



Food Laboratory / Laboratoire des aliments
Ontario Region / Région de l'Ontario
Health Canada / Santé Canada

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Fatty Acid Profiles of Selected Great Lakes Fish

Report to the International Joint Commission of Canada and United States



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Executive Summary

Introduction

What are the risks and benefits of eating Great Lakes fish?

Consumption of Great Lakes fish with elevated levels of contaminants are linked to adverse health effects, such as neurological impacts to infants. At the same time, fish are lauded as an excellent source of lean protein and omega-3 polyunsaturated fatty acids (PUFA). These fatty acids foster neurological development in children and lower the risk of dying from a heart attack. But do the risks from eating Great Lakes fish outweigh the benefits? This is a key question posed by the International Joint Commission (IJC) of Canada and the United States. One missing element on the benefit side of the equation is the level of fatty acids in Great Lakes fish.

To help address this data gap, lake trout and whitefish were analyzed for their fatty acid profiles, including PUFA. Seventy-seven composites or individual fish were analyzed from Lakes Superior, Huron, Erie, Ontario and Michigan. There will be corresponding contaminant data for this set of fish. This report details the concentrations of PUFA in Great Lakes fish.

Coordination and direction were provided by the IJC. This report, which details fatty acid content of selected Great Lakes fish, is part of a larger effort by the IJC to assess risks and benefits of fish consumption. The corresponding contaminant data for these fish will be reported at a later date. As such, information in this report should not be taken out of context, particularly as both lake trout and whitefish, depending on size and location, are currently subject to fish consumption advisories in Canada or the U.S.

Samples were generously donated by the:

Ontario Ministry of Natural Resources (OMNR) as part of a larger collaborative study on contaminants in Great Lakes fish, with Health Canada (Food Directorate) and OMNR as partners.

Sport Fish Contaminant Monitoring Program of the Ontario Ministry of the Environment.

Michigan Department of Natural Resources & Environment

Laboratory analysis for fatty acid profiles was provided by the Food Laboratory / Laboratoire des aliments, Ontario Region / Région de l'Ontario, Health Canada / Santé Canada, ISO/IEC 17025 Accredited Laboratory No. 404.

Samples

Table 1 details the number and fish species analyzed, the lake they were collected from and whether the samples are composites or individual fish. Fish samples were donated by Health Canada, the Ontario Ministry of the Environment and the Michigan Department of Natural Resources and Environment. Details on the individual samples are provided in the following Appendices.

Table 1: Number of fish species analyzed and lake origin

Fish Species	Lake Superior	Lake Huron	Lake Erie	Lake Ontario	Lake Michigan
Lake Trout	8 ^a	10 ^a	10 ^b	10 ^b	9 ^c
Whitefish	10 ^a	10 ^a	10 ^a	-	-

^a Composite fish, Health Canada, Food Directorate

^b Individual fish, Ontario Ministry of the Environment

^c Individual fish, Michigan Department of Natural Resources and Environment

Analytical Methodology

The analysis was performed according to a slightly modified procedure of the AOAC Official Method 996.06. Analysis of the fatty acid composition by gas chromatography (GC) was performed according to AOCS Official Method Ce 1i-07. The limit of quantitation is estimated at 100 mg fatty acid per 100 g sample.

Quality Control

Concurrent analysis, with every set, of a Standard Reference Material (NIST-1946, Lake Superior lake trout). Minimum acceptance criteria is that laboratory results for Omega-3 EPA, DPA and DHA are all 90% ($\pm 20\%$) of the certified values.

Reporting

Appendix 2 lists the fatty acid profiles of selected Great Lakes fish. A spreadsheet of Appendix 2 is also provided along with this report.

Table of Results

Table 2: Average Omega 3 content by lake and species

Species / Lake	n	g Omega 3 per 100 g Fat (%)		mg Omega 3 per 100 g fish		Ratio Omega 3 / Omega 6	
		Mean	SD	Mean	SD	Mean	SD
Lake Trout							
Lake Erie	10	19.4%	1.7%	1900.8	1190.7	2.3	0.2
Lake Huron	10	18.0%	3.2%	1360.6	634.6	1.8	0.2
Lake Michigan	9	22.0%	3.9%	2753.1	1063.3	1.6	0.1
Lake Ontario	10	19.1%	2.5%	2146.1	560.8	2.2	0.2
Lake Superior	8	18.6%	2.1%	815.8	312.7	2.0	0.2
All Trout	47	19.4%	3.0%	1816.6	1022.4	2.0	0.3
Whitefish							
Lake Erie	10	9.6%	2.9%	478.4	141.3	1.9	0.3
Lake Huron	10	16.3%	1.7%	542.2	179.4	2.1	0.3
Lake Superior	10	19.3%	5.4%	697.7	316.7	2.0	0.4
All Whitefish	30	15.1%	5.5%	572.8	236.8	2.0	0.3
All Species	77	17.7%	4.6%	1332.0	1013.3	2.0	0.3

Appendix 1

Contacts and Acknowledgements

International Joint Commission of Canada and United States

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Ontario Ministry of the Environment

Samples were generously donated by the Ontario Ministry of the Environment

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Michigan Department of Natural Resources and Environment

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Health Canada / Santé Canada

Samples

Samples were generously provided by the Ontario Ministry of Natural Resources (OMNR) as part of a larger collaborative study on contaminants in Great Lakes fish, with Health Canada and OMNR as partners.

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Appendix 2

Fatty Acid Profiles of Selected Great Lakes Fish

Interpretation of results

For research purposes, the individual lipids, as well as the totals are presented.

For comparative purposes, the results are presented on both a fat basis and wet weight basis.

For potential statistical purposes, all data is provided, even values below the limit of quantitation (LOQ). It has been reported that the relative uncertainty at the LOQ is $\pm 30\%$, with a 95% confidence level. (J.K. Taylor, Quality Assurance of Chemical Measurements. Lewis Publishers Inc., pages 79 - 82, 1987). Values below the LOQ have a high level of uncertainty.

The limit of quantitation is estimated at 100 mg fatty acid per 100 g sample.

Glossary: Saturated Fatty Acids (SFA); Monounsaturated Fatty Acids (MUFA); Polyunsaturated Fatty Acids (PUFA); Fatty Acids (FA); Triglyceride (TG).

List of samples

Lake Superior Trout: 4805, 4806, 4807, 4808, 4809, 4810, 5263, 5264

Lake Huron Trout: 4814, 4823, 4824, 4828, 4829, 4830, 4837, 4848, 4859, 4864

Lake Huron Whitefish: 4815, 4821, 4834, 4835, 4852, 4856, 4866, 4868, 4869, 4870

Lake Ontario Trout: 6986, 6987, 6988, 6989, 6990, 6996, 6997, 6998, 6999, 7000

Lake Erie Trout: 6991, 6992, 6993, 6994, 6995, 7001, 7002, 7003, 7004, 7005

Lake Superior Whitefish: 4800, 4801, 4802, 4803, 4804, 4795, 4796, 4797, 4798, 4799

Lake Erie Whitefish: 3966, 3967, 3968, 3969, 3970, 3972, 3973, 3974, 3975, 3976

Lake Michigan Trout: 7227, 7228, 7229, 7230, 7231, 7232, 7233, 7234, 7235

Lab ID : 3966
 Client ID :
 Species : Erie
 Lake : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	24.5%	1911.4
Total MUFA	61.3%	4789.0
Total PUFA	14.2%	1114.0
Total Omega 3	7.6%	596.3
Total Omega 6	4.0%	316.0
Total Fat (Sum of Fatty Acids)	100.0%	7814.4
10:0	0.16%	12.3
12:0	0.13%	9.7
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.85%	298.4
Iso 15:0	0.19%	14.5
Anteiso 15:0	0.12%	9.0
15:0	0.27%	20.9
Iso 16:0	0.23%	17.7
Anteiso 16:0	0.04%	3.2
16:0	15.16%	1181.6
Iso 17:0	0.76%	59.1
17:0	0.26%	20.3
Iso 18:0	0.11%	8.5
18:0	2.87%	225.0
20:0	0.14%	10.8
22:0	0.08%	6.7
23:0	0.17%	13.6
Total SFA	24.53%	1911.4
12:1	0.00%	0.0
13:1	0.05%	3.6
14:1 9c	0.15%	11.3
15:1	0.04%	3.1
16:1 7c	0.51%	39.6
16:1 9c + 16:1 9t	25.59%	1993.8
16:1 11c	0.34%	26.3
17:1 10c	0.31%	23.9
18:1 9c + 18:1 9t	25.69%	2011.9
18:1 11c	6.05%	473.8
18:1 13c	0.35%	27.1
20:1 9c	0.69%	54.6
20:1 11c (n-9)	0.94%	74.0
20:1 13c (n-7)	0.48%	37.5
22:1 13c	0.11%	8.5
24:1 isomers	0.00%	0.0
Total MUFA	61.27%	4789.0
16:2 (n-6) + anteiso 17:0	0.64%	49.9
16:2 (n-4)	0.97%	75.5
16:3 (n-4)	0.58%	45.1
16:3 (n-3)	0.06%	5.0
16:4 (n-3)	0.04%	3.2
16:4 (n-1)	0.12%	9.7
18:2 5c,11c (n-7)	0.15%	12.1
18:2 8c,11c (n-7)	0.09%	6.7
18:2 9c,12c (n-6)	1.43%	112.2
18:2 11c,14c (n-4)	0.16%	12.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
18:3 6c,9c,12c (gamma)	0.16%	12.4
18:3 8c,11c,14c (n-4)	0.41%	31.8
18:3 9c,12c,15c (n-3)	0.91%	71.2
18:4 6c,9c,12c,15c (n-3)	0.80%	62.4
18:4 8c,11c,14c,17c (n-1)	0.11%	8.7
18:5 3c,6c,9c,12c,15c (n-3)	0.09%	6.9
20:2 11c,14c (n-6)	0.18%	14.0
20:3 8c,11c,14c (n-6)	0.12%	9.3
20:4 5c,8c,11c,14c (n-6)	0.85%	67.1
20:3 11c,14c,17c (n-3)	0.00%	0.0
20:4 8c,11c,14c,17c (n-3)	0.32%	25.3
20:5 5c,8c,11c,14c,17c (n-3)	2.28%	179.3
22:2 13c,16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.15%	11.7
22:4 7c,10c,13c,16c (n-6)	0.17%	13.5
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.36%	28.7
22:5 7c,10c,13c,16c,19c (n-3)	0.87%	68.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	2.17%	171.4
Total PUFA	14.20%	1114.0
18:3 9c,12c,15c (n-3)	0.91%	71.2
18:4 6c,9c,12c,15c (n-3)	0.80%	62.4
18:5 3c,6c,9c,12c,15c (n-3)	0.09%	6.9
20:3 11c,14c,17c (n-3)	0.00%	0.0
20:4 8c,11c,14c,17c (n-3)	0.32%	25.3
20:5 5c,8c,11c,14c,17c (n-3)	2.28%	179.3
21:5 6c,9c,12c,15c,18c (n-3)	0.15%	11.7
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	0.87%	68.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	2.17%	171.3
Total Omega 3	7.59%	596.3
18:2 9c,12c (n-6)	1.43%	112.2
18:3 6c,9c,12c (gamma)	0.91%	71.2
20:2 11c,14c (n-6)	0.18%	14.0
20:3 8c,11c,14c (n-6)	0.12%	9.3
20:4 5c,8c,11c,14c (n-6)	0.85%	67.1
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.17%	13.6
22:5 4c,7c,10c,13c,16c (n-6)	0.36%	28.7
Total Omega 6	4.03%	316.0
Total Fat (Sum of Fatty Acids)	100.00%	7814.4

Lab ID : 3967
 Client ID :
 Species : Erie
 Lake : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.7%	1546.7
Total MUFA	60.6%	3519.6
Total PUFA	12.7%	738.4
Total Omega 3	6.6%	387.1
Total Omega 6	3.7%	218.3
Total Fat (Sum of Fatty Acids)	100.0%	5804.7
10:0	0.18%	10.3
12:0	0.17%	9.5
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.84%	221.1
Iso 15:0	0.19%	10.7
Anteiso 15:0	0.10%	5.9
15:0	0.30%	17.3
Iso 16:0	0.27%	15.5
Anteiso 16:0	0.05%	2.9
16:0	16.51%	956.3
Iso 17:0	1.08%	62.5
17:0	0.24%	13.9
Iso 18:0	0.12%	7.2
18:0	3.33%	194.1
20:0	0.14%	8.0
22:0	0.10%	6.0
23:0	0.09%	5.5
Total SFA	26.72%	1546.7
12:1	0.00%	0.0
13:1	0.05%	3.1
14:1 9c	0.12%	6.7
15:1	0.03%	1.7
16:1 7c	0.54%	31.3
16:1 9c + 16:1 9t	24.95%	1444.0
16:1 11c	0.47%	26.9
17:1 10c	0.24%	13.9
18:1 9c + 18:1 9t	25.35%	1475.1
18:1 11c	6.06%	352.7
18:1 13c	0.36%	21.1
20:1 9c	0.74%	43.4
20:1 11c (n-9)	1.10%	64.2
20:1 13c (n-7)	0.49%	28.8
22:1 13c	0.11%	6.6
24:1 isomers	0.00%	0.0
Total MUFA	60.61%	3519.6
16:2 (n-6) + anteiso 17:0	0.70%	40.4
16:2 (n-4)	0.80%	46.2
16:3 (n-4)	0.58%	33.3
16:3 (n-3)	0.10%	5.6
16:4 (n-3)	0.03%	1.6
16:4 (n-1)	0.10%	6.1
18:2 5c,11c (n-7)	0.14%	8.3
18:2 8c,11c (n-7)	0.08%	4.7
18:2 9c,12c (n-6)	1.16%	67.7
18:2 11c,14c (n-4)	0.20%	11.9
18:3 6c 9c 12c (gamma)	0.13%	7.5

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
18:3 8c,11c,14c (n-4)	0.41%	24.0
18:3 9c,12c,15c (n-3)	1.02%	59.3
18:4 6c,9c,12c,15c (n-3)	0.72%	42.1
18:4 8c,11c,14c,17c (n-1)	0.04%	2.5
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	4.0
20:2 11c,14c (n-6)	0.14%	8.0
20:3 8c,11c,14c (n-6)	0.10%	5.6
20:4 5c,8c,11c,14c (n-6)	0.93%	54.0
20:3 11c,14c,17c (n-3)	0.00%	0.0
20:4 8c,11c,14c,17c (n-3)	0.25%	14.6
20:5 5c,8c,11c,14c,17c (n-3)	1.90%	111.2
22:2 13c,16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	7.0
22:4 7c,10c,13c,16c (n-6)	0.11%	6.3
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.30%	17.5
22:5 7c,10c,13c,16c,19c (n-3)	0.74%	43.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	1.80%	105.5
Total PUFA	12.67%	738.4
18:3 9c,12c,15c (n-3)	1.02%	59.2
18:4 6c,9c,12c,15c (n-3)	0.72%	42.1
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	4.0
20:3 11c,14c,17c (n-3)	0.00%	0.0
20:4 8c,11c,14c,17c (n-3)	0.25%	14.6
20:5 5c,8c,11c,14c,17c (n-3)	1.90%	111.2
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	7.0
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	0.74%	43.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	1.80%	105.4
Total Omega 3	6.63%	387.1
18:2 9c,12c (n-6)	1.16%	67.7
18:3 6c 9c 12c (gamma)	1.02%	59.2
20:2 11c,14c (n-6)	0.14%	8.0
20:3 8c,11c,14c (n-6)	0.10%	5.6
20:4 5c,8c,11c,14c (n-6)	0.93%	54.0
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.11%	6.3
22:5 4c,7c,10c,13c,16c (n-6)	0.30%	17.5
Total Omega 6	3.75%	218.3
Total Fat (Sum of Fatty Acids)	100.00%	5804.7

Lab ID : 3975
 Client ID :
 Lake : Erie
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.3%	1167.4
Total MUFA	54.4%	2517.4
Total PUFA	20.3%	945.1
Total Omega 3	11.5%	535.7
Total Omega 6	5.8%	267.3
Total Fat (Sum of Fatty Acids)	100.0%	4629.9
10:0	0.21%	9.6
12:0	0.22%	9.9
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.41%	156.4
Iso 15:0	0.21%	9.5
Anteiso 15:0	0.11%	5.2
15:0	0.26%	11.8
Iso 16:0	0.24%	11.0
Anteiso 16:0	0.04%	1.9
16:0	15.57%	719.1
Iso 17:0	0.85%	39.5
17:0	0.29%	13.3
Iso 18:0	0.07%	3.3
18:0	3.34%	154.9
20:0	0.18%	8.4
22:0	0.16%	7.7
23:0	0.13%	5.9
Total SFA	25.29%	1167.4
12:1	0.00%	0.0
13:1	0.05%	2.5
14:1 9c	0.10%	4.5
15:1	0.04%	1.7
16:1 7c	0.46%	21.5
16:1 9c + 16:1 9t	25.57%	1180.4
16:1 11c	0.56%	26.0
17:1 10c	0.25%	11.7
18:1 9c + 18:1 9t	18.77%	870.8
18:1 11c	6.52%	302.4
18:1 13c	0.26%	12.0
20:1 9c	0.43%	20.2
20:1 11c (n-9)	0.86%	40.1
20:1 13c (n-7)	0.37%	17.0
22:1 13c	0.14%	6.7
24:1 isomers	0.00%	0.0
Total MUFA	54.39%	2517.4
16:2 (n-6) + anteiso 17:0	0.68%	31.2
16:2 (n-4)	1.16%	53.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-4)	0.84%	38.6
16:3 (n-3)	0.04%	2.0
16:4 (n-3)	0.05%	2.4
16:4 (n-1)	0.11%	5.1
18:2 5c,11c (n-7)	0.14%	6.5
18:2 8c,11c (n-7)	0.10%	4.8
18:2 9c,12c (n-6)	2.25%	104.5
18:2 11c,14c (n-4)	0.25%	11.7
18:3 6c 9c 12c (gamma)	0.19%	8.8
18:3 8c,11c,14c (n-4)	0.44%	20.3
18:3 9c,12c,15c (n-3)	1.00%	46.4
18:4 6c,9c,12c,15c (n-3)	0.70%	32.3
18:4 8c,11c,14c,17c (n-1)	0.07%	3.3
18:5 3c,6c,9c,12c,15c (n-3)	0.06%	2.7
20:2 11c,14c (n-6)	0.23%	10.9
20:3 8c,11c,14c (n-6)	0.10%	4.6
20:4 5c,8c,11c,14c (n-6)	1.60%	74.5
20:3 11c,14c,17c (n-3)	0.16%	7.4
20:4 8c,11c,14c,17c (n-3)	0.30%	13.8
20:5 5c,8c,11c,14c,17c (n-3)	3.91%	181.9
22:2 13c,16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.04%	2.0
22:4 7c,10c,13c,16c (n-6)	0.20%	9.1
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.37%	17.3
22:5 7c,10c,13c,16c,19c (n-3)	1.32%	61.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	4.02%	187.7
Total PUFA	20.33%	945.1
18:3 9c,12c,15c (n-3)	1.00%	46.4
18:4 6c,9c,12c,15c (n-3)	0.70%	32.3
18:5 3c,6c,9c,12c,15c (n-3)	0.06%	2.7
20:3 11c,14c,17c (n-3)	0.16%	7.4
20:4 8c,11c,14c,17c (n-3)	0.30%	13.8
20:5 5c,8c,11c,14c,17c (n-3)	3.91%	181.9
21:5 6c,9c,12c,15c,18c (n-3)	0.04%	2.0
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.32%	61.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	4.02%	187.6
Total Omega 3	11.50%	535.7
18:2 9c,12c (n-6)	2.25%	104.5
18:3 6c 9c 12c (gamma)	1.00%	46.4
20:2 11c,14c (n-6)	0.23%	10.9
20:3 8c,11c,14c (n-6)	0.10%	4.6
20:4 5c,8c,11c,14c (n-6)	1.60%	74.5
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.20%	9.1
22:5 4c,7c,10c,13c,16c (n-6)	0.37%	17.3
Total Omega 6	5.75%	267.3
Total Fat (Sum of Fatty Acids)	100.00%	4629.9

Lab ID : 3976
Client ID :
Lake : Erie
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	27.7%	757.6
Total MUFA	50.6%	1386.3
Total PUFA	21.7%	597.8
Total Omega 3	12.9%	356.7
Total Omega 6	6.3%	174.5
Total Fat (Sum of Fatty Acids)	100.0%	2741.7
10:0	0.40%	10.8
12:0	0.11%	2.8
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	2.73%	74.3
Iso 15:0	0.24%	6.4
Anteiso 15:0	0.16%	4.5
15:0	0.29%	7.9
Iso 16:0	0.25%	6.7
Anteiso 16:0	0.10%	2.9
16:0	17.11%	467.6
Iso 17:0	1.30%	35.5
17:0	0.46%	12.6
Iso 18:0	0.11%	3.1
18:0	3.69%	101.4
20:0	0.20%	5.5
22:0	0.28%	7.8
23:0	0.29%	7.9
Total SFA	27.72%	757.6
12:1	0.00%	0.0
13:1	0.06%	1.6
14:1 9c	0.07%	1.9
15:1	0.07%	2.0
16:1 7c	0.72%	19.7
16:1 9c + 16:1 9t	18.84%	514.6
16:1 11c	0.61%	16.6
17:1 10c	0.24%	6.5
18:1 9c + 18:1 9t	20.01%	549.5
18:1 11c	7.15%	196.4
18:1 13c	0.36%	9.8
20:1 9c	0.73%	20.1
20:1 11c (n-9)	1.02%	28.2
20:1 13c (n-7)	0.51%	13.9
22:1 13c	0.19%	5.4
24:1 isomers	0.00%	0.0
Total MUFA	50.58%	1386.3
16:2 (n-6) + anteiso 17:0	0.98%	26.9
16:2 (n-4)	0.78%	21.3

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-4)	0.39%	10.6
16:3 (n-3)	0.06%	1.6
16:4 (n-3)	0.08%	2.1
16:4 (n-1)	0.12%	3.3
18:2 5c,11c (n-7)	0.07%	2.0
18:2 8c,11c (n-7)	0.06%	1.6
18:2 9c,12c (n-6)	1.90%	52.2
18:2 11c,14c (n-4)	0.23%	6.4
18:3 6c 9c 12c (gamma)	0.22%	6.0
18:3 8c,11c,14c (n-4)	0.34%	9.4
18:3 9c,12c,15c (n-3)	0.98%	26.8
18:4 6c,9c,12c,15c (n-3)	0.59%	16.2
18:4 8c,11c,14c,17c (n-1)	0.08%	2.2
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	3.3
20:2 11c,14c (n-6)	0.33%	9.2
20:3 8c,11c,14c (n-6)	0.13%	3.5
20:4 5c,8c,11c,14c (n-6)	1.98%	54.6
20:3 11c,14c,17c (n-3)	0.16%	4.5
20:4 8c,11c,14c,17c (n-3)	0.30%	8.2
20:5 5c,8c,11c,14c,17c (n-3)	3.73%	102.6
22:2 13c,16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.21%	5.9
22:4 7c,10c,13c,16c (n-6)	0.35%	9.7
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.67%	18.4
22:5 7c,10c,13c,16c,19c (n-3)	1.57%	43.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.28%	145.9
Total PUFA	21.71%	597.8
18:3 9c,12c,15c (n-3)	0.98%	26.8
18:4 6c,9c,12c,15c (n-3)	0.59%	16.2
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	3.3
20:3 11c,14c,17c (n-3)	0.16%	4.5
20:4 8c,11c,14c,17c (n-3)	0.30%	8.2
20:5 5c,8c,11c,14c,17c (n-3)	3.73%	102.6
21:5 6c,9c,12c,15c,18c (n-3)	0.21%	5.9
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.57%	43.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.28%	145.9
Total Omega 3	12.93%	356.7
18:2 9c,12c (n-6)	1.90%	52.2
18:3 6c 9c 12c (gamma)	0.98%	26.8
20:2 11c,14c (n-6)	0.33%	9.2
20:3 8c,11c,14c (n-6)	0.13%	3.5
20:4 5c,8c,11c,14c (n-6)	1.98%	54.6
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.35%	9.7
22:5 4c,7c,10c,13c,16c (n-6)	0.67%	18.4
Total Omega 6	6.34%	174.5
Total Fat (Sum of Fatty Acids)	100.00%	2741.7

Lab ID : 3968
Client ID :
Lake : Erie
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	28.6%	1359.0
Total MUFA	59.2%	2822.9
Total PUFA	12.2%	583.5
Total Omega 3	4.8%	232.4
Total Omega 6	3.9%	185.5
Total Fat (Sum of Fatty Acids)	100.0%	4765.4
10:0	0.12%	5.6
12:0	0.19%	9.1
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.81%	180.1
Iso 15:0	0.48%	22.6
Anteiso 15:0	0.34%	15.9
15:0	0.35%	16.5
Iso 16:0	0.39%	18.6
Anteiso 16:0	0.06%	2.7
16:0	16.81%	799.3
Iso 17:0	1.77%	84.6
17:0	0.41%	19.6
Iso 18:0	0.13%	6.4
18:0	3.38%	161.7
20:0	0.14%	6.9
22:0	0.12%	5.9
23:0	0.07%	3.4
Total SFA	28.59%	1359.0
12:1	0.00%	0.0
13:1	0.08%	3.8
14:1 9c	0.17%	8.0
15:1	0.06%	2.9
16:1 7c	0.80%	38.0
16:1 9c + 16:1 9t	21.34%	1013.9
16:1 11c	0.48%	23.0
17:1 10c	0.32%	15.3
18:1 9c + 18:1 9t	24.75%	1182.1
18:1 11c	7.36%	351.5
18:1 13c	0.53%	25.4
20:1 9c	1.34%	64.4
20:1 11c (n-9)	1.31%	62.6
20:1 13c (n-7)	0.43%	20.6
22:1 13c	0.24%	11.3
24:1 isomers	0.00%	0.0
Total MUFA	59.20%	2822.9
16:2 (n-6) + anteiso 17:0	1.54%	73.3
16:2 (n-4)	0.62%	29.6

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-4)	0.22%	10.4
16:3 (n-3)	0.08%	3.7
16:4 (n-3)	0.04%	2.1
16:4 (n-1)	0.07%	3.4
18:2 5c,11c (n-7)	0.28%	13.3
18:2 8c,11c (n-7)	0.16%	7.7
18:2 9c,12c (n-6)	1.54%	73.6
18:2 11c,14c (n-4)	0.41%	19.6
18:3 6c 9c 12c (gamma)	0.20%	9.6
18:3 8c,11c,14c (n-4)	0.29%	13.6
18:3 9c,12c,15c (n-3)	0.53%	25.3
18:4 6c,9c,12c,15c (n-3)	0.45%	21.3
18:4 8c,11c,14c,17c (n-1)	0.10%	4.7
18:5 3c,6c,9c,12c,15c (n-3)	0.18%	8.8
20:2 11c,14c (n-6)	0.29%	13.9
20:3 8c,11c,14c (n-6)	0.09%	4.5
20:4 5c,8c,11c,14c (n-6)	0.98%	47.2
20:3 11c,14c,17c (n-3)	0.08%	3.8
20:4 8c,11c,14c,17c (n-3)	0.20%	9.6
20:5 5c,8c,11c,14c,17c (n-3)	1.31%	62.7
22:2 13c,16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	5.1
22:4 7c,10c,13c,16c (n-6)	0.20%	9.4
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.24%	11.5
22:5 7c,10c,13c,16c,19c (n-3)	0.55%	26.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	1.44%	69.4
Total PUFA	12.21%	583.5
18:3 9c,12c,15c (n-3)	0.53%	25.3
18:4 6c,9c,12c,15c (n-3)	0.45%	21.3
18:5 3c,6c,9c,12c,15c (n-3)	0.18%	8.8
20:3 11c,14c,17c (n-3)	0.08%	3.8
20:4 8c,11c,14c,17c (n-3)	0.20%	9.6
20:5 5c,8c,11c,14c,17c (n-3)	1.31%	62.7
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	5.1
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	0.55%	26.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	1.44%	69.4
Total Omega 3	4.85%	232.4
18:2 9c,12c (n-6)	1.54%	73.6
18:3 6c 9c 12c (gamma)	0.53%	25.3
20:2 11c,14c (n-6)	0.29%	13.9
20:3 8c,11c,14c (n-6)	0.09%	4.5
20:4 5c,8c,11c,14c (n-6)	0.98%	47.1
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.20%	9.5
22:5 4c,7c,10c,13c,16c (n-6)	0.24%	11.5
Total Omega 6	3.88%	185.5
Total Fat (Sum of Fatty Acids)	100.00%	4765.4

Lab ID : 3969
Client ID :
Lake : Erie
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	27.1%	1598.9
Total MUFA	59.9%	3549.3
Total PUFA	13.0%	772.9
Total Omega 3	6.4%	384.2
Total Omega 6	3.8%	226.3
Total Fat (Sum of Fatty Acids)	100.0%	5921.1
10:0	0.08%	4.8
12:0	0.20%	11.4
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.75%	220.2
Iso 15:0	0.29%	16.9
Anteiso 15:0	0.19%	11.0
15:0	0.29%	17.0
Iso 16:0	0.26%	15.3
Anteiso 16:0	0.04%	2.2
16:0	16.64%	983.1
Iso 17:0	1.22%	72.1
17:0	0.31%	18.3
Iso 18:0	0.12%	7.0
18:0	3.30%	196.2
20:0	0.13%	7.5
22:0	0.19%	11.1
23:0	0.08%	4.7
Total SFA	27.07%	1598.9
12:1	0.00%	0.0
13:1	0.07%	4.2
14:1 9c	0.15%	8.5
15:1	0.03%	1.5
16:1 7c	0.59%	34.6
16:1 9c + 16:1 9t	25.85%	1526.1
16:1 11c	0.50%	29.6
17:1 10c	0.32%	19.0
18:1 9c + 18:1 9t	23.18%	1375.8
18:1 11c	6.38%	378.7
18:1 13c	0.19%	11.3
20:1 9c	0.88%	52.6
20:1 11c (n-9)	1.09%	65.2
20:1 13c (n-7)	0.48%	28.8
22:1 13c	0.22%	13.4
24:1 isomers	0.00%	0.0
Total MUFA	59.93%	3549.3
16:2 (n-6) + anteiso 17:0	1.02%	60.3
16:2 (n-4)	0.84%	49.5
16:3 (n-4)	0.51%	30.1

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.07%	4.3
16:4 (n-3)	0.04%	2.6
16:4 (n-1)	0.16%	9.6
18:2 5c,11c (n-7)	0.04%	2.6
18:2 8c,11c (n-7)	0.04%	2.1
18:2 9c,12c (n-6)	1.29%	76.6
18:2 11c,14c (n-4)	0.17%	10.1
18:3 6c 9c 12c (gamma)	0.12%	7.2
18:3 8c,11c,14c (n-4)	0.37%	21.7
18:3 9c,12c,15c (n-3)	0.69%	41.0
18:4 6c,9c,12c,15c (n-3)	0.52%	30.9
18:4 8c,11c,14c,17c (n-1)	0.05%	3.2
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	4.3
20:2 11c,14c (n-6)	0.24%	14.5
20:3 8c,11c,14c (n-6)	0.08%	4.7
20:4 5c,8c,11c,14c (n-6)	0.98%	58.5
20:3 11c,14c,17c (n-3)	0.08%	5.0
20:4 8c,11c,14c,17c (n-3)	0.24%	14.2
20:5 5c,8c,11c,14c,17c (n-3)	1.95%	116.3
22:2 13c.16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	7.6
22:4 7c,10c,13c,16c (n-6)	0.23%	13.4
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.30%	17.6
22:5 7c,10c,13c,16c,19c (n-3)	0.77%	45.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	2.00%	119.2
Total PUFA	13.00%	772.9
18:3 9c,12c,15c (n-3)	0.69%	40.9
18:4 6c,9c,12c,15c (n-3)	0.52%	30.9
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	4.3
20:3 11c,14c,17c (n-3)	0.08%	5.0
20:4 8c,11c,14c,17c (n-3)	0.24%	14.2
20:5 5c,8c,11c,14c,17c (n-3)	1.95%	116.3
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	7.6
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	0.77%	45.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	2.00%	119.2
Total Omega 3	6.45%	384.2
18:2 9c,12c (n-6)	1.29%	76.6
18:3 6c 9c 12c (gamma)	0.69%	40.9
20:2 11c,14c (n-6)	0.24%	14.5
20:3 8c,11c,14c (n-6)	0.08%	4.7
20:4 5c,8c,11c,14c (n-6)	0.98%	58.5
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.23%	13.5
22:5 4c,7c,10c,13c,16c (n-6)	0.30%	17.6
Total Omega 6	3.81%	226.3
Total Fat (Sum of Fatty Acids)	100.00%	5921.1

Lab ID : 3973
Client ID :
Lake : Erie
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.7%	1112.8
Total MUFA	52.5%	2192.6
Total PUFA	20.7%	868.7
Total Omega 3	12.1%	507.9
Total Omega 6	6.1%	257.4
Total Fat (Sum of Fatty Acids)	100.0%	4174.0
10:0	0.39%	15.8
12:0	0.20%	8.0
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.30%	136.6
Iso 15:0	0.27%	11.0
Anteiso 15:0	0.14%	5.7
15:0	0.31%	12.8
Iso 16:0	0.21%	8.7
Anteiso 16:0	0.10%	4.3
16:0	16.72%	695.9
Iso 17:0	0.98%	41.0
17:0	0.40%	16.7
Iso 18:0	0.08%	3.3
18:0	3.26%	136.4
20:0	0.22%	9.2
22:0	0.11%	4.6
23:0	0.06%	2.6
Total SFA	26.74%	1112.8
12:1	0.00%	0.0
13:1	0.06%	2.3
14:1 9c	0.09%	3.6
15:1	0.08%	3.4
16:1 7c	0.70%	29.3
16:1 9c + 16:1 9t	23.40%	973.9
16:1 11c	0.61%	25.3
17:1 10c	0.34%	14.2
18:1 9c + 18:1 9t	18.64%	779.9
18:1 11c	6.60%	276.1
18:1 13c	0.39%	16.2
20:1 9c	0.45%	19.1
20:1 11c (n-9)	0.78%	32.9
20:1 13c (n-7)	0.23%	9.6
22:1 13c	0.16%	6.7
24:1 isomers	0.00%	0.0
Total MUFA	52.54%	2192.6
16:2 (n-6) + anteiso 17:0	0.75%	31.0
16:2 (n-4)	0.98%	40.9
16:3 (n-4)	0.61%	25.2

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.08%	3.4
16:4 (n-3)	0.05%	2.0
16:4 (n-1)	0.18%	7.5
18:2 5c,11c (n-7)	0.15%	6.2
18:2 8c,11c (n-7)	0.07%	3.1
18:2 9c,12c (n-6)	2.03%	85.0
18:2 11c,14c (n-4)	0.21%	8.6
18:3 6c 9c 12c (gamma)	0.24%	9.8
18:3 8c,11c,14c (n-4)	0.38%	15.7
18:3 9c,12c,15c (n-3)	1.29%	54.1
18:4 6c,9c,12c,15c (n-3)	0.69%	29.0
18:4 8c,11c,14c,17c (n-1)	0.09%	3.8
18:5 3c,6c,9c,12c,15c (n-3)	0.04%	1.6
20:2 11c,14c (n-6)	0.21%	9.0
20:3 8c,11c,14c (n-6)	0.14%	5.9
20:4 5c,8c,11c,14c (n-6)	1.68%	70.6
20:3 11c,14c,17c (n-3)	0.20%	8.5
20:4 8c,11c,14c,17c (n-3)	0.41%	17.3
20:5 5c,8c,11c,14c,17c (n-3)	3.58%	150.3
22:2 13c,16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	5.3
22:4 7c,10c,13c,16c (n-6)	0.28%	11.8
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.50%	21.2
22:5 7c,10c,13c,16c,19c (n-3)	1.27%	53.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	4.48%	188.6
Total PUFA	20.72%	868.7
18:3 9c,12c,15c (n-3)	1.29%	54.0
18:4 6c,9c,12c,15c (n-3)	0.69%	29.0
18:5 3c,6c,9c,12c,15c (n-3)	0.04%	1.6
20:3 11c,14c,17c (n-3)	0.20%	8.5
20:4 8c,11c,14c,17c (n-3)	0.41%	17.3
20:5 5c,8c,11c,14c,17c (n-3)	3.58%	150.3
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	5.3
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.27%	53.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	4.48%	188.6
Total Omega 3	12.09%	507.9
18:2 9c,12c (n-6)	2.03%	85.0
18:3 6c 9c 12c (gamma)	1.29%	54.0
20:2 11c,14c (n-6)	0.21%	9.0
20:3 8c,11c,14c (n-6)	0.14%	5.9
20:4 5c,8c,11c,14c (n-6)	1.68%	70.6
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.28%	11.8
22:5 4c,7c,10c,13c,16c (n-6)	0.50%	21.2
Total Omega 6	6.14%	257.4
Total Fat (Sum of Fatty Acids)	100.00%	4174.0

Lab ID : 3974
Client ID :
Lake : Erie
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.3%	1519.3
Total MUFA	53.4%	3210.3
Total PUFA	21.3%	1286.2
Total Omega 3	11.8%	712.7
Total Omega 6	6.1%	367.4
Total Fat (Sum of Fatty Acids)	100.0%	6015.8
10:0	0.19%	10.9
12:0	0.20%	11.6
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.25%	193.6
Iso 15:0	0.33%	19.6
Anteiso 15:0	0.21%	12.8
15:0	0.33%	20.0
Iso 16:0	0.28%	17.0
Anteiso 16:0	0.04%	2.6
16:0	14.90%	893.6
Iso 17:0	1.34%	80.9
17:0	0.44%	26.6
Iso 18:0	0.11%	6.4
18:0	3.29%	198.1
20:0	0.17%	10.2
22:0	0.12%	7.4
23:0	0.13%	8.1
Total SFA	25.33%	1519.3
12:1	0.00%	0.0
13:1	0.05%	3.1
14:1 9c	0.13%	7.7
15:1	0.06%	3.6
16:1 7c	0.61%	36.5
16:1 9c + 16:1 9t	22.23%	1333.0
16:1 11c	0.49%	29.5
17:1 10c	0.30%	18.2
18:1 9c + 18:1 9t	20.07%	1210.0
18:1 11c	6.92%	417.0
18:1 13c	0.27%	16.5
20:1 9c	0.72%	43.8
20:1 11c (n-9)	1.00%	60.6
20:1 13c (n-7)	0.36%	21.6
22:1 13c	0.15%	9.1
24:1 isomers	0.00%	0.0
Total MUFA	53.37%	3210.3
16:2 (n-6) + anteiso 17:0	1.04%	62.3
16:2 (n-4)	0.97%	58.4
16:3 (n-4)	0.67%	40.1

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.08%	4.7
16:4 (n-3)	0.06%	3.7
16:4 (n-1)	0.11%	6.4
18:2 5c,11c (n-7)	0.35%	21.2
18:2 8c,11c (n-7)	0.13%	7.6
18:2 9c,12c (n-6)	2.18%	131.2
18:2 11c,14c (n-4)	0.38%	22.6
18:3 6c 9c 12c (gamma)	0.38%	22.9
18:3 8c,11c,14c (n-4)	0.43%	25.8
18:3 9c,12c,15c (n-3)	1.26%	76.1
18:4 6c,9c,12c,15c (n-3)	0.87%	52.4
18:4 8c,11c,14c,17c (n-1)	0.11%	6.5
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	5.9
20:2 11c,14c (n-6)	0.30%	18.1
20:3 8c,11c,14c (n-6)	0.15%	9.2
20:4 5c,8c,11c,14c (n-6)	1.57%	94.7
20:3 11c,14c,17c (n-3)	0.15%	9.0
20:4 8c,11c,14c,17c (n-3)	0.45%	27.2
20:5 5c,8c,11c,14c,17c (n-3)	3.90%	235.5
22:2 13c,16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	5.4
22:4 7c,10c,13c,16c (n-6)	0.26%	15.9
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.36%	22.1
22:5 7c,10c,13c,16c,19c (n-3)	1.36%	82.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	3.60%	218.5
Total PUFA	21.30%	1286.2
18:3 9c,12c,15c (n-3)	1.26%	76.1
18:4 6c,9c,12c,15c (n-3)	0.87%	52.4
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	5.9
20:3 11c,14c,17c (n-3)	0.15%	9.0
20:4 8c,11c,14c,17c (n-3)	0.45%	27.2
20:5 5c,8c,11c,14c,17c (n-3)	3.90%	235.5
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	5.3
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.36%	82.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	3.60%	218.5
Total Omega 3	11.78%	712.7
18:2 9c,12c (n-6)	2.18%	131.2
18:3 6c 9c 12c (gamma)	1.26%	76.1
20:2 11c,14c (n-6)	0.30%	18.1
20:3 8c,11c,14c (n-6)	0.15%	9.2
20:4 5c,8c,11c,14c (n-6)	1.57%	94.7
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.26%	16.0
22:5 4c,7c,10c,13c,16c (n-6)	0.36%	22.0
Total Omega 6	6.08%	367.4
Total Fat (Sum of Fatty Acids)	100.00%	6015.8

Lab ID : 3970
Client ID :
Lake : Erie
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.9%	1192.0
Total MUFA	55.7%	2572.6
Total PUFA	18.4%	854.4
Total Omega 3	10.2%	473.2
Total Omega 6	5.6%	259.5
Total Fat (Sum of Fatty Acids)	100.0%	4619.0
10:0	0.17%	7.8
12:0	0.17%	7.6
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.64%	166.5
Iso 15:0	0.33%	15.1
Anteiso 15:0	0.22%	10.1
15:0	0.27%	12.6
Iso 16:0	0.26%	11.9
Anteiso 16:0	0.06%	3.0
16:0	15.80%	728.1
Iso 17:0	1.20%	55.4
17:0	0.21%	9.7
Iso 18:0	0.09%	4.3
18:0	3.09%	143.1
20:0	0.14%	6.7
22:0	0.08%	3.6
23:0	0.14%	6.7
Total SFA	25.88%	1192.0
12:1	0.00%	0.0
13:1	0.08%	3.6
14:1 9c	0.15%	6.8
15:1	0.08%	3.5
16:1 7c	0.64%	29.4
16:1 9c + 16:1 9t	23.26%	1071.2
16:1 11c	0.51%	23.3
17:1 10c	0.26%	12.0
18:1 9c + 18:1 9t	22.05%	1020.5
18:1 11c	6.27%	290.2
18:1 13c	0.27%	12.5
20:1 9c	0.79%	36.8
20:1 11c (n-9)	0.88%	40.7
20:1 13c (n-7)	0.39%	17.9
22:1 13c	0.09%	4.1
24:1 isomers	0.00%	0.0
Total MUFA	55.70%	2572.6
16:2 (n-6) + anteiso 17:0	0.90%	41.3
16:2 (n-4)	0.93%	42.7
16:3 (n-4)	0.50%	22.9

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.07%	3.1
16:4 (n-3)	0.05%	2.3
16:4 (n-1)	0.14%	6.3
18:2 5c,11c (n-7)	0.15%	6.9
18:2 8c,11c (n-7)	0.08%	3.6
18:2 9c,12c (n-6)	2.12%	98.0
18:2 11c,14c (n-4)	0.19%	8.6
18:3 6c 9c 12c (gamma)	0.17%	7.7
18:3 8c,11c,14c (n-4)	0.39%	17.9
18:3 9c,12c,15c (n-3)	0.98%	45.6
18:4 6c,9c,12c,15c (n-3)	0.85%	39.2
18:4 8c,11c,14c,17c (n-1)	0.08%	3.8
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	5.2
20:2 11c,14c (n-6)	0.22%	10.1
20:3 8c,11c,14c (n-6)	0.09%	4.3
20:4 5c,8c,11c,14c (n-6)	1.52%	70.5
20:3 11c,14c,17c (n-3)	0.10%	4.6
20:4 8c,11c,14c,17c (n-3)	0.33%	15.1
20:5 5c,8c,11c,14c,17c (n-3)	3.12%	145.0
22:2 13c,16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	5.5
22:4 7c,10c,13c,16c (n-6)	0.21%	9.9
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.45%	21.2
22:5 7c,10c,13c,16c,19c (n-3)	1.17%	54.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	3.40%	158.3
Total PUFA	18.42%	854.4
18:3 9c,12c,15c (n-3)	0.98%	45.5
18:4 6c,9c,12c,15c (n-3)	0.85%	39.2
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	5.2
20:3 11c,14c,17c (n-3)	0.10%	4.6
20:4 8c,11c,14c,17c (n-3)	0.33%	15.1
20:5 5c,8c,11c,14c,17c (n-3)	3.12%	145.0
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	5.5
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.17%	54.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	3.40%	158.2
Total Omega 3	10.18%	473.2
18:2 9c,12c (n-6)	2.12%	98.0
18:3 6c 9c 12c (gamma)	0.98%	45.5
20:2 11c,14c (n-6)	0.22%	10.1
20:3 8c,11c,14c (n-6)	0.09%	4.3
20:4 5c,8c,11c,14c (n-6)	1.52%	70.5
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.21%	10.0
22:5 4c,7c,10c,13c,16c (n-6)	0.45%	21.2
Total Omega 6	5.60%	259.5
Total Fat (Sum of Fatty Acids)	100.00%	4619.0

Lab ID : 3972
 Client ID :
 Lake : Erie
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	24.2%	1233.5
Total MUFA	55.8%	2853.9
Total PUFA	20.0%	1026.1
Total Omega 3	11.6%	597.4
Total Omega 6	5.0%	257.0
Total Fat (Sum of Fatty Acids)	100.0%	5113.5
10:0	0.07%	3.7
12:0	0.22%	11.2
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.45%	174.6
Iso 15:0	0.16%	8.4
Anteiso 15:0	0.10%	4.9
15:0	0.23%	11.7
Iso 16:0	0.18%	9.0
Anteiso 16:0	0.08%	4.2
16:0	15.00%	765.2
Iso 17:0	0.84%	42.7
17:0	0.30%	15.6
Iso 18:0	0.07%	3.4
18:0	3.06%	156.8
20:0	0.18%	9.2
22:0	0.15%	7.7
23:0	0.10%	5.2
Total SFA	24.19%	1233.5
12:1	0.00%	0.0
13:1	0.06%	3.0
14:1 9c	0.09%	4.5
15:1	0.04%	1.9
16:1 7c	0.46%	23.6
16:1 9c + 16:1 9t	27.70%	1412.1
16:1 11c	0.52%	26.5
17:1 10c	0.08%	4.1
18:1 9c + 18:1 9t	19.02%	974.8
18:1 11c	5.89%	302.1
18:1 13c	0.29%	14.9
20:1 9c	0.39%	20.2
20:1 11c (n-9)	0.81%	41.9
20:1 13c (n-7)	0.34%	17.7
22:1 13c	0.13%	6.5
24:1 isomers	0.00%	0.0
Total MUFA	55.83%	2853.9
16:2 (n-6) + anteiso 17:0	0.62%	31.7
16:2 (n-4)	1.18%	60.3
16:3 (n-4)	1.06%	54.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.07%	3.7
16:4 (n-3)	0.06%	2.8
16:4 (n-1)	0.13%	6.8
18:2 5c,11c (n-7)	0.15%	7.7
18:2 8c,11c (n-7)	0.09%	4.6
18:2 9c,12c (n-6)	1.79%	91.9
18:2 11c,14c (n-4)	0.22%	11.3
18:3 6c 9c 12c (gamma)	0.13%	6.7
18:3 8c,11c,14c (n-4)	0.48%	24.5
18:3 9c,12c,15c (n-3)	0.93%	47.6
18:4 6c,9c,12c,15c (n-3)	0.74%	38.1
18:4 8c,11c,14c,17c (n-1)	0.10%	5.1
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	3.6
20:2 11c,14c (n-6)	0.20%	10.3
20:3 8c,11c,14c (n-6)	0.10%	5.0
20:4 5c,8c,11c,14c (n-6)	1.34%	68.8
20:3 11c,14c,17c (n-3)	0.12%	6.0
20:4 8c,11c,14c,17c (n-3)	0.38%	19.3
20:5 5c,8c,11c,14c,17c (n-3)	4.03%	207.2
22:2 13c,16c (n-6)	0.00%	0.0
21:5 6c,9c,12c,15c,18c (n-3)	0.08%	4.2
22:4 7c,10c,13c,16c (n-6)	0.21%	10.6
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.44%	22.8
22:5 7c,10c,13c,16c,19c (n-3)	1.24%	63.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	4.02%	207.7
Total PUFA	19.98%	1026.1
18:3 9c,12c,15c (n-3)	0.93%	47.6
18:4 6c,9c,12c,15c (n-3)	0.74%	38.1
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	3.6
20:3 11c,14c,17c (n-3)	0.12%	6.0
20:4 8c,11c,14c,17c (n-3)	0.38%	19.3
20:5 5c,8c,11c,14c,17c (n-3)	4.03%	207.2
21:5 6c,9c,12c,15c,18c (n-3)	0.08%	4.2
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.24%	63.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	4.02%	207.6
Total Omega 3	11.61%	597.4
18:2 9c,12c (n-6)	1.79%	91.9
18:3 6c 9c 12c (gamma)	0.93%	47.6
20:2 11c,14c (n-6)	0.20%	10.3
20:3 8c,11c,14c (n-6)	0.10%	5.0
20:4 5c,8c,11c,14c (n-6)	1.34%	68.8
22:2 13c,16c (n-6)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.21%	10.7
22:5 4c,7c,10c,13c,16c (n-6)	0.44%	22.8
Total Omega 6	5.01%	257.0
Total Fat (Sum of Fatty Acids)	100.00%	5113.5

Lab ID : 4805
 Client ID :
 Lake : Superior
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.7%	1230.2
Total MUFA	40.9%	1894.5
Total PUFA	32.5%	1511.0
Total Omega 3	21.9%	1020.0
Total Omega 6	9.6%	444.6
Total Fat (Sum of Fatty Acids)	100.0%	4635.7
10:0	0.06%	2.8
12:0	0.07%	3.2
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.65%	167.5
Iso 15:0	0.31%	14.2
Anteiso 15:0	0.06%	2.9
15:0	0.38%	17.5
Iso 16:0	0.08%	3.6
Anteiso 16:0	0.04%	1.8
16:0	17.82%	822.6
Iso 17:0	0.37%	17.0
17:0	0.23%	10.8
Iso 18:0	0.02%	1.1
18:0	3.36%	155.9
20:0	0.09%	4.3
22:0	0.06%	3.0
23:0	0.04%	2.0
Total SFA	26.65%	1230.2
12:1	0.00%	0.0
13:1	0.03%	1.5
14:1 9c	0.11%	5.2
15:1	0.00%	0.0
16:1 7c	0.69%	32.0
16:1 9c + 16:1 9t	10.85%	500.9
16:1 11c	0.30%	13.8
17:1 10c	0.36%	16.7
18:1 9c + 18:1 9t	22.47%	1042.5
18:1 11c	4.81%	223.2
18:1 13c	0.00%	0.0
20:1 9c	0.05%	2.2
20:1 11c (n-9)	0.90%	42.0
20:1 13c (n-7)	0.31%	14.5
22:1 13c	0.00%	0.0
24:1 isomers	0.00%	0.0
Total MUFA	40.89%	1894.5
16:2 (n-6) + anteiso 17:0	0.04%	1.7
16:2 (n-4)	0.07%	3.2
16:3 (n-4)	0.11%	5.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.19%	8.8
16:4 (n-3)	0.04%	2.1
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.04%	1.9
18:2 8c,11c (n-7)	0.04%	1.6
18:2 9c,12c (n-6)	4.46%	206.9
18:2 11c,14c (n-4)	0.19%	8.9
18:3 6c 9c 12c (gamma)	0.19%	8.8
18:3 8c,11c,14c (n-4)	0.21%	9.6
18:3 9c,12c,15c (n-3)	2.74%	127.0
18:4 6c,9c,12c,15c (n-3)	1.00%	46.2
18:4 8c,11c,14c,17c (n-1)	0.08%	3.5
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.85%	39.5
20:3 8c,11c,14c (n-6)	0.20%	9.3
20:4 5c,8c,11c,14c (n-6)	2.15%	100.2
20:3 11c,14c,17c (n-3)	0.99%	46.2
20:4 8c,11c,14c,17c (n-3)	2.06%	95.8
20:5 5c,8c,11c,14c,17c (n-3)	3.79%	176.4
22:2 13c,16c (n-6)	0.15%	7.1
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	8.8
22:4 7c,10c,13c,16c (n-6)	0.45%	20.9
22:3 13c,16c,19c (n-3)	0.27%	12.7
22:5 4c,7c,10c,13c,16c (n-6)	1.11%	51.9
22:5 7c,10c,13c,16c,19c (n-3)	2.11%	98.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.75%	408.6
Total PUFA	32.45%	1511.0
18:3 9c,12c,15c (n-3)	2.74%	127.0
18:4 6c,9c,12c,15c (n-3)	1.00%	46.2
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.99%	46.2
20:4 8c,11c,14c,17c (n-3)	2.06%	95.8
20:5 5c,8c,11c,14c,17c (n-3)	3.79%	176.4
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	8.8
22:3 13c,16c,19c (n-3)	0.27%	12.7
22:5 7c,10c,13c,16c,19c (n-3)	2.11%	98.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.75%	408.5
Total Omega 3	21.89%	1020.0
18:2 9c,12c (n-6)	4.46%	206.9
18:3 6c 9c 12c (gamma)(n-6)	0.19%	8.8
20:2 11c,14c (n-6)	0.85%	39.5
20:3 8c,11c,14c (n-6)	0.20%	9.3
20:4 5c,8c,11c,14c (n-6)	2.15%	100.2
22:2 13c,16c (n-6)	0.15%	7.1
22:4 7c,10c,13c,16c (n-6)	0.45%	21.0
22:5 4c,7c,10c,13c,16c (n-6)	1.11%	51.9
Total Omega 6	9.56%	444.6
Total Fat (Sum of Fatty Acids)	100.00%	4635.7

Lab ID : 4806
 Client ID :
 Lake : Superior
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.7%	904.9
Total MUFA	43.3%	1475.5
Total PUFA	30.0%	1027.9
Total Omega 3	19.7%	674.5
Total Omega 6	8.9%	303.5
Total Fat (Sum of Fatty Acids)	100.0%	3408.2
10:0	0.10%	3.3
12:0	0.08%	2.8
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.68%	124.2
Iso 15:0	0.26%	8.9
Anteiso 15:0	0.10%	3.3
15:0	0.37%	12.4
Iso 16:0	0.11%	3.8
Anteiso 16:0	0.05%	1.6
16:0	17.85%	606.2
Iso 17:0	0.32%	11.0
17:0	0.26%	8.7
Iso 18:0	0.04%	1.2
18:0	3.21%	109.6
20:0	0.09%	3.2
22:0	0.09%	3.0
23:0	0.05%	1.8
Total SFA	26.66%	904.9
12:1	0.00%	0.0
13:1	0.05%	1.6
14:1 9c	0.14%	4.8
15:1	0.00%	0.0
16:1 7c	0.76%	25.7
16:1 9c + 16:1 9t	12.03%	408.4
16:1 11c	0.32%	11.0
17:1 10c	0.39%	13.4
18:1 9c + 18:1 9t	23.68%	807.9
18:1 11c	4.76%	162.4
18:1 13c	0.00%	0.0
20:1 9c	0.05%	1.7
20:1 11c (n-9)	0.83%	28.5
20:1 13c (n-7)	0.29%	10.0
22:1 13c	0.00%	0.0
24:1 isomers	0.00%	0.0
Total MUFA	43.32%	1475.5
16:2 (n-6) + anteiso 17:0	0.07%	2.2
16:2 (n-4)	0.26%	8.7
16:3 (n-4)	0.13%	4.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.19%	6.5
16:4 (n-3)	0.07%	2.3
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.05%	1.6
18:2 8c,11c (n-7)	0.04%	1.4
18:2 9c,12c (n-6)	3.83%	130.5
18:2 11c,14c (n-4)	0.26%	8.8
18:3 6c 9c 12c (gamma)	0.22%	7.6
18:3 8c,11c,14c (n-4)	0.29%	9.9
18:3 9c,12c,15c (n-3)	2.57%	87.8
18:4 6c,9c,12c,15c (n-3)	0.82%	27.9
18:4 8c,11c,14c,17c (n-1)	0.11%	3.8
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.77%	26.4
20:3 8c,11c,14c (n-6)	0.22%	7.6
20:4 5c,8c,11c,14c (n-6)	2.38%	81.6
20:3 11c,14c,17c (n-3)	0.94%	32.2
20:4 8c,11c,14c,17c (n-3)	1.84%	63.0
20:5 5c,8c,11c,14c,17c (n-3)	3.71%	127.0
22:2 13c.16c (n-6)	0.14%	4.8
21:5 6c,9c,12c,15c,18c (n-3)	0.17%	5.9
22:4 7c,10c,13c,16c (n-6)	0.38%	13.1
22:3 13c,16c,19c (n-3)	0.33%	11.5
22:5 4c,7c,10c,13c,16c (n-6)	0.93%	32.0
22:5 7c,10c,13c,16c,19c (n-3)	1.78%	61.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.51%	258.1
Total PUFA	30.02%	1027.9
18:3 9c,12c,15c (n-3)	2.57%	87.8
18:4 6c,9c,12c,15c (n-3)	0.82%	27.9
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.94%	32.2
20:4 8c,11c,14c,17c (n-3)	1.84%	63.0
20:5 5c,8c,11c,14c,17c (n-3)	3.71%	127.0
21:5 6c,9c,12c,15c,18c (n-3)	0.17%	5.9
22:3 13c,16c,19c (n-3)	0.33%	11.4
22:5 7c,10c,13c,16c,19c (n-3)	1.78%	61.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.51%	258.0
Total Omega 3	19.69%	674.5
18:2 9c,12c (n-6)	3.83%	130.5
18:3 6c 9c 12c (gamma)(n-6)	0.22%	7.6
20:2 11c,14c (n-6)	0.77%	26.4
20:3 8c,11c,14c (n-6)	0.22%	7.6
20:4 5c,8c,11c,14c (n-6)	2.38%	81.6
22:2 13c,16c (n-6)	0.14%	4.8
22:4 7c,10c,13c,16c (n-6)	0.38%	13.1
22:5 4c,7c,10c,13c,16c (n-6)	0.93%	32.0
Total Omega 6	8.88%	303.5
Total Fat (Sum of Fatty Acids)	100.00%	3408.2

Lab ID : 4807
Client ID :
Lake : Superior
Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.6%	1332.7
Total MUFA	46.8%	2772.4
Total PUFA	30.7%	1827.8
Total Omega 3	20.3%	1213.4
Total Omega 6	9.3%	554.2
Total Fat (Sum of Fatty Acids)	100.0%	5932.9
10:0	0.08%	4.6
12:0	0.09%	5.1
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.14%	184.2
Iso 15:0	0.27%	16.0
Anteiso 15:0	0.07%	3.8
15:0	0.29%	17.1
Iso 16:0	0.02%	1.4
Anteiso 16:0	0.02%	1.2
16:0	14.80%	874.4
Iso 17:0	0.27%	16.0
17:0	0.28%	16.5
Iso 18:0	0.03%	1.6
18:0	2.98%	177.2
20:0	0.11%	6.6
22:0	0.05%	3.2
23:0	0.06%	3.7
Total SFA	22.56%	1332.7
12:1	0.00%	0.0
13:1	0.02%	1.3
14:1 9c	0.11%	6.5
15:1	0.00%	0.0
16:1 7c	0.69%	40.6
16:1 9c + 16:1 9t	12.94%	764.4
16:1 11c	0.27%	15.7
17:1 10c	0.34%	19.9
18:1 9c + 18:1 9t	25.56%	1517.2
18:1 11c	5.31%	315.1
18:1 13c	0.00%	0.0
20:1 9c	0.06%	3.5
20:1 11c (n-9)	1.13%	67.5
20:1 13c (n-7)	0.35%	20.6
22:1 13c	0.00%	0.0
24:1 isomers	0.00%	0.0
Total MUFA	46.76%	2772.4
16:2 (n-6) + anteiso 17:0	0.05%	3.0
16:2 (n-4)	0.03%	1.6
16:3 (n-4)	0.15%	8.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.19%	11.4
16:4 (n-3)	0.04%	2.5
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.10%	5.9
18:2 8c,11c (n-7)	0.04%	2.5
18:2 9c,12c (n-6)	3.99%	236.7
18:2 11c,14c (n-4)	0.15%	8.8
18:3 6c 9c 12c (gamma)	0.20%	11.6
18:3 8c,11c,14c (n-4)	0.23%	13.9
18:3 9c,12c,15c (n-3)	2.32%	137.6
18:4 6c,9c,12c,15c (n-3)	0.97%	57.5
18:4 8c,11c,14c,17c (n-1)	0.03%	1.6
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.77%	46.0
20:3 8c,11c,14c (n-6)	0.28%	16.6
20:4 5c,8c,11c,14c (n-6)	2.30%	137.2
20:3 11c,14c,17c (n-3)	0.79%	47.2
20:4 8c,11c,14c,17c (n-3)	1.99%	118.3
20:5 5c,8c,11c,14c,17c (n-3)	3.53%	210.5
22:2 13c,16c (n-6)	0.17%	10.1
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	12.1
22:4 7c,10c,13c,16c (n-6)	0.53%	31.8
22:3 13c,16c,19c (n-3)	0.24%	14.2
22:5 4c,7c,10c,13c,16c (n-6)	1.07%	64.2
22:5 7c,10c,13c,16c,19c (n-3)	2.78%	166.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.53%	449.9
Total PUFA	30.67%	1827.8
18:3 9c,12c,15c (n-3)	2.32%	137.6
18:4 6c,9c,12c,15c (n-3)	0.97%	57.5
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.79%	47.2
20:4 8c,11c,14c,17c (n-3)	1.99%	118.3
20:5 5c,8c,11c,14c,17c (n-3)	3.53%	210.5
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	12.0
22:3 13c,16c,19c (n-3)	0.24%	14.1
22:5 7c,10c,13c,16c,19c (n-3)	2.78%	166.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.53%	449.7
Total Omega 3	20.35%	1213.4
18:2 9c,12c (n-6)	3.99%	236.7
18:3 6c 9c 12c (gamma)(n-6)	0.20%	11.6
20:2 11c,14c (n-6)	0.77%	46.0
20:3 8c,11c,14c (n-6)	0.28%	16.6
20:4 5c,8c,11c,14c (n-6)	2.30%	137.2
22:2 13c,16c (n-6)	0.17%	10.1
22:4 7c,10c,13c,16c (n-6)	0.53%	31.9
22:5 4c,7c,10c,13c,16c (n-6)	1.07%	64.2
Total Omega 6	9.31%	554.2
Total Fat (Sum of Fatty Acids)	100.00%	5932.9

Lab ID : 4808
 Client ID :
 Lake : Superior
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.0%	922.7
Total MUFA	46.6%	1727.6
Total PUFA	28.4%	1055.6
Total Omega 3	17.4%	647.4
Total Omega 6	10.1%	376.8
Total Fat (Sum of Fatty Acids)	100.0%	3706.0
10:0	0.07%	2.6
12:0	0.06%	2.0
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.31%	121.2
Iso 15:0	0.30%	10.9
Anteiso 15:0	0.05%	2.0
15:0	0.31%	11.5
Iso 16:0	0.07%	2.6
Anteiso 16:0	0.03%	1.2
16:0	16.25%	599.7
Iso 17:0	0.34%	12.4
17:0	0.30%	11.0
Iso 18:0	0.18%	6.6
18:0	3.53%	131.0
20:0	0.09%	3.3
22:0	0.06%	2.2
23:0	0.06%	2.3
Total SFA	25.00%	922.7
12:1	0.00%	0.0
13:1	0.04%	1.4
14:1 9c	0.13%	4.7
15:1	0.00%	0.0
16:1 7c	0.71%	26.2
16:1 9c + 16:1 9t	11.12%	410.3
16:1 11c	0.25%	9.1
17:1 10c	0.37%	13.5
18:1 9c + 18:1 9t	27.38%	1015.6
18:1 11c	5.06%	187.8
18:1 13c	0.00%	0.0
20:1 9c	0.04%	1.7
20:1 11c (n-9)	1.15%	42.8
20:1 13c (n-7)	0.39%	14.6
22:1 13c	0.00%	0.0
24:1 isomers	0.00%	0.0
Total MUFA	46.64%	1727.6
16:2 (n-6) + anteiso 17:0	0.04%	1.5
16:2 (n-4)	0.05%	1.9
16:3 (n-4)	0.09%	3.2

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.04%	1.5
16:4 (n-3)	0.04%	1.6
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.04%	1.5
18:2 8c,11c (n-7)	0.05%	1.7
18:2 9c,12c (n-6)	4.20%	155.8
18:2 11c,14c (n-4)	0.15%	5.5
18:3 6c 9c 12c (gamma)	0.13%	4.7
18:3 8c,11c,14c (n-4)	0.26%	9.5
18:3 9c,12c,15c (n-3)	2.14%	79.3
18:4 6c,9c,12c,15c (n-3)	0.69%	25.5
18:4 8c,11c,14c,17c (n-1)	0.09%	3.5
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.88%	32.6
20:3 8c,11c,14c (n-6)	0.35%	13.1
20:4 5c,8c,11c,14c (n-6)	2.53%	94.2
20:3 11c,14c,17c (n-3)	0.65%	24.2
20:4 8c,11c,14c,17c (n-3)	1.70%	63.1
20:5 5c,8c,11c,14c,17c (n-3)	2.79%	103.6
22:2 13c,16c (n-6)	0.21%	7.7
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	4.6
22:4 7c,10c,13c,16c (n-6)	0.63%	23.6
22:3 13c,16c,19c (n-3)	0.32%	11.9
22:5 4c,7c,10c,13c,16c (n-6)	1.21%	45.0
22:5 7c,10c,13c,16c,19c (n-3)	2.07%	77.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.91%	258.1
Total PUFA	28.36%	1055.6
18:3 9c,12c,15c (n-3)	2.14%	79.2
18:4 6c,9c,12c,15c (n-3)	0.69%	25.5
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.65%	24.2
20:4 8c,11c,14c,17c (n-3)	1.70%	63.1
20:5 5c,8c,11c,14c,17c (n-3)	2.79%	103.6
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	4.5
22:3 13c,16c,19c (n-3)	0.32%	11.8
22:5 7c,10c,13c,16c,19c (n-3)	2.07%	77.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.91%	258.0
Total Omega 3	17.38%	647.4
18:2 9c,12c (n-6)	4.20%	155.8
18:3 6c 9c 12c (gamma)(n-6)	0.13%	4.7
20:2 11c,14c (n-6)	0.88%	32.6
20:3 8c,11c,14c (n-6)	0.35%	13.1
20:4 5c,8c,11c,14c (n-6)	2.53%	94.2
22:2 13c,16c (n-6)	0.21%	7.7
22:4 7c,10c,13c,16c (n-6)	0.63%	23.6
22:5 4c,7c,10c,13c,16c (n-6)	1.21%	45.0
Total Omega 6	10.13%	376.8
Total Fat (Sum of Fatty Acids)	100.00%	3706.0

Lab ID : 4809
 Client ID :
 Lake : Superior
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.1%	773.6
Total MUFA	47.0%	1395.3
Total PUFA	26.9%	803.8
Total Omega 3	17.4%	519.6
Total Omega 6	8.5%	254.0
Total Fat (Sum of Fatty Acids)	100.0%	2972.7
10:0	0.25%	7.3
12:0	0.08%	2.4
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.24%	95.3
Iso 15:0	0.28%	8.4
Anteiso 15:0	0.05%	1.4
15:0	0.29%	8.4
Iso 16:0	0.09%	2.7
Anteiso 16:0	0.05%	1.4
16:0	17.43%	516.0
Iso 17:0	0.32%	9.6
17:0	0.23%	6.8
Iso 18:0	0.04%	1.2
18:0	3.42%	101.9
20:0	0.20%	6.1
22:0	0.10%	3.0
23:0	0.06%	1.7
Total SFA	26.13%	773.6
12:1	0.00%	0.0
13:1	0.04%	1.2
14:1 9c	0.10%	2.8
15:1	0.00%	0.0
16:1 7c	0.77%	22.7
16:1 9c + 16:1 9t	11.29%	334.1
16:1 11c	0.24%	7.0
17:1 10c	0.31%	9.3
18:1 9c + 18:1 9t	25.89%	770.3
18:1 11c	6.47%	192.6
18:1 13c	0.00%	0.0
20:1 9c	0.08%	2.4
20:1 11c (n-9)	1.38%	41.3
20:1 13c (n-7)	0.39%	11.6
22:1 13c	0.00%	0.0
24:1 isomers	0.00%	0.0
Total MUFA	46.96%	1395.3
16:2 (n-6) + anteiso 17:0	0.05%	1.4
16:2 (n-4)	0.09%	2.6
16:3 (n-4)	0.11%	3.2

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.11%	3.2
16:4 (n-3)	0.07%	2.0
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.04%	1.3
18:2 8c,11c (n-7)	0.05%	1.6
18:2 9c,12c (n-6)	3.03%	90.1
18:2 11c,14c (n-4)	0.23%	6.8
18:3 6c 9c 12c (gamma)	0.23%	6.9
18:3 8c,11c,14c (n-4)	0.20%	6.1
18:3 9c,12c,15c (n-3)	1.51%	45.0
18:4 6c,9c,12c,15c (n-3)	0.47%	14.1
18:4 8c,11c,14c,17c (n-1)	0.06%	1.8
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.81%	24.3
20:3 8c,11c,14c (n-6)	0.25%	7.4
20:4 5c,8c,11c,14c (n-6)	2.58%	77.1
20:3 11c,14c,17c (n-3)	0.58%	17.3
20:4 8c,11c,14c,17c (n-3)	1.35%	40.4
20:5 5c,8c,11c,14c,17c (n-3)	2.92%	87.1
22:2 13c,16c (n-6)	0.18%	5.4
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	3.6
22:4 7c,10c,13c,16c (n-6)	0.45%	13.4
22:3 13c,16c,19c (n-3)	0.19%	5.8
22:5 4c,7c,10c,13c,16c (n-6)	0.98%	29.4
22:5 7c,10c,13c,16c,19c (n-3)	2.05%	61.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.19%	245.3
Total PUFA	26.91%	803.8
18:3 9c,12c,15c (n-3)	1.51%	45.0
18:4 6c,9c,12c,15c (n-3)	0.47%	14.1
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.58%	17.3
20:4 8c,11c,14c,17c (n-3)	1.35%	40.4
20:5 5c,8c,11c,14c,17c (n-3)	2.92%	87.1
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	3.5
22:3 13c,16c,19c (n-3)	0.19%	5.7
22:5 7c,10c,13c,16c,19c (n-3)	2.05%	61.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.19%	245.2
Total Omega 3	17.38%	519.6
18:2 9c,12c (n-6)	3.03%	90.1
18:3 6c 9c 12c (gamma)(n-6)	0.23%	6.9
20:2 11c,14c (n-6)	0.81%	24.3
20:3 8c,11c,14c (n-6)	0.25%	7.4
20:4 5c,8c,11c,14c (n-6)	2.58%	77.1
22:2 13c,16c (n-6)	0.18%	5.4
22:4 7c,10c,13c,16c (n-6)	0.45%	13.5
22:5 4c,7c,10c,13c,16c (n-6)	0.98%	29.4
Total Omega 6	8.51%	254.0
Total Fat (Sum of Fatty Acids)	100.00%	2972.7

Lab ID : 4810
 Client ID :
 Lake : Superior
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.7%	1118.8
Total MUFA	48.7%	2124.8
Total PUFA	25.6%	1123.7
Total Omega 3	15.8%	694.5
Total Omega 6	8.7%	379.5
Total Fat (Sum of Fatty Acids)	100.0%	4367.3
10:0	0.24%	10.0
12:0	0.06%	2.7
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.02%	130.4
Iso 15:0	0.25%	10.9
Anteiso 15:0	0.05%	2.3
15:0	0.27%	11.8
Iso 16:0	0.06%	2.7
Anteiso 16:0	0.04%	1.9
16:0	17.29%	752.2
Iso 17:0	0.37%	16.1
17:0	0.31%	13.5
Iso 18:0	0.03%	1.5
18:0	3.38%	147.9
20:0	0.14%	6.3
22:0	0.16%	6.9
23:0	0.04%	1.7
Total SFA	25.72%	1118.8
12:1	0.00%	0.0
13:1	0.04%	1.7
14:1 9c	0.10%	4.5
15:1	0.00%	0.0
16:1 7c	0.86%	37.6
16:1 9c + 16:1 9t	10.70%	465.1
16:1 11c	0.26%	11.5
17:1 10c	0.34%	14.7
18:1 9c + 18:1 9t	28.31%	1237.6
18:1 11c	5.97%	260.8
18:1 13c	0.00%	0.0
20:1 9c	0.04%	1.6
20:1 11c (n-9)	1.61%	70.7
20:1 13c (n-7)	0.44%	19.2
22:1 13c	0.00%	0.0
24:1 isomers	0.00%	0.0
Total MUFA	48.67%	2124.8
16:2 (n-6) + anteiso 17:0	0.03%	1.4
16:2 (n-4)	0.25%	11.0
16:3 (n-4)	0.07%	3.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.18%	8.0
16:4 (n-3)	0.04%	1.8
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.07%	3.1
18:2 8c,11c (n-7)	0.05%	2.0
18:2 9c,12c (n-6)	3.06%	133.5
18:2 11c,14c (n-4)	0.18%	7.8
18:3 6c 9c 12c (gamma)	0.13%	5.6
18:3 8c,11c,14c (n-4)	0.19%	8.5
18:3 9c,12c,15c (n-3)	1.55%	67.9
18:4 6c,9c,12c,15c (n-3)	0.49%	21.3
18:4 8c,11c,14c,17c (n-1)	0.07%	2.9
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.87%	38.4
20:3 8c,11c,14c (n-6)	0.25%	11.1
20:4 5c,8c,11c,14c (n-6)	2.59%	113.5
20:3 11c,14c,17c (n-3)	0.82%	36.0
20:4 8c,11c,14c,17c (n-3)	1.40%	61.6
20:5 5c,8c,11c,14c,17c (n-3)	2.48%	108.7
22:2 13c,16c (n-6)	0.22%	9.5
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	4.0
22:4 7c,10c,13c,16c (n-6)	0.63%	27.5
22:3 13c,16c,19c (n-3)	0.25%	11.1
22:5 4c,7c,10c,13c,16c (n-6)	0.92%	40.5
22:5 7c,10c,13c,16c,19c (n-3)	2.07%	91.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.65%	292.8
Total PUFA	25.61%	1123.7
18:3 9c,12c,15c (n-3)	1.55%	67.9
18:4 6c,9c,12c,15c (n-3)	0.49%	21.3
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.82%	36.0
20:4 8c,11c,14c,17c (n-3)	1.40%	61.6
20:5 5c,8c,11c,14c,17c (n-3)	2.48%	108.7
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	4.0
22:3 13c,16c,19c (n-3)	0.25%	11.1
22:5 7c,10c,13c,16c,19c (n-3)	2.07%	91.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.65%	292.7
Total Omega 3	15.81%	694.5
18:2 9c,12c (n-6)	3.06%	133.5
18:3 6c 9c 12c (gamma)(n-6)	0.13%	5.6
20:2 11c,14c (n-6)	0.87%	38.4
20:3 8c,11c,14c (n-6)	0.25%	11.1
20:4 5c,8c,11c,14c (n-6)	2.59%	113.5
22:2 13c,16c (n-6)	0.22%	9.5
22:4 7c,10c,13c,16c (n-6)	0.63%	27.6
22:5 4c,7c,10c,13c,16c (n-6)	0.92%	40.4
Total Omega 6	8.66%	379.5
Total Fat (Sum of Fatty Acids)	100.00%	4367.3

Lab ID : 5263
 Client ID :
 Lake : Superior
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.9%	1527.3
Total MUFA	45.4%	2909.6
Total PUFA	30.7%	1978.7
Total Omega 3	19.9%	1282.2
Total Omega 6	9.9%	635.3
Total Fat (Sum of Fatty Acids)	100.0%	6415.6
10:0	0.06%	3.5
12:0	0.10%	6.1
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.61%	229.1
Iso 15:0	0.30%	18.9
Anteiso 15:0	0.07%	4.7
15:0	0.33%	21.0
Iso 16:0	0.06%	3.8
Anteiso 16:0	0.02%	1.4
16:0	15.86%	1013.6
Iso 17:0	0.31%	20.0
17:0	0.27%	17.2
Iso 18:0	0.02%	1.1
18:0	2.75%	176.4
20:0	0.07%	4.4
22:0	0.04%	2.6
23:0	0.06%	3.6
Total SFA	23.91%	1527.3
12:1	0.00%	0.0
13:1	0.03%	1.9
14:1 9c	0.15%	9.2
15:1	0.00%	0.0
16:1 7c	0.70%	44.8
16:1 9c + 16:1 9t	11.19%	714.7
16:1 11c	0.24%	15.2
17:1 10c	0.38%	24.6
18:1 9c + 18:1 9t	26.13%	1677.5
18:1 11c	5.06%	324.9
18:1 13c	0.00%	0.0
20:1 9c	0.05%	3.0
20:1 11c (n-9)	1.08%	69.4
20:1 13c (n-7)	0.38%	24.5
22:1 13c	0.00%	0.0
24:1 isomers	0.00%	0.0
Total MUFA	45.38%	2909.6
16:2 (n-6) + anteiso 17:0	0.03%	2.0
16:2 (n-4)	0.11%	7.1
16:3 (n-4)	0.12%	7.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.17%	11.0
16:4 (n-3)	0.03%	2.2
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.05%	3.1
18:2 8c,11c (n-7)	0.05%	3.2
18:2 9c,12c (n-6)	4.07%	261.2
18:2 11c,14c (n-4)	0.16%	10.2
18:3 6c 9c 12c (gamma)	0.18%	11.5
18:3 8c,11c,14c (n-4)	0.19%	12.4
18:3 9c,12c,15c (n-3)	2.34%	150.1
18:4 6c,9c,12c,15c (n-3)	0.82%	52.3
18:4 8c,11c,14c,17c (n-1)	0.03%	2.0
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.87%	56.1
20:3 8c,11c,14c (n-6)	0.28%	18.1
20:4 5c,8c,11c,14c (n-6)	2.72%	175.2
20:3 11c,14c,17c (n-3)	0.84%	54.3
20:4 8c,11c,14c,17c (n-3)	1.67%	107.5
20:5 5c,8c,11c,14c,17c (n-3)	3.79%	244.0
22:2 13c.16c (n-6)	0.17%	10.8
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	8.4
22:4 7c,10c,13c,16c (n-6)	0.51%	32.8
22:3 13c,16c,19c (n-3)	0.18%	11.4
22:5 4c,7c,10c,13c,16c (n-6)	1.08%	69.6
22:5 7c,10c,13c,16c,19c (n-3)	2.17%	140.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.95%	514.2
Total PUFA	30.71%	1978.7
18:3 9c,12c,15c (n-3)	2.34%	150.0
18:4 6c,9c,12c,15c (n-3)	0.82%	52.3
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.84%	54.3
20:4 8c,11c,14c,17c (n-3)	1.67%	107.5
20:5 5c,8c,11c,14c,17c (n-3)	3.79%	244.0
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	8.4
22:3 13c,16c,19c (n-3)	0.18%	11.4
22:5 7c,10c,13c,16c,19c (n-3)	2.17%	140.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.95%	514.0
Total Omega 3	19.88%	1282.2
18:2 9c,12c (n-6)	4.07%	261.2
18:3 6c 9c 12c (gamma)(n-6)	0.18%	11.5
20:2 11c,14c (n-6)	0.87%	56.1
20:3 8c,11c,14c (n-6)	0.28%	18.1
20:4 5c,8c,11c,14c (n-6)	2.72%	175.1
22:2 13c,16c (n-6)	0.17%	10.8
22:4 7c,10c,13c,16c (n-6)	0.51%	32.9
22:5 4c,7c,10c,13c,16c (n-6)	1.08%	69.6
Total Omega 6	9.87%	635.3
Total Fat (Sum of Fatty Acids)	100.00%	6415.6

Lab ID : 5264
 Client ID :
 Lake : Superior
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.8%	723.9
Total MUFA	47.6%	1340.2
Total PUFA	26.5%	750.9
Total Omega 3	16.8%	474.5
Total Omega 6	8.7%	245.6
Total Fat (Sum of Fatty Acids)	100.0%	2815.0
10:0	0.18%	5.0
12:0	0.10%	2.9
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	2.90%	80.8
Iso 15:0	0.26%	7.3
Anteiso 15:0	0.06%	1.8
15:0	0.31%	8.7
Iso 16:0	0.11%	3.1
Anteiso 16:0	0.06%	1.6
16:0	17.38%	487.2
Iso 17:0	0.29%	8.1
17:0	0.18%	5.2
Iso 18:0	0.05%	1.3
18:0	3.58%	100.9
20:0	0.12%	3.5
22:0	0.13%	3.8
23:0	0.10%	2.9
Total SFA	25.82%	723.9
12:1	0.00%	0.0
13:1	0.05%	1.3
14:1 9c	0.12%	3.2
15:1	0.00%	0.0
16:1 7c	0.78%	21.7
16:1 9c + 16:1 9t	11.51%	322.5
16:1 11c	0.23%	6.5
17:1 10c	0.34%	9.7
18:1 9c + 18:1 9t	26.49%	746.4
18:1 11c	5.78%	162.9
18:1 13c	0.00%	0.0
20:1 9c	0.08%	2.3
20:1 11c (n-9)	1.68%	47.4
20:1 13c (n-7)	0.58%	16.4
22:1 13c	0.00%	0.0
24:1 isomers	0.00%	0.0
Total MUFA	47.63%	1340.2
16:2 (n-6) + anteiso 17:0	0.05%	1.4
16:2 (n-4)	0.22%	6.2
16:3 (n-4)	0.09%	2.5

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.15%	4.3
16:4 (n-3)	0.06%	1.7
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.06%	1.8
18:2 8c,11c (n-7)	0.06%	1.8
18:2 9c,12c (n-6)	2.99%	84.2
18:2 11c,14c (n-4)	0.16%	4.6
18:3 6c 9c 12c (gamma)	0.18%	5.2
18:3 8c,11c,14c (n-4)	0.17%	4.8
18:3 9c,12c,15c (n-3)	1.40%	39.5
18:4 6c,9c,12c,15c (n-3)	0.42%	11.8
18:4 8c,11c,14c,17c (n-1)	0.05%	1.4
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.86%	24.4
20:3 8c,11c,14c (n-6)	0.26%	7.4
20:4 5c,8c,11c,14c (n-6)	2.60%	73.7
20:3 11c,14c,17c (n-3)	0.56%	15.9
20:4 8c,11c,14c,17c (n-3)	1.32%	37.4
20:5 5c,8c,11c,14c,17c (n-3)	2.67%	75.4
22:2 13c,16c (n-6)	0.22%	6.1
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	5.6
22:4 7c,10c,13c,16c (n-6)	0.65%	18.4
22:3 13c,16c,19c (n-3)	0.25%	7.0
22:5 4c,7c,10c,13c,16c (n-6)	0.92%	26.1
22:5 7c,10c,13c,16c,19c (n-3)	2.29%	65.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.65%	217.1
Total PUFA	26.55%	750.9
18:3 9c,12c,15c (n-3)	1.40%	39.5
18:4 6c,9c,12c,15c (n-3)	0.42%	11.8
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.56%	15.9
20:4 8c,11c,14c,17c (n-3)	1.32%	37.4
20:5 5c,8c,11c,14c,17c (n-3)	2.67%	75.4
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	5.5
22:3 13c,16c,19c (n-3)	0.25%	6.9
22:5 7c,10c,13c,16c,19c (n-3)	2.29%	65.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.65%	217.1
Total Omega 3	16.76%	474.5
18:2 9c,12c (n-6)	2.99%	84.2
18:3 6c 9c 12c (gamma)(n-6)	0.18%	5.2
20:2 11c,14c (n-6)	0.86%	24.4
20:3 8c,11c,14c (n-6)	0.26%	7.4
20:4 5c,8c,11c,14c (n-6)	2.60%	73.6
22:2 13c,16c (n-6)	0.22%	6.1
22:4 7c,10c,13c,16c (n-6)	0.65%	18.5
22:5 4c,7c,10c,13c,16c (n-6)	0.92%	26.1
Total Omega 6	8.69%	245.6
Total Fat (Sum of Fatty Acids)	100.00%	2815.0

Lab ID : 4815
 Client ID :
 Lake : Huron
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	30.8%	657.5
Total MUFA	37.9%	810.8
Total PUFA	31.3%	673.1
Total Omega 3	18.4%	397.0
Total Omega 6	9.6%	207.2
Total Fat (Sum of Fatty Acids)	100.0%	2141.3
10:0	0.25%	5.2
12:0	0.23%	4.8
13:0	0.00%	0.0
Anteiso 14:0	0.07%	1.4
14:0	3.46%	73.4
Iso 15:0	0.44%	9.4
Anteiso 15:0	0.24%	5.1
15:0	0.45%	9.6
Iso 16:0	0.14%	3.0
Anteiso 16:0	0.09%	1.8
16:0	20.54%	438.2
Iso 17:0	0.17%	3.6
17:0	0.37%	7.9
Iso 18:0	0.11%	2.5
18:0	3.85%	82.6
20:0	0.25%	5.3
22:0	0.17%	3.7
23:0	0.00%	0.0
Total SFA	30.83%	657.5
12:1	0.07%	1.5
13:1	0.25%	5.2
14:1 9c	0.12%	2.6
15:1	0.10%	2.0
16:1 7c	0.89%	19.0
16:1 9c + 16:1 9t	9.94%	212.0
16:1 11c	0.10%	2.1
17:1 10c	0.24%	5.1
18:1 9c + 18:1 9t	17.42%	373.5
18:1 11c	5.83%	125.0
18:1 13c	0.58%	12.4
20:1 9c	0.59%	12.8
20:1 11c (n-9)	1.13%	24.4
20:1 13c (n-7)	0.49%	10.5
22:1 13c	0.13%	2.8
24:1 isomers	0.00%	0.0
Total MUFA	37.87%	810.8
16:2 (n-6) + anteiso 17:0	1.09%	23.2
16:2 (n-4)	0.68%	14.6
16:3 (n-4)	0.38%	8.2

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.11%	2.4
16:4 (n-3)	0.12%	2.5
16:4 (n-1)	0.09%	1.9
18:2 5c,11c (n-7)	0.10%	2.1
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.29%	70.5
18:2 11c,14c (n-4)	0.26%	5.7
18:3 6c 9c 12c (gamma)	0.34%	7.3
18:3 8c,11c,14c (n-4)	0.27%	5.9
18:3 9c,12c,15c (n-3)	1.93%	41.3
18:4 6c,9c,12c,15c (n-3)	0.80%	17.1
18:4 8c,11c,14c,17c (n-1)	0.12%	2.5
18:5 3c,6c,9c,12c,15c (n-3)	0.08%	1.7
20:2 11c,14c (n-6)	0.78%	16.8
20:3 8c,11c,14c (n-6)	0.29%	6.3
20:4 5c,8c,11c,14c (n-6)	3.30%	71.0
20:3 11c,14c,17c (n-3)	0.51%	11.0
20:4 8c,11c,14c,17c (n-3)	0.73%	15.7
20:5 5c,8c,11c,14c,17c (n-3)	4.83%	103.8
22:2 13c,16c (n-6)	0.14%	3.0
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	4.0
22:4 7c,10c,13c,16c (n-6)	0.50%	10.8
22:3 13c,16c,19c (n-3)	0.13%	2.9
22:5 4c,7c,10c,13c,16c (n-6)	0.99%	21.4
22:5 7c,10c,13c,16c,19c (n-3)	1.91%	41.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.34%	158.3
Total PUFA	31.30%	673.1
18:3 9c,12c,15c (n-3)	1.93%	41.3
18:4 6c,9c,12c,15c (n-3)	0.80%	17.1
18:5 3c,6c,9c,12c,15c (n-3)	0.08%	1.7
20:3 11c,14c,17c (n-3)	0.51%	11.0
20:4 8c,11c,14c,17c (n-3)	0.73%	15.7
20:5 5c,8c,11c,14c,17c (n-3)	4.83%	103.8
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	4.0
22:3 13c,16c,19c (n-3)	0.13%	2.8
22:5 7c,10c,13c,16c,19c (n-3)	1.91%	41.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.34%	158.3
Total Omega 3	18.44%	397.0
18:2 9c,12c (n-6)	3.29%	70.5
18:3 6c 9c 12c (gamma)(n-6)	0.34%	7.3
20:2 11c,14c (n-6)	0.78%	16.8
20:3 8c,11c,14c (n-6)	0.29%	6.3
20:4 5c,8c,11c,14c (n-6)	3.30%	71.0
22:2 13c,16c (n-6)	0.14%	3.0
22:4 7c,10c,13c,16c (n-6)	0.50%	10.9
22:5 4c,7c,10c,13c,16c (n-6)	0.99%	21.4
Total Omega 6	9.64%	207.2
Total Fat (Sum of Fatty Acids)	100.00%	2141.3

Lab ID : 4821
 Client ID :
 Lake : Huron
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.6%	962.2
Total MUFA	46.3%	1680.3
Total PUFA	27.1%	986.9
Total Omega 3	16.4%	598.6
Total Omega 6	7.2%	262.3
Total Fat (Sum of Fatty Acids)	100.0%	3629.4
10:0	0.33%	11.5
12:0	0.24%	8.7
13:0	0.00%	0.0
Anteiso 14:0	0.06%	2.3
14:0	3.18%	114.2
Iso 15:0	0.29%	10.6
Anteiso 15:0	0.12%	4.3
15:0	0.32%	11.5
Iso 16:0	0.10%	3.6
Anteiso 16:0	0.05%	2.0
16:0	17.84%	645.5
Iso 17:0	0.09%	3.3
17:0	0.29%	10.5
Iso 18:0	0.06%	2.0
18:0	3.23%	117.3
20:0	0.22%	8.1
22:0	0.19%	6.9
23:0	0.00%	0.0
Total SFA	26.61%	962.2
12:1	0.06%	2.1
13:1	0.16%	5.7
14:1 9c	0.12%	4.2
15:1	0.08%	2.8
16:1 7c	0.56%	20.4
16:1 9c + 16:1 9t	17.83%	644.8
16:1 11c	0.09%	3.1
17:1 10c	0.14%	5.2
18:1 9c + 18:1 9t	18.79%	683.2
18:1 11c	6.02%	218.9
18:1 13c	0.42%	15.3
20:1 9c	0.51%	18.8
20:1 11c (n-9)	0.90%	32.7
20:1 13c (n-7)	0.54%	19.8
22:1 13c	0.09%	3.3
24:1 isomers	0.00%	0.0
Total MUFA	46.32%	1680.3
16:2 (n-6) + anteiso 17:0	0.79%	28.7
16:2 (n-4)	1.26%	45.7
16:3 (n-4)	0.30%	10.9

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.06%	2.2
16:4 (n-3)	0.06%	2.3
16:4 (n-1)	0.06%	2.1
18:2 5c,11c (n-7)	0.06%	2.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.43%	88.2
18:2 11c,14c (n-4)	0.25%	9.0
18:3 6c 9c 12c (gamma)	0.46%	16.6
18:3 8c,11c,14c (n-4)	0.39%	14.0
18:3 9c,12c,15c (n-3)	1.07%	38.9
18:4 6c,9c,12c,15c (n-3)	0.73%	26.4
18:4 8c,11c,14c,17c (n-1)	0.25%	9.1
18:5 3c,6c,9c,12c,15c (n-3)	0.19%	7.1
20:2 11c,14c (n-6)	0.54%	19.7
20:3 8c,11c,14c (n-6)	0.32%	11.8
20:4 5c,8c,11c,14c (n-6)	2.38%	87.0
20:3 11c,14c,17c (n-3)	0.24%	8.6
20:4 8c,11c,14c,17c (n-3)	0.49%	17.8
20:5 5c,8c,11c,14c,17c (n-3)	6.17%	224.9
22:2 13c,16c (n-6)	0.12%	4.3
21:5 6c,9c,12c,15c,18c (n-3)	0.15%	5.6
22:4 7c,10c,13c,16c (n-6)	0.48%	17.5
22:3 13c,16c,19c (n-3)	0.07%	2.5
22:5 4c,7c,10c,13c,16c (n-6)	0.47%	17.2
22:5 7c,10c,13c,16c,19c (n-3)	1.85%	67.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.45%	199.3
Total PUFA	27.07%	986.9
18:3 9c,12c,15c (n-3)	1.07%	38.8
18:4 6c,9c,12c,15c (n-3)	0.73%	26.4
18:5 3c,6c,9c,12c,15c (n-3)	0.19%	7.1
20:3 11c,14c,17c (n-3)	0.24%	8.6
20:4 8c,11c,14c,17c (n-3)	0.49%	17.8
20:5 5c,8c,11c,14c,17c (n-3)	6.17%	224.9
21:5 6c,9c,12c,15c,18c (n-3)	0.15%	5.6
22:3 13c,16c,19c (n-3)	0.07%	2.4
22:5 7c,10c,13c,16c,19c (n-3)	1.85%	67.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.45%	199.3
Total Omega 3	16.40%	598.6
18:2 9c,12c (n-6)	2.43%	88.2
18:3 6c 9c 12c (gamma)(n-6)	0.46%	16.6
20:2 11c,14c (n-6)	0.54%	19.7
20:3 8c,11c,14c (n-6)	0.32%	11.8
20:4 5c,8c,11c,14c (n-6)	2.38%	86.9
22:2 13c,16c (n-6)	0.12%	4.3
22:4 7c,10c,13c,16c (n-6)	0.48%	17.6
22:5 4c,7c,10c,13c,16c (n-6)	0.47%	17.2
Total Omega 6	7.20%	262.3
Total Fat (Sum of Fatty Acids)	100.00%	3629.4

Lab ID : 4834
 Client ID :
 Lake : Huron
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.0%	809.8
Total MUFA	44.9%	1401.5
Total PUFA	29.1%	912.1
Total Omega 3	16.5%	517.6
Total Omega 6	8.5%	266.0
Total Fat (Sum of Fatty Acids)	100.0%	3123.3
10:0	0.14%	4.3
12:0	0.18%	5.4
13:0	0.00%	0.0
Anteiso 14:0	0.05%	1.5
14:0	3.63%	112.4
Iso 15:0	0.07%	2.2
Anteiso 15:0	0.07%	2.0
15:0	0.36%	11.3
Iso 16:0	0.33%	10.1
Anteiso 16:0	0.08%	2.3
16:0	16.82%	523.5
Iso 17:0	0.15%	4.6
17:0	0.42%	13.1
Iso 18:0	0.10%	3.2
18:0	3.35%	104.7
20:0	0.14%	4.4
22:0	0.15%	4.7
23:0	0.00%	0.0
Total SFA	26.03%	809.8
12:1	0.12%	3.8
13:1	0.04%	1.4
14:1 9c	0.22%	6.7
15:1	0.06%	1.9
16:1 7c	0.94%	29.3
16:1 9c + 16:1 9t	13.90%	432.3
16:1 11c	0.84%	26.1
17:1 10c	0.11%	3.3
18:1 9c + 18:1 9t	19.44%	608.0
18:1 11c	6.02%	188.3
18:1 13c	0.81%	25.4
20:1 9c	0.85%	26.8
20:1 11c (n-9)	0.94%	29.4
20:1 13c (n-7)	0.42%	13.1
22:1 13c	0.18%	5.5
24:1 isomers	0.00%	0.0
Total MUFA	44.89%	1401.5
16:2 (n-6) + anteiso 17:0	1.46%	45.5
16:2 (n-4)	0.93%	28.8
16:3 (n-4)	0.26%	8.2

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.10%	3.1
16:4 (n-3)	0.05%	1.6
16:4 (n-1)	0.08%	2.5
18:2 5c,11c (n-7)	0.17%	5.2
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.66%	83.1
18:2 11c,14c (n-4)	0.37%	11.6
18:3 6c 9c 12c (gamma)	0.25%	7.7
18:3 8c,11c,14c (n-4)	0.54%	16.9
18:3 9c,12c,15c (n-3)	1.42%	44.4
18:4 6c,9c,12c,15c (n-3)	0.93%	28.9
18:4 8c,11c,14c,17c (n-1)	0.16%	5.0
18:5 3c,6c,9c,12c,15c (n-3)	0.09%	3.0
20:2 11c,14c (n-6)	0.64%	20.0
20:3 8c,11c,14c (n-6)	0.25%	7.7
20:4 5c,8c,11c,14c (n-6)	2.76%	86.8
20:3 11c,14c,17c (n-3)	0.36%	11.4
20:4 8c,11c,14c,17c (n-3)	0.90%	28.2
20:5 5c,8c,11c,14c,17c (n-3)	4.31%	135.2
22:2 13c,16c (n-6)	0.12%	3.8
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	3.3
22:4 7c,10c,13c,16c (n-6)	0.63%	19.7
22:3 13c,16c,19c (n-3)	0.08%	2.5
22:5 4c,7c,10c,13c,16c (n-6)	1.18%	37.2
22:5 7c,10c,13c,16c,19c (n-3)	1.91%	60.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.37%	200.4
Total PUFA	29.08%	912.1
18:3 9c,12c,15c (n-3)	1.42%	44.4
18:4 6c,9c,12c,15c (n-3)	0.93%	28.9
18:5 3c,6c,9c,12c,15c (n-3)	0.09%	3.0
20:3 11c,14c,17c (n-3)	0.36%	11.4
20:4 8c,11c,14c,17c (n-3)	0.90%	28.2
20:5 5c,8c,11c,14c,17c (n-3)	4.31%	135.2
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	3.3
22:3 13c,16c,19c (n-3)	0.08%	2.5
22:5 7c,10c,13c,16c,19c (n-3)	1.91%	60.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.37%	200.4
Total Omega 3	16.48%	517.6
18:2 9c,12c (n-6)	2.66%	83.1
18:3 6c 9c 12c (gamma)(n-6)	0.25%	7.7
20:2 11c,14c (n-6)	0.64%	20.0
20:3 8c,11c,14c (n-6)	0.25%	7.7
20:4 5c,8c,11c,14c (n-6)	2.76%	86.7
22:2 13c,16c (n-6)	0.12%	3.8
22:4 7c,10c,13c,16c (n-6)	0.63%	19.8
22:5 4c,7c,10c,13c,16c (n-6)	1.18%	37.1
Total Omega 6	8.48%	266.0
Total Fat (Sum of Fatty Acids)	100.00%	3123.3

Lab ID : 4835
 Client ID :
 Lake : Huron
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	24.5%	1236.1
Total MUFA	48.3%	2448.3
Total PUFA	27.2%	1381.2
Total Omega 3	15.2%	774.7
Total Omega 6	7.9%	402.3
Total Fat (Sum of Fatty Acids)	100.0%	5065.6
10:0	0.12%	6.1
12:0	0.10%	4.8
13:0	0.00%	0.0
Anteiso 14:0	0.04%	1.9
14:0	2.87%	144.1
Iso 15:0	0.52%	26.0
Anteiso 15:0	0.03%	1.3
15:0	0.27%	13.4
Iso 16:0	0.04%	2.1
Anteiso 16:0	0.06%	2.9
16:0	16.47%	831.6
Iso 17:0	0.10%	4.9
17:0	0.35%	17.6
Iso 18:0	0.05%	2.4
18:0	3.16%	160.4
20:0	0.16%	8.4
22:0	0.16%	8.2
23:0	0.00%	0.0
Total SFA	24.49%	1236.1
12:1	0.04%	2.2
13:1	0.17%	8.4
14:1 9c	0.18%	8.8
15:1	0.06%	3.1
16:1 7c	0.79%	40.1
16:1 9c + 16:1 9t	15.32%	773.1
16:1 11c	0.08%	3.9
17:1 10c	0.10%	4.9
18:1 9c + 18:1 9t	22.44%	1137.9
18:1 11c	6.09%	308.9
18:1 13c	0.58%	29.2
20:1 9c	0.99%	50.4
20:1 11c (n-9)	0.91%	46.4
20:1 13c (n-7)	0.49%	25.2
22:1 13c	0.11%	5.8
24:1 isomers	0.00%	0.0
Total MUFA	48.35%	2448.3
16:2 (n-6) + anteiso 17:0	1.73%	87.4
16:2 (n-4)	0.62%	31.1
16:3 (n-4)	0.26%	13.3

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.20%	10.3
16:4 (n-3)	0.05%	2.4
16:4 (n-1)	0.15%	7.5
18:2 5c,11c (n-7)	0.08%	4.1
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.35%	119.2
18:2 11c,14c (n-4)	0.39%	19.6
18:3 6c 9c 12c (gamma)	0.28%	14.2
18:3 8c,11c,14c (n-4)	0.41%	20.9
18:3 9c,12c,15c (n-3)	1.19%	60.1
18:4 6c,9c,12c,15c (n-3)	0.74%	37.4
18:4 8c,11c,14c,17c (n-1)	0.15%	7.6
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	6.0
20:2 11c,14c (n-6)	0.64%	32.5
20:3 8c,11c,14c (n-6)	0.36%	18.2
20:4 5c,8c,11c,14c (n-6)	2.28%	115.9
20:3 11c,14c,17c (n-3)	0.33%	16.6
20:4 8c,11c,14c,17c (n-3)	0.85%	43.3
20:5 5c,8c,11c,14c,17c (n-3)	4.21%	214.0
22:2 13c,16c (n-6)	0.17%	8.6
21:5 6c,9c,12c,15c,18c (n-3)	0.17%	8.8
22:4 7c,10c,13c,16c (n-6)	0.67%	34.1
22:3 13c,16c,19c (n-3)	0.12%	5.9
22:5 4c,7c,10c,13c,16c (n-6)	1.16%	59.4
22:5 7c,10c,13c,16c,19c (n-3)	1.86%	94.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.64%	288.2
Total PUFA	27.16%	1381.2
18:3 9c,12c,15c (n-3)	1.19%	60.1
18:4 6c,9c,12c,15c (n-3)	0.74%	37.4
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	6.0
20:3 11c,14c,17c (n-3)	0.33%	16.6
20:4 8c,11c,14c,17c (n-3)	0.85%	43.3
20:5 5c,8c,11c,14c,17c (n-3)	4.21%	214.0
21:5 6c,9c,12c,15c,18c (n-3)	0.17%	8.7
22:3 13c,16c,19c (n-3)	0.12%	5.9
22:5 7c,10c,13c,16c,19c (n-3)	1.86%	94.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.64%	288.1
Total Omega 3	15.21%	774.7
18:2 9c,12c (n-6)	2.35%	119.2
18:3 6c 9c 12c (gamma)(n-6)	0.28%	14.2
20:2 11c,14c (n-6)	0.64%	32.5
20:3 8c,11c,14c (n-6)	0.36%	18.2
20:4 5c,8c,11c,14c (n-6)	2.28%	115.8
22:2 13c,16c (n-6)	0.17%	8.6
22:4 7c,10c,13c,16c (n-6)	0.67%	34.3
22:5 4c,7c,10c,13c,16c (n-6)	1.16%	59.4
Total Omega 6	7.91%	402.3
Total Fat (Sum of Fatty Acids)	100.00%	5065.6

Lab ID : 4852
Client ID :
Lake : Huron
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.4%	767.6
Total MUFA	47.0%	1550.2
Total PUFA	29.6%	980.7
Total Omega 3	18.3%	605.5
Total Omega 6	7.7%	254.2
Total Fat (Sum of Fatty Acids)	100.0%	3298.6
10:0	0.19%	6.2
12:0	0.16%	5.3
13:0	0.00%	0.0
Anteiso 14:0	0.07%	2.4
14:0	3.55%	116.0
Iso 15:0	0.06%	1.8
Anteiso 15:0	0.06%	2.0
15:0	0.33%	10.9
Iso 16:0	0.11%	3.7
Anteiso 16:0	0.05%	1.8
16:0	15.26%	501.7
Iso 17:0	0.15%	4.8
17:0	0.30%	9.7
Iso 18:0	0.11%	3.5
18:0	2.58%	85.3
20:0	0.16%	5.4
22:0	0.21%	7.1
23:0	0.00%	0.0
Total SFA	23.36%	767.6
12:1	0.05%	1.7
13:1	0.20%	6.4
14:1 9c	0.17%	5.6
15:1	0.08%	2.7
16:1 7c	0.76%	25.1
16:1 9c + 16:1 9t	17.98%	590.9
16:1 11c	0.61%	20.1
17:1 10c	0.08%	2.7
18:1 9c + 18:1 9t	19.20%	634.1
18:1 11c	5.54%	183.1
18:1 13c	0.61%	20.0
20:1 9c	0.54%	17.9
20:1 11c (n-9)	0.74%	24.5
20:1 13c (n-7)	0.40%	13.3
22:1 13c	0.06%	1.9
24:1 isomers	0.00%	0.0
Total MUFA	47.03%	1550.2
16:2 (n-6) + anteiso 17:0	0.86%	28.2
16:2 (n-4)	1.28%	41.9
16:3 (n-4)	0.30%	9.8

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.07%	2.3
16:4 (n-3)	0.05%	1.5
16:4 (n-1)	0.05%	1.7
18:2 5c,11c (n-7)	0.04%	1.3
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.51%	83.0
18:2 11c,14c (n-4)	0.33%	10.9
18:3 6c 9c 12c (gamma)	0.39%	12.8
18:3 8c,11c,14c (n-4)	0.47%	15.5
18:3 9c,12c,15c (n-3)	1.10%	36.4
18:4 6c,9c,12c,15c (n-3)	1.22%	40.4
18:4 8c,11c,14c,17c (n-1)	0.24%	7.8
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	3.4
20:2 11c,14c (n-6)	0.50%	16.5
20:3 8c,11c,14c (n-6)	0.36%	11.8
20:4 5c,8c,11c,14c (n-6)	2.22%	73.5
20:3 11c,14c,17c (n-3)	0.31%	10.2
20:4 8c,11c,14c,17c (n-3)	0.90%	29.7
20:5 5c,8c,11c,14c,17c (n-3)	5.46%	181.1
22:2 13c,16c (n-6)	0.15%	4.9
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	6.0
22:4 7c,10c,13c,16c (n-6)	0.41%	13.5
22:3 13c,16c,19c (n-3)	0.17%	5.7
22:5 4c,7c,10c,13c,16c (n-6)	1.15%	38.2
22:5 7c,10c,13c,16c,19c (n-3)	2.13%	71.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.67%	221.8
Total PUFA	29.60%	980.7
18:3 9c,12c,15c (n-3)	1.10%	36.4
18:4 6c,9c,12c,15c (n-3)	1.22%	40.4
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	3.4
20:3 11c,14c,17c (n-3)	0.31%	10.2
20:4 8c,11c,14c,17c (n-3)	0.90%	29.7
20:5 5c,8c,11c,14c,17c (n-3)	5.46%	181.1
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	6.0
22:3 13c,16c,19c (n-3)	0.17%	5.7
22:5 7c,10c,13c,16c,19c (n-3)	2.13%	71.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.67%	221.8
Total Omega 3	18.25%	605.5
18:2 9c,12c (n-6)	2.51%	83.0
18:3 6c 9c 12c (gamma)(n-6)	0.39%	12.8
20:2 11c,14c (n-6)	0.50%	16.5
20:3 8c,11c,14c (n-6)	0.36%	11.8
20:4 5c,8c,11c,14c (n-6)	2.22%	73.5
22:2 13c,16c (n-6)	0.15%	4.9
22:4 7c,10c,13c,16c (n-6)	0.41%	13.6
22:5 4c,7c,10c,13c,16c (n-6)	1.15%	38.2
Total Omega 6	7.67%	254.2
Total Fat (Sum of Fatty Acids)	100.00%	3298.6

Lab ID : 4814
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.2%	2048.0
Total MUFA	42.5%	3940.0
Total PUFA	35.4%	3295.4
Total Omega 3	22.3%	2079.7
Total Omega 6	11.4%	1057.4
Total Fat (Sum of Fatty Acids)	100.0%	9283.4
10:0	0.02%	2.2
12:0	0.06%	5.3
13:0	0.02%	2.0
Anteiso 14:0	0.00%	0.0
14:0	3.46%	317.6
Iso 15:0	0.31%	28.5
Anteiso 15:0	0.07%	6.3
15:0	0.32%	29.1
Iso 16:0	0.21%	19.1
Anteiso 16:0	0.02%	1.9
16:0	14.23%	1314.9
Iso 17:0	0.35%	32.7
17:0	0.25%	23.0
Iso 18:0	0.02%	1.9
18:0	2.57%	238.9
20:0	0.11%	10.6
22:0	0.07%	6.2
23:0	0.08%	7.9
Total SFA	22.17%	2048.0
12:1	0.00%	0.0
13:1	0.03%	3.0
14:1 9c	0.13%	11.7
15:1	0.00%	0.0
16:1 7c	0.63%	57.8
16:1 9c + 16:1 9t	10.17%	939.9
16:1 11c	0.25%	22.8
17:1 10c	0.36%	33.4
18:1 9c + 18:1 9t	23.75%	2205.7
18:1 11c	5.07%	471.2
18:1 13c	0.31%	28.6
20:1 9c	0.07%	6.1
20:1 11c (n-9)	1.13%	105.1
20:1 13c (n-7)	0.42%	39.5
22:1 13c	0.16%	15.1
24:1 isomers	0.00%	0.0
Total MUFA	42.48%	3940.0
16:2 (n-6) + anteiso 17:0	0.61%	56.6
16:2 (n-4)	0.26%	23.9
16:3 (n-4)	0.09%	8.5

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.04%	3.7
16:4 (n-3)	0.02%	2.3
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.09%	7.9
18:2 8c,11c (n-7)	0.07%	6.5
18:2 9c,12c (n-6)	4.08%	378.6
18:2 11c,14c (n-4)	0.22%	20.6
18:3 6c 9c 12c (gamma)	0.27%	24.6
18:3 8c,11c,14c (n-4)	0.24%	22.1
18:3 9c,12c,15c (n-3)	2.25%	208.6
18:4 6c,9c,12c,15c (n-3)	0.91%	84.1
18:4 8c,11c,14c,17c (n-1)	0.06%	5.8
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	6.1
20:2 11c,14c (n-6)	1.03%	96.1
20:3 8c,11c,14c (n-6)	0.34%	31.4
20:4 5c,8c,11c,14c (n-6)	2.99%	278.3
20:3 11c,14c,17c (n-3)	0.91%	85.1
20:4 8c,11c,14c,17c (n-3)	2.01%	187.4
20:5 5c,8c,11c,14c,17c (n-3)	4.04%	376.8
22:2 13c,16c (n-6)	0.21%	20.0
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	18.7
22:4 7c,10c,13c,16c (n-6)	0.81%	75.1
22:3 13c,16c,19c (n-3)	0.25%	23.9
22:5 4c,7c,10c,13c,16c (n-6)	1.64%	153.1
22:5 7c,10c,13c,16c,19c (n-3)	2.80%	261.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.86%	828.2
Total PUFA	35.35%	3295.4
18:3 9c,12c,15c (n-3)	2.25%	208.5
18:4 6c,9c,12c,15c (n-3)	0.91%	84.1
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	6.1
20:3 11c,14c,17c (n-3)	0.91%	85.1
20:4 8c,11c,14c,17c (n-3)	2.01%	187.4
20:5 5c,8c,11c,14c,17c (n-3)	4.04%	376.8
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	18.7
22:3 13c,16c,19c (n-3)	0.25%	23.8
22:5 7c,10c,13c,16c,19c (n-3)	2.80%	261.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.86%	828.0
Total Omega 3	22.29%	2079.7
18:2 9c,12c (n-6)	4.08%	378.6
18:3 6c 9c 12c (gamma)(n-6)	0.27%	24.6
20:2 11c,14c (n-6)	1.03%	96.1
20:3 8c,11c,14c (n-6)	0.34%	31.4
20:4 5c,8c,11c,14c (n-6)	2.99%	278.2
22:2 13c,16c (n-6)	0.21%	20.0
22:4 7c,10c,13c,16c (n-6)	0.81%	75.3
22:5 4c,7c,10c,13c,16c (n-6)	1.64%	153.1
Total Omega 6	11.35%	1057.4
Total Fat (Sum of Fatty Acids)	100.00%	9283.4

Lab ID : 4823
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.9%	1984.1
Total MUFA	43.2%	3199.4
Total PUFA	29.9%	2229.9
Total Omega 3	18.8%	1404.4
Total Omega 6	9.4%	701.9
Total Fat (Sum of Fatty Acids)	100.0%	7413.4
10:0	0.06%	4.0
12:0	0.06%	4.6
13:0	0.03%	1.9
Anteiso 14:0	0.00%	0.0
14:0	3.65%	267.8
Iso 15:0	0.33%	24.1
Anteiso 15:0	0.07%	4.8
15:0	0.36%	26.3
Iso 16:0	0.19%	14.4
Anteiso 16:0	0.02%	1.6
16:0	17.95%	1325.3
Iso 17:0	0.42%	31.0
17:0	0.27%	19.6
Iso 18:0	0.04%	3.0
18:0	3.14%	232.8
20:0	0.20%	14.6
22:0	0.11%	8.3
23:0	0.00%	0.0
Total SFA	26.88%	1984.1
12:1	0.00%	0.0
13:1	0.04%	3.1
14:1 9c	0.13%	9.3
15:1	0.00%	0.0
16:1 7c	0.66%	48.9
16:1 9c + 16:1 9t	10.26%	757.4
16:1 11c	0.26%	19.4
17:1 10c	0.40%	29.2
18:1 9c + 18:1 9t	24.29%	1802.5
18:1 11c	5.09%	377.3
18:1 13c	0.30%	22.4
20:1 9c	0.12%	8.7
20:1 11c (n-9)	1.12%	83.2
20:1 13c (n-7)	0.38%	28.1
22:1 13c	0.13%	9.9
24:1 isomers	0.00%	0.0
Total MUFA	43.18%	3199.4
16:2 (n-6) + anteiso 17:0	0.66%	49.0
16:2 (n-4)	0.23%	16.9
16:3 (n-4)	0.09%	6.8

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.18%	12.9
16:4 (n-3)	0.07%	4.8
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.41%	252.7
18:2 11c,14c (n-4)	0.19%	14.4
18:3 6c 9c 12c (gamma)	0.20%	14.9
18:3 8c,11c,14c (n-4)	0.25%	18.5
18:3 9c,12c,15c (n-3)	2.01%	149.0
18:4 6c,9c,12c,15c (n-3)	0.73%	53.9
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.92%	68.2
20:3 8c,11c,14c (n-6)	0.25%	18.6
20:4 5c,8c,11c,14c (n-6)	2.60%	193.9
20:3 11c,14c,17c (n-3)	0.70%	52.2
20:4 8c,11c,14c,17c (n-3)	1.54%	114.7
20:5 5c,8c,11c,14c,17c (n-3)	3.54%	263.7
22:2 13c,16c (n-6)	0.22%	16.1
21:5 6c,9c,12c,15c,18c (n-3)	0.14%	10.8
22:4 7c,10c,13c,16c (n-6)	0.59%	43.7
22:3 13c,16c,19c (n-3)	0.31%	22.9
22:5 4c,7c,10c,13c,16c (n-6)	1.25%	93.6
22:5 7c,10c,13c,16c,19c (n-3)	1.99%	149.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.88%	588.6
Total PUFA	29.95%	2229.9
18:3 9c,12c,15c (n-3)	2.01%	148.9
18:4 6c,9c,12c,15c (n-3)	0.73%	53.9
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.70%	52.2
20:4 8c,11c,14c,17c (n-3)	1.54%	114.7
20:5 5c,8c,11c,14c,17c (n-3)	3.54%	263.7
21:5 6c,9c,12c,15c,18c (n-3)	0.14%	10.8
22:3 13c,16c,19c (n-3)	0.31%	22.8
22:5 7c,10c,13c,16c,19c (n-3)	1.99%	149.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.88%	588.4
Total Omega 3	18.84%	1404.4
18:2 9c,12c (n-6)	3.41%	252.7
18:3 6c 9c 12c (gamma)(n-6)	0.20%	14.9
20:2 11c,14c (n-6)	0.92%	68.2
20:3 8c,11c,14c (n-6)	0.25%	18.6
20:4 5c,8c,11c,14c (n-6)	2.60%	193.9
22:2 13c,16c (n-6)	0.22%	16.1
22:4 7c,10c,13c,16c (n-6)	0.59%	43.8
22:5 4c,7c,10c,13c,16c (n-6)	1.25%	93.6
Total Omega 6	9.43%	701.9
Total Fat (Sum of Fatty Acids)	100.00%	7413.4

Lab ID : 4824
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	27.2%	2152.2
Total MUFA	52.1%	4135.3
Total PUFA	20.7%	1648.4
Total Omega 3	11.9%	948.7
Total Omega 6	7.2%	575.7
Total Fat (Sum of Fatty Acids)	100.0%	7935.9
10:0	0.05%	3.8
12:0	0.09%	7.3
13:0	0.02%	1.9
Anteiso 14:0	0.00%	0.0
14:0	3.75%	294.9
Iso 15:0	0.33%	26.4
Anteiso 15:0	0.06%	4.8
15:0	0.36%	28.0
Iso 16:0	0.28%	21.8
Anteiso 16:0	0.04%	3.1
16:0	18.06%	1428.4
Iso 17:0	0.42%	33.4
17:0	0.25%	20.1
Iso 18:0	0.06%	5.1
18:0	3.30%	262.3
20:0	0.14%	10.8
22:0	0.00%	0.0
23:0	0.00%	0.0
Total SFA	27.23%	2152.2
12:1	0.00%	0.0
13:1	0.03%	2.1
14:1 9c	0.13%	10.4
15:1	0.02%	1.9
16:1 7c	0.71%	55.8
16:1 9c + 16:1 9t	11.68%	923.2
16:1 11c	0.23%	18.4
17:1 10c	0.39%	30.6
18:1 9c + 18:1 9t	30.06%	2388.3
18:1 11c	5.80%	461.1
18:1 13c	0.35%	27.4
20:1 9c	0.17%	13.6
20:1 11c (n-9)	1.61%	128.6
20:1 13c (n-7)	0.29%	23.5
22:1 13c	0.23%	18.5
24:1 isomers	0.39%	31.7
Total MUFA	52.10%	4135.3
16:2 (n-6) + anteiso 17:0	0.59%	46.7
16:2 (n-4)	0.17%	13.5
16:3 (n-4)	0.10%	7.9

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.24%	19.0
16:4 (n-3)	0.08%	6.5
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.86%	227.3
18:2 11c,14c (n-4)	0.17%	13.3
18:3 6c 9c 12c (gamma)	0.20%	16.1
18:3 8c,11c,14c (n-4)	0.21%	16.8
18:3 9c,12c,15c (n-3)	1.39%	110.8
18:4 6c,9c,12c,15c (n-3)	0.46%	36.2
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.77%	61.2
20:3 8c,11c,14c (n-6)	0.24%	19.3
20:4 5c,8c,11c,14c (n-6)	1.77%	140.9
20:3 11c,14c,17c (n-3)	0.49%	39.4
20:4 8c,11c,14c,17c (n-3)	1.02%	81.6
20:5 5c,8c,11c,14c,17c (n-3)	2.34%	186.2
22:2 13c,16c (n-6)	0.15%	12.4
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	9.6
22:4 7c,10c,13c,16c (n-6)	0.44%	35.1
22:3 13c,16c,19c (n-3)	0.15%	12.0
22:5 4c,7c,10c,13c,16c (n-6)	0.79%	63.3
22:5 7c,10c,13c,16c,19c (n-3)	1.39%	110.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	4.53%	362.2
Total PUFA	20.68%	1648.4
18:3 9c,12c,15c (n-3)	1.39%	110.7
18:4 6c,9c,12c,15c (n-3)	0.46%	36.2
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.49%	39.4
20:4 8c,11c,14c,17c (n-3)	1.02%	81.6
20:5 5c,8c,11c,14c,17c (n-3)	2.34%	186.2
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	9.6
22:3 13c,16c,19c (n-3)	0.15%	12.0
22:5 7c,10c,13c,16c,19c (n-3)	1.39%	110.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	4.53%	362.1
Total Omega 3	11.89%	948.7
18:2 9c,12c (n-6)	2.86%	227.3
18:3 6c 9c 12c (gamma)(n-6)	0.20%	16.1
20:2 11c,14c (n-6)	0.77%	61.2
20:3 8c,11c,14c (n-6)	0.24%	19.3
20:4 5c,8c,11c,14c (n-6)	1.77%	140.9
22:2 13c,16c (n-6)	0.15%	12.4
22:4 7c,10c,13c,16c (n-6)	0.44%	35.2
22:5 4c,7c,10c,13c,16c (n-6)	0.79%	63.3
Total Omega 6	7.23%	575.7
Total Fat (Sum of Fatty Acids)	100.00%	7935.9

Lab ID : 4828
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	24.4%	1941.8
Total MUFA	43.8%	3494.4
Total PUFA	31.8%	2545.4
Total Omega 3	19.5%	1562.0
Total Omega 6	10.3%	821.1
Total Fat (Sum of Fatty Acids)	100.0%	7981.6
10:0	0.05%	4.2
12:0	0.06%	4.8
13:0	0.02%	1.8
Anteiso 14:0	0.00%	0.0
14:0	3.13%	247.3
Iso 15:0	0.31%	24.3
Anteiso 15:0	0.06%	4.7
15:0	0.33%	25.9
Iso 16:0	0.21%	16.5
Anteiso 16:0	0.00%	0.0
16:0	16.07%	1277.0
Iso 17:0	0.47%	37.2
17:0	0.27%	21.4
Iso 18:0	0.05%	3.9
18:0	3.03%	241.8
20:0	0.20%	15.8
22:0	0.12%	9.4
23:0	0.07%	5.9
Total SFA	24.43%	1941.8
12:1	0.00%	0.0
13:1	0.04%	3.2
14:1 9c	0.10%	8.1
15:1	0.00%	0.0
16:1 7c	0.68%	53.8
16:1 9c + 16:1 9t	9.72%	771.8
16:1 11c	0.25%	20.2
17:1 10c	0.42%	33.8
18:1 9c + 18:1 9t	25.14%	2008.0
18:1 11c	5.31%	424.4
18:1 13c	0.31%	24.6
20:1 9c	0.12%	9.4
20:1 11c (n-9)	1.15%	92.5
20:1 13c (n-7)	0.37%	29.5
22:1 13c	0.19%	15.2
24:1 isomers	0.00%	0.0
Total MUFA	43.81%	3494.4
16:2 (n-6) + anteiso 17:0	0.65%	52.0
16:2 (n-4)	0.25%	19.5
16:3 (n-4)	0.08%	6.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.20%	15.5
16:4 (n-3)	0.05%	3.8
16:4 (n-1)	0.06%	4.7
18:2 5c,11c (n-7)	0.10%	7.8
18:2 8c,11c (n-7)	0.09%	7.3
18:2 9c,12c (n-6)	3.63%	289.6
18:2 11c,14c (n-4)	0.24%	18.8
18:3 6c 9c 12c (gamma)	0.24%	19.3
18:3 8c,11c,14c (n-4)	0.26%	20.6
18:3 9c,12c,15c (n-3)	1.96%	156.2
18:4 6c,9c,12c,15c (n-3)	0.70%	55.9
18:4 8c,11c,14c,17c (n-1)	0.08%	6.0
18:5 3c,6c,9c,12c,15c (n-3)	0.08%	6.8
20:2 11c,14c (n-6)	0.85%	68.3
20:3 8c,11c,14c (n-6)	0.31%	25.2
20:4 5c,8c,11c,14c (n-6)	2.81%	225.2
20:3 11c,14c,17c (n-3)	0.82%	65.5
20:4 8c,11c,14c,17c (n-3)	1.60%	128.2
20:5 5c,8c,11c,14c,17c (n-3)	3.54%	283.6
22:2 13c,16c (n-6)	0.22%	17.3
21:5 6c,9c,12c,15c,18c (n-3)	0.17%	13.7
22:4 7c,10c,13c,16c (n-6)	0.69%	55.5
22:3 13c,16c,19c (n-3)	0.26%	20.8
22:5 4c,7c,10c,13c,16c (n-6)	1.50%	120.4
22:5 7c,10c,13c,16c,19c (n-3)	2.40%	193.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.94%	638.4
Total PUFA	31.76%	2545.4
18:3 9c,12c,15c (n-3)	1.96%	156.1
18:4 6c,9c,12c,15c (n-3)	0.70%	55.9
18:5 3c,6c,9c,12c,15c (n-3)	0.08%	6.8
20:3 11c,14c,17c (n-3)	0.82%	65.5
20:4 8c,11c,14c,17c (n-3)	1.60%	128.2
20:5 5c,8c,11c,14c,17c (n-3)	3.54%	283.6
21:5 6c,9c,12c,15c,18c (n-3)	0.17%	13.7
22:3 13c,16c,19c (n-3)	0.26%	20.7
22:5 7c,10c,13c,16c,19c (n-3)	2.40%	193.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.94%	638.2
Total Omega 3	19.47%	1562.0
18:2 9c,12c (n-6)	3.63%	289.6
18:3 6c 9c 12c (gamma)(n-6)	0.24%	19.3
20:2 11c,14c (n-6)	0.85%	68.3
20:3 8c,11c,14c (n-6)	0.31%	25.2
20:4 5c,8c,11c,14c (n-6)	2.81%	225.2
22:2 13c,16c (n-6)	0.22%	17.3
22:4 7c,10c,13c,16c (n-6)	0.69%	55.7
22:5 4c,7c,10c,13c,16c (n-6)	1.50%	120.4
Total Omega 6	10.25%	821.1
Total Fat (Sum of Fatty Acids)	100.00%	7981.6

Lab ID : 4829
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	24.9%	1292.6
Total MUFA	44.3%	2313.0
Total PUFA	30.8%	1612.1
Total Omega 3	18.2%	956.0
Total Omega 6	10.7%	558.9
Total Fat (Sum of Fatty Acids)	100.0%	5217.7
10:0	0.07%	3.3
12:0	0.05%	2.8
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.44%	177.5
Iso 15:0	0.31%	16.3
Anteiso 15:0	0.07%	3.6
15:0	0.35%	17.9
Iso 16:0	0.24%	12.5
Anteiso 16:0	0.00%	0.0
16:0	16.35%	849.5
Iso 17:0	0.51%	26.7
17:0	0.24%	12.4
Iso 18:0	0.05%	2.8
18:0	2.94%	153.7
20:0	0.15%	7.8
22:0	0.11%	5.8
23:0	0.00%	0.0
Total SFA	24.89%	1292.6
12:1	0.00%	0.0
13:1	0.04%	2.2
14:1 9c	0.09%	4.7
15:1	0.00%	0.0
16:1 7c	0.73%	37.8
16:1 9c + 16:1 9t	8.92%	463.4
16:1 11c	0.23%	12.1
17:1 10c	0.41%	21.4
18:1 9c + 18:1 9t	25.75%	1344.6
18:1 11c	5.36%	279.9
18:1 13c	0.25%	12.9
20:1 9c	0.16%	8.5
20:1 11c (n-9)	1.39%	72.7
20:1 13c (n-7)	0.43%	22.6
22:1 13c	0.19%	9.9
24:1 isomers	0.38%	20.2
Total MUFA	44.34%	2313.0
16:2 (n-6) + anteiso 17:0	0.67%	34.7
16:2 (n-4)	0.21%	11.1
16:3 (n-4)	0.05%	2.8

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.21%	10.6
16:4 (n-3)	0.08%	4.1
16:4 (n-1)	0.10%	5.2
18:2 5c,11c (n-7)	0.10%	5.0
18:2 8c,11c (n-7)	0.07%	3.9
18:2 9c,12c (n-6)	3.82%	199.6
18:2 11c,14c (n-4)	0.18%	9.5
18:3 6c 9c 12c (gamma)	0.25%	13.3
18:3 8c,11c,14c (n-4)	0.19%	10.1
18:3 9c,12c,15c (n-3)	1.90%	99.3
18:4 6c,9c,12c,15c (n-3)	0.69%	36.2
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	5.0
20:2 11c,14c (n-6)	0.83%	43.4
20:3 8c,11c,14c (n-6)	0.29%	15.2
20:4 5c,8c,11c,14c (n-6)	2.95%	154.6
20:3 11c,14c,17c (n-3)	0.72%	37.6
20:4 8c,11c,14c,17c (n-3)	1.65%	86.6
20:5 5c,8c,11c,14c,17c (n-3)	3.53%	184.9
22:2 13c,16c (n-6)	0.16%	8.7
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	6.0
22:4 7c,10c,13c,16c (n-6)	0.76%	40.0
22:3 13c,16c,19c (n-3)	0.20%	10.6
22:5 4c,7c,10c,13c,16c (n-6)	1.60%	84.1
22:5 7c,10c,13c,16c,19c (n-3)	2.39%	125.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.93%	364.5
Total PUFA	30.77%	1612.1
18:3 9c,12c,15c (n-3)	1.90%	99.3
18:4 6c,9c,12c,15c (n-3)	0.69%	36.2
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	5.0
20:3 11c,14c,17c (n-3)	0.72%	37.6
20:4 8c,11c,14c,17c (n-3)	1.65%	86.6
20:5 5c,8c,11c,14c,17c (n-3)	3.53%	184.9
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	5.9
22:3 13c,16c,19c (n-3)	0.20%	10.6
22:5 7c,10c,13c,16c,19c (n-3)	2.39%	125.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.93%	364.4
Total Omega 3	18.23%	956.0
18:2 9c,12c (n-6)	3.82%	199.6
18:3 6c 9c 12c (gamma)(n-6)	0.25%	13.3
20:2 11c,14c (n-6)	0.83%	43.4
20:3 8c,11c,14c (n-6)	0.29%	15.2
20:4 5c,8c,11c,14c (n-6)	2.95%	154.6
22:2 13c,16c (n-6)	0.16%	8.7
22:4 7c,10c,13c,16c (n-6)	0.76%	40.2
22:5 4c,7c,10c,13c,16c (n-6)	1.60%	84.1
Total Omega 6	10.67%	558.9
Total Fat (Sum of Fatty Acids)	100.00%	5217.7

Lab ID : 4830
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	27.4%	1551.6
Total MUFA	48.0%	2726.3
Total PUFA	24.6%	1401.9
Total Omega 3	14.1%	805.2
Total Omega 6	8.6%	488.1
Total Fat (Sum of Fatty Acids)	100.0%	5679.8
10:0	0.05%	2.6
12:0	0.08%	4.6
13:0	0.03%	1.9
Anteiso 14:0	0.00%	0.0
14:0	3.64%	204.6
Iso 15:0	0.33%	18.3
Anteiso 15:0	0.06%	3.4
15:0	0.35%	19.8
Iso 16:0	0.23%	12.9
Anteiso 16:0	0.02%	1.2
16:0	17.98%	1017.5
Iso 17:0	0.60%	33.8
17:0	0.32%	18.4
Iso 18:0	0.08%	4.3
18:0	3.43%	194.8
20:0	0.16%	9.4
22:0	0.07%	3.9
23:0	0.00%	0.0
Total SFA	27.43%	1551.6
12:1	0.00%	0.0
13:1	0.05%	2.9
14:1 9c	0.11%	6.3
15:1	0.02%	1.2
16:1 7c	0.78%	44.3
16:1 9c + 16:1 9t	10.17%	575.0
16:1 11c	0.26%	14.5
17:1 10c	0.43%	24.4
18:1 9c + 18:1 9t	27.61%	1569.8
18:1 11c	5.56%	316.0
18:1 13c	0.38%	21.5
20:1 9c	0.17%	9.5
20:1 11c (n-9)	1.43%	81.5
20:1 13c (n-7)	0.49%	27.7
22:1 13c	0.20%	11.4
24:1 isomers	0.35%	20.1
Total MUFA	48.00%	2726.3
16:2 (n-6) + anteiso 17:0	0.77%	43.6
16:2 (n-4)	0.23%	12.8
16:3 (n-4)	0.07%	4.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.07%	4.2
16:4 (n-3)	0.07%	3.8
16:4 (n-1)	0.04%	2.2
18:2 5c,11c (n-7)	0.12%	6.9
18:2 8c,11c (n-7)	0.08%	4.7
18:2 9c,12c (n-6)	3.31%	188.3
18:2 11c,14c (n-4)	0.20%	11.4
18:3 6c 9c 12c (gamma)	0.21%	12.1
18:3 8c,11c,14c (n-4)	0.19%	10.6
18:3 9c,12c,15c (n-3)	1.57%	89.2
18:4 6c,9c,12c,15c (n-3)	0.71%	40.3
18:4 8c,11c,14c,17c (n-1)	0.08%	4.4
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.78%	44.5
20:3 8c,11c,14c (n-6)	0.27%	15.2
20:4 5c,8c,11c,14c (n-6)	2.16%	123.0
20:3 11c,14c,17c (n-3)	0.63%	35.8
20:4 8c,11c,14c,17c (n-3)	1.20%	68.7
20:5 5c,8c,11c,14c,17c (n-3)	2.55%	145.6
22:2 13c,16c (n-6)	0.20%	11.7
21:5 6c,9c,12c,15c,18c (n-3)	0.17%	9.5
22:4 7c,10c,13c,16c (n-6)	0.53%	30.2
22:3 13c,16c,19c (n-3)	0.20%	11.2
22:5 4c,7c,10c,13c,16c (n-6)	1.10%	63.2
22:5 7c,10c,13c,16c,19c (n-3)	1.60%	91.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.47%	313.3
Total PUFA	24.58%	1401.9
18:3 9c,12c,15c (n-3)	1.57%	89.2
18:4 6c,9c,12c,15c (n-3)	0.71%	40.3
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.63%	35.8
20:4 8c,11c,14c,17c (n-3)	1.20%	68.7
20:5 5c,8c,11c,14c,17c (n-3)	2.55%	145.6
21:5 6c,9c,12c,15c,18c (n-3)	0.17%	9.5
22:3 13c,16c,19c (n-3)	0.20%	11.1
22:5 7c,10c,13c,16c,19c (n-3)	1.60%	91.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.47%	313.2
Total Omega 3	14.10%	805.2
18:2 9c,12c (n-6)	3.31%	188.3
18:3 6c 9c 12c (gamma)(n-6)	0.21%	12.1
20:2 11c,14c (n-6)	0.78%	44.5
20:3 8c,11c,14c (n-6)	0.27%	15.2
20:4 5c,8c,11c,14c (n-6)	2.16%	123.0
22:2 13c,16c (n-6)	0.20%	11.7
22:4 7c,10c,13c,16c (n-6)	0.53%	30.3
22:5 4c,7c,10c,13c,16c (n-6)	1.10%	63.2
Total Omega 6	8.56%	488.1
Total Fat (Sum of Fatty Acids)	100.00%	5679.8

Lab ID : 4837
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.4%	897.8
Total MUFA	46.7%	1654.1
Total PUFA	27.9%	994.1
Total Omega 3	16.1%	574.4
Total Omega 6	9.8%	350.3
Total Fat (Sum of Fatty Acids)	100.0%	3545.9
10:0	0.28%	9.5
12:0	0.05%	1.9
13:0	0.04%	1.2
Anteiso 14:0	0.00%	0.0
14:0	3.21%	112.7
Iso 15:0	0.35%	12.4
Anteiso 15:0	0.06%	2.3
15:0	0.36%	12.8
Iso 16:0	0.21%	7.3
Anteiso 16:0	0.07%	2.4
16:0	16.06%	567.3
Iso 17:0	0.46%	16.2
17:0	0.35%	12.3
Iso 18:0	0.09%	3.0
18:0	3.53%	125.3
20:0	0.15%	5.2
22:0	0.17%	5.9
23:0	0.00%	0.0
Total SFA	25.42%	897.8
12:1	0.00%	0.0
13:1	0.08%	2.6
14:1 9c	0.11%	3.7
15:1	0.06%	2.3
16:1 7c	0.72%	25.5
16:1 9c + 16:1 9t	11.01%	388.5
16:1 11c	0.26%	9.3
17:1 10c	0.51%	18.0
18:1 9c + 18:1 9t	25.30%	897.8
18:1 11c	6.07%	215.6
18:1 13c	0.29%	10.4
20:1 9c	0.20%	7.3
20:1 11c (n-9)	1.11%	39.4
20:1 13c (n-7)	0.40%	14.3
22:1 13c	0.19%	6.9
24:1 isomers	0.35%	12.5
Total MUFA	46.66%	1654.1
16:2 (n-6) + anteiso 17:0	0.57%	20.3
16:2 (n-4)	0.39%	13.9
16:3 (n-4)	0.16%	5.8

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.07%	2.6
16:4 (n-3)	0.10%	3.4
16:4 (n-1)	0.00%	0.0
18:2 5c,11c (n-7)	0.10%	3.4
18:2 8c,11c (n-7)	0.08%	2.7
18:2 9c,12c (n-6)	3.31%	117.5
18:2 11c,14c (n-4)	0.24%	8.5
18:3 6c 9c 12c (gamma)	0.28%	9.9
18:3 8c,11c,14c (n-4)	0.25%	8.8
18:3 9c,12c,15c (n-3)	1.68%	59.7
18:4 6c,9c,12c,15c (n-3)	0.72%	25.4
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.08%	2.9
20:2 11c,14c (n-6)	0.65%	23.0
20:3 8c,11c,14c (n-6)	0.34%	12.2
20:4 5c,8c,11c,14c (n-6)	2.96%	105.5
20:3 11c,14c,17c (n-3)	0.49%	17.4
20:4 8c,11c,14c,17c (n-3)	1.18%	42.1
20:5 5c,8c,11c,14c,17c (n-3)	3.30%	117.5
22:2 13c,16c (n-6)	0.16%	5.6
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	3.3
22:4 7c,10c,13c,16c (n-6)	0.74%	26.3
22:3 13c,16c,19c (n-3)	0.09%	3.1
22:5 4c,7c,10c,13c,16c (n-6)	1.40%	50.2
22:5 7c,10c,13c,16c,19c (n-3)	2.32%	83.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.16%	220.1
Total PUFA	27.91%	994.1
18:3 9c,12c,15c (n-3)	1.68%	59.7
18:4 6c,9c,12c,15c (n-3)	0.72%	25.4
18:5 3c,6c,9c,12c,15c (n-3)	0.08%	2.9
20:3 11c,14c,17c (n-3)	0.49%	17.4
20:4 8c,11c,14c,17c (n-3)	1.18%	42.1
20:5 5c,8c,11c,14c,17c (n-3)	3.30%	117.5
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	3.3
22:3 13c,16c,19c (n-3)	0.09%	3.0
22:5 7c,10c,13c,16c,19c (n-3)	2.32%	83.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.16%	220.1
Total Omega 3	16.11%	574.4
18:2 9c,12c (n-6)	3.31%	117.5
18:3 6c 9c 12c (gamma)(n-6)	0.28%	9.9
20:2 11c,14c (n-6)	0.65%	23.0
20:3 8c,11c,14c (n-6)	0.34%	12.2
20:4 5c,8c,11c,14c (n-6)	2.96%	105.5
22:2 13c,16c (n-6)	0.16%	5.6
22:4 7c,10c,13c,16c (n-6)	0.74%	26.4
22:5 4c,7c,10c,13c,16c (n-6)	1.40%	50.2
Total Omega 6	9.84%	350.3
Total Fat (Sum of Fatty Acids)	100.00%	3545.9

Lab ID : 4848
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	21.6%	1447.4
Total MUFA	47.0%	3158.9
Total PUFA	31.3%	2112.7
Total Omega 3	18.9%	1273.4
Total Omega 6	10.8%	729.6
Total Fat (Sum of Fatty Acids)	100.0%	6719.0
10:0	0.04%	2.7
12:0	0.06%	4.0
13:0	0.02%	1.3
Anteiso 14:0	0.00%	0.0
14:0	2.89%	192.4
Iso 15:0	0.28%	18.4
Anteiso 15:0	0.06%	3.7
15:0	0.28%	18.4
Iso 16:0	0.21%	14.3
Anteiso 16:0	0.02%	1.7
16:0	14.01%	936.9
Iso 17:0	0.44%	29.4
17:0	0.25%	16.9
Iso 18:0	0.02%	1.2
18:0	2.80%	188.4
20:0	0.14%	9.2
22:0	0.06%	3.9
23:0	0.07%	4.8
Total SFA	21.64%	1447.4
12:1	0.00%	0.0
13:1	0.04%	2.4
14:1 9c	0.11%	7.3
15:1	0.02%	1.4
16:1 7c	0.67%	44.5
16:1 9c + 16:1 9t	9.53%	637.5
16:1 11c	0.22%	14.4
17:1 10c	0.38%	25.4
18:1 9c + 18:1 9t	33.68%	2263.7
18:1 11c	0.00%	0.0
18:1 13c	0.29%	19.5
20:1 9c	0.15%	9.9
20:1 11c (n-9)	1.29%	87.4
20:1 13c (n-7)	0.41%	27.9
22:1 13c	0.26%	17.6
24:1 isomers	0.00%	0.0
Total MUFA	47.04%	3158.9
16:2 (n-6) + anteiso 17:0	0.67%	44.9
16:2 (n-4)	0.24%	16.1
16:3 (n-4)	0.08%	5.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.04%	2.8
16:4 (n-3)	0.03%	1.9
16:4 (n-1)	0.03%	2.2
18:2 5c,11c (n-7)	0.08%	5.7
18:2 8c,11c (n-7)	0.04%	2.8
18:2 9c,12c (n-6)	3.58%	240.6
18:2 11c,14c (n-4)	0.16%	10.7
18:3 6c 9c 12c (gamma)	0.19%	12.5
18:3 8c,11c,14c (n-4)	0.17%	11.2
18:3 9c,12c,15c (n-3)	1.78%	119.4
18:4 6c,9c,12c,15c (n-3)	0.71%	47.4
18:4 8c,11c,14c,17c (n-1)	0.09%	6.1
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	7.9
20:2 11c,14c (n-6)	0.91%	61.6
20:3 8c,11c,14c (n-6)	0.37%	24.8
20:4 5c,8c,11c,14c (n-6)	3.09%	208.7
20:3 11c,14c,17c (n-3)	0.58%	39.4
20:4 8c,11c,14c,17c (n-3)	1.57%	106.0
20:5 5c,8c,11c,14c,17c (n-3)	3.66%	247.0
22:2 13c,16c (n-6)	0.18%	12.4
21:5 6c,9c,12c,15c,18c (n-3)	0.14%	9.3
22:4 7c,10c,13c,16c (n-6)	0.87%	58.7
22:3 13c,16c,19c (n-3)	0.19%	12.9
22:5 4c,7c,10c,13c,16c (n-6)	1.63%	110.1
22:5 7c,10c,13c,16c,19c (n-3)	2.67%	180.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.45%	503.9
Total PUFA	31.32%	2112.7
18:3 9c,12c,15c (n-3)	1.78%	119.3
18:4 6c,9c,12c,15c (n-3)	0.71%	47.4
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	7.9
20:3 11c,14c,17c (n-3)	0.58%	39.4
20:4 8c,11c,14c,17c (n-3)	1.57%	106.0
20:5 5c,8c,11c,14c,17c (n-3)	3.66%	247.0
21:5 6c,9c,12c,15c,18c (n-3)	0.14%	9.2
22:3 13c,16c,19c (n-3)	0.19%	12.8
22:5 7c,10c,13c,16c,19c (n-3)	2.67%	180.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.45%	503.8
Total Omega 3	18.86%	1273.4
18:2 9c,12c (n-6)	3.58%	240.6
18:3 6c 9c 12c (gamma)(n-6)	0.19%	12.5
20:2 11c,14c (n-6)	0.91%	61.6
20:3 8c,11c,14c (n-6)	0.37%	24.8
20:4 5c,8c,11c,14c (n-6)	3.09%	208.6
22:2 13c,16c (n-6)	0.18%	12.4
22:4 7c,10c,13c,16c (n-6)	0.87%	58.9
22:5 4c,7c,10c,13c,16c (n-6)	1.63%	110.1
Total Omega 6	10.82%	729.6
Total Fat (Sum of Fatty Acids)	100.00%	6719.0

Lab ID : 4859
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	21.7%	1454.2
Total MUFA	47.5%	3193.9
Total PUFA	30.8%	2077.2
Total Omega 3	19.3%	1301.9
Total Omega 6	9.6%	650.1
Total Fat (Sum of Fatty Acids)	100.0%	6725.3
10:0	0.10%	6.4
12:0	0.07%	4.7
13:0	0.02%	1.1
Anteiso 14:0	0.00%	0.0
14:0	2.98%	198.3
Iso 15:0	0.30%	20.1
Anteiso 15:0	0.06%	3.8
15:0	0.26%	17.4
Iso 16:0	0.21%	13.7
Anteiso 16:0	0.02%	1.4
16:0	14.23%	952.7
Iso 17:0	0.34%	22.9
17:0	0.21%	14.0
Iso 18:0	0.03%	2.1
18:0	2.73%	183.7
20:0	0.11%	7.5
22:0	0.06%	4.3
23:0	0.00%	0.0
Total SFA	21.72%	1454.2
12:1	0.00%	0.0
13:1	0.04%	2.5
14:1 9c	0.15%	9.7
15:1	0.02%	1.2
16:1 7c	0.63%	42.0
16:1 9c + 16:1 9t	10.26%	686.7
16:1 11c	0.23%	15.4
17:1 10c	0.36%	24.3
18:1 9c + 18:1 9t	33.47%	2251.8
18:1 11c	0.00%	0.0
18:1 13c	0.34%	22.9
20:1 9c	0.07%	4.6
20:1 11c (n-9)	1.40%	94.9
20:1 13c (n-7)	0.35%	23.9
22:1 13c	0.21%	14.1
24:1 isomers	0.00%	0.0
Total MUFA	47.52%	3193.9
16:2 (n-6) + anteiso 17:0	0.53%	35.5
16:2 (n-4)	0.26%	17.4
16:3 (n-4)	0.14%	9.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.17%	11.4
16:4 (n-3)	0.04%	2.4
16:4 (n-1)	0.07%	4.9
18:2 5c,11c (n-7)	0.10%	6.8
18:2 8c,11c (n-7)	0.06%	4.0
18:2 9c,12c (n-6)	2.74%	184.6
18:2 11c,14c (n-4)	0.16%	10.9
18:3 6c 9c 12c (gamma)	0.21%	13.8
18:3 8c,11c,14c (n-4)	0.24%	16.2
18:3 9c,12c,15c (n-3)	1.34%	90.0
18:4 6c,9c,12c,15c (n-3)	0.55%	37.0
18:4 8c,11c,14c,17c (n-1)	0.09%	6.1
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	7.6
20:2 11c,14c (n-6)	0.68%	46.0
20:3 8c,11c,14c (n-6)	0.32%	21.8
20:4 5c,8c,11c,14c (n-6)	3.14%	212.2
20:3 11c,14c,17c (n-3)	0.44%	30.0
20:4 8c,11c,14c,17c (n-3)	1.29%	87.1
20:5 5c,8c,11c,14c,17c (n-3)	3.63%	244.8
22:2 13c.16c (n-6)	0.15%	10.0
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	13.6
22:4 7c,10c,13c,16c (n-6)	0.82%	55.2
22:3 13c,16c,19c (n-3)	0.13%	8.9
22:5 4c,7c,10c,13c,16c (n-6)	1.57%	106.3
22:5 7c,10c,13c,16c,19c (n-3)	2.36%	159.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.21%	623.7
Total PUFA	30.75%	2077.2
18:3 9c,12c,15c (n-3)	1.34%	89.9
18:4 6c,9c,12c,15c (n-3)	0.55%	37.0
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	7.6
20:3 11c,14c,17c (n-3)	0.44%	30.0
20:4 8c,11c,14c,17c (n-3)	1.29%	87.1
20:5 5c,8c,11c,14c,17c (n-3)	3.63%	244.8
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	13.6
22:3 13c,16c,19c (n-3)	0.13%	8.9
22:5 7c,10c,13c,16c,19c (n-3)	2.36%	159.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.21%	623.5
Total Omega 3	19.26%	1301.9
18:2 9c,12c (n-6)	2.74%	184.6
18:3 6c 9c 12c (gamma)(n-6)	0.21%	13.8
20:2 11c,14c (n-6)	0.68%	46.0
20:3 8c,11c,14c (n-6)	0.32%	21.8
20:4 5c,8c,11c,14c (n-6)	3.14%	212.2
22:2 13c,16c (n-6)	0.15%	10.0
22:4 7c,10c,13c,16c (n-6)	0.82%	55.4
22:5 4c,7c,10c,13c,16c (n-6)	1.57%	106.2
Total Omega 6	9.63%	650.1
Total Fat (Sum of Fatty Acids)	100.00%	6725.3

Lab ID : 4864
 Client ID :
 Lake : Huron
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.4%	2968.3
Total MUFA	43.8%	5570.3
Total PUFA	32.8%	4197.6
Total Omega 3	21.1%	2699.9
Total Omega 6	9.8%	1250.0
Total Fat (Sum of Fatty Acids)	100.0%	12736.1
10:0	0.03%	3.8
12:0	0.11%	14.3
13:0	0.02%	2.6
Anteiso 14:0	0.00%	0.0
14:0	3.34%	420.7
Iso 15:0	0.31%	39.4
Anteiso 15:0	0.06%	7.6
15:0	0.30%	37.6
Iso 16:0	0.20%	25.1
Anteiso 16:0	0.03%	3.4
16:0	15.39%	1951.7
Iso 17:0	0.33%	42.2
17:0	0.22%	28.2
Iso 18:0	0.04%	4.8
18:0	2.81%	358.7
20:0	0.10%	13.0
22:0	0.06%	7.2
23:0	0.06%	7.8
Total SFA	23.41%	2968.3
12:1	0.00%	0.0
13:1	0.04%	4.7
14:1 9c	0.12%	15.7
15:1	0.02%	2.5
16:1 7c	0.59%	74.9
16:1 9c + 16:1 9t	11.35%	1438.3
16:1 11c	0.24%	30.8
17:1 10c	0.40%	50.4
18:1 9c + 18:1 9t	24.28%	3094.0
18:1 11c	4.94%	629.3
18:1 13c	0.30%	38.3
20:1 9c	0.06%	8.0
20:1 11c (n-9)	1.00%	127.4
20:1 13c (n-7)	0.32%	40.3
22:1 13c	0.12%	15.8
24:1 isomers	0.00%	0.0
Total MUFA	43.77%	5570.3
16:2 (n-6) + anteiso 17:0	0.55%	70.0
16:2 (n-4)	0.43%	54.5
16:3 (n-4)	0.17%	22.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.05%	6.0
16:4 (n-3)	0.05%	5.8
16:4 (n-1)	0.03%	3.3
18:2 5c,11c (n-7)	0.11%	14.1
18:2 8c,11c (n-7)	0.06%	7.8
18:2 9c,12c (n-6)	3.41%	434.8
18:2 11c,14c (n-4)	0.21%	27.0
18:3 6c 9c 12c (gamma)	0.04%	4.8
18:3 8c,11c,14c (n-4)	0.23%	29.4
18:3 9c,12c,15c (n-3)	1.75%	223.1
18:4 6c,9c,12c,15c (n-3)	0.95%	120.3
18:4 8c,11c,14c,17c (n-1)	0.06%	7.5
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	9.5
20:2 11c,14c (n-6)	0.73%	93.3
20:3 8c,11c,14c (n-6)	0.30%	38.3
20:4 5c,8c,11c,14c (n-6)	2.85%	364.2
20:3 11c,14c,17c (n-3)	0.63%	80.0
20:4 8c,11c,14c,17c (n-3)	1.66%	212.4
20:5 5c,8c,11c,14c,17c (n-3)	4.39%	561.8
22:2 13c,16c (n-6)	0.18%	22.5
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	25.0
22:4 7c,10c,13c,16c (n-6)	0.70%	90.0
22:3 13c,16c,19c (n-3)	0.18%	22.9
22:5 4c,7c,10c,13c,16c (n-6)	1.57%	201.8
22:5 7c,10c,13c,16c,19c (n-3)	2.54%	325.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.73%	1120.1
Total PUFA	32.82%	4197.6
18:3 9c,12c,15c (n-3)	1.75%	223.0
18:4 6c,9c,12c,15c (n-3)	0.95%	120.3
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	9.5
20:3 11c,14c,17c (n-3)	0.63%	80.1
20:4 8c,11c,14c,17c (n-3)	1.66%	212.4
20:5 5c,8c,11c,14c,17c (n-3)	4.39%	561.8
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	25.0
22:3 13c,16c,19c (n-3)	0.18%	22.8
22:5 7c,10c,13c,16c,19c (n-3)	2.54%	325.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.73%	1119.7
Total Omega 3	21.09%	2699.9
18:2 9c,12c (n-6)	3.41%	434.8
18:3 6c 9c 12c (gamma)(n-6)	0.04%	4.8
20:2 11c,14c (n-6)	0.73%	93.3
20:3 8c,11c,14c (n-6)	0.30%	38.3
20:4 5c,8c,11c,14c (n-6)	2.85%	364.1
22:2 13c,16c (n-6)	0.18%	22.5
22:4 7c,10c,13c,16c (n-6)	0.70%	90.3
22:5 4c,7c,10c,13c,16c (n-6)	1.57%	201.8
Total Omega 6	9.78%	1250.0
Total Fat (Sum of Fatty Acids)	100.00%	12736.1

Lab ID : 4856
 Client ID :
 Lake : Huron
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	21.8%	1001.9
Total MUFA	47.7%	2200.2
Total PUFA	30.5%	1413.9
Total Omega 3	18.6%	862.2
Total Omega 6	8.3%	382.5
Total Fat (Sum of Fatty Acids)	100.0%	4616.0
10:0	0.12%	5.4
12:0	0.16%	7.0
13:0	0.00%	0.0
Anteiso 14:0	0.03%	1.3
14:0	2.58%	117.7
Iso 15:0	0.57%	26.2
Anteiso 15:0	0.33%	14.9
15:0	0.31%	14.1
Iso 16:0	0.24%	11.0
Anteiso 16:0	0.06%	2.5
16:0	13.92%	640.0
Iso 17:0	0.05%	2.2
17:0	0.32%	14.9
Iso 18:0	0.06%	2.9
18:0	2.76%	127.5
20:0	0.17%	8.0
22:0	0.13%	6.1
23:0	0.00%	0.0
Total SFA	21.79%	1001.9
12:1	0.05%	2.2
13:1	0.16%	7.3
14:1 9c	0.12%	5.4
15:1	0.03%	1.5
16:1 7c	0.60%	27.7
16:1 9c + 16:1 9t	17.56%	807.5
16:1 11c	0.53%	24.3
17:1 10c	0.05%	2.2
18:1 9c + 18:1 9t	19.56%	903.8
18:1 11c	6.44%	297.6
18:1 13c	0.55%	25.2
20:1 9c	0.60%	28.0
20:1 11c (n-9)	0.80%	37.3
20:1 13c (n-7)	0.49%	22.5
22:1 13c	0.17%	7.8
24:1 isomers	0.00%	0.0
Total MUFA	47.71%	2200.2
16:2 (n-6) + anteiso 17:0	0.15%	7.0
16:2 (n-4)	1.13%	52.0
16:3 (n-4)	0.76%	34.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.15%	7.1
16:4 (n-3)	0.09%	4.2
16:4 (n-1)	0.26%	11.9
18:2 5c,11c (n-7)	0.05%	2.3
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.54%	117.3
18:2 11c,14c (n-4)	0.30%	13.8
18:3 6c 9c 12c (gamma)	0.50%	22.9
18:3 8c,11c,14c (n-4)	0.58%	26.8
18:3 9c,12c,15c (n-3)	1.32%	61.1
18:4 6c,9c,12c,15c (n-3)	0.98%	45.5
18:4 8c,11c,14c,17c (n-1)	0.20%	9.3
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	5.6
20:2 11c,14c (n-6)	0.46%	21.3
20:3 8c,11c,14c (n-6)	0.30%	13.8
20:4 5c,8c,11c,14c (n-6)	2.71%	125.9
20:3 11c,14c,17c (n-3)	0.17%	8.1
20:4 8c,11c,14c,17c (n-3)	0.70%	32.5
20:5 5c,8c,11c,14c,17c (n-3)	5.71%	264.7
22:2 13c,16c (n-6)	0.13%	6.2
21:5 6c,9c,12c,15c,18c (n-3)	0.31%	14.6
22:4 7c,10c,13c,16c (n-6)	0.65%	30.1
22:3 13c,16c,19c (n-3)	0.07%	3.2
22:5 4c,7c,10c,13c,16c (n-6)	0.97%	44.9
22:5 7c,10c,13c,16c,19c (n-3)	2.26%	105.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.92%	321.8
Total PUFA	30.50%	1413.9
18:3 9c,12c,15c (n-3)	1.32%	61.1
18:4 6c,9c,12c,15c (n-3)	0.98%	45.5
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	5.6
20:3 11c,14c,17c (n-3)	0.17%	8.1
20:4 8c,11c,14c,17c (n-3)	0.70%	32.5
20:5 5c,8c,11c,14c,17c (n-3)	5.71%	264.7
21:5 6c,9c,12c,15c,18c (n-3)	0.31%	14.6
22:3 13c,16c,19c (n-3)	0.07%	3.2
22:5 7c,10c,13c,16c,19c (n-3)	2.26%	105.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.92%	321.7
Total Omega 3	18.57%	862.2
18:2 9c,12c (n-6)	2.54%	117.3
18:3 6c 9c 12c (gamma)(n-6)	0.50%	22.9
20:2 11c,14c (n-6)	0.46%	21.3
20:3 8c,11c,14c (n-6)	0.30%	13.8
20:4 5c,8c,11c,14c (n-6)	2.71%	125.8
22:2 13c,16c (n-6)	0.13%	6.2
22:4 7c,10c,13c,16c (n-6)	0.65%	30.2
22:5 4c,7c,10c,13c,16c (n-6)	0.97%	44.9
Total Omega 6	8.25%	382.5
Total Fat (Sum of Fatty Acids)	100.00%	4616.0

Lab ID : 4866
 Client ID :
 Lake : Huron
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.1%	993.1
Total MUFA	49.0%	1871.6
Total PUFA	24.9%	955.7
Total Omega 3	15.2%	585.6
Total Omega 6	6.7%	256.1
Total Fat (Sum of Fatty Acids)	100.0%	3820.4
10:0	0.47%	17.4
12:0	0.20%	7.3
13:0	0.00%	0.0
Anteiso 14:0	0.05%	2.0
14:0	3.90%	147.7
Iso 15:0	0.29%	11.1
Anteiso 15:0	0.26%	10.0
15:0	0.31%	11.7
Iso 16:0	0.14%	5.2
Anteiso 16:0	0.06%	2.2
16:0	16.79%	639.7
Iso 17:0	0.38%	14.7
17:0	0.29%	10.9
Iso 18:0	0.10%	3.9
18:0	2.46%	94.1
20:0	0.22%	8.5
22:0	0.17%	6.5
23:0	0.00%	0.0
Total SFA	26.09%	993.1
12:1	0.06%	2.3
13:1	0.07%	2.6
14:1 9c	0.15%	5.6
15:1	0.09%	3.4
16:1 7c	0.53%	20.1
16:1 9c + 16:1 9t	23.09%	879.3
16:1 11c	0.57%	21.8
17:1 10c	0.26%	10.0
18:1 9c + 18:1 9t	17.26%	660.8
18:1 11c	5.38%	206.1
18:1 13c	0.39%	15.1
20:1 9c	0.15%	5.9
20:1 11c (n-9)	0.55%	21.1
20:1 13c (n-7)	0.29%	11.2
22:1 13c	0.16%	6.2
24:1 isomers	0.00%	0.0
Total MUFA	49.01%	1871.6
16:2 (n-6) + anteiso 17:0	0.18%	7.0
16:2 (n-4)	0.91%	34.5
16:3 (n-4)	0.60%	22.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.10%	4.0
16:4 (n-3)	0.12%	4.5
16:4 (n-1)	0.24%	9.2
18:2 5c,11c (n-7)	0.05%	2.1
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.59%	98.9
18:2 11c,14c (n-4)	0.29%	11.1
18:3 6c 9c 12c (gamma)	0.27%	10.5
18:3 8c,11c,14c (n-4)	0.33%	12.5
18:3 9c,12c,15c (n-3)	1.35%	51.8
18:4 6c,9c,12c,15c (n-3)	1.55%	59.1
18:4 8c,11c,14c,17c (n-1)	0.17%	6.3
18:5 3c,6c,9c,12c,15c (n-3)	0.13%	5.1
20:2 11c,14c (n-6)	0.48%	18.5
20:3 8c,11c,14c (n-6)	0.17%	6.4
20:4 5c,8c,11c,14c (n-6)	1.93%	74.1
20:3 11c,14c,17c (n-3)	0.14%	5.3
20:4 8c,11c,14c,17c (n-3)	0.85%	32.5
20:5 5c,8c,11c,14c,17c (n-3)	4.60%	176.8
22:2 13c,16c (n-6)	0.18%	6.8
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	7.1
22:4 7c,10c,13c,16c (n-6)	0.34%	12.9
22:3 13c,16c,19c (n-3)	0.09%	3.3
22:5 4c,7c,10c,13c,16c (n-6)	0.72%	27.9
22:5 7c,10c,13c,16c,19c (n-3)	1.17%	44.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.18%	199.8
Total PUFA	24.90%	955.7
18:3 9c,12c,15c (n-3)	1.35%	51.8
18:4 6c,9c,12c,15c (n-3)	1.55%	59.1
18:5 3c,6c,9c,12c,15c (n-3)	0.13%	5.1
20:3 11c,14c,17c (n-3)	0.14%	5.3
20:4 8c,11c,14c,17c (n-3)	0.85%	32.5
20:5 5c,8c,11c,14c,17c (n-3)	4.60%	176.8
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	7.1
22:3 13c,16c,19c (n-3)	0.09%	3.3
22:5 7c,10c,13c,16c,19c (n-3)	1.17%	44.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.18%	199.8
Total Omega 3	15.24%	585.6
18:2 9c,12c (n-6)	2.59%	98.9
18:3 6c 9c 12c (gamma)(n-6)	0.27%	10.5
20:2 11c,14c (n-6)	0.48%	18.5
20:3 8c,11c,14c (n-6)	0.17%	6.4
20:4 5c,8c,11c,14c (n-6)	1.93%	74.0
22:2 13c,16c (n-6)	0.18%	6.8
22:4 7c,10c,13c,16c (n-6)	0.34%	12.9
22:5 4c,7c,10c,13c,16c (n-6)	0.72%	27.9
Total Omega 6	6.67%	256.1
Total Fat (Sum of Fatty Acids)	100.00%	3820.4

Lab ID : 4868
 Client ID :
 Lake : Huron
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.8%	587.7
Total MUFA	48.2%	1060.3
Total PUFA	25.1%	554.7
Total Omega 3	15.5%	343.9
Total Omega 6	7.3%	161.7
Total Fat (Sum of Fatty Acids)	100.0%	2202.8
10:0	0.74%	15.8
12:0	0.15%	3.3
13:0	0.00%	0.0
Anteiso 14:0	0.08%	1.7
14:0	3.06%	66.7
Iso 15:0	0.31%	6.8
Anteiso 15:0	0.16%	3.5
15:0	0.31%	6.8
Iso 16:0	0.17%	3.6
Anteiso 16:0	0.26%	5.8
16:0	17.06%	374.7
Iso 17:0	0.46%	10.2
17:0	0.36%	8.0
Iso 18:0	0.12%	2.7
18:0	3.07%	67.8
20:0	0.18%	4.0
22:0	0.28%	6.3
23:0	0.00%	0.0
Total SFA	26.78%	587.7
12:1	0.08%	1.6
13:1	0.08%	1.8
14:1 9c	0.12%	2.5
15:1	0.07%	1.6
16:1 7c	0.55%	12.1
16:1 9c + 16:1 9t	19.62%	430.7
16:1 11c	0.52%	11.5
17:1 10c	0.29%	6.3
18:1 9c + 18:1 9t	18.44%	407.0
18:1 11c	6.29%	138.7
18:1 13c	0.53%	11.7
20:1 9c	0.27%	5.9
20:1 11c (n-9)	0.78%	17.2
20:1 13c (n-7)	0.36%	8.0
22:1 13c	0.16%	3.6
24:1 isomers	0.00%	0.0
Total MUFA	48.16%	1060.3
16:2 (n-6) + anteiso 17:0	0.11%	2.3
16:2 (n-4)	0.68%	14.9
16:3 (n-4)	0.40%	8.8

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.16%	3.6
16:4 (n-3)	0.11%	2.3
16:4 (n-1)	0.18%	4.0
18:2 5c,11c (n-7)	0.11%	2.3
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.23%	49.1
18:2 11c,14c (n-4)	0.19%	4.3
18:3 6c 9c 12c (gamma)	0.10%	2.1
18:3 8c,11c,14c (n-4)	0.11%	2.3
18:3 9c,12c,15c (n-3)	1.33%	29.3
18:4 6c,9c,12c,15c (n-3)	0.83%	18.3
18:4 8c,11c,14c,17c (n-1)	0.19%	4.3
18:5 3c,6c,9c,12c,15c (n-3)	0.19%	4.1
20:2 11c,14c (n-6)	0.47%	10.4
20:3 8c,11c,14c (n-6)	0.24%	5.2
20:4 5c,8c,11c,14c (n-6)	2.72%	60.3
20:3 11c,14c,17c (n-3)	0.18%	4.0
20:4 8c,11c,14c,17c (n-3)	0.71%	15.7
20:5 5c,8c,11c,14c,17c (n-3)	3.72%	82.3
22:2 13c,16c (n-6)	0.16%	3.5
21:5 6c,9c,12c,15c,18c (n-3)	0.28%	6.2
22:4 7c,10c,13c,16c (n-6)	0.48%	10.6
22:3 13c,16c,19c (n-3)	0.11%	2.5
22:5 4c,7c,10c,13c,16c (n-6)	0.92%	20.4
22:5 7c,10c,13c,16c,19c (n-3)	1.29%	28.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.88%	152.9
Total PUFA	25.06%	554.7
18:3 9c,12c,15c (n-3)	1.33%	29.3
18:4 6c,9c,12c,15c (n-3)	0.83%	18.3
18:5 3c,6c,9c,12c,15c (n-3)	0.19%	4.1
20:3 11c,14c,17c (n-3)	0.18%	4.0
20:4 8c,11c,14c,17c (n-3)	0.71%	15.7
20:5 5c,8c,11c,14c,17c (n-3)	3.72%	82.3
21:5 6c,9c,12c,15c,18c (n-3)	0.28%	6.2
22:3 13c,16c,19c (n-3)	0.11%	2.5
22:5 7c,10c,13c,16c,19c (n-3)	1.29%	28.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.88%	152.9
Total Omega 3	15.52%	343.9
18:2 9c,12c (n-6)	2.23%	49.1
18:3 6c 9c 12c (gamma)(n-6)	0.10%	2.1
20:2 11c,14c (n-6)	0.47%	10.4
20:3 8c,11c,14c (n-6)	0.24%	5.2
20:4 5c,8c,11c,14c (n-6)	2.72%	60.3
22:2 13c,16c (n-6)	0.16%	3.5
22:4 7c,10c,13c,16c (n-6)	0.48%	10.6
22:5 4c,7c,10c,13c,16c (n-6)	0.92%	20.4
Total Omega 6	7.30%	161.7
Total Fat (Sum of Fatty Acids)	100.00%	2202.8

Lab ID : 4869
 Client ID :
 Lake : Huron
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.5%	678.5
Total MUFA	47.8%	1229.5
Total PUFA	25.8%	666.7
Total Omega 3	15.7%	407.4
Total Omega 6	7.6%	196.8
Total Fat (Sum of Fatty Acids)	100.0%	2574.7
10:0	0.73%	18.3
12:0	0.14%	3.6
13:0	0.00%	0.0
Anteiso 14:0	0.07%	1.7
14:0	2.85%	72.7
Iso 15:0	0.21%	5.3
Anteiso 15:0	0.15%	3.9
15:0	0.26%	6.7
Iso 16:0	0.19%	4.9
Anteiso 16:0	0.06%	1.5
16:0	17.43%	447.4
Iso 17:0	0.55%	14.2
17:0	0.34%	8.7
Iso 18:0	0.09%	2.2
18:0	3.01%	77.6
20:0	0.18%	4.7
22:0	0.20%	5.2
23:0	0.00%	0.0
Total SFA	26.45%	678.5
12:1	0.00%	0.0
13:1	0.07%	1.7
14:1 9c	0.11%	2.8
15:1	0.07%	1.8
16:1 7c	0.49%	12.5
16:1 9c + 16:1 9t	19.11%	490.2
16:1 11c	0.46%	11.8
17:1 10c	0.26%	6.8
18:1 9c + 18:1 9t	18.75%	483.5
18:1 11c	5.87%	151.3
18:1 13c	0.55%	14.1
20:1 9c	0.38%	9.9
20:1 11c (n-9)	0.77%	19.9
20:1 13c (n-7)	0.50%	12.9
22:1 13c	0.40%	10.4
24:1 isomers	0.00%	0.0
Total MUFA	47.77%	1229.5
16:2 (n-6) + anteiso 17:0	0.16%	4.2
16:2 (n-4)	0.75%	19.2
16:3 (n-4)	0.53%	13.6

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.21%	5.4
16:4 (n-3)	0.12%	3.0
16:4 (n-1)	0.18%	4.6
18:2 5c,11c (n-7)	0.08%	2.1
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.20%	56.7
18:2 11c,14c (n-4)	0.19%	4.8
18:3 6c 9c 12c (gamma)	0.06%	1.5
18:3 8c,11c,14c (n-4)	0.06%	1.6
18:3 9c,12c,15c (n-3)	1.17%	30.2
18:4 6c,9c,12c,15c (n-3)	1.02%	26.2
18:4 8c,11c,14c,17c (n-1)	0.16%	4.1
18:5 3c,6c,9c,12c,15c (n-3)	0.22%	5.7
20:2 11c,14c (n-6)	0.43%	11.2
20:3 8c,11c,14c (n-6)	0.43%	11.1
20:4 5c,8c,11c,14c (n-6)	2.81%	72.7
20:3 11c,14c,17c (n-3)	0.24%	6.1
20:4 8c,11c,14c,17c (n-3)	0.59%	15.2
20:5 5c,8c,11c,14c,17c (n-3)	4.74%	122.5
22:2 13c,16c (n-6)	0.28%	7.3
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	3.1
22:4 7c,10c,13c,16c (n-6)	0.51%	13.3
22:3 13c,16c,19c (n-3)	0.12%	3.1
22:5 4c,7c,10c,13c,16c (n-6)	0.89%	23.1
22:5 7c,10c,13c,16c,19c (n-3)	1.62%	42.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.90%	153.2
Total PUFA	25.77%	666.7
18:3 9c,12c,15c (n-3)	1.17%	30.2
18:4 6c,9c,12c,15c (n-3)	1.02%	26.2
18:5 3c,6c,9c,12c,15c (n-3)	0.22%	5.7
20:3 11c,14c,17c (n-3)	0.24%	6.1
20:4 8c,11c,14c,17c (n-3)	0.59%	15.2
20:5 5c,8c,11c,14c,17c (n-3)	4.74%	122.5
21:5 6c,9c,12c,15c,18c (n-3)	0.12%	3.1
22:3 13c,16c,19c (n-3)	0.12%	3.0
22:5 7c,10c,13c,16c,19c (n-3)	1.62%	42.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.90%	153.2
Total Omega 3	15.73%	407.4
18:2 9c,12c (n-6)	2.20%	56.7
18:3 6c 9c 12c (gamma)(n-6)	0.06%	1.5
20:2 11c,14c (n-6)	0.43%	11.2
20:3 8c,11c,14c (n-6)	0.43%	11.1
20:4 5c,8c,11c,14c (n-6)	2.81%	72.7
22:2 13c,16c (n-6)	0.28%	7.3
22:4 7c,10c,13c,16c (n-6)	0.51%	13.3
22:5 4c,7c,10c,13c,16c (n-6)	0.89%	23.1
Total Omega 6	7.61%	196.8
Total Fat (Sum of Fatty Acids)	100.00%	2574.7

Lab ID : 4870
 Client ID :
 Lake : Huron
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	27.7%	676.0
Total MUFA	48.5%	1186.3
Total PUFA	23.8%	583.7
Total Omega 3	13.4%	330.0
Total Omega 6	8.9%	218.0
Total Fat (Sum of Fatty Acids)	100.0%	2445.9
10:0	0.56%	13.4
12:0	0.12%	3.0
13:0	0.00%	0.0
Anteiso 14:0	0.07%	1.8
14:0	2.67%	64.7
Iso 15:0	0.25%	6.1
Anteiso 15:0	0.16%	3.9
15:0	0.25%	6.0
Iso 16:0	0.23%	5.6
Anteiso 16:0	0.29%	7.1
16:0	18.09%	441.0
Iso 17:0	0.59%	14.5
17:0	0.28%	6.9
Iso 18:0	0.22%	5.5
18:0	3.58%	87.6
20:0	0.18%	4.3
22:0	0.18%	4.6
23:0	0.00%	0.0
Total SFA	27.74%	676.0
12:1	0.00%	0.0
13:1	0.08%	1.9
14:1 9c	0.13%	3.1
15:1	0.09%	2.3
16:1 7c	0.50%	12.1
16:1 9c + 16:1 9t	16.62%	405.1
16:1 11c	0.39%	9.4
17:1 10c	0.26%	6.4
18:1 9c + 18:1 9t	22.00%	539.0
18:1 11c	5.78%	141.6
18:1 13c	0.44%	10.7
20:1 9c	0.49%	12.1
20:1 11c (n-9)	1.04%	25.6
20:1 13c (n-7)	0.51%	12.7
22:1 13c	0.17%	4.2
24:1 isomers	0.00%	0.0
Total MUFA	48.51%	1186.3
16:2 (n-6) + anteiso 17:0	0.15%	3.6
16:2 (n-4)	0.64%	15.6
16:3 (n-4)	0.37%	9.1

16:3 (n-3)	0.07%	1.7
16:4 (n-3)	0.13%	3.1
16:4 (n-1)	0.20%	5.0
18:2 5c,11c (n-7)	0.09%	2.1
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.43%	59.6
18:2 11c,14c (n-4)	0.22%	5.3
18:3 6c 9c 12c (gamma)	0.34%	8.3
18:3 8c, 11c,14c (n-4)	0.39%	9.6
18:3 9c,12c,15c (n-3)	1.22%	29.9
18:4 6c,9c,12c, 15c (n-3)	0.78%	19.0
18:4 8c,11c,14c,17c (n-1)	0.09%	2.2
18:5 3c,6c,9c,12c,15c (n-3)	0.17%	4.1
20:2 11c,14c (n-6)	0.57%	14.1
20:3 8c,11c,14c (n-6)	0.26%	6.5
20:4 5c,8c,11c,14c (n-6)	2.84%	69.8
20:3 11c,14c,17c (n-3)	0.28%	6.9
20:4 8c,11c,14c,17c (n-3)	0.58%	14.4
20:5 5c,8c,11c,14c,17c (n-3)	3.22%	79.2
22:2 13c.16c (n-6)	0.16%	3.8
21:5 6c,9c,12c,15c,18c (n-3)	0.22%	5.3
22:4 7c,10c,13c,16c (n-6)	0.55%	13.6
22:3 13c,16c,19c (n-3)	0.11%	2.8
22:5 4c,7c,10c,13c,16c (n-6)	0.84%	20.7
22:5 7c,10c,13c,16c,19c (n-3)	1.31%	32.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.52%	136.0
Total PUFA	23.75%	583.7
18:3 9c,12c,15c (n-3)	1.22%	29.9
18:4 6c,9c,12c, 15c (n-3)	0.78%	19.0
18:5 3c,6c,9c,12c,15c (n-3)	0.17%	4.1
20:3 11c,14c,17c (n-3)	0.28%	6.9
20:4 8c,11c,14c,17c (n-3)	0.58%	14.4
20:5 5c,8c,11c,14c,17c (n-3)	3.22%	79.2
21:5 6c,9c,12c,15c,18c (n-3)	0.22%	5.3
22:3 13c,16c,19c (n-3)	0.11%	2.8
22:5 7c,10c,13c,16c,19c (n-3)	1.31%	32.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.52%	136.0
Total Omega 3	13.41%	330.0
18:2 9c,12c (n-6)	2.43%	59.6
18:3 6c 9c 12c (gamma)	1.22%	29.9
20:2 11c,14c (n-6)	0.57%	14.1
20:3 8c,11c,14c (n-6)	0.26%	6.5
20:4 5c,8c,11c,14c (n-6)	2.84%	69.8
22:2 13c,16c (n-6)	0.16%	3.8
22:4 7c,10c,13c,16c (n-6)	0.55%	13.7
22:5 4c,7c,10c,13c,16c (n-6)	0.84%	20.7
Total Omega 6	8.88%	218.0
Total Fat (Sum of Fatty Acids)	100.00%	2445.9

Lab ID : 4800
Client ID :
Lake : Superior
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	29.3%	844.6
Total MUFA	44.1%	1278.9
Total PUFA	26.6%	774.1
Total Omega 3	15.4%	449.7
Total Omega 6	11.2%	324.3
Total Fat (Sum of Fatty Acids)	100.0%	2897.6
10:0	0.54%	15.3
12:0	0.11%	3.1
13:0	0.00%	0.0
Anteiso 14:0	0.07%	2.1
14:0	3.57%	102.5
Iso 15:0	0.35%	10.1
Anteiso 15:0	0.14%	3.9
15:0	0.37%	10.5
Iso 16:0	0.20%	5.6
Anteiso 16:0	0.06%	1.7
16:0	18.93%	546.6
Iso 17:0	0.42%	12.2
17:0	0.45%	13.0
Iso 18:0	0.09%	2.7
18:0	3.65%	106.1
20:0	0.18%	5.4
22:0	0.13%	3.7
23:0	0.00%	0.0
Total SFA	29.26%	844.6
12:1	0.00%	0.0
13:1	0.07%	1.9
14:1 9c	0.12%	3.4
15:1	0.00%	0.0
16:1 7c	0.91%	26.3
16:1 9c + 16:1 9t	12.69%	366.4
16:1 11c	0.50%	14.4
17:1 10c	0.43%	12.5
18:1 9c + 18:1 9t	20.90%	606.4
18:1 11c	5.91%	171.6
18:1 13c	0.34%	9.7
20:1 9c	0.08%	2.5
20:1 11c (n-9)	1.02%	29.7
20:1 13c (n-7)	0.43%	12.6
22:1 13c	0.23%	6.8
24:1 isomers	0.50%	14.8
Total MUFA	44.14%	1278.9
16:2 (n-6) + anteiso 17:0	0.13%	3.8
16:2 (n-4)	0.45%	13.1
16:3 (n-4)	0.15%	4.3

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.19%	5.4
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.07%	2.0
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	4.02%	116.5
18:2 11c,14c (n-4)	0.23%	6.6
18:3 6c 9c 12c (gamma)	0.45%	12.9
18:3 8c,11c,14c (n-4)	0.28%	8.2
18:3 9c,12c,15c (n-3)	2.08%	60.3
18:4 6c,9c,12c,15c (n-3)	0.82%	23.8
18:4 8c,11c,14c,17c (n-1)	0.13%	3.9
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.77%	22.5
20:3 8c,11c,14c (n-6)	0.18%	5.3
20:4 5c,8c,11c,14c (n-6)	2.54%	73.9
20:3 11c,14c,17c (n-3)	0.65%	19.0
20:4 8c,11c,14c,17c (n-3)	1.15%	33.4
20:5 5c,8c,11c,14c,17c (n-3)	2.79%	81.2
22:2 13c,16c (n-6)	0.20%	5.8
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.35%	10.1
22:3 13c,16c,19c (n-3)	0.32%	9.4
22:5 4c,7c,10c,13c,16c (n-6)	1.03%	30.0
22:5 7c,10c,13c,16c,19c (n-3)	1.44%	42.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.18%	180.5
Total PUFA	26.60%	774.1
18:3 9c,12c,15c (n-3)	2.08%	60.3
18:4 6c,9c,12c,15c (n-3)	0.82%	23.8
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.65%	19.0
20:4 8c,11c,14c,17c (n-3)	1.15%	33.4
20:5 5c,8c,11c,14c,17c (n-3)	2.79%	81.2
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:3 13c,16c,19c (n-3)	0.32%	9.3
22:5 7c,10c,13c,16c,19c (n-3)	1.44%	42.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.18%	180.5
Total Omega 3	15.43%	449.7
18:2 9c,12c (n-6)	4.02%	116.5
18:3 6c 9c 12c (gamma)	2.08%	60.3
20:2 11c,14c (n-6)	0.77%	22.5
20:3 8c,11c,14c (n-6)	0.18%	5.3
20:4 5c,8c,11c,14c (n-6)	2.54%	73.9
22:2 13c,16c (n-6)	0.20%	5.8
22:4 7c,10c,13c,16c (n-6)	0.35%	10.1
22:5 4c,7c,10c,13c,16c (n-6)	1.03%	30.0
Total Omega 6	11.16%	324.3
Total Fat (Sum of Fatty Acids)	100.00%	2897.6

Lab ID : 4801
 Client ID :
 Lake : Superior
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	28.5%	912.1
Total MUFA	46.5%	1493.2
Total PUFA	25.1%	809.5
Total Omega 3	14.7%	475.7
Total Omega 6	8.4%	272.1
Total Fat (Sum of Fatty Acids)	100.0%	3214.7
10:0	0.48%	15.0
12:0	0.12%	3.9
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.25%	103.3
Iso 15:0	0.41%	13.1
Anteiso 15:0	0.24%	7.5
15:0	0.44%	14.2
Iso 16:0	0.18%	5.6
Anteiso 16:0	0.18%	5.7
16:0	18.81%	602.7
Iso 17:0	0.34%	11.0
17:0	0.36%	11.7
Iso 18:0	0.09%	2.9
18:0	3.27%	105.4
20:0	0.14%	4.5
22:0	0.18%	5.7
23:0	0.00%	0.0
Total SFA	28.48%	912.1
12:1	0.00%	0.0
13:1	0.06%	1.8
14:1 9c	0.13%	4.2
15:1	0.00%	0.0
16:1 7c	0.76%	24.2
16:1 9c + 16:1 9t	14.44%	462.4
16:1 11c	0.46%	14.6
17:1 10c	0.48%	15.3
18:1 9c + 18:1 9t	21.20%	682.6
18:1 11c	6.38%	205.6
18:1 13c	0.37%	11.9
20:1 9c	0.15%	4.8
20:1 11c (n-9)	1.02%	32.8
20:1 13c (n-7)	0.50%	16.1
22:1 13c	0.14%	4.7
24:1 isomers	0.37%	12.1
Total MUFA	46.45%	1493.2
16:2 (n-6) + anteiso 17:0	0.08%	2.7
16:2 (n-4)	0.62%	19.8
16:3 (n-4)	0.27%	8.8

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.11%	3.5
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.13%	4.1
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.68%	118.5
18:2 11c,14c (n-4)	0.28%	8.9
18:3 6c 9c 12c (gamma)	0.38%	12.3
18:3 8c,11c,14c (n-4)	0.25%	7.9
18:3 9c,12c,15c (n-3)	1.81%	58.3
18:4 6c,9c,12c,15c (n-3)	0.92%	29.4
18:4 8c,11c,14c,17c (n-1)	0.19%	6.0
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.58%	18.6
20:3 8c,11c,14c (n-6)	0.18%	5.9
20:4 5c,8c,11c,14c (n-6)	2.39%	77.3
20:3 11c,14c,17c (n-3)	0.54%	17.4
20:4 8c,11c,14c,17c (n-3)	1.11%	35.8
20:5 5c,8c,11c,14c,17c (n-3)	3.25%	104.9
22:2 13c,16c (n-6)	0.19%	6.2
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.31%	9.9
22:3 13c,16c,19c (n-3)	0.09%	2.8
22:5 4c,7c,10c,13c,16c (n-6)	0.72%	23.4
22:5 7c,10c,13c,16c,19c (n-3)	1.44%	46.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.56%	180.4
Total PUFA	25.07%	809.5
18:3 9c,12c,15c (n-3)	1.81%	58.3
18:4 6c,9c,12c,15c (n-3)	0.92%	29.4
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.54%	17.4
20:4 8c,11c,14c,17c (n-3)	1.11%	35.8
20:5 5c,8c,11c,14c,17c (n-3)	3.25%	104.9
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:3 13c,16c,19c (n-3)	0.09%	2.8
22:5 7c,10c,13c,16c,19c (n-3)	1.44%	46.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.56%	180.3
Total Omega 3	14.72%	475.7
18:2 9c,12c (n-6)	3.68%	118.5
18:3 6c 9c 12c (gamma)(n-6)	0.38%	12.3
20:2 11c,14c (n-6)	0.58%	18.6
20:3 8c,11c,14c (n-6)	0.18%	5.9
20:4 5c,8c,11c,14c (n-6)	2.39%	77.2
22:2 13c,16c (n-6)	0.19%	6.2
22:4 7c,10c,13c,16c (n-6)	0.31%	10.0
22:5 4c,7c,10c,13c,16c (n-6)	0.72%	23.4
Total Omega 6	8.43%	272.1
Total Fat (Sum of Fatty Acids)	100.00%	3214.7

Lab ID : 4802
 Client ID :
 Lake : Superior
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	27.8%	847.8
Total MUFA	47.2%	1442.7
Total PUFA	25.0%	766.4
Total Omega 3	14.8%	454.7
Total Omega 6	7.6%	234.6
Total Fat (Sum of Fatty Acids)	100.0%	3057.0
10:0	0.48%	14.2
12:0	0.13%	3.8
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.22%	97.4
Iso 15:0	0.35%	10.6
Anteiso 15:0	0.24%	7.3
15:0	0.36%	10.9
Iso 16:0	0.13%	3.9
Anteiso 16:0	0.12%	3.6
16:0	18.75%	571.4
Iso 17:0	0.35%	10.6
17:0	0.30%	9.2
Iso 18:0	0.05%	1.7
18:0	3.04%	93.2
20:0	0.14%	4.4
22:0	0.18%	5.7
23:0	0.00%	0.0
Total SFA	27.84%	847.8
12:1	0.00%	0.0
13:1	0.08%	2.4
14:1 9c	0.16%	4.9
15:1	0.00%	0.0
16:1 7c	0.72%	21.9
16:1 9c + 16:1 9t	16.52%	503.1
16:1 11c	0.43%	13.2
17:1 10c	0.15%	4.7
18:1 9c + 18:1 9t	21.62%	662.0
18:1 11c	5.32%	162.9
18:1 13c	0.35%	10.8
20:1 9c	0.15%	4.7
20:1 11c (n-9)	0.80%	24.7
20:1 13c (n-7)	0.33%	10.1
22:1 13c	0.18%	5.6
24:1 isomers	0.38%	11.8
Total MUFA	47.20%	1442.7
16:2 (n-6) + anteiso 17:0	0.16%	4.8
16:2 (n-4)	0.83%	25.2
16:3 (n-4)	0.54%	16.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.08%	2.5
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.25%	7.5
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.14%	96.2
18:2 11c,14c (n-4)	0.20%	6.0
18:3 6c 9c 12c (gamma)	0.29%	9.0
18:3 8c,11c,14c (n-4)	0.31%	9.5
18:3 9c,12c,15c (n-3)	1.58%	48.5
18:4 6c,9c,12c,15c (n-3)	0.84%	25.7
18:4 8c,11c,14c,17c (n-1)	0.17%	5.2
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.52%	15.9
20:3 8c,11c,14c (n-6)	0.20%	6.2
20:4 5c,8c,11c,14c (n-6)	2.22%	68.2
20:3 11c,14c,17c (n-3)	0.40%	12.2
20:4 8c,11c,14c,17c (n-3)	0.89%	27.2
20:5 5c,8c,11c,14c,17c (n-3)	3.96%	121.6
22:2 13c,16c (n-6)	0.17%	5.3
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.33%	10.1
22:3 13c,16c,19c (n-3)	0.22%	6.9
22:5 4c,7c,10c,13c,16c (n-6)	0.77%	23.8
22:5 7c,10c,13c,16c,19c (n-3)	1.48%	45.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.41%	166.9
Total PUFA	24.96%	766.4
18:3 9c,12c,15c (n-3)	1.58%	48.5
18:4 6c,9c,12c,15c (n-3)	0.84%	25.7
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.40%	12.2
20:4 8c,11c,14c,17c (n-3)	0.89%	27.2
20:5 5c,8c,11c,14c,17c (n-3)	3.96%	121.6
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:3 13c,16c,19c (n-3)	0.22%	6.9
22:5 7c,10c,13c,16c,19c (n-3)	1.48%	45.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.41%	166.9
Total Omega 3	14.79%	454.7
18:2 9c,12c (n-6)	3.14%	96.2
18:3 6c 9c 12c (gamma)(n-6)	0.29%	9.0
20:2 11c,14c (n-6)	0.52%	15.9
20:3 8c,11c,14c (n-6)	0.20%	6.2
20:4 5c,8c,11c,14c (n-6)	2.22%	68.2
22:2 13c,16c (n-6)	0.17%	5.3
22:4 7c,10c,13c,16c (n-6)	0.33%	10.1
22:5 4c,7c,10c,13c,16c (n-6)	0.77%	23.8
Total Omega 6	7.64%	234.6
Total Fat (Sum of Fatty Acids)	100.00%	3057.0

Lab ID : 4803
 Client ID :
 Lake : Superior
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	28.9%	1017.2
Total MUFA	48.2%	1701.3
Total PUFA	22.8%	808.7
Total Omega 3	12.9%	456.7
Total Omega 6	8.4%	298.3
Total Fat (Sum of Fatty Acids)	100.0%	3527.2
10:0	0.37%	12.9
12:0	0.09%	3.1
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.41%	119.1
Iso 15:0	0.35%	12.3
Anteiso 15:0	0.15%	5.3
15:0	0.39%	13.6
Iso 16:0	0.18%	6.3
Anteiso 16:0	0.06%	2.1
16:0	19.23%	675.9
Iso 17:0	0.34%	12.0
17:0	0.28%	9.7
Iso 18:0	0.05%	1.7
18:0	3.67%	129.6
20:0	0.21%	7.6
22:0	0.17%	6.0
23:0	0.00%	0.0
Total SFA	28.94%	1017.2
12:1	0.00%	0.0
13:1	0.07%	2.4
14:1 9c	0.15%	5.1
15:1	0.00%	0.0
16:1 7c	0.90%	31.7
16:1 9c + 16:1 9t	13.86%	486.9
16:1 11c	0.44%	15.3
17:1 10c	0.51%	17.9
18:1 9c + 18:1 9t	23.99%	847.5
18:1 11c	6.13%	216.6
18:1 13c	0.33%	11.6
20:1 9c	0.06%	2.1
20:1 11c (n-9)	0.92%	32.6
20:1 13c (n-7)	0.28%	10.0
22:1 13c	0.21%	7.3
24:1 isomers	0.41%	14.5
Total MUFA	48.23%	1701.3
16:2 (n-6) + anteiso 17:0	0.08%	2.8
16:2 (n-4)	0.34%	12.0
16:3 (n-4)	0.11%	4.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.19%	6.8
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.11%	4.0
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.69%	130.3
18:2 11c,14c (n-4)	0.29%	10.4
18:3 6c 9c 12c (gamma)	0.46%	16.4
18:3 8c,11c,14c (n-4)	0.29%	10.3
18:3 9c,12c,15c (n-3)	1.88%	66.4
18:4 6c,9c,12c,15c (n-3)	0.69%	24.5
18:4 8c,11c,14c,17c (n-1)	0.09%	3.3
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.60%	21.4
20:3 8c,11c,14c (n-6)	0.20%	7.0
20:4 5c,8c,11c,14c (n-6)	2.22%	78.8
20:3 11c,14c,17c (n-3)	0.56%	19.9
20:4 8c,11c,14c,17c (n-3)	1.03%	36.7
20:5 5c,8c,11c,14c,17c (n-3)	2.41%	85.5
22:2 13c,16c (n-6)	0.15%	5.4
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.33%	11.6
22:3 13c,16c,19c (n-3)	0.11%	3.9
22:5 4c,7c,10c,13c,16c (n-6)	0.77%	27.5
22:5 7c,10c,13c,16c,19c (n-3)	1.17%	41.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.02%	178.5
Total PUFA	22.82%	808.7
18:3 9c,12c,15c (n-3)	1.88%	66.3
18:4 6c,9c,12c,15c (n-3)	0.69%	24.5
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.56%	19.9
20:4 8c,11c,14c,17c (n-3)	1.03%	36.7
20:5 5c,8c,11c,14c,17c (n-3)	2.41%	85.5
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:3 13c,16c,19c (n-3)	0.11%	3.9
22:5 7c,10c,13c,16c,19c (n-3)	1.17%	41.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.02%	178.4
Total Omega 3	12.88%	456.7
18:2 9c,12c (n-6)	3.69%	130.3
18:3 6c 9c 12c (gamma)(n-6)	0.46%	16.4
20:2 11c,14c (n-6)	0.60%	21.4
20:3 8c,11c,14c (n-6)	0.20%	7.0
20:4 5c,8c,11c,14c (n-6)	2.22%	78.8
22:2 13c,16c (n-6)	0.15%	5.4
22:4 7c,10c,13c,16c (n-6)	0.33%	11.6
22:5 4c,7c,10c,13c,16c (n-6)	0.77%	27.4
Total Omega 6	8.43%	298.3
Total Fat (Sum of Fatty Acids)	100.00%	3527.2

Lab ID : 4804
Client ID :
Lake : Superior
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	28.1%	860.7
Total MUFA	44.3%	1362.1
Total PUFA	27.6%	851.4
Total Omega 3	17.4%	536.6
Total Omega 6	7.5%	231.5
Total Fat (Sum of Fatty Acids)	100.0%	3074.3
10:0	0.35%	10.4
12:0	0.13%	3.9
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.07%	93.5
Iso 15:0	0.38%	11.6
Anteiso 15:0	0.30%	9.1
15:0	0.42%	12.7
Iso 16:0	0.20%	6.1
Anteiso 16:0	0.10%	3.1
16:0	19.43%	595.4
Iso 17:0	0.42%	12.8
17:0	0.35%	10.7
Iso 18:0	0.10%	3.2
18:0	2.62%	80.6
20:0	0.12%	3.9
22:0	0.12%	3.7
23:0	0.00%	0.0
Total SFA	28.10%	860.7
12:1	0.00%	0.0
13:1	0.09%	2.6
14:1 9c	0.13%	3.9
15:1	0.00%	0.0
16:1 7c	0.64%	19.7
16:1 9c + 16:1 9t	16.44%	503.6
16:1 11c	0.47%	14.4
17:1 10c	0.31%	9.6
18:1 9c + 18:1 9t	19.19%	590.7
18:1 11c	4.97%	153.1
18:1 13c	0.36%	11.2
20:1 9c	0.18%	5.5
20:1 11c (n-9)	0.75%	23.3
20:1 13c (n-7)	0.28%	8.5
22:1 13c	0.21%	6.7
24:1 isomers	0.30%	9.3
Total MUFA	44.32%	1362.1
16:2 (n-6) + anteiso 17:0	0.14%	4.2
16:2 (n-4)	0.93%	28.3
16:3 (n-4)	0.57%	17.3

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.16%	4.9
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.23%	7.1
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	2.96%	91.2
18:2 11c,14c (n-4)	0.20%	6.2
18:3 6c 9c 12c (gamma)	0.33%	10.0
18:3 8c,11c,14c (n-4)	0.38%	11.6
18:3 9c,12c,15c (n-3)	1.75%	54.0
18:4 6c,9c,12c,15c (n-3)	1.06%	32.6
18:4 8c,11c,14c,17c (n-1)	0.12%	3.6
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.54%	16.8
20:3 8c,11c,14c (n-6)	0.22%	6.8
20:4 5c,8c,11c,14c (n-6)	2.30%	71.0
20:3 11c,14c,17c (n-3)	0.46%	14.2
20:4 8c,11c,14c,17c (n-3)	1.13%	35.0
20:5 5c,8c,11c,14c,17c (n-3)	4.75%	146.8
22:2 13c,16c (n-6)	0.18%	5.7
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.28%	8.7
22:3 13c,16c,19c (n-3)	0.14%	4.4
22:5 4c,7c,10c,13c,16c (n-6)	0.68%	21.2
22:5 7c,10c,13c,16c,19c (n-3)	1.68%	52.1
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.37%	197.6
Total PUFA	27.57%	851.4
18:3 9c,12c,15c (n-3)	1.75%	54.0
18:4 6c,9c,12c,15c (n-3)	1.06%	32.6
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.46%	14.2
20:4 8c,11c,14c,17c (n-3)	1.13%	35.0
20:5 5c,8c,11c,14c,17c (n-3)	4.75%	146.8
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:3 13c,16c,19c (n-3)	0.14%	4.4
22:5 7c,10c,13c,16c,19c (n-3)	1.68%	52.1
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.37%	197.6
Total Omega 3	17.36%	536.6
18:2 9c,12c (n-6)	2.96%	91.2
18:3 6c 9c 12c (gamma)(n-6)	0.33%	10.0
20:2 11c,14c (n-6)	0.54%	16.8
20:3 8c,11c,14c (n-6)	0.22%	6.8
20:4 5c,8c,11c,14c (n-6)	2.30%	71.0
22:2 13c,16c (n-6)	0.18%	5.7
22:4 7c,10c,13c,16c (n-6)	0.28%	8.7
22:5 4c,7c,10c,13c,16c (n-6)	0.68%	21.2
Total Omega 6	7.50%	231.5
Total Fat (Sum of Fatty Acids)	100.00%	3074.3

Lab ID : 6986
 Client ID : C158649-0003
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	21.8%	3393.9
Total MUFA	48.0%	7498.4
Total PUFA	30.2%	4745.6
Total Omega 3	18.3%	2869.4
Total Omega 6	9.7%	1520.4
Total Fat (Sum of Fatty Acids)	100.0%	15637.9
10:0	0.04%	6.7
12:0	0.08%	12.2
13:0	0.02%	3.3
Anteiso 14:0	0.00%	0.0
14:0	3.00%	464.2
Iso 15:0	0.32%	49.8
Anteiso 15:0	0.09%	14.2
15:0	0.34%	53.3
Iso 16:0	0.22%	34.3
Anteiso 16:0	0.02%	3.8
16:0	13.48%	2099.7
Iso 17:0	0.82%	128.2
17:0	0.27%	41.9
Iso 18:0	0.03%	4.3
18:0	2.70%	422.1
20:0	0.10%	16.0
22:0	0.07%	10.7
23:0	0.19%	29.3
Total SFA	21.80%	3393.9
12:1	0.00%	0.0
13:1	0.04%	6.3
14:1 9c	0.14%	22.1
15:1	0.01%	1.3
16:1 7c	0.78%	121.1
16:1 9c + 16:1 9t	11.74%	1827.4
16:1 11c	0.22%	33.7
17:1 10c	0.50%	78.3
18:1 9c + 18:1 9t	27.36%	4282.2
18:1 11c	4.73%	741.0
18:1 13c	0.31%	48.9
20:1 9c	0.27%	41.9
20:1 11c (n-9)	1.35%	211.9
20:1 13c (n-7)	0.37%	57.8
22:1 13c	0.16%	24.5
24:1 isomers	0.00%	0.0
Total MUFA	47.98%	7498.4
16:2 (n-6) + anteiso 17:0	0.76%	117.8
16:2 (n-4)	0.40%	61.9
16:3 (n-4)	0.23%	35.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.26%	40.5
16:4 (n-3)	0.05%	8.5
16:4 (n-1)	0.10%	15.4
18:2 5c,11c (n-7)	0.13%	20.9
18:2 8c,11c (n-7)	0.05%	7.9
18:2 9c,12c (n-6)	3.17%	496.5
18:2 11c,14c (n-4)	0.16%	24.6
18:3 6c 9c 12c (gamma)	0.21%	32.3
18:3 8c,11c,14c (n-4)	0.10%	15.4
18:3 9c,12c,15c (n-3)	2.33%	364.7
18:4 6c,9c,12c,15c (n-3)	0.75%	117.5
18:4 8c,11c,14c,17c (n-1)	0.05%	7.1
18:5 3c,6c,9c,12c,15c (n-3)	0.16%	25.7
20:2 11c,14c (n-6)	0.60%	93.6
20:3 8c,11c,14c (n-6)	0.27%	43.0
20:4 5c,8c,11c,14c (n-6)	3.08%	483.9
20:3 11c,14c,17c (n-3)	0.51%	80.4
20:4 8c,11c,14c,17c (n-3)	1.11%	175.0
20:5 5c,8c,11c,14c,17c (n-3)	3.63%	570.3
22:2 13c,16c (n-6)	0.12%	18.4
21:5 6c,9c,12c,15c,18c (n-3)	0.08%	13.3
22:4 7c,10c,13c,16c (n-6)	0.93%	145.8
22:3 13c,16c,19c (n-3)	0.11%	17.7
22:5 4c,7c,10c,13c,16c (n-6)	1.31%	206.6
22:5 7c,10c,13c,16c,19c (n-3)	3.23%	508.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.32%	996.4
Total PUFA	30.23%	4745.6
18:3 9c,12c,15c (n-3)	2.33%	364.5
18:4 6c,9c,12c,15c (n-3)	0.75%	117.5
18:5 3c,6c,9c,12c,15c (n-3)	0.16%	25.7
20:3 11c,14c,17c (n-3)	0.51%	80.4
20:4 8c,11c,14c,17c (n-3)	1.11%	175.0
20:5 5c,8c,11c,14c,17c (n-3)	3.63%	570.3
21:5 6c,9c,12c,15c,18c (n-3)	0.08%	13.3
22:3 13c,16c,19c (n-3)	0.11%	17.6
22:5 7c,10c,13c,16c,19c (n-3)	3.23%	508.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.32%	996.1
Total Omega 3	18.26%	2869.4
18:2 9c,12c (n-6)	3.17%	496.5
18:3 6c 9c 12c (gamma)(n-6)	0.21%	32.3
20:2 11c,14c (n-6)	0.60%	93.6
20:3 8c,11c,14c (n-6)	0.27%	43.0
20:4 5c,8c,11c,14c (n-6)	3.08%	483.8
22:2 13c,16c (n-6)	0.12%	18.4
22:4 7c,10c,13c,16c (n-6)	0.93%	146.4
22:5 4c,7c,10c,13c,16c (n-6)	1.31%	206.5
Total Omega 6	9.69%	1520.4
Total Fat (Sum of Fatty Acids)	100.00%	15637.9

Lab ID : 6987
 Client ID : C158649-0013
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.5%	2760.7
Total MUFA	43.3%	5322.2
Total PUFA	34.2%	4219.1
Total Omega 3	22.0%	2722.4
Total Omega 6	9.8%	1214.8
Total Fat (Sum of Fatty Acids)	100.0%	12302.0
10:0	0.06%	7.2
12:0	0.07%	8.6
13:0	0.03%	3.7
Anteiso 14:0	0.00%	0.0
14:0	3.78%	460.7
Iso 15:0	0.41%	49.6
Anteiso 15:0	0.13%	16.0
15:0	0.42%	51.0
Iso 16:0	0.20%	24.6
Anteiso 16:0	0.02%	2.9
16:0	14.09%	1726.5
Iso 17:0	0.44%	54.2
17:0	0.35%	42.7
Iso 18:0	0.05%	5.7
18:0	2.30%	283.4
20:0	0.12%	14.7
22:0	0.07%	9.0
23:0	0.00%	0.0
Total SFA	22.55%	2760.7
12:1	0.00%	0.0
13:1	0.05%	5.5
14:1 9c	0.10%	12.5
15:1	0.02%	2.0
16:1 7c	1.00%	123.0
16:1 9c + 16:1 9t	9.45%	1156.8
16:1 11c	0.25%	30.6
17:1 10c	0.58%	71.6
18:1 9c + 18:1 9t	24.88%	3062.5
18:1 11c	4.54%	558.9
18:1 13c	0.35%	43.2
20:1 9c	0.11%	13.6
20:1 11c (n-9)	1.40%	173.2
20:1 13c (n-7)	0.32%	39.8
22:1 13c	0.23%	29.1
24:1 isomers	0.00%	0.0
Total MUFA	43.28%	5322.2
16:2 (n-6) + anteiso 17:0	0.50%	60.9
16:2 (n-4)	0.44%	54.0
16:3 (n-4)	0.26%	31.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.24%	30.0
16:4 (n-3)	0.08%	10.2
16:4 (n-1)	0.12%	14.1
18:2 5c,11c (n-7)	0.18%	22.3
18:2 8c,11c (n-7)	0.07%	9.0
18:2 9c,12c (n-6)	3.96%	487.8
18:2 11c,14c (n-4)	0.22%	27.5
18:3 6c 9c 12c (gamma)	0.33%	40.4
18:3 8c,11c,14c (n-4)	0.13%	15.9
18:3 9c,12c,15c (n-3)	3.54%	436.0
18:4 6c,9c,12c,15c (n-3)	1.23%	151.2
18:4 8c,11c,14c,17c (n-1)	0.05%	6.1
18:5 3c,6c,9c,12c,15c (n-3)	0.20%	24.8
20:2 11c,14c (n-6)	0.69%	85.7
20:3 8c,11c,14c (n-6)	0.29%	36.1
20:4 5c,8c,11c,14c (n-6)	2.95%	364.0
20:3 11c,14c,17c (n-3)	0.89%	109.8
20:4 8c,11c,14c,17c (n-3)	1.74%	214.5
20:5 5c,8c,11c,14c,17c (n-3)	4.61%	569.4
22:2 13c,16c (n-6)	0.17%	21.4
21:5 6c,9c,12c,15c,18c (n-3)	0.16%	19.9
22:4 7c,10c,13c,16c (n-6)	0.61%	74.7
22:3 13c,16c,19c (n-3)	0.27%	32.9
22:5 4c,7c,10c,13c,16c (n-6)	0.84%	104.6
22:5 7c,10c,13c,16c,19c (n-3)	2.49%	309.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.90%	855.5
Total PUFA	34.17%	4219.1
18:3 9c,12c,15c (n-3)	3.54%	435.8
18:4 6c,9c,12c,15c (n-3)	1.23%	151.2
18:5 3c,6c,9c,12c,15c (n-3)	0.20%	24.8
20:3 11c,14c,17c (n-3)	0.89%	109.8
20:4 8c,11c,14c,17c (n-3)	1.74%	214.5
20:5 5c,8c,11c,14c,17c (n-3)	4.61%	569.4
21:5 6c,9c,12c,15c,18c (n-3)	0.16%	19.9
22:3 13c,16c,19c (n-3)	0.27%	32.8
22:5 7c,10c,13c,16c,19c (n-3)	2.49%	309.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.90%	855.2
Total Omega 3	22.03%	2722.4
18:2 9c,12c (n-6)	3.96%	487.8
18:3 6c 9c 12c (gamma)(n-6)	0.33%	40.4
20:2 11c,14c (n-6)	0.69%	85.7
20:3 8c,11c,14c (n-6)	0.29%	36.1
20:4 5c,8c,11c,14c (n-6)	2.95%	363.9
22:2 13c,16c (n-6)	0.17%	21.4
22:4 7c,10c,13c,16c (n-6)	0.61%	75.0
22:5 4c,7c,10c,13c,16c (n-6)	0.84%	104.5
Total Omega 6	9.84%	1214.8
Total Fat (Sum of Fatty Acids)	100.00%	12302.0

Lab ID : 6988
 Client ID : C158649-0014
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.0%	2480.3
Total MUFA	47.0%	4677.0
Total PUFA	28.0%	2796.8
Total Omega 3	17.6%	1760.8
Total Omega 6	8.4%	844.1
Total Fat (Sum of Fatty Acids)	100.0%	9954.1
10:0	0.09%	8.5
12:0	0.10%	9.5
13:0	0.02%	2.5
Anteiso 14:0	0.00%	0.0
14:0	3.48%	342.7
Iso 15:0	0.36%	35.4
Anteiso 15:0	0.09%	8.4
15:0	0.41%	40.3
Iso 16:0	0.23%	22.5
Anteiso 16:0	0.02%	2.3
16:0	15.71%	1558.3
Iso 17:0	0.83%	82.6
17:0	0.35%	34.4
Iso 18:0	0.03%	2.6
18:0	2.97%	296.1
20:0	0.13%	12.6
22:0	0.06%	5.8
23:0	0.16%	16.0
Total SFA	25.02%	2480.3
12:1	0.00%	0.0
13:1	0.04%	4.0
14:1 9c	0.14%	14.0
15:1	0.03%	2.6
16:1 7c	0.75%	74.6
16:1 9c + 16:1 9t	12.07%	1195.8
16:1 11c	0.24%	23.8
17:1 10c	0.55%	54.7
18:1 9c + 18:1 9t	26.04%	2594.8
18:1 11c	4.82%	480.4
18:1 13c	0.31%	30.5
20:1 9c	0.23%	23.2
20:1 11c (n-9)	1.28%	127.9
20:1 13c (n-7)	0.33%	33.1
22:1 13c	0.18%	17.6
24:1 isomers	0.00%	0.0
Total MUFA	47.00%	4677.0
16:2 (n-6) + anteiso 17:0	0.71%	70.8
16:2 (n-4)	0.40%	39.5
16:3 (n-4)	0.24%	23.6

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.05%	4.9
16:4 (n-3)	0.05%	4.7
16:4 (n-1)	0.06%	6.2
18:2 5c,11c (n-7)	0.08%	8.3
18:2 8c,11c (n-7)	0.02%	1.5
18:2 9c,12c (n-6)	2.80%	278.9
18:2 11c,14c (n-4)	0.16%	15.5
18:3 6c 9c 12c (gamma)	0.18%	17.7
18:3 8c,11c,14c (n-4)	0.09%	9.3
18:3 9c,12c,15c (n-3)	2.39%	238.0
18:4 6c,9c,12c,15c (n-3)	0.80%	79.4
18:4 8c,11c,14c,17c (n-1)	0.07%	7.4
18:5 3c,6c,9c,12c,15c (n-3)	0.15%	14.9
20:2 11c,14c (n-6)	0.55%	54.8
20:3 8c,11c,14c (n-6)	0.23%	23.1
20:4 5c,8c,11c,14c (n-6)	2.74%	273.9
20:3 11c,14c,17c (n-3)	0.60%	60.2
20:4 8c,11c,14c,17c (n-3)	1.03%	103.4
20:5 5c,8c,11c,14c,17c (n-3)	3.80%	380.1
22:2 13c,16c (n-6)	0.12%	12.4
21:5 6c,9c,12c,15c,18c (n-3)	0.06%	5.9
22:4 7c,10c,13c,16c (n-6)	0.69%	69.1
22:3 13c,16c,19c (n-3)	0.16%	16.4
22:5 4c,7c,10c,13c,16c (n-6)	1.14%	113.9
22:5 7c,10c,13c,16c,19c (n-3)	2.19%	219.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.41%	643.4
Total PUFA	27.98%	2796.8
18:3 9c,12c,15c (n-3)	2.39%	237.9
18:4 6c,9c,12c,15c (n-3)	0.80%	79.4
18:5 3c,6c,9c,12c,15c (n-3)	0.15%	14.9
20:3 11c,14c,17c (n-3)	0.60%	60.2
20:4 8c,11c,14c,17c (n-3)	1.03%	103.4
20:5 5c,8c,11c,14c,17c (n-3)	3.80%	380.1
21:5 6c,9c,12c,15c,18c (n-3)	0.06%	5.9
22:3 13c,16c,19c (n-3)	0.16%	16.3
22:5 7c,10c,13c,16c,19c (n-3)	2.19%	219.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.41%	643.2
Total Omega 3	17.60%	1760.8
18:2 9c,12c (n-6)	2.80%	278.9
18:3 6c 9c 12c (gamma)(n-6)	0.18%	17.7
20:2 11c,14c (n-6)	0.55%	54.8
20:3 8c,11c,14c (n-6)	0.23%	23.1
20:4 5c,8c,11c,14c (n-6)	2.74%	273.9
22:2 13c,16c (n-6)	0.12%	12.4
22:4 7c,10c,13c,16c (n-6)	0.69%	69.3
22:5 4c,7c,10c,13c,16c (n-6)	1.14%	113.9
Total Omega 6	8.45%	844.1
Total Fat (Sum of Fatty Acids)	100.00%	9954.1

Lab ID : 6989
 Client ID : C158649-0015
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.3%	1739.4
Total MUFA	48.5%	3798.8
Total PUFA	29.1%	2290.5
Total Omega 3	17.6%	1381.9
Total Omega 6	9.7%	766.0
Total Fat (Sum of Fatty Acids)	100.0%	7828.7
10:0	0.09%	6.5
12:0	0.06%	4.7
13:0	0.02%	1.4
Anteiso 14:0	0.00%	0.0
14:0	3.06%	236.9
Iso 15:0	0.36%	28.0
Anteiso 15:0	0.10%	8.0
15:0	0.38%	29.3
Iso 16:0	0.21%	16.4
Anteiso 16:0	0.02%	1.6
16:0	14.12%	1101.2
Iso 17:0	0.66%	51.8
17:0	0.36%	28.0
Iso 18:0	0.04%	2.8
18:0	2.58%	202.3
20:0	0.09%	7.2
22:0	0.06%	5.0
23:0	0.10%	8.2
Total SFA	22.31%	1739.4
12:1	0.00%	0.0
13:1	0.06%	4.3
14:1 9c	0.15%	11.7
15:1	0.03%	2.2
16:1 7c	0.92%	71.9
16:1 9c + 16:1 9t	10.78%	840.3
16:1 11c	0.20%	15.8
17:1 10c	0.60%	47.2
18:1 9c + 18:1 9t	28.50%	2232.9
18:1 11c	4.75%	372.1
18:1 13c	0.35%	27.1
20:1 9c	0.20%	16.0
20:1 11c (n-9)	1.46%	115.1
20:1 13c (n-7)	0.35%	27.2
22:1 13c	0.19%	15.0
24:1 isomers	0.00%	0.0
Total MUFA	48.54%	3798.8
16:2 (n-6) + anteiso 17:0	0.70%	54.2
16:2 (n-4)	0.35%	27.6
16:3 (n-4)	0.20%	15.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.05%	3.5
16:4 (n-3)	0.06%	4.6
16:4 (n-1)	0.07%	5.2
18:2 5c,11c (n-7)	0.12%	9.1
18:2 8c,11c (n-7)	0.02%	1.9
18:2 9c,12c (n-6)	3.27%	256.1
18:2 11c,14c (n-4)	0.15%	11.8
18:3 6c 9c 12c (gamma)	0.22%	17.6
18:3 8c,11c,14c (n-4)	0.12%	9.1
18:3 9c,12c,15c (n-3)	2.62%	205.4
18:4 6c,9c,12c,15c (n-3)	0.75%	58.4
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.27%	21.3
20:2 11c,14c (n-6)	0.61%	47.8
20:3 8c,11c,14c (n-6)	0.32%	24.9
20:4 5c,8c,11c,14c (n-6)	3.01%	236.3
20:3 11c,14c,17c (n-3)	0.61%	47.9
20:4 8c,11c,14c,17c (n-3)	1.31%	102.7
20:5 5c,8c,11c,14c,17c (n-3)	3.03%	237.8
22:2 13c,16c (n-6)	0.15%	12.0
21:5 6c,9c,12c,15c,18c (n-3)	0.03%	2.5
22:4 7c,10c,13c,16c (n-6)	0.86%	67.6
22:3 13c,16c,19c (n-3)	0.18%	13.9
22:5 4c,7c,10c,13c,16c (n-6)	1.31%	103.6
22:5 7c,10c,13c,16c,19c (n-3)	2.61%	205.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.17%	486.4
Total PUFA	29.14%	2290.5
18:3 9c,12c,15c (n-3)	2.62%	205.3
18:4 6c,9c,12c,15c (n-3)	0.75%	58.4
18:5 3c,6c,9c,12c,15c (n-3)	0.27%	21.3
20:3 11c,14c,17c (n-3)	0.61%	47.9
20:4 8c,11c,14c,17c (n-3)	1.31%	102.7
20:5 5c,8c,11c,14c,17c (n-3)	3.03%	237.8
21:5 6c,9c,12c,15c,18c (n-3)	0.03%	2.5
22:3 13c,16c,19c (n-3)	0.18%	13.8
22:5 7c,10c,13c,16c,19c (n-3)	2.61%	205.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.17%	486.2
Total Omega 3	17.57%	1381.9
18:2 9c,12c (n-6)	3.27%	256.1
18:3 6c 9c 12c (gamma)(n-6)	0.22%	17.6
20:2 11c,14c (n-6)	0.61%	47.8
20:3 8c,11c,14c (n-6)	0.32%	24.9
20:4 5c,8c,11c,14c (n-6)	3.01%	236.3
22:2 13c,16c (n-6)	0.15%	12.0
22:4 7c,10c,13c,16c (n-6)	0.86%	67.8
22:5 4c,7c,10c,13c,16c (n-6)	1.31%	103.5
Total Omega 6	9.75%	766.0
Total Fat (Sum of Fatty Acids)	100.00%	7828.7

Lab ID : 6990
 Client ID : C158649-0017
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.2%	3195.5
Total MUFA	50.0%	6358.8
Total PUFA	24.8%	3177.2
Total Omega 3	15.4%	1971.2
Total Omega 6	7.6%	973.9
Total Fat (Sum of Fatty Acids)	100.0%	12731.5
10:0	0.06%	8.0
12:0	0.06%	7.2
13:0	0.02%	3.0
Anteiso 14:0	0.00%	0.0
14:0	2.78%	350.2
Iso 15:0	0.37%	47.1
Anteiso 15:0	0.09%	10.8
15:0	0.42%	53.3
Iso 16:0	0.24%	30.7
Anteiso 16:0	0.02%	2.8
16:0	16.44%	2085.6
Iso 17:0	0.98%	124.9
17:0	0.31%	39.8
Iso 18:0	0.02%	3.0
18:0	2.98%	380.0
20:0	0.13%	16.8
22:0	0.08%	9.7
23:0	0.18%	22.6
Total SFA	25.19%	3195.5
12:1	0.00%	0.0
13:1	0.06%	7.2
14:1 9c	0.13%	15.7
15:1	0.04%	4.5
16:1 7c	0.71%	89.9
16:1 9c + 16:1 9t	13.37%	1695.6
16:1 11c	0.23%	28.7
17:1 10c	0.64%	80.9
18:1 9c + 18:1 9t	27.46%	3499.7
18:1 11c	5.14%	654.7
18:1 13c	0.26%	33.7
20:1 9c	0.25%	32.5
20:1 11c (n-9)	1.21%	154.4
20:1 13c (n-7)	0.31%	40.1
22:1 13c	0.16%	21.1
24:1 isomers	0.00%	0.0
Total MUFA	49.96%	6358.8
16:2 (n-6) + anteiso 17:0	0.76%	96.9
16:2 (n-4)	0.28%	35.5
16:3 (n-4)	0.16%	20.1

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.07%	8.3
16:4 (n-3)	0.02%	3.1
16:4 (n-1)	0.07%	9.4
18:2 5c,11c (n-7)	0.13%	17.0
18:2 8c,11c (n-7)	0.03%	4.3
18:2 9c,12c (n-6)	2.14%	272.7
18:2 11c,14c (n-4)	0.16%	20.2
18:3 6c 9c 12c (gamma)	0.21%	26.1
18:3 8c,11c,14c (n-4)	0.11%	13.4
18:3 9c,12c,15c (n-3)	2.44%	310.7
18:4 6c,9c,12c,15c (n-3)	0.73%	93.4
18:4 8c,11c,14c,17c (n-1)	0.03%	3.7
18:5 3c,6c,9c,12c,15c (n-3)	0.18%	23.1
20:2 11c,14c (n-6)	0.40%	51.1
20:3 8c,11c,14c (n-6)	0.24%	30.1
20:4 5c,8c,11c,14c (n-6)	2.47%	315.7
20:3 11c,14c,17c (n-3)	0.49%	62.7
20:4 8c,11c,14c,17c (n-3)	0.87%	110.7
20:5 5c,8c,11c,14c,17c (n-3)	2.89%	369.6
22:2 13c,16c (n-6)	0.08%	10.8
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	12.1
22:4 7c,10c,13c,16c (n-6)	0.71%	90.4
22:3 13c,16c,19c (n-3)	0.12%	15.3
22:5 4c,7c,10c,13c,16c (n-6)	1.38%	176.8
22:5 7c,10c,13c,16c,19c (n-3)	2.02%	259.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.57%	714.8
Total PUFA	24.85%	3177.2
18:3 9c,12c,15c (n-3)	2.44%	310.6
18:4 6c,9c,12c,15c (n-3)	0.73%	93.4
18:5 3c,6c,9c,12c,15c (n-3)	0.18%	23.1
20:3 11c,14c,17c (n-3)	0.49%	62.7
20:4 8c,11c,14c,17c (n-3)	0.87%	110.7
20:5 5c,8c,11c,14c,17c (n-3)	2.89%	369.6
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	12.1
22:3 13c,16c,19c (n-3)	0.12%	15.2
22:5 7c,10c,13c,16c,19c (n-3)	2.02%	259.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.57%	714.6
Total Omega 3	15.40%	1971.2
18:2 9c,12c (n-6)	2.14%	272.7
18:3 6c 9c 12c (gamma)(n-6)	0.21%	26.1
20:2 11c,14c (n-6)	0.40%	51.1
20:3 8c,11c,14c (n-6)	0.24%	30.1
20:4 5c,8c,11c,14c (n-6)	2.47%	315.7
22:2 13c,16c (n-6)	0.08%	10.8
22:4 7c,10c,13c,16c (n-6)	0.71%	90.7
22:5 4c,7c,10c,13c,16c (n-6)	1.38%	176.7
Total Omega 6	7.62%	973.9
Total Fat (Sum of Fatty Acids)	100.00%	12731.5

Lab ID : 6991
 Client ID : C158569-0045
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.6%	1721.1
Total MUFA	45.3%	3460.9
Total PUFA	32.1%	2469.9
Total Omega 3	21.4%	1642.6
Total Omega 6	9.1%	697.5
Total Fat (Sum of Fatty Acids)	100.0%	7652.0
10:0	0.04%	2.8
12:0	0.05%	3.8
13:0	0.02%	1.5
Anteiso 14:0	0.00%	0.0
14:0	3.24%	245.6
Iso 15:0	0.34%	25.6
Anteiso 15:0	0.09%	7.0
15:0	0.34%	25.7
Iso 16:0	0.14%	10.8
Anteiso 16:0	0.02%	1.3
16:0	14.82%	1129.6
Iso 17:0	0.38%	29.0
17:0	0.33%	25.6
Iso 18:0	0.05%	3.6
18:0	2.54%	194.6
20:0	0.12%	9.0
22:0	0.07%	5.6
23:0	0.00%	0.0
Total SFA	22.59%	1721.1
12:1	0.00%	0.0
13:1	0.04%	3.1
14:1 9c	0.17%	12.5
15:1	0.03%	2.0
16:1 7c	0.78%	59.8
16:1 9c + 16:1 9t	11.86%	903.5
16:1 11c	0.22%	16.8
17:1 10c	0.59%	44.8
18:1 9c + 18:1 9t	25.20%	1929.6
18:1 11c	4.70%	359.8
18:1 13c	0.23%	17.9
20:1 9c	0.10%	7.6
20:1 11c (n-9)	1.03%	79.4
20:1 13c (n-7)	0.19%	14.3
22:1 13c	0.13%	9.7
24:1 isomers	0.00%	0.0
Total MUFA	45.26%	3460.9
16:2 (n-6) + anteiso 17:0	0.37%	28.4
16:2 (n-4)	0.30%	23.0
16:3 (n-4)	0.22%	16.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.16%	12.0
16:4 (n-3)	0.09%	6.5
16:4 (n-1)	0.09%	6.5
18:2 5c,11c (n-7)	0.08%	6.4
18:2 8c,11c (n-7)	0.04%	3.1
18:2 9c,12c (n-6)	3.50%	268.2
18:2 11c,14c (n-4)	0.16%	12.3
18:3 6c 9c 12c (gamma)	0.21%	15.9
18:3 8c,11c,14c (n-4)	0.13%	9.7
18:3 9c,12c,15c (n-3)	3.26%	249.4
18:4 6c,9c,12c,15c (n-3)	1.26%	96.6
18:4 8c,11c,14c,17c (n-1)	0.07%	5.2
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	7.4
20:2 11c,14c (n-6)	0.42%	32.6
20:3 8c,11c,14c (n-6)	0.23%	17.7
20:4 5c,8c,11c,14c (n-6)	2.87%	220.2
20:3 11c,14c,17c (n-3)	0.47%	35.9
20:4 8c,11c,14c,17c (n-3)	1.33%	102.2
20:5 5c,8c,11c,14c,17c (n-3)	4.57%	350.9
22:2 13c,16c (n-6)	0.09%	6.9
21:5 6c,9c,12c,15c,18c (n-3)	0.21%	15.8
22:4 7c,10c,13c,16c (n-6)	0.61%	47.0
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	1.15%	88.7
22:5 7c,10c,13c,16c,19c (n-3)	2.34%	180.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.84%	604.3
Total PUFA	32.15%	2469.9
18:3 9c,12c,15c (n-3)	3.26%	249.3
18:4 6c,9c,12c,15c (n-3)	1.26%	96.6
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	7.4
20:3 11c,14c,17c (n-3)	0.47%	35.9
20:4 8c,11c,14c,17c (n-3)	1.33%	102.2
20:5 5c,8c,11c,14c,17c (n-3)	4.57%	350.9
21:5 6c,9c,12c,15c,18c (n-3)	0.21%	15.8
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	2.34%	180.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.84%	604.1
Total Omega 3	21.36%	1642.6
18:2 9c,12c (n-6)	3.50%	268.2
18:3 6c 9c 12c (gamma)(n-6)	0.21%	15.9
20:2 11c,14c (n-6)	0.42%	32.6
20:3 8c,11c,14c (n-6)	0.23%	17.7
20:4 5c,8c,11c,14c (n-6)	2.87%	220.2
22:2 13c,16c (n-6)	0.09%	6.9
22:4 7c,10c,13c,16c (n-6)	0.61%	47.2
22:5 4c,7c,10c,13c,16c (n-6)	1.15%	88.7
Total Omega 6	9.08%	697.5
Total Fat (Sum of Fatty Acids)	100.00%	7652.0

Lab ID : 6992
 Client ID : C158569-0046
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.0%	1352.5
Total MUFA	49.1%	2902.1
Total PUFA	27.9%	1654.3
Total Omega 3	17.1%	1013.6
Total Omega 6	8.5%	502.1
Total Fat (Sum of Fatty Acids)	100.0%	5908.9
10:0	0.13%	7.2
12:0	0.04%	2.6
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.31%	193.6
Iso 15:0	0.33%	19.3
Anteiso 15:0	0.09%	5.4
15:0	0.31%	18.4
Iso 16:0	0.07%	4.2
Anteiso 16:0	0.03%	1.7
16:0	14.83%	872.8
Iso 17:0	0.49%	29.1
17:0	0.31%	18.6
Iso 18:0	0.02%	1.3
18:0	2.81%	166.0
20:0	0.12%	7.2
22:0	0.09%	5.2
23:0	0.00%	0.0
Total SFA	22.98%	1352.5
12:1	0.00%	0.0
13:1	0.04%	2.4
14:1 9c	0.15%	9.0
15:1	0.02%	1.3
16:1 7c	0.82%	48.4
16:1 9c + 16:1 9t	12.57%	739.5
16:1 11c	0.26%	15.3
17:1 10c	0.60%	35.3
18:1 9c + 18:1 9t	27.01%	1597.4
18:1 11c	5.26%	311.1
18:1 13c	0.26%	15.2
20:1 9c	0.24%	14.0
20:1 11c (n-9)	1.07%	63.4
20:1 13c (n-7)	0.38%	22.5
22:1 13c	0.15%	9.2
24:1 isomers	0.30%	18.1
Total MUFA	49.13%	2902.1
16:2 (n-6) + anteiso 17:0	0.44%	26.1
16:2 (n-4)	0.68%	40.0
16:3 (n-4)	0.40%	23.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.12%	6.9
16:4 (n-3)	0.06%	3.4
16:4 (n-1)	0.08%	5.0
18:2 5c,11c (n-7)	0.13%	7.8
18:2 8c,11c (n-7)	0.07%	4.1
18:2 9c,12c (n-6)	3.11%	183.6
18:2 11c,14c (n-4)	0.25%	14.6
18:3 6c 9c 12c (gamma)	0.25%	14.6
18:3 8c,11c,14c (n-4)	0.12%	7.2
18:3 9c,12c,15c (n-3)	2.67%	157.8
18:4 6c,9c,12c,15c (n-3)	1.03%	60.6
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	6.4
20:2 11c,14c (n-6)	0.41%	24.5
20:3 8c,11c,14c (n-6)	0.25%	14.6
20:4 5c,8c,11c,14c (n-6)	2.78%	165.2
20:3 11c,14c,17c (n-3)	0.43%	25.3
20:4 8c,11c,14c,17c (n-3)	1.11%	65.8
20:5 5c,8c,11c,14c,17c (n-3)	3.56%	211.1
22:2 13c,16c (n-6)	0.06%	3.7
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	11.1
22:4 7c,10c,13c,16c (n-6)	0.58%	34.5
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	1.03%	61.2
22:5 7c,10c,13c,16c,19c (n-3)	2.11%	125.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.87%	349.7
Total PUFA	27.89%	1654.3
18:3 9c,12c,15c (n-3)	2.67%	157.7
18:4 6c,9c,12c,15c (n-3)	1.03%	60.6
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	6.4
20:3 11c,14c,17c (n-3)	0.43%	25.3
20:4 8c,11c,14c,17c (n-3)	1.11%	65.8
20:5 5c,8c,11c,14c,17c (n-3)	3.56%	211.1
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	11.1
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	2.11%	125.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	5.87%	349.6
Total Omega 3	17.07%	1013.6
18:2 9c,12c (n-6)	3.11%	183.6
18:3 6c 9c 12c (gamma)(n-6)	0.25%	14.6
20:2 11c,14c (n-6)	0.41%	24.5
20:3 8c,11c,14c (n-6)	0.25%	14.6
20:4 5c,8c,11c,14c (n-6)	2.78%	165.2
22:2 13c,16c (n-6)	0.06%	3.7
22:4 7c,10c,13c,16c (n-6)	0.58%	34.6
22:5 4c,7c,10c,13c,16c (n-6)	1.03%	61.2
Total Omega 6	8.47%	502.1
Total Fat (Sum of Fatty Acids)	100.00%	5908.9

Lab ID : 6993
 Client ID : C158569-0048
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.3%	1678.7
Total MUFA	46.3%	3076.2
Total PUFA	28.4%	1896.3
Total Omega 3	18.4%	1226.8
Total Omega 6	8.4%	559.2
Total Fat (Sum of Fatty Acids)	100.0%	6651.2
10:0	0.06%	3.9
12:0	0.05%	3.0
13:0	0.02%	1.3
Anteiso 14:0	0.00%	0.0
14:0	3.36%	221.2
Iso 15:0	0.33%	21.9
Anteiso 15:0	0.10%	6.5
15:0	0.33%	21.6
Iso 16:0	0.16%	10.6
Anteiso 16:0	0.04%	2.7
16:0	16.88%	1118.3
Iso 17:0	0.49%	32.5
17:0	0.28%	18.6
Iso 18:0	0.07%	4.5
18:0	2.98%	198.3
20:0	0.13%	8.4
22:0	0.08%	5.3
23:0	0.00%	0.0
Total SFA	25.34%	1678.7
12:1	0.00%	0.0
13:1	0.05%	3.2
14:1 9c	0.16%	10.2
15:1	0.03%	1.8
16:1 7c	0.85%	56.0
16:1 9c + 16:1 9t	11.92%	789.6
16:1 11c	0.26%	17.1
17:1 10c	0.62%	41.5
18:1 9c + 18:1 9t	25.60%	1704.4
18:1 11c	4.89%	325.6
18:1 13c	0.24%	15.7
20:1 9c	0.17%	11.4
20:1 11c (n-9)	0.80%	53.7
20:1 13c (n-7)	0.21%	14.3
22:1 13c	0.14%	9.4
24:1 isomers	0.33%	22.3
Total MUFA	46.26%	3076.2
16:2 (n-6) + anteiso 17:0	0.43%	28.5
16:2 (n-4)	0.25%	16.6
16:3 (n-4)	0.18%	12.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.17%	11.3
16:4 (n-3)	0.11%	7.5
16:4 (n-1)	0.13%	8.5
18:2 5c,11c (n-7)	0.09%	6.2
18:2 8c,11c (n-7)	0.04%	2.4
18:2 9c,12c (n-6)	3.26%	216.8
18:2 11c,14c (n-4)	0.14%	9.2
18:3 6c 9c 12c (gamma)	0.20%	13.6
18:3 8c,11c,14c (n-4)	0.12%	8.0
18:3 9c,12c,15c (n-3)	3.06%	203.7
18:4 6c,9c,12c,15c (n-3)	1.19%	79.5
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.09%	5.7
20:2 11c,14c (n-6)	0.35%	23.6
20:3 8c,11c,14c (n-6)	0.21%	14.3
20:4 5c,8c,11c,14c (n-6)	2.89%	192.9
20:3 11c,14c,17c (n-3)	0.39%	26.2
20:4 8c,11c,14c,17c (n-3)	1.10%	73.4
20:5 5c,8c,11c,14c,17c (n-3)	4.08%	272.4
22:2 13c,16c (n-6)	0.09%	6.4
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	12.7
22:4 7c,10c,13c,16c (n-6)	0.48%	31.9
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.89%	59.7
22:5 7c,10c,13c,16c,19c (n-3)	1.79%	119.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.47%	433.7
Total PUFA	28.39%	1896.3
18:3 9c,12c,15c (n-3)	3.06%	203.6
18:4 6c,9c,12c,15c (n-3)	1.19%	79.5
18:5 3c,6c,9c,12c,15c (n-3)	0.09%	5.7
20:3 11c,14c,17c (n-3)	0.39%	26.2
20:4 8c,11c,14c,17c (n-3)	1.10%	73.4
20:5 5c,8c,11c,14c,17c (n-3)	4.08%	272.4
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	12.6
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.79%	119.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.47%	433.6
Total Omega 3	18.36%	1226.8
18:2 9c,12c (n-6)	3.26%	216.8
18:3 6c 9c 12c (gamma)(n-6)	0.20%	13.6
20:2 11c,14c (n-6)	0.35%	23.6
20:3 8c,11c,14c (n-6)	0.21%	14.3
20:4 5c,8c,11c,14c (n-6)	2.89%	192.9
22:2 13c,16c (n-6)	0.09%	6.4
22:4 7c,10c,13c,16c (n-6)	0.48%	32.0
22:5 4c,7c,10c,13c,16c (n-6)	0.89%	59.7
Total Omega 6	8.38%	559.2
Total Fat (Sum of Fatty Acids)	100.00%	6651.2

Lab ID : 6994
 Client ID : C158569-0052
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	24.3%	3527.3
Total MUFA	44.3%	6446.3
Total PUFA	31.4%	4584.2
Total Omega 3	20.9%	3062.8
Total Omega 6	8.8%	1291.9
Total Fat (Sum of Fatty Acids)	100.0%	14557.8
10:0	0.04%	5.5
12:0	0.04%	6.2
13:0	0.02%	2.6
Anteiso 14:0	0.00%	0.0
14:0	3.57%	514.0
Iso 15:0	0.01%	1.7
Anteiso 15:0	0.09%	13.2
15:0	0.36%	52.7
Iso 16:0	0.17%	24.9
Anteiso 16:0	0.01%	2.0
16:0	16.03%	2323.8
Iso 17:0	0.53%	77.6
17:0	0.32%	46.6
Iso 18:0	0.03%	3.9
18:0	2.69%	392.0
20:0	0.12%	17.8
22:0	0.06%	8.9
23:0	0.23%	34.1
Total SFA	24.33%	3527.3
12:1	0.00%	0.0
13:1	0.05%	7.1
14:1 9c	0.14%	20.3
15:1	0.02%	3.2
16:1 7c	0.85%	122.8
16:1 9c + 16:1 9t	11.41%	1653.1
16:1 11c	0.02%	2.9
17:1 10c	0.64%	92.5
18:1 9c + 18:1 9t	29.52%	4301.4
18:1 11c	0.00%	0.0
18:1 13c	0.27%	39.7
20:1 9c	0.15%	22.4
20:1 11c (n-9)	0.91%	133.8
20:1 13c (n-7)	0.21%	31.1
22:1 13c	0.11%	15.9
24:1 isomers	0.00%	0.0
Total MUFA	44.30%	6446.3
16:2 (n-6) + anteiso 17:0	0.50%	72.9
16:2 (n-4)	0.26%	37.6
16:3 (n-4)	0.22%	32.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.03%	5.0
16:4 (n-3)	0.08%	11.1
16:4 (n-1)	0.03%	4.8
18:2 5c,11c (n-7)	0.11%	15.4
18:2 8c,11c (n-7)	0.04%	5.2
18:2 9c,12c (n-6)	3.68%	536.6
18:2 11c,14c (n-4)	0.18%	25.8
18:3 6c 9c 12c (gamma)	0.21%	30.0
18:3 8c,11c,14c (n-4)	0.10%	13.9
18:3 9c,12c,15c (n-3)	3.70%	538.5
18:4 6c,9c,12c,15c (n-3)	1.53%	222.6
18:4 8c,11c,14c,17c (n-1)	0.04%	5.3
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	14.9
20:2 11c,14c (n-6)	0.41%	59.8
20:3 8c,11c,14c (n-6)	0.22%	32.0
20:4 5c,8c,11c,14c (n-6)	2.70%	394.4
20:3 11c,14c,17c (n-3)	0.46%	67.0
20:4 8c,11c,14c,17c (n-3)	1.43%	209.7
20:5 5c,8c,11c,14c,17c (n-3)	4.69%	684.8
22:2 13c,16c (n-6)	0.07%	9.6
21:5 6c,9c,12c,15c,18c (n-3)	0.03%	4.1
22:4 7c,10c,13c,16c (n-6)	0.59%	86.8
22:3 13c,16c,19c (n-3)	0.05%	7.9
22:5 4c,7c,10c,13c,16c (n-6)	0.97%	142.4
22:5 7c,10c,13c,16c,19c (n-3)	2.47%	362.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.48%	951.1
Total PUFA	31.37%	4584.2
18:3 9c,12c,15c (n-3)	3.70%	538.2
18:4 6c,9c,12c,15c (n-3)	1.53%	222.6
18:5 3c,6c,9c,12c,15c (n-3)	0.10%	14.9
20:3 11c,14c,17c (n-3)	0.46%	67.1
20:4 8c,11c,14c,17c (n-3)	1.43%	209.7
20:5 5c,8c,11c,14c,17c (n-3)	4.69%	684.8
21:5 6c,9c,12c,15c,18c (n-3)	0.03%	4.1
22:3 13c,16c,19c (n-3)	0.05%	7.9
22:5 7c,10c,13c,16c,19c (n-3)	2.47%	362.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.48%	950.8
Total Omega 3	20.94%	3062.8
18:2 9c,12c (n-6)	3.68%	536.6
18:3 6c 9c 12c (gamma)(n-6)	0.21%	30.0
20:2 11c,14c (n-6)	0.41%	59.8
20:3 8c,11c,14c (n-6)	0.22%	32.0
20:4 5c,8c,11c,14c (n-6)	2.70%	394.3
22:2 13c,16c (n-6)	0.07%	9.6
22:4 7c,10c,13c,16c (n-6)	0.59%	87.2
22:5 4c,7c,10c,13c,16c (n-6)	0.97%	142.4
Total Omega 6	8.84%	1291.9
Total Fat (Sum of Fatty Acids)	100.00%	14557.8

Lab ID : 6995
 Client ID : C158569-0054
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	27.9%	1033.5
Total MUFA	44.1%	1639.3
Total PUFA	28.0%	1047.6
Total Omega 3	17.6%	656.9
Total Omega 6	8.4%	313.3
Total Fat (Sum of Fatty Acids)	100.0%	3720.3
10:0	0.09%	3.2
12:0	0.07%	2.4
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.02%	111.3
Iso 15:0	0.33%	12.4
Anteiso 15:0	0.08%	3.1
15:0	0.32%	11.9
Iso 16:0	0.03%	1.0
Anteiso 16:0	0.04%	1.6
16:0	18.40%	682.1
Iso 17:0	1.04%	38.5
17:0	0.33%	12.3
Iso 18:0	0.04%	1.6
18:0	3.56%	132.7
20:0	0.16%	6.0
22:0	0.16%	6.0
23:0	0.19%	7.2
Total SFA	27.88%	1033.5
12:1	0.00%	0.0
13:1	0.05%	1.7
14:1 9c	0.18%	6.6
15:1	0.04%	1.3
16:1 7c	0.69%	25.4
16:1 9c + 16:1 9t	12.65%	468.5
16:1 11c	0.31%	11.7
17:1 10c	0.55%	20.3
18:1 9c + 18:1 9t	21.53%	801.7
18:1 11c	5.67%	211.0
18:1 13c	0.38%	14.1
20:1 9c	0.43%	16.1
20:1 11c (n-9)	0.75%	27.9
20:1 13c (n-7)	0.35%	13.2
22:1 13c	0.13%	5.1
24:1 isomers	0.39%	14.6
Total MUFA	44.08%	1639.3
16:2 (n-6) + anteiso 17:0	0.82%	30.5
16:2 (n-4)	0.27%	9.9
16:3 (n-4)	0.15%	5.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.09%	3.4
16:4 (n-3)	0.06%	2.2
16:4 (n-1)	0.17%	6.3
18:2 5c,11c (n-7)	0.13%	4.7
18:2 8c,11c (n-7)	0.07%	2.5
18:2 9c,12c (n-6)	2.44%	90.8
18:2 11c,14c (n-4)	0.25%	9.3
18:3 6c 9c 12c (gamma)	0.31%	11.4
18:3 8c,11c,14c (n-4)	0.08%	3.0
18:3 9c,12c,15c (n-3)	2.15%	80.0
18:4 6c,9c,12c,15c (n-3)	0.94%	35.1
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	4.1
20:2 11c,14c (n-6)	0.37%	13.7
20:3 8c,11c,14c (n-6)	0.17%	6.5
20:4 5c,8c,11c,14c (n-6)	3.26%	121.9
20:3 11c,14c,17c (n-3)	0.42%	15.5
20:4 8c,11c,14c,17c (n-3)	0.83%	30.9
20:5 5c,8c,11c,14c,17c (n-3)	3.91%	146.0
22:2 13c,16c (n-6)	0.10%	3.7
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	3.4
22:4 7c,10c,13c,16c (n-6)	0.67%	25.1
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	1.07%	40.3
22:5 7c,10c,13c,16c,19c (n-3)	2.32%	86.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.80%	255.0
Total PUFA	28.04%	1047.6
18:3 9c,12c,15c (n-3)	2.15%	80.0
18:4 6c,9c,12c,15c (n-3)	0.94%	35.1
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	4.1
20:3 11c,14c,17c (n-3)	0.42%	15.5
20:4 8c,11c,14c,17c (n-3)	0.83%	30.9
20:5 5c,8c,11c,14c,17c (n-3)	3.91%	146.0
21:5 6c,9c,12c,15c,18c (n-3)	0.09%	3.4
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	2.32%	86.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.80%	254.9
Total Omega 3	17.56%	656.9
18:2 9c,12c (n-6)	2.44%	90.8
18:3 6c 9c 12c (gamma)(n-6)	0.31%	11.4
20:2 11c,14c (n-6)	0.37%	13.7
20:3 8c,11c,14c (n-6)	0.17%	6.5
20:4 5c,8c,11c,14c (n-6)	3.26%	121.9
22:2 13c,16c (n-6)	0.10%	3.7
22:4 7c,10c,13c,16c (n-6)	0.67%	25.2
22:5 4c,7c,10c,13c,16c (n-6)	1.07%	40.3
Total Omega 6	8.39%	313.3
Total Fat (Sum of Fatty Acids)	100.00%	3720.3

Lab ID : 6996
 Client ID : C158649-0002
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.2%	2571.5
Total MUFA	48.2%	5357.3
Total PUFA	28.6%	3199.5
Total Omega 3	17.6%	1964.4
Total Omega 6	8.6%	958.3
Total Fat (Sum of Fatty Acids)	100.0%	11128.4
10:0	0.10%	10.8
12:0	0.11%	12.5
13:0	0.03%	3.1
Anteiso 14:0	0.00%	0.0
14:0	3.59%	395.9
Iso 15:0	0.51%	55.9
Anteiso 15:0	0.13%	13.9
15:0	0.39%	43.5
Iso 16:0	0.29%	32.1
Anteiso 16:0	0.05%	5.6
16:0	14.20%	1573.7
Iso 17:0	0.11%	12.6
17:0	0.34%	37.3
Iso 18:0	0.04%	4.3
18:0	2.92%	325.2
20:0	0.11%	12.0
22:0	0.07%	8.4
23:0	0.22%	24.6
Total SFA	23.21%	2571.5
12:1	0.00%	0.0
13:1	0.08%	8.6
14:1 9c	0.16%	18.0
15:1	0.03%	3.2
16:1 7c	0.81%	90.0
16:1 9c + 16:1 9t	13.10%	1451.3
16:1 11c	0.31%	34.2
17:1 10c	0.48%	53.0
18:1 9c + 18:1 9t	25.49%	2838.9
18:1 11c	5.10%	567.9
18:1 13c	0.36%	39.6
20:1 9c	0.24%	27.0
20:1 11c (n-9)	1.50%	168.0
20:1 13c (n-7)	0.35%	38.6
22:1 13c	0.17%	18.8
24:1 isomers	0.00%	0.0
Total MUFA	48.16%	5357.3
16:2 (n-6) + anteiso 17:0	0.85%	94.5
16:2 (n-4)	0.56%	62.2
16:3 (n-4)	0.38%	41.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.04%	5.0
16:4 (n-3)	0.06%	6.9
16:4 (n-1)	0.15%	16.7
18:2 5c,11c (n-7)	0.07%	7.3
18:2 8c,11c (n-7)	0.02%	2.3
18:2 9c,12c (n-6)	2.75%	306.4
18:2 11c,14c (n-4)	0.17%	18.6
18:3 6c 9c 12c (gamma)	0.18%	19.9
18:3 8c,11c,14c (n-4)	0.10%	11.0
18:3 9c,12c,15c (n-3)	2.05%	228.7
18:4 6c,9c,12c,15c (n-3)	0.83%	91.9
18:4 8c,11c,14c,17c (n-1)	0.09%	10.4
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	11.8
20:2 11c,14c (n-6)	0.55%	61.8
20:3 8c,11c,14c (n-6)	0.26%	29.3
20:4 5c,8c,11c,14c (n-6)	2.78%	310.8
20:3 11c,14c,17c (n-3)	0.58%	65.2
20:4 8c,11c,14c,17c (n-3)	1.07%	119.5
20:5 5c,8c,11c,14c,17c (n-3)	3.73%	416.9
22:2 13c,16c (n-6)	0.10%	10.8
21:5 6c,9c,12c,15c,18c (n-3)	0.08%	8.8
22:4 7c,10c,13c,16c (n-6)	0.85%	94.5
22:3 13c,16c,19c (n-3)	0.14%	16.0
22:5 4c,7c,10c,13c,16c (n-6)	1.11%	124.6
22:5 7c,10c,13c,16c,19c (n-3)	2.93%	329.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.03%	676.9
Total PUFA	28.63%	3199.5
18:3 9c,12c,15c (n-3)	2.05%	228.6
18:4 6c,9c,12c,15c (n-3)	0.83%	91.9
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	11.8
20:3 11c,14c,17c (n-3)	0.58%	65.2
20:4 8c,11c,14c,17c (n-3)	1.07%	119.5
20:5 5c,8c,11c,14c,17c (n-3)	3.73%	416.9
21:5 6c,9c,12c,15c,18c (n-3)	0.08%	8.8
22:3 13c,16c,19c (n-3)	0.14%	16.0
22:5 7c,10c,13c,16c,19c (n-3)	2.93%	329.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.03%	676.6
Total Omega 3	17.56%	1964.4
18:2 9c,12c (n-6)	2.75%	306.4
18:3 6c 9c 12c (gamma)(n-6)	0.18%	19.9
20:2 11c,14c (n-6)	0.55%	61.8
20:3 8c,11c,14c (n-6)	0.26%	29.3
20:4 5c,8c,11c,14c (n-6)	2.78%	310.7
22:2 13c,16c (n-6)	0.10%	10.8
22:4 7c,10c,13c,16c (n-6)	0.85%	94.9
22:5 4c,7c,10c,13c,16c (n-6)	1.11%	124.5
Total Omega 6	8.58%	958.3
Total Fat (Sum of Fatty Acids)	100.00%	11128.4

Lab ID : 6997
 Client ID : C158649-0007
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.0%	1873.8
Total MUFA	47.7%	3583.2
Total PUFA	27.3%	2059.2
Total Omega 3	17.1%	1292.4
Total Omega 6	8.0%	601.4
Total Fat (Sum of Fatty Acids)	100.0%	7516.3
10:0	0.15%	11.1
12:0	0.13%	9.6
13:0	0.02%	1.3
Anteiso 14:0	0.00%	0.0
14:0	3.76%	279.9
Iso 15:0	0.45%	33.5
Anteiso 15:0	0.11%	8.2
15:0	0.36%	26.9
Iso 16:0	0.20%	15.2
Anteiso 16:0	0.02%	1.8
16:0	15.80%	1183.6
Iso 17:0	0.60%	45.2
17:0	0.26%	19.5
Iso 18:0	0.04%	3.2
18:0	2.94%	221.6
20:0	0.12%	9.1
22:0	0.06%	4.2
23:0	0.00%	0.0
Total SFA	25.03%	1873.8
12:1	0.00%	0.0
13:1	0.06%	4.4
14:1 9c	0.16%	11.7
15:1	0.03%	2.0
16:1 7c	0.85%	63.3
16:1 9c + 16:1 9t	14.15%	1059.1
16:1 11c	0.34%	25.7
17:1 10c	0.43%	32.5
18:1 9c + 18:1 9t	24.74%	1861.9
18:1 11c	4.83%	363.6
18:1 13c	0.35%	26.3
20:1 9c	0.12%	9.0
20:1 11c (n-9)	1.15%	86.6
20:1 13c (n-7)	0.29%	21.9
22:1 13c	0.20%	15.2
24:1 isomers	0.00%	0.0
Total MUFA	47.69%	3583.2
16:2 (n-6) + anteiso 17:0	0.64%	47.9
16:2 (n-4)	0.32%	23.7
16:3 (n-4)	0.34%	25.1

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.07%	5.3
16:4 (n-3)	0.06%	4.8
16:4 (n-1)	0.14%	10.4
18:2 5c,11c (n-7)	0.12%	8.7
18:2 8c,11c (n-7)	0.07%	5.1
18:2 9c,12c (n-6)	3.00%	225.7
18:2 11c,14c (n-4)	0.20%	15.3
18:3 6c 9c 12c (gamma)	0.21%	15.8
18:3 8c,11c,14c (n-4)	0.14%	10.8
18:3 9c,12c,15c (n-3)	1.88%	141.3
18:4 6c,9c,12c,15c (n-3)	0.72%	54.5
18:4 8c,11c,14c,17c (n-1)	0.11%	8.1
18:5 3c,6c,9c,12c,15c (n-3)	0.06%	4.8
20:2 11c,14c (n-6)	0.55%	41.2
20:3 8c,11c,14c (n-6)	0.21%	15.8
20:4 5c,8c,11c,14c (n-6)	2.73%	206.4
20:3 11c,14c,17c (n-3)	0.44%	33.3
20:4 8c,11c,14c,17c (n-3)	0.72%	54.7
20:5 5c,8c,11c,14c,17c (n-3)	4.46%	336.8
22:2 13c,16c (n-6)	0.10%	7.3
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	10.0
22:4 7c,10c,13c,16c (n-6)	0.50%	38.0
22:3 13c,16c,19c (n-3)	0.09%	6.9
22:5 4c,7c,10c,13c,16c (n-6)	0.67%	51.1
22:5 7c,10c,13c,16c,19c (n-3)	2.20%	166.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.38%	483.8
Total PUFA	27.28%	2059.2
18:3 9c,12c,15c (n-3)	1.88%	141.2
18:4 6c,9c,12c,15c (n-3)	0.72%	54.5
18:5 3c,6c,9c,12c,15c (n-3)	0.06%	4.8
20:3 11c,14c,17c (n-3)	0.44%	33.3
20:4 8c,11c,14c,17c (n-3)	0.72%	54.7
20:5 5c,8c,11c,14c,17c (n-3)	4.46%	336.8
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	10.0
22:3 13c,16c,19c (n-3)	0.09%	6.9
22:5 7c,10c,13c,16c,19c (n-3)	2.20%	166.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.38%	483.7
Total Omega 3	17.10%	1292.4
18:2 9c,12c (n-6)	3.00%	225.7
18:3 6c 9c 12c (gamma)(n-6)	0.21%	15.8
20:2 11c,14c (n-6)	0.55%	41.2
20:3 8c,11c,14c (n-6)	0.21%	15.8
20:4 5c,8c,11c,14c (n-6)	2.73%	206.3
22:2 13c,16c (n-6)	0.10%	7.3
22:4 7c,10c,13c,16c (n-6)	0.50%	38.2
22:5 4c,7c,10c,13c,16c (n-6)	0.67%	51.0
Total Omega 6	7.97%	601.4
Total Fat (Sum of Fatty Acids)	100.00%	7516.3

Lab ID : 6998
 Client ID : C158649-0010
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.8%	2544.3
Total MUFA	42.2%	4526.8
Total PUFA	33.9%	3655.3
Total Omega 3	22.4%	2417.4
Total Omega 6	9.4%	1017.1
Total Fat (Sum of Fatty Acids)	100.0%	10726.4
10:0	0.09%	9.1
12:0	0.10%	10.5
13:0	0.03%	2.8
Anteiso 14:0	0.00%	0.0
14:0	3.65%	386.9
Iso 15:0	0.39%	41.9
Anteiso 15:0	0.10%	11.1
15:0	0.42%	44.5
Iso 16:0	0.20%	21.8
Anteiso 16:0	0.02%	1.9
16:0	14.85%	1586.4
Iso 17:0	0.54%	57.8
17:0	0.37%	39.3
Iso 18:0	0.02%	2.6
18:0	2.63%	282.8
20:0	0.13%	13.9
22:0	0.08%	8.7
23:0	0.21%	22.3
Total SFA	23.83%	2544.3
12:1	0.00%	0.0
13:1	0.05%	5.3
14:1 9c	0.11%	12.0
15:1	0.02%	2.5
16:1 7c	0.88%	93.6
16:1 9c + 16:1 9t	10.19%	1087.9
16:1 11c	0.28%	29.4
17:1 10c	0.53%	56.4
18:1 9c + 18:1 9t	23.35%	2506.8
18:1 11c	4.60%	493.4
18:1 13c	0.31%	33.5
20:1 9c	0.13%	14.0
20:1 11c (n-9)	1.27%	137.3
20:1 13c (n-7)	0.34%	36.8
22:1 13c	0.17%	18.0
24:1 isomers	0.00%	0.0
Total MUFA	42.23%	4526.8
16:2 (n-6) + anteiso 17:0	0.54%	58.0
16:2 (n-4)	0.46%	48.6
16:3 (n-4)	0.26%	27.6

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.21%	22.0
16:4 (n-3)	0.05%	5.5
16:4 (n-1)	0.03%	2.9
18:2 5c,11c (n-7)	0.11%	11.5
18:2 8c,11c (n-7)	0.04%	4.0
18:2 9c,12c (n-6)	3.32%	356.6
18:2 11c,14c (n-4)	0.21%	22.4
18:3 6c 9c 12c (gamma)	0.24%	26.1
18:3 8c,11c,14c (n-4)	0.11%	11.6
18:3 9c,12c,15c (n-3)	2.96%	317.8
18:4 6c,9c,12c,15c (n-3)	1.14%	121.7
18:4 8c,11c,14c,17c (n-1)	0.06%	6.4
18:5 3c,6c,9c,12c,15c (n-3)	0.18%	19.0
20:2 11c,14c (n-6)	0.75%	80.4
20:3 8c,11c,14c (n-6)	0.27%	28.8
20:4 5c,8c,11c,14c (n-6)	3.10%	333.5
20:3 11c,14c,17c (n-3)	0.92%	98.9
20:4 8c,11c,14c,17c (n-3)	1.48%	159.2
20:5 5c,8c,11c,14c,17c (n-3)	4.95%	533.1
22:2 13c.16c (n-6)	0.16%	17.7
21:5 6c,9c,12c,15c,18c (n-3)	0.05%	4.9
22:4 7c,10c,13c,16c (n-6)	0.64%	69.2
22:3 13c,16c,19c (n-3)	0.27%	29.3
22:5 4c,7c,10c,13c,16c (n-6)	0.97%	104.5
22:5 7c,10c,13c,16c,19c (n-3)	2.75%	297.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.74%	837.0
Total PUFA	33.94%	3655.3
18:3 9c,12c,15c (n-3)	2.96%	317.6
18:4 6c,9c,12c,15c (n-3)	1.14%	121.7
18:5 3c,6c,9c,12c,15c (n-3)	0.18%	19.0
20:3 11c,14c,17c (n-3)	0.92%	98.9
20:4 8c,11c,14c,17c (n-3)	1.48%	159.2
20:5 5c,8c,11c,14c,17c (n-3)	4.95%	533.1
21:5 6c,9c,12c,15c,18c (n-3)	0.05%	4.9
22:3 13c,16c,19c (n-3)	0.27%	29.2
22:5 7c,10c,13c,16c,19c (n-3)	2.75%	297.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.74%	836.7
Total Omega 3	22.43%	2417.4
18:2 9c,12c (n-6)	3.32%	356.6
18:3 6c 9c 12c (gamma)(n-6)	0.24%	26.1
20:2 11c,14c (n-6)	0.75%	80.4
20:3 8c,11c,14c (n-6)	0.27%	28.8
20:4 5c,8c,11c,14c (n-6)	3.10%	333.5
22:2 13c,16c (n-6)	0.16%	17.7
22:4 7c,10c,13c,16c (n-6)	0.64%	69.5
22:5 4c,7c,10c,13c,16c (n-6)	0.97%	104.5
Total Omega 6	9.45%	1017.1
Total Fat (Sum of Fatty Acids)	100.00%	10726.4

Lab ID : 6999
 Client ID : C158649-0011
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.2%	2593.0
Total MUFA	45.6%	5116.3
Total PUFA	31.2%	3514.4
Total Omega 3	20.9%	2359.1
Total Omega 6	8.4%	944.3
Total Fat (Sum of Fatty Acids)	100.0%	11223.7
10:0	0.08%	9.1
12:0	0.12%	12.9
13:0	0.02%	2.6
Anteiso 14:0	0.00%	0.0
14:0	4.10%	455.5
Iso 15:0	0.36%	40.1
Anteiso 15:0	0.12%	13.1
15:0	0.38%	42.5
Iso 16:0	0.20%	22.6
Anteiso 16:0	0.04%	4.0
16:0	14.65%	1637.6
Iso 17:0	0.46%	51.3
17:0	0.23%	26.2
Iso 18:0	0.01%	1.7
18:0	2.26%	253.8
20:0	0.13%	14.2
22:0	0.05%	6.1
23:0	0.00%	0.0
Total SFA	23.21%	2593.0
12:1	0.00%	0.0
13:1	0.04%	4.8
14:1 9c	0.14%	16.0
15:1	0.03%	3.0
16:1 7c	0.79%	88.4
16:1 9c + 16:1 9t	13.00%	1453.4
16:1 11c	0.25%	27.7
17:1 10c	0.47%	52.3
18:1 9c + 18:1 9t	23.97%	2692.9
18:1 11c	4.78%	537.4
18:1 13c	0.31%	34.8
20:1 9c	0.11%	12.1
20:1 11c (n-9)	1.28%	144.2
20:1 13c (n-7)	0.29%	32.5
22:1 13c	0.15%	16.9
24:1 isomers	0.00%	0.0
Total MUFA	45.61%	5116.3
16:2 (n-6) + anteiso 17:0	0.45%	50.6
16:2 (n-4)	0.26%	29.4
16:3 (n-4)	0.35%	39.3

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.03%	3.0
16:4 (n-3)	0.04%	4.9
16:4 (n-1)	0.09%	10.0
18:2 5c,11c (n-7)	0.14%	15.8
18:2 8c,11c (n-7)	0.08%	9.2
18:2 9c,12c (n-6)	3.17%	355.7
18:2 11c,14c (n-4)	0.24%	26.6
18:3 6c 9c 12c (gamma)	0.24%	26.8
18:3 8c,11c,14c (n-4)	0.14%	15.6
18:3 9c,12c,15c (n-3)	2.72%	305.4
18:4 6c,9c,12c,15c (n-3)	1.07%	120.5
18:4 8c,11c,14c,17c (n-1)	0.06%	6.3
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	14.0
20:2 11c,14c (n-6)	0.67%	76.0
20:3 8c,11c,14c (n-6)	0.23%	26.5
20:4 5c,8c,11c,14c (n-6)	2.60%	293.6
20:3 11c,14c,17c (n-3)	0.73%	81.8
20:4 8c,11c,14c,17c (n-3)	1.31%	148.1
20:5 5c,8c,11c,14c,17c (n-3)	5.04%	568.1
22:2 13c,16c (n-6)	0.12%	13.2
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	21.8
22:4 7c,10c,13c,16c (n-6)	0.56%	63.0
22:3 13c,16c,19c (n-3)	0.22%	25.3
22:5 4c,7c,10c,13c,16c (n-6)	0.79%	89.3
22:5 7c,10c,13c,16c,19c (n-3)	2.34%	264.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.16%	810.2
Total PUFA	31.18%	3514.4
18:3 9c,12c,15c (n-3)	2.72%	305.3
18:4 6c,9c,12c,15c (n-3)	1.07%	120.5
18:5 3c,6c,9c,12c,15c (n-3)	0.12%	14.0
20:3 11c,14c,17c (n-3)	0.73%	81.8
20:4 8c,11c,14c,17c (n-3)	1.31%	148.1
20:5 5c,8c,11c,14c,17c (n-3)	5.04%	568.1
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	21.7
22:3 13c,16c,19c (n-3)	0.22%	25.2
22:5 7c,10c,13c,16c,19c (n-3)	2.34%	264.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.16%	809.9
Total Omega 3	20.91%	2359.1
18:2 9c,12c (n-6)	3.17%	355.7
18:3 6c 9c 12c (gamma)(n-6)	0.24%	26.8
20:2 11c,14c (n-6)	0.67%	76.0
20:3 8c,11c,14c (n-6)	0.23%	26.5
20:4 5c,8c,11c,14c (n-6)	2.60%	293.6
22:2 13c,16c (n-6)	0.12%	13.2
22:4 7c,10c,13c,16c (n-6)	0.56%	63.3
22:5 4c,7c,10c,13c,16c (n-6)	0.79%	89.2
Total Omega 6	8.38%	944.3
Total Fat (Sum of Fatty Acids)	100.00%	11223.7

Lab ID : 7000
 Client ID : C158649-0012
 Lake : Ontario
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.8%	2837.4
Total MUFA	44.9%	5606.2
Total PUFA	32.3%	4044.0
Total Omega 3	21.7%	2721.8
Total Omega 6	8.9%	1109.0
Total Fat (Sum of Fatty Acids)	100.0%	12487.6
10:0	0.09%	11.0
12:0	0.10%	11.8
13:0	0.04%	4.3
Anteiso 14:0	0.00%	0.0
14:0	4.03%	498.1
Iso 15:0	0.39%	48.0
Anteiso 15:0	0.12%	14.8
15:0	0.42%	51.8
Iso 16:0	0.21%	26.2
Anteiso 16:0	0.03%	3.4
16:0	14.38%	1789.0
Iso 17:0	0.07%	8.7
17:0	0.34%	42.8
Iso 18:0	0.02%	3.0
18:0	2.45%	306.4
20:0	0.10%	13.1
22:0	0.04%	5.1
23:0	0.00%	0.0
Total SFA	22.83%	2837.4
12:1	0.00%	0.0
13:1	0.05%	6.7
14:1 9c	0.13%	16.4
15:1	0.01%	1.3
16:1 7c	0.87%	108.5
16:1 9c + 16:1 9t	11.67%	1451.3
16:1 11c	0.27%	34.1
17:1 10c	0.54%	67.0
18:1 9c + 18:1 9t	24.11%	3012.9
18:1 11c	4.92%	615.2
18:1 13c	0.31%	38.6
20:1 9c	0.09%	11.9
20:1 11c (n-9)	1.41%	177.6
20:1 13c (n-7)	0.35%	43.3
22:1 13c	0.17%	21.3
24:1 isomers	0.00%	0.0
Total MUFA	44.92%	5606.2
16:2 (n-6) + anteiso 17:0	0.42%	52.4
16:2 (n-4)	0.23%	28.5
16:3 (n-4)	0.31%	38.9

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.03%	4.1
16:4 (n-3)	0.05%	6.7
16:4 (n-1)	0.10%	12.0
18:2 5c,11c (n-7)	0.12%	15.1
18:2 8c,11c (n-7)	0.06%	7.1
18:2 9c,12c (n-6)	3.36%	419.2
18:2 11c,14c (n-4)	0.17%	21.6
18:3 6c 9c 12c (gamma)	0.26%	32.3
18:3 8c,11c,14c (n-4)	0.15%	18.9
18:3 9c,12c,15c (n-3)	3.12%	390.4
18:4 6c,9c,12c,15c (n-3)	1.14%	142.1
18:4 8c,11c,14c,17c (n-1)	0.06%	7.4
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	13.6
20:2 11c,14c (n-6)	0.65%	81.6
20:3 8c,11c,14c (n-6)	0.27%	33.9
20:4 5c,8c,11c,14c (n-6)	2.81%	352.7
20:3 11c,14c,17c (n-3)	0.73%	91.2
20:4 8c,11c,14c,17c (n-3)	1.42%	177.9
20:5 5c,8c,11c,14c,17c (n-3)	4.64%	581.2
22:2 13c,16c (n-6)	0.12%	15.6
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	22.5
22:4 7c,10c,13c,16c (n-6)	0.56%	69.7
22:3 13c,16c,19c (n-3)	0.14%	18.0
22:5 4c,7c,10c,13c,16c (n-6)	0.83%	103.9
22:5 7c,10c,13c,16c,19c (n-3)	2.35%	295.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.87%	990.0
Total PUFA	32.25%	4044.0
18:3 9c,12c,15c (n-3)	3.12%	390.2
18:4 6c,9c,12c,15c (n-3)	1.14%	142.1
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	13.6
20:3 11c,14c,17c (n-3)	0.73%	91.2
20:4 8c,11c,14c,17c (n-3)	1.42%	177.9
20:5 5c,8c,11c,14c,17c (n-3)	4.64%	581.2
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	22.4
22:3 13c,16c,19c (n-3)	0.14%	17.9
22:5 7c,10c,13c,16c,19c (n-3)	2.35%	295.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.87%	989.6
Total Omega 3	21.69%	2721.8
18:2 9c,12c (n-6)	3.36%	419.2
18:3 6c 9c 12c (gamma)(n-6)	0.26%	32.3
20:2 11c,14c (n-6)	0.65%	81.6
20:3 8c,11c,14c (n-6)	0.27%	33.9
20:4 5c,8c,11c,14c (n-6)	2.81%	352.6
22:2 13c,16c (n-6)	0.12%	15.6
22:4 7c,10c,13c,16c (n-6)	0.56%	69.9
22:5 4c,7c,10c,13c,16c (n-6)	0.83%	103.9
Total Omega 6	8.85%	1109.0
Total Fat (Sum of Fatty Acids)	100.00%	12487.6

Lab ID : 7001
 Client ID : C158569-0044
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.2%	1761.3
Total MUFA	45.9%	3495.6
Total PUFA	30.9%	2370.2
Total Omega 3	20.4%	1561.7
Total Omega 6	8.8%	669.8
Total Fat (Sum of Fatty Acids)	100.0%	7627.1
10:0	0.09%	6.4
12:0	0.05%	4.0
13:0	0.02%	1.3
Anteiso 14:0	0.00%	0.0
14:0	3.31%	249.5
Iso 15:0	0.34%	25.5
Anteiso 15:0	0.09%	6.8
15:0	0.33%	25.0
Iso 16:0	0.01%	1.0
Anteiso 16:0	0.02%	1.6
16:0	15.36%	1167.0
Iso 17:0	0.51%	38.6
17:0	0.27%	20.3
Iso 18:0	0.02%	1.7
18:0	2.59%	197.9
20:0	0.11%	8.6
22:0	0.08%	6.0
23:0	0.00%	0.0
Total SFA	23.19%	1761.3
12:1	0.00%	0.0
13:1	0.05%	3.8
14:1 9c	0.16%	12.2
15:1	0.03%	2.1
16:1 7c	0.77%	58.4
16:1 9c + 16:1 9t	12.75%	968.5
16:1 11c	0.25%	18.8
17:1 10c	0.59%	45.3
18:1 9c + 18:1 9t	24.51%	1871.4
18:1 11c	4.98%	379.9
18:1 13c	0.27%	20.2
20:1 9c	0.17%	12.9
20:1 11c (n-9)	0.87%	66.3
20:1 13c (n-7)	0.34%	26.1
22:1 13c	0.12%	9.6
24:1 isomers	0.00%	0.0
Total MUFA	45.86%	3495.6
16:2 (n-6) + anteiso 17:0	0.50%	37.8
16:2 (n-4)	0.32%	23.9
16:3 (n-4)	0.27%	20.6

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.14%	10.4
16:4 (n-3)	0.07%	5.3
16:4 (n-1)	0.08%	5.7
18:2 5c,11c (n-7)	0.11%	8.3
18:2 8c,11c (n-7)	0.06%	4.5
18:2 9c,12c (n-6)	3.23%	246.3
18:2 11c,14c (n-4)	0.16%	12.5
18:3 6c 9c 12c (gamma)	0.21%	16.1
18:3 8c,11c,14c (n-4)	0.12%	9.5
18:3 9c,12c,15c (n-3)	3.00%	229.1
18:4 6c,9c,12c,15c (n-3)	1.17%	89.1
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	5.3
20:2 11c,14c (n-6)	0.40%	31.0
20:3 8c,11c,14c (n-6)	0.21%	16.1
20:4 5c,8c,11c,14c (n-6)	2.92%	224.1
20:3 11c,14c,17c (n-3)	0.44%	33.4
20:4 8c,11c,14c,17c (n-3)	1.24%	95.3
20:5 5c,8c,11c,14c,17c (n-3)	4.52%	346.4
22:2 13c,16c (n-6)	0.08%	5.8
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	14.1
22:4 7c,10c,13c,16c (n-6)	0.63%	48.5
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	1.06%	81.8
22:5 7c,10c,13c,16c,19c (n-3)	2.49%	191.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.26%	557.8
Total PUFA	30.95%	2370.2
18:3 9c,12c,15c (n-3)	3.00%	229.0
18:4 6c,9c,12c,15c (n-3)	1.17%	89.1
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	5.3
20:3 11c,14c,17c (n-3)	0.44%	33.4
20:4 8c,11c,14c,17c (n-3)	1.24%	95.3
20:5 5c,8c,11c,14c,17c (n-3)	4.52%	346.4
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	14.1
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	2.49%	191.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.26%	557.6
Total Omega 3	20.37%	1561.7
18:2 9c,12c (n-6)	3.23%	246.3
18:3 6c 9c 12c (gamma)(n-6)	0.21%	16.1
20:2 11c,14c (n-6)	0.40%	31.0
20:3 8c,11c,14c (n-6)	0.21%	16.1
20:4 5c,8c,11c,14c (n-6)	2.92%	224.0
22:2 13c,16c (n-6)	0.08%	5.8
22:4 7c,10c,13c,16c (n-6)	0.63%	48.7
22:5 4c,7c,10c,13c,16c (n-6)	1.06%	81.7
Total Omega 6	8.75%	669.8
Total Fat (Sum of Fatty Acids)	100.00%	7627.1

Lab ID : 7002
 Client ID : C158569-0049
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	26.2%	1228.7
Total MUFA	46.4%	2186.8
Total PUFA	27.4%	1299.6
Total Omega 3	17.4%	826.3
Total Omega 6	8.2%	389.6
Total Fat (Sum of Fatty Acids)	100.0%	4715.0
10:0	0.28%	12.7
12:0	0.06%	2.6
13:0	0.03%	1.5
Anteiso 14:0	0.00%	0.0
14:0	3.79%	177.0
Iso 15:0	0.38%	17.8
Anteiso 15:0	0.11%	5.0
15:0	0.34%	16.0
Iso 16:0	0.15%	6.9
Anteiso 16:0	0.04%	1.7
16:0	17.45%	820.0
Iso 17:0	0.09%	4.3
17:0	0.28%	13.2
Iso 18:0	0.03%	1.6
18:0	2.90%	136.9
20:0	0.15%	7.3
22:0	0.09%	4.4
23:0	0.00%	0.0
Total SFA	26.17%	1228.7
12:1	0.00%	0.0
13:1	0.05%	2.4
14:1 9c	0.17%	7.9
15:1	0.03%	1.5
16:1 7c	0.94%	44.4
16:1 9c + 16:1 9t	11.91%	559.4
16:1 11c	0.27%	12.5
17:1 10c	0.16%	7.5
18:1 9c + 18:1 9t	26.31%	1242.1
18:1 11c	4.95%	233.6
18:1 13c	0.26%	12.2
20:1 9c	0.13%	6.3
20:1 11c (n-9)	0.85%	40.1
20:1 13c (n-7)	0.23%	10.8
22:1 13c	0.13%	6.2
24:1 isomers	0.00%	0.0
Total MUFA	46.39%	2186.8
16:2 (n-6) + anteiso 17:0	0.40%	18.9
16:2 (n-4)	0.27%	12.8
16:3 (n-4)	0.18%	8.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.14%	6.4
16:4 (n-3)	0.08%	3.6
16:4 (n-1)	0.10%	4.6
18:2 5c,11c (n-7)	0.13%	6.3
18:2 8c,11c (n-7)	0.08%	3.8
18:2 9c,12c (n-6)	3.58%	168.8
18:2 11c,14c (n-4)	0.18%	8.6
18:3 6c 9c 12c (gamma)	0.22%	10.4
18:3 8c,11c,14c (n-4)	0.21%	10.1
18:3 9c,12c,15c (n-3)	3.11%	146.8
18:4 6c,9c,12c,15c (n-3)	1.19%	55.9
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.08%	3.9
20:2 11c,14c (n-6)	0.34%	16.1
20:3 8c,11c,14c (n-6)	0.16%	7.4
20:4 5c,8c,11c,14c (n-6)	2.64%	125.0
20:3 11c,14c,17c (n-3)	0.42%	19.9
20:4 8c,11c,14c,17c (n-3)	1.03%	48.6
20:5 5c,8c,11c,14c,17c (n-3)	3.61%	170.8
22:2 13c,16c (n-6)	0.07%	3.3
21:5 6c,9c,12c,15c,18c (n-3)	0.14%	6.7
22:4 7c,10c,13c,16c (n-6)	0.48%	22.6
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.76%	35.9
22:5 7c,10c,13c,16c,19c (n-3)	1.56%	74.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.30%	299.5
Total PUFA	27.45%	1299.6
18:3 9c,12c,15c (n-3)	3.11%	146.7
18:4 6c,9c,12c,15c (n-3)	1.19%	55.9
18:5 3c,6c,9c,12c,15c (n-3)	0.08%	3.9
20:3 11c,14c,17c (n-3)	0.42%	19.9
20:4 8c,11c,14c,17c (n-3)	1.03%	48.6
20:5 5c,8c,11c,14c,17c (n-3)	3.61%	170.8
21:5 6c,9c,12c,15c,18c (n-3)	0.14%	6.7
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.56%	74.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.30%	299.4
Total Omega 3	17.44%	826.3
18:2 9c,12c (n-6)	3.58%	168.8
18:3 6c 9c 12c (gamma)(n-6)	0.22%	10.4
20:2 11c,14c (n-6)	0.34%	16.1
20:3 8c,11c,14c (n-6)	0.16%	7.4
20:4 5c,8c,11c,14c (n-6)	2.64%	125.0
22:2 13c,16c (n-6)	0.07%	3.3
22:4 7c,10c,13c,16c (n-6)	0.48%	22.6
22:5 4c,7c,10c,13c,16c (n-6)	0.76%	35.9
Total Omega 6	8.23%	389.6
Total Fat (Sum of Fatty Acids)	100.00%	4715.0

Lab ID : 7003
 Client ID : C158569-0053
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.7%	2512.0
Total MUFA	46.0%	4882.3
Total PUFA	30.3%	3235.0
Total Omega 3	20.4%	2179.5
Total Omega 6	8.5%	904.1
Total Fat (Sum of Fatty Acids)	100.0%	10629.2
10:0	0.10%	10.1
12:0	0.06%	6.3
13:0	0.02%	2.5
Anteiso 14:0	0.00%	0.0
14:0	3.54%	372.6
Iso 15:0	0.34%	35.6
Anteiso 15:0	0.09%	9.5
15:0	0.32%	34.2
Iso 16:0	0.16%	17.2
Anteiso 16:0	0.02%	2.5
16:0	15.70%	1662.8
Iso 17:0	0.08%	8.3
17:0	0.30%	31.6
Iso 18:0	0.02%	2.4
18:0	2.78%	296.1
20:0	0.10%	11.0
22:0	0.09%	9.4
23:0	0.00%	0.0
Total SFA	23.73%	2512.0
12:1	0.00%	0.0
13:1	0.05%	5.1
14:1 9c	0.16%	16.6
15:1	0.03%	3.0
16:1 7c	0.84%	88.6
16:1 9c + 16:1 9t	11.93%	1262.1
16:1 11c	0.28%	29.9
17:1 10c	0.14%	15.0
18:1 9c + 18:1 9t	26.10%	2776.7
18:1 11c	4.94%	525.6
18:1 13c	0.25%	26.8
20:1 9c	0.12%	12.3
20:1 11c (n-9)	0.82%	87.9
20:1 13c (n-7)	0.20%	21.0
22:1 13c	0.11%	11.6
24:1 isomers	0.00%	0.0
Total MUFA	45.95%	4882.3
16:2 (n-6) + anteiso 17:0	0.43%	46.0
16:2 (n-4)	0.33%	34.9
16:3 (n-4)	0.14%	15.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.11%	11.6
16:4 (n-3)	0.08%	8.0
16:4 (n-1)	0.07%	7.8
18:2 5c,11c (n-7)	0.04%	4.1
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.46%	367.5
18:2 11c,14c (n-4)	0.11%	12.1
18:3 6c 9c 12c (gamma)	0.17%	17.6
18:3 8c,11c,14c (n-4)	0.08%	8.3
18:3 9c,12c,15c (n-3)	3.47%	369.4
18:4 6c,9c,12c,15c (n-3)	1.57%	166.5
18:4 8c,11c,14c,17c (n-1)	0.03%	3.3
18:5 3c,6c,9c,12c,15c (n-3)	0.06%	5.9
20:2 11c,14c (n-6)	0.42%	45.0
20:3 8c,11c,14c (n-6)	0.17%	18.2
20:4 5c,8c,11c,14c (n-6)	2.72%	290.6
20:3 11c,14c,17c (n-3)	0.51%	54.9
20:4 8c,11c,14c,17c (n-3)	1.30%	138.3
20:5 5c,8c,11c,14c,17c (n-3)	4.18%	446.0
22:2 13c,16c (n-6)	0.06%	6.8
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	20.6
22:4 7c,10c,13c,16c (n-6)	0.50%	53.6
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.98%	104.6
22:5 7c,10c,13c,16c,19c (n-3)	1.90%	203.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.23%	774.7
Total PUFA	30.31%	3235.0
18:3 9c,12c,15c (n-3)	3.47%	369.2
18:4 6c,9c,12c,15c (n-3)	1.57%	166.5
18:5 3c,6c,9c,12c,15c (n-3)	0.06%	5.9
20:3 11c,14c,17c (n-3)	0.51%	54.9
20:4 8c,11c,14c,17c (n-3)	1.30%	138.3
20:5 5c,8c,11c,14c,17c (n-3)	4.18%	446.0
21:5 6c,9c,12c,15c,18c (n-3)	0.19%	20.5
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.90%	203.7
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.23%	774.4
Total Omega 3	20.41%	2179.5
18:2 9c,12c (n-6)	3.46%	367.5
18:3 6c 9c 12c (gamma)(n-6)	0.17%	17.6
20:2 11c,14c (n-6)	0.42%	45.0
20:3 8c,11c,14c (n-6)	0.17%	18.2
20:4 5c,8c,11c,14c (n-6)	2.72%	290.6
22:2 13c,16c (n-6)	0.06%	6.8
22:4 7c,10c,13c,16c (n-6)	0.50%	53.9
22:5 4c,7c,10c,13c,16c (n-6)	0.98%	104.6
Total Omega 6	8.48%	904.1
Total Fat (Sum of Fatty Acids)	100.00%	10629.2

Lab ID : 7004
 Client ID : C158569-0059
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.3%	2908.5
Total MUFA	44.9%	5175.5
Total PUFA	29.7%	3437.0
Total Omega 3	19.7%	2279.1
Total Omega 6	8.2%	952.8
Total Fat (Sum of Fatty Acids)	100.0%	11521.0
10:0	0.09%	10.1
12:0	0.05%	5.6
13:0	0.02%	2.5
Anteiso 14:0	0.00%	0.0
14:0	3.89%	444.0
Iso 15:0	0.39%	44.3
Anteiso 15:0	0.11%	12.9
15:0	0.38%	43.8
Iso 16:0	0.01%	1.5
Anteiso 16:0	0.02%	2.3
16:0	16.98%	1948.7
Iso 17:0	0.08%	9.4
17:0	0.31%	35.9
Iso 18:0	0.03%	3.8
18:0	2.79%	321.5
20:0	0.13%	15.0
22:0	0.06%	7.3
23:0	0.00%	0.0
Total SFA	25.35%	2908.5
12:1	0.00%	0.0
13:1	0.05%	5.6
14:1 9c	0.16%	18.4
15:1	0.02%	2.6
16:1 7c	0.85%	97.6
16:1 9c + 16:1 9t	12.74%	1461.8
16:1 11c	0.25%	29.2
17:1 10c	0.61%	70.2
18:1 9c + 18:1 9t	23.99%	2767.1
18:1 11c	4.82%	555.6
18:1 13c	0.26%	30.1
20:1 9c	0.11%	12.5
20:1 11c (n-9)	0.75%	86.9
20:1 13c (n-7)	0.20%	23.7
22:1 13c	0.12%	14.1
24:1 isomers	0.00%	0.0
Total MUFA	44.94%	5175.5
16:2 (n-6) + anteiso 17:0	0.43%	48.7
16:2 (n-4)	0.27%	30.8
16:3 (n-4)	0.29%	33.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.04%	4.9
16:4 (n-3)	0.09%	10.6
16:4 (n-1)	0.10%	11.3
18:2 5c,11c (n-7)	0.14%	15.9
18:2 8c,11c (n-7)	0.06%	7.4
18:2 9c,12c (n-6)	3.74%	431.0
18:2 11c,14c (n-4)	0.21%	24.3
18:3 6c 9c 12c (gamma)	0.07%	8.6
18:3 8c,11c,14c (n-4)	0.08%	9.5
18:3 9c,12c,15c (n-3)	3.67%	422.8
18:4 6c,9c,12c,15c (n-3)	1.58%	182.1
18:4 8c,11c,14c,17c (n-1)	0.07%	8.0
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	7.7
20:2 11c,14c (n-6)	0.37%	42.6
20:3 8c,11c,14c (n-6)	0.21%	23.8
20:4 5c,8c,11c,14c (n-6)	2.45%	284.1
20:3 11c,14c,17c (n-3)	0.42%	48.1
20:4 8c,11c,14c,17c (n-3)	1.32%	153.0
20:5 5c,8c,11c,14c,17c (n-3)	4.28%	495.1
22:2 13c,16c (n-6)	0.06%	6.5
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	21.2
22:4 7c,10c,13c,16c (n-6)	0.49%	57.2
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 4c,7c,10c,13c,16c (n-6)	0.85%	98.7
22:5 7c,10c,13c,16c,19c (n-3)	1.96%	227.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.22%	722.1
Total PUFA	29.71%	3437.0
18:3 9c,12c,15c (n-3)	3.67%	422.6
18:4 6c,9c,12c,15c (n-3)	1.58%	182.1
18:5 3c,6c,9c,12c,15c (n-3)	0.07%	7.7
20:3 11c,14c,17c (n-3)	0.42%	48.1
20:4 8c,11c,14c,17c (n-3)	1.32%	153.0
20:5 5c,8c,11c,14c,17c (n-3)	4.28%	495.1
21:5 6c,9c,12c,15c,18c (n-3)	0.18%	21.1
22:3 13c,16c,19c (n-3)	0.00%	0.0
22:5 7c,10c,13c,16c,19c (n-3)	1.96%	227.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.22%	721.9
Total Omega 3	19.69%	2279.1
18:2 9c,12c (n-6)	3.74%	431.0
18:3 6c 9c 12c (gamma)(n-6)	0.07%	8.6
20:2 11c,14c (n-6)	0.37%	42.6
20:3 8c,11c,14c (n-6)	0.21%	23.8
20:4 5c,8c,11c,14c (n-6)	2.45%	284.1
22:2 13c,16c (n-6)	0.06%	6.5
22:4 7c,10c,13c,16c (n-6)	0.49%	57.4
22:5 4c,7c,10c,13c,16c (n-6)	0.85%	98.7
Total Omega 6	8.24%	952.8
Total Fat (Sum of Fatty Acids)	100.00%	11521.0

Lab ID : 7005
 Client ID : C158569-0061
 Lake : Erie
 Species : Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.3%	4996.8
Total MUFA	44.6%	9591.2
Total PUFA	32.0%	6909.7
Total Omega 3	21.1%	4558.6
Total Omega 6	8.5%	1828.9
Total Fat (Sum of Fatty Acids)	100.0%	21497.7
10:0	0.05%	10.0
12:0	0.05%	10.3
13:0	0.01%	2.5
Anteiso 14:0	0.00%	0.0
14:0	3.79%	807.2
Iso 15:0	0.01%	2.7
Anteiso 15:0	0.11%	24.1
15:0	0.41%	88.5
Iso 16:0	0.15%	32.4
Anteiso 16:0	0.02%	4.7
16:0	15.44%	3306.9
Iso 17:0	0.45%	95.9
17:0	0.32%	67.8
Iso 18:0	0.02%	4.5
18:0	2.34%	503.0
20:0	0.10%	20.7
22:0	0.05%	10.3
23:0	0.02%	5.4
Total SFA	23.34%	4996.8
12:1	0.00%	0.0
13:1	0.02%	4.7
14:1 9c	0.16%	33.8
15:1	0.01%	1.1
16:1 7c	0.82%	176.0
16:1 9c + 16:1 9t	12.78%	2736.8
16:1 11c	0.23%	49.4
17:1 10c	0.11%	23.4
18:1 9c + 18:1 9t	23.83%	5127.4
18:1 11c	5.08%	1094.2
18:1 13c	0.22%	47.1
20:1 9c	0.15%	32.4
20:1 11c (n-9)	0.92%	198.2
20:1 13c (n-7)	0.22%	47.2
22:1 13c	0.09%	19.5
24:1 isomers	0.00%	0.0
Total MUFA	44.64%	9591.2
16:2 (n-6) + anteiso 17:0	0.42%	89.0
16:2 (n-4)	0.22%	47.8
16:3 (n-4)	1.16%	247.9

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.03%	6.9
16:4 (n-3)	0.08%	16.7
16:4 (n-1)	0.02%	4.4
18:2 5c,11c (n-7)	0.11%	24.7
18:2 8c,11c (n-7)	0.05%	11.1
18:2 9c,12c (n-6)	3.48%	749.5
18:2 11c,14c (n-4)	0.20%	43.1
18:3 6c 9c 12c (gamma)	0.17%	36.3
18:3 8c,11c,14c (n-4)	0.11%	23.6
18:3 9c,12c,15c (n-3)	3.67%	789.1
18:4 6c,9c,12c,15c (n-3)	1.54%	331.3
18:4 8c,11c,14c,17c (n-1)	0.03%	6.4
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	23.8
20:2 11c,14c (n-6)	0.39%	85.3
20:3 8c,11c,14c (n-6)	0.27%	59.2
20:4 5c,8c,11c,14c (n-6)	2.44%	527.2
20:3 11c,14c,17c (n-3)	0.42%	90.9
20:4 8c,11c,14c,17c (n-3)	1.64%	354.8
20:5 5c,8c,11c,14c,17c (n-3)	4.62%	997.9
22:2 13c,16c (n-6)	0.06%	13.2
21:5 6c,9c,12c,15c,18c (n-3)	0.25%	54.5
22:4 7c,10c,13c,16c (n-6)	0.59%	128.2
22:3 13c,16c,19c (n-3)	0.03%	5.5
22:5 4c,7c,10c,13c,16c (n-6)	1.06%	229.7
22:5 7c,10c,13c,16c,19c (n-3)	2.62%	568.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.20%	1343.5
Total PUFA	32.02%	6909.7
18:3 9c,12c,15c (n-3)	3.67%	788.8
18:4 6c,9c,12c,15c (n-3)	1.54%	331.3
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	23.8
20:3 11c,14c,17c (n-3)	0.42%	90.9
20:4 8c,11c,14c,17c (n-3)	1.64%	354.8
20:5 5c,8c,11c,14c,17c (n-3)	4.62%	997.9
21:5 6c,9c,12c,15c,18c (n-3)	0.25%	54.4
22:3 13c,16c,19c (n-3)	0.03%	5.5
22:5 7c,10c,13c,16c,19c (n-3)	2.62%	568.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.20%	1343.1
Total Omega 3	21.11%	4558.6
18:2 9c,12c (n-6)	3.48%	749.5
18:3 6c 9c 12c (gamma)(n-6)	0.17%	36.3
20:2 11c,14c (n-6)	0.39%	85.3
20:3 8c,11c,14c (n-6)	0.27%	59.2
20:4 5c,8c,11c,14c (n-6)	2.44%	527.1
22:2 13c,16c (n-6)	0.06%	13.2
22:4 7c,10c,13c,16c (n-6)	0.59%	128.7
22:5 4c,7c,10c,13c,16c (n-6)	1.06%	229.6
Total Omega 6	8.48%	1828.9
Total Fat (Sum of Fatty Acids)	100.00%	21497.7

Lab ID : 4795
 Client ID :
 Lake : Superior
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	24.9%	861.1
Total MUFA	41.3%	1437.2
Total PUFA	33.8%	1181.2
Total Omega 3	23.1%	808.7
Total Omega 6	10.1%	350.8
Total Fat (Sum of Fatty Acids)	100.0%	3479.5
10:0	0.00%	0.0
12:0	0.07%	2.5
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.05%	105.0
Iso 15:0	0.23%	7.9
Anteiso 15:0	0.21%	7.1
15:0	0.35%	12.0
Iso 16:0	0.16%	5.6
Anteiso 16:0	0.13%	4.5
16:0	17.02%	589.9
Iso 17:0	0.43%	15.1
17:0	0.28%	9.6
Iso 18:0	0.05%	1.7
18:0	2.61%	90.8
20:0	0.12%	4.1
22:0	0.15%	5.3
23:0	0.00%	0.0
Total SFA	24.85%	861.1
12:1	0.00%	0.0
13:1	0.06%	2.0
14:1 9c	0.06%	2.1
15:1	0.00%	0.0
16:1 7c	0.70%	24.4
16:1 9c + 16:1 9t	14.59%	505.5
16:1 11c	0.48%	16.7
17:1 10c	0.34%	11.6
18:1 9c + 18:1 9t	18.58%	646.9
18:1 11c	4.92%	171.4
18:1 13c	0.35%	12.3
20:1 9c	0.18%	6.2
20:1 11c (n-9)	0.60%	21.1
20:1 13c (n-7)	0.31%	10.9
22:1 13c	0.17%	5.9
24:1 isomers	0.00%	0.0
Total MUFA	41.35%	1437.2
16:2 (n-6) + anteiso 17:0	0.57%	19.9
16:2 (n-4)	0.57%	19.8
16:3 (n-4)	0.26%	9.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.12%	4.2
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.21%	7.4
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.13%	109.0
18:2 11c,14c (n-4)	0.16%	5.5
18:3 6c 9c 12c (gamma)	0.22%	7.8
18:3 8c,11c,14c (n-4)	0.32%	11.2
18:3 9c,12c,15c (n-3)	1.96%	68.2
18:4 6c,9c,12c,15c (n-3)	1.39%	48.4
18:4 8c,11c,14c,17c (n-1)	0.14%	4.9
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.45%	15.6
20:3 8c,11c,14c (n-6)	0.22%	7.7
20:4 5c,8c,11c,14c (n-6)	2.76%	96.5
20:3 11c,14c,17c (n-3)	0.46%	16.1
20:4 8c,11c,14c,17c (n-3)	1.47%	51.4
20:5 5c,8c,11c,14c,17c (n-3)	5.17%	180.6
22:2 13c,16c (n-6)	0.13%	4.6
21:5 6c,9c,12c,15c,18c (n-3)	0.22%	7.8
22:4 7c,10c,13c,16c (n-6)	0.49%	17.0
22:3 13c,16c,19c (n-3)	0.08%	2.7
22:5 4c,7c,10c,13c,16c (n-6)	0.92%	32.4
22:5 7c,10c,13c,16c,19c (n-3)	2.55%	89.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.82%	344.2
Total PUFA	33.80%	1181.2
18:3 9c,12c,15c (n-3)	1.96%	68.2
18:4 6c,9c,12c,15c (n-3)	1.39%	48.4
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.46%	16.1
20:4 8c,11c,14c,17c (n-3)	1.47%	51.4
20:5 5c,8c,11c,14c,17c (n-3)	5.17%	180.6
21:5 6c,9c,12c,15c,18c (n-3)	0.22%	7.8
22:3 13c,16c,19c (n-3)	0.08%	2.7
22:5 7c,10c,13c,16c,19c (n-3)	2.55%	89.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.82%	344.1
Total Omega 3	23.12%	808.7
18:2 9c,12c (n-6)	3.13%	109.0
18:3 6c 9c 12c (gamma)	1.96%	68.2
20:2 11c,14c (n-6)	0.45%	15.6
20:3 8c,11c,14c (n-6)	0.22%	7.7
20:4 5c,8c,11c,14c (n-6)	2.76%	96.5
22:2 13c,16c (n-6)	0.13%	4.6
22:4 7c,10c,13c,16c (n-6)	0.49%	17.0
22:5 4c,7c,10c,13c,16c (n-6)	0.92%	32.4
Total Omega 6	10.05%	350.8
Total Fat (Sum of Fatty Acids)	100.00%	3479.5

Lab ID : 4796
 Client ID :
 Lake : Superior
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	25.8%	974.4
Total MUFA	45.6%	1725.4
Total PUFA	28.6%	1089.6
Total Omega 3	18.2%	693.0
Total Omega 6	9.8%	372.0
Total Fat (Sum of Fatty Acids)	100.0%	3789.4
10:0	0.00%	0.0
12:0	0.09%	3.4
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	3.13%	117.5
Iso 15:0	0.35%	13.3
Anteiso 15:0	0.28%	10.4
15:0	0.35%	13.2
Iso 16:0	0.19%	7.0
Anteiso 16:0	0.04%	1.6
16:0	17.40%	656.7
Iso 17:0	0.59%	22.2
17:0	0.33%	12.6
Iso 18:0	0.07%	2.6
18:0	2.75%	104.3
20:0	0.10%	3.8
22:0	0.15%	5.6
23:0	0.00%	0.0
Total SFA	25.82%	974.4
12:1	0.00%	0.0
13:1	0.05%	2.0
14:1 9c	0.09%	3.3
15:1	0.00%	0.0
16:1 7c	0.90%	34.1
16:1 9c + 16:1 9t	13.20%	498.1
16:1 11c	0.43%	16.3
17:1 10c	0.42%	15.8
18:1 9c + 18:1 9t	23.04%	874.0
18:1 11c	5.19%	196.9
18:1 13c	0.41%	15.5
20:1 9c	0.45%	17.1
20:1 11c (n-9)	0.92%	35.2
20:1 13c (n-7)	0.33%	12.7
22:1 13c	0.12%	4.5
24:1 isomers	0.00%	0.0
Total MUFA	45.56%	1725.4
16:2 (n-6) + anteiso 17:0	0.70%	26.2
16:2 (n-4)	0.44%	16.4
16:3 (n-4)	0.17%	6.5

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.11%	4.0
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.15%	5.6
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.36%	127.3
18:2 11c,14c (n-4)	0.17%	6.4
18:3 6c 9c 12c (gamma)	0.20%	7.7
18:3 8c,11c,14c (n-4)	0.20%	7.6
18:3 9c,12c,15c (n-3)	1.59%	60.2
18:4 6c,9c,12c,15c (n-3)	0.93%	35.1
18:4 8c,11c,14c,17c (n-1)	0.11%	4.2
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.57%	21.6
20:3 8c,11c,14c (n-6)	0.39%	14.7
20:4 5c,8c,11c,14c (n-6)	2.59%	98.6
20:3 11c,14c,17c (n-3)	0.42%	15.9
20:4 8c,11c,14c,17c (n-3)	1.43%	54.3
20:5 5c,8c,11c,14c,17c (n-3)	3.75%	142.6
22:2 13c,16c (n-6)	0.09%	3.4
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:4 7c,10c,13c,16c (n-6)	0.39%	14.9
22:3 13c,16c,19c (n-3)	0.11%	4.3
22:5 4c,7c,10c,13c,16c (n-6)	0.82%	31.3
22:5 7c,10c,13c,16c,19c (n-3)	2.29%	87.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.69%	293.5
Total PUFA	28.63%	1089.6
18:3 9c,12c,15c (n-3)	1.59%	60.1
18:4 6c,9c,12c,15c (n-3)	0.93%	35.1
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.42%	15.9
20:4 8c,11c,14c,17c (n-3)	1.43%	54.3
20:5 5c,8c,11c,14c,17c (n-3)	3.75%	142.6
21:5 6c,9c,12c,15c,18c (n-3)	0.00%	0.0
22:3 13c,16c,19c (n-3)	0.11%	4.2
22:5 7c,10c,13c,16c,19c (n-3)	2.29%	87.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.69%	293.4
Total Omega 3	18.19%	693.0
18:2 9c,12c (n-6)	3.36%	127.3
18:3 6c 9c 12c (gamma)	1.59%	60.1
20:2 11c,14c (n-6)	0.57%	21.6
20:3 8c,11c,14c (n-6)	0.39%	14.7
20:4 5c,8c,11c,14c (n-6)	2.59%	98.6
22:2 13c,16c (n-6)	0.09%	3.4
22:4 7c,10c,13c,16c (n-6)	0.39%	14.9
22:5 4c,7c,10c,13c,16c (n-6)	0.82%	31.3
Total Omega 6	9.79%	372.0
Total Fat (Sum of Fatty Acids)	100.00%	3789.4

Lab ID : 4797
 Client ID :
 Lake : Superior
 Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	24.1%	800.9
Total MUFA	43.1%	1439.7
Total PUFA	32.8%	1102.2
Total Omega 3	21.7%	728.3
Total Omega 6	10.2%	341.5
Total Fat (Sum of Fatty Acids)	100.0%	3342.8
10:0	0.00%	0.0
12:0	0.09%	3.1
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	2.92%	96.5
Iso 15:0	0.35%	11.5
Anteiso 15:0	0.28%	9.3
15:0	0.33%	10.9
Iso 16:0	0.19%	6.3
Anteiso 16:0	0.05%	1.7
16:0	16.28%	542.0
Iso 17:0	0.46%	15.2
17:0	0.34%	11.3
Iso 18:0	0.06%	1.8
18:0	2.48%	83.1
20:0	0.11%	3.6
22:0	0.14%	4.6
23:0	0.00%	0.0
Total SFA	24.06%	800.9
12:1	0.00%	0.0
13:1	0.09%	2.9
14:1 9c	0.11%	3.8
15:1	0.00%	0.0
16:1 7c	0.68%	22.6
16:1 9c + 16:1 9t	13.83%	460.2
16:1 11c	0.57%	19.1
17:1 10c	0.41%	13.7
18:1 9c + 18:1 9t	20.45%	684.1
18:1 11c	5.02%	168.0
18:1 13c	0.54%	18.1
20:1 9c	0.30%	10.1
20:1 11c (n-9)	0.64%	21.5
20:1 13c (n-7)	0.29%	9.8
22:1 13c	0.17%	5.9
24:1 isomers	0.00%	0.0
Total MUFA	43.11%	1439.7
16:2 (n-6) + anteiso 17:0	0.60%	19.9
16:2 (n-4)	0.58%	19.4
16:3 (n-4)	0.27%	9.1

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.14%	4.5
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.20%	6.6
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.33%	111.4
18:2 11c,14c (n-4)	0.23%	7.7
18:3 6c 9c 12c (gamma)	0.33%	10.9
18:3 8c,11c,14c (n-4)	0.33%	11.2
18:3 9c,12c,15c (n-3)	1.80%	60.2
18:4 6c,9c,12c,15c (n-3)	1.29%	43.1
18:4 8c,11c,14c,17c (n-1)	0.10%	3.2
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.52%	17.3
20:3 8c,11c,14c (n-6)	0.22%	7.3
20:4 5c,8c,11c,14c (n-6)	2.73%	91.8
20:3 11c,14c,17c (n-3)	0.42%	14.0
20:4 8c,11c,14c,17c (n-3)	1.40%	47.2
20:5 5c,8c,11c,14c,17c (n-3)	4.71%	158.2
22:2 13c,16c (n-6)	0.09%	2.9
21:5 6c,9c,12c,15c,18c (n-3)	0.23%	7.8
22:4 7c,10c,13c,16c (n-6)	0.46%	15.5
22:3 13c,16c,19c (n-3)	0.13%	4.4
22:5 4c,7c,10c,13c,16c (n-6)	1.04%	35.1
22:5 7c,10c,13c,16c,19c (n-3)	2.43%	81.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.26%	311.9
Total PUFA	32.83%	1102.2
18:3 9c,12c,15c (n-3)	1.80%	60.2
18:4 6c,9c,12c,15c (n-3)	1.29%	43.1
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.42%	14.0
20:4 8c,11c,14c,17c (n-3)	1.40%	47.2
20:5 5c,8c,11c,14c,17c (n-3)	4.71%	158.2
21:5 6c,9c,12c,15c,18c (n-3)	0.23%	7.8
22:3 13c,16c,19c (n-3)	0.13%	4.3
22:5 7c,10c,13c,16c,19c (n-3)	2.43%	81.8
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.26%	311.9
Total Omega 3	21.67%	728.3
18:2 9c,12c (n-6)	3.33%	111.4
18:3 6c 9c 12c (gamma)	1.80%	60.2
20:2 11c,14c (n-6)	0.52%	17.3
20:3 8c,11c,14c (n-6)	0.22%	7.3
20:4 5c,8c,11c,14c (n-6)	2.73%	91.8
22:2 13c,16c (n-6)	0.09%	2.9
22:4 7c,10c,13c,16c (n-6)	0.46%	15.5
22:5 4c,7c,10c,13c,16c (n-6)	1.04%	35.1
Total Omega 6	10.18%	341.5
Total Fat (Sum of Fatty Acids)	100.00%	3342.8

Lab ID : 4798
Client ID :
Lake : Superior
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.0%	1171.6
Total MUFA	39.3%	2100.4
Total PUFA	38.7%	2080.9
Total Omega 3	27.3%	1467.3
Total Omega 6	11.7%	628.3
Total Fat (Sum of Fatty Acids)	100.0%	5352.9
10:0	0.00%	0.0
12:0	0.06%	3.1
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	2.72%	144.0
Iso 15:0	0.24%	12.8
Anteiso 15:0	0.18%	9.6
15:0	0.31%	16.6
Iso 16:0	0.13%	6.7
Anteiso 16:0	0.04%	2.2
16:0	15.36%	818.4
Iso 17:0	0.25%	13.2
17:0	0.25%	13.5
Iso 18:0	0.05%	2.7
18:0	2.22%	118.8
20:0	0.10%	5.4
22:0	0.08%	4.5
23:0	0.00%	0.0
Total SFA	21.99%	1171.6
12:1	0.00%	0.0
13:1	0.05%	2.7
14:1 9c	0.08%	4.2
15:1	0.00%	0.0
16:1 7c	0.59%	31.6
16:1 9c + 16:1 9t	12.52%	666.8
16:1 11c	0.30%	16.2
17:1 10c	0.37%	19.6
18:1 9c + 18:1 9t	19.36%	1036.7
18:1 11c	4.58%	245.2
18:1 13c	0.32%	17.2
20:1 9c	0.05%	2.7
20:1 11c (n-9)	0.61%	32.6
20:1 13c (n-7)	0.29%	15.5
22:1 13c	0.18%	9.5
24:1 isomers	0.00%	0.0
Total MUFA	39.29%	2100.4
16:2 (n-6) + anteiso 17:0	0.40%	21.2
16:2 (n-4)	0.40%	21.5
16:3 (n-4)	0.23%	12.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.14%	7.5
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.16%	8.5
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.57%	191.2
18:2 11c,14c (n-4)	0.18%	9.7
18:3 6c 9c 12c (gamma)	0.21%	11.2
18:3 8c,11c,14c (n-4)	0.24%	13.0
18:3 9c,12c,15c (n-3)	2.32%	124.1
18:4 6c,9c,12c,15c (n-3)	1.49%	79.5
18:4 8c,11c,14c,17c (n-1)	0.08%	4.1
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.51%	27.4
20:3 8c,11c,14c (n-6)	0.30%	16.0
20:4 5c,8c,11c,14c (n-6)	3.22%	172.9
20:3 11c,14c,17c (n-3)	0.71%	38.3
20:4 8c,11c,14c,17c (n-3)	2.10%	112.6
20:5 5c,8c,11c,14c,17c (n-3)	5.99%	321.8
22:2 13c,16c (n-6)	0.08%	4.4
21:5 6c,9c,12c,15c,18c (n-3)	0.26%	13.8
22:4 7c,10c,13c,16c (n-6)	0.46%	24.6
22:3 13c,16c,19c (n-3)	0.14%	7.5
22:5 4c,7c,10c,13c,16c (n-6)	1.26%	67.8
22:5 7c,10c,13c,16c,19c (n-3)	3.08%	166.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	11.20%	603.7
Total PUFA	38.72%	2080.9
18:3 9c,12c,15c (n-3)	2.32%	124.1
18:4 6c,9c,12c,15c (n-3)	1.49%	79.5
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.71%	38.3
20:4 8c,11c,14c,17c (n-3)	2.10%	112.6
20:5 5c,8c,11c,14c,17c (n-3)	5.99%	321.8
21:5 6c,9c,12c,15c,18c (n-3)	0.26%	13.8
22:3 13c,16c,19c (n-3)	0.14%	7.5
22:5 7c,10c,13c,16c,19c (n-3)	3.08%	166.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	11.20%	603.5
Total Omega 3	27.28%	1467.3
18:2 9c,12c (n-6)	3.57%	191.2
18:3 6c 9c 12c (gamma)	2.32%	124.1
20:2 11c,14c (n-6)	0.51%	27.4
20:3 8c,11c,14c (n-6)	0.30%	16.0
20:4 5c,8c,11c,14c (n-6)	3.22%	172.8
22:2 13c,16c (n-6)	0.08%	4.4
22:4 7c,10c,13c,16c (n-6)	0.46%	24.7
22:5 4c,7c,10c,13c,16c (n-6)	1.26%	67.7
Total Omega 6	11.71%	628.3
Total Fat (Sum of Fatty Acids)	100.00%	5352.9

Lab ID : 4799
Client ID :
Lake : Superior
Species : Whitefish

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.0%	707.9
Total MUFA	38.1%	1230.1
Total PUFA	39.9%	1293.1
Total Omega 3	27.9%	906.1
Total Omega 6	11.7%	379.9
Total Fat (Sum of Fatty Acids)	100.0%	3231.1
10:0	0.00%	0.0
12:0	0.06%	1.9
13:0	0.00%	0.0
Anteiso 14:0	0.00%	0.0
14:0	2.40%	76.7
Iso 15:0	0.20%	6.4
Anteiso 15:0	0.14%	4.4
15:0	0.28%	9.0
Iso 16:0	0.15%	4.9
Anteiso 16:0	0.04%	1.4
16:0	15.16%	487.5
Iso 17:0	0.32%	10.2
17:0	0.32%	10.3
Iso 18:0	0.05%	1.6
18:0	2.66%	85.9
20:0	0.10%	3.2
22:0	0.13%	4.3
23:0	0.00%	0.0
Total SFA	22.01%	707.9
12:1	0.00%	0.0
13:1	0.05%	1.5
14:1 9c	0.06%	2.0
15:1	0.00%	0.0
16:1 7c	0.71%	22.7
16:1 9c + 16:1 9t	10.50%	337.5
16:1 11c	0.35%	11.3
17:1 10c	0.38%	12.1
18:1 9c + 18:1 9t	19.83%	640.6
18:1 11c	4.62%	149.1
18:1 13c	0.30%	9.8
20:1 9c	0.12%	3.9
20:1 11c (n-9)	0.68%	22.0
20:1 13c (n-7)	0.38%	12.5
22:1 13c	0.15%	5.0
24:1 isomers	0.00%	0.0
Total MUFA	38.13%	1230.1
16:2 (n-6) + anteiso 17:0	0.53%	16.9
16:2 (n-4)	0.40%	12.8
16:3 (n-4)	0.20%	6.5

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.12%	3.8
16:4 (n-3)	0.00%	0.0
16:4 (n-1)	0.11%	3.5
18:2 5c,11c (n-7)	0.00%	0.0
18:2 8c,11c (n-7)	0.00%	0.0
18:2 9c,12c (n-6)	3.39%	109.3
18:2 11c,14c (n-4)	0.16%	5.1
18:3 6c 9c 12c (gamma)	0.28%	9.0
18:3 8c,11c,14c (n-4)	0.23%	7.5
18:3 9c,12c,15c (n-3)	1.89%	61.1
18:4 6c,9c,12c,15c (n-3)	1.16%	37.5
18:4 8c,11c,14c,17c (n-1)	0.09%	2.8
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:2 11c,14c (n-6)	0.51%	16.5
20:3 8c,11c,14c (n-6)	0.26%	8.5
20:4 5c,8c,11c,14c (n-6)	3.52%	114.1
20:3 11c,14c,17c (n-3)	0.65%	21.1
20:4 8c,11c,14c,17c (n-3)	2.09%	67.9
20:5 5c,8c,11c,14c,17c (n-3)	5.85%	189.7
22:2 13c,16c (n-6)	0.11%	3.5
21:5 6c,9c,12c,15c,18c (n-3)	0.21%	7.0
22:4 7c,10c,13c,16c (n-6)	0.66%	21.3
22:3 13c,16c,19c (n-3)	0.12%	3.9
22:5 4c,7c,10c,13c,16c (n-6)	1.40%	45.6
22:5 7c,10c,13c,16c,19c (n-3)	3.71%	120.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	12.22%	397.5
Total PUFA	39.86%	1293.1
18:3 9c,12c,15c (n-3)	1.89%	61.1
18:4 6c,9c,12c,15c (n-3)	1.16%	37.5
18:5 3c,6c,9c,12c,15c (n-3)	0.00%	0.0
20:3 11c,14c,17c (n-3)	0.65%	21.1
20:4 8c,11c,14c,17c (n-3)	2.09%	67.9
20:5 5c,8c,11c,14c,17c (n-3)	5.85%	189.7
21:5 6c,9c,12c,15c,18c (n-3)	0.21%	7.0
22:3 13c,16c,19c (n-3)	0.12%	3.9
22:5 7c,10c,13c,16c,19c (n-3)	3.71%	120.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	12.22%	397.3
Total Omega 3	27.91%	906.1
18:2 9c,12c (n-6)	3.39%	109.3
18:3 6c 9c 12c (gamma)	1.89%	61.1
20:2 11c,14c (n-6)	0.51%	16.5
20:3 8c,11c,14c (n-6)	0.26%	8.5
20:4 5c,8c,11c,14c (n-6)	3.52%	114.1
22:2 13c,16c (n-6)	0.11%	3.5
22:4 7c,10c,13c,16c (n-6)	0.66%	21.4
22:5 4c,7c,10c,13c,16c (n-6)	1.40%	45.6
Total Omega 6	11.73%	379.9
Total Fat (Sum of Fatty Acids)	100.00%	3231.1

Lab ID : 7227
 Client ID : 2009309-S02
 Lake : Michigan
 Species : Lake Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	23.9%	1858.5
Total MUFA	40.4%	3156.5
Total PUFA	35.8%	2811.4
Total Omega 3	22.7%	1782.4
Total Omega 6	13.7%	1076.8
Total Fat (Sum of Fatty Acids)	100.0%	7826.5
10:0	0.05%	3.8
12:0	0.05%	3.8
13:0	0.03%	2.2
Anteiso 14:0	0.00%	0.0
14:0	2.78%	215.5
Iso 15:0	0.30%	23.7
Anteiso 15:0	0.15%	11.5
15:0	0.29%	22.6
Iso 16:0	0.20%	15.4
Anteiso 16:0	0.03%	2.1
16:0	15.26%	1188.7
Iso 17:0	0.53%	41.4
17:0	0.32%	24.7
Iso 18:0	0.04%	2.8
18:0	3.41%	266.8
20:0	0.13%	9.8
22:0	0.07%	5.5
23:0	0.23%	18.1
Total SFA	23.85%	1858.5
12:1	0.01%	1.1
13:1	0.05%	3.6
14:1 9c	0.11%	8.5
15:1	0.02%	1.3
16:1 7c	0.64%	50.1
16:1 9c + 16:1 9t	8.64%	673.2
16:1 11c	0.29%	22.3
17:1 10c	0.42%	32.4
18:1 9c + 18:1 9t	23.39%	1831.2
18:1 11c	4.63%	362.5
18:1 13c	0.19%	14.8
20:1 9c	0.15%	11.9
20:1 11c (n-9)	1.01%	79.8
20:1 13c (n-7)	0.30%	23.3
22:1 13c	0.17%	13.2
24:1 isomers	0.35%	27.3
Total MUFA	40.37%	3156.5
16:2 (n-6) + anteiso 17:0	0.68%	52.7
16:2 (n-4)	0.22%	17.4
16:3 (n-4)	0.06%	4.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:3 (n-3)	0.05%	3.9
16:4 (n-3)	0.04%	3.4
16:4 (n-1)	0.04%	3.1
18:2 5c,11c (n-7)	0.11%	8.4
18:2 8c,11c (n-7)	0.04%	3.2
18:2 9c,12c (n-6)	3.79%	296.9
18:2 11c,14c (n-4)	0.17%	13.3
18:3 6c 9c 12c (gamma)	0.25%	19.5
18:3 8c,11c,14c (n-4)	0.22%	16.9
18:3 9c,12c,15c (n-3)	2.54%	198.8
18:4 6c,9c,12c,15c (n-3)	1.04%	81.2
18:4 8c,11c,14c,17c (n-1)	0.06%	4.5
18:5 3c,6c,9c,12c,15c (n-3)	0.13%	9.8
20:2 11c,14c (n-6)	0.70%	55.2
20:3 8c,11c,14c (n-6)	0.31%	24.6
20:4 5c,8c,11c,14c (n-6)	3.25%	255.4
20:3 11c,14c,17c (n-3)	0.57%	44.9
20:4 8c,11c,14c,17c (n-3)	1.38%	108.7
20:5 5c,8c,11c,14c,17c (n-3)	4.05%	317.9
22:2 13c.16c (n-6)	0.15%	11.7
21:5 6c,9c,12c,15c,18c (n-3)	0.07%	5.7
22:4 7c,10c,13c,16c (n-6)	0.76%	59.7
22:3 13c,16c,19c (n-3)	0.15%	11.5
22:5 4c,7c,10c,13c,16c (n-6)	2.21%	174.5
22:5 7c,10c,13c,16c,19c (n-3)	2.75%	216.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.99%	787.7
Total PUFA	35.78%	2811.4
18:3 9c,12c,15c (n-3)	2.54%	198.7
18:4 6c,9c,12c,15c (n-3)	1.04%	81.2
18:5 3c,6c,9c,12c,15c (n-3)	0.13%	9.8
20:3 11c,14c,17c (n-3)	0.57%	44.9
20:4 8c,11c,14c,17c (n-3)	1.38%	108.7
20:5 5c,8c,11c,14c,17c (n-3)	4.05%	317.9
21:5 6c,9c,12c,15c,18c (n-3)	0.07%	5.7
22:3 13c,16c,19c (n-3)	0.15%	11.5
22:5 7c,10c,13c,16c,19c (n-3)	2.75%	216.5
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.99%	787.4
Total Omega 3	22.67%	1782.4
18:2 9c,12c (n-6)	3.79%	296.9
18:3 6c 9c 12c (gamma)	2.54%	198.7
20:2 11c,14c (n-6)	0.70%	55.2
20:3 8c,11c,14c (n-6)	0.31%	24.6
20:4 5c,8c,11c,14c (n-6)	3.25%	255.3
22:2 13c,16c (n-6)	0.15%	11.7
22:4 7c,10c,13c,16c (n-6)	0.76%	59.9
22:5 4c,7c,10c,13c,16c (n-6)	2.21%	174.5
Total Omega 6	13.72%	1076.8
Total Fat (Sum of Fatty Acids)	100.00%	7826.5

Lab ID : 7228
 Client ID : 2009309-S03
 Lake : Michigan
 Species : Lake Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.5%	1738.1
Total MUFA	41.7%	3239.9
Total PUFA	35.8%	2795.5
Total Omega 3	22.9%	1790.8
Total Omega 6	13.6%	1059.4
Total Fat (Sum of Fatty Acids)	100.0%	7773.5
10:0	0.00%	0.0
12:0	0.04%	3.2
13:0	0.02%	1.8
Anteiso 14:0	0.00%	0.0
14:0	2.90%	222.7
Iso 15:0	0.31%	23.7
Anteiso 15:0	0.13%	10.4
15:0	0.29%	22.3
Iso 16:0	0.21%	16.0
Anteiso 16:0	0.03%	2.2
16:0	14.83%	1147.6
Iso 17:0	0.07%	5.6
17:0	0.28%	21.7
Iso 18:0	0.06%	4.5
18:0	3.08%	239.2
20:0	0.13%	10.0
22:0	0.09%	7.1
23:0	0.00%	0.0
Total SFA	22.47%	1738.1
12:1	0.00%	0.0
13:1	0.04%	3.2
14:1 9c	0.10%	7.8
15:1	0.02%	1.7
16:1 7c	0.62%	48.2
16:1 9c + 16:1 9t	7.49%	579.6
16:1 11c	0.18%	13.6
17:1 10c	0.39%	30.0
18:1 9c + 18:1 9t	25.96%	2018.0
18:1 11c	4.16%	323.5
18:1 13c	0.18%	14.2
20:1 9c	0.09%	7.3
20:1 11c (n-9)	1.44%	112.8
20:1 13c (n-7)	0.30%	23.6
22:1 13c	0.26%	20.2
24:1 isomers	0.46%	36.3
Total MUFA	41.71%	3239.9
16:2 (n-6) + anteiso 17:0	0.54%	41.9
16:2 (n-4)	0.14%	11.2
16:3 (n-4)	0.06%	4.7
16:3 (n-3)	0.05%	4.2

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:4 (n-3)	0.05%	3.9
16:4 (n-1)	0.03%	2.3
18:2 5c,11c (n-7)	0.13%	10.2
18:2 8c,11c (n-7)	0.05%	3.9
18:2 9c,12c (n-6)	3.48%	270.7
18:2 11c,14c (n-4)	0.18%	14.3
18:3 6c 9c 12c (gamma)	0.23%	18.2
18:3 8c,11c,14c (n-4)	0.15%	11.8
18:3 9c,12c,15c (n-3)	2.40%	186.8
18:4 6c,9c,12c,15c (n-3)	0.93%	72.1
18:4 8c,11c,14c,17c (n-1)	0.06%	5.0
18:5 3c,6c,9c,12c,15c (n-3)	0.22%	17.5
20:2 11c,14c (n-6)	0.74%	58.1
20:3 8c,11c,14c (n-6)	0.33%	25.5
20:4 5c,8c,11c,14c (n-6)	3.30%	257.8
20:3 11c,14c,17c (n-3)	0.67%	52.5
20:4 8c,11c,14c,17c (n-3)	1.58%	123.3
20:5 5c,8c,11c,14c,17c (n-3)	3.99%	310.9
22:2 13c,16c (n-6)	0.17%	13.3
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	8.4
22:4 7c,10c,13c,16c (n-6)	0.78%	60.9
22:3 13c,16c,19c (n-3)	0.19%	15.2
22:5 4c,7c,10c,13c,16c (n-6)	2.38%	186.2
22:5 7c,10c,13c,16c,19c (n-3)	2.65%	207.1
22:6 4c,7c,10c,13c,16c,19c (n-3)	10.19%	797.5
Total PUFA	35.82%	2795.5
18:3 9c,12c,15c (n-3)	2.40%	186.7
18:4 6c,9c,12c,15c (n-3)	0.93%	72.1
18:5 3c,6c,9c,12c,15c (n-3)	0.22%	17.5
20:3 11c,14c,17c (n-3)	0.67%	52.5
20:4 8c,11c,14c,17c (n-3)	1.58%	123.3
20:5 5c,8c,11c,14c,17c (n-3)	3.99%	310.9
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	8.4
22:3 13c,16c,19c (n-3)	0.19%	15.1
22:5 7c,10c,13c,16c,19c (n-3)	2.65%	207.1
22:6 4c,7c,10c,13c,16c,19c (n-3)	10.19%	797.2
Total Omega 3	22.93%	1790.8
18:2 9c,12c (n-6)	3.48%	270.7
18:3 6c 9c 12c (gamma)	2.40%	186.7
20:2 11c,14c (n-6)	0.74%	58.1
20:3 8c,11c,14c (n-6)	0.33%	25.5
20:4 5c,8c,11c,14c (n-6)	3.30%	257.8
22:2 13c,16c (n-6)	0.17%	13.3
22:4 7c,10c,13c,16c (n-6)	0.78%	61.2
22:5 4c,7c,10c,13c,16c (n-6)	2.38%	186.2
Total Omega 6	13.59%	1059.4
Total Fat (Sum of Fatty Acids)	100.00%	7773.5

Lab ID : 7229
 Client ID : 2009309-S04
 Lake : Michigan
 Species : Lake Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	21.9%	3163.0
Total MUFA	38.9%	5630.3
Total PUFA	39.2%	5706.4
Total Omega 3	25.1%	3652.4
Total Omega 6	15.4%	2234.1
Total Fat (Sum of Fatty Acids)	100.0%	14499.6
10:0	0.02%	2.7
12:0	0.04%	5.7
13:0	0.02%	2.8
Anteiso 14:0	0.00%	0.0
14:0	3.03%	435.1
Iso 15:0	0.32%	46.0
Anteiso 15:0	0.13%	18.8
15:0	0.30%	42.7
Iso 16:0	0.18%	25.4
Anteiso 16:0	0.01%	1.6
16:0	14.28%	2059.7
Iso 17:0	0.40%	57.8
17:0	0.30%	44.1
Iso 18:0	0.03%	5.0
18:0	2.64%	383.1
20:0	0.12%	16.8
22:0	0.07%	9.9
23:0	0.04%	6.1
Total SFA	21.93%	3163.0
12:1	0.00%	0.0
13:1	0.04%	6.4
14:1 9c	0.09%	13.2
15:1	0.01%	1.7
16:1 7c	0.66%	95.1
16:1 9c + 16:1 9t	6.93%	999.3
16:1 11c	0.19%	27.6
17:1 10c	0.44%	63.0
18:1 9c + 18:1 9t	23.75%	3443.3
18:1 11c	4.02%	583.2
18:1 13c	0.13%	18.8
20:1 9c	0.08%	11.8
20:1 11c (n-9)	1.44%	209.0
20:1 13c (n-7)	0.33%	48.5
22:1 13c	0.23%	33.0
24:1 isomers	0.52%	76.5
Total MUFA	38.86%	5630.3
16:2 (n-6) + anteiso 17:0	0.52%	74.8
16:2 (n-4)	0.17%	24.5
16:3 (n-4)	0.09%	12.7
16:3 (n-3)	0.03%	4.7

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:4 (n-3)	0.04%	5.6
16:4 (n-1)	0.01%	1.9
18:2 5c,11c (n-7)	0.10%	14.4
18:2 8c,11c (n-7)	0.06%	8.1
18:2 9c,12c (n-6)	4.10%	593.9
18:2 11c,14c (n-4)	0.17%	24.8
18:3 6c 9c 12c (gamma)	0.26%	37.5
18:3 8c,11c,14c (n-4)	0.19%	27.1
18:3 9c,12c,15c (n-3)	2.92%	423.4
18:4 6c,9c,12c,15c (n-3)	1.13%	163.8
18:4 8c,11c,14c,17c (n-1)	0.04%	6.3
18:5 3c,6c,9c,12c,15c (n-3)	0.19%	27.8
20:2 11c,14c (n-6)	1.02%	148.9
20:3 8c,11c,14c (n-6)	0.36%	52.0
20:4 5c,8c,11c,14c (n-6)	3.35%	486.8
20:3 11c,14c,17c (n-3)	0.84%	121.9
20:4 8c,11c,14c,17c (n-3)	2.08%	302.4
20:5 5c,8c,11c,14c,17c (n-3)	4.34%	631.2
22:2 13c,16c (n-6)	0.21%	30.8
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	28.9
22:4 7c,10c,13c,16c (n-6)	0.81%	117.2
22:3 13c,16c,19c (n-3)	0.30%	43.8
22:5 4c,7c,10c,13c,16c (n-6)	2.61%	381.0
22:5 7c,10c,13c,16c,19c (n-3)	2.80%	408.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	10.29%	1501.8
Total PUFA	39.21%	5706.4
18:3 9c,12c,15c (n-3)	2.92%	423.2
18:4 6c,9c,12c,15c (n-3)	1.13%	163.8
18:5 3c,6c,9c,12c,15c (n-3)	0.19%	27.8
20:3 11c,14c,17c (n-3)	0.84%	121.9
20:4 8c,11c,14c,17c (n-3)	2.08%	302.4
20:5 5c,8c,11c,14c,17c (n-3)	4.34%	631.2
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	28.9
22:3 13c,16c,19c (n-3)	0.30%	43.7
22:5 7c,10c,13c,16c,19c (n-3)	2.80%	408.3
22:6 4c,7c,10c,13c,16c,19c (n-3)	10.29%	1501.3
Total Omega 3	25.08%	3652.4
18:2 9c,12c (n-6)	4.10%	593.9
18:3 6c 9c 12c (gamma)	2.92%	423.2
20:2 11c,14c (n-6)	1.02%	148.9
20:3 8c,11c,14c (n-6)	0.36%	52.0
20:4 5c,8c,11c,14c (n-6)	3.35%	486.7
22:2 13c,16c (n-6)	0.21%	30.9
22:4 7c,10c,13c,16c (n-6)	0.81%	117.7
22:5 4c,7c,10c,13c,16c (n-6)	2.61%	381.0
Total Omega 6	15.37%	2234.1
Total Fat (Sum of Fatty Acids)	100.00%	14499.6

Lab ID : 7230
 Client ID : 2009309-S05
 Lake : Michigan
 Species : Lake Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.1%	3410.8
Total MUFA	37.6%	5819.9
Total PUFA	40.3%	6259.2
Total Omega 3	26.1%	4063.8
Total Omega 6	15.7%	2440.0
Total Fat (Sum of Fatty Acids)	100.0%	15489.9
10:0	0.02%	3.6
12:0	0.04%	5.8
13:0	0.02%	3.1
Anteiso 14:0	0.00%	0.0
14:0	3.26%	498.6
Iso 15:0	0.35%	53.9
Anteiso 15:0	0.15%	22.9
15:0	0.32%	49.1
Iso 16:0	0.18%	27.8
Anteiso 16:0	0.01%	1.7
16:0	14.12%	2176.0
Iso 17:0	0.43%	65.9
17:0	0.33%	50.8
Iso 18:0	0.05%	7.0
18:0	2.58%	399.8
20:0	0.14%	21.2
22:0	0.09%	14.8
23:0	0.06%	8.8
Total SFA	22.13%	3410.8
12:1	0.00%	0.0
13:1	0.05%	6.9
14:1 9c	0.09%	13.4
15:1	0.01%	1.2
16:1 7c	0.71%	110.0
16:1 9c + 16:1 9t	6.45%	993.3
16:1 11c	0.19%	29.3
17:1 10c	0.45%	69.0
18:1 9c + 18:1 9t	22.46%	3477.9
18:1 11c	4.29%	664.9
18:1 13c	0.12%	19.2
20:1 9c	0.10%	16.0
20:1 11c (n-9)	1.61%	249.8
20:1 13c (n-7)	0.37%	56.9
22:1 13c	0.25%	39.3
24:1 isomers	0.46%	72.7
Total MUFA	37.60%	5819.9
16:2 (n-6) + anteiso 17:0	0.59%	90.5
16:2 (n-4)	0.17%	26.5
16:3 (n-4)	0.07%	11.2
16:3 (n-3)	0.05%	7.4

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:4 (n-3)	0.06%	9.0
16:4 (n-1)	0.04%	6.1
18:2 5c,11c (n-7)	0.11%	16.4
18:2 8c,11c (n-7)	0.05%	7.8
18:2 9c,12c (n-6)	4.35%	673.6
18:2 11c,14c (n-4)	0.15%	23.1
18:3 6c 9c 12c (gamma)	0.25%	38.0
18:3 8c,11c,14c (n-4)	0.17%	26.1
18:3 9c,12c,15c (n-3)	3.32%	514.3
18:4 6c,9c,12c,15c (n-3)	1.36%	209.7
18:4 8c,11c,14c,17c (n-1)	0.04%	6.9
18:5 3c,6c,9c,12c,15c (n-3)	0.20%	31.3
20:2 11c,14c (n-6)	1.06%	165.3
20:3 8c,11c,14c (n-6)	0.38%	59.8
20:4 5c,8c,11c,14c (n-6)	3.02%	469.9
20:3 11c,14c,17c (n-3)	0.95%	147.2
20:4 8c,11c,14c,17c (n-3)	2.39%	371.8
20:5 5c,8c,11c,14c,17c (n-3)	4.28%	664.4
22:2 13c,16c (n-6)	0.19%	29.3
21:5 6c,9c,12c,15c,18c (n-3)	0.22%	34.5
22:4 7c,10c,13c,16c (n-6)	0.86%	133.7
22:3 13c,16c,19c (n-3)	0.31%	48.4
22:5 4c,7c,10c,13c,16c (n-6)	2.53%	394.1
22:5 7c,10c,13c,16c,19c (n-3)	3.12%	485.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.99%	1557.3
Total PUFA	40.26%	6259.2
18:3 9c,12c,15c (n-3)	3.32%	514.0
18:4 6c,9c,12c,15c (n-3)	1.36%	209.7
18:5 3c,6c,9c,12c,15c (n-3)	0.20%	31.3
20:3 11c,14c,17c (n-3)	0.95%	147.3
20:4 8c,11c,14c,17c (n-3)	2.39%	371.8
20:5 5c,8c,11c,14c,17c (n-3)	4.28%	664.4
21:5 6c,9c,12c,15c,18c (n-3)	0.22%	34.4
22:3 13c,16c,19c (n-3)	0.31%	48.2
22:5 7c,10c,13c,16c,19c (n-3)	3.12%	485.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.99%	1556.8
Total Omega 3	26.13%	4063.8
18:2 9c,12c (n-6)	4.35%	673.6
18:3 6c 9c 12c (gamma)	3.32%	514.0
20:2 11c,14c (n-6)	1.06%	165.3
20:3 8c,11c,14c (n-6)	0.38%	59.8
20:4 5c,8c,11c,14c (n-6)	3.02%	469.8
22:2 13c,16c (n-6)	0.19%	29.3
22:4 7c,10c,13c,16c (n-6)	0.86%	134.2
22:5 4c,7c,10c,13c,16c (n-6)	2.53%	394.0
Total Omega 6	15.72%	2440.0
Total Fat (Sum of Fatty Acids)	100.00%	15489.9

Lab ID : 7231
 Client ID : 2009309-S06
 Lake : Michigan
 Species : Lake Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.0%	2211.5
Total MUFA	48.0%	4856.5
Total PUFA	30.0%	3048.6
Total Omega 3	17.7%	1802.1
Total Omega 6	11.9%	1205.8
Total Fat (Sum of Fatty Acids)	100.0%	10116.6
10:0	0.10%	10.1
12:0	0.04%	4.1
13:0	0.01%	1.3
Anteiso 14:0	0.00%	0.0
14:0	2.30%	230.0
Iso 15:0	0.24%	24.5
Anteiso 15:0	0.10%	9.7
15:0	0.26%	26.1
Iso 16:0	0.23%	23.4
Anteiso 16:0	0.03%	3.0
16:0	14.49%	1460.0
Iso 17:0	0.80%	80.8
17:0	0.21%	21.2
Iso 18:0	0.06%	6.3
18:0	2.77%	280.5
20:0	0.11%	10.9
22:0	0.06%	6.3
23:0	0.13%	13.2
Total SFA	21.95%	2211.5
12:1	0.00%	0.0
13:1	0.04%	3.5
14:1 9c	0.16%	15.7
15:1	0.02%	1.7
16:1 7c	0.53%	52.9
16:1 9c + 16:1 9t	12.56%	1264.3
16:1 11c	0.25%	25.0
17:1 10c	0.37%	37.8
18:1 9c + 18:1 9t	26.49%	2681.6
18:1 11c	5.01%	507.6
18:1 13c	0.36%	36.2
20:1 9c	0.29%	29.3
20:1 11c (n-9)	1.14%	115.5
20:1 13c (n-7)	0.34%	35.0
22:1 13c	0.15%	15.6
24:1 isomers	0.34%	34.7
Total MUFA	48.04%	4856.5
16:2 (n-6) + anteiso 17:0	0.89%	89.1
16:2 (n-4)	0.15%	14.6
16:3 (n-4)	0.06%	6.2
16:3 (n-3)	0.14%	14.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:4 (n-3)	0.03%	3.1
16:4 (n-1)	0.05%	5.5
18:2 5c,11c (n-7)	0.12%	12.0
18:2 8c,11c (n-7)	0.06%	5.8
18:2 9c,12c (n-6)	2.89%	292.3
18:2 11c,14c (n-4)	0.20%	20.2
18:3 6c 9c 12c (gamma)	0.22%	22.5
18:3 8c,11c,14c (n-4)	0.20%	19.8
18:3 9c,12c,15c (n-3)	1.77%	178.8
18:4 6c,9c,12c,15c (n-3)	0.69%	69.4
18:4 8c,11c,14c,17c (n-1)	0.07%	6.6
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	11.1
20:2 11c,14c (n-6)	0.54%	54.7
20:3 8c,11c,14c (n-6)	0.24%	24.1
20:4 5c,8c,11c,14c (n-6)	2.98%	302.4
20:3 11c,14c,17c (n-3)	0.41%	42.0
20:4 8c,11c,14c,17c (n-3)	1.08%	110.1
20:5 5c,8c,11c,14c,17c (n-3)	3.19%	323.8
22:2 13c,16c (n-6)	0.09%	9.0
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	11.7
22:4 7c,10c,13c,16c (n-6)	1.04%	105.8
22:3 13c,16c,19c (n-3)	0.11%	11.0
22:5 4c,7c,10c,13c,16c (n-6)	2.34%	238.5
22:5 7c,10c,13c,16c,19c (n-3)	2.94%	299.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.31%	744.6
Total PUFA	30.01%	3048.6
18:3 9c,12c,15c (n-3)	1.77%	178.7
18:4 6c,9c,12c,15c (n-3)	0.69%	69.4
18:5 3c,6c,9c,12c,15c (n-3)	0.11%	11.1
20:3 11c,14c,17c (n-3)	0.41%	42.0
20:4 8c,11c,14c,17c (n-3)	1.08%	110.1
20:5 5c,8c,11c,14c,17c (n-3)	3.19%	323.8
21:5 6c,9c,12c,15c,18c (n-3)	0.11%	11.7
22:3 13c,16c,19c (n-3)	0.11%	11.0
22:5 7c,10c,13c,16c,19c (n-3)	2.94%	299.9
22:6 4c,7c,10c,13c,16c,19c (n-3)	7.31%	744.4
Total Omega 3	17.72%	1802.1
18:2 9c,12c (n-6)	2.89%	292.3
18:3 6c 9c 12c (gamma)	1.77%	178.7
20:2 11c,14c (n-6)	0.54%	54.7
20:3 8c,11c,14c (n-6)	0.24%	24.1
20:4 5c,8c,11c,14c (n-6)	2.98%	302.3
22:2 13c,16c (n-6)	0.09%	9.0
22:4 7c,10c,13c,16c (n-6)	1.04%	106.2
22:5 4c,7c,10c,13c,16c (n-6)	2.34%	238.5
Total Omega 6	11.88%	1205.8
Total Fat (Sum of Fatty Acids)	100.00%	10116.6

Lab ID : 7232
 Client ID : 2009309-S07
 Lake : Michigan
 Species : Lake Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	21.2%	3490.4
Total MUFA	41.6%	6876.6
Total PUFA	37.2%	6185.4
Total Omega 3	23.9%	3970.6
Total Omega 6	14.3%	2370.5
Total Fat (Sum of Fatty Acids)	100.0%	16552.5
10:0	0.09%	13.9
12:0	0.05%	8.6
13:0	0.01%	2.1
Anteiso 14:0	0.00%	0.0
14:0	3.23%	529.0
Iso 15:0	0.34%	55.1
Anteiso 15:0	0.14%	22.6
15:0	0.33%	54.5
Iso 16:0	0.20%	33.6
Anteiso 16:0	0.02%	3.7
16:0	13.76%	2266.7
Iso 17:0	0.06%	10.4
17:0	0.26%	43.6
Iso 18:0	0.03%	5.6
18:0	2.43%	401.9
20:0	0.12%	20.3
22:0	0.06%	10.2
23:0	0.05%	8.7
Total SFA	21.20%	3490.4
12:1	0.00%	0.0
13:1	0.05%	8.0
14:1 9c	0.09%	14.1
15:1	0.01%	2.3
16:1 7c	0.64%	105.8
16:1 9c + 16:1 9t	7.67%	1263.5
16:1 11c	0.19%	31.5
17:1 10c	0.42%	68.6
18:1 9c + 18:1 9t	25.34%	4194.2
18:1 11c	4.30%	711.2
18:1 13c	0.26%	43.5
20:1 9c	0.08%	12.8
20:1 11c (n-9)	1.49%	247.5
20:1 13c (n-7)	0.35%	57.9
22:1 13c	0.22%	36.6
24:1 isomers	0.47%	79.3
Total MUFA	41.57%	6876.6
16:2 (n-6) + anteiso 17:0	0.48%	78.4
16:2 (n-4)	0.23%	37.4
16:3 (n-4)	0.11%	18.1
16:3 (n-3)	0.04%	7.1

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:4 (n-3)	0.04%	6.9
16:4 (n-1)	0.05%	9.0
18:2 5c,11c (n-7)	0.06%	10.6
18:2 8c,11c (n-7)	0.04%	6.1
18:2 9c,12c (n-6)	4.10%	677.7
18:2 11c,14c (n-4)	0.16%	27.2
18:3 6c 9c 12c (gamma)	0.26%	42.2
18:3 8c,11c,14c (n-4)	0.21%	34.6
18:3 9c,12c,15c (n-3)	2.69%	445.1
18:4 6c,9c,12c,15c (n-3)	1.02%	168.5
18:4 8c,11c,14c,17c (n-1)	0.07%	11.0
18:5 3c,6c,9c,12c,15c (n-3)	0.17%	28.1
20:2 11c,14c (n-6)	1.04%	173.3
20:3 8c,11c,14c (n-6)	0.37%	61.2
20:4 5c,8c,11c,14c (n-6)	2.96%	491.1
20:3 11c,14c,17c (n-3)	0.92%	152.3
20:4 8c,11c,14c,17c (n-3)	2.25%	373.7
20:5 5c,8c,11c,14c,17c (n-3)	4.26%	707.9
22:2 13c,16c (n-6)	0.23%	38.7
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	33.8
22:4 7c,10c,13c,16c (n-6)	0.85%	140.5
22:3 13c,16c,19c (n-3)	0.31%	51.9
22:5 4c,7c,10c,13c,16c (n-6)	2.06%	342.8
22:5 7c,10c,13c,16c,19c (n-3)	3.04%	506.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.02%	1503.5
Total PUFA	37.23%	6185.4
18:3 9c,12c,15c (n-3)	2.69%	444.9
18:4 6c,9c,12c,15c (n-3)	1.02%	168.5
18:5 3c,6c,9c,12c,15c (n-3)	0.17%	28.1
20:3 11c,14c,17c (n-3)	0.92%	152.4
20:4 8c,11c,14c,17c (n-3)	2.25%	373.7
20:5 5c,8c,11c,14c,17c (n-3)	4.26%	707.9
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	33.7
22:3 13c,16c,19c (n-3)	0.31%	51.7
22:5 7c,10c,13c,16c,19c (n-3)	3.04%	506.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.02%	1503.0
Total Omega 3	23.88%	3970.6
18:2 9c,12c (n-6)	4.10%	677.7
18:3 6c 9c 12c (gamma)	2.69%	444.9
20:2 11c,14c (n-6)	1.04%	173.3
20:3 8c,11c,14c (n-6)	0.37%	61.2
20:4 5c,8c,11c,14c (n-6)	2.96%	491.0
22:2 13c,16c (n-6)	0.23%	38.7
22:4 7c,10c,13c,16c (n-6)	0.85%	141.1
22:5 4c,7c,10c,13c,16c (n-6)	2.06%	342.7
Total Omega 6	14.29%	2370.5
Total Fat (Sum of Fatty Acids)	100.00%	16552.5

Lab ID : 7233
 Client ID : 2009309-S08
 Lake : Michigan
 Species : Lake Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	21.7%	2146.1
Total MUFA	53.4%	5309.4
Total PUFA	24.9%	2484.7
Total Omega 3	13.8%	1374.8
Total Omega 6	10.2%	1013.7
Total Fat (Sum of Fatty Acids)	100.0%	9940.2
10:0	0.09%	9.1
12:0	0.04%	4.3
13:0	0.02%	1.7
Anteiso 14:0	0.00%	0.0
14:0	2.00%	196.4
Iso 15:0	0.23%	23.1
Anteiso 15:0	0.09%	9.1
15:0	0.23%	22.9
Iso 16:0	0.23%	22.5
Anteiso 16:0	0.03%	2.7
16:0	14.46%	1431.1
Iso 17:0	0.11%	11.1
17:0	0.22%	22.0
Iso 18:0	0.03%	3.0
18:0	3.56%	353.7
20:0	0.12%	12.5
22:0	0.09%	9.1
23:0	0.12%	11.8
Total SFA	21.68%	2146.1
12:1	0.00%	0.0
13:1	0.04%	3.8
14:1 9c	0.13%	12.6
15:1	0.02%	1.6
16:1 7c	0.55%	54.5
16:1 9c + 16:1 9t	11.50%	1137.5
16:1 11c	0.27%	26.9
17:1 10c	0.38%	38.0
18:1 9c + 18:1 9t	32.40%	3222.2
18:1 11c	5.26%	523.2
18:1 13c	0.43%	43.1
20:1 9c	0.30%	30.0
20:1 11c (n-9)	1.27%	126.9
20:1 13c (n-7)	0.39%	39.4
22:1 13c	0.17%	16.7
24:1 isomers	0.33%	32.7
Total MUFA	53.44%	5309.4
16:2 (n-6) + anteiso 17:0	0.82%	81.3
16:2 (n-4)	0.15%	14.9
16:3 (n-4)	0.10%	9.8
16:3 (n-3)	0.08%	7.6

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:4 (n-3)	0.03%	3.5
16:4 (n-1)	0.06%	5.8
18:2 5c,11c (n-7)	0.21%	21.3
18:2 8c,11c (n-7)	0.08%	7.8
18:2 9c,12c (n-6)	2.39%	237.9
18:2 11c,14c (n-4)	0.22%	22.3
18:3 6c 9c 12c (gamma)	0.17%	17.4
18:3 8c,11c,14c (n-4)	0.18%	17.8
18:3 9c,12c,15c (n-3)	1.14%	113.3
18:4 6c,9c,12c,15c (n-3)	0.06%	5.9
18:4 8c,11c,14c,17c (n-1)	0.00%	0.0
18:5 3c,6c,9c,12c,15c (n-3)	0.17%	17.1
20:2 11c,14c (n-6)	0.37%	37.3
20:3 8c,11c,14c (n-6)	0.22%	21.8
20:4 5c,8c,11c,14c (n-6)	3.04%	303.7
20:3 11c,14c,17c (n-3)	0.26%	25.5
20:4 8c,11c,14c,17c (n-3)	0.53%	53.0
20:5 5c,8c,11c,14c,17c (n-3)	2.68%	267.4
22:2 13c,16c (n-6)	0.07%	7.3
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	12.7
22:4 7c,10c,13c,16c (n-6)	1.01%	101.0
22:3 13c,16c,19c (n-3)	0.05%	5.1
22:5 4c,7c,10c,13c,16c (n-6)	1.91%	191.1
22:5 7c,10c,13c,16c,19c (n-3)	2.67%	267.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.07%	608.0
Total PUFA	24.89%	2484.7
18:3 9c,12c,15c (n-3)	1.14%	113.3
18:4 6c,9c,12c,15c (n-3)	0.06%	5.9
18:5 3c,6c,9c,12c,15c (n-3)	0.17%	17.1
20:3 11c,14c,17c (n-3)	0.26%	25.5
20:4 8c,11c,14c,17c (n-3)	0.53%	53.0
20:5 5c,8c,11c,14c,17c (n-3)	2.68%	267.4
21:5 6c,9c,12c,15c,18c (n-3)	0.13%	12.7
22:3 13c,16c,19c (n-3)	0.05%	5.1
22:5 7c,10c,13c,16c,19c (n-3)	2.67%	267.0
22:6 4c,7c,10c,13c,16c,19c (n-3)	6.07%	607.8
Total Omega 3	13.75%	1374.8
18:2 9c,12c (n-6)	2.39%	237.9
18:3 6c 9c 12c (gamma)	1.14%	113.3
20:2 11c,14c (n-6)	0.37%	37.3
20:3 8c,11c,14c (n-6)	0.22%	21.8
20:4 5c,8c,11c,14c (n-6)	3.04%	303.6
22:2 13c,16c (n-6)	0.07%	7.3
22:4 7c,10c,13c,16c (n-6)	1.01%	101.4
22:5 4c,7c,10c,13c,16c (n-6)	1.91%	191.1
Total Omega 6	10.16%	1013.7
Total Fat (Sum of Fatty Acids)	100.00%	9940.2

Lab ID : 7234
 Client ID : 2009309-S09
 Lake : Michigan
 Species : Lake Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.5%	3010.2
Total MUFA	41.6%	5603.1
Total PUFA	35.9%	4853.0
Total Omega 3	22.8%	3084.2
Total Omega 6	14.2%	1921.7
Total Fat (Sum of Fatty Acids)	100.0%	13466.3
10:0	0.09%	11.9
12:0	0.05%	6.5
13:0	0.02%	2.9
Anteiso 14:0	0.00%	0.0
14:0	3.58%	477.3
Iso 15:0	0.36%	47.7
Anteiso 15:0	0.16%	21.5
15:0	0.31%	41.7
Iso 16:0	0.19%	25.0
Anteiso 16:0	0.02%	2.7
16:0	14.48%	1940.8
Iso 17:0	0.11%	14.2
17:0	0.34%	45.4
Iso 18:0	0.04%	5.6
18:0	2.45%	330.7
20:0	0.13%	17.1
22:0	0.08%	10.2
23:0	0.07%	9.1
Total SFA	22.47%	3010.2
12:1	0.00%	0.0
13:1	0.05%	7.0
14:1 9c	0.12%	15.5
15:1	0.01%	1.5
16:1 7c	0.76%	101.3
16:1 9c + 16:1 9t	7.42%	993.8
16:1 11c	0.25%	33.4
17:1 10c	0.44%	59.1
18:1 9c + 18:1 9t	25.05%	3373.4
18:1 11c	4.16%	560.3
18:1 13c	0.29%	38.6
20:1 9c	0.09%	12.4
20:1 11c (n-9)	1.81%	245.5
20:1 13c (n-7)	0.35%	48.0
22:1 13c	0.27%	37.3
24:1 isomers	0.56%	76.1
Total MUFA	41.63%	5603.1
16:2 (n-6) + anteiso 17:0	0.53%	71.4
16:2 (n-4)	0.21%	28.1
16:3 (n-4)	0.08%	11.2
16:3 (n-3)	0.03%	4.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:4 (n-3)	0.05%	6.4
16:4 (n-1)	0.05%	6.4
18:2 5c,11c (n-7)	0.10%	13.1
18:2 8c,11c (n-7)	0.03%	3.5
18:2 9c,12c (n-6)	3.74%	503.8
18:2 11c,14c (n-4)	0.13%	17.2
18:3 6c 9c 12c (gamma)	0.17%	22.5
18:3 8c,11c,14c (n-4)	0.15%	20.4
18:3 9c,12c,15c (n-3)	2.68%	361.2
18:4 6c,9c,12c,15c (n-3)	0.88%	118.4
18:4 8c,11c,14c,17c (n-1)	0.03%	3.7
18:5 3c,6c,9c,12c,15c (n-3)	0.31%	41.7
20:2 11c,14c (n-6)	1.03%	139.5
20:3 8c,11c,14c (n-6)	0.35%	47.4
20:4 5c,8c,11c,14c (n-6)	3.13%	423.6
20:3 11c,14c,17c (n-3)	0.96%	129.5
20:4 8c,11c,14c,17c (n-3)	2.01%	272.2
20:5 5c,8c,11c,14c,17c (n-3)	4.44%	600.1
22:2 13c,16c (n-6)	0.22%	29.8
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	26.9
22:4 7c,10c,13c,16c (n-6)	0.86%	116.8
22:3 13c,16c,19c (n-3)	0.33%	45.3
22:5 4c,7c,10c,13c,16c (n-6)	2.21%	299.3
22:5 7c,10c,13c,16c,19c (n-3)	2.65%	359.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.33%	1130.3
Total PUFA	35.90%	4853.0
18:3 9c,12c,15c (n-3)	2.68%	361.1
18:4 6c,9c,12c,15c (n-3)	0.88%	118.4
18:5 3c,6c,9c,12c,15c (n-3)	0.31%	41.7
20:3 11c,14c,17c (n-3)	0.96%	129.5
20:4 8c,11c,14c,17c (n-3)	2.01%	272.2
20:5 5c,8c,11c,14c,17c (n-3)	4.44%	600.1
21:5 6c,9c,12c,15c,18c (n-3)	0.20%	26.8
22:3 13c,16c,19c (n-3)	0.33%	45.1
22:5 7c,10c,13c,16c,19c (n-3)	2.65%	359.4
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.33%	1129.9
Total Omega 3	22.80%	3084.2
18:2 9c,12c (n-6)	3.74%	503.8
18:3 6c 9c 12c (gamma)	2.68%	361.1
20:2 11c,14c (n-6)	1.03%	139.5
20:3 8c,11c,14c (n-6)	0.35%	47.4
20:4 5c,8c,11c,14c (n-6)	3.13%	423.6
22:2 13c,16c (n-6)	0.22%	29.8
22:4 7c,10c,13c,16c (n-6)	0.86%	117.3
22:5 4c,7c,10c,13c,16c (n-6)	2.21%	299.2
Total Omega 6	14.23%	1921.7
Total Fat (Sum of Fatty Acids)	100.00%	13466.3

Lab ID : 7235
 Client ID : 2009309-S10
 Lake : Michigan
 Species : Lake Trout

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
Total SFA	22.8%	3196.3
Total MUFA	42.4%	5978.4
Total PUFA	34.8%	4932.5
Total Omega 3	23.0%	3256.9
Total Omega 6	12.5%	1764.6
Total Fat (Sum of Fatty Acids)	100.0%	14107.2
10:0	0.11%	14.9
12:0	0.04%	5.7
13:0	0.02%	2.1
Anteiso 14:0	0.00%	0.0
14:0	2.67%	372.7
Iso 15:0	0.29%	39.9
Anteiso 15:0	0.11%	15.9
15:0	0.28%	39.1
Iso 16:0	0.02%	2.9
Anteiso 16:0	0.03%	3.7
16:0	15.10%	2120.7
Iso 17:0	0.08%	11.4
17:0	0.30%	42.7
Iso 18:0	0.04%	5.7
18:0	3.23%	455.4
20:0	0.11%	14.9
22:0	0.07%	10.4
23:0	0.27%	38.3
Total SFA	22.76%	3196.3
12:1	0.00%	0.0
13:1	0.04%	5.2
14:1 9c	0.10%	13.7
15:1	0.01%	1.9
16:1 7c	0.63%	88.0
16:1 9c + 16:1 9t	9.07%	1272.5
16:1 11c	0.25%	35.4
17:1 10c	0.39%	55.4
18:1 9c + 18:1 9t	24.71%	3486.9
18:1 11c	4.80%	677.8
18:1 13c	0.35%	49.8
20:1 9c	0.14%	20.3
20:1 11c (n-9)	1.19%	168.2
20:1 13c (n-7)	0.26%	36.9
22:1 13c	0.16%	22.4
24:1 isomers	0.31%	43.8
Total MUFA	42.41%	5978.4
16:2 (n-6) + anteiso 17:0	0.63%	88.5
16:2 (n-4)	0.20%	28.2
16:3 (n-4)	0.07%	9.9
16:3 (n-3)	0.05%	7.0

FA	g FA / 100 g fat (%)	mg FA / 100 g fish
16:4 (n-3)	0.05%	7.6
16:4 (n-1)	0.03%	4.4
18:2 5c,11c (n-7)	0.15%	20.9
18:2 8c,11c (n-7)	0.05%	7.1
18:2 9c,12c (n-6)	3.20%	451.4
18:2 11c,14c (n-4)	0.18%	25.9
18:3 6c 9c 12c (gamma)	0.26%	36.6
18:3 8c,11c,14c (n-4)	0.16%	22.4
18:3 9c,12c,15c (n-3)	2.51%	354.3
18:4 6c,9c,12c,15c (n-3)	1.17%	164.4
18:4 8c,11c,14c,17c (n-1)	0.04%	6.2
18:5 3c,6c,9c,12c,15c (n-3)	0.15%	21.7
20:2 11c,14c (n-6)	0.61%	85.8
20:3 8c,11c,14c (n-6)	0.28%	39.0
20:4 5c,8c,11c,14c (n-6)	3.09%	437.2
20:3 11c,14c,17c (n-3)	0.54%	77.1
20:4 8c,11c,14c,17c (n-3)	1.39%	197.3
20:5 5c,8c,11c,14c,17c (n-3)	4.42%	625.4
22:2 13c,16c (n-6)	0.12%	16.6
21:5 6c,9c,12c,15c,18c (n-3)	0.08%	10.9
22:4 7c,10c,13c,16c (n-6)	0.70%	99.5
22:3 13c,16c,19c (n-3)	0.15%	21.9
22:5 4c,7c,10c,13c,16c (n-6)	1.98%	280.7
22:5 7c,10c,13c,16c,19c (n-3)	2.62%	372.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.94%	1412.3
Total PUFA	34.83%	4932.5
18:3 9c,12c,15c (n-3)	2.51%	354.1
18:4 6c,9c,12c,15c (n-3)	1.17%	164.4
18:5 3c,6c,9c,12c,15c (n-3)	0.15%	21.7
20:3 11c,14c,17c (n-3)	0.54%	77.1
20:4 8c,11c,14c,17c (n-3)	1.39%	197.3
20:5 5c,8c,11c,14c,17c (n-3)	4.42%	625.4
21:5 6c,9c,12c,15c,18c (n-3)	0.08%	10.9
22:3 13c,16c,19c (n-3)	0.15%	21.9
22:5 7c,10c,13c,16c,19c (n-3)	2.62%	372.2
22:6 4c,7c,10c,13c,16c,19c (n-3)	9.94%	1411.9
Total Omega 3	22.98%	3256.9
18:2 9c,12c (n-6)	3.20%	451.4
18:3 6c 9c 12c (gamma)	2.51%	354.1
20:2 11c,14c (n-6)	0.61%	85.8
20:3 8c,11c,14c (n-6)	0.28%	39.0
20:4 5c,8c,11c,14c (n-6)	3.09%	437.1
22:2 13c,16c (n-6)	0.12%	16.6
22:4 7c,10c,13c,16c (n-6)	0.70%	99.9
22:5 4c,7c,10c,13c,16c (n-6)	1.98%	280.6
Total Omega 6	12.48%	1764.6
Total Fat (Sum of Fatty Acids)	100.00%	14107.2

Appendix 3: Standard Reference Material

Fatty Acid profile of Standard Reference Material, NIST-1946, Lake Superior Fish Tissue, Lake trout (Salvelinus namaycush namaycush)

For analytical method comparability purposes, the fatty acid profile of a Standard Reference Material is provided (NIST-1946). Certified values for selected fatty acids are indicated in the table and are expressed as the triglyceride (TG). Note that any values below the limit of quantitation have a high level of uncertainty.

The limit of quantitation is estimated at 100 mg fatty acid per 100 g sample.

Standard Reference Material, NIST-1946, Lake Superior Fish Tissue, Lake trout (*Salvelinus namaycush*
namaycush)

FA	g FA / 100 g fat (%)		mg TG / 100 g fish	mg FA / 100 g fish
Total SFA	22.7%		2107.8	2007.9
Total MUFA	44.9%		4174.5	3991.5
Total PUFA	32.4%		3015.3	2895.9
Total Omega 3	21.2%		1971.5	1894.7
Total Omega 6	11.9%		1103.4	1058.2
Total Fat (Sum of Fatty Acids)	100.0%	*	9297.6	8895.3
10:0	0.08%		7.4	6.9
12:0	0.06%		5.6	5.2
13:0	0.02%		2.2	2.1
Anteiso 14:0				
14:0	3.32%	*	308.2	292.0
Iso 15:0	0.31%		28.5	27.1
Anteiso 15:0	0.06%		5.2	5.0
15:0	0.28%		25.9	24.6
Iso 16:0	0.18%		17.1	16.3
Anteiso 16:0				
16:0	14.74%	*	1369.5	1305.0
Iso 17:0	0.22%		20.2	19.3
17:0	0.21%		19.1	18.2
Iso 18:0				
18:0	2.97%	*	275.8	264.0
20:0	0.13%		11.6	11.2
22:0	0.06%		5.9	5.7
23:0	0.06%		5.6	5.4
Total SFA	22.68%		2107.8	2007.9
12:1				
13:1	0.03%		2.7	2.5
14:1 9c	0.10%		9.7	9.2
15:1				
16:1 7c	0.59%		55.1	52.5
16:1 9c + 16:1 9t	9.00%	*	836.3	796.5
16:1 11c	0.16%		14.6	13.9
17:1 10c	0.29%		26.5	25.3
18:1 9c + 18:1 9t	27.93%	*	2597.2	2485.7
18:1 11c	4.81%		447.2	427.9
18:1 13c				
20:1 9c	0.08%		7.5	7.2
20:1 11c (n-9)	1.42%	*	131.7	126.5
20:1 13c (n-7)	0.44%		41.1	39.5
22:1 13c	0.05%		4.9	4.7
24:1 isomers				
Total MUFA	44.90%		4174.5	3991.5
16:2 (n-6) + anteiso 17:0	0.43%		40.0	38.1
16:2 (n-4)	0.04%		4.2	4.0
16:3 (n-4)	0.10%		9.7	9.3
16:3 (n-3)	0.17%		16.2	15.4
16:4 (n-3)				
16:4 (n-1)				
18:2 5c,11c (n-7)				
18:2 8c,11c (n-7)				

FA	g FA / 100 g fat (%)		mg TG / 100 g fish	mg FA / 100 g fish
18:2 9c,12c (n-6)	3.81%	*	354.1	338.8
18:2 11c,14c (n-4)	0.20%		18.7	17.9
18:3 6c 9c 12c (gamma)	0.19%		17.4	16.6
18:3 8c,11c,14c (n-4)	0.26%		24.4	23.3
18:3 9c,12c,15c (n-3)	2.08%	*	193.2	184.9
18:4 6c,9c,12c,15c (n-3)	0.86%		80.2	76.6
18:4 8c,11c,14c,17c (n-1)	0.03%		3.1	3.0
18:5 3c,6c,9c,12c,15c (n-3)				
20:2 11c,14c (n-6)	0.96%	*	89.4	85.8
20:3 8c,11c,14c (n-6)	0.37%		34.4	33.0
20:4 5c,8c,11c,14c (n-6)	2.18%	*	202.7	194.7
20:3 11c,14c,17c (n-3)	0.92%	*	85.1	81.7
20:4 8c,11c,14c,17c (n-3)	2.44%		227.1	218.0
20:5 5c,8c,11c,14c,17c (n-3)	2.90%	*	269.7	258.8
22:2 13c,16c (n-6)	0.30%		27.6	26.6
21:5 6c,9c,12c,15c,18c (n-3)	0.16%		15.2	14.7
22:4 7c,10c,13c,16c (n-6)	0.74%		68.7	66.0
22:3 13c,16c,19c (n-3)	0.41%		38.5	37.1
22:5 4c,7c,10c,13c,16c (n-6)	1.43%		133.3	128.4
22:5 7c,10c,13c,16c,19c (n-3)	3.00%	*	278.9	268.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.42%	*	783.6	754.7
Total PUFA	32.42%		3015.3	2895.9
18:3 9c,12c,15c (n-3)	2.08%	*	193.2	184.8
18:4 6c,9c,12c,15c (n-3)	0.86%		80.2	76.6
18:5 3c,6c,9c,12c,15c (n-3)				
20:3 11c,14c,17c (n-3)	0.92%	*	85.1	81.7
20:4 8c,11c,14c,17c (n-3)	2.44%		227.1	218.0
20:5 5c,8c,11c,14c,17c (n-3)	2.90%	*	269.7	258.8
21:5 6c,9c,12c,15c,18c (n-3)	0.16%		15.2	14.6
22:3 13c,16c,19c (n-3)	0.41%		38.5	37.0
22:5 7c,10c,13c,16c,19c (n-3)	3.00%	*	278.9	268.6
22:6 4c,7c,10c,13c,16c,19c (n-3)	8.42%	*	783.6	754.4
Total Omega 3	21.19%		1971.5	1894.7
18:2 9c,12c (n-6)	3.81%	*	354.1	338.8
18:3 6c 9c 12c (gamma)	2.08%	*	193.2	184.8
20:2 11c,14c (n-6)	0.96%	*	89.4	85.8
20:3 8c,11c,14c (n-6)	0.37%		34.4	33.0
20:4 5c,8c,11c,14c (n-6)	2.18%	*	202.7	194.6
22:2 13c,16c (n-6)	0.30%		27.6	26.6
22:4 7c,10c,13c,16c (n-6)	0.74%		68.8	66.2
22:5 4c,7c,10c,13c,16c (n-6)	1.43%		133.3	128.4
Total Omega 6	11.86%		1103.4	1058.2
Total Fat (Sum of Fatty Acids)	100.00%	*	9297.6	8895.3

* Certified values for selected fatty acids expressed as triglyceride (TG)

Appendix 4: Sample Details

Sample Details: Ontario Ministry of Natural Resources and Health Canada

Lake Trout and Whitefish were sampled from the commercial fishing industry by the Ontario Ministry of Natural Resources (OMNR). Samples were generously provided by OMNR as part of a larger collaborative study on contaminants in Great Lakes fish, with Health Canada and OMNR as partners. Details follow.

Lake Erie Whitefish

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)	Fillet Thickness (mm)
3966	LE-01-4646	1										625	579	2755	M	31					565	185	105	51
	LE-01-4632	1										608	552	2221	M	30					378	225	100	39
	LE-01-4625	1										605	547	2279	F	30					340	198	85	45
	LE-01-4631	1										586	528	1900	F	30					285	175	95	46
	LE-01-4626	1										577	521	1789	F	30					234	194	85	34
3967	LE-02-4657	2										575	527	1851	M	31					416	165	107	44
	LE-02-4622	2										570	518	1694	F	30					303	255	87	34
	LE-02-4634	2										564	502	1754	F	30					184	132	82	42
	LE-02-4638	2										559	501	1974	F	30					213	155	74	43
	LE-02-4649	2										558	502	1651	F	31					290	185	70	47
3968	LE-03-4627	3										552	497	1548	F	30					228	182	80	42
	LE-03-4623	3										549	496	1359	F	30					178	150	70	39
	LE-03-4628	3										549	500	1571	F	30					261	220	80	30
	LE-03-4637	3										542	477	1668	F	30					223	185	85	42
	LE-03-4640	3										540	490	1743	F	30					226	160	85	49
3969	LE-04-4658	4										534	486	1433	M	31					311	155	80	45

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)	Fillet Thickness (mm)
	LE-04-4648	4										533	482	1396	F	31					253	155	64	47
	LE-04-4639	4										532	476	1381	F	30					200	155	88	43
	LE-04-4660	4										527	476	1199	M	31					278	165	93	38
	LE-04-4621	4										524	475	1264	F	30					234	127	98	39
3970	LE-05-4633	5										524	473	1471	F	30					284	270	65	38
	LE-05-4630	5										523	472	1356	M	30					292	225	97	32
	LE-05-4635	5										516	470	1293	F	30					174	105	102	39
	LE-05-4647	5										516	472	1230	M	31					300	180	86	43
	LE-05-4641	5										513	462	1181	M	31					246	174	60	43
3972	LE-07-4659	7										504	457	1268	M	31					286	155	105	41
	LE-07-4650	7										502	455	1220	M	31					282	162	80	50
	LE-07-4653	7										498	452	1211	M	31					290	175	100	45
	LE-07-4379	7										448	403	851	M	11					171	150	70	35
	LE-07-4349	7										447	403	835	M	13					185	148	77	40
3973	LE-08-4378	8										446	405	821	M	11					181	165	75	37
	LE-08-4356	8										446	400	742	M	13					148	140	75	34
	LE-08-4828	8										446	398	880	M	19					177	143	75	37
	LE-08-4355	8										445	402	844	M	13					175	135	78	36
	LE-08-4655	8										444	400	925	M	31					224	155	100	37
3974	LE-09-4364	9										443	399	788	M	11					176	150	75	39
	LE-09-4376	9										439	394	690	M	11					152	160	65	41
	LE-09-4770	9										439	399	801	M	26					171	150	80	40
	LE-09-4774	9										439	394	858	F	26					152	155	70	35
	LE-09-4773	9										438	395	884	F	26					140	155	75	43

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)	Fillet Thickness (mm)
3975	LE-10-4365	10										437	395	835	M	11					186	160	80	50
	LE-10-4765	10										437	396	781	M	26					169	155	67	36
	LE-10-4642	10										435	392	733	M	31					170	140	70	45
	LE-10-4362	10										435	390	803	M	11					185	152	66	42
	LE-10-4363	10										435	390	748	M	11					172	146	75	40
3976	LE-11-4643	11										433	393	727	M	31					172	135	80	36
	LE-11-4651	11										431	390	862	F	31					140	150	70	42
	LE-11-4666	11										415	375	613	M	31					151	135	90	40
	LE-11-4645	11										412	371	596	M	31					145	140	72	44
	LE-11-4644	11										395	360	542	M	31					112	127	67	37

Lake Superior Whitefish

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)	Fillet Thickness (mm)
4795	5463	1								1		500	548	548	M	741					266	146	48	42
	5464	1								1		515	570	1541	M	741					273	154	55	45
	5465	1								1		493	552	1318	M	741					268	163	43	41
	5466	1								1		504	557	1556	F	741					461	169	58	51
	5467	1								1		497	548	1465	F	741					271	154	45	44
4796	5468	2								1		472	523	1225	M	741					279	149	48	47
	5469	2								1		484	538	1281	F	741					207	145	40	37
	5470	2								1		473	522	1260	M	741					306	149	49	46
	5471	2								1		527	585	1732	M	741					376	152	48	40
	5472	2								1		508	560	1672	F	741					285	148	60	52
4797	5473	3								1		469	521	1256	F	741					346	156	50	42
	5474	3								1		555	606	1703	M	741					364	177	43	41
	5475	3								1		460	513	1271	M	741					307	139	51	45
	5476	3								1		495	542	1492	M	741					298	161	50	48
	5477	3								1		521	576	1567	M	741					359	156	51	43
4798	1495	4								2		465	523	1200	M	938		*			89	187	36	20
	1496	4								2		455	507	1165	M	938		*			94	162	40	20
	1497	4								2		468	515	1280	M	938		*			152	191	47	24
	1498	4								2		480	531	1405	F	938		*			148	211	41	23
	1499	4								2		484	539	1320	M	938		*			119	194	38	23
4799	8029	5								2		530	592	1675	F	938					282	152	56	46
	8030	5								2		553	603	1854	M	938					234	138	54	42
	8031	5								2		490	540	1449	F	938					319	161	55	48
	8032	5								2		500	553	1489	M	938					321	152	59	56
	8033	5								2		558	612	1974	F	938					309	164	63	43

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)	Fillet Thickness (mm)
4800	5537	6								7		480	538	1452	M	645					313	143	48	42
	5538	6								7		478	519	1497	F	645					326	160	50	49
	5539	6								7		457	505	1486	F	645					299	141	52	52
	5540	6								7		476	525	1265	F	645					197	165	40	33
	5541	6								7		494	547	1571	F	645					322	156	53	53
4801	5542	7								7		483	535	1575	F	645					359	153	52	50
	5543	7								7		487	540	1455	M	645					347	143	61	59
	5544	7								7		455	498	1358	F	645					303	154	50	45
	5545	7								7		460	502	1421	F	645					342	145	51	50
	5546	7								7		473	524	1356	F	645					248	157	41	38
4802	5547	8								7		515	568	1753	M	645					364	147	50	46
	5548	8								7		490	545	1577	F	645					387	151	58	51
	5549	8								7		491	541	1570	F	645					330	138	55	53
	5550	8								7		519	574	1701	F	645					357	160	50	50
	5551	8								7		493	542	1634	F	645					366	152	62	43
4803	5552	9								7		594	649	2648	F	645					487	161	55	54
	5553	9								7		504	555	1962	F	645					398	139	57	52
	5554	9								7		498	541	1672	M	645					396	134	55	54
	5555	9								7		515	569	1715	F	645					361	155	49	46
	5556	9								7		516	567	2014	F	645					389	147	55	52
4804	6292	10								9		533	593	1938	M	648					474	147	53	50
	6293	10								9		477	534	1300	M	648					364	158	57	57
	6294	10								9		506	562	1484	M	648					478	185	54	33
	6295	10								9		510	562	1746	M	648					360	153	60	56
	6296	10								9		540	598	1937	M	648					452	157	51	45

* Undersized sample

Lake Superior Trout

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)	Fillet Thickness (mm)
4805	5458	1								1		637	687	2858	F	741					387	163	52	49
	5459	1								1		498	545	1504	M	741					283	143	56	47
	5460	1								1		496	545	1259	M	741					242	154	50	40
	5461	1								1		462	505	1177	F	741					246	139	48	45
	5462	1								1		468	512	1146	M	741					260	137	53	51
4806	1453	2								2		469	514	1425	M	938		*			72	134	38	23
	1454	2								2		493	537	1620	F	938		*			96	145	40	25
	1455	2								2		488	527	1640	M	938		*			89	143	37	22
	1456	2								2		470	517	1635	M	938		*			96	149	45	24
	1457	2								2		500	548	1745	M	938		*			84	140	43	22
4807	8034	3								2		530	576	1592	F	938					433	148	70	61
	8035	3								2		551	602	1873	F	938					224	140	50	44
	8036	3								2		535	583	1563	M	938					419	165	62	56
	8037	3								2		550	602	1912	F	938					288	153	55	50
	8038	3								2		602	660	2832	M	938					433	141	73	54
4808	6210	4								9		630	693	2254	F	648					428	180	51	55
	6211	4								9		578	636	2361	F	648					420	164	56	46
	6212	4								9		682	735	3597	F	648					671	158	73	55
	6213	4								9		643	700	2797	F	648					391	161	61	52
	6214	4								9		654	709	3361	M	648					480	164	71	68
4809	5930	5								18		525	584	1700	F	464					331	289	69	25
	5931	5								18		500	556	1550	F	464					257	253	64	22
	5932	5								18		602	673	4000	M	464					385	283	78	22
	5933	5								18		597	664	2300	F	464					353	297	73	24
	5934	5								18		585	645	2600	M	464					372	303	77	27

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)	Fillet Thickness (mm)
4810	5935	6								18		620	676	2800	M	459					463	319	96	30
	5936	6								18		705	774	4600	M	459					661	382	95	32
	5937	6								18		610	671	2500	M	459					482	368	86	31
	5938	6								18		690	757	5500	F	459					1043	400	87	44
	5939	6								18		598	657	2300	M	459					391	314	70	24
	5940	6								18		556	610	2100	F	459					400	315	75	34
5263			748	99004			LT 1	64	8/7/07	11	459-31	577	517	1725						A	385	299	103	17
			747	99004			LT 2	51	8/7/07	11	459-31	587	531	1875						A	368	313	107	23
			746	99004			LT 3	114	8/7/07	11	459-31	582	520	1825						A	326	309	104	10
			743	99004			LT 4	102	8/7/07	11	459-31	588	538	1875						A	398	348	115	20
5264			744	99004			LT 5	102	8/7/07	11	459-31	650	590	2500						A	486	343	108	13
			745	99004			LT 6	102	8/7/07	11	459-31	746	679	4500						A	774	367	124	25
			749	99004			LT 7	89	8/7/07	11	459-31	612	552	2300						A	430	354	105	12

* Undersized sample

Lake Huron Whitefish

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)	Fillet Thickness (mm)
4815					04-01	91	4					530	478	1563	F		L		7					
					04-01	91	5					557	500	1591	M		L		7					
					04-01	91	6					546	482	1640	F		L		7					
					04-01	91	7					542	488	1562	M		L		7(8)					
					04-01	91	8					533	477	1454	M		L		7(8)					
4821					04-02	91	1					547	500	1914	F		J		15					
					04-02	91	2					554	501	1879	F		J		15					
					04-02	91	3					563	522	1832	F		J		15					
					04-02	91	4					586	531	1831	M		J		15					
					04-02	91	5					581	521	1813	M		J		15					
					04-02	91	7					560	495	1801	F		J		15(16)					
4834					04-04	91	9					635	572	2336			J		29					
					04-04	91	12					595	547	2256			J		29					
					04-04	91	13					602	545	2388			J		29					
					04-04	91	14					611	550	1894	F		J		29					
					04-04	91	15					593	563	2015			J		29					
4835					04-04	91	16					616	558	2208			J		30					
					04-04	91	17					623	559	2363			J		30					
					04-04	91	18					613	557	2247			J		30					
					04-04	91	19					619	555	2360			J		30					
					04-04	91	20					588	532	2333	F		J		30					
4852					04-07	91	8					693	623	2996			J		47					
					04-07	91	9					634	566	1916			J		47					
					04-07	91	10					615	561	2165			J		47					
					04-07	91	11					632	570				J		47					

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)	Fillet Thickness (mm)
4856					5-01	91	1					670	606	3819	M		J		51					
					5-01	91	2					650	580	2970	M		J		51					
					5-01	91	3					698	636	3537	M		J		51					
					5-01	91	4					626	565	2778	F		J		51					
					5-01	91	5					652	587	2691	M		J		51					
4866					06-01	91	1					472	426	1132	M		M		62					
					06-01	91	2					436	395	986	M		M		62					
					06-01	91	3					488	437	1156	F		M		62					
					06-01	91	4					450	403	1101	F		M		62					
					06-01	91	5					434	391	905	M		M		62					
4868					06-01	91	40					511	462	1325			L		65	5				
					06-01	91	41					562	509	1475			L		65	7				
					06-01	91	43					545	492	1450			L		65	6				
					06-01	91	45					555	502	1650			L		65	6				
					06-01	91	48					557	495	1450			L		65	6				
					06-01	91	49					557	504	1625			L		65	6				
					06-01	91	50					525	467	1350			L		65(66)	6				
4869					06-01	91	26					590	527	2000			J		66	6				
					06-01	91	27					620	560	2500			J		66	6				
					06-01	91	28					608	547	2100			J		66	5				
4870					06-01	91	29					624	567	2400			J		67	5				
					06-01	91	30					655	546	2450			J		67	7				
					06-01	91	31					657	597	2525			J		67					
					06-01	91	32					688	628	2950			J		67	11				
					06-01	91	33					625	567	2250			J		67	7				

Lake Huron Whitefish ; S (small): < 680 g; M (medium) : 680 - 1350 g; L (large) : 1350 - 1800 g; J (jumbo): >1800 g

Lake Huron Trout

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)
4814					04-01	81	6					675	621	2862	F		L		6				
					04-01	81	7					651	607	3452	F		L		6				
					04-01	81	8					646	607	2661	F		M		6(5)				
					04-01	81	9					656	605	2800	F		L		6				
					04-01	81	10					657	608	2809	M		L		6				
4823					04-03	81	4					627	580	2701	M		M		18				
					04-03	81	6					618	571	2676	M		M		18				
					04-03	81	7					552	503	2185	F		M		18				
					04-03	81	8					592	545	2199	F		M		18				
4824					04-03	81	1					642	600	2893	F		L		19				
					04-03	81	2					654	612	3283	F		L		19				
					04-03	81	5					665	616	3017	F		L		19				
4828					04-04	81	2					692	640	2361			M		23				
					04-04	81	5					597	545	2267			M		23				
					04-04	81	8					623	584	2621			M		23				
					04-04	81	13					643	590	2659			M		23				
4829					04-04	81	1					658	607	2758			L		24				
					04-04	81	3					671	625	3095			L		24				
					04-04	81	4					707	650	2830			L		24				
					04-04	81	9					685	633	2931			L		24				
4830					04-04	81	10					675	622	2831			L		25				
					04-04	81	11					652	606	2826			L		25				
					04-04	81	12					659	600	3160			L		25				
					04-04	81	14					663	608	2792			L		25				
					04-04	81	15					629	581	2787			L		25				

Composite ID#	Individual Fish ID #	Group #	MNR #	Sample	QMA	Species	Fish #	Mesh	Date	Zone	Location	Total Length (mm)	Fork Length (mm)	Round Weight (g)	Sex	Grid #	Group	Comment	Sample Bag (Original Bag)	Age	Fillet Weight (mm)	Fillet Length (mm)	Fillet Width (mm)
4837					04-05	81	1					683	627	2412	F		M		32	6			
					04-05	81	4					607	565	1837	M		M		32	6			
					04-05	81	5					647	602	2614	M		M		32	8			
					04-05	81	8					656	600	2384	M		M		32	6			
					04-05	81	9					639	587	2114	M		M		32	6			
4848					04-07	81	2					715	654	3604			L		43				
					04-07	81	3					771	708	3680			J		43(44)				
					04-07	81	4					743	696	3383			L		43				
					04-07	81	6					630	578				L		43				
4859					05-07	81	1					727	670	3790	F		J		54	7			
					05-07	81	3					783	717	4700	M		J		54				
					05-07	81	5					794	733	4763	F		J		54				
					05-07	81	6					758	694	4840	F		J		54				
					05-07	81	10					735	676	4469	M		J		54(55)				
4864					06-01	81	1					707	654	3050			L		59	7			
					06-01	81	2					705	654	3400			L		59	6			
					06-01	81	4					727	677	3500			L		59	6			
					06-01	81	6					647	601	3157			L		59				
					06-01	81	7					631	582	2996	F		L		59				
					06-01	81	8					656	607	2922	M		L		59(60)				
					06-01	81	11					652	605	3241			L		59(60)				

Lake Huron Trout: S (small): 907 - 1814 g; M (medium): 1814 - 2722 g; L (large): 2722 - 3629 g; J (jumbo): > 3629 g

Sample Details: Ministry of the Environment

Samples were generously donated by the Ministry of the Environment.

Lab ID	WATERBODY_CODE	LOCNAME	SUBMISSION_NO	SAMPLE_PORTION_NO	LIMS_SAMPLE_NO	SPECIES_CODE	SPECNAME	Sample Year	LENGTH	WEIGHT	SEX	PORTION_TYPE_CODE
6996	43507840	Lake Ontario 6 Northwestern	C158649	000X2212	C158649-0002	081	Lake Trout	2008	65.2	4079	F	SBF
6986	43507840	Lake Ontario 6 Northwestern	C158649	000X2213	C158649-0003	081	Lake Trout	2008	75.1	4254	M	SBF
6997	43507840	Lake Ontario 6 Northwestern	C158649	000X2217	C158649-0007	081	Lake Trout	2008	71.6	3981	M	SBF
6998	43507840	Lake Ontario 6 Northwestern	C158649	000X2220	C158649-0010	081	Lake Trout	2008	59.9	2326	M	SBF
6999	43507840	Lake Ontario 6 Northwestern	C158649	000X2221	C158649-0011	081	Lake Trout	2008	65.7	4058	F	SBF
7000	43507840	Lake Ontario 6 Northwestern	C158649	000X2222	C158649-0012	081	Lake Trout	2008	67	3390	F	SBF
6987	43507840	Lake Ontario 6 Northwestern	C158649	000X2223	C158649-0013	081	Lake Trout	2008	77.3	4800	F	SBF
6988	43507840	Lake Ontario 6 Northwestern	C158649	000X2224	C158649-0014	081	Lake Trout	2008	59.2	2498	M	SBF
6989	43507840	Lake Ontario 6 Northwestern	C158649	000X2225	C158649-0015	081	Lake Trout	2008	73.9	3793	M	SBF
6990	43507840	Lake Ontario 6 Northwestern	C158649	000X2227	C158649-0017	081	Lake Trout	2008	60.4	2305	F	SBF
7001	42298000	Lake Erie 4	C158569	0000X292	C158569-0044	081	Lake Trout	2007	67.5	3093	M	SBF
6991	42298000	Lake Erie 4	C158569	0000X293	C158569-0045	081	Lake Trout	2007	71.3	4365	F	SBF
6992	42298000	Lake Erie 4	C158569	0000X294	C158569-0046	081	Lake Trout	2007	69.5	4001	M	SBF
6993	42298000	Lake Erie 4	C158569	0000X296	C158569-0048	081	Lake Trout	2007	48.1	1328	M	SBF
7002	42298000	Lake Erie 4	C158569	0000X297	C158569-0049	081	Lake Trout	2007	55.7	1740	M	SBF
6994	42298000	Lake Erie 4	C158569	0000X300	C158569-0052	081	Lake Trout	2007	72.2	4698	F	SBF
7003	42298000	Lake Erie 4	C158569	0000X301	C158569-0053	081	Lake Trout	2007	59.4	2442	F	SBF
6995	42298000	Lake Erie 4	C158569	0000X302	C158569-0054	081	Lake Trout	2007	43.8	1158	F	SBF
7004	42298000	Lake Erie 4	C158569	0000X307	C158569-0059	081	Lake Trout	2007	63.8	3503	M	SBF
7005	42298000	Lake Erie 4	C158569	0000X309	C158569-0061	081	Lake Trout	2007	74.4	5713	F	SBF

Sample Details: Michigan Department of Natural Resources and Environment

Samples were generously donated by the Michigan Department of Natural Resources and Environment

Lab ID	Waterbody Name	Location	Lat	Long	VisitID	SampleID	Collection Date	Species	Sex	Length (cm)	Weight (g)	Comment
7226	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S01	29-Oct-09	Lake Trout		49	1150	Cresswell, RPLV clip
7227	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S02	29-Oct-09	Lake Trout	M	55	1400	Old Mission P., LV clip
7228	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S03	29-Oct-09	Lake Trout	M	62.7	2100	Old Mission P., RP clip
7229	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S04	29-Oct-09	Lake Trout	M	64.4	2400	Old Mission P., RP clip
7230	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S05	29-Oct-09	Lake Trout	F	72.3	3850	Old Mission P., RV clip
7231	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S06	29-Oct-09	Lake Trout	M	73.3	3950	Old Mission P., RP, LV clip
7232	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S07	29-Oct-09	Lake Trout	M	76	4100	LEE Point, RV clip
7233	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S08	29-Oct-09	Lake Trout	M	69.6	3050	Old Mission P., RP, LV clips
7234	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S09	29-Oct-09	Lake Trout	M	72.2	3750	Lee Point, LV clip
7235	Lake Michigan	Grand Traverse Bay	44.99854	-85.44506	2009309	2009309-S10	29-Oct-09	Lake Trout	F	62.8	2300	Suttons Bay, LP, RV clip