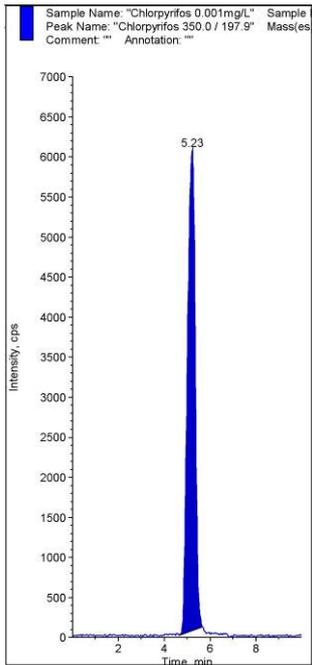
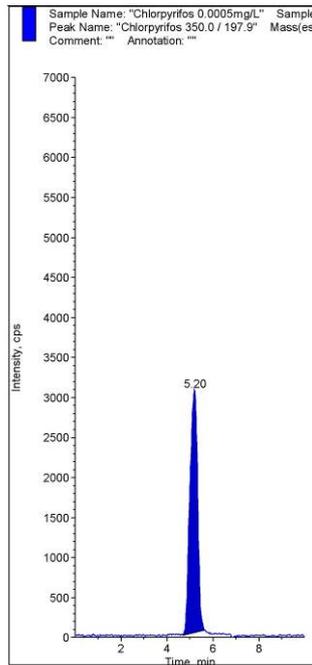


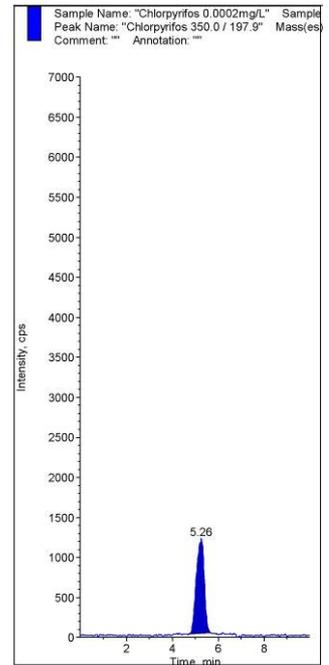
資料3 クロマトグラムの一例



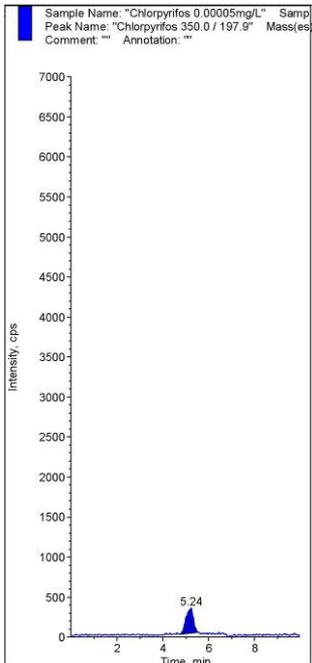
0.02 ng



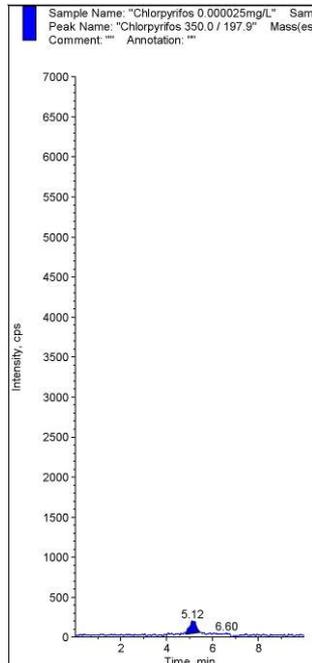
0.01 ng



0.004 ng

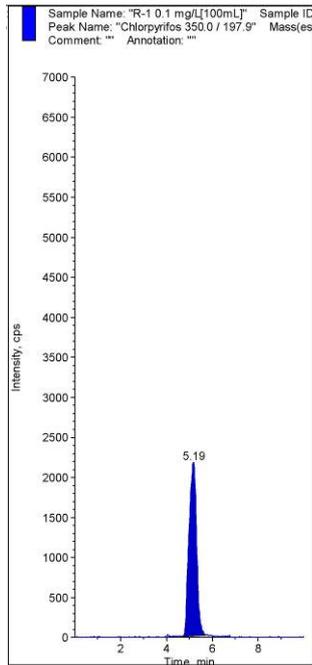


0.001 ng

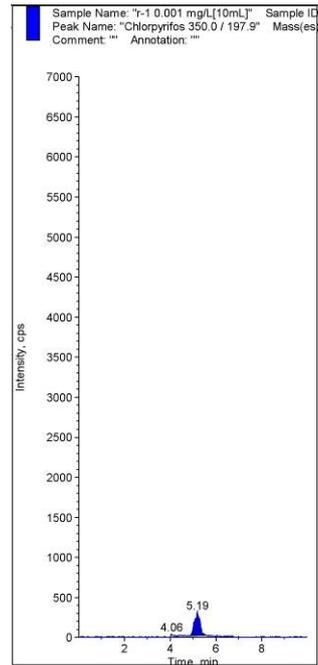


0.0005 ng

図 1-1 クロルピリホス標準品のクロマトグラム

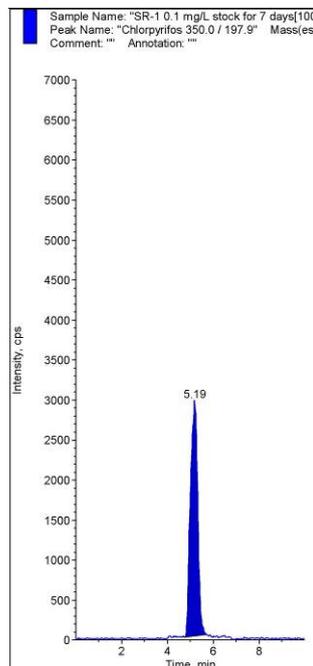


20 μ L/100 mL/0.5 L
(0.1 μ g/L)



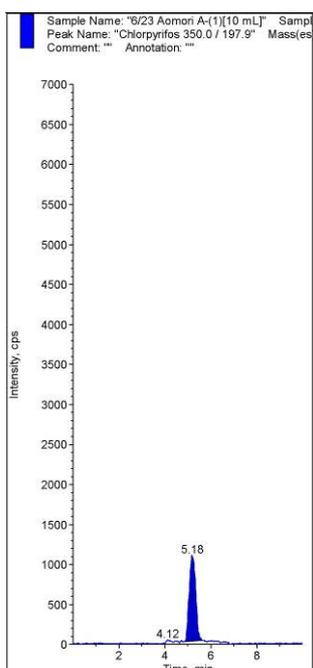
20 μ L/10 mL/0.5 L
(0.001 μ g/L)

図 1-2 クロルピリホス回収試験のクロマトグラム

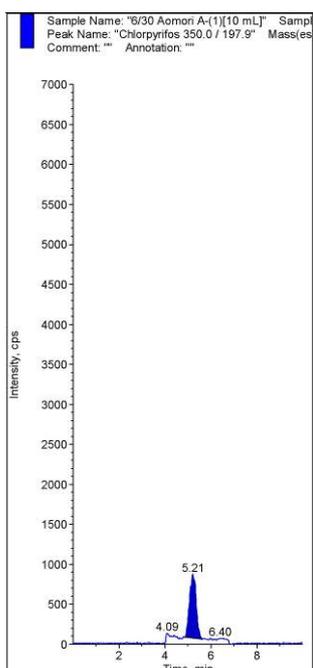


20 μ L/100 mL/0.5 L
(0.1 μ g/L 7日間保存)

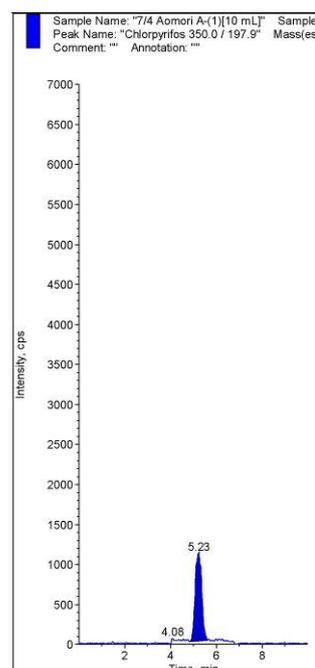
図 1-3 クロルピリホス保存安定性試験のクロマトグラム



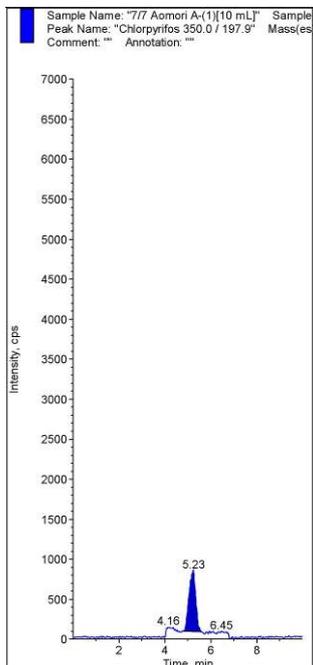
20 μ L/10 mL/0.5 L
6月23日



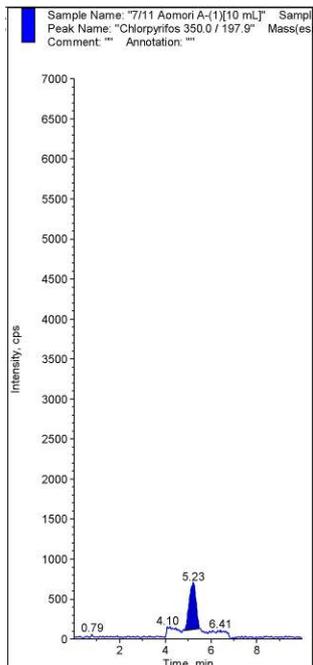
20 μ L/10 mL/0.5 L
6月30日



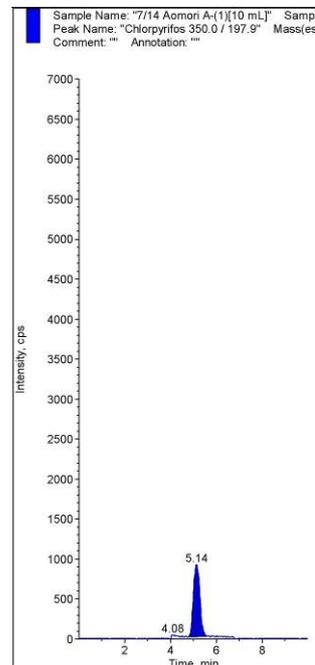
20 μ L/10 mL/0.5 L
7月4日



20 μ L/10 mL/0.5 L
7月7日

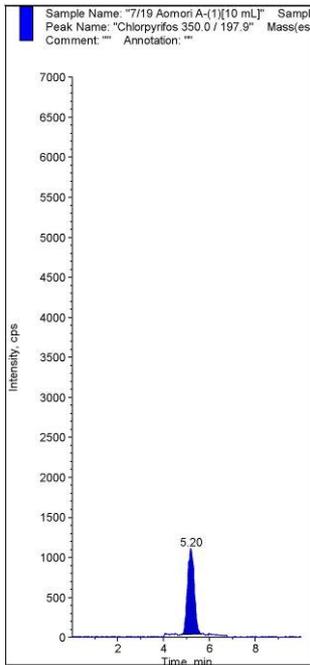


20 μ L/10 mL/0.5 L
7月11日

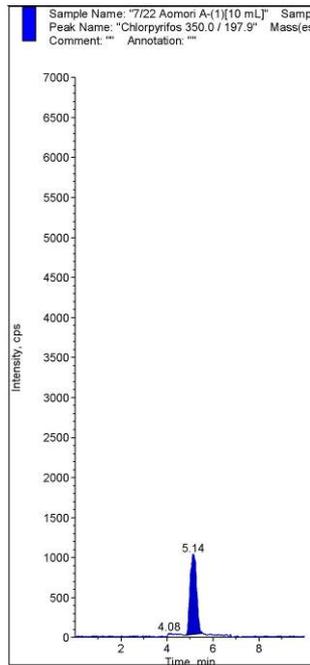


20 μ L/10 mL/0.5 L
7月14日

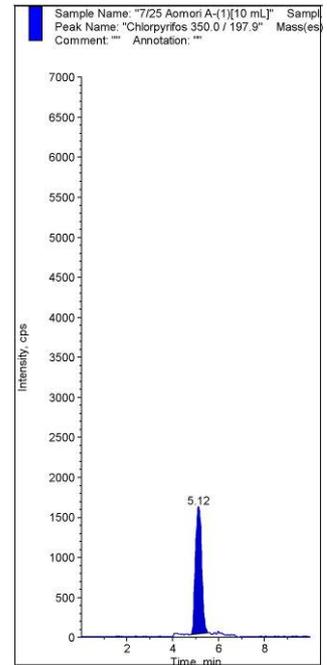
図 1-4-1 試料のクロマトグラム(クロルピリホス 三好橋)



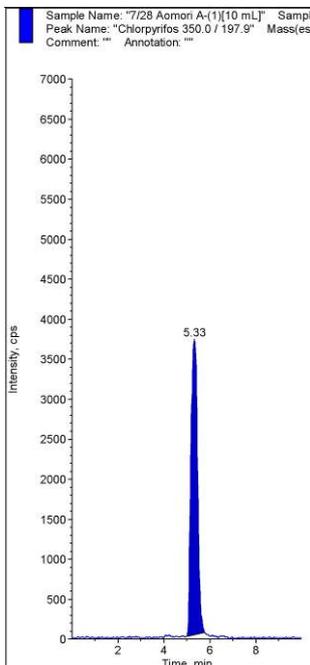
20 μ L/10 mL/0.5 L
7月19日



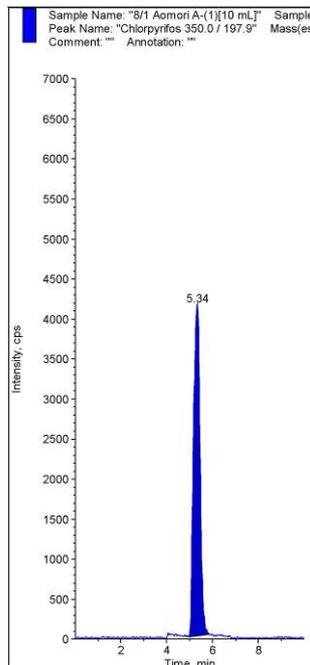
20 μ L/10 mL/0.5 L
7月22日



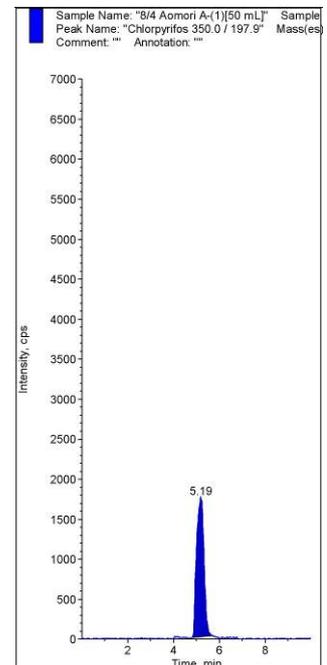
20 μ L/10 mL/0.5 L
7月25日



20 μ L/10 mL/0.5 L
7月28日

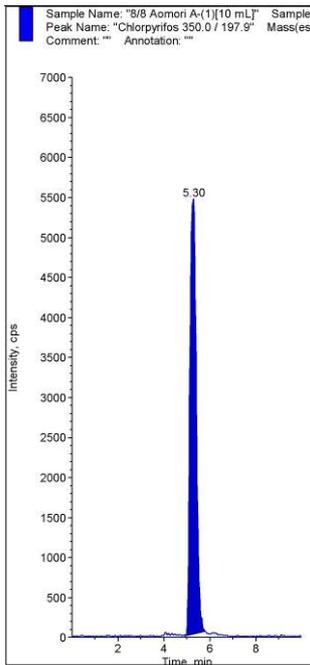


20 μ L/10 mL/0.5 L
8月1日

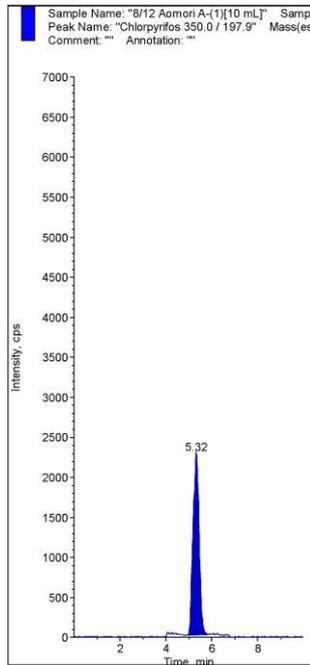


20 μ L/50 mL/0.5 L
8月4日

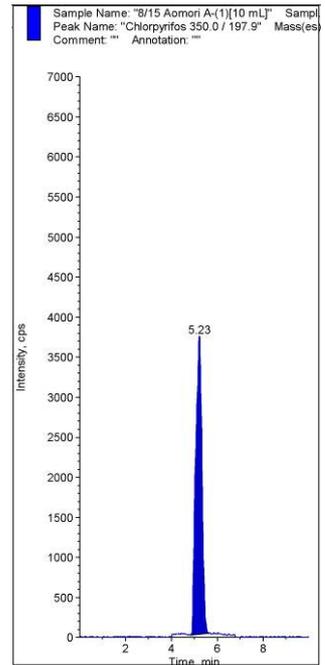
図 1-4-2 試料のクロマトグラム(クロルピリホス 三好橋)



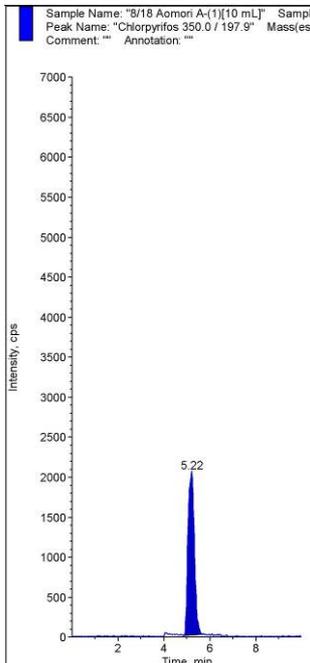
20 μ L/10 mL/0.5 L
8月8日



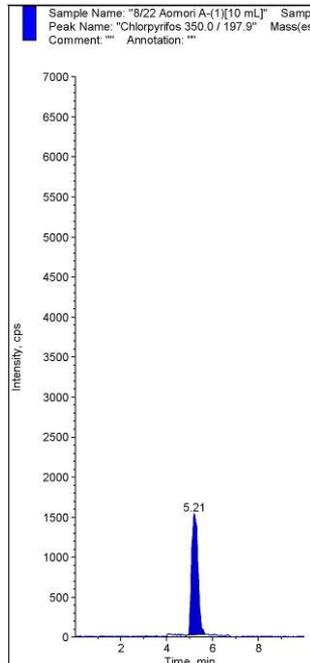
20 μ L/10 mL/0.5 L
8月12日



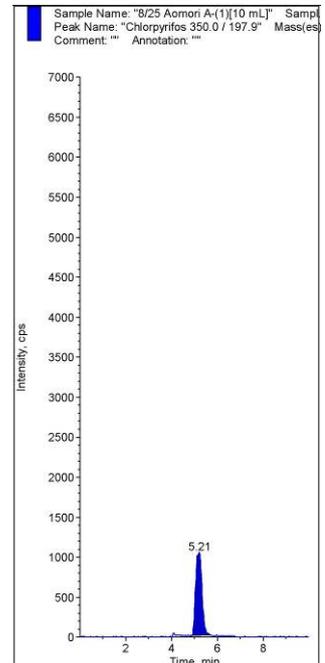
20 μ L/10 mL/0.5 L
8月15日



20 μ L/10 mL/0.5 L
8月18日

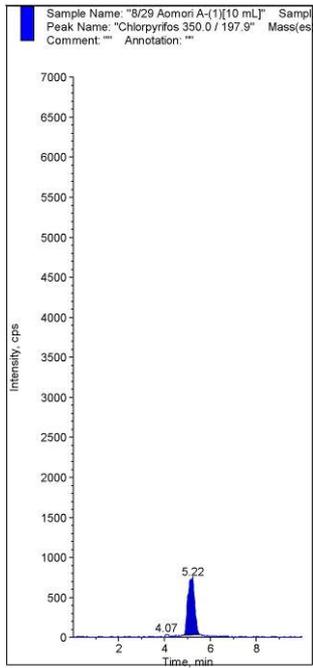


20 μ L/10 mL/0.5 L
8月22日

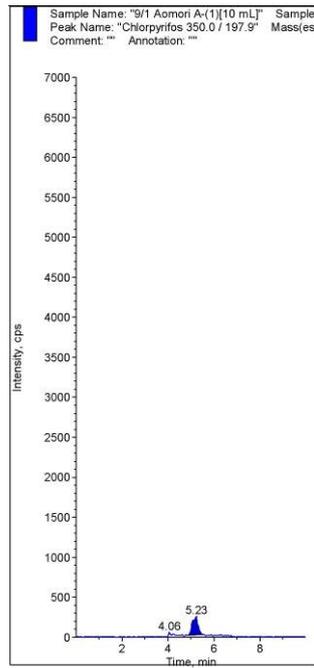


20 μ L/10 mL/0.5 L
8月25日

図 1-4-3 試料のクロマトグラム(クロルピリホス 三好橋)

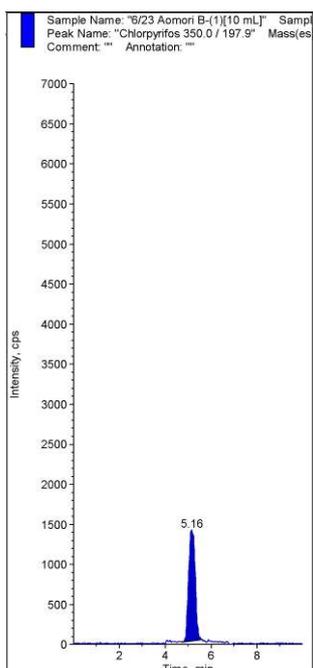


20 μ L/10 mL/0.5 L
 8月29日

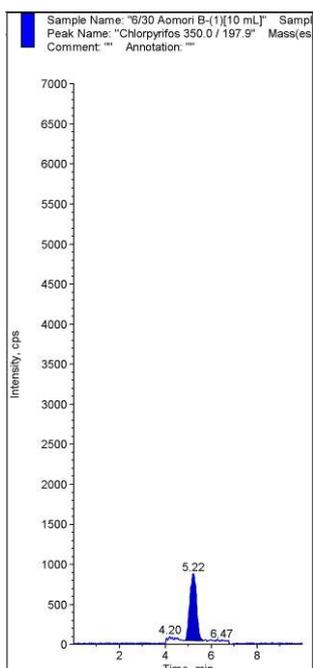


20 μ L/10 mL/0.5 L
 9月1日

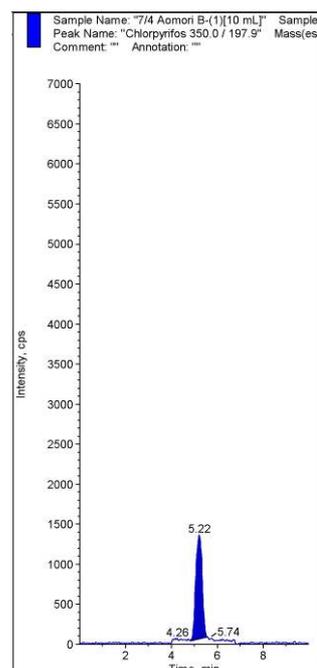
図 1-4-4 試料のクロマトグラム(クロルピリホス 三好橋)



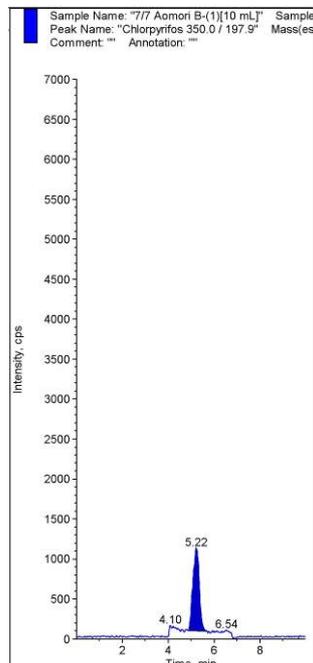
20 μ L/10 mL/0.5 L
6月23日



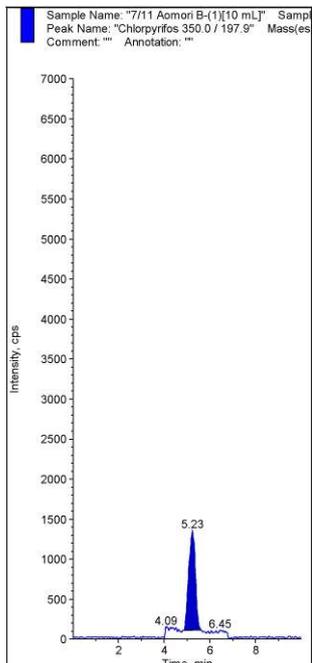
20 μ L/10 mL/0.5 L
6月30日



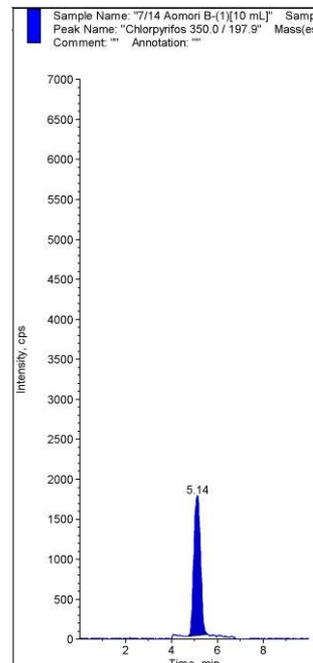
20 μ L/10 mL/0.5 L
7月4日



20 μ L/10 mL/0.5 L
7月7日

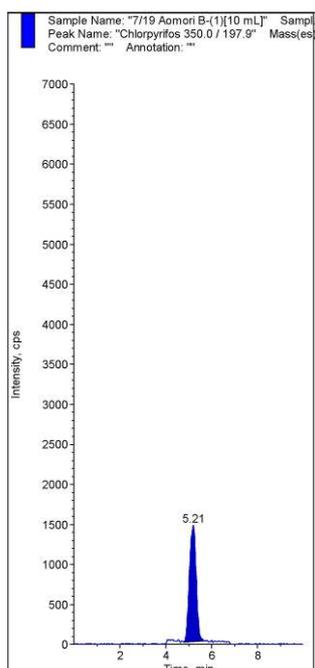


20 μ L/10 mL/0.5 L
7月11日

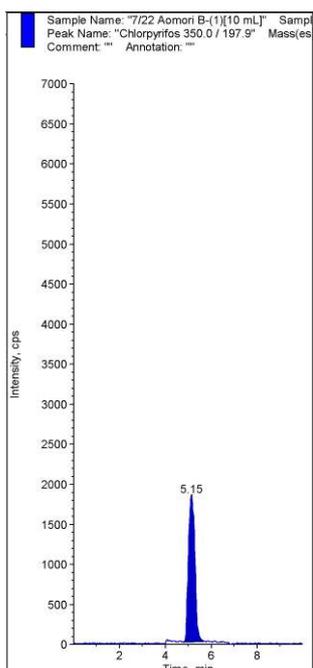


20 μ L/10 mL/0.5 L
7月14日

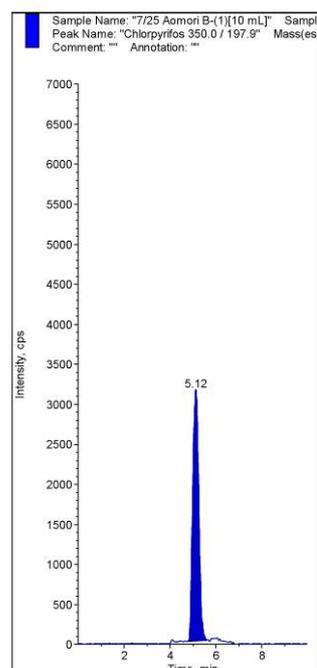
図 1-5-1 試料のクロマトグラム(クロルピリホス 五所川原大橋)



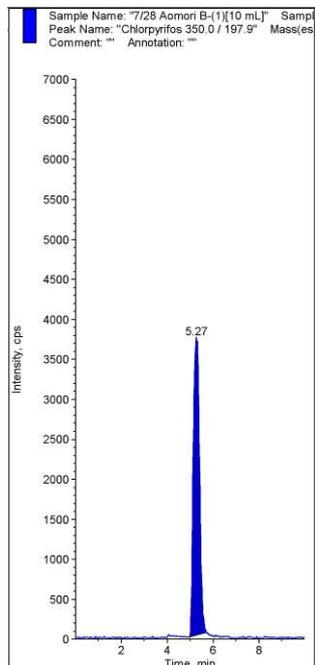
20 μ L/10 mL/0.5 L
7月19日



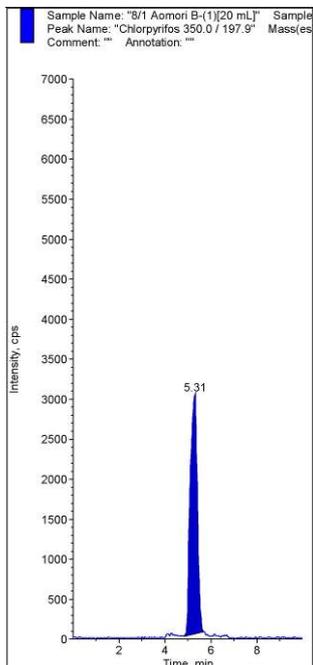
20 μ L/10 mL/0.5 L
7月22日



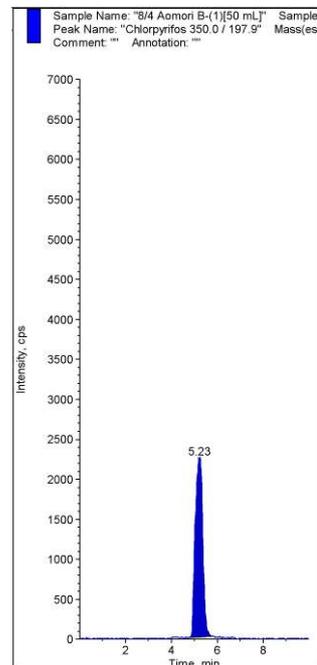
20 μ L/10 mL/0.5 L
7月25日



20 μ L/10 mL/0.5 L
7月28日

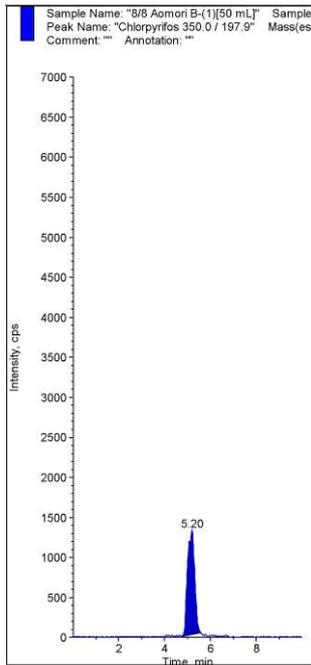


20 μ L/20 mL/0.5 L
8月1日

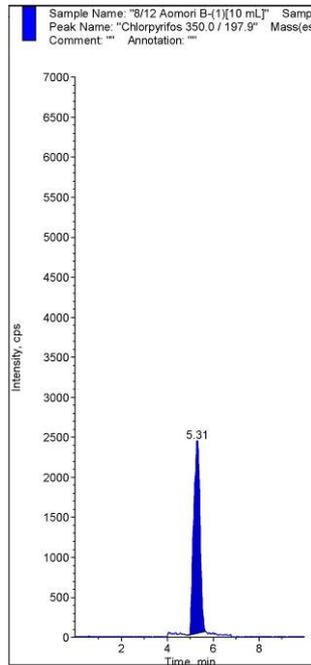


20 μ L/50 mL/0.5 L
8月4日

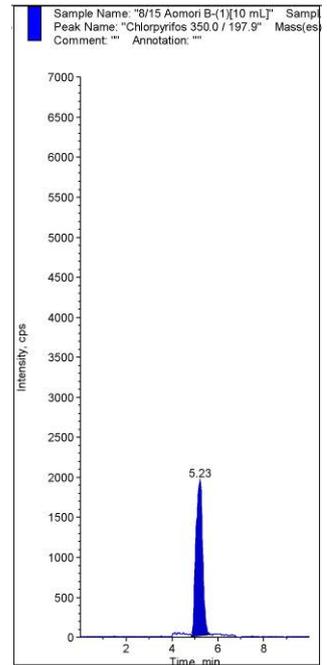
図 1-5-2 試料のクロマトグラム(クロルピリホス 五所川原大橋)



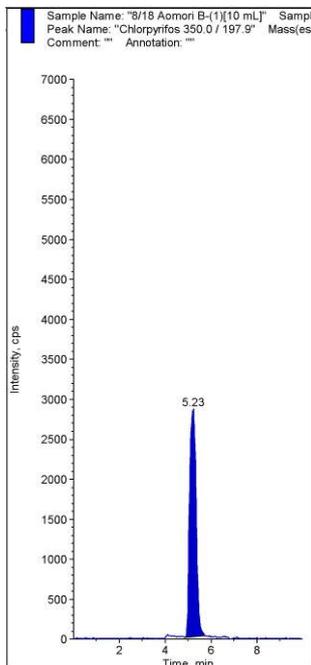
20 μ L/50 mL/0.5 L
8月8日



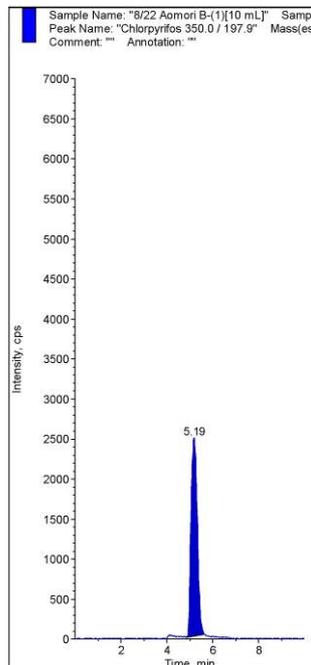
20 μ L/10 mL/0.5 L
8月12日



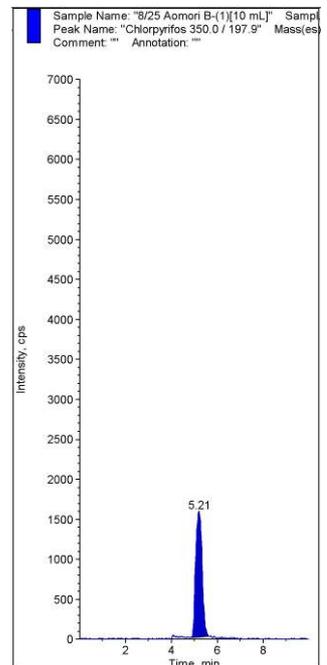
20 μ L/10 mL/0.5 L
8月15日



20 μ L/10 mL/0.5 L
8月18日

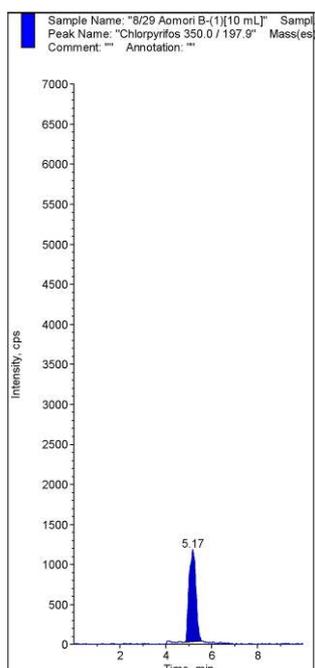


20 μ L/10 mL/0.5 L
8月22日



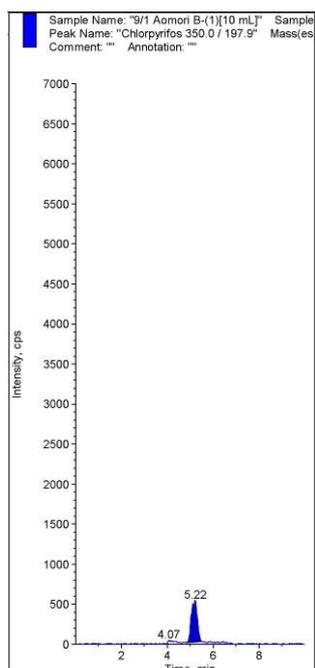
20 μ L/10 mL/0.5 L
8月25日

図 1-5-3 試料のクロマトグラム(クロルピリホス 五所川原大橋)



20 μ L/10 mL/0.5 L

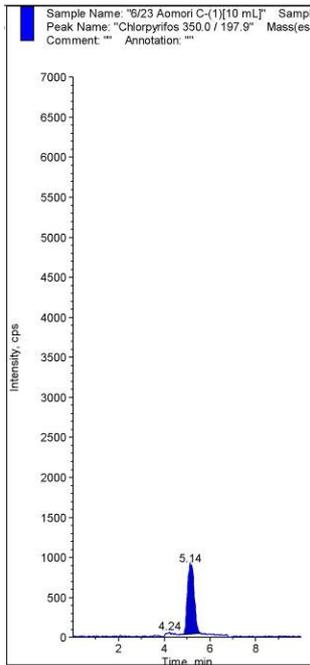
8月29日



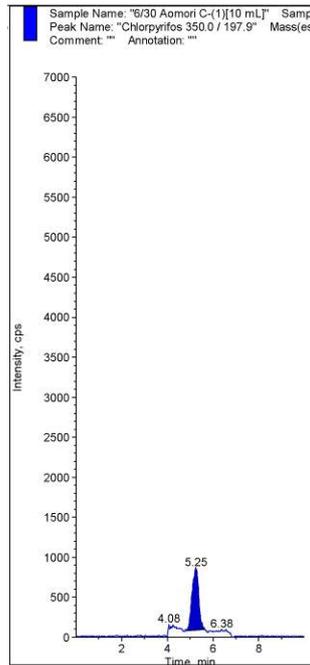
20 μ L/10 mL/0.5 L

9月1日

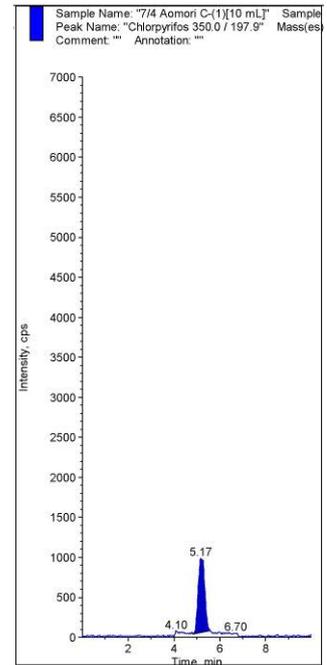
図 1-5-4 試料のクロマトグラム(クロルピリホス 五所川原大橋)



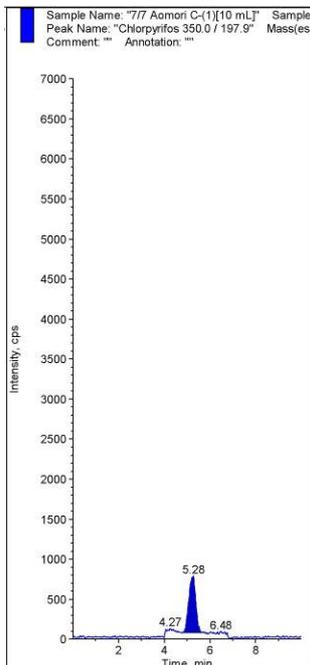
20 μ L/10 mL/0.5 L
6月23日



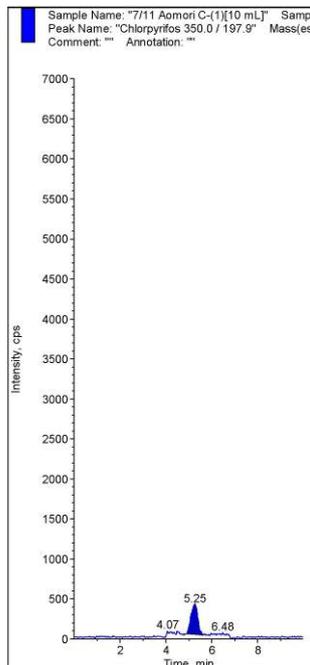
20 μ L/10 mL/0.5 L
6月30日



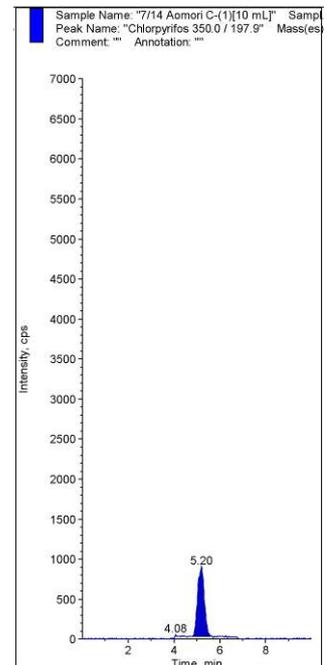
20 μ L/10 mL/0.5 L
7月4日



20 μ L/10 mL/0.5 L
7月7日

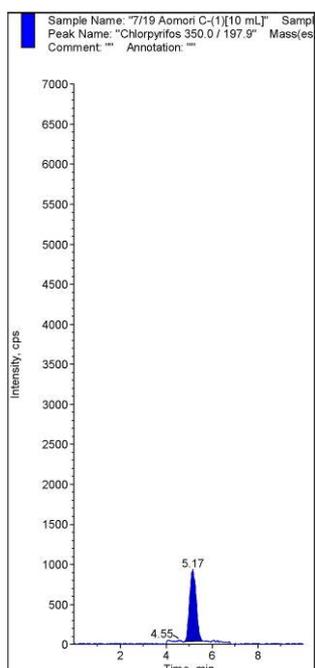


20 μ L/10 mL/0.5 L
7月11日

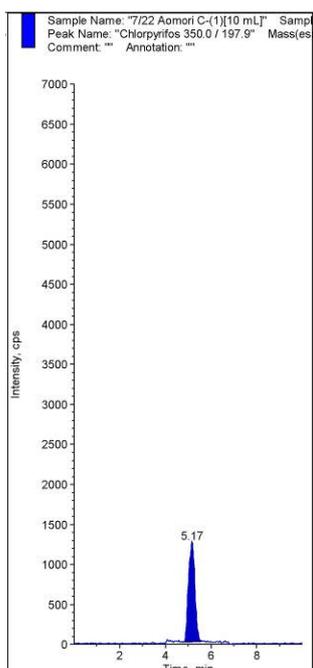


20 μ L/10 mL/0.5 L
7月14日

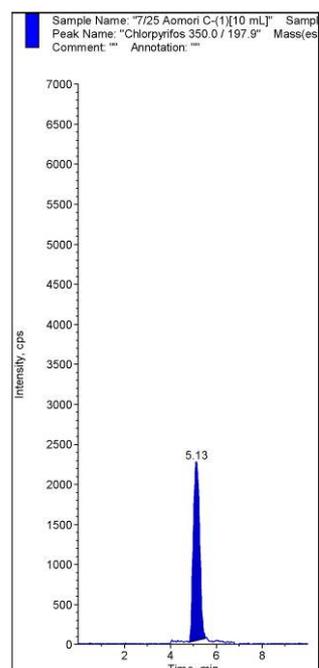
図 1-6-1 試料のクロマトグラム(クロルピリホス 鶴寿橋)



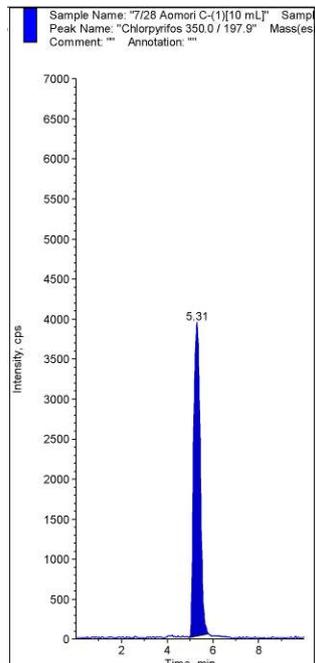
20 μ L/10 mL/0.5 L
7月19日



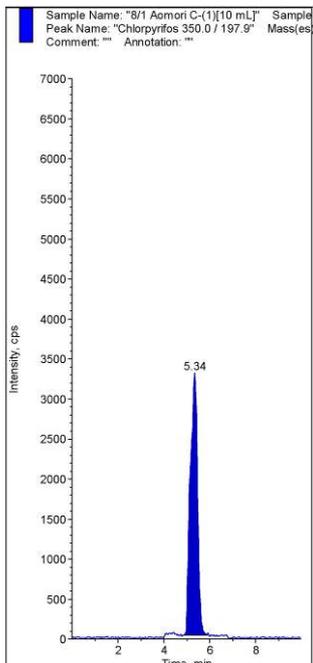
20 μ L/10 mL/0.5 L
7月22日



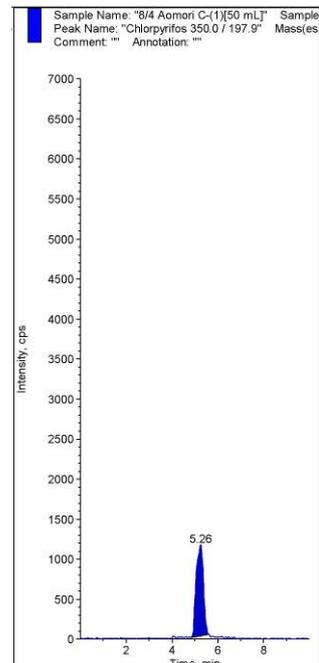
20 μ L/10 mL/0.5 L
7月25日



20 μ L/10 mL/0.5 L
7月28日

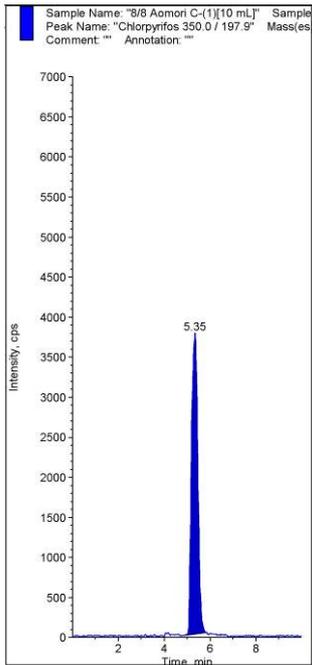


20 μ L/10 mL/0.5 L
8月1日

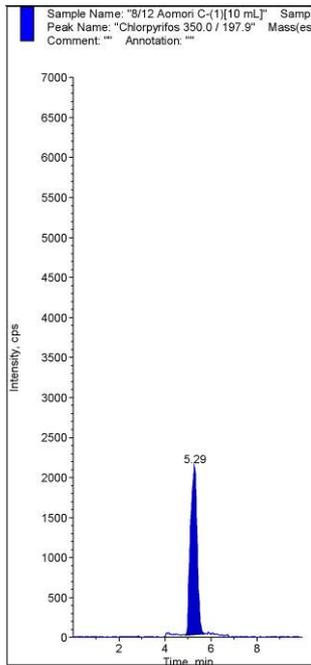


20 μ L/50 mL/0.5 L
8月4日

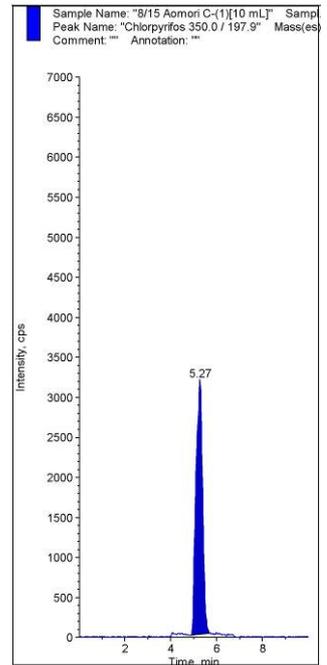
図 1-6-2 試料のクロマトグラム(クロルピリホス 鶴寿橋)



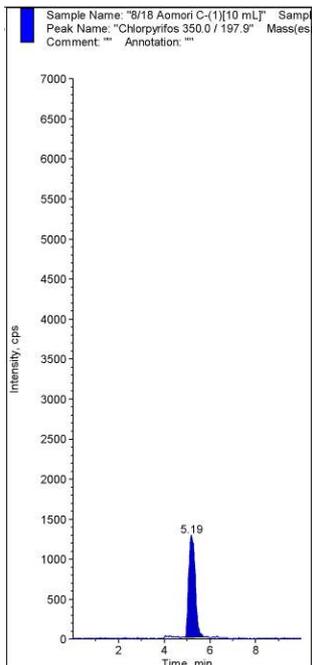
20 μ L/10 mL/0.5 L
8月8日



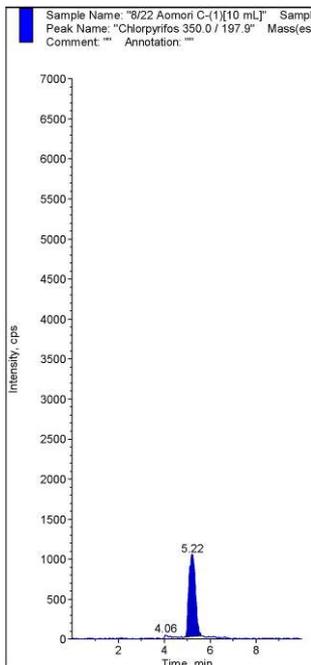
20 μ L/10 mL/0.5 L
8月12日



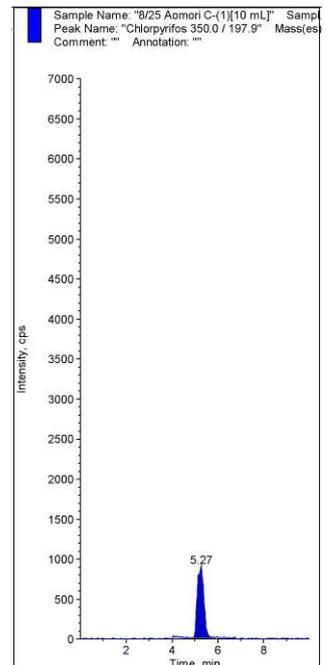
20 μ L/10 mL/0.5 L
8月15日



20 μ L/10 mL/0.5 L
8月18日

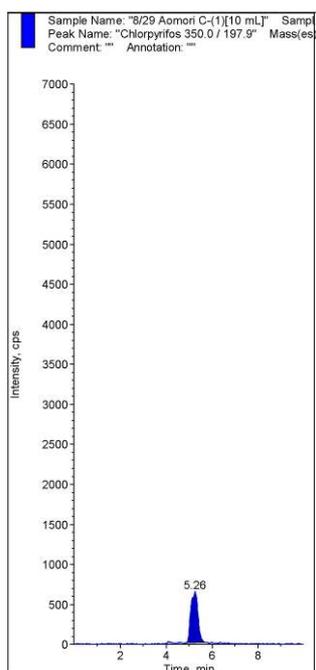


20 μ L/10 mL/0.5 L
8月22日



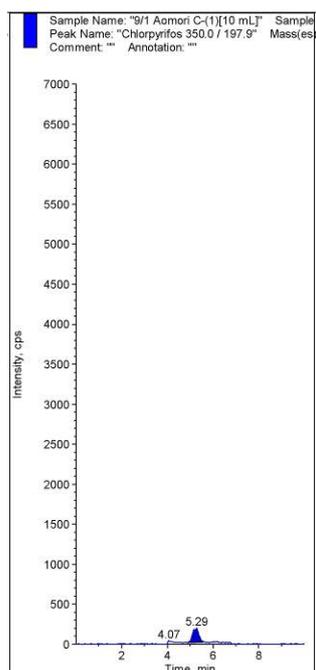
20 μ L/10 mL/0.5 L
8月25日

図 1-6-3 試料のクロマトグラム(クロルピリホス 鶴寿橋)



20 μ L/10 mL/0.5 L

8月29日



20 μ L/10 mL/0.5 L

9月1日

図 1-6-4 試料のクロマトグラム(クロルピリホス 鶴寿橋)

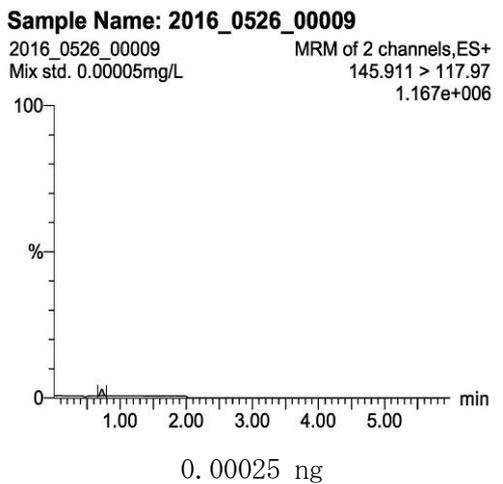
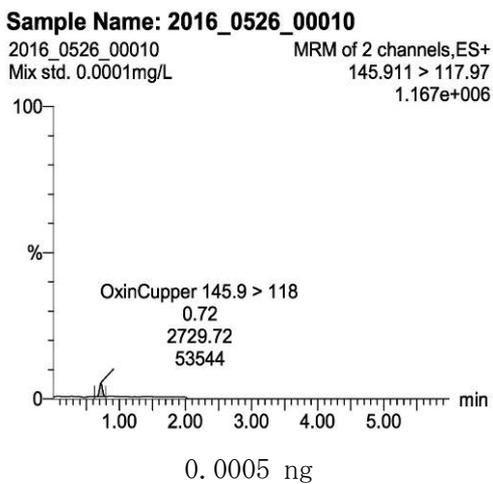
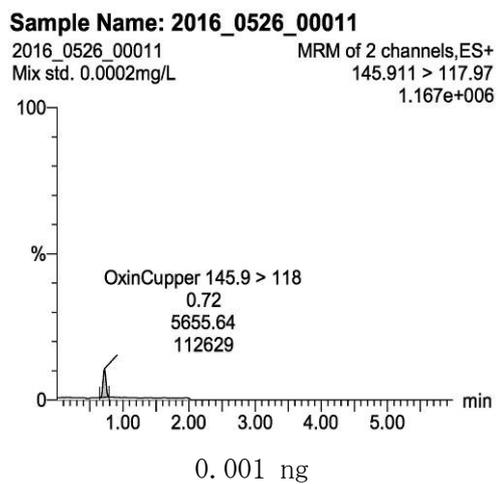
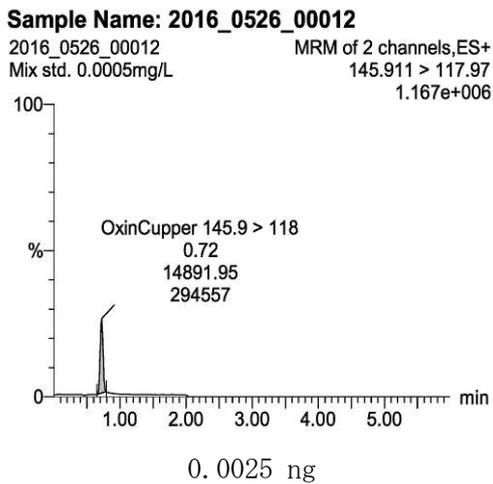
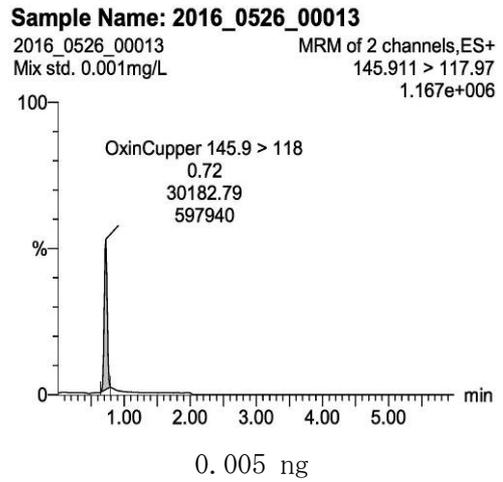
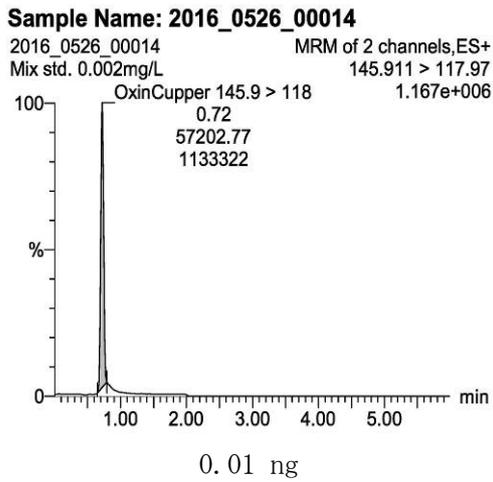
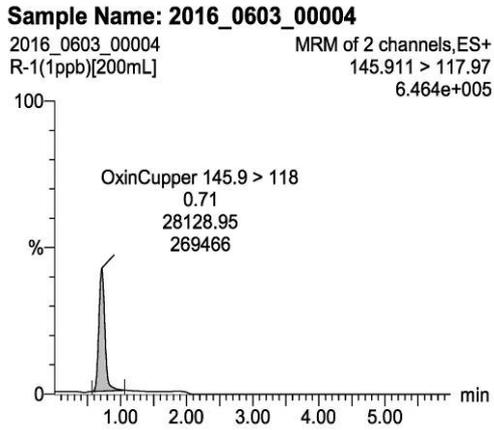
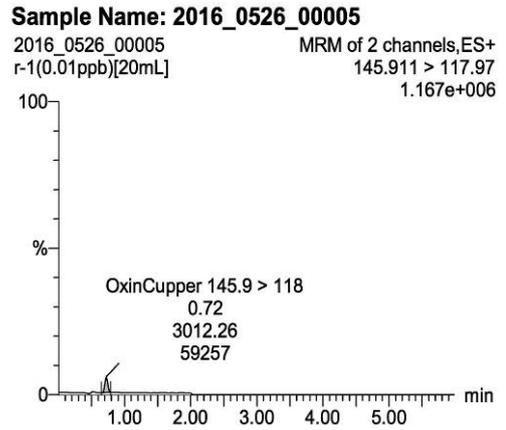


図 2-1 オキシシン銅標準品のクロマトグラム

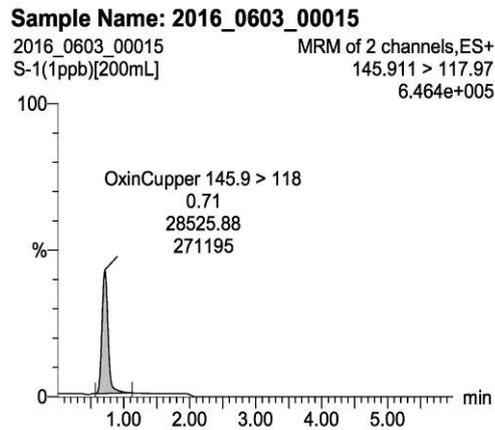


5 μ L/200 mL/0.2 L
 (1 μ g/L)



5 μ L/20 mL/0.2 L
 (0.01 μ g/L)

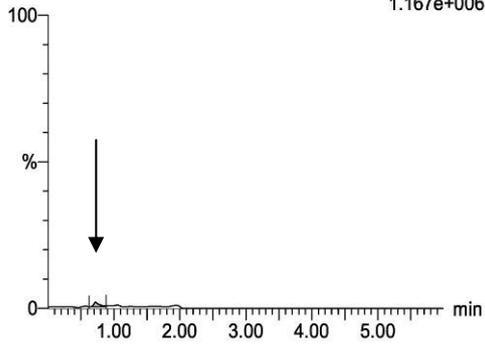
図 2-2 オキシシン銅回収試験のクロマトグラム



5 μ L/200 mL/0.2 L
 (1 μ g/L 7日間保存)

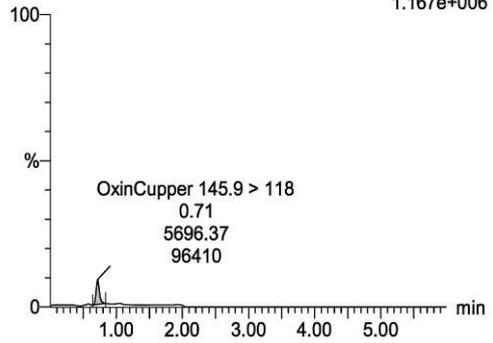
図 2-3 オキシシン銅保存安定性試験のクロマトグラム

Sample Name: 2016_0627_00029
 2016_0627_00029 MRM of 2 channels,ES+
 6/23 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



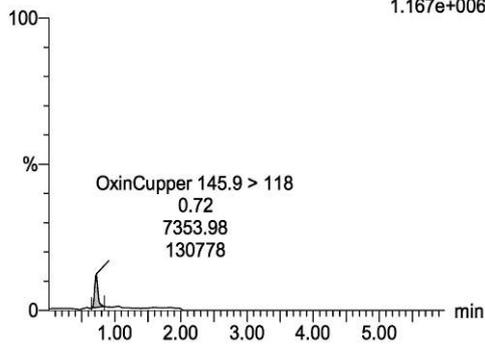
5 μ L/20 mL/0.2 L
 6月23日

Sample Name: 2016_0704_00016
 2016_0704_00016 MRM of 2 channels,ES+
 6/30 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



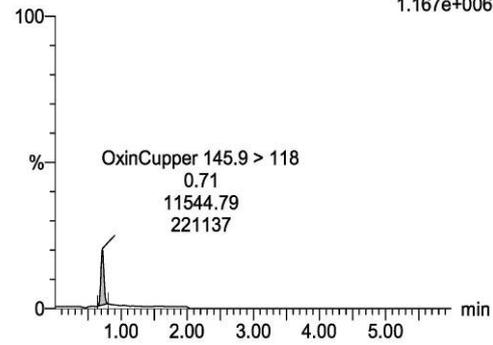
5 μ L/20 mL/0.2 L
 6月30日

Sample Name: 2016_0706_00016
 2016_0706_00016 MRM of 2 channels,ES+
 7/4 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



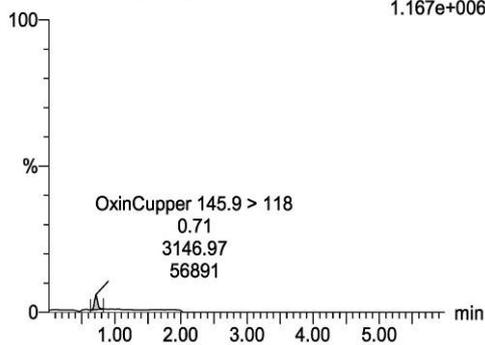
5 μ L/20 mL/0.2 L
 7月4日

Sample Name: 2016_0713_00008
 2016_0713_00008 MRM of 2 channels,ES+
 7/7 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



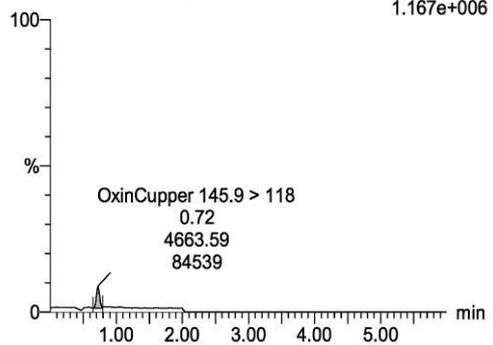
5 μ L/20 mL/0.2 L
 7月7日

Sample Name: 2016_0713_00022
 2016_0713_00022 MRM of 2 channels,ES+
 7/11 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L
 7月11日

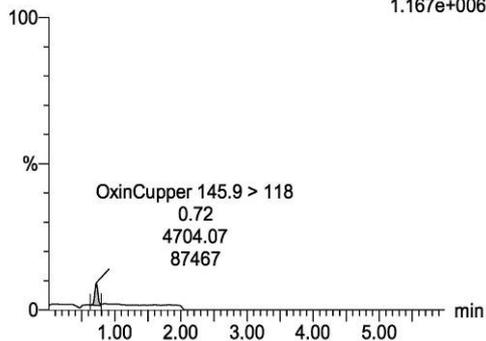
Sample Name: 2016_0722_00008
 2016_0722_00008 MRM of 2 channels,ES+
 7/14 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L
 7月14日

図 2-4-1 試料のクロマトグラム(オキシ銅 三好橋)

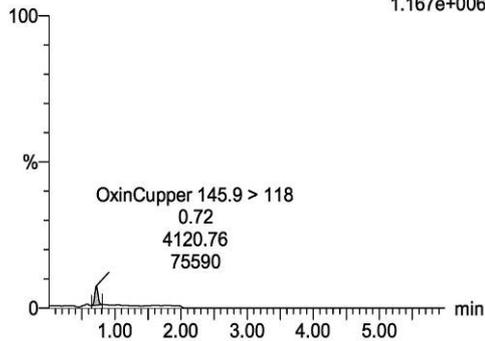
Sample Name: 2016_0722_00022
 2016_0722_00022 MRM of 2 channels, ES+
 7/19 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月19日

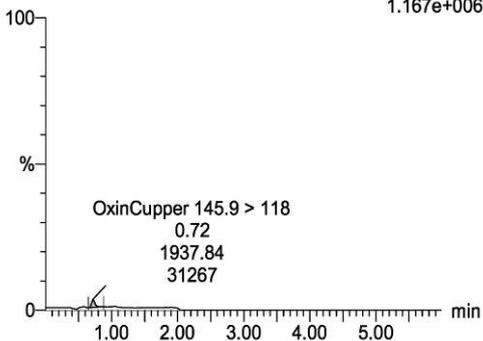
Sample Name: 2016_0727_00008
 2016_0727_00008 MRM of 2 channels, ES+
 7/22 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月22日

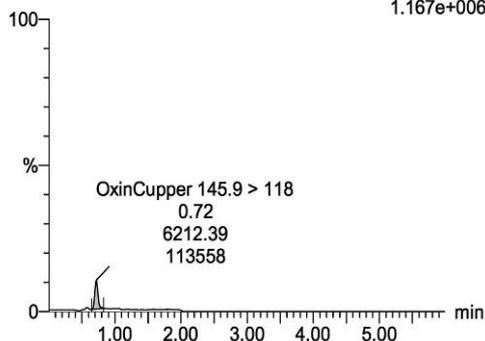
Sample Name: 2016_0727_00022
 2016_0727_00022 MRM of 2 channels, ES+
 7/25 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月25日

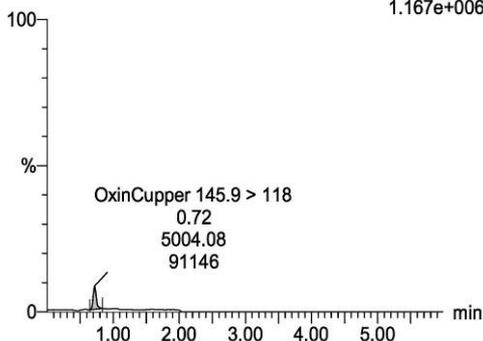
Sample Name: 2016_0805_00008
 2016_0805_00008 MRM of 2 channels, ES+
 7/28 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月28日

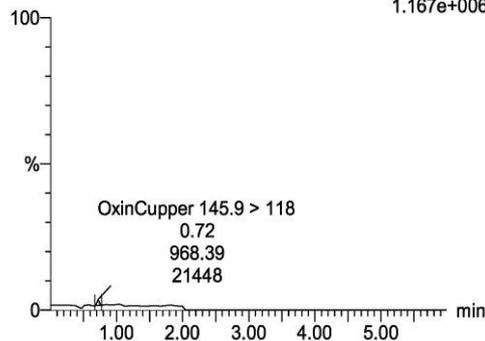
Sample Name: 2016_0805_00022
 2016_0805_00022 MRM of 2 channels, ES+
 8/1 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

8月1日

Sample Name: 2016_0817_00010
 2016_0817_00010 MRM of 2 channels, ES+
 8/4 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006

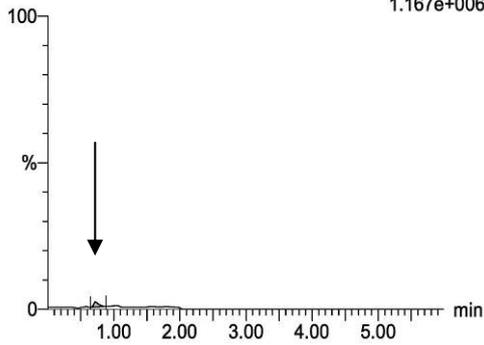


5 μ L/20 mL/0.2 L

8月4日

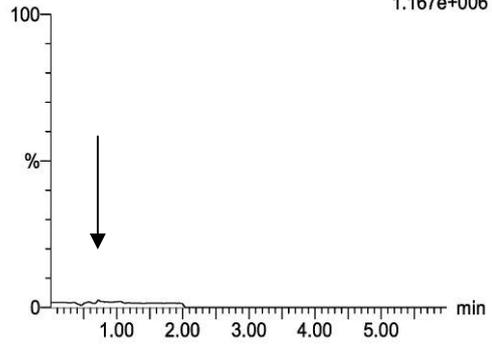
図 2-4-2 試料のクロマトグラム(オキシ銅 三好橋)

Sample Name: 2016_0809_00022
 2016_0809_00022 MRM of 2 channels,ES+
 8/8 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



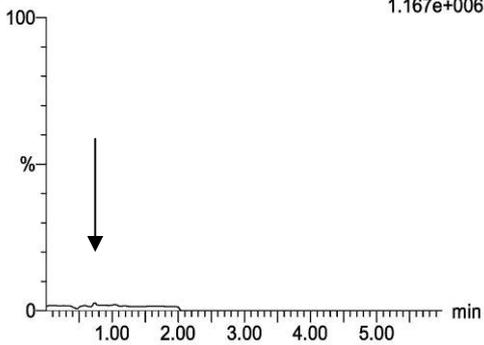
5 μ L/20 mL/0.2 L
 8月8日

Sample Name: 2016_0817_00027
 2016_0817_00027 MRM of 2 channels,ES+
 8/12 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



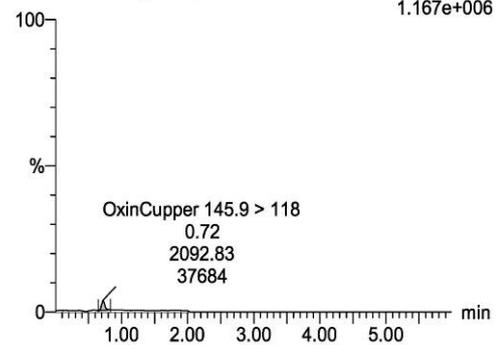
5 μ L/20 mL/0.2 L
 8月12日

Sample Name: 2016_0817_00039
 2016_0817_00039 MRM of 2 channels,ES+
 8/15 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



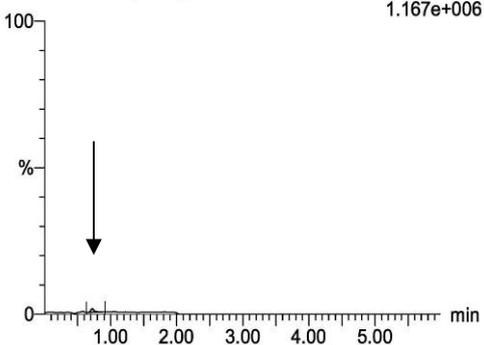
5 μ L/20 mL/0.2 L
 8月15日

Sample Name: 2016_0824_00008
 2016_0824_00008 MRM of 2 channels,ES+
 8/18 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



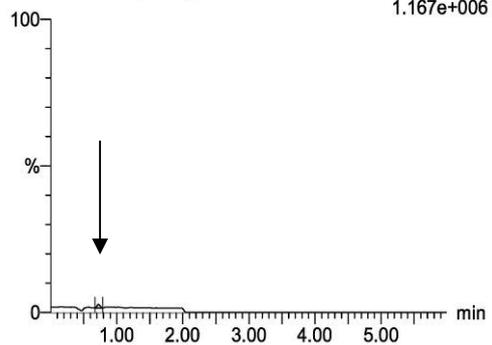
5 μ L/20 mL/0.2 L
 8月18日

Sample Name: 2016_0824_00022
 2016_0824_00022 MRM of 2 channels,ES+
 8/22 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L
 8月22日

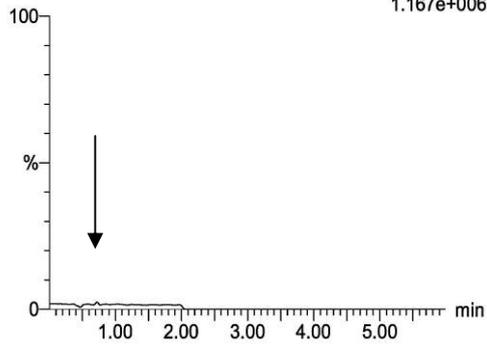
Sample Name: 2016_0831_00015
 2016_0831_00015 MRM of 2 channels,ES+
 8/25 Aomori A-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L
 8月25日

図 2-4-3 試料のクロマトグラム(オキシ銅 三好橋)

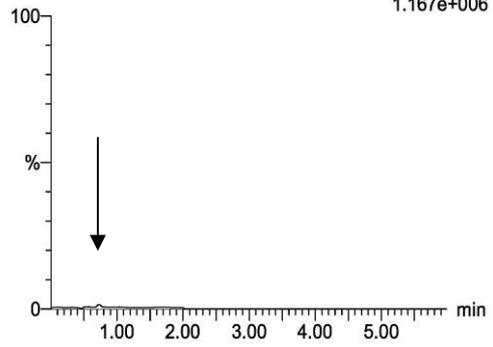
Sample Name: 2016_0831_00029
2016_0831_00029 MRM of 2 channels, ES+
8/29 Aomori A-1[20mL] 145.911 > 117.97
1.167e+006



5 μ L/20 mL/0.2 L

8月29日

Sample Name: 2016_0909_00008
2016_0909_00008 MRM of 2 channels, ES+
9/1 Aomori A-1[20mL] 145.911 > 117.97
1.167e+006



5 μ L/20 mL/0.2 L

9月1日

図 2-4-4 試料のクロマトグラム(オキシシン銅 三好橋)

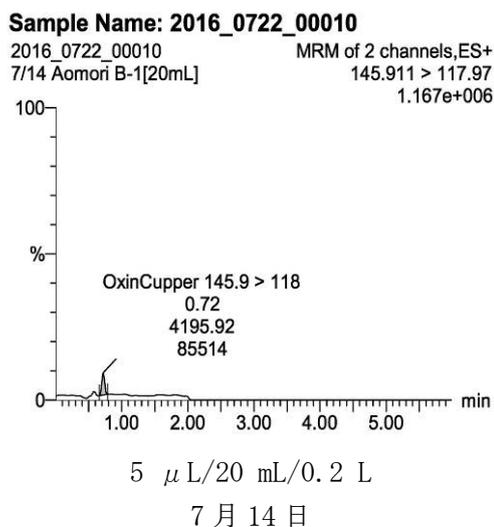
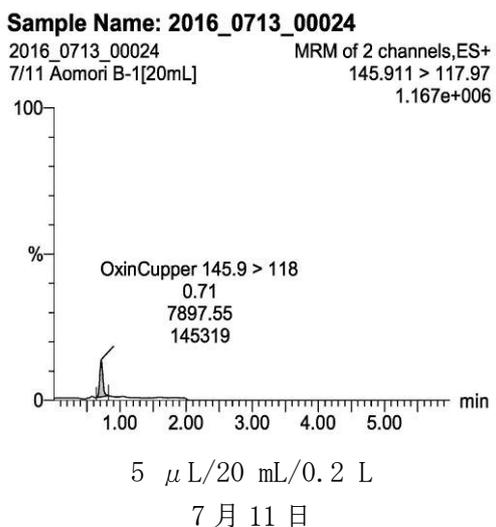
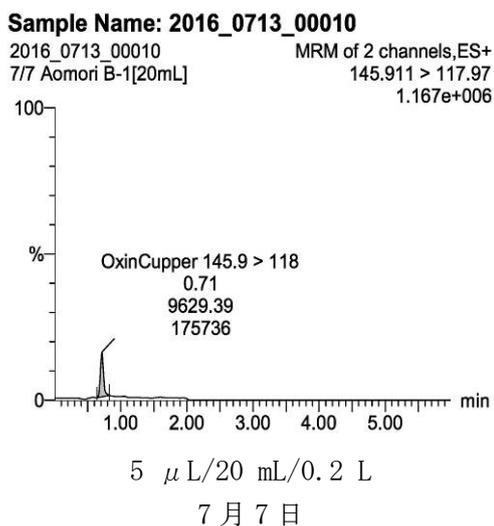
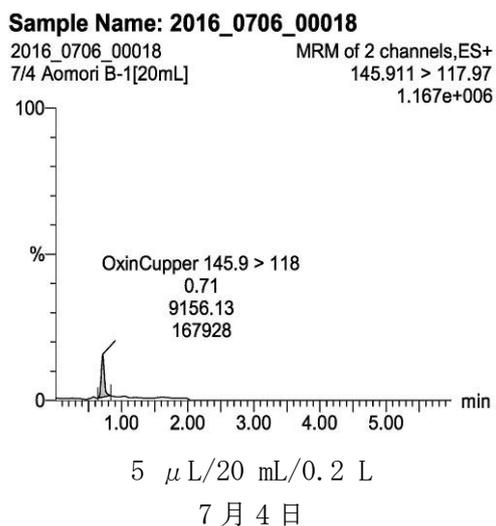
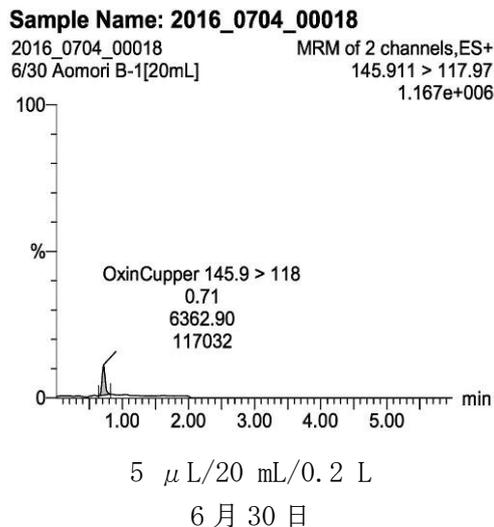
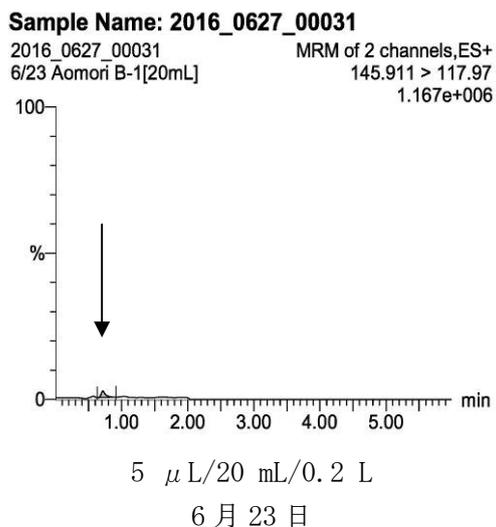
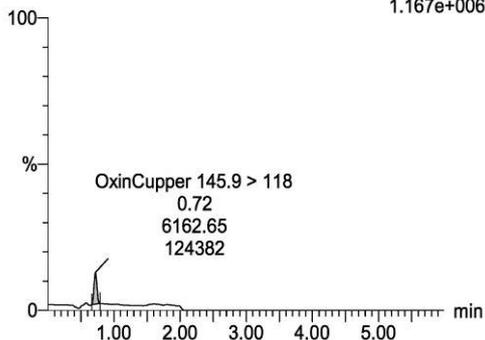


図 2-5-1 試料のクロマトグラム(オキシシン銅 五所川原大橋)

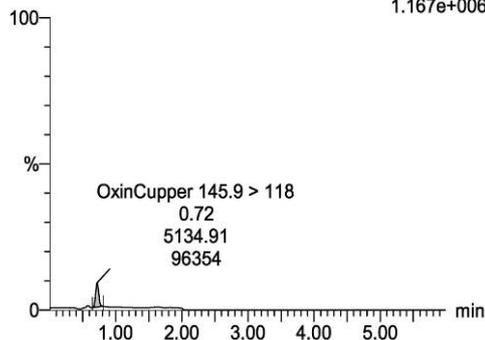
Sample Name: 2016_0722_00024
 2016_0722_00024 MRM of 2 channels,ES+
 7/19 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月19日

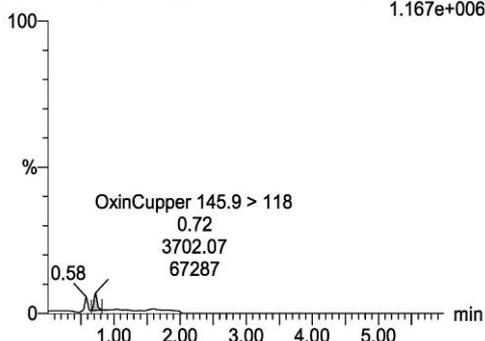
Sample Name: 2016_0727_00010
 2016_0727_00010 MRM of 2 channels,ES+
 7/22 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月22日

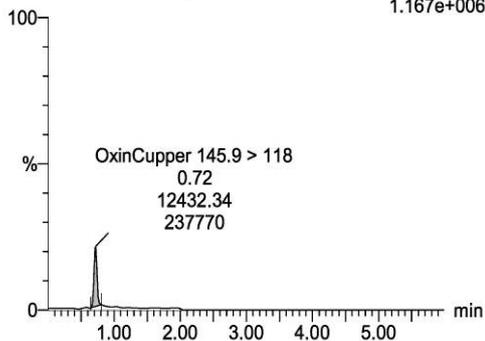
Sample Name: 2016_0727_00024
 2016_0727_00024 MRM of 2 channels,ES+
 7/25 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月25日

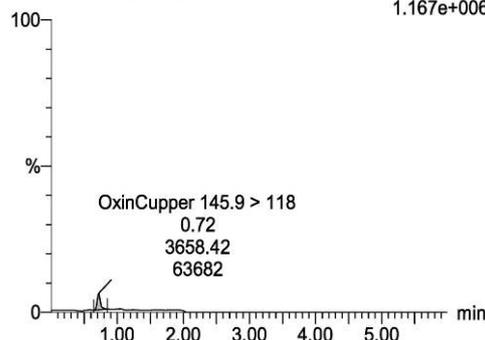
Sample Name: 2016_0805_00010
 2016_0805_00010 MRM of 2 channels,ES+
 7/28 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月28日

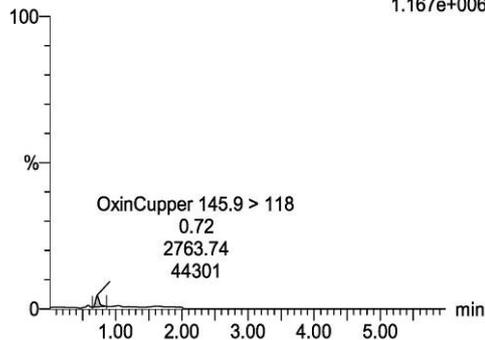
Sample Name: 2016_0805_00024
 2016_0805_00024 MRM of 2 channels,ES+
 8/1 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

8月1日

Sample Name: 2016_0809_00010
 2016_0809_00010 MRM of 2 channels,ES+
 8/4 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006

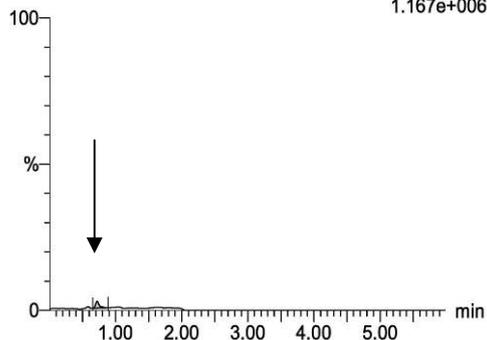


5 μ L/20 mL/0.2 L

8月4日

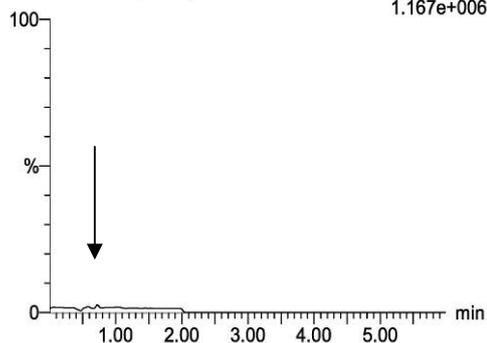
図 2-5-2 試料のクロマトグラム(オキシ銅 五所川原大橋)

Sample Name: 2016_0809_00024
 2016_0809_00024 MRM of 2 channels,ES+
 8/8 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



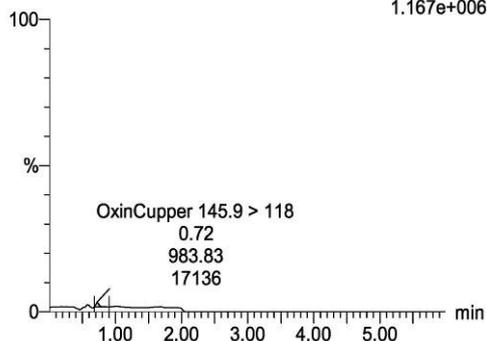
5 μ L/20 mL/0.2 L
 8月8日

Sample Name: 2016_0817_00029
 2016_0817_00029 MRM of 2 channels,ES+
 8/12 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



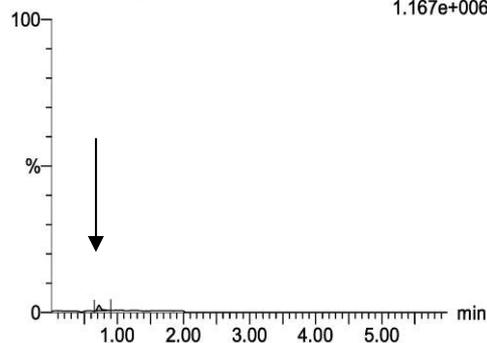
5 μ L/20 mL/0.2 L
 8月12日

Sample Name: 2016_0817_00041
 2016_0817_00041 MRM of 2 channels,ES+
 8/15 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



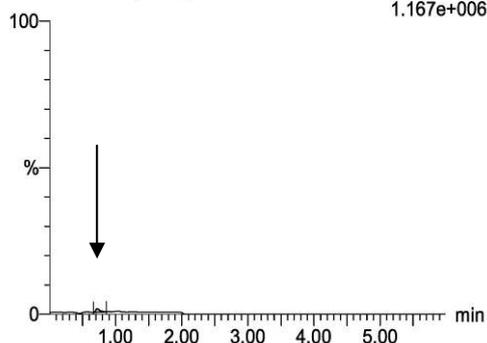
5 μ L/20 mL/0.2 L
 8月15日

Sample Name: 2016_0824_00010
 2016_0824_00010 MRM of 2 channels,ES+
 8/18 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



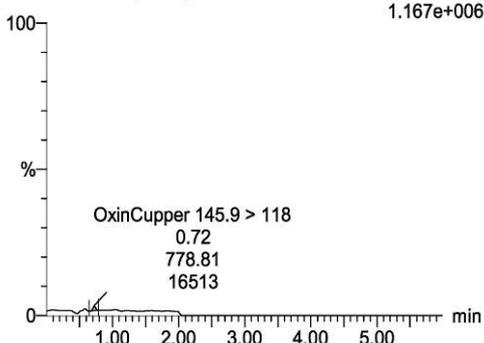
5 μ L/20 mL/0.2 L
 8月18日

Sample Name: 2016_0824_00024
 2016_0824_00024 MRM of 2 channels,ES+
 8/22 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L
 8月22日

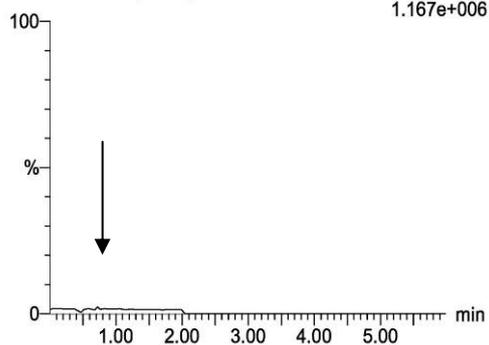
Sample Name: 2016_0831_00017
 2016_0831_00017 MRM of 2 channels,ES+
 8/25 Aomori B-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L
 8月25日

図 2-5-3 試料のクロマトグラム(オキシ銅 五所川原大橋)

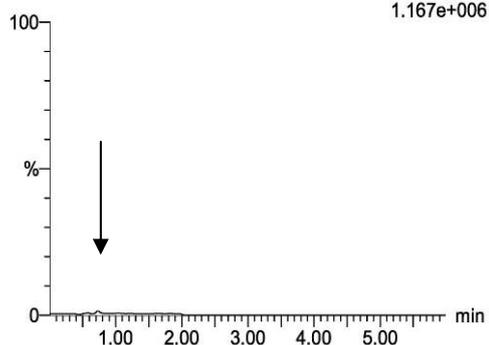
Sample Name: 2016_0831_00031
2016_0831_00031 MRM of 2 channels,ES+
8/29 Aomori B-1[20mL] 145.911 > 117.97
1.167e+006



5 μ L/20 mL/0.2 L

8月29日

Sample Name: 2016_0909_00010
2016_0909_00010 MRM of 2 channels,ES+
9/1 Aomori B-1[20mL] 145.911 > 117.97
1.167e+006

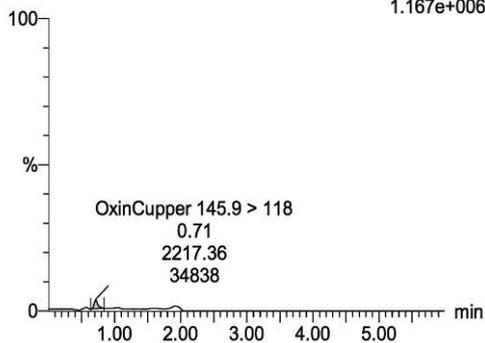


5 μ L/20 mL/0.2 L

9月1日

図 2-5-4 試料のクロマトグラム(オキシシン銅 五所川原大橋)

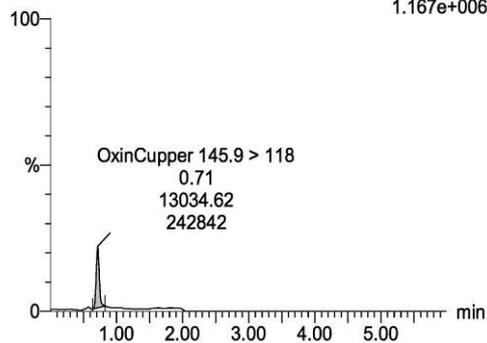
Sample Name: 2016_0627_00033
 2016_0627_00033 MRM of 2 channels,ES+
 6/23 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

6月23日

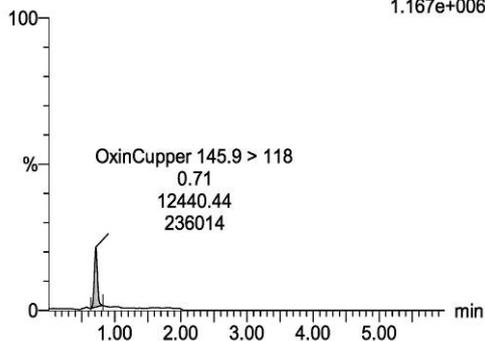
Sample Name: 2016_0704_00020
 2016_0704_00020 MRM of 2 channels,ES+
 6/30 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

6月30日

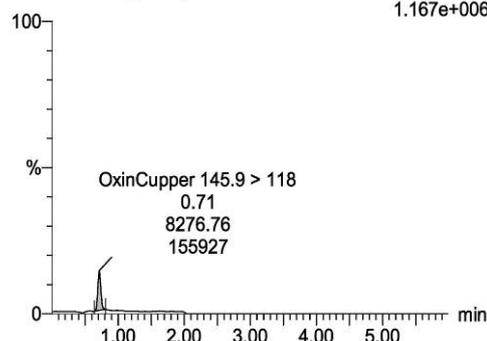
Sample Name: 2016_0706_00020
 2016_0706_00020 MRM of 2 channels,ES+
 7/4 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月4日

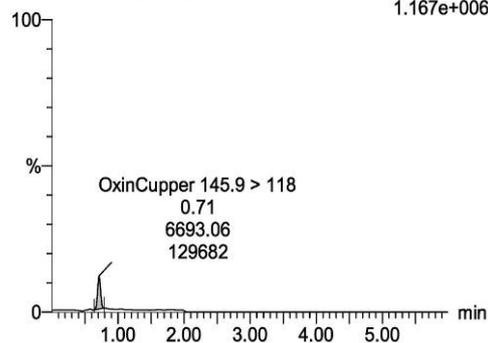
Sample Name: 2016_0713_00012
 2016_0713_00012 MRM of 2 channels,ES+
 7/7 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月7日

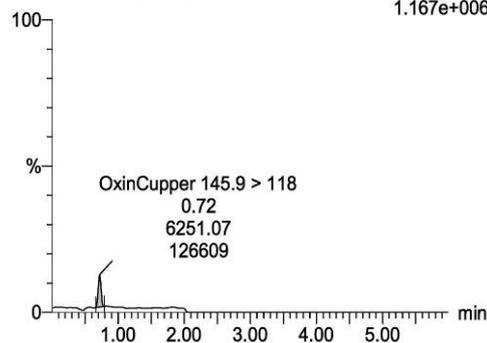
Sample Name: 2016_0713_00026
 2016_0713_00026 MRM of 2 channels,ES+
 7/11 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L

7月11日

Sample Name: 2016_0722_00012
 2016_0722_00012 MRM of 2 channels,ES+
 7/14 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006

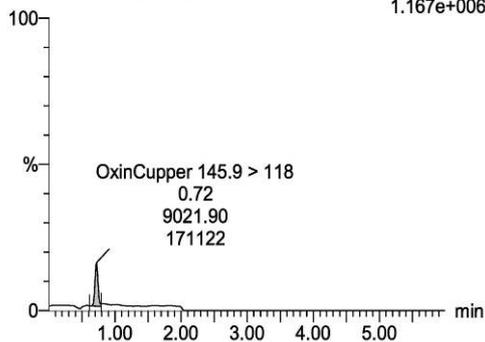


5 μ L/20 mL/0.2 L

7月14日

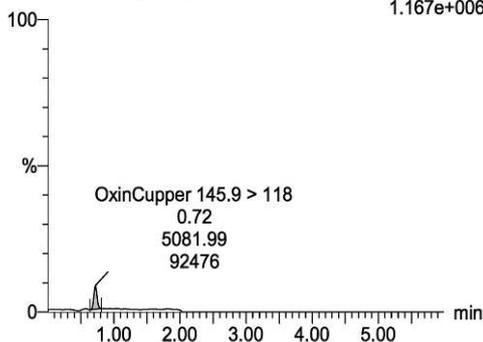
図 2-6-1 試料のクロマトグラム(オキシ銅 鶴寿橋)

Sample Name: 2016_0722_00026
 2016_0722_00026 MRM of 2 channels,ES+
 7/19 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



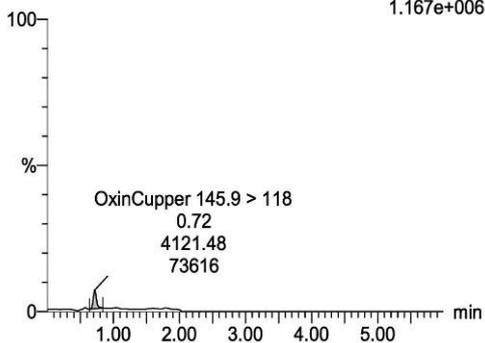
5 μ L/20 mL/0.2 L
 7月19日

Sample Name: 2016_0727_00012
 2016_0727_00012 MRM of 2 channels,ES+
 7/22 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



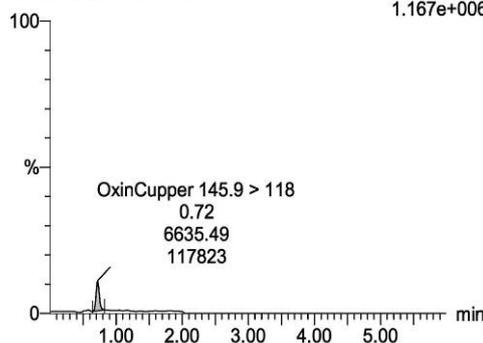
5 μ L/20 mL/0.2 L
 7月22日

Sample Name: 2016_0727_00026
 2016_0727_00026 MRM of 2 channels,ES+
 7/25 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



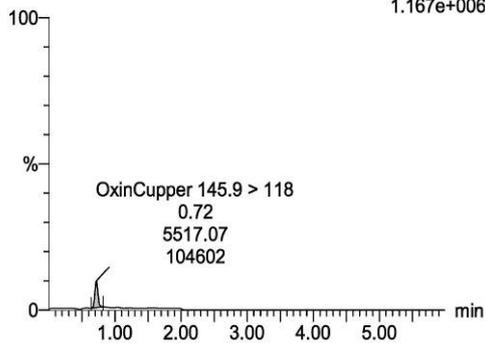
5 μ L/20 mL/0.2 L
 7月25日

Sample Name: 2016_0805_00012
 2016_0805_00012 MRM of 2 channels,ES+
 7/28 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



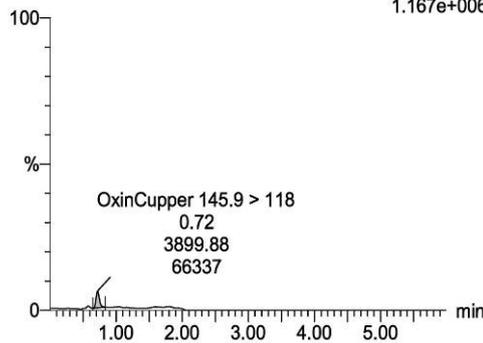
5 μ L/20 mL/0.2 L
 7月28日

Sample Name: 2016_0805_00026
 2016_0805_00026 MRM of 2 channels,ES+
 8/1 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L
 8月1日

Sample Name: 2016_0809_00012
 2016_0809_00012 MRM of 2 channels,ES+
 8/4 Aomori C-1[20mL] 145.911 > 117.97
 1.167e+006



5 μ L/20 mL/0.2 L
 8月4日

図 2-6-2 試料のクロマトグラム(オキシ銅 鶴寿橋)

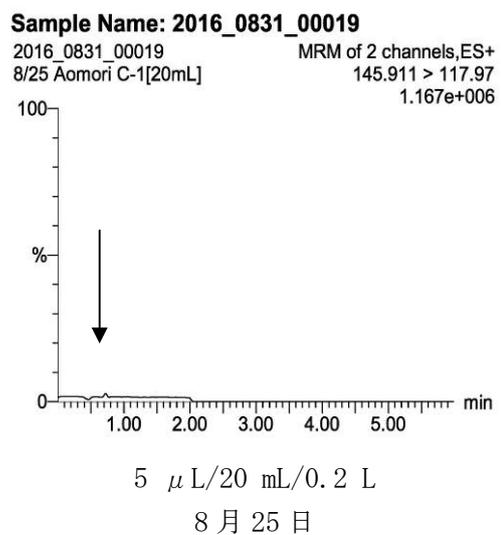
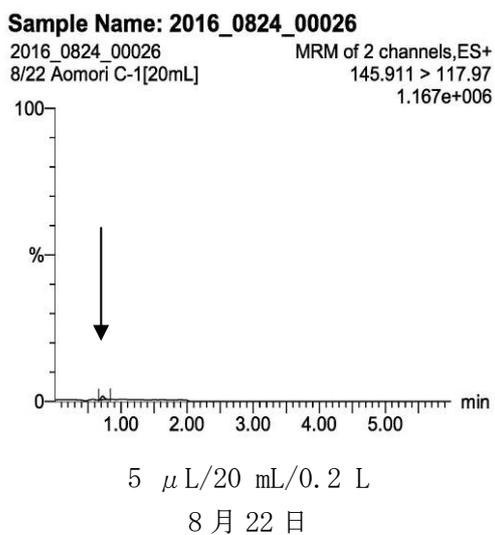
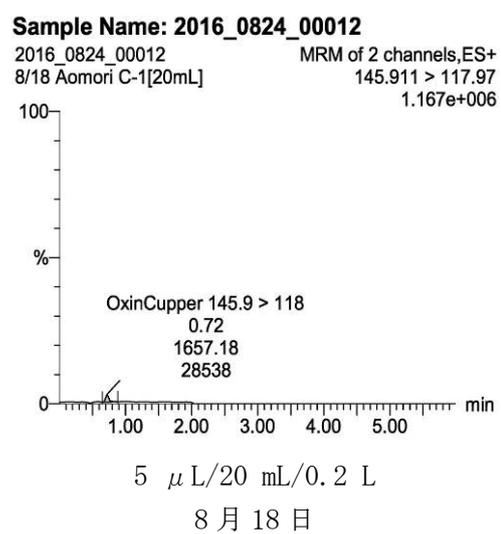
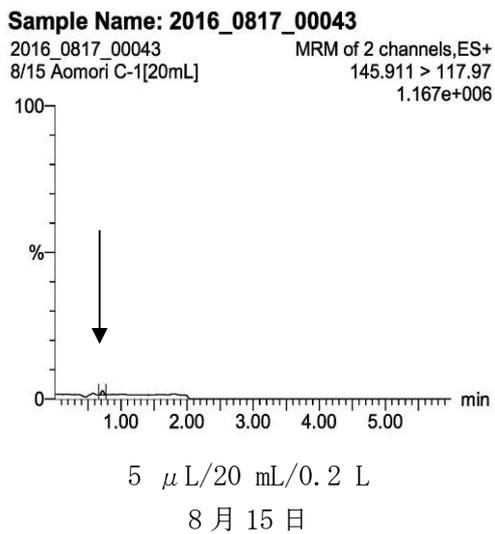
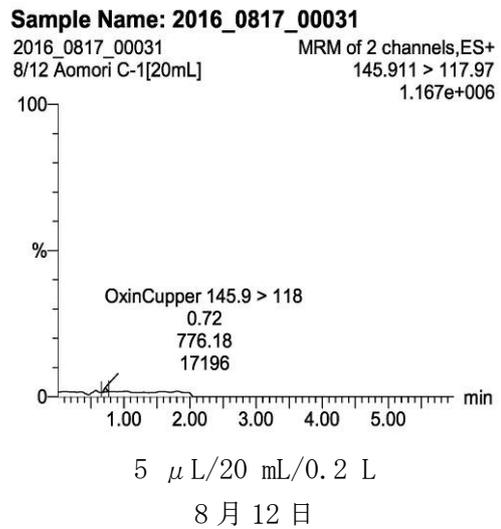
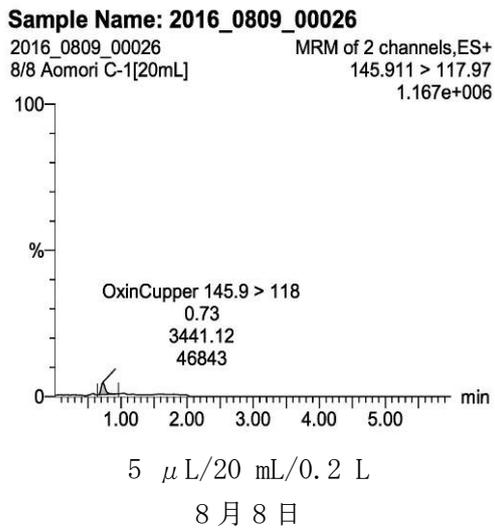
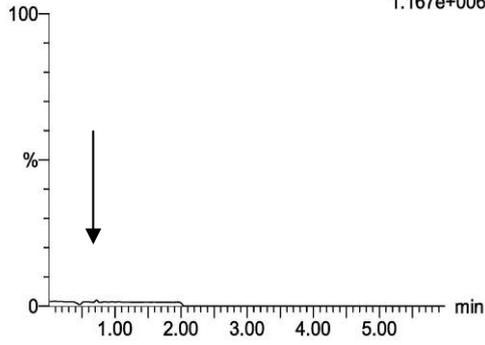


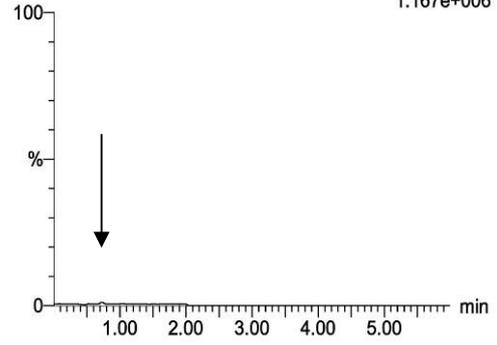
図 2-6-3 試料のクロマトグラム(オキシ銅 鶴寿橋)

Sample Name: 2016_0831_00033
2016_0831_00033 MRM of 2 channels,ES+
8/29 Aomori C-1[20mL] 145.911 > 117.97
1.167e+006



5 μ L/20 mL/0.2 L
8月29日

Sample Name: 2016_0909_00012
2016_0909_00012 MRM of 2 channels,ES+
9/1 Aomori C-1[20mL] 145.911 > 117.97
1.167e+006



5 μ L/20 mL/0.2 L
9月1日

図 2-6-4 試料のクロマトグラム(オキシシン銅 鶴寿橋)