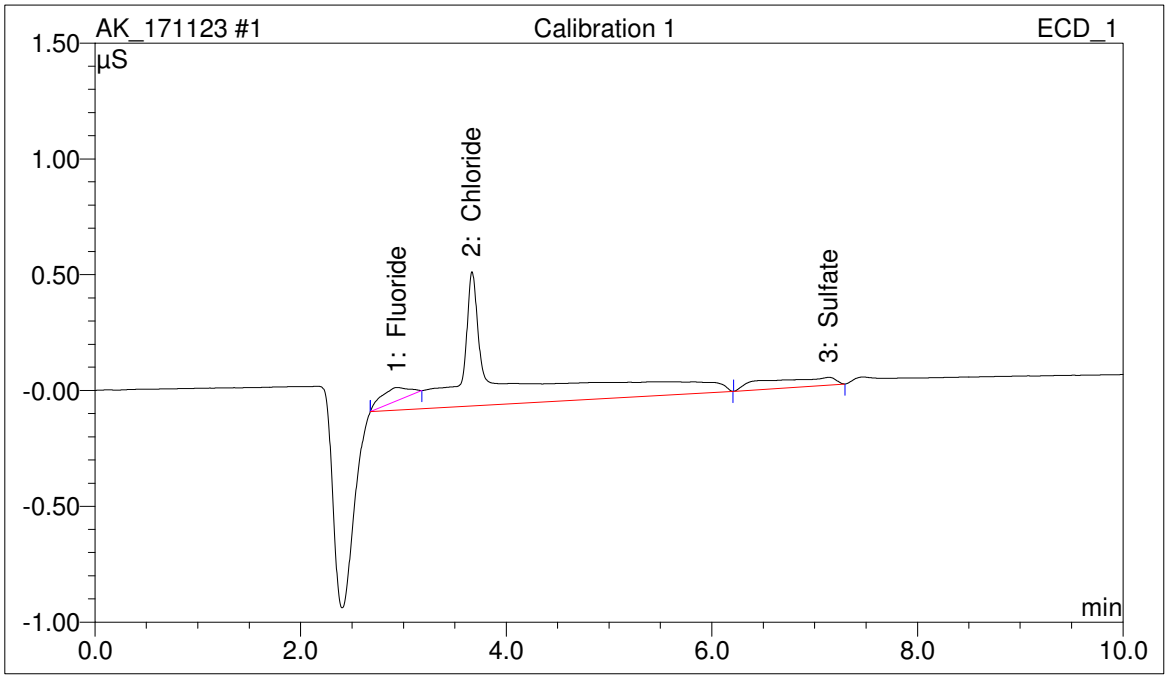
# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | Calibration 1 | **Sample No.:** | 1 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 8:19 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

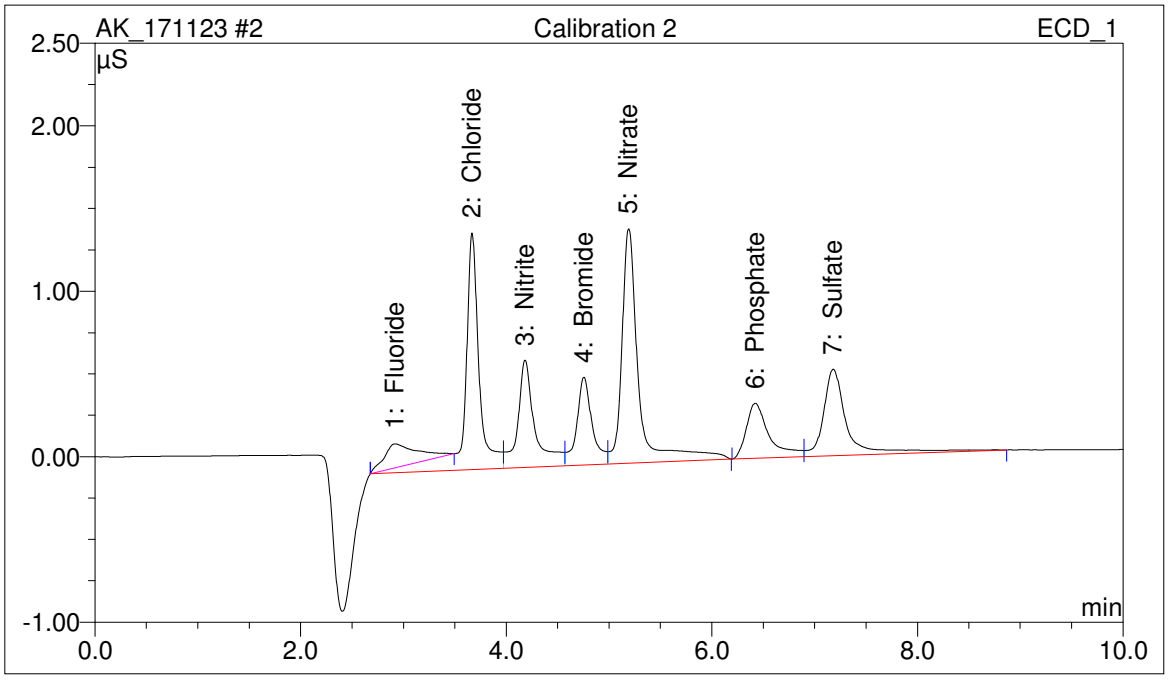
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.94 | 0.018 | 0.056 | 0.0000 | 0.00 |
| 2 | Chloride | 3.67 | 0.287 | 0.581 | 1.1730 | 78.32 |
| 3 | Sulfate | 7.14 | 0.031 | 0.033 | 0.3248 | 21.68 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | Calibration 2 | **Sample No.:** | 2 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 8:29 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

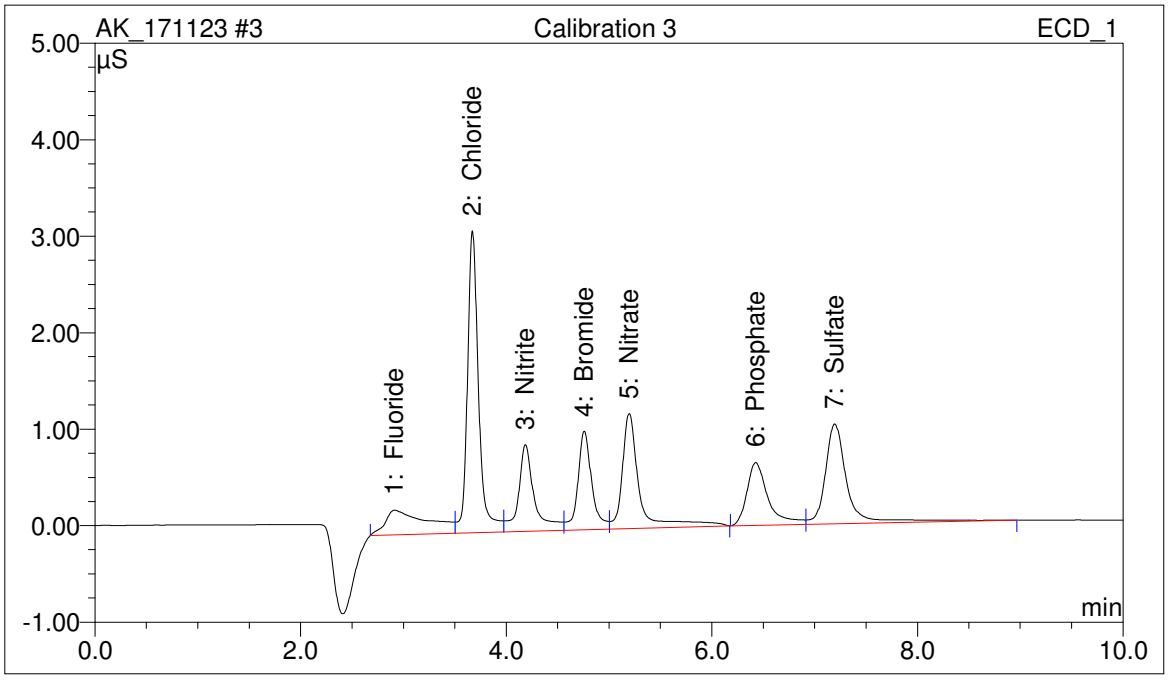
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.92 | 0.052 | 0.144 | 0.1304 | 1.30 |
| 2 | Chloride | 3.67 | 0.239 | 1.430 | 0.9254 | 9.21 |
| 3 | Nitrite | 4.18 | 0.126 | 0.648 | 1.6061 | 15.99 |
| 4 | Bromide | 4.76 | 0.093 | 0.530 | 1.2490 | 12.44 |
| 5 | Nitrate | 5.19 | 0.266 | 1.417 | 2.3042 | 22.94 |
| 6 | Phosphate | 6.42 | 0.085 | 0.332 | 2.7180 | 27.06 |
| 7 | Sulfate | 7.18 | 0.139 | 0.522 | 1.1100 | 11.05 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | Calibration 3 | **Sample No.:** | 3 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 8:40 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

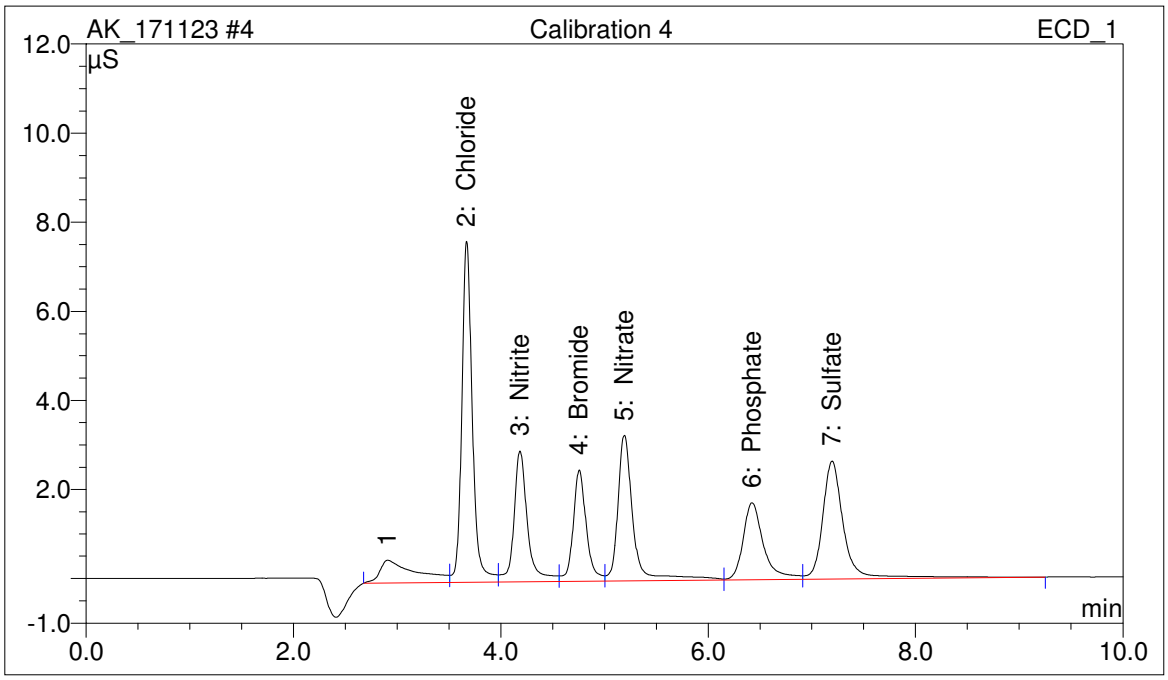
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.91 | 0.123 | 0.259 | 0.4000 | 2.79 |
| 2 | Chloride | 3.67 | 0.392 | 3.130 | 1.7179 | 11.98 |
| 3 | Nitrite | 4.19 | 0.163 | 0.899 | 1.9271 | 13.44 |
| 4 | Bromide | 4.76 | 0.162 | 1.022 | 2.1204 | 14.79 |
| 5 | Nitrate | 5.20 | 0.230 | 1.191 | 1.9910 | 13.88 |
| 6 | Phosphate | 6.43 | 0.156 | 0.652 | 4.2372 | 29.54 |
| 7 | Sulfate | 7.20 | 0.255 | 1.036 | 1.9480 | 13.58 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | Calibration 4 | **Sample No.:** | 4 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 8:50 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

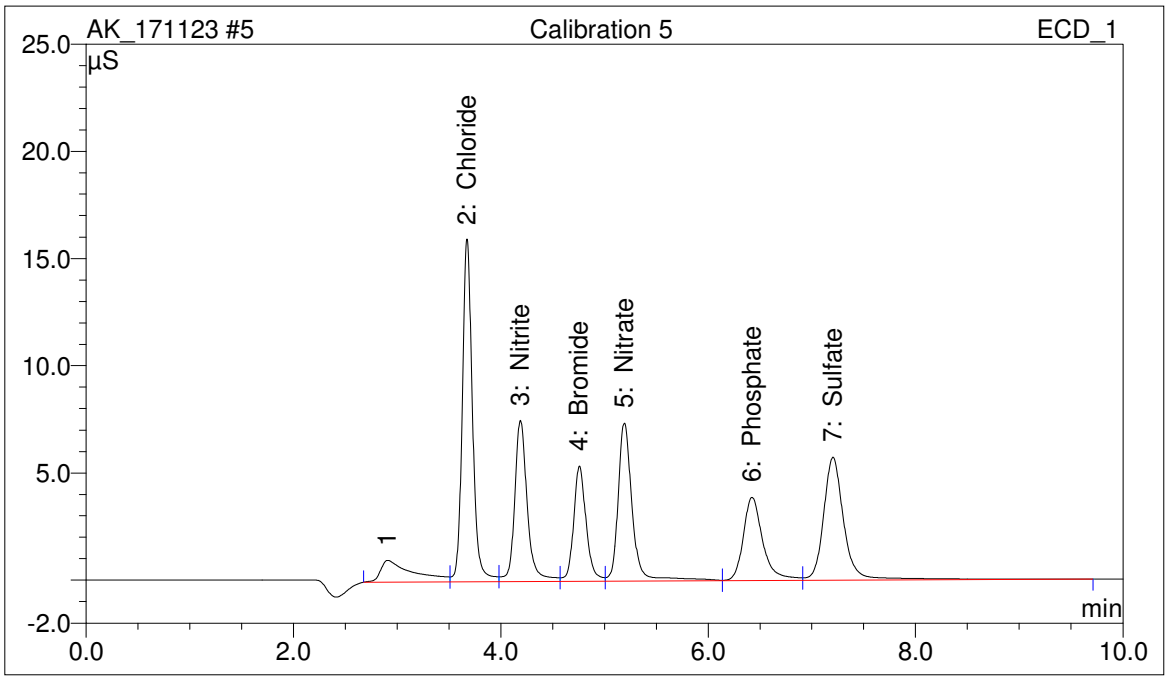
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 2 | Chloride | 3.67 | 0.903 | 7.659 | 4.3638 | 13.45 |
| 3 | Nitrite | 4.19 | 0.446 | 2.937 | 4.4235 | 13.64 |
| 4 | Bromide | 4.76 | 0.369 | 2.500 | 4.7482 | 14.64 |
| 5 | Nitrate | 5.19 | 0.561 | 3.270 | 4.8739 | 15.03 |
| 6 | Phosphate | 6.42 | 0.394 | 1.730 | 9.3639 | 28.87 |
| 7 | Sulfate | 7.19 | 0.629 | 2.649 | 4.6613 | 14.37 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | Calibration 5 | **Sample No.:** | 5 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 9:01 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

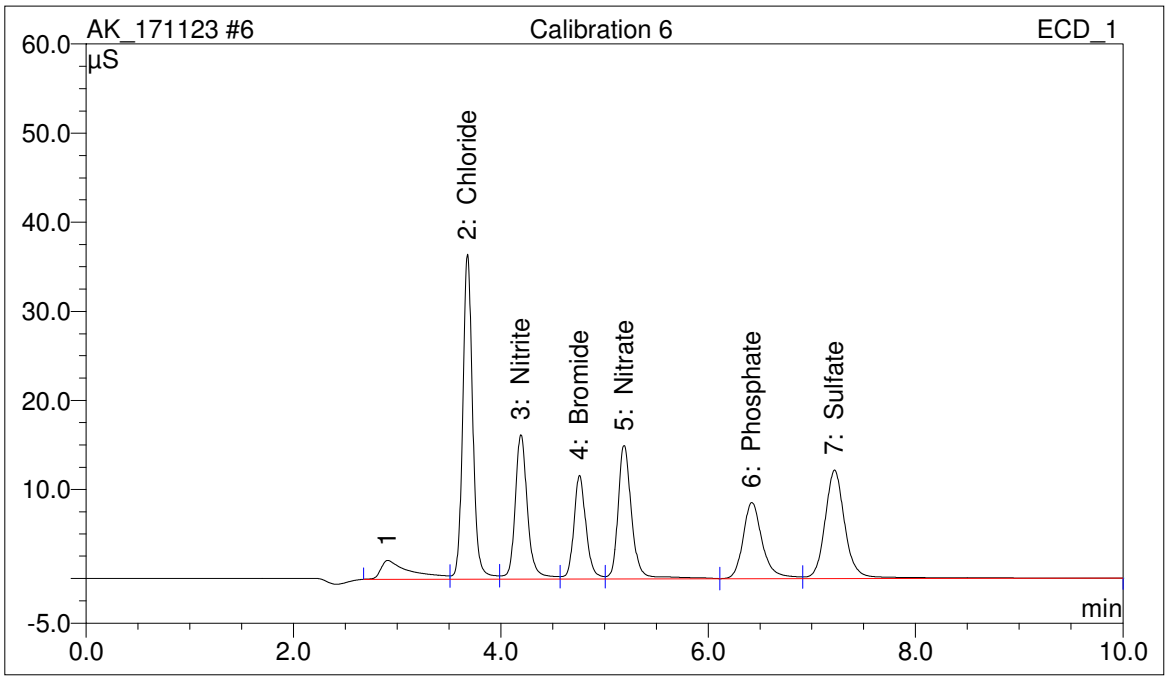
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 2 | Chloride | 3.68 | 1.820 | 15.976 | 9.1160 | 13.45 |
| 3 | Nitrite | 4.19 | 1.061 | 7.516 | 9.8443 | 14.53 |
| 4 | Bromide | 4.76 | 0.758 | 5.381 | 9.6879 | 14.30 |
| 5 | Nitrate | 5.19 | 1.172 | 7.369 | 10.2054 | 15.06 |
| 6 | Phosphate | 6.42 | 0.849 | 3.886 | 19.1629 | 28.28 |
| 7 | Sulfate | 7.20 | 1.329 | 5.741 | 9.7429 | 14.38 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | Calibration 6 | **Sample No.:** | 6 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 9:11 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

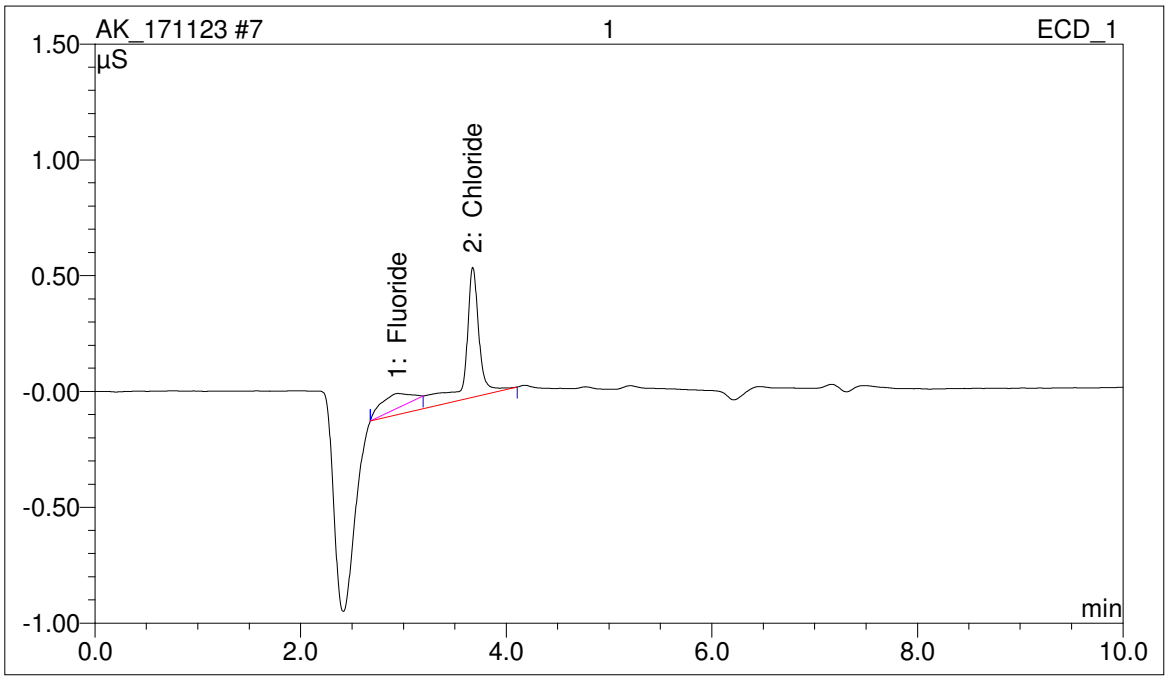
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 2 | Chloride | 3.68 | 4.043 | 36.477 | 20.6293 | 14.56 |
| 3 | Nitrite | 4.19 | 2.237 | 16.215 | 20.1989 | 14.26 |
| 4 | Bromide | 4.76 | 1.587 | 11.657 | 20.1945 | 14.25 |
| 5 | Nitrate | 5.19 | 2.287 | 14.985 | 19.9297 | 14.07 |
| 6 | Phosphate | 6.42 | 1.841 | 8.562 | 40.5179 | 28.60 |
| 7 | Sulfate | 7.22 | 2.771 | 12.208 | 20.2129 | 14.27 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 1 | **Sample No.:** | 7 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 9:22 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

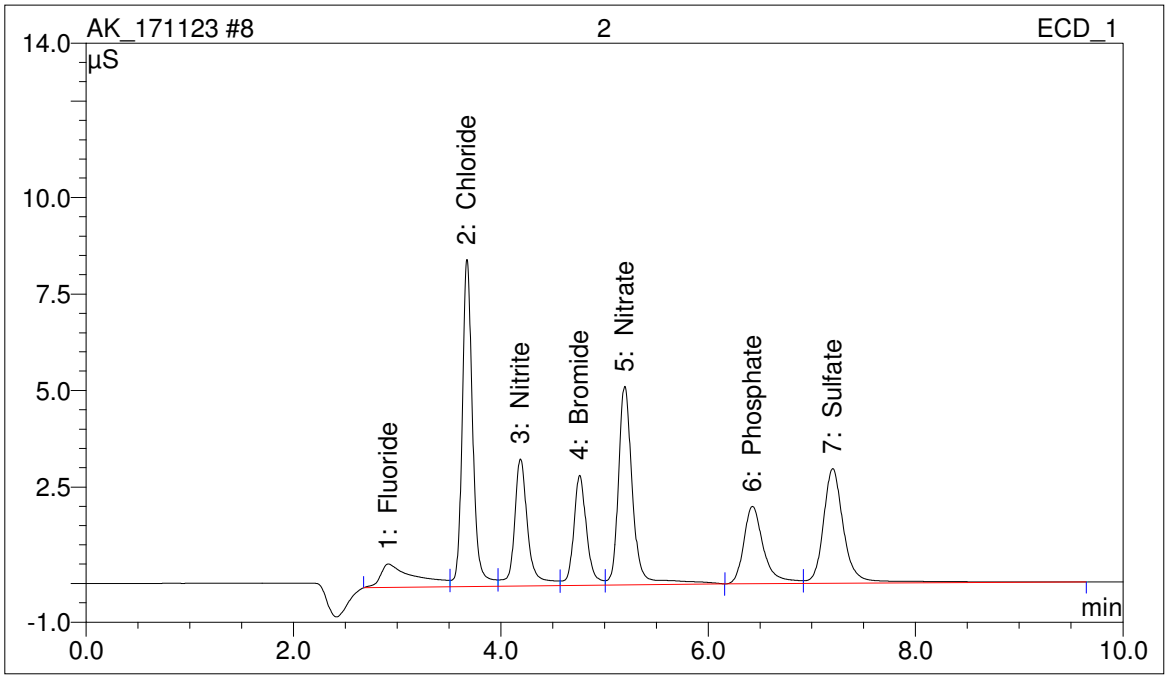
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.95 | 0.021 | 0.061 | 0.0106 | 4.74 |
| 2 | Chloride | 3.68 | 0.102 | 0.561 | 0.2128 | 95.26 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 2 | **Sample No.:** | 8 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 9:32 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

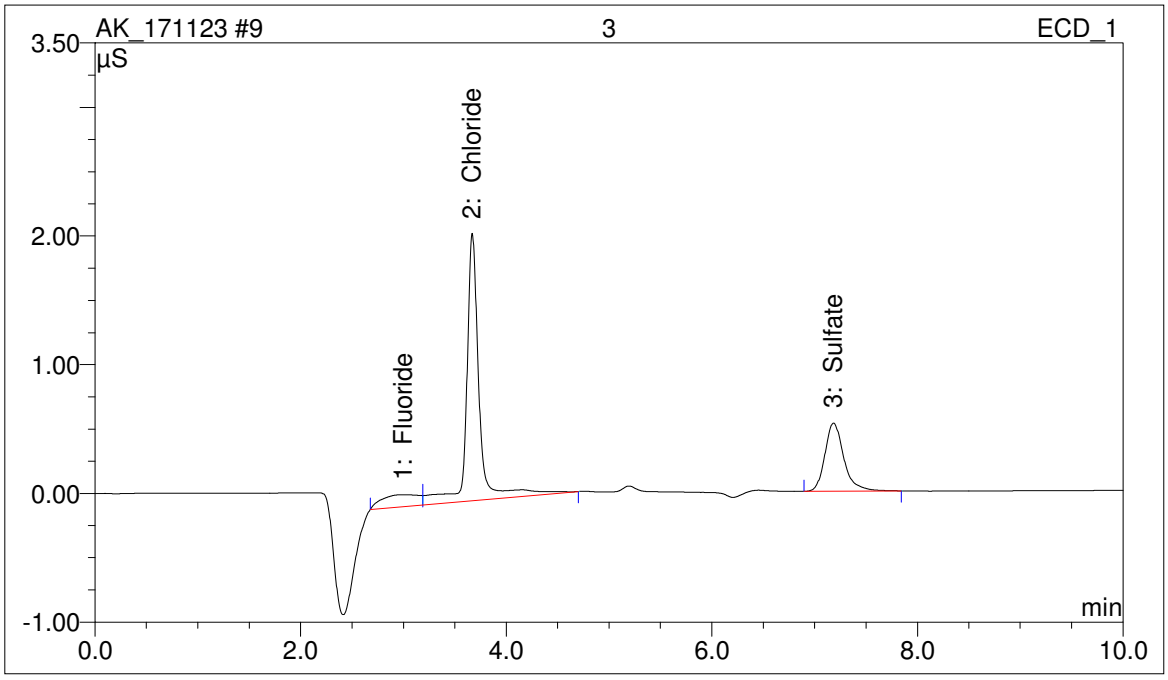
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.92 | 0.235 | 0.609 | 0.8326 | 2.16 |
| 2 | Chloride | 3.67 | 0.991 | 8.478 | 4.8191 | 12.48 |
| 3 | Nitrite | 4.19 | 0.496 | 3.300 | 4.8594 | 12.58 |
| 4 | Bromide | 4.76 | 0.414 | 2.860 | 5.3241 | 13.79 |
| 5 | Nitrate | 5.19 | 0.825 | 5.148 | 7.1792 | 18.59 |
| 6 | Phosphate | 6.43 | 0.443 | 2.007 | 10.4223 | 26.99 |
| 7 | Sulfate | 7.20 | 0.700 | 2.978 | 5.1781 | 13.41 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 3 | **Sample No.:** | 9 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 9:43 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

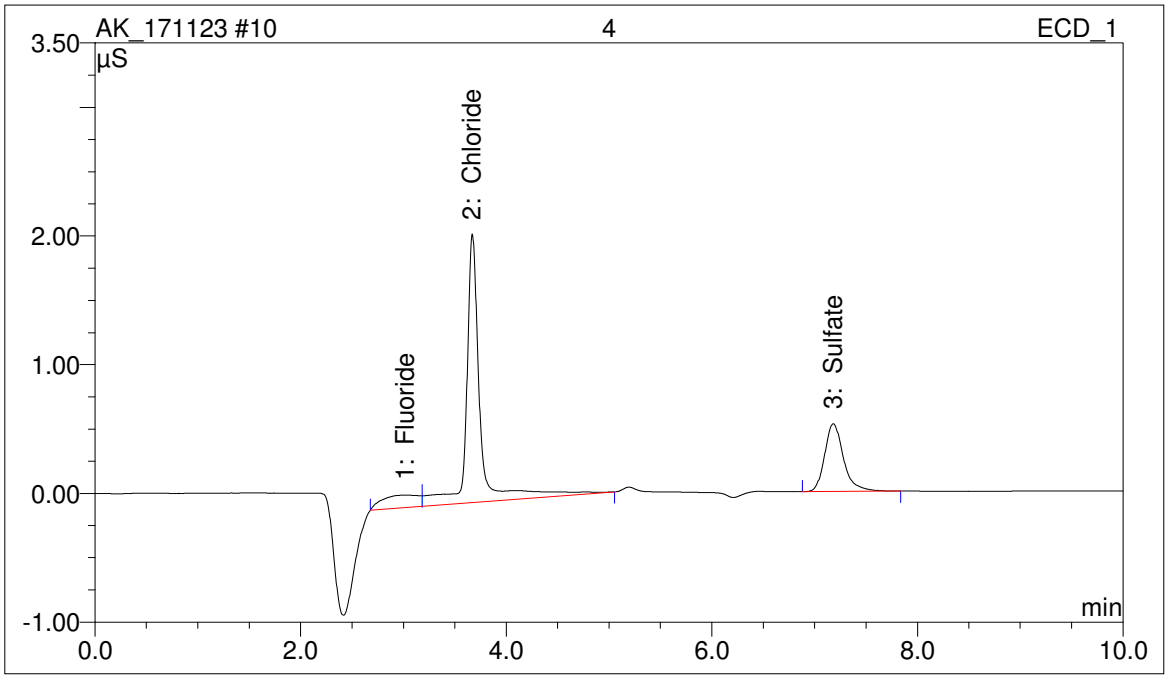
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 3.00 | 0.039 | 0.091 | 0.0784 | 3.54 |
| 2 | Chloride | 3.67 | 0.297 | 2.077 | 1.2211 | 55.13 |
| 3 | Sulfate | 7.18 | 0.112 | 0.529 | 0.9155 | 41.33 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 4 | **Sample No.:** | 10 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 9:53 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

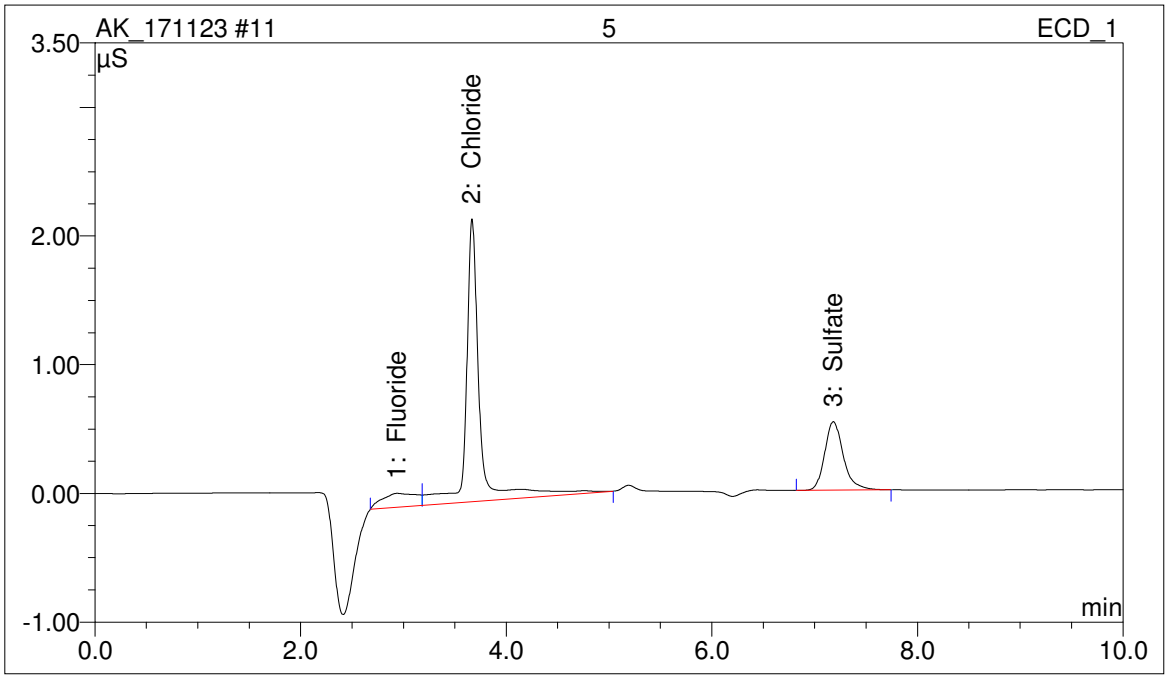
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 3.02 | 0.041 | 0.097 | 0.0862 | 3.67 |
| 2 | Chloride | 3.67 | 0.322 | 2.086 | 1.3549 | 57.65 |
| 3 | Sulfate | 7.18 | 0.112 | 0.526 | 0.9091 | 38.68 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 5 | **Sample No.:** | 11 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 10:04 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

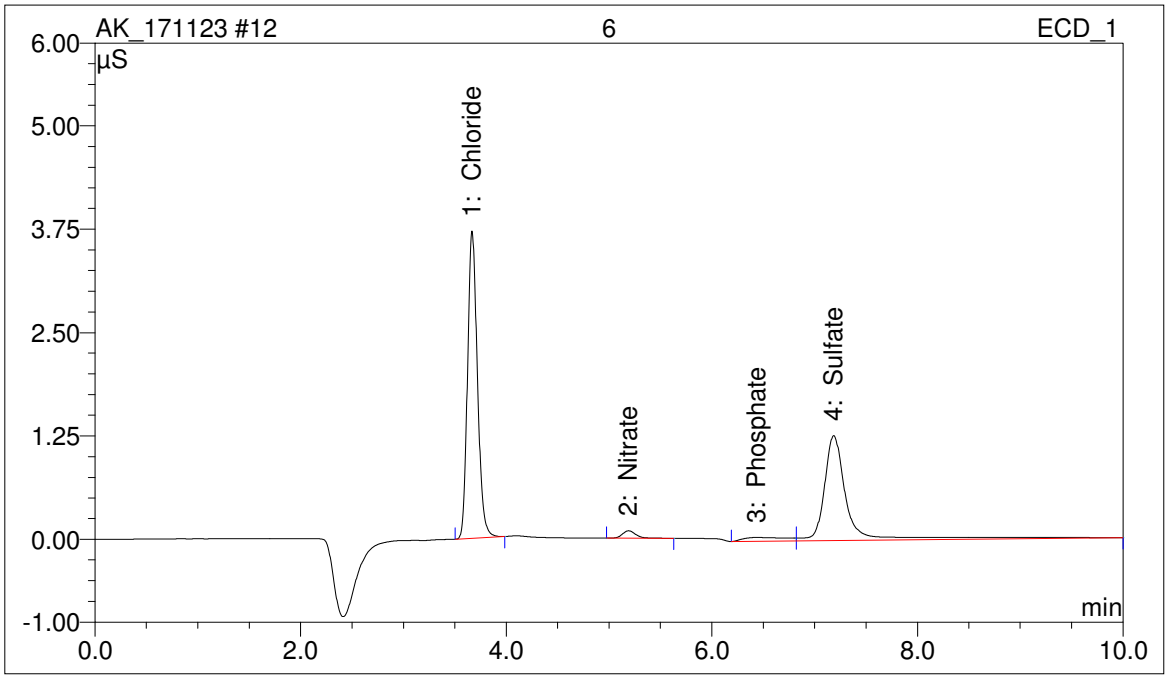
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.94 | 0.041 | 0.108 | 0.0879 | 3.65 |
| 2 | Chloride | 3.67 | 0.333 | 2.197 | 1.4124 | 58.55 |
| 3 | Sulfate | 7.18 | 0.112 | 0.532 | 0.9121 | 37.81 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 6 | **Sample No.:** | 12 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 10:15 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

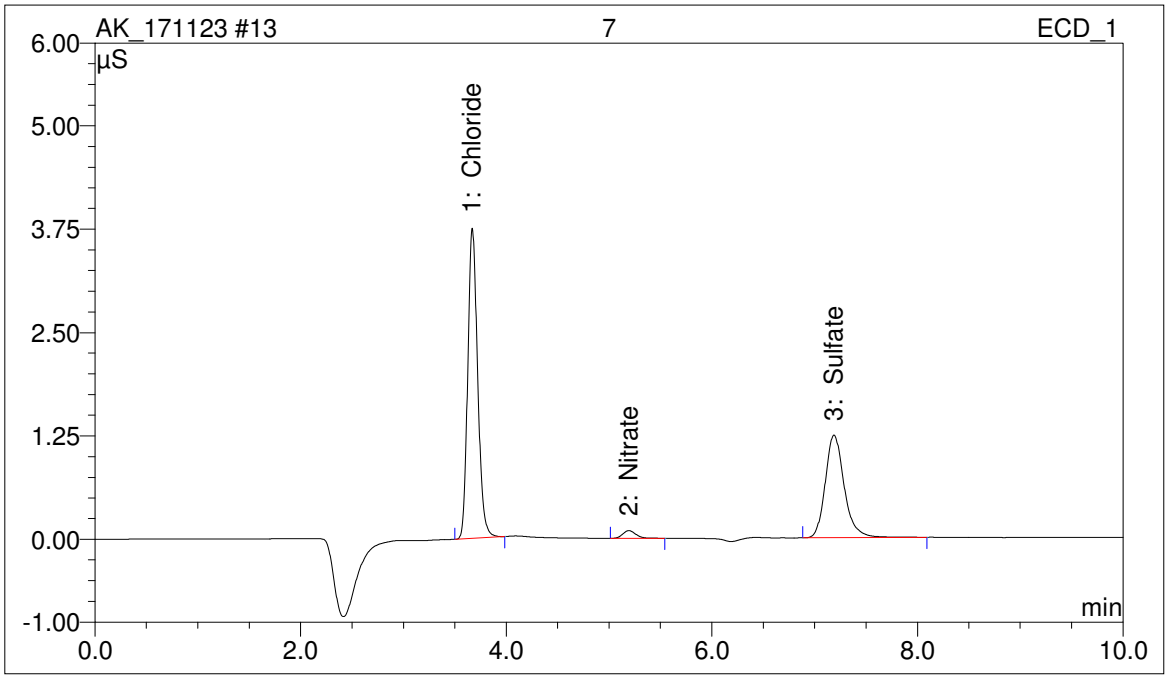
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Chloride | 3.67 | 0.412 | 3.715 | 1.8205 | 31.61 |
| 2 | Nitrate | 5.19 | 0.013 | 0.089 | 0.0995 | 1.73 |
| 3 | Phosphate | 6.44 | 0.022 | 0.046 | 1.3557 | 23.54 |
| 4 | Sulfate | 7.19 | 0.328 | 1.269 | 2.4833 | 43.12 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 7 | **Sample No.:** | 13 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 10:25 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

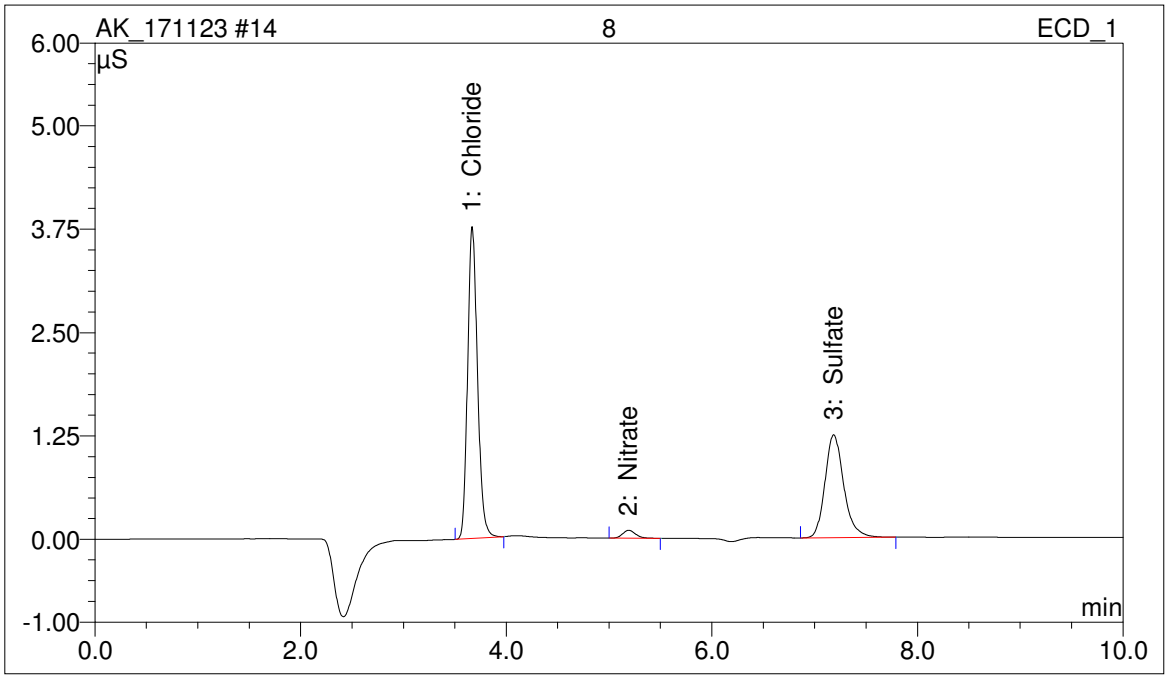
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Chloride | 3.67 | 0.416 | 3.753 | 1.8407 | 46.32 |
| 2 | Nitrate | 5.19 | 0.014 | 0.092 | 0.1027 | 2.58 |
| 3 | Sulfate | 7.19 | 0.266 | 1.244 | 2.0301 | 51.09 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 8 | **Sample No.:** | 14 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 10:35 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

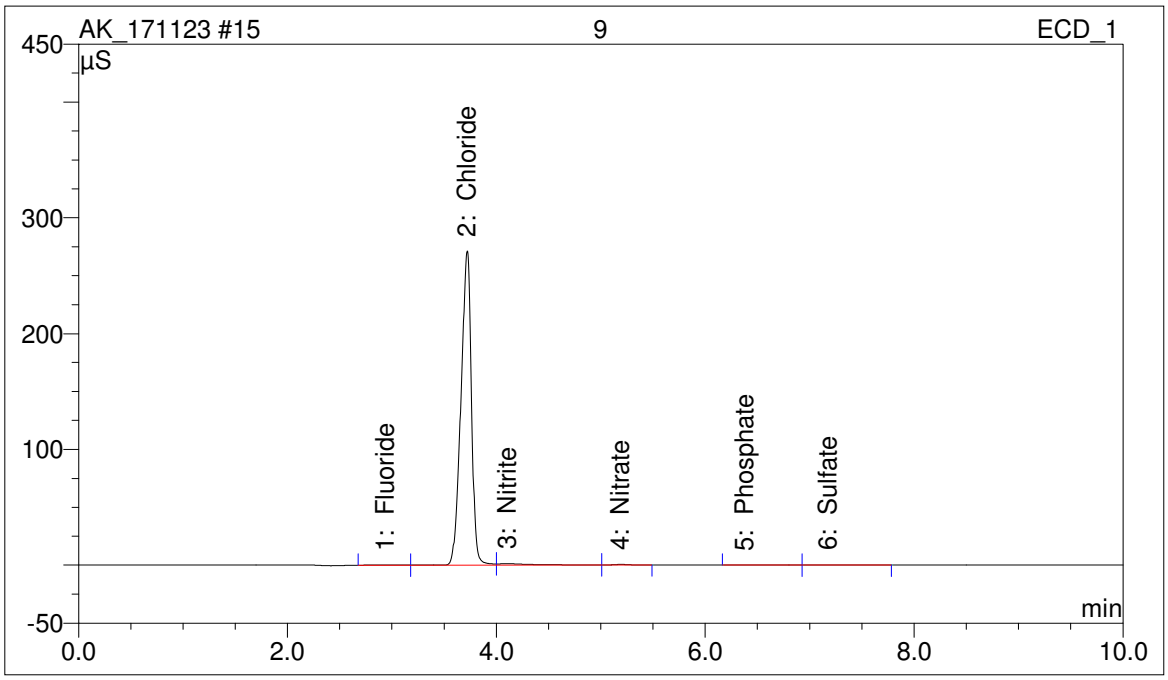
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Chloride | 3.67 | 0.419 | 3.770 | 1.8551 | 46.64 |
| 2 | Nitrate | 5.19 | 0.014 | 0.094 | 0.1038 | 2.61 |
| 3 | Sulfate | 7.19 | 0.264 | 1.246 | 2.0185 | 50.75 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 9 | **Sample No.:** | 15 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 10:46 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

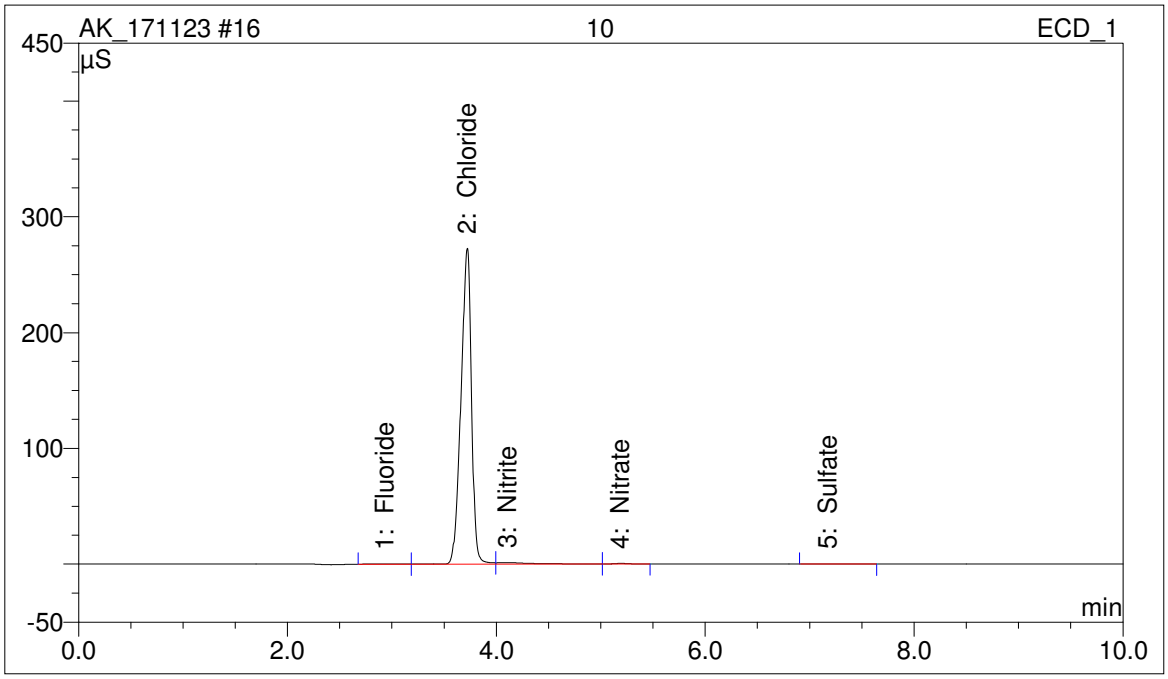
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.94 | 0.022 | 0.060 | 0.0138 | 0.01 |
| 2 | Chloride | 3.72 | 31.548 | 271.265 | 163.1286 | 96.34 |
| 3 | Nitrite | 4.11 | 0.409 | 1.169 | 4.0999 | 2.42 |
| 4 | Nitrate | 5.19 | 0.070 | 0.483 | 0.5939 | 0.35 |
| 5 | Phosphate | 6.38 | 0.016 | 0.033 | 1.2154 | 0.72 |
| 6 | Sulfate | 7.18 | 0.025 | 0.101 | 0.2816 | 0.17 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 10 | **Sample No.:** | 16 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 10:56 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

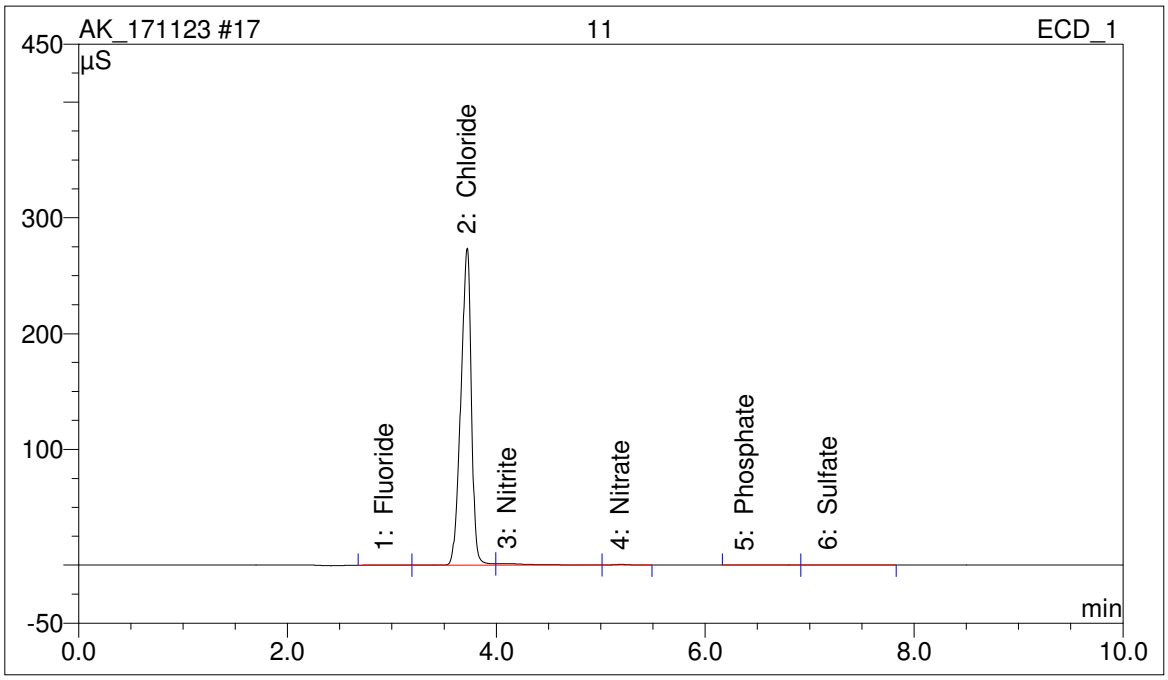
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.93 | 0.024 | 0.067 | 0.0223 | 0.01 |
| 2 | Chloride | 3.72 | 31.760 | 272.743 | 164.2279 | 96.90 |
| 3 | Nitrite | 4.11 | 0.443 | 1.269 | 4.3992 | 2.60 |
| 4 | Nitrate | 5.19 | 0.070 | 0.488 | 0.5966 | 0.35 |
| 5 | Sulfate | 7.18 | 0.018 | 0.087 | 0.2289 | 0.14 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 11 | **Sample No.:** | 17 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 11:07 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

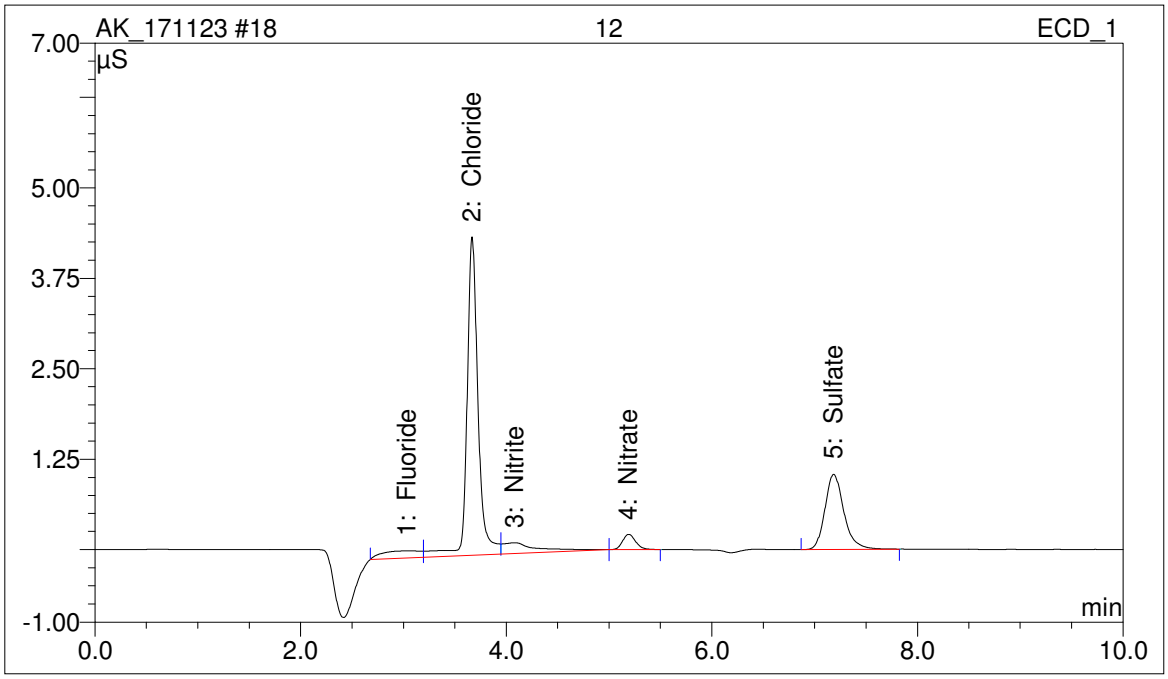
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.93 | 0.027 | 0.080 | 0.0311 | 0.02 |
| 2 | Chloride | 3.72 | 31.877 | 273.728 | 164.8313 | 96.19 |
| 3 | Nitrite | 4.11 | 0.441 | 1.281 | 4.3752 | 2.55 |
| 4 | Nitrate | 5.19 | 0.071 | 0.489 | 0.6002 | 0.35 |
| 5 | Phosphate | 6.38 | 0.017 | 0.035 | 1.2377 | 0.72 |
| 6 | Sulfate | 7.18 | 0.025 | 0.098 | 0.2808 | 0.16 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 12 | **Sample No.:** | 18 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 11:17 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

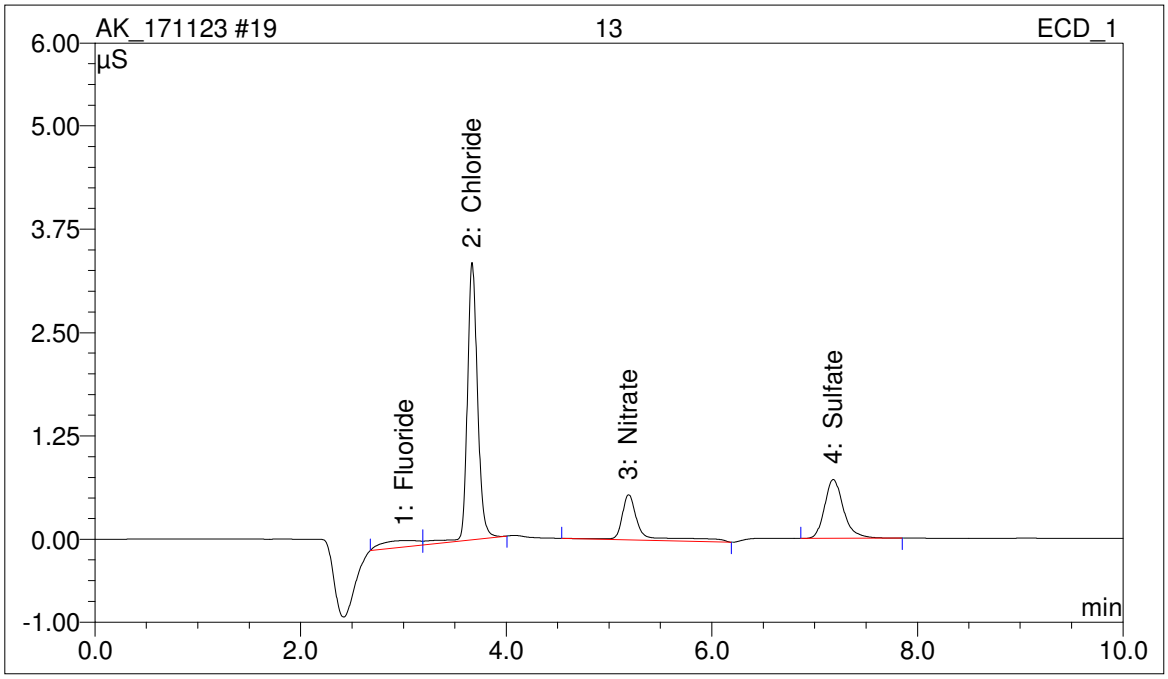
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 3.04 | 0.043 | 0.096 | 0.0926 | 1.66 |
| 2 | Chloride | 3.67 | 0.549 | 4.399 | 2.5310 | 45.29 |
| 3 | Nitrite | 4.08 | 0.059 | 0.148 | 1.0088 | 18.05 |
| 4 | Nitrate | 5.19 | 0.031 | 0.210 | 0.2519 | 4.51 |
| 5 | Sulfate | 7.19 | 0.221 | 1.040 | 1.7045 | 30.50 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 13 | **Sample No.:** | 19 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 11:28 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

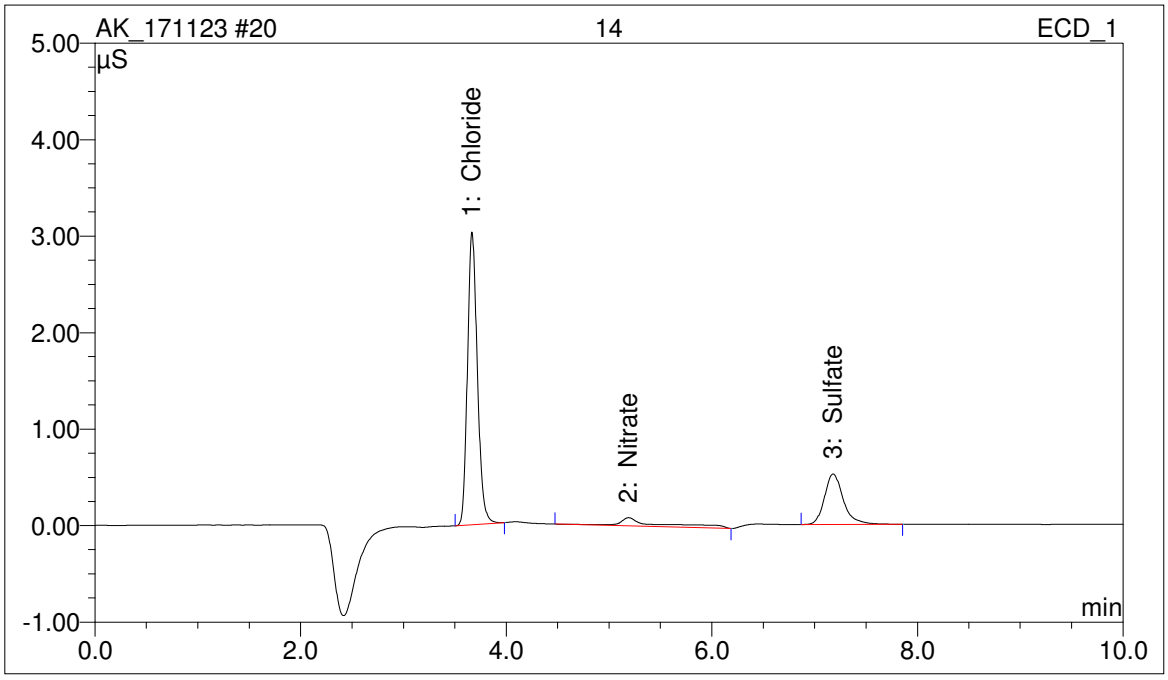
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 3.01 | 0.033 | 0.075 | 0.0566 | 1.45 |
| 2 | Chloride | 3.67 | 0.387 | 3.355 | 1.6905 | 43.33 |
| 3 | Nitrate | 5.19 | 0.111 | 0.550 | 0.9509 | 24.37 |
| 4 | Sulfate | 7.18 | 0.152 | 0.715 | 1.2032 | 30.84 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 14 | **Sample No.:** | 20 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 11:39 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

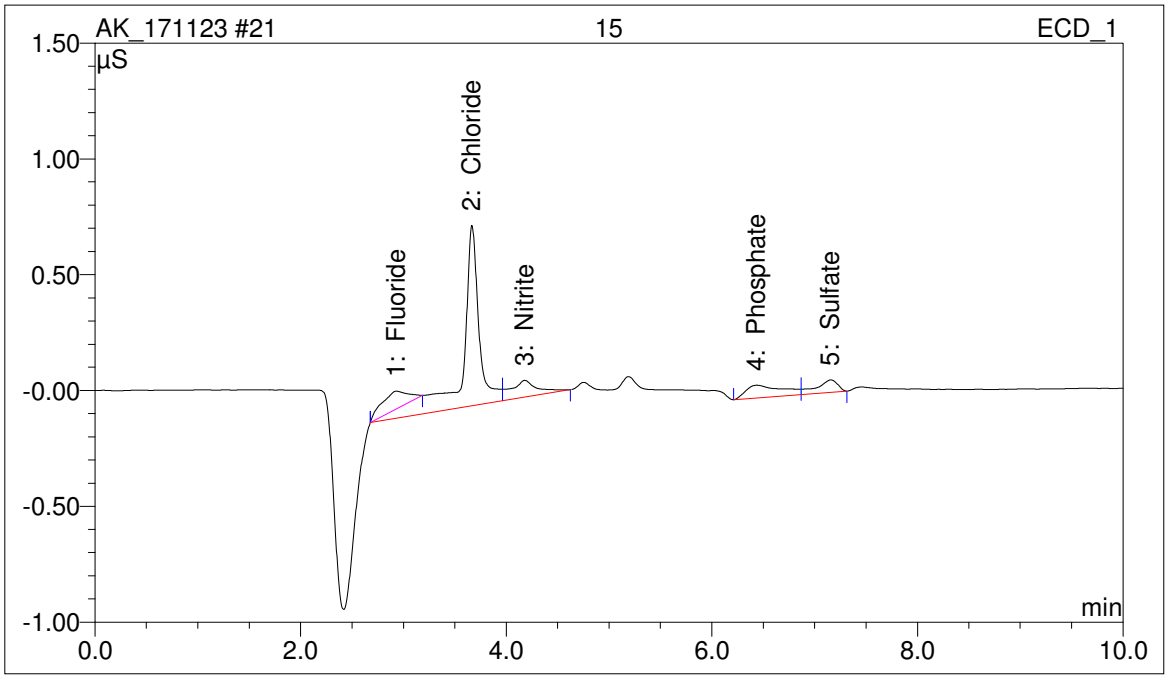
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Chloride | 3.67 | 0.337 | 3.035 | 1.4324 | 54.02 |
| 2 | Nitrate | 5.19 | 0.037 | 0.085 | 0.3102 | 11.70 |
| 3 | Sulfate | 7.18 | 0.112 | 0.525 | 0.9089 | 34.28 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 15 | **Sample No.:** | 21 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 11:49 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

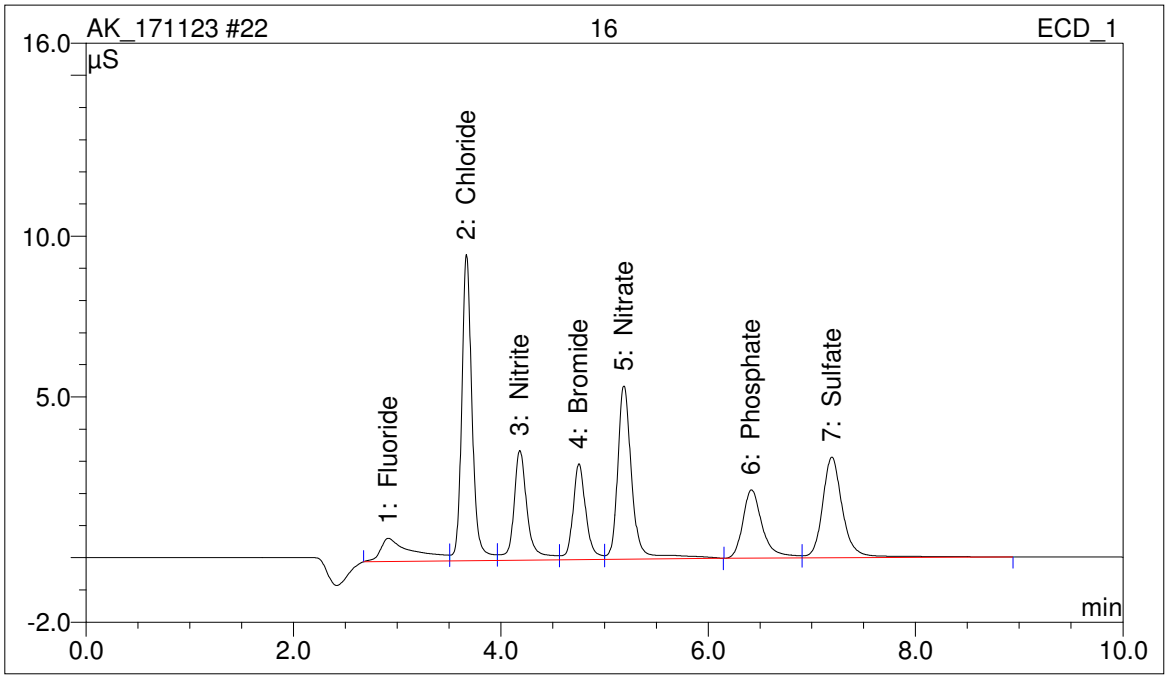
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.93 | 0.023 | 0.076 | 0.0192 | 0.70 |
| 2 | Chloride | 3.67 | 0.153 | 0.780 | 0.4759 | 17.48 |
| 3 | Nitrite | 4.18 | 0.022 | 0.072 | 0.6838 | 25.12 |
| 4 | Phosphate | 6.44 | 0.022 | 0.055 | 1.3498 | 49.58 |
| 5 | Sulfate | 7.16 | 0.013 | 0.054 | 0.1935 | 7.11 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 16 | **Sample No.:** | 22 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 11:59 AM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

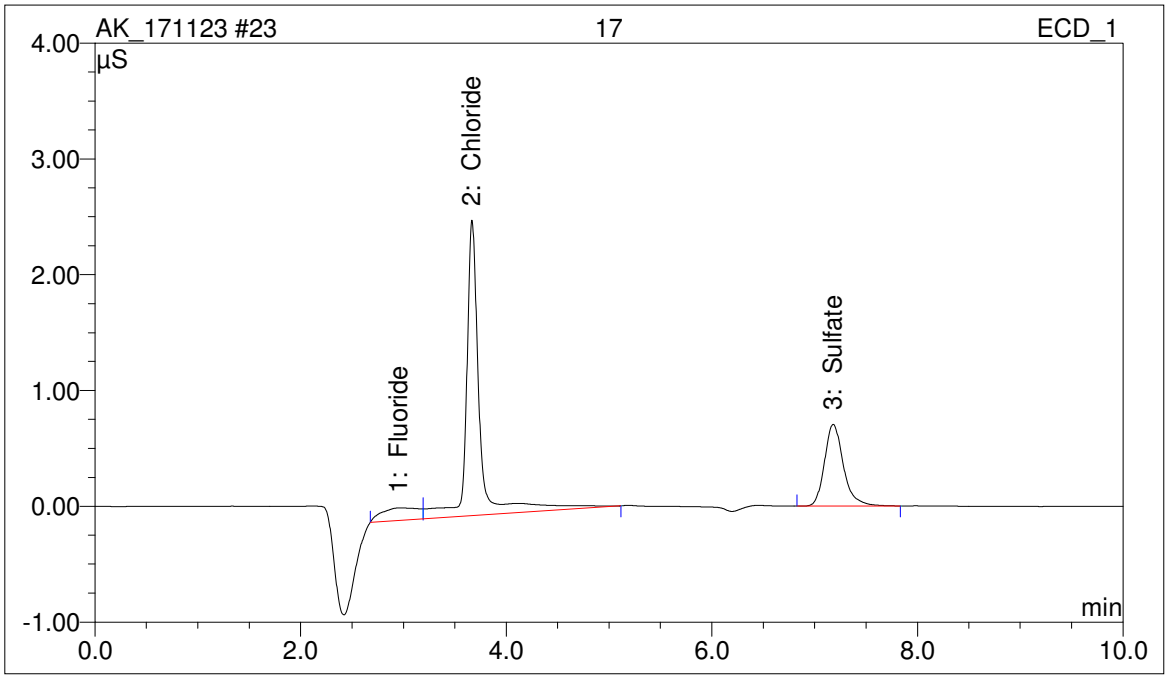
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.92 | 0.261 | 0.722 | 0.9293 | 2.28 |
| 2 | Chloride | 3.67 | 1.104 | 9.523 | 5.4046 | 13.28 |
| 3 | Nitrite | 4.18 | 0.519 | 3.419 | 5.0675 | 12.45 |
| 4 | Bromide | 4.75 | 0.432 | 2.991 | 5.5528 | 13.65 |
| 5 | Nitrate | 5.19 | 0.863 | 5.388 | 7.5087 | 18.45 |
| 6 | Phosphate | 6.42 | 0.467 | 2.130 | 10.9362 | 26.87 |
| 7 | Sulfate | 7.19 | 0.716 | 3.134 | 5.2942 | 13.01 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 17 | **Sample No.:** | 23 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 12:10 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

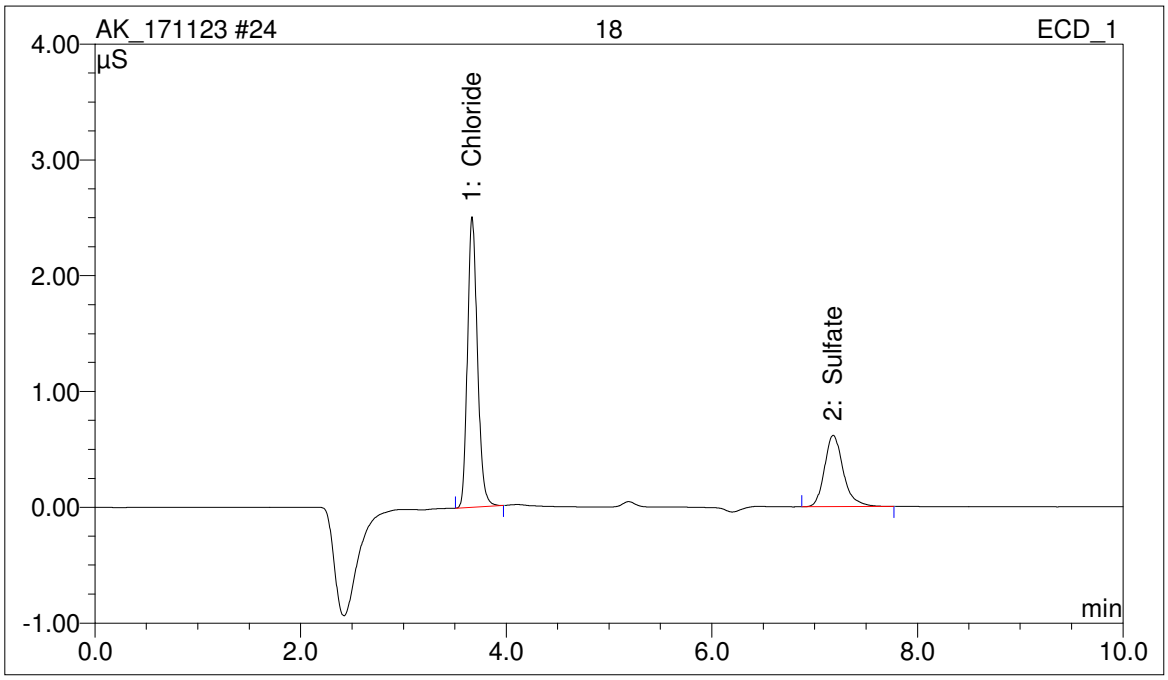
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.96 | 0.045 | 0.109 | 0.1021 | 3.44 |
| 2 | Chloride | 3.67 | 0.385 | 2.550 | 1.6804 | 56.56 |
| 3 | Sulfate | 7.18 | 0.150 | 0.704 | 1.1883 | 40.00 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 18 | **Sample No.:** | 24 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 12:41 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

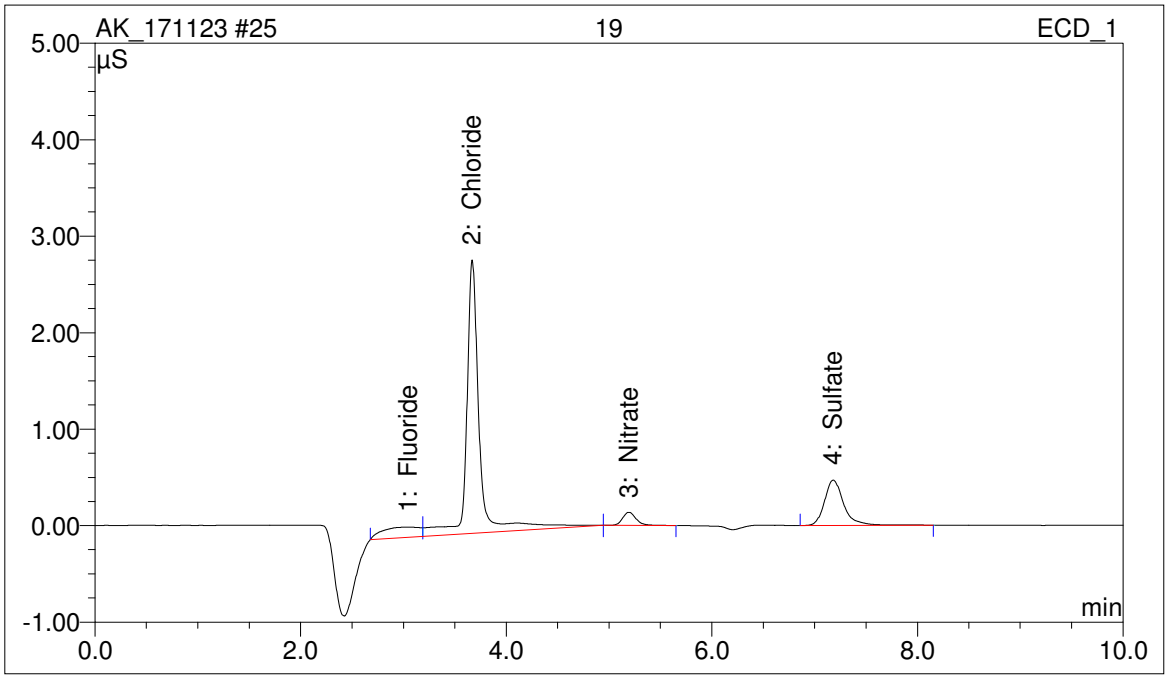
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Chloride | 3.67 | 0.281 | 2.506 | 1.1407 | 52.14 |
| 2 | Sulfate | 7.18 | 0.131 | 0.616 | 1.0471 | 47.86 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 19 | **Sample No.:** | 25 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 12:52 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

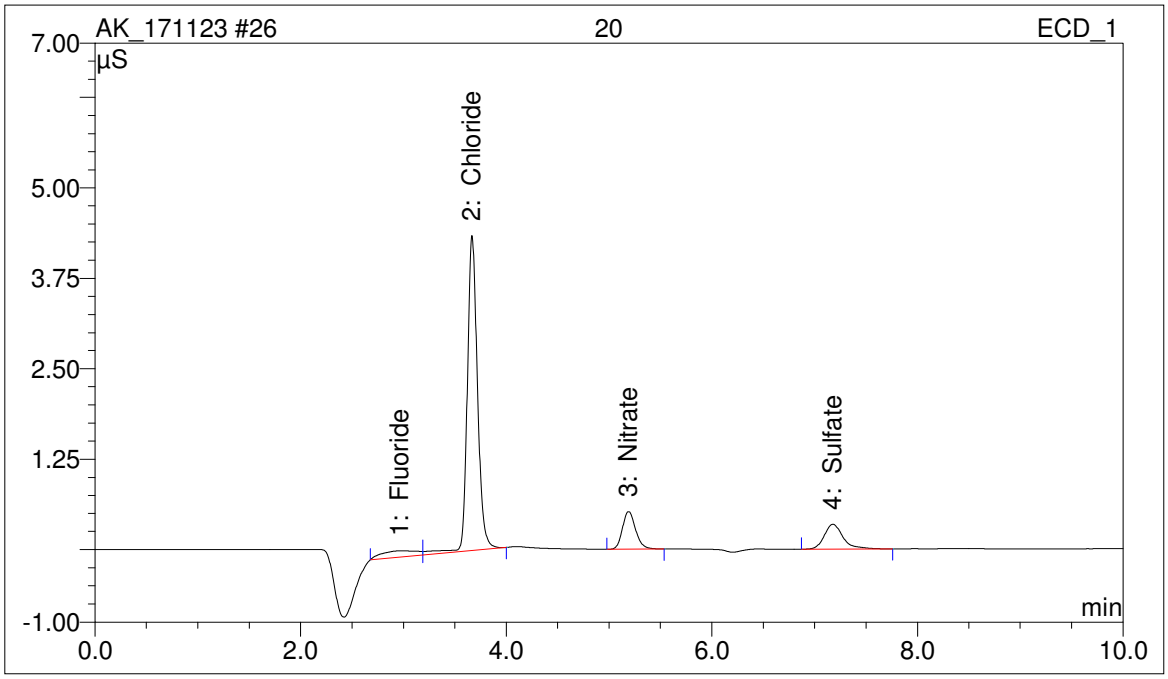
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 3.05 | 0.045 | 0.104 | 0.1020 | 3.50 |
| 2 | Chloride | 3.67 | 0.411 | 2.835 | 1.8122 | 62.13 |
| 3 | Nitrate | 5.19 | 0.020 | 0.135 | 0.1615 | 5.54 |
| 4 | Sulfate | 7.18 | 0.102 | 0.472 | 0.8412 | 28.84 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 20 | **Sample No.:** | 26 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 1:02 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

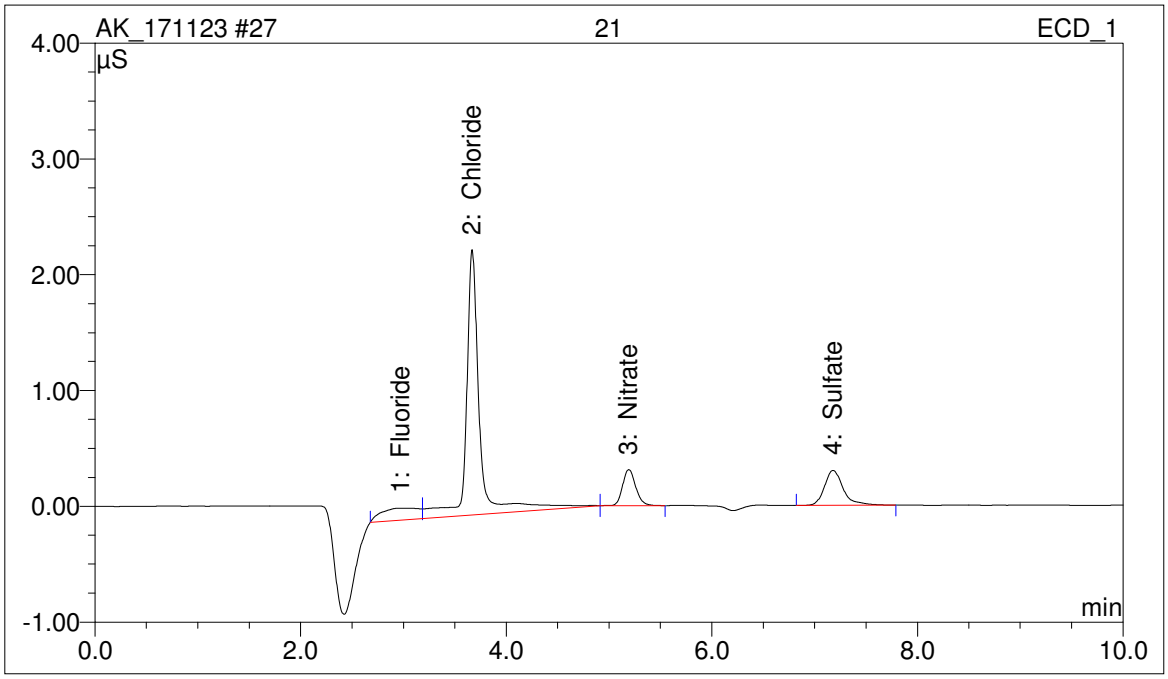
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.96 | 0.035 | 0.087 | 0.0640 | 1.77 |
| 2 | Chloride | 3.67 | 0.501 | 4.352 | 2.2786 | 62.99 |
| 3 | Nitrate | 5.19 | 0.076 | 0.517 | 0.6475 | 17.90 |
| 4 | Sulfate | 7.18 | 0.073 | 0.343 | 0.6272 | 17.34 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 21 | **Sample No.:** | 27 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 1:13 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

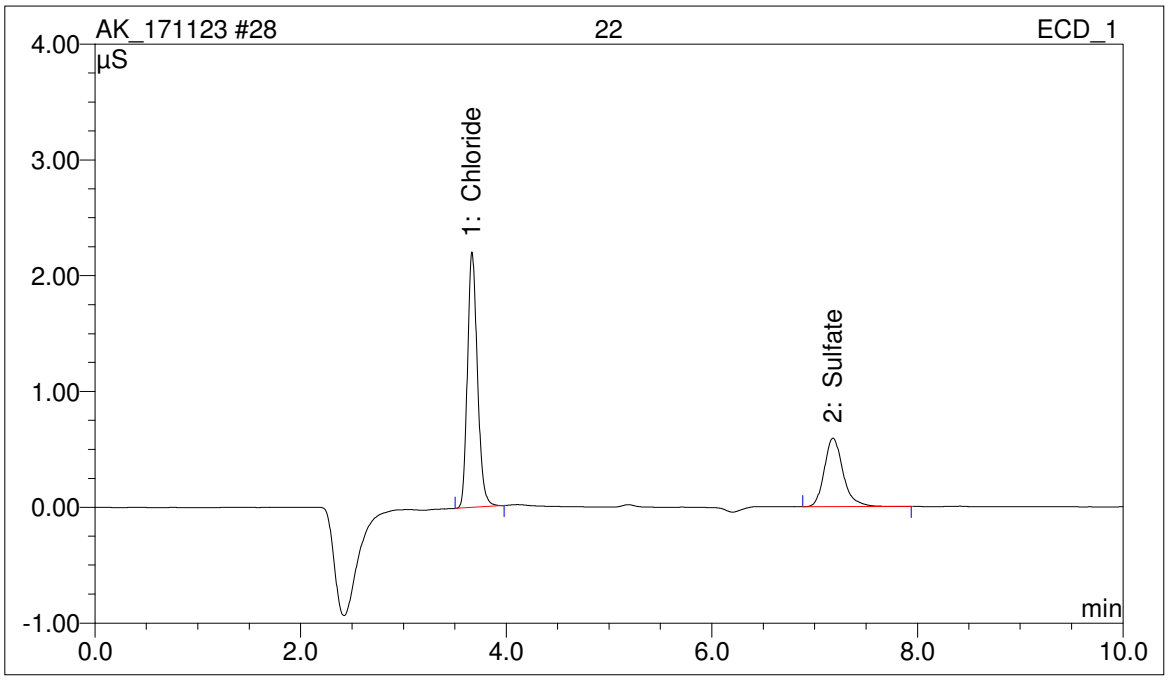
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.97 | 0.044 | 0.105 | 0.0976 | 3.89 |
| 2 | Chloride | 3.67 | 0.345 | 2.290 | 1.4706 | 58.63 |
| 3 | Nitrate | 5.19 | 0.045 | 0.309 | 0.3800 | 15.15 |
| 4 | Sulfate | 7.18 | 0.064 | 0.301 | 0.5602 | 22.33 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 22 | **Sample No.:** | 28 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 1:23 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

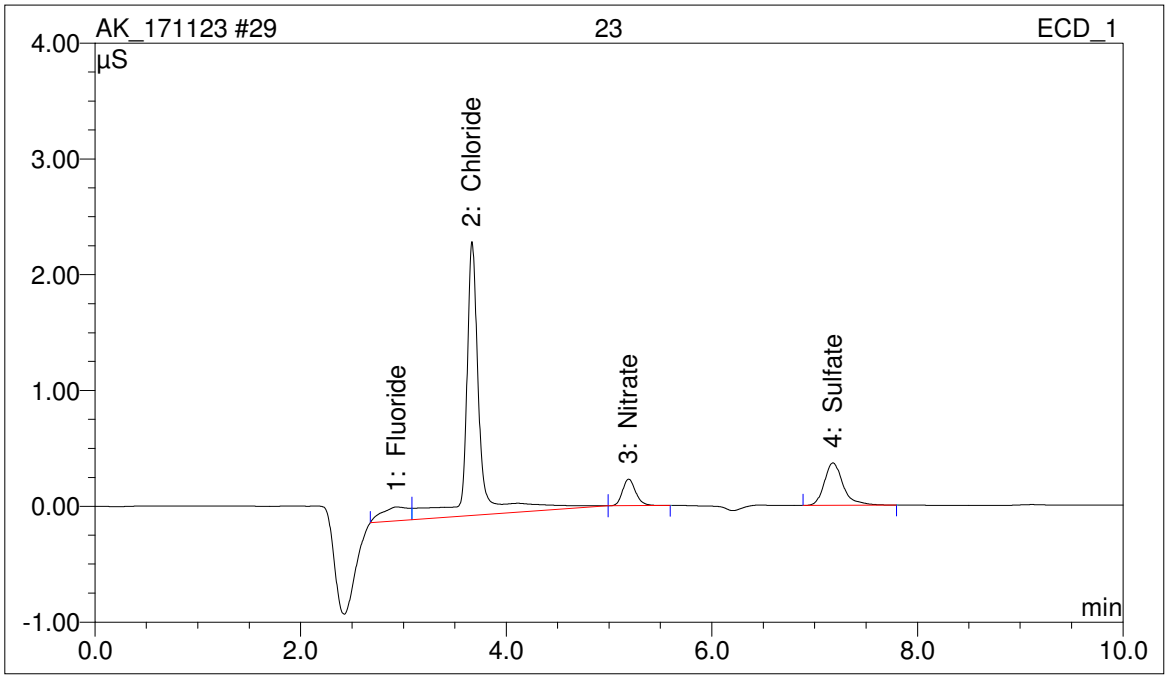
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Chloride | 3.67 | 0.248 | 2.206 | 0.9687 | 49.03 |
| 2 | Sulfate | 7.18 | 0.125 | 0.592 | 1.0072 | 50.97 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 23 | **Sample No.:** | 29 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 1:34 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

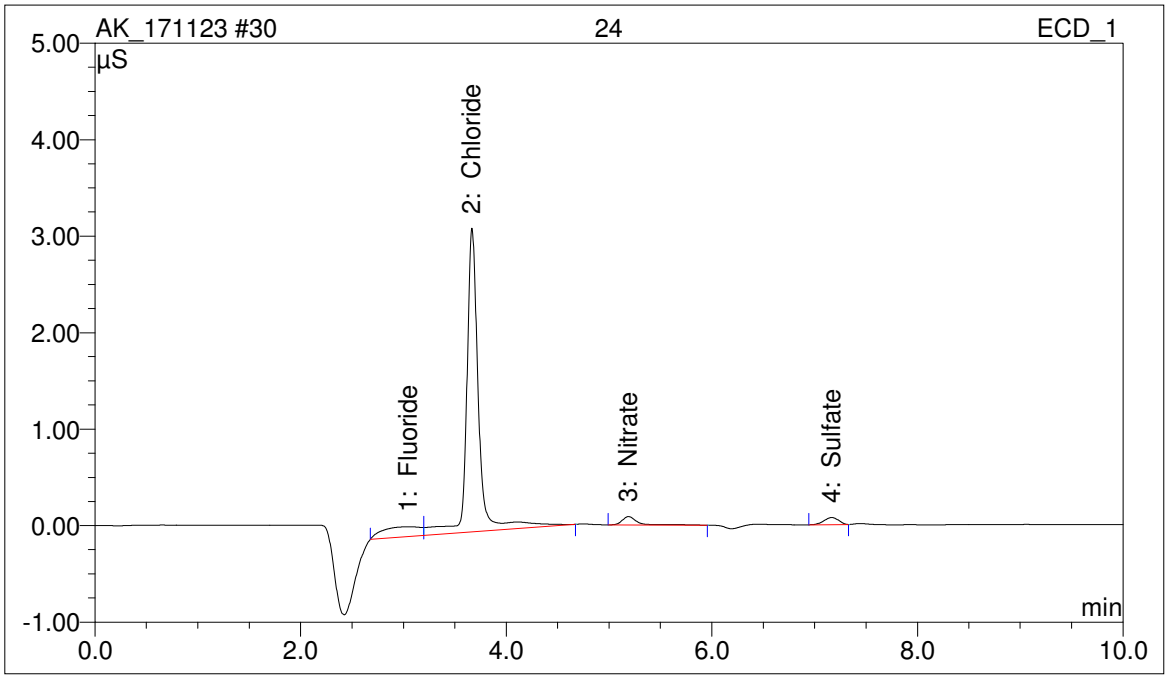
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.94 | 0.037 | 0.122 | 0.0716 | 2.72 |
| 2 | Chloride | 3.67 | 0.375 | 2.364 | 1.6265 | 61.65 |
| 3 | Nitrate | 5.19 | 0.034 | 0.228 | 0.2783 | 10.55 |
| 4 | Sulfate | 7.18 | 0.077 | 0.366 | 0.6617 | 25.08 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 24 | **Sample No.:** | 30 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 1:44 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

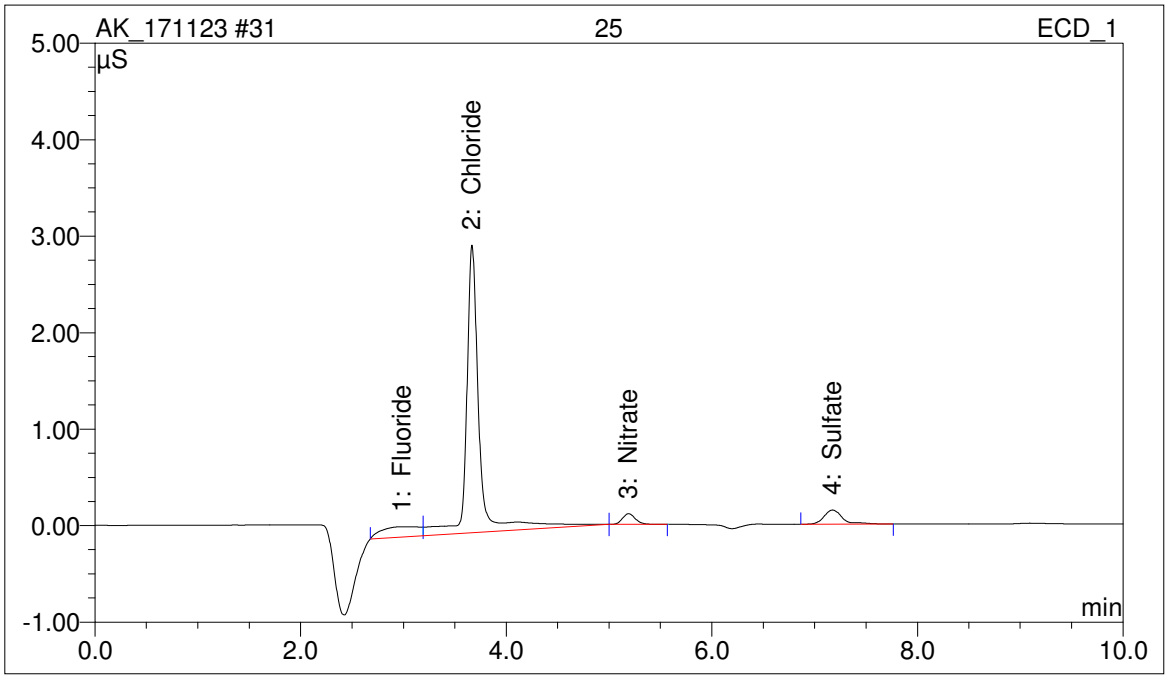
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 3.05 | 0.045 | 0.102 | 0.1015 | 4.42 |
| 2 | Chloride | 3.67 | 0.427 | 3.147 | 1.8993 | 82.62 |
| 3 | Nitrate | 5.19 | 0.015 | 0.085 | 0.1120 | 4.87 |
| 4 | Sulfate | 7.17 | 0.012 | 0.073 | 0.1859 | 8.09 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 25 | **Sample No.:** | 31 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 1:55 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

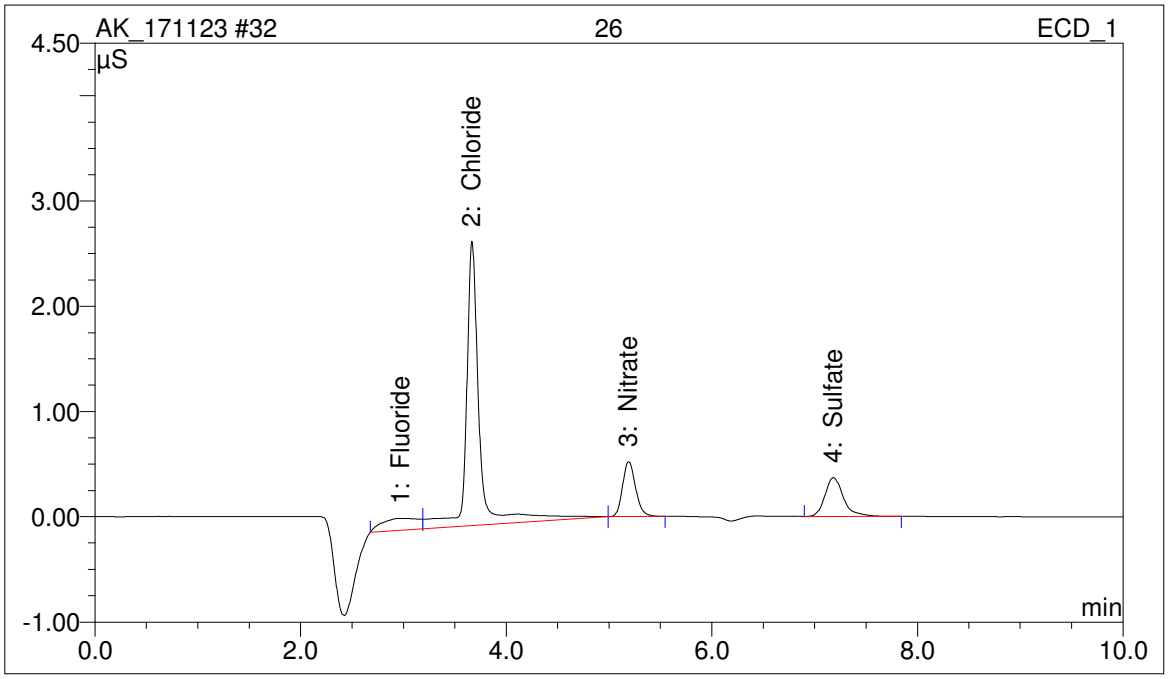
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.99 | 0.045 | 0.105 | 0.1020 | 4.12 |
| 2 | Chloride | 3.67 | 0.432 | 2.982 | 1.9226 | 77.72 |
| 3 | Nitrate | 5.19 | 0.016 | 0.110 | 0.1246 | 5.04 |
| 4 | Sulfate | 7.17 | 0.031 | 0.150 | 0.3247 | 13.12 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 26 | **Sample No.:** | 32 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 2:05 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

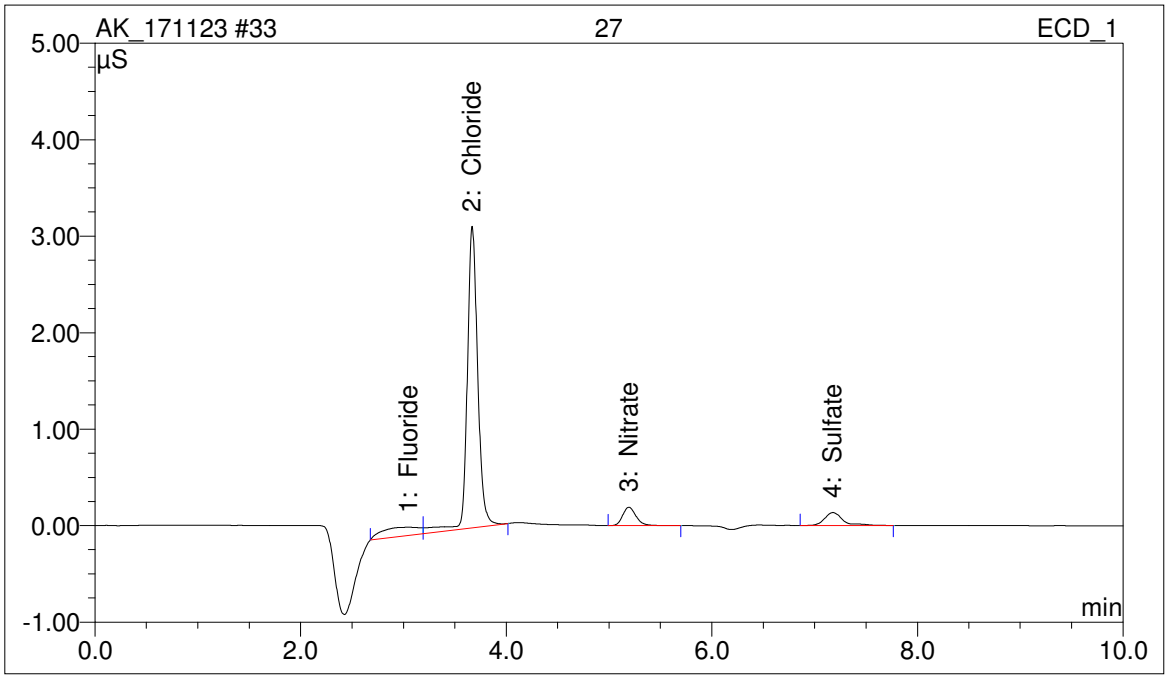
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.97 | 0.046 | 0.113 | 0.1070 | 3.35 |
| 2 | Chloride | 3.67 | 0.402 | 2.702 | 1.7668 | 55.40 |
| 3 | Nitrate | 5.19 | 0.077 | 0.522 | 0.6510 | 20.41 |
| 4 | Sulfate | 7.18 | 0.078 | 0.371 | 0.6643 | 20.83 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 27 | **Sample No.:** | 33 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 2:15 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

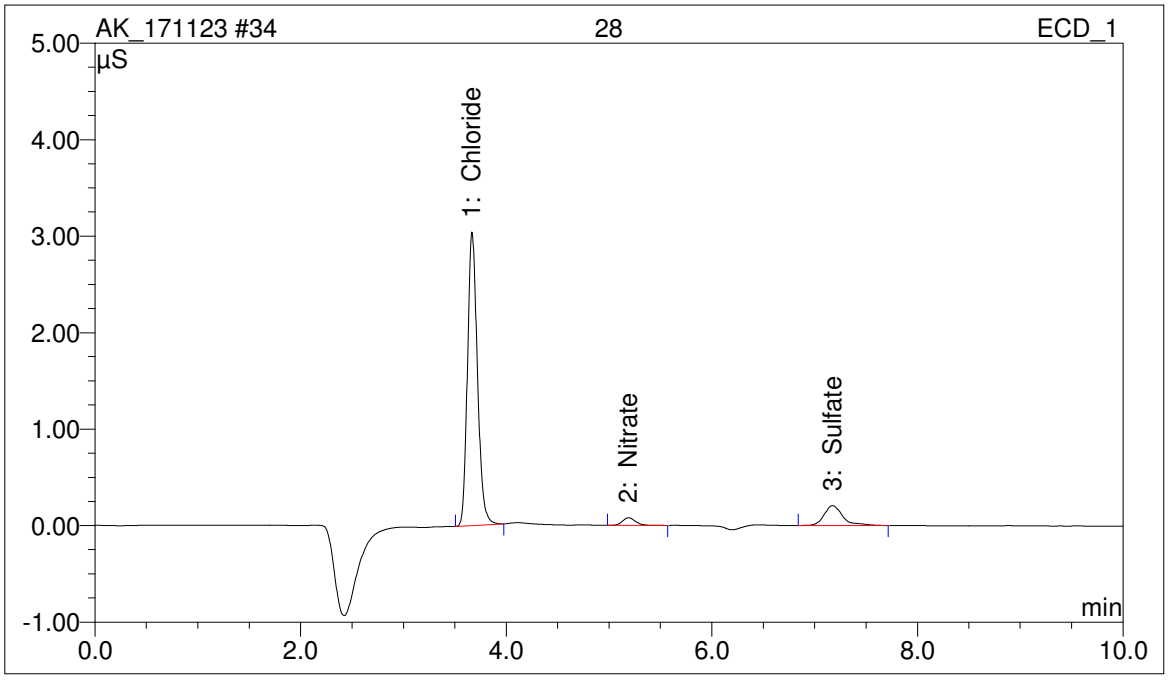
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 3.05 | 0.038 | 0.084 | 0.0766 | 3.46 |
| 2 | Chloride | 3.67 | 0.371 | 3.126 | 1.6050 | 72.52 |
| 3 | Nitrate | 5.19 | 0.029 | 0.193 | 0.2336 | 10.55 |
| 4 | Sulfate | 7.18 | 0.027 | 0.134 | 0.2982 | 13.47 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 28 | **Sample No.:** | 34 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 2:26 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

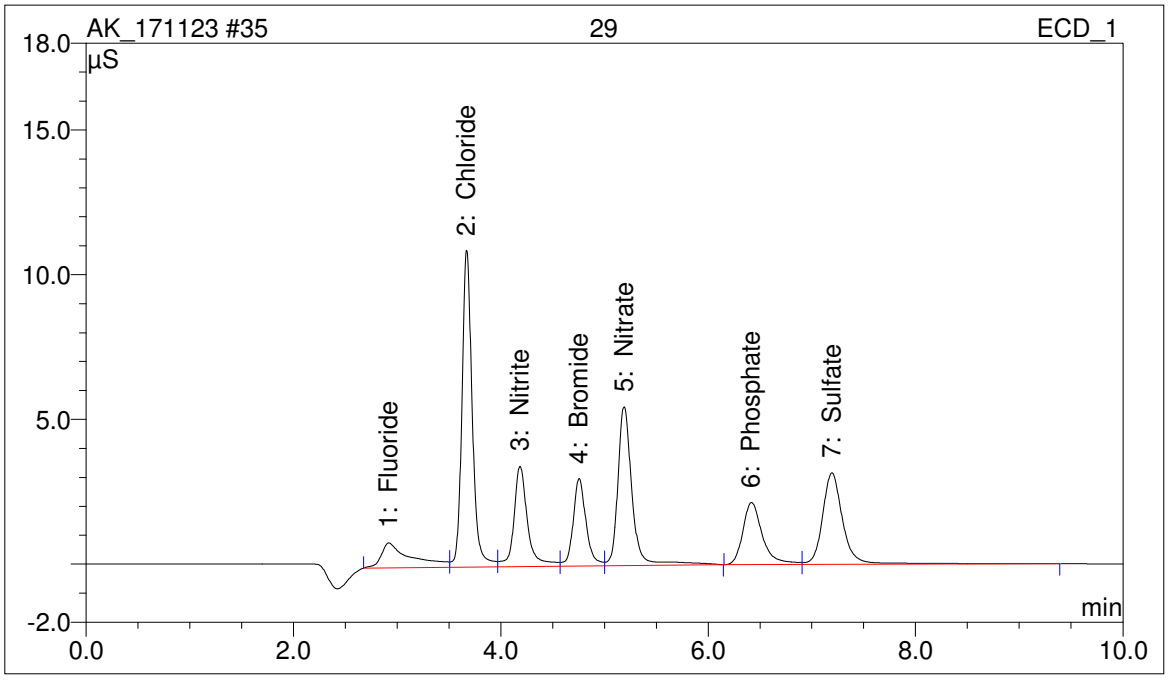
| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Chloride | 3.67 | 0.340 | 3.041 | 1.4483 | 74.28 |
| 2 | Nitrate | 5.19 | 0.012 | 0.078 | 0.0841 | 4.31 |
| 3 | Sulfate | 7.18 | 0.044 | 0.209 | 0.4175 | 21.41 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 29 | **Sample No.:** | 35 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 2:36 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.92 | 0.285 | 0.858 | 1.0235 | 2.43 |
| 2 | Chloride | 3.67 | 1.264 | 10.947 | 6.2338 | 14.78 |
| 3 | Nitrite | 4.19 | 0.532 | 3.472 | 5.1771 | 12.27 |
| 4 | Bromide | 4.76 | 0.439 | 3.031 | 5.6354 | 13.36 |
| 5 | Nitrate | 5.19 | 0.879 | 5.487 | 7.6481 | 18.13 |
| 6 | Phosphate | 6.42 | 0.473 | 2.153 | 11.0625 | 26.23 |
| 7 | Sulfate | 7.19 | 0.730 | 3.169 | 5.4002 | 12.80 |



# Sample Analysis Report

| | | | |
|---|---|---|---|
| **Sample Name:** | 30 | **Sample No.:** | 36 |
| **Sequence Name:** | AK_171123 | | |
| **Program Method:** | ICS1100_Anion_Prog | **Injection vol.:** | 25.0 |
| **Quantitation Method:** | 7_anion | **Dilution Factor:** | 1.0000 |
| **Date Time Collected:** | 17/11/2023 2:47 PM | **Sample Wt.:** | 1.0000 |
| **System Operator:** | Dionex | **Sample Amt.:** | 1.0000 |

| Peak No. | Component Name | Retention Time | Area µS*min | Height µS | Amount | Relative Amount % |
|---|---|---|---|---|---|---|
| 1 | Fluoride | 2.93 | 0.026 | 0.087 | 0.0279 | 3.48 |
| 2 | Chloride | 3.67 | 0.210 | 0.806 | 0.7741 | 96.52 |