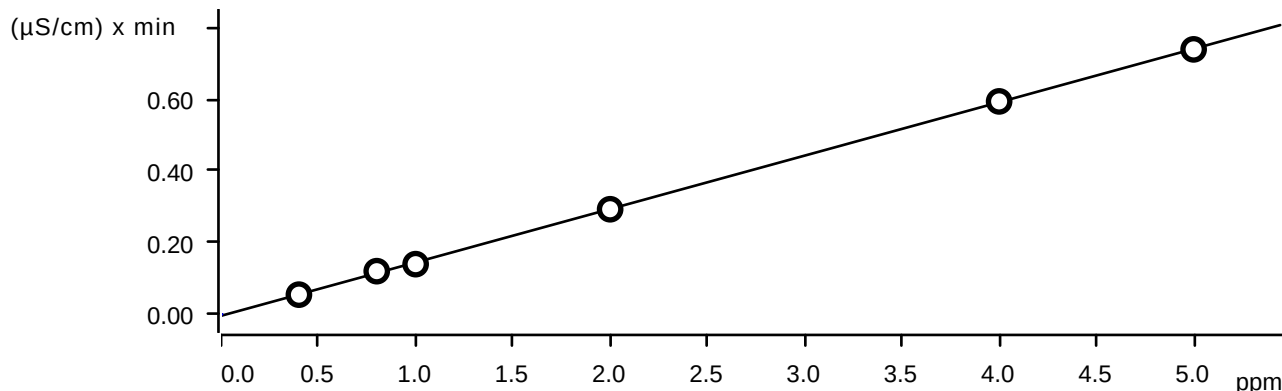


| Instrument IIC |        | IC-1    | Analyst: |         | NF      | Method: :00.0 / 9056A |         |             |                 |        |         |
|----------------|--------|---------|----------|---------|---------|-----------------------|---------|-------------|-----------------|--------|---------|
| Ident          | Con F- | Con CL- | Con NO2  | Con BR- | Con NO3 | Con HPO4              | Con SO4 | Method name | date time       | wt/Fir | Analyst |
| STD1           | 0      | 0       | 0        | 0       | 0       | 0                     | 0       | IC1-012025  | 1/20/2025 11:14 | 10     | NF/IZ   |
| STD2           | 0.396  | 0.602   | 0.613    | 2.019   | 0.511   | 0.994                 | 3.09    | IC1-012025  | 1/20/2025 11:36 | 10     | NF/IZ   |
| STD3           | 0.835  | 1.258   | 1.254    | 4.184   | 1.047   | 2.089                 | 6.324   | IC1-012025  | 1/20/2025 11:57 | 10     | NF/IZ   |
| STD4           | 0.967  | 1.463   | 1.466    | 4.879   | 1.221   | 2.469                 | 7.299   | IC1-012025  | 1/20/2025 12:18 | 10     | NF/IZ   |
| STD5           | 1.996  | 2.973   | 2.959    | 9.912   | 2.468   | 4.936                 | 14.741  | IC1-012025  | 1/20/2025 12:40 | 10     | NF/IZ   |
| STD6           | 4.016  | 5.977   | 5.973    | 19.887  | 4.964   | 9.97                  | 29.788  | IC1-012025  | 1/20/2025 13:01 | 10     | NF/IZ   |
| STD7           | 4.99   | 7.527   | 7.535    | 25.119  | 6.289   | 12.542                | 37.258  | IC1-012025  | 1/20/2025 13:23 | 10     | NF/IZ   |
| ICV            | 2.059  | 3.086   | 3.062    | 10.267  | 2.569   | 5.158                 | 15.361  | IC1-012025  | 1/20/2025 13:44 | 10     | NF/IZ   |
| ICB            | 0      | 0       | 0        | 0       | 0       | 0                     | 0       | IC1-012025  | 1/20/2025 14:06 | 10     | NF/IZ   |
| CCV            | 2.022  | 3.038   | 3.027    | 10.116  | 2.536   | 4.999                 | 15.036  | IC1-012025  | 2/11/2025 11:07 | 10     | NF/IZ   |
| CCB            | 0      | 0       | 0        | 0       | 0       | 0                     | 0       | IC1-012025  | 2/11/2025 11:29 | 10     | NF/IZ   |
| LB134705BLW    | 0      | 0       | 0        | 0       | 0       | 0                     | 0       | IC1-012025  | 2/11/2025 11:50 | 10     | NF/IZ   |
| LB134705BSW    | 2.031  | 3.065   | 3.051    | 10.198  | 2.553   | 5.035                 | 15.104  | IC1-012025  | 2/11/2025 12:12 | 10     | NF/IZ   |
| Q1355-01       | 0.29   | 335.648 | 0        | 0.56    | 0       | 0                     | 103.314 | IC1-012025  | 2/11/2025 14:49 | 10     | NF/IZ   |
| Q1355-01MS     | 1.071  | 322.702 | 2.87     | 9.952   | 2.405   | 0.567                 | 115.268 | IC1-012025  | 2/11/2025 15:10 | 10     | NF/IZ   |
| Q1355-01MSD    | 2.203  | 322.879 | 2.839    | 9.846   | 2.365   | 2.653                 | 115.013 | IC1-012025  | 2/11/2025 15:32 | 10     | NF/IZ   |
| Q1355-01DLX5   | 0.08   | 53.651  | 0        | 0.279   | 0       | 0                     | 18.384  | IC1-012025  | 2/11/2025 15:54 | 10     | NF/IZ   |
| CCV            | 2.035  | 3.063   | 3.054    | 10.198  | 2.554   | 5.174                 | 15.127  | IC1-012025  | 2/11/2025 16:15 | 10     | NF/IZ   |
| CCB            | 0      | 0.065   | 0        | 0       | 0       | 0                     | 0       | IC1-012025  | 2/11/2025 16:37 | 10     | NF/IZ   |

Clear table

| Instrument ID: IC-2 |                      |                       |                        |                        |                        |                         |                        |              |                 | Analyst : IZ            |         | Method: 300.0 / 9056A |  |
|---------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|--------------|-----------------|-------------------------|---------|-----------------------|--|
| ident               | concentra<br>tion F- | concentratio<br>n CL- | concentratio<br>on NO2 | concentratio<br>on BR- | concentratio<br>on NO3 | concentratio<br>on HPO4 | concentratio<br>on SO4 | file name    | date time       | Initial<br>wt/<br>Final | Analyst |                       |  |
| STD1                | 0                    | 0                     | 0                      | 0                      | 0                      | 0                       | 0                      | 0 IC1-012025 | 1/20/2025 11:14 | 10                      | NF/IZ   |                       |  |
| STD2                | 0.396                | 0.602                 | 0.613                  | 2.019                  | 0.511                  | 0.994                   | 3.09                   | IC1-012025   | 1/20/2025 11:36 | 10                      | NF/IZ   |                       |  |
| STD3                | 0.835                | 1.258                 | 1.254                  | 4.184                  | 1.047                  | 2.089                   | 6.324                  | IC1-012025   | 1/20/2025 11:57 | 10                      | NF/IZ   |                       |  |
| STD4                | 0.967                | 1.463                 | 1.466                  | 4.879                  | 1.221                  | 2.469                   | 7.299                  | IC1-012025   | 1/20/2025 12:18 | 10                      | NF/IZ   |                       |  |
| STD5                | 1.996                | 2.973                 | 2.959                  | 9.912                  | 2.468                  | 4.936                   | 14.741                 | IC1-012025   | 1/20/2025 12:40 | 10                      | NF/IZ   |                       |  |
| STD6                | 4.016                | 5.977                 | 5.973                  | 19.887                 | 4.964                  | 9.97                    | 29.788                 | IC1-012025   | 1/20/2025 13:01 | 10                      | NF/IZ   |                       |  |
| STD7                | 4.99                 | 7.527                 | 7.535                  | 25.119                 | 6.289                  | 12.542                  | 37.258                 | IC1-012025   | 1/20/2025 13:23 | 10                      | NF/IZ   |                       |  |
| ident               | True<br>Value F-     | True Value<br>CL-     | True Value<br>NO2      | True Value<br>BR-      | True Value<br>NO3      | True Value<br>HPO4      | True Value<br>SO4      |              |                 |                         |         |                       |  |
| STD1                | 0.0000               | 0.0000                | 0.0000                 | 0.0000                 | 0.0000                 | 0.0000                  | 0.0000                 |              |                 |                         |         |                       |  |
| STD2                | 0.4000               | 0.6000                | 0.6000                 | 2.0000                 | 0.5000                 | 1.0000                  | 3.0000                 |              |                 |                         |         |                       |  |
| STD3                | 0.8000               | 1.2000                | 1.2000                 | 4.0000                 | 1.0000                 | 2.0000                  | 6.0000                 |              |                 |                         |         |                       |  |
| STD4                | 1.0000               | 1.5000                | 1.5000                 | 5.0000                 | 1.2500                 | 2.5000                  | 7.5000                 |              |                 |                         |         |                       |  |
| STD5                | 2.0000               | 3.0000                | 3.0000                 | 10.0000                | 2.5000                 | 5.0000                  | 15.0000                |              |                 |                         |         |                       |  |
| STD6                | 4.0000               | 6.0000                | 6.0000                 | 20.0000                | 5.0000                 | 10.0000                 | 30.0000                |              |                 |                         |         |                       |  |
| STD7                | 5.0000               | 7.5000                | 7.5000                 | 25.0000                | 6.2500                 | 12.5000                 | 37.0000                |              |                 |                         |         |                       |  |
| ident               | Relative<br>Error F- | Relative<br>Error CL- | Relative<br>Error NO2  | Relative<br>Error BR-  | Relative<br>Error NO3  | Relative<br>Error HPO4  | Relative<br>Error SO4  |              |                 |                         |         |                       |  |
| STD1                |                      |                       |                        |                        |                        |                         |                        |              |                 |                         |         |                       |  |
| STD2                | -1.0000              | 0.3333                | 2.1667                 | 0.9500                 | 2.2000                 | -0.6000                 | 3.0000                 |              |                 |                         |         |                       |  |
| STD3                | 4.3750               | 4.8333                | 4.5000                 | 4.6000                 | 4.7000                 | 4.4500                  | 5.4000                 |              |                 |                         |         |                       |  |
| STD4                | -3.3000              | -2.4667               | -2.2667                | -2.4200                | -2.3200                | -1.2400                 | -2.6800                |              |                 |                         |         |                       |  |
| STD5                | -0.2000              | -0.9000               | -1.3667                | -0.8800                | -1.2800                | -1.2800                 | -1.7267                |              |                 |                         |         |                       |  |
| STD6                | 0.4000               | -0.3833               | -0.4500                | -0.5650                | -0.7200                | -0.3000                 | -0.7067                |              |                 |                         |         |                       |  |
| STD7                | -0.2000              | 0.3600                | 0.4667                 | 0.4760                 | 0.6240                 | 0.3360                  | 0.6973                 |              |                 |                         |         |                       |  |

### Fluoride (Anions)



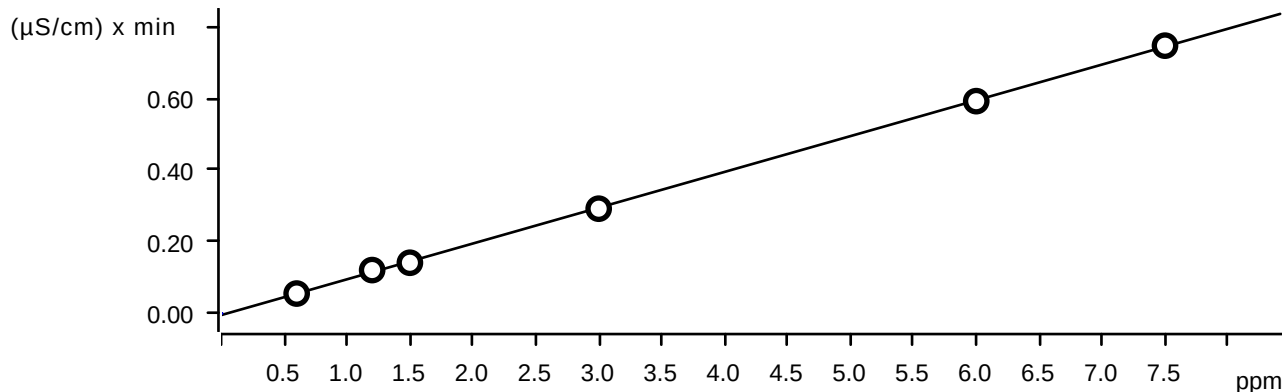
Function: . . . . .  $A = -4.02271E-3 + 0.0148839 \times Q$

Relative standard deviation . . . . . 1.203859 %

Correlation coefficient . . . . . 0.999923

| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000 | 10.0   | 1.0      | 1.0           | n. d. | STD1  | 2025-01-20 11:14:39 UTC-5 | used |
| Standard 2  | 1     | 0.400 | 10.0   | 1.0      | 1.0           | 0.055 | STD2  | 2025-01-20 11:36:02 UTC-5 | used |
| Standard 3  | 1     | 0.800 | 10.0   | 1.0      | 1.0           | 0.120 | STD3  | 2025-01-20 11:57:26 UTC-5 | used |
| Standard 4  | 1     | 1.000 | 10.0   | 1.0      | 1.0           | 0.140 | STD4  | 2025-01-20 12:18:50 UTC-5 | used |
| Standard 5  | 1     | 2.000 | 10.0   | 1.0      | 1.0           | 0.293 | STD5  | 2025-01-20 12:40:15 UTC-5 | used |
| Standard 6  | 1     | 4.000 | 10.0   | 1.0      | 1.0           | 0.594 | STD6  | 2025-01-20 13:01:41 UTC-5 | used |
| Standard 7  | 1     | 5.000 | 10.0   | 1.0      | 1.0           | 0.739 | STD7  | 2025-01-20 13:23:08 UTC-5 | used |

### Chloride (Anions)



Function: . . . . .  $A = -4.62538E-3 + 9.98029E-3 \times Q$

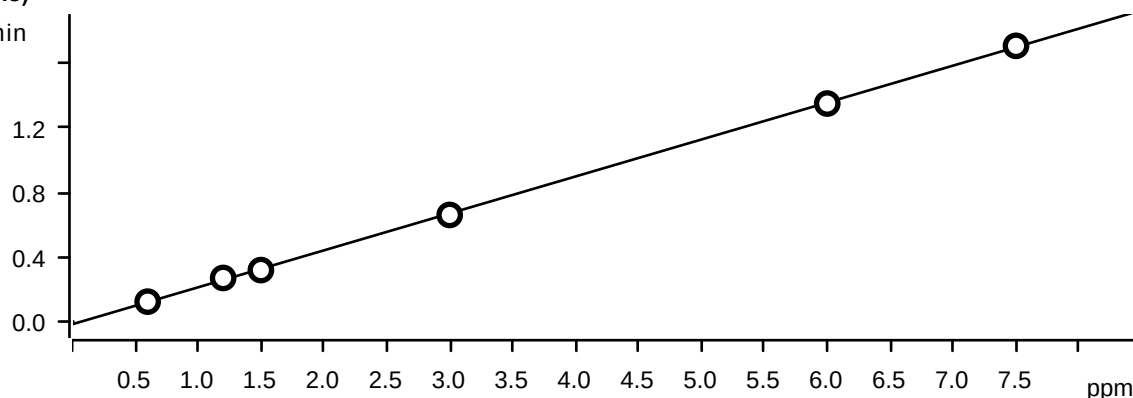
Relative standard deviation . . . . . 1.261416 %

Correlation coefficient . . . . . 0.999916

| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000 | 10.0   | 1.0      | 1.0           | n. d. | STD1  | 2025-01-20 11:14:39 UTC-5 | used |
| Standard 2  | 1     | 0.600 | 10.0   | 1.0      | 1.0           | 0.055 | STD2  | 2025-01-20 11:36:02 UTC-5 | used |
| Standard 3  | 1     | 1.200 | 10.0   | 1.0      | 1.0           | 0.121 | STD3  | 2025-01-20 11:57:26 UTC-5 | used |
| Standard 4  | 1     | 1.500 | 10.0   | 1.0      | 1.0           | 0.141 | STD4  | 2025-01-20 12:18:50 UTC-5 | used |
| Standard 5  | 1     | 3.000 | 10.0   | 1.0      | 1.0           | 0.292 | STD5  | 2025-01-20 12:40:15 UTC-5 | used |
| Standard 6  | 1     | 6.000 | 10.0   | 1.0      | 1.0           | 0.592 | STD6  | 2025-01-20 13:01:41 UTC-5 | used |
| Standard 7  | 1     | 7.500 | 10.0   | 1.0      | 1.0           | 0.747 | STD7  | 2025-01-20 13:23:08 UTC-5 | used |

**Nitrite (Anions)**

(μS/cm) x min

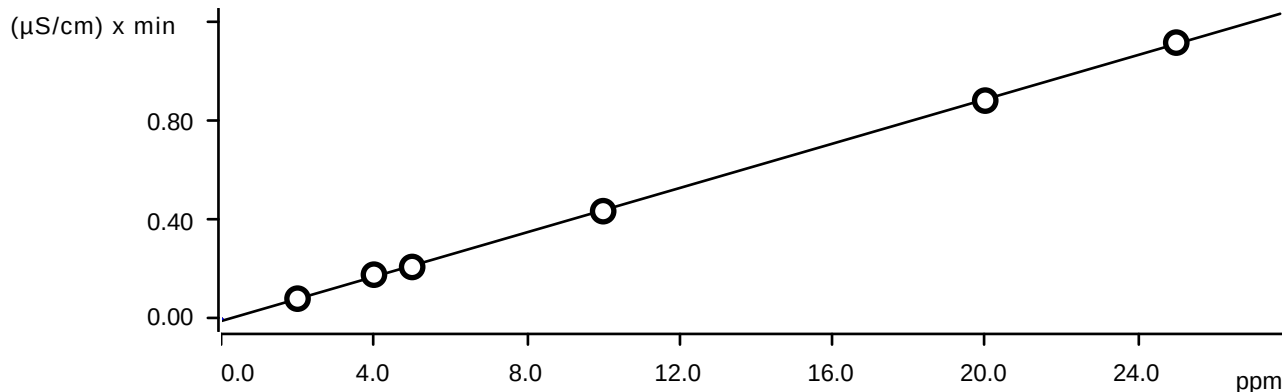
Function: . . . . .  $A = -0.0179856 + 0.0228967 \times Q$ 

Relative standard deviation . . . . . 1.369596 %

Correlation coefficient . . . . . 0.999903

| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000 | 10.0   | 1.0      | 1.0           | n. d. | STD1  | 2025-01-20 11:14:39 UTC-5 | used |
| Standard 2  | 1     | 0.600 | 10.0   | 1.0      | 1.0           | 0.122 | STD2  | 2025-01-20 11:36:02 UTC-5 | used |
| Standard 3  | 1     | 1.200 | 10.0   | 1.0      | 1.0           | 0.269 | STD3  | 2025-01-20 11:57:26 UTC-5 | used |
| Standard 4  | 1     | 1.500 | 10.0   | 1.0      | 1.0           | 0.318 | STD4  | 2025-01-20 12:18:50 UTC-5 | used |
| Standard 5  | 1     | 3.000 | 10.0   | 1.0      | 1.0           | 0.660 | STD5  | 2025-01-20 12:40:15 UTC-5 | used |
| Standard 6  | 1     | 6.000 | 10.0   | 1.0      | 1.0           | 1.350 | STD6  | 2025-01-20 13:01:41 UTC-5 | used |
| Standard 7  | 1     | 7.500 | 10.0   | 1.0      | 1.0           | 1.707 | STD7  | 2025-01-20 13:23:08 UTC-5 | used |

### Bromide (Anions)



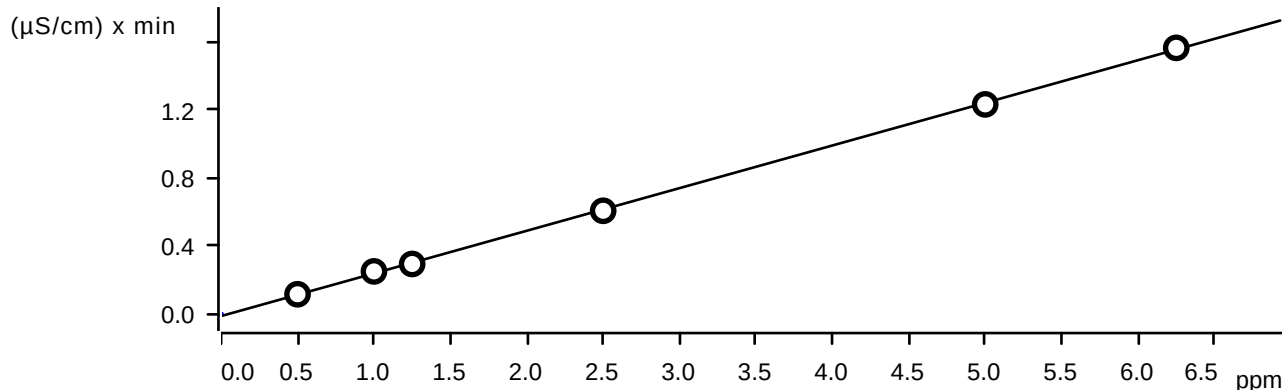
Function: . . . . .  $A = -8.89651E-3 + 4.46429E-3 \times Q$

Relative standard deviation . . . . . 1.338167 %

Correlation coefficient . . . . . 0.999906

| Sample type | Index | Conc.  | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|--------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000  | 10.0   | 1.0      | 1.0           | n. d. | STD1  | 2025-01-20 11:14:39 UTC-5 | used |
| Standard 2  | 1     | 2.000  | 10.0   | 1.0      | 1.0           | 0.081 | STD2  | 2025-01-20 11:36:02 UTC-5 | used |
| Standard 3  | 1     | 4.000  | 10.0   | 1.0      | 1.0           | 0.178 | STD3  | 2025-01-20 11:57:26 UTC-5 | used |
| Standard 4  | 1     | 5.000  | 10.0   | 1.0      | 1.0           | 0.209 | STD4  | 2025-01-20 12:18:50 UTC-5 | used |
| Standard 5  | 1     | 10.000 | 10.0   | 1.0      | 1.0           | 0.434 | STD5  | 2025-01-20 12:40:15 UTC-5 | used |
| Standard 6  | 1     | 20.000 | 10.0   | 1.0      | 1.0           | 0.879 | STD6  | 2025-01-20 13:01:41 UTC-5 | used |
| Standard 7  | 1     | 25.000 | 10.0   | 1.0      | 1.0           | 1.112 | STD7  | 2025-01-20 13:23:08 UTC-5 | used |

### Nitrate (Anions)

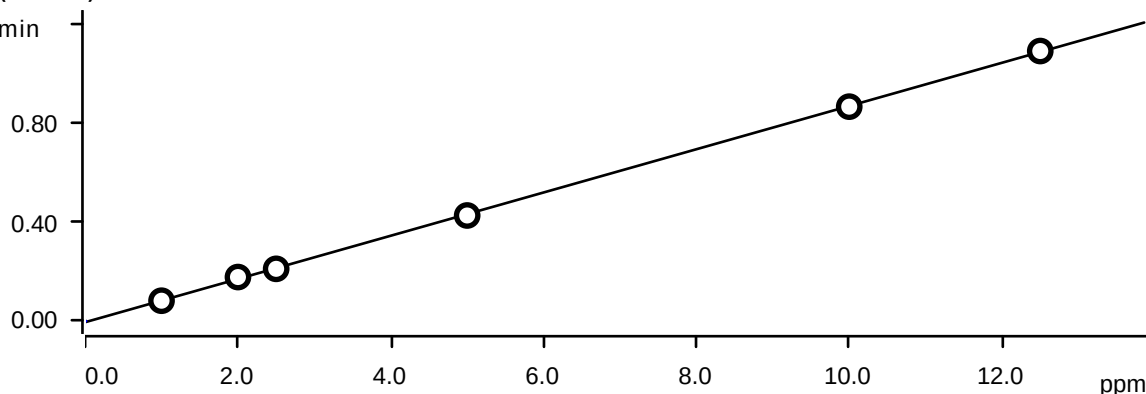


Function: . . . . .  $A = -0.0155875 + 0.0250988 \times Q$

Relative standard deviation . . . . . 1.561944 %

Correlation coefficient . . . . . 0.999873

| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000 | 10.0   | 1.0      | 1.0           | n. d. | STD1  | 2025-01-20 11:14:39 UTC-5 | used |
| Standard 2  | 1     | 0.500 | 10.0   | 1.0      | 1.0           | 0.113 | STD2  | 2025-01-20 11:36:02 UTC-5 | used |
| Standard 3  | 1     | 1.000 | 10.0   | 1.0      | 1.0           | 0.247 | STD3  | 2025-01-20 11:57:26 UTC-5 | used |
| Standard 4  | 1     | 1.250 | 10.0   | 1.0      | 1.0           | 0.291 | STD4  | 2025-01-20 12:18:50 UTC-5 | used |
| Standard 5  | 1     | 2.500 | 10.0   | 1.0      | 1.0           | 0.604 | STD5  | 2025-01-20 12:40:15 UTC-5 | used |
| Standard 6  | 1     | 5.000 | 10.0   | 1.0      | 1.0           | 1.230 | STD6  | 2025-01-20 13:01:41 UTC-5 | used |
| Standard 7  | 1     | 6.250 | 10.0   | 1.0      | 1.0           | 1.563 | STD7  | 2025-01-20 13:23:08 UTC-5 | used |

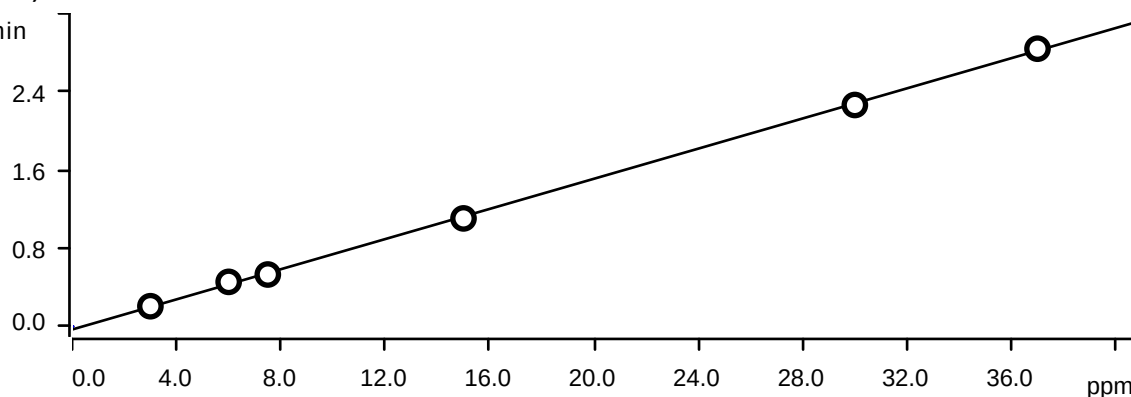
**Phosphate (Anions)** $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: . . . . .  $A = -4.38887E-3 + 8.70711E-3 \times Q$ 

Relative standard deviation . . . . . 1.148005 %

Correlation coefficient . . . . . 0.999929

| Sample type | Index | Conc.  | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|--------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000  | 10.0   | 1.0      | 1.0           | n. d. | STD1  | 2025-01-20 11:14:39 UTC-5 | used |
| Standard 2  | 1     | 1.000  | 10.0   | 1.0      | 1.0           | 0.082 | STD2  | 2025-01-20 11:36:02 UTC-5 | used |
| Standard 3  | 1     | 2.000  | 10.0   | 1.0      | 1.0           | 0.177 | STD3  | 2025-01-20 11:57:26 UTC-5 | used |
| Standard 4  | 1     | 2.500  | 10.0   | 1.0      | 1.0           | 0.211 | STD4  | 2025-01-20 12:18:50 UTC-5 | used |
| Standard 5  | 1     | 5.000  | 10.0   | 1.0      | 1.0           | 0.425 | STD5  | 2025-01-20 12:40:15 UTC-5 | used |
| Standard 6  | 1     | 10.000 | 10.0   | 1.0      | 1.0           | 0.864 | STD6  | 2025-01-20 13:01:41 UTC-5 | used |
| Standard 7  | 1     | 12.500 | 10.0   | 1.0      | 1.0           | 1.088 | STD7  | 2025-01-20 13:23:08 UTC-5 | used |

## Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: . . . . .  $A = -0.0310554 + 7.70543E-3 \times Q$ 

Relative standard deviation . . . . . 1.797524 %

Correlation coefficient . . . . . 0.999831

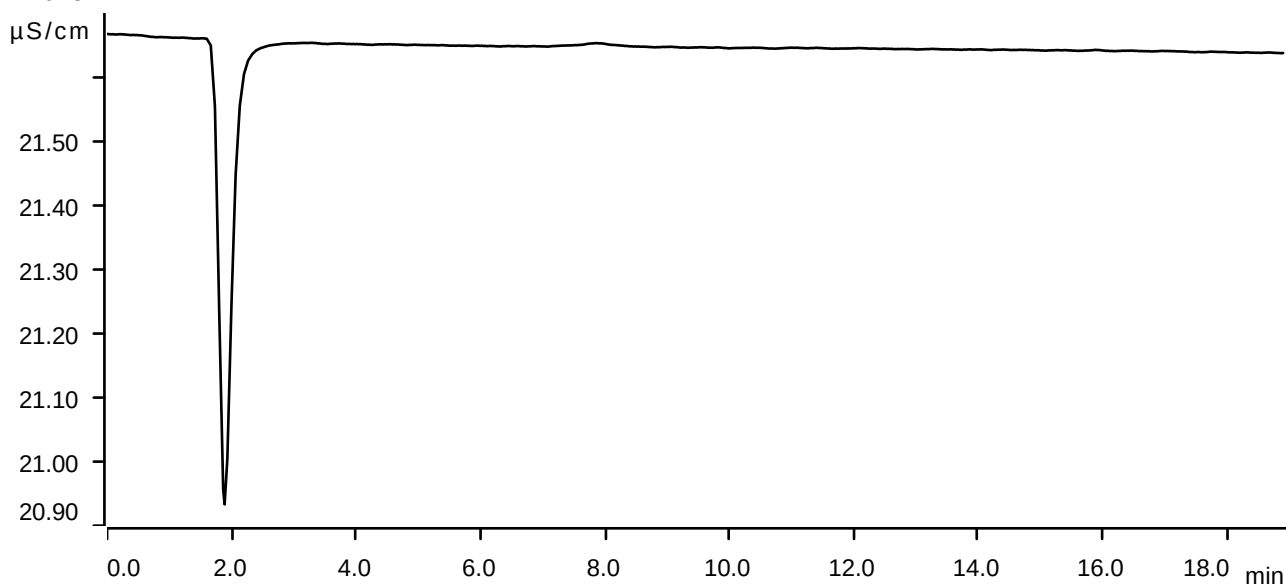
| Sample type | Index | Conc.  | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|--------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000  | 10.0   | 1.0      | 1.0           | n. d. | STD1  | 2025-01-20 11:14:39 UTC-5 | used |
| Standard 2  | 1     | 3.000  | 10.0   | 1.0      | 1.0           | 0.207 | STD2  | 2025-01-20 11:36:02 UTC-5 | used |
| Standard 3  | 1     | 6.000  | 10.0   | 1.0      | 1.0           | 0.456 | STD3  | 2025-01-20 11:57:26 UTC-5 | used |
| Standard 4  | 1     | 7.500  | 10.0   | 1.0      | 1.0           | 0.531 | STD4  | 2025-01-20 12:18:50 UTC-5 | used |
| Standard 5  | 1     | 15.000 | 10.0   | 1.0      | 1.0           | 1.105 | STD5  | 2025-01-20 12:40:15 UTC-5 | used |
| Standard 6  | 1     | 30.000 | 10.0   | 1.0      | 1.0           | 2.264 | STD6  | 2025-01-20 13:01:41 UTC-5 | used |
| Standard 7  | 1     | 37.000 | 10.0   | 1.0      | 1.0           | 2.840 | STD7  | 2025-01-20 13:23:08 UTC-5 | used |

**Sample data**

Ident . . . . . STD1  
Sample type . . . . . Standard 1  
Determination start . . . . . 2025-01-20 11:14:39 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

**Anions**

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 12.39 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

**Anions**



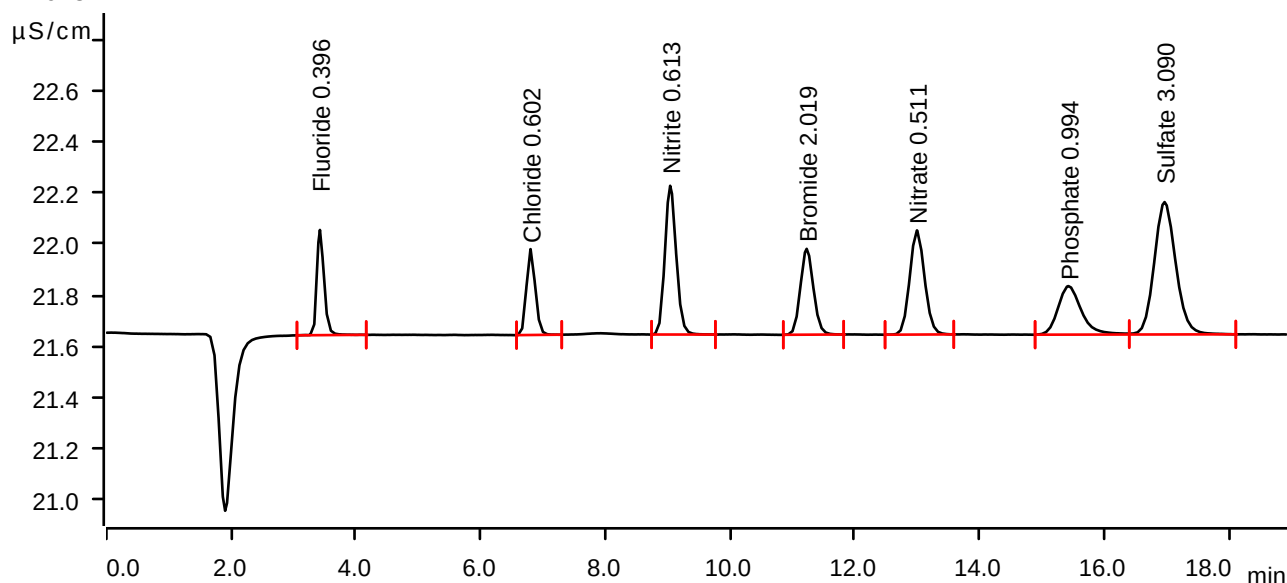
## Sample data

Ident . . . . . STD2  
Sample type . . . . . Standard 2  
Determination start . . . . . 2025-01-20 11:36:02 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 12.11 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.425                 | 0.0549                | 0.411           | 0.396                | Fluoride       |
| 2           | 6.802                 | 0.0555                | 0.335           | 0.602                | Chloride       |
| 3           | 9.040                 | 0.1223                | 0.581           | 0.613                | Nitrite        |
| 4           | 11.228                | 0.0813                | 0.335           | 2.019                | Bromide        |
| 5           | 12.995                | 0.1126                | 0.407           | 0.511                | Nitrate        |
| 6           | 15.423                | 0.0822                | 0.190           | 0.994                | Phosphate      |
| 7           | 16.967                | 0.2070                | 0.517           | 3.090                | Sulfate        |

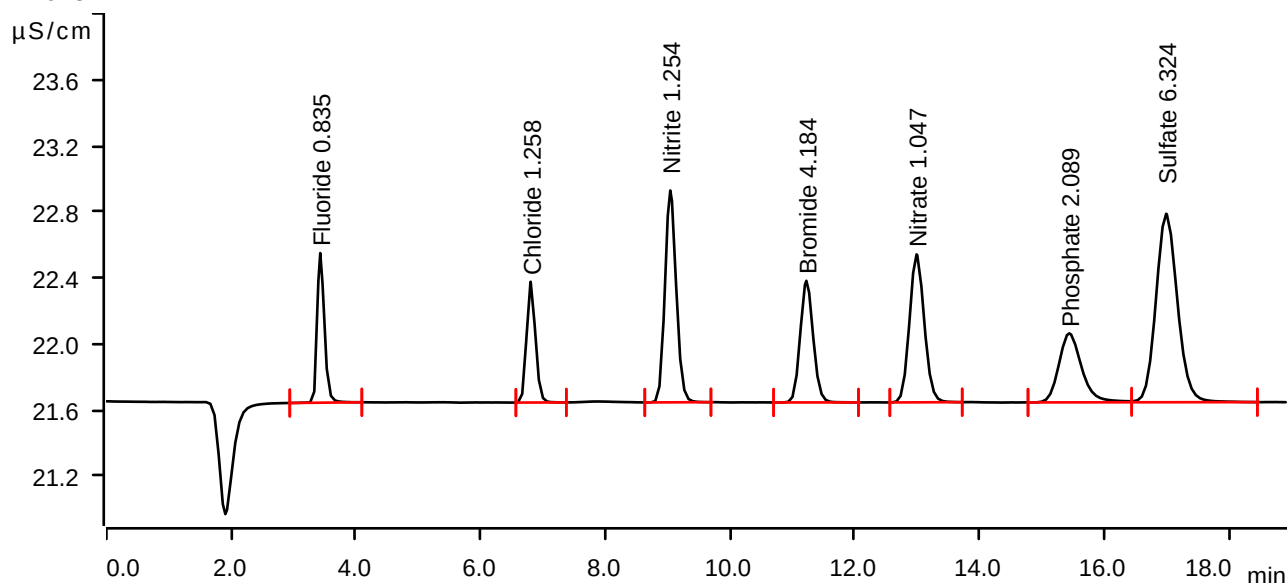
## Sample data

Ident . . . . . STD3  
Sample type . . . . . Standard 3  
Determination start . . . . . 2025-01-20 11:57:26 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 11.99 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.430                 | 0.1203                | 0.906           | 0.835                | Fluoride       |
| 2           | 6.803                 | 0.1209                | 0.731           | 1.258                | Chloride       |
| 3           | 9.042                 | 0.2691                | 1.282           | 1.254                | Nitrite        |
| 4           | 11.223                | 0.1779                | 0.736           | 4.184                | Bromide        |
| 5           | 12.990                | 0.2472                | 0.896           | 1.047                | Nitrate        |
| 6           | 15.438                | 0.1775                | 0.418           | 2.089                | Phosphate      |
| 7           | 16.992                | 0.4562                | 1.141           | 6.324                | Sulfate        |

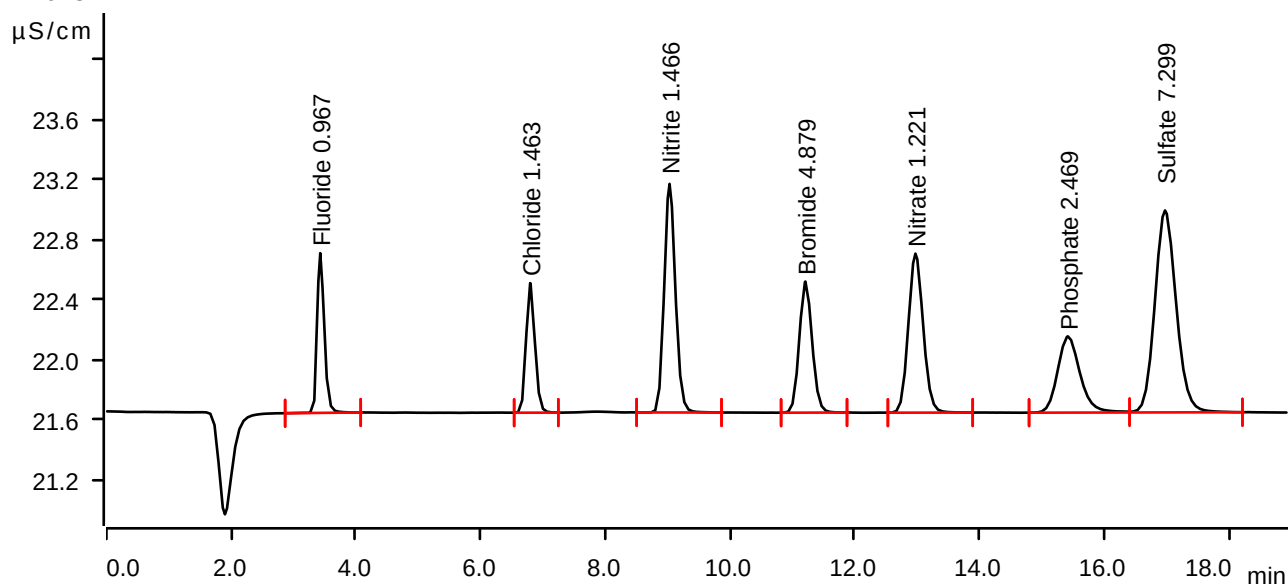
## Sample data

Ident . . . . . STD4  
Sample type . . . . . Standard 4  
Determination start . . . . . 2025-01-20 12:18:50 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 12.11 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.430                 | 0.1399                | 1.061           | 0.967                | Fluoride       |
| 2           | 6.795                 | 0.1414                | 0.860           | 1.463                | Chloride       |
| 3           | 9.030                 | 0.3178                | 1.517           | 1.466                | Nitrite        |
| 4           | 11.208                | 0.2089                | 0.870           | 4.879                | Bromide        |
| 5           | 12.972                | 0.2908                | 1.056           | 1.221                | Nitrate        |
| 6           | 15.417                | 0.2105                | 0.506           | 2.469                | Phosphate      |
| 7           | 16.973                | 0.5314                | 1.341           | 7.299                | Sulfate        |

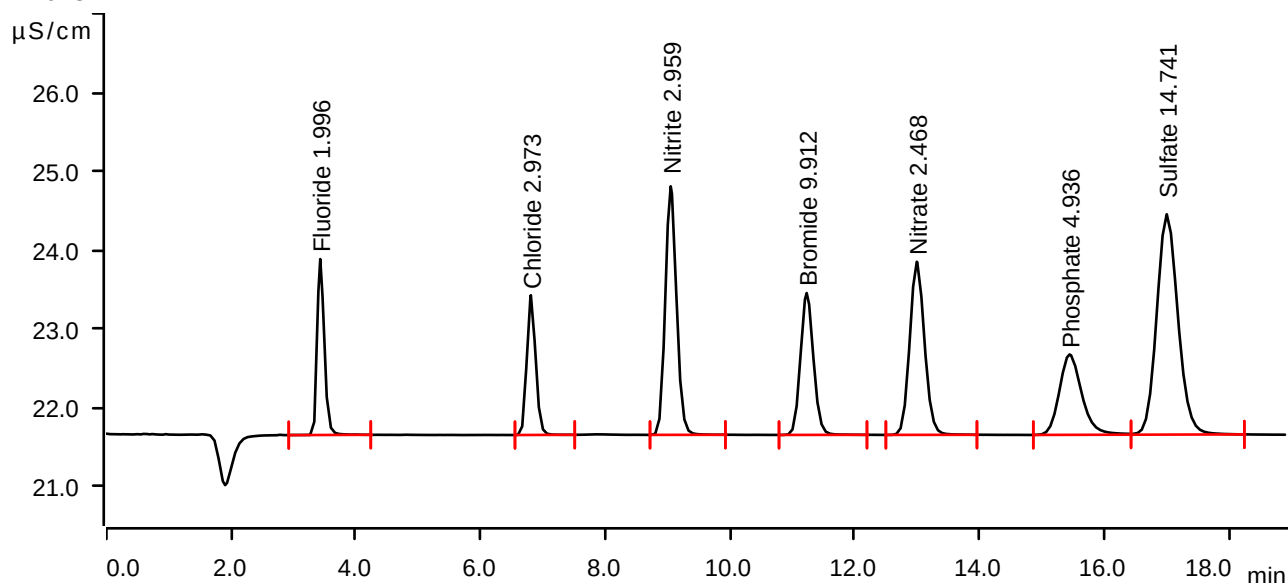
## Sample data

Ident . . . . . STD5  
Sample type . . . . . Standard 5  
Determination start . . . . . 2025-01-20 12:40:15 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 11.94 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.430                 | 0.2930                | 2.233           | 1.996                | Fluoride       |
| 2           | 6.807                 | 0.2921                | 1.773           | 2.973                | Chloride       |
| 3           | 9.048                 | 0.6595                | 3.154           | 2.959                | Nitrite        |
| 4           | 11.228                | 0.4336                | 1.801           | 9.912                | Bromide        |
| 5           | 12.993                | 0.6039                | 2.197           | 2.468                | Nitrate        |
| 6           | 15.443                | 0.4254                | 1.020           | 4.936                | Phosphate      |
| 7           | 17.002                | 1.1048                | 2.795           | 14.741               | Sulfate        |

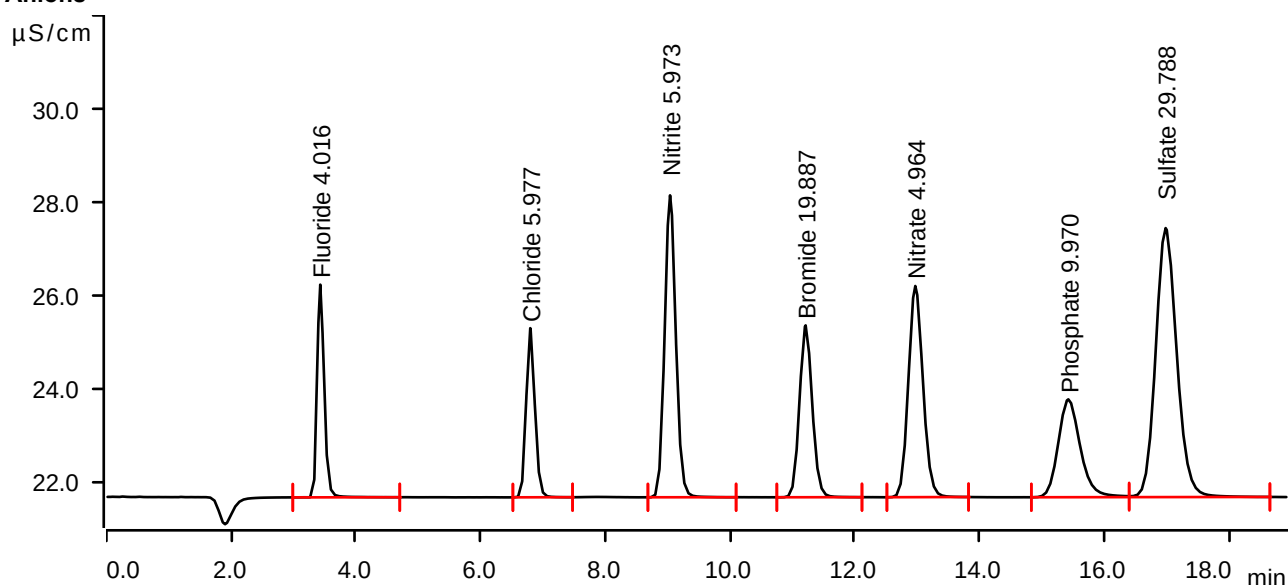
## Sample data

Ident . . . . . STD6  
Sample type . . . . . Standard 6  
Determination start . . . . . 2025-01-20 13:01:41 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 11.94 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.430                 | 0.5937                | 4.568           | 4.016                | Fluoride       |
| 2           | 6.797                 | 0.5919                | 3.633           | 5.977                | Chloride       |
| 3           | 9.038                 | 1.3497                | 6.484           | 5.973                | Nitrite        |
| 4           | 11.212                | 0.8789                | 3.691           | 19.887               | Bromide        |
| 5           | 12.970                | 1.2302                | 4.535           | 4.964                | Nitrate        |
| 6           | 15.423                | 0.8637                | 2.101           | 9.970                | Phosphate      |
| 7           | 16.983                | 2.2643                | 5.777           | 29.788               | Sulfate        |

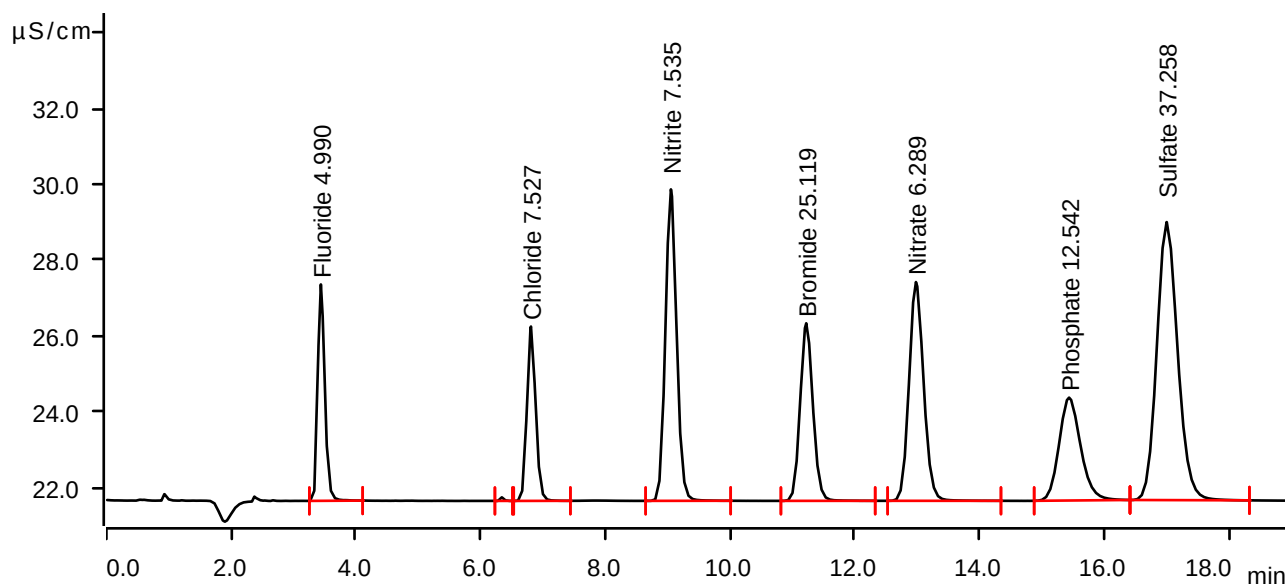
**Sample data**

Ident . . . . . STD7  
Sample type . . . . . Standard 7  
Determination start . . . . . 2025-01-20 13:23:08 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

**Anions**

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 11.82 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>( $\mu\text{S/cm}$ ) x min | Height<br>$\mu\text{S/cm}$ | Concentration<br>ppm | Component name |
|-------------|-----------------------|------------------------------------|----------------------------|----------------------|----------------|
| 1           | 3.440                 | 0.7387                             | 5.703                      | 4.990                | Fluoride       |
| 2           | 6.342                 | 0.0051                             | 0.093                      | invalid              |                |
| 3           | 6.808                 | 0.7466                             | 4.595                      | 7.527                | Chloride       |
| 4           | 9.052                 | 1.7073                             | 8.209                      | 7.535                | Nitrite        |
| 5           | 11.222                | 1.1125                             | 4.681                      | 25.119               | Bromide        |
| 6           | 12.980                | 1.5629                             | 5.766                      | 6.289                | Nitrate        |
| 7           | 15.435                | 1.0877                             | 2.713                      | 12.542               | Phosphate      |
| 8           | 16.998                | 2.8398                             | 7.327                      | 37.258               | Sulfate        |

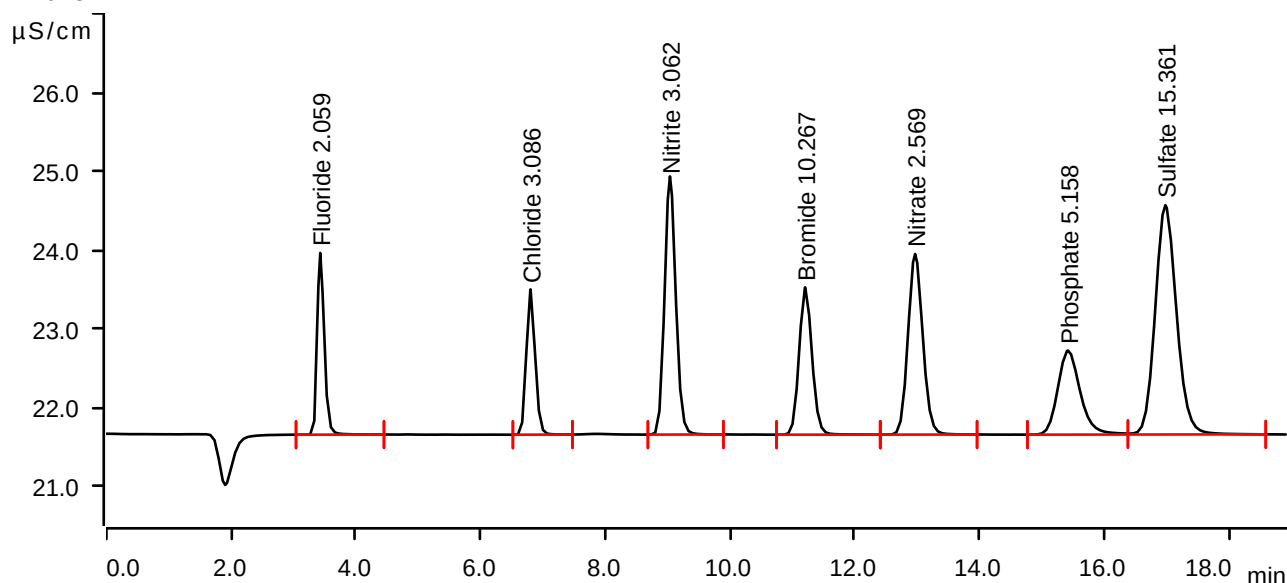
## Sample data

Ident . . . . . ICV  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2025-01-20 13:44:36 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 11.88 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.430                 | 0.3025                | 2.306           | 2.059                | Fluoride       |
| 2           | 6.798                 | 0.3033                | 1.843           | 3.086                | Chloride       |
| 3           | 9.037                 | 0.6832                | 3.276           | 3.062                | Nitrite        |
| 4           | 11.205                | 0.4495                | 1.869           | 10.267               | Bromide        |
| 5           | 12.967                | 0.6293                | 2.293           | 2.569                | Nitrate        |
| 6           | 15.418                | 0.4447                | 1.067           | 5.158                | Phosphate      |
| 7           | 16.978                | 1.1525                | 2.909           | 15.361               | Sulfate        |



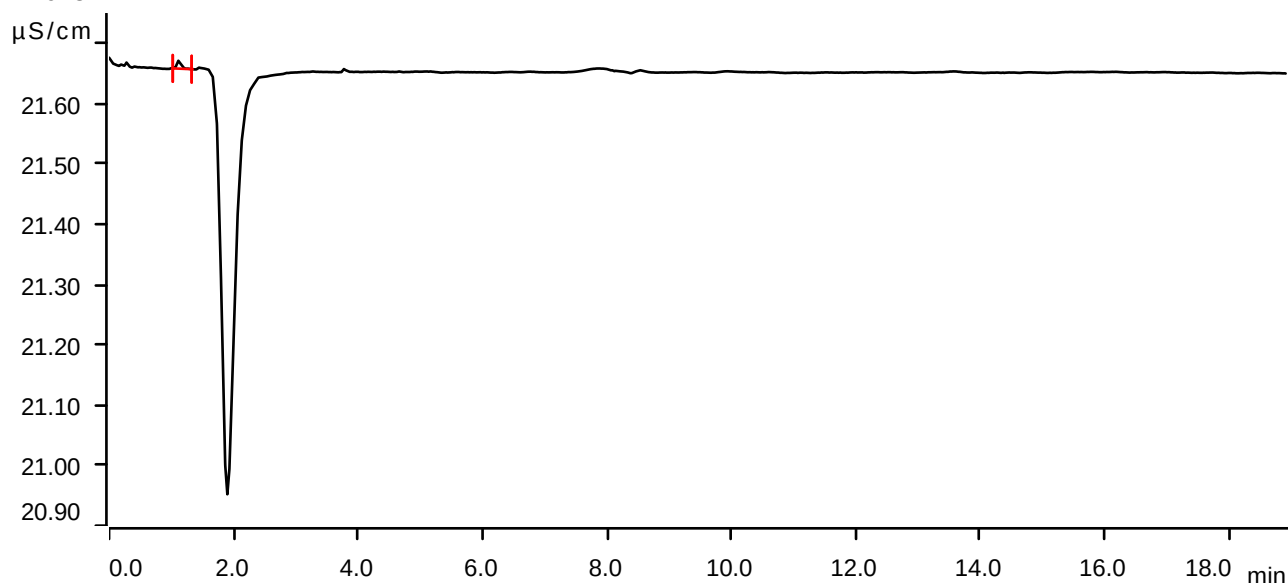
## Sample data

Ident . . . . . ICB  
Sample type . . . . . Sample  
Determination start . . . . . 2025-01-20 14:06:05 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 12.44 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time | Area          | Height | Concentration | Component name |
|-------------|----------------|---------------|--------|---------------|----------------|
|             | min            | (µS/cm) x min | µS/cm  | ppm           |                |
| 1           | 1.115          | 0.0010        | 0.013  | invalid       |                |

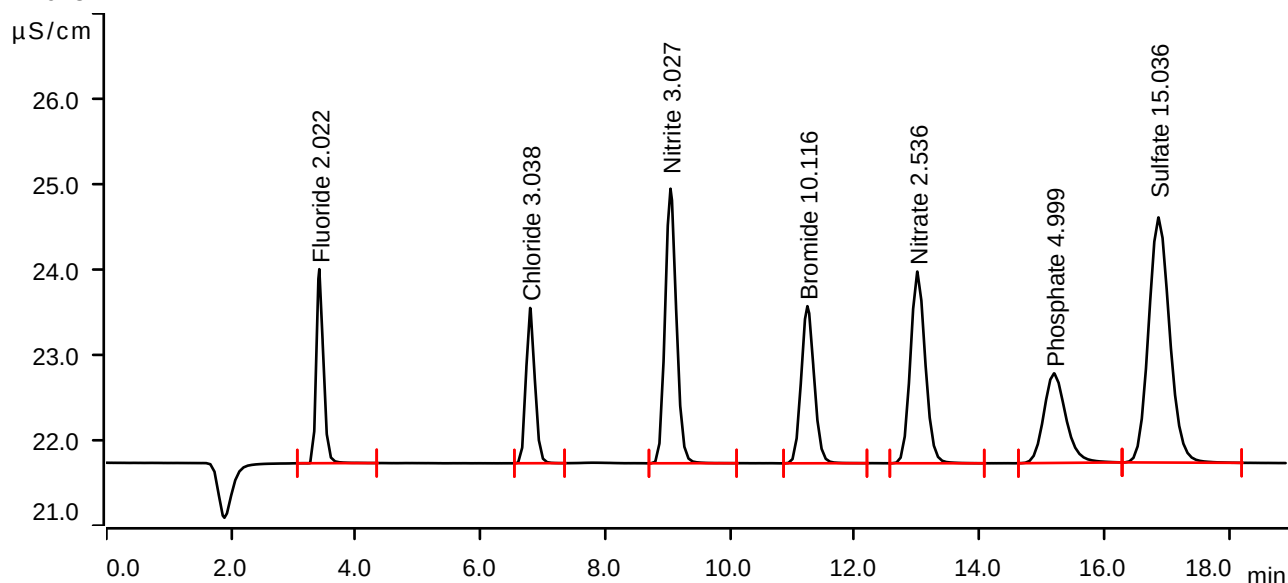
## Sample data

Ident . . . . . CCV  
 Sample type . . . . . Check standard 1  
 Determination start . . . . . 2025-02-11 11:07:44 UTC-5  
 Method . . . . . IC1-012025  
 Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
 Channel . . . . . Conductivity  
 Recording time . . . . . 19.0 min  
 Integration . . . . . Automatically  
 Column type . . . . . Metrosep A Supp 19 - 150/4.0  
 Eluent composition . . . . . not defined  
 Flow . . . . . 0.700 mL/min  
 Maximum flow monitored . . . . . yes  
 Pressure . . . . . 12.61 MPa  
 Maximum pressure monitored . . . . . yes  
 Temperature . . . . . ---- °C

## Anions



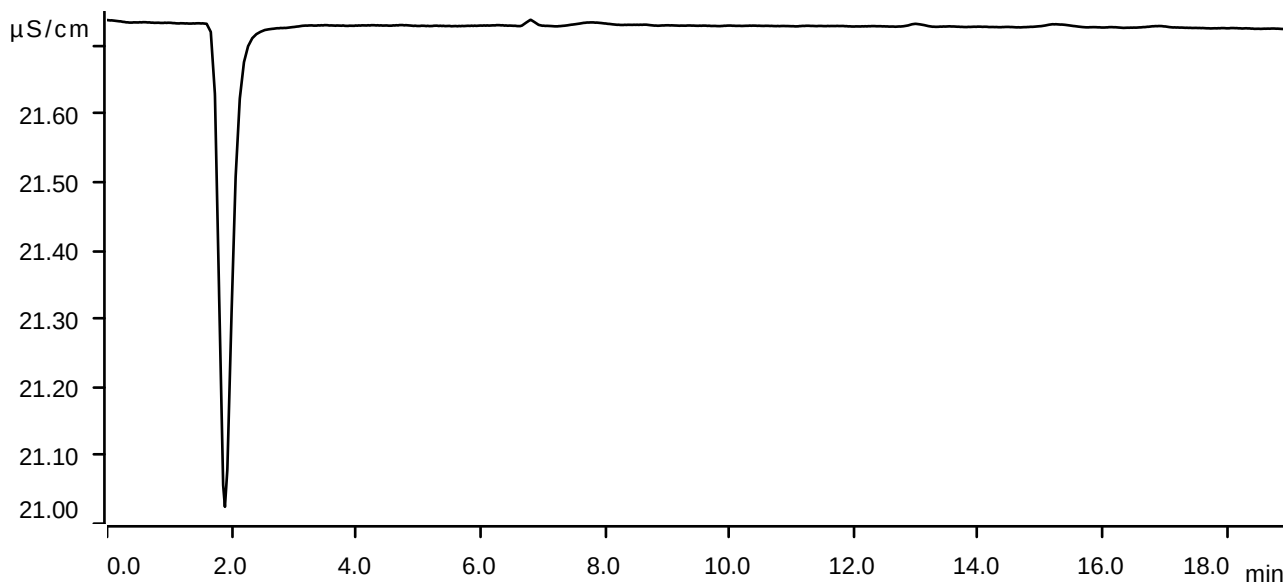
| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.415                 | 0.2970                | 2.273           | 2.022                | Fluoride       |
| 2           | 6.795                 | 0.2986                | 1.819           | 3.038                | Chloride       |
| 3           | 9.045                 | 0.6750                | 3.216           | 3.027                | Nitrite        |
| 4           | 11.240                | 0.4427                | 1.841           | 10.116               | Bromide        |
| 5           | 13.003                | 0.6209                | 2.246           | 2.536                | Nitrate        |
| 6           | 15.193                | 0.4309                | 1.049           | 4.999                | Phosphate      |
| 7           | 16.870                | 1.1275                | 2.871           | 15.036               | Sulfate        |

**Sample data**

Ident . . . . . CCB  
Sample type . . . . . Sample  
Determination start . . . . . 2025-02-11 11:29:14 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

**Anions**

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 12.39 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

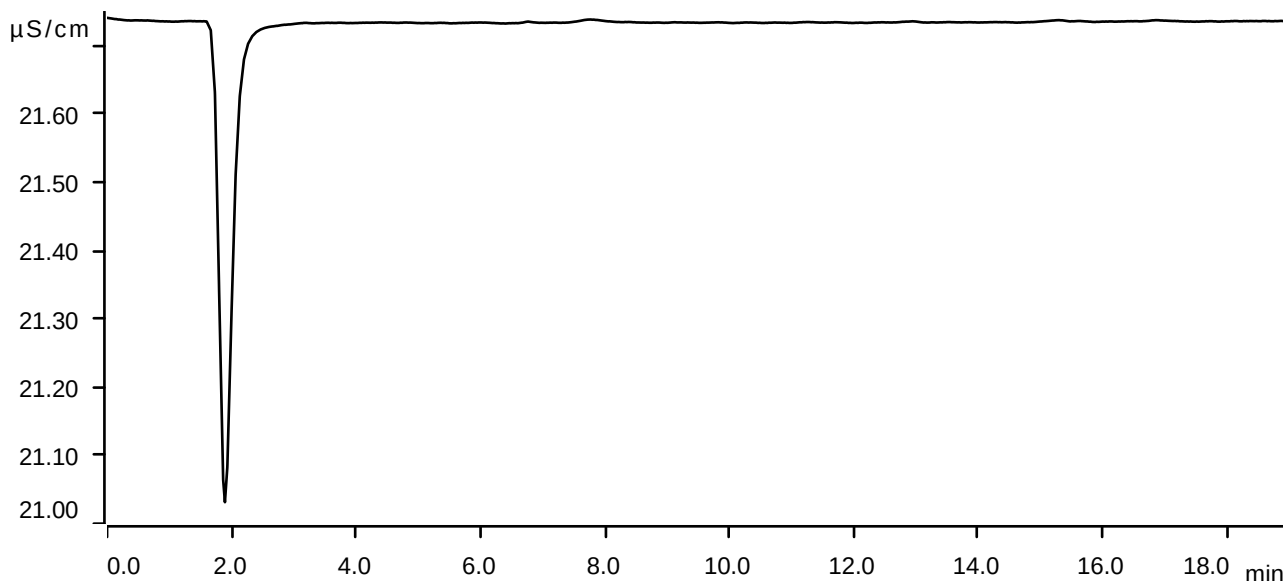
**Anions**

**Sample data**

Ident . . . . . LB134705BLW  
Sample type . . . . . Sample  
Determination start . . . . . 2025-02-11 11:50:45 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

**Anions**

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 12.73 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

**Anions**

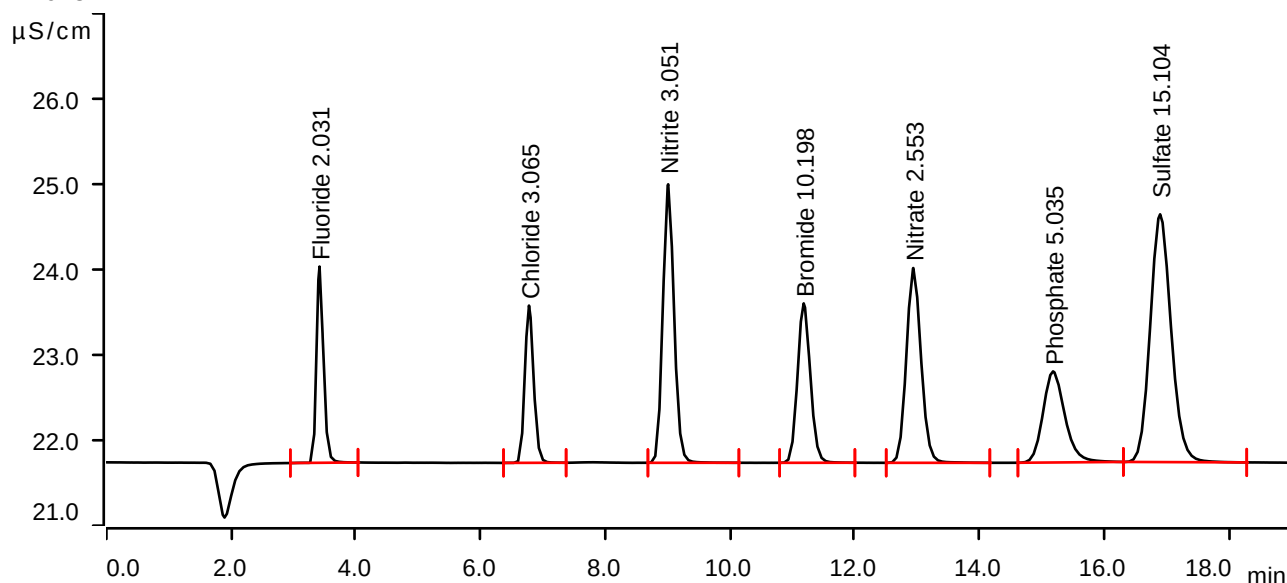
## Sample data

Ident . . . . . LB134705BSW  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2025-02-11 12:12:16 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 12.22 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.418                 | 0.2982                | 2.299           | 2.031                | Fluoride       |
| 2           | 6.777                 | 0.3013                | 1.842           | 3.065                | Chloride       |
| 3           | 9.008                 | 0.6807                | 3.262           | 3.051                | Nitrite        |
| 4           | 11.180                | 0.4464                | 1.867           | 10.198               | Bromide        |
| 5           | 12.938                | 0.6253                | 2.282           | 2.553                | Nitrate        |
| 6           | 15.178                | 0.4341                | 1.067           | 5.035                | Phosphate      |
| 7           | 16.895                | 1.1328                | 2.902           | 15.104               | Sulfate        |

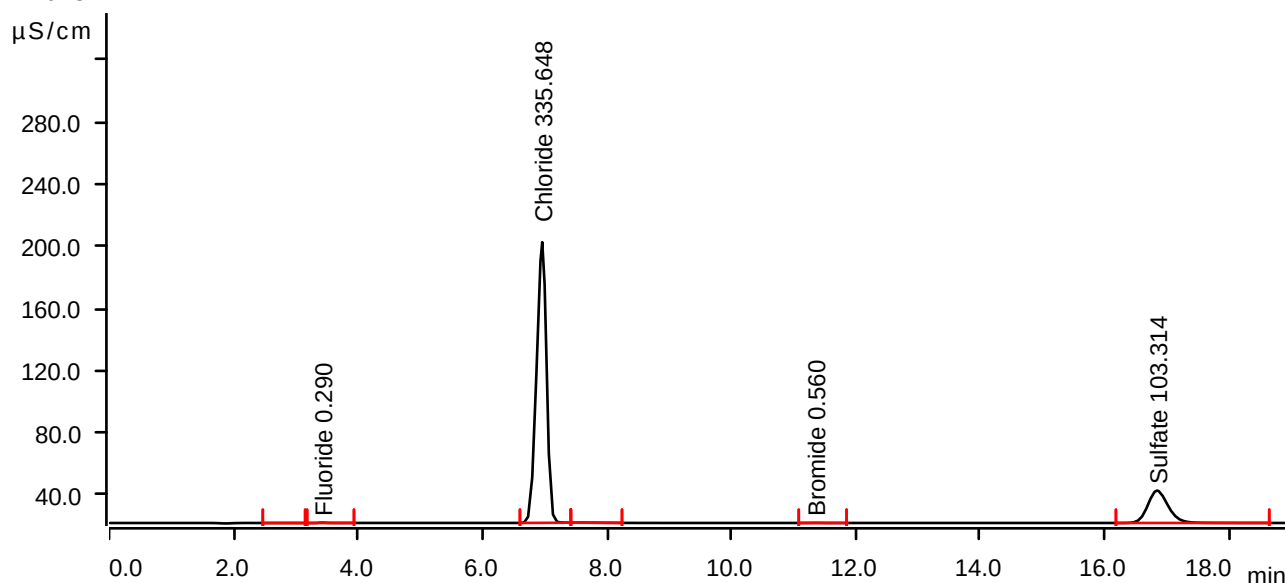
## Sample data

Ident . . . . . Q1355-01  
Sample type . . . . . Sample  
Determination start . . . . . 2025-02-11 14:49:16 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 12.78 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 2.940                 | 0.0054                | 0.017           | invalid              |                |
| 2           | 3.423                 | 0.0391                | 0.254           | 0.290                | Fluoride       |
| 3           | 6.962                 | 33.4940               | 180.841         | 335.648              | Chloride       |
| 4           | 7.620                 | 0.0289                | 0.072           | invalid              |                |
| 5           | 11.347                | 0.0161                | 0.068           | 0.560                | Bromide        |
| 6           | 16.842                | 7.9298                | 20.892          | 103.314              | Sulfate        |

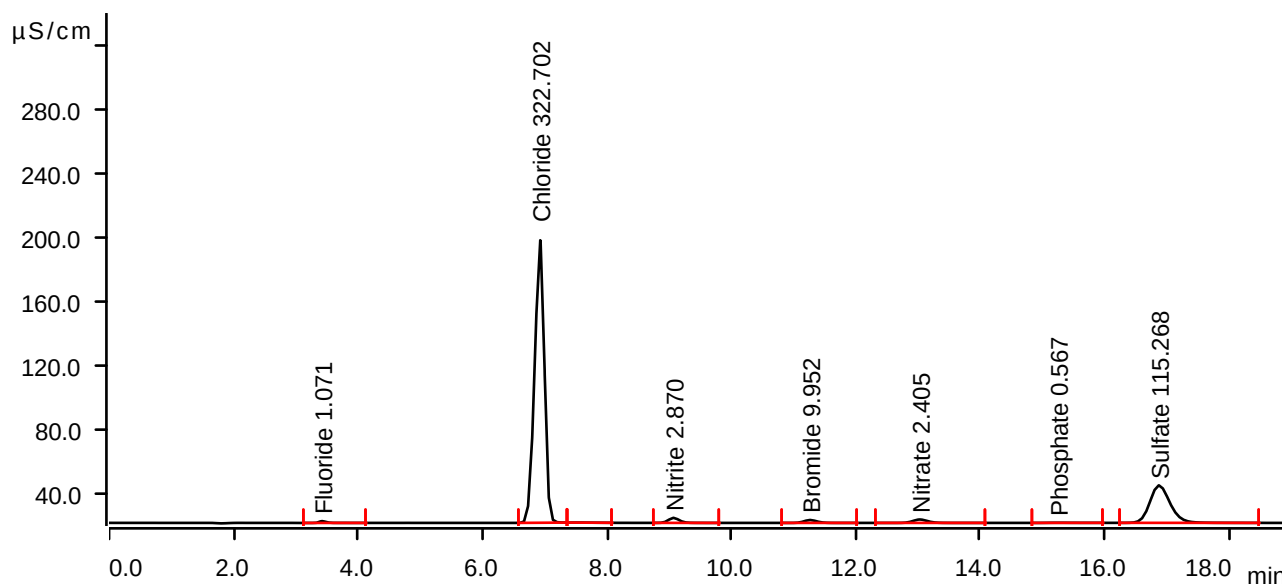
**Sample data**

Ident . . . . . Q1355-01MS  
Sample type . . . . . Sample  
Determination start . . . . . 2025-02-11 15:10:54 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

**Anions**

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 12.33 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>( $\mu\text{S/cm}$ ) x min | Height<br>$\mu\text{S/cm}$ | Concentration<br>ppm | Component name |
|-------------|-----------------------|------------------------------------|----------------------------|----------------------|----------------|
| 1           | 3.425                 | 0.1554                             | 1.137                      | 1.071                | Fluoride       |
| 2           | 6.930                 | 32.2020                            | 176.495                    | 322.702              | Chloride       |
| 3           | 7.512                 | 0.0206                             | 0.056                      | invalid              |                |
| 4           | 9.072                 | 0.6391                             | 3.138                      | 2.870                | Nitrite        |
| 5           | 11.265                | 0.4354                             | 1.813                      | 9.952                | Bromide        |
| 6           | 13.030                | 0.5879                             | 2.131                      | 2.405                | Nitrate        |
| 7           | 15.252                | 0.0450                             | 0.096                      | 0.567                | Phosphate      |
| 8           | 16.872                | 8.8508                             | 23.415                     | 115.268              | Sulfate        |



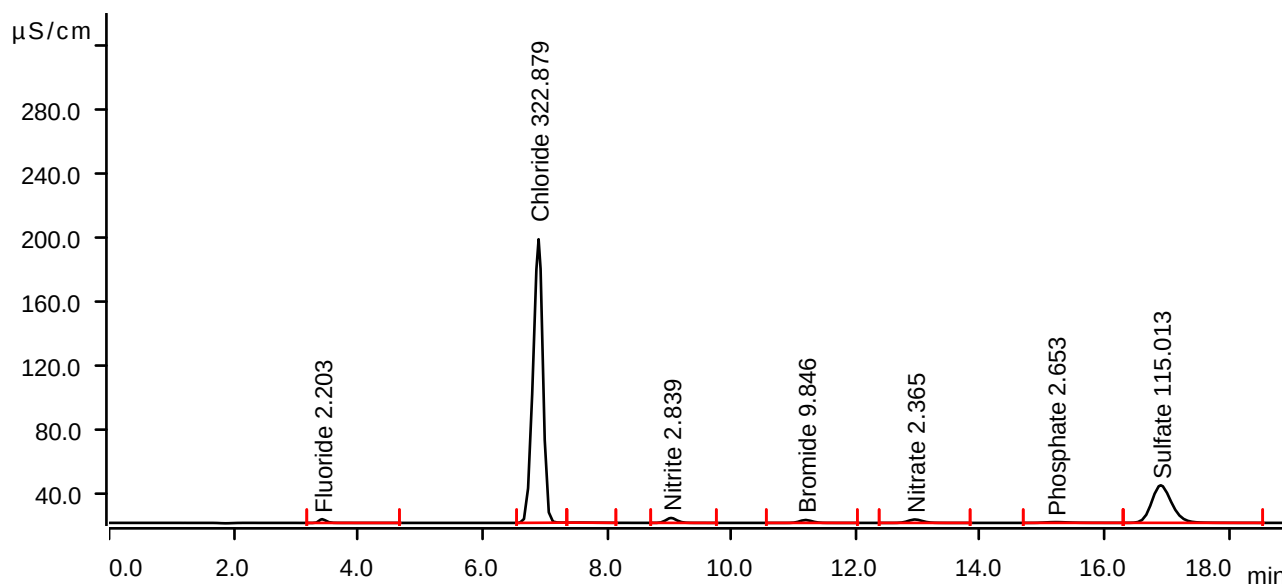
**Sample data**

Ident . . . . . Q1355-01MSD  
Sample type . . . . . Sample  
Determination start . . . . . 2025-02-11 15:32:28 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

**Anions**

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 11.94 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.425                 | 0.3239                | 2.356           | 2.203                | Fluoride       |
| 2           | 6.903                 | 32.2196               | 177.140         | 322.879              | Chloride       |
| 3           | 7.558                 | 0.0273                | 0.071           | invalid              |                |
| 4           | 9.032                 | 0.6319                | 3.075           | 2.839                | Nitrite        |
| 5           | 11.195                | 0.4307                | 1.810           | 9.846                | Bromide        |
| 6           | 12.950                | 0.5779                | 2.124           | 2.365                | Nitrate        |
| 7           | 15.210                | 0.2266                | 0.500           | 2.653                | Phosphate      |
| 8           | 16.900                | 8.8312                | 23.472          | 115.013              | Sulfate        |

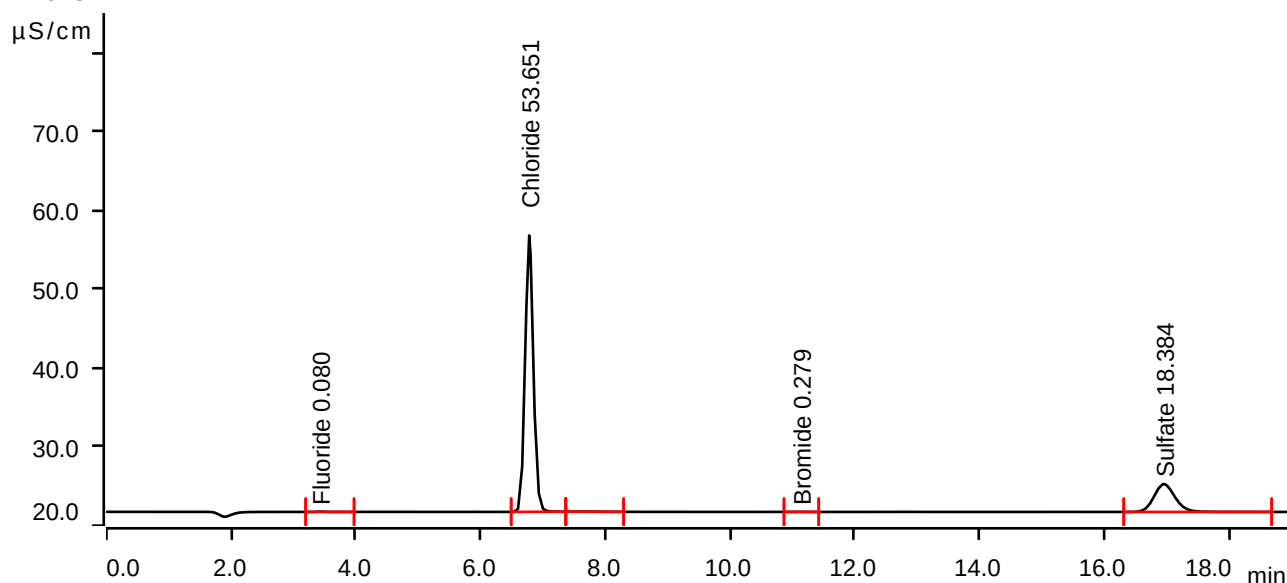
## Sample data

Ident . . . . . Q1355-01DLX5  
Sample type . . . . . Sample  
Determination start . . . . . 2025-02-11 15:54:03 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 11.94 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.422                 | 0.0078                | 0.051           | 0.080                | Fluoride       |
| 2           | 6.780                 | 5.3499                | 35.076          | 53.651               | Chloride       |
| 3           | 7.653                 | 0.0107                | 0.027           | invalid              |                |
| 4           | 11.132                | 0.0036                | 0.015           | 0.279                | Bromide        |
| 5           | 16.955                | 1.3855                | 3.546           | 18.384               | Sulfate        |

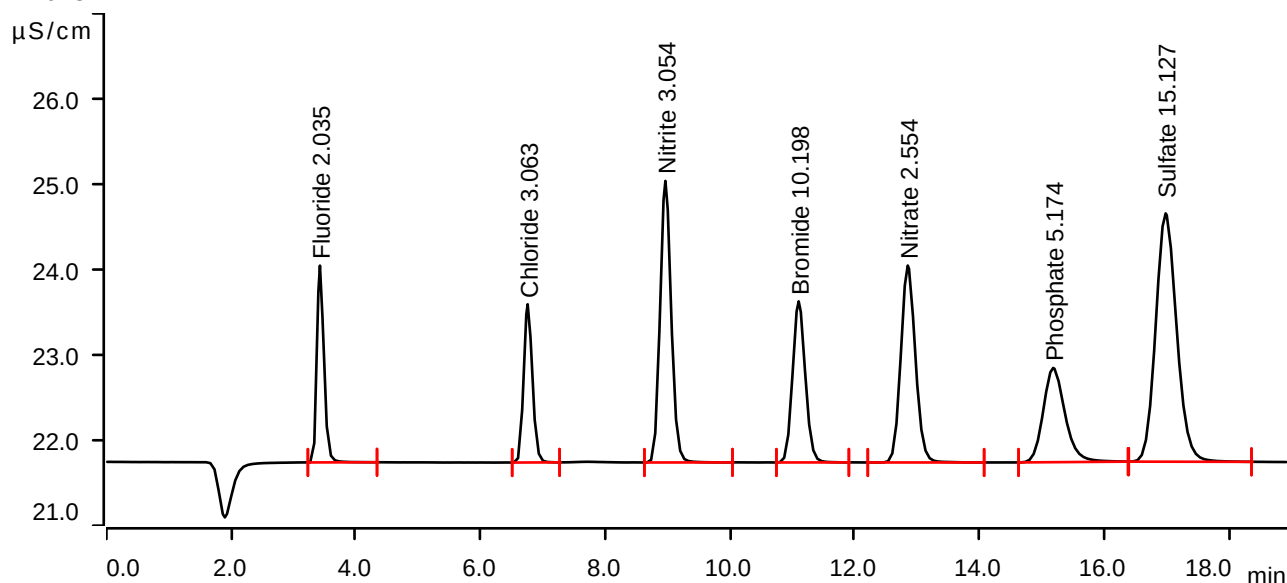
## Sample data

Ident . . . . . CCV  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2025-02-11 16:15:38 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 11.71 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.425                 | 0.2988                | 2.305           | 2.035                | Fluoride       |
| 2           | 6.755                 | 0.3011                | 1.853           | 3.063                | Chloride       |
| 3           | 8.963                 | 0.6813                | 3.298           | 3.054                | Nitrite        |
| 4           | 11.100                | 0.4464                | 1.887           | 10.198               | Bromide        |
| 5           | 12.848                | 0.6254                | 2.307           | 2.554                | Nitrate        |
| 6           | 15.180                | 0.4461                | 1.104           | 5.174                | Phosphate      |
| 7           | 16.983                | 1.1346                | 2.908           | 15.127               | Sulfate        |

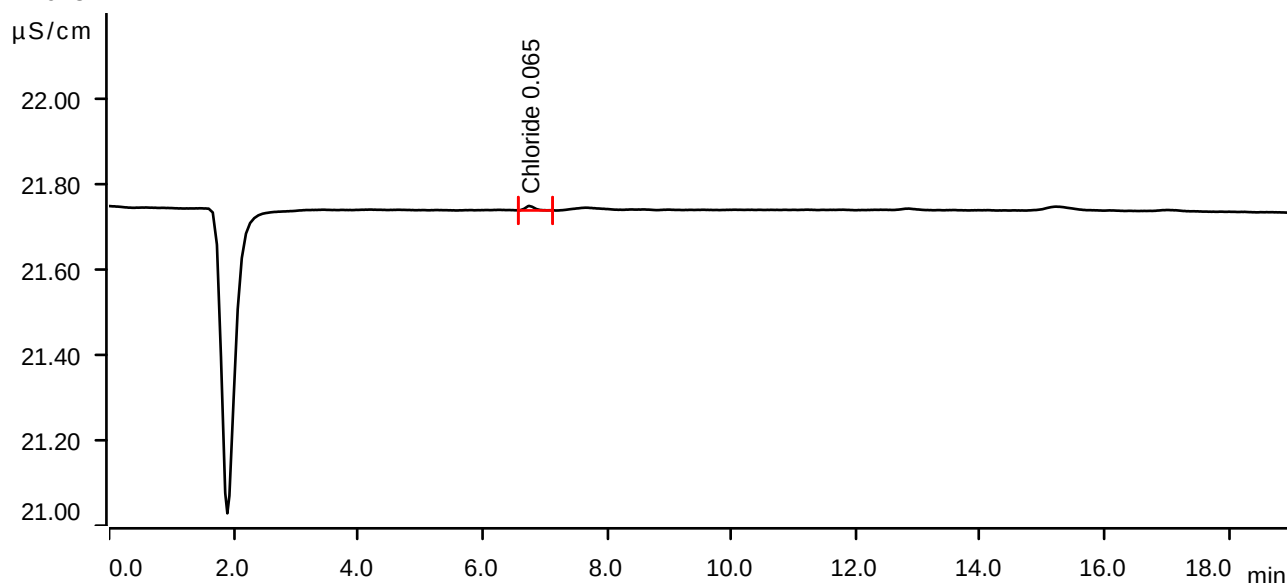
## Sample data

Ident . . . . . CCB  
Sample type . . . . . Sample  
Determination start . . . . . 2025-02-11 16:37:09 UTC-5  
Method . . . . . IC1-012025  
Operator . . . . .

## Anions

Data source . . . . . Conductivity detector 1 (Eco IC 1)  
Channel . . . . . Conductivity  
Recording time . . . . . 19.0 min  
Integration . . . . . Automatically  
Column type . . . . . Metrosep A Supp 19 - 150/4.0  
Eluent composition . . . . . not defined  
Flow . . . . . 0.700 mL/min  
Maximum flow monitored . . . . . yes  
Pressure . . . . . 11.54 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



| Peak number | Retention time | Area          | Height | Concentration | Component name |
|-------------|----------------|---------------|--------|---------------|----------------|
|             | min            | (µS/cm) x min | µS/cm  | ppm           |                |
| 1           | 6.752          | 0.0019        | 0.011  | 0.065         | Chloride       |