

| Ident             | Instrument IC-1 |         |         |         | Analyst: NF |          | Method: 300.0 / 9056A |            | Initial Analyst |                 |          |
|-------------------|-----------------|---------|---------|---------|-------------|----------|-----------------------|------------|-----------------|-----------------|----------|
|                   | Con F-          | Con CL- | Con NO2 | Con BR- | Con NO3     | Con HPO4 | Con SO4               |            |                 |                 |          |
| 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        |          |
| 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               | 1.981           | 2.987   | 2.979   | 9.958   | 2.482       | 4.961    | 14.829                | IC1-012025 | 1/27/2025 9:34  | 10 NF/IZ        |          |
| CCB               | 0               | 0       | 0       | 0       | 0           | 0        | 0                     | IC1-012025 | 1/27/2025 9:55  | 10 NF/IZ        |          |
| LB134435BLW       | 0               | 0       | 0       | 0       | 0           | 0        | 0                     | IC1-012025 | 1/27/2025 10:16 | 10 NF/IZ        |          |
| LB134435BSW       | 1.994           | 2.992   | 2.981   | 9.992   | 2.483       | 4.957    | 14.724                | IC1-012025 | 1/27/2025 10:38 | 10 NF/IZ        |          |
| Q1168-09          | 0.233           | 0.367   | 0.385   | 1.233   | 0.315       | 0.6      | 1.955                 | IC1-012025 | 1/27/2025 11:00 | 10 NF/IZ        |          |
| Q1168-09RE 0.25ML | 0.138           | 0.223   | 0.243   | 0.77    | 0.198       | 0.356    | 1.239                 | IC1-012025 | 1/27/2025 11:21 | 10 NF/IZ        |          |
| CCV               | 1.999           | 2.987   | 2.98    | 9.974   | 2.482       | 4.926    | 14.697                | IC1-012025 | 1/27/2025 11:43 | 10 NF/IZ        |          |
| CCB               | 0               | 0       | 0       | 0       | 0           | 0        | 0                     | IC1-012025 | 1/27/2025 12:04 | 10 NF/IZ        |          |

Clear table

Instrument ID: IC-2 Analyst: IZ Method: 300.0 / 9056A

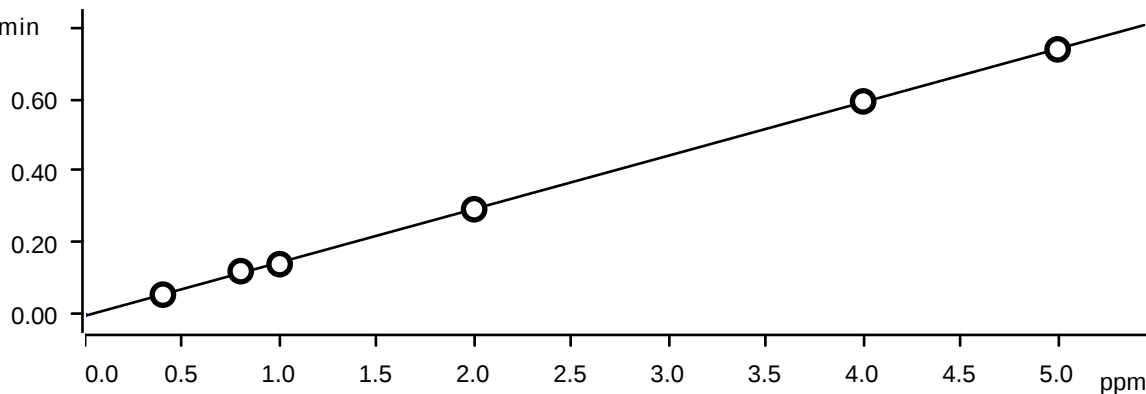
| ident | concentratio<br>tion F- | concentratio<br>n CL- | concentratio<br>on NO2 | concentratio<br>on BR- | concentratio<br>on NO3 | concentratio<br>on HPO4 | concentratio<br>on SO4 | file name    | date time       | Initial<br>wt/<br>Final | Analyst |
|-------|-------------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|--------------|-----------------|-------------------------|---------|
| 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  | -1.0000              | 0.3333                | 2.1667                | 0.9500                | 2.2000                | -0.6000                | 3.0000                |
| STD2  | 4.3750               | 4.8333                | 4.5000                | 4.6000                | 4.7000                | 4.4500                 | 5.4000                |
| STD3  | -3.3000              | -2.4667               | -2.2667               | -2.4200               | -2.3200               | -1.2400                | -2.6800               |
| STD4  | -0.2000              | -0.9000               | -1.3667               | -0.8800               | -1.2800               | -1.2800                | -1.7267               |
| STD5  | 0.4000               | -0.3833               | -0.4500               | -0.5650               | -0.7200               | -0.3000                | -0.7067               |
| STD6  | -0.2000              | 0.3600                | 0.4667                | 0.4760                | 0.6240                | 0.3360                 | 0.6973                |

# Fluoride (Anions)

( $\mu\text{S}/\text{cm}$ ) x min



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

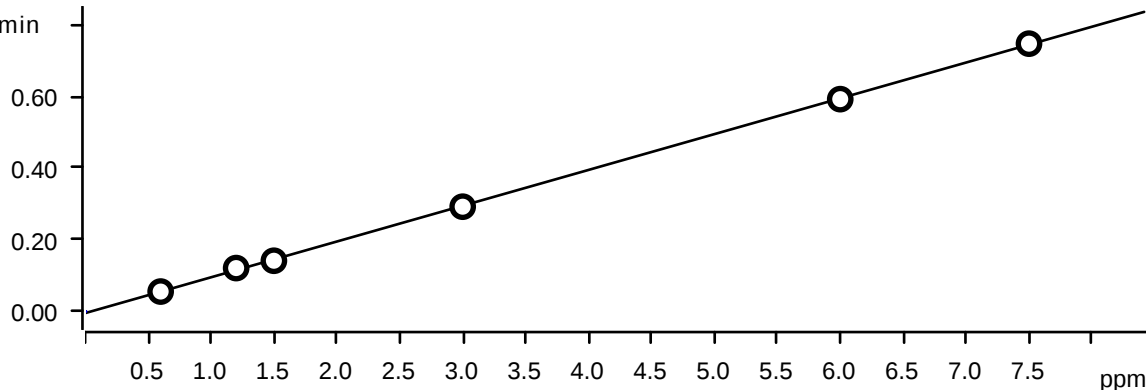
Relative standard deviation . . . . . 1.203859 %

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)

( $\mu\text{S}/\text{cm}$ ) x min



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

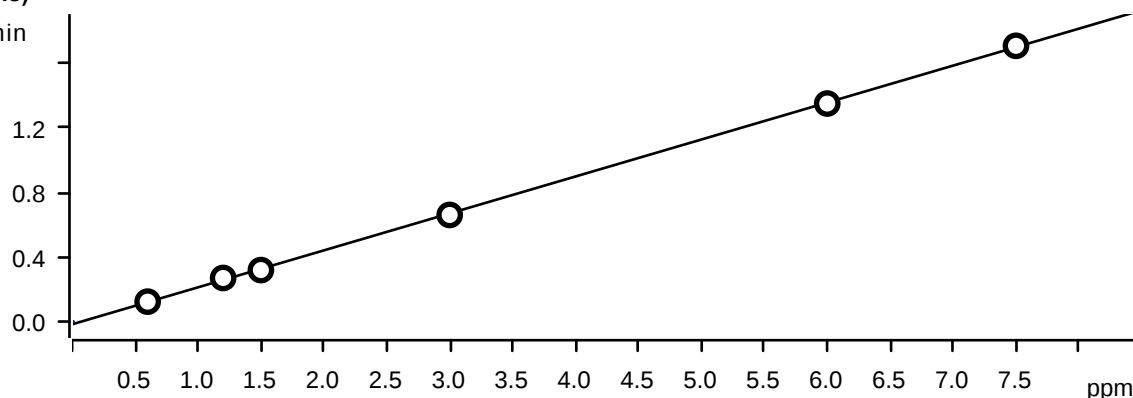
Relative standard deviation . . . . . 1.261416 %

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)

( $\mu\text{S}/\text{cm}$ )  $\times$  min



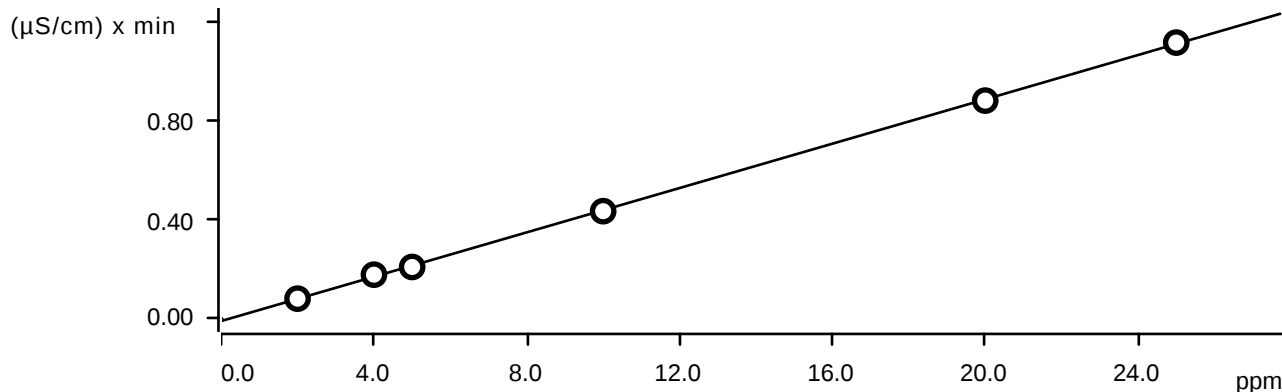
Function: . . . . .  $A = -0.0179856 + 0.0228967 \times Q$

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)



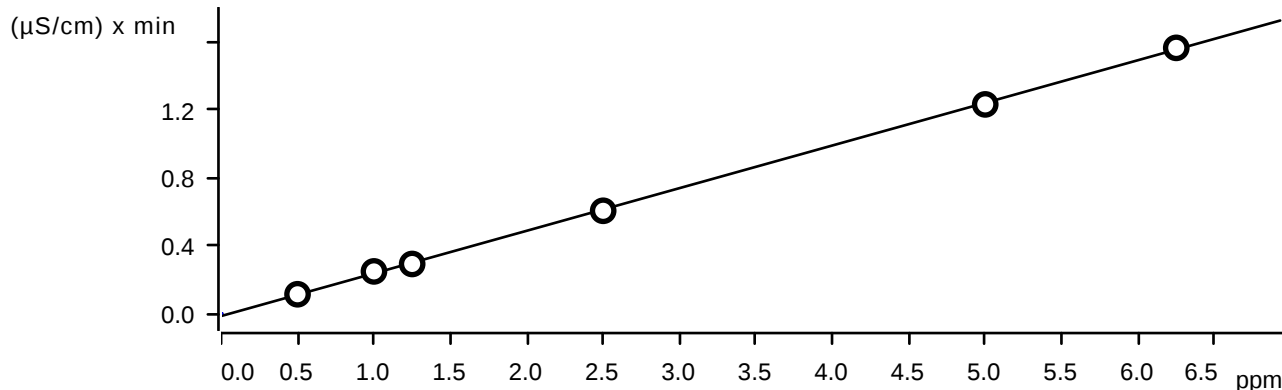
Function: . . . . .  $A = -8.89651E-3 + 4.46429E-3 \times Q$

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)

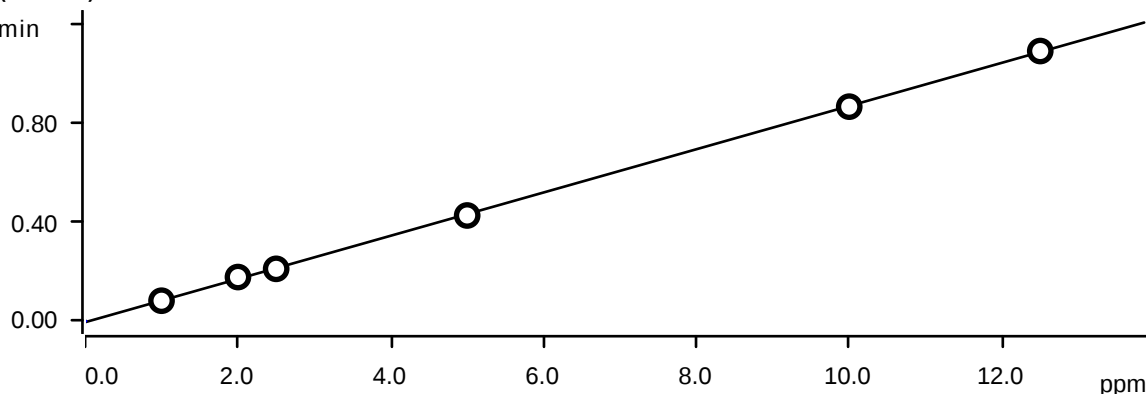


Function: . . . . .  $A = -0.0155875 + 0.0250988 \times Q$

Relative standard deviation . . . . . 1.561944 %

Correlation coefficient . . . . . 0.999873

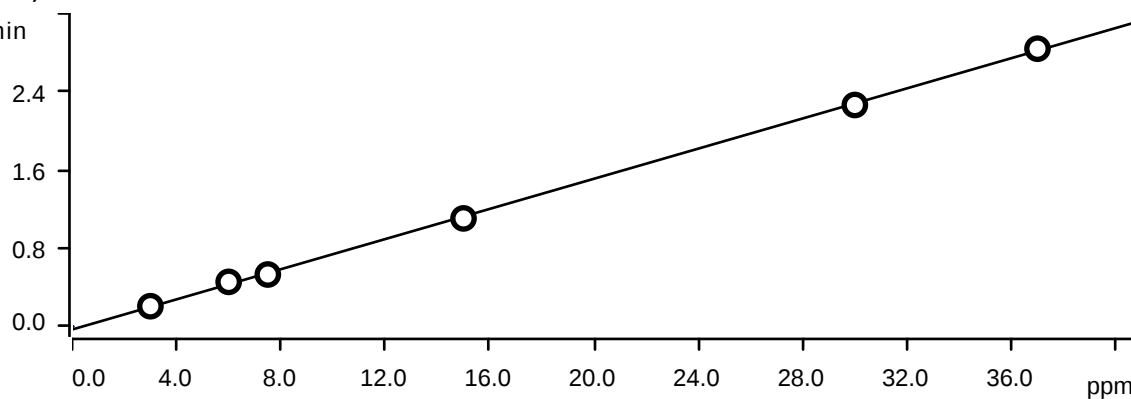
| Sample type | Index | Conc. | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|-------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000 | 10.0   | 1.0      | 1.0           | 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)** $(\mu\text{S/cm}) \times \text{min}$ 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

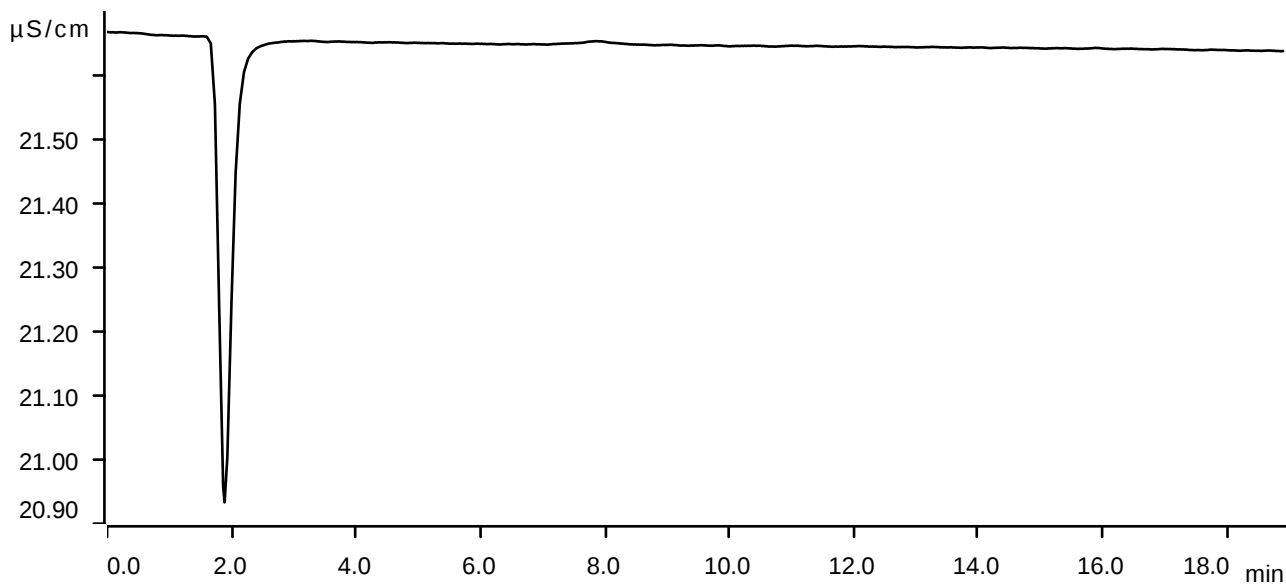
| Sample type | Index | Conc.  | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|--------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000  | 10.0   | 1.0      | 1.0           | 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**

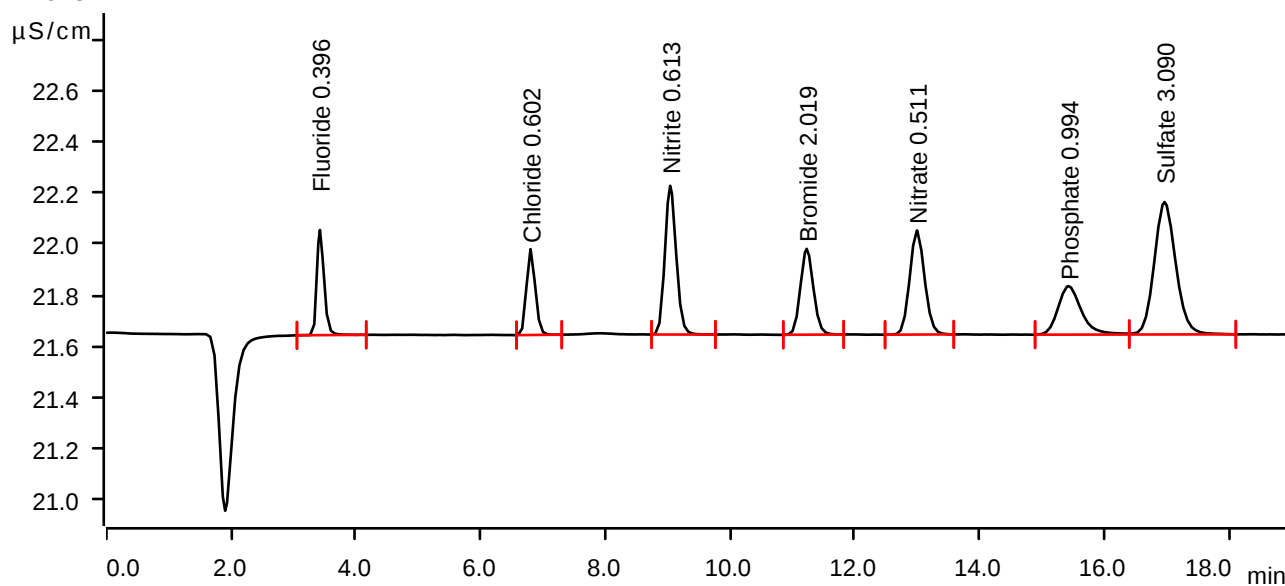
## Sample data

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        |

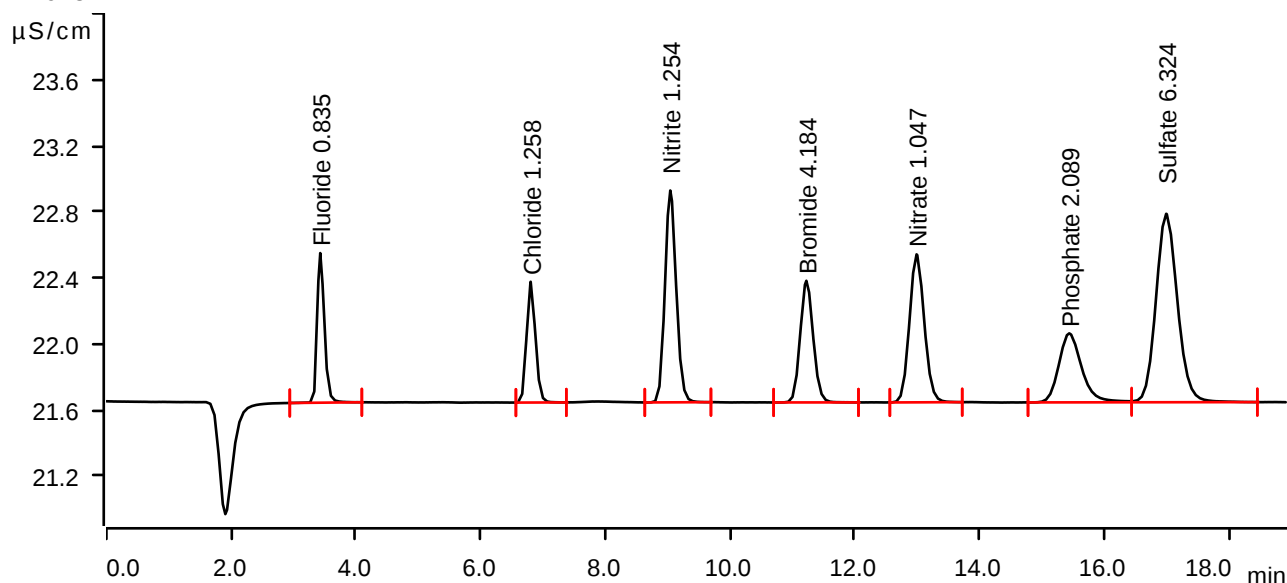
## Sample data

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        |

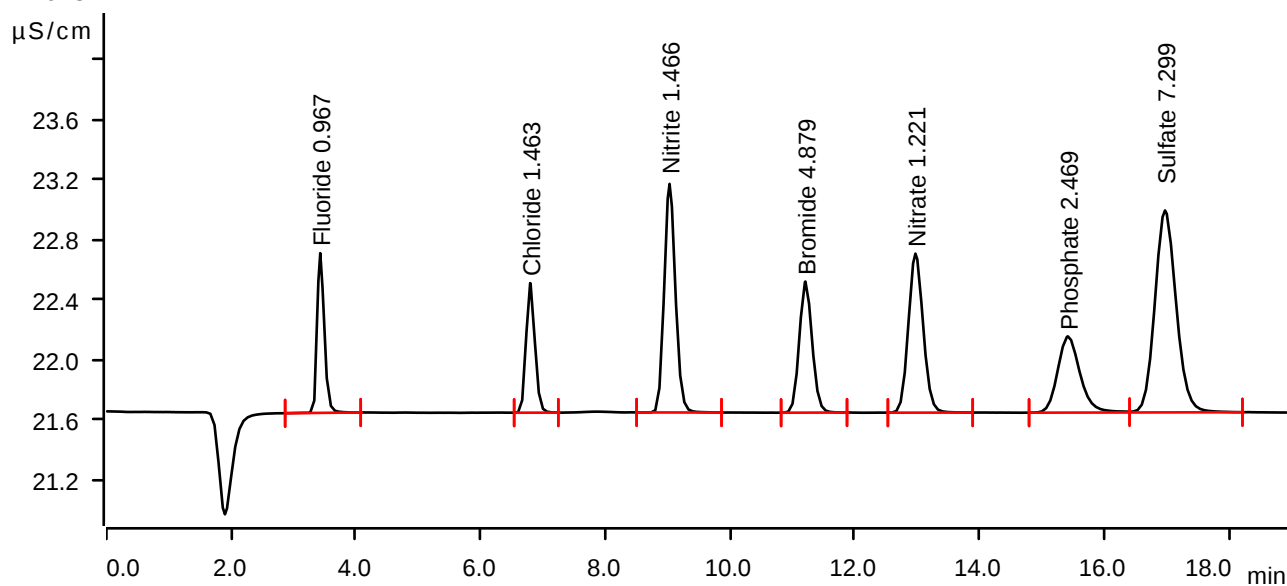
## Sample data

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        |

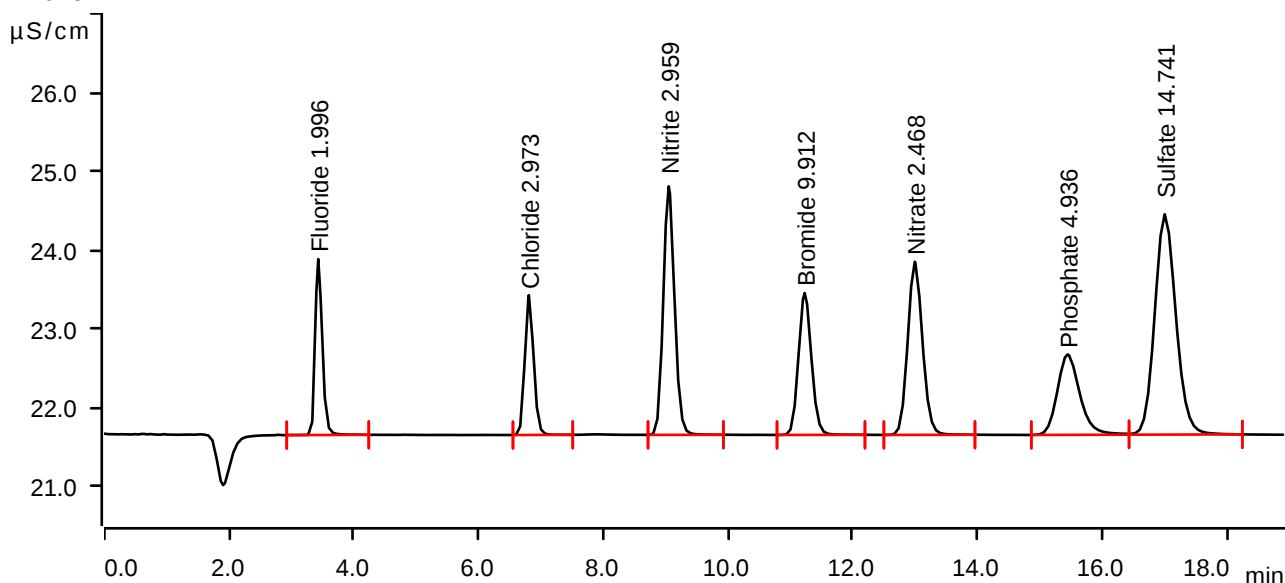
## Sample data

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        |

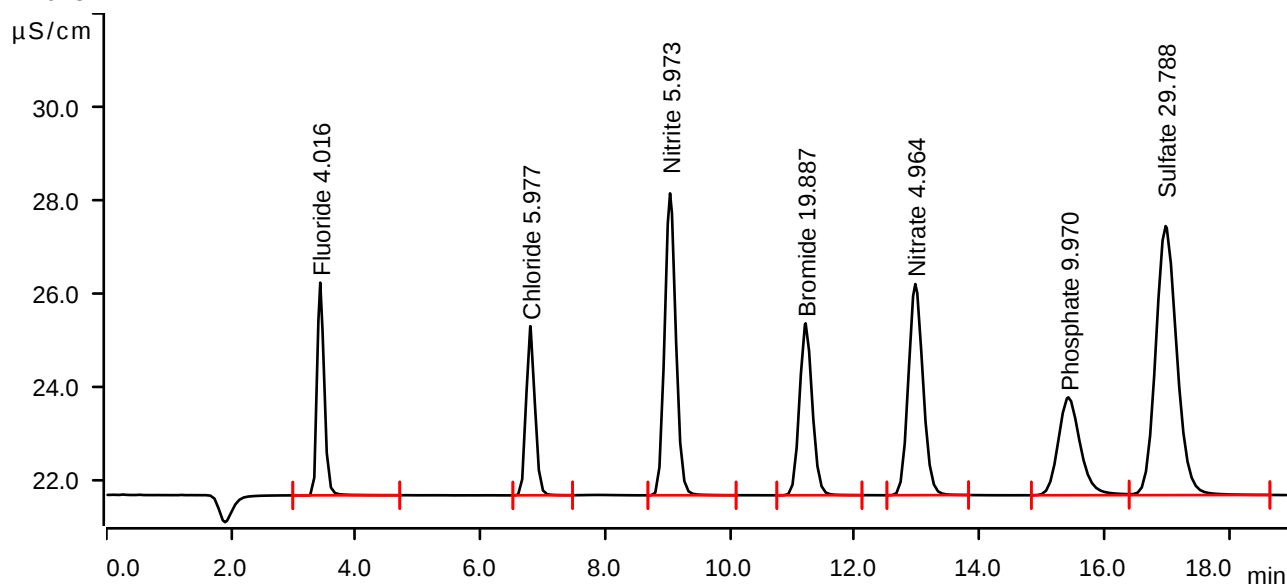
## Sample data

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        |

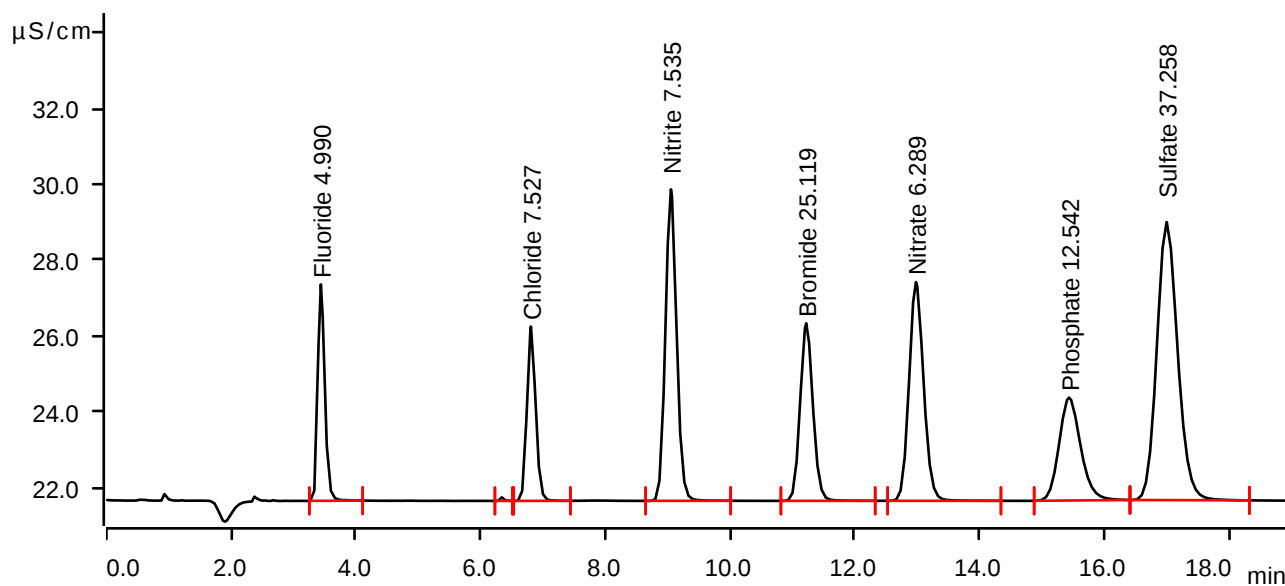
**Sample data**

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        |

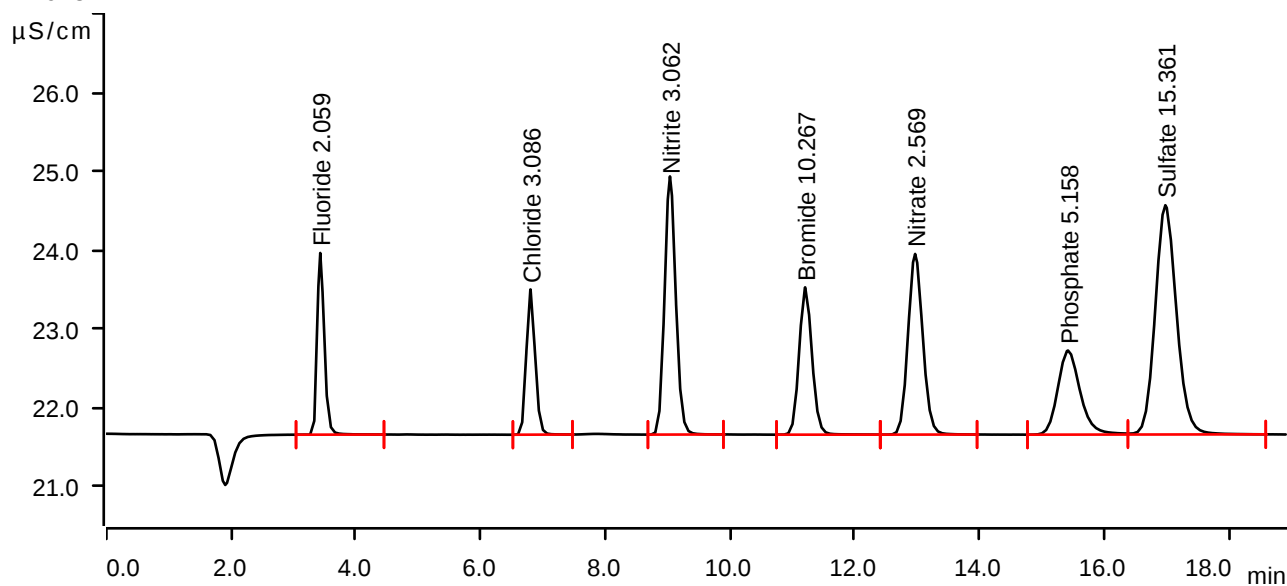
## Sample data

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        |

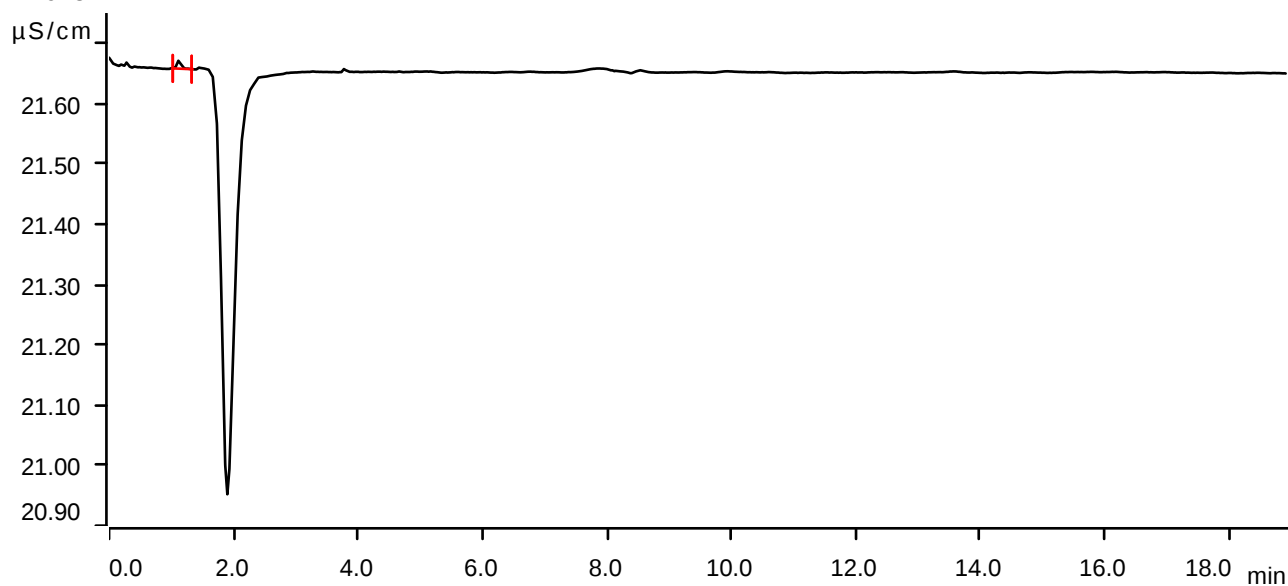
## Sample data

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       |                |

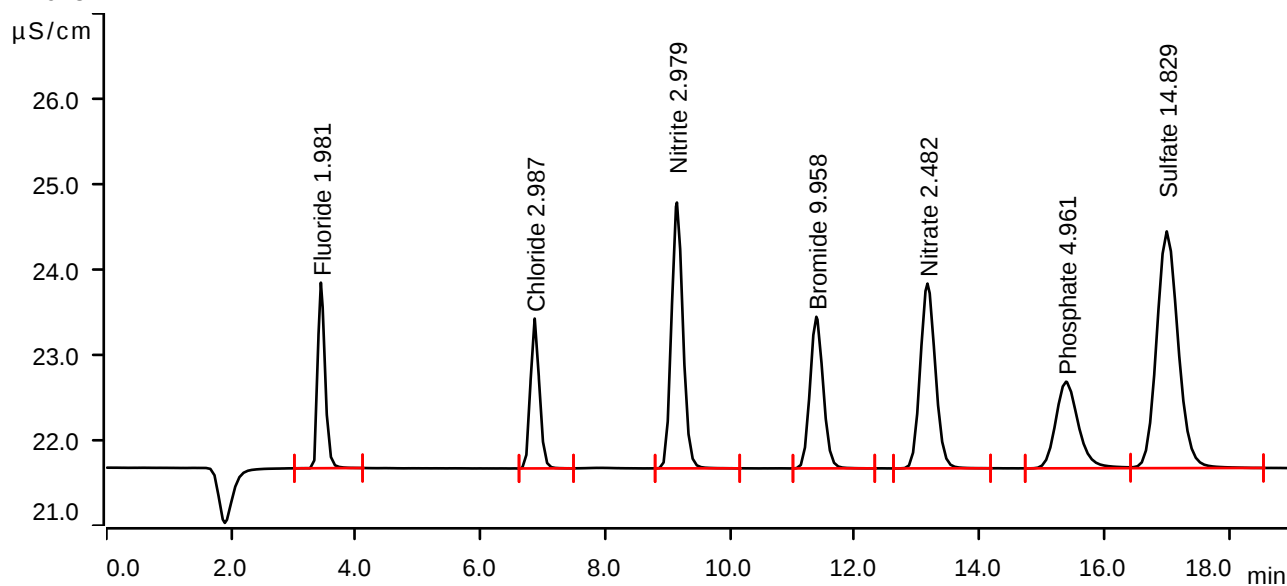
## Sample data

Ident . . . . . CCV  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2025-01-27 09:34:05 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 . . . . . 12.39 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



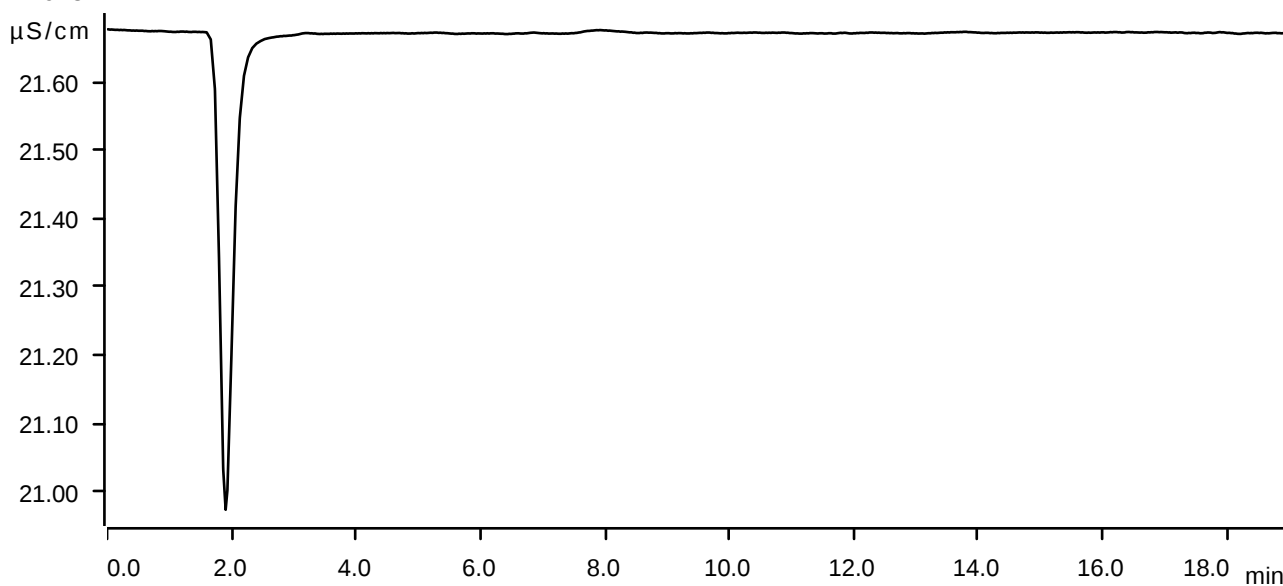
| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.440                 | 0.2908                | 2.174           | 1.981                | Fluoride       |
| 2           | 6.867                 | 0.2934                | 1.755           | 2.987                | Chloride       |
| 3           | 9.148                 | 0.6641                | 3.114           | 2.979                | Nitrite        |
| 4           | 11.383                | 0.4357                | 1.776           | 9.958                | Bromide        |
| 5           | 13.165                | 0.6074                | 2.165           | 2.482                | Nitrate        |
| 6           | 15.387                | 0.4276                | 1.014           | 4.961                | Phosphate      |
| 7           | 17.002                | 1.1116                | 2.773           | 14.829               | Sulfate        |

**Sample data**

Ident . . . . . CCB  
Sample type . . . . . Sample  
Determination start . . . . . 2025-01-27 09:55:27 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 . . . . . 12.16 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

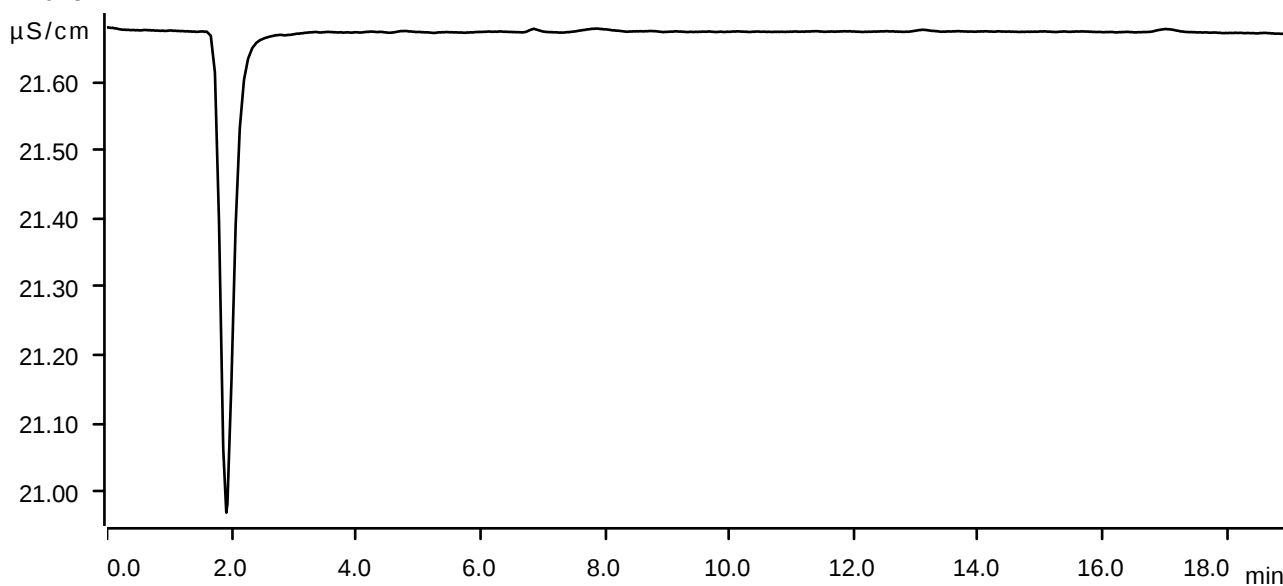
**Anions**

**Sample data**

Ident . . . . . LB134435BLW  
Sample type . . . . . Sample  
Determination start . . . . . 2025-01-27 10:16:58 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**

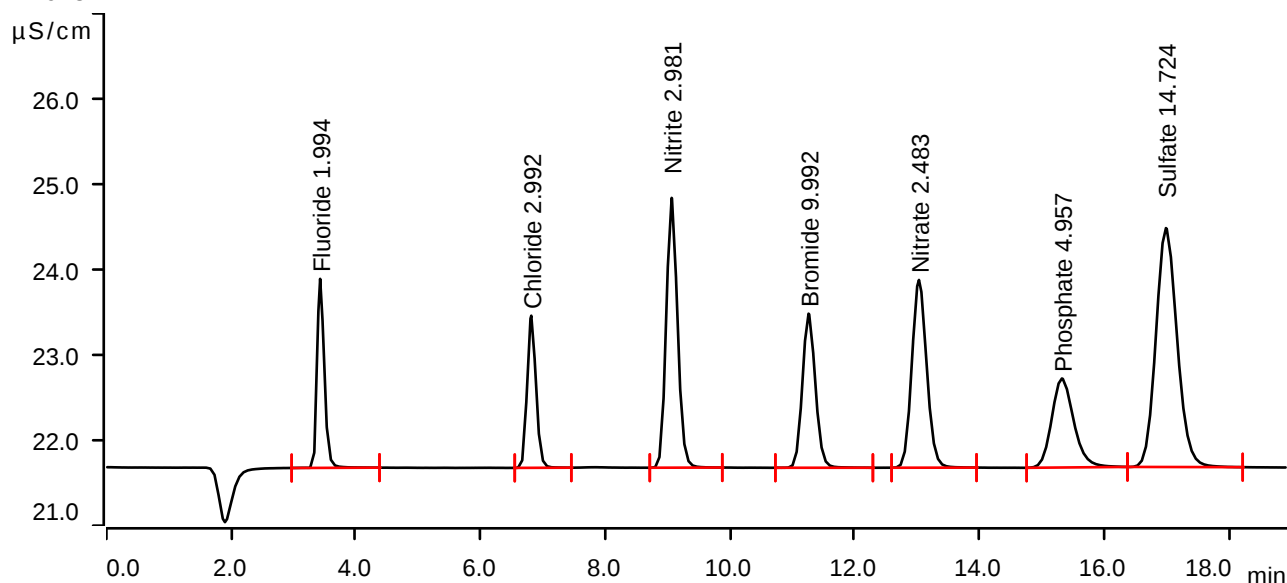
## Sample data

Ident . . . . . LB134435BSW  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2025-01-27 10:38:28 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 . . . . . 11.99 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           | 3.428                 | 0.2928                | 2.214           | 1.994                | Fluoride       |
| 2           | 6.813                 | 0.2939                | 1.782           | 2.992                | Chloride       |
| 3           | 9.063                 | 0.6647                | 3.160           | 2.981                | Nitrite        |
| 4           | 11.258                | 0.4372                | 1.805           | 9.992                | Bromide        |
| 5           | 13.028                | 0.6075                | 2.199           | 2.483                | Nitrate        |
| 6           | 15.320                | 0.4272                | 1.043           | 4.957                | Phosphate      |
| 7           | 16.988                | 1.1035                | 2.799           | 14.724               | Sulfate        |

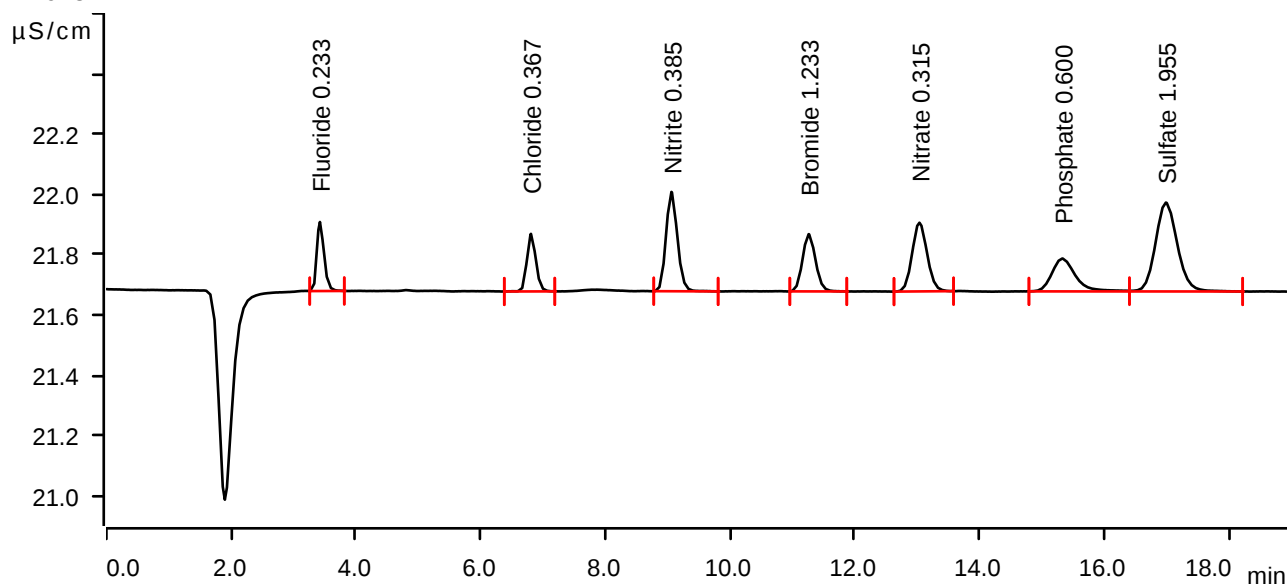
## Sample data

Ident . . . . . Q1168-09  
Sample type . . . . . Sample  
Determination start . . . . . 2025-01-27 11:00:01 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 . . . . . 12.05 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                 | 0.0307                | 0.229           | 0.233                | Fluoride       |
| 2           | 6.808                 | 0.0320                | 0.191           | 0.367                | Chloride       |
| 3           | 9.060                 | 0.0701                | 0.330           | 0.385                | Nitrite        |
| 4           | 11.260                | 0.0461                | 0.190           | 1.233                | Bromide        |
| 5           | 13.037                | 0.0636                | 0.228           | 0.315                | Nitrate        |
| 6           | 15.325                | 0.0478                | 0.109           | 0.600                | Phosphate      |
| 7           | 16.987                | 0.1196                | 0.295           | 1.955                | Sulfate        |

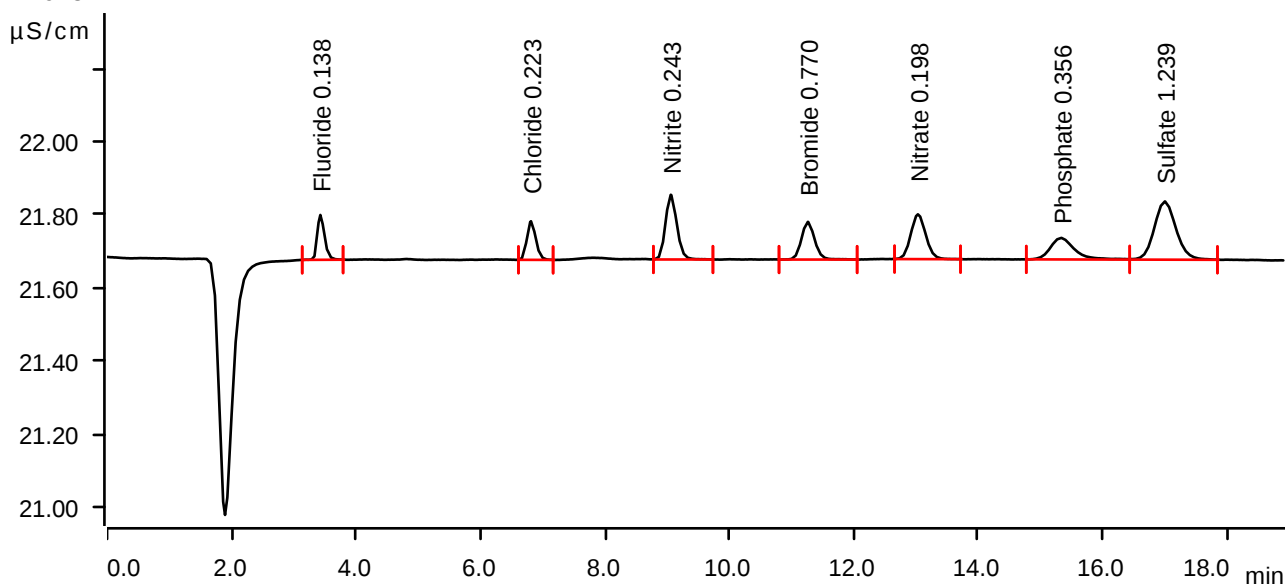
## Sample data

Ident . . . . . Q1168-09RE 0.25ML  
 Sample type . . . . . Sample  
 Determination start . . . . . 2025-01-27 11:21:35 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 . . . . . 12.05 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           | 3.428                 | 0.0165                | 0.123           | 0.138                | Fluoride       |
| 2           | 6.813                 | 0.0176                | 0.106           | 0.223                | Chloride       |
| 3           | 9.060                 | 0.0377                | 0.177           | 0.243                | Nitrite        |
| 4           | 11.262                | 0.0255                | 0.103           | 0.770                | Bromide        |
| 5           | 13.032                | 0.0342                | 0.122           | 0.198                | Nitrate        |
| 6           | 15.338                | 0.0266                | 0.059           | 0.356                | Phosphate      |
| 7           | 16.998                | 0.0644                | 0.159           | 1.239                | Sulfate        |

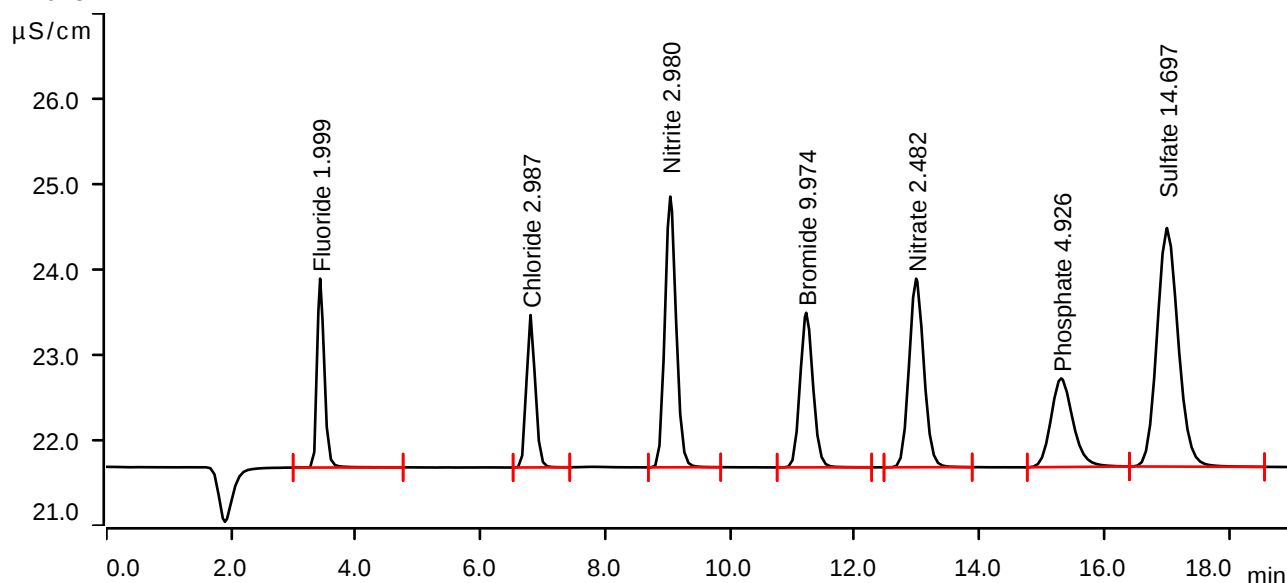
## Sample data

Ident . . . . . CCV  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2025-01-27 11:43:10 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           | 3.428                 | 0.2935                | 2.213           | 1.999                | Fluoride       |
| 2           | 6.802                 | 0.2935                | 1.785           | 2.987                | Chloride       |
| 3           | 9.042                 | 0.6644                | 3.172           | 2.980                | Nitrite        |
| 4           | 11.222                | 0.4364                | 1.811           | 9.974                | Bromide        |
| 5           | 12.983                | 0.6074                | 2.210           | 2.482                | Nitrate        |
| 6           | 15.308                | 0.4245                | 1.038           | 4.926                | Phosphate      |
| 7           | 17.005                | 1.1014                | 2.794           | 14.697               | Sulfate        |

**Sample data**

Ident . . . . . CCB  
Sample type . . . . . Sample  
Determination start . . . . . 2025-01-27 12:04:40 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**