

| Instrument IC-1 |        |         | Analyst: NF |         | Method: 300.0 / 9056A |          | Initial wt/Fina Analyst |             |                 |                         |
|-----------------|--------|---------|-------------|---------|-----------------------|----------|-------------------------|-------------|-----------------|-------------------------|
| Ident           | Con F- | Con CL- | Con NO2     | Con BR- | Con NO3               | Con HPO4 | Con SO4                 | Method name | date time       | Initial wt/Fina Analyst |
| STD1            | 0.000  | 0.000   | 0.000       | 0.000   | 0.000                 | 0.000    | 0.000                   | IC1-042225  | 4/22/2025 10:37 | 10 NF/IZ                |
| STD2            | 0.431  | 0.651   | 0.655       | 2.172   | 0.551                 | 1.090    | 3.366                   | IC1-042225  | 4/22/2025 10:59 | 10 NF/IZ                |
| STD3            | 0.810  | 1.217   | 1.222       | 4.049   | 1.011                 | 2.010    | 6.091                   | IC1-042225  | 4/22/2025 11:20 | 10 NF/IZ                |
| STD4            | 0.984  | 1.509   | 1.498       | 5.011   | 1.250                 | 2.445    | 7.369                   | IC1-042225  | 4/22/2025 11:42 | 10 NF/IZ                |
| STD5            | 1.938  | 2.914   | 2.916       | 9.735   | 2.424                 | 4.860    | 14.361                  | IC1-042225  | 4/22/2025 12:03 | 10 NF/IZ                |
| STD6            | 4.065  | 5.918   | 5.915       | 19.752  | 4.949                 | 10.183   | 30.380                  | IC1-042225  | 4/22/2025 12:25 | 10 NF/IZ                |
| STD7            | 4.972  | 7.591   | 7.594       | 25.280  | 6.316                 | 12.412   | 36.933                  | IC1-042225  | 4/22/2025 12:46 | 10 NF/IZ                |
| ICV             | 2.034  | 3.100   | 3.074       | 10.246  | 2.611                 | 5.165    | 15.120                  | IC1-042225  | 4/22/2025 13:07 | 10 NF/IZ                |
| ICB             | 0.000  | 0.000   | 0.000       | 0.000   | 0.000                 | 0.000    | 0.000                   | IC1-042225  | 4/22/2025 13:58 | 10 NF/IZ                |
| CCV             | 2.117  | 3.224   | 3.179       | 10.682  | 2.720                 | 5.382    | 15.636                  | IC1-042225  | 4/23/2025 9:40  | 10 NF/IZ                |
| CCB             | 0.000  | 0.000   | 0.000       | 0.000   | 0.000                 | 0.000    | 0.000                   | IC1-042225  | 4/23/2025 10:01 | 10 NF/IZ                |
| LB135527BLS     | 0.000  | 0.000   | 0.000       | 0.000   | 0.000                 | 0.000    | 0.000                   | IC1-042225  | 4/23/2025 10:23 | 5.00g/100mL NF/IZ       |
| LB135527BSS     | 2.089  | 3.199   | 3.159       | 10.605  | 2.697                 | 5.320    | 15.470                  | IC1-042225  | 4/23/2025 10:44 | 5.00g/100mL NF/IZ       |
| Q1858-01        | 0.088  | 1.462   | 0.000       | 0.000   | 0.460                 | 0.000    | 23.380                  | IC1-042225  | 4/23/2025 11:06 | 5.04g/100mL NF/IZ       |
| Q1858-01MS      | 1.817  | 4.484   | 3.160       | 10.607  | 2.987                 | 3.624    | 36.826                  | IC1-042225  | 4/23/2025 11:27 | 5.03g/100mL NF/IZ       |
| Q1858-01MSD     | 1.786  | 4.448   | 3.160       | 10.612  | 2.981                 | 3.651    | 36.872                  | IC1-042225  | 4/23/2025 11:49 | 5.01g/100mL NF/IZ       |
| Q1858-02        | 0.096  | 2.003   | 0.000       | 0.000   | 0.830                 | 0.000    | 26.749                  | IC1-042225  | 4/23/2025 12:10 | 5.02g/100mL NF/IZ       |
| Q1858-03        | 0.076  | 0.963   | 0.000       | 0.000   | 0.257                 | 0.000    | 16.616                  | IC1-042225  | 4/23/2025 12:32 | 5.04g/100mL NF/IZ       |
| Q1859-01        | 0.187  | 0.193   | 0.000       | 0.000   | 0.139                 | 0.000    | 0.716                   | IC1-042225  | 4/23/2025 12:53 | 5.01g/100mL NF/IZ       |
| Q1859-02        | 0.330  | 3.705   | 0.000       | 0.000   | 0.081                 | 0.000    | 3.948                   | IC1-042225  | 4/23/2025 13:15 | 5.02g/100mL NF/IZ       |
| Q1859-03        | 0.338  | 3.367   | 0.000       | 0.000   | 0.092                 | 0.000    | 3.158                   | IC1-042225  | 4/23/2025 13:36 | 5.05g/100mL NF/IZ       |
| CCV             | 2.083  | 3.198   | 3.168       | 10.605  | 2.699                 | 5.348    | 15.475                  | IC1-042225  | 4/23/2025 13:58 | 10 NF/IZ                |
| CCB             | 0.000  | 0.000   | 0.000       | 0.000   | 0.000                 | 0.000    | 0.000                   | IC1-042225  | 4/23/2025 14:20 | 10 NF/IZ                |

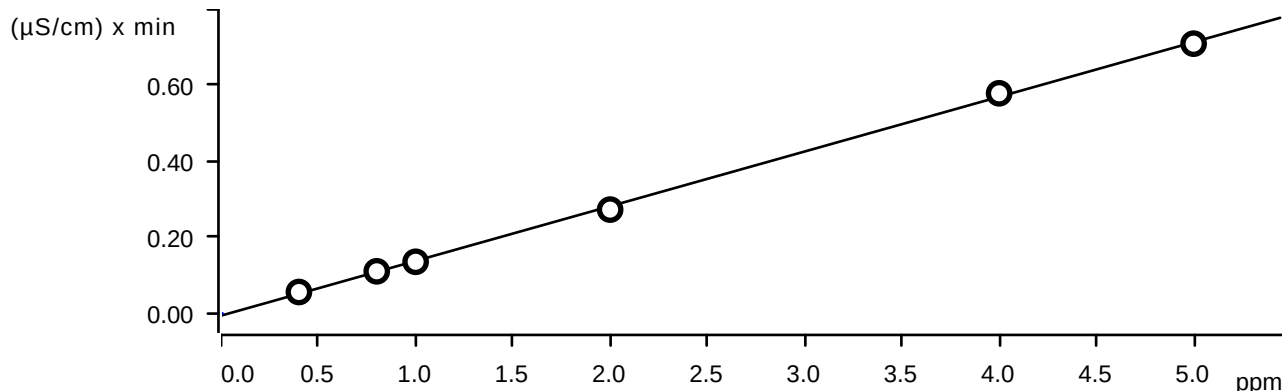
Clear table

| 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                                                  | 0.0000               | 0.0000                | 0.0000                 | 0.0000                 | 0.0000                 | 0.0000                  | 0.0000                 | IC1-042225 | 4/22/2025 10:37 | 10                      | NF/IZ   |
| STD2                                                  | 0.4310               | 0.6510                | 0.6550                 | 2.1720                 | 0.5510                 | 1.0900                  | 3.3660                 | IC1-042225 | 4/22/2025 10:59 | 10                      | NF/IZ   |
| STD3                                                  | 0.8100               | 1.2170                | 1.2220                 | 4.0490                 | 1.0110                 | 2.0100                  | 6.0910                 | IC1-042225 | 4/22/2025 11:20 | 10                      | NF/IZ   |
| STD4                                                  | 0.9840               | 1.5090                | 1.4980                 | 5.0110                 | 1.2500                 | 2.4450                  | 7.3690                 | IC1-042225 | 4/22/2025 11:42 | 10                      | NF/IZ   |
| STD5                                                  | 1.9380               | 2.9140                | 2.9160                 | 9.7350                 | 2.4240                 | 4.8600                  | 14.3610                | IC1-042225 | 4/22/2025 12:03 | 10                      | NF/IZ   |
| STD6                                                  | 4.0650               | 5.9180                | 5.9150                 | 19.7520                | 4.9490                 | 10.1830                 | 30.3800                | IC1-042225 | 4/22/2025 12:25 | 10                      | NF/IZ   |
| STD7                                                  | 4.9720               | 7.5910                | 7.5940                 | 25.2800                | 6.3160                 | 12.4120                 | 36.9330                | IC1-042225 | 4/22/2025 12:46 | 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  | 7.7500               | 8.5000                | 9.1667                | 8.6000                | 10.2000               | 9.0000                 | 12.2000               |
| STD3  | 1.2500               | 1.4167                | 1.8333                | 1.2250                | 1.1000                | 0.5000                 | 1.5167                |
| STD4  | -1.6000              | 0.6000                | -0.1333               | 0.2200                | 0.0000                | -2.2000                | -1.7467               |
| STD5  | -3.1000              | -2.8667               | -2.8000               | -2.6500               | -3.0400               | -2.8000                | -4.2600               |
| STD6  | 1.6250               | -1.3667               | -1.4167               | -1.2400               | -1.0200               | 1.8300                 | 1.2667                |
| STD7  | -0.5600              | 1.2133                | 1.2533                | 1.1200                | 1.0560                | -0.7040                | -0.1811               |

# Fluoride (Anions)



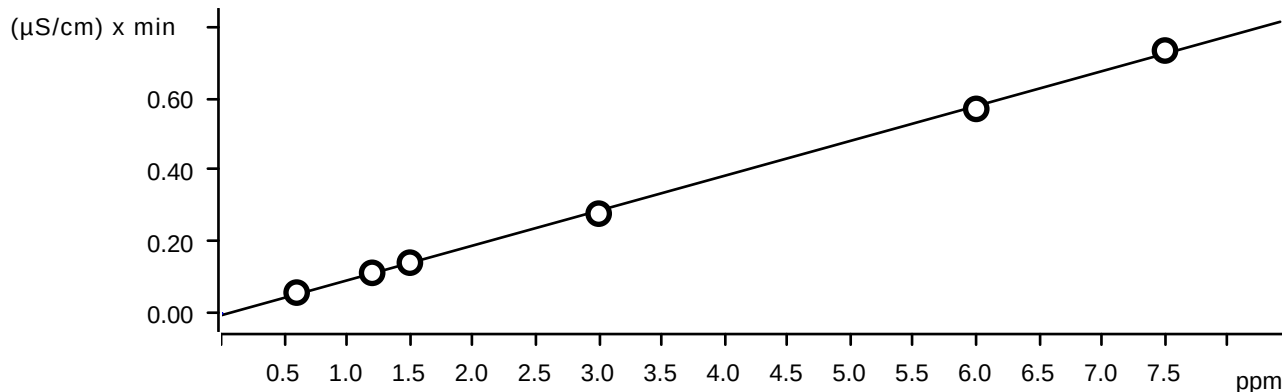
Function: . . . . .  $A = - 6.13443E-3 + 0.0144025 \times Q$

Relative standard deviation . . . . . 2.337762 %

Correlation coefficient . . . . . 0.999714

| 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  | 2025-04-22 10:37:58 UTC-4 | used |
| Standard 2  | 1     | 0.400 | 10.0   | 1.0      | 1.0           | 0.056 | STD2  | 2025-04-22 10:59:20 UTC-4 | used |
| Standard 3  | 1     | 0.800 | 10.0   | 1.0      | 1.0           | 0.110 | STD3  | 2025-04-22 11:20:44 UTC-4 | used |
| Standard 4  | 1     | 1.000 | 10.0   | 1.0      | 1.0           | 0.136 | STD4  | 2025-04-22 11:42:09 UTC-4 | used |
| Standard 5  | 1     | 2.000 | 10.0   | 1.0      | 1.0           | 0.273 | STD5  | 2025-04-22 12:03:34 UTC-4 | used |
| Standard 6  | 1     | 4.000 | 10.0   | 1.0      | 1.0           | 0.579 | STD6  | 2025-04-22 12:25:01 UTC-4 | used |
| Standard 7  | 1     | 5.000 | 10.0   | 1.0      | 1.0           | 0.710 | STD7  | 2025-04-22 12:46:28 UTC-4 | used |

# Chloride (Anions)



Function: . . . . .  $A = - 5.12446E-3 + 9.72422E-3 \times Q$

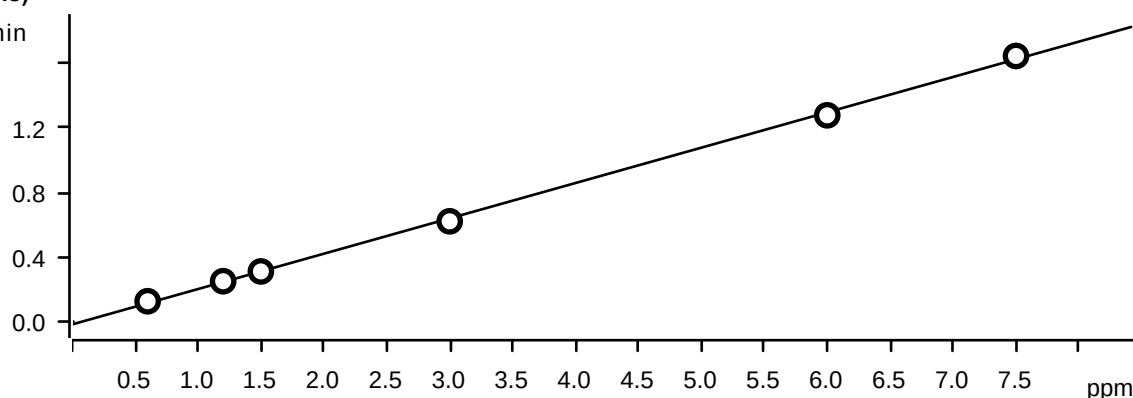
Relative standard deviation . . . . . 2.452549 %

Correlation coefficient . . . . . 0.999683

| 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  | 2025-04-22 10:37:58 UTC-4 | used |
| Standard 2  | 1     | 0.600 | 10.0   | 1.0      | 1.0           | 0.058 | STD2  | 2025-04-22 10:59:20 UTC-4 | used |
| Standard 3  | 1     | 1.200 | 10.0   | 1.0      | 1.0           | 0.113 | STD3  | 2025-04-22 11:20:44 UTC-4 | used |
| Standard 4  | 1     | 1.500 | 10.0   | 1.0      | 1.0           | 0.142 | STD4  | 2025-04-22 11:42:09 UTC-4 | used |
| Standard 5  | 1     | 3.000 | 10.0   | 1.0      | 1.0           | 0.278 | STD5  | 2025-04-22 12:03:34 UTC-4 | used |
| Standard 6  | 1     | 6.000 | 10.0   | 1.0      | 1.0           | 0.570 | STD6  | 2025-04-22 12:25:01 UTC-4 | used |
| Standard 7  | 1     | 7.500 | 10.0   | 1.0      | 1.0           | 0.733 | STD7  | 2025-04-22 12:46:28 UTC-4 | used |

**Nitrite (Anions)**

(μS/cm) x min

Function: . . . . .  $A = -0.0187238 + 0.0219021 \times Q$ 

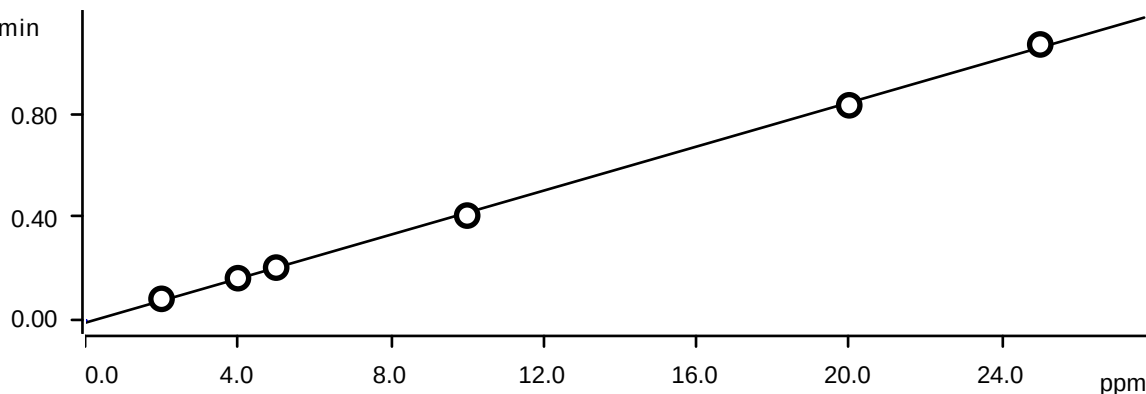
Relative standard deviation . . . . . 2.531721 %

Correlation coefficient . . . . . 0.999669

| 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  | 2025-04-22 10:37:58 UTC-4 | used |
| Standard 2  | 1     | 0.600 | 10.0   | 1.0      | 1.0           | 0.125 | STD2  | 2025-04-22 10:59:20 UTC-4 | used |
| Standard 3  | 1     | 1.200 | 10.0   | 1.0      | 1.0           | 0.249 | STD3  | 2025-04-22 11:20:44 UTC-4 | used |
| Standard 4  | 1     | 1.500 | 10.0   | 1.0      | 1.0           | 0.309 | STD4  | 2025-04-22 11:42:09 UTC-4 | used |
| Standard 5  | 1     | 3.000 | 10.0   | 1.0      | 1.0           | 0.620 | STD5  | 2025-04-22 12:03:34 UTC-4 | used |
| Standard 6  | 1     | 6.000 | 10.0   | 1.0      | 1.0           | 1.277 | STD6  | 2025-04-22 12:25:01 UTC-4 | used |
| Standard 7  | 1     | 7.500 | 10.0   | 1.0      | 1.0           | 1.644 | STD7  | 2025-04-22 12:46:28 UTC-4 | used |

# Bromide (Anions)

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



Function:  $A = -9.36439E-3 + 4.26318E-3 \times Q$

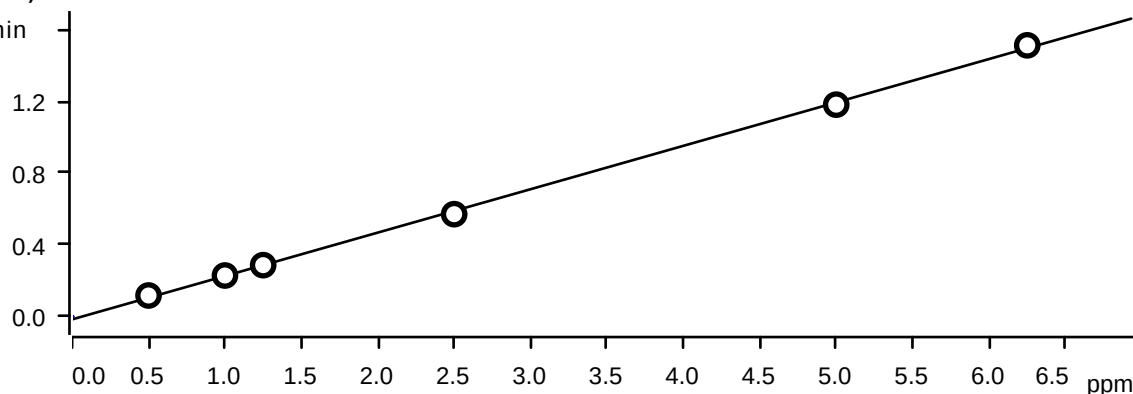
Relative standard deviation: 2.280508 %

Correlation coefficient: 0.999728

| 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  | 2025-04-22 10:37:58 UTC-4 | used |
| Standard 2  | 1     | 2.000  | 10.0   | 1.0      | 1.0           | 0.083 | STD2  | 2025-04-22 10:59:20 UTC-4 | used |
| Standard 3  | 1     | 4.000  | 10.0   | 1.0      | 1.0           | 0.163 | STD3  | 2025-04-22 11:20:44 UTC-4 | used |
| Standard 4  | 1     | 5.000  | 10.0   | 1.0      | 1.0           | 0.204 | STD4  | 2025-04-22 11:42:09 UTC-4 | used |
| Standard 5  | 1     | 10.000 | 10.0   | 1.0      | 1.0           | 0.406 | STD5  | 2025-04-22 12:03:34 UTC-4 | used |
| Standard 6  | 1     | 20.000 | 10.0   | 1.0      | 1.0           | 0.833 | STD6  | 2025-04-22 12:25:01 UTC-4 | used |
| Standard 7  | 1     | 25.000 | 10.0   | 1.0      | 1.0           | 1.068 | STD7  | 2025-04-22 12:46:28 UTC-4 | used |

# Nitrate (Anions)

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

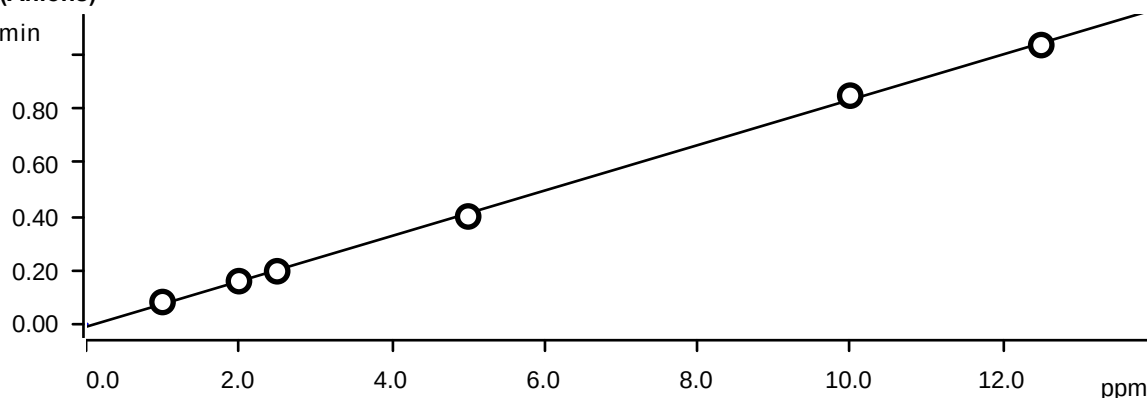


Function:  $A = -0.0163950 + 0.0241967 \times Q$

Relative standard deviation: 2.309177 %

Correlation coefficient . . . . . 0.999724

| 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  | 2025-04-22 10:37:58 UTC-4 | used |
| Standard 2  | 1     | 0.500 | 10.0   | 1.0      | 1.0           | 0.117 | STD2  | 2025-04-22 10:59:20 UTC-4 | used |
| Standard 3  | 1     | 1.000 | 10.0   | 1.0      | 1.0           | 0.228 | STD3  | 2025-04-22 11:20:44 UTC-4 | used |
| Standard 4  | 1     | 1.250 | 10.0   | 1.0      | 1.0           | 0.286 | STD4  | 2025-04-22 11:42:09 UTC-4 | used |
| Standard 5  | 1     | 2.500 | 10.0   | 1.0      | 1.0           | 0.570 | STD5  | 2025-04-22 12:03:34 UTC-4 | used |
| Standard 6  | 1     | 5.000 | 10.0   | 1.0      | 1.0           | 1.181 | STD6  | 2025-04-22 12:25:01 UTC-4 | used |
| Standard 7  | 1     | 6.250 | 10.0   | 1.0      | 1.0           | 1.512 | STD7  | 2025-04-22 12:46:28 UTC-4 | used |

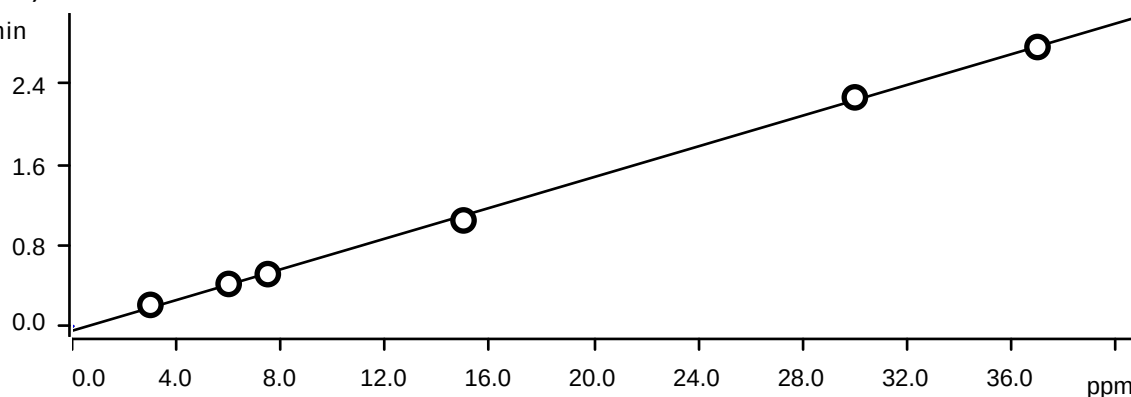
**Phosphate (Anions)** $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: . . . . .  $A = -9.96993E-3 + 8.43655E-3 \times Q$ 

Relative standard deviation . . . . . 2.492252 %

Correlation coefficient . . . . . 0.999676

| 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  | 2025-04-22 10:37:58 UTC-4 | used |
| Standard 2  | 1     | 1.000  | 10.0   | 1.0      | 1.0           | 0.082 | STD2  | 2025-04-22 10:59:20 UTC-4 | used |
| Standard 3  | 1     | 2.000  | 10.0   | 1.0      | 1.0           | 0.160 | STD3  | 2025-04-22 11:20:44 UTC-4 | used |
| Standard 4  | 1     | 2.500  | 10.0   | 1.0      | 1.0           | 0.196 | STD4  | 2025-04-22 11:42:09 UTC-4 | used |
| Standard 5  | 1     | 5.000  | 10.0   | 1.0      | 1.0           | 0.400 | STD5  | 2025-04-22 12:03:34 UTC-4 | used |
| Standard 6  | 1     | 10.000 | 10.0   | 1.0      | 1.0           | 0.849 | STD6  | 2025-04-22 12:25:01 UTC-4 | used |
| Standard 7  | 1     | 12.500 | 10.0   | 1.0      | 1.0           | 1.037 | STD7  | 2025-04-22 12:46:28 UTC-4 | used |

## Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: . . . . .  $A = -0.0453007 + 7.61540E-3 \times Q$ 

Relative standard deviation . . . . . 2.675209 %

Correlation coefficient . . . . . 0.999634

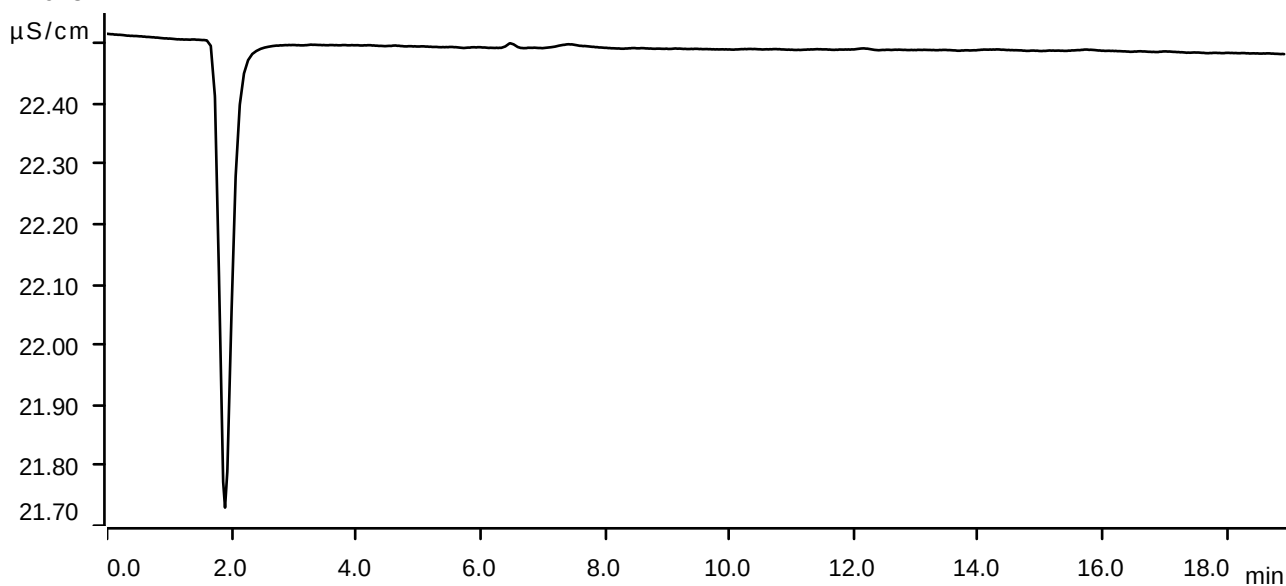
| Sample type | Index | Conc.  | Volume | Dilution | Sample amount | Area  | Ident | Date                      | Used |
|-------------|-------|--------|--------|----------|---------------|-------|-------|---------------------------|------|
| Standard 1  | 1     | 0.000  | 10.0   | 1.0      | 1.0           | n. d. | STD1  | 2025-04-22 10:37:58 UTC-4 | used |
| Standard 2  | 1     | 3.000  | 10.0   | 1.0      | 1.0           | 0.211 | STD2  | 2025-04-22 10:59:20 UTC-4 | used |
| Standard 3  | 1     | 6.000  | 10.0   | 1.0      | 1.0           | 0.419 | STD3  | 2025-04-22 11:20:44 UTC-4 | used |
| Standard 4  | 1     | 7.500  | 10.0   | 1.0      | 1.0           | 0.516 | STD4  | 2025-04-22 11:42:09 UTC-4 | used |
| Standard 5  | 1     | 15.000 | 10.0   | 1.0      | 1.0           | 1.048 | STD5  | 2025-04-22 12:03:34 UTC-4 | used |
| Standard 6  | 1     | 30.000 | 10.0   | 1.0      | 1.0           | 2.268 | STD6  | 2025-04-22 12:25:01 UTC-4 | used |
| Standard 7  | 1     | 37.000 | 10.0   | 1.0      | 1.0           | 2.767 | STD7  | 2025-04-22 12:46:28 UTC-4 | used |

**Sample data**

Ident . . . . . STD1  
Sample type . . . . . Standard 1  
Determination start . . . . . 2025-04-22 10:37:58 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.32 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

**Anions**



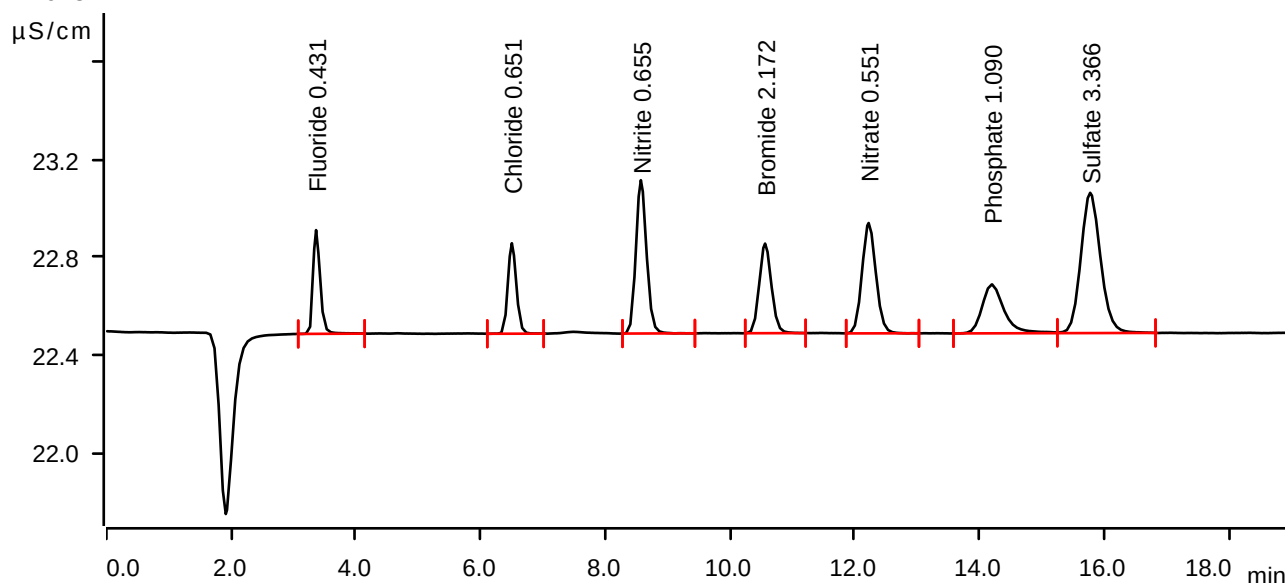
## Sample data

Ident . . . . . STD2  
Sample type . . . . . Standard 2  
Determination start . . . . . 2025-04-22 10:59:20 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.26 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           | 3.363                 | 0.0560                | 0.425           | 0.431                | Fluoride       |
| 2           | 6.502                 | 0.0581                | 0.371           | 0.651                | Chloride       |
| 3           | 8.570                 | 0.1247                | 0.628           | 0.655                | Nitrite        |
| 4           | 10.562                | 0.0832                | 0.367           | 2.172                | Bromide        |
| 5           | 12.222                | 0.1168                | 0.452           | 0.551                | Nitrate        |
| 6           | 14.197                | 0.0820                | 0.201           | 1.090                | Phosphate      |
| 7           | 15.773                | 0.2111                | 0.575           | 3.366                | Sulfate        |

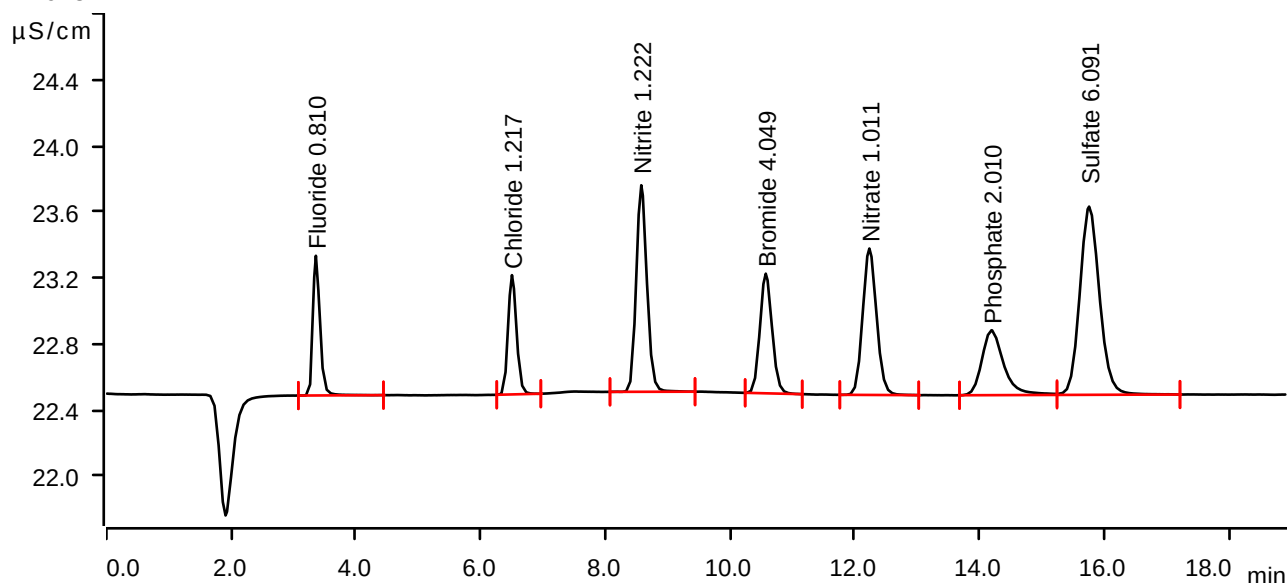
## Sample data

Ident . . . . . STD3  
Sample type . . . . . Standard 3  
Determination start . . . . . 2025-04-22 11:20:44 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.43 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

## Anions



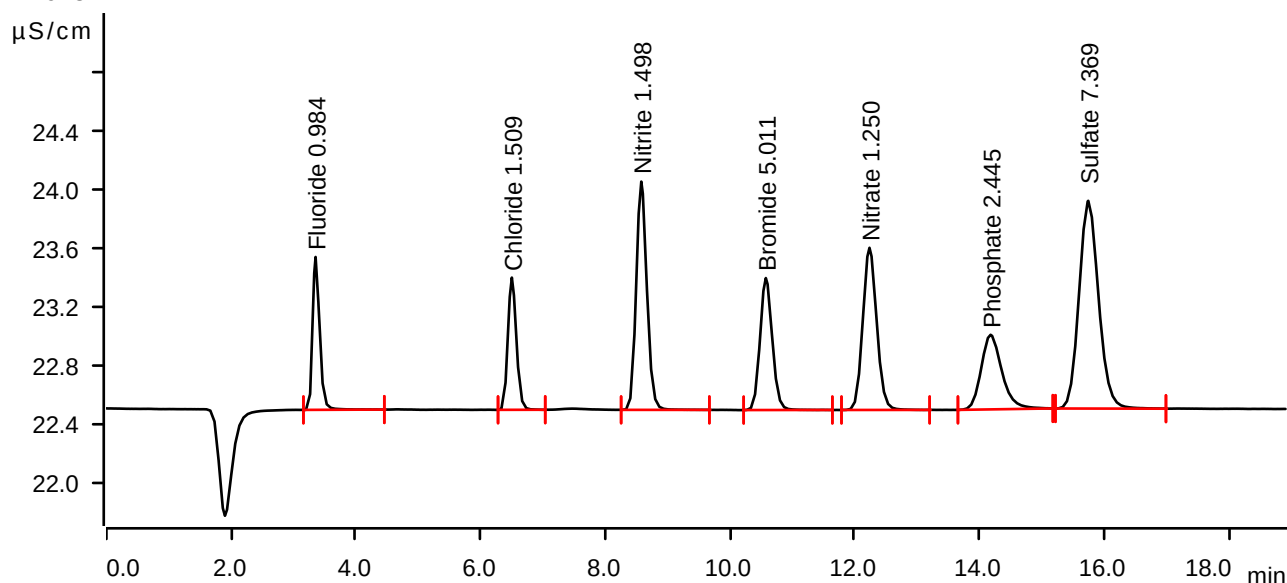
| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.360                 | 0.1105                | 0.845           | 0.810                | Fluoride       |
| 2           | 6.503                 | 0.1132                | 0.722           | 1.217                | Chloride       |
| 3           | 8.577                 | 0.2488                | 1.250           | 1.222                | Nitrite        |
| 4           | 10.572                | 0.1632                | 0.724           | 4.049                | Bromide        |
| 5           | 12.233                | 0.2282                | 0.886           | 1.011                | Nitrate        |
| 6           | 14.192                | 0.1596                | 0.393           | 2.010                | Phosphate      |
| 7           | 15.757                | 0.4185                | 1.139           | 6.091                | Sulfate        |

**Sample data**

Ident . . . . . STD4  
 Sample type . . . . . Standard 4  
 Determination start . . . . . 2025-04-22 11:42:09 UTC-4  
 Method . . . . . IC1-042225  
 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 . . . . . 11.43 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           | 3.355                 | 0.1356                | 1.044           | 0.984                | Fluoride       |
| 2           | 6.502                 | 0.1416                | 0.903           | 1.509                | Chloride       |
| 3           | 8.577                 | 0.3094                | 1.559           | 1.498                | Nitrite        |
| 4           | 10.573                | 0.2043                | 0.902           | 5.011                | Bromide        |
| 5           | 12.235                | 0.2860                | 1.108           | 1.250                | Nitrate        |
| 6           | 14.177                | 0.1963                | 0.510           | 2.445                | Phosphate      |
| 7           | 15.743                | 0.5159                | 1.419           | 7.369                | Sulfate        |

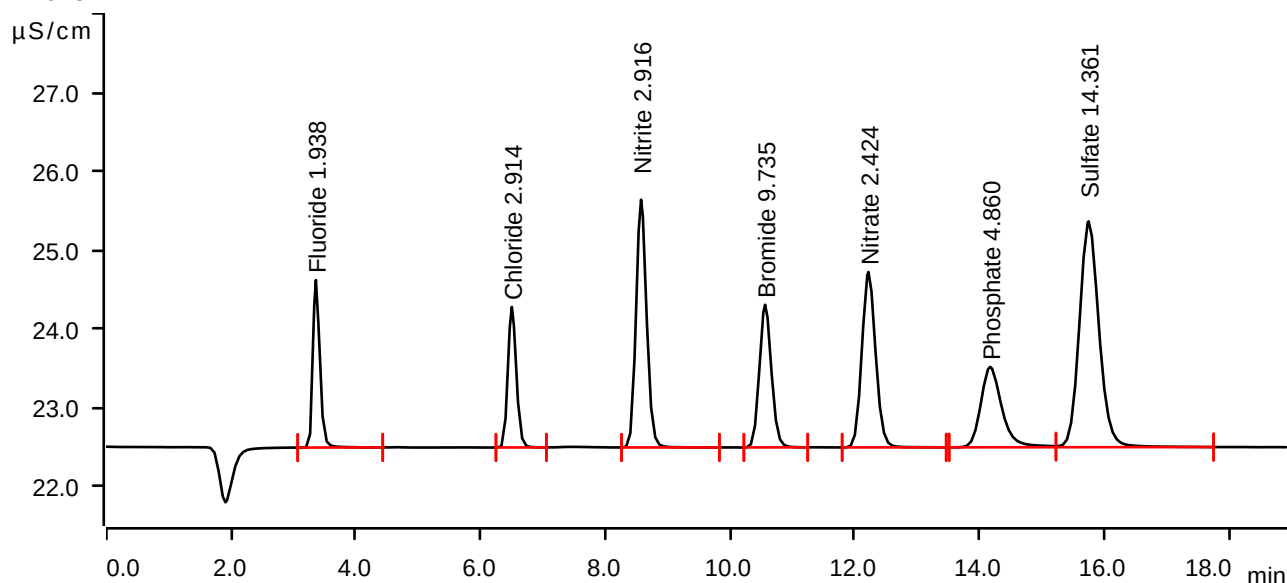
## Sample data

Ident . . . . . STD5  
Sample type . . . . . Standard 5  
Determination start . . . . . 2025-04-22 12:03:34 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.49 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           | 3.360                 | 0.2730                | 2.125           | 1.938                | Fluoride       |
| 2           | 6.502                 | 0.2783                | 1.784           | 2.914                | Chloride       |
| 3           | 8.573                 | 0.6200                | 3.144           | 2.916                | Nitrite        |
| 4           | 10.562                | 0.4057                | 1.810           | 9.735                | Bromide        |
| 5           | 12.218                | 0.5702                | 2.226           | 2.424                | Nitrate        |
| 6           | 14.170                | 0.4000                | 1.020           | 4.860                | Phosphate      |
| 7           | 15.748                | 1.0484                | 2.866           | 14.361               | Sulfate        |

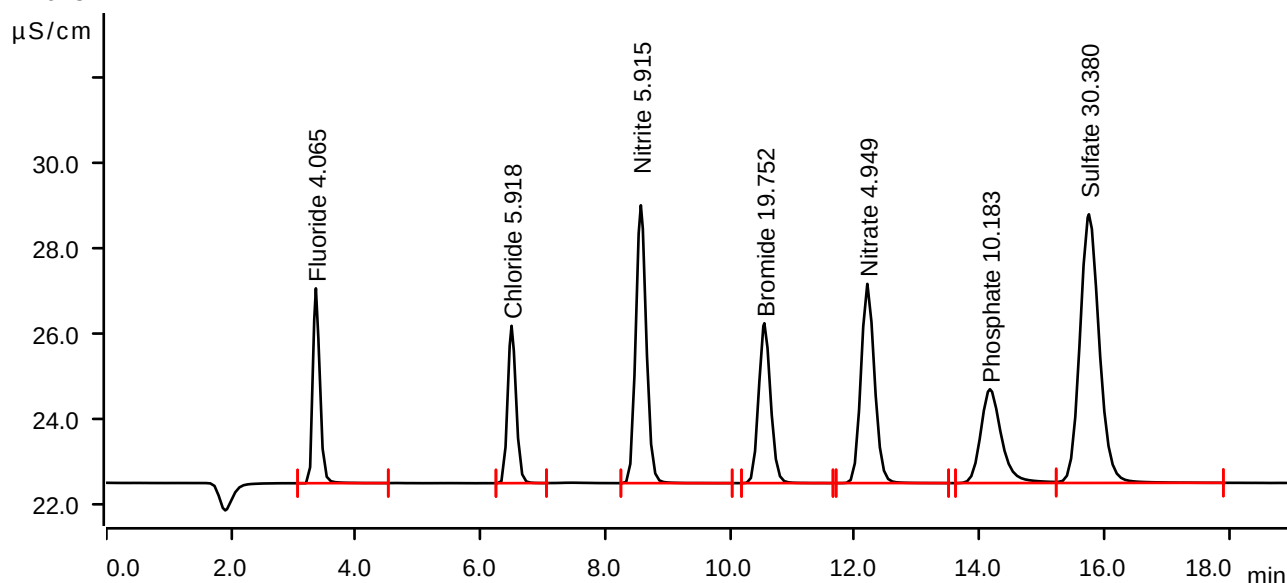
## Sample data

Ident . . . . . STD6  
Sample type . . . . . Standard 6  
Determination start . . . . . 2025-04-22 12:25:01 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.49 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           | 3.360                 | 0.5793                | 4.564           | 4.065                | Fluoride       |
| 2           | 6.497                 | 0.5704                | 3.686           | 5.918                | Chloride       |
| 3           | 8.570                 | 1.2768                | 6.510           | 5.915                | Nitrite        |
| 4           | 10.550                | 0.8327                | 3.746           | 19.752               | Bromide        |
| 5           | 12.202                | 1.1810                | 4.667           | 4.949                | Nitrate        |
| 6           | 14.167                | 0.8491                | 2.199           | 10.183               | Phosphate      |
| 7           | 15.753                | 2.2683                | 6.294           | 30.380               | Sulfate        |

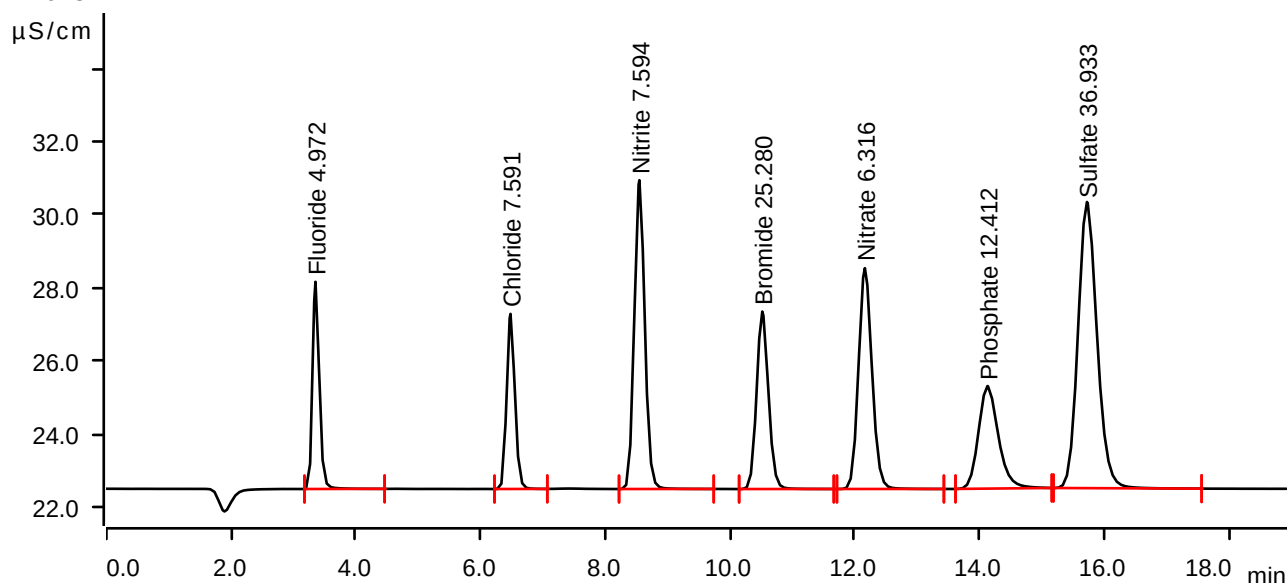
## Sample data

Ident . . . . . STD7  
Sample type . . . . . Standard 7  
Determination start . . . . . 2025-04-22 12:46:28 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.43 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           | 3.353                 | 0.7100                | 5.662           | 4.972                | Fluoride       |
| 2           | 6.480                 | 0.7331                | 4.785           | 7.591                | Chloride       |
| 3           | 8.547                 | 1.6445                | 8.440           | 7.594                | Nitrite        |
| 4           | 10.517                | 1.0684                | 4.850           | 25.280               | Bromide        |
| 5           | 12.162                | 1.5118                | 6.035           | 6.316                | Nitrate        |
| 6           | 14.127                | 1.0372                | 2.803           | 12.412               | Phosphate      |
| 7           | 15.722                | 2.7673                | 7.822           | 36.933               | Sulfate        |

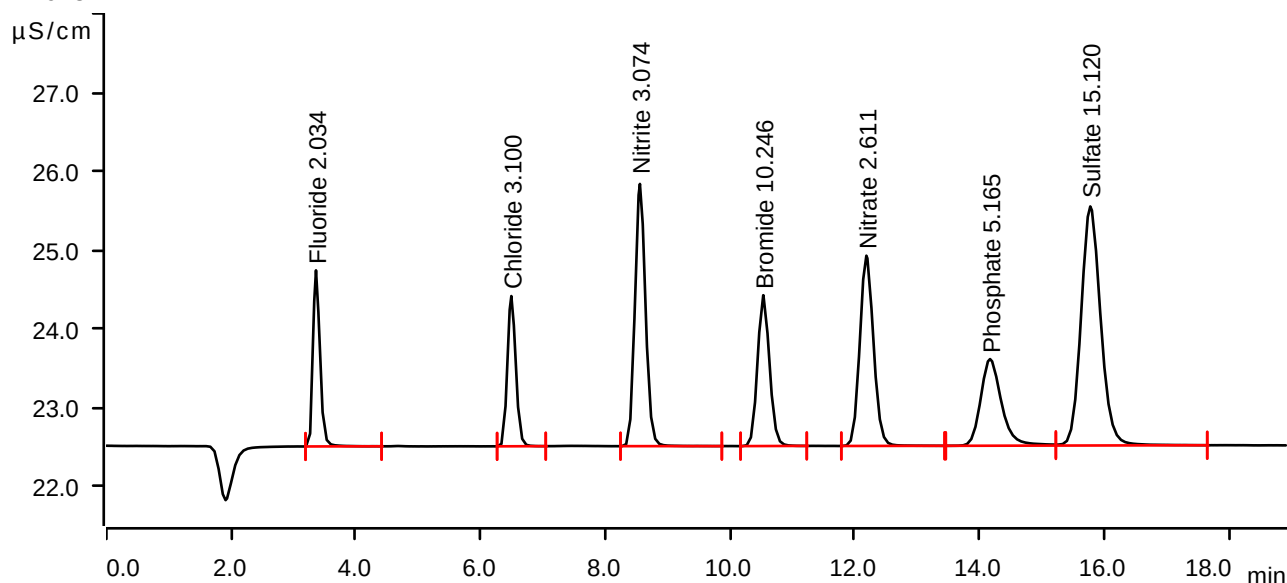
## Sample data

Ident . . . . . ICV  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2025-04-22 13:07:56 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.60 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           | 3.362                 | 0.2867                | 2.234           | 2.034                | Fluoride       |
| 2           | 6.493                 | 0.2963                | 1.906           | 3.100                | Chloride       |
| 3           | 8.555                 | 0.6546                | 3.328           | 3.074                | Nitrite        |
| 4           | 10.532                | 0.4274                | 1.914           | 10.246               | Bromide        |
| 5           | 12.185                | 0.6154                | 2.414           | 2.611                | Nitrate        |
| 6           | 14.168                | 0.4257                | 1.100           | 5.165                | Phosphate      |
| 7           | 15.775                | 1.1062                | 3.034           | 15.120               | Sulfate        |

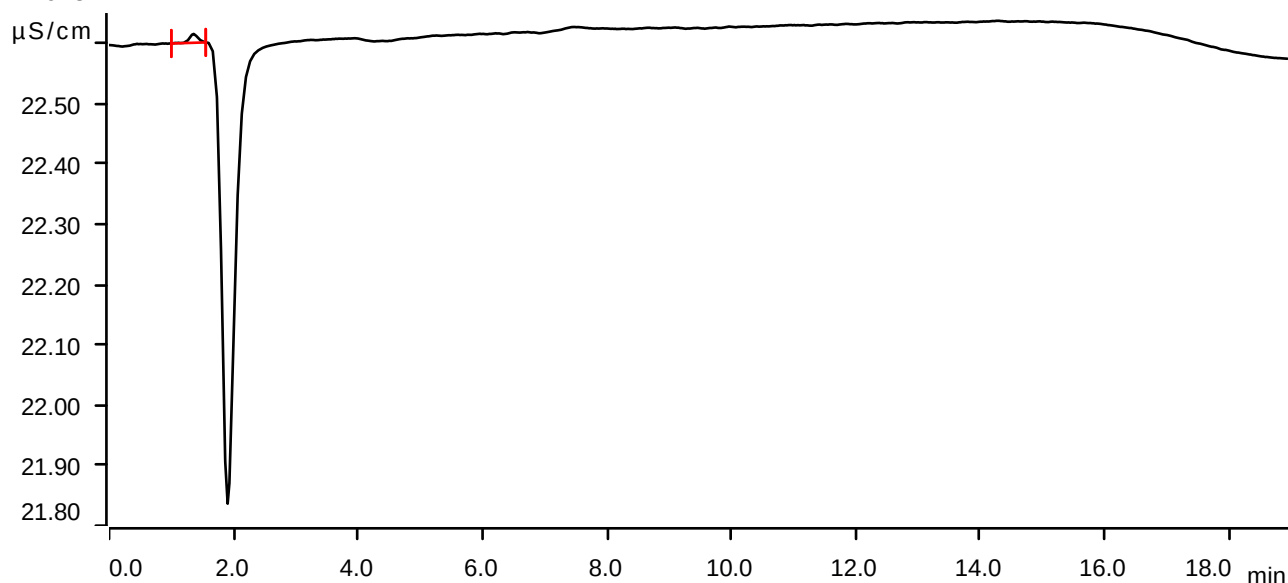
## Sample data

Ident . . . . . ICB  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-22 13:58:31 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.32 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           | 1.362          | 0.0024        | 0.015  | invalid       |                |

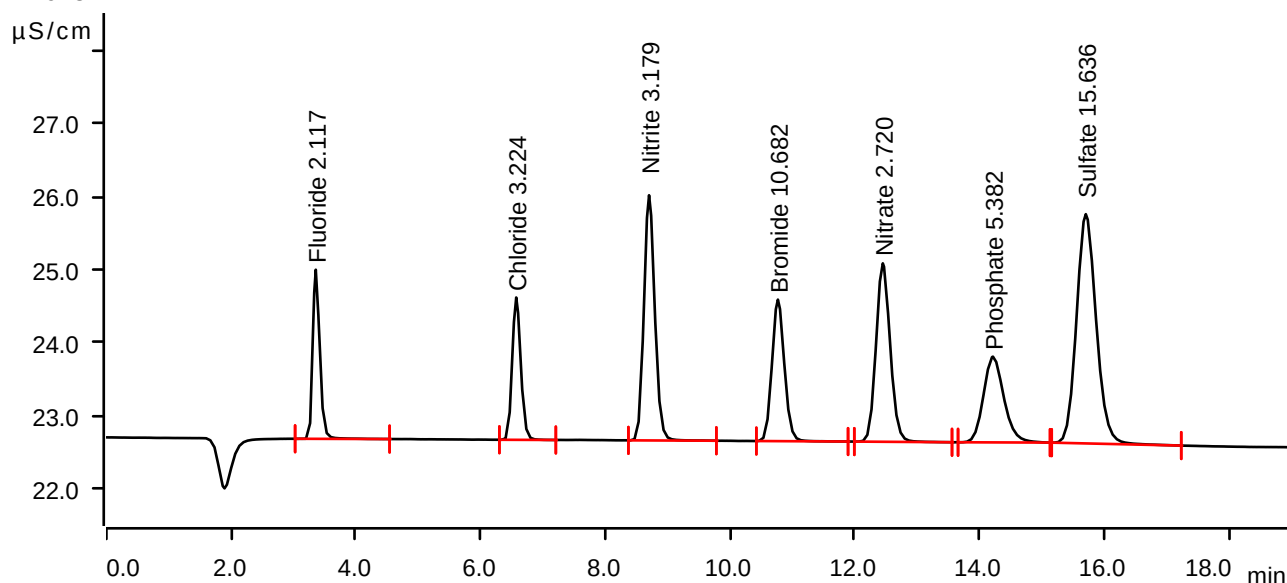


**Sample data**

Ident . . . . . CCV  
 Sample type . . . . . Check standard 1  
 Determination start . . . . . 2025-04-23 09:40:00 UTC-4  
 Method . . . . . IC1-042225  
 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**

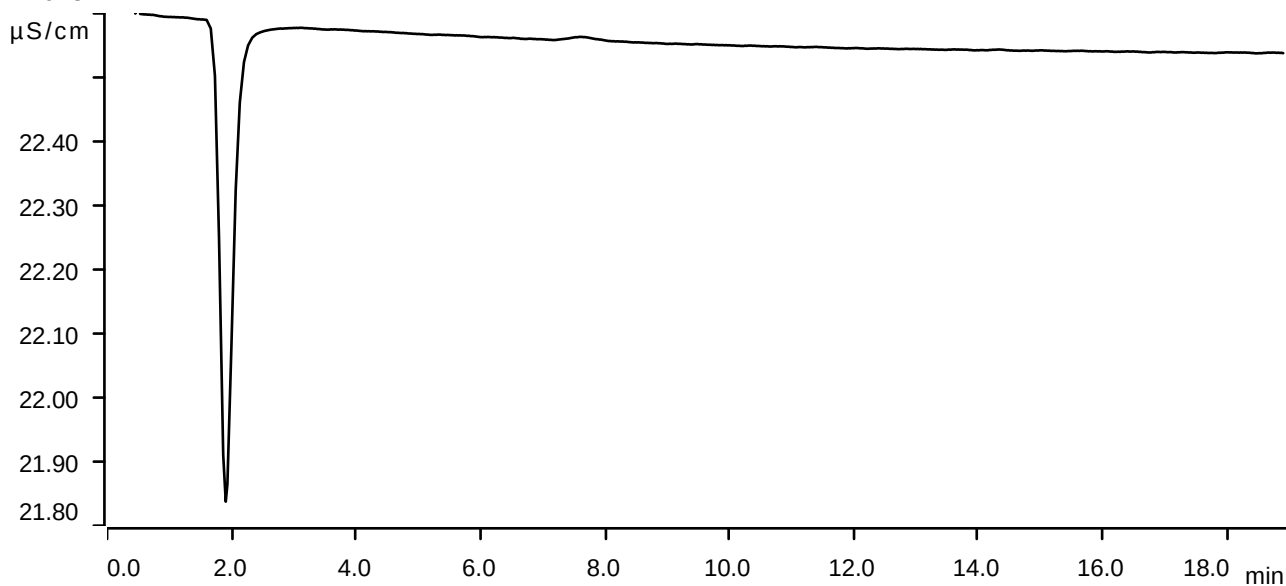
| Peak number | Retention time<br>min | Area<br>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.358                 | 0.2987                | 2.311           | 2.117                | Fluoride       |
| 2           | 6.572                 | 0.3084                | 1.945           | 3.224                | Chloride       |
| 3           | 8.702                 | 0.6776                | 3.351           | 3.179                | Nitrite        |
| 4           | 10.767                | 0.4460                | 1.934           | 10.682               | Bromide        |
| 5           | 12.448                | 0.6417                | 2.439           | 2.720                | Nitrate        |
| 6           | 14.215                | 0.4441                | 1.172           | 5.382                | Phosphate      |
| 7           | 15.703                | 1.1455                | 3.133           | 15.636               | Sulfate        |

**Sample data**

Ident . . . . . CCB  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 10:01:31 UTC-4  
Method . . . . . IC1-042225  
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

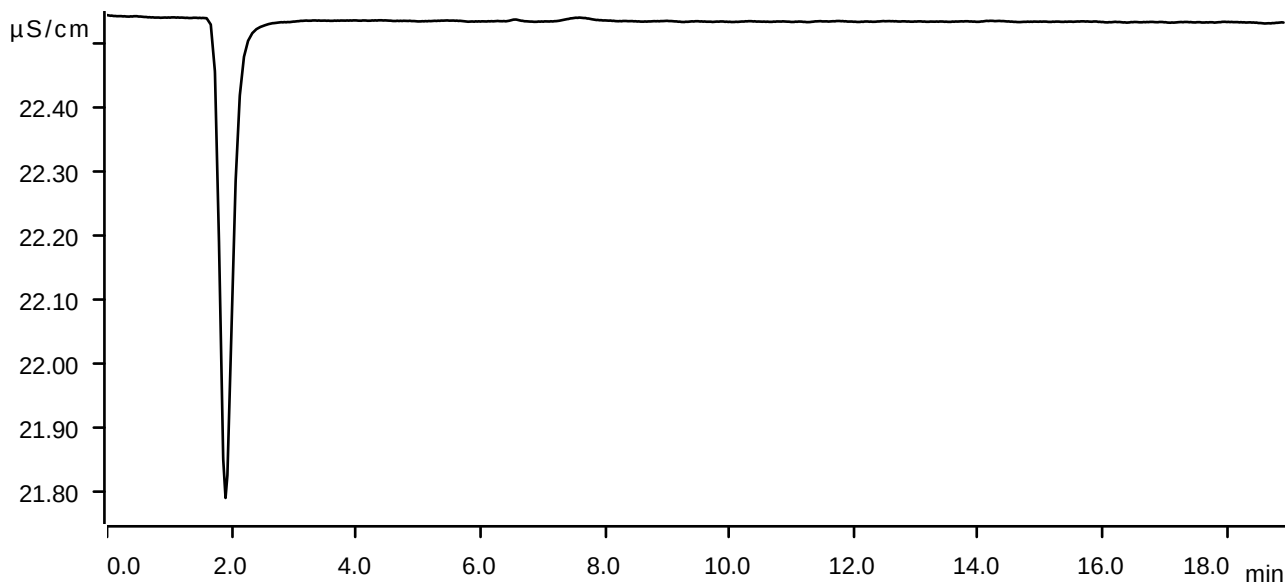
**Anions**

**Sample data**

Ident . . . . . LB135527BLS  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 10:23:01 UTC-4  
Method . . . . . IC1-042225  
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**

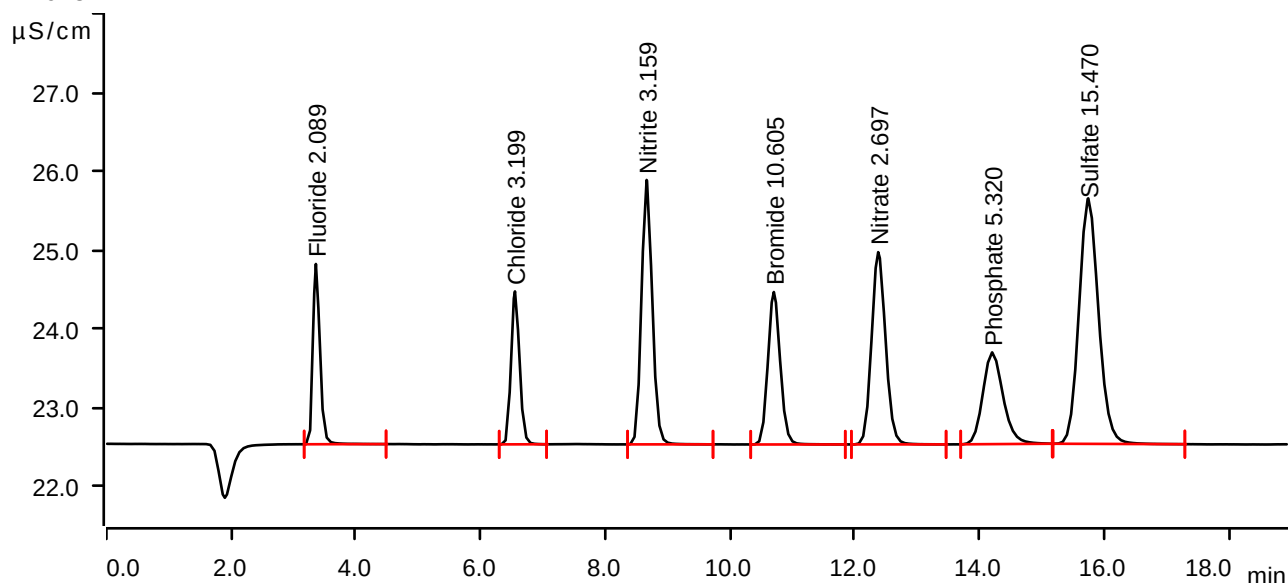
## Sample data

Ident . . . . . LB135527BSS  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2025-04-23 10:44:32 UTC-4  
Method . . . . . IC1-042225  
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           | 3.360                 | 0.2947                | 2.287           | 2.089                | Fluoride       |
| 2           | 6.552                 | 0.3059                | 1.941           | 3.199                | Chloride       |
| 3           | 8.662                 | 0.6732                | 3.355           | 3.159                | Nitrite        |
| 4           | 10.702                | 0.4428                | 1.934           | 10.605               | Bromide        |
| 5           | 12.375                | 0.6362                | 2.440           | 2.697                | Nitrate        |
| 6           | 14.203                | 0.4389                | 1.163           | 5.320                | Phosphate      |
| 7           | 15.743                | 1.1328                | 3.115           | 15.470               | Sulfate        |

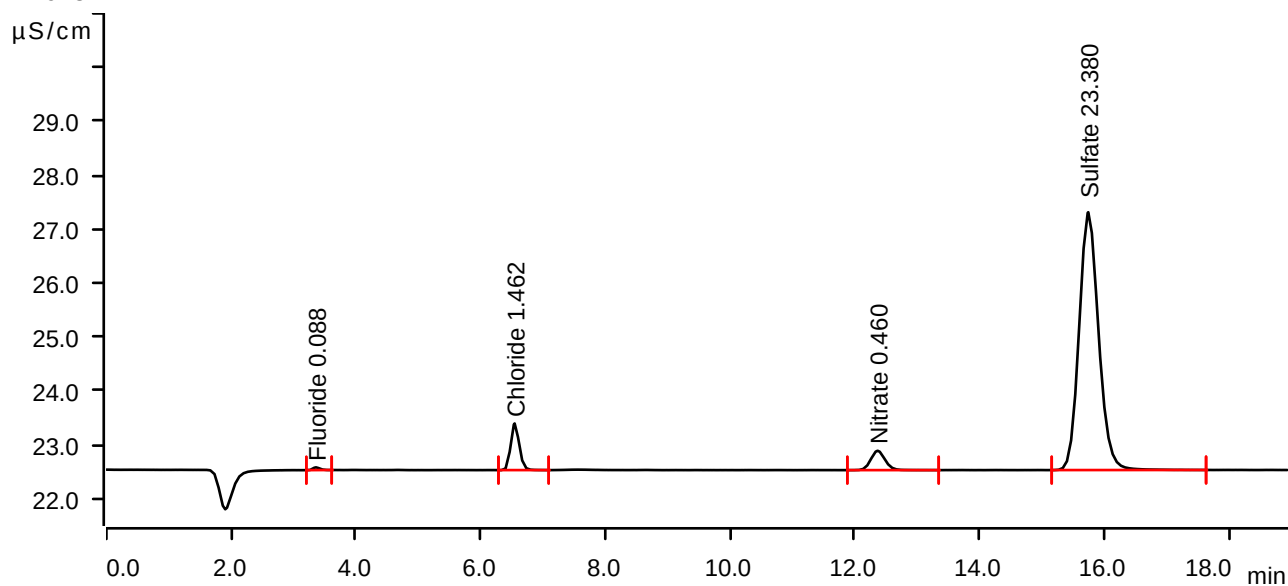
## Sample data

Ident . . . . . Q1858-01  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 11:06:04 UTC-4  
Method . . . . . IC1-042225  
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           | 3.362                 | 0.0065                | 0.051           | 0.088                | Fluoride       |
| 2           | 6.547                 | 0.1371                | 0.865           | 1.462                | Chloride       |
| 3           | 12.365                | 0.0949                | 0.360           | 0.460                | Nitrate        |
| 4           | 15.743                | 1.7352                | 4.782           | 23.380               | Sulfate        |

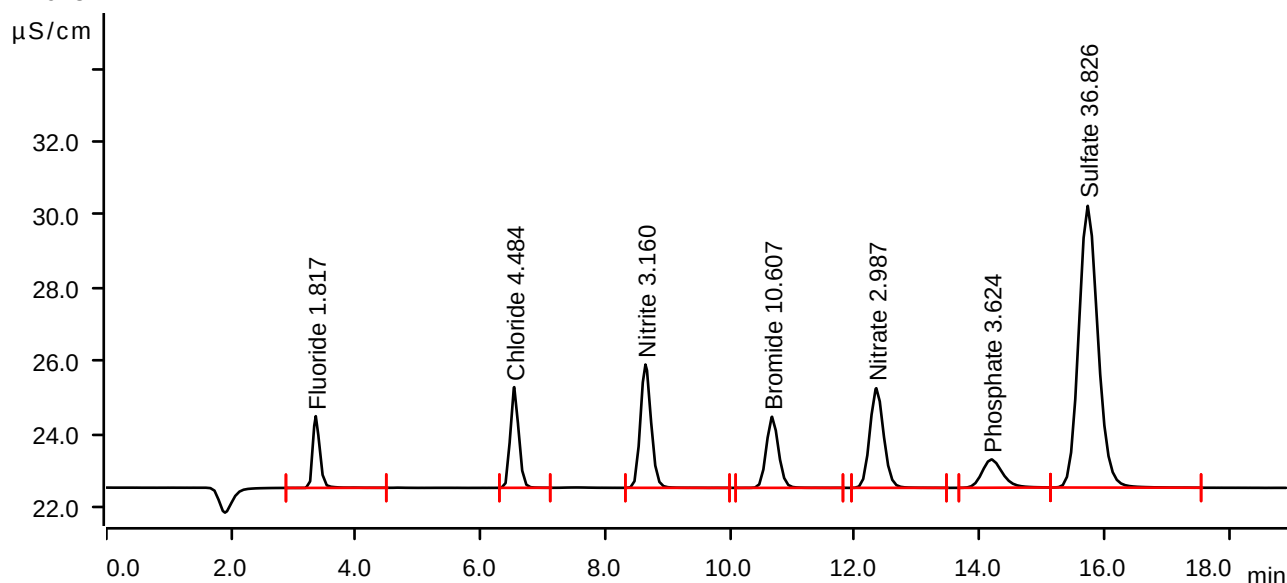
## Sample data

Ident . . . . . Q1858-01MS  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 11:27:37 UTC-4  
Method . . . . . IC1-042225  
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>(µS/cm) x min | Height<br>µS/cm | Concentration<br>ppm | Component name |
|-------------|-----------------------|-----------------------|-----------------|----------------------|----------------|
| 1           | 3.358                 | 0.2556                | 1.960           | 1.817                | Fluoride       |
| 2           | 6.540                 | 0.4310                | 2.752           | 4.484                | Chloride       |
| 3           | 8.643                 | 0.6735                | 3.370           | 3.160                | Nitrite        |
| 4           | 10.673                | 0.4428                | 1.944           | 10.607               | Bromide        |
| 5           | 12.345                | 0.7065                | 2.723           | 2.987                | Nitrate        |
| 6           | 14.190                | 0.2957                | 0.772           | 3.624                | Phosphate      |
| 7           | 15.733                | 2.7592                | 7.699           | 36.826               | Sulfate        |

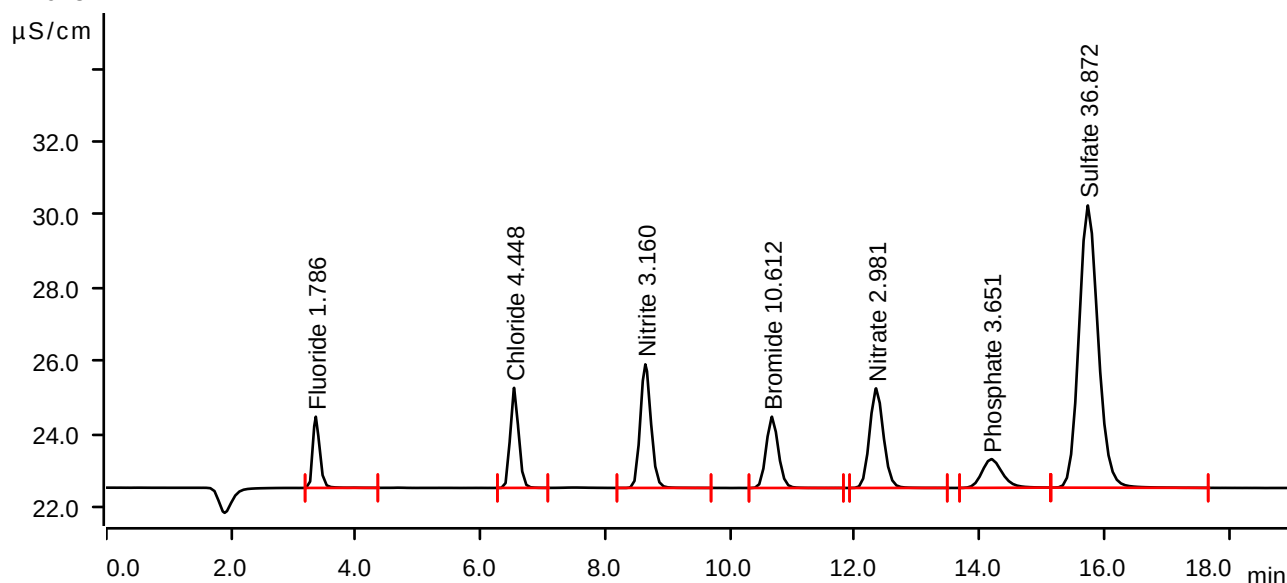
## Sample data

Ident . . . . . Q1858-01MSD  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 11:49:10 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.66 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           | 3.358                 | 0.2510                | 1.947           | 1.786                | Fluoride       |
| 2           | 6.538                 | 0.4274                | 2.734           | 4.448                | Chloride       |
| 3           | 8.642                 | 0.6733                | 3.377           | 3.160                | Nitrite        |
| 4           | 10.672                | 0.4430                | 1.948           | 10.612               | Bromide        |
| 5           | 12.342                | 0.7048                | 2.721           | 2.981                | Nitrate        |
| 6           | 14.188                | 0.2981                | 0.784           | 3.651                | Phosphate      |
| 7           | 15.737                | 2.7627                | 7.714           | 36.872               | Sulfate        |

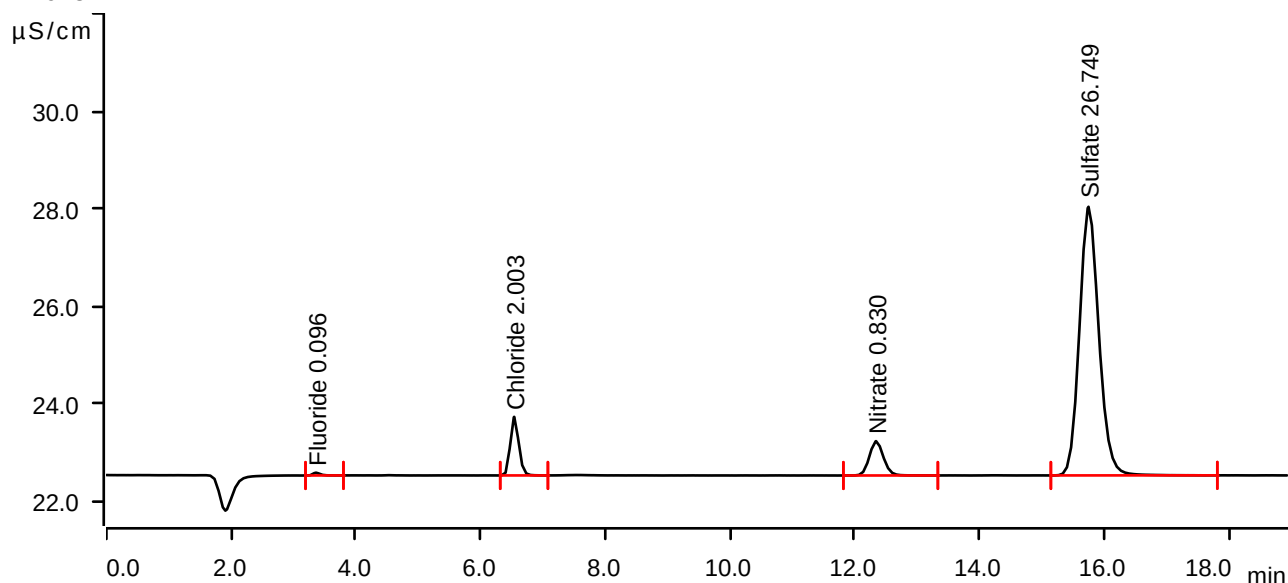
## Sample data

Ident . . . . . Q1858-02  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 12:10:44 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.66 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           | 3.362                 | 0.0076                | 0.057           | 0.096                | Fluoride       |
| 2           | 6.540                 | 0.1896                | 1.201           | 2.003                | Chloride       |
| 3           | 12.342                | 0.1845                | 0.703           | 0.830                | Nitrate        |
| 4           | 15.747                | 1.9917                | 5.507           | 26.749               | Sulfate        |



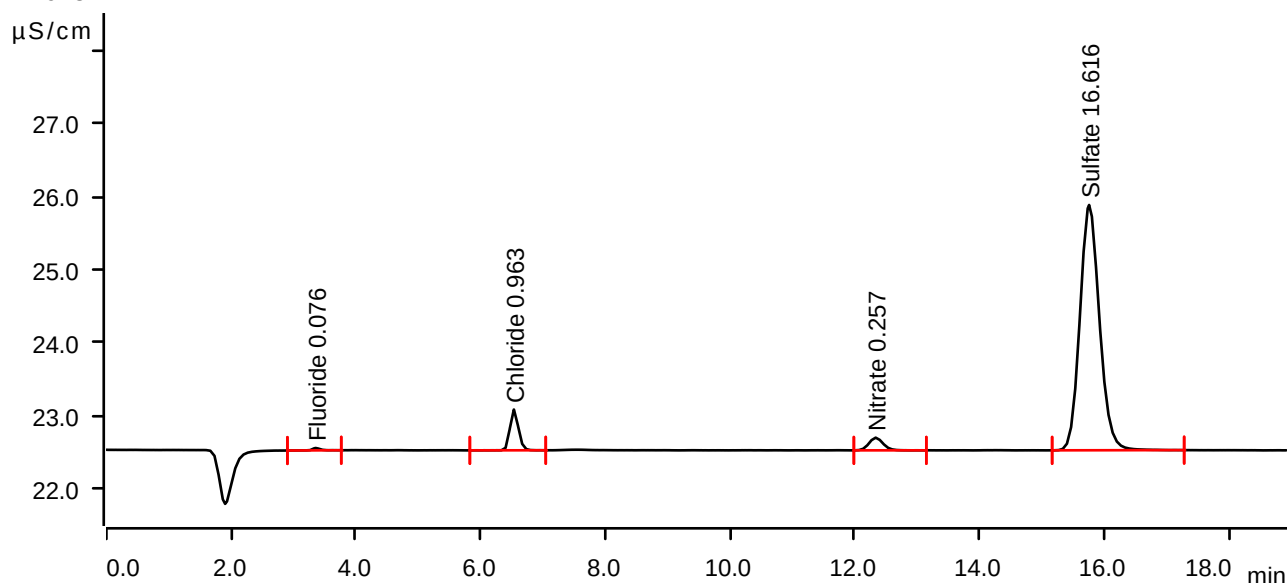
## Sample data

Ident . . . . . Q1858-03  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 12:32:19 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.66 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           | 3.357                 | 0.0049                | 0.033           | 0.076                | Fluoride       |
| 2           | 6.535                 | 0.0885                | 0.557           | 0.963                | Chloride       |
| 3           | 12.333                | 0.0458                | 0.173           | 0.257                | Nitrate        |
| 4           | 15.757                | 1.2200                | 3.352           | 16.616               | Sulfate        |

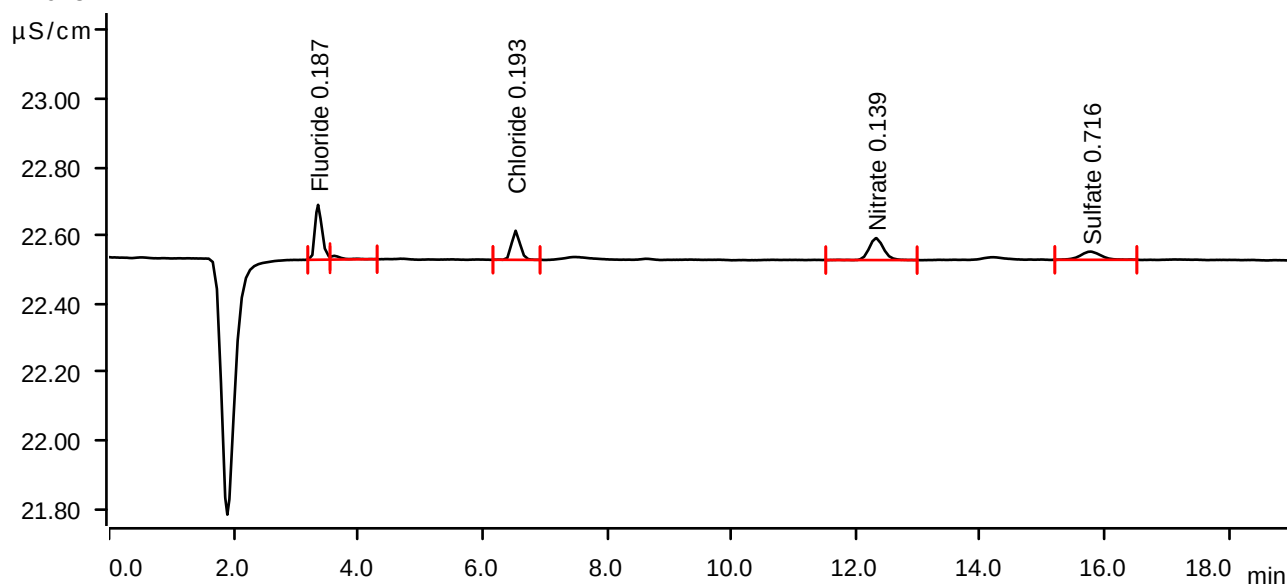
## Sample data

Ident . . . . . Q1859-01  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 12:53:53 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.60 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           | 3.360                 | 0.0208                | 0.161           | 0.187                | Fluoride       |
| 2           | 3.623                 | 0.0023                | 0.011           | invalid              |                |
| 3           | 6.533                 | 0.0136                | 0.085           | 0.193                | Chloride       |
| 4           | 12.322                | 0.0173                | 0.064           | 0.139                | Nitrate        |
| 5           | 15.775                | 0.0092                | 0.024           | 0.716                | Sulfate        |

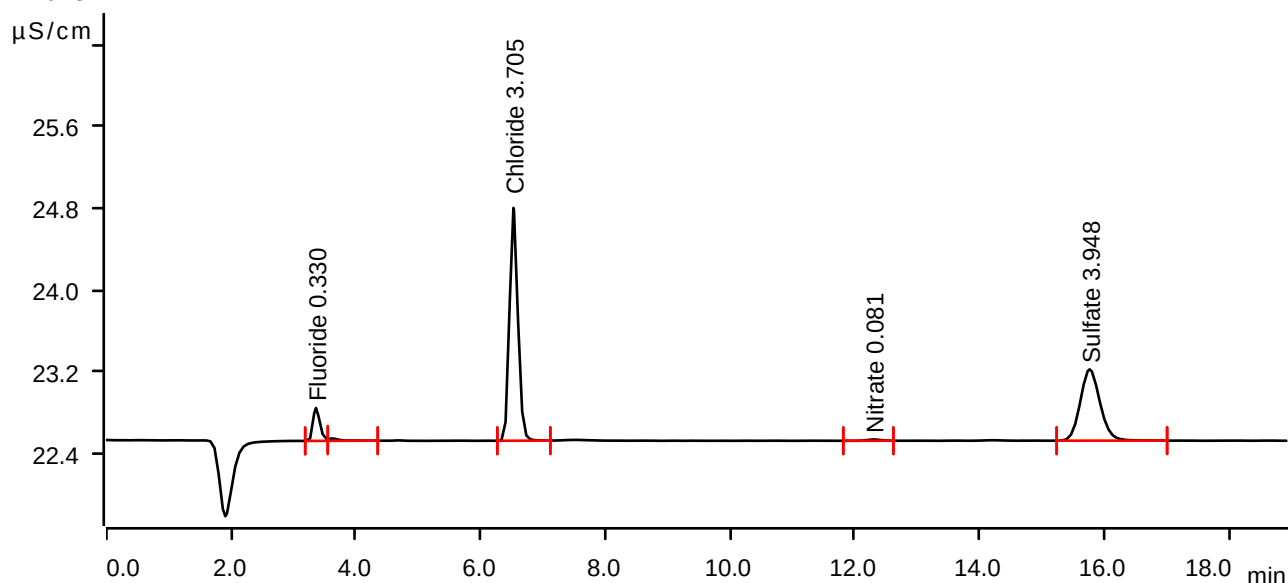
## Sample data

Ident . . . . . Q1859-02  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 13:15:27 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.66 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           | 3.362                 | 0.0414                | 0.321           | 0.330                | Fluoride       |
| 2           | 3.623                 | 0.0047                | 0.023           | invalid              |                |
| 3           | 6.527                 | 0.3552                | 2.272           | 3.705                | Chloride       |
| 4           | 12.302                | 0.0033                | 0.013           | 0.081                | Nitrate        |
| 5           | 15.765                | 0.2553                | 0.696           | 3.948                | Sulfate        |

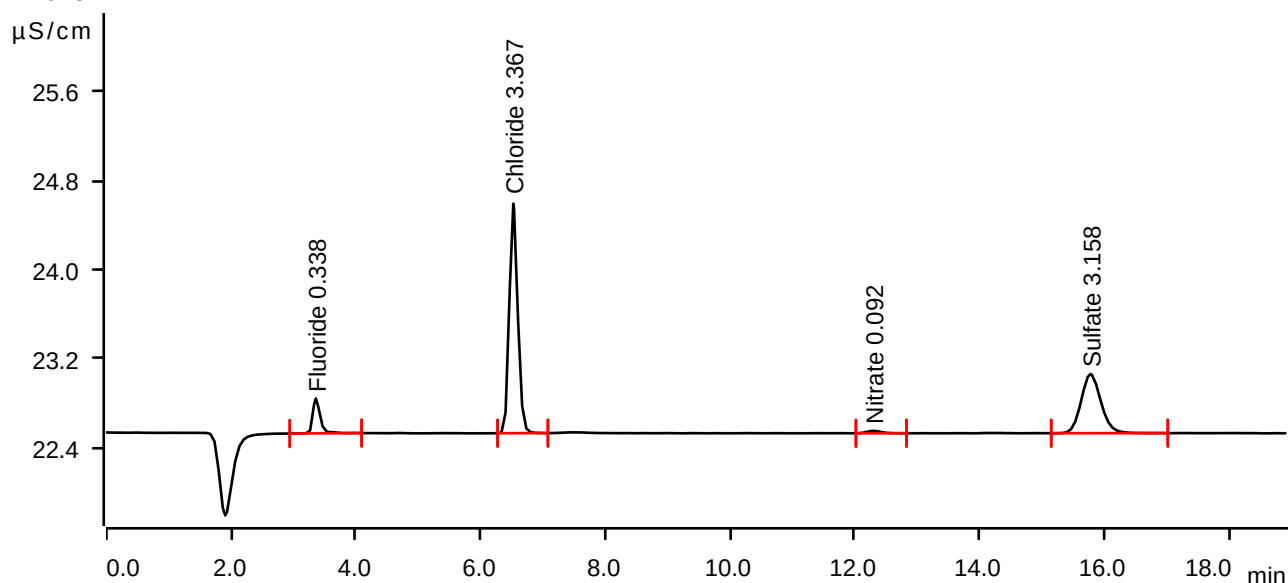
## Sample data

Ident . . . . . Q1859-03  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 13:36:59 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.60 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           | 3.360                 | 0.0425                | 0.313           | 0.338                | Fluoride       |
| 2           | 6.525                 | 0.3223                | 2.061           | 3.367                | Chloride       |
| 3           | 12.295                | 0.0059                | 0.022           | 0.092                | Nitrate        |
| 4           | 15.778                | 0.1952                | 0.531           | 3.158                | Sulfate        |

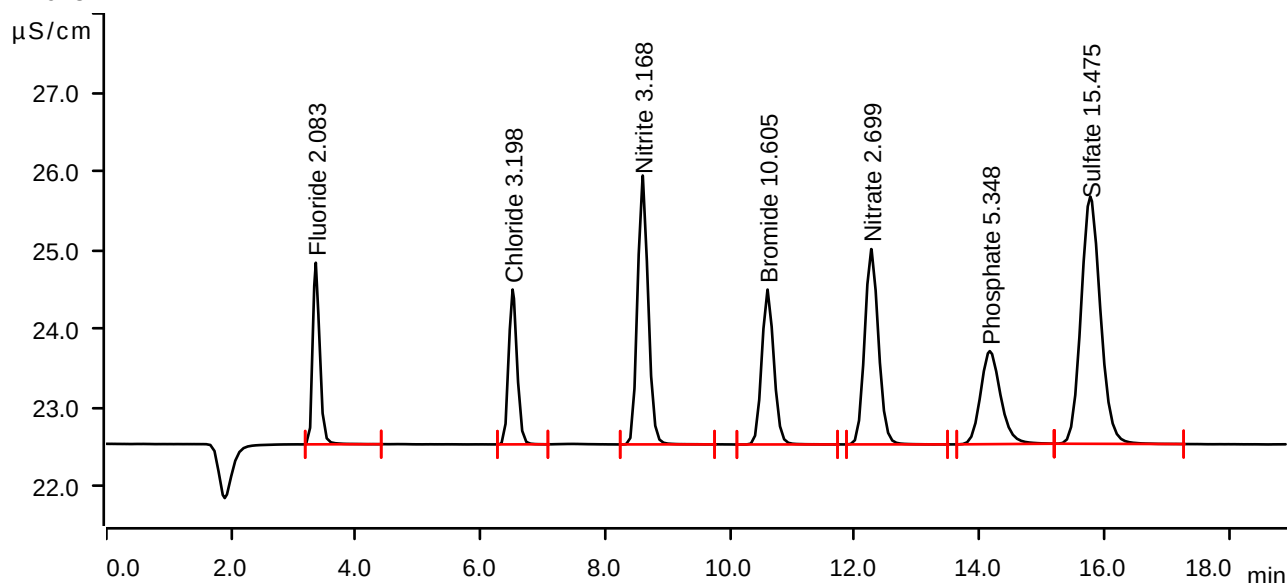
## Sample data

Ident . . . . . CCV  
Sample type . . . . . Check standard 1  
Determination start . . . . . 2025-04-23 13:58:30 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.49 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           | 3.358                 | 0.2939                | 2.304           | 2.083                | Fluoride       |
| 2           | 6.513                 | 0.3058                | 1.965           | 3.198                | Chloride       |
| 3           | 8.598                 | 0.6752                | 3.412           | 3.168                | Nitrite        |
| 4           | 10.600                | 0.4428                | 1.965           | 10.605               | Bromide        |
| 5           | 12.263                | 0.6366                | 2.479           | 2.699                | Nitrate        |
| 6           | 14.163                | 0.4412                | 1.180           | 5.348                | Phosphate      |
| 7           | 15.775                | 1.1331                | 3.139           | 15.475               | Sulfate        |

**Sample data**

Ident . . . . . CCB  
Sample type . . . . . Sample  
Determination start . . . . . 2025-04-23 14:20:00 UTC-4  
Method . . . . . IC1-042225  
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 . . . . . 11.60 MPa  
Maximum pressure monitored . . . . . yes  
Temperature . . . . . ---- °C

**Anions**