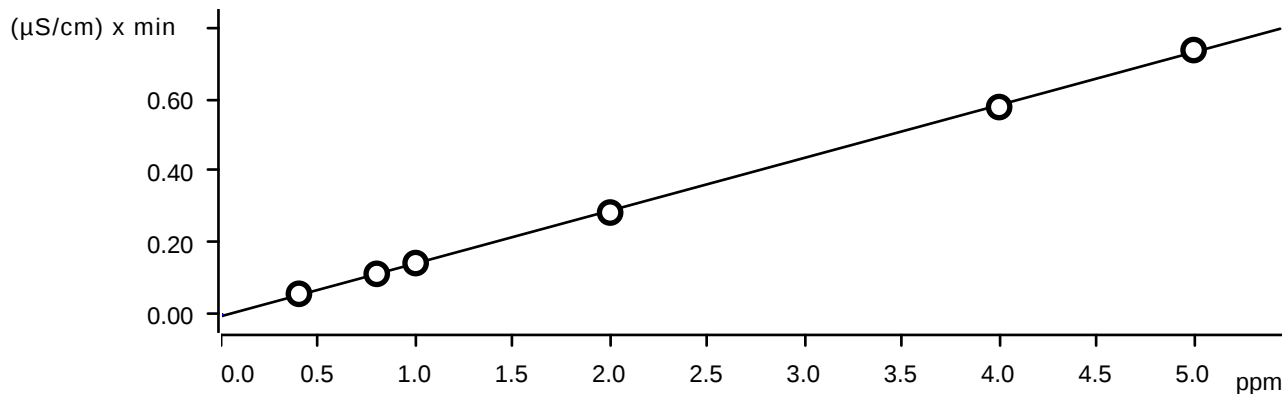


Clear table

Instrument ID: IC-2											
Analyst :				IZ		Method:		300.0 / 9056A			
ident	concentra tion F-	concentratio n CL-	concentratio on NO2	concentratio on BR-	concentratio on NO3	concentratio n HPO4	concentratio on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-091624	2024-09-16 11:39:1	10	NF/IZ
STD2	0.424	0.637	0.645	2.133	0.536	1.071	3.306	IC1-091624	2024-09-16 12:00:1	10	NF/IZ
STD3	0.802	1.202	1.205	4.008	1.002	2.024	6.041	IC1-091624	2024-09-16 12:22:1	10	NF/IZ
STD4	1.007	1.523	1.517	5.064	1.267	2.521	7.591	IC1-091624	2024-09-16 12:43:1	10	NF/IZ
STD5	1.964	2.936	2.928	9.781	2.445	4.86	14.552	IC1-091624	2024-09-16 13:05:1	10	NF/IZ
STD6	3.962	5.921	5.921	19.755	4.924	9.91	29.354	IC1-091624	2024-09-16 13:26:1	10	NF/IZ
STD7	5.041	7.581	7.584	25.259	6.326	12.614	37.655	IC1-091624	2024-09-16 13:47:1	10	NF/IZ
ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value 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 Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4				
STD1											
STD2	6.0000	6.1667	7.5000	6.6500	7.2000	7.1000	10.2000				
STD3	0.2500	0.1667	0.4167	0.2000	0.2000	1.2000	0.6833				
STD4	0.7000	1.5333	1.1333	1.2800	1.3600	0.8400	1.2133				
STD5	-1.8000	-2.1333	-2.4000	-2.1900	-2.2000	-2.8000	-2.9867				
STD6	-0.9500	-1.3167	-1.3167	-1.2250	-1.5200	-0.9000	-2.1533				
STD7	0.8200	1.0800	1.1200	1.0360	1.2160	0.9120	1.7703				

Fluoride (Anions)



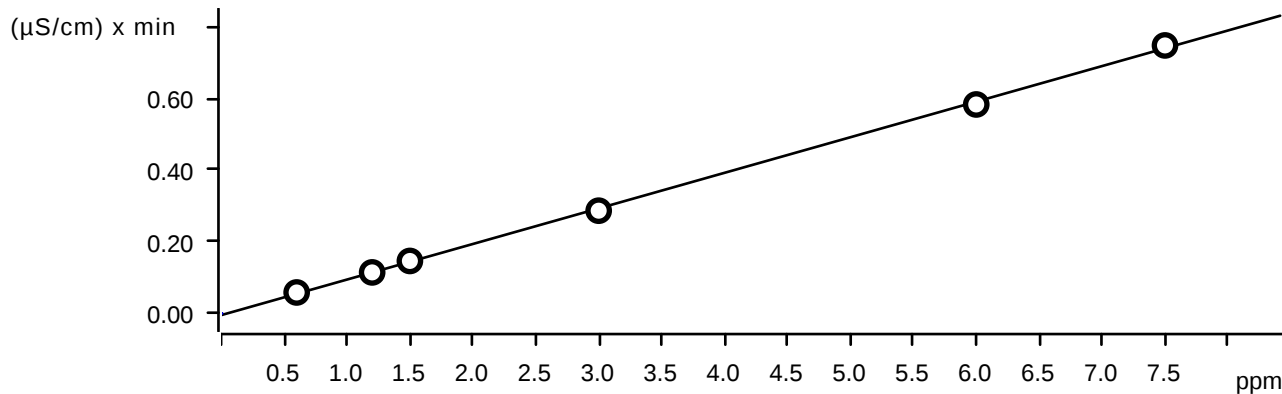
Function: $A = -5.20226E-3 + 0.0147183 \times Q$

Relative standard deviation 1.655264 %

Correlation coefficient 0.999855

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	2024-09-16 11:39:22 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.057	STD2	2024-09-16 12:00:45 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.113	STD3	2024-09-16 12:22:09 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.143	STD4	2024-09-16 12:43:34 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.284	STD5	2024-09-16 13:05:00 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.578	STD6	2024-09-16 13:26:26 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.737	STD7	2024-09-16 13:47:53 UTC-4	used

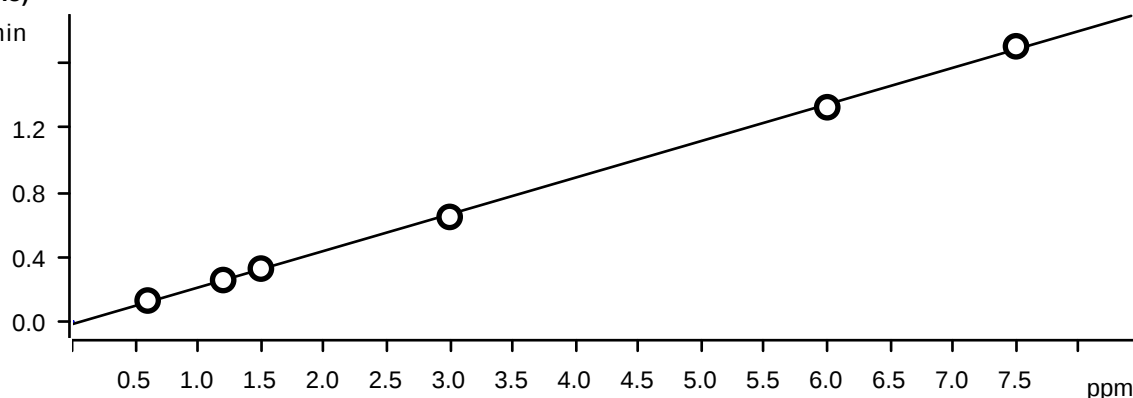
Chloride (Anions)



Function: $A = -4.73518E-3 + 9.92061E-3 \times Q$

Relative standard deviation 2.104599 %
Correlation coefficient 0.999766

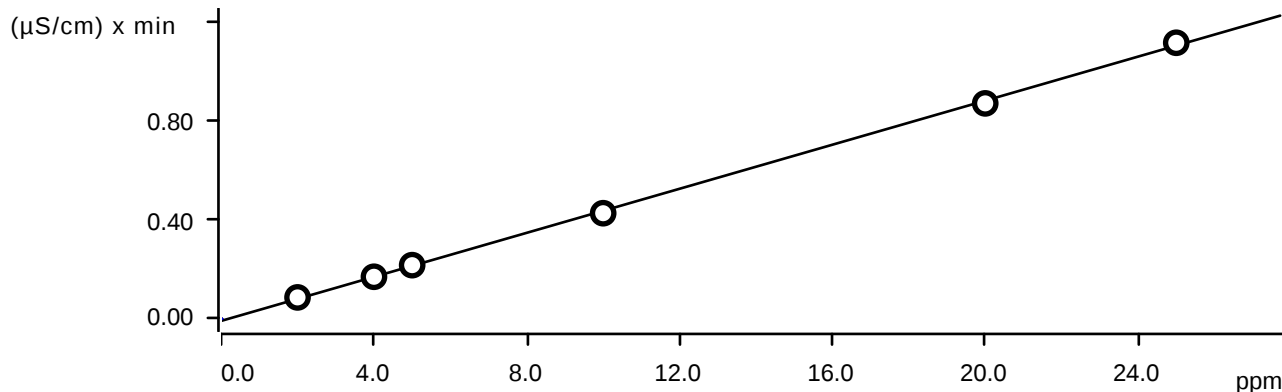
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-09-16 11:39:22 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.058	STD2	2024-09-16 12:00:45 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.114	STD3	2024-09-16 12:22:09 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.146	STD4	2024-09-16 12:43:34 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.287	STD5	2024-09-16 13:05:00 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.583	STD6	2024-09-16 13:26:26 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.747	STD7	2024-09-16 13:47:53 UTC-4	used

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

Function: $A = -0.0172576 + 0.0227000 \times Q$
Relative standard deviation 2.245267 %
Correlation coefficient 0.999738

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	2024-09-16 11:39:22 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.129	STD2	2024-09-16 12:00:45 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.256	STD3	2024-09-16 12:22:09 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.327	STD4	2024-09-16 12:43:34 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.647	STD5	2024-09-16 13:05:00 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.327	STD6	2024-09-16 13:26:26 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.704	STD7	2024-09-16 13:47:53 UTC-4	used

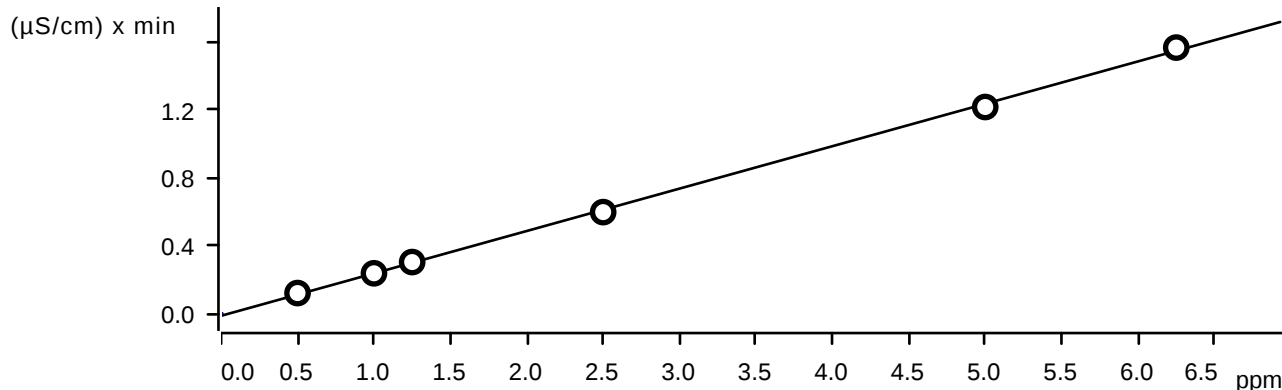
Bromide (Anions)



Function: $A = -8.29886E-3 + 4.43473E-3 \times Q$
 Relative standard deviation: 2.051807 %
 Correlation coefficient: 0.999778

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	2024-09-16 11:39:22 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.086	STD2	2024-09-16 12:00:45 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.169	STD3	2024-09-16 12:22:09 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.216	STD4	2024-09-16 12:43:34 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.425	STD5	2024-09-16 13:05:00 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.868	STD6	2024-09-16 13:26:26 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.112	STD7	2024-09-16 13:47:53 UTC-4	used

Nitrate (Anions)



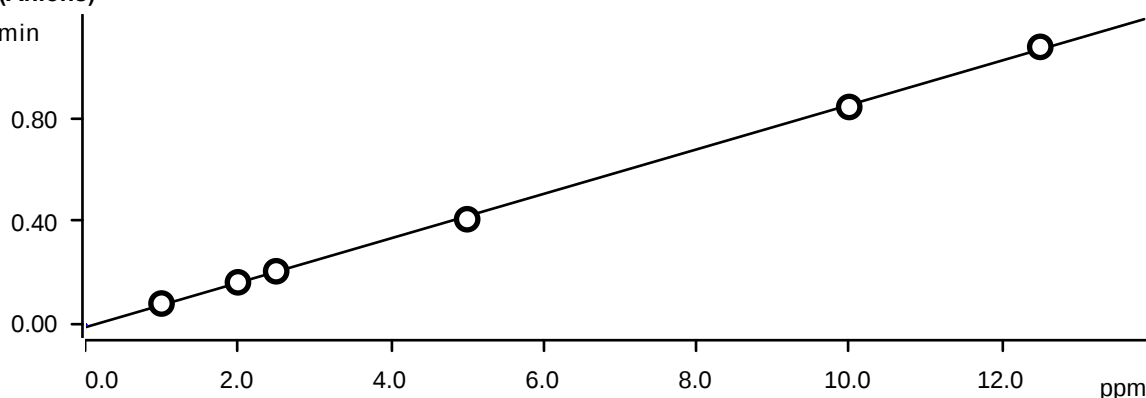
Function: $A = -0.0140308 + 0.0249539 \times Q$
 Relative standard deviation: 2.352995 %

Correlation coefficient 0.999711

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	2024-09-16 11:39:22 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.120	STD2	2024-09-16 12:00:45 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.236	STD3	2024-09-16 12:22:09 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.302	STD4	2024-09-16 12:43:34 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.596	STD5	2024-09-16 13:05:00 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.215	STD6	2024-09-16 13:26:26 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.565	STD7	2024-09-16 13:47:53 UTC-4	used

Phosphate (Anions)

(μS/cm) x min

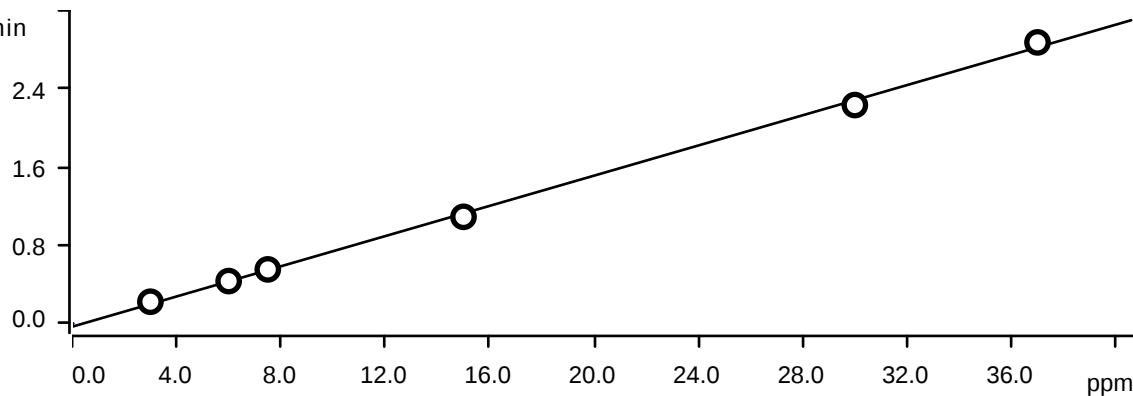
Function: $A = -0.0104137 + 8.60889E-3 \times Q$

Relative standard deviation 2.003622 %

Correlation coefficient 0.999791

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	2024-09-16 11:39:22 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.082	STD2	2024-09-16 12:00:45 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.164	STD3	2024-09-16 12:22:09 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.207	STD4	2024-09-16 12:43:34 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.408	STD5	2024-09-16 13:05:00 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.843	STD6	2024-09-16 13:26:26 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.075	STD7	2024-09-16 13:47:53 UTC-4	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0328706 + 7.71866E-3 \times Q$

Relative standard deviation 3.353471 %

Correlation coefficient 0.999413

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	2024-09-16 11:39:22 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.222	STD2	2024-09-16 12:00:45 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.433	STD3	2024-09-16 12:22:09 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.553	STD4	2024-09-16 12:43:34 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.090	STD5	2024-09-16 13:05:00 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.233	STD6	2024-09-16 13:26:26 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.874	STD7	2024-09-16 13:47:53 UTC-4	used

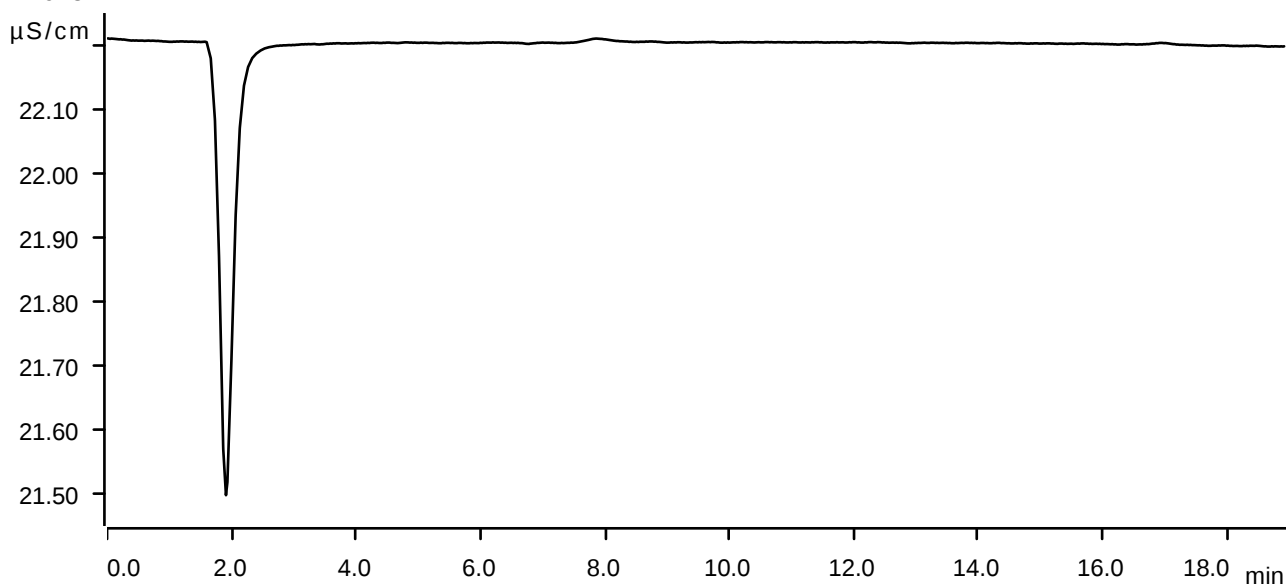
Sample data

Ident STD1
Sample type Standard 1
Determination start 2024-09-16 11:39:22 UTC-4
Method IC1-091624
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



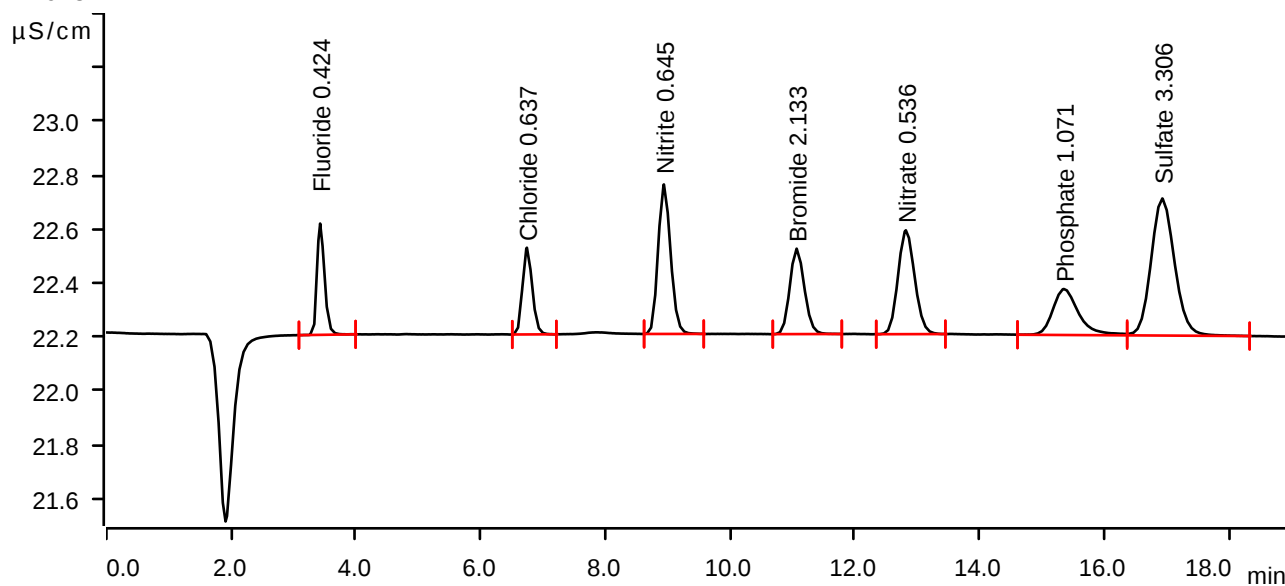
Sample data

Ident STD2
Sample type Standard 2
Determination start 2024-09-16 12:00:45 UTC-4
Method IC1-091624
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.428	0.0572	0.413	0.424	Fluoride
2	6.743	0.0585	0.322	0.637	Chloride
3	8.940	0.1292	0.555	0.645	Nitrite
4	11.067	0.0863	0.317	2.133	Bromide
5	12.818	0.1197	0.385	0.536	Nitrate
6	15.352	0.0818	0.171	1.071	Phosphate
7	16.930	0.2223	0.508	3.306	Sulfate

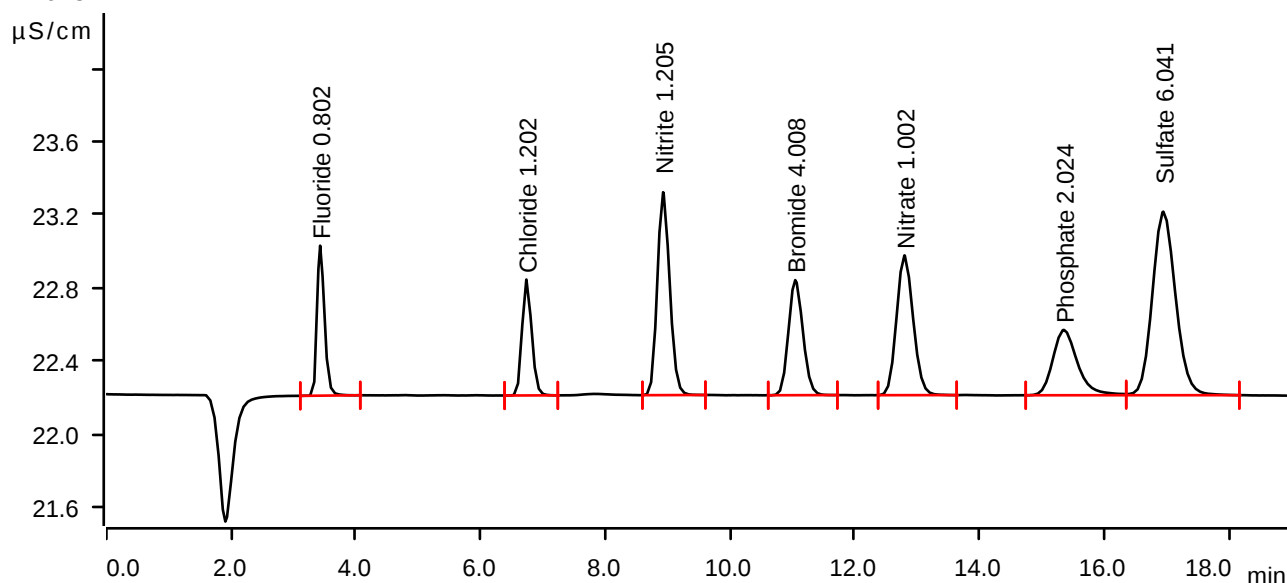
Sample data

Ident STD3
Sample type Standard 3
Determination start 2024-09-16 12:22:09 UTC-4
Method IC1-091624
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.428	0.1129	0.820	0.802	Fluoride
2	6.735	0.1145	0.634	1.202	Chloride
3	8.927	0.2562	1.109	1.205	Nitrite
4	11.045	0.1695	0.629	4.008	Bromide
5	12.795	0.2360	0.764	1.002	Nitrate
6	15.353	0.1638	0.357	2.024	Phosphate
7	16.947	0.4334	1.003	6.041	Sulfate

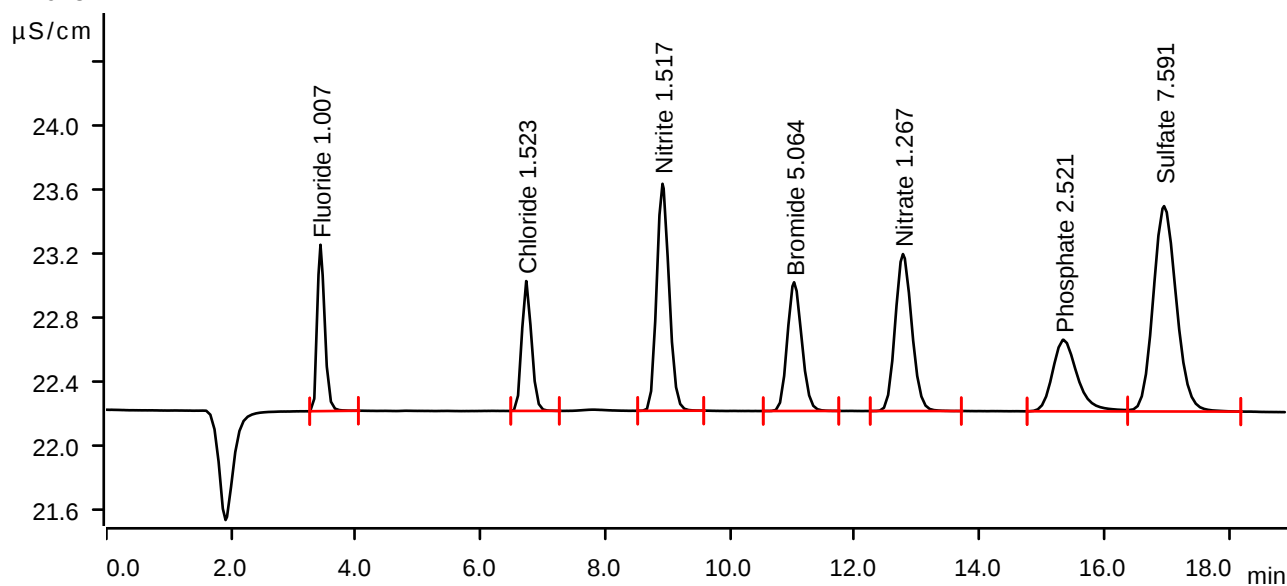
Sample data

Ident STD4
Sample type Standard 4
Determination start 2024-09-16 12:43:34 UTC-4
Method IC1-091624
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 min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.433	0.1429	1.040	1.007	Fluoride
2	6.732	0.1464	0.811	1.523	Chloride
3	8.917	0.3271	1.418	1.517	Nitrite
4	11.027	0.2163	0.804	5.064	Bromide
5	12.772	0.3021	0.981	1.267	Nitrate
6	15.345	0.2066	0.448	2.521	Phosphate
7	16.958	0.5530	1.283	7.591	Sulfate

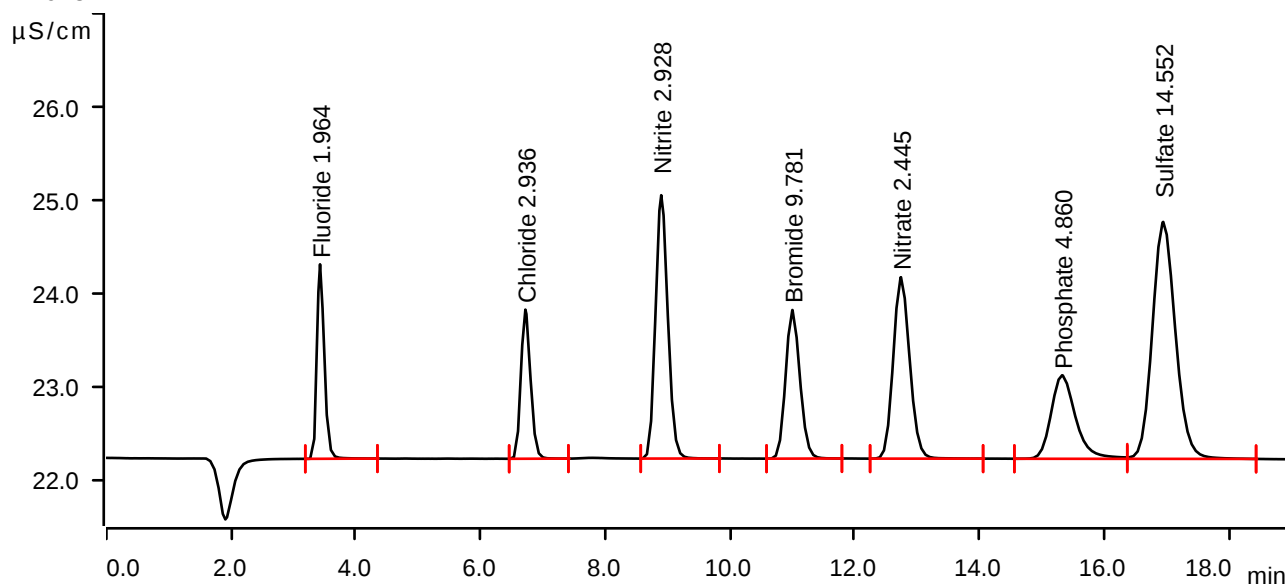
Sample data

Ident STD5
Sample type Standard 5
Determination start 2024-09-16 13:05:00 UTC-4
Method IC1-091624
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 min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.427	0.2838	2.088	1.964	Fluoride
2	6.718	0.2865	1.601	2.936	Chloride
3	8.897	0.6473	2.828	2.928	Nitrite
4	10.998	0.4255	1.596	9.781	Bromide
5	12.740	0.5961	1.949	2.445	Nitrate
6	15.323	0.4080	0.897	4.860	Phosphate
7	16.945	1.0904	2.544	14.552	Sulfate

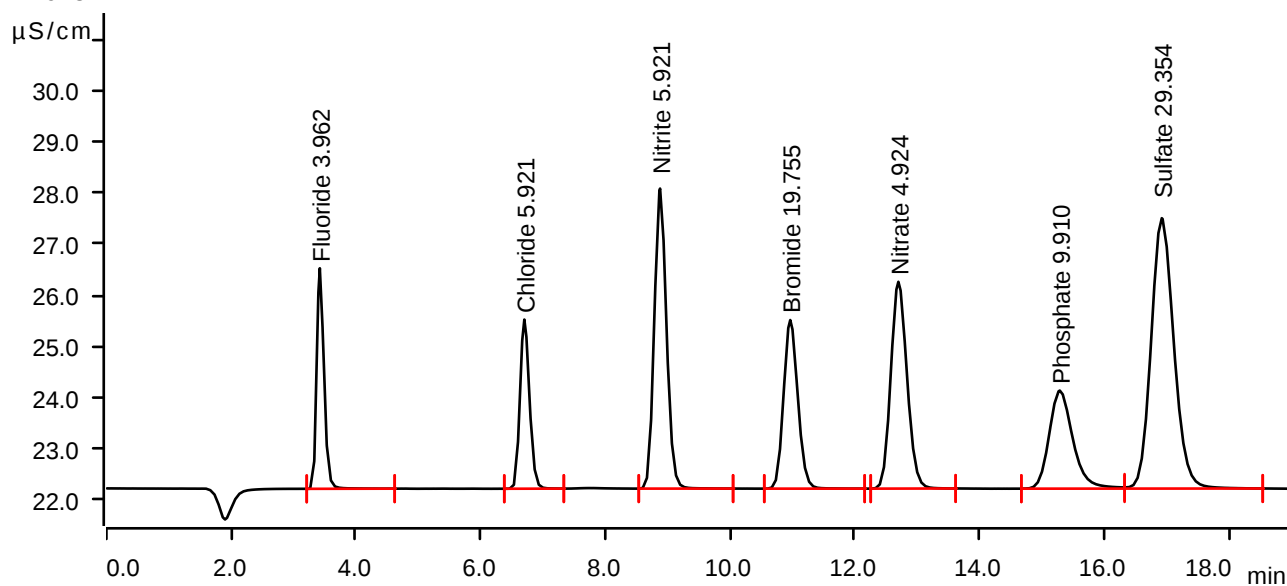
Sample data

Ident STD6
Sample type Standard 6
Determination start 2024-09-16 13:26:26 UTC-4
Method IC1-091624
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.423	0.5779	4.306	3.962	Fluoride
2	6.702	0.5827	3.302	5.921	Chloride
3	8.878	1.3268	5.858	5.921	Nitrite
4	10.965	0.8678	3.292	19.755	Bromide
5	12.698	1.2148	4.037	4.924	Nitrate
6	15.287	0.8428	1.914	9.910	Phosphate
7	16.922	2.2329	5.279	29.354	Sulfate

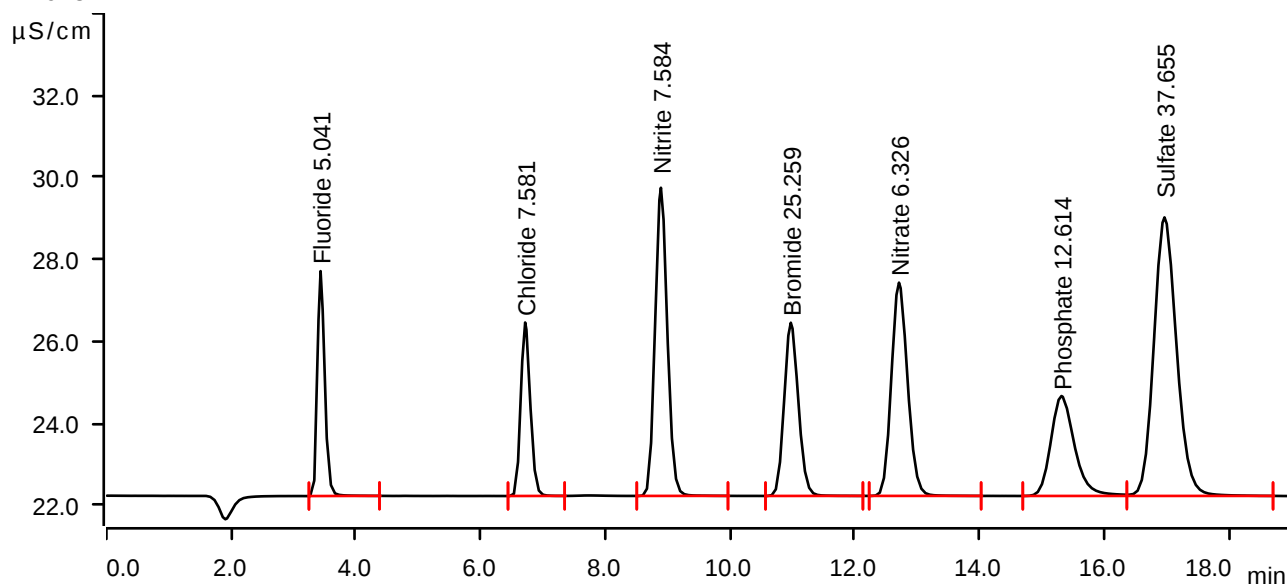
Sample data

Ident STD7
Sample type Standard 7
Determination start 2024-09-16 13:47:53 UTC-4
Method IC1-091624
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



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.435	0.7368	5.489	5.041	Fluoride
2	6.715	0.7473	4.234	7.581	Chloride
3	8.892	1.7044	7.521	7.584	Nitrite
4	10.973	1.1119	4.227	25.259	Bromide
5	12.708	1.5645	5.205	6.326	Nitrate
6	15.313	1.0755	2.439	12.614	Phosphate
7	16.965	2.8736	6.798	37.655	Sulfate

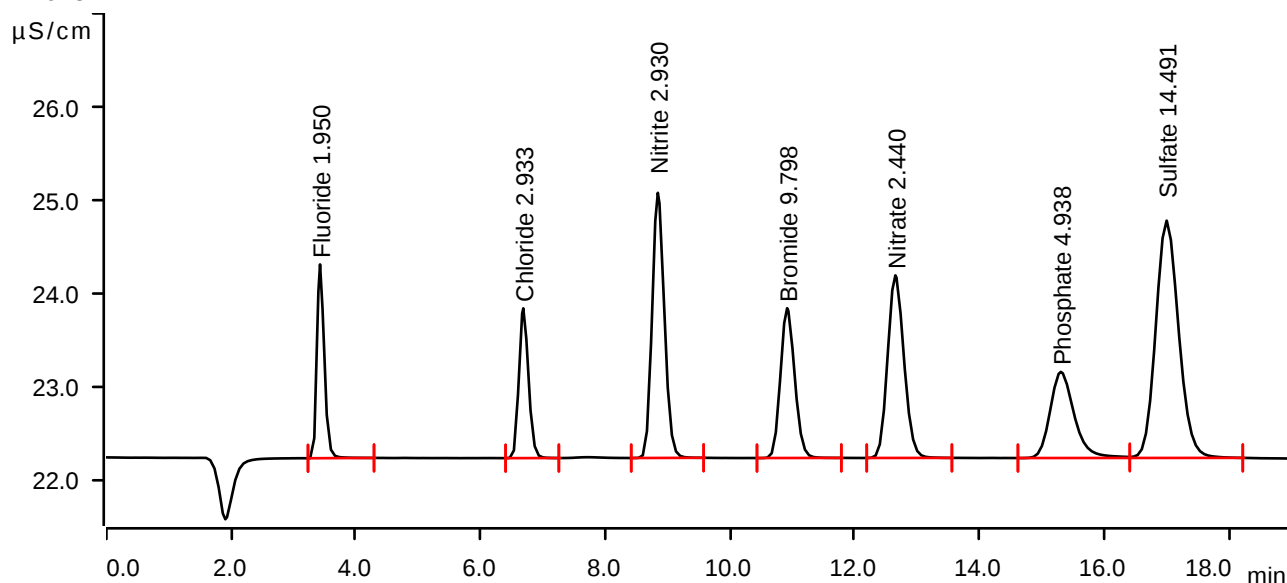
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2024-09-16 15:00:21 UTC-4
Method IC1-091624
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



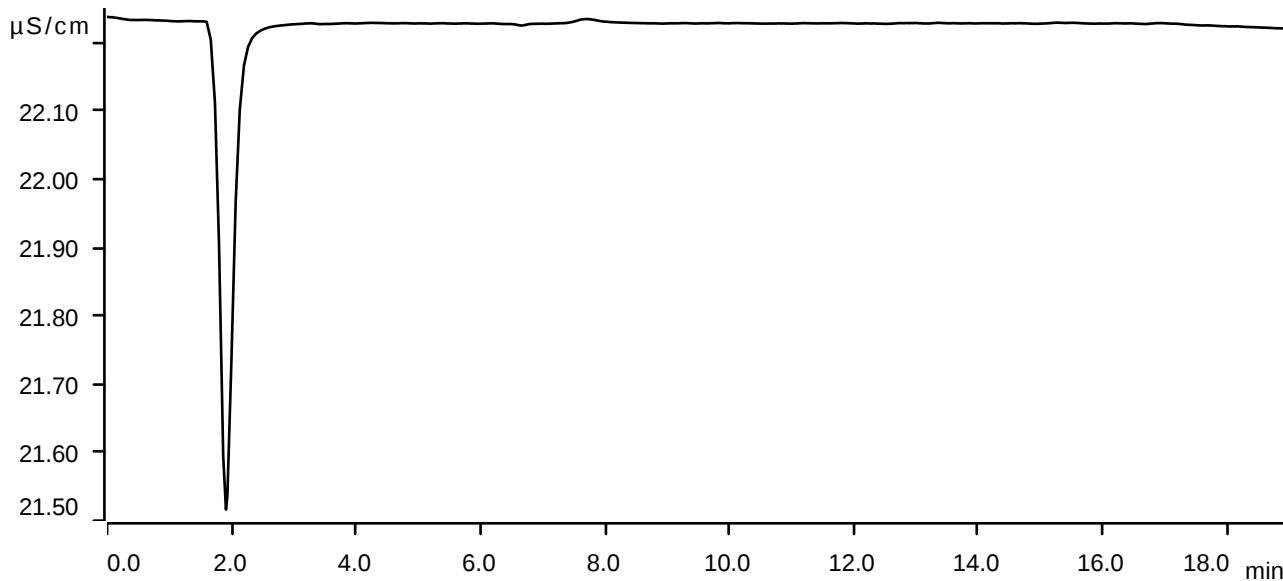
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.427	0.2818	2.081	1.950	Fluoride
2	6.685	0.2862	1.608	2.933	Chloride
3	8.842	0.6478	2.847	2.930	Nitrite
4	10.915	0.4262	1.608	9.798	Bromide
5	12.650	0.5947	1.960	2.440	Nitrate
6	15.303	0.4147	0.925	4.938	Phosphate
7	16.998	1.0857	2.548	14.491	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2024-09-16 15:21:50 UTC-4
Method IC1-091624
Operator

Anions

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

Anions

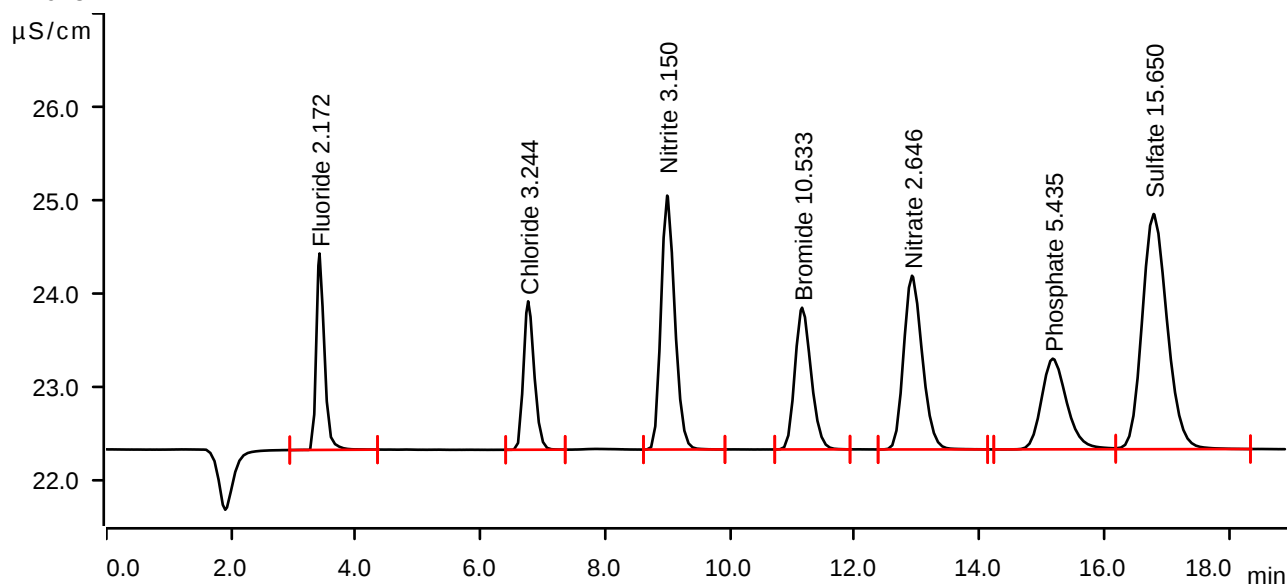
Sample data

Ident CCV
 Sample type Check standard 1
 Determination start 2024-09-25 09:26:12 UTC-4
 Method IC1-091624
 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 13.06 MPa
 Maximum pressure monitored yes
 Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.418	0.3144	2.109	2.172	Fluoride
2	6.763	0.3171	1.594	3.244	Chloride
3	8.992	0.6978	2.727	3.150	Nitrite
4	11.155	0.4588	1.522	10.533	Bromide
5	12.917	0.6461	1.865	2.646	Nitrate
6	15.173	0.4575	0.974	5.435	Phosphate
7	16.790	1.1751	2.525	15.650	Sulfate

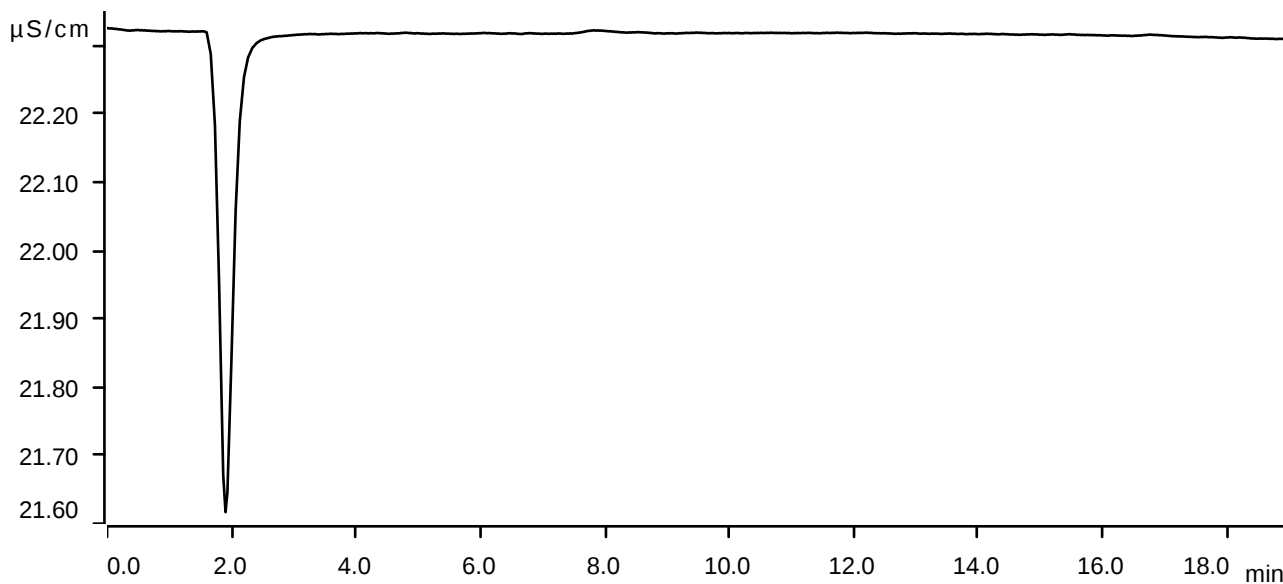
Sample data

Ident CCB
Sample type Sample
Determination start 2024-09-25 09:47:42 UTC-4
Method IC1-091624
Operator

Anions

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

Anions



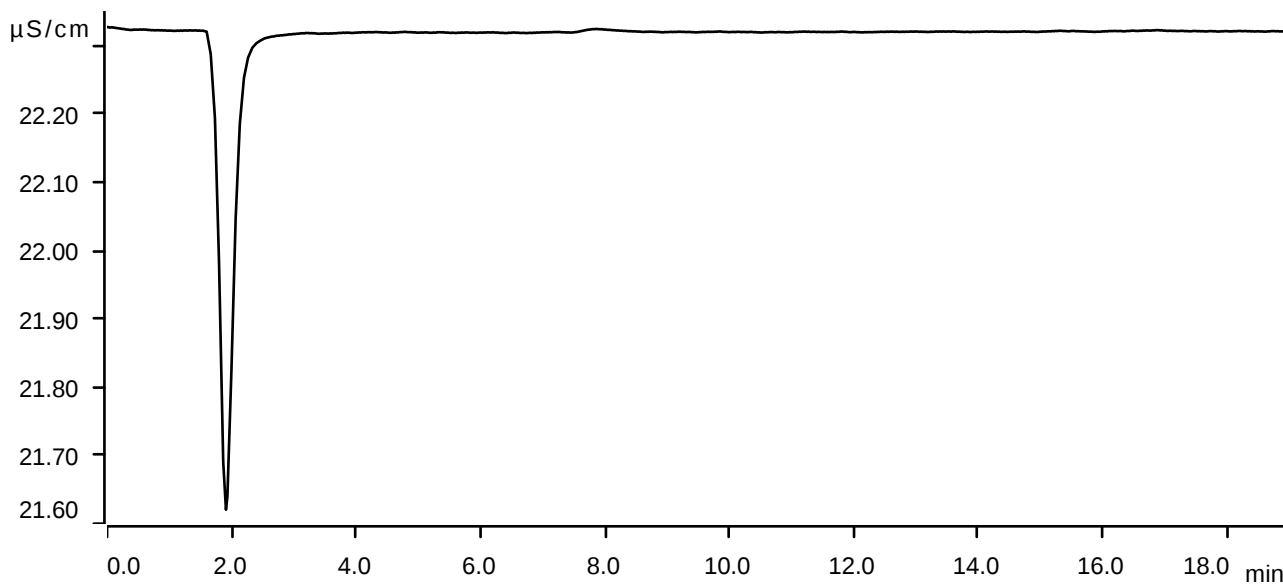
Sample data

Ident LB132617BLW
Sample type Sample
Determination start 2024-09-25 10:09:12 UTC-4
Method IC1-091624
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 12.56 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



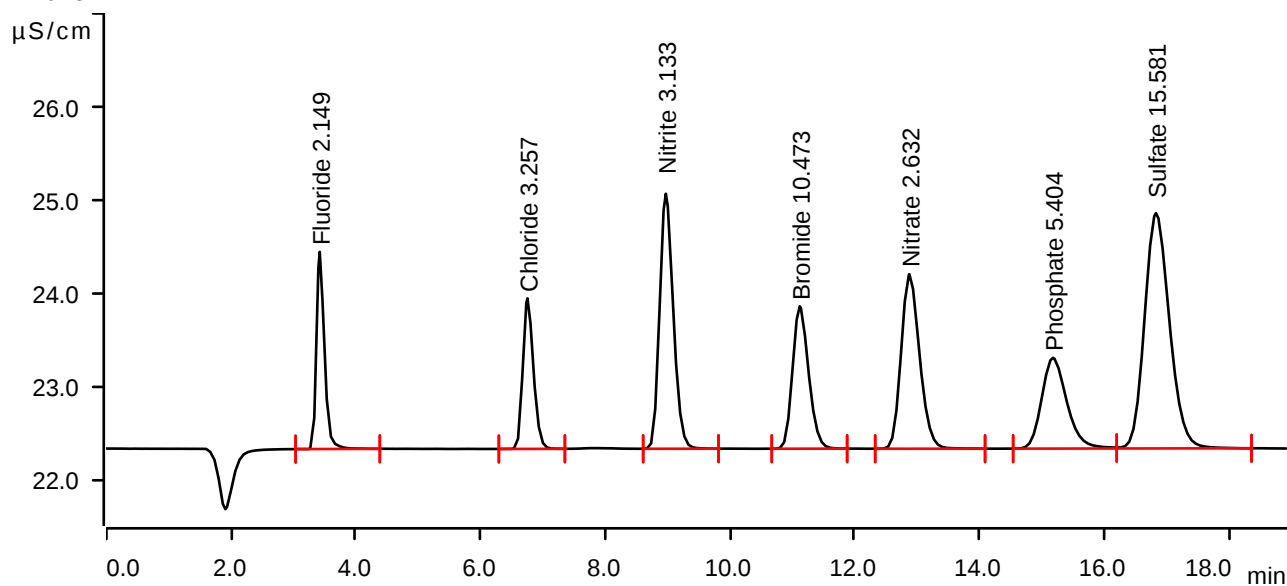
Sample data

Ident LB132617BSW
Sample type Check standard 1
Determination start 2024-09-25 10:30:44 UTC-4
Method IC1-091624
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 12.56 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.422	0.3111	2.117	2.149	Fluoride
2	6.752	0.3184	1.616	3.257	Chloride
3	8.970	0.6938	2.739	3.133	Nitrite
4	11.117	0.4562	1.528	10.473	Bromide
5	12.875	0.6427	1.874	2.632	Nitrate
6	15.177	0.4548	0.974	5.404	Phosphate
7	16.828	1.1698	2.526	15.581	Sulfate

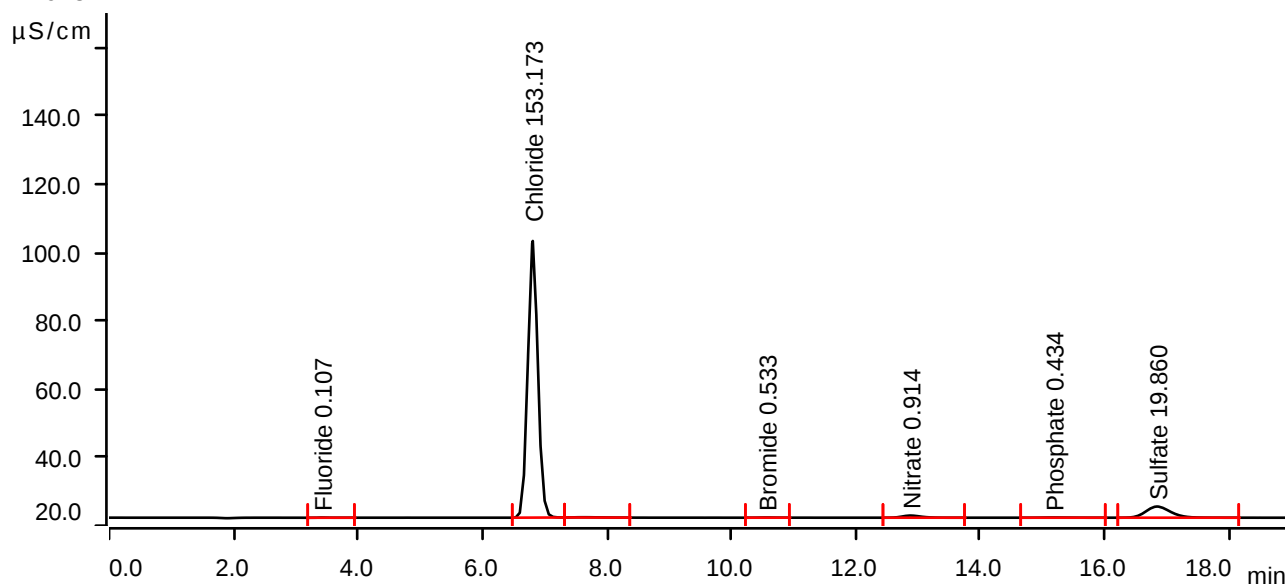
Sample data

Ident P4180-17
Sample type Sample
Determination start 2024-09-25 10:52:17 UTC-4
Method IC1-091624
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 12.50 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.422	0.0106	0.057	0.107	Fluoride
2	6.810	15.1910	81.012	153.173	Chloride
3	7.632	0.0378	0.082	invalid	
4	10.563	0.0153	0.053	0.533	Bromide
5	12.878	0.2141	0.625	0.914	Nitrate
6	15.173	0.0270	0.058	0.434	Phosphate
7	16.840	1.5000	3.272	19.860	Sulfate

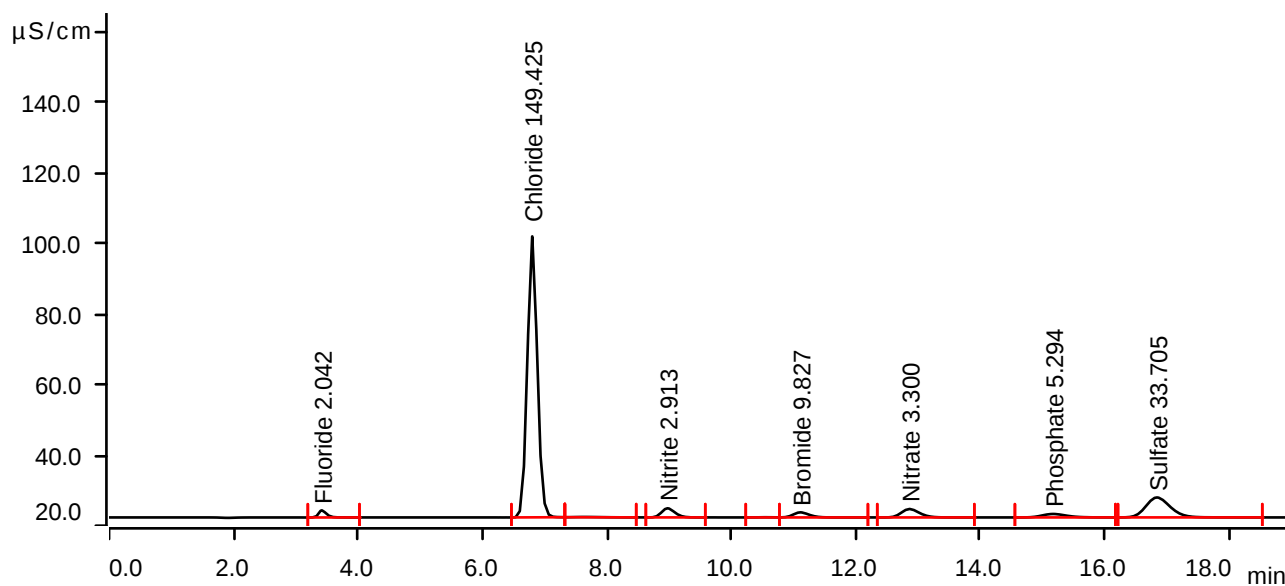
Sample data

Ident P4180-17MS
Sample type Sample
Determination start 2024-09-25 11:13:50 UTC-4
Method IC1-091624
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 12.50 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.420	0.2954	2.032	2.042	Fluoride
2	6.802	14.8192	79.537	149.425	Chloride
3	7.637	0.0380	0.081	invalid	
4	8.975	0.6440	2.587	2.913	Nitrite
5	10.555	0.0143	0.052	invalid	
6	11.110	0.4275	1.440	9.827	Bromide
7	12.863	0.8094	2.389	3.300	Nitrate
8	15.170	0.4453	0.978	5.294	Phosphate
9	16.840	2.5687	5.652	33.705	Sulfate

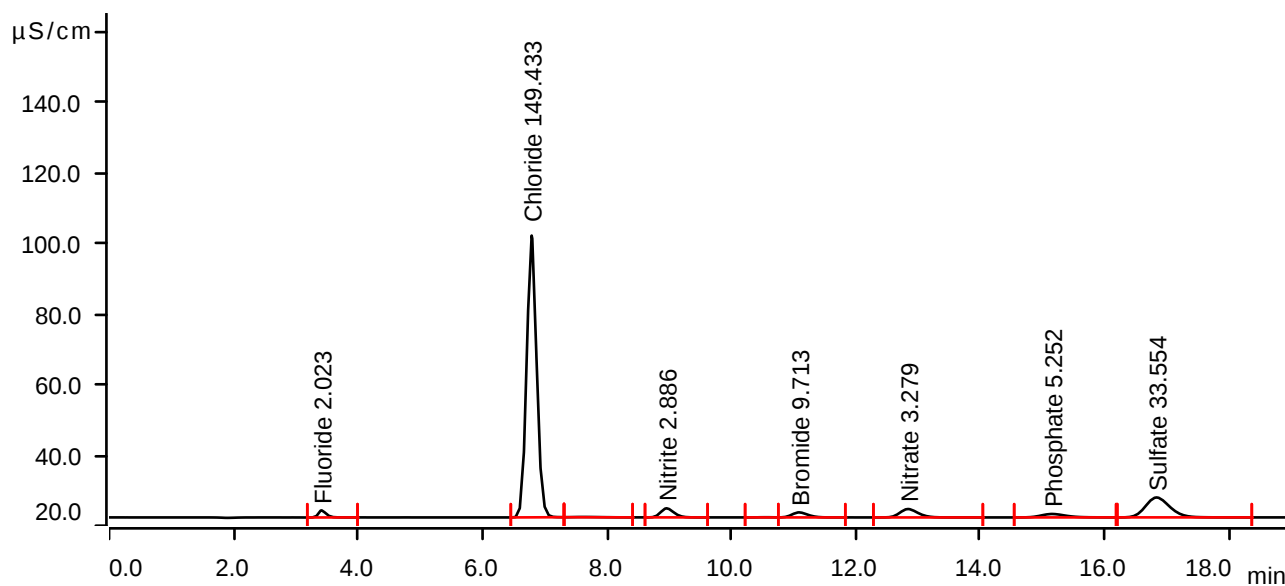
Sample data

Ident P4180-17MSD
Sample type Sample
Determination start 2024-09-25 11:35:24 UTC-4
Method IC1-091624
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 min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.417	0.2926	2.026	2.023	Fluoride
2	6.792	14.8199	79.769	149.433	Chloride
3	7.625	0.0383	0.081	invalid	
4	8.960	0.6379	2.571	2.886	Nitrite
5	10.542	0.0144	0.052	invalid	
6	11.088	0.4224	1.429	9.713	Bromide
7	12.840	0.8042	2.377	3.279	Nitrate
8	15.155	0.4418	0.973	5.252	Phosphate
9	16.833	2.5571	5.647	33.554	Sulfate

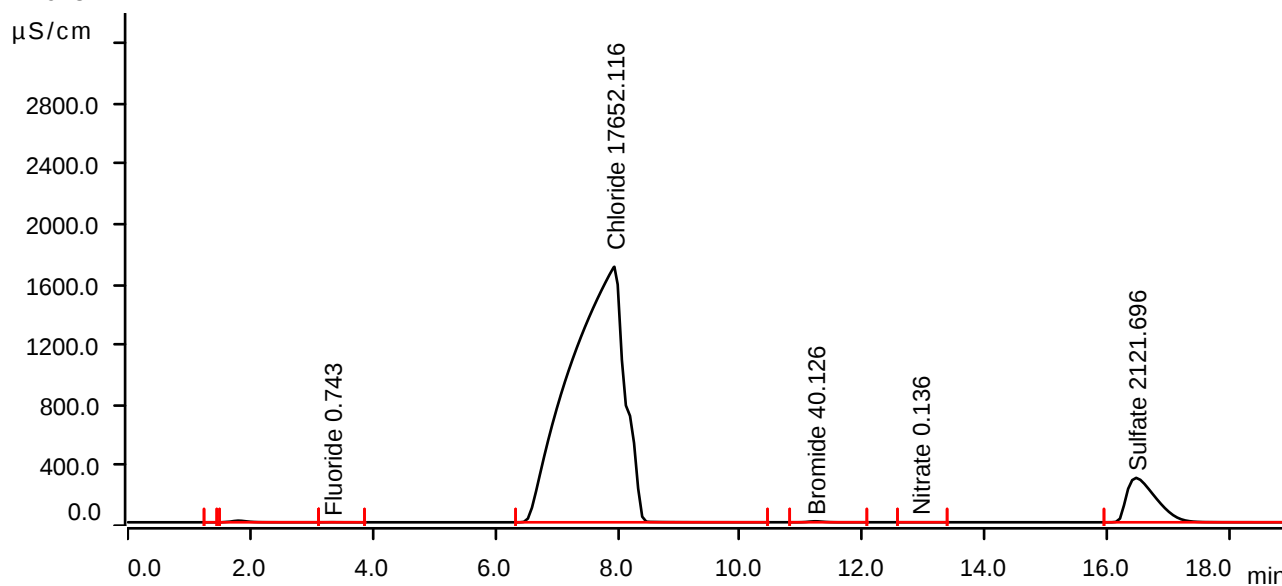
Sample data

Ident P4176-01
Sample type Sample
Determination start 2024-09-25 11:56:58 UTC-4
Method IC1-091624
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 min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.342	0.0032	0.030	invalid	
2	1.808	3.2896	10.778	invalid	
3	3.332	0.1041	0.533	0.743	Fluoride
4	7.947	1751.1925	1695.990	17652.116	Chloride
5	11.227	1.7712	6.412	40.126	Bromide
6	12.913	0.0198	0.060	0.136	Nitrate
7	16.463	163.7336	294.387	2121.696	Sulfate

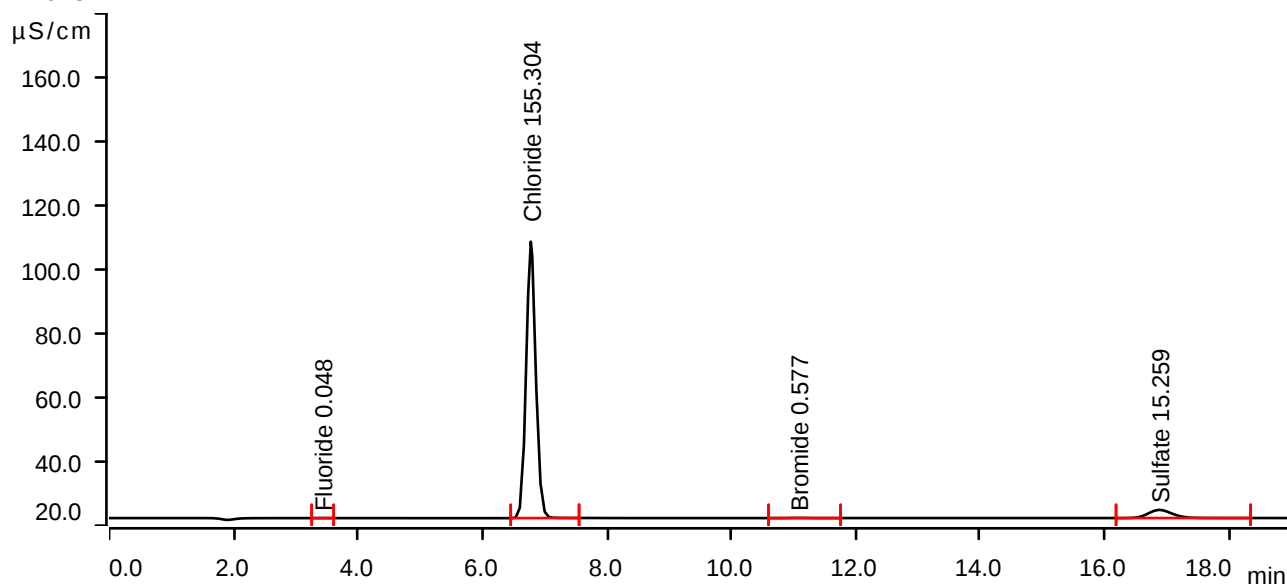
Sample data

Ident P4176-02X100
Sample type Sample
Determination start 2024-09-25 12:39:57 UTC-4
Method IC1-091624
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 min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.423	0.0019	0.014	0.048	Fluoride
2	6.778	15.4024	86.341	155.304	Chloride
3	11.073	0.0173	0.059	0.577	Bromide
4	16.877	1.1449	2.553	15.259	Sulfate

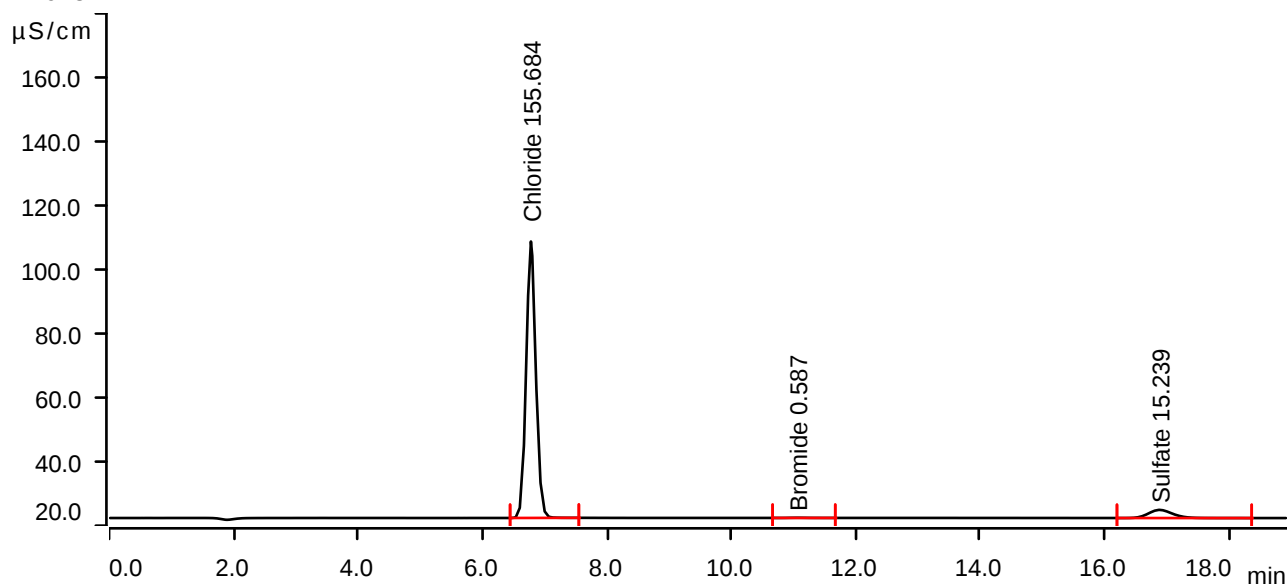
Sample data

Ident P4176-03X100
Sample type Sample
Determination start 2024-09-25 13:02:51 UTC-4
Method IC1-091624
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 min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.780	15.4400	86.350	155.684	Chloride
2	11.058	0.0177	0.060	0.587	Bromide
3	16.880	1.1434	2.549	15.239	Sulfate

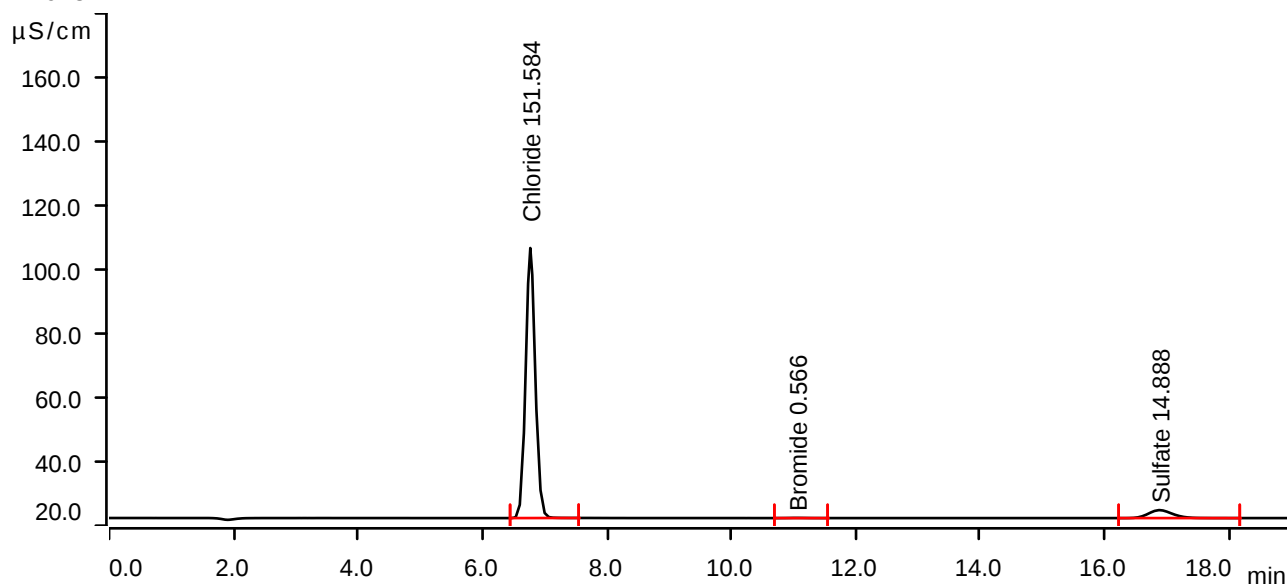
Sample data

Ident P4176-04X100
Sample type Sample
Determination start 2024-09-25 13:24:20 UTC-4
Method IC1-091624
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 12.27 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.770	15.0333	84.353	151.584	Chloride
2	11.055	0.0168	0.057	0.566	Bromide
3	16.880	1.1162	2.491	14.888	Sulfate

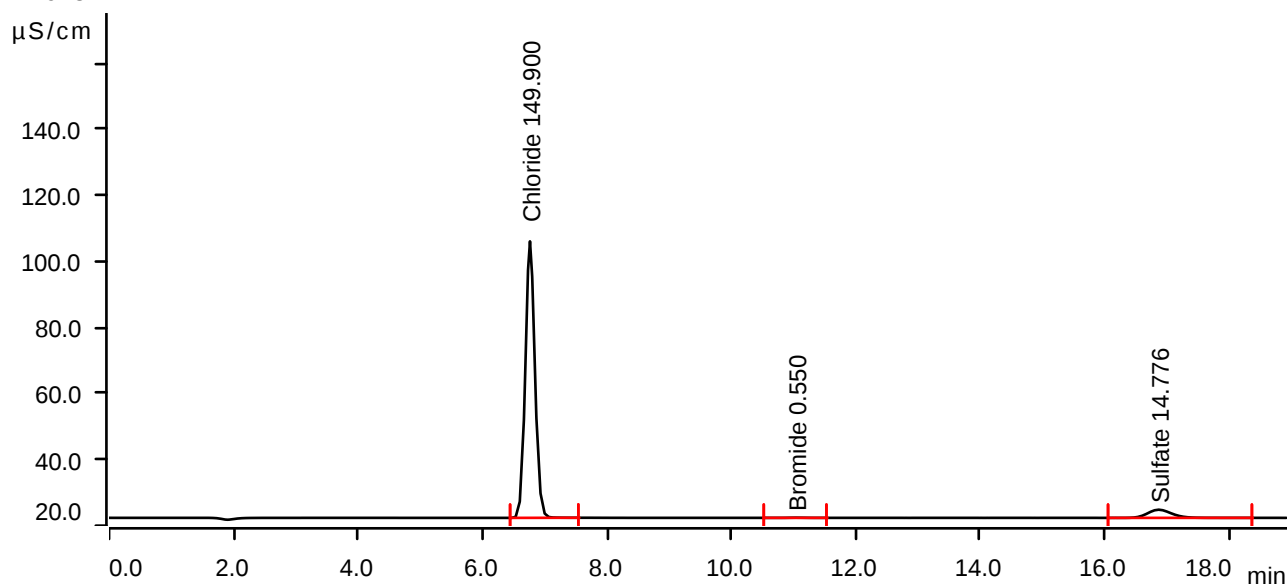
Sample data

Ident P4176-05X100
Sample type Sample
Determination start 2024-09-25 13:45:53 UTC-4
Method IC1-091624
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.765	14.8663	83.671	149.900	Chloride
2	11.043	0.0161	0.055	0.550	Bromide
3	16.867	1.1076	2.474	14.776	Sulfate

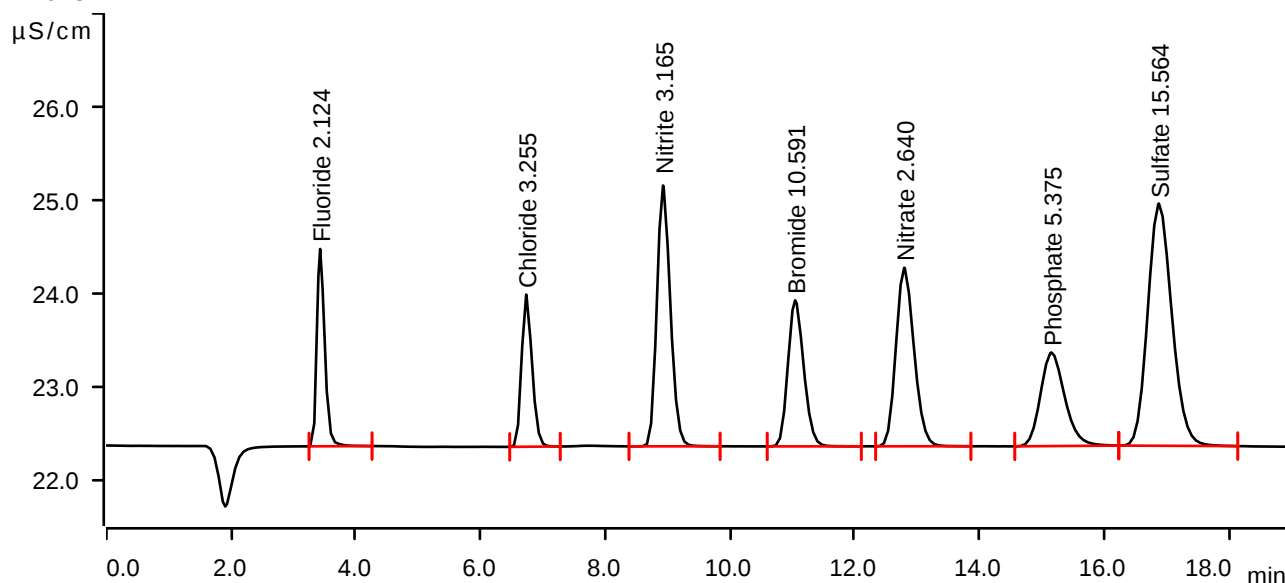
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-09-25 14:07:26 UTC-4
Method IC1-091624
Operator

Anions

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

Anions



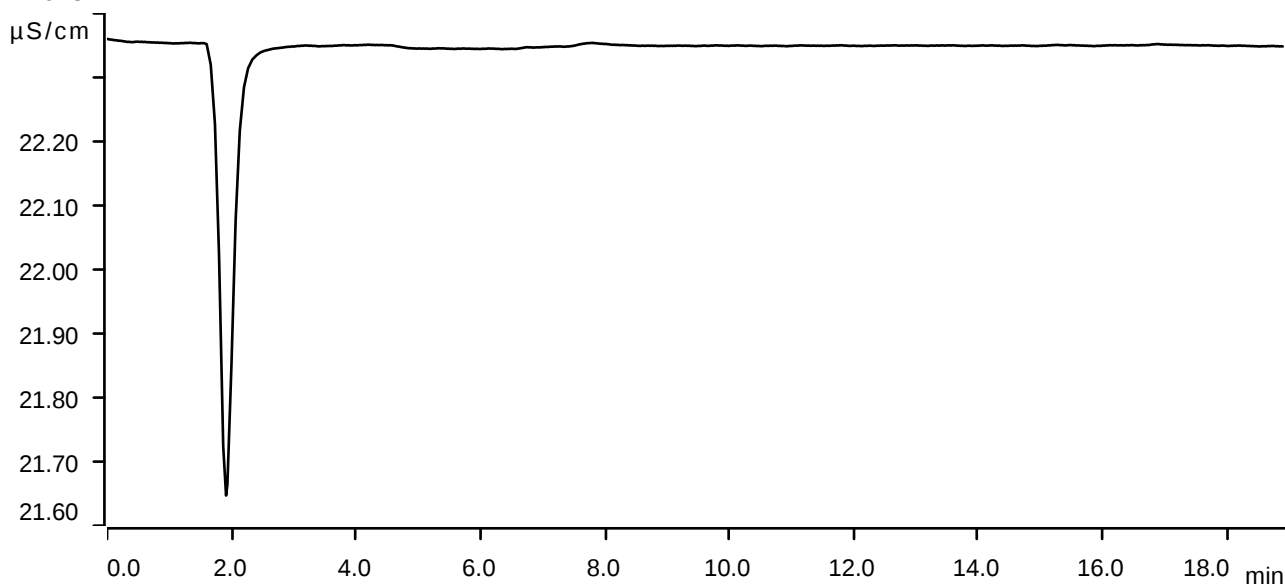
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.428	0.3073	2.119	2.124	Fluoride
2	6.732	0.3182	1.634	3.255	Chloride
3	8.925	0.7011	2.801	3.165	Nitrite
4	11.043	0.4614	1.569	10.591	Bromide
5	12.792	0.6448	1.917	2.640	Nitrate
6	15.153	0.4523	1.005	5.375	Phosphate
7	16.875	1.1684	2.601	15.564	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-09-25 14:28:56 UTC-4
Method IC1-091624
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

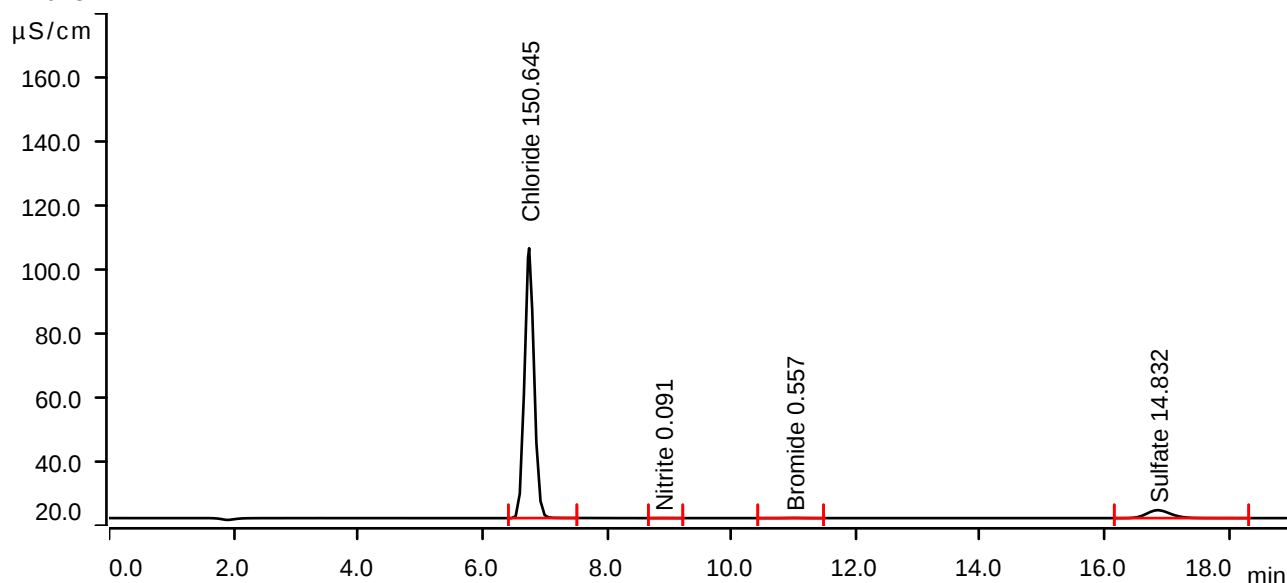
Sample data

Ident P4176-06X100
Sample type Sample
Determination start 2024-09-25 14:50:27 UTC-4
Method IC1-091624
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 12.50 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.752	14.9401	84.304	150.645	Chloride
2	8.892	0.0034	0.014	0.091	Nitrite
3	11.012	0.0164	0.056	0.557	Bromide
4	16.852	1.1120	2.487	14.832	Sulfate

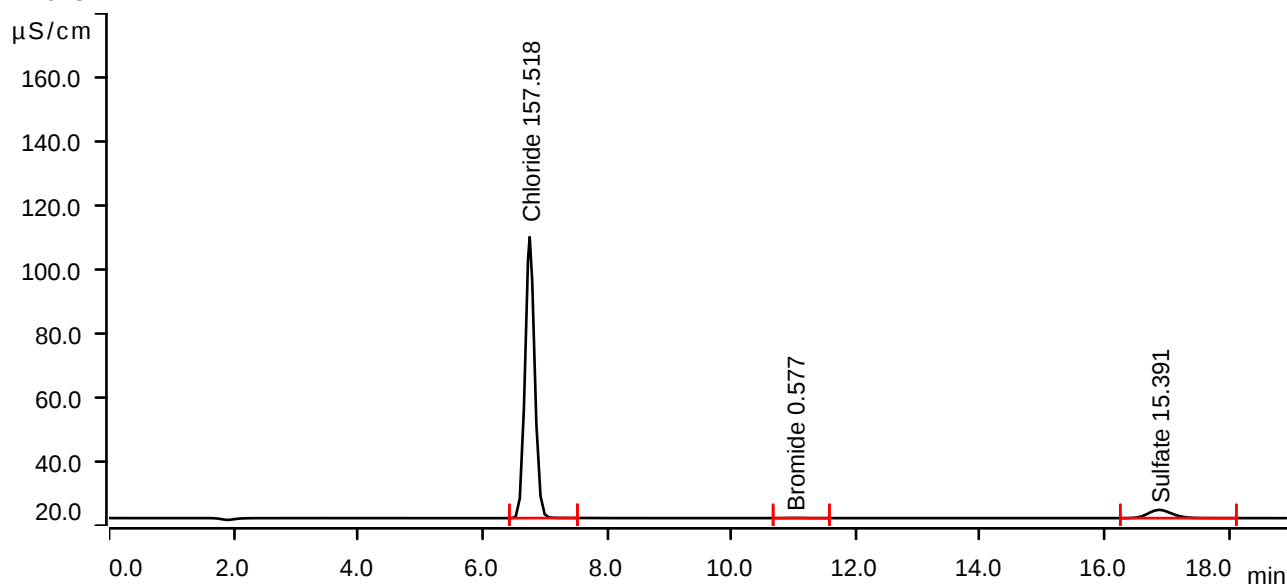
Sample data

Ident P4176-01DLX100
Sample type Sample
Determination start 2024-09-25 15:11:58 UTC-4
Method IC1-091624
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 12.27 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.760	15.6220	87.787	157.518	Chloride
2	11.012	0.0173	0.059	0.577	Bromide
3	16.875	1.1551	2.581	15.391	Sulfate

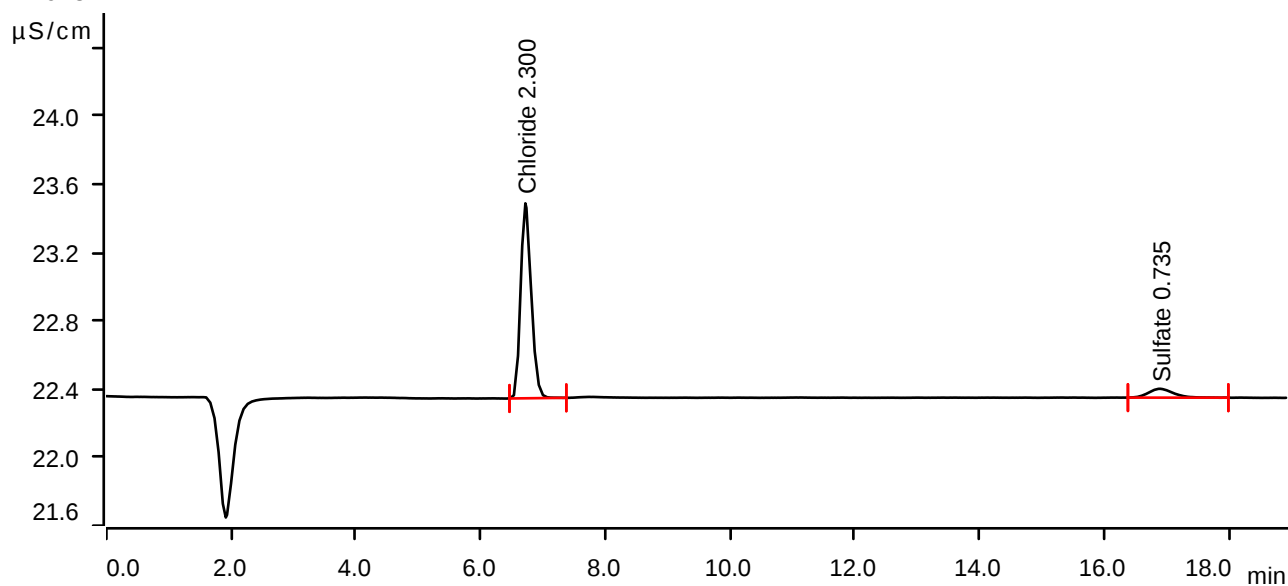
Sample data

Ident P4176-02DLX5000
Sample type Sample
Determination start 2024-09-25 15:33:29 UTC-4
Method IC1-091624
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	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.718	0.2234	1.142	2.300	Chloride
2	16.897	0.0239	0.052	0.735	Sulfate

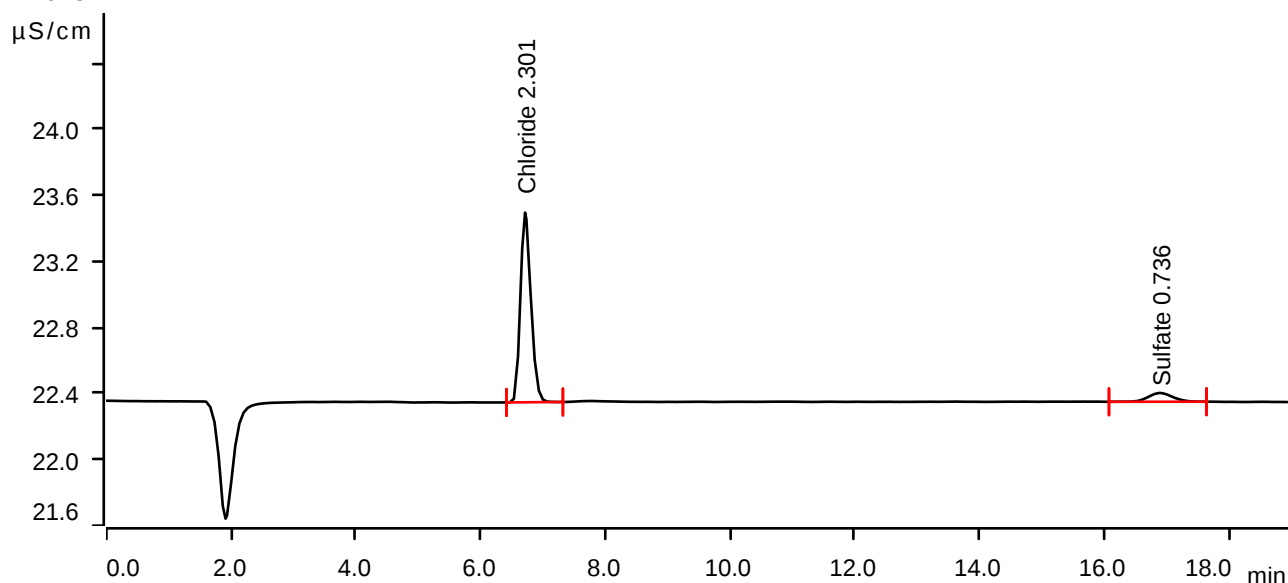
Sample data

Ident P4176-03DLX5000
Sample type Sample
Determination start 2024-09-25 15:54:59 UTC-4
Method IC1-091624
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 min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.713	0.2235	1.148	2.301	Chloride
2	16.897	0.0239	0.053	0.736	Sulfate

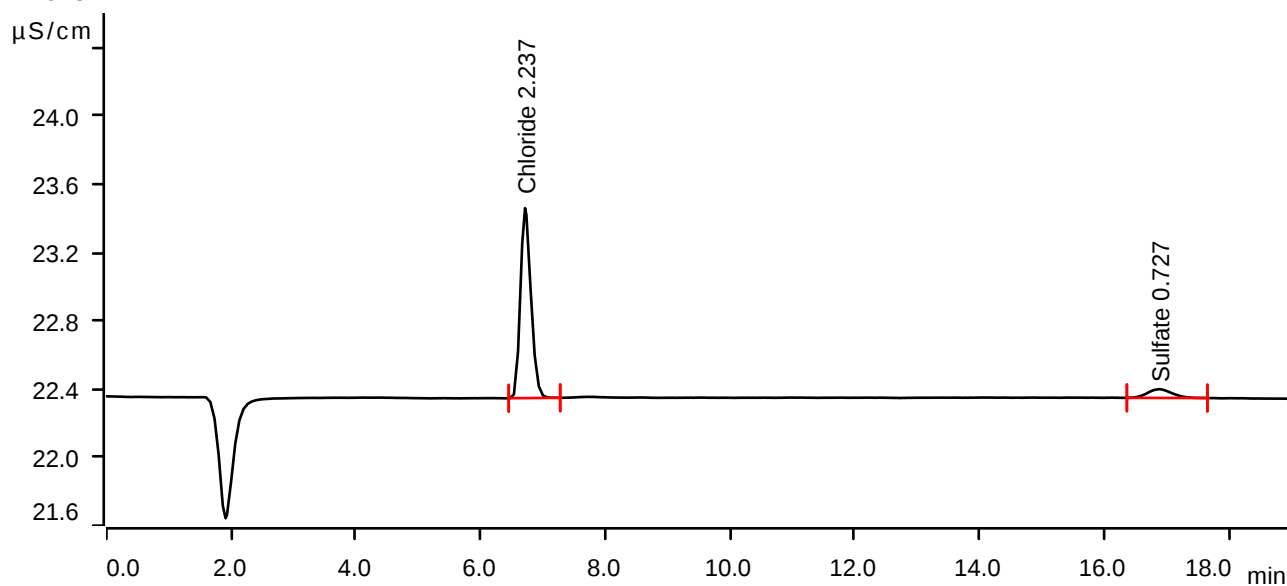
Sample data

Ident P4176-04DLX5000
Sample type Sample
Determination start 2024-09-25 16:16:28 UTC-4
Method IC1-091624
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 min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.713	0.2172	1.113	2.237	Chloride
2	16.882	0.0233	0.051	0.727	Sulfate

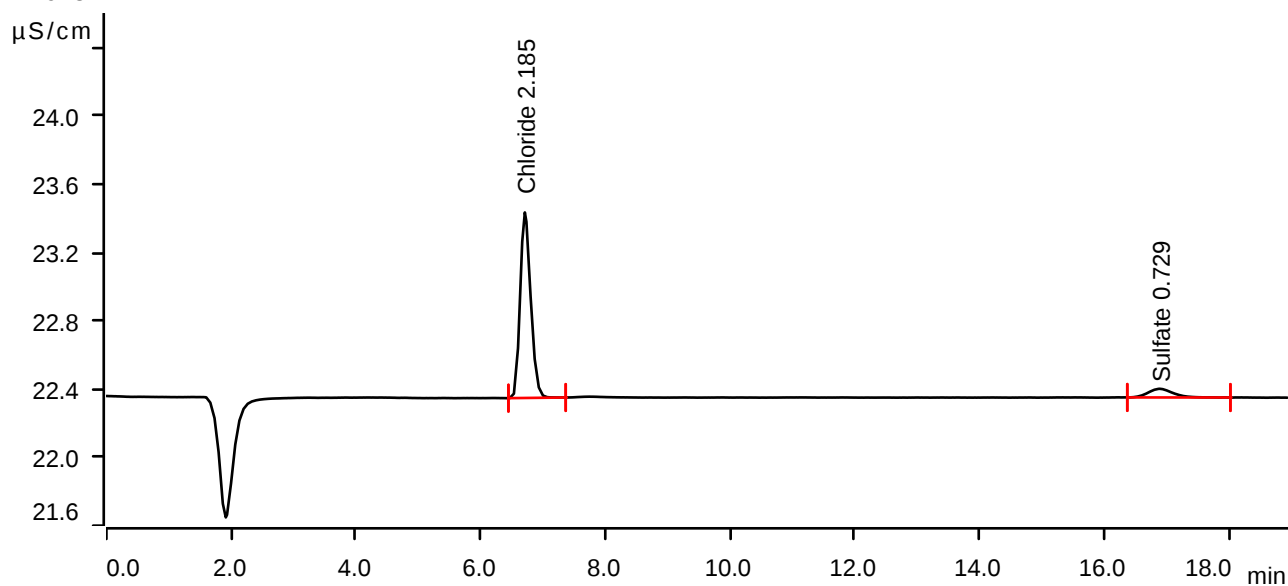
Sample data

Ident P4176-05DLX5000
Sample type Sample
Determination start 2024-09-25 16:37:56 UTC-4
Method IC1-091624
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 12.50 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.710	0.2120	1.087	2.185	Chloride
2	16.888	0.0234	0.051	0.729	Sulfate

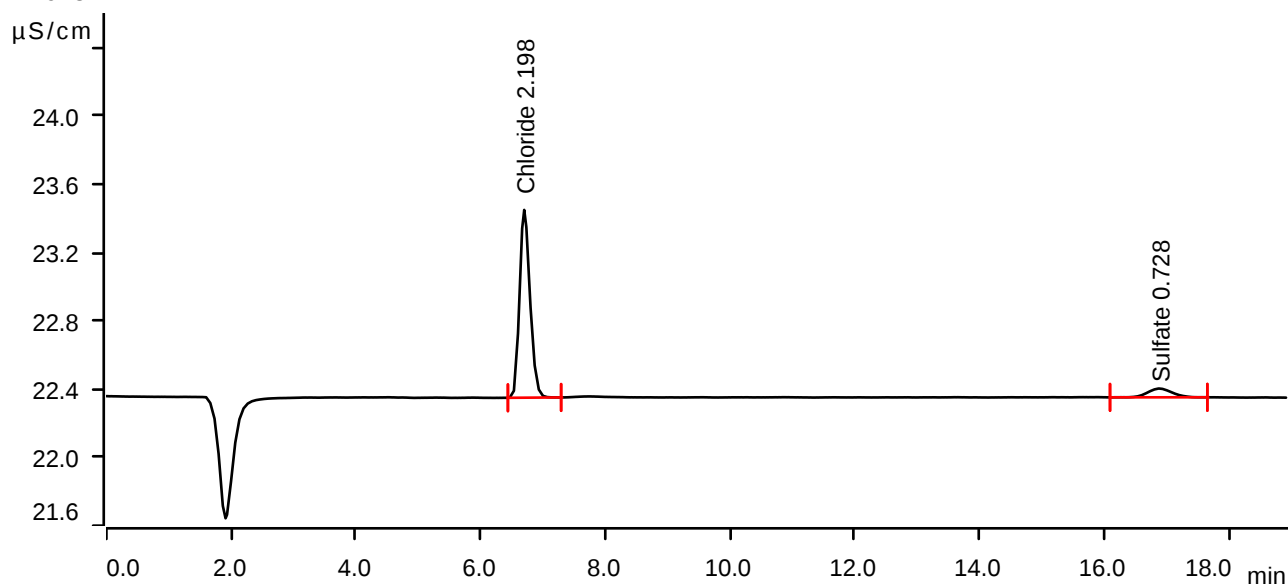
Sample data

Ident P4176-06DLX5000
Sample type Sample
Determination start 2024-09-25 16:59:24 UTC-4
Method IC1-091624
Operator

Anions

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

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.700	0.2133	1.100	2.198	Chloride
2	16.882	0.0233	0.051	0.728	Sulfate

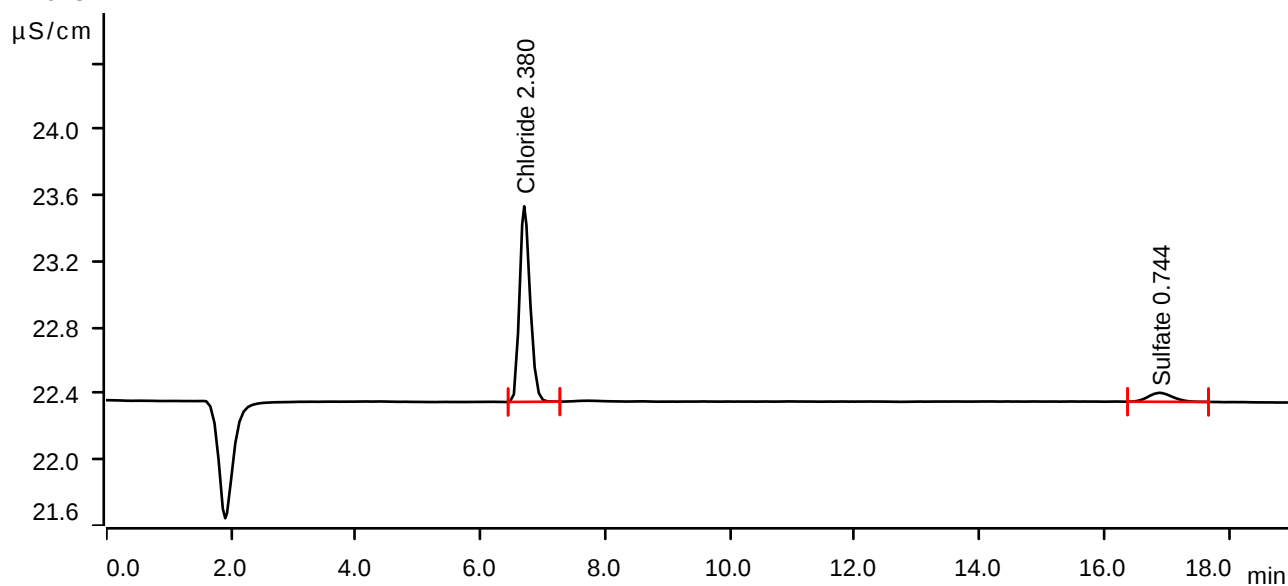
Sample data

Ident P4176-01DL2X5000
Sample type Sample
Determination start 2024-09-25 17:20:50 UTC-4
Method IC1-091624
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.700	0.2314	1.184	2.380	Chloride
2	16.892	0.0245	0.054	0.744	Sulfate

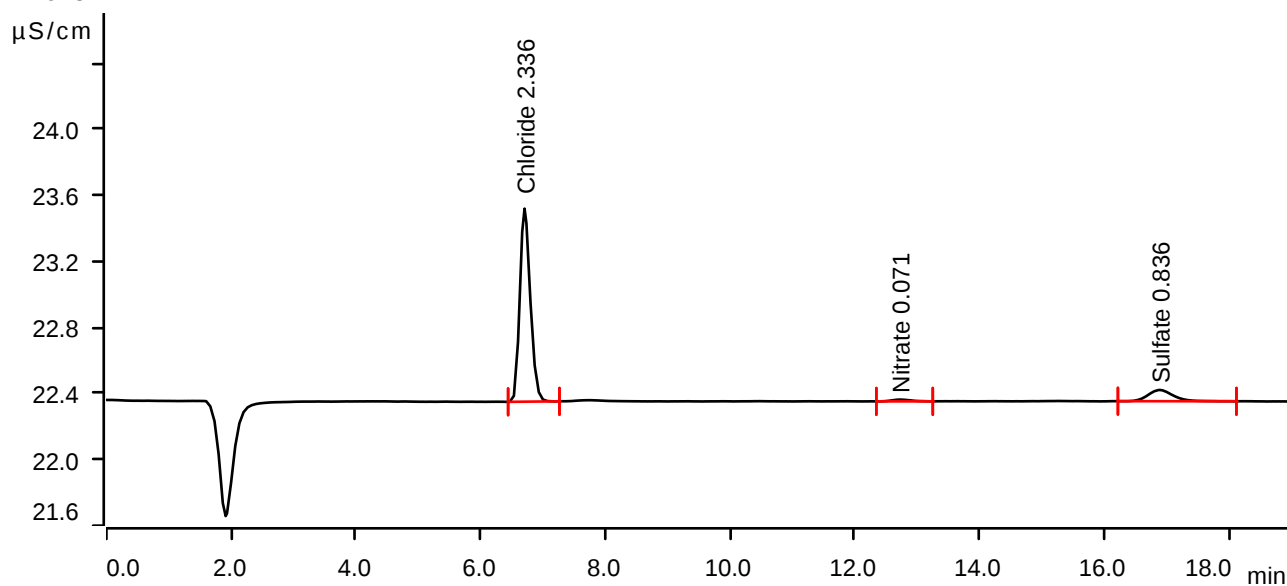
Sample data

Ident P4180-17DLX50
Sample type Sample
Determination start 2024-09-25 17:42:16 UTC-4
Method IC1-091624
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.705	0.2270	1.168	2.336	Chloride
2	12.733	0.0038	0.011	0.071	Nitrate
3	16.887	0.0317	0.068	0.836	Sulfate

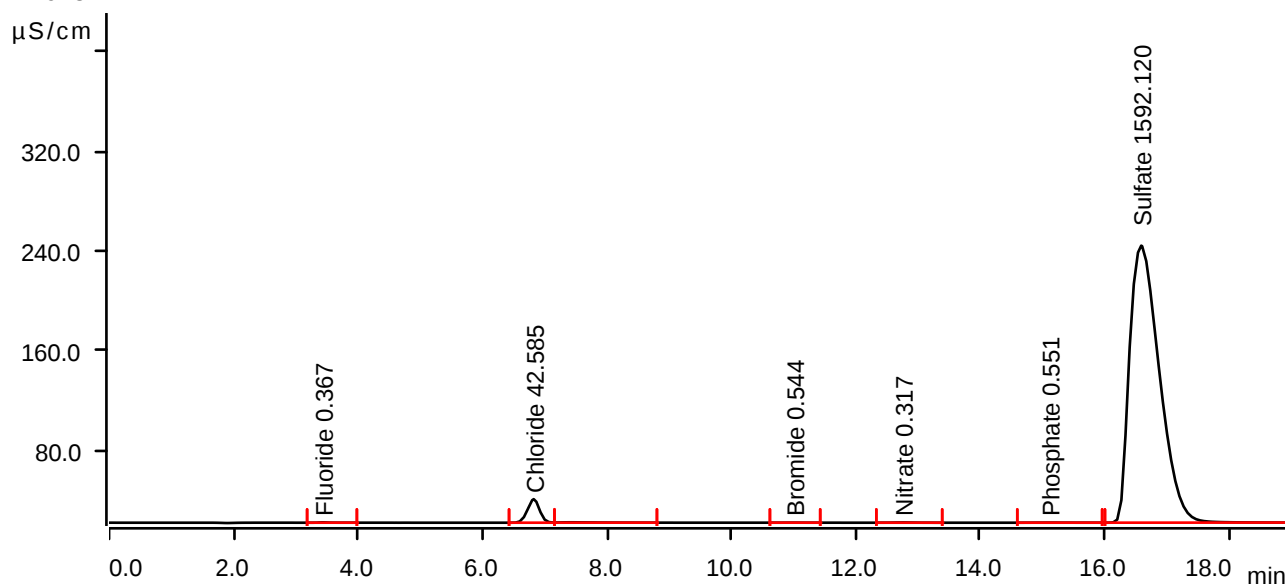
Sample data

Ident P4194-01
Sample type Sample
Determination start 2024-09-25 18:03:43 UTC-4
Method IC1-091624
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 min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.433	0.0489	0.288	0.367	Fluoride
2	6.825	4.2199	18.848	42.585	Chloride
3	7.422	0.1981	0.297	invalid	
4	11.010	0.0158	0.054	0.544	Bromide
5	12.755	0.0652	0.194	0.317	Nitrate
6	15.113	0.0370	0.074	0.551	Phosphate
7	16.587	122.8575	221.761	1592.120	Sulfate

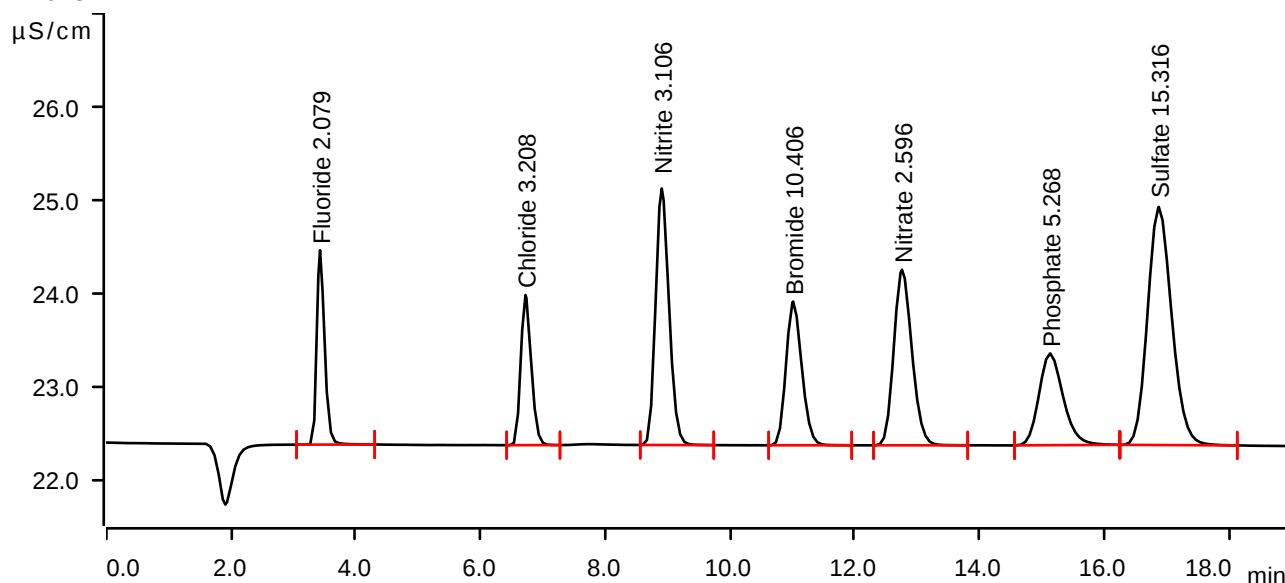
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-09-25 18:25:08 UTC-4
Method IC1-091624
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



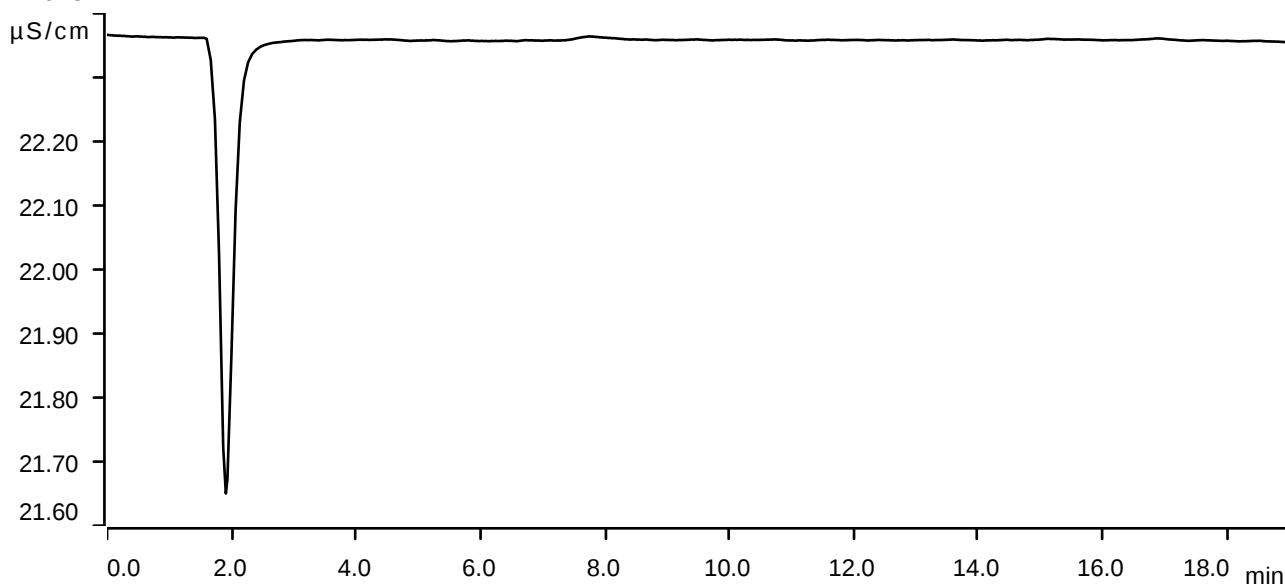
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.427	0.3008	2.088	2.079	Fluoride
2	6.720	0.3135	1.612	3.208	Chloride
3	8.905	0.6877	2.754	3.106	Nitrite
4	11.012	0.4532	1.543	10.406	Bromide
5	12.757	0.6338	1.885	2.596	Nitrate
6	15.130	0.4431	0.985	5.268	Phosphate
7	16.873	1.1493	2.556	15.316	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-09-25 19:08:11 UTC-4
Method IC1-091624
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

WORKLIST(Hardcopy Internal Chain)

LB 1326(2)

WorkList Name : ANIONS-09252024

WorkList ID : 183792

Department : Wet-Chemistry

Date : 09-25-2024 08:48:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4176-01	FB-NC-SYS2	Water	Anions Group1	Cool 4 deg C	RUTW01	J41	09/24/2024	300.0
P4176-02	FB-1C-SYS2	Water	Anions Group1	Cool 4 deg C	RUTW01	J41	09/24/2024	300.0
P4176-03	FB-2C-SYS2	Water	Anions Group1	Cool 4 deg C	RUTW01	J41	09/24/2024	300.0
P4176-04	FB-NC-SYS1	Water	Anions Group1	Cool 4 deg C	RUTW01	J41	09/24/2024	300.0
P4176-05	FB-1C-SYS1	Water	Anions Group1	Cool 4 deg C	RUTW01	J41	09/24/2024	300.0
P4176-06	FB-2C-SYS1	Water	Anions Group1	Cool 4 deg C	RUTW01	J41	09/24/2024	300.0
P4180-17	5602-75-001-NEUTRALIZATION	Water	Anions Group1	Cool 4 deg C	SCIE01	J41	09/24/2024	300.0

Date/Time 09.25.2024, 09:00

Raw Sample Received by: NF(wc)

Raw Sample Relinquished by: NF(wc)

Date/Time

09.25.2024, 13:00

Raw Sample Received by:

NF(wc)

Raw Sample Relinquished by:

NF(wc)

WORKLIST(Hardcopy Internal Chain)

LB132617

WorkList Name : ANIONS- 09252024

WorkList ID : 183826

Department : Wet-Chemistry

Date : 09-25-2024 15:42:54

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4194-01	MANHOLE-119-KEARNY	Water	Anions Group1	Cool 4 deg C	PSEG03	J51	09/25/2024	300.0

Date/Time 09.25.2024 , 16:00
Raw Sample Received by: NF(wc)
Raw Sample Relinquished by: NF(wc)

Date/Time 09.25.2024 , 17:00
Raw Sample Received by: NF(wc)
Raw Sample Relinquished by: NF(wc)