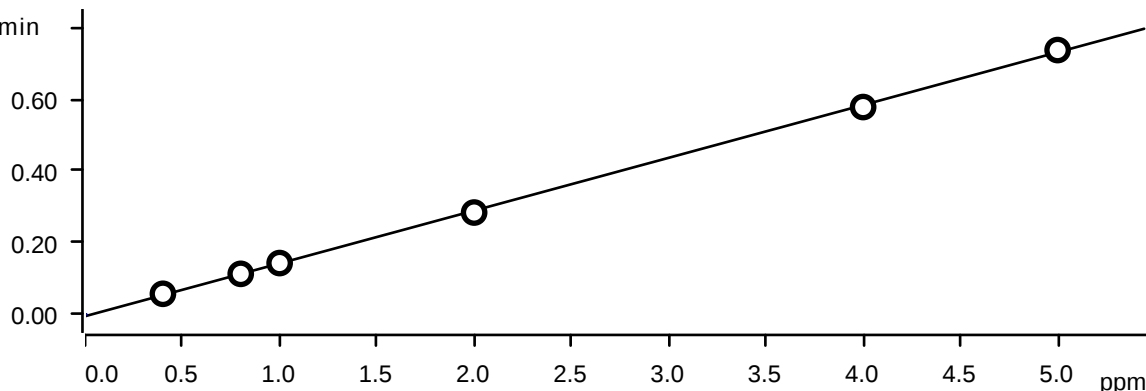


Clear table

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 11:39:4	10	NF/IZ				
STD2	0.424	0.637	0.645	2.133	0.536	1.071	3.306	IC1-091624	2024-09-16 12:00:4	10	NF/IZ				
STD3	0.802	1.202	1.205	4.008	1.002	2.024	6.041	IC1-091624	2024-09-16 12:22:4	10	NF/IZ				
STD4	1.007	1.523	1.517	5.064	1.267	2.521	7.591	IC1-091624	2024-09-16 12:43:4	10	NF/IZ				
STD5	1.964	2.936	2.928	9.781	2.445	4.86	14.552	IC1-091624	2024-09-16 13:05:4	10	NF/IZ				
STD6	3.962	5.921	5.921	19.755	4.924	9.91	29.354	IC1-091624	2024-09-16 13:26:4	10	NF/IZ				
STD7	5.041	7.581	7.584	25.259	6.326	12.614	37.655	IC1-091624	2024-09-16 13:47:4	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)

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



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

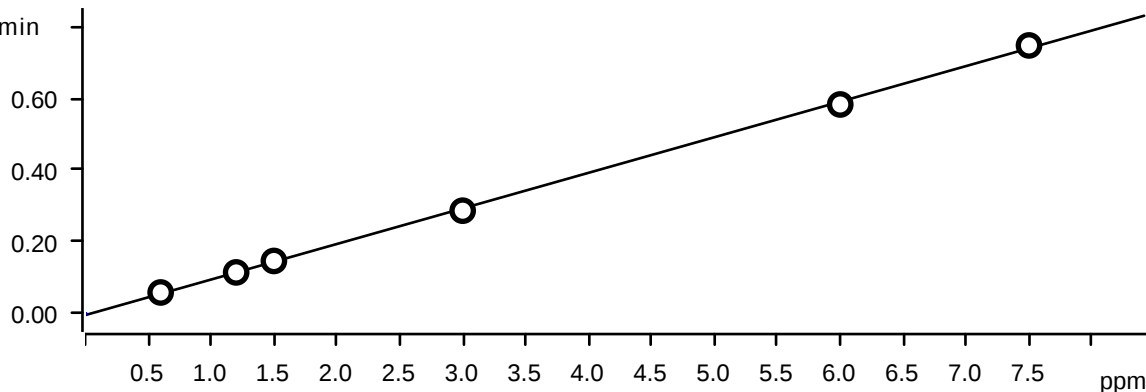
Relative standard deviation 1.655264 %

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)

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

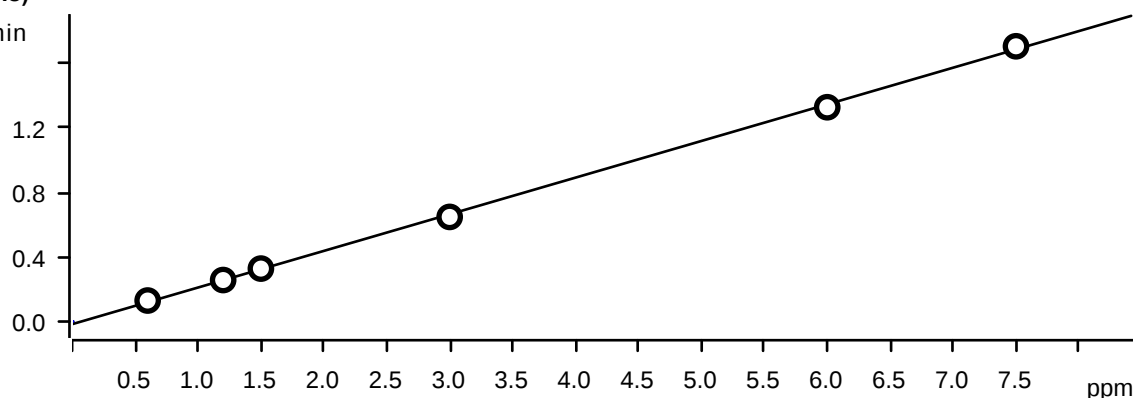


Function: $A = -4.73518E-3 + 9.92061E-3 \times Q$

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) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0172576 + 0.0227000 \times Q$

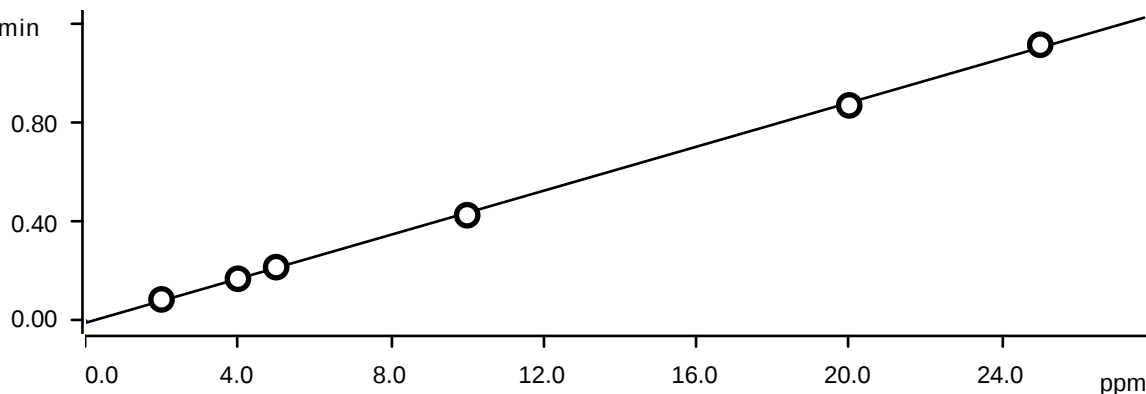
Relative standard deviation 2.245267 %

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)

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



Function: $A = -8.29886E-3 + 4.43473E-3 \times Q$

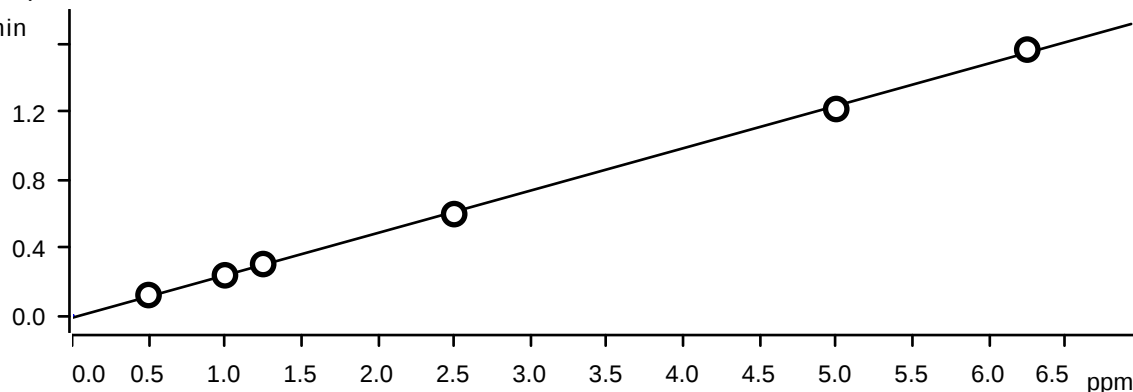
Relative standard deviation: 2.051807 %

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)

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

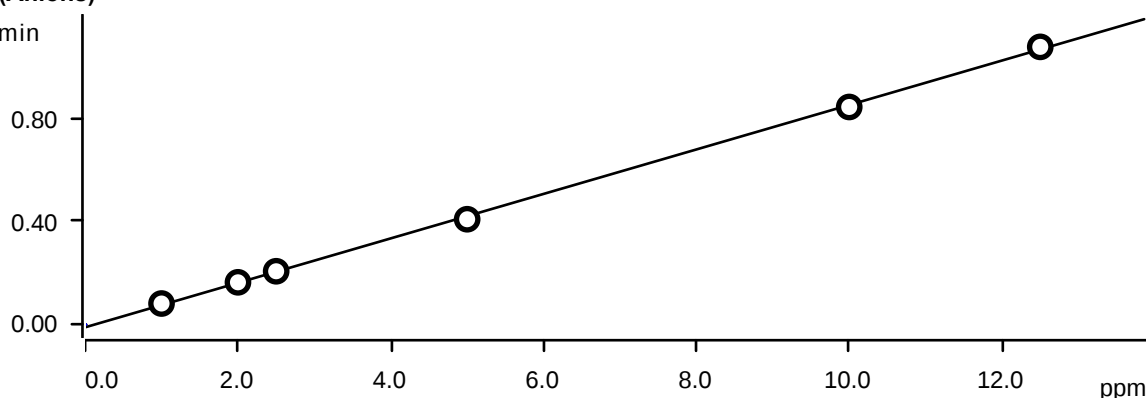


Function: $A = -0.0140308 + 0.0249539 \times Q$

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

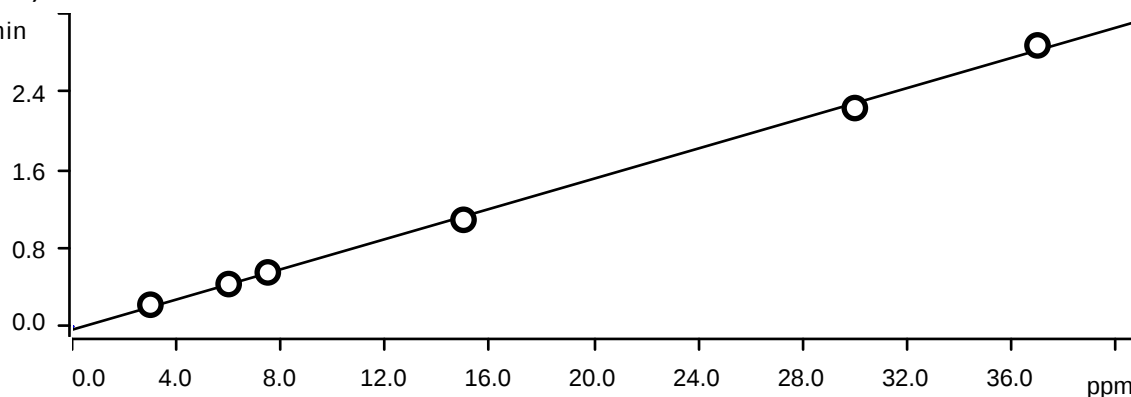
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0104137 + 8.60889E-3 \times Q$

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

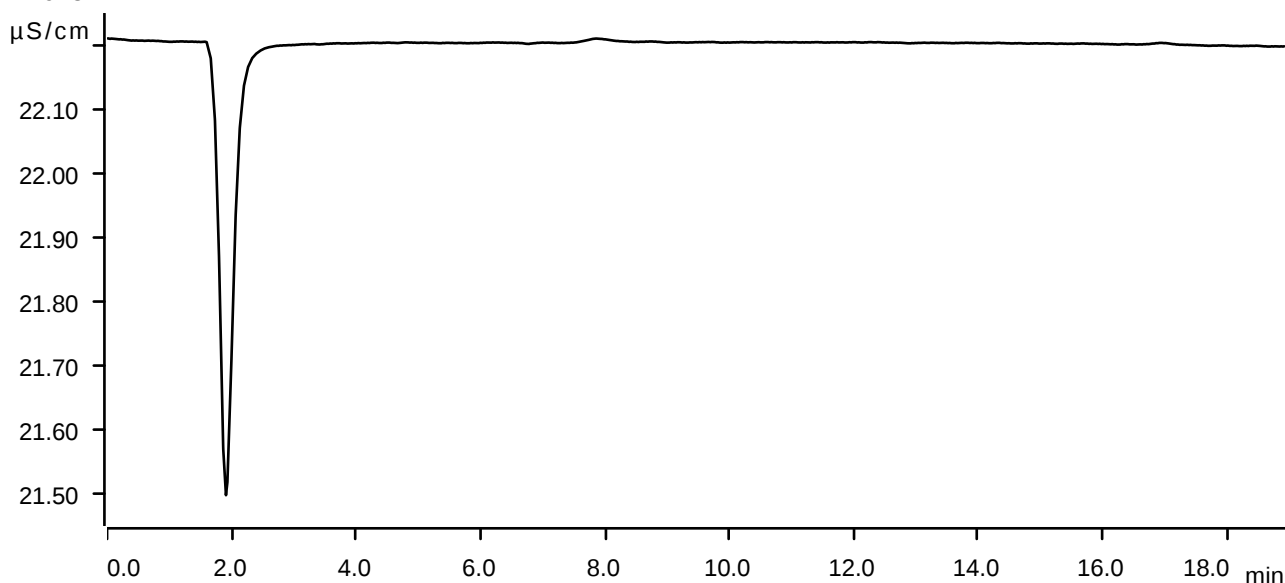
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-09-16 11:39:22 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.222	STD2	2024-09-16 12:00:45 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.433	STD3	2024-09-16 12:22:09 UTC-4	used
Standard 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

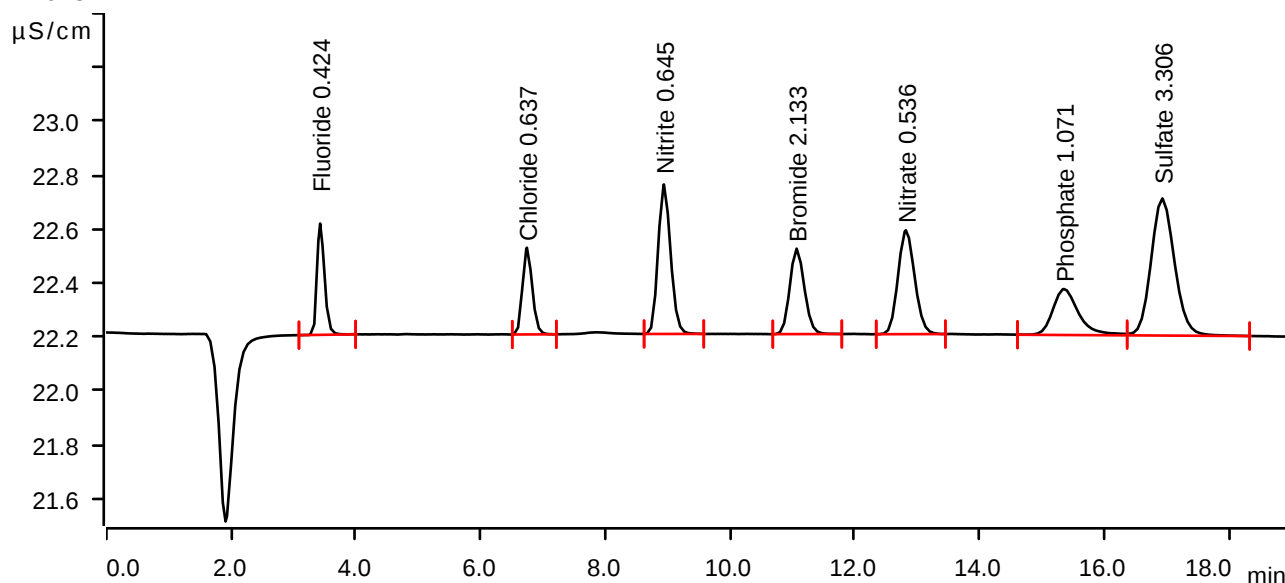
Sample data

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

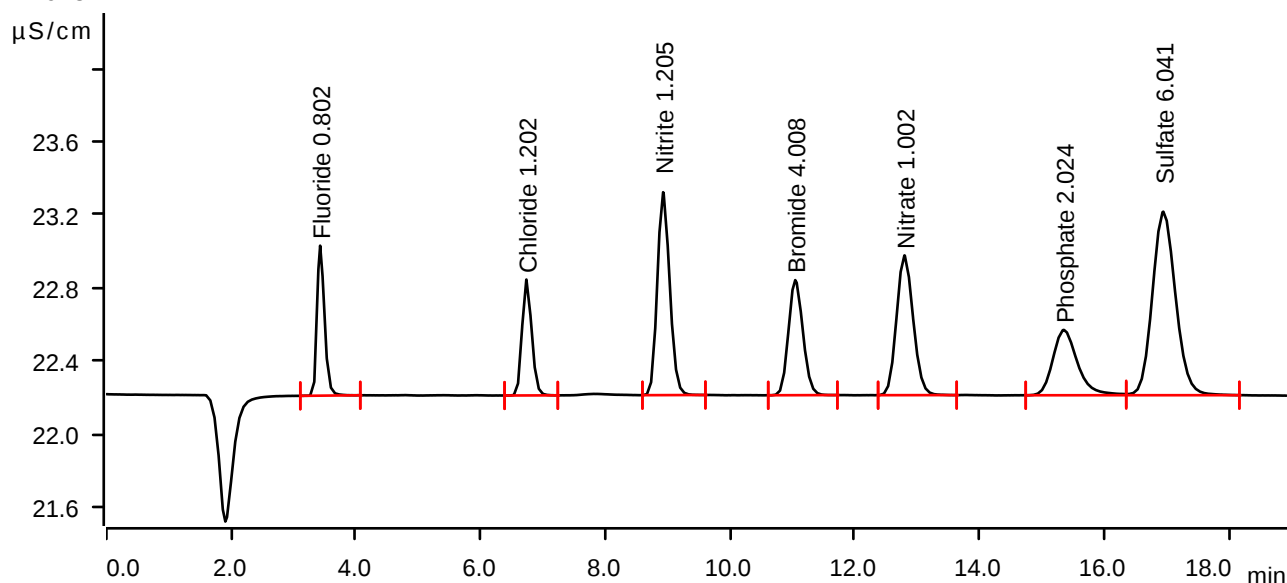
Sample data

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

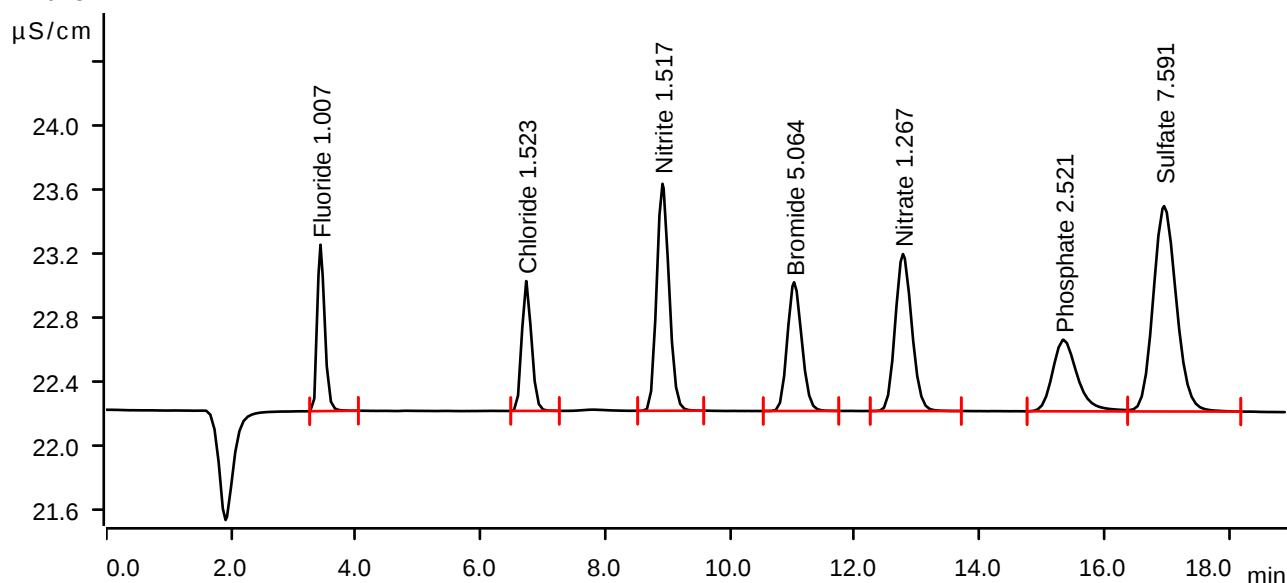
Sample data

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

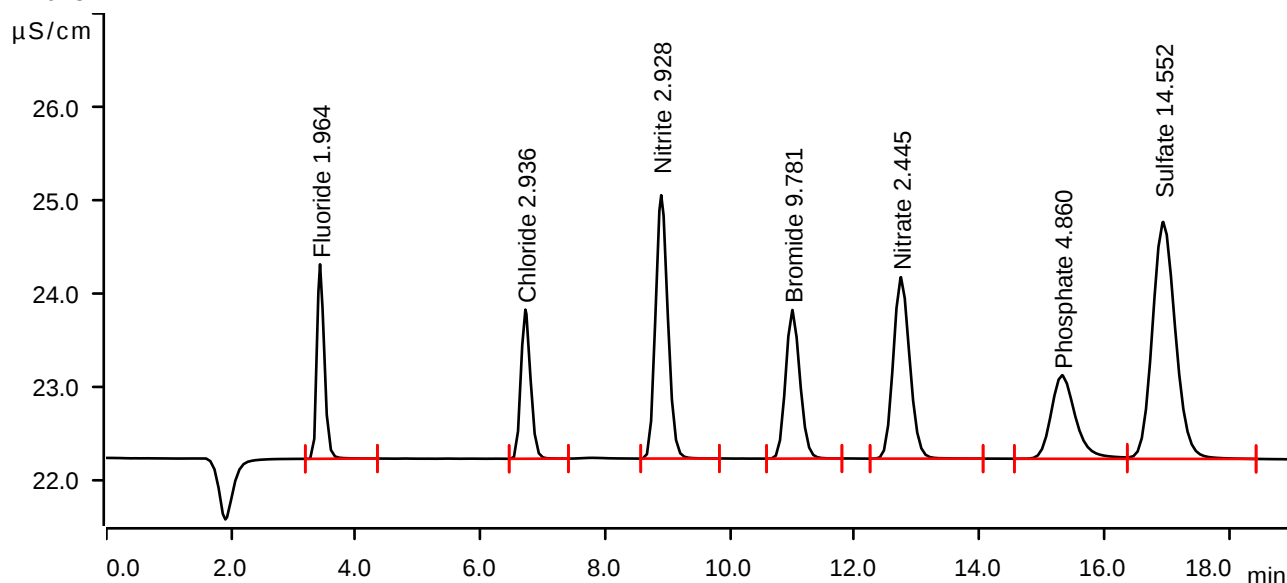
Sample data

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

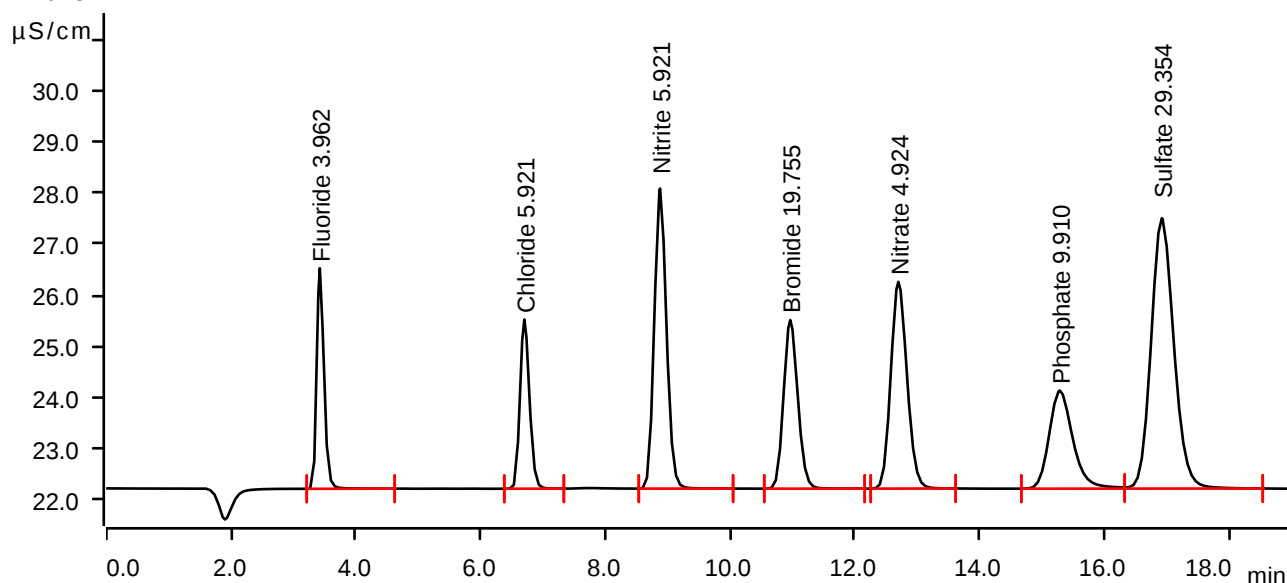
Sample data

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

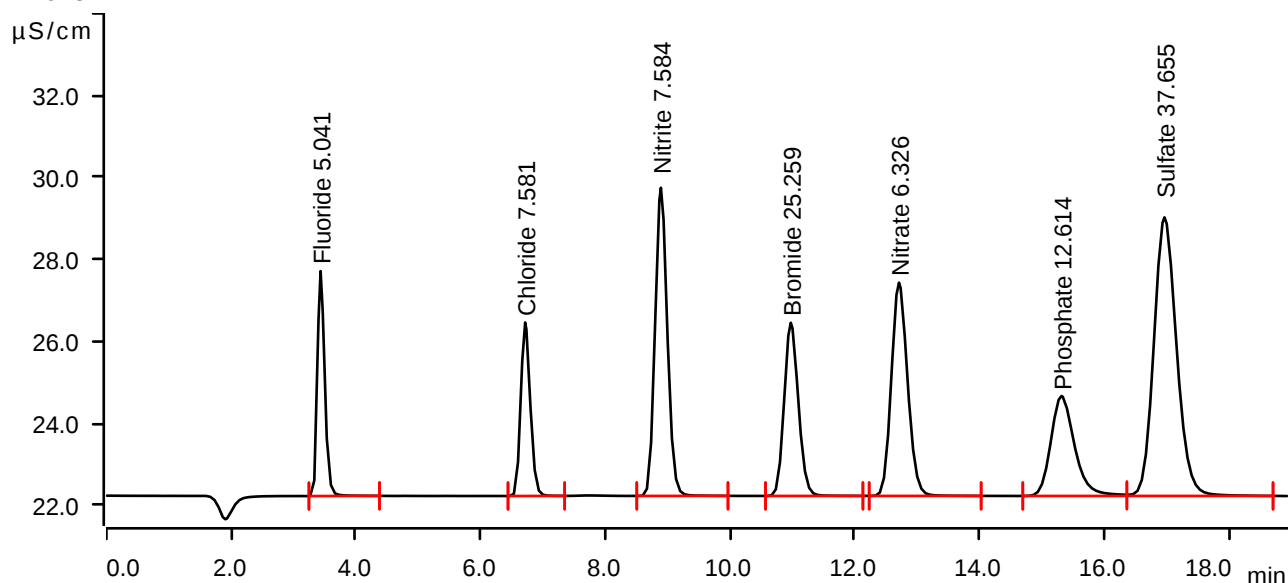
Sample data

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

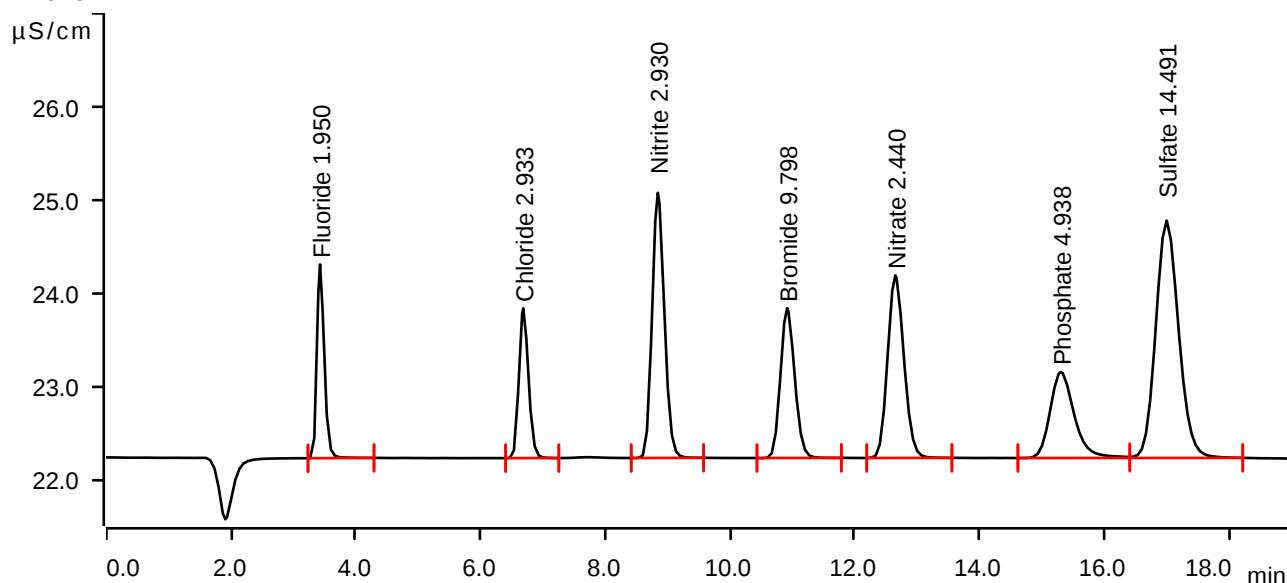
Sample data

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

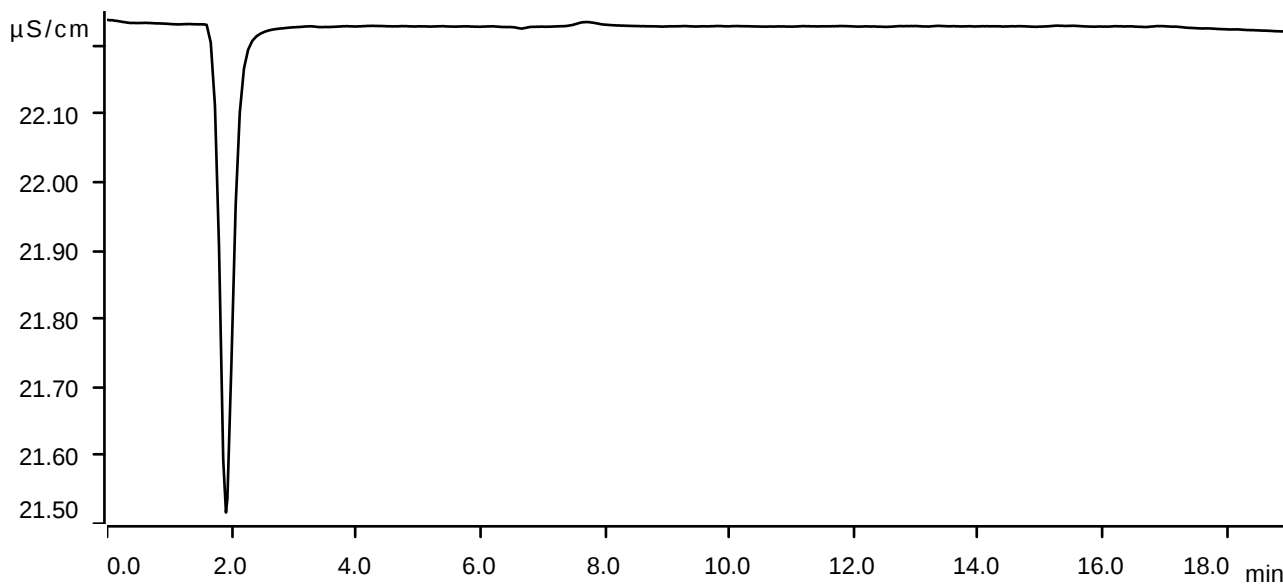
Sample data

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



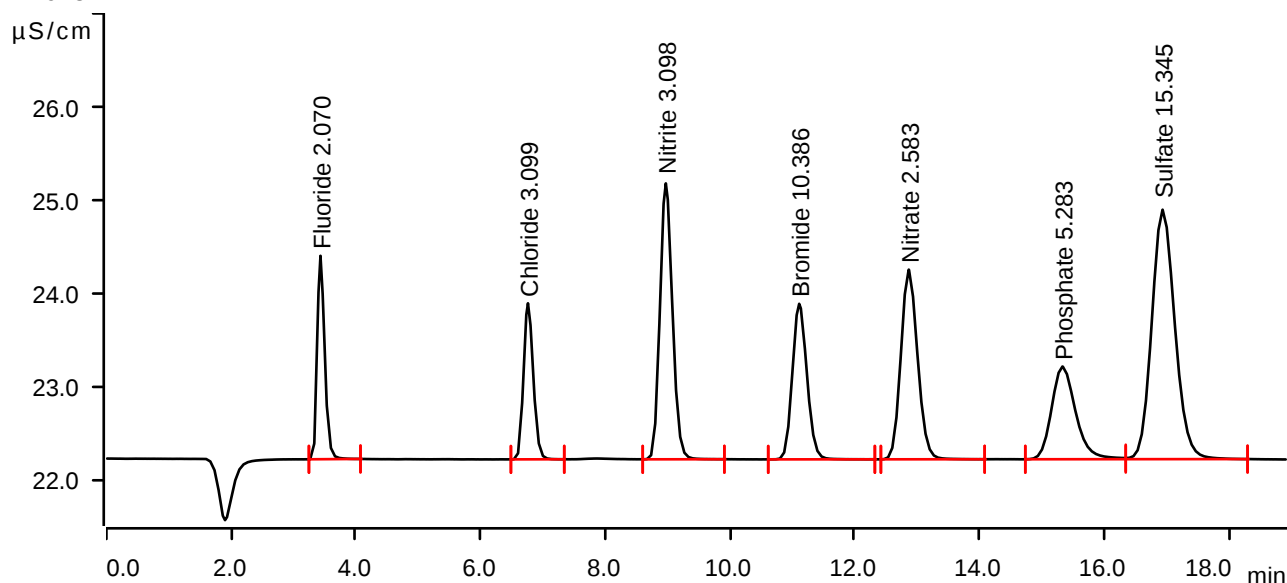
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-09-17 10:31:07 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



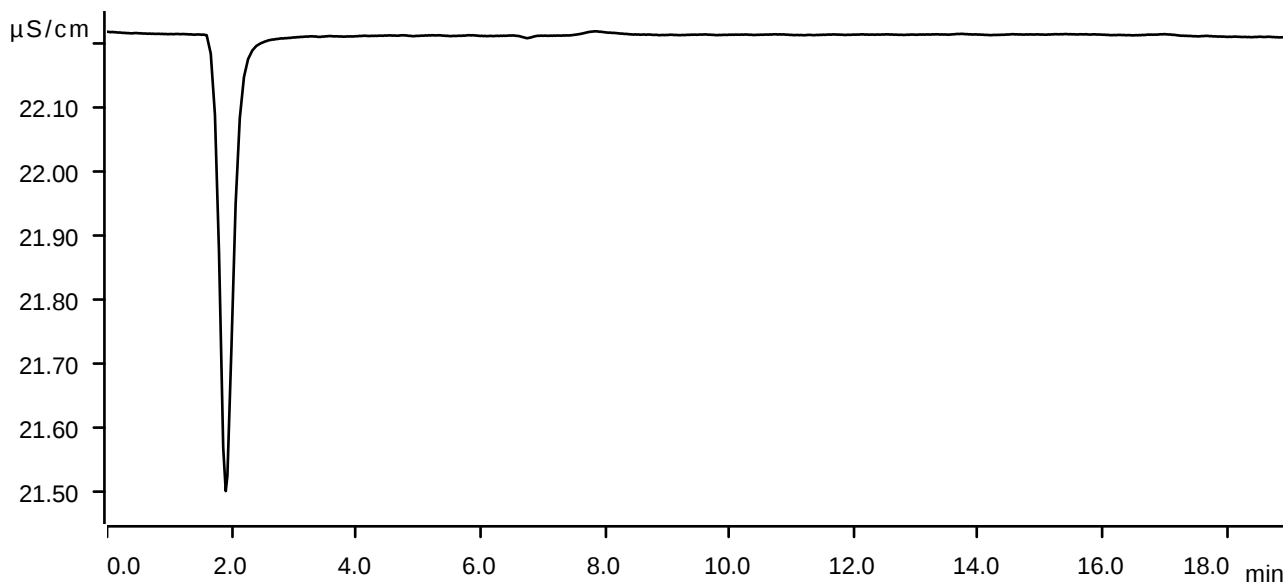
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.433	0.2995	2.184	2.070	Fluoride
2	6.760	0.3027	1.676	3.099	Chloride
3	8.970	0.6861	2.963	3.098	Nitrite
4	11.108	0.4523	1.670	10.386	Bromide
5	12.863	0.6306	2.037	2.583	Nitrate
6	15.328	0.4444	0.995	5.283	Phosphate
7	16.935	1.1515	2.678	15.345	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-09-17 10:52:37 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

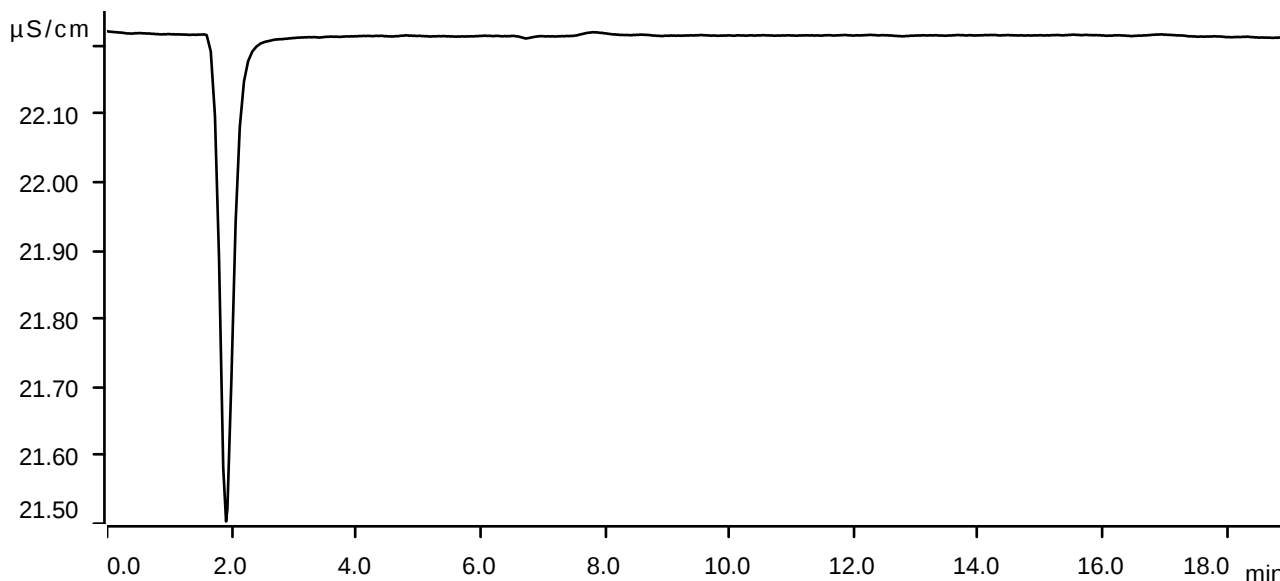
Sample data

Ident LB132464BLW
Sample type Sample
Determination start 2024-09-17 11:14:06 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



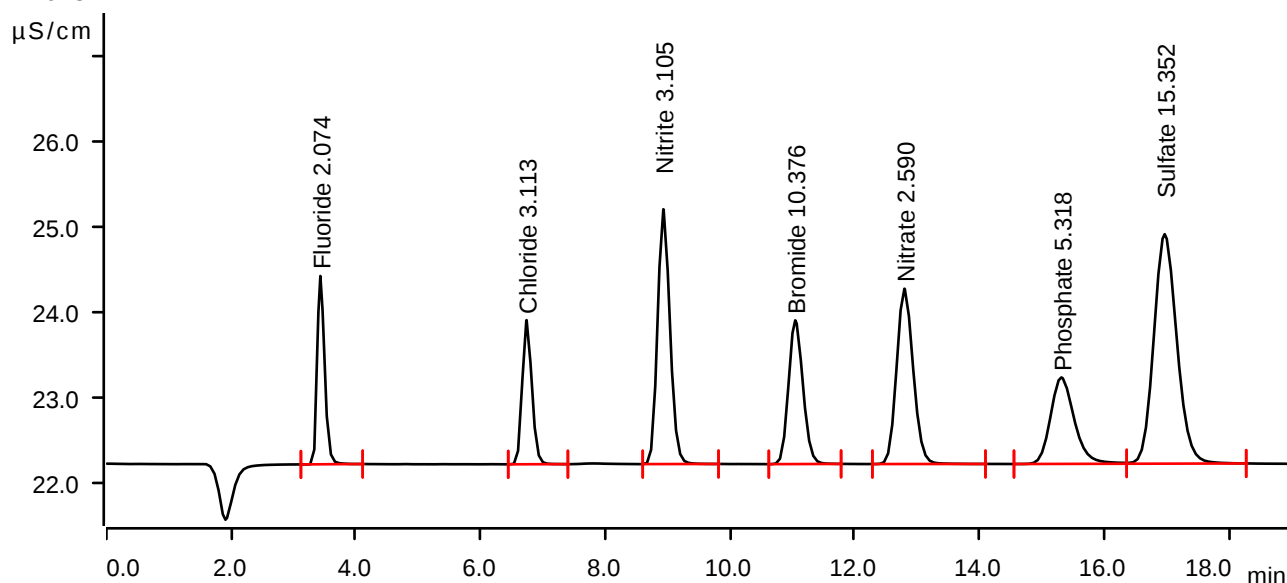
Sample data

Ident LB132464BSW
Sample type Check standard 1
Determination start 2024-09-17 11:35:37 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	3.432	0.3001	2.206	2.074	Fluoride
2	6.738	0.3041	1.688	3.113	Chloride
3	8.930	0.6876	2.984	3.105	Nitrite
4	11.045	0.4518	1.684	10.376	Bromide
5	12.795	0.6322	2.054	2.590	Nitrate
6	15.312	0.4474	1.013	5.318	Phosphate
7	16.968	1.1521	2.688	15.352	Sulfate

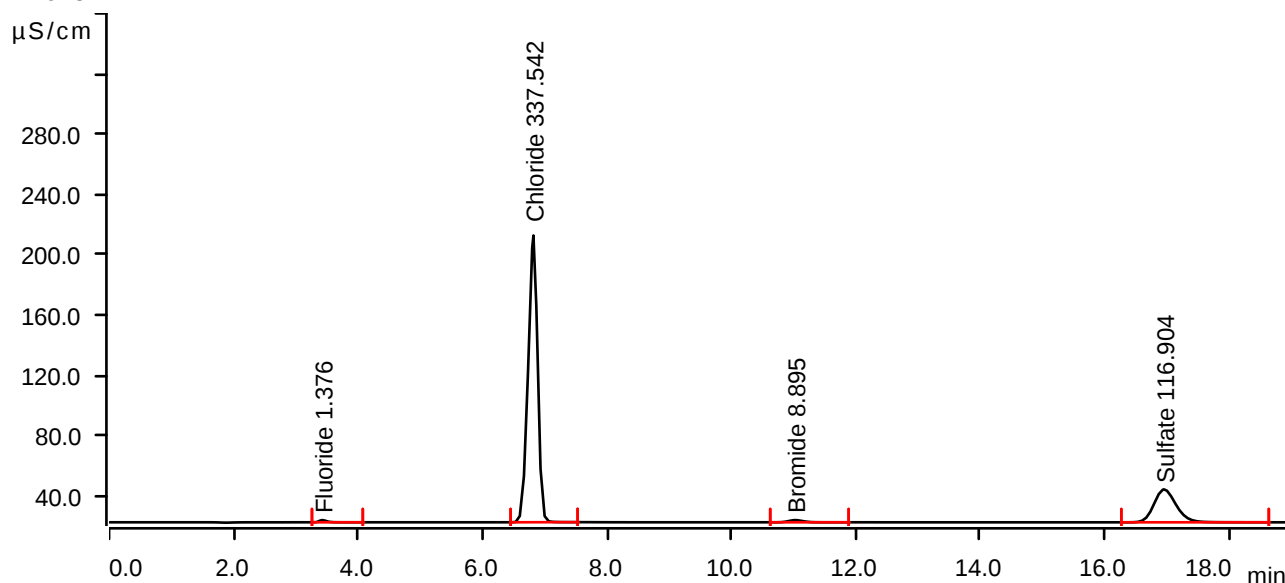
Sample data

Ident P3848-05
Sample type Sample
Determination start 2024-09-17 12:03:42 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 11.99 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	3.428	0.1974	1.457	1.376	Fluoride
2	6.820	33.4815	190.328	337.542	Chloride
3	11.027	0.3862	1.446	8.895	Bromide
4	16.953	8.9905	21.856	116.904	Sulfate

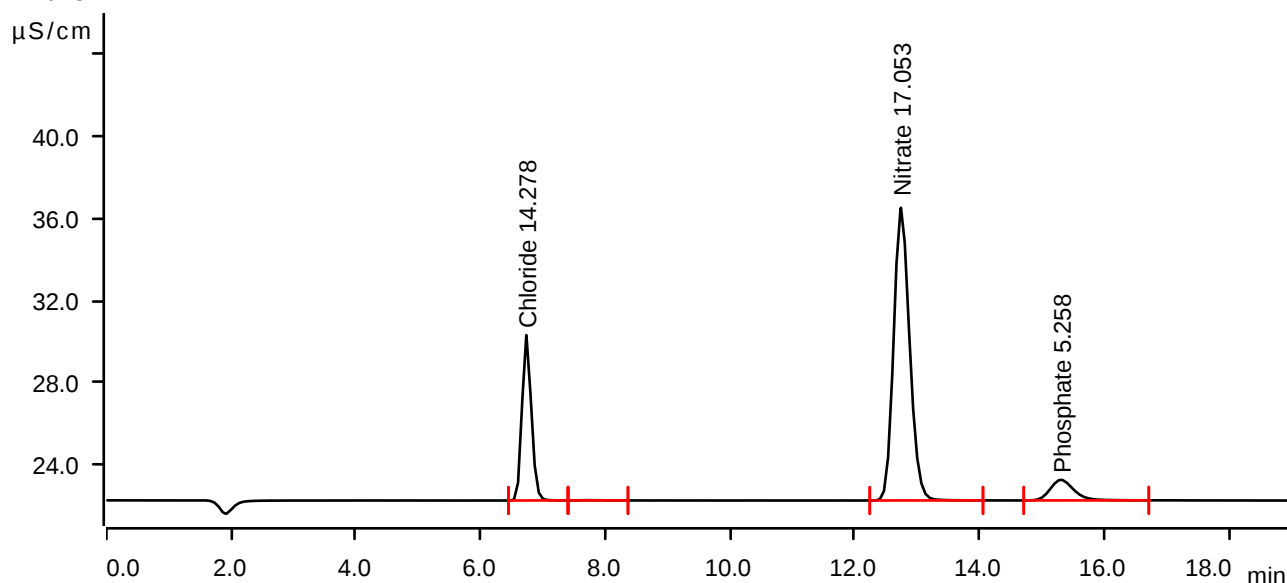
Sample data

Ident P3848-11
Sample type Sample
Determination start 2024-09-17 12:25:14 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	6.733	1.4117	8.072	14.278	Chloride
2	7.730	0.0051	0.012	invalid	
3	12.740	4.2413	14.285	17.053	Nitrate
4	15.303	0.4423	1.004	5.258	Phosphate

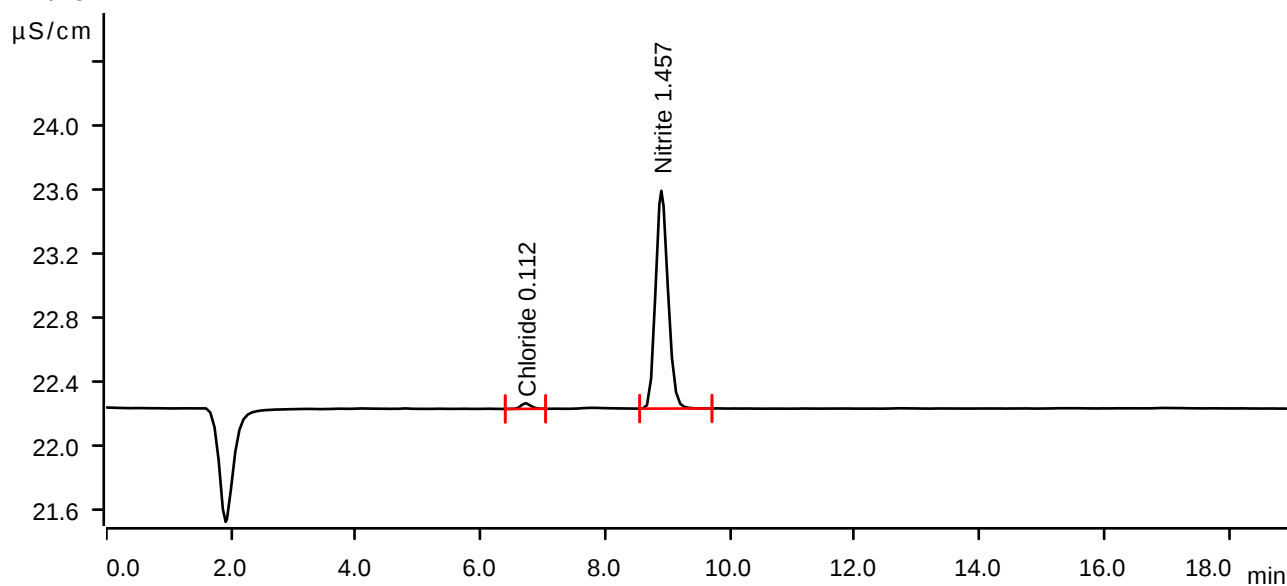
Sample data

Ident P3848-15
Sample type Sample
Determination start 2024-09-17 12:46:48 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	6.720	0.0064	0.035	0.112	Chloride
2	8.898	0.3135	1.361	1.457	Nitrite

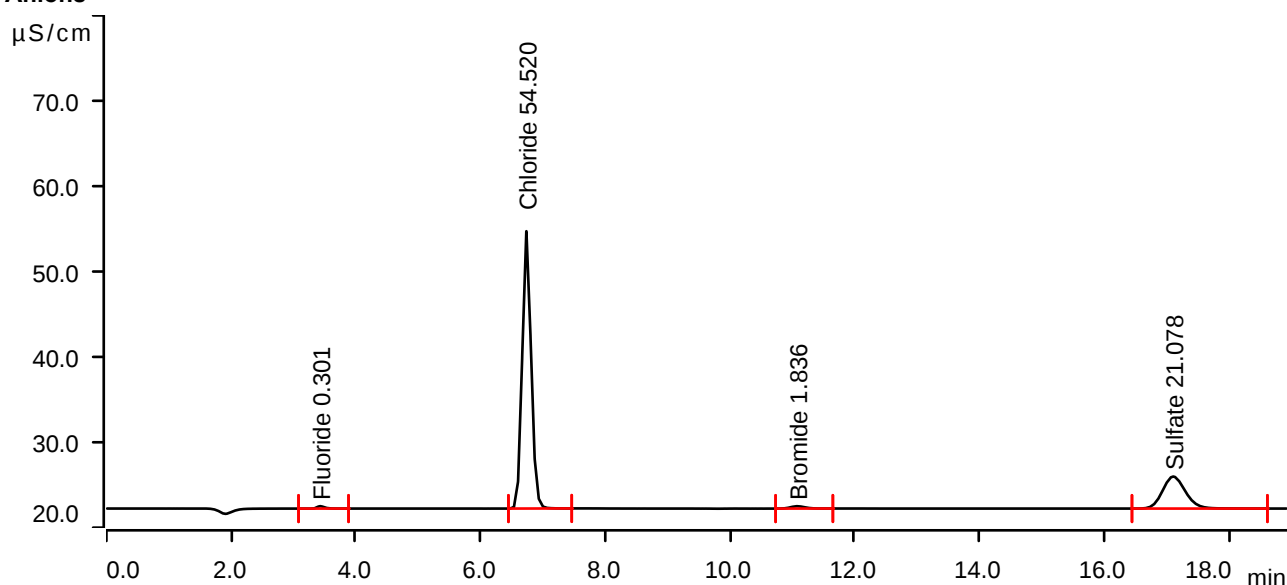
Sample data

Ident P3848-05DLX5
Sample type Sample
Determination start 2024-09-17 13:08:21 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	3.430	0.0391	0.285	0.301	Fluoride
2	6.735	5.4040	32.487	54.520	Chloride
3	11.077	0.0731	0.275	1.836	Bromide
4	17.105	1.5941	3.754	21.078	Sulfate

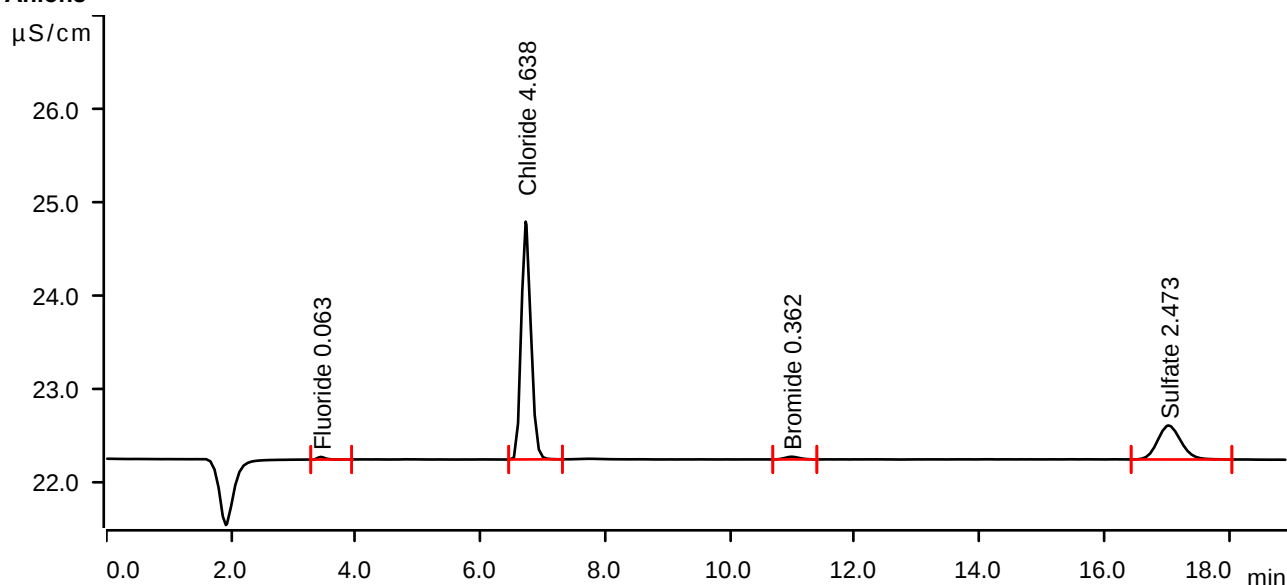
Sample data

Ident P3848-05DL2X50
Sample type Sample
Determination start 2024-09-17 13:29:54 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	3.440	0.0040	0.028	0.063	Fluoride
2	6.723	0.4554	2.553	4.638	Chloride
3	10.978	0.0078	0.029	0.362	Bromide
4	17.028	0.1580	0.365	2.473	Sulfate

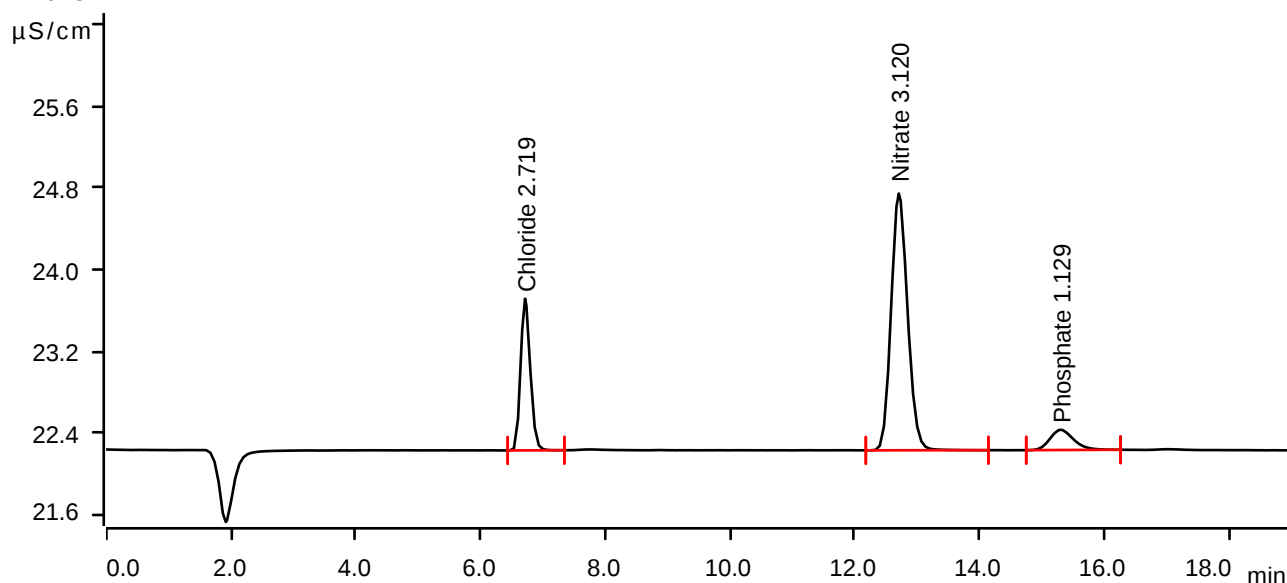
Sample data

Ident P3848-11DLX5
Sample type Sample
Determination start 2024-09-17 13:51:27 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 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	6.713	0.2650	1.480	2.719	Chloride
2	12.705	0.7645	2.507	3.120	Nitrate
3	15.297	0.0867	0.198	1.129	Phosphate

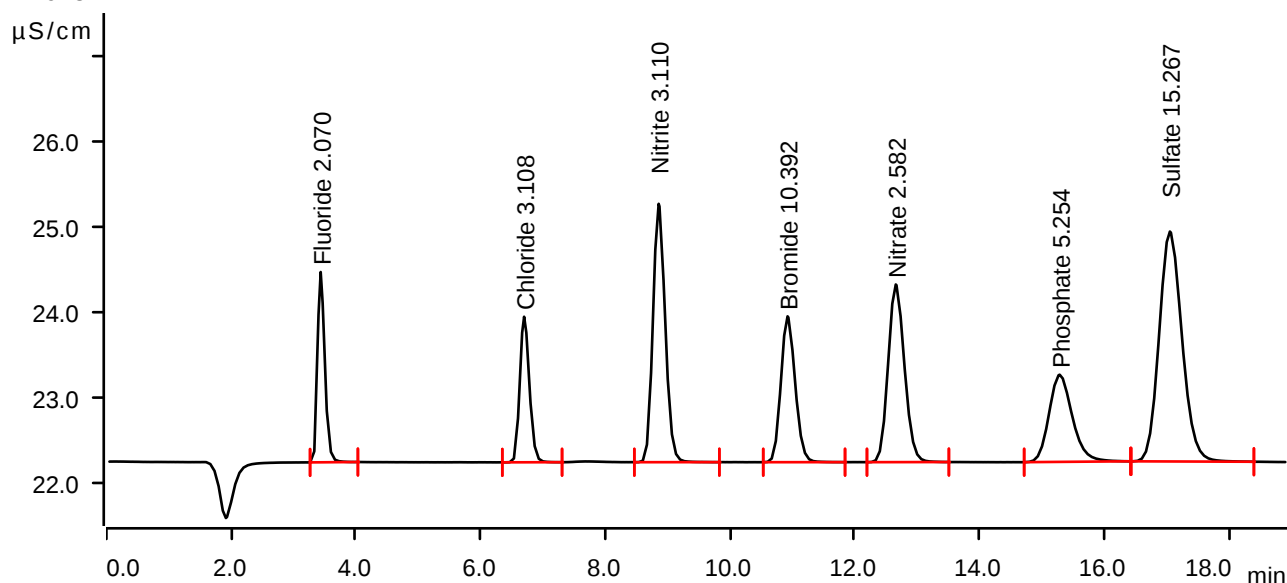
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-09-17 14:56:07 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 11.77 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	3.437	0.2994	2.229	2.070	Fluoride
2	6.698	0.3036	1.705	3.108	Chloride
3	8.855	0.6888	3.026	3.110	Nitrite
4	10.922	0.4526	1.708	10.392	Bromide
5	12.657	0.6303	2.081	2.582	Nitrate
6	15.285	0.4419	1.021	5.254	Phosphate
7	17.052	1.1455	2.693	15.267	Sulfate

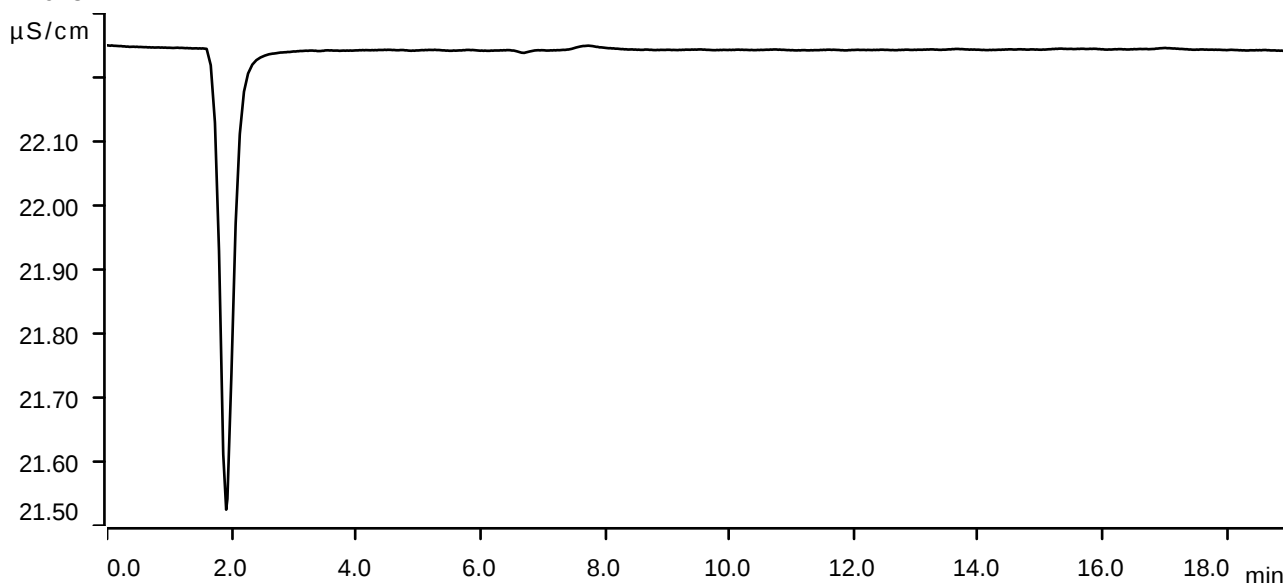
Sample data

Ident CCB
Sample type Sample
Determination start 2024-09-17 15:17:22 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 11.77 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



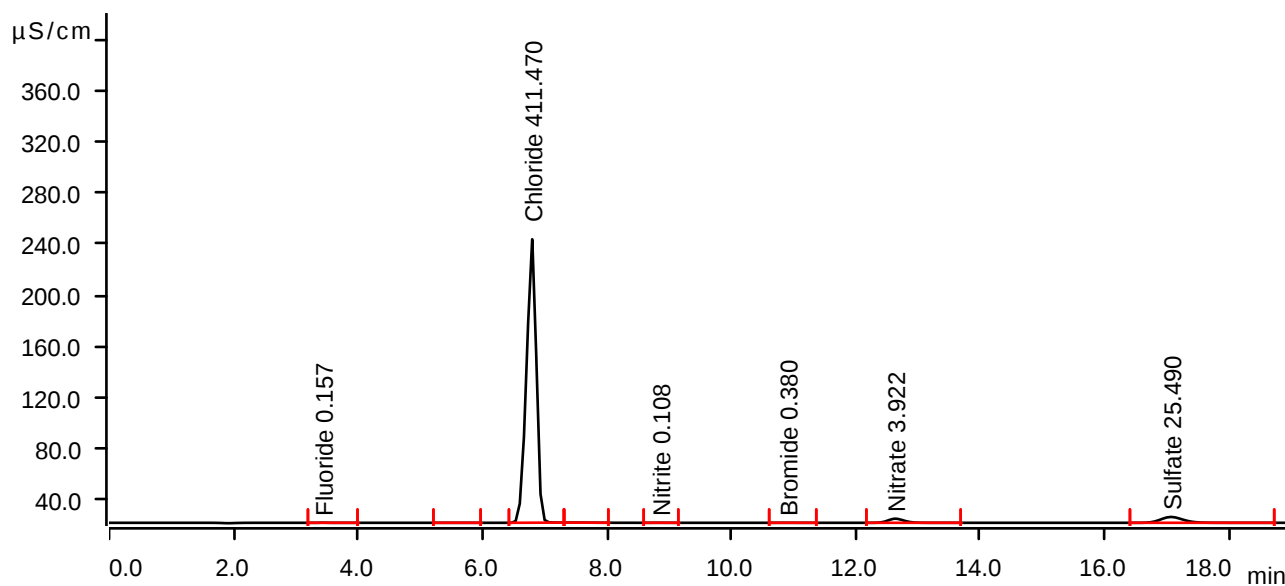
Sample data

Ident P4085-05
Sample type Sample
Determination start 2024-09-17 15:38:52 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 11.71 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	3.435	0.0179	0.121	0.157	Fluoride
2	5.535	0.0041	0.016	invalid	
3	6.802	40.8156	221.375	411.470	Chloride
4	7.500	0.0189	0.053	invalid	
5	8.857	0.0073	0.033	0.108	Nitrite
6	10.902	0.0086	0.032	0.380	Bromide
7	12.635	0.9647	3.220	3.922	Nitrate
8	17.065	1.9346	4.581	25.490	Sulfate

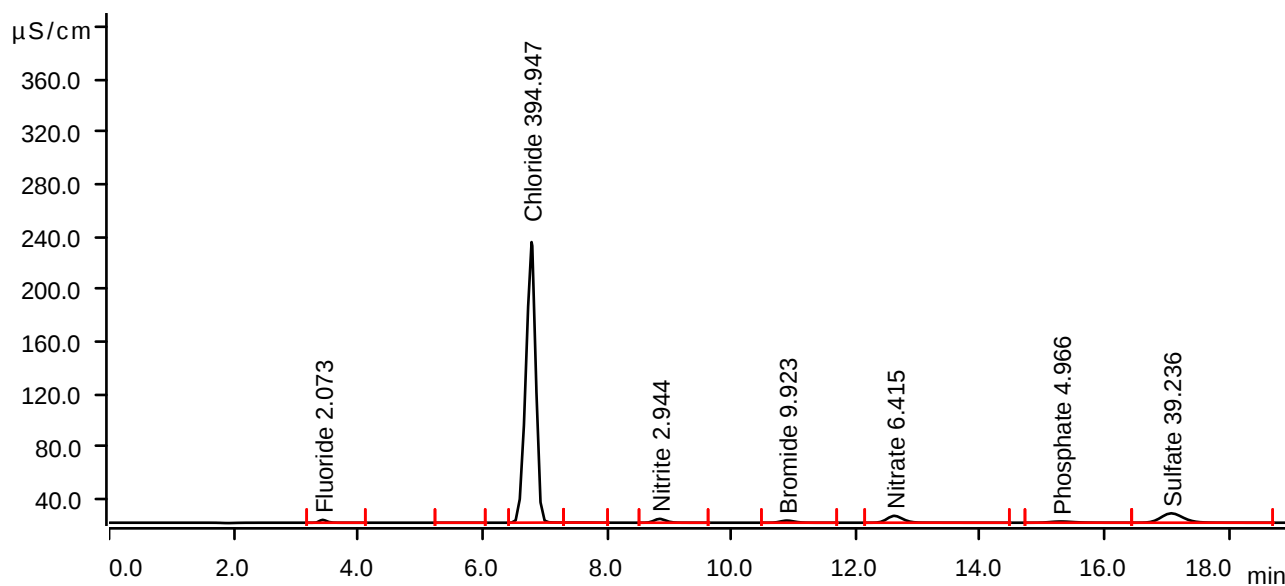
Sample data

Ident P4085-05MS
Sample type Sample
Determination start 2024-09-17 16:00:23 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 11.71 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	3.433	0.2999	2.204	2.073	Fluoride
2	5.528	0.0045	0.016	invalid	
3	6.790	39.1764	213.627	394.947	Chloride
4	7.495	0.0186	0.051	invalid	
5	8.848	0.6511	2.916	2.944	Nitrite
6	10.893	0.4317	1.645	9.923	Bromide
7	12.620	1.5869	5.235	6.415	Nitrate
8	15.297	0.4171	0.939	4.966	Phosphate
9	17.070	2.9956	7.163	39.236	Sulfate

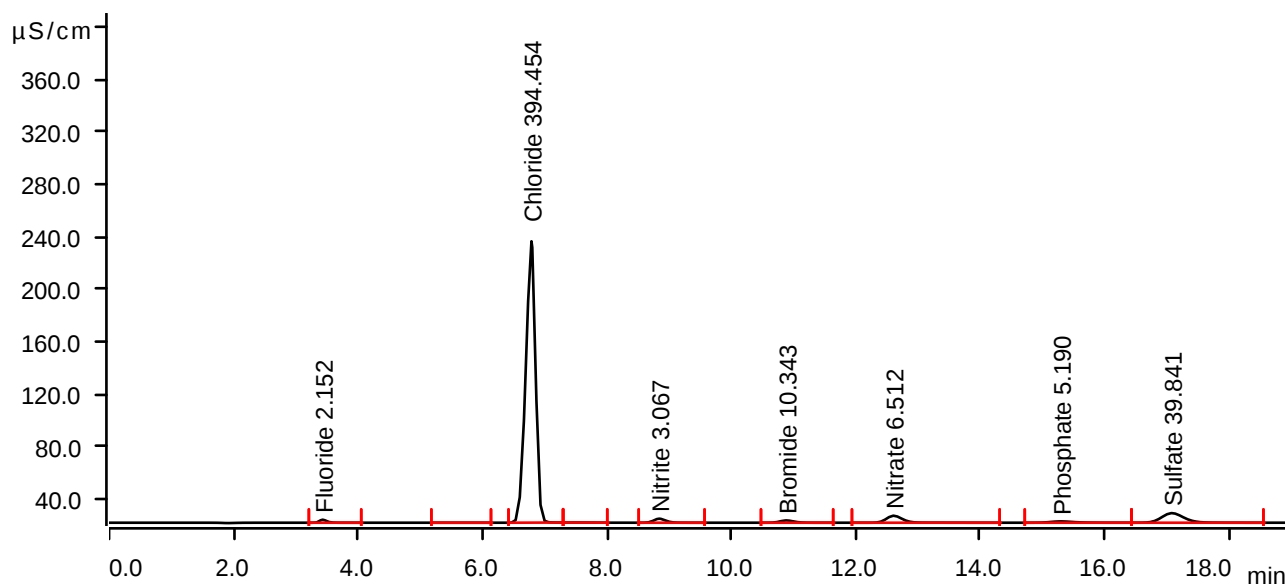
Sample data

Ident P4085-05MSD
Sample type Sample
Determination start 2024-09-17 16:21:53 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 11.66 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	3.433	0.3115	2.304	2.152	Fluoride
2	5.550	0.0044	0.015	invalid	
3	6.788	39.1275	214.246	394.454	Chloride
4	7.485	0.0188	0.052	invalid	
5	8.842	0.6789	3.054	3.067	Nitrite
6	10.885	0.4504	1.722	10.343	Bromide
7	12.608	1.6110	5.334	6.512	Nitrate
8	15.295	0.4364	0.986	5.190	Phosphate
9	17.080	3.0423	7.293	39.841	Sulfate

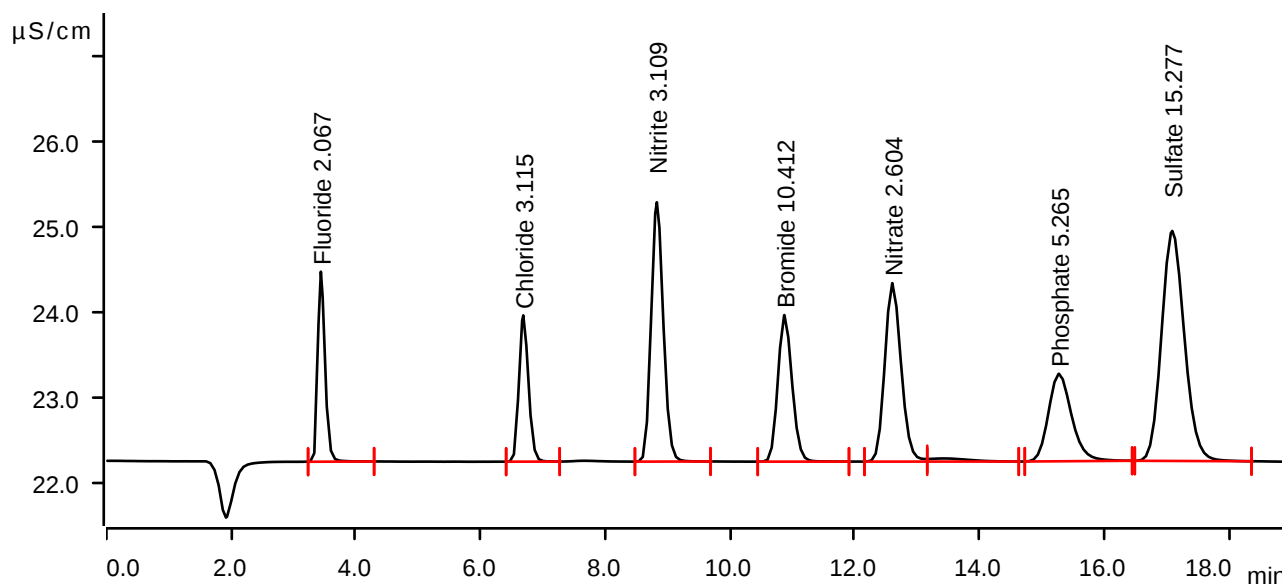
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-09-17 16:43:23 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 11.77 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	3.440	0.2990	2.226	2.067	Fluoride
2	6.685	0.3043	1.713	3.115	Chloride
3	8.827	0.6885	3.038	3.109	Nitrite
4	10.872	0.4534	1.717	10.412	Bromide
5	12.602	0.6357	2.091	2.604	Nitrate
6	13.437	0.0261	0.037	invalid	
7	15.273	0.4428	1.025	5.265	Phosphate
8	17.090	1.1463	2.694	15.277	Sulfate

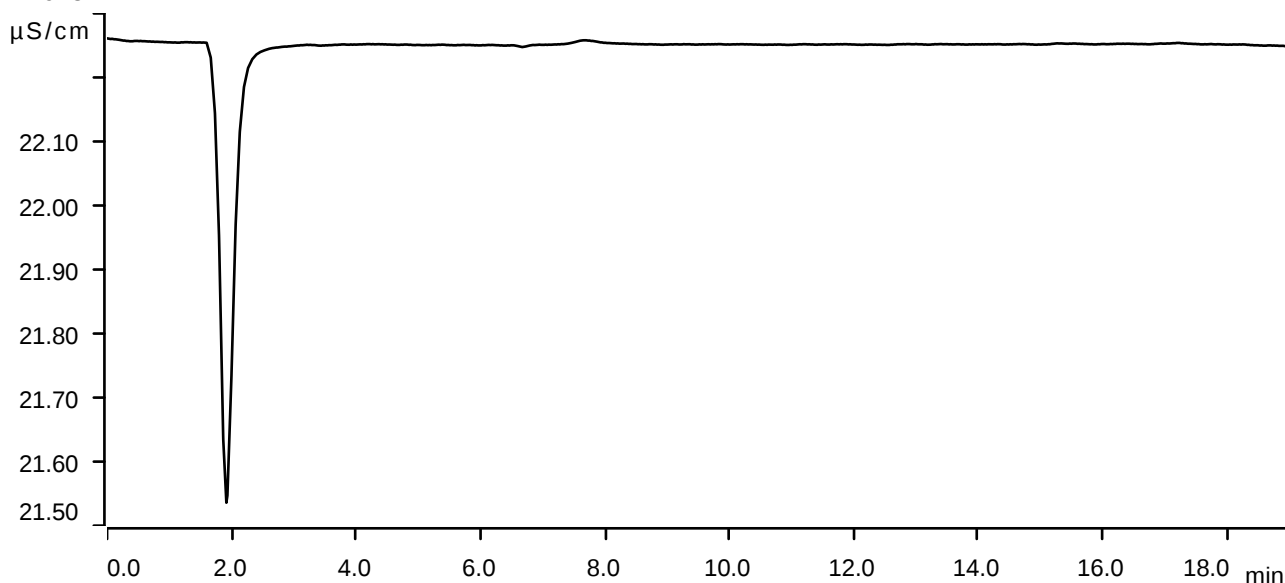
Sample data

Ident CCB
Sample type Sample
Determination start 2024-09-17 17:04:39 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 11.54 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



WORKLIST(Hardcopy Internal Chain)

LB132464

WorkList Name : ANIONS-09172024

WorkList ID : 183561

Department : Wet-Chemistry

Date : 09-17-2024 09:43:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3848-05	PT-MIN1-WP	Water	Anions Group1	Cool 4 deg C	CHEM02	QA Of	09/03/2024	300.0
P3848-11	PT-NUT1-WP	Water	Anions Group2	Cool 4 deg C	CHEM02	QA Of	09/03/2024	300.0
P3848-15	PT-NUT3-WP	Water	Anions Group4	Cool 4 deg C	CHEM02	QA Of	09/03/2024	300.0

Date/Time 09.17.2024 , 09:55
Raw Sample Received by: NF(WC)
Raw Sample Relinquished by: SJ(QAO)

Date/Time NA
Raw Sample Received by: "
Raw Sample Relinquished by: "

LB132464

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ANIONS - 09172024

WorkList ID : 183618

Department : Wet-Chemistry

Date : 09-17-2024 14:03:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4085-05	PURGE-WATER	Water	Anions Group1	Cool 4 deg C	PSEG03	H53	09/17/2024	300.0

Date/Time09.17.2024,15:00

Raw Sample Received by:NF(wc)

Raw Sample Relinquished by:Shuei

Date/Time09.17.2024,16:00

Raw Sample Received by:Shuei

Raw Sample Relinquished by:NF(wc)