

Instrument IC-1 Analyst : RM Method: 300.0 / 9056A										
Ident	Con F-	Con CL-	Con NO ₂	Con BR-	Con NO ₃	Con HPC	Con SO ₄	Method name	date time	Initial Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/9/2025 10:46	10 RM/IZ
STD2	0.440	0.646	0.652	2.141	0.541	1.118	3.299	IC1-100925	10/9/2025 11:08	10 RM/IZ
STD3	0.813	1.225	1.222	4.073	1.019	1.947	6.091	IC1-100925	10/9/2025 11:29	10 RM/IZ
STD4	0.993	1.497	1.496	4.994	1.249	2.669	7.507	IC1-100925	10/9/2025 11:51	10 RM/IZ
STD5	1.954	2.923	2.922	9.773	2.435	4.828	14.557	IC1-100925	10/9/2025 12:12	10 RM/IZ
STD6	3.928	5.923	5.920	19.752	4.934	9.517	29.510	IC1-100925	10/9/2025 12:34	10 RM/IZ
STD7	5.072	7.585	7.589	25.268	6.323	12.920	37.537	IC1-100925	10/9/2025 12:55	10 RM/IZ
ICV	1.970	2.918	2.942	9.842	2.398	5.003	14.702	IC1-100925	10/9/2025 13:16	10 RM/IZ
ICB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/9/2025 13:38	10 RM/IZ
CCV	2.096	3.125	3.114	10.447	2.600	5.395	15.620	IC1-100925	10/23/2025 9:09	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/23/2025 9:31	10 RM/IZ
LB137629BLW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/23/2025 9:52	10 RM/IZ
LB137629BSW	2.090	3.124	3.113	10.455	2.586	5.344	15.536	IC1-100925	10/23/2025 10:14	10 RM/IZ
Q3444-01	0.198	378.372	0.000	0.000	5.144	0.000	21.920	IC1-100925	10/23/2025 13:28	10 RM/IZ
Q3444-02	0.427	2089.434	0.000	0.423	0.115	0.000	26.105	IC1-100925	10/23/2025 13:49	10 RM/IZ
Q3444-03	0.000	36.166	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/23/2025 14:10	10 RM/IZ
Q3444-04	1.078	425.698	0.000	0.000	0.000	0.000	23.418	IC1-100925	10/23/2025 14:32	10 RM/IZ
Q3444-05	0.163	451.341	0.000	0.259	7.675	0.000	25.284	IC1-100925	10/23/2025 14:54	10 RM/IZ
Q3444-06	0.169	358.895	0.000	0.230	4.656	0.000	25.199	IC1-100925	10/23/2025 15:15	10 RM/IZ
Q3444-06MS	2.208	342.676	3.092	10.485	7.070	4.671	39.766	IC1-100925	10/23/2025 15:37	10 RM/IZ
Q3444-06MSD	2.138	342.860	2.983	10.138	6.983	5.171	39.283	IC1-100925	10/23/2025 15:58	10 RM/IZ
CCV	2.078	3.127	3.125	10.465	2.600	5.215	15.651	IC1-100925	10/23/2025 16:20	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/23/2025 16:41	10 RM/IZ
Q3444-01DLX100	0.000	2.655	0.000	0.000	0.094	0.000	0.639	IC1-100925	10/23/2025 17:03	10 RM/IZ
Q3444-02DLX100	0.000	13.603	0.000	0.000	0.000	0.000	0.829	IC1-100925	10/23/2025 17:24	10 RM/IZ
Q3444-02DL2X500	0.000	2.597	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/23/2025 18:07	10 RM/IZ
Q3444-03DLX10	0.000	3.201	0.000	0.000	0.000	0.000	0.000	IC1-100925	10/23/2025 18:29	10 RM/IZ
Q3444-04DLX100	0.000	2.777	0.000	0.000	0.000	0.000	0.630	IC1-100925	10/23/2025 18:50	10 RM/IZ
Q3444-05DLX100	0.000	2.988	0.000	0.000	0.113	0.000	0.663	IC1-100925	10/23/2025 19:12	10 RM/IZ

Q3444-06DLX100	0.000	2.433	0.000	0.000	0.086	0.000	0.674 IC1-100925	10/23/2025 19:33	10 RM/IZ
CCV	2.044	3.127	3.110	10.484	2.604	4.996	15.602 IC1-100925	10/23/2025 19:55	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.074	0.000	0.000 IC1-100925	10/23/2025 20:16	10 RM/IZ

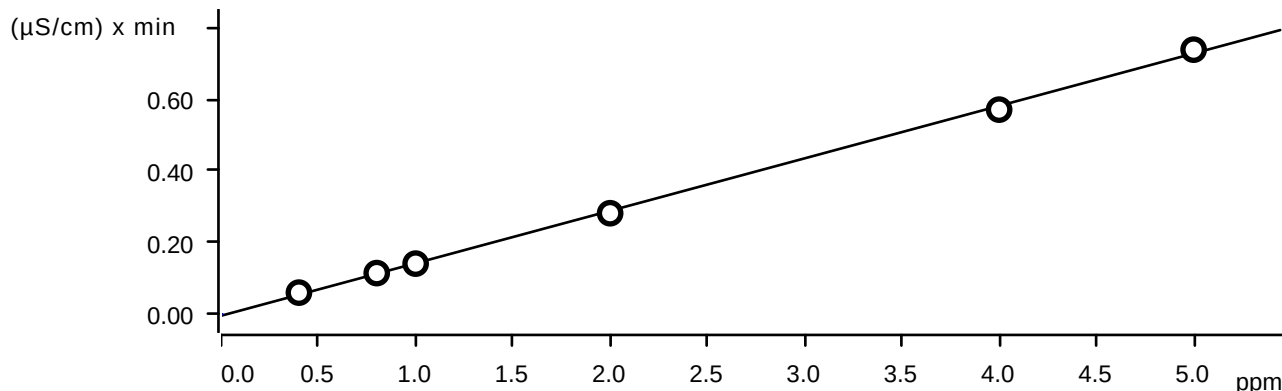
Clear table

Instrument ID: IC-2 Analyst : IZ Method: 300.0 / 9056A											
ident	concentra tion F-	concentratio n CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-100925	10/9/2025 10:46	10	RM/IZ
STD2	0.4400	0.6460	0.6520	2.1410	0.5410	1.1180	3.2990	IC1-100925	10/9/2025 11:08	10	RM/IZ
STD3	0.8130	1.2250	1.2220	4.0730	1.0190	1.9470	6.0910	IC1-100925	10/9/2025 11:29	10	RM/IZ
STD4	0.9930	1.4970	1.4960	4.9940	1.2490	2.6690	7.5070	IC1-100925	10/9/2025 11:51	10	RM/IZ
STD5	1.9540	2.9230	2.9220	9.7730	2.4350	4.8280	14.5570	IC1-100925	10/9/2025 12:12	10	RM/IZ
STD6	3.9280	5.9230	5.9200	19.7520	4.9340	9.5170	29.5100	IC1-100925	10/9/2025 12:34	10	RM/IZ
STD7	5.0720	7.5850	7.5890	25.2680	6.3230	12.9200	37.5370	IC1-100925	10/9/2025 12:55	10	RM/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	10.0000	7.6667	8.6667	7.0500	8.2000	11.8000	9.9667
STD3	1.6250	2.0833	1.8333	1.8250	1.9000	-2.6500	1.5167
STD4	-0.7000	-0.2000	-0.2667	-0.1200	-0.0800	6.7600	0.0933
STD5	-2.3000	-2.5667	-2.6000	-2.2700	-2.6000	-3.4400	-2.9533
STD6	-1.8000	-1.2833	-1.3333	-1.2400	-1.3200	-4.8300	-1.6333
STD7	1.4400	1.1333	1.1867	1.0720	1.1680	3.3600	1.4514

Fluoride (Anions)



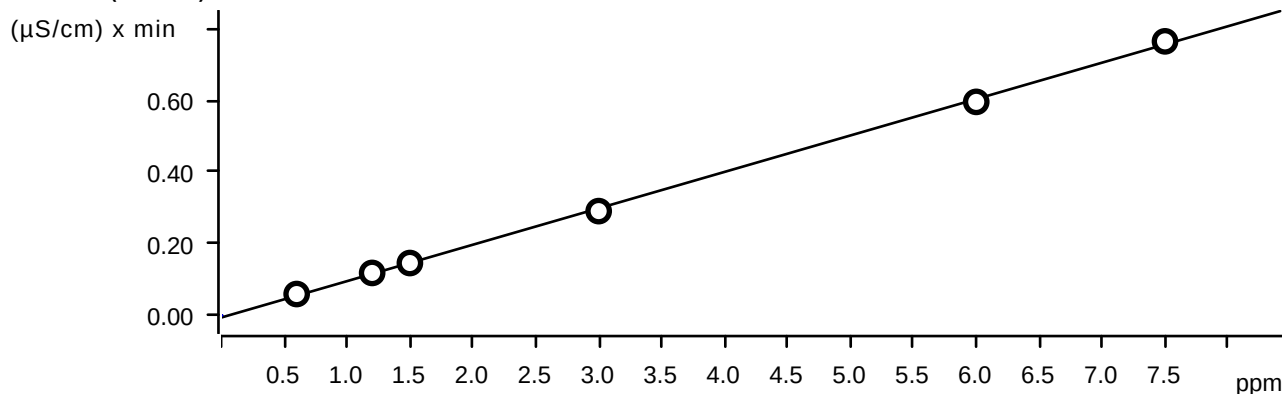
Function: $A = -3.86859E-3 + 0.0146255 \times Q$

Relative standard deviation 2.744994 %

Correlation coefficient 0.999599

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.061	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.115	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.141	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.282	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.571	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.738	STD7	2025-10-09 12:55:27 UTC-4	used

Chloride (Anions)

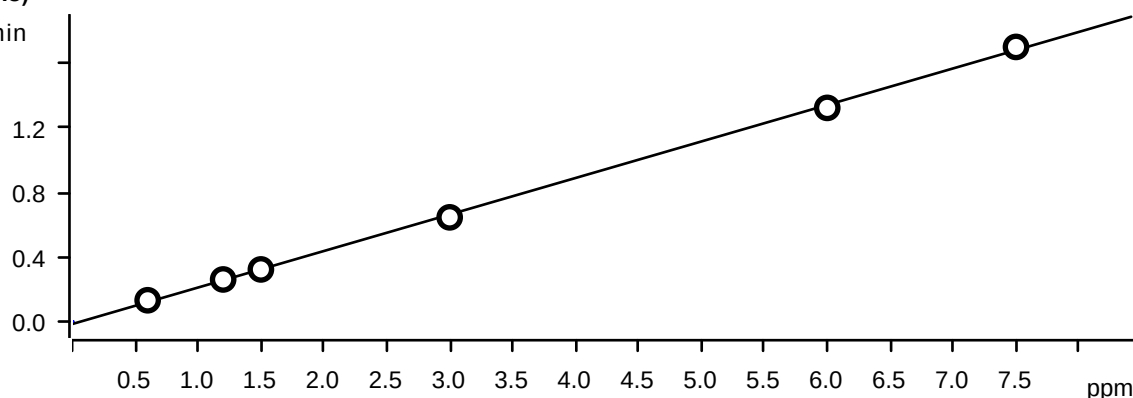


Function: $A = -5.87555E-3 + 0.0101528 \times Q$

Relative standard deviation 2.276543 %

Correlation coefficient 0.999727

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.060	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.119	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.146	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.291	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.596	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.764	STD7	2025-10-09 12:55:27 UTC-4	used

Nitrite (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0165604 + 0.0226258 \times Q$

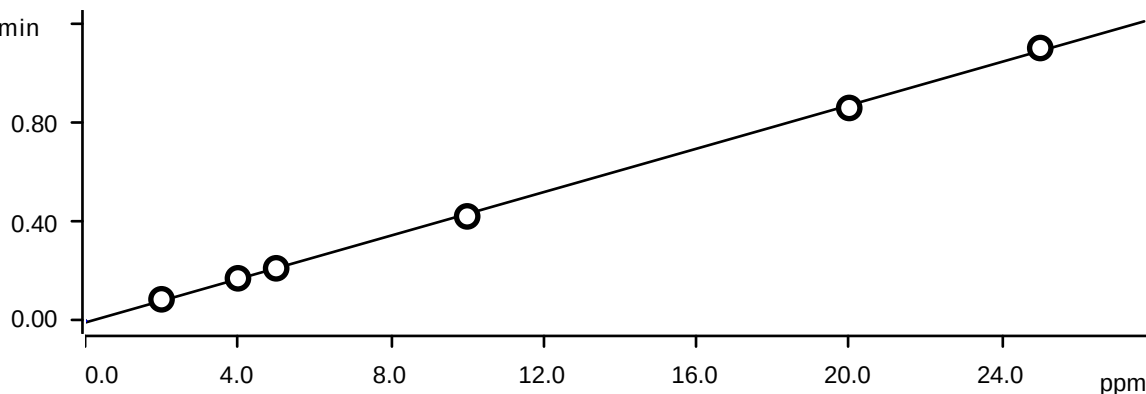
Relative standard deviation 2.379226 %

Correlation coefficient 0.999705

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.131	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.260	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.322	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.645	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.323	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.700	STD7	2025-10-09 12:55:27 UTC-4	used

Bromide (Anions)

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



Function: $A = -6.89623E-3 + 4.37562E-3 \times Q$

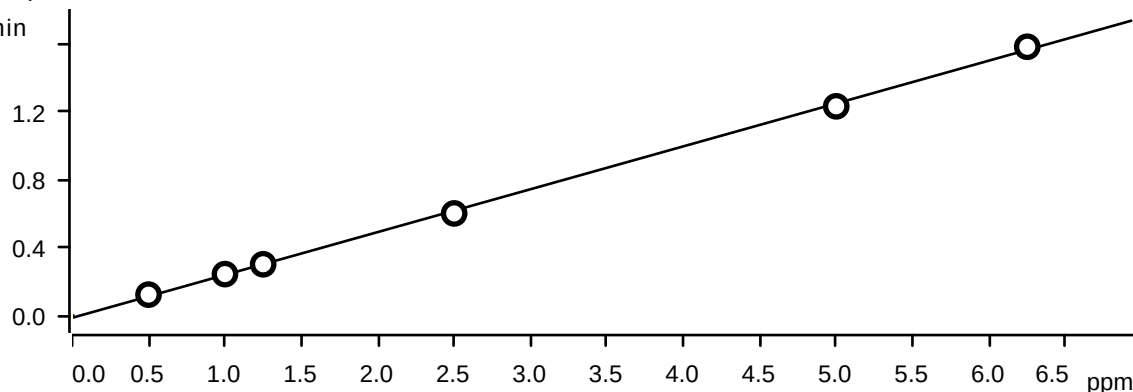
Relative standard deviation: 2.114692 %

Correlation coefficient: 0.999763

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.087	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.171	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.212	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.421	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.857	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.099	STD7	2025-10-09 12:55:27 UTC-4	used

Nitrate (Anions)

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

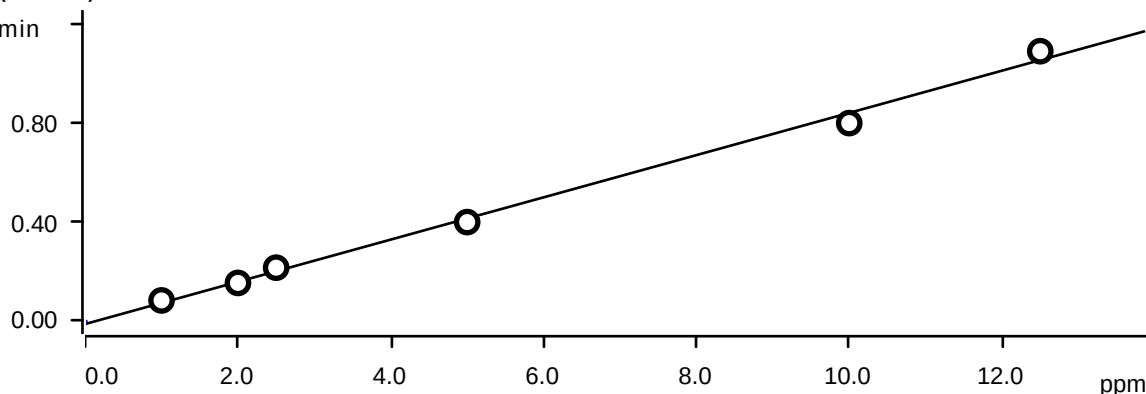


Function: $A = -0.0141807 + 0.0252306 \times Q$

Relative standard deviation: 2.346972 %

Correlation coefficient 0.999712

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.122	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.243	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.301	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.600	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.231	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.581	STD7	2025-10-09 12:55:27 UTC-4	used

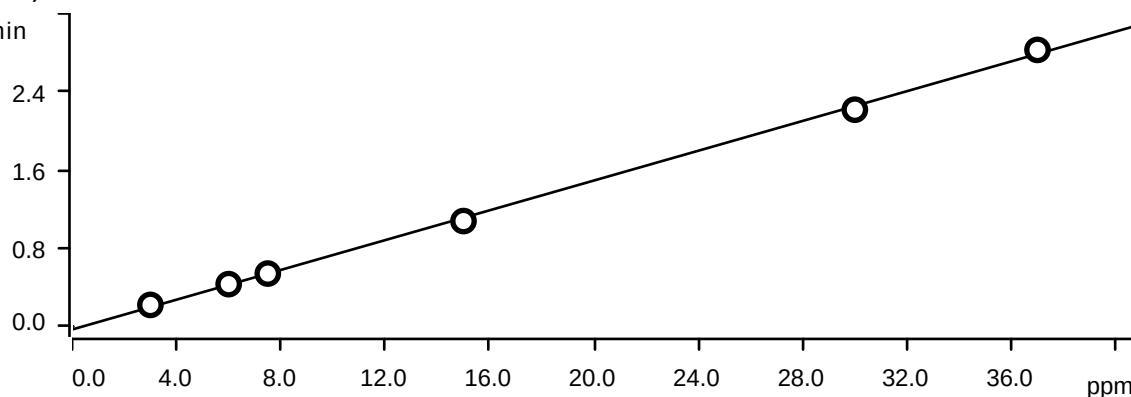
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0117521 + 8.50315E-3 \times Q$

Relative standard deviation 6.489714 %

Correlation coefficient 0.997825

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.083	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.154	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.215	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.399	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.798	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.087	STD7	2025-10-09 12:55:27 UTC-4	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0307148 + 7.61403E-3 \times Q$

Relative standard deviation 2.830893 %

Correlation coefficient 0.999580

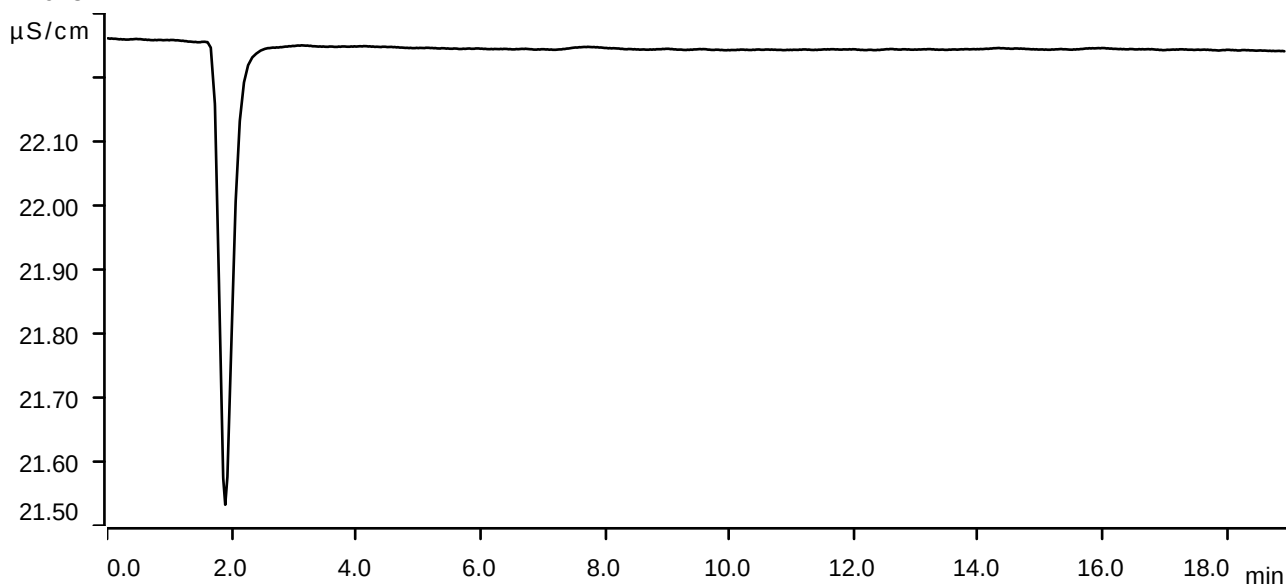
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.220	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.433	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.541	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.078	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.216	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.827	STD7	2025-10-09 12:55:27 UTC-4	used

Sample data

Ident STD1
Sample type Standard 1
Determination start 2025-10-09 10:46:54 UTC-4
Method IC1-100925
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 13.57 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

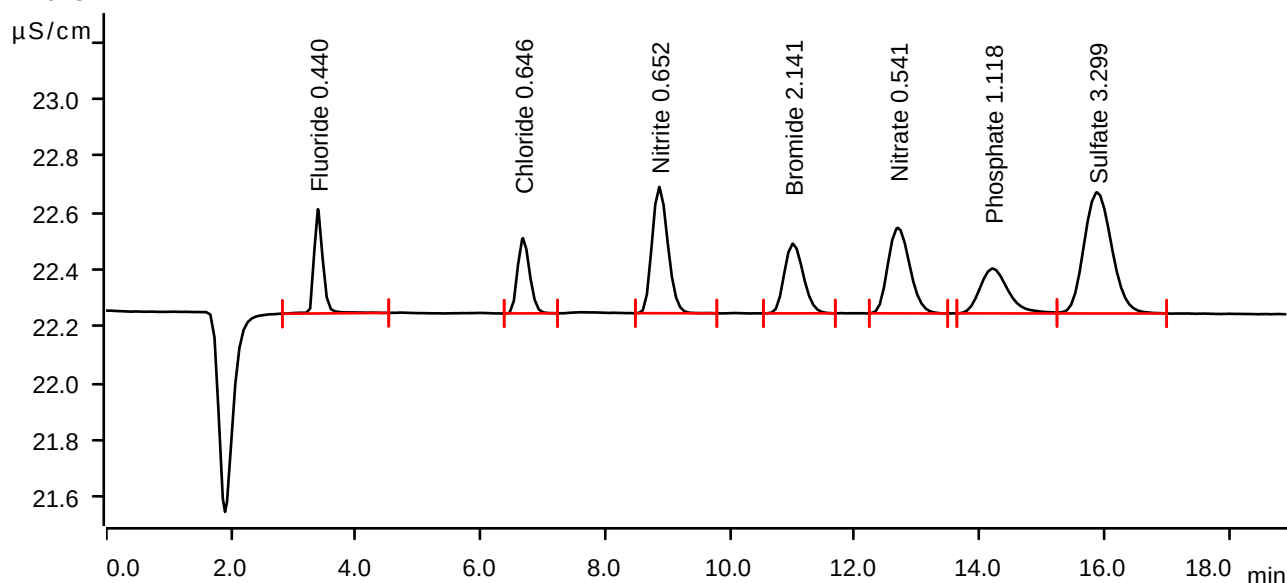
Sample data

Ident STD2
Sample type Standard 2
Determination start 2025-10-09 11:08:18 UTC-4
Method IC1-100925
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 13.34 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	3.392	0.0605	0.366	0.440	Fluoride
2	6.680	0.0597	0.264	0.646	Chloride
3	8.865	0.1310	0.444	0.652	Nitrite
4	11.008	0.0868	0.245	2.141	Bromide
5	12.692	0.1222	0.301	0.541	Nitrate
6	14.212	0.0833	0.158	1.118	Phosphate
7	15.883	0.2204	0.426	3.299	Sulfate

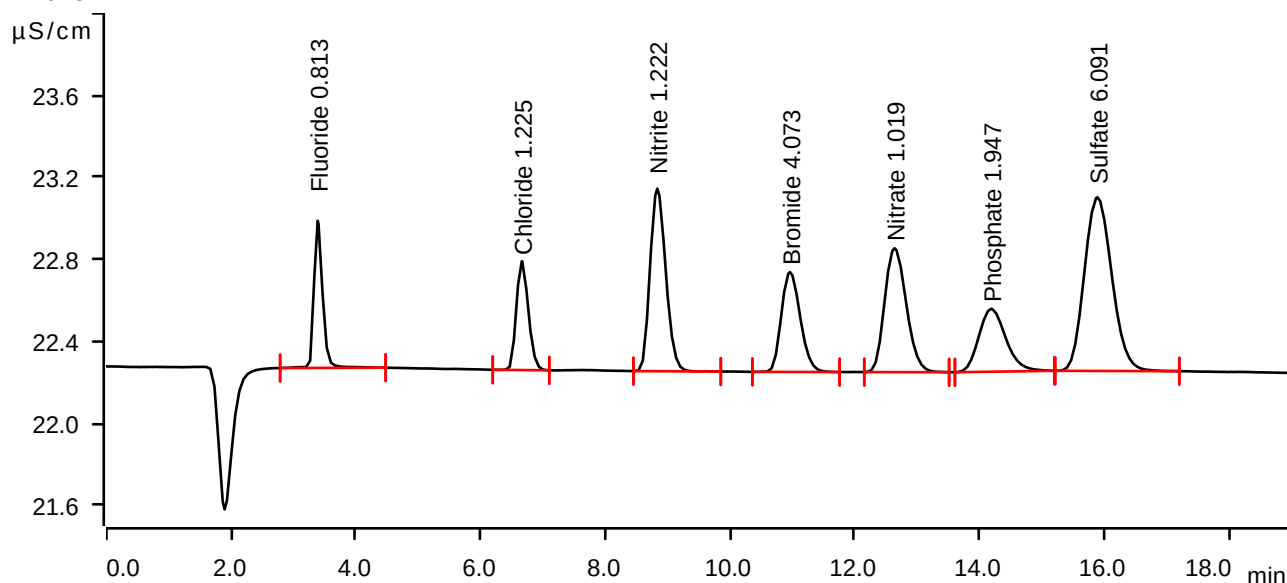
Sample data

Ident STD3
Sample type Standard 3
Determination start 2025-10-09 11:29:42 UTC-4
Method IC1-100925
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 13.63 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	3.388	0.1150	0.718	0.813	Fluoride
2	6.662	0.1185	0.531	1.225	Chloride
3	8.833	0.2598	0.891	1.222	Nitrite
4	10.962	0.1713	0.487	4.073	Bromide
5	12.637	0.2429	0.605	1.019	Nitrate
6	14.187	0.1538	0.307	1.947	Phosphate
7	15.888	0.4330	0.848	6.091	Sulfate

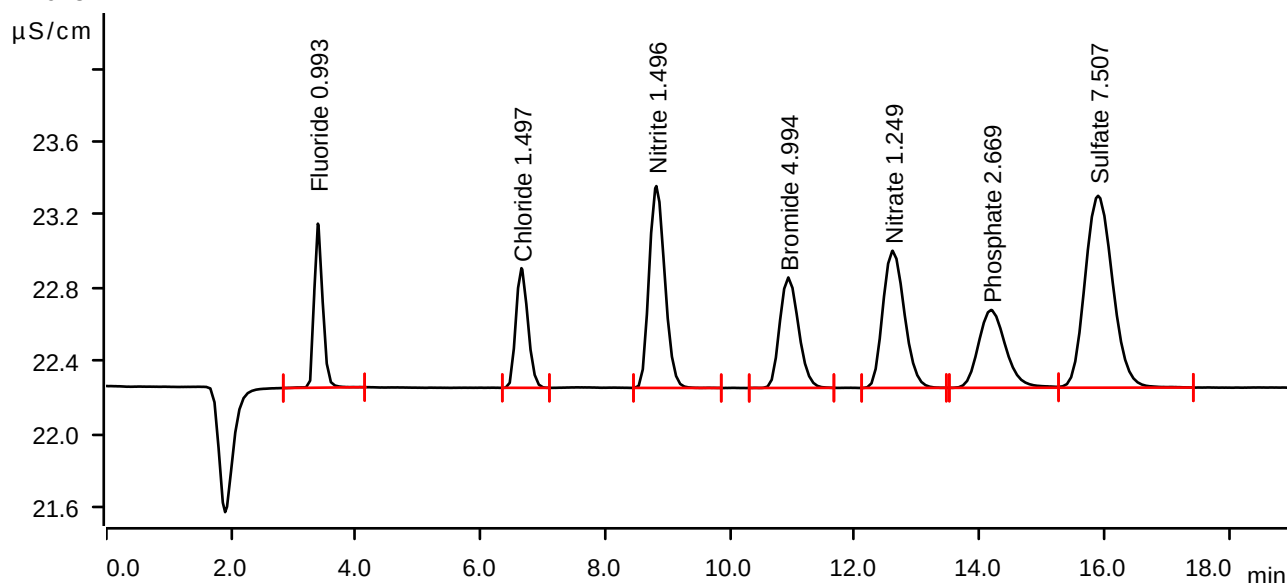
Sample data

Ident STD4
Sample type Standard 4
Determination start 2025-10-09 11:51:08 UTC-4
Method IC1-100925
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 13.34 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	3.392	0.1414	0.897	0.993	Fluoride
2	6.655	0.1461	0.654	1.497	Chloride
3	8.818	0.3220	1.103	1.496	Nitrite
4	10.933	0.2116	0.604	4.994	Bromide
5	12.607	0.3009	0.750	1.249	Nitrate
6	14.185	0.2152	0.426	2.669	Phosphate
7	15.900	0.5409	1.049	7.507	Sulfate

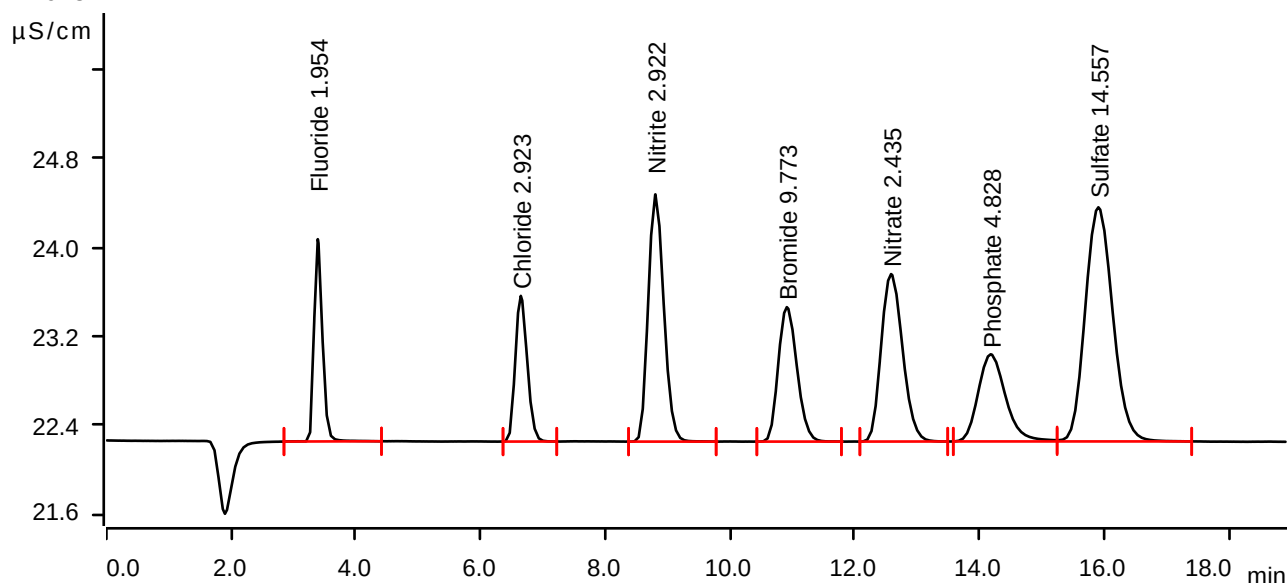
Sample data

Ident STD5
Sample type Standard 5
Determination start 2025-10-09 12:12:34 UTC-4
Method IC1-100925
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	3.390	0.2819	1.816	1.954	Fluoride
2	6.645	0.2909	1.308	2.923	Chloride
3	8.803	0.6446	2.221	2.922	Nitrite
4	10.910	0.4207	1.208	9.773	Bromide
5	12.582	0.6001	1.504	2.435	Nitrate
6	14.178	0.3988	0.783	4.828	Phosphate
7	15.905	1.0776	2.103	14.557	Sulfate

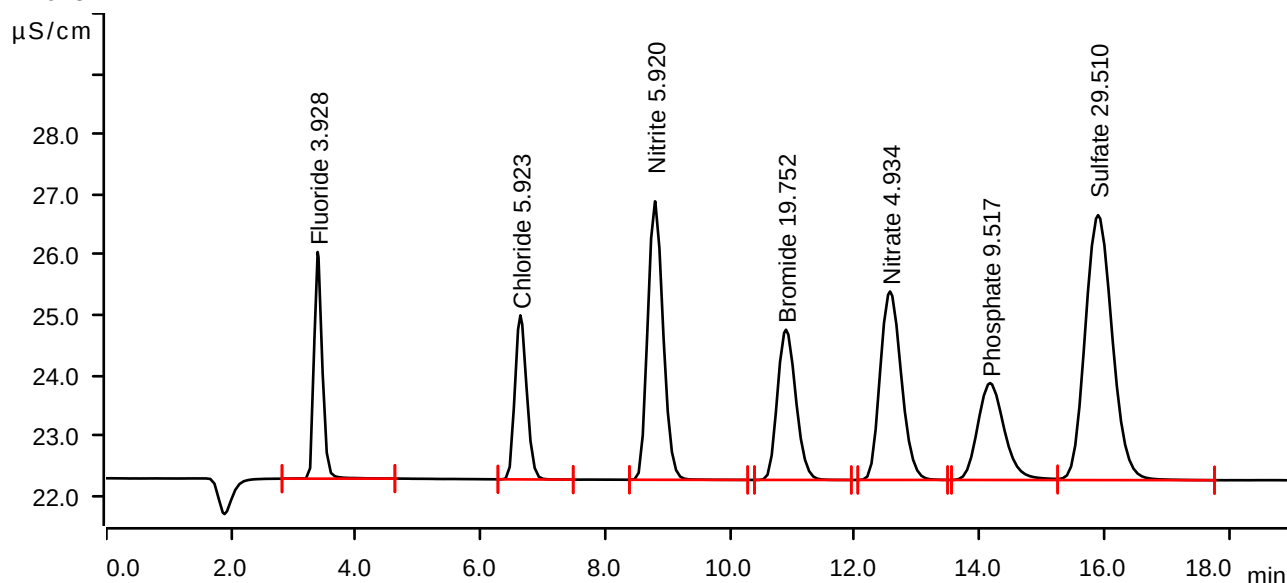
Sample data

Ident STD6
Sample type Standard 6
Determination start 2025-10-09 12:34:00 UTC-4
Method IC1-100925
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	3.388	0.5707	3.761	3.928	Fluoride
2	6.638	0.5955	2.722	5.923	Chloride
3	8.797	1.3228	4.622	5.920	Nitrite
4	10.897	0.8574	2.493	19.752	Bromide
5	12.565	1.2307	3.128	4.934	Nitrate
6	14.170	0.7975	1.608	9.517	Phosphate
7	15.900	2.2162	4.397	29.510	Sulfate

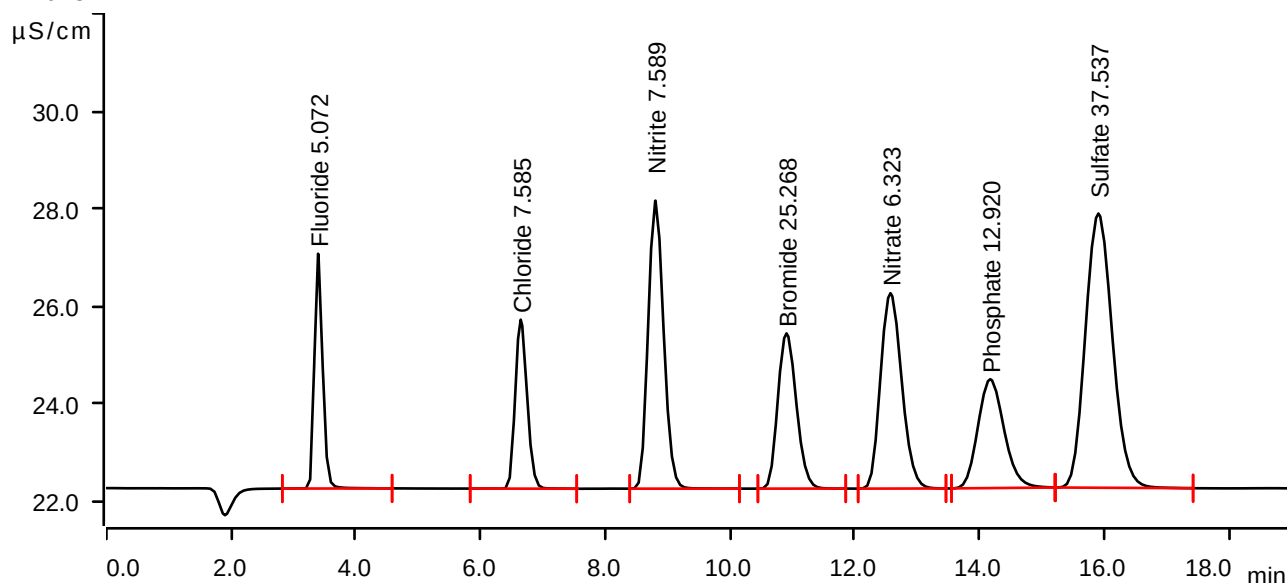
Sample data

Ident STD7
Sample type Standard 7
Determination start 2025-10-09 12:55:27 UTC-4
Method IC1-100925
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 13.01 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	3.395	0.7379	4.813	5.072	Fluoride
2	6.643	0.7642	3.464	7.585	Chloride
3	8.805	1.7004	5.904	7.589	Nitrite
4	10.905	1.0987	3.182	25.268	Bromide
5	12.572	1.5811	4.005	6.323	Nitrate
6	14.172	1.0869	2.232	12.920	Phosphate
7	15.905	2.8273	5.621	37.537	Sulfate

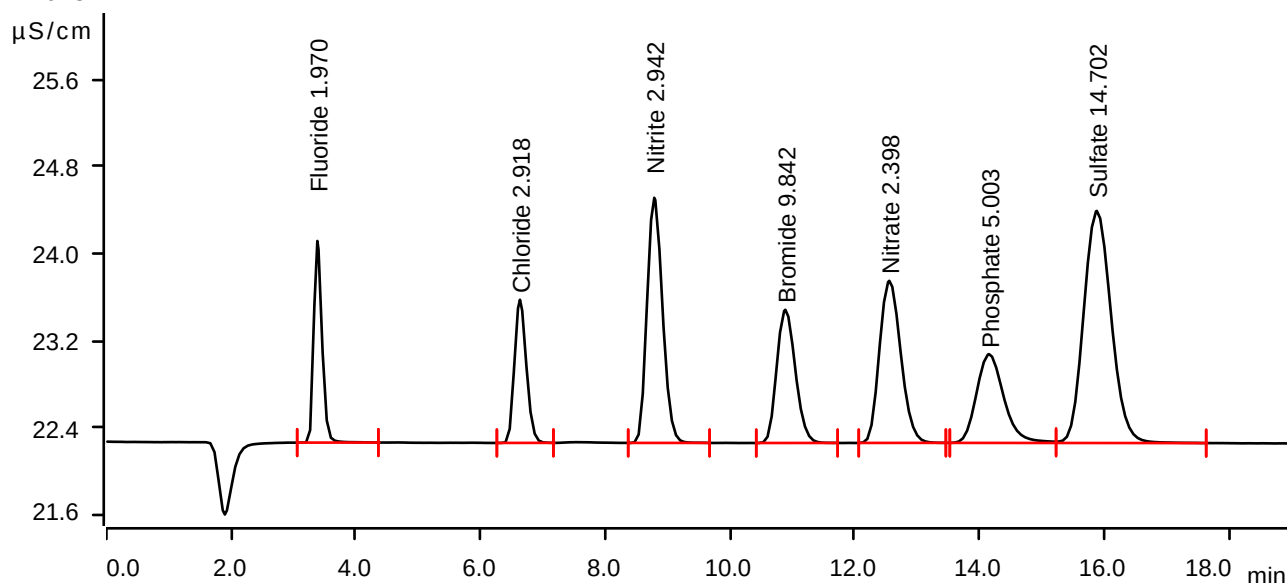
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2025-10-09 13:16:55 UTC-4
Method IC1-100925
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 13.23 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



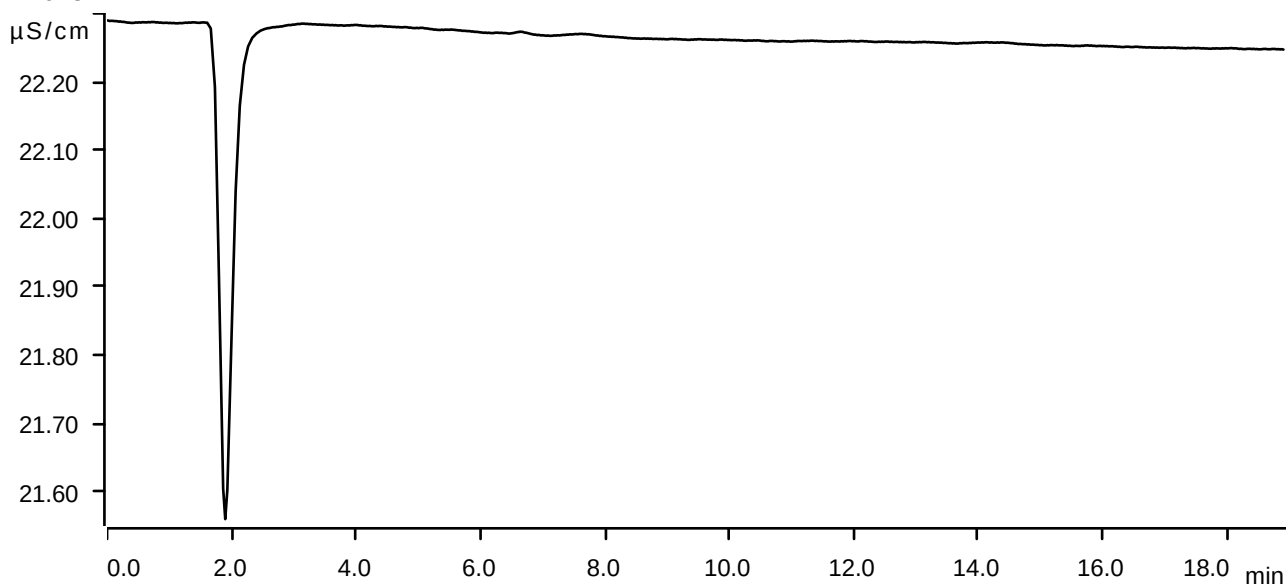
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.383	0.2843	1.850	1.970	Fluoride
2	6.632	0.2904	1.314	2.918	Chloride
3	8.785	0.6491	2.249	2.942	Nitrite
4	10.887	0.4238	1.222	9.842	Bromide
5	12.553	0.5909	1.487	2.398	Nitrate
6	14.152	0.4137	0.815	5.003	Phosphate
7	15.880	1.0887	2.130	14.702	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2025-10-09 13:38:24 UTC-4
Method IC1-100925
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 13.12 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

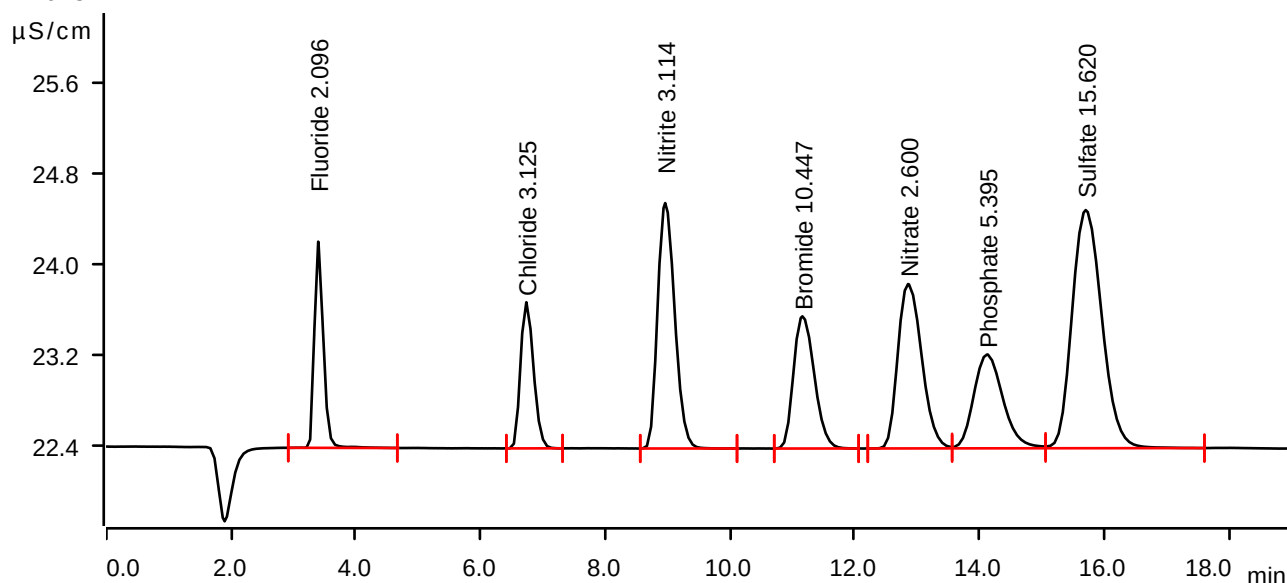
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-10-23 09:09:54 UTC-4
Method IC1-100925
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 14.02 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



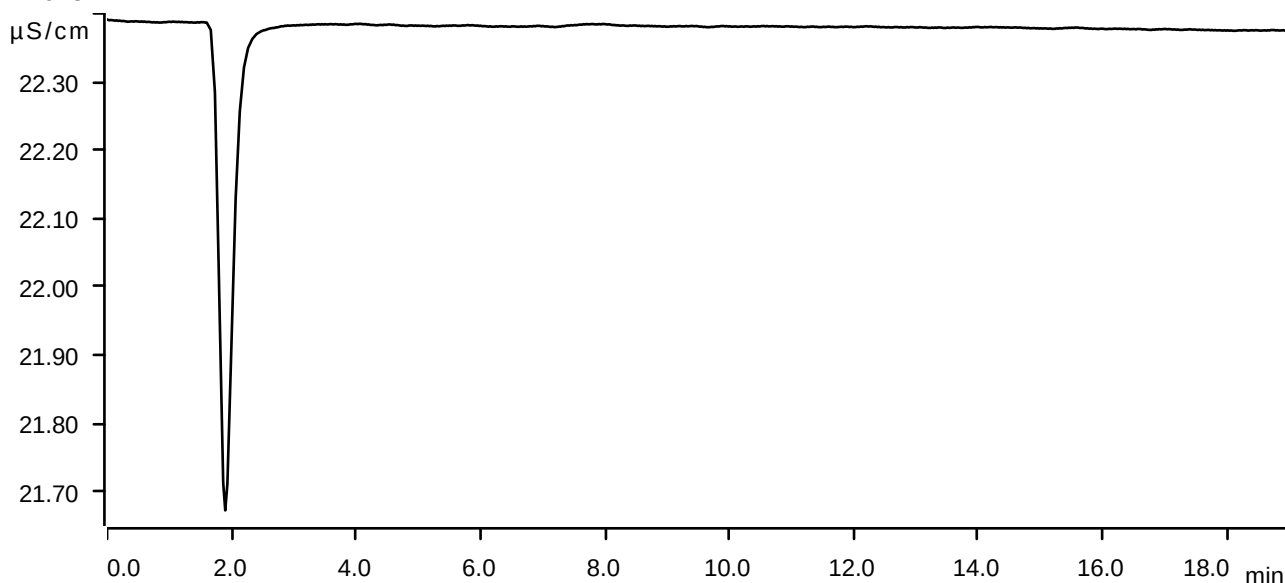
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.397	0.3027	1.811	2.096	Fluoride
2	6.733	0.3114	1.284	3.125	Chloride
3	8.960	0.6879	2.156	3.114	Nitrite
4	11.160	0.4502	1.161	10.447	Bromide
5	12.853	0.6418	1.444	2.600	Nitrate
6	14.122	0.4470	0.825	5.395	Phosphate
7	15.702	1.1586	2.092	15.620	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-10-23 09:31:25 UTC-4
Method IC1-100925
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 13.74 MPa
Maximum pressure monitored yes
Temperature ---- °C

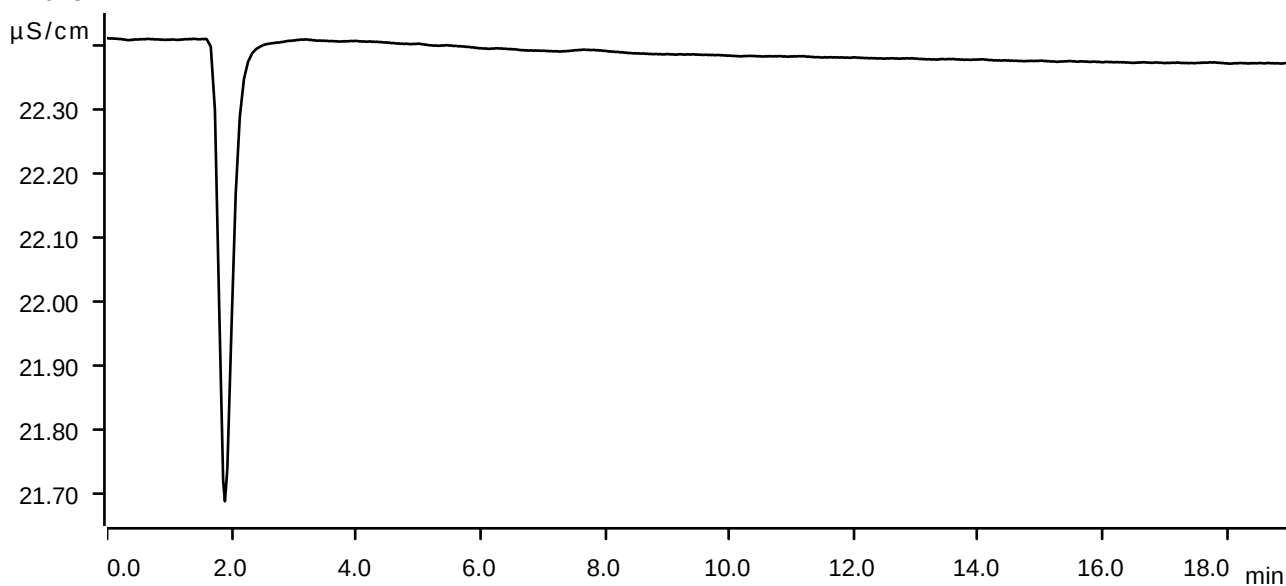
Anions

Sample data

Ident LB137629BLW
Sample type Sample
Determination start 2025-10-23 09:52:56 UTC-4
Method IC1-100925
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 13.63 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

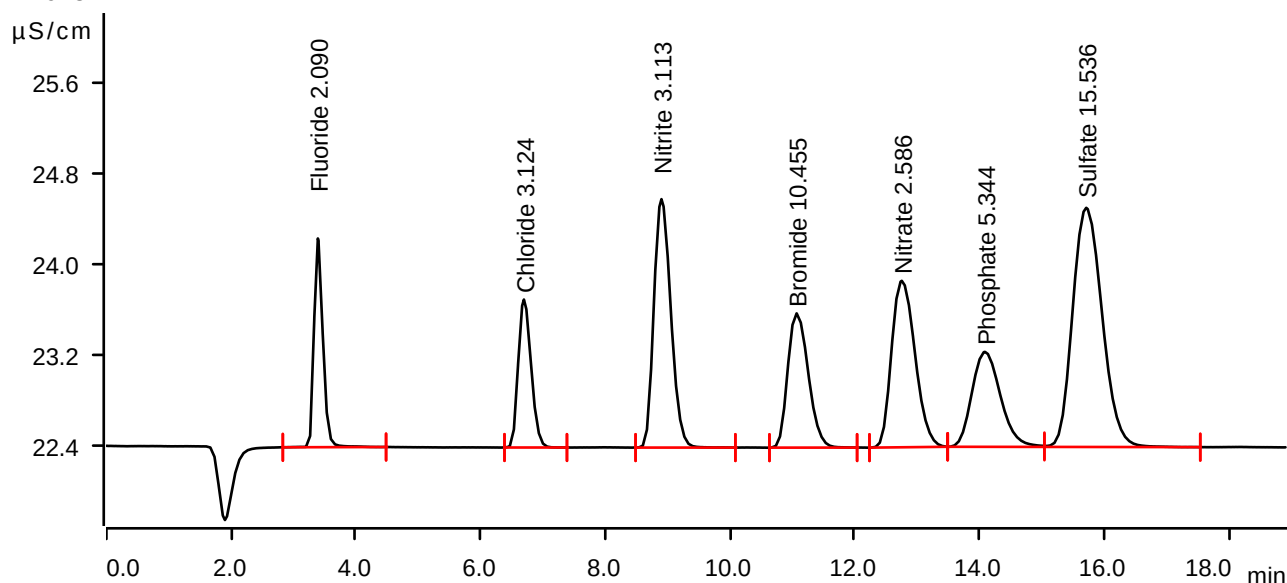
Sample data

Ident LB137629BSW
Sample type Check standard 1
Determination start 2025-10-23 10:14:27 UTC-4
Method IC1-100925
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 13.57 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	3.392	0.3018	1.834	2.090	Fluoride
2	6.695	0.3113	1.300	3.124	Chloride
3	8.900	0.6877	2.182	3.113	Nitrite
4	11.067	0.4506	1.179	10.455	Bromide
5	12.753	0.6383	1.462	2.586	Nitrate
6	14.087	0.4427	0.834	5.344	Phosphate
7	15.710	1.1522	2.101	15.536	Sulfate

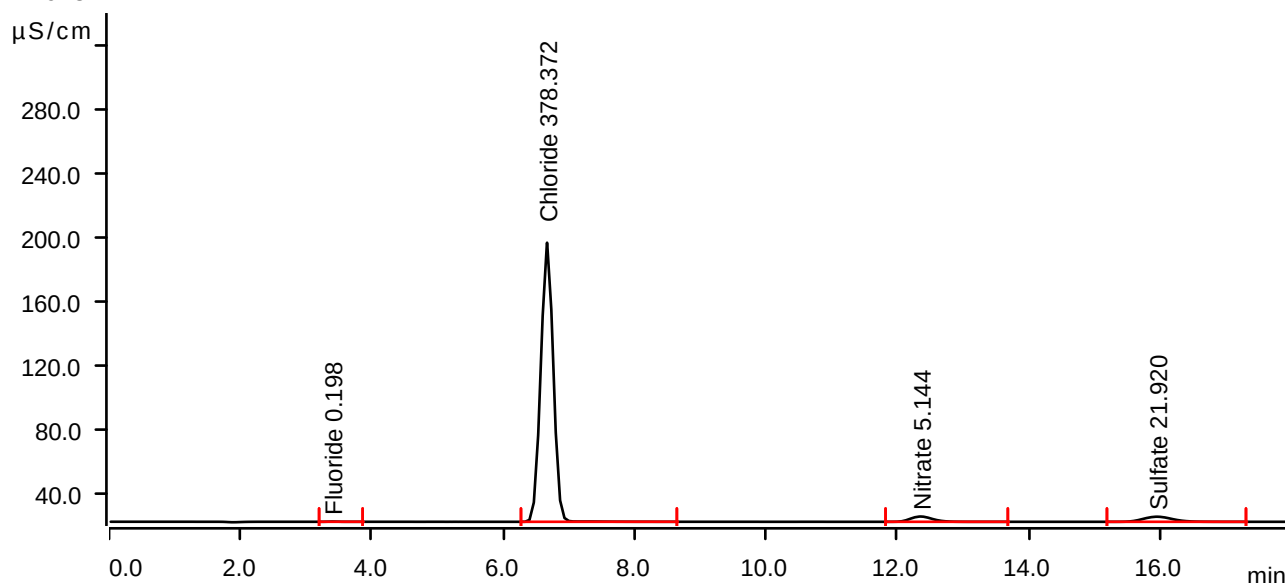
Sample data

Ident Q3444-01
Sample type Sample
Determination start 2025-10-23 13:28:47 UTC-4
Method IC1-100925
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 18.0 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	3.402	0.0252	0.159	0.198	Fluoride
2	6.670	38.4096	174.346	378.372	Chloride
3	12.357	1.2836	3.300	5.144	Nitrate
4	15.957	1.6383	3.181	21.920	Sulfate

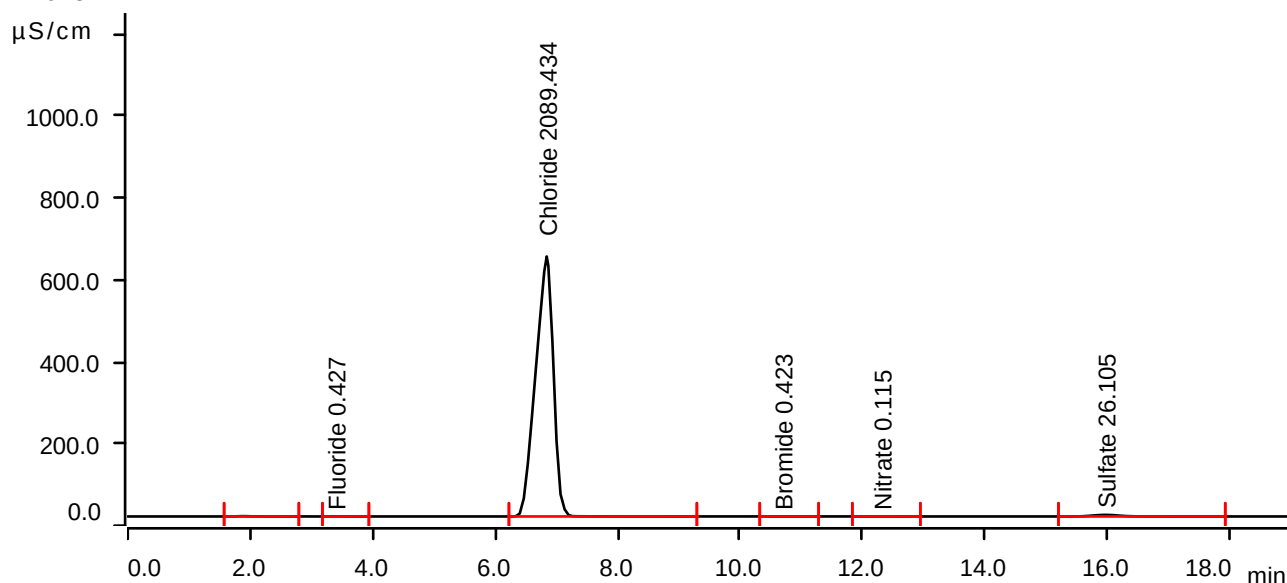
Sample data

Ident Q3444-02
Sample type Sample
Determination start 2025-10-23 13:49:25 UTC-4
Method IC1-100925
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	1.887	0.2101	0.764	invalid	
2	3.393	0.0585	0.364	0.427	Fluoride
3	6.842	212.1304	634.540	2089.434	Chloride
4	10.667	0.0116	0.033	0.423	Bromide
5	12.307	0.0147	0.037	0.115	Nitrate
6	15.965	1.9570	3.796	26.105	Sulfate

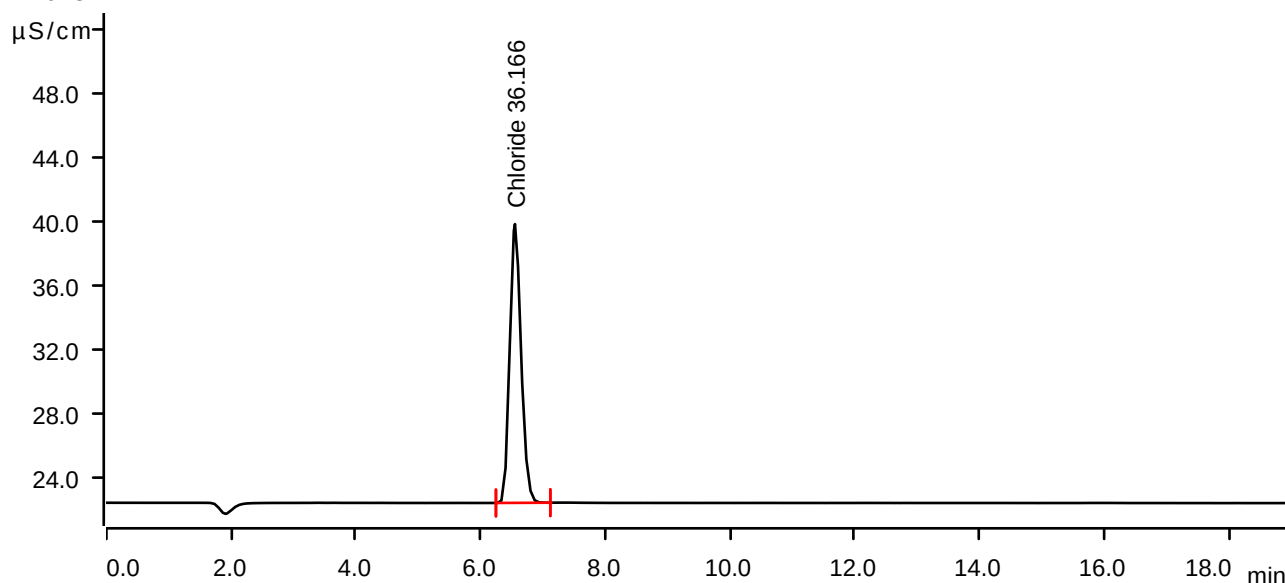
Sample data

Ident Q3444-03
Sample type Sample
Determination start 2025-10-23 14:10:59 UTC-4
Method IC1-100925
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	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.552	3.6659	17.417	36.166	Chloride

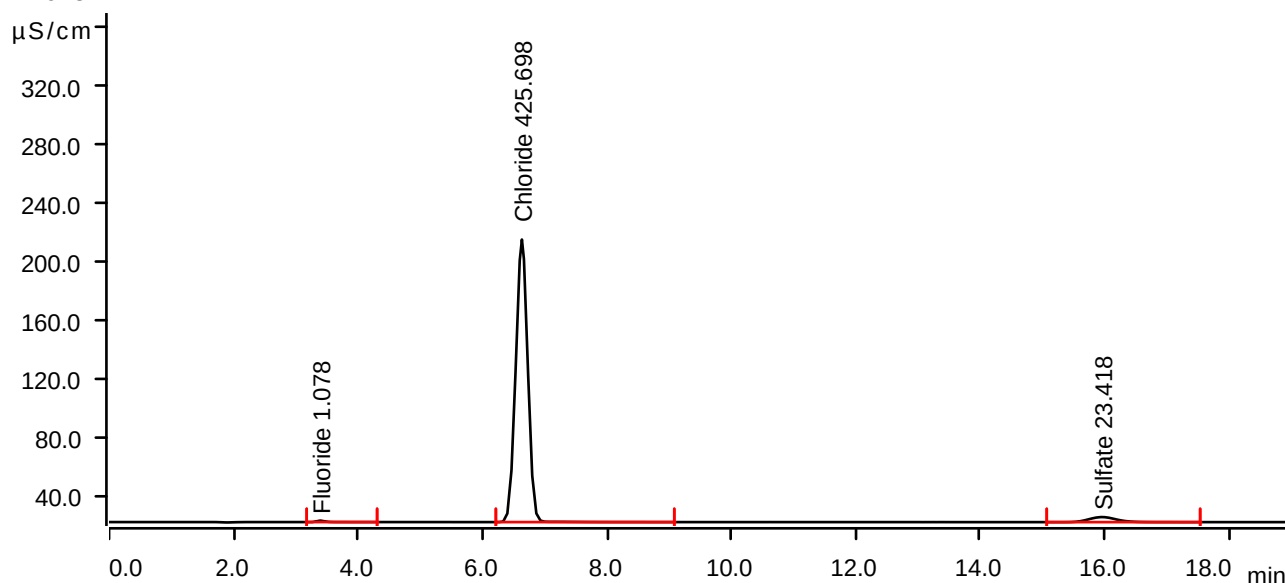
Sample data

Ident Q3444-04
Sample type Sample
Determination start 2025-10-23 14:32:33 UTC-4
Method IC1-100925
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	3.393	0.1538	0.981	1.078	Fluoride
2	6.635	43.2145	193.072	425.698	Chloride
3	15.957	1.7524	3.449	23.418	Sulfate

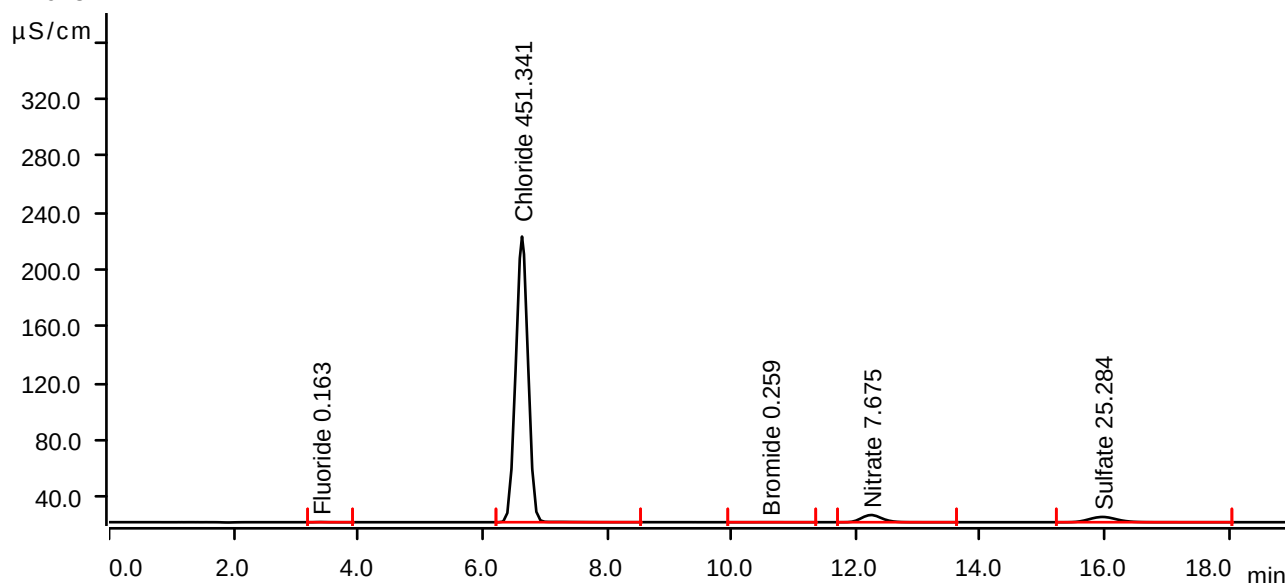
Sample data

Ident Q3444-05
Sample type Sample
Determination start 2025-10-23 14:54:08 UTC-4
Method IC1-100925
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	3.397	0.0200	0.124	0.163	Fluoride
2	6.637	45.8180	200.758	451.341	Chloride
3	10.618	0.0044	0.011	0.259	Bromide
4	12.248	1.9223	5.046	7.675	Nitrate
5	15.963	1.8944	3.700	25.284	Sulfate

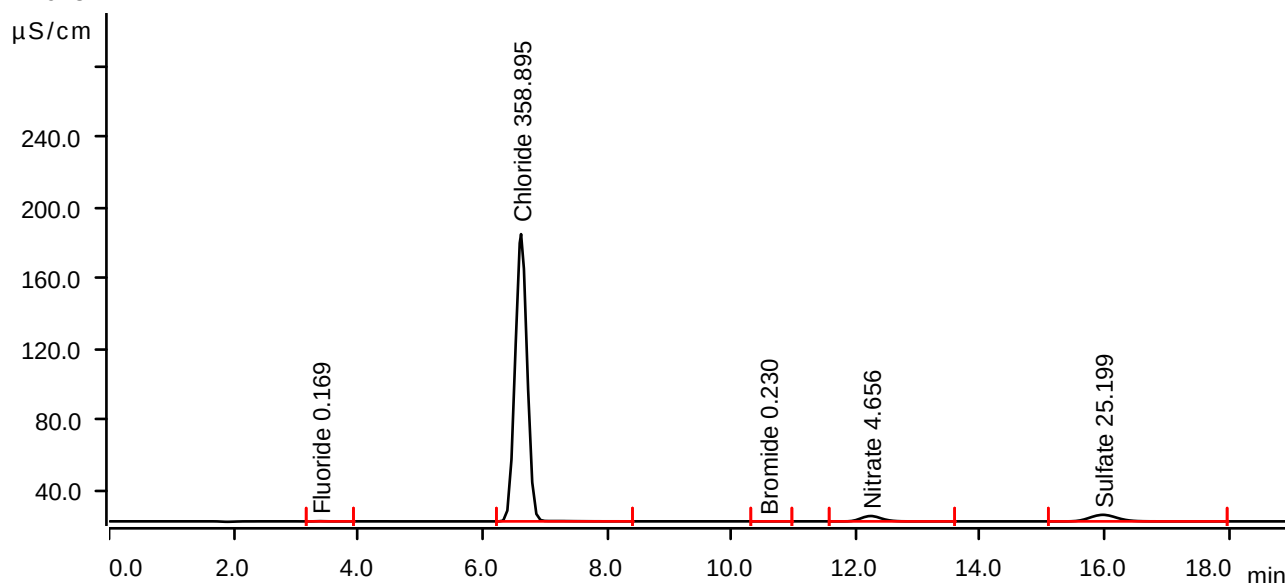
Sample data

Ident Q3444-06
Sample type Sample
Determination start 2025-10-23 15:15:42 UTC-4
Method IC1-100925
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	3.393	0.0208	0.128	0.169	Fluoride
2	6.622	36.4321	162.627	358.895	Chloride
3	10.588	0.0032	0.010	0.230	Bromide
4	12.242	1.1606	3.036	4.656	Nitrate
5	15.972	1.8879	3.708	25.199	Sulfate

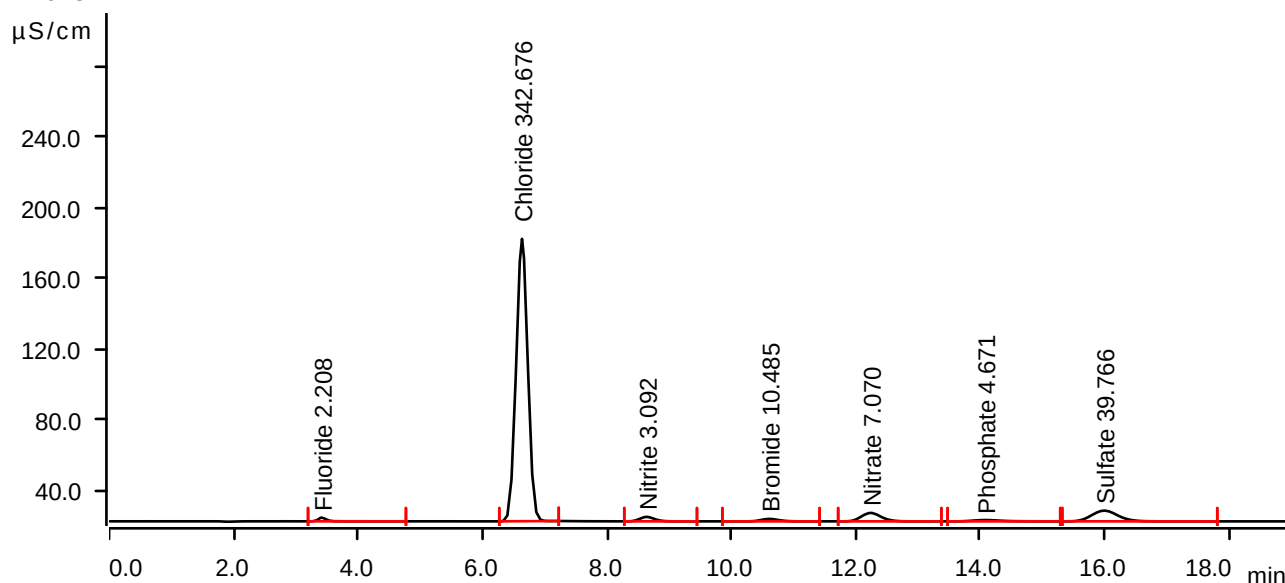
Sample data

Ident Q3444-06MS
Sample type Sample
Determination start 2025-10-23 15:37:16 UTC-4
Method IC1-100925
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 (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.418	0.3191	2.093	2.208	Fluoride
2	6.637	34.7854	159.880	342.676	Chloride
3	8.640	0.6831	2.517	3.092	Nitrite
4	10.612	0.4519	1.380	10.485	Bromide
5	12.240	1.7696	4.775	7.070	Nitrate
6	14.080	0.3855	0.744	4.671	Phosphate
7	15.993	2.9971	6.077	39.766	Sulfate

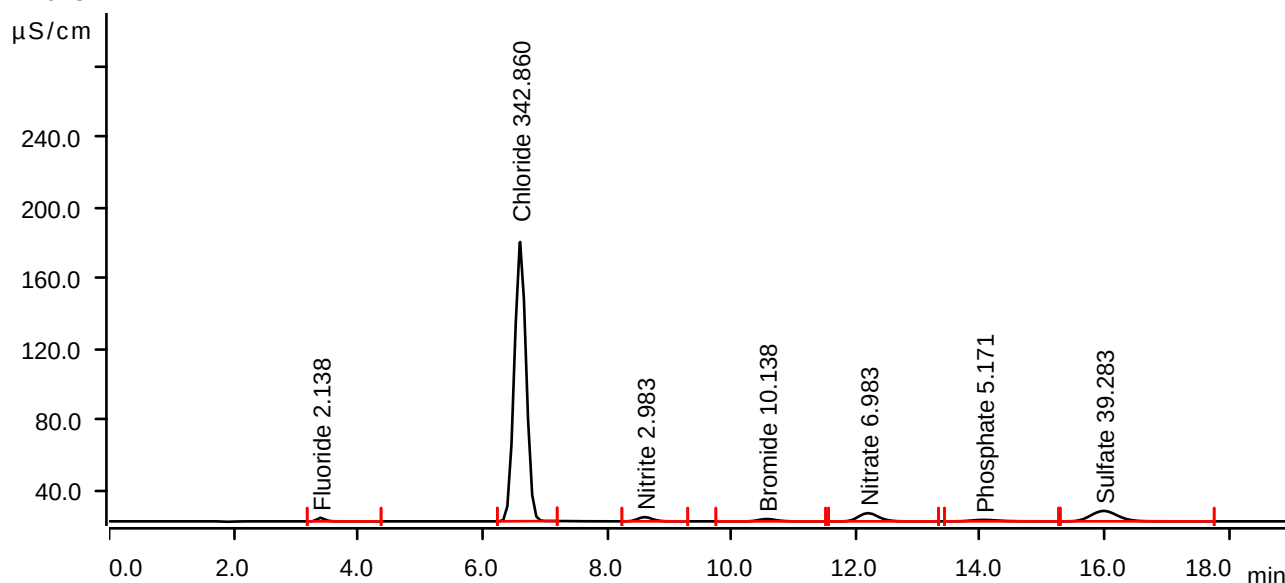
Sample data

Ident Q3444-06MSD
Sample type Sample
Determination start 2025-10-23 15:58:49 UTC-4
Method IC1-100925
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



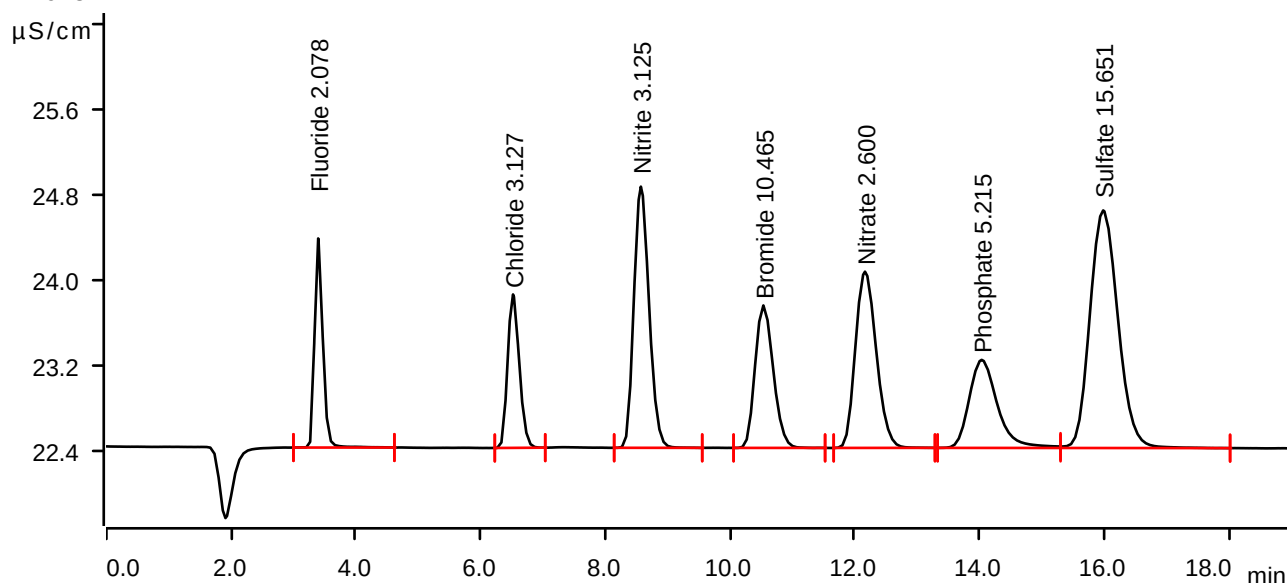
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.398	0.3089	2.021	2.138	Fluoride
2	6.607	34.8041	158.103	342.860	Chloride
3	8.607	0.6583	2.390	2.983	Nitrite
4	10.572	0.4367	1.314	10.138	Bromide
5	12.198	1.7477	4.652	6.983	Nitrate
6	14.057	0.4279	0.826	5.171	Phosphate
7	15.985	2.9603	5.896	39.283	Sulfate

Sample data

Ident CCV
 Sample type Check standard 1
 Determination start 2025-10-23 16:20:16 UTC-4
 Method IC1-100925
 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

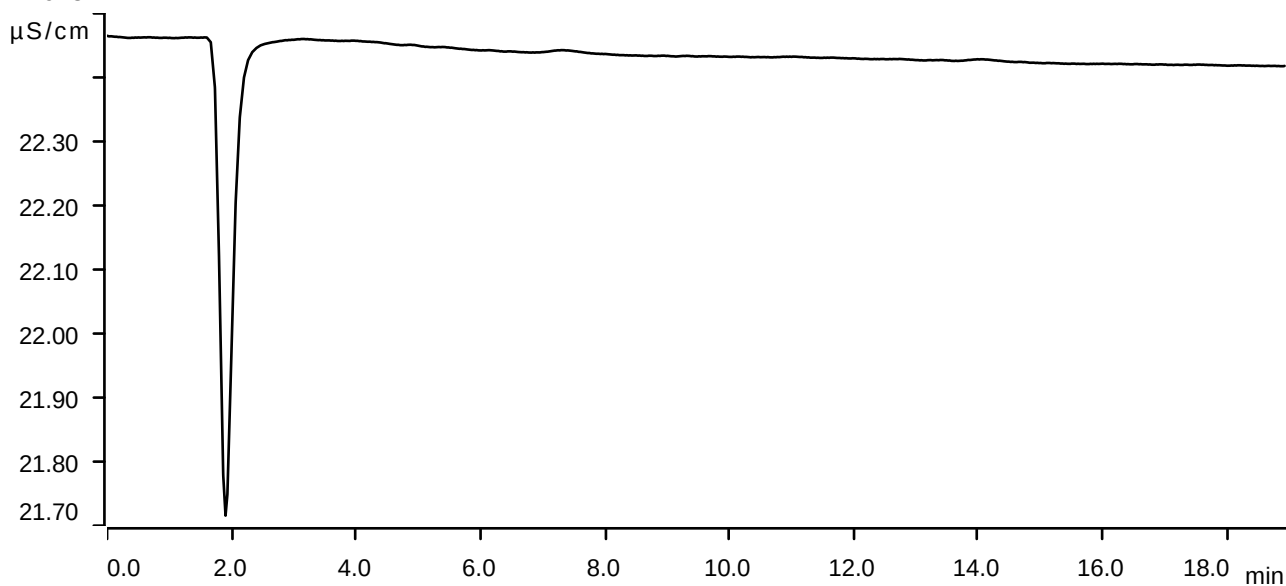
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.397	0.3000	1.959	2.078	Fluoride
2	6.520	0.3116	1.438	3.127	Chloride
3	8.570	0.6905	2.448	3.125	Nitrite
4	10.535	0.4510	1.334	10.465	Bromide
5	12.163	0.6418	1.652	2.600	Nitrate
6	14.033	0.4317	0.825	5.215	Phosphate
7	15.982	1.1610	2.227	15.651	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-10-23 16:41:46 UTC-4
Method IC1-100925
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

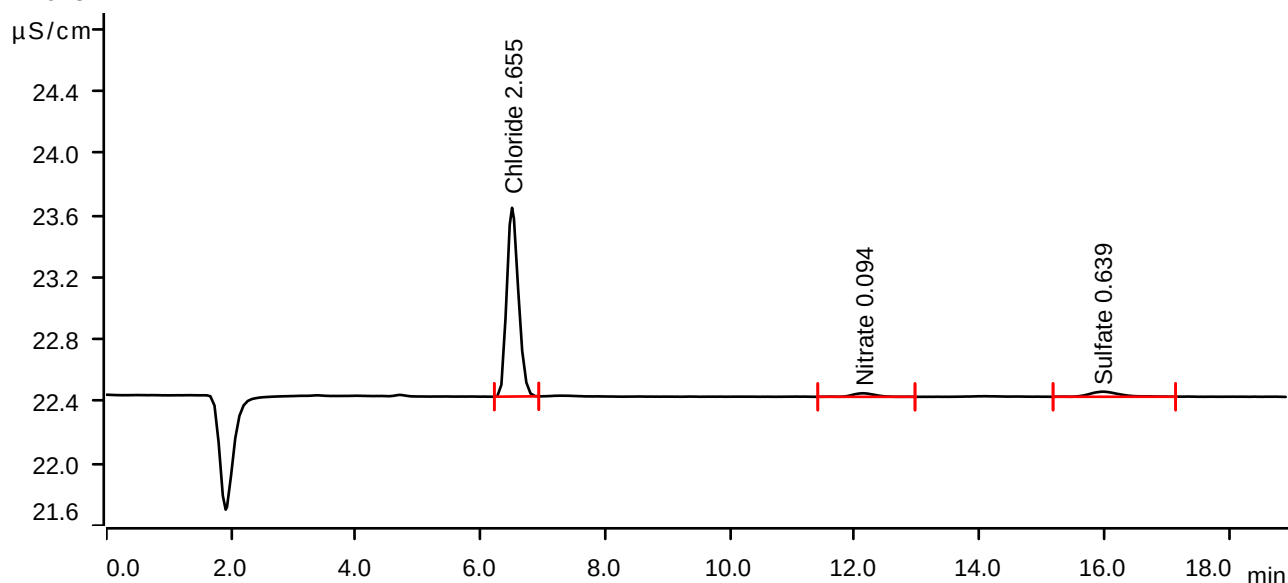
Sample data

Ident Q3444-01DLX100
Sample type Sample
Determination start 2025-10-23 17:03:17 UTC-4
Method IC1-100925
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	6.505	0.2636	1.216	2.655	Chloride
2	12.132	0.0095	0.023	0.094	Nitrate
3	15.960	0.0179	0.033	0.639	Sulfate

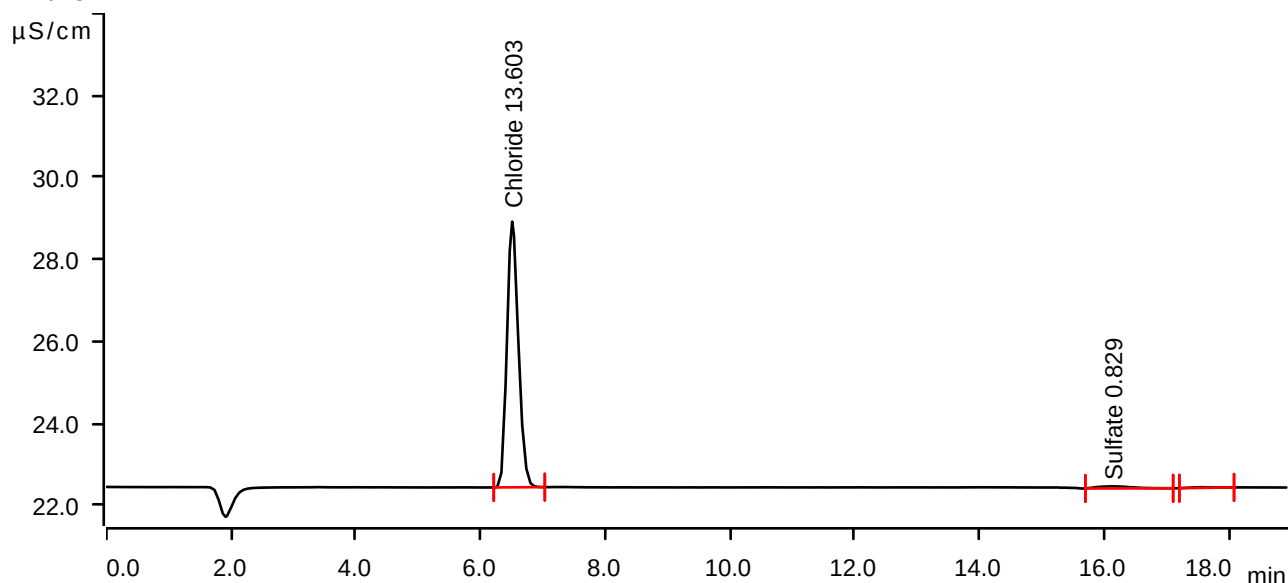
Sample data

Ident Q3444-02DLX100
Sample type Sample
Determination start 2025-10-23 17:24:48 UTC-4
Method IC1-100925
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 (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.507	1.3752	6.485	13.603	Chloride
2	16.128	0.0324	0.051	0.829	Sulfate
3	17.573	0.0072	0.016	invalid	

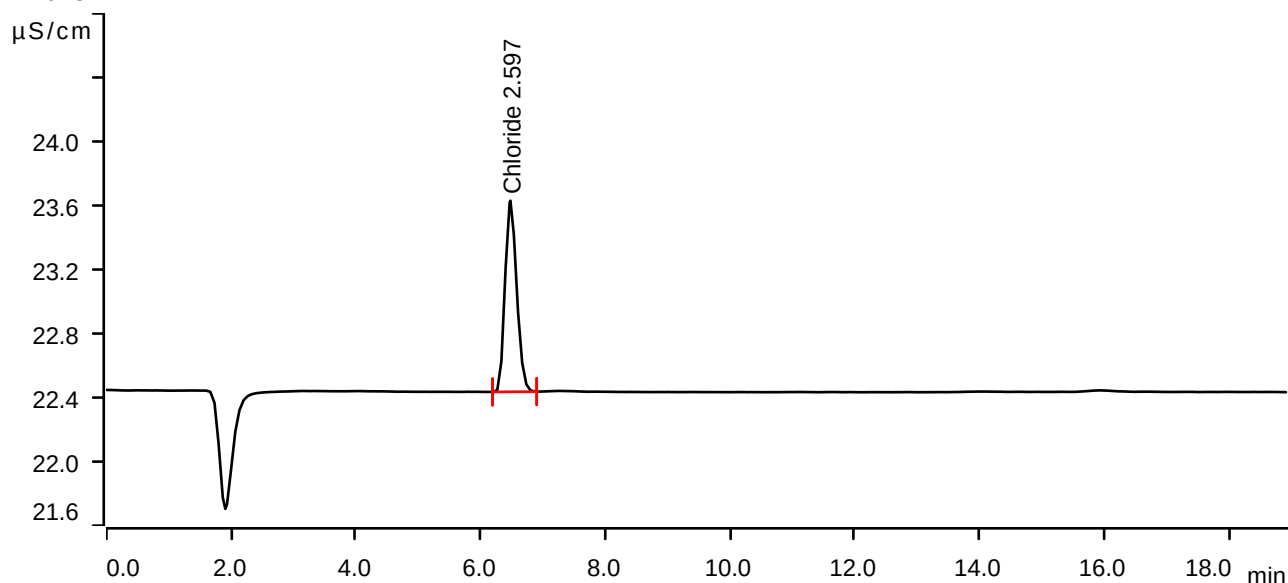
Sample data

Ident Q3444-02DL2X500
Sample type Sample
Determination start 2025-10-23 18:07:48 UTC-4
Method IC1-100925
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	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.478	0.2578	1.194	2.597	Chloride

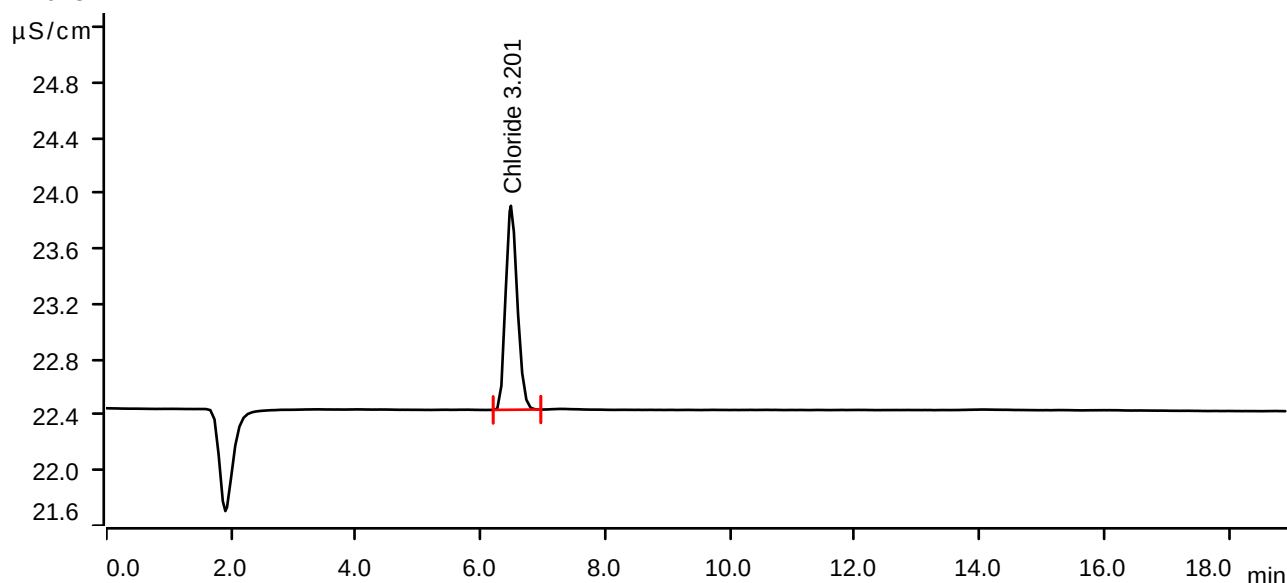
Sample data

Ident Q3444-03DLX10
Sample type Sample
Determination start 2025-10-23 18:29:17 UTC-4
Method IC1-100925
Operator

Anions

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

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.487	0.3191	1.474	3.201	Chloride

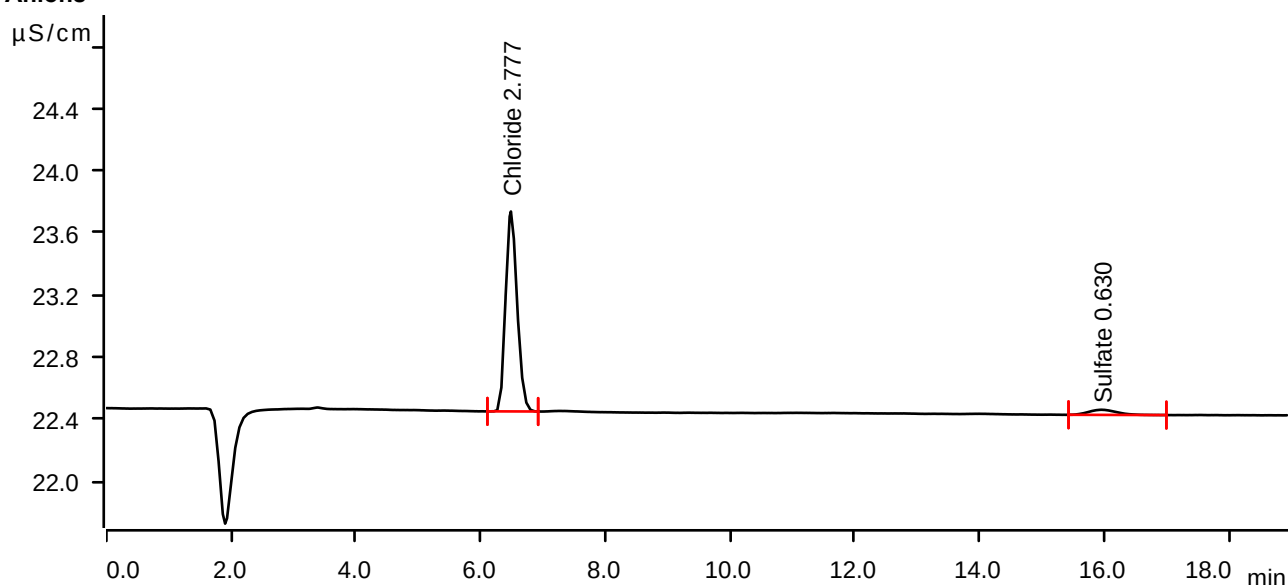
Sample data

Ident Q3444-04DLX100
Sample type Sample
Determination start 2025-10-23 18:50:45 UTC-4
Method IC1-100925
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.487	0.2760	1.288	2.777	Chloride
2	15.957	0.0172	0.033	0.630	Sulfate

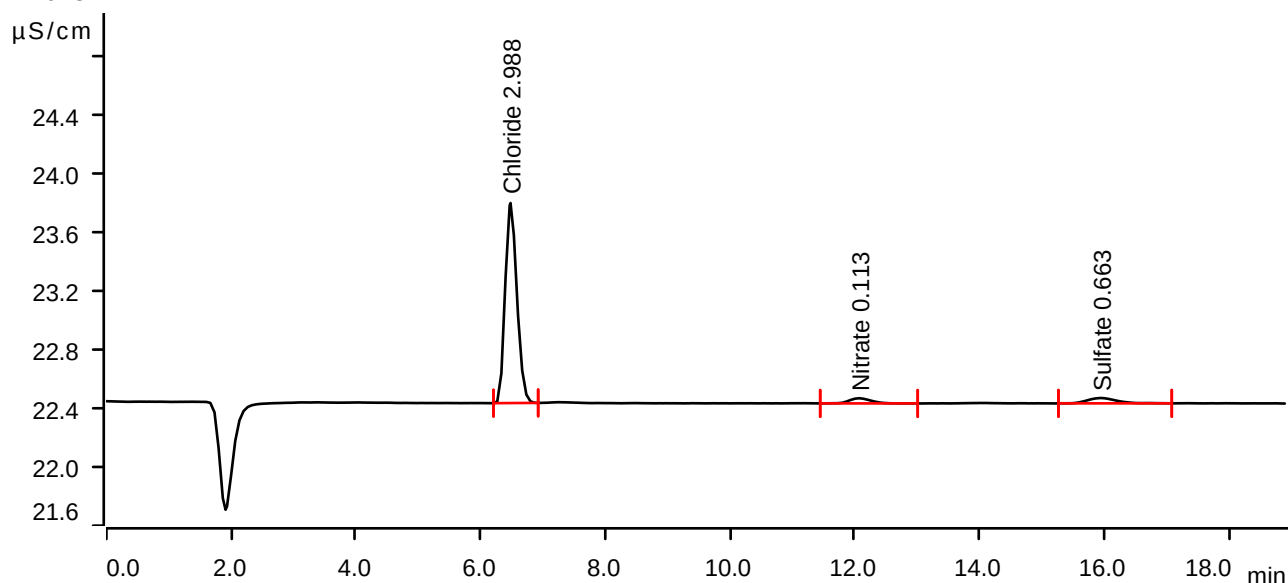
Sample data

Ident Q3444-05DLX100
Sample type Sample
Determination start 2025-10-23 19:12:12 UTC-4
Method IC1-100925
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	6.480	0.2975	1.367	2.988	Chloride
2	12.070	0.0144	0.035	0.113	Nitrate
3	15.943	0.0198	0.036	0.663	Sulfate

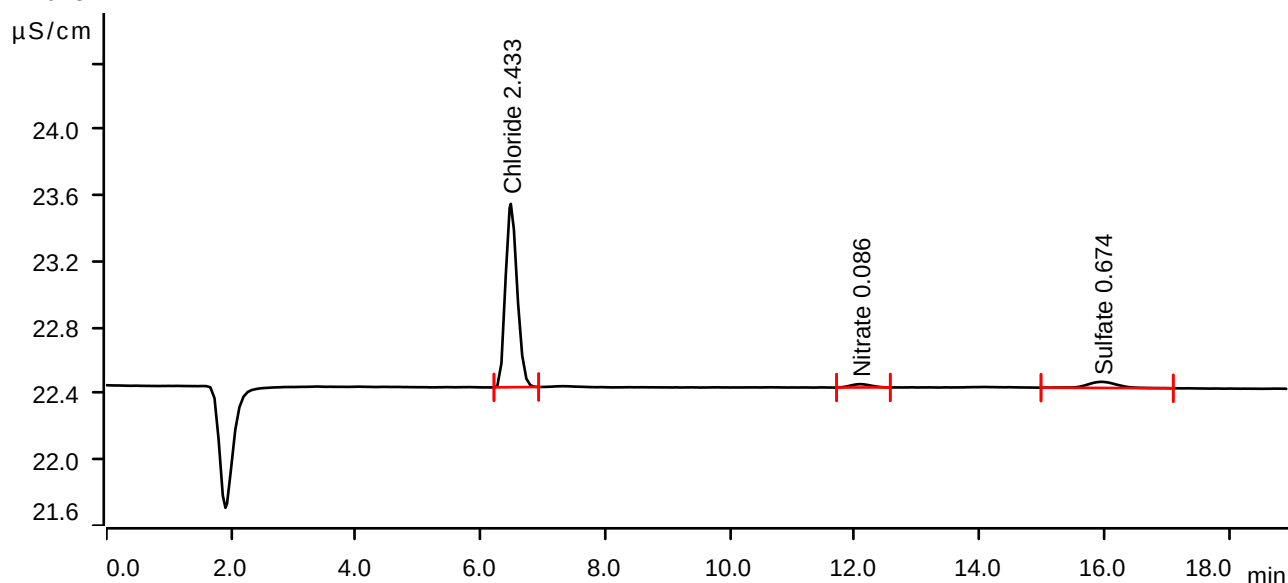
Sample data

Ident Q3444-06DLX100
Sample type Sample
Determination start 2025-10-23 19:33:39 UTC-4
Method IC1-100925
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 (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.485	0.2411	1.110	2.433	Chloride
2	12.087	0.0076	0.020	0.086	Nitrate
3	15.965	0.0206	0.037	0.674	Sulfate

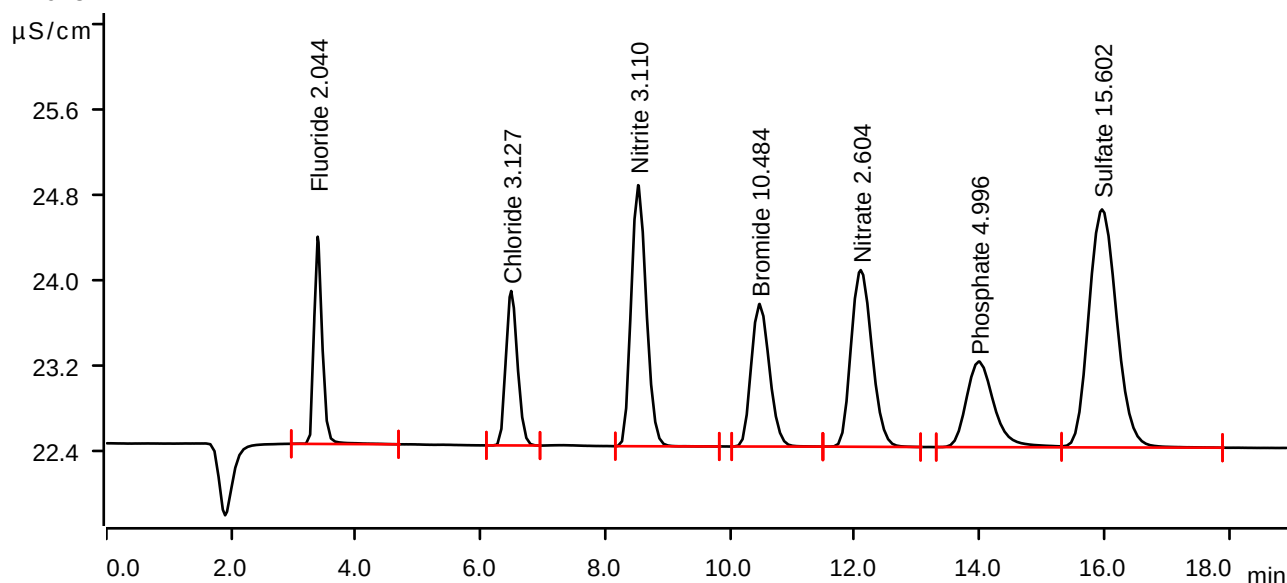
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-10-23 19:55:05 UTC-4
Method IC1-100925
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	3.388	0.2951	1.942	2.044	Fluoride
2	6.492	0.3116	1.447	3.127	Chloride
3	8.527	0.6871	2.447	3.110	Nitrite
4	10.473	0.4519	1.336	10.484	Bromide
5	12.095	0.6428	1.656	2.604	Nitrate
6	13.988	0.4131	0.803	4.996	Phosphate
7	15.963	1.1572	2.230	15.602	Sulfate

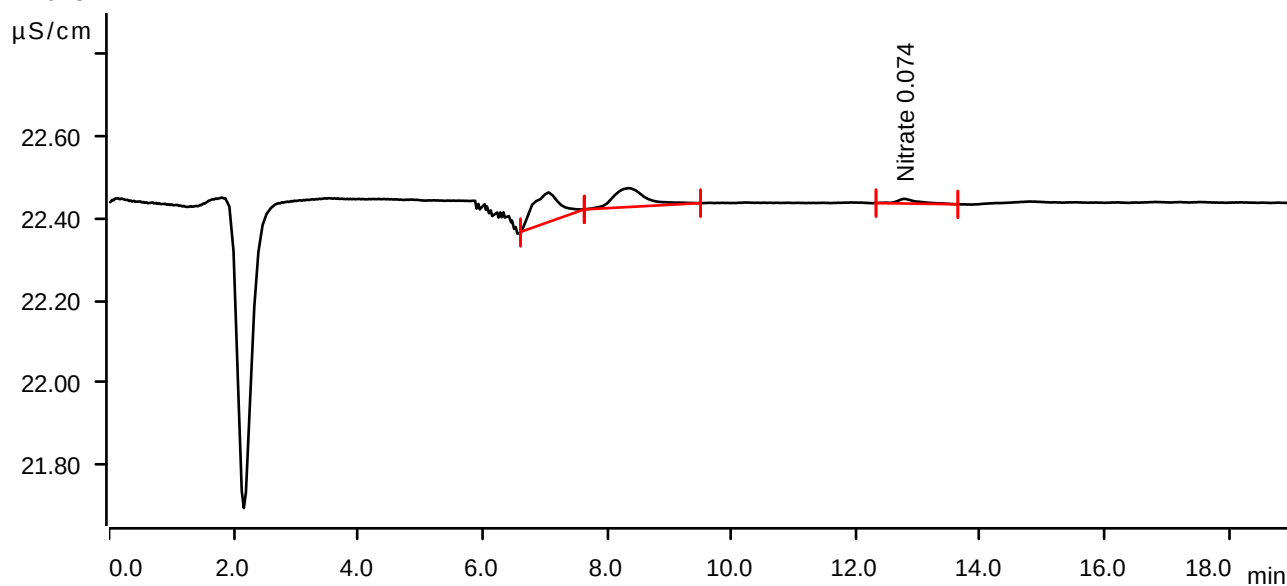
Sample data

Ident CCB
Sample type Sample
Determination start 2025-10-23 20:16:35 UTC-4
Method IC1-100925
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 10.14 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	7.060	0.0374	0.072	invalid	
2	8.365	0.0282	0.046	invalid	
3	12.772	0.0046	0.011	0.074	Nitrate

WORKLIST(Hardcopy Internal Chain)

LB137629

WorkList Name : Anions-102325 WorkList ID : 192644 Department : Wet-Chemistry Date : 10-23-2025 13:18:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3444-01	16 Banker	Water	Anions Group1	Cool 4 deg C	GENV01	J21	10/23/2025	300.0
Q3444-02	29 Hanover	Water	Anions Group1	Cool 4 deg C	GENV01	J21	10/23/2025	300.0
Q3444-03	29 Post	Water	Anions Group1	Cool 4 deg C	GENV01	J21	10/23/2025	300.0
Q3444-04	683 WARWICK	Water	Anions Group1	Cool 4 deg C	GENV01	J21	10/23/2025	300.0
Q3444-05	735 WARWICK	Water	Anions Group1	Cool 4 deg C	GENV01	J21	10/23/2025	300.0
Q3444-06	739 WARWICK	Water	Anions Group1	Cool 4 deg C	GENV01	J21	10/23/2025	300.0

Date/Time 10/23/25 13:10
 Raw Sample Received by: 12(507)
 Raw Sample Relinquished by: [Signature]

Date/Time 10/23/25 15:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: 12(507)