Instrument IC-1 Analyst : NF Method: 300.0 / 9056A

Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	Initial wt/Final	Analyst
STD1	0	0	0	0	0	0	0	IC1-042225	4/22/2025 10:37	10	NF/IZ
STD2	0.431	0.651	0.655	2.172	0.551	1.09	3.366	IC1-042225	4/22/2025 10:59	10	NF/IZ
STD3	0.81	1.217	1.222	4.049	1.011	2.01	6.091	IC1-042225	4/22/2025 11:20	10	NF/IZ
STD4	0.984	1.509	1.498	5.011	1.25	2.445	7.369	IC1-042225	4/22/2025 11:42	10	NF/IZ
STD5	1.938	2.914	2.916	9.735	2.424	4.86	14.361	IC1-042225	4/22/2025 12:03	10	NF/IZ
STD6	4.065	5.918	5.915	19.752	4.949	10.183	30.38	IC1-042225	4/22/2025 12:25	10	NF/IZ
STD7	4.972	7.591	7.594	25.28	6.316	12.412	36.933	IC1-042225	4/22/2025 12:46	10	NF/IZ
ICV	2.034	3.1	3.074	10.246	2.611	5.165	15.12	IC1-042225	4/22/2025 13:07	10	NF/IZ
ICB	0	0	0	0	0	0	0	IC1-042225	4/22/2025 13:58	10	NF/IZ
CCV	2.062	3.167	3.138	10.531	2.67	5.136	15.403	IC1-042225	4/28/2025 11:44	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-042225	4/28/2025 12:06	10	NF/IZ
LB135573BLS	0	0	0	0	0	0	0	IC1-042225	4/28/2025 12:27	5.00g/100mL	NF/IZ
LB135573BSS	2.074	3.178	3.158	10.549	2.679	5.248	15.415	IC1-042225	4/28/2025 12:49	5.00g/100mL	NF/IZ
Q1889-01	0.14	1.058	0	0	0	0	0.763	IC1-042225	4/28/2025 16:03	5.01g/100mL	NF/IZ
Q1889-02	0.155	0.191	0	0	0.086	0	1.129	IC1-042225	4/28/2025 16:24	5.05g/100mL	NF/IZ
Q1889-03	0.419	0.202	0	0	0.097	0	1.398	IC1-042225	4/28/2025 16:46	5.03g/100mL	NF/IZ
Q1889-03MS	2.157	3.211	3.044	10.218	2.564	4.004	15.91	IC1-042225	4/28/2025 17:07	5.02g/100mL	NF/IZ
Q1889-03MSD	2.178	3.22	3.051	10.244	2.569	4.023	15.981	IC1-042225	4/28/2025 17:29	5.03g/100mL	NF/IZ
Q1903-01	0.172	0.154	0	0	0.099	0	1.359	IC1-042225	4/28/2025 18:33	5.04g/100mL	NF/IZ
Q1903-02	0.319	0.178	0	0	0.085	0	1.444	IC1-042225	4/28/2025 18:55	5.05g/100mL	NF/IZ
Q1903-03	0.23	0.163	0	0	0	0	1.004	IC1-042225	4/28/2025 19:16	5.06g/100mL	NF/IZ
CCV	2.078	3.173	3.16	10.565	2.679	5.343	15.39	IC1-042225	4/28/2025 19:38	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-042225	4/28/2025 19:59	10	NF/IZ

Clear table

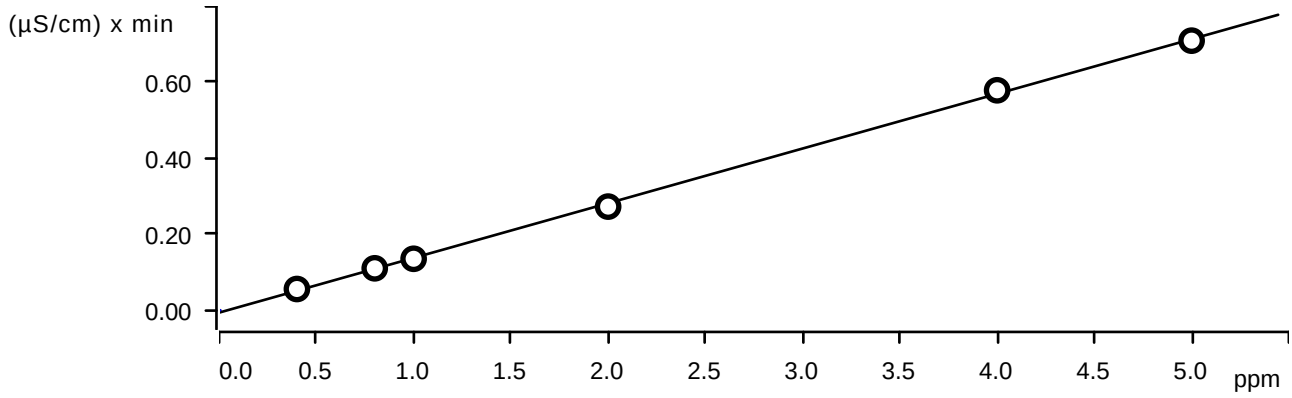
Instrument ID: IC-2 Analyst : IZ Method: 300.0 / 9056A

ident	concentration F-	concentration CL-	concentration NO2	concentration BR-	concentration NO3	concentration HPO4	concentration SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-042225	4/22/2025 10:37	10	NF/IZ
STD2	0.4310	0.6510	0.6550	2.1720	0.5510	1.0900	3.3660	IC1-042225	4/22/2025 10:59	10	NF/IZ
STD3	0.8100	1.2170	1.2220	4.0490	1.0110	2.0100	6.0910	IC1-042225	4/22/2025 11:20	10	NF/IZ
STD4	0.9840	1.5090	1.4980	5.0110	1.2500	2.4450	7.3690	IC1-042225	4/22/2025 11:42	10	NF/IZ
STD5	1.9380	2.9140	2.9160	9.7350	2.4240	4.8600	14.3610	IC1-042225	4/22/2025 12:03	10	NF/IZ
STD6	4.0650	5.9180	5.9150	19.7520	4.9490	10.1830	30.3800	IC1-042225	4/22/2025 12:25	10	NF/IZ
STD7	4.9720	7.5910	7.5940	25.2800	6.3160	12.4120	36.9330	IC1-042225	4/22/2025 12:46	10	NF/IZ

ident	True 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	7.7500	8.5000	9.1667	8.6000	10.2000	9.0000	12.2000
STD3	1.2500	1.4167	1.8333	1.2250	1.1000	0.5000	1.5167
STD4	-1.6000	0.6000	-0.1333	0.2200	0.0000	-2.2000	-1.7467
STD5	-3.1000	-2.8667	-2.8000	-2.6500	-3.0400	-2.8000	-4.2600
STD6	1.6250	-1.3667	-1.4167	-1.2400	-1.0200	1.8300	1.2667
STD7	-0.5600	1.2133	1.2533	1.1200	1.0560	-0.7040	-0.1811

Fluoride (Anions)



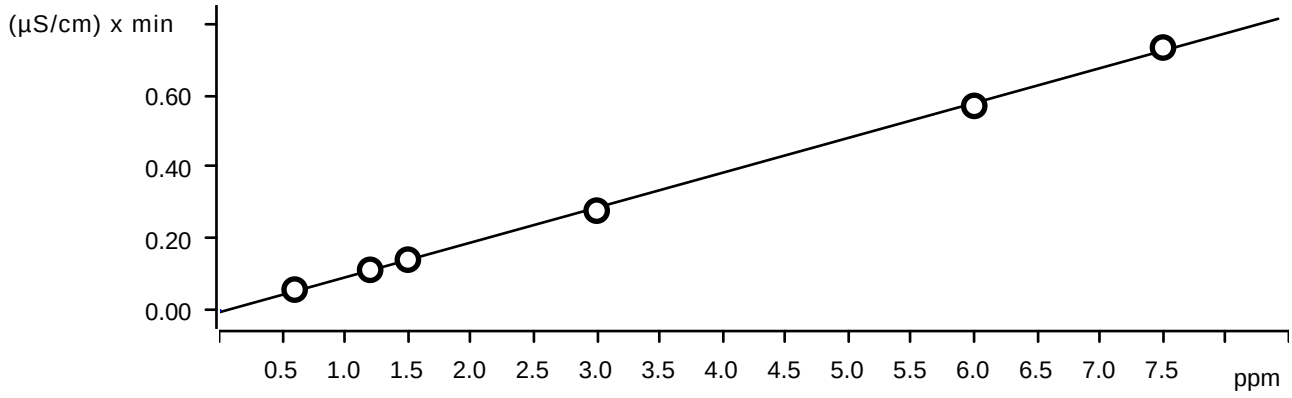
Function: . . . . . *A = - 6.13443E-3 + 0.0144025× Q*

Relative standard deviation . . . . . *2.337762 %*

Correlation coefficient *0.999714*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-04-22 10:37:58 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.056	STD2	2025-04-22 10:59:20 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.110	STD3	2025-04-22 11:20:44 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.136	STD4	2025-04-22 11:42:09 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.273	STD5	2025-04-22 12:03:34 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.579	STD6	2025-04-22 12:25:01 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.710	STD7	2025-04-22 12:46:28 UTC-4	used

Chloride (Anions)

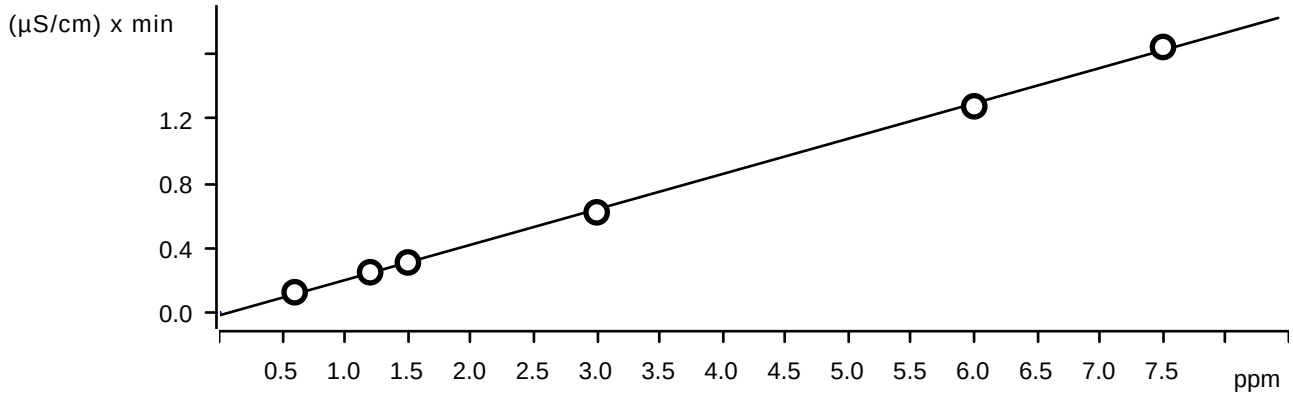


Function: . . . . . *A = - 5.12446E-3 + 9.72422E-3× Q*

Relative standard deviation . . . . . *2.452549 %*
Correlation coefficient *0.999683*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-04-22 10:37:58 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.058	STD2	2025-04-22 10:59:20 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.113	STD3	2025-04-22 11:20:44 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.142	STD4	2025-04-22 11:42:09 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.278	STD5	2025-04-22 12:03:34 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.570	STD6	2025-04-22 12:25:01 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.733	STD7	2025-04-22 12:46:28 UTC-4	used

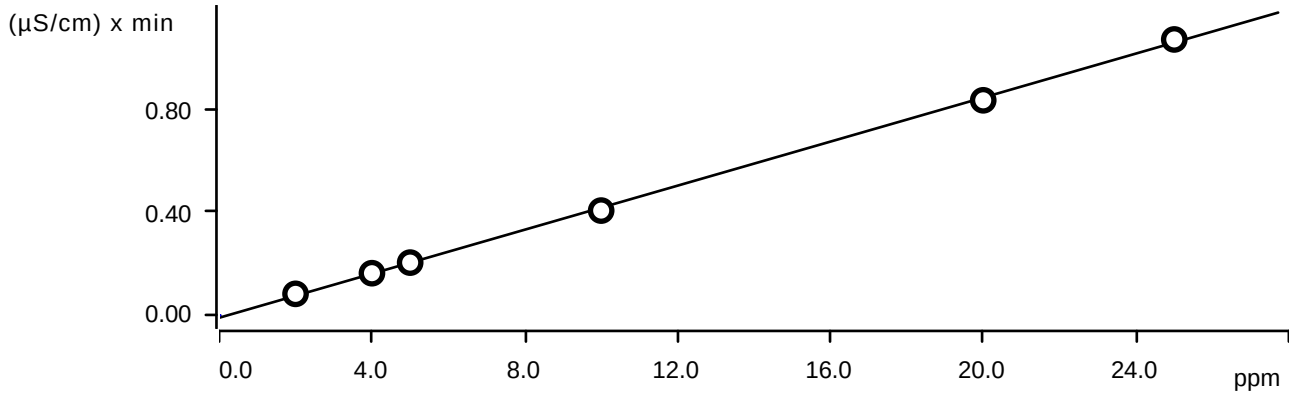
Nitrite (Anions)



Function: . . . . . *A = - 0.0187238 + 0.0219021× Q*
Relative standard deviation . . . . . *2.531721 %*
Correlation coefficient *0.999669*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-04-22 10:37:58 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.125	STD2	2025-04-22 10:59:20 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.249	STD3	2025-04-22 11:20:44 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.309	STD4	2025-04-22 11:42:09 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.620	STD5	2025-04-22 12:03:34 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.277	STD6	2025-04-22 12:25:01 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.644	STD7	2025-04-22 12:46:28 UTC-4	used

Bromide (Anions)



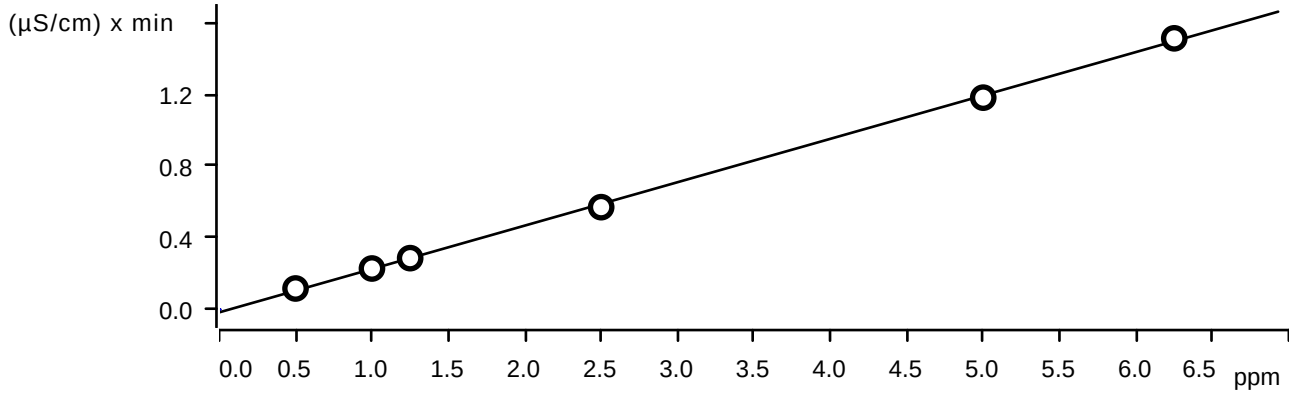
Function: . . . . . *A = - 9.36439E-3 + 4.26318E-3× Q*

Relative standard deviation . . . . . *2.280508 %*

Correlation coefficient *0.999728*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-04-22 10:37:58 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.083	STD2	2025-04-22 10:59:20 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.163	STD3	2025-04-22 11:20:44 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.204	STD4	2025-04-22 11:42:09 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.406	STD5	2025-04-22 12:03:34 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.833	STD6	2025-04-22 12:25:01 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.068	STD7	2025-04-22 12:46:28 UTC-4	used

Nitrate (Anions)



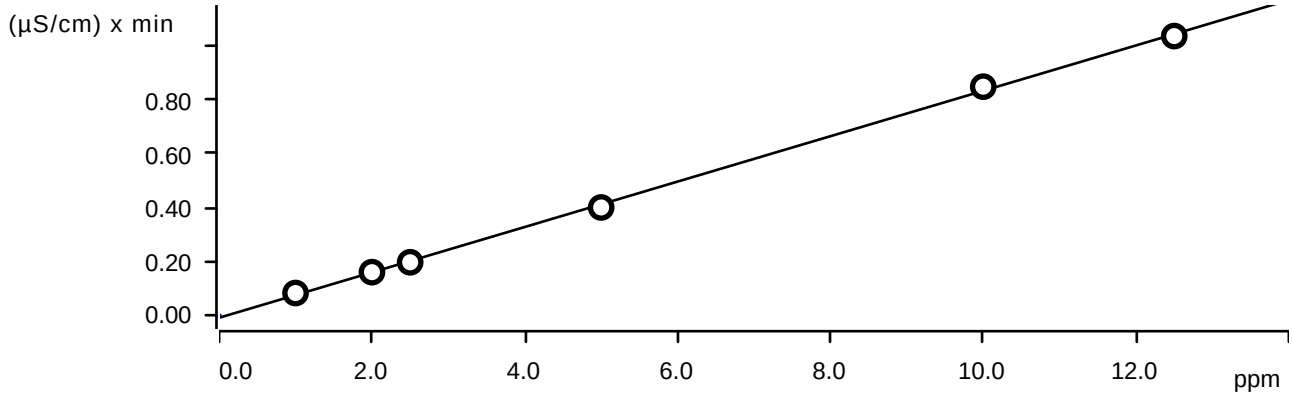
Function: . . . . . *A = - 0.0163950 + 0.0241967× Q*

Relative standard deviation . . . . . *2.309177 %*

Correlation coefficient *0.999724*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-04-22 10:37:58 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.117	STD2	2025-04-22 10:59:20 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.228	STD3	2025-04-22 11:20:44 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.286	STD4	2025-04-22 11:42:09 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.570	STD5	2025-04-22 12:03:34 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.181	STD6	2025-04-22 12:25:01 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.512	STD7	2025-04-22 12:46:28 UTC-4	used

Phosphate (Anions)



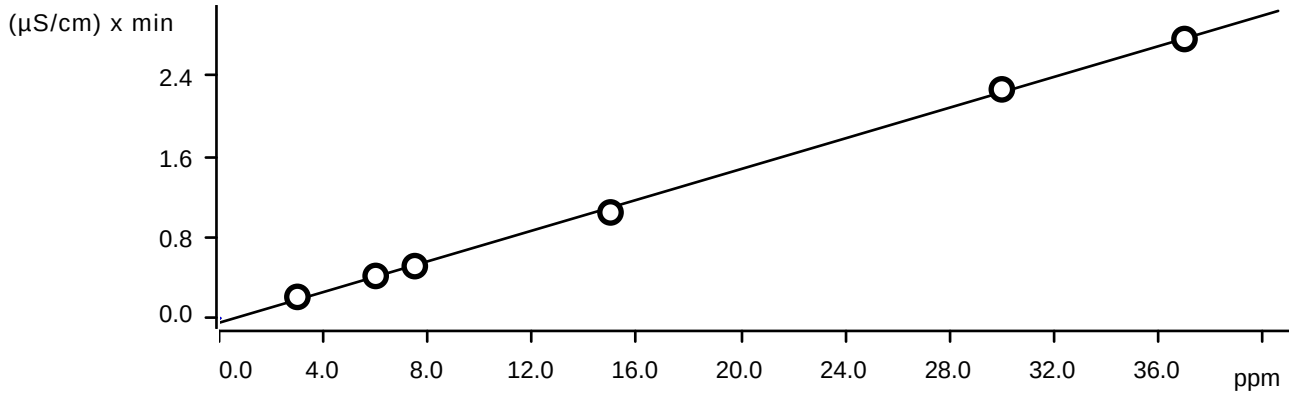
Function: . . . . . *A = - 9.96993E-3 + 8.43655E-3× Q*

Relative standard deviation . . . . . *2.492252 %*

Correlation coefficient *0.999676*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-04-22 10:37:58 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.082	STD2	2025-04-22 10:59:20 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.160	STD3	2025-04-22 11:20:44 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.196	STD4	2025-04-22 11:42:09 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.400	STD5	2025-04-22 12:03:34 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.849	STD6	2025-04-22 12:25:01 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.037	STD7	2025-04-22 12:46:28 UTC-4	used

Sulfate (Anions)



Function: . . . . . *A = - 0.0453007 + 7.61540E-3× Q*

Relative standard deviation . . . . . *2.675209 %*

Correlation coefficient *0.999634*

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

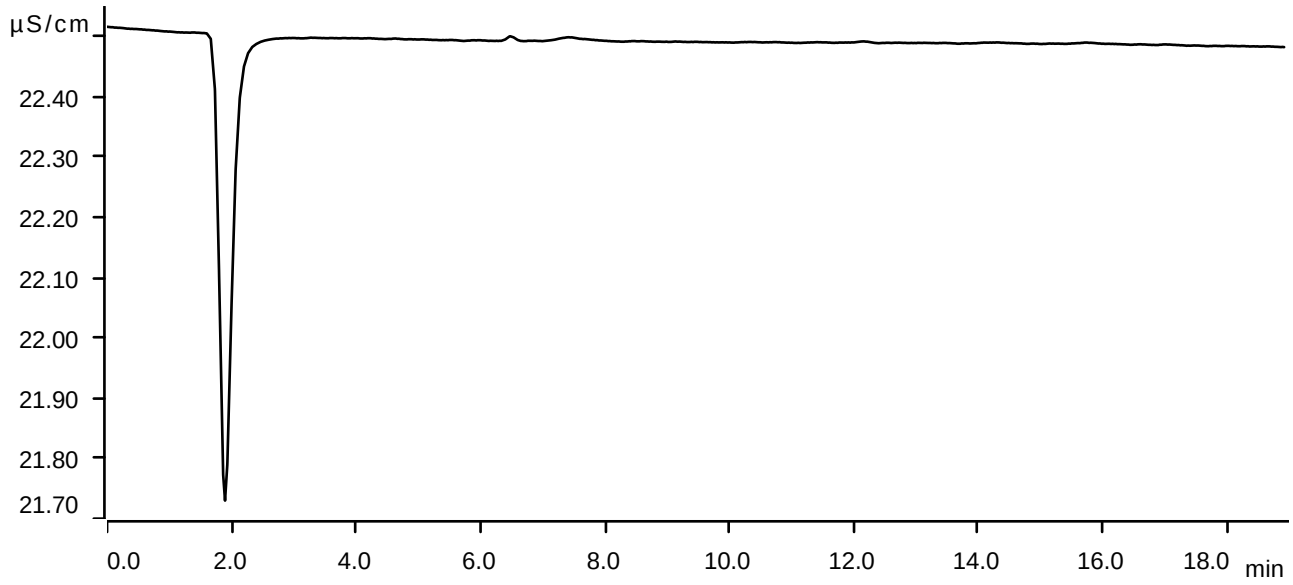
Sample data

Ident	STD1	
Sample type	Standard 1	
Determination start	2025-04-22 10:37:58 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.32	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



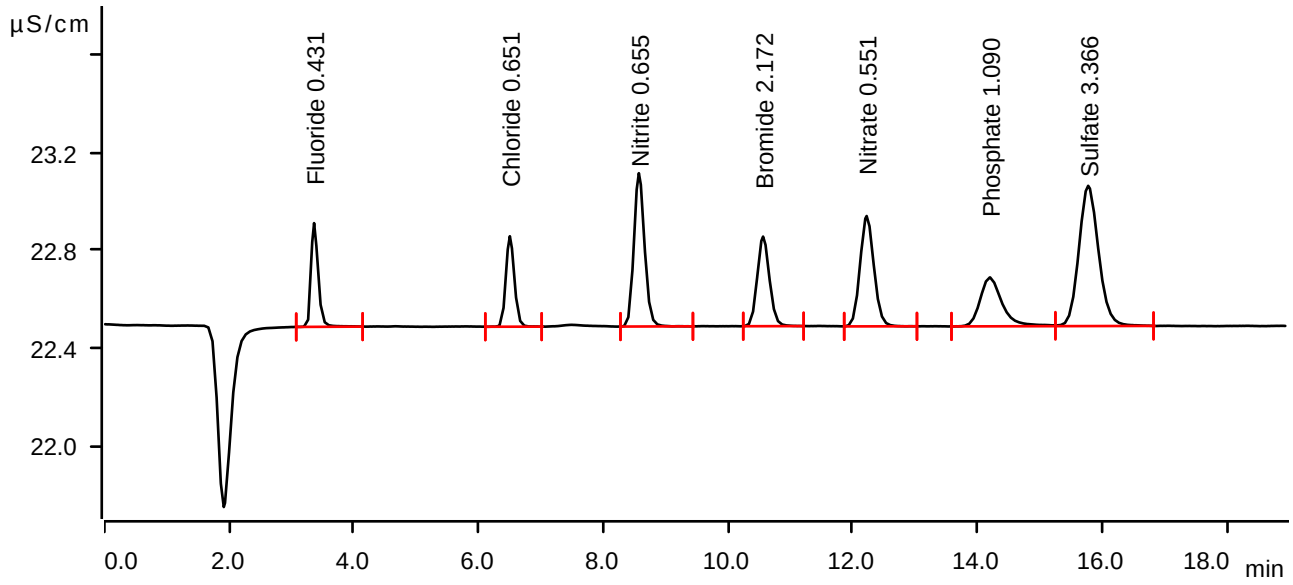
Sample data

Ident	STD2	
Sample type	Standard 2	
Determination start	2025-04-22 10:59:20 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.26	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.363	0.0560	0.425	0.431	Fluoride
2	6.502	0.0581	0.371	0.651	Chloride
3	8.570	0.1247	0.628	0.655	Nitrite
4	10.562	0.0832	0.367	2.172	Bromide
5	12.222	0.1168	0.452	0.551	Nitrate
6	14.197	0.0820	0.201	1.090	Phosphate
7	15.773	0.2111	0.575	3.366	Sulfate

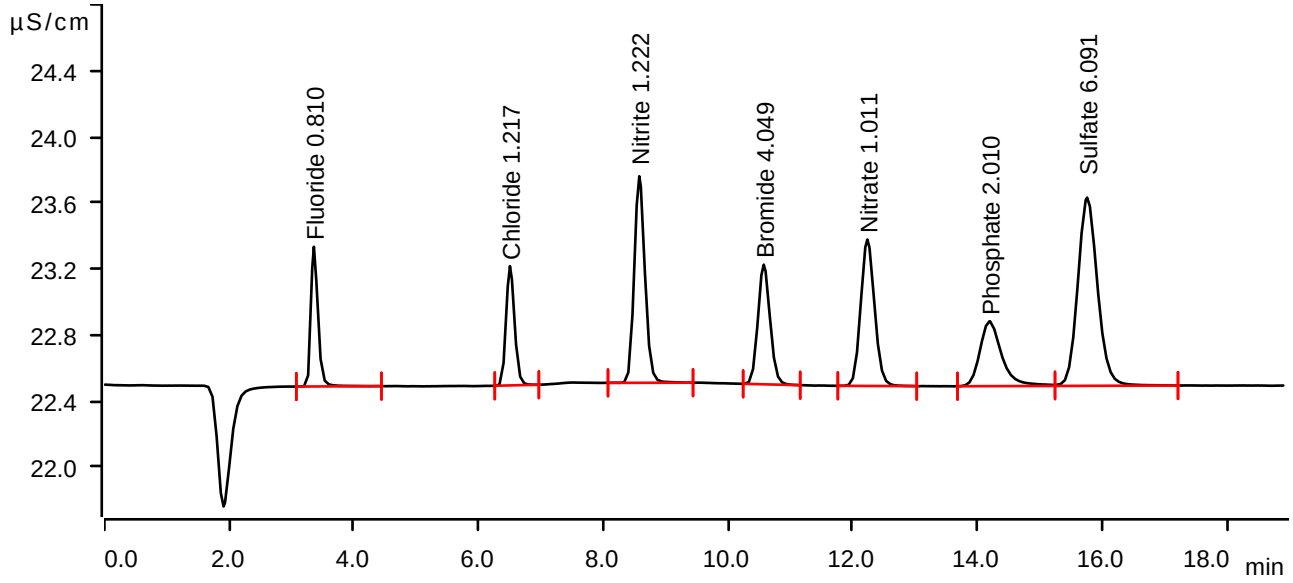
Sample data

Ident	STD3	
Sample type	Standard 3	
Determination start	2025-04-22 11:20:44 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.43	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



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

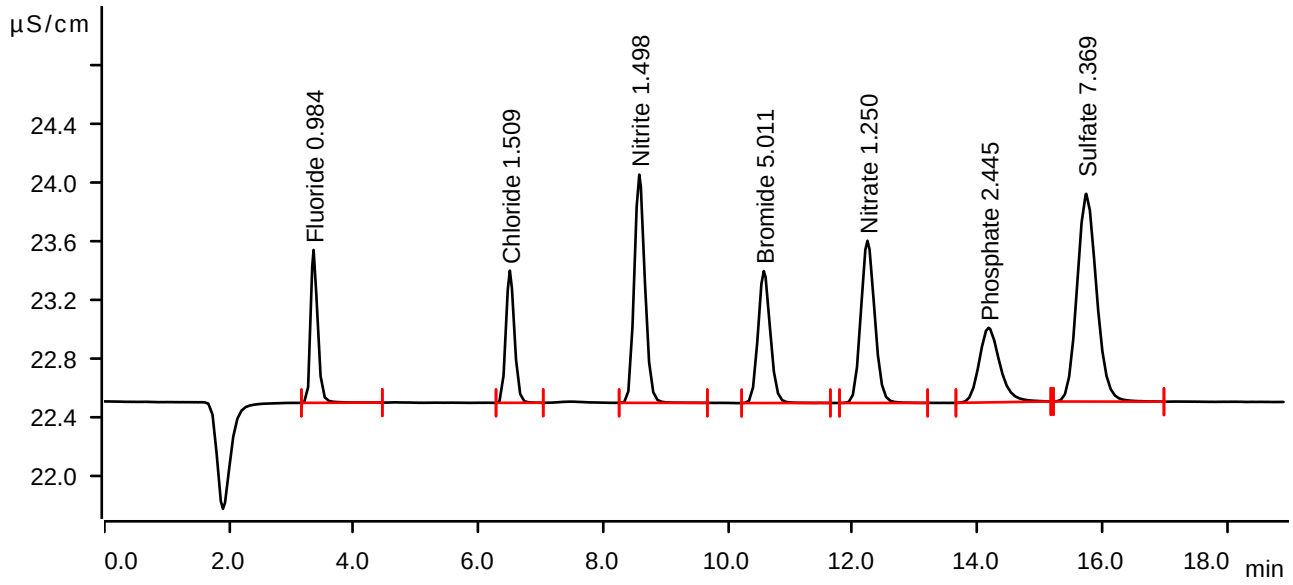
Sample data

Ident	STD4	
Sample type	Standard 4	
Determination start	2025-04-22 11:42:09 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.43	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.355	0.1356	1.044	0.984	Fluoride
2	6.502	0.1416	0.903	1.509	Chloride
3	8.577	0.3094	1.559	1.498	Nitrite
4	10.573	0.2043	0.902	5.011	Bromide
5	12.235	0.2860	1.108	1.250	Nitrate
6	14.177	0.1963	0.510	2.445	Phosphate
7	15.743	0.5159	1.419	7.369	Sulfate

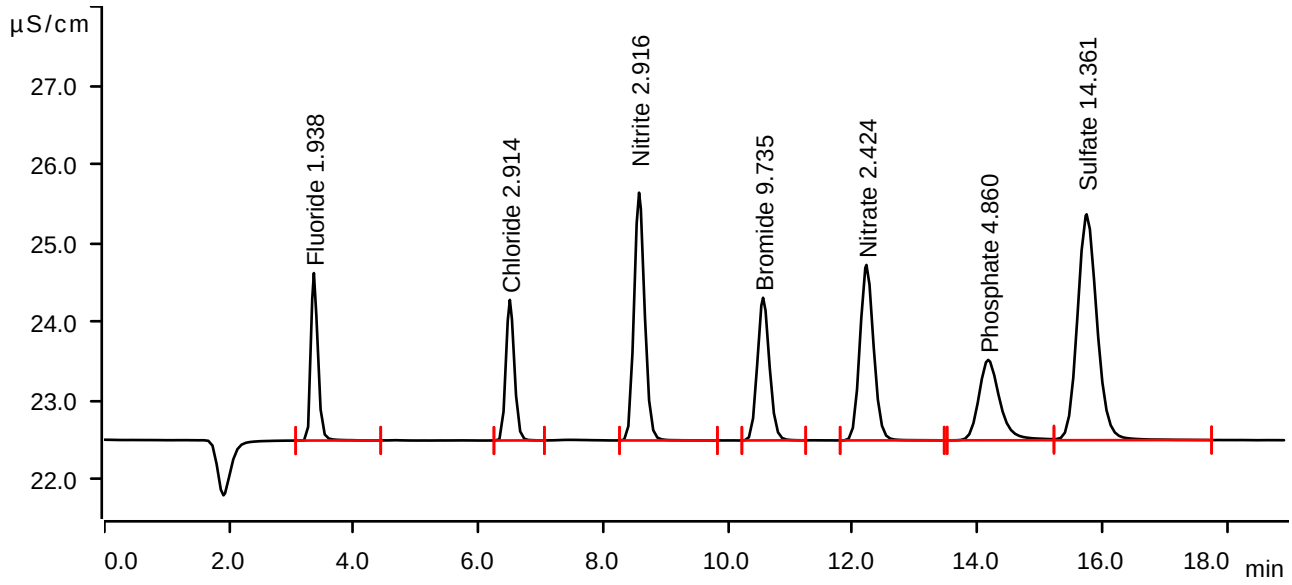
Sample data

Ident	STD5	
Sample type	Standard 5	
Determination start	2025-04-22 12:03:34 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.49	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.360	0.2730	2.125	1.938	Fluoride
2	6.502	0.2783	1.784	2.914	Chloride
3	8.573	0.6200	3.144	2.916	Nitrite
4	10.562	0.4057	1.810	9.735	Bromide
5	12.218	0.5702	2.226	2.424	Nitrate
6	14.170	0.4000	1.020	4.860	Phosphate
7	15.748	1.0484	2.866	14.361	Sulfate

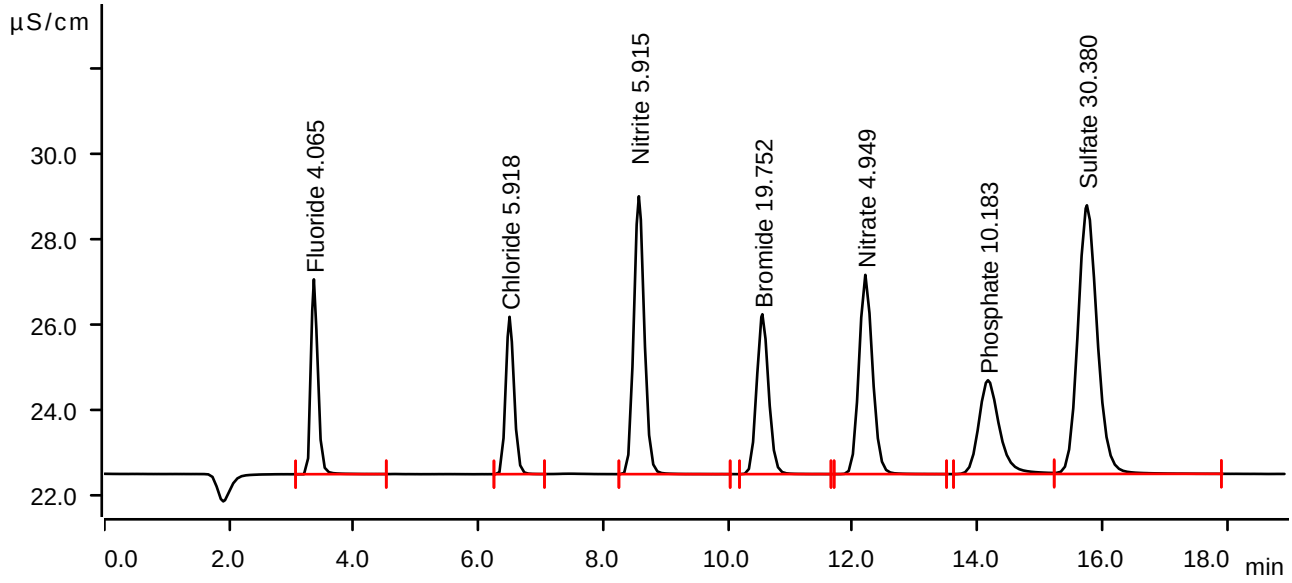
Sample data

Ident	STD6	
Sample type	Standard 6	
Determination start	2025-04-22 12:25:01 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.49	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.360	0.5793	4.564	4.065	Fluoride
2	6.497	0.5704	3.686	5.918	Chloride
3	8.570	1.2768	6.510	5.915	Nitrite
4	10.550	0.8327	3.746	19.752	Bromide
5	12.202	1.1810	4.667	4.949	Nitrate
6	14.167	0.8491	2.199	10.183	Phosphate
7	15.753	2.2683	6.294	30.380	Sulfate

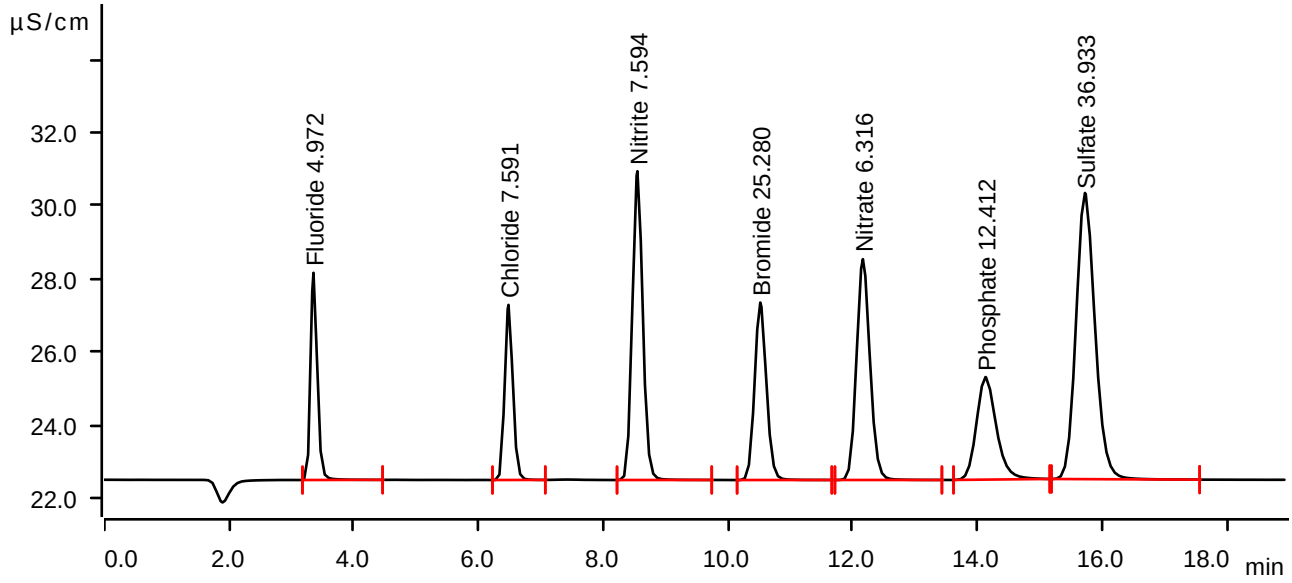
Sample data

Ident	STD7	
Sample type	Standard 7	
Determination start	2025-04-22 12:46:28 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.43	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.353	0.7100	5.662	4.972	Fluoride
2	6.480	0.7331	4.785	7.591	Chloride
3	8.547	1.6445	8.440	7.594	Nitrite
4	10.517	1.0684	4.850	25.280	Bromide
5	12.162	1.5118	6.035	6.316	Nitrate
6	14.127	1.0372	2.803	12.412	Phosphate
7	15.722	2.7673	7.822	36.933	Sulfate

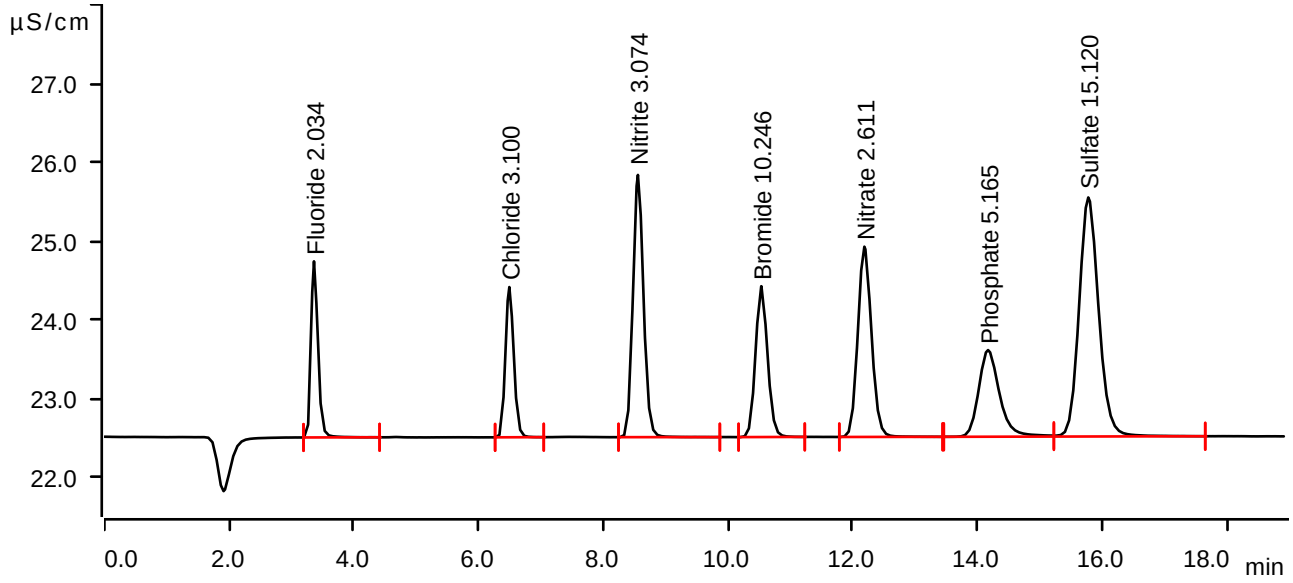
Sample data

Ident	ICV	
Sample type	Check standard 1	
Determination start	2025-04-22 13:07:56 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.60	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.362	0.2867	2.234	2.034	Fluoride
2	6.493	0.2963	1.906	3.100	Chloride
3	8.555	0.6546	3.328	3.074	Nitrite
4	10.532	0.4274	1.914	10.246	Bromide
5	12.185	0.6154	2.414	2.611	Nitrate
6	14.168	0.4257	1.100	5.165	Phosphate
7	15.775	1.1062	3.034	15.120	Sulfate

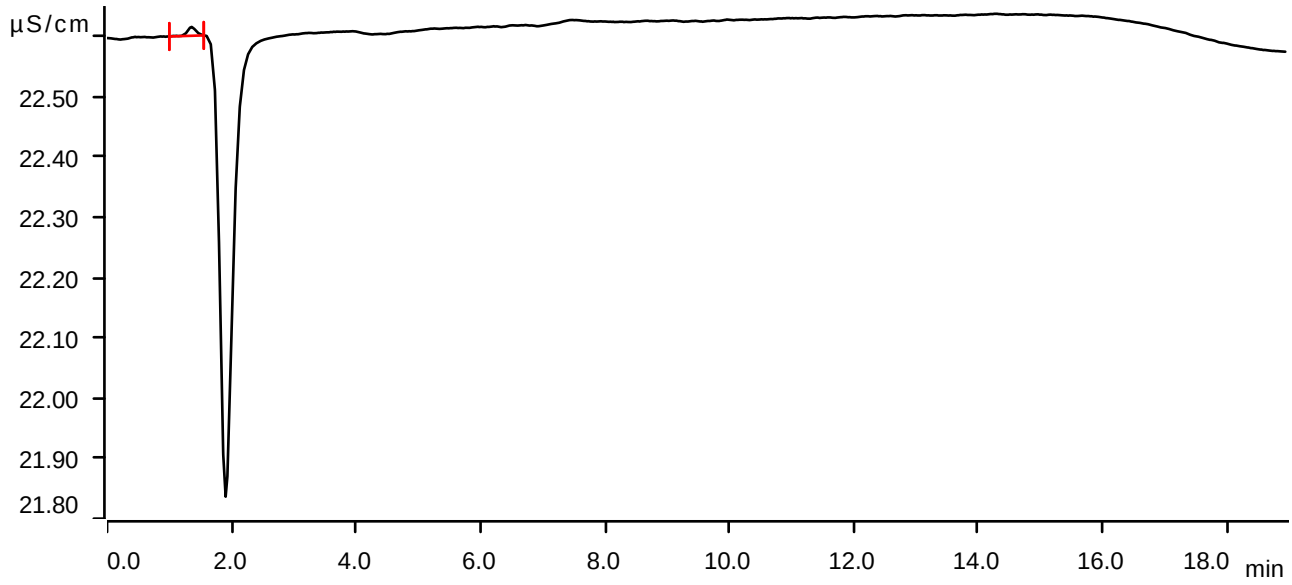
Sample data

Ident	ICB
Sample type	Sample
Determination start	2025-04-22 13:58:31 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.32	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.362	0.0024	0.015	invalid	

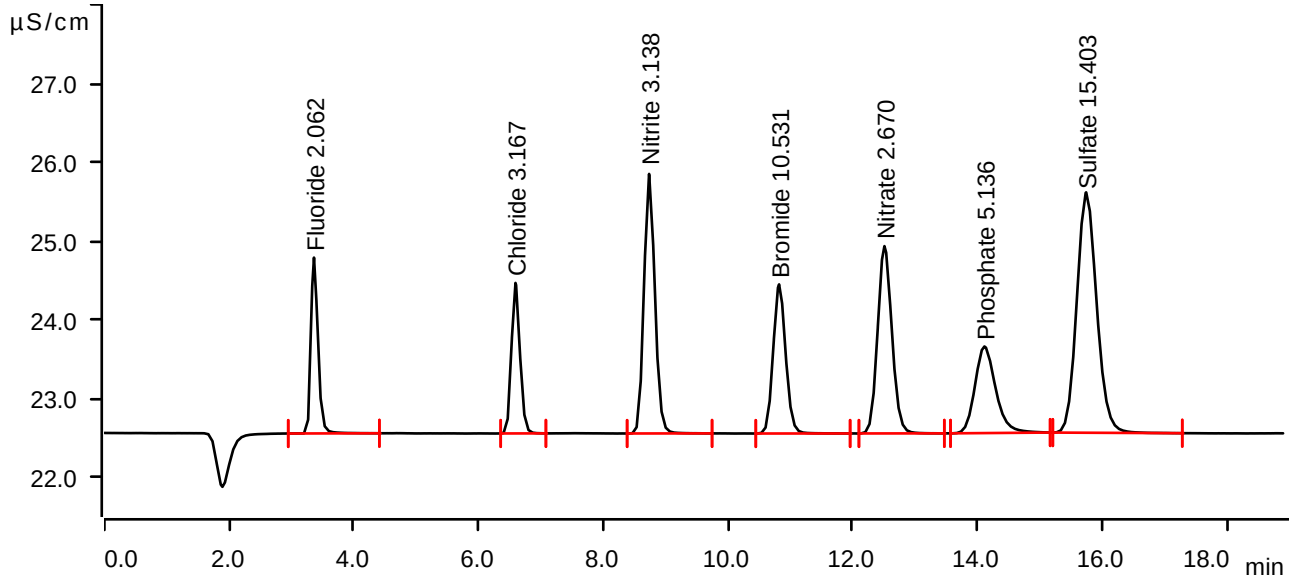
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-04-28 11:44:51 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	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	3.362	0.2908	2.231	2.062	Fluoride
2	6.592	0.3029	1.910	3.167	Chloride
3	8.735	0.6685	3.293	3.138	Nitrite
4	10.818	0.4396	1.893	10.531	Bromide
5	12.507	0.6296	2.377	2.670	Nitrate
6	14.110	0.4234	1.099	5.136	Phosphate
7	15.742	1.1277	3.050	15.403	Sulfate

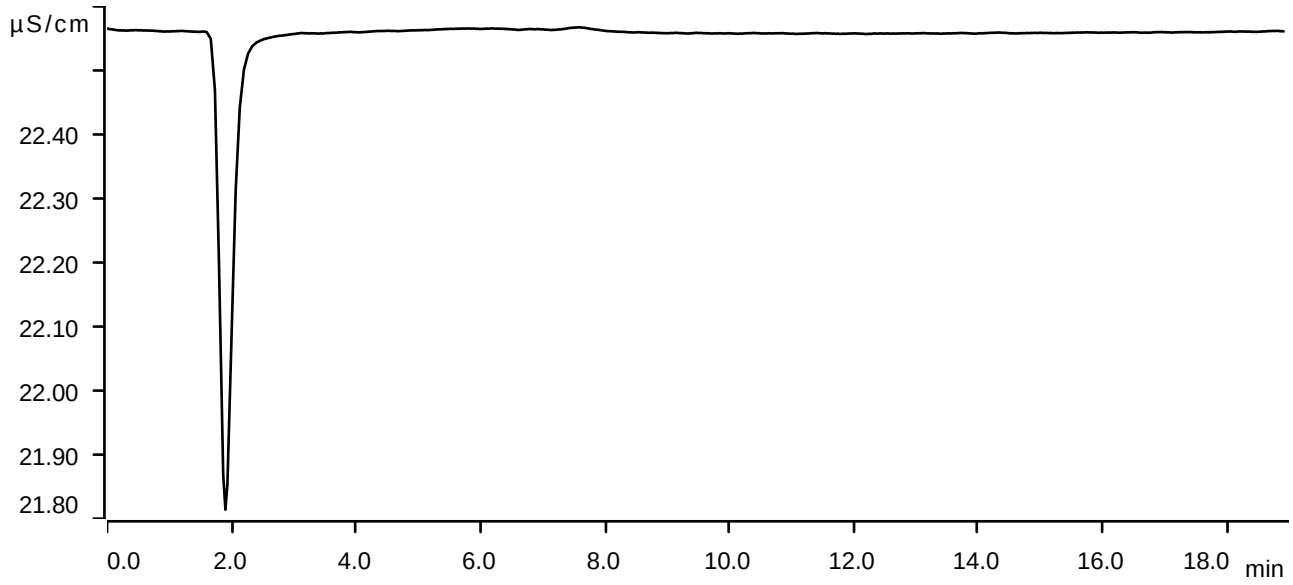
Sample data

Ident	CCB	
Sample type	Sample	
Determination start	2025-04-28 12:06:22 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	12.27	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



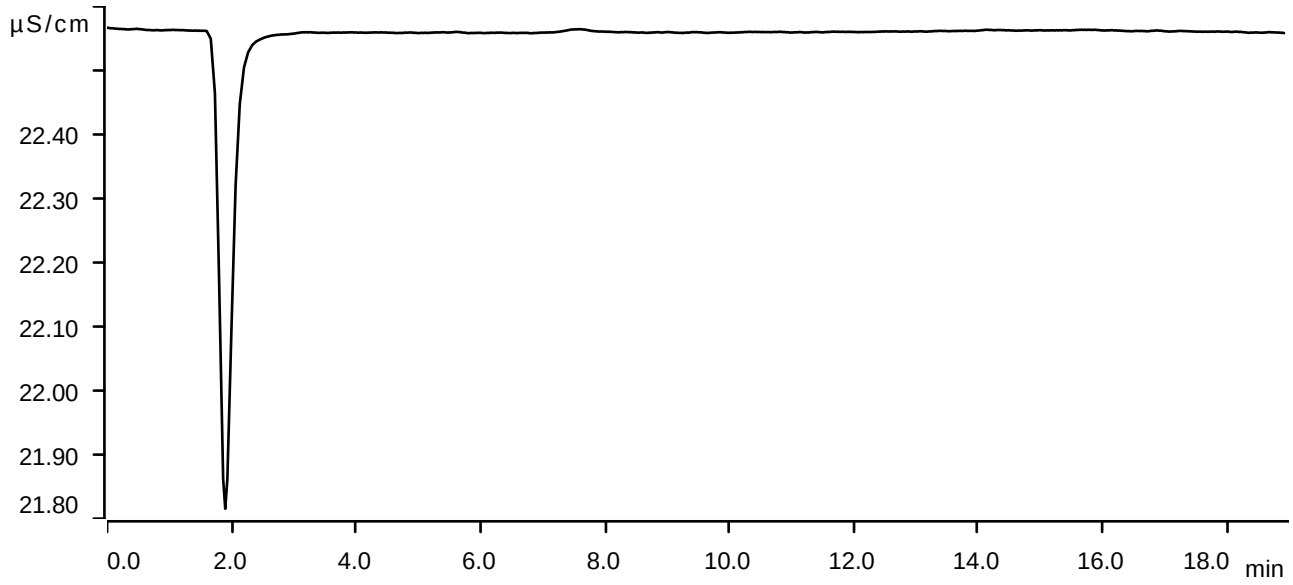
Sample data

Ident	LB135573BLS
Sample type	Sample
Determination start	2025-04-28 12:27:52 UTC-4
Method	IC1-042225
Operator	

Anions

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

Anions



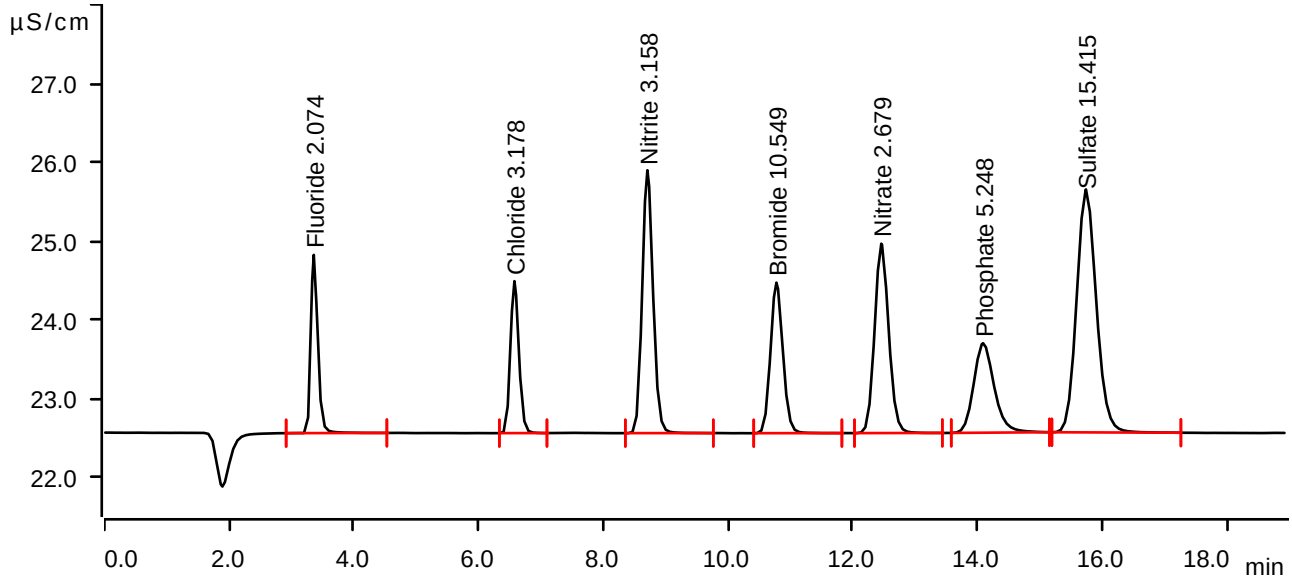
Sample data

Ident	LB135573BSS
Sample type	Check standard 1
Determination start	2025-04-28 12:49:23 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	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	3.358	0.2926	2.261	2.074	Fluoride
2	6.575	0.3039	1.928	3.178	Chloride
3	8.707	0.6728	3.336	3.158	Nitrite
4	10.775	0.4404	1.910	10.549	Bromide
5	12.457	0.6318	2.404	2.679	Nitrate
6	14.088	0.4328	1.136	5.248	Phosphate
7	15.738	1.1286	3.083	15.415	Sulfate

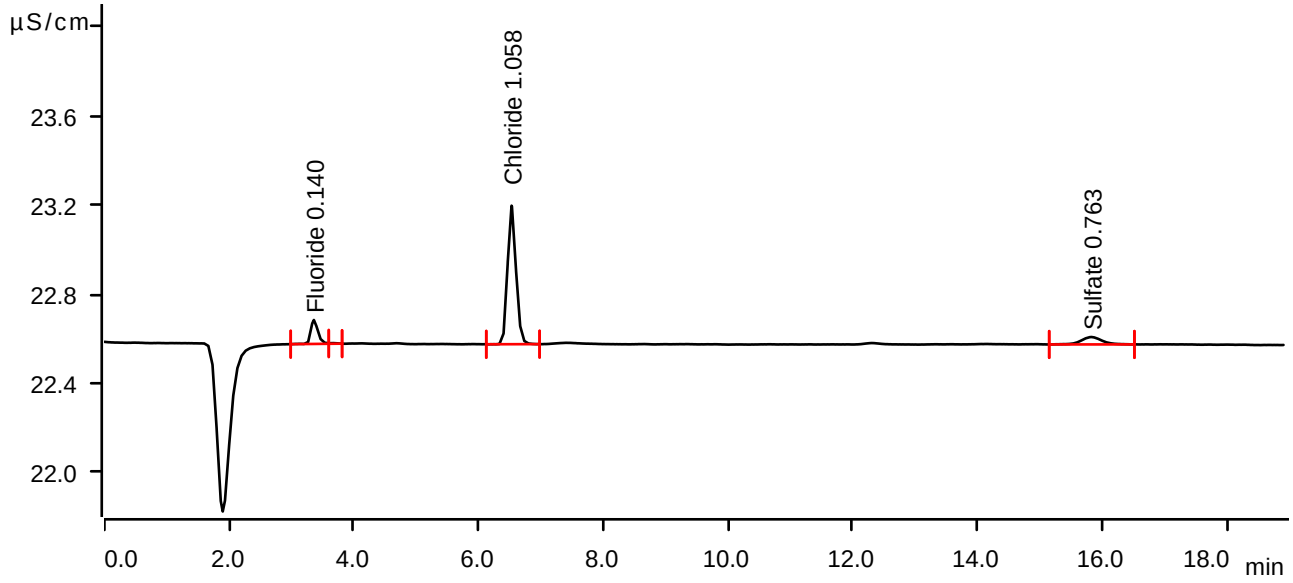
Sample data

Ident	Q1889-01
Sample type	Sample
Determination start	2025-04-28 16:03:05 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.60	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.360	0.0141	0.107	0.140	Fluoride
2	3.628	0.0004	0.003	invalid	
3	6.528	0.0978	0.622	1.058	Chloride
4	15.827	0.0128	0.033	0.763	Sulfate

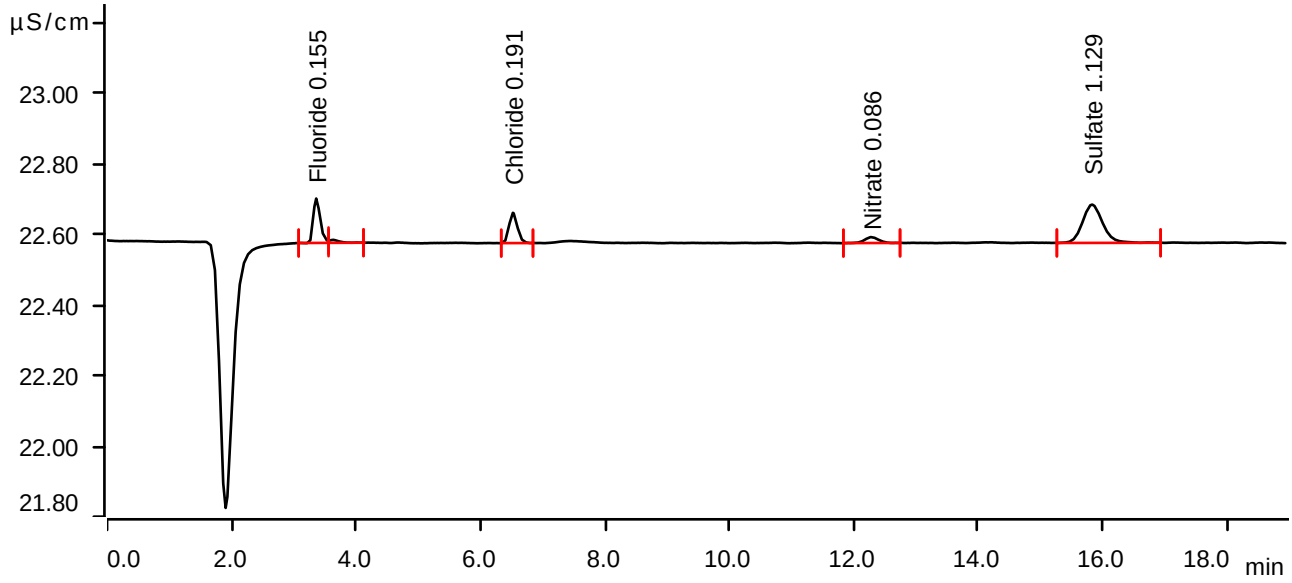
Sample data

Ident	Q1889-02
Sample type	Sample
Determination start	2025-04-28 16:24:39 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.66	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.362	0.0162	0.126	0.155	Fluoride
2	3.637	0.0015	0.008	invalid	
3	6.523	0.0134	0.086	0.191	Chloride
4	12.278	0.0043	0.017	0.086	Nitrate
5	15.832	0.0407	0.108	1.129	Sulfate

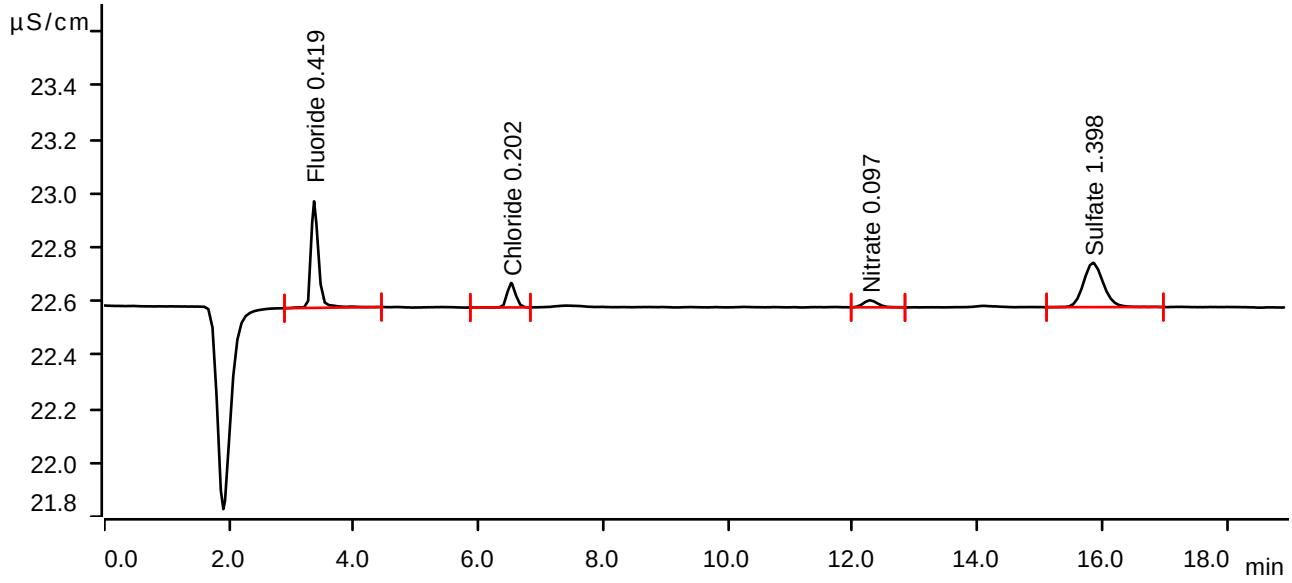
Sample data

Ident	Q1889-03
Sample type	Sample
Determination start	2025-04-28 16:46:13 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.60	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.363	0.0542	0.395	0.419	Fluoride
2	6.522	0.0145	0.091	0.202	Chloride
3	12.272	0.0071	0.026	0.097	Nitrate
4	15.850	0.0611	0.164	1.398	Sulfate

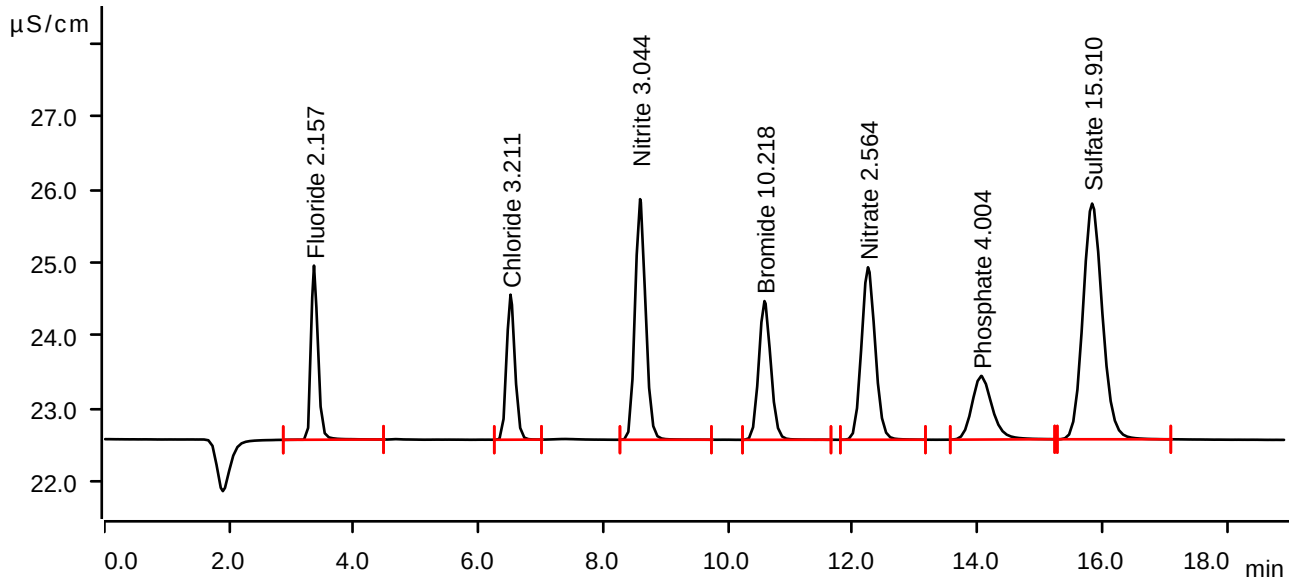
Sample data

Ident	Q1889-03MS
Sample type	Sample
Determination start	2025-04-28 17:07:47 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.49	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.362	0.3045	2.379	2.157	Fluoride
2	6.512	0.3071	1.982	3.211	Chloride
3	8.590	0.6480	3.288	3.044	Nitrite
4	10.583	0.4262	1.896	10.218	Bromide
5	12.243	0.6041	2.357	2.564	Nitrate
6	14.058	0.3279	0.870	4.004	Phosphate
7	15.837	1.1663	3.221	15.910	Sulfate

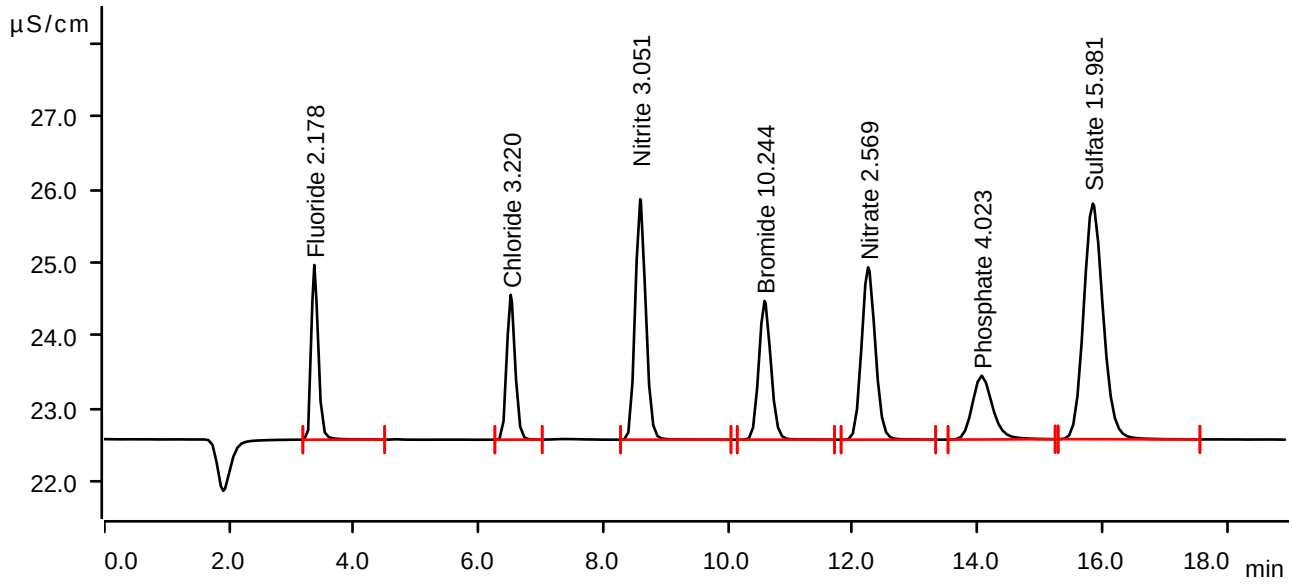
Sample data

Ident	Q1889-03MSD
Sample type	Sample
Determination start	2025-04-28 17:29:09 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.54	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	3.367	0.3076	2.387	2.178	Fluoride
2	6.515	0.3080	1.979	3.220	Chloride
3	8.592	0.6495	3.287	3.051	Nitrite
4	10.585	0.4273	1.896	10.244	Bromide
5	12.245	0.6052	2.356	2.569	Nitrate
6	14.065	0.3295	0.872	4.023	Phosphate
7	15.848	1.1717	3.221	15.981	Sulfate

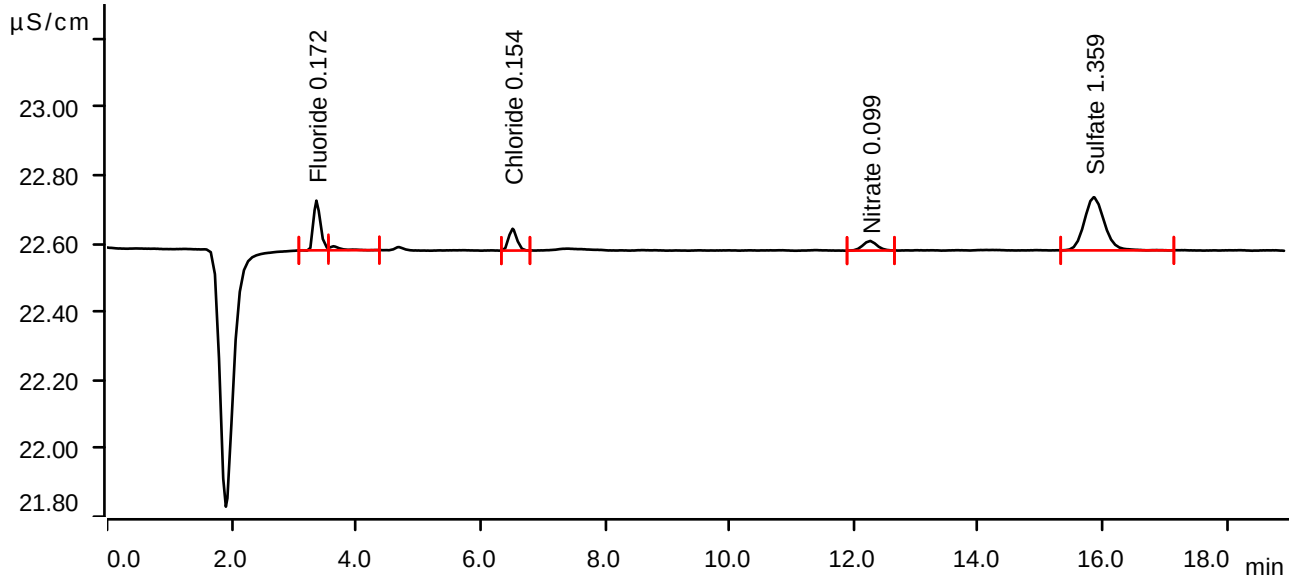
Sample data

Ident	Q1903-01
Sample type	Sample
Determination start	2025-04-28 18:33:41 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.60	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.365	0.0187	0.146	0.172	Fluoride
2	3.643	0.0024	0.012	invalid	
3	6.517	0.0098	0.064	0.154	Chloride
4	12.263	0.0075	0.028	0.099	Nitrate
5	15.855	0.0582	0.156	1.359	Sulfate

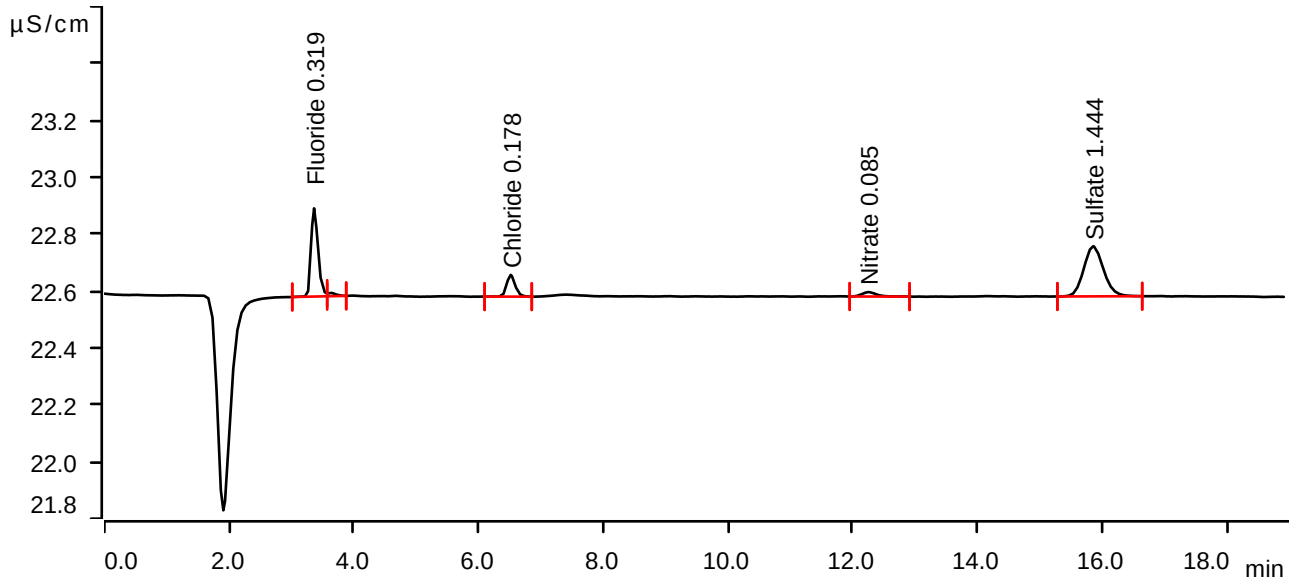
Sample data

Ident	Q1903-02
Sample type	Sample
Determination start	2025-04-28 18:55:08 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.66	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.363	0.0399	0.310	0.319	Fluoride
2	3.637	0.0017	0.011	invalid	
3	6.515	0.0122	0.076	0.178	Chloride
4	12.267	0.0042	0.015	0.085	Nitrate
5	15.853	0.0647	0.176	1.444	Sulfate

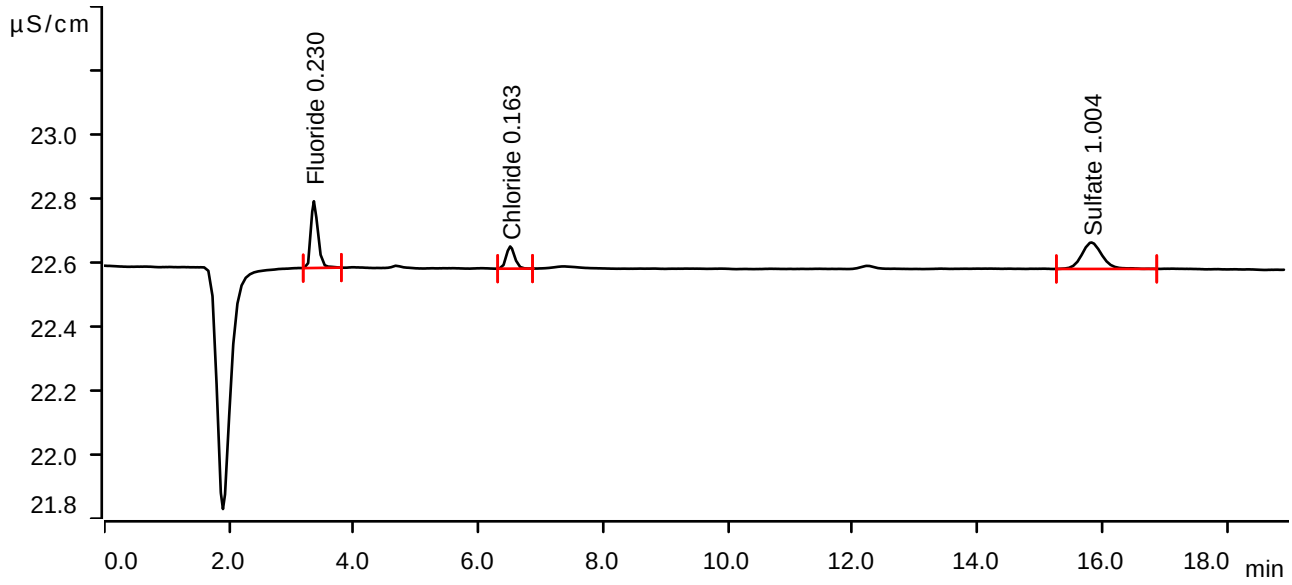
Sample data

Ident	Q1903-03
Sample type	Sample
Determination start	2025-04-28 19:16:35 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.66	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.360	0.0270	0.208	0.230	Fluoride
2	6.507	0.0108	0.069	0.163	Chloride
3	15.828	0.0312	0.083	1.004	Sulfate

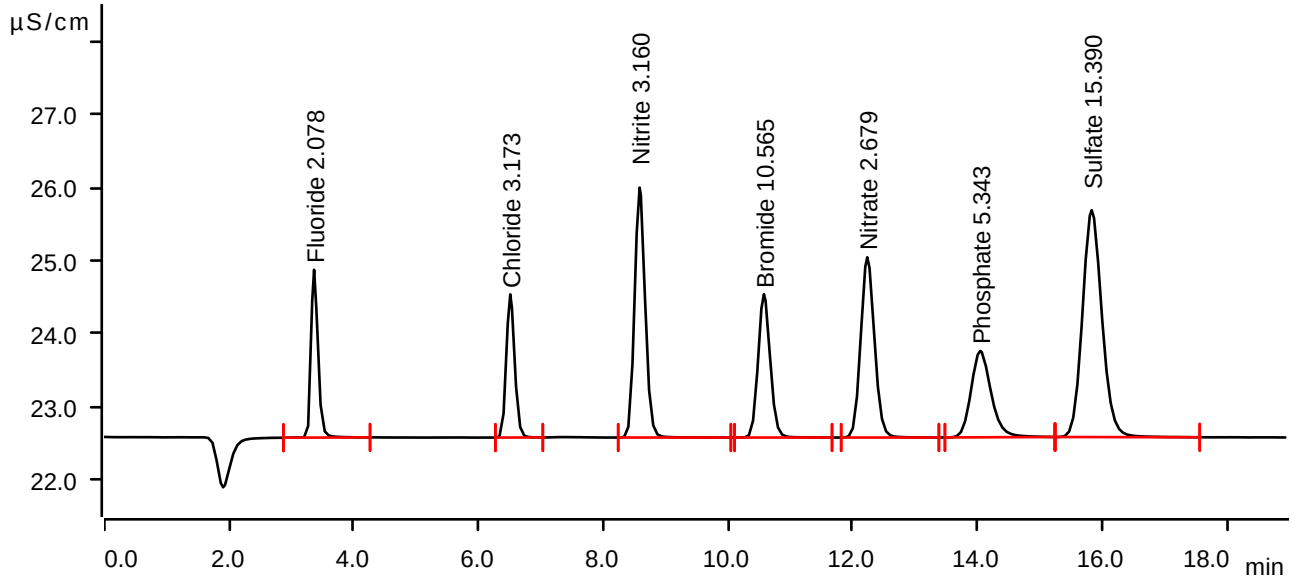
Sample data

Ident	CCV
Sample type	Check standard 1
Determination start	2025-04-28 19:38:00 UTC-4
Method	IC1-042225
Operator	

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.82	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	3.363	0.2931	2.293	2.078	Fluoride
2	6.508	0.3034	1.956	3.173	Chloride
3	8.583	0.6734	3.415	3.160	Nitrite
4	10.575	0.4410	1.958	10.565	Bromide
5	12.232	0.6319	2.463	2.679	Nitrate
6	14.043	0.4408	1.180	5.343	Phosphate
7	15.830	1.1267	3.100	15.390	Sulfate

Sample data

Ident	CCB	
Sample type	Sample	
Determination start	2025-04-28 19:59:30 UTC-4	
Method	IC1-042225	
Operator		

Anions

Data source	Conductivity detector 1 (Eco IC 1)	
Channel	Conductivity	
Recording time	19.0	min
Integration	Automatically	
Column type	Metrosep A Supp 19 - 150/4.0	
Eluent composition	not defined	
Flow	0.700	mL/min
Maximum flow monitored	yes	
Pressure	11.54	MPa
Maximum pressure monitored	yes	
Temperature	-----	°C

Anions