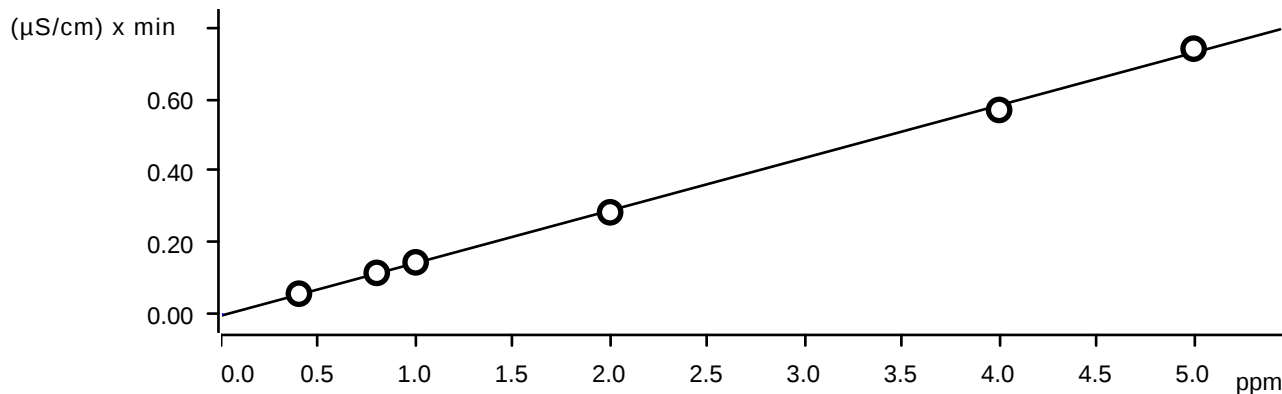


Ident	Instrument IC-1			Analyst: RM		Method: 300.0 / 9056A		Initial wt Analyst		
	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4			
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/3/2025 15:58	10 RM/IZ
STD2	0.417	0.655	0.659	2.182	0.549	0.953	3.345	IC1-110325	11/3/2025 16:22	10 RM/IZ
STD3	0.813	1.228	1.228	4.086	1.024	2.097	6.147	IC1-110325	11/3/2025 17:04	10 RM/IZ
STD4	1.014	1.491	1.496	4.984	1.245	2.506	7.444	IC1-110325	11/3/2025 17:47	10 RM/IZ
STD5	1.966	2.918	2.907	9.724	2.426	5.166	14.580	IC1-110325	11/3/2025 18:08	10 RM/IZ
STD6	3.912	5.914	5.907	19.694	4.918	9.286	29.234	IC1-110325	11/3/2025 18:30	10 RM/IZ
STD7	5.078	7.595	7.603	25.330	6.339	12.992	37.751	IC1-110325	11/3/2025 18:51	10 RM/IZ
ICV	1.960	2.885	2.908	9.698	2.364	5.176	14.547	IC1-110325	11/3/2025 19:13	10 RM/IZ
ICB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/3/2025 19:34	10 RM/IZ
CCV	2.065	3.087	3.067	10.263	2.555	5.276	15.199	IC1-110325	11/7/2025 15:28	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 15:49	10 RM/IZ
LB137833BLW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 16:11	10 RM/IZ
LB137833BSW	2.112	3.165	3.137	10.502	2.600	5.384	15.556	IC1-110325	11/7/2025 16:32	10 RM/IZ
Q3584-01	0.152	1077.391	0.121	2.438	1.775	0.170	124.189	IC1-110325	11/7/2025 18:18	10 RM/IZ
Q3584-02	0.683	0.000	0.141	25.747	1.006	0.000	1423.211	IC1-110325	11/7/2025 18:40	10 RM/IZ
Q3584-02MS	2.588	0.000	3.097	35.208	3.429	4.912	1371.355	IC1-110325	11/7/2025 19:01	10 RM/IZ
Q3584-02MSD	2.607	0.000	3.063	35.078	3.394	5.224	1371.388	IC1-110325	11/7/2025 19:23	10 RM/IZ
Q3584-03	0.523	0.000	0.138	21.566	1.113	0.077	1191.101	IC1-110325	11/7/2025 19:45	10 RM/IZ
Q3584-04	0.000	0.144	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 20:06	10 RM/IZ
Q3584-07	0.373	402.831	0.599	1.671	4.356	0.000	3.028	IC1-110325	11/7/2025 20:28	10 RM/IZ
CCV	1.969	3.005	2.989	10.059	2.486	4.852	14.791	IC1-110325	11/7/2025 20:49	10 RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 21:11	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	0.0000 IC1-110325	11/3/2025 15:58	10	RM/IZ
STD2	0.4170	0.6550	0.6590	2.1820	0.5490	0.9530	3.3450	IC1-110325	11/3/2025 16:22	10	RM/IZ
STD3	0.8130	1.2280	1.2280	4.0860	1.0240	2.0970	6.1470	IC1-110325	11/3/2025 17:04	10	RM/IZ
STD4	1.0140	1.4910	1.4960	4.9840	1.2450	2.5060	7.4440	IC1-110325	11/3/2025 17:47	10	RM/IZ
STD5	1.9660	2.9180	2.9070	9.7240	2.4260	5.1660	14.5800	IC1-110325	11/3/2025 18:08	10	RM/IZ
STD6	3.9120	5.9140	5.9070	19.6940	4.9180	9.2860	29.2340	IC1-110325	11/3/2025 18:30	10	RM/IZ
STD7	5.0780	7.5950	7.6030	25.3300	6.3390	12.9920	37.7510	IC1-110325	11/3/2025 18:51	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	4.2500	9.1667	9.8333	9.1000	9.8000	-4.7000	11.5000				
STD2	1.6250	2.3333	2.3333	2.1500	2.4000	4.8500	2.4500				
STD3	1.4000	-0.6000	-0.2667	-0.3200	-0.4000	0.2400	-0.7467				
STD4	-1.7000	-2.7333	-3.1000	-2.7600	-2.9600	3.3200	-2.8000				
STD5	-2.2000	-1.4333	-1.5500	-1.5300	-1.6400	-7.1400	-2.5533				
STD6	1.5600	1.2667	1.3733	1.3200	1.4240	3.9360	2.0297				

Fluoride (Anions)



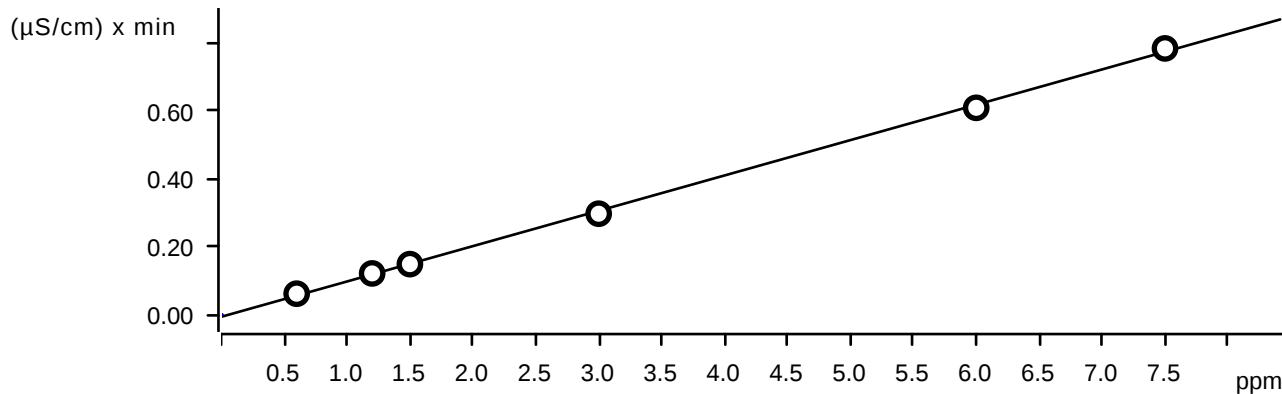
Function: $A = -3.63197E-3 + 0.0146595 \times Q$

Relative standard deviation 2.880512 %

Correlation coefficient 0.999558

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.400	10.0	1.0	1.0	0.058	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	0.800	10.0	1.0	1.0	0.116	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.000	10.0	1.0	1.0	0.145	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	2.000	10.0	1.0	1.0	0.285	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	4.000	10.0	1.0	1.0	0.570	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	5.000	10.0	1.0	1.0	0.741	STD7	2025-11-03 18:51:52 UTC-5	used

Chloride (Anions)



Function: $A = -7.14286E-3 + 0.0104011 \times Q$

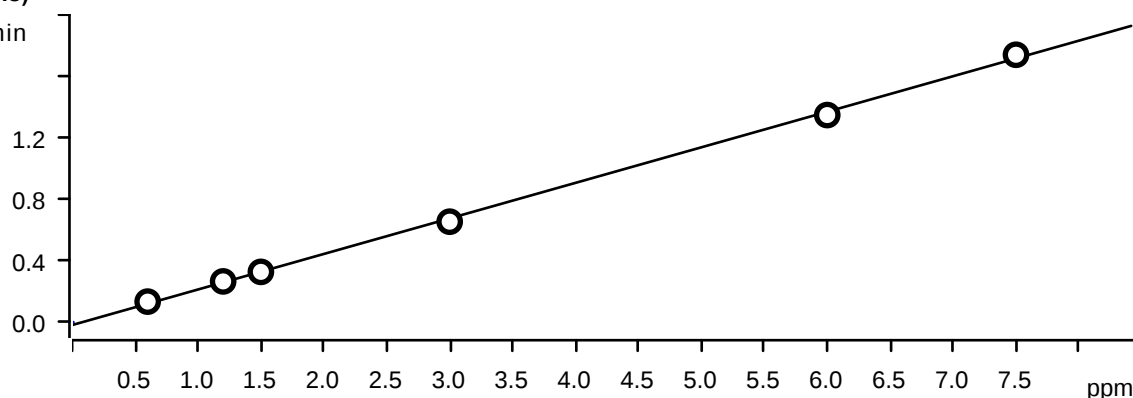
Relative standard deviation 2.544562 %

Correlation coefficient 0.999662

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.600	10.0	1.0	1.0	0.061	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.121	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.148	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.296	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	0.608	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	0.783	STD7	2025-11-03 18:51:52 UTC-5	used

Nitrite (Anions)

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



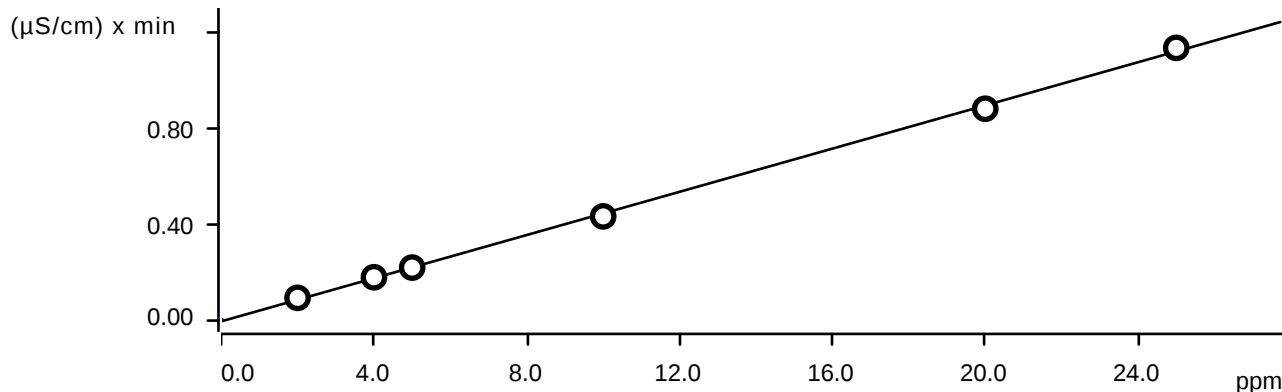
Function: $A = -0.0188106 + 0.0231263 \times Q$

Relative standard deviation 2.785229 %

Correlation coefficient 0.999598

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.600	10.0	1.0	1.0	0.134	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.265	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.327	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.654	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	1.347	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	1.740	STD7	2025-11-03 18:51:52 UTC-5	used

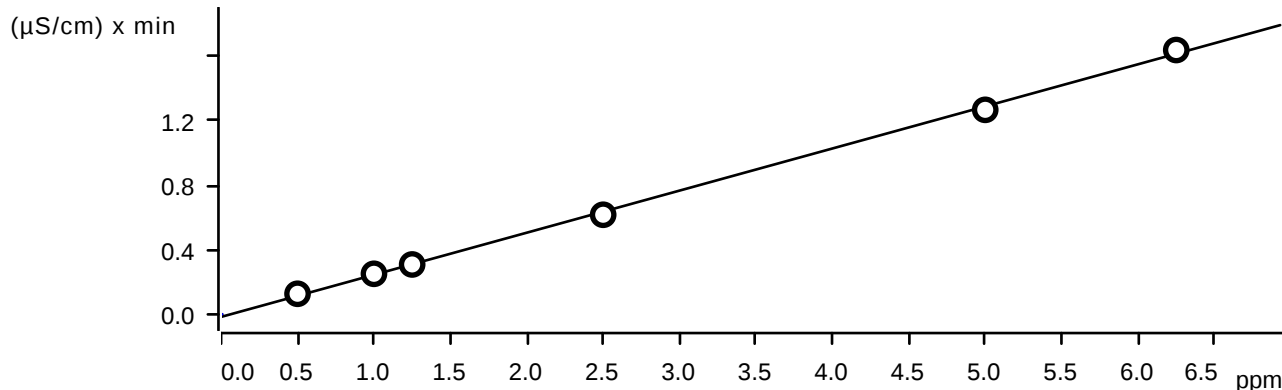
Bromide (Anions)



Function: $A = -8.73633E-3 + 4.51609E-3 \times Q$
 Relative standard deviation: 2.618377 %
 Correlation coefficient: 0.999640

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	2.000	10.0	1.0	1.0	0.090	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	4.000	10.0	1.0	1.0	0.176	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	5.000	10.0	1.0	1.0	0.216	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	10.000	10.0	1.0	1.0	0.430	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	20.000	10.0	1.0	1.0	0.881	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	25.000	10.0	1.0	1.0	1.135	STD7	2025-11-03 18:51:52 UTC-5	used

Nitrate (Anions)



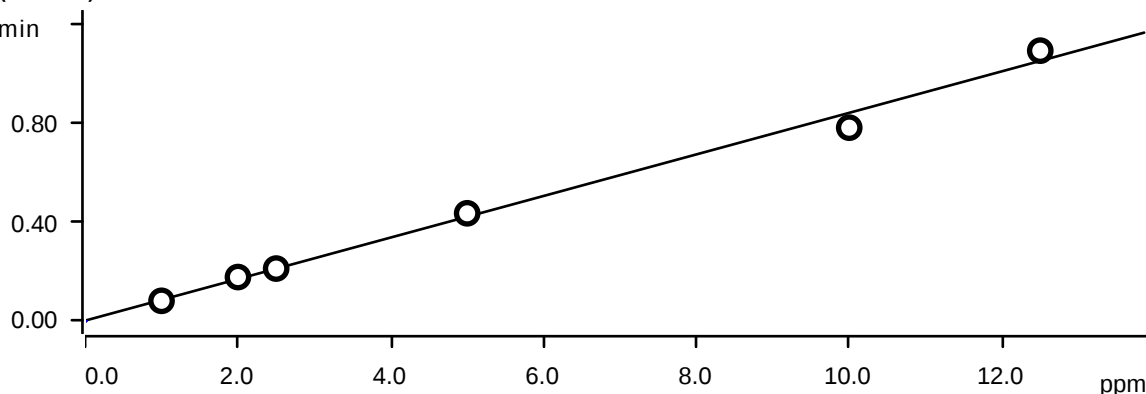
Function: $A = -0.0164240 + 0.0260850 \times Q$
 Relative standard deviation: 2.824357 %

Correlation coefficient 0.999585

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.500	10.0	1.0	1.0	0.127	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	1.000	10.0	1.0	1.0	0.251	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.250	10.0	1.0	1.0	0.308	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	2.500	10.0	1.0	1.0	0.616	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	5.000	10.0	1.0	1.0	1.266	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	6.250	10.0	1.0	1.0	1.637	STD7	2025-11-03 18:51:52 UTC-5	used

Phosphate (Anions)

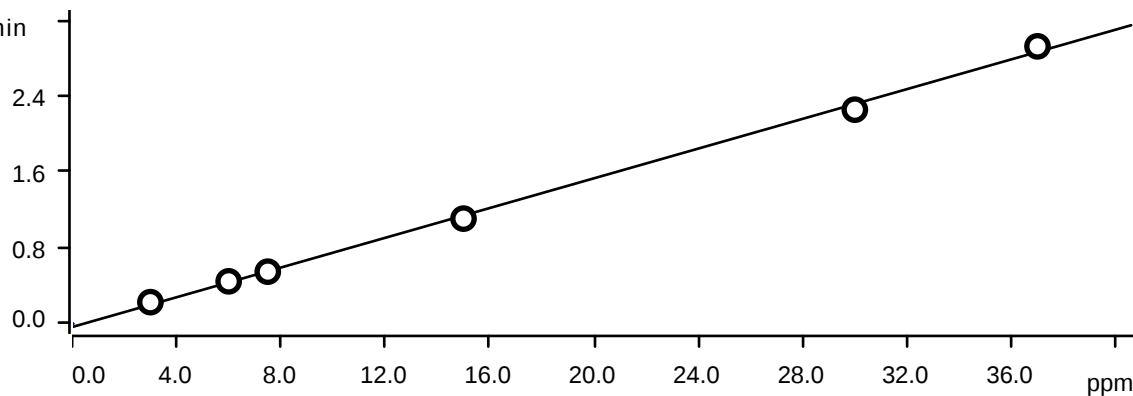
(μS/cm) x min

Function: $A = 1.95294E-3 + 8.36815E-3 \times Q$

Relative standard deviation 8.053642 %

Correlation coefficient 0.996454

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	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	1.000	10.0	1.0	1.0	0.082	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	2.000	10.0	1.0	1.0	0.177	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	2.500	10.0	1.0	1.0	0.212	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	5.000	10.0	1.0	1.0	0.434	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	10.000	10.0	1.0	1.0	0.779	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	12.500	10.0	1.0	1.0	1.089	STD7	2025-11-03 18:51:52 UTC-5	used

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0341972 + 7.83080E-3 \times Q$

Relative standard deviation 3.795793 %

Correlation coefficient 0.999249

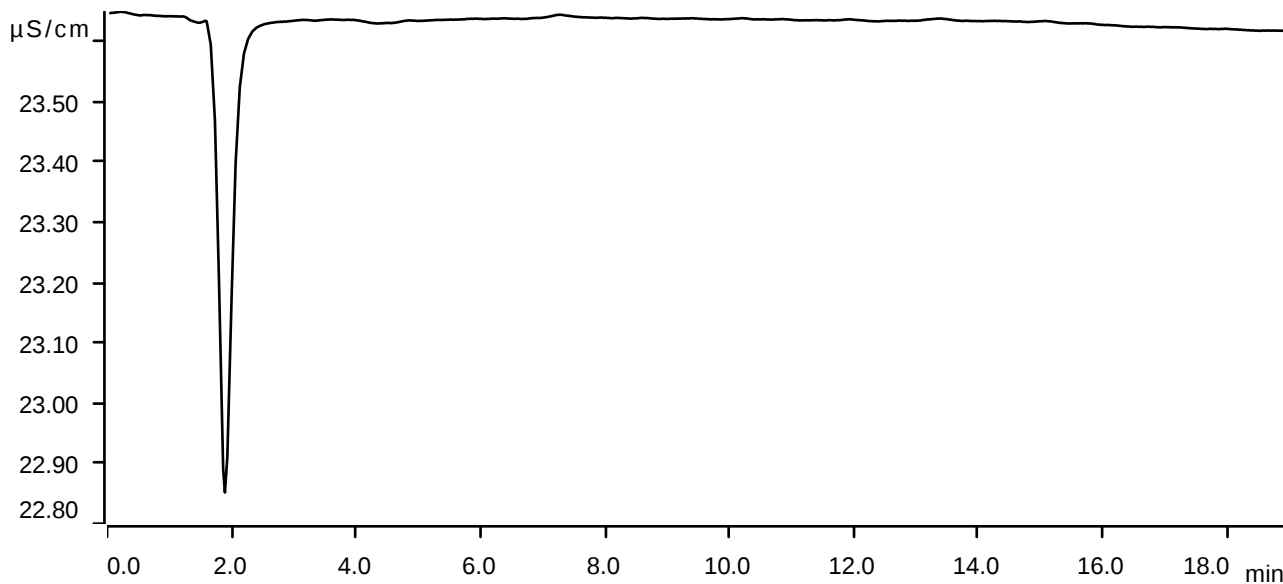
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	3.000	10.0	1.0	1.0	0.228	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	6.000	10.0	1.0	1.0	0.447	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	7.500	10.0	1.0	1.0	0.549	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	15.000	10.0	1.0	1.0	1.108	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	30.000	10.0	1.0	1.0	2.255	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	37.000	10.0	1.0	1.0	2.922	STD7	2025-11-03 18:51:52 UTC-5	used

Sample data

Ident STD1
Sample type Standard 1
Determination start 2025-11-03 15:58:57 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.44 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

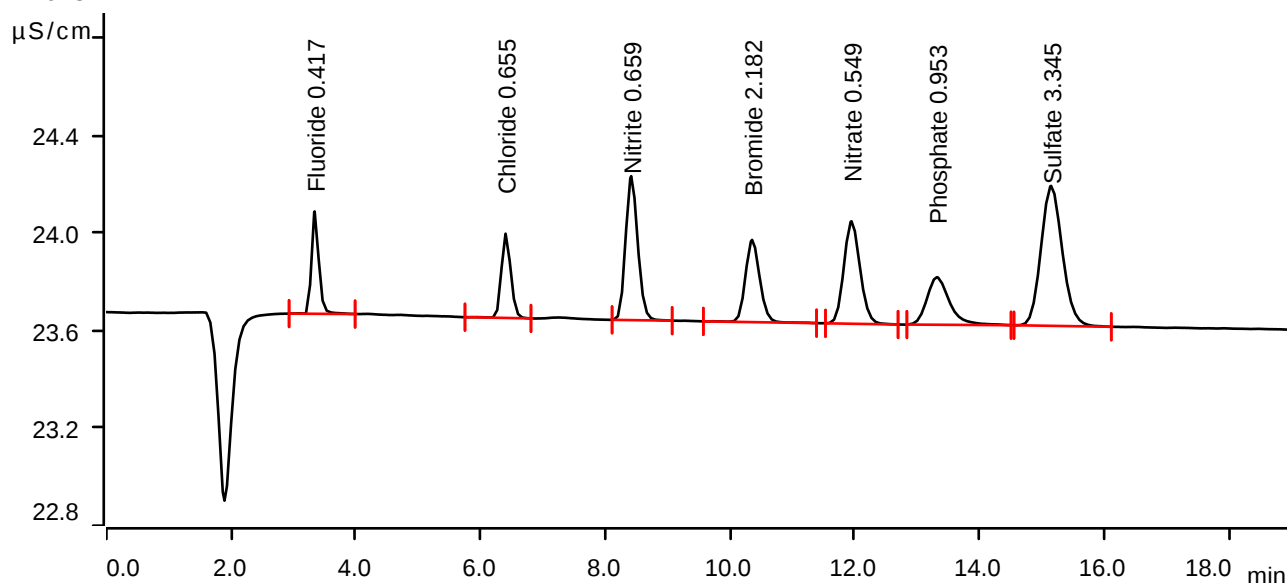
Sample data

Ident STD2
Sample type Standard 2
Determination start 2025-11-03 16:22:03 UTC-5
Method IC1-110325
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	3.340	0.0576	0.420	0.417	Fluoride
2	6.402	0.0609	0.345	0.655	Chloride
3	8.415	0.1336	0.590	0.659	Nitrite
4	10.353	0.0898	0.337	2.182	Bromide
5	11.947	0.1268	0.420	0.549	Nitrate
6	13.317	0.0817	0.195	0.953	Phosphate
7	15.147	0.2277	0.574	3.345	Sulfate

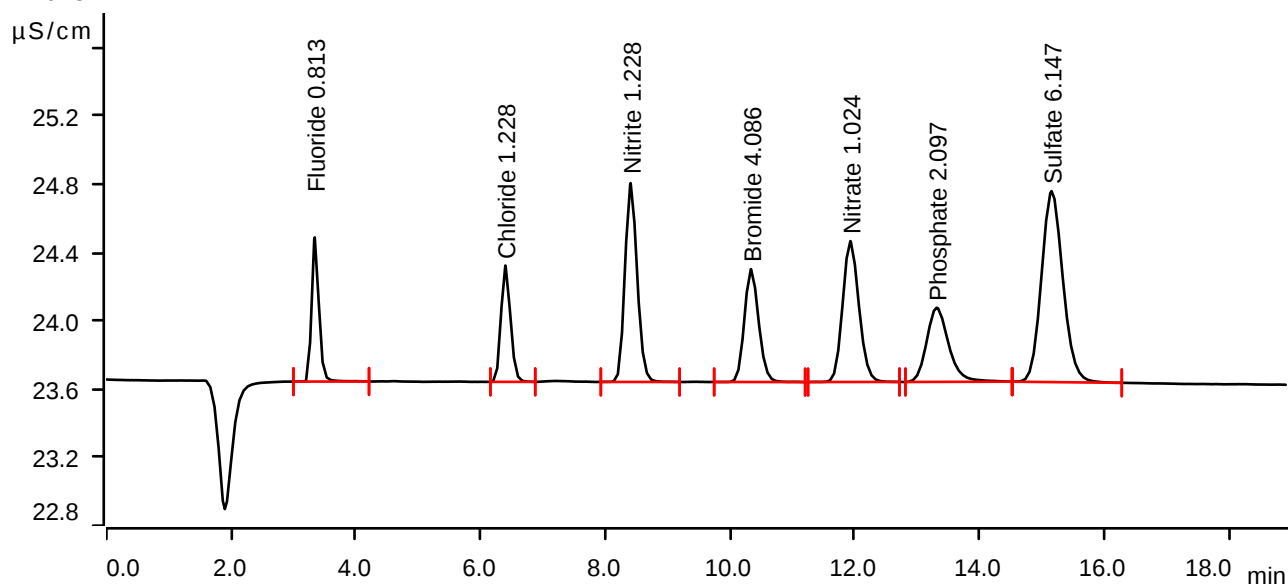
Sample data

Ident STD3
Sample type Standard 3
Determination start 2025-11-03 17:04:52 UTC-5
Method IC1-110325
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	3.342	0.1156	0.844	0.813	Fluoride
2	6.397	0.1206	0.681	1.228	Chloride
3	8.407	0.2651	1.164	1.228	Nitrite
4	10.337	0.1758	0.661	4.086	Bromide
5	11.928	0.2506	0.825	1.024	Nitrate
6	13.312	0.1774	0.435	2.097	Phosphate
7	15.155	0.4471	1.119	6.147	Sulfate

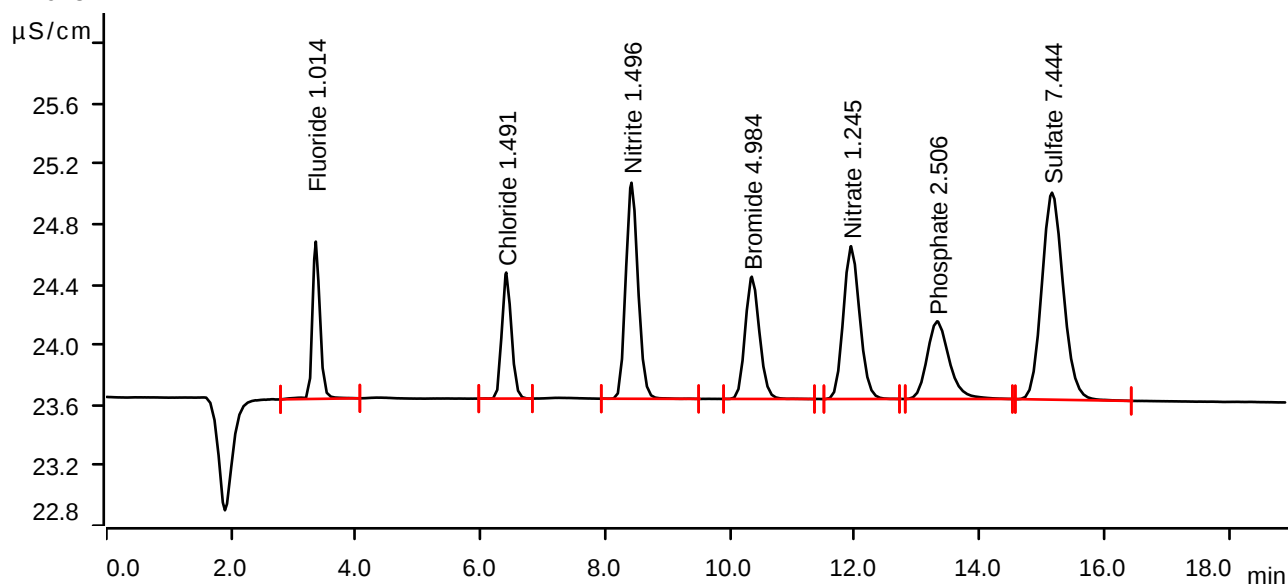
Sample data

Ident STD4
Sample type Standard 4
Determination start 2025-11-03 17:47:32 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.44 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.358	0.1450	1.044	1.014	Fluoride
2	6.412	0.1479	0.837	1.491	Chloride
3	8.420	0.3271	1.434	1.496	Nitrite
4	10.348	0.2164	0.811	4.984	Bromide
5	11.940	0.3084	1.014	1.245	Nitrate
6	13.320	0.2117	0.516	2.506	Phosphate
7	15.162	0.5487	1.374	7.444	Sulfate

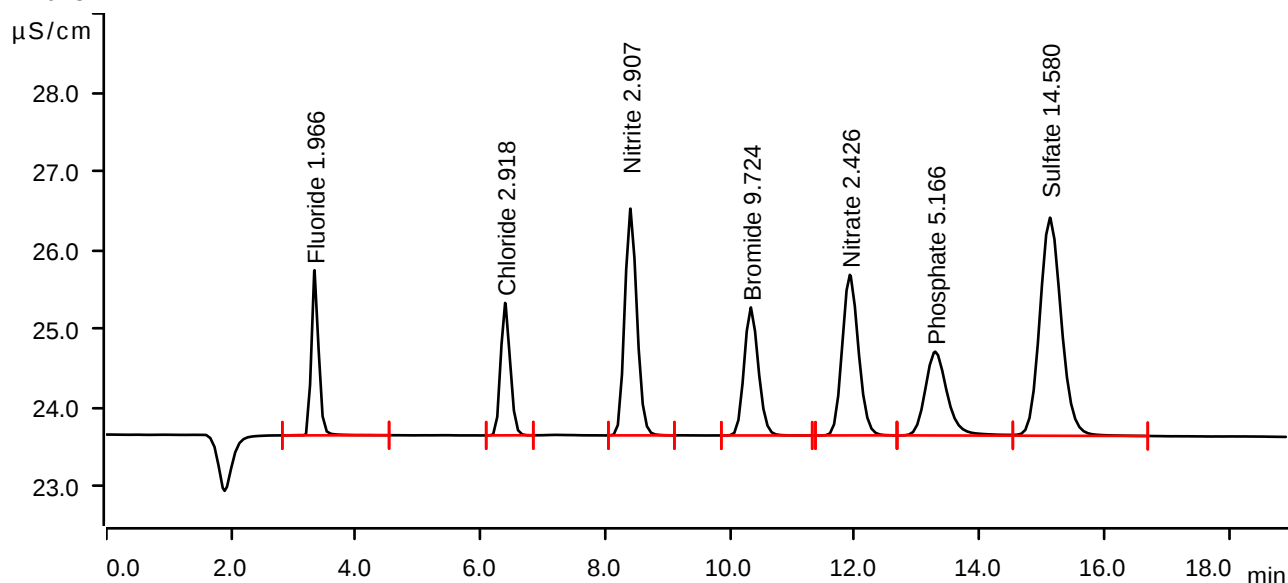
Sample data

Ident STD5
Sample type Standard 5
Determination start 2025-11-03 18:08:59 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.44 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.338	0.2845	2.095	1.966	Fluoride
2	6.393	0.2963	1.681	2.918	Chloride
3	8.403	0.6535	2.878	2.907	Nitrite
4	10.332	0.4304	1.624	9.724	Bromide
5	11.920	0.6163	2.038	2.426	Nitrate
6	13.290	0.4342	1.063	5.166	Phosphate
7	15.128	1.1075	2.767	14.580	Sulfate

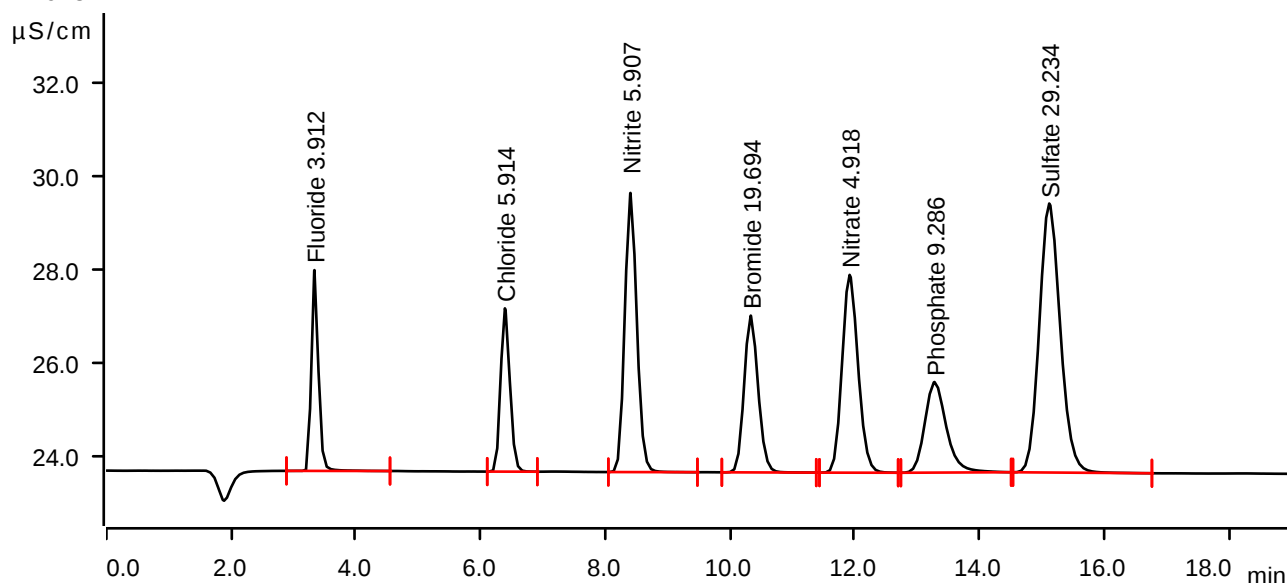
Sample data

Ident STD6
Sample type Standard 6
Determination start 2025-11-03 18:30:25 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.50 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.337	0.5698	4.312	3.912	Fluoride
2	6.390	0.6080	3.506	5.914	Chloride
3	8.403	1.3473	5.995	5.907	Nitrite
4	10.330	0.8806	3.367	19.694	Bromide
5	11.917	1.2665	4.248	4.918	Nitrate
6	13.278	0.7790	1.945	9.286	Phosphate
7	15.117	2.2550	5.777	29.234	Sulfate

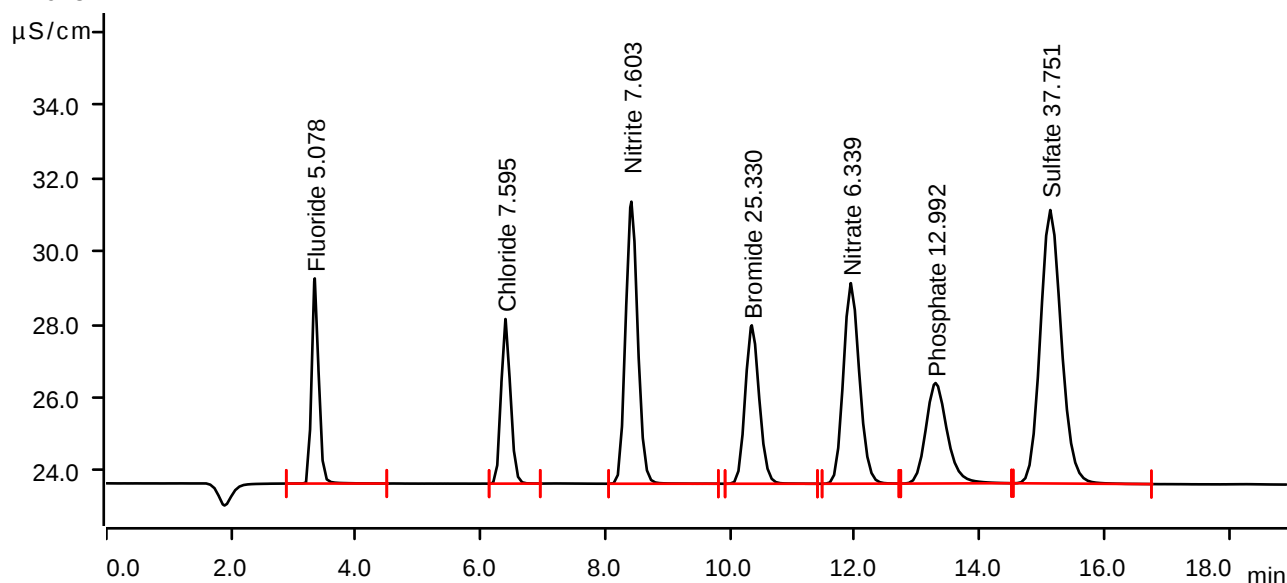
Sample data

Ident STD7
Sample type Standard 7
Determination start 2025-11-03 18:51:52 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.50 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.342	0.7408	5.606	5.078	Fluoride
2	6.398	0.7828	4.499	7.595	Chloride
3	8.418	1.7395	7.709	7.603	Nitrite
4	10.348	1.1352	4.330	25.330	Bromide
5	11.937	1.6370	5.482	6.339	Nitrate
6	13.295	1.0891	2.746	12.992	Phosphate
7	15.133	2.9220	7.473	37.751	Sulfate

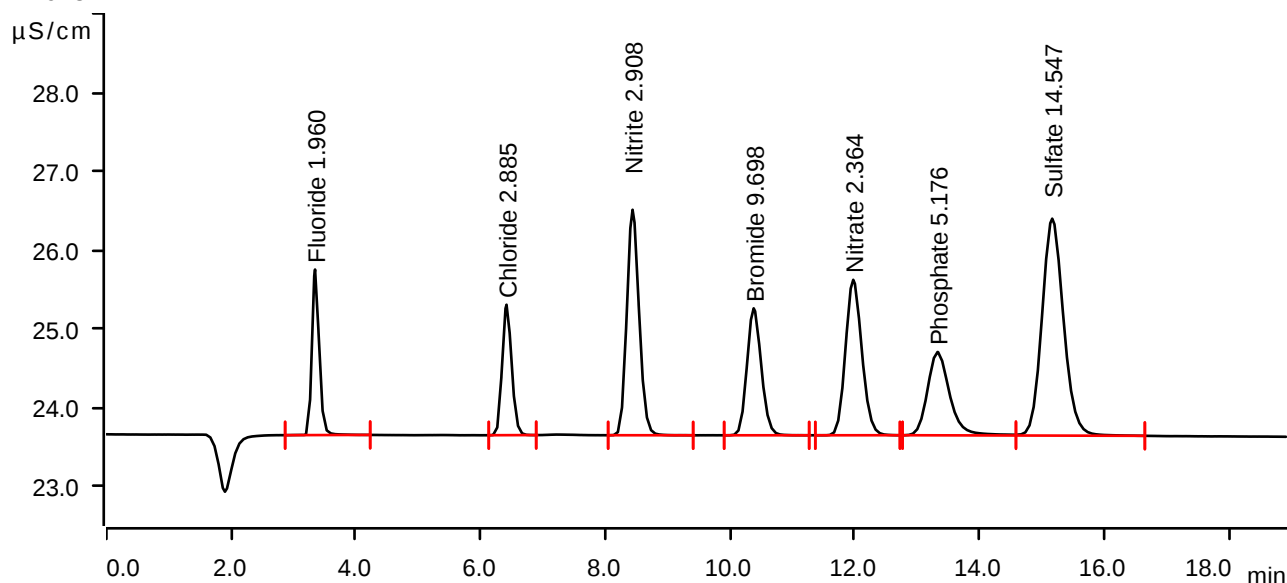
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2025-11-03 19:13:20 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.39 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



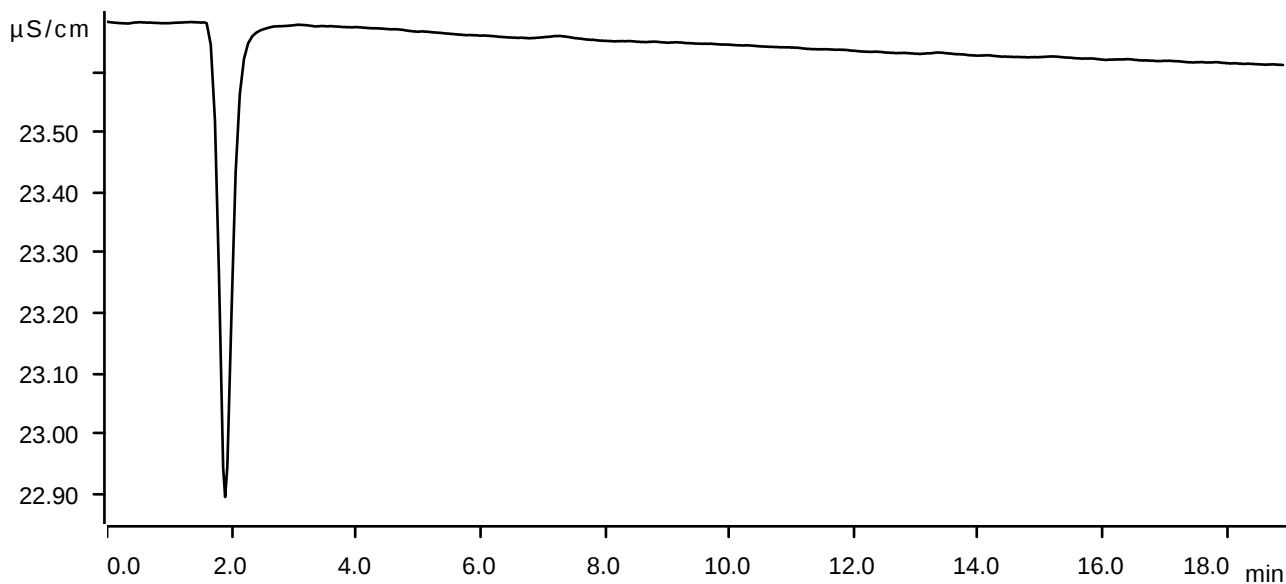
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.347	0.2837	2.100	1.960	Fluoride
2	6.417	0.2929	1.656	2.885	Chloride
3	8.437	0.6536	2.862	2.908	Nitrite
4	10.378	0.4292	1.611	9.698	Bromide
5	11.975	0.6003	1.973	2.364	Nitrate
6	13.327	0.4351	1.058	5.176	Phosphate
7	15.165	1.1050	2.753	14.547	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2025-11-03 19:34:48 UTC-5
Method IC1-110325
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

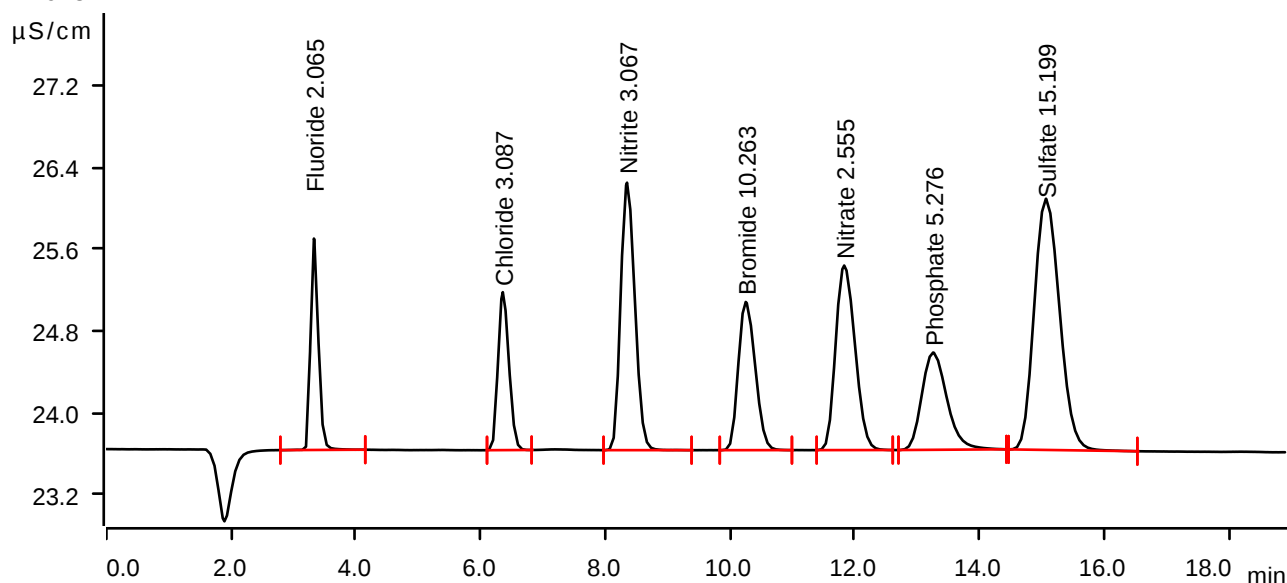
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-11-07 15:28:22 UTC-5
Method IC1-110325
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



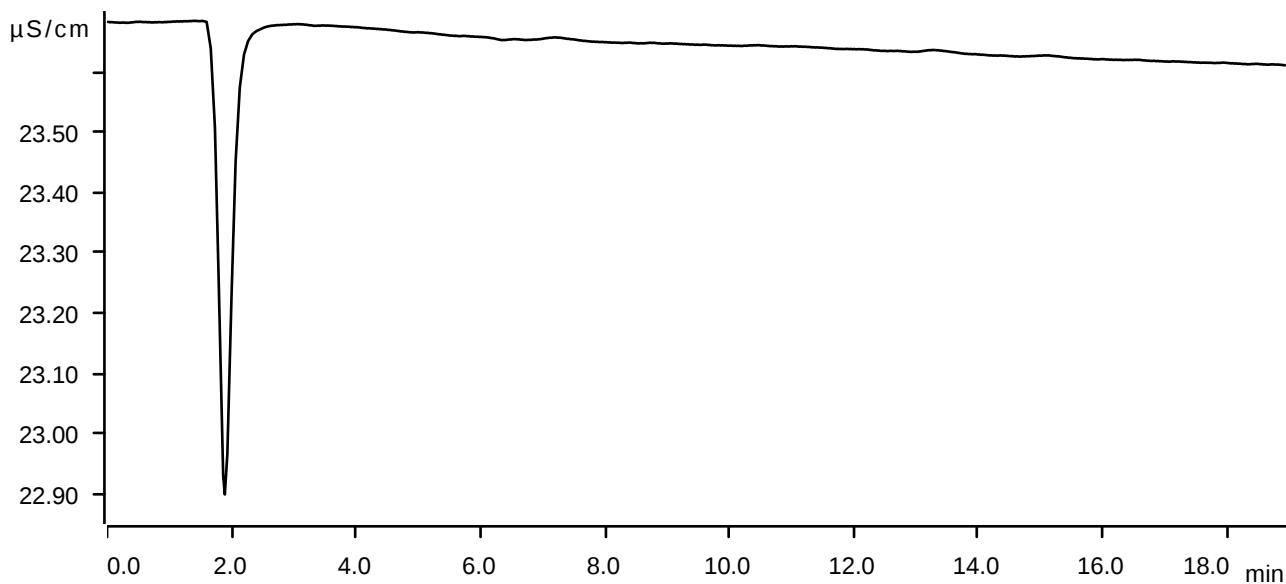
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.328	0.2990	2.064	2.065	Fluoride
2	6.357	0.3140	1.542	3.087	Chloride
3	8.348	0.6906	2.611	3.067	Nitrite
4	10.252	0.4548	1.447	10.263	Bromide
5	11.830	0.6502	1.802	2.555	Nitrate
6	13.255	0.4435	0.950	5.276	Phosphate
7	15.063	1.1560	2.452	15.199	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-07 15:49:52 UTC-5
Method IC1-110325
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

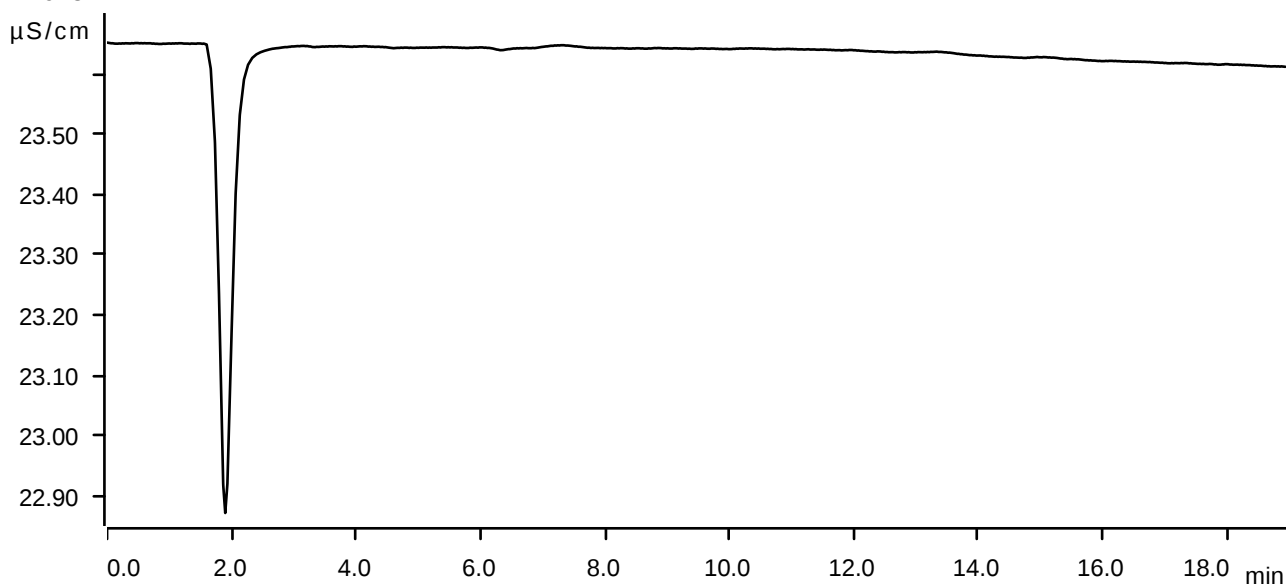
Anions

Sample data

Ident LB137833BLW
Sample type Sample
Determination start 2025-11-07 16:11:22 UTC-5
Method IC1-110325
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

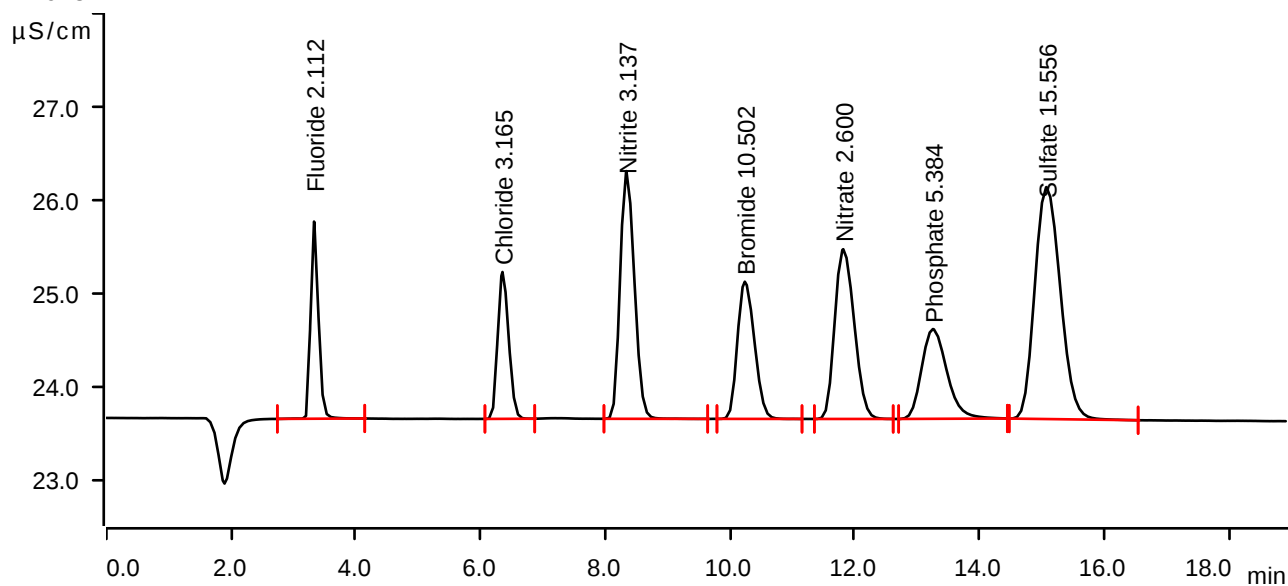
Sample data

Ident LB137833BSW
Sample type Check standard 1
Determination start 2025-11-07 16:32:54 UTC-5
Method IC1-110325
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	3.330	0.3059	2.117	2.112	Fluoride
2	6.352	0.3220	1.577	3.165	Chloride
3	8.338	0.7067	2.660	3.137	Nitrite
4	10.237	0.4655	1.473	10.502	Bromide
5	11.815	0.6619	1.823	2.600	Nitrate
6	13.252	0.4525	0.964	5.384	Phosphate
7	15.073	1.1840	2.490	15.556	Sulfate

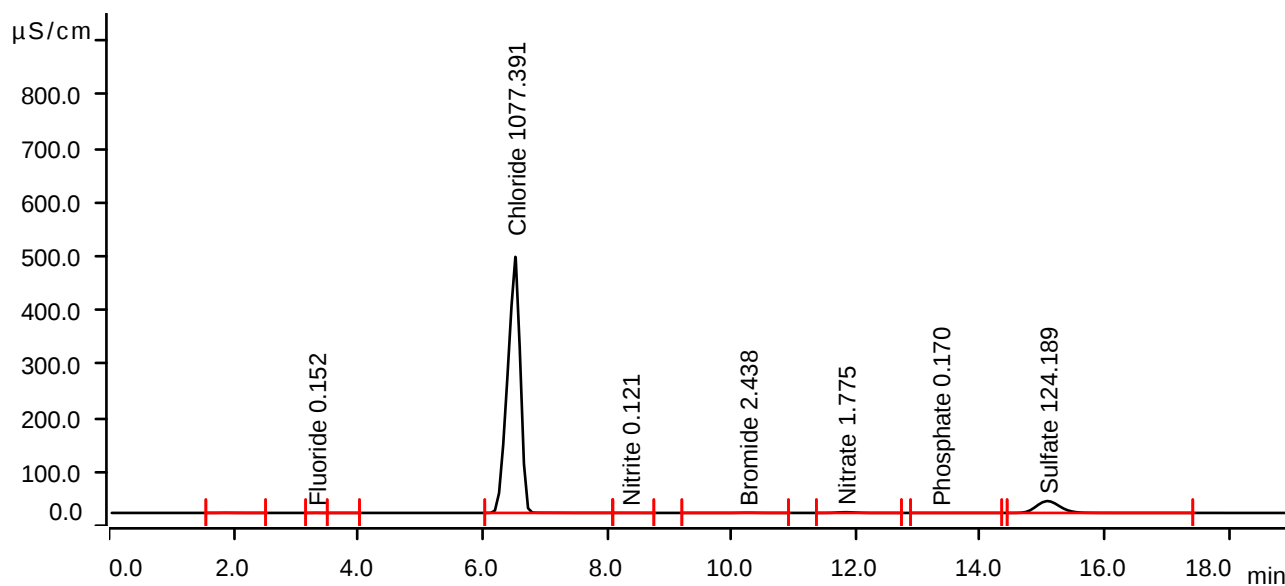
Sample data

Ident Q3584-01
Sample type Sample
Determination start 2025-11-07 18:18:44 UTC-5
Method IC1-110325
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	1.867	0.0548	0.214	invalid	
2	3.328	0.0186	0.129	0.152	Fluoride
3	3.595	0.0046	0.022	invalid	
4	6.530	112.0530	474.854	1077.391	Chloride
5	8.367	0.0091	0.036	0.121	Nitrite
6	10.258	0.1014	0.331	2.438	Bromide
7	11.837	0.4466	1.286	1.775	Nitrate
8	13.353	0.0162	0.030	0.170	Phosphate
9	15.082	9.6908	22.003	124.189	Sulfate

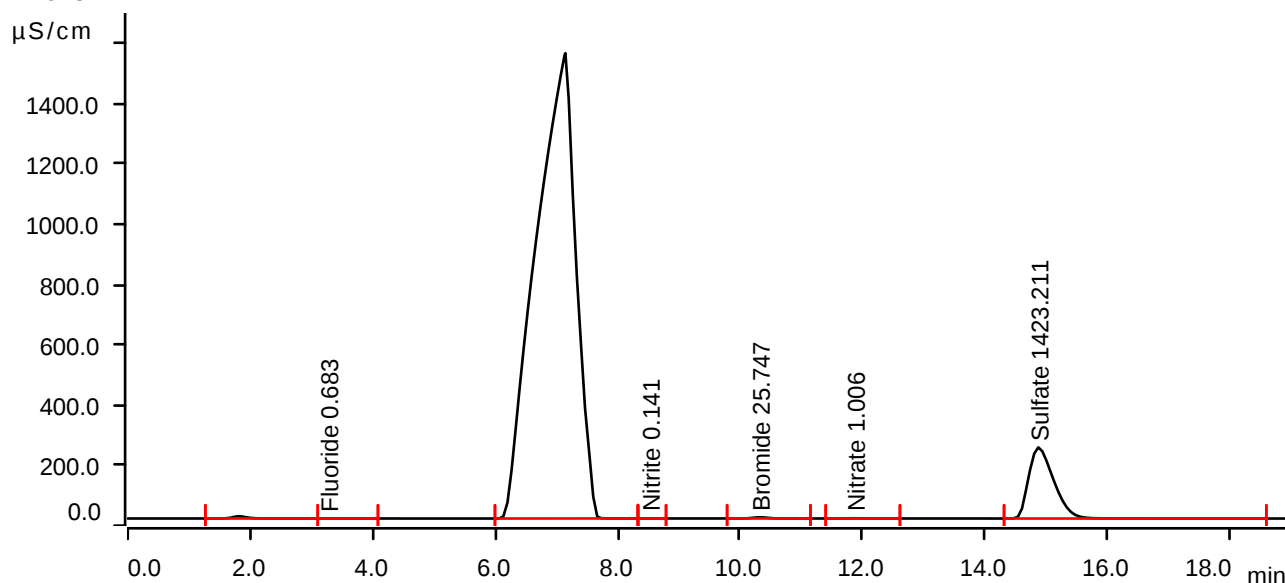
Sample data

Ident Q3584-02
Sample type Sample
Determination start 2025-11-07 18:40:17 UTC-5
Method IC1-110325
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	1.813	2.1513	7.452	invalid	
2	3.273	0.0965	0.425	0.683	Fluoride
3	7.147	1169.0294	1544.207	invalid	
4	8.498	0.0138	0.057	0.141	Nitrite
5	10.323	1.1540	3.926	25.747	Bromide
6	11.873	0.2460	0.726	1.006	Nitrate
7	14.870	111.4146	236.004	1423.211	Sulfate

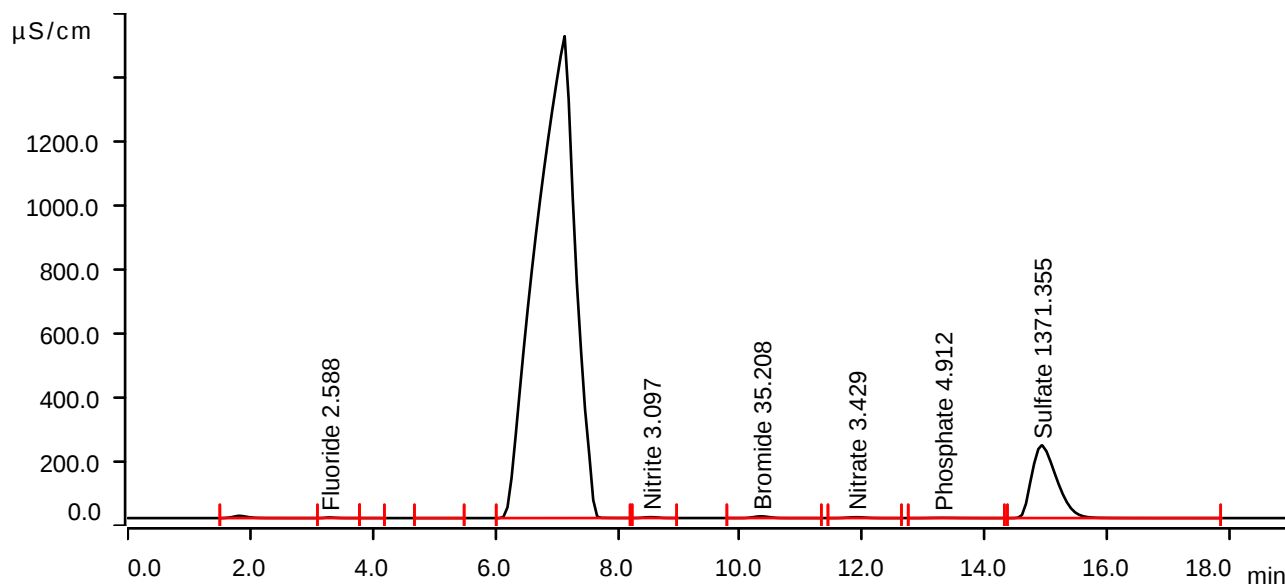
Sample data

Ident Q3584-02MS
 Sample type Sample
 Determination start 2025-11-07 19:01:51 UTC-5
 Method IC1-110325
 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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.825	2.0352	7.092	invalid	
2	3.290	0.3757	1.963	2.588	Fluoride
3	3.947	0.0034	0.016	invalid	
4	5.002	0.0067	0.015	invalid	
5	7.135	1112.8721	1505.352	invalid	
6	8.538	0.6973	2.675	3.097	Nitrite
7	10.342	1.5813	5.354	35.208	Bromide
8	11.895	0.8780	2.582	3.429	Nitrate
9	13.302	0.4130	0.826	4.912	Phosphate
10	14.922	107.3539	227.266	1371.355	Sulfate

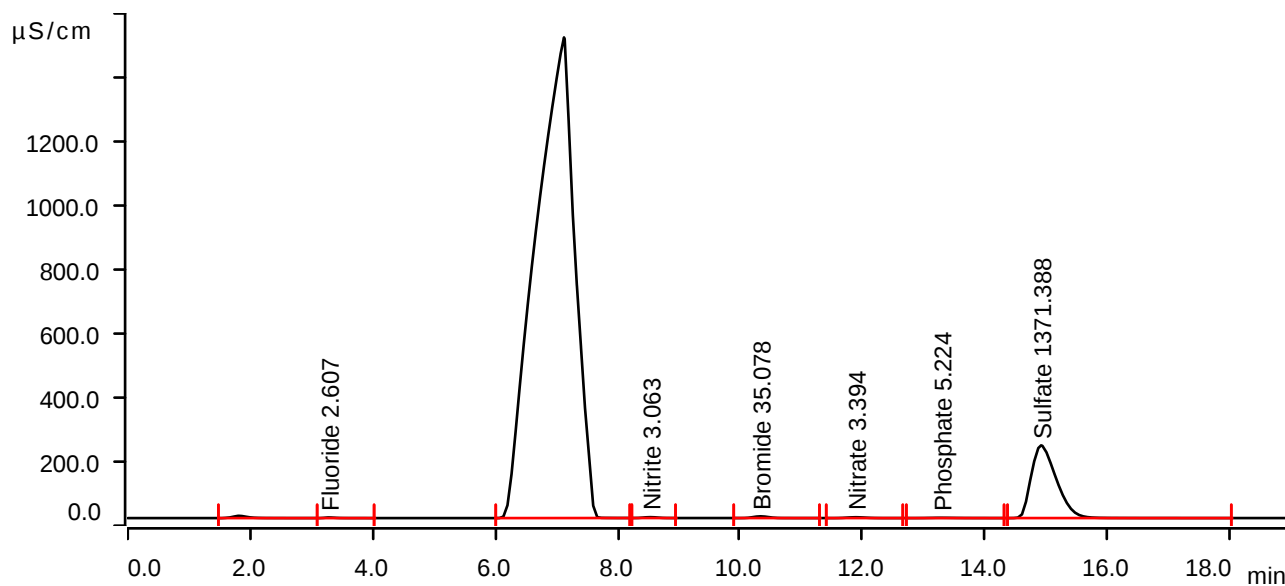
Sample data

Ident Q3584-02MSD
Sample type Sample
Determination start 2025-11-07 19:23:26 UTC-5
Method IC1-110325
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.818	2.0410	7.093	invalid	
2	3.283	0.3785	1.956	2.607	Fluoride
3	7.123	1113.1684	1501.416	invalid	
4	8.533	0.6895	2.662	3.063	Nitrite
5	10.333	1.5754	5.351	35.078	Bromide
6	11.888	0.8688	2.557	3.394	Nitrate
7	13.285	0.4391	0.884	5.224	Phosphate
8	14.913	107.3565	227.137	1371.388	Sulfate

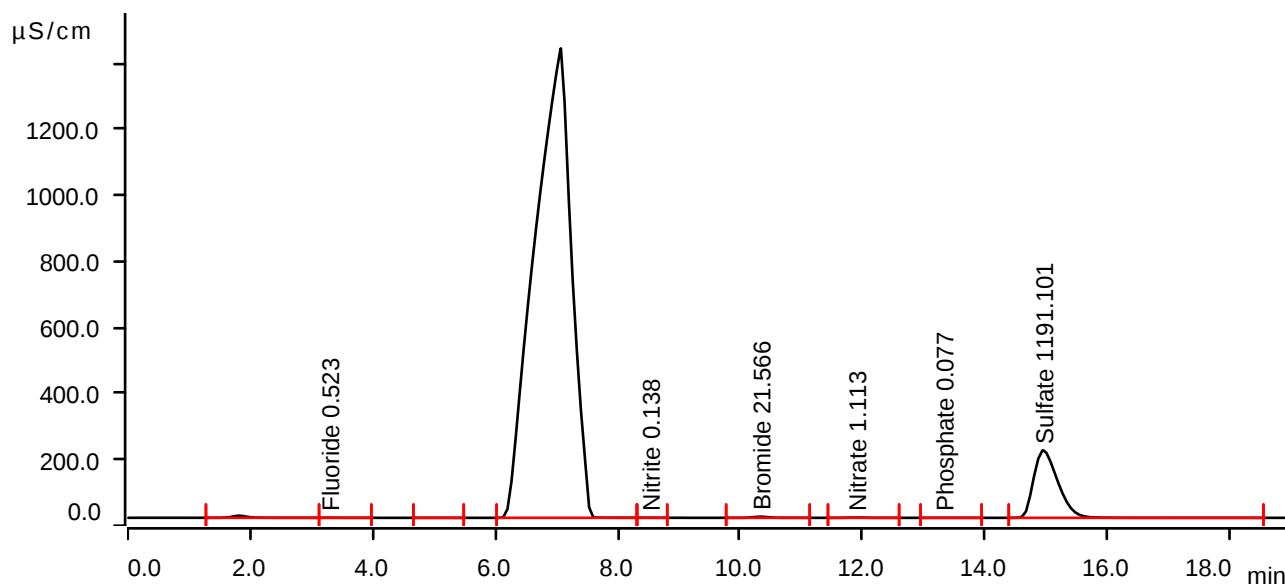
Sample data

Ident Q3584-03
Sample type Sample
Determination start 2025-11-07 19:45:02 UTC-5
Method IC1-110325
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	1.817	1.8513	6.345	invalid	
2	3.290	0.0730	0.362	0.523	Fluoride
3	4.905	0.0069	0.018	invalid	
4	7.073	986.6310	1420.359	invalid	
5	8.490	0.0130	0.055	0.138	Nitrite
6	10.332	0.9652	3.295	21.566	Bromide
7	11.890	0.2739	0.810	1.113	Nitrate
8	13.317	0.0084	0.017	0.077	Phosphate
9	14.948	93.2386	204.702	1191.101	Sulfate

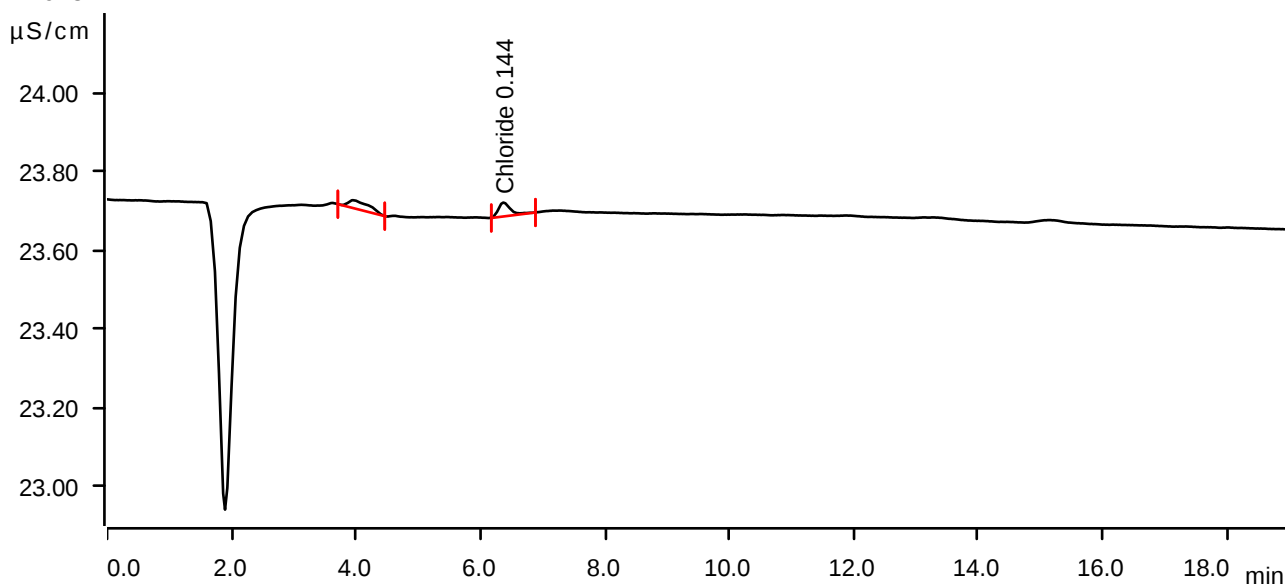
Sample data

Ident Q3584-04
 Sample type Sample
 Determination start 2025-11-07 20:06:37 UTC-5
 Method IC1-110325
 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	3.952	0.0085	0.020	invalid	
2	6.368	0.0079	0.035	0.144	Chloride

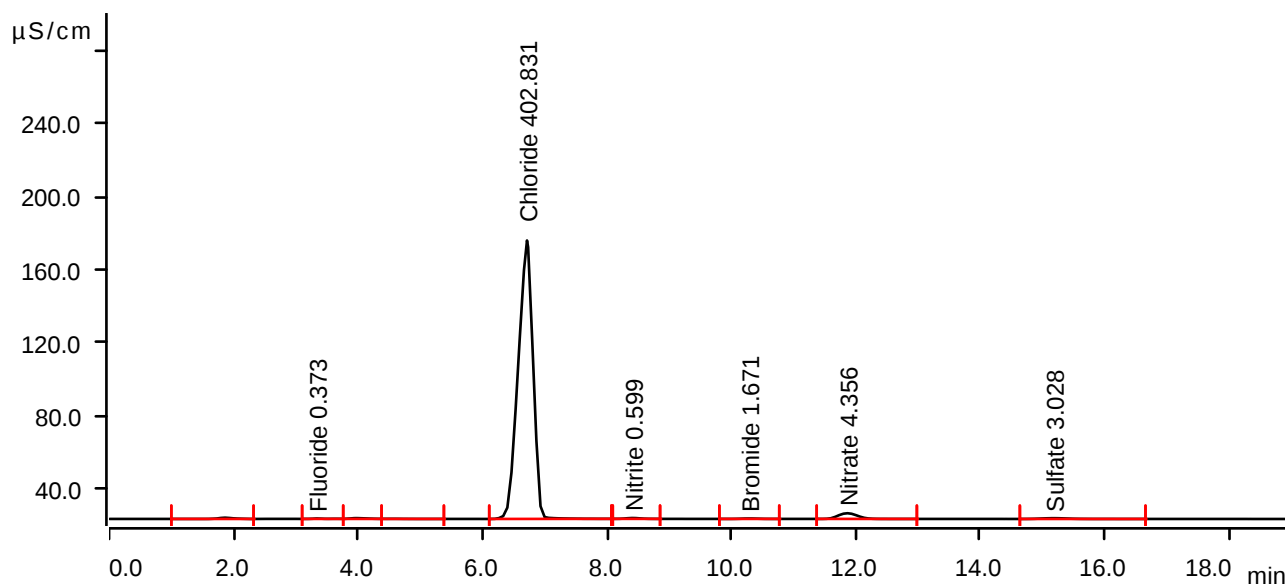
Sample data

Ident Q3584-07
Sample type Sample
Determination start 2025-11-07 20:28:10 UTC-5
Method IC1-110325
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	1.860	0.1907	0.680	invalid	
2	3.340	0.0511	0.216	0.373	Fluoride
3	3.970	0.1354	0.437	invalid	
4	4.563	0.0259	0.070	invalid	
5	6.717	41.8916	152.193	402.831	Chloride
6	8.415	0.1197	0.454	0.599	Nitrite
7	10.287	0.0667	0.212	1.671	Bromide
8	11.865	1.1199	3.106	4.356	Nitrate
9	15.183	0.2029	0.409	3.028	Sulfate

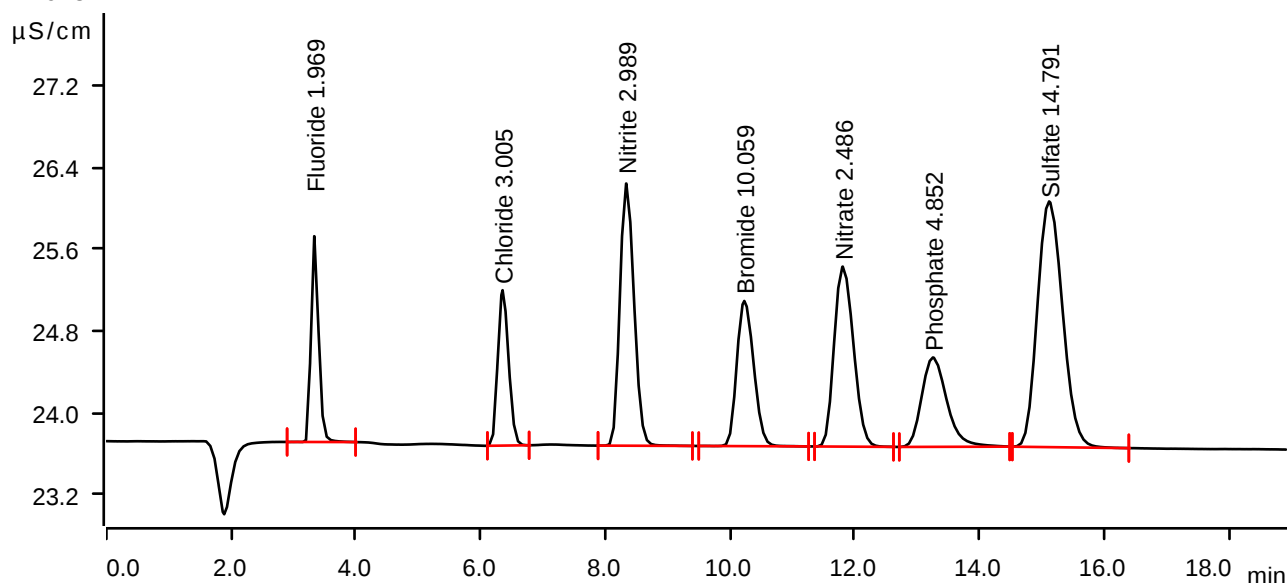
Sample data

Ident CCV
 Sample type Check standard 1
 Determination start 2025-11-07 20:49:44 UTC-5
 Method IC1-110325
 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	3.335	0.2850	2.009	1.969	Fluoride
2	6.353	0.3054	1.517	3.005	Chloride
3	8.337	0.6725	2.560	2.989	Nitrite
4	10.228	0.4455	1.417	10.059	Bromide
5	11.807	0.6322	1.757	2.486	Nitrate
6	13.252	0.4080	0.873	4.852	Phosphate
7	15.115	1.1240	2.398	14.791	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-07 21:11:14 UTC-5
Method IC1-110325
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

