

Instrument IC-1		Analyst: NF		Method: 300.0 / 9056A		Initial v Analyst				
Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	
STD1	0	0	0	0	0	0	0	IC1-101624	10/16/2024 10:55	10 NF/IZ
STD2	0.424	0.632	0.639	2.106	0.535	1.072	3.276	IC1-101624	10/16/2024 11:17	10 NF/IZ
STD3	0.796	1.206	1.205	4.013	1	2	6.052	IC1-101624	10/16/2024 11:38	10 NF/IZ
STD4	1.032	1.537	1.531	5.116	1.277	2.557	7.662	IC1-101624	10/16/2024 11:59	10 NF/IZ
STD5	1.966	2.927	2.921	9.77	2.439	4.871	14.51	IC1-101624	10/16/2024 12:21	10 NF/IZ
STD6	3.88	5.901	5.91	19.683	4.912	9.831	29.286	IC1-101624	10/16/2024 12:42	10 NF/IZ
STD7	5.102	7.598	7.593	25.312	6.337	12.67	37.714	IC1-101624	10/16/2024 13:04	10 NF/IZ
ICV	1.966	2.997	3	9.969	2.497	4.753	14.85	IC1-101624	10/16/2024 13:37	10 NF/IZ
ICB	0	0	0	0	0	0	0	IC1-101624	10/16/2024 13:59	10 NF/IZ
CCV	2.114	3.19	3.145	10.546	2.631	5.247	15.709	IC1-101624	10/25/2024 8:31	10 NF/IZ
CCB	0	0	0	0	0	0	0	IC1-101624	10/25/2024 8:52	10 NF/IZ
LB133119BLW	0	0	0	0	0	0	0	IC1-101624	10/25/2024 9:14	10 NF/IZ
P4548-01	0.131	146.327	0	0	1.326	0	31.583	IC1-101624	10/25/2024 9:35	10 NF/IZ
P4548-01MS	2.087	142.761	2.967	9.935	3.751	4.794	45.212	IC1-101624	10/25/2024 9:57	10 NF/IZ
P4548-01MSD	1.959	143.068	2.808	9.413	3.621	4.522	44.729	IC1-101624	10/25/2024 10:18	10 NF/IZ
P4548-05	0.227	329.551	0	0.379	2.152	0	15.243	IC1-101624	10/25/2024 10:40	10 NF/IZ
P4548-07	0.227	330.575	0	0.351	2.192	0	15.264	IC1-101624	10/25/2024 11:02	10 NF/IZ
P4548-03	0.242	524.108	0	0.498	0.088	0	41.781	IC1-101624	10/25/2024 11:23	10 NF/IZ
LB133119BSW	2.123	3.195	3.154	10.561	2.616	5.356	15.897	IC1-101624	10/25/2024 11:45	10 NF/IZ
P4548-01DLX50	0	2.208	0	0	0.085	0	1.025	IC1-101624	10/25/2024 12:06	10 NF/IZ
P4548-03DLX100	0	3.504	0	0	0	0	0.835	IC1-101624	10/25/2024 12:28	10 NF/IZ
CCV	2.122	3.203	3.172	10.582	2.631	5.29	15.739	IC1-101624	10/25/2024 12:49	10 NF/IZ
CCB	0	0	0	0	0	0	0	IC1-101624	10/25/2024 13:11	10 NF/IZ
P4548-05DLX100	0	2.297	0	0	0	0	0.592	IC1-101624	10/25/2024 13:32	10 NF/IZ
P4548-07DLX100	0	2.376	0	0	0	0	0.618	IC1-101624	10/25/2024 13:54	10 NF/IZ
P4548-03DL2X2	0.14	246.521	0	0.335	0	0	20.614	IC1-101624	10/25/2024 14:15	10 NF/IZ
CCV	2.109	3.209	3.174	10.62	2.632	5.295	15.824	IC1-101624	10/25/2024 14:37	10 NF/IZ
CCB	0	0	0	0	0	0	0	IC1-101624	10/25/2024 14:58	10 NF/IZ

Clear table

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

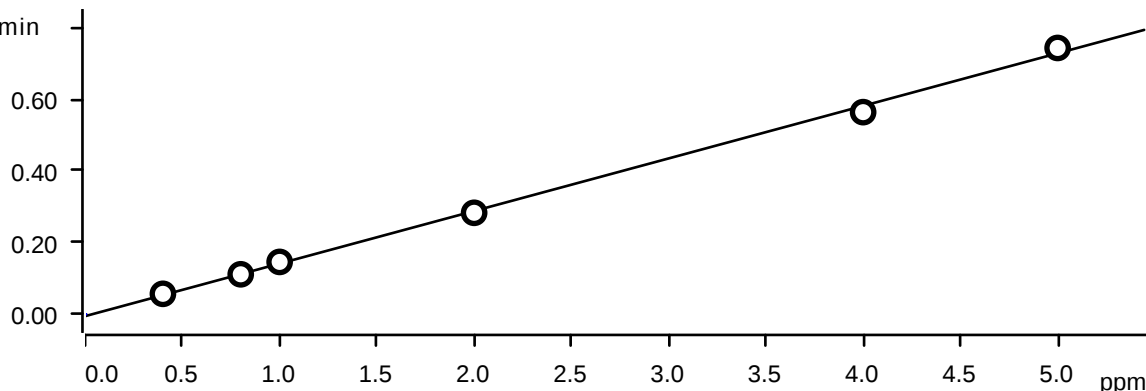
ident	concentra tion F-	concentratio n CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentratio n HPO4	concentrati on SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-101624	10/16/2024 10:55	10	NF/IZ
STD2	0.424	0.632	0.639	2.106	0.535	1.072	3.276	IC1-101624	10/16/2024 11:17	10	NF/IZ
STD3	0.796	1.206	1.205	4.013	1.000	2.000	6.052	IC1-101624	10/16/2024 11:38	10	NF/IZ
STD4	1.032	1.537	1.531	5.116	1.277	2.557	7.662	IC1-101624	10/16/2024 11:59	10	NF/IZ
STD5	1.966	2.927	2.921	9.77	2.439	4.871	14.51	IC1-101624	10/16/2024 12:21	10	NF/IZ
STD6	3.88	5.901	5.91	19.683	4.912	9.831	29.286	IC1-101624	10/16/2024 12:42	10	NF/IZ
STD7	5.102	7.598	7.593	25.312	6.337	12.67	37.714	IC1-101624	10/16/2024 13:04	10	NF/IZ

ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value SO4
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000
STD4	1.0000	1.5000	1.5000	5.0000	1.2500	2.5000	7.5000
STD5	2.0000	3.0000	3.0000	10.0000	2.5000	5.0000	15.0000
STD6	4.0000	6.0000	6.0000	20.0000	5.0000	10.0000	30.0000
STD7	5.0000	7.5000	7.5000	25.0000	6.2500	12.5000	37.0000

ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4
STD1							
STD2	6.0000	5.3333	6.5000	5.3000	7.0000	7.2000	9.2000
STD3	-0.5000	0.5000	0.4167	0.3250	0.0000	0.0000	0.8667
STD4	3.2000	2.4667	2.0667	2.3200	2.1600	2.2800	2.1600
STD5	-1.7000	-2.4333	-2.6333	-2.3000	-2.4400	-2.5800	-3.2667
STD6	-3.0000	-1.6500	-1.5000	-1.5850	-1.7600	-1.6900	-2.3800
STD7	2.0400	1.3067	1.2400	1.2480	1.3920	1.3600	1.9297

Fluoride (Anions)

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



Function: $A = -5.06114E-3 + 0.0146570 \times Q$

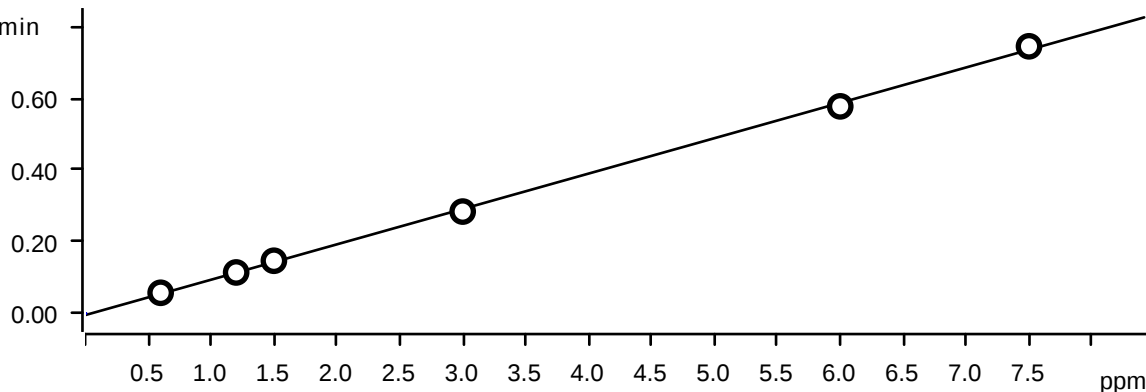
Relative standard deviation 3.824450 %

Correlation coefficient 0.999229

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.057	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.112	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.146	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.283	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.564	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.743	STD7	2024-10-16 13:04:15 UTC-4	used

Chloride (Anions)

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

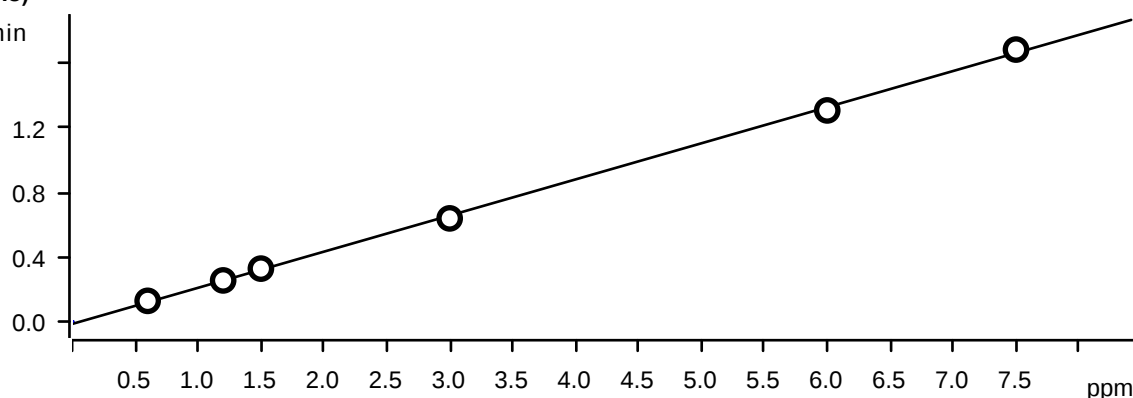


Function: $A = -4.66155E-3 + 9.86442E-3 \times Q$

Relative standard deviation 2.532075 %

Correlation coefficient 0.999661

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.058	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.114	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.147	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.284	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.577	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.745	STD7	2024-10-16 13:04:15 UTC-4	used

Nitrite (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0158639 + 0.0223869 \times Q$

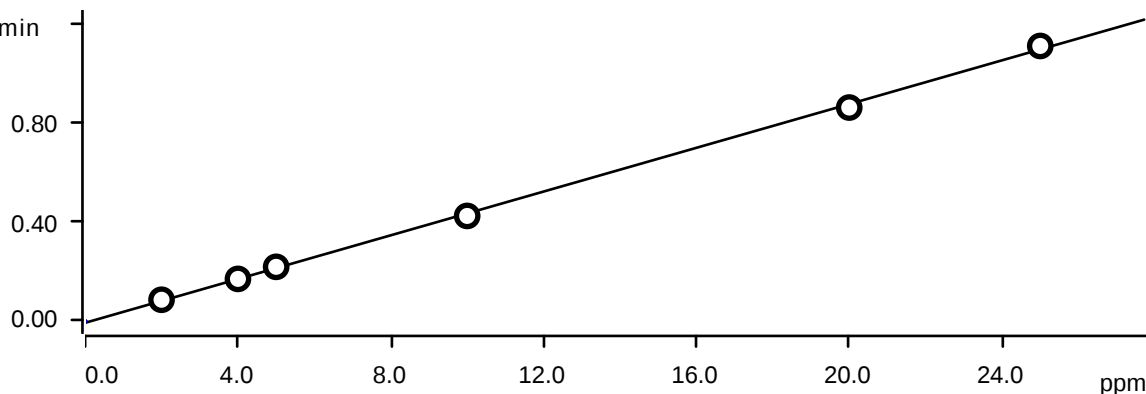
Relative standard deviation 2.476730 %

Correlation coefficient 0.999680

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.127	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.254	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.327	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.638	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.307	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.684	STD7	2024-10-16 13:04:15 UTC-4	used

Bromide (Anions)

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



Function: $A = -7.83486E-3 + 4.40426E-3 \times Q$

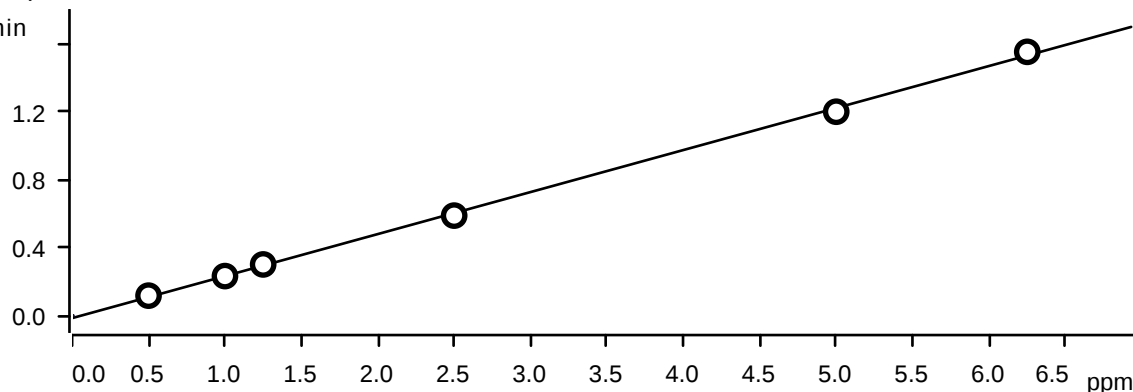
Relative standard deviation 2.425045 %

Correlation coefficient 0.999690

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.085	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.169	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.217	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.422	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.859	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.107	STD7	2024-10-16 13:04:15 UTC-4	used

Nitrate (Anions)

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

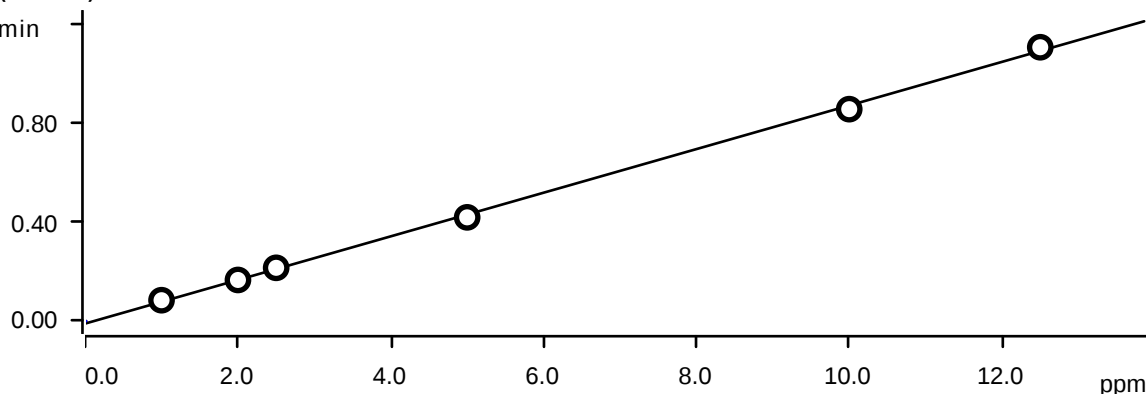


Function: $A = -0.0159932 + 0.0247327 \times Q$

Relative standard deviation 2.693966 %

Correlation coefficient 0.999623

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.116	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.231	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.300	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.587	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.199	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.551	STD7	2024-10-16 13:04:15 UTC-4	used

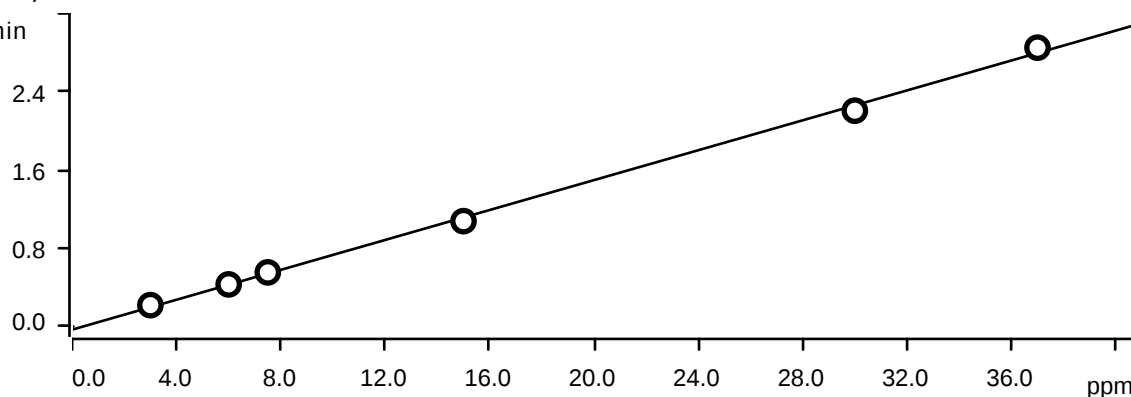
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -9.96170E-3 + 8.78405E-3 \times Q$

Relative standard deviation 2.667639 %

Correlation coefficient 0.999628

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.084	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.166	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.215	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.418	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.854	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.103	STD7	2024-10-16 13:04:15 UTC-4	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0322401 + 7.64234E-3 \times Q$

Relative standard deviation 3.651427 %

Correlation coefficient 0.999303

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.218	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.430	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.553	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.077	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.206	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.850	STD7	2024-10-16 13:04:15 UTC-4	used

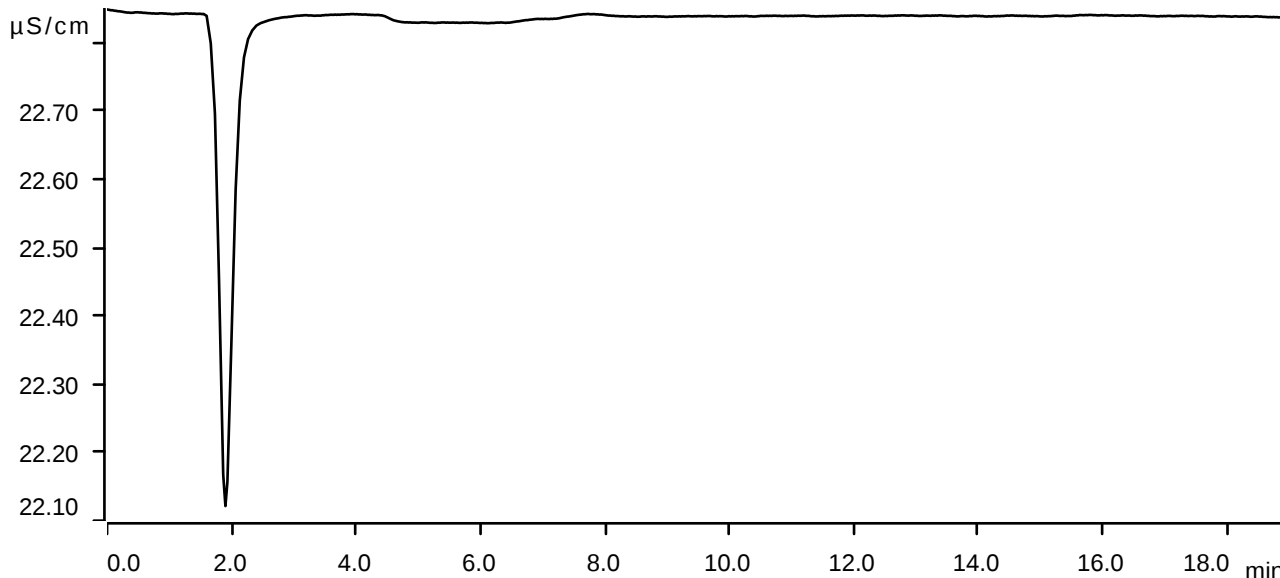
Sample data

Ident STD1
Sample type Standard 1
Determination start 2024-10-16 10:55:46 UTC-4
Method IC1-101624
Operator

Anions

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

Anions



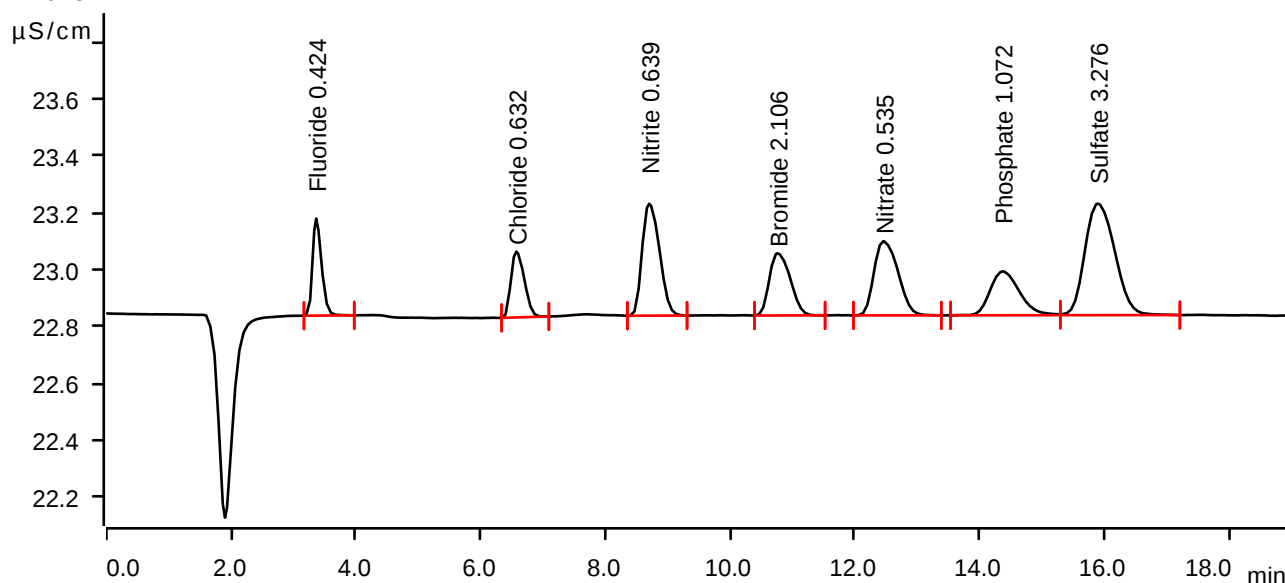
Sample data

Ident STD2
Sample type Standard 2
Determination start 2024-10-16 11:17:08 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.56 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.365	0.0571	0.341	0.424	Fluoride
2	6.573	0.0576	0.231	0.632	Chloride
3	8.703	0.1273	0.393	0.639	Nitrite
4	10.758	0.0849	0.219	2.106	Bromide
5	12.458	0.1163	0.261	0.535	Nitrate
6	14.368	0.0842	0.154	1.072	Phosphate
7	15.893	0.2181	0.392	3.276	Sulfate

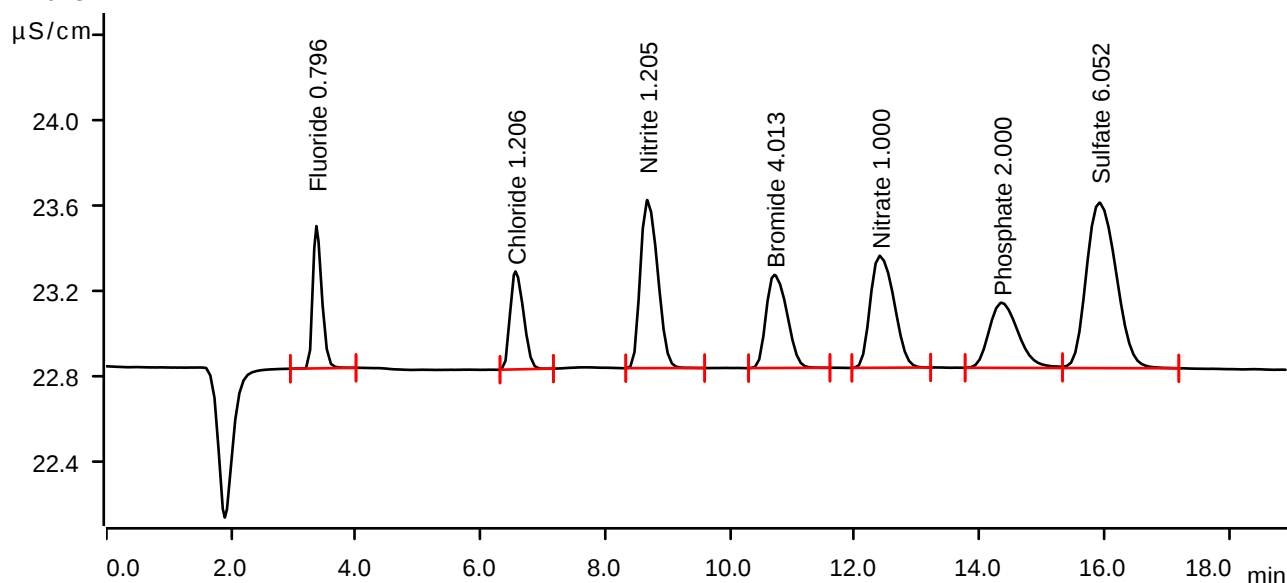
Sample data

Ident STD3
Sample type Standard 3
Determination start 2024-10-16 11:38:32 UTC-4
Method IC1-101624
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	3.368	0.1116	0.667	0.796	Fluoride
2	6.560	0.1143	0.459	1.206	Chloride
3	8.673	0.2538	0.788	1.205	Nitrite
4	10.712	0.1689	0.436	4.013	Bromide
5	12.398	0.2314	0.525	1.000	Nitrate
6	14.353	0.1657	0.305	2.000	Phosphate
7	15.922	0.4302	0.775	6.052	Sulfate

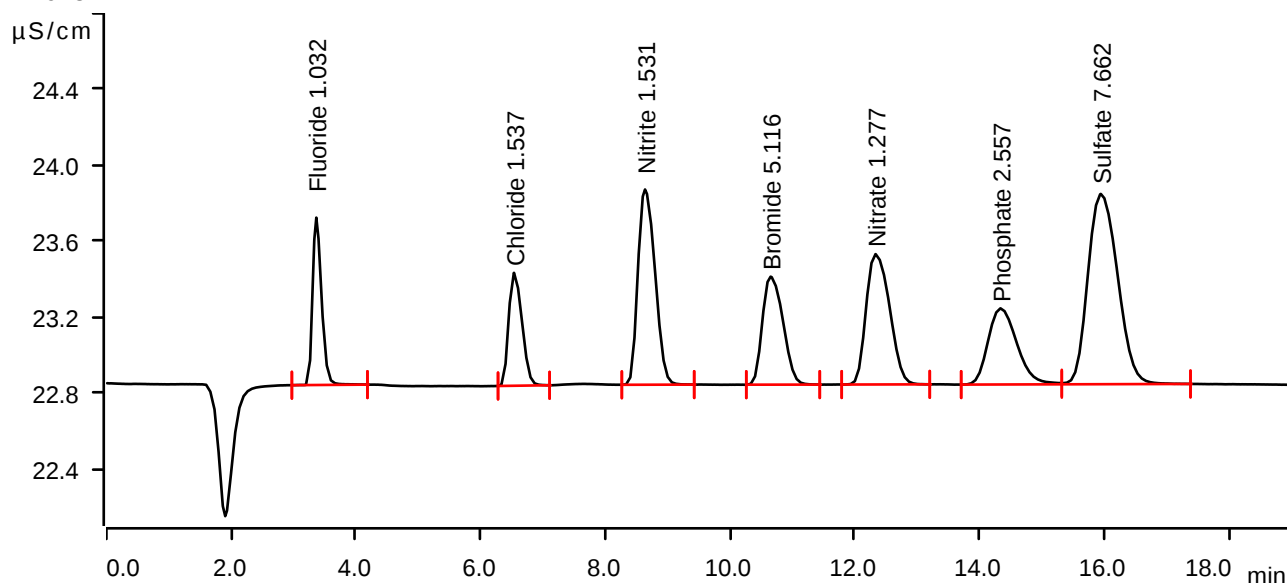
Sample data

Ident STD4
Sample type Standard 4
Determination start 2024-10-16 11:59:57 UTC-4
Method IC1-101624
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	3.367	0.1462	0.882	1.032	Fluoride
2	6.537	0.1469	0.595	1.537	Chloride
3	8.637	0.3270	1.029	1.531	Nitrite
4	10.650	0.2175	0.569	5.116	Bromide
5	12.332	0.2999	0.687	1.277	Nitrate
6	14.337	0.2147	0.401	2.557	Phosphate
7	15.945	0.5533	1.003	7.662	Sulfate

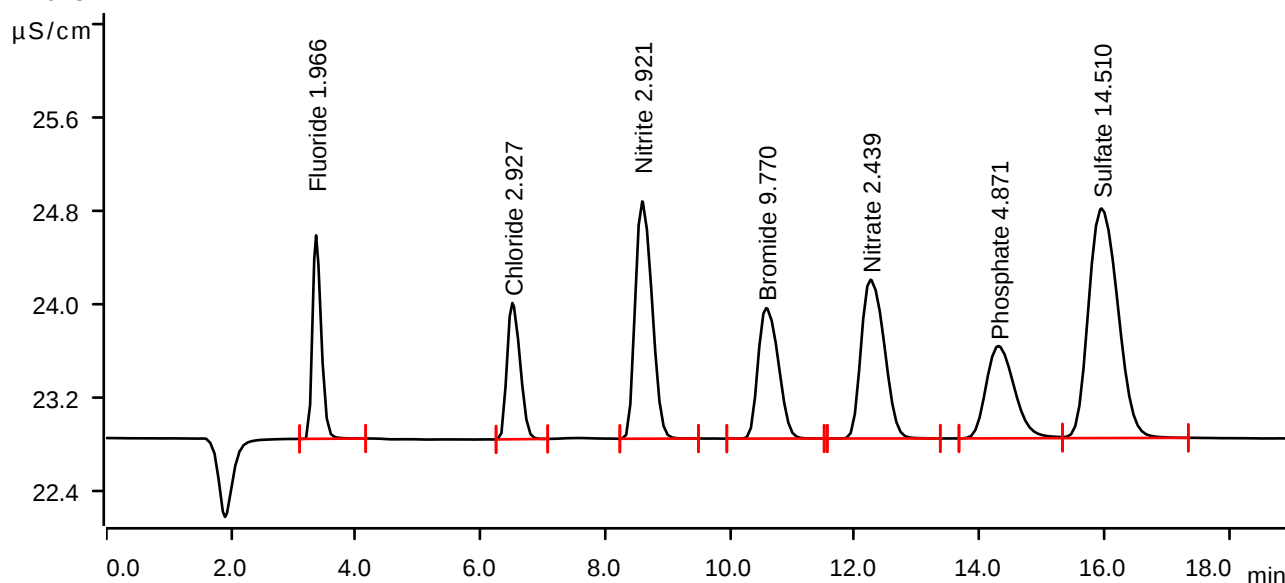
Sample data

Ident STD5
Sample type Standard 5
Determination start 2024-10-16 12:21:22 UTC-4
Method IC1-101624
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	3.363	0.2831	1.748	1.966	Fluoride
2	6.510	0.2841	1.170	2.927	Chloride
3	8.592	0.6381	2.038	2.921	Nitrite
4	10.580	0.4225	1.121	9.770	Bromide
5	12.252	0.5873	1.364	2.439	Nitrate
6	14.302	0.4179	0.793	4.871	Phosphate
7	15.955	1.0767	1.972	14.510	Sulfate

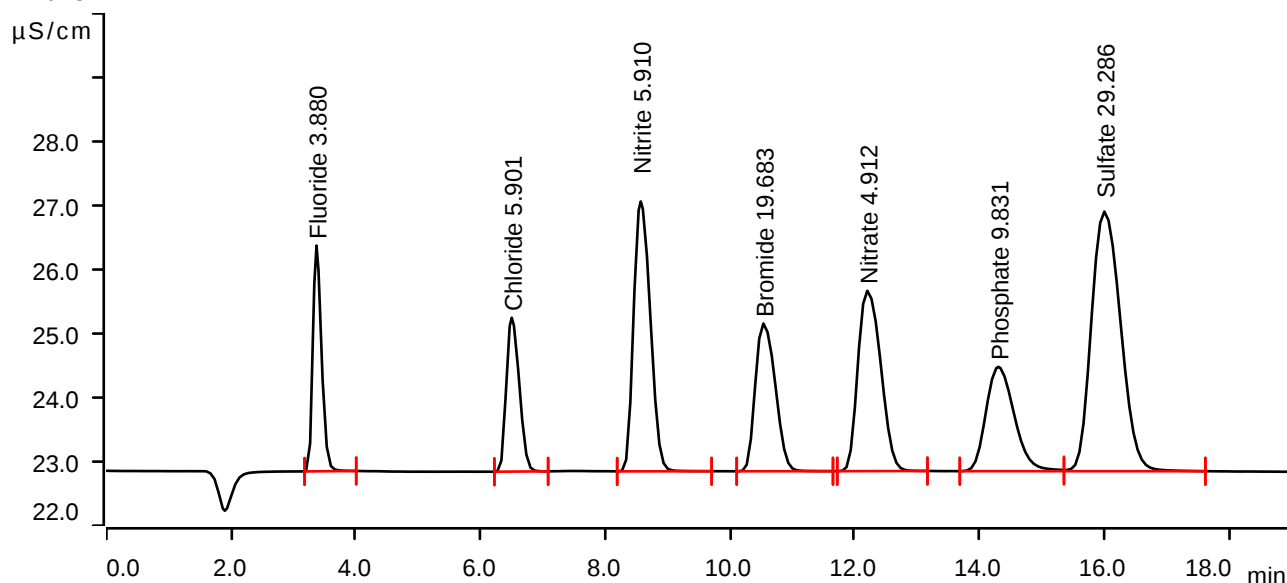
Sample data

Ident STD6
Sample type Standard 6
Determination start 2024-10-16 12:42:48 UTC-4
Method IC1-101624
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	3.370	0.5637	3.525	3.880	Fluoride
2	6.500	0.5774	2.404	5.901	Chloride
3	8.568	1.3072	4.215	5.910	Nitrite
4	10.535	0.8590	2.306	19.683	Bromide
5	12.202	1.1988	2.815	4.912	Nitrate
6	14.302	0.8536	1.629	9.831	Phosphate
7	16.002	2.2059	4.054	29.286	Sulfate

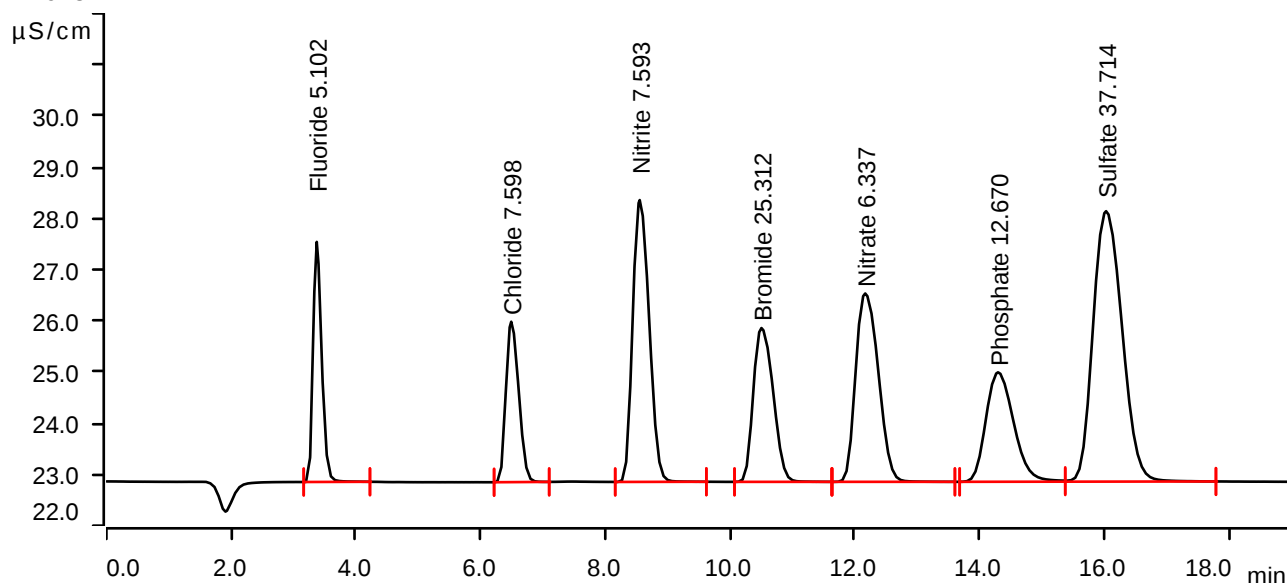
Sample data

Ident STD7
Sample type Standard 7
Determination start 2024-10-16 13:04:15 UTC-4
Method IC1-101624
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.373	0.7427	4.687	5.102	Fluoride
2	6.492	0.7448	3.132	7.598	Chloride
3	8.552	1.6841	5.502	7.593	Nitrite
4	10.503	1.1070	3.003	25.312	Bromide
5	12.167	1.5512	3.678	6.337	Nitrate
6	14.297	1.1030	2.137	12.670	Phosphate
7	16.028	2.8500	5.280	37.714	Sulfate

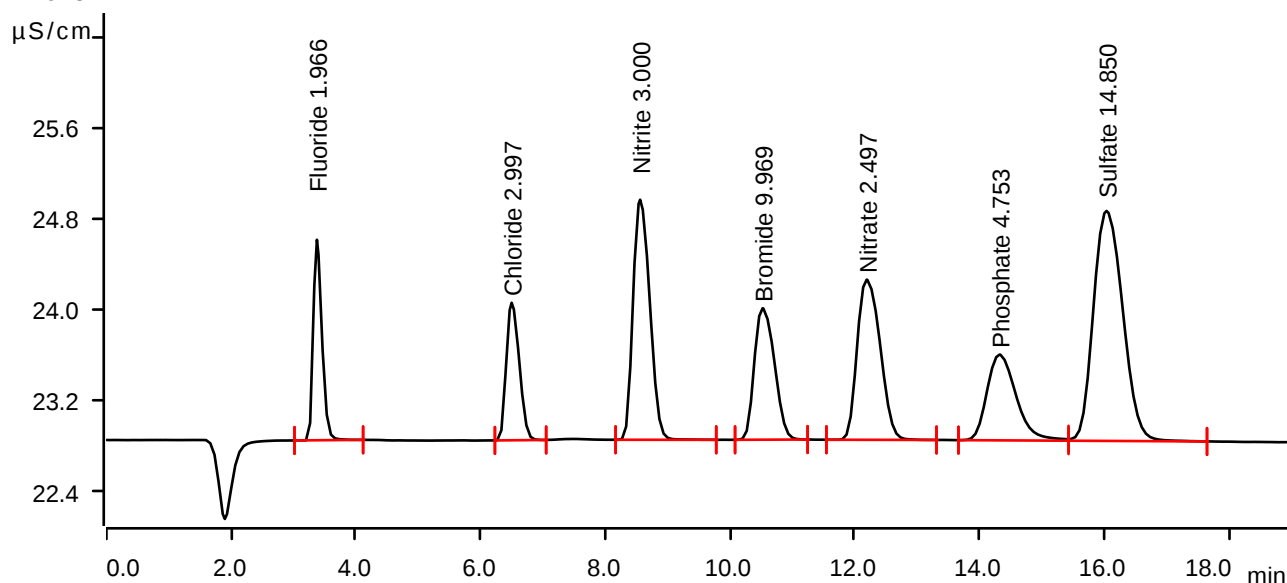
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2024-10-16 13:37:49 UTC-4
Method IC1-101624
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



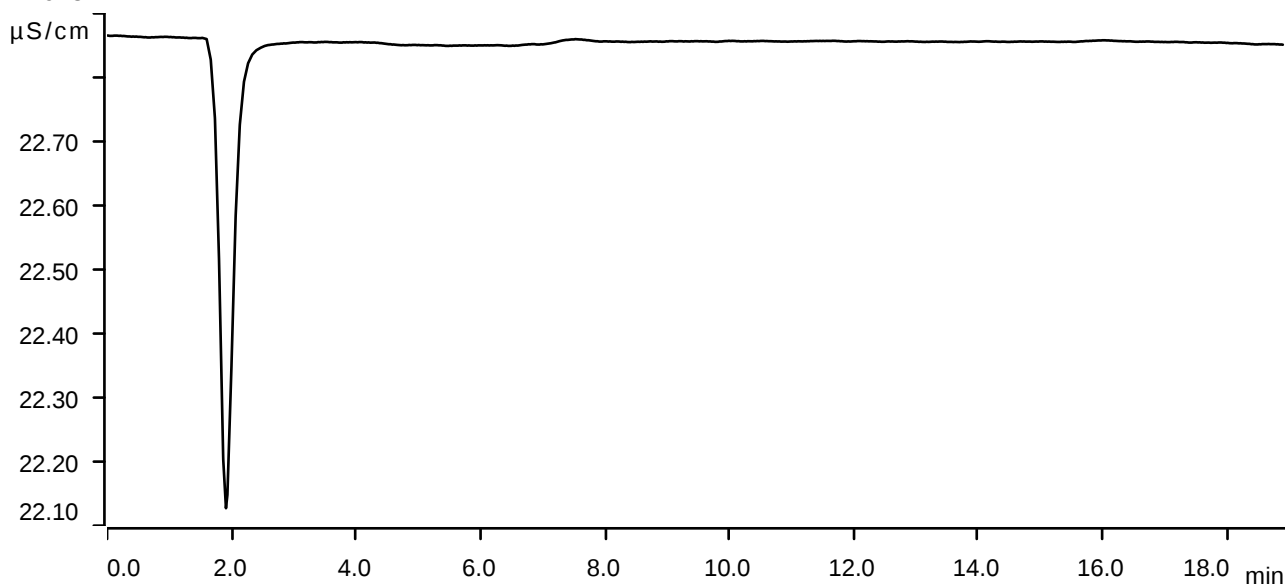
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.377	0.2830	1.762	1.966	Fluoride
2	6.498	0.2910	1.209	2.997	Chloride
3	8.558	0.6557	2.109	3.000	Nitrite
4	10.522	0.4312	1.155	9.969	Bromide
5	12.190	0.6017	1.407	2.497	Nitrate
6	14.320	0.4076	0.753	4.753	Phosphate
7	16.035	1.1027	2.020	14.850	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2024-10-16 13:59:18 UTC-4
Method IC1-101624
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

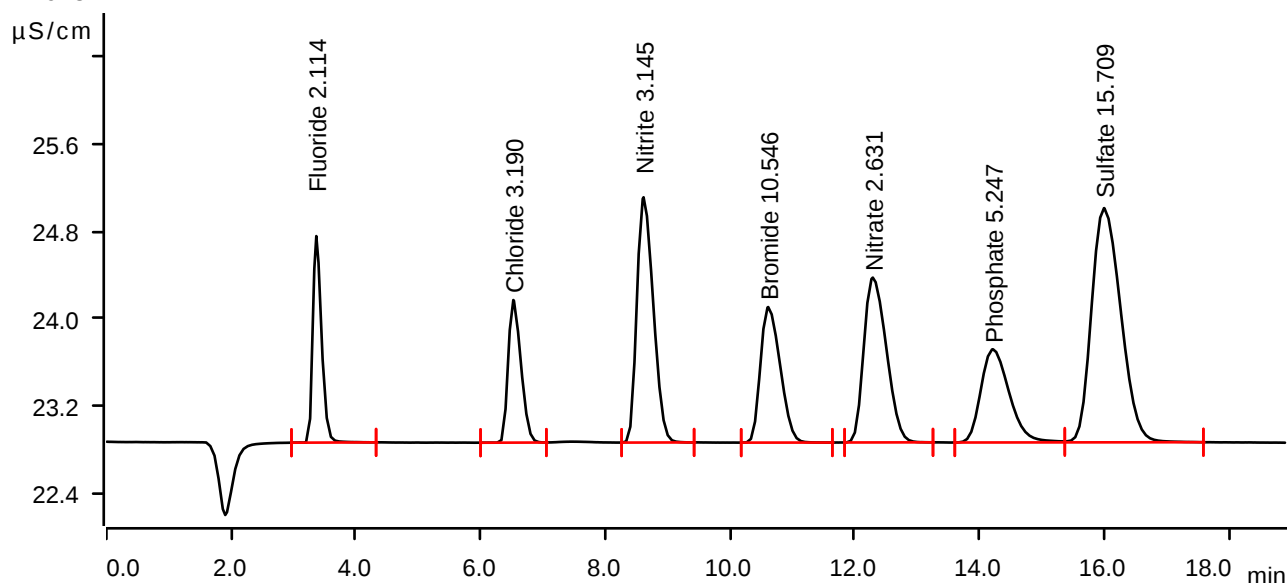
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-10-25 08:31:23 UTC-4
Method IC1-101624
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



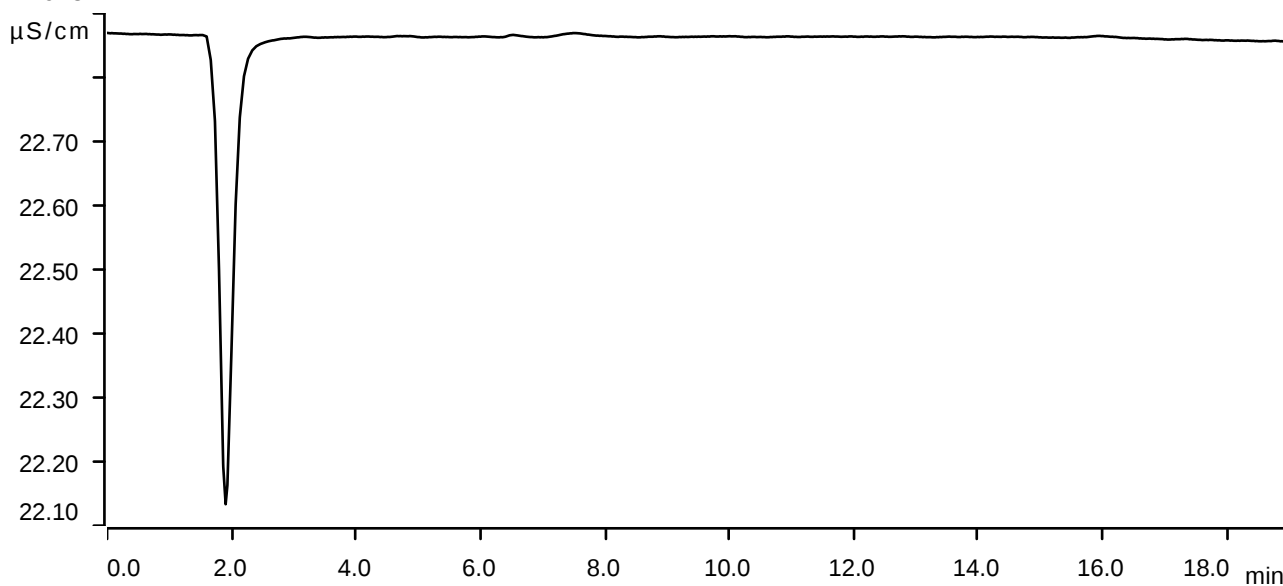
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.367	0.3048	1.895	2.114	Fluoride
2	6.525	0.3100	1.308	3.190	Chloride
3	8.613	0.6881	2.251	3.145	Nitrite
4	10.612	0.4566	1.244	10.546	Bromide
5	12.288	0.6347	1.513	2.631	Nitrate
6	14.215	0.4509	0.855	5.247	Phosphate
7	15.995	1.1683	2.149	15.709	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-10-25 08:52:54 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.71 MPa
Maximum pressure monitored yes
Temperature ---- °C

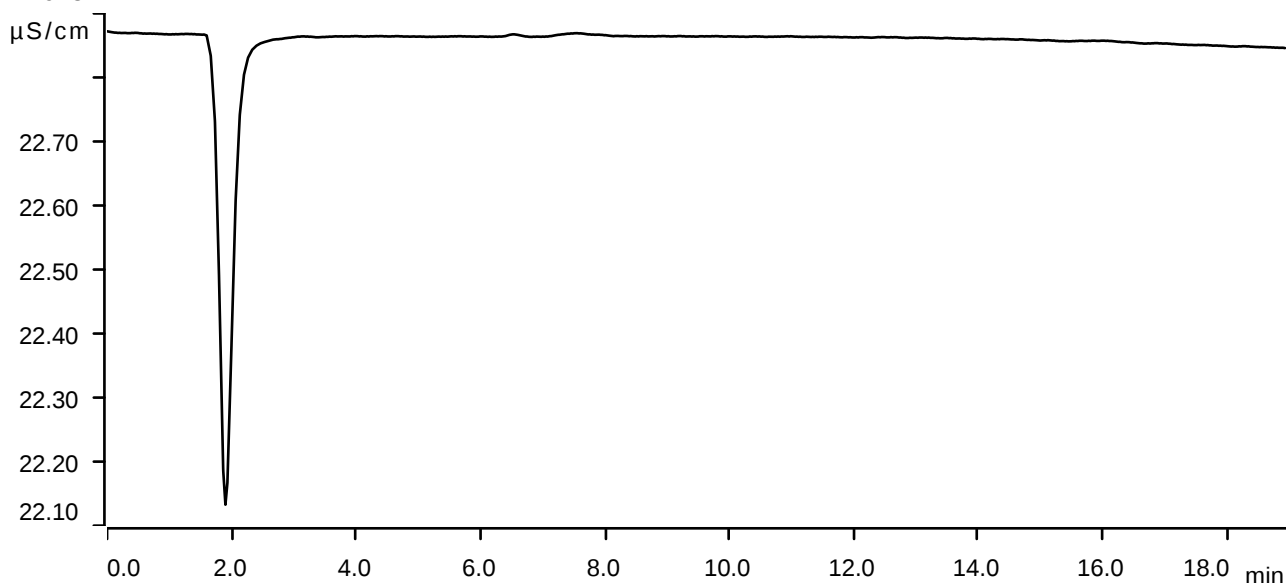
Anions

Sample data

Ident LB133119BLW
Sample type Sample
Determination start 2024-10-25 09:14:23 UTC-4
Method IC1-101624
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

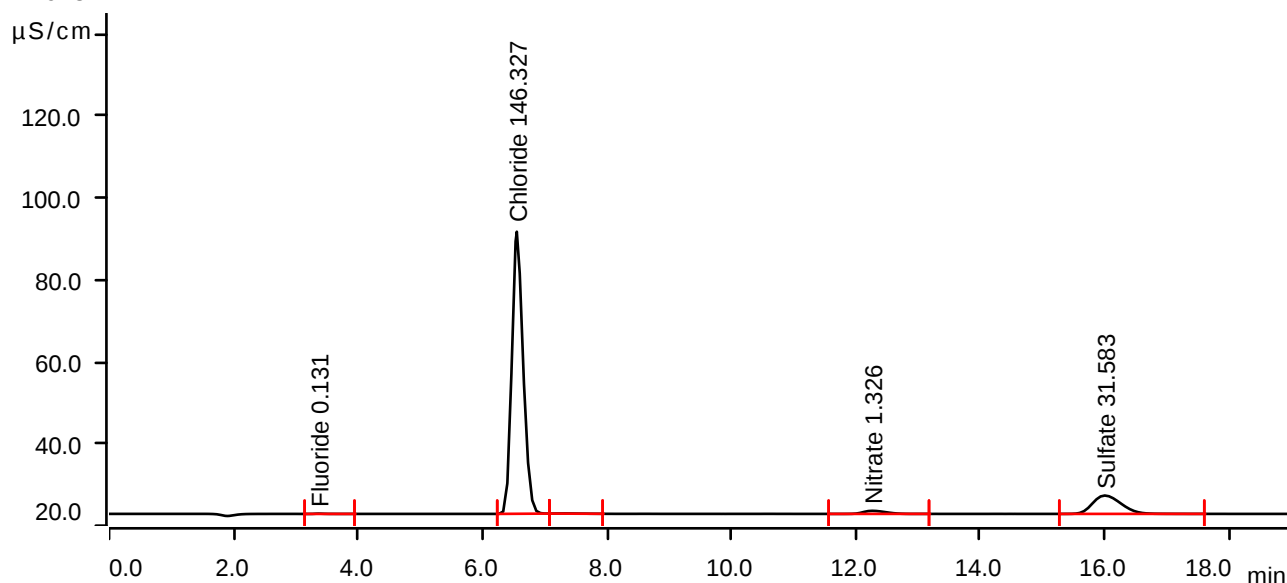
Sample data

Ident P4548-01
Sample type Sample
Determination start 2024-10-25 09:35:54 UTC-4
Method IC1-101624
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	3.365	0.0142	0.076	0.131	Fluoride
2	6.553	14.4296	68.837	146.327	Chloride
3	7.315	0.0190	0.045	invalid	
4	12.263	0.3119	0.755	1.326	Nitrate
5	16.002	2.3814	4.483	31.583	Sulfate

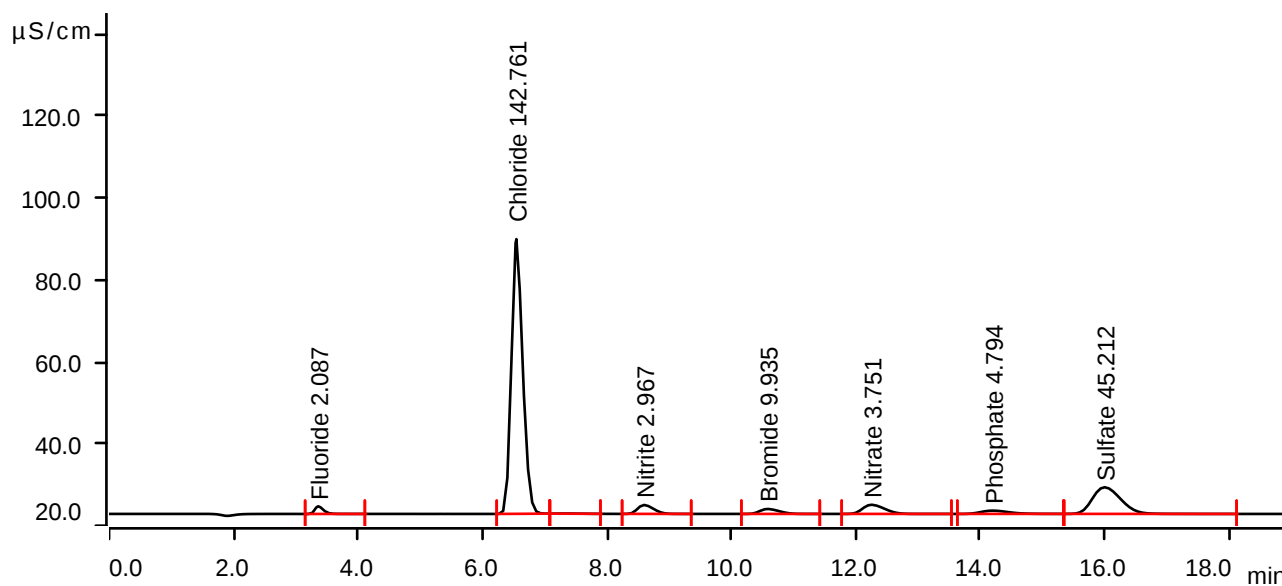
Sample data

Ident P4548-01MS
Sample type Sample
Determination start 2024-10-25 09:57:26 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.56 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.363	0.3008	1.882	2.087	Fluoride
2	6.547	14.0779	67.042	142.761	Chloride
3	7.312	0.0162	0.039	invalid	
4	8.600	0.6483	2.179	2.967	Nitrite
5	10.583	0.4297	1.198	9.935	Bromide
6	12.252	0.9116	2.225	3.751	Nitrate
7	14.202	0.4111	0.800	4.794	Phosphate
8	15.998	3.4230	6.501	45.212	Sulfate

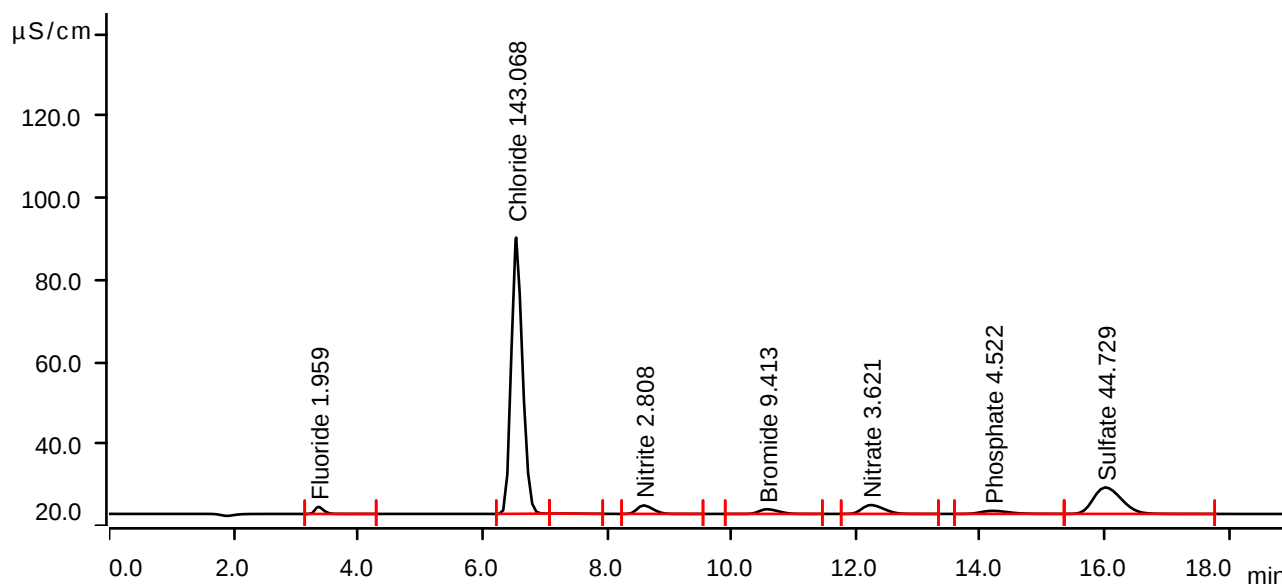
Sample data

Ident P4548-01MSD
Sample type Sample
Determination start 2024-10-25 10:18:59 UTC-4
Method IC1-101624
Operator

Anions

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

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.367	0.2821	1.751	1.959	Fluoride
2	6.543	14.1082	67.411	143.068	Chloride
3	7.300	0.0144	0.035	invalid	
4	8.592	0.6127	2.066	2.808	Nitrite
5	10.573	0.4067	1.139	9.413	Bromide
6	12.243	0.8796	2.158	3.621	Nitrate
7	14.202	0.3872	0.750	4.522	Phosphate
8	16.013	3.3861	6.449	44.729	Sulfate

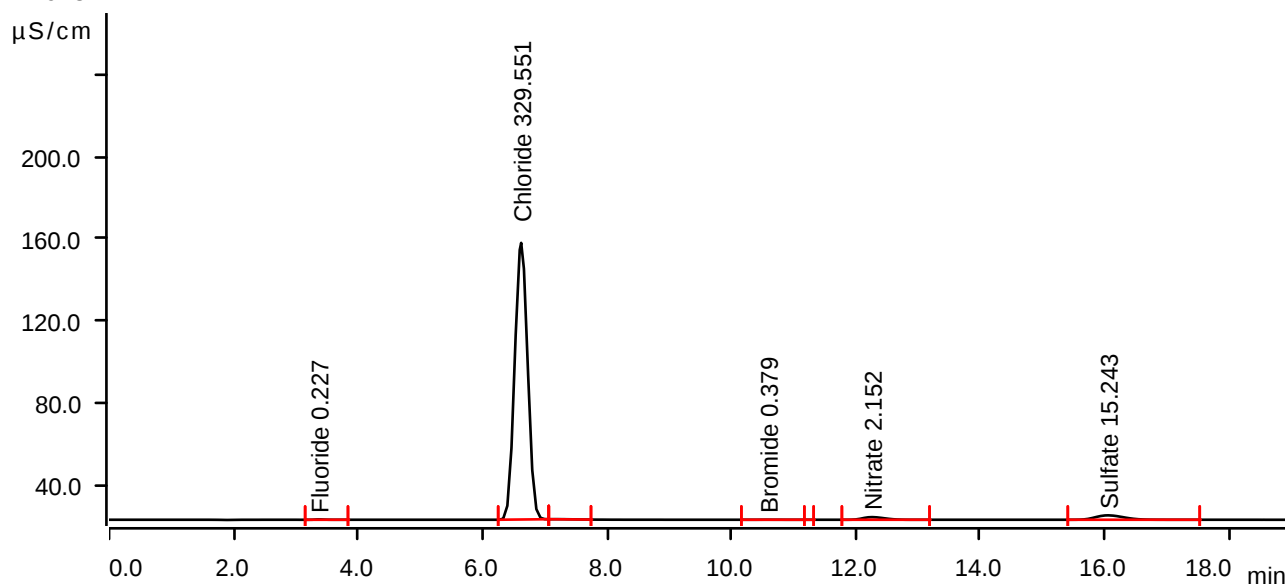
Sample data

Ident P4548-05
Sample type Sample
Determination start 2024-10-25 10:40:33 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.77 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.368	0.0282	0.170	0.227	Fluoride
2	6.623	32.5037	135.026	329.551	Chloride
3	7.203	0.0239	0.063	invalid	
4	10.587	0.0088	0.023	0.379	Bromide
5	11.190	0.0001	0.001	invalid	
6	12.258	0.5163	1.281	2.152	Nitrate
7	16.050	1.1327	2.151	15.243	Sulfate

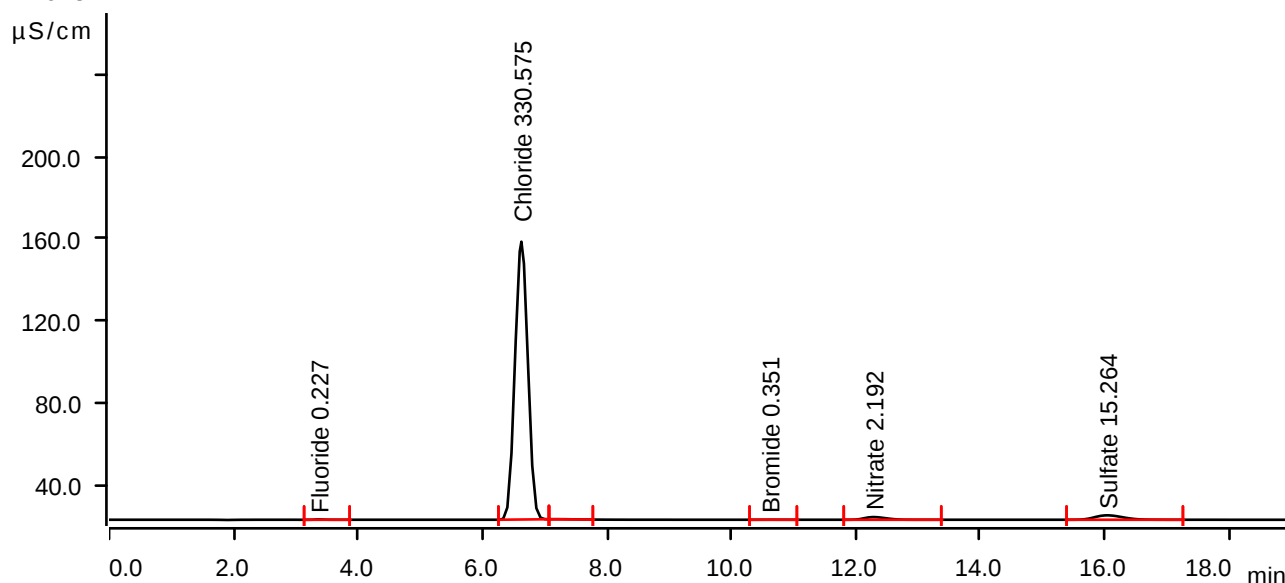
Sample data

Ident P4548-07
Sample type Sample
Determination start 2024-10-25 11:02:07 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.77 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.365	0.0282	0.170	0.227	Fluoride
2	6.627	32.6047	135.595	330.575	Chloride
3	7.208	0.0252	0.065	invalid	
4	10.615	0.0076	0.022	0.351	Bromide
5	12.283	0.5262	1.300	2.192	Nitrate
6	16.038	1.1343	2.164	15.264	Sulfate

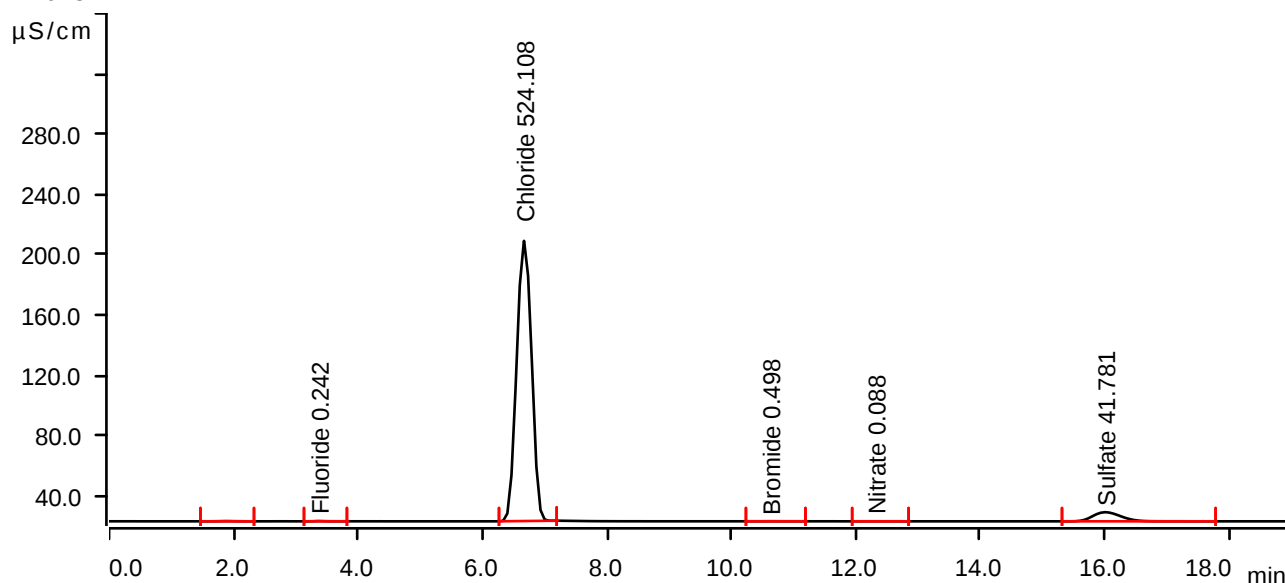
Sample data

Ident P4548-03
Sample type Sample
Determination start 2024-10-25 11:23:41 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.77 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.878	0.0404	0.150	invalid	
2	3.370	0.0305	0.183	0.242	Fluoride
3	6.670	51.6956	185.961	524.108	Chloride
4	10.627	0.0141	0.039	0.498	Bromide
5	12.315	0.0058	0.014	0.088	Nitrate
6	16.008	3.1608	6.046	41.781	Sulfate

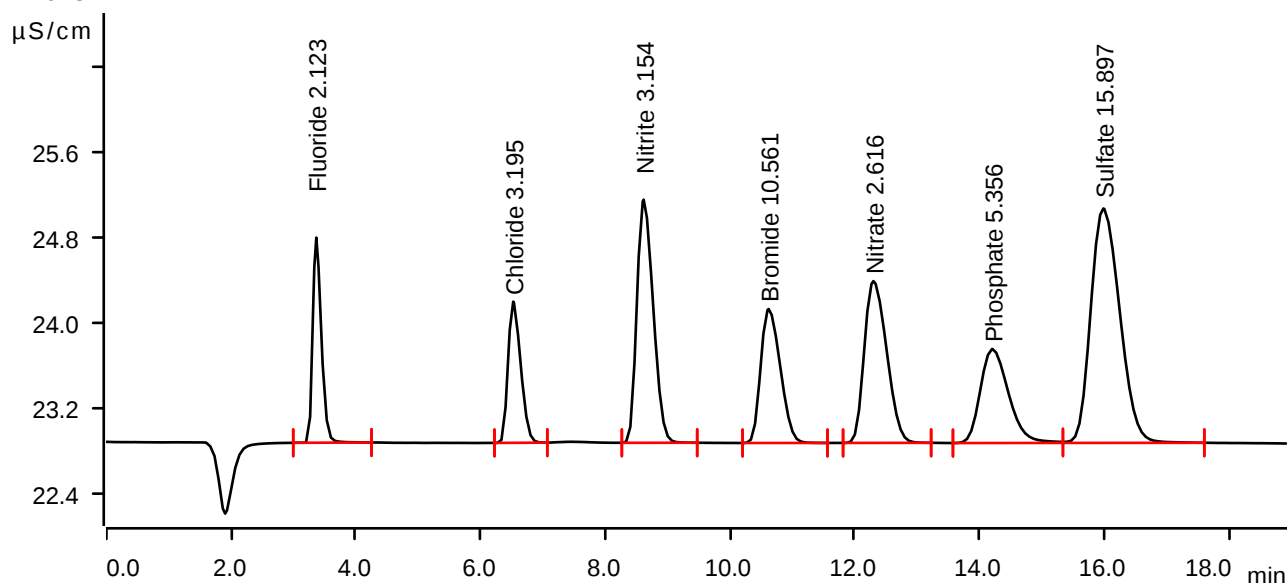
Sample data

Ident LB133119BSW
Sample type Check standard 1
Determination start 2024-10-25 11:45:15 UTC-4
Method IC1-101624
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	3.367	0.3061	1.922	2.123	Fluoride
2	6.523	0.3105	1.323	3.195	Chloride
3	8.615	0.6903	2.278	3.154	Nitrite
4	10.618	0.4573	1.256	10.561	Bromide
5	12.298	0.6311	1.516	2.616	Nitrate
6	14.205	0.4605	0.881	5.356	Phosphate
7	15.985	1.1827	2.197	15.897	Sulfate

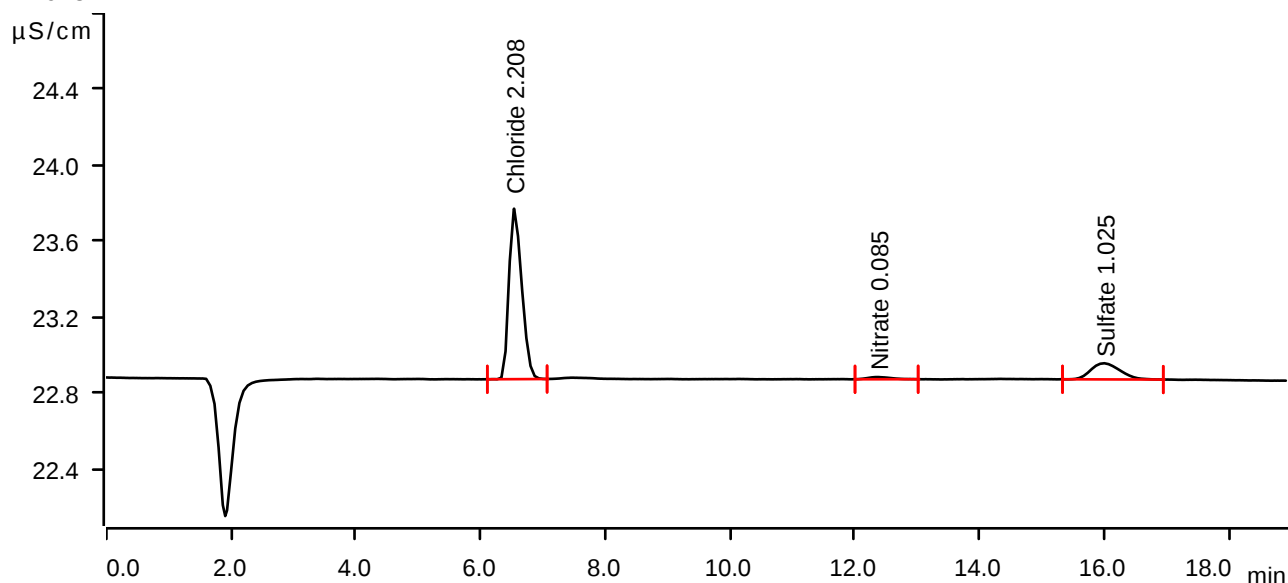
Sample data

Ident P4548-01DLX50
Sample type Sample
Determination start 2024-10-25 12:06:47 UTC-4
Method IC1-101624
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	6.538	0.2131	0.899	2.208	Chloride
2	12.377	0.0049	0.011	0.085	Nitrate
3	16.002	0.0461	0.085	1.025	Sulfate

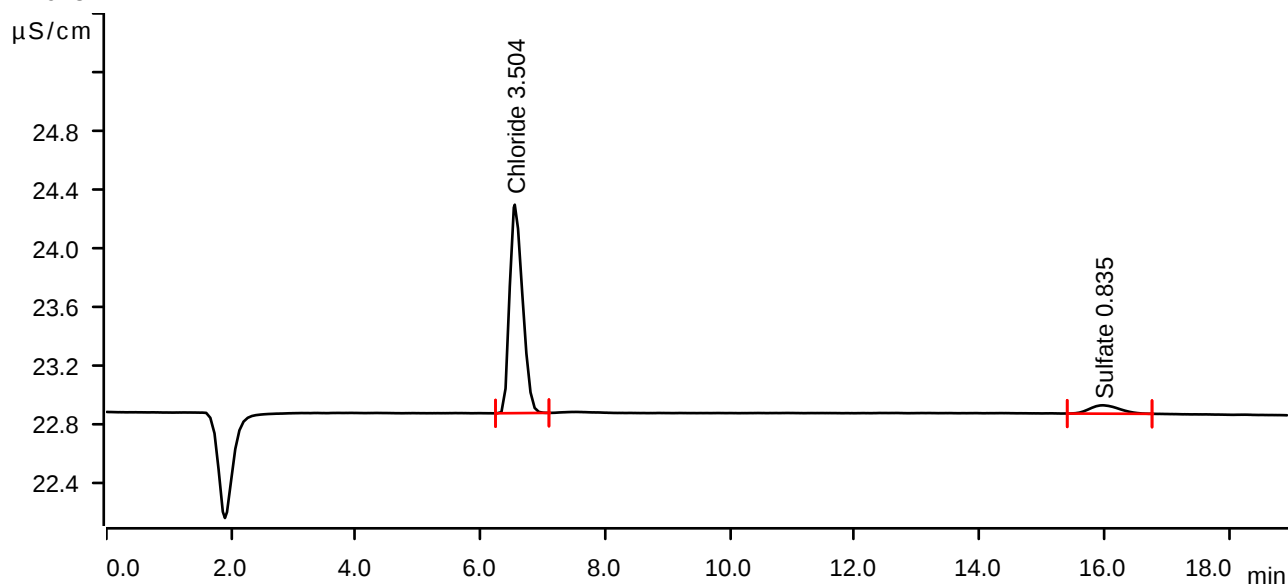
Sample data

Ident P4548-03DLX100
Sample type Sample
Determination start 2024-10-25 12:28:09 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.05 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.548	0.3410	1.424	3.504	Chloride
2	15.977	0.0316	0.057	0.835	Sulfate

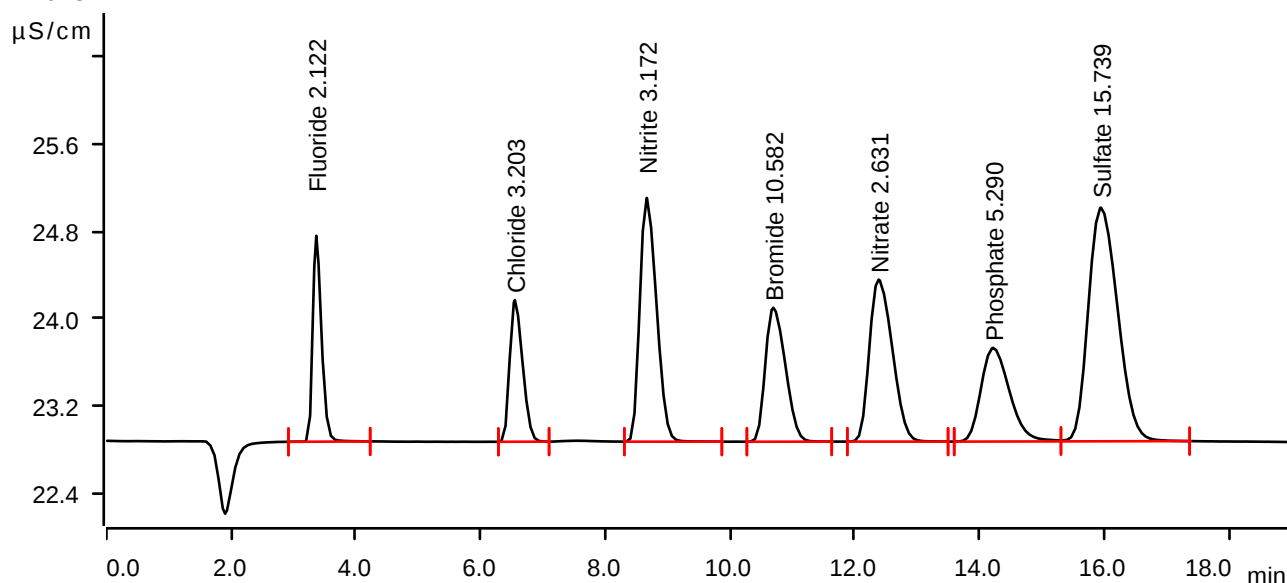
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-10-25 12:49:41 UTC-4
Method IC1-101624
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



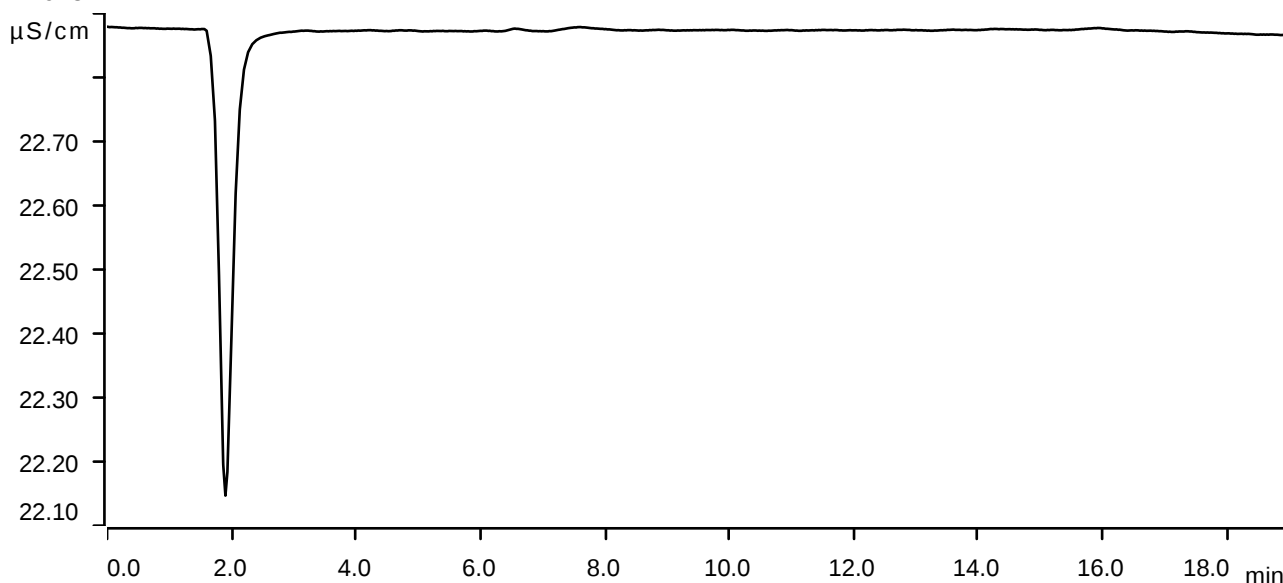
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.367	0.3060	1.889	2.122	Fluoride
2	6.550	0.3113	1.300	3.203	Chloride
3	8.663	0.6943	2.237	3.172	Nitrite
4	10.693	0.4582	1.229	10.582	Bromide
5	12.382	0.6348	1.486	2.631	Nitrate
6	14.218	0.4547	0.860	5.290	Phosphate
7	15.947	1.1706	2.145	15.739	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-10-25 13:11:11 UTC-4
Method IC1-101624
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

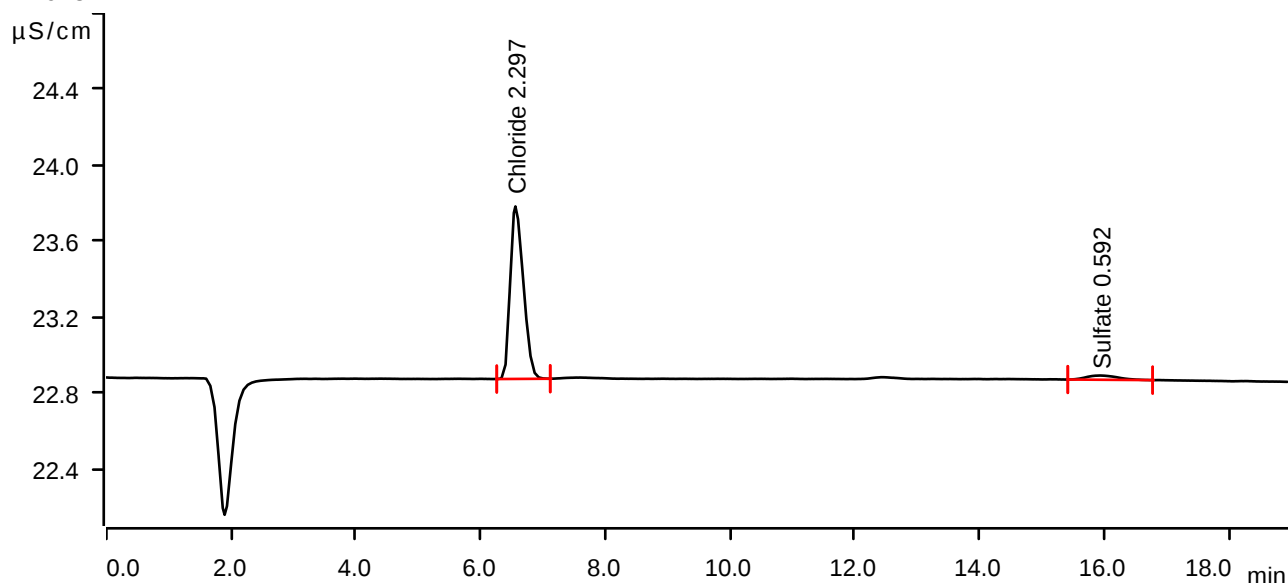
Sample data

Ident P4548-05DLX100
Sample type Sample
Determination start 2024-10-25 13:32:40 UTC-4
Method IC1-101624
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	6.558	0.2219	0.909	2.297	Chloride
2	15.937	0.0130	0.022	0.592	Sulfate

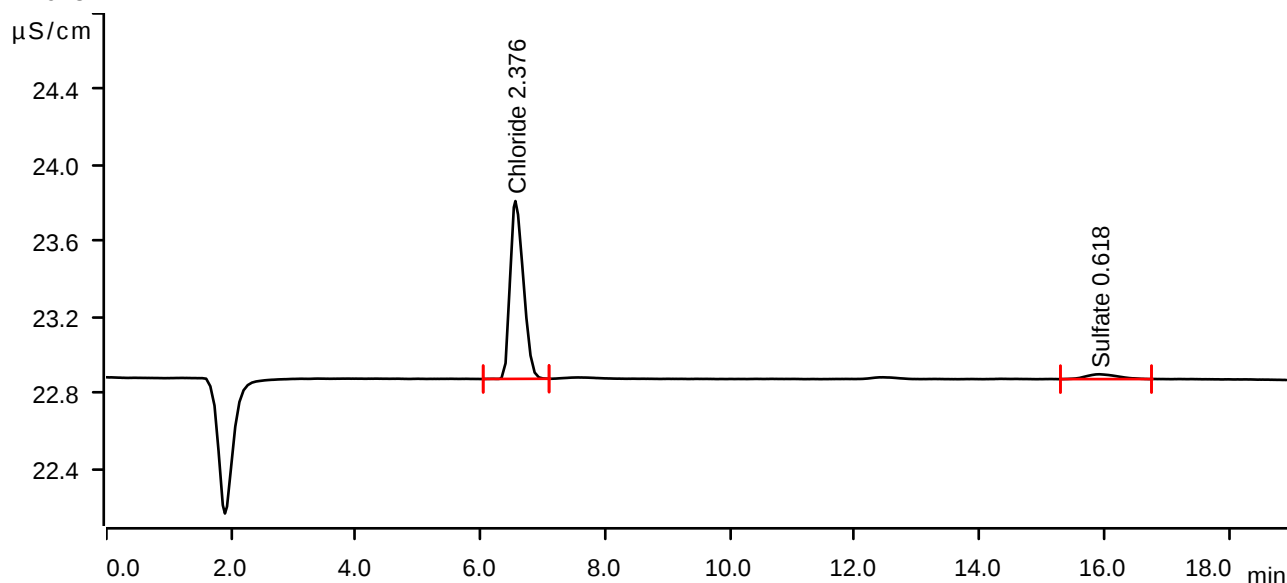
Sample data

Ident P4548-07DLX100
Sample type Sample
Determination start 2024-10-25 13:54:11 UTC-4
Method IC1-101624
Operator

Anions

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

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	6.558	0.2297	0.937	2.376	Chloride
2	15.920	0.0150	0.025	0.618	Sulfate

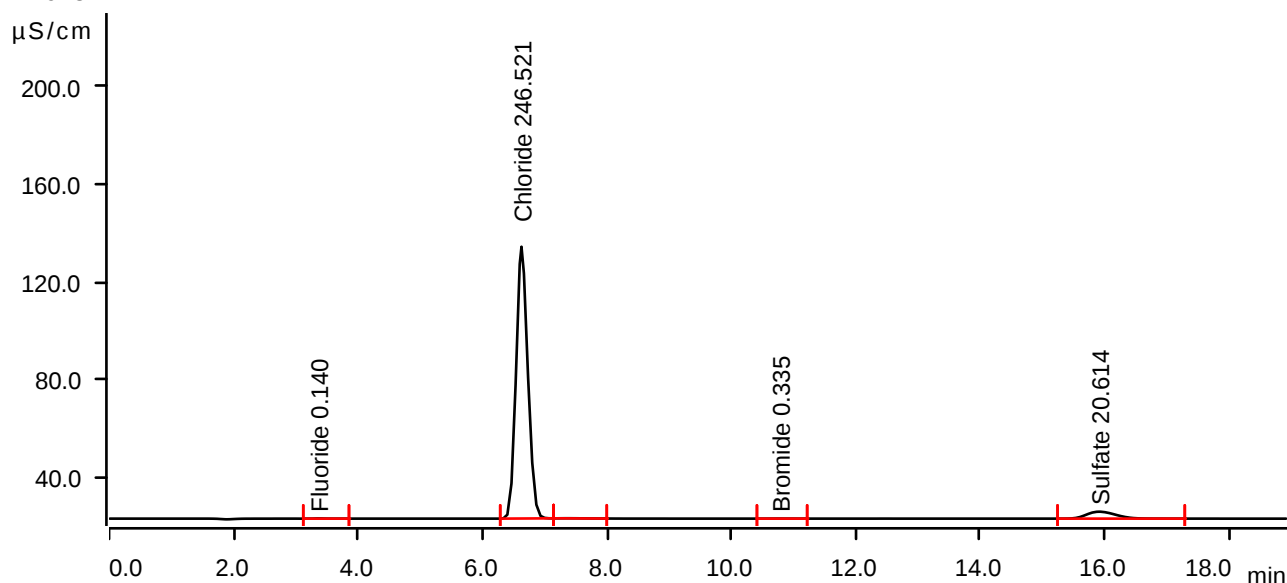
Sample data

Ident P4548-03DL2X2
Sample type Sample
Determination start 2024-10-25 14:15:41 UTC-4
Method IC1-101624
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.358	0.0155	0.092	0.140	Fluoride
2	6.628	24.3132	111.428	246.521	Chloride
3	7.378	0.0249	0.058	invalid	
4	10.780	0.0069	0.019	0.335	Bromide
5	15.910	1.5432	2.848	20.614	Sulfate

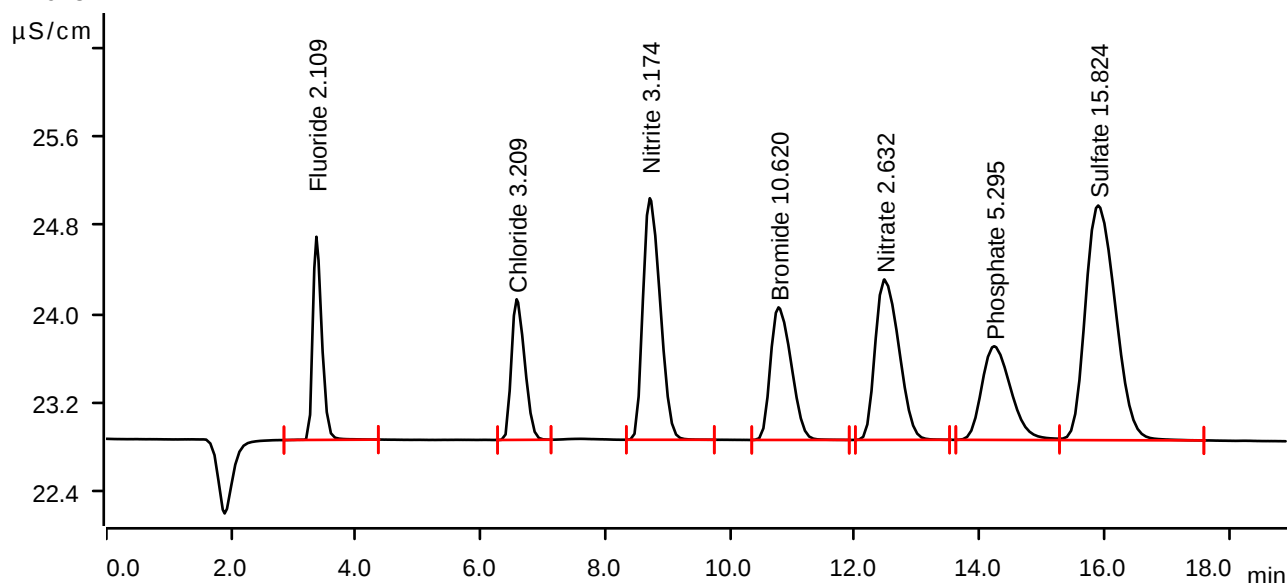
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-10-25 14:37:11 UTC-4
Method IC1-101624
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	3.368	0.3041	1.824	2.109	Fluoride
2	6.578	0.3119	1.263	3.209	Chloride
3	8.713	0.6947	2.170	3.174	Nitrite
4	10.777	0.4599	1.191	10.620	Bromide
5	12.475	0.6351	1.440	2.632	Nitrate
6	14.235	0.4551	0.841	5.295	Phosphate
7	15.902	1.1771	2.108	15.824	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-10-25 14:58:41 UTC-4
Method IC1-101624
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

