

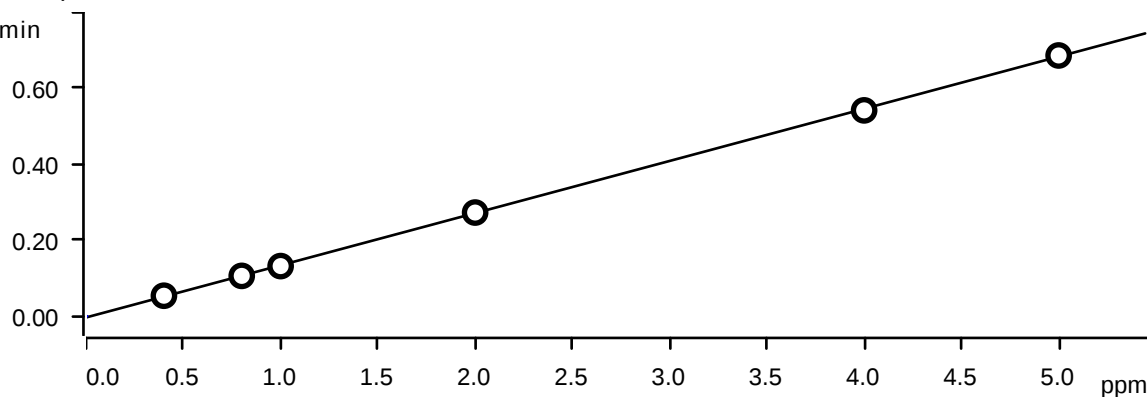
Clear table

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

ident	concentra tion F-	concentratio n CL-	concentratio on NO2	concentratio on BR-	concentratio on NO3	concentratio n HPO4	concentratio on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-051324	5/13/2024 15:40		IZ/MA
STD2	0.4450	0.6690	0.6700	2.1990	0.5620	1.1310	3.4510	IC1-051324	5/13/2024 16:02		IZ/MA
STD3	0.8040	1.2260	1.2290	4.0910	1.0210	1.9980	6.1260	IC1-051324	5/13/2024 16:23		IZ/MA
STD4	1.0000	1.4810	1.4990	4.9540	1.2400	2.5220	7.4370	IC1-051324	5/13/2024 16:45		IZ/MA
STD5	1.9530	2.9200	2.8930	9.7290	2.4170	4.8420	14.4330	IC1-051324	5/13/2024 17:06		IZ/MA
STD6	3.9170	5.8890	5.8830	19.6980	4.9170	9.7880	29.2960	IC1-051324	5/13/2024 17:27		IZ/MA
STD7	5.0810	7.6150	7.6260	25.3280	6.3430	12.7180	37.7560	IC1-051324	5/13/2024 17:49		IZ/MA

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

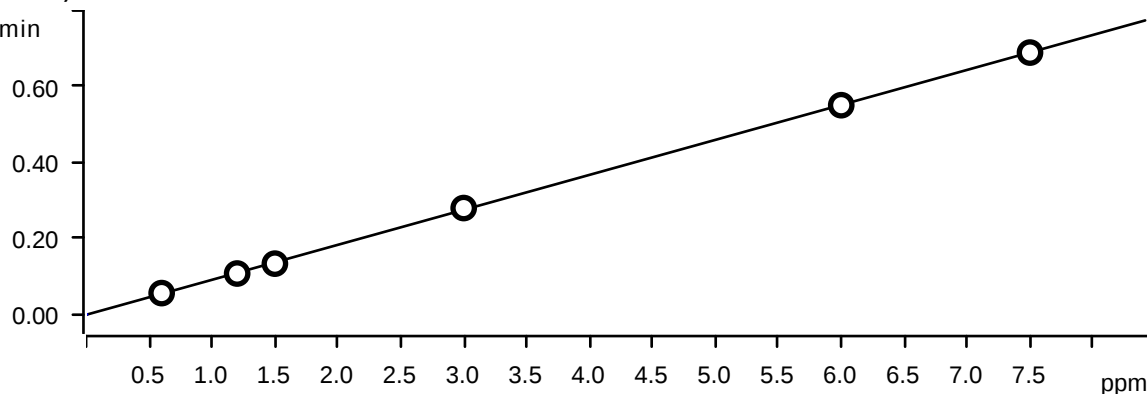
ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4
STD1							
STD2	11.2500	11.5000	11.6667	9.9500	12.4000	13.1000	15.0333
STD3	0.5000	2.1667	2.4167	2.2750	2.1000	-0.1000	2.1000
STD4	0.0000	-1.2667	-0.0667	-0.9200	-0.8000	0.8800	-0.8400
STD5	-2.3500	-2.6667	-3.5667	-2.7100	-3.3200	-3.1600	-3.7800
STD6	-2.0750	-1.8500	-1.9500	-1.5100	-1.6600	-2.1200	-2.3467
STD7	1.6200	1.5333	1.6800	1.3120	1.4880	1.7440	2.0432

Fluoride (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -3.05003E-3 + 0.0137350 \times Q$

Relative standard deviation 1.034950 %

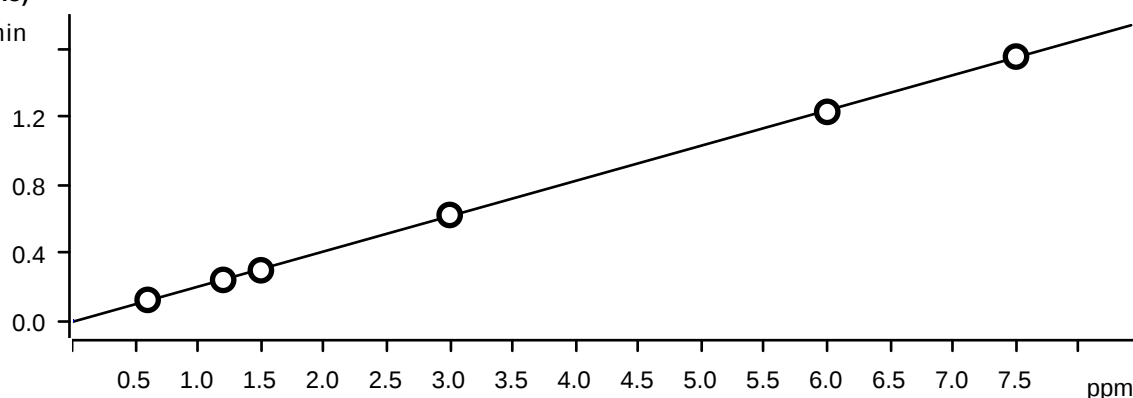
Correlation coefficient 0.999943

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.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.054	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.106	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.132	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.273	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.542	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.687	Std 7	2024-04-13 01:04:41 UTC-4	used

Chloride (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -1.03082E-3 + 9.21146E-3 \times Q$

Relative standard deviation 1.071537 %
Correlation coefficient 0.999938

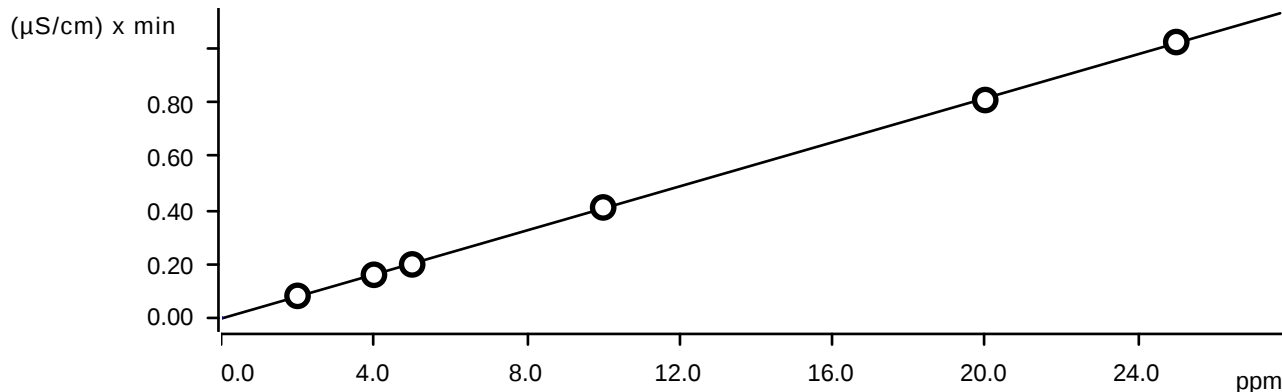
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.056	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.108	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.134	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.280	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.551	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.689	Std 7	2024-04-13 01:04:41 UTC-4	used

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

Function: $A = -8.19751E-3 + 0.0207534 \times Q$
Relative standard deviation 1.139145 %
Correlation coefficient 0.999931

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.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.122	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.239	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.296	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.621	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.228	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.554	Std 7	2024-04-13 01:04:41 UTC-4	used

Bromide (Anions)



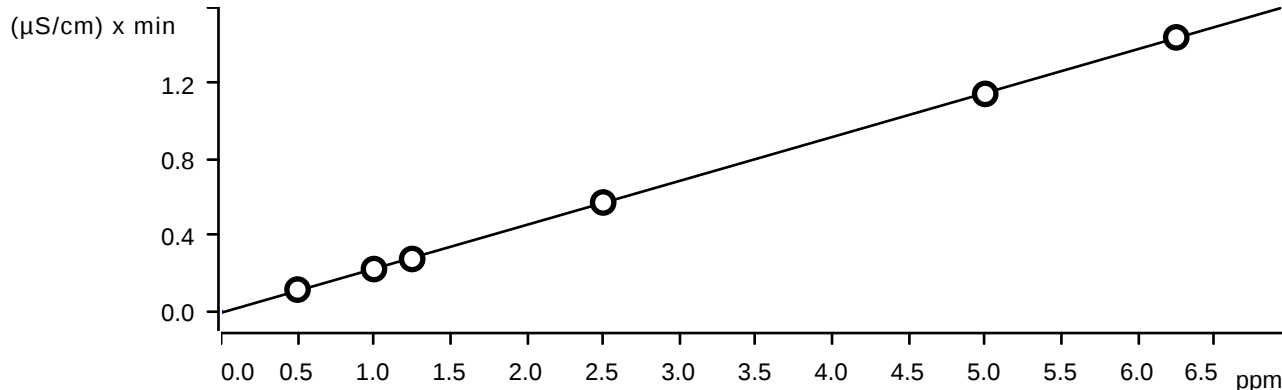
Function: $A = -2.93159E-3 + 4.09511E-3 \times Q$

Relative standard deviation: 1.087762 %

Correlation coefficient: 0.999936

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.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.082	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.160	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.199	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.410	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.810	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.025	Std 7	2024-04-13 01:04:41 UTC-4	used

Nitrate (Anions)



Function: $A = -7.15004E-3 + 0.0231424 \times Q$

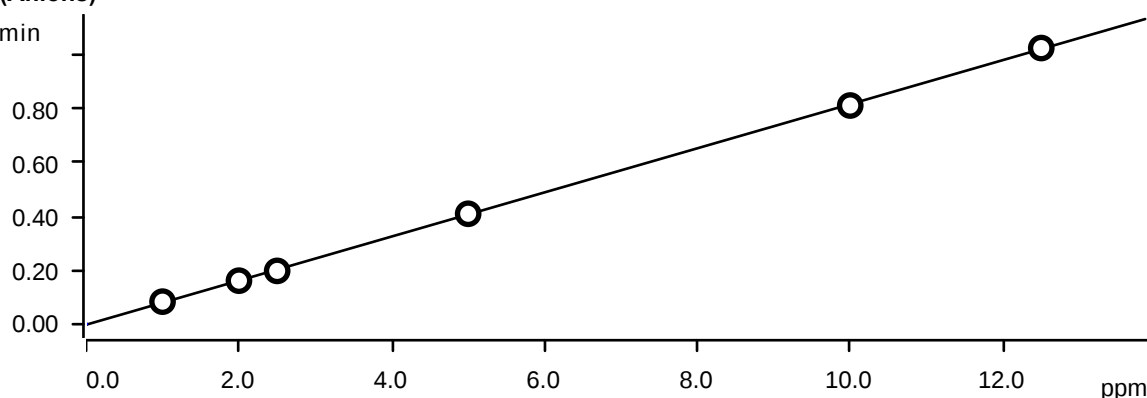
Relative standard deviation: 0.870938 %

Correlation coefficient 0.999960

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.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.115	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.223	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.276	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.573	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.145	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.443	Std 7	2024-04-13 01:04:41 UTC-4	used

Phosphate (Anions)

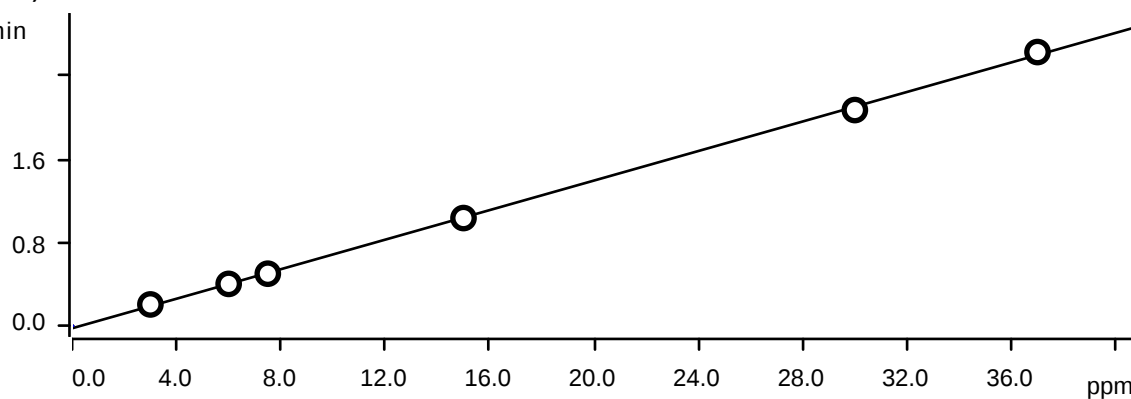
(μS/cm) x min

Function: $A = -2.37452E-3 + 8.19864E-3 \times Q$

Relative standard deviation 1.011855 %

Correlation coefficient 0.999945

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.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.083	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.161	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.198	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.410	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.813	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.026	Std 7	2024-04-13 01:04:41 UTC-4	used

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0233221 + 7.09240E-3 \times Q$

Relative standard deviation 2.047074 %

Correlation coefficient 0.999778

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.206	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.403	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.501	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.035	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.072	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.629	Std 7	2024-04-13 01:04:41 UTC-4	used

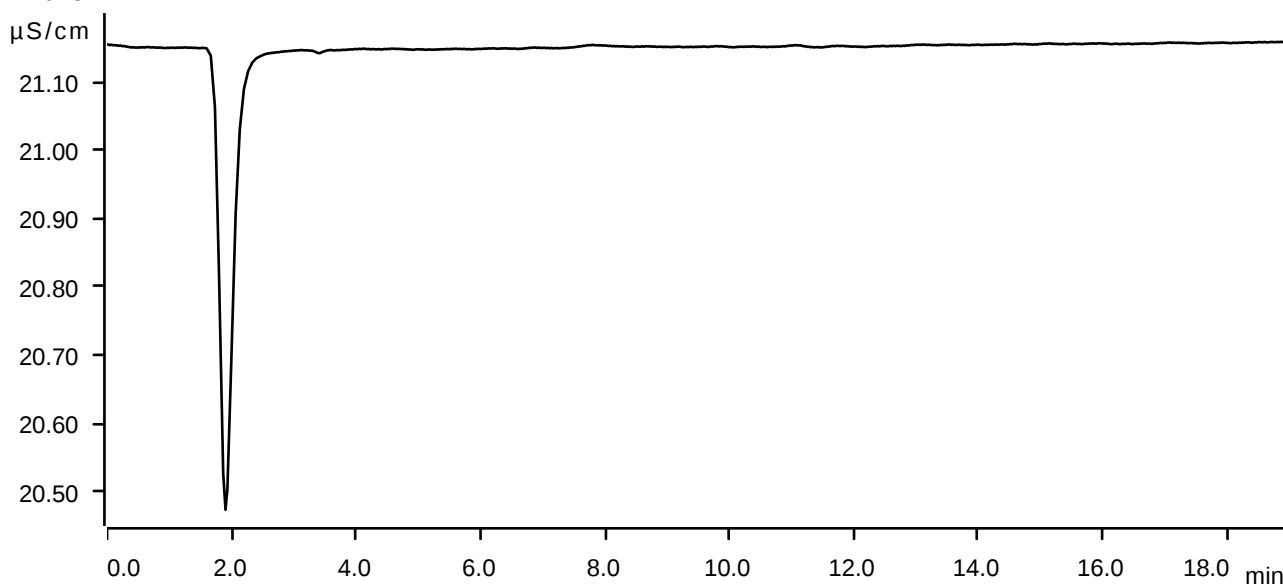
Sample data

Ident Std 1
Sample type Standard 1
Determination start 2024-04-12 22:45:19 UTC-4
Method anions
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



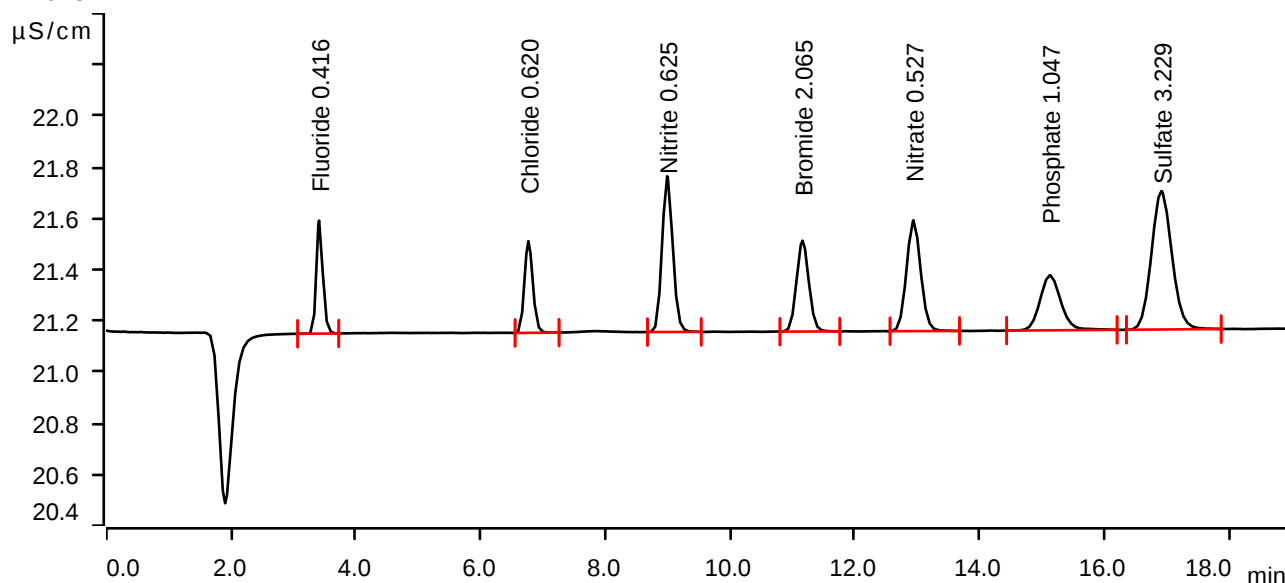
Sample data

Ident Std 2
Sample type Standard 2
Determination start 2024-04-12 23:06:41 UTC-4
Method anions
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	3.412	0.0541	0.441	0.416	Fluoride
2	6.767	0.0561	0.358	0.620	Chloride
3	8.993	0.1216	0.608	0.625	Nitrite
4	11.162	0.0816	0.355	2.065	Bromide
5	12.940	0.1148	0.433	0.527	Nitrate
6	15.127	0.0834	0.215	1.047	Phosphate
7	16.915	0.2057	0.541	3.229	Sulfate

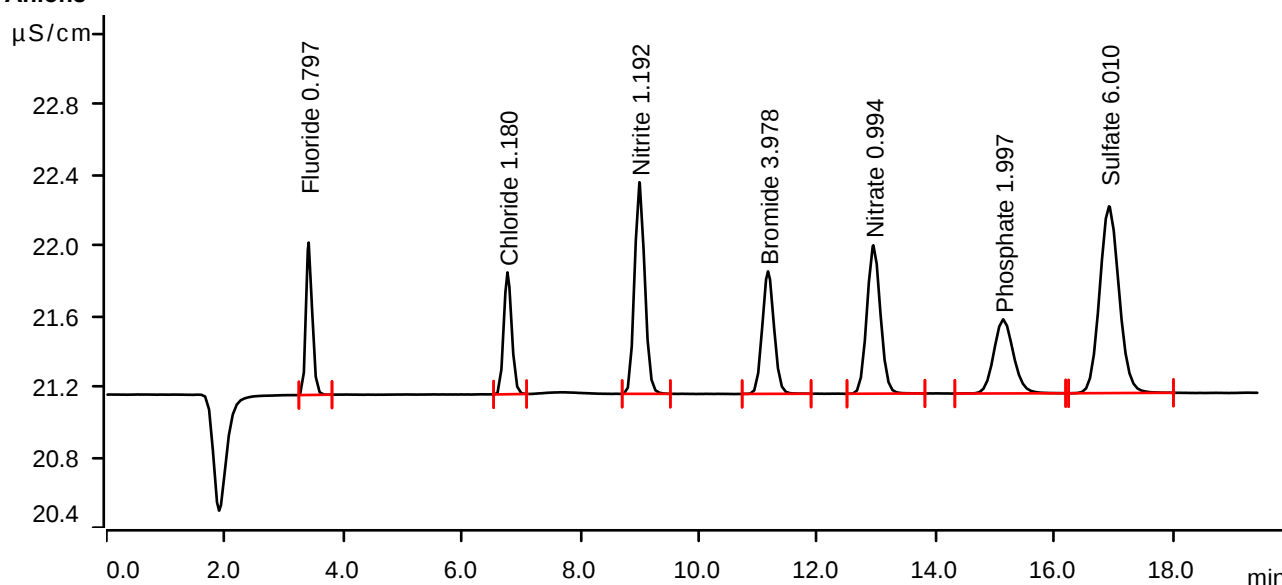
Sample data

Ident Std 3
Sample type Standard 3
Determination start 2024-04-12 22:38:39 UTC-5
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.5 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	3.415	0.1064	0.863	0.797	Fluoride
2	6.770	0.1076	0.690	1.180	Chloride
3	8.997	0.2391	1.198	1.192	Nitrite
4	11.167	0.1600	0.694	3.978	Bromide
5	12.945	0.2229	0.840	0.994	Nitrate
6	15.137	0.1614	0.420	1.997	Phosphate
7	16.922	0.4029	1.057	6.010	Sulfate

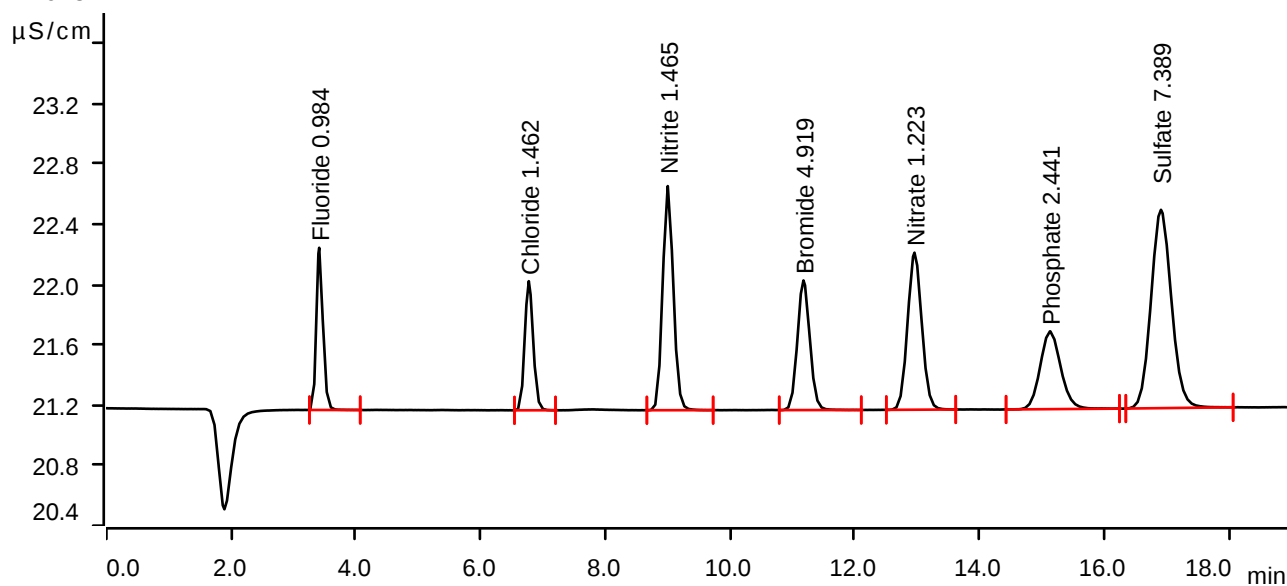
Sample data

Ident Std 4
Sample type Standard 4
Determination start 2024-04-12 23:00:33 UTC-5
Method anions
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	3.413	0.1321	1.077	0.984	Fluoride
2	6.773	0.1336	0.857	1.462	Chloride
3	9.002	0.2959	1.487	1.465	Nitrite
4	11.177	0.1985	0.861	4.919	Bromide
5	12.957	0.2759	1.043	1.223	Nitrate
6	15.128	0.1978	0.517	2.441	Phosphate
7	16.908	0.5007	1.317	7.389	Sulfate

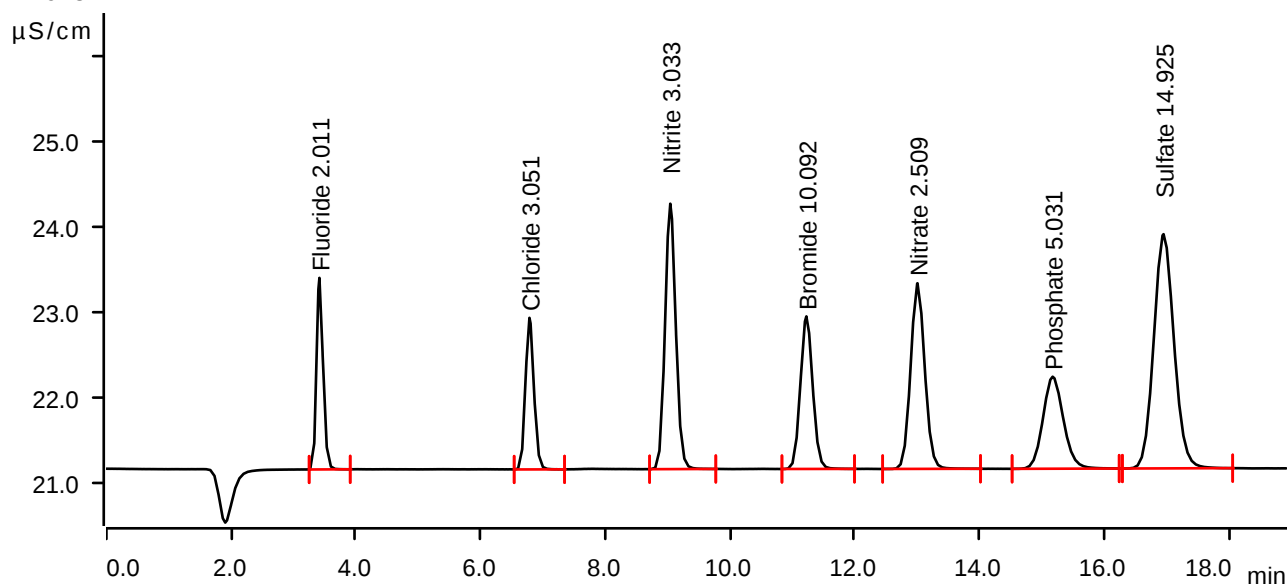
Sample data

Ident Std 5
Sample type Standard 5
Determination start 2024-04-12 23:21:58 UTC-5
Method anions
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	3.417	0.2731	2.244	2.011	Fluoride
2	6.783	0.2800	1.776	3.051	Chloride
3	9.042	0.6213	3.109	3.033	Nitrite
4	11.223	0.4104	1.788	10.092	Bromide
5	13.005	0.5735	2.175	2.509	Nitrate
6	15.172	0.4101	1.078	5.031	Phosphate
7	16.950	1.0352	2.744	14.925	Sulfate

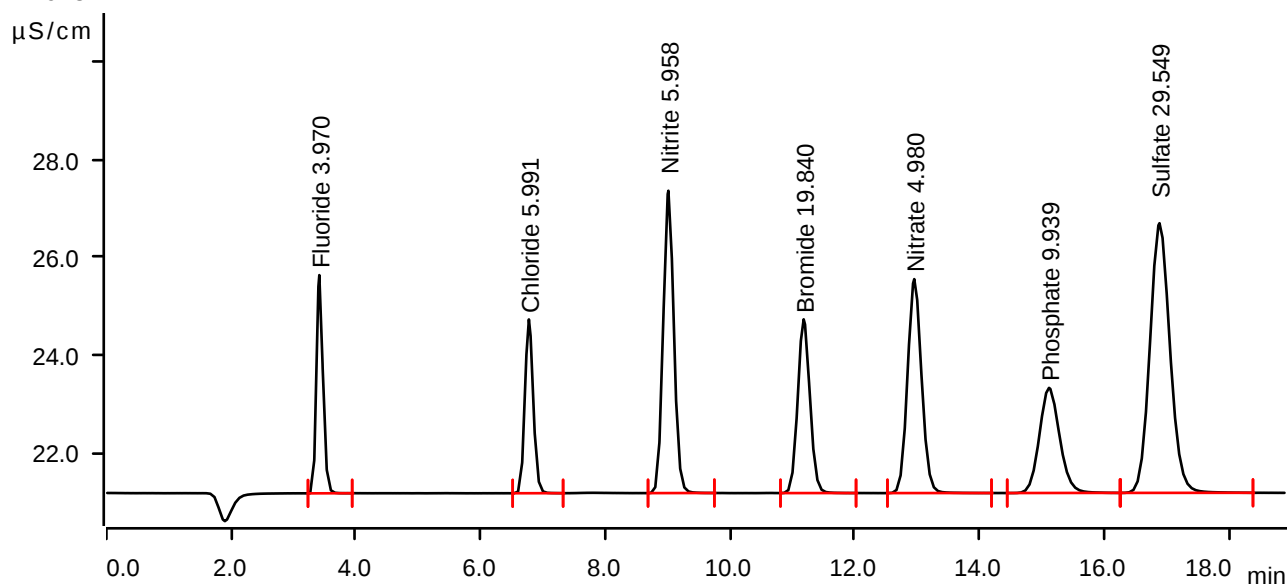
Sample data

Ident Std 6
Sample type Standard 6
Determination start 2024-04-12 23:43:14 UTC-5
Method anions
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	3.415	0.5422	4.473	3.970	Fluoride
2	6.775	0.5509	3.563	5.991	Chloride
3	9.012	1.2283	6.198	5.958	Nitrite
4	11.180	0.8095	3.562	19.840	Bromide
5	12.953	1.1453	4.386	4.980	Nitrate
6	15.113	0.8125	2.155	9.939	Phosphate
7	16.885	2.0724	5.528	29.549	Sulfate

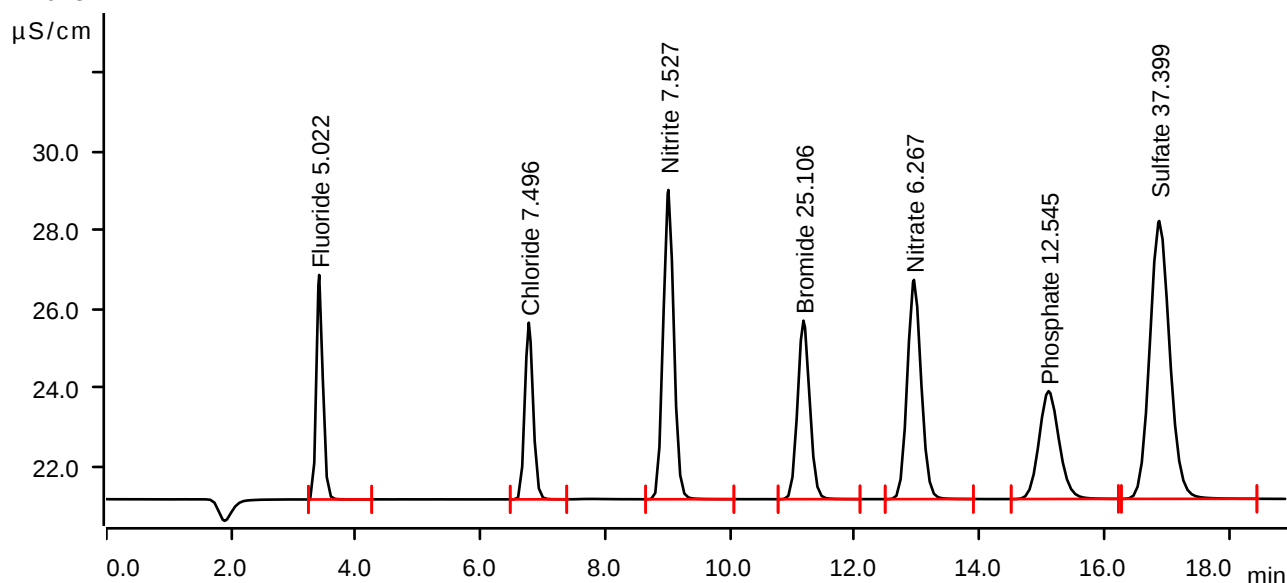
Sample data

Ident Std 7
Sample type Standard 7
Determination start 2024-04-13 00:04:41 UTC-5
Method anions
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 11.37 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	3.413	0.6867	5.697	5.022	Fluoride
2	6.773	0.6894	4.484	7.496	Chloride
3	9.012	1.5538	7.851	7.527	Nitrite
4	11.177	1.0252	4.531	25.106	Bromide
5	12.948	1.4431	5.565	6.267	Nitrate
6	15.107	1.0261	2.739	12.545	Phosphate
7	16.880	2.6292	7.053	37.399	Sulfate

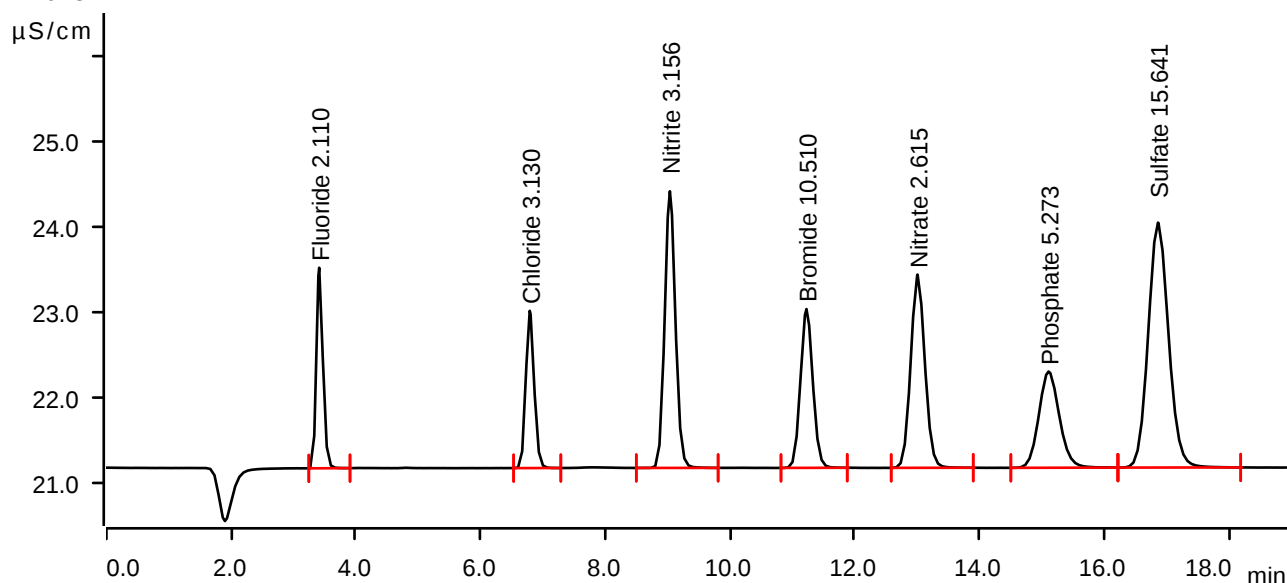
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2024-04-13 02:35:03 UTC-5
Method anions
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



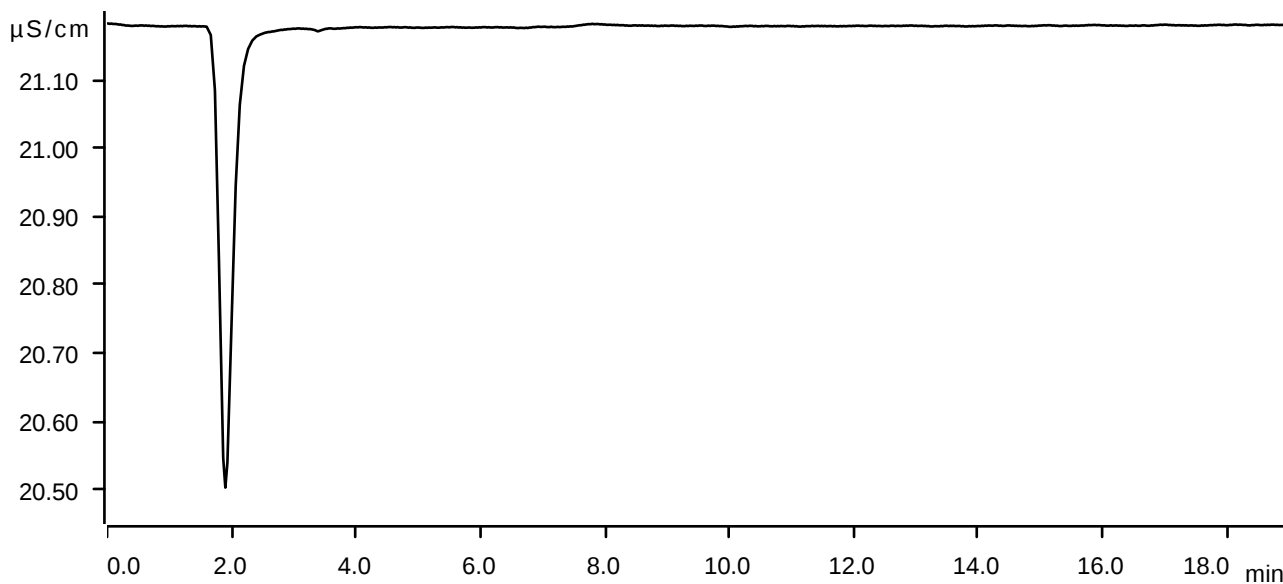
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.413	0.2867	2.349	2.110	Fluoride
2	6.788	0.2873	1.842	3.130	Chloride
3	9.035	0.6468	3.241	3.156	Nitrite
4	11.225	0.4275	1.860	10.510	Bromide
5	13.007	0.5980	2.263	2.615	Nitrate
6	15.107	0.4300	1.127	5.273	Phosphate
7	16.860	1.0860	2.869	15.641	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2024-04-13 02:56:34 UTC-5
Method anions
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

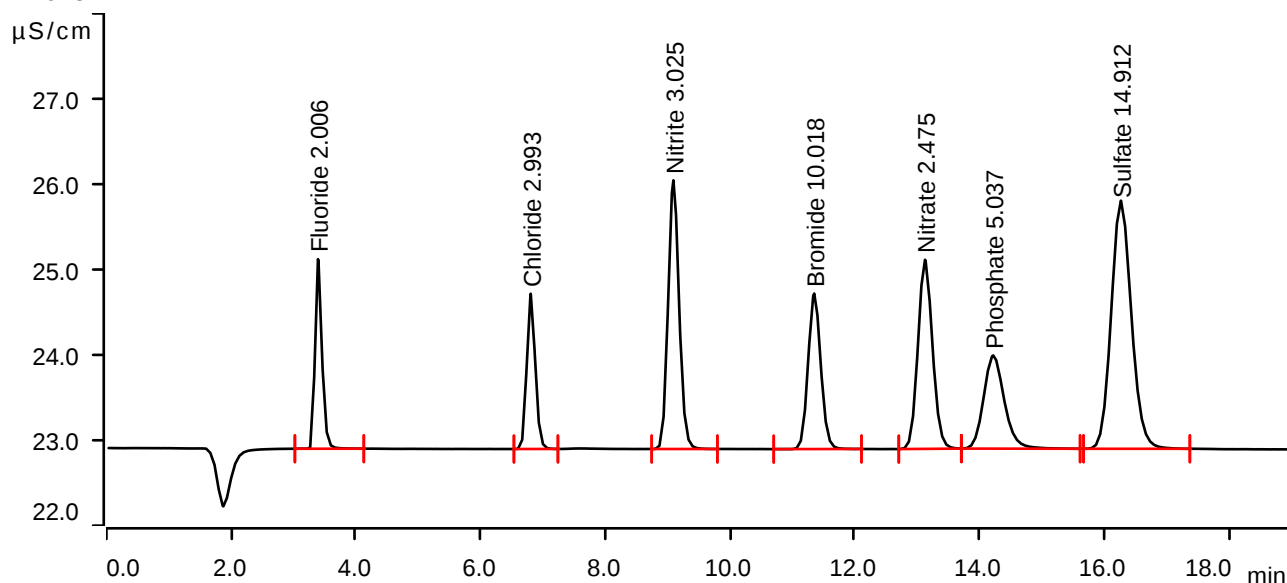
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-06-07 06:21:32 UTC-4
Method IC1-051324
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 12.84 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.393	0.2864	2.221	2.006	Fluoride
2	6.805	0.2895	1.819	2.993	Chloride
3	9.092	0.6449	3.147	3.025	Nitrite
4	11.350	0.4308	1.822	10.018	Bromide
5	13.125	0.5996	2.215	2.475	Nitrate
6	14.220	0.4192	1.092	5.037	Phosphate
7	16.265	1.0924	2.906	14.912	Sulfate

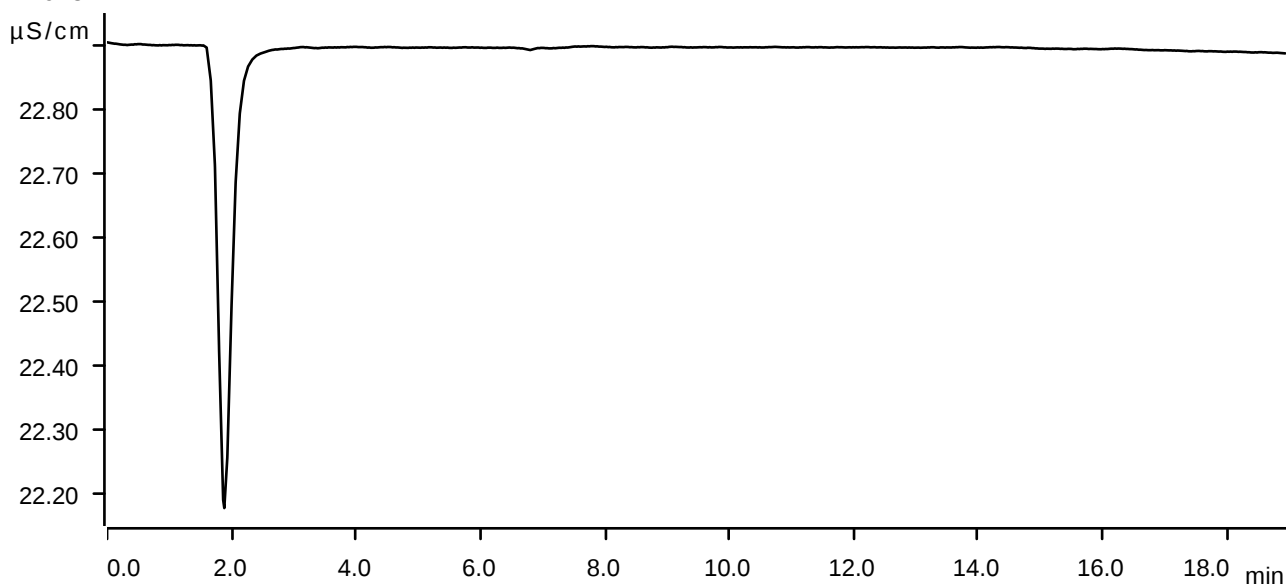
Sample data

Ident CCB
Sample type Sample
Determination start 2024-06-07 06:43:02 UTC-4
Method IC1-051324
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 12.67 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



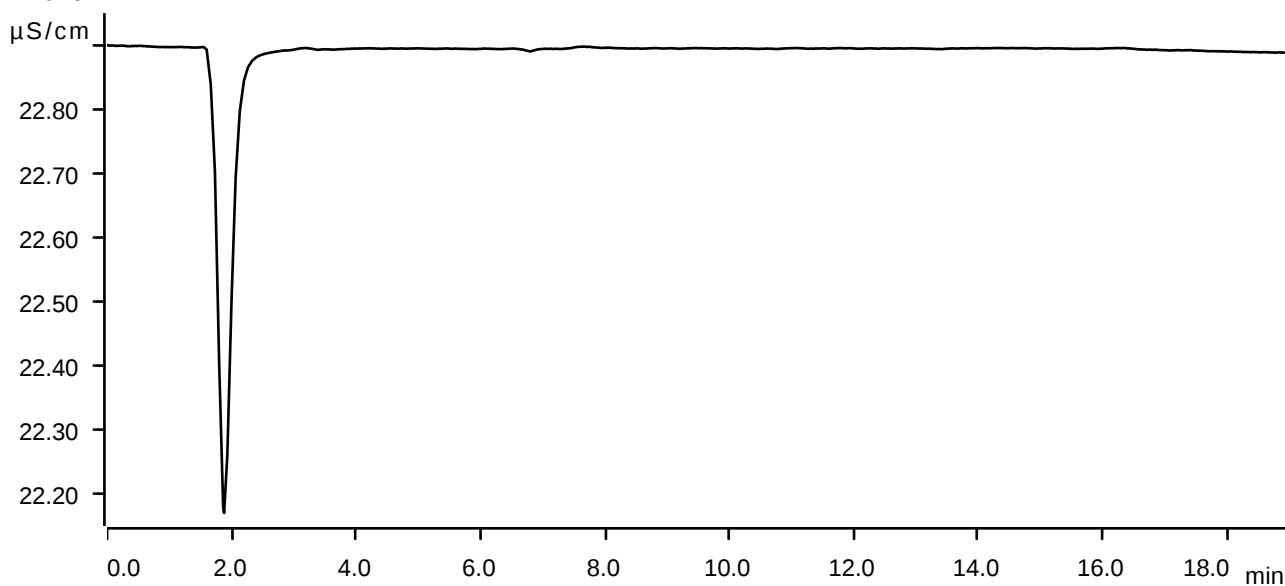
Sample data

Ident LB131128BLW
Sample type Sample
Determination start 2024-06-07 07:04:32 UTC-4
Method IC1-051324
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



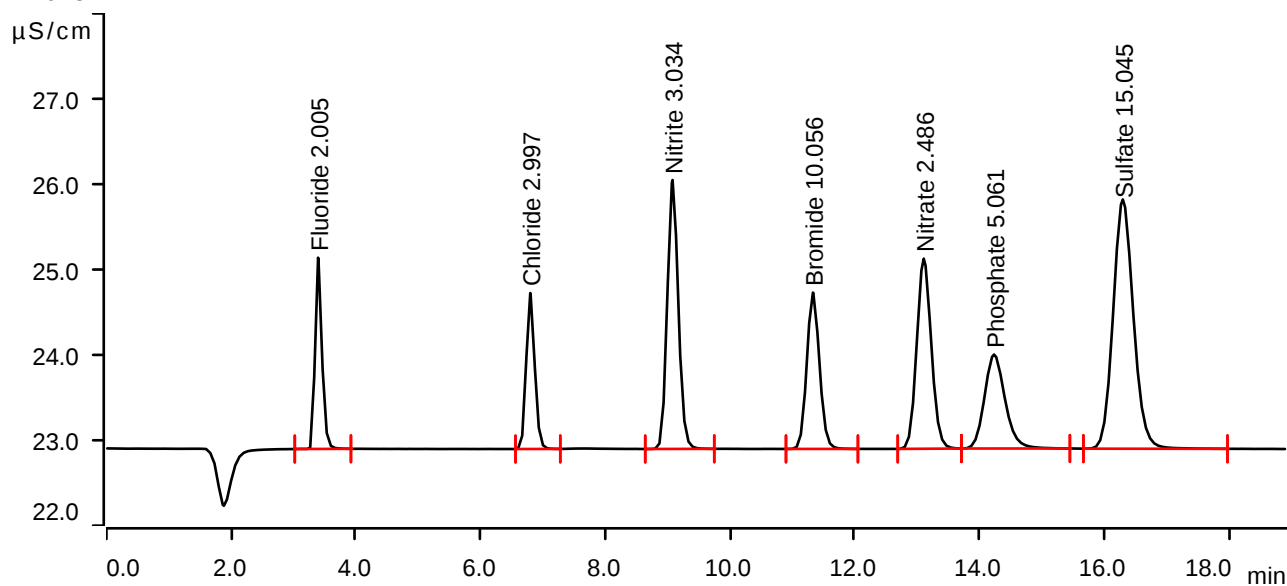
Sample data

Ident LB131128BSW
Sample type Check standard 1
Determination start 2024-06-07 07:26:02 UTC-4
Method IC1-051324
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	3.395	0.2863	2.241	2.005	Fluoride
2	6.797	0.2899	1.827	2.997	Chloride
3	9.078	0.6467	3.150	3.034	Nitrite
4	11.328	0.4324	1.831	10.056	Bromide
5	13.105	0.6024	2.227	2.486	Nitrate
6	14.232	0.4212	1.101	5.061	Phosphate
7	16.297	1.1024	2.920	15.045	Sulfate

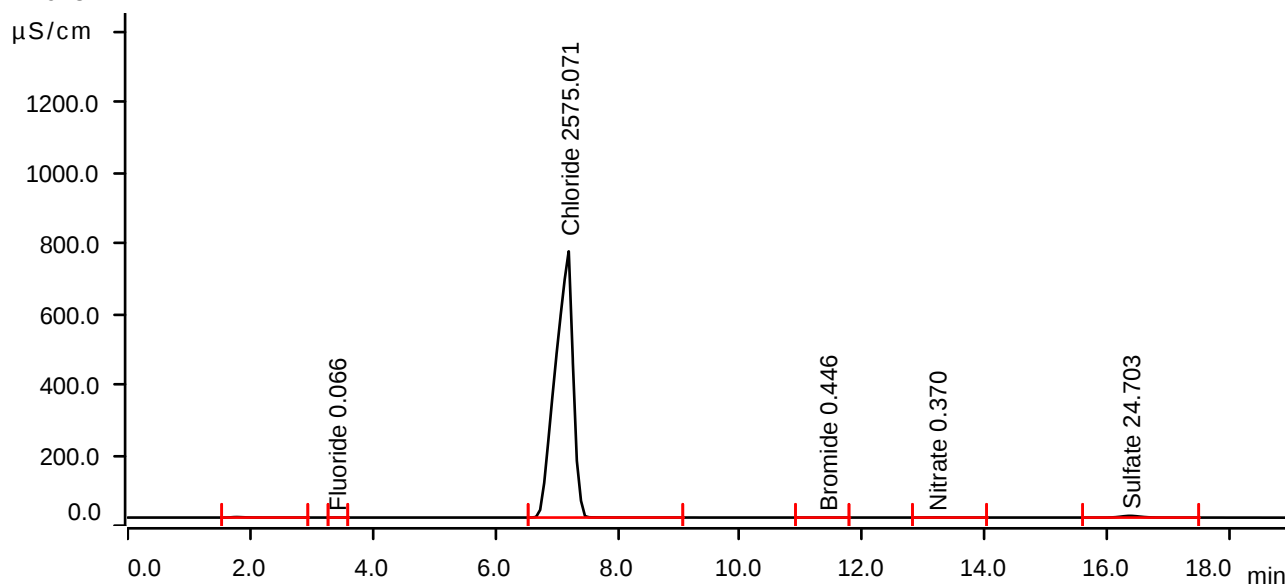
Sample data

Ident P2767-01
Sample type Sample
Determination start 2024-06-07 08:13:13 UTC-4
Method IC1-051324
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 12.67 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	1.778	0.3556	1.484	invalid	
2	3.400	0.0040	0.031	0.066	Fluoride
3	7.202	253.2810	753.641	2575.071	Chloride
4	11.418	0.0096	0.040	0.446	Bromide
5	13.203	0.0779	0.282	0.370	Nitrate
6	16.365	1.8357	4.892	24.703	Sulfate

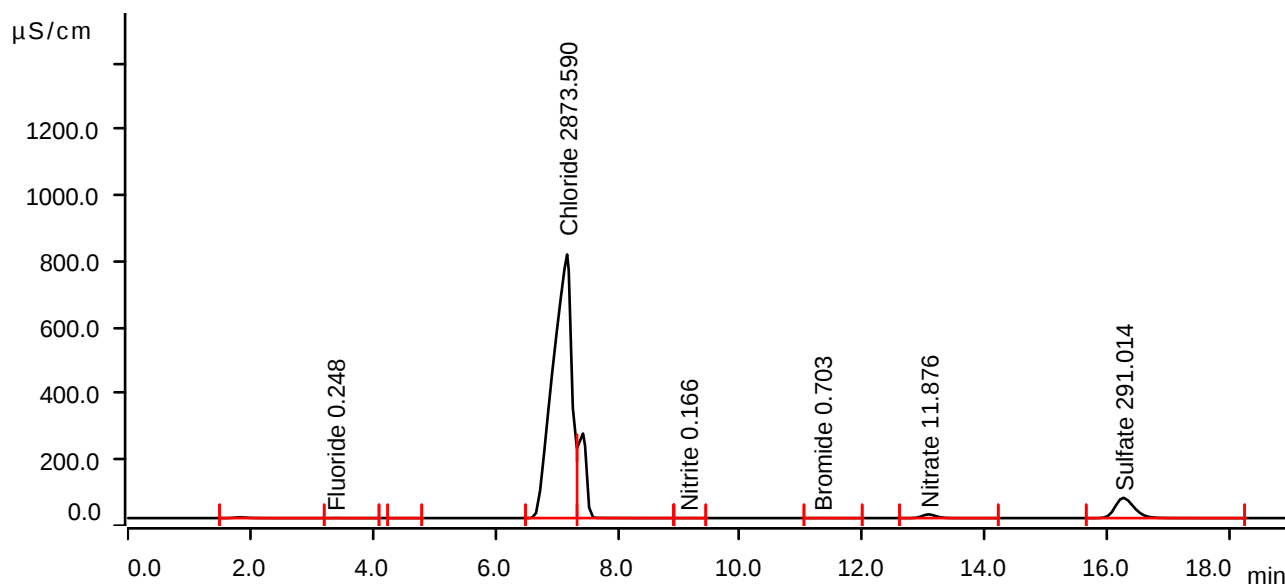
Sample data

Ident P2767-02
Sample type Sample
Determination start 2024-06-07 08:56:25 UTC-4
Method IC1-051324
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.838	0.6314	2.215	invalid	
2	3.382	0.0305	0.196	0.248	Fluoride
3	4.633	0.0036	0.018	invalid	
4	7.175	282.6436	797.784	2873.590	Chloride
5	7.435	39.5769	255.861	invalid	
6	9.142	0.0144	0.075	0.166	Nitrite
7	11.335	0.0209	0.090	0.703	Bromide
8	13.075	2.9297	11.274	11.876	Nitrate
9	16.255	22.0553	61.112	291.014	Sulfate

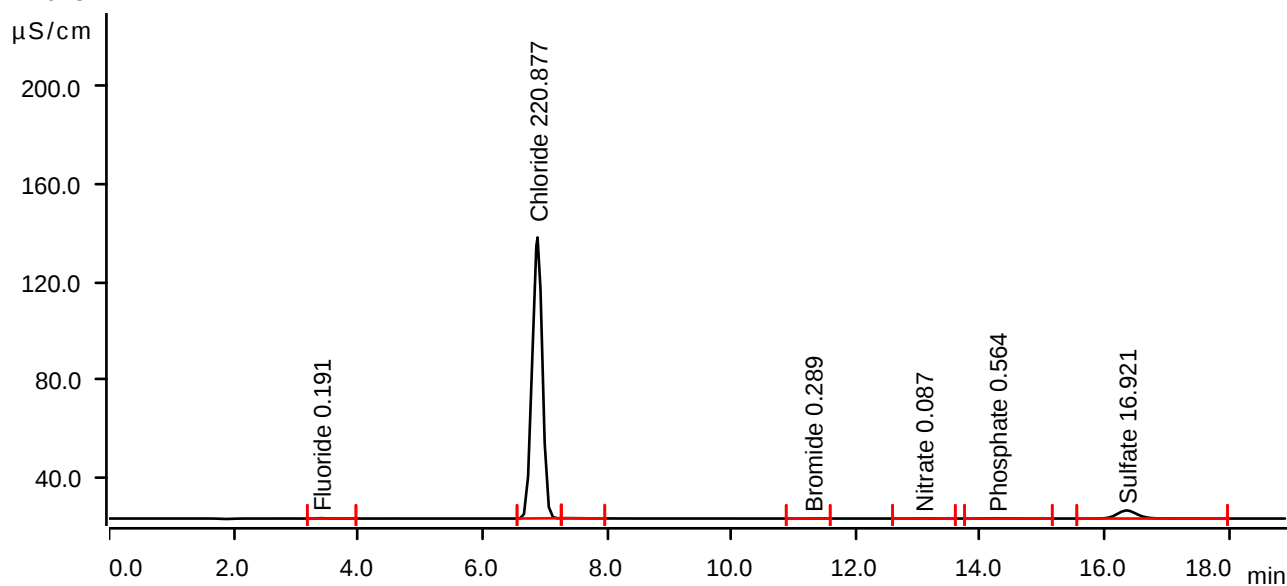
Sample data

Ident P2767-03
Sample type Sample
Determination start 2024-06-07 09:17:59 UTC-4
Method IC1-051324
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	3.402	0.0221	0.158	0.191	Fluoride
2	6.887	21.7208	115.193	220.877	Chloride
3	7.423	0.0151	0.044	invalid	
4	11.305	0.0027	0.012	0.289	Bromide
5	13.085	0.0078	0.028	0.087	Nitrate
6	14.265	0.0370	0.095	0.564	Phosphate
7	16.352	1.2449	3.321	16.921	Sulfate

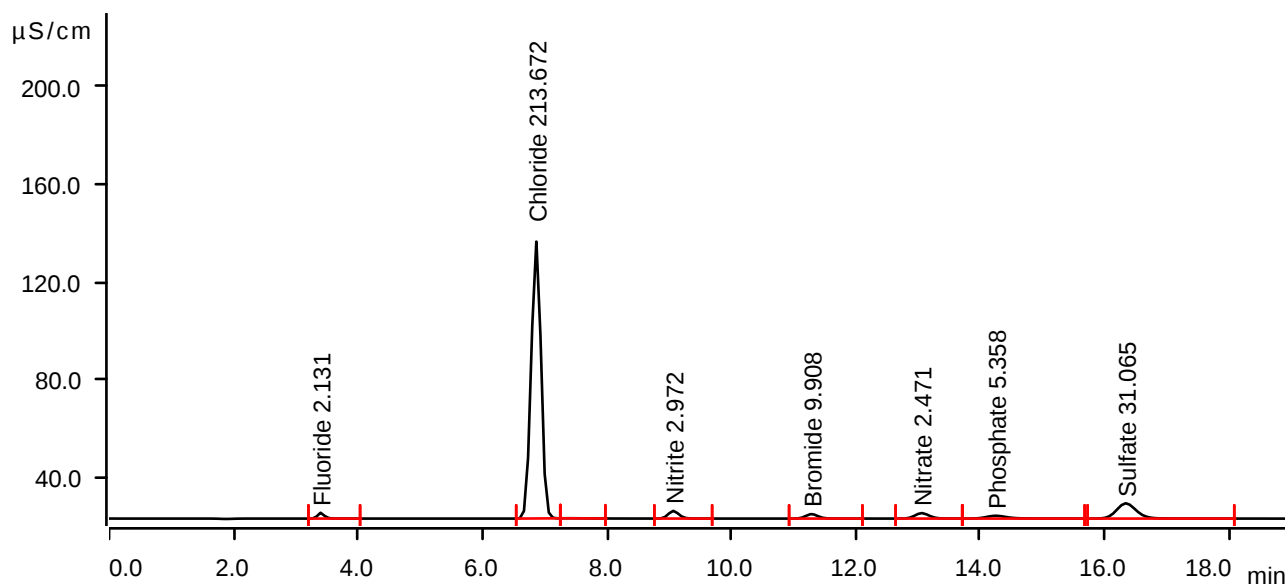
Sample data

Ident P2767-03MS
Sample type Sample
Determination start 2024-06-07 09:39:33 UTC-4
Method IC1-051324
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.398	0.3046	2.370	2.131	Fluoride
2	6.868	21.0120	113.500	213.672	Chloride
3	7.405	0.0154	0.042	invalid	
4	9.068	0.6330	3.139	2.972	Nitrite
5	11.288	0.4259	1.823	9.908	Bromide
6	13.058	0.5986	2.235	2.471	Nitrate
7	14.248	0.4466	1.155	5.358	Phosphate
8	16.340	2.3187	6.250	31.065	Sulfate

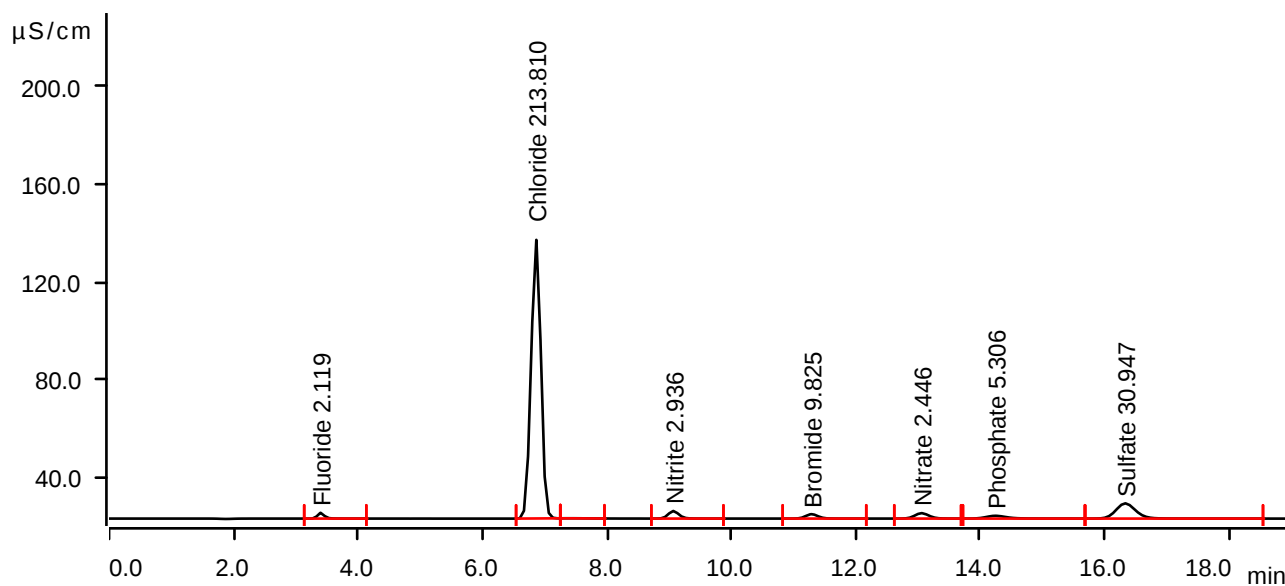
Sample data

Ident P2767-03MSD
Sample type Sample
Determination start 2024-06-07 10:01:04 UTC-4
Method IC1-051324
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	3.397	0.3028	2.362	2.119	Fluoride
2	6.867	21.0256	114.223	213.810	Chloride
3	7.422	0.0154	0.043	invalid	
4	9.068	0.6251	3.105	2.936	Nitrite
5	11.290	0.4222	1.808	9.825	Bromide
6	13.057	0.5924	2.217	2.446	Nitrate
7	14.245	0.4422	1.142	5.306	Phosphate
8	16.330	2.3098	6.234	30.947	Sulfate

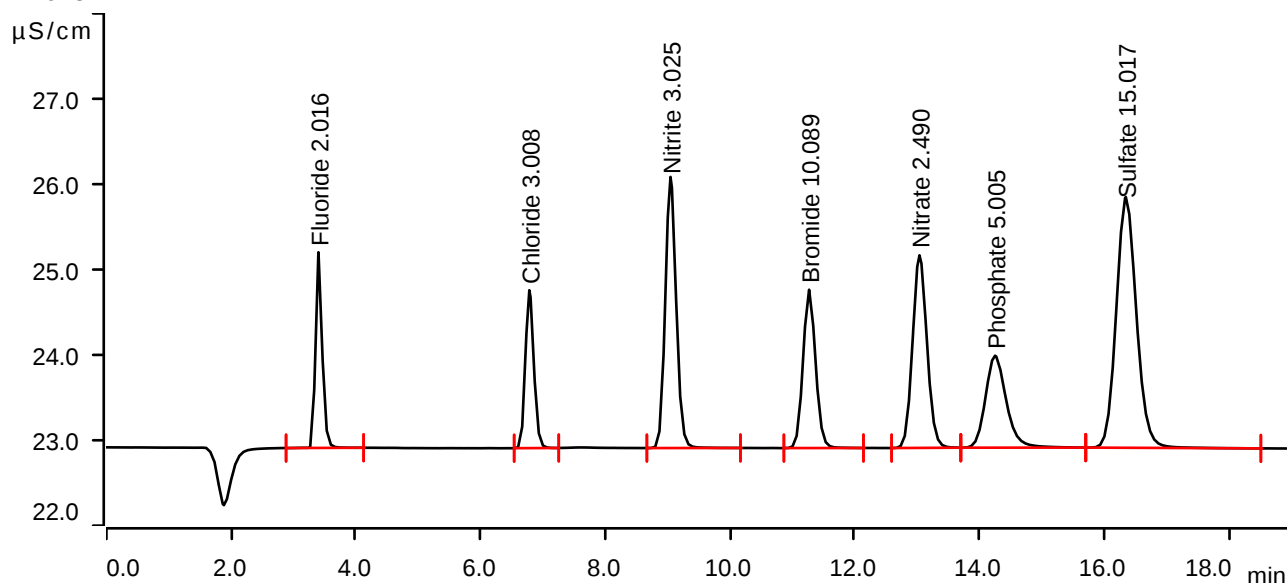
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-06-07 12:10:04 UTC-4
Method IC1-051324
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



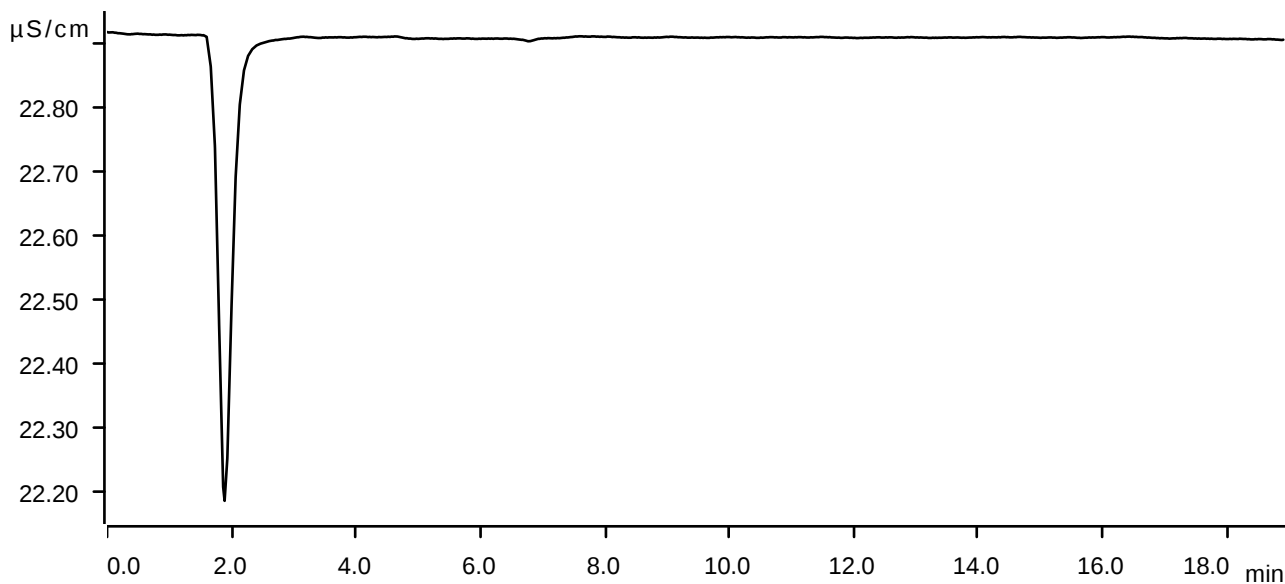
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.400	0.2879	2.292	2.016	Fluoride
2	6.783	0.2910	1.850	3.008	Chloride
3	9.045	0.6449	3.176	3.025	Nitrite
4	11.267	0.4339	1.855	10.089	Bromide
5	13.037	0.6033	2.256	2.490	Nitrate
6	14.248	0.4164	1.077	5.005	Phosphate
7	16.345	1.1003	2.937	15.017	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-06-07 12:31:34 UTC-4
Method IC1-051324
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

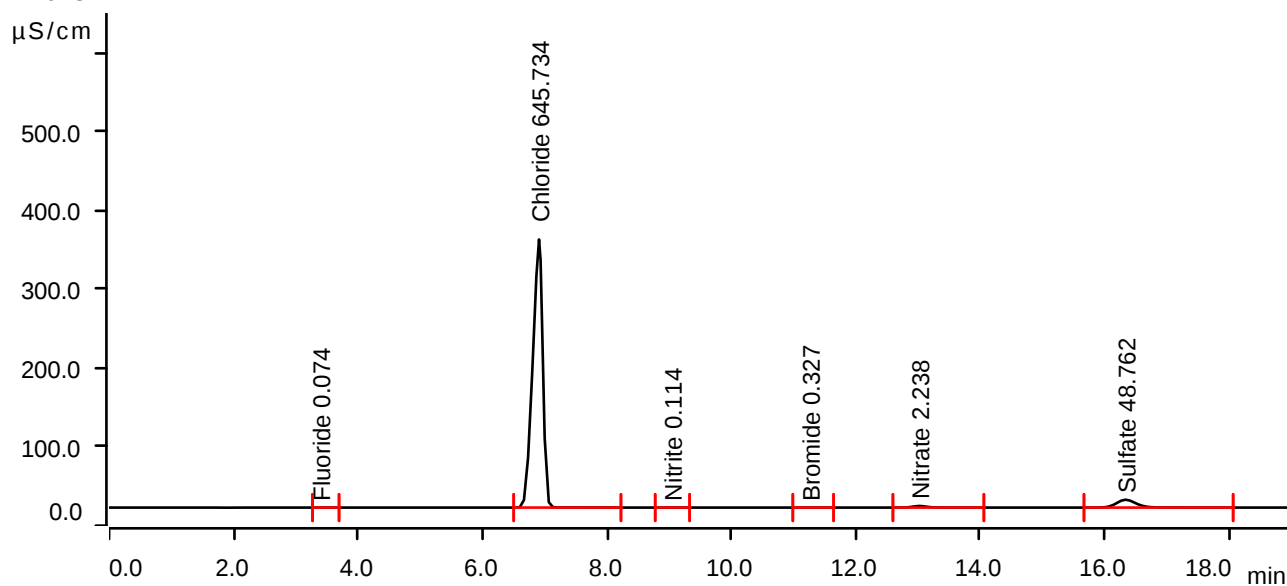
Sample data

Ident P2767-02DLX5
Sample type Sample
Determination start 2024-06-07 12:53:04 UTC-4
Method IC1-051324
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	3.395	0.0052	0.040	0.074	Fluoride
2	6.910	63.5100	340.271	645.734	Chloride
3	9.045	0.0031	0.015	0.114	Nitrite
4	11.260	0.0044	0.019	0.327	Bromide
5	13.020	0.5408	2.019	2.238	Nitrate
6	16.335	3.6624	9.989	48.762	Sulfate

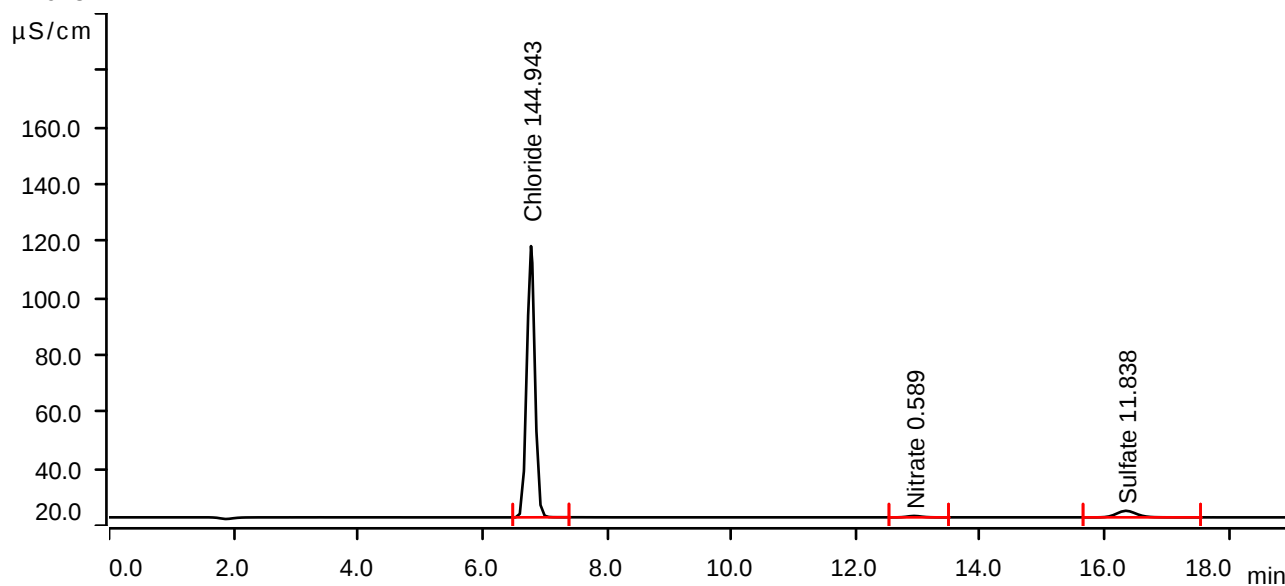
Sample data

Ident P2767-02DL2X20
Sample type Sample
Determination start 2024-06-07 13:14:33 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.11 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.782	14.2518	95.319	144.943	Chloride
2	12.937	0.1322	0.496	0.589	Nitrate
3	16.342	0.8589	2.306	11.838	Sulfate

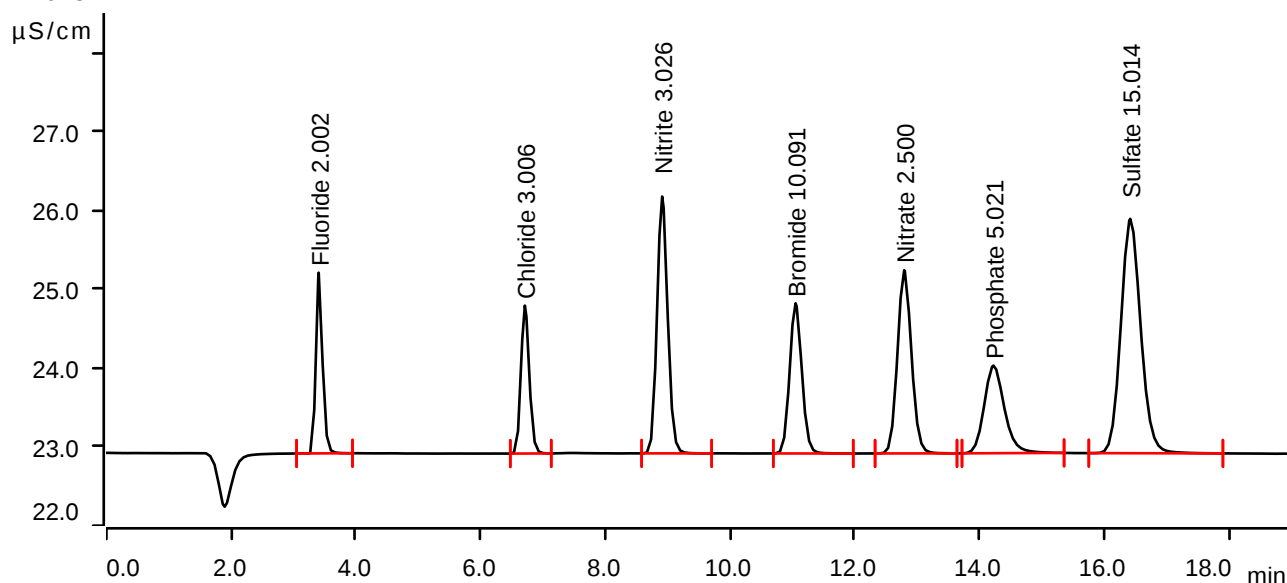
Sample data

Ident IDOC-01
Sample type Check standard 1
Determination start 2024-06-07 15:44:44 UTC-4
Method IC1-051324
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	3.405	0.2859	2.293	2.002	Fluoride
2	6.710	0.2908	1.878	3.006	Chloride
3	8.912	0.6451	3.259	3.026	Nitrite
4	11.050	0.4340	1.906	10.091	Bromide
5	12.792	0.6059	2.325	2.500	Nitrate
6	14.223	0.4178	1.112	5.021	Phosphate
7	16.417	1.1001	2.975	15.014	Sulfate

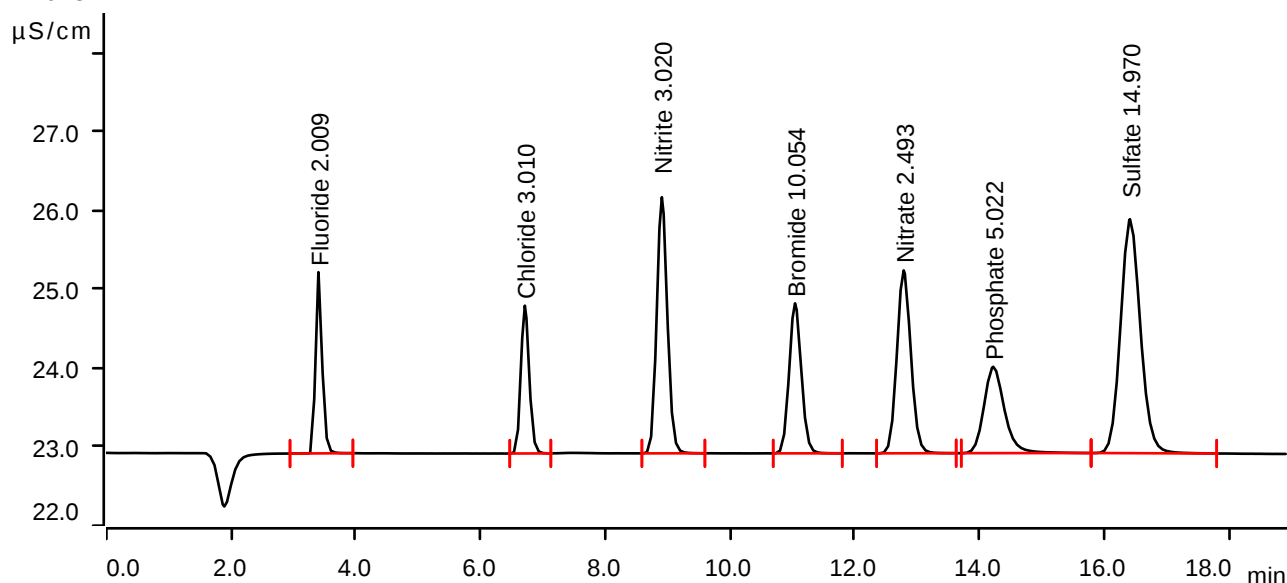
Sample data

Ident IDOC-02
Sample type Check standard 1
Determination start 2024-06-07 16:06:17 UTC-4
Method IC1-051324
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	3.400	0.2868	2.299	2.009	Fluoride
2	6.710	0.2912	1.876	3.010	Chloride
3	8.907	0.6437	3.250	3.020	Nitrite
4	11.042	0.4323	1.904	10.054	Bromide
5	12.783	0.6040	2.321	2.493	Nitrate
6	14.220	0.4178	1.096	5.022	Phosphate
7	16.412	1.0967	2.969	14.970	Sulfate

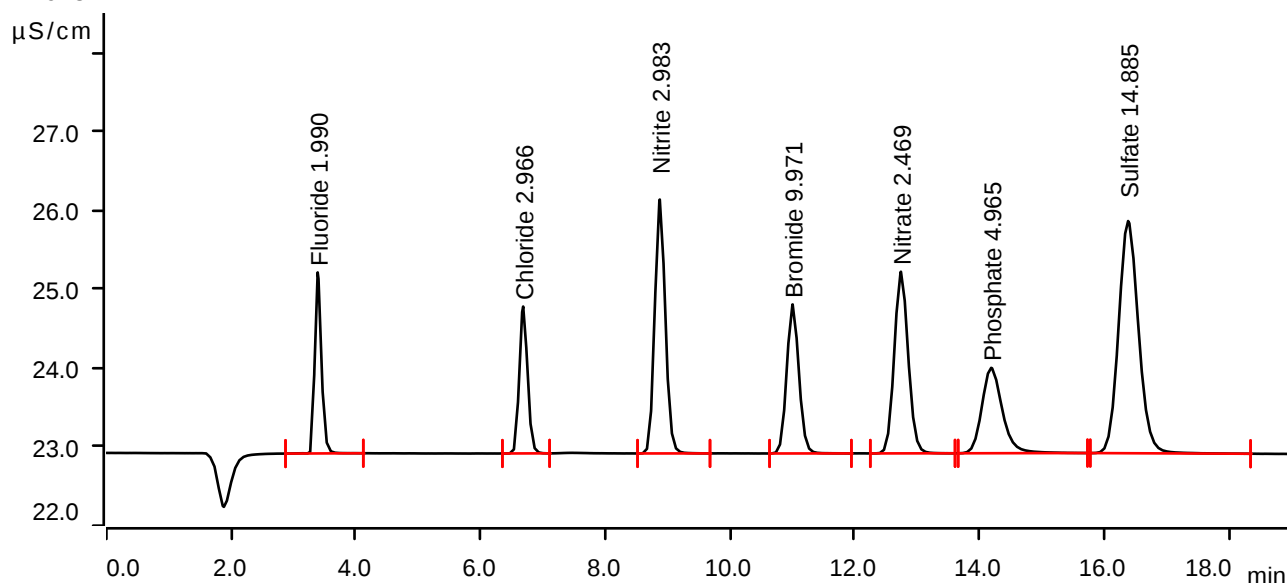
Sample data

Ident IDOC-03
Sample type Check standard 1
Determination start 2024-06-07 16:27:51 UTC-4
Method IC1-051324
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 12.78 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.388	0.2841	2.297	1.990	Fluoride
2	6.683	0.2869	1.864	2.966	Chloride
3	8.873	0.6355	3.222	2.983	Nitrite
4	11.003	0.4287	1.891	9.971	Bromide
5	12.740	0.5981	2.305	2.469	Nitrate
6	14.187	0.4130	1.084	4.965	Phosphate
7	16.382	1.0903	2.947	14.885	Sulfate

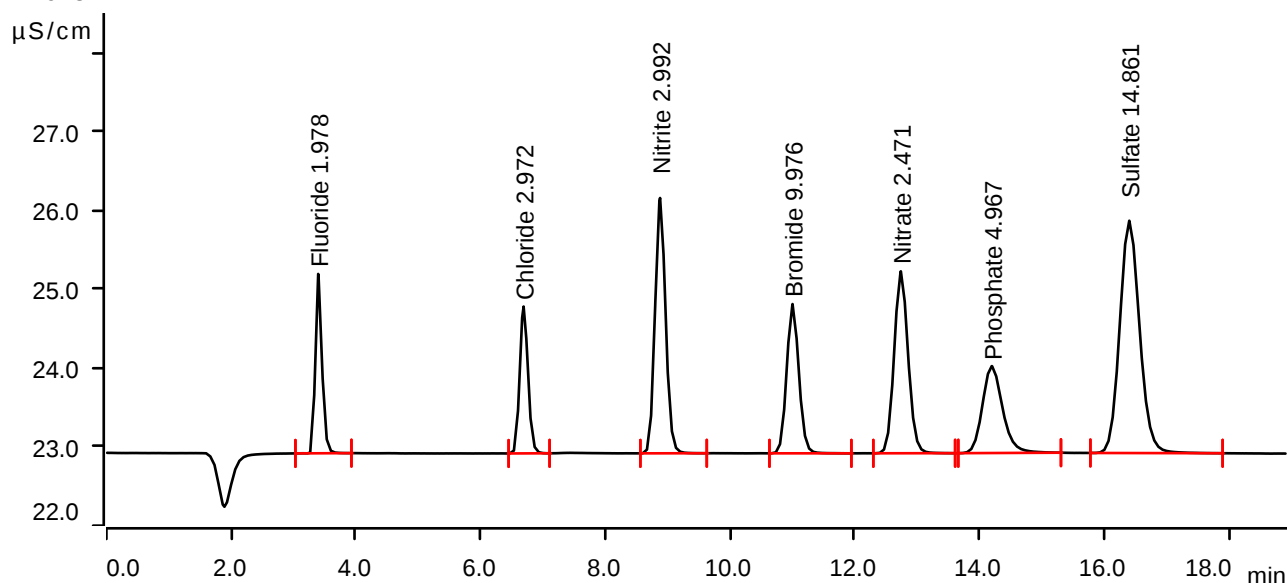
Sample data

Ident IDOC-04
Sample type Check standard 1
Determination start 2024-06-07 16:49:25 UTC-4
Method IC1-051324
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	3.397	0.2823	2.276	1.978	Fluoride
2	6.690	0.2874	1.864	2.972	Chloride
3	8.878	0.6377	3.240	2.992	Nitrite
4	11.002	0.4289	1.894	9.976	Bromide
5	12.738	0.5987	2.308	2.471	Nitrate
6	14.195	0.4132	1.103	4.967	Phosphate
7	16.400	1.0884	2.948	14.861	Sulfate

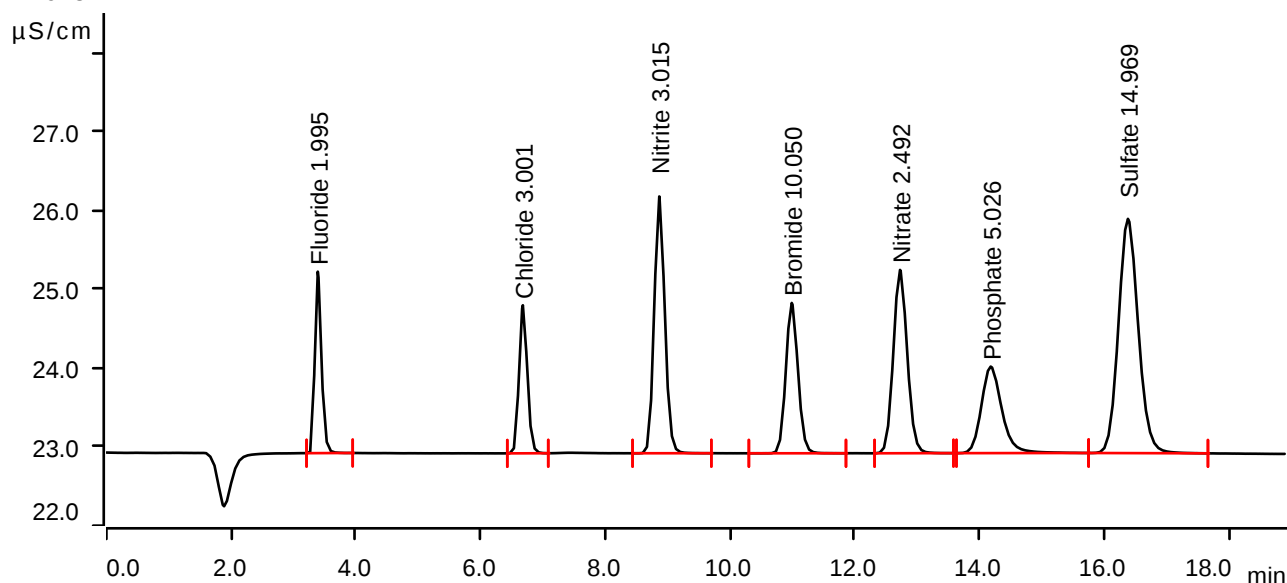
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-06-07 17:10:59 UTC-4
Method IC1-051324
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	3.390	0.2848	2.303	1.995	Fluoride
2	6.678	0.2903	1.879	3.001	Chloride
3	8.865	0.6427	3.258	3.015	Nitrite
4	10.988	0.4322	1.908	10.050	Bromide
5	12.725	0.6039	2.326	2.492	Nitrate
6	14.178	0.4182	1.098	5.026	Phosphate
7	16.378	1.0966	2.973	14.969	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-06-07 17:32:29 UTC-4
Method IC1-051324
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