

Clear table

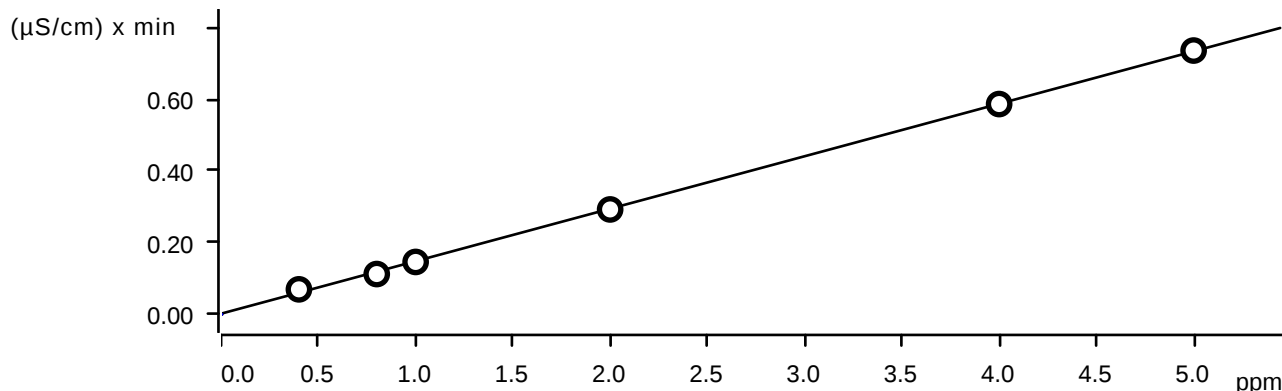
Instrument ID: IC-2 Analyst: IZ Method: 300.0 / 9056A

ident	concentratio 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	IC1-061324	6/13/2024 11:10	10	NF/IZ
STD2	0.4640	0.7010	0.7100	2.3300	0.5870	1.1110	3.5160	IC1-061324	6/13/2024 11:31	10	NF/IZ
STD3	0.7550	1.1360	1.1300	3.7660	0.9470	1.9050	5.7210	IC1-061324	6/13/2024 11:52	10	NF/IZ
STD4	0.9860	1.4750	1.4740	4.9270	1.2310	2.5180	7.3870	IC1-061324	6/13/2024 12:14	10	NF/IZ
STD5	1.9860	2.9740	2.9730	9.9490	2.4740	4.9980	14.8790	IC1-061324	6/13/2024 12:35	10	NF/IZ
STD6	3.9950	5.9820	5.9700	19.9130	4.9740	9.8230	29.5830	IC1-061324	6/13/2024 12:57	10	NF/IZ
STD7	5.0150	7.5320	7.5420	25.1160	6.2870	12.6450	37.4130	IC1-061324	6/13/2024 13:18	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	16.0000	16.8333	18.3333	16.5000	17.4000	11.1000	17.2000
STD2	-5.6250	-5.3333	-5.8333	-5.8500	-5.3000	-4.7500	-4.6500
STD3	-1.4000	-1.6667	-1.7333	-1.4600	-1.5200	0.7200	-1.5067
STD4	-0.7000	-0.8667	-0.9000	-0.5100	-1.0400	-0.0400	-0.8067
STD5	-0.1250	-0.3000	-0.5000	-0.4350	-0.5200	-1.7700	-1.3900
STD6	0.3000	0.4267	0.5600	0.4640	0.5920	1.1600	1.1162
STD7							

Fluoride (Anions)



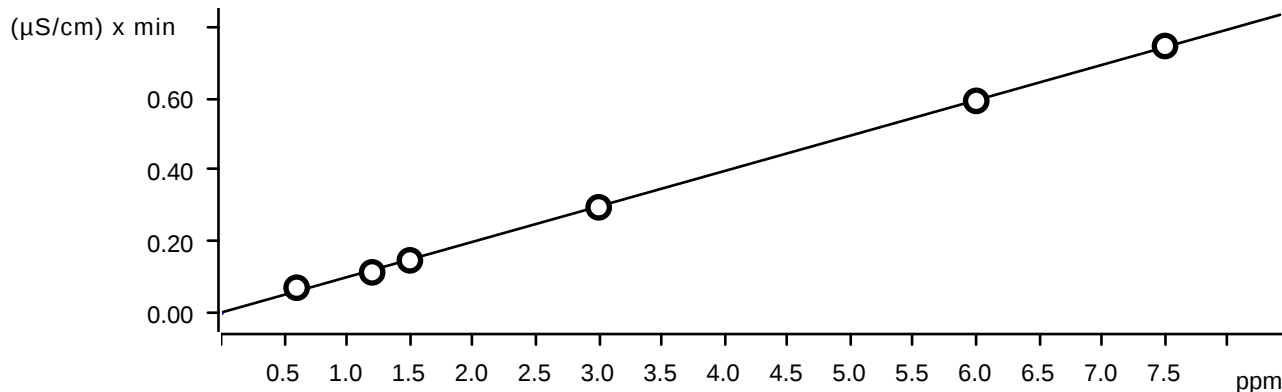
Function: $A = 1.87486E-3 + 0.0146286 \times Q$

Relative standard deviation 1.852431 %

Correlation coefficient 0.999811

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	2024-06-13 11:10:14 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.070	STD2	2024-06-13 11:31:34 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.112	STD3	2024-06-13 11:52:58 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.146	STD4	2024-06-13 12:14:22 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.292	STD5	2024-06-13 12:35:48 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.586	STD6	2024-06-13 12:57:14 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.735	STD7	2024-06-13 13:18:41 UTC-4	used

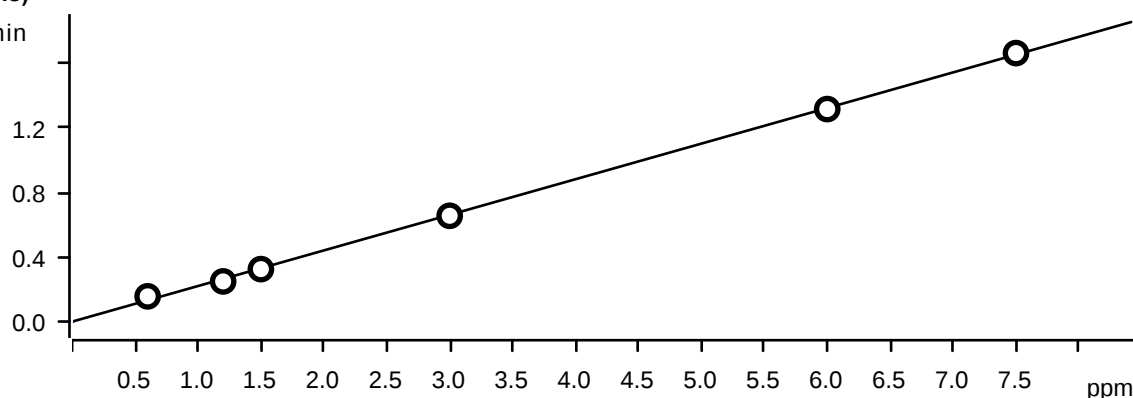
Chloride (Anions)



Function: $A = 2.56136E-3 + 9.86552E-3 \times Q$

Relative standard deviation 1.961393 %
Correlation coefficient 0.999787

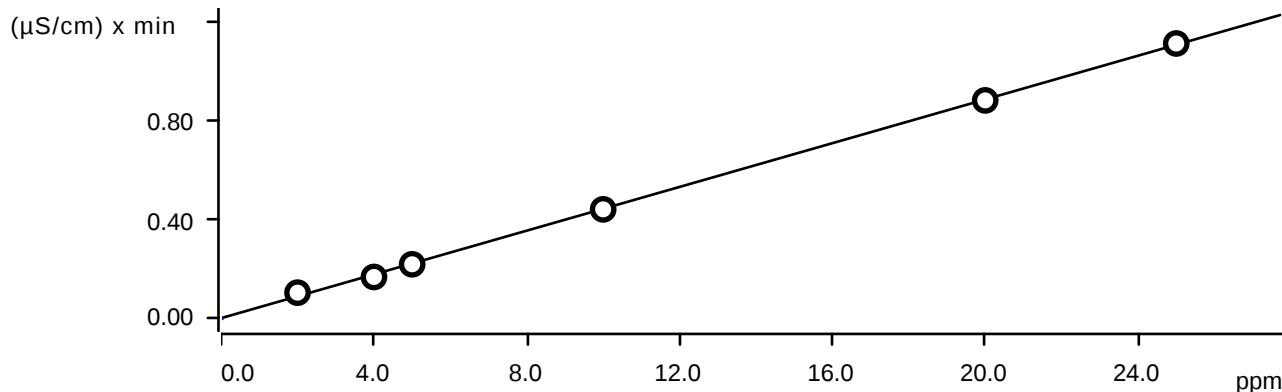
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-06-13 11:10:14 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.072	STD2	2024-06-13 11:31:34 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.115	STD3	2024-06-13 11:52:58 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.148	STD4	2024-06-13 12:14:22 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.296	STD5	2024-06-13 12:35:48 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.593	STD6	2024-06-13 12:57:14 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.746	STD7	2024-06-13 13:18:41 UTC-4	used

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

Function: $A = -1.49024E-3 + 0.0220591 \times Q$
Relative standard deviation 2.210158 %
Correlation coefficient 0.999735

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	2024-06-13 11:10:14 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.155	STD2	2024-06-13 11:31:34 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.248	STD3	2024-06-13 11:52:58 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.324	STD4	2024-06-13 12:14:22 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.654	STD5	2024-06-13 12:35:48 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.315	STD6	2024-06-13 12:57:14 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.662	STD7	2024-06-13 13:18:41 UTC-4	used

Bromide (Anions)



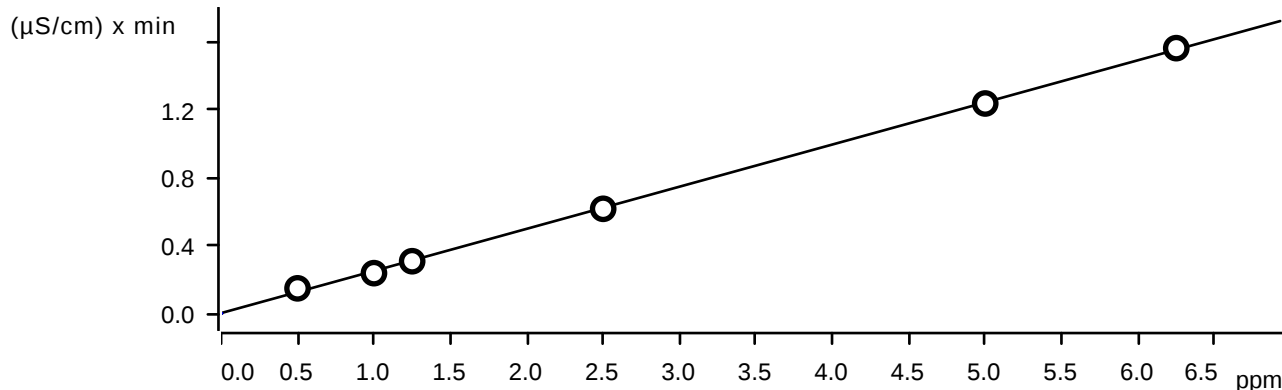
Function: $A = 2.84549E-3 + 4.40395E-3 \times Q$

Relative standard deviation: 1.984950 %

Correlation coefficient: 0.999783

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	2024-06-13 11:10:14 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.105	STD2	2024-06-13 11:31:34 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.169	STD3	2024-06-13 11:52:58 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.220	STD4	2024-06-13 12:14:22 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.441	STD5	2024-06-13 12:35:48 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.880	STD6	2024-06-13 12:57:14 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.109	STD7	2024-06-13 13:18:41 UTC-4	used

Nitrate (Anions)

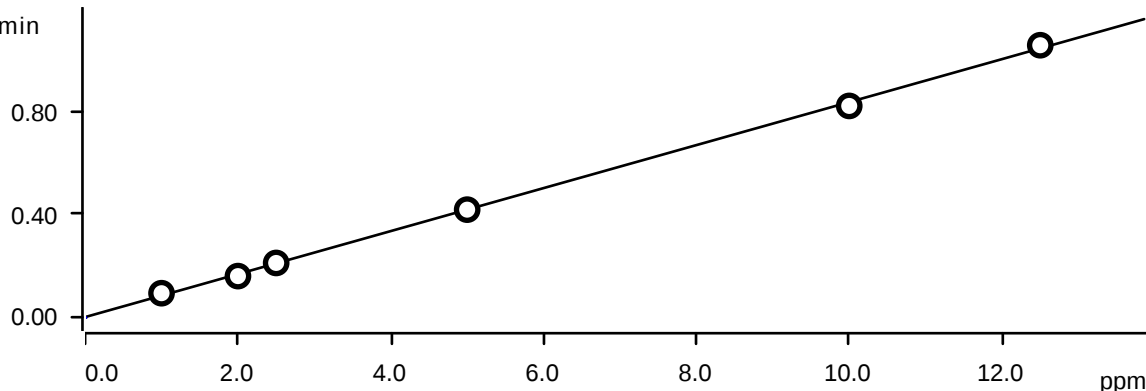


Function: $A = 1.83025E-3 + 0.0248040 \times Q$

Relative standard deviation: 2.104749 %

Correlation coefficient 0.999757

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	2024-06-13 11:10:14 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.148	STD2	2024-06-13 11:31:34 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.237	STD3	2024-06-13 11:52:58 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.307	STD4	2024-06-13 12:14:22 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.616	STD5	2024-06-13 12:35:48 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.235	STD6	2024-06-13 12:57:14 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.561	STD7	2024-06-13 13:18:41 UTC-4	used

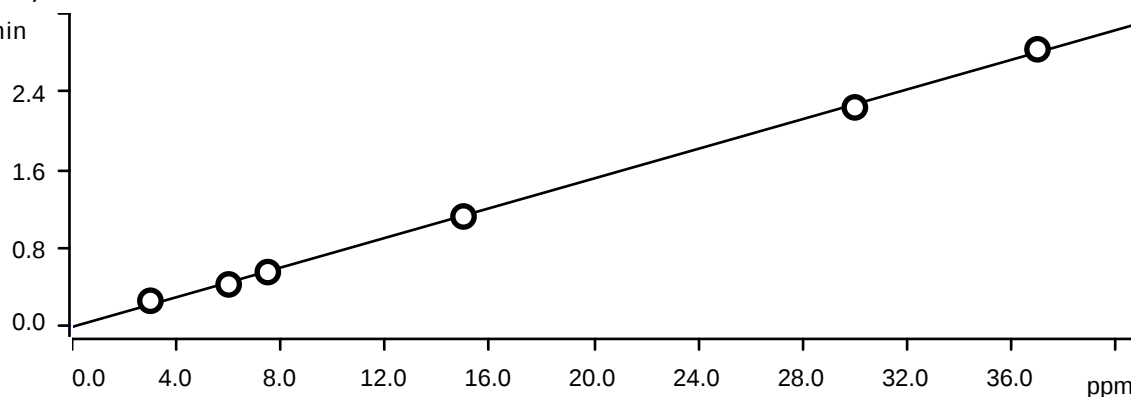
Phosphate (Anions) $(\mu\text{S/cm}) \times \text{min}$ Function: $A = 2.08341E-3 + 8.32448E-3 \times Q$

Relative standard deviation 2.462520 %

Correlation coefficient 0.999667

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	2024-06-13 11:10:14 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.095	STD2	2024-06-13 11:31:34 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.161	STD3	2024-06-13 11:52:58 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.212	STD4	2024-06-13 12:14:22 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.418	STD5	2024-06-13 12:35:48 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.820	STD6	2024-06-13 12:57:14 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.055	STD7	2024-06-13 13:18:41 UTC-4	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -4.06367E-3 + 7.58500E-3 \times Q$

Relative standard deviation 2.585609 %

Correlation coefficient 0.999634

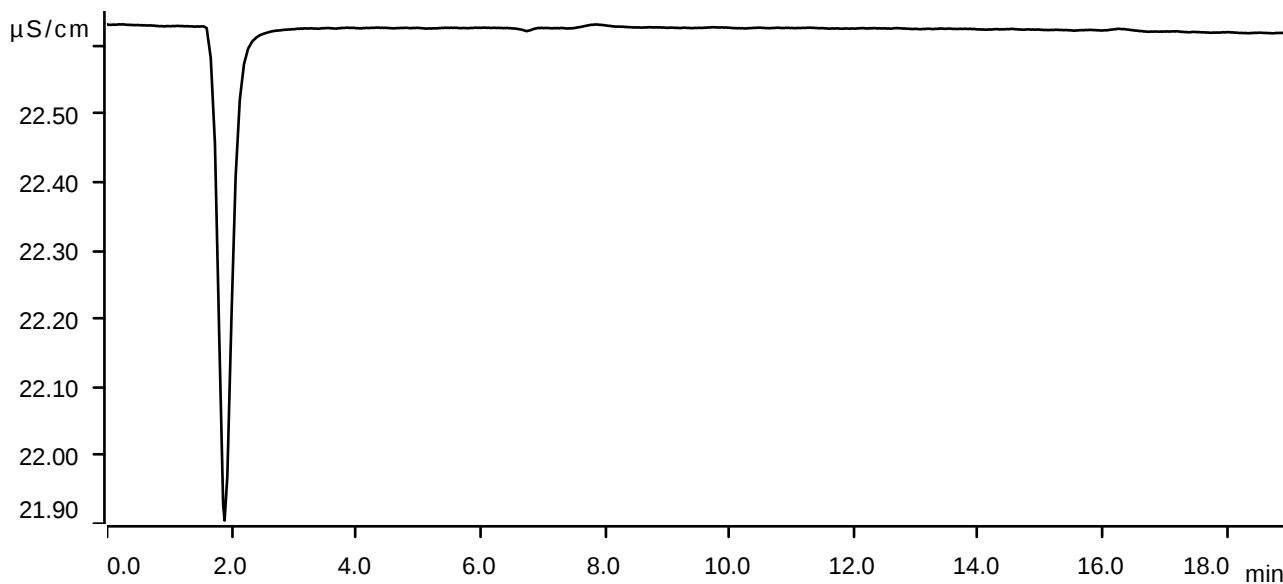
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-06-13 11:10:14 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.263	STD2	2024-06-13 11:31:34 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.430	STD3	2024-06-13 11:52:58 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.556	STD4	2024-06-13 12:14:22 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.125	STD5	2024-06-13 12:35:48 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.240	STD6	2024-06-13 12:57:14 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.834	STD7	2024-06-13 13:18:41 UTC-4	used

Sample data

Ident STD1
Sample type Standard 1
Determination start 2024-06-13 11:10:14 UTC-4
Method IC1-061324
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

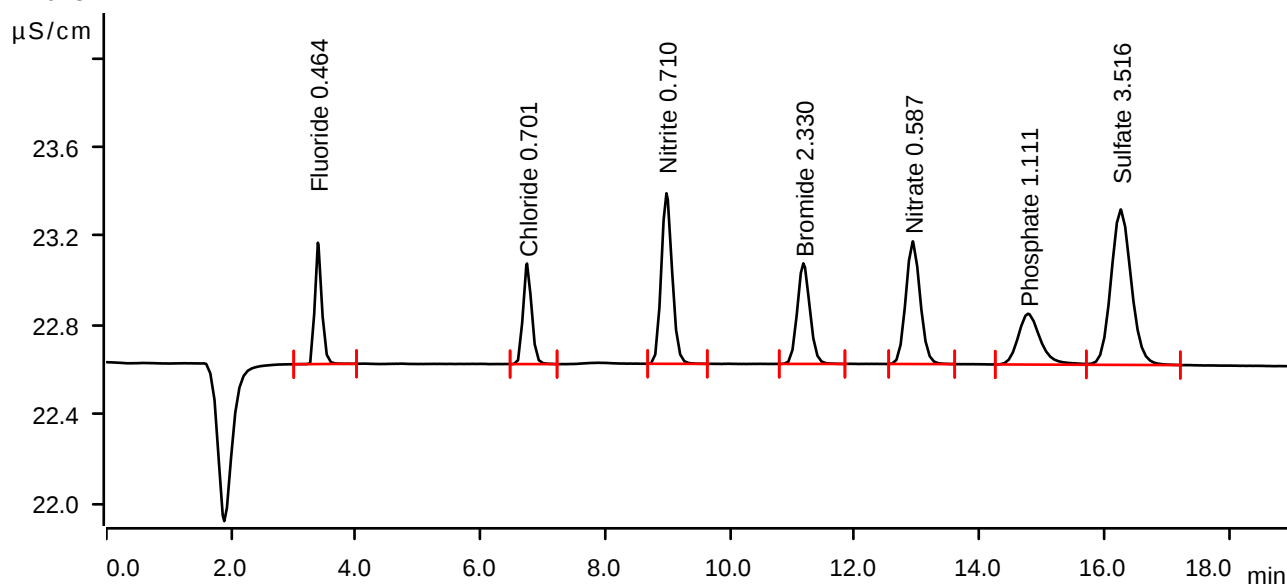
Sample data

Ident STD2
Sample type Standard 2
Determination start 2024-06-13 11:31:34 UTC-4
Method IC1-061324
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	3.392	0.0697	0.545	0.464	Fluoride
2	6.745	0.0717	0.452	0.701	Chloride
3	8.980	0.1552	0.766	0.710	Nitrite
4	11.175	0.1055	0.451	2.330	Bromide
5	12.928	0.1475	0.551	0.587	Nitrate
6	14.777	0.0945	0.228	1.111	Phosphate
7	16.262	0.2626	0.698	3.516	Sulfate

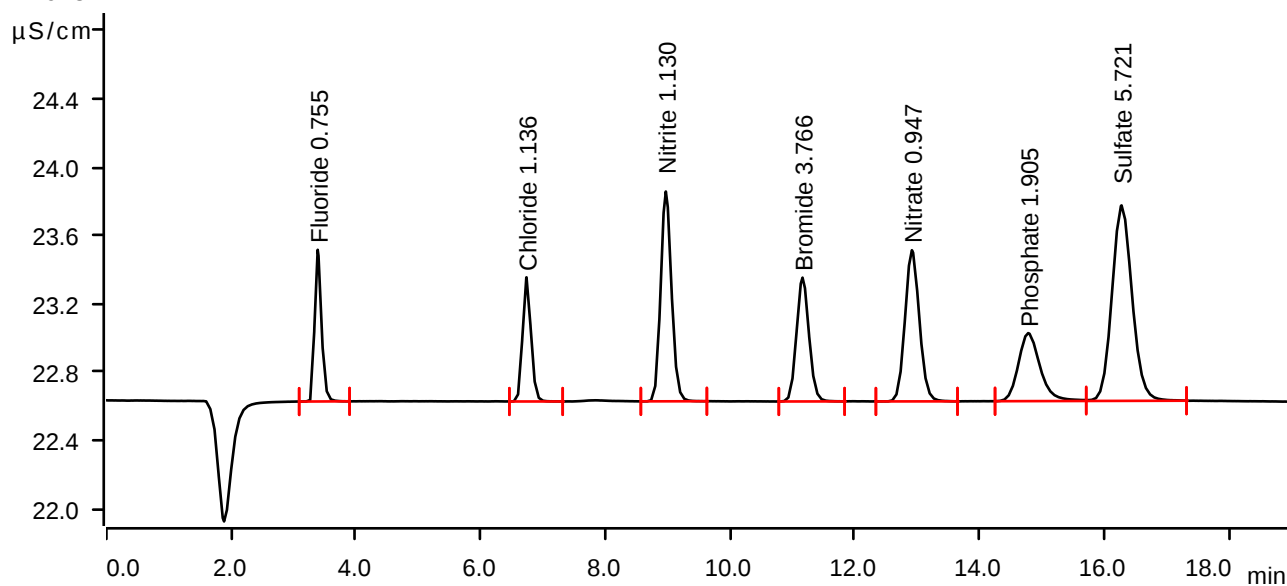
Sample data

Ident STD3
Sample type Standard 3
Determination start 2024-06-13 11:52:58 UTC-4
Method IC1-061324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.06 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.388	0.1123	0.888	0.755	Fluoride
2	6.737	0.1146	0.727	1.136	Chloride
3	8.970	0.2477	1.229	1.130	Nitrite
4	11.162	0.1687	0.725	3.766	Bromide
5	12.915	0.2368	0.886	0.947	Nitrate
6	14.780	0.1607	0.398	1.905	Phosphate
7	16.277	0.4299	1.145	5.721	Sulfate

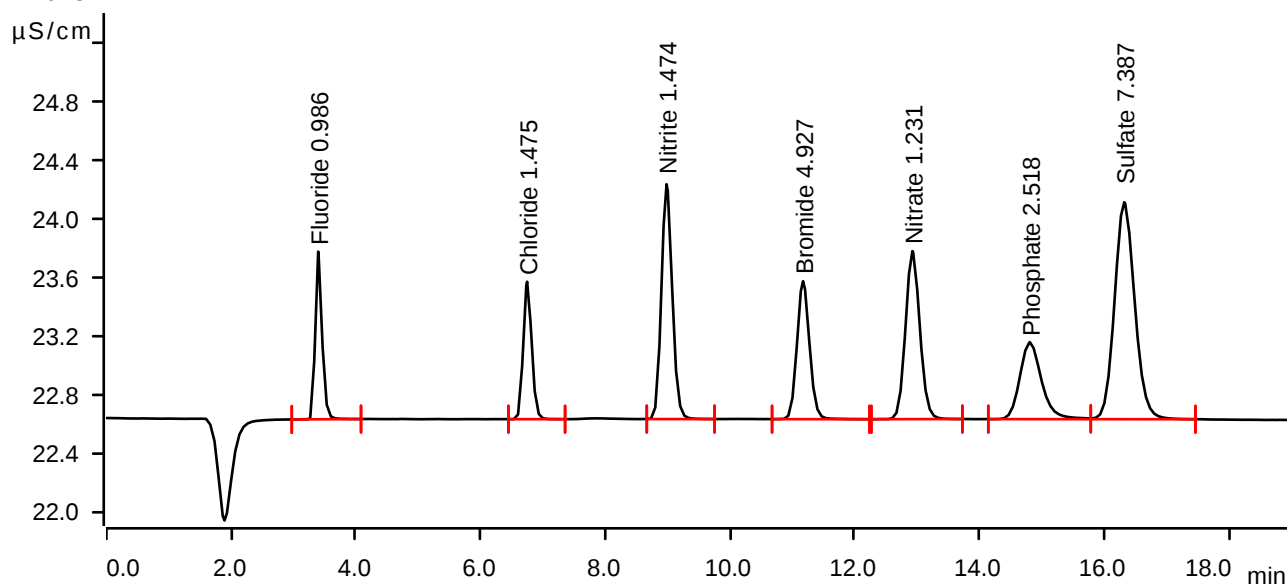
Sample data

Ident STD4
Sample type Standard 4
Determination start 2024-06-13 12:14:22 UTC-4
Method IC1-061324
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	3.397	0.1461	1.146	0.986	Fluoride
2	6.747	0.1481	0.939	1.475	Chloride
3	8.982	0.3238	1.605	1.474	Nitrite
4	11.170	0.2198	0.943	4.927	Bromide
5	12.923	0.3071	1.148	1.231	Nitrate
6	14.807	0.2117	0.526	2.518	Phosphate
7	16.320	0.5562	1.482	7.387	Sulfate

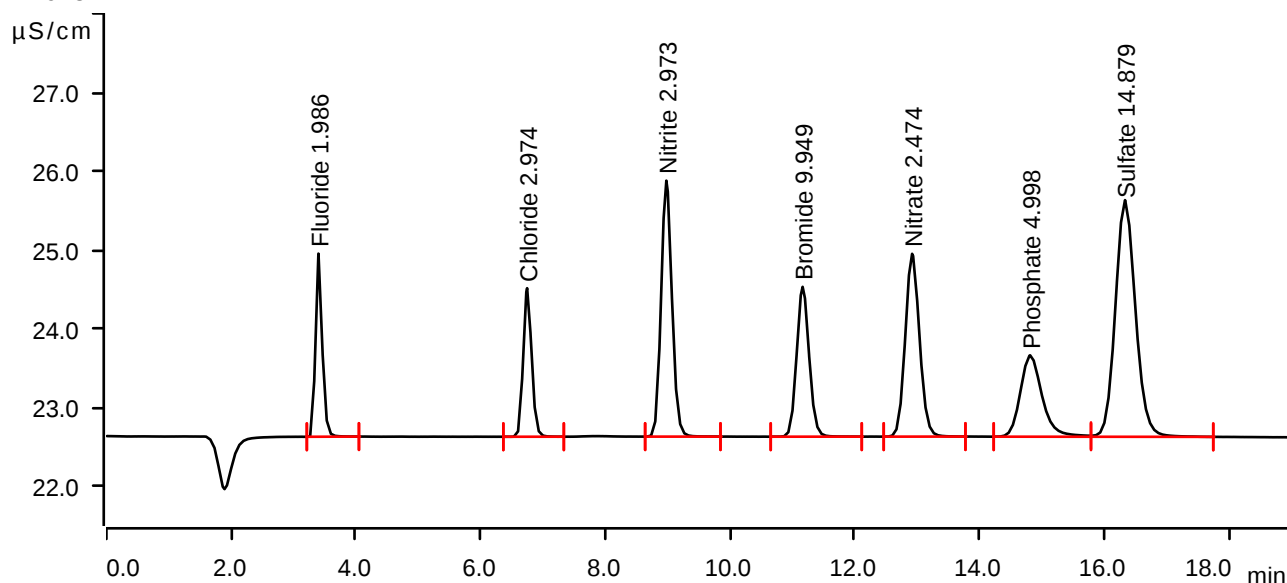
Sample data

Ident STD5
Sample type Standard 5
Determination start 2024-06-13 12:35:48 UTC-4
Method IC1-061324
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	0.2925	2.324	1.986	Fluoride
2	6.747	0.2959	1.885	2.974	Chloride
3	8.978	0.6543	3.248	2.973	Nitrite
4	11.163	0.4410	1.902	9.949	Bromide
5	12.918	0.6156	2.320	2.474	Nitrate
6	14.812	0.4181	1.033	4.998	Phosphate
7	16.332	1.1245	3.003	14.879	Sulfate

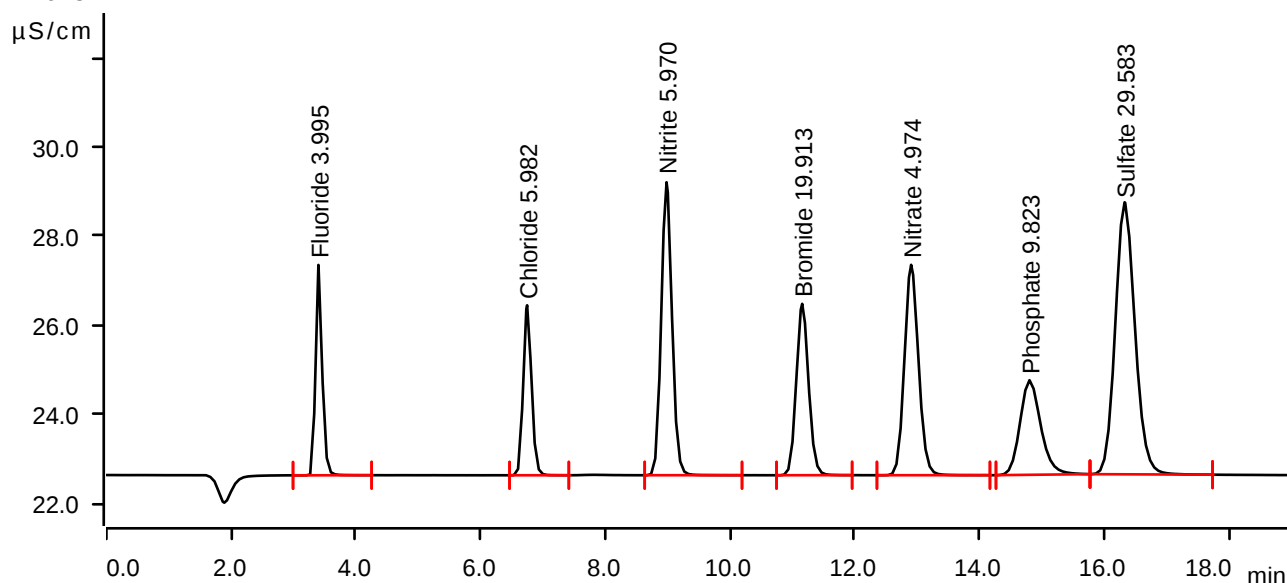
Sample data

Ident STD6
Sample type Standard 6
Determination start 2024-06-13 12:57:14 UTC-4
Method IC1-061324
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	3.400	0.5862	4.723	3.995	Fluoride
2	6.747	0.5927	3.817	5.982	Chloride
3	8.982	1.3154	6.577	5.970	Nitrite
4	11.157	0.8798	3.848	19.913	Bromide
5	12.903	1.2355	4.724	4.974	Nitrate
6	14.802	0.8198	2.123	9.823	Phosphate
7	16.325	2.2398	6.107	29.583	Sulfate

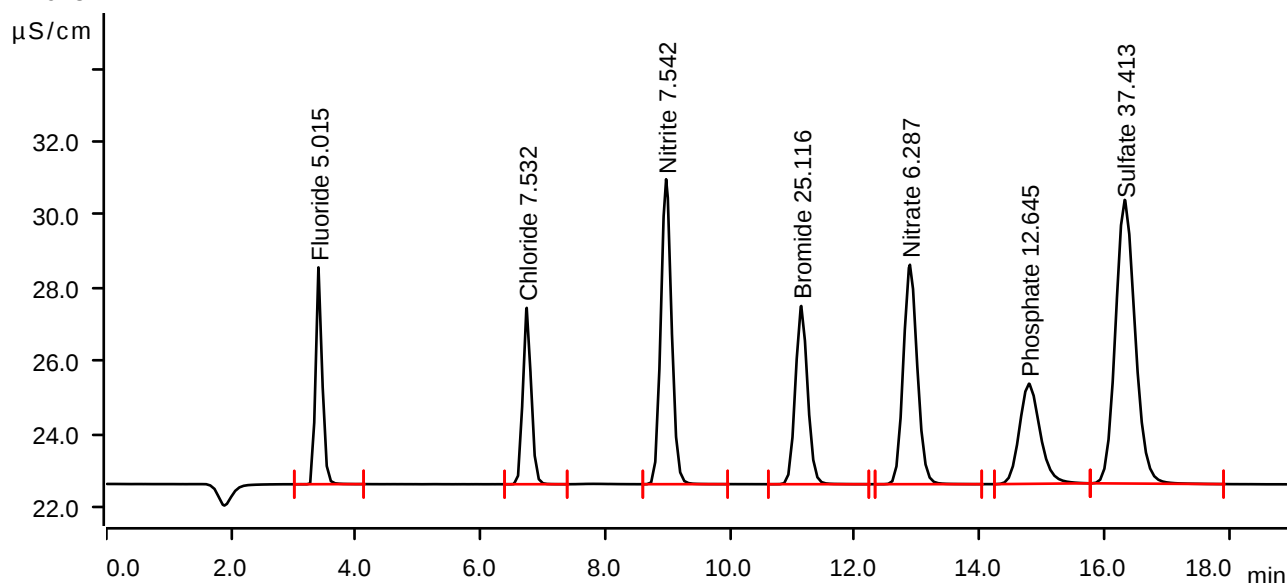
Sample data

Ident STD7
Sample type Standard 7
Determination start 2024-06-13 13:18:41 UTC-4
Method IC1-061324
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	3.402	0.7355	5.925	5.015	Fluoride
2	6.740	0.7457	4.820	7.532	Chloride
3	8.975	1.6623	8.335	7.542	Nitrite
4	11.142	1.1089	4.871	25.116	Bromide
5	12.883	1.5612	5.998	6.287	Nitrate
6	14.792	1.0547	2.736	12.645	Phosphate
7	16.327	2.8337	7.752	37.413	Sulfate

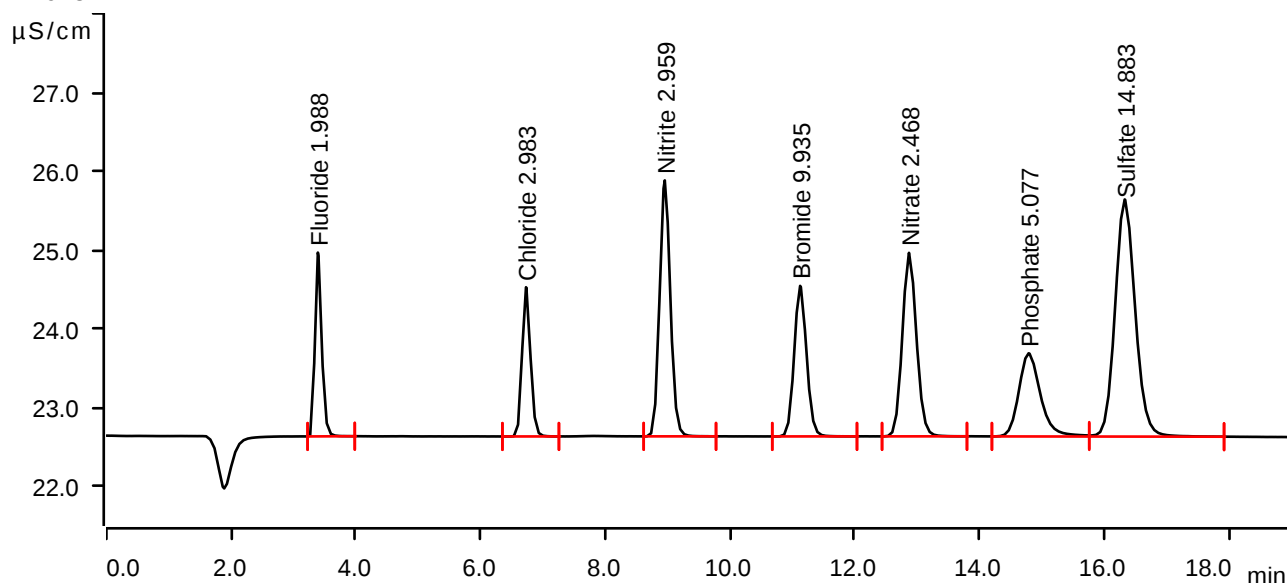
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2024-06-13 13:40:08 UTC-4
Method IC1-061324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.01 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.392	0.2927	2.332	1.988	Fluoride
2	6.728	0.2968	1.894	2.983	Chloride
3	8.953	0.6513	3.248	2.959	Nitrite
4	11.123	0.4404	1.911	9.935	Bromide
5	12.870	0.6140	2.329	2.468	Nitrate
6	14.787	0.4247	1.055	5.077	Phosphate
7	16.327	1.1248	3.009	14.883	Sulfate

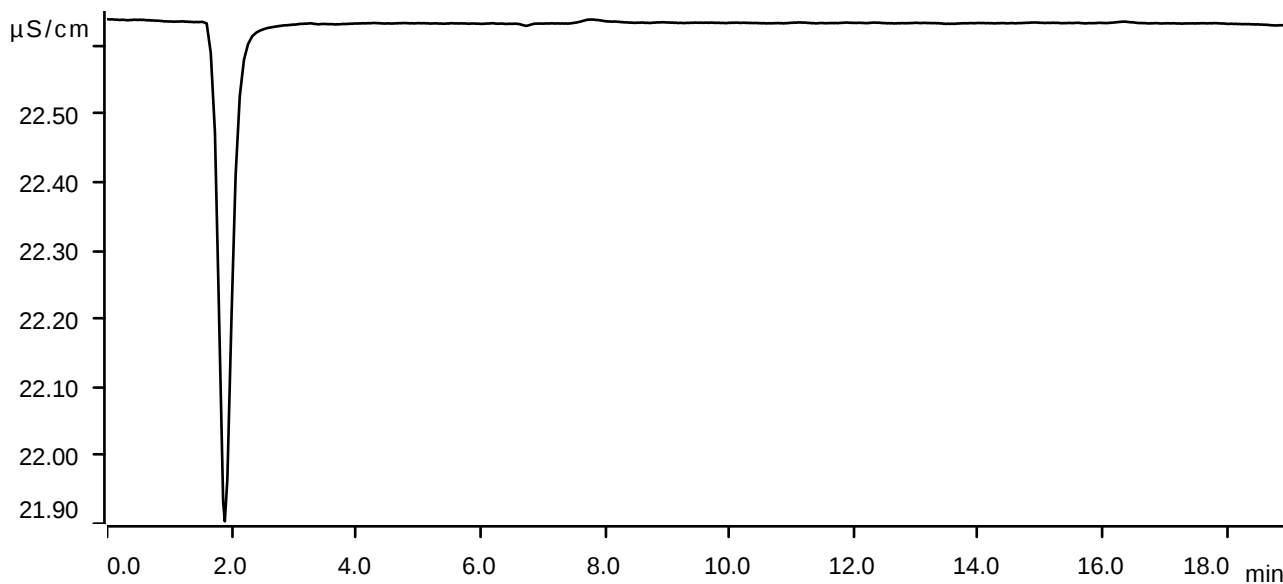
Sample data

Ident ICB
Sample type Sample
Determination start 2024-06-13 14:01:37 UTC-4
Method IC1-061324
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



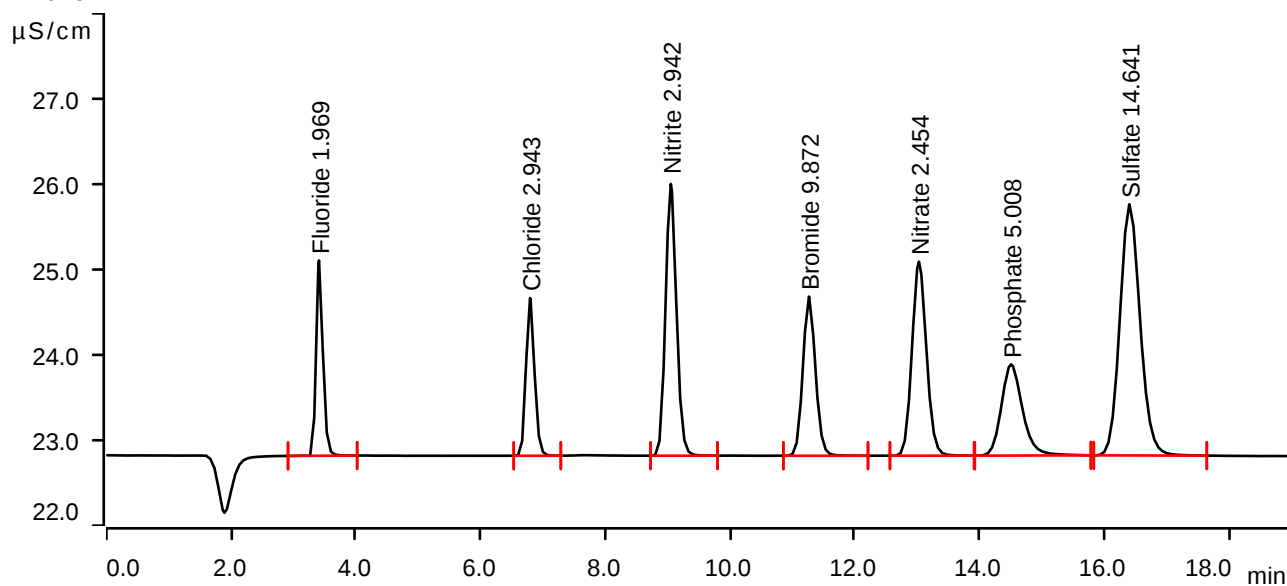
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-06-27 10:39:07 UTC-4
Method IC1-061324
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 12.61 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	3.410	0.2899	2.287	1.969	Fluoride
2	6.793	0.2929	1.847	2.943	Chloride
3	9.050	0.6474	3.184	2.942	Nitrite
4	11.265	0.4376	1.864	9.872	Bromide
5	13.028	0.6106	2.273	2.454	Nitrate
6	14.505	0.4190	1.069	5.008	Phosphate
7	16.405	1.1064	2.942	14.641	Sulfate

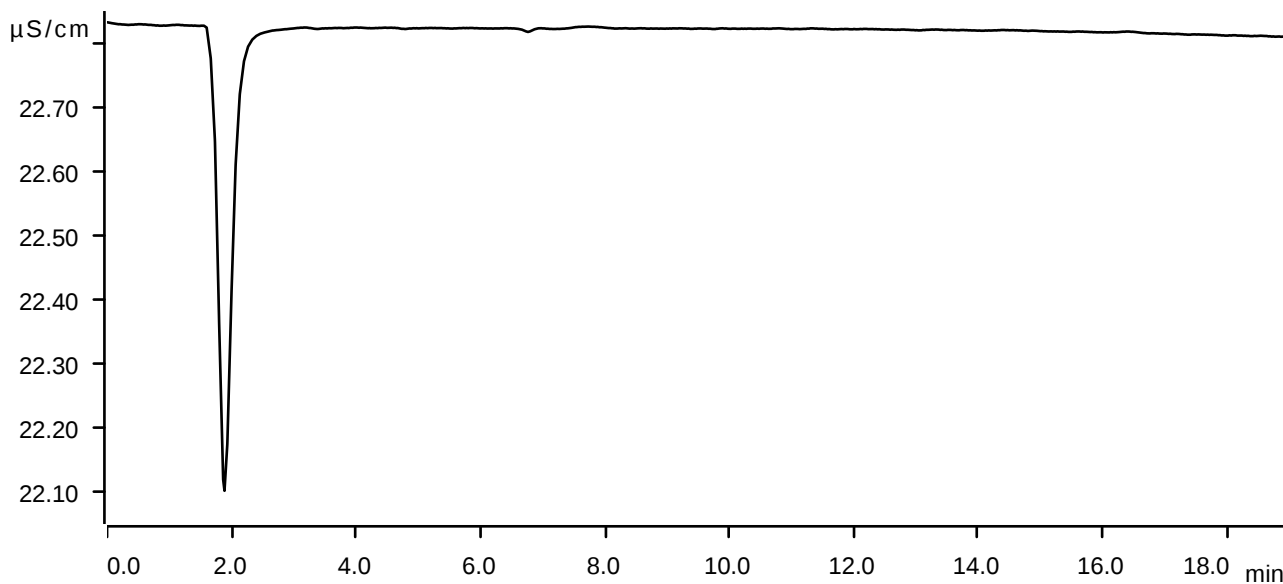
Sample data

Ident CCB
Sample type Sample
Determination start 2024-06-27 11:00:37 UTC-4
Method IC1-061324
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



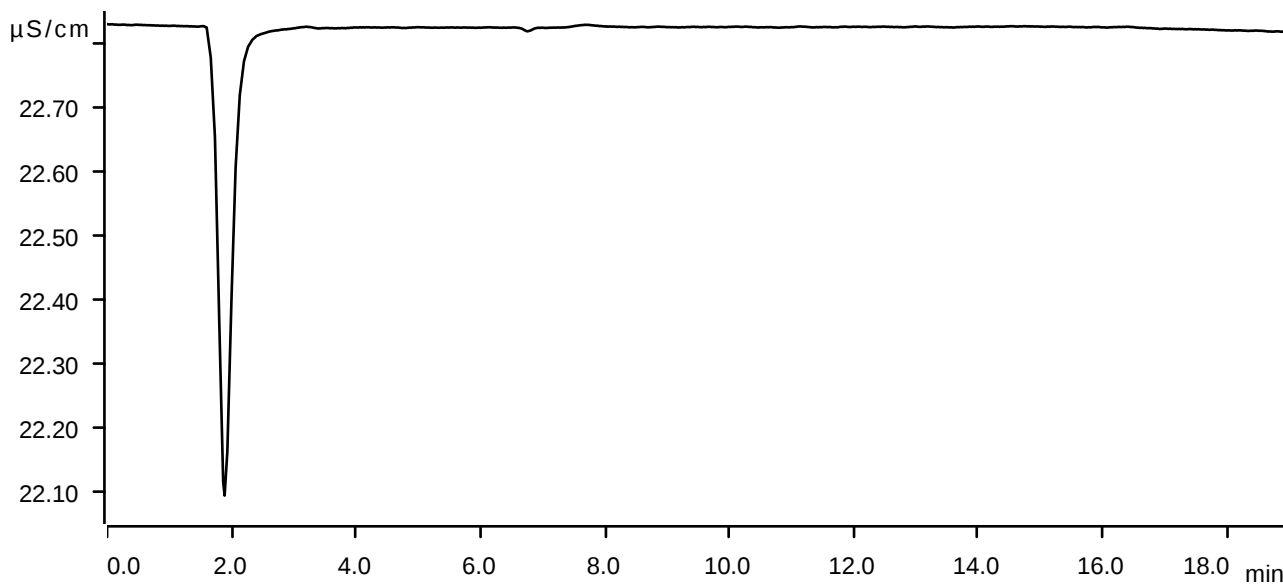
Sample data

Ident LB131426BLW
Sample type Sample
Determination start 2024-06-27 11:22:07 UTC-4
Method IC1-061324
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



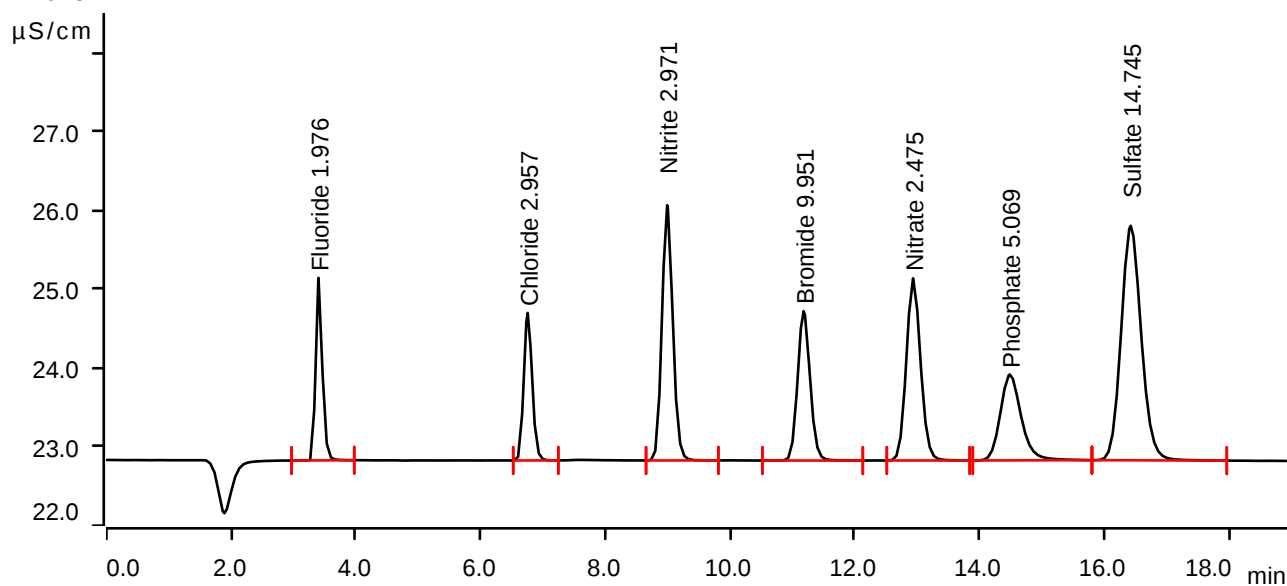
Sample data

Ident LB131426BSW
Sample type Check standard 1
Determination start 2024-06-27 11:43:38 UTC-4
Method IC1-061324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.46 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	0.2909	2.317	1.976	Fluoride
2	6.755	0.2943	1.872	2.957	Chloride
3	8.992	0.6539	3.238	2.971	Nitrite
4	11.180	0.4411	1.896	9.951	Bromide
5	12.935	0.6157	2.312	2.475	Nitrate
6	14.487	0.4240	1.089	5.069	Phosphate
7	16.423	1.1143	2.976	14.745	Sulfate

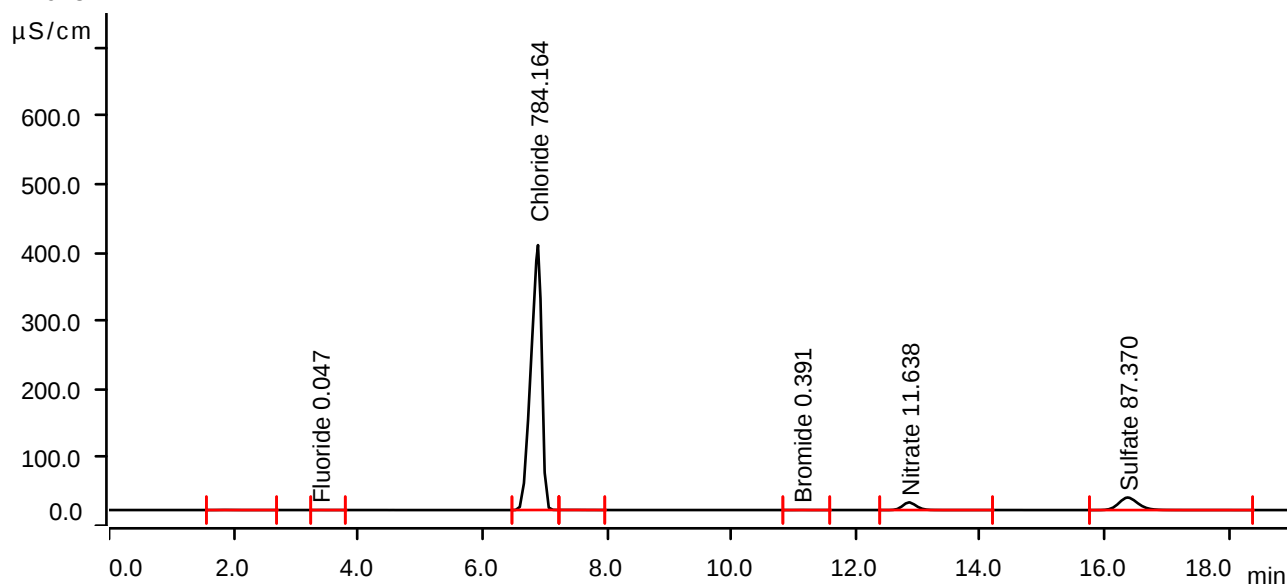
Sample data

Ident P3052-01
Sample type Sample
Determination start 2024-06-27 12:05:10 UTC-4
Method IC1-061324
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 12.95 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	1.862	0.0517	0.191	invalid	
2	3.388	0.0087	0.065	0.047	Fluoride
3	6.893	77.3645	387.851	784.164	Chloride
4	7.403	0.0194	0.052	invalid	
5	11.130	0.0201	0.087	0.391	Bromide
6	12.855	2.8885	11.237	11.638	Nitrate
7	16.368	6.6230	18.333	87.370	Sulfate

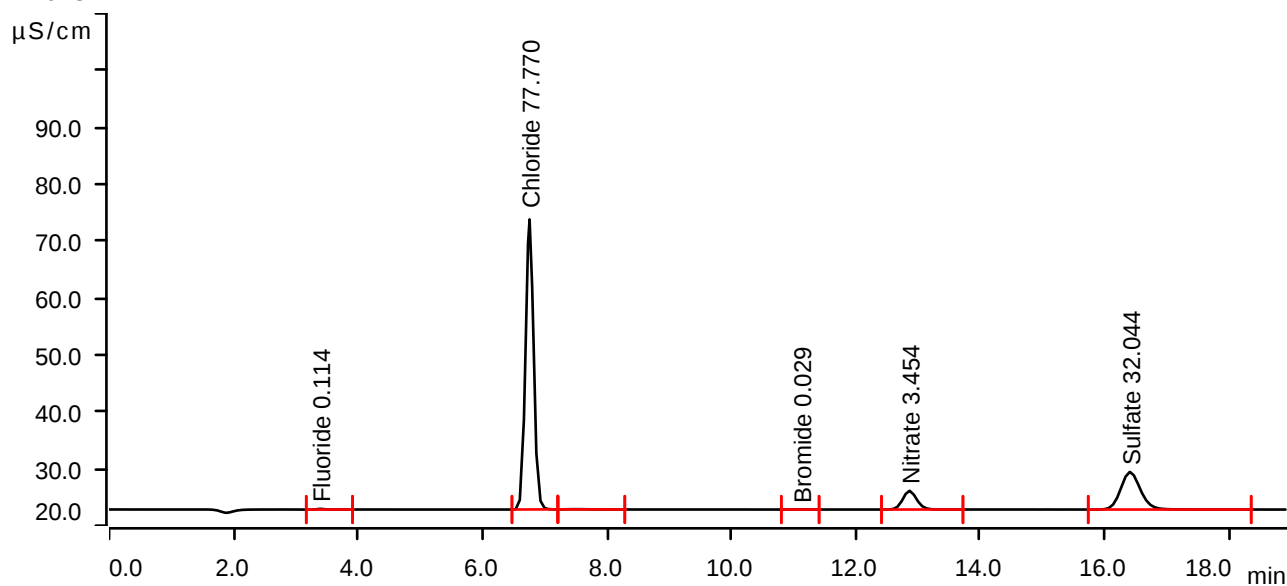
Sample data

Ident P3052-02
Sample type Sample
Determination start 2024-06-27 12:26:43 UTC-4
Method IC1-061324
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	3.392	0.0186	0.129	0.114	Fluoride
2	6.758	7.6749	50.965	77.770	Chloride
3	7.502	0.0171	0.039	invalid	
4	11.122	0.0041	0.018	0.029	Bromide
5	12.862	0.8587	3.279	3.454	Nitrate
6	16.407	2.4265	6.595	32.044	Sulfate

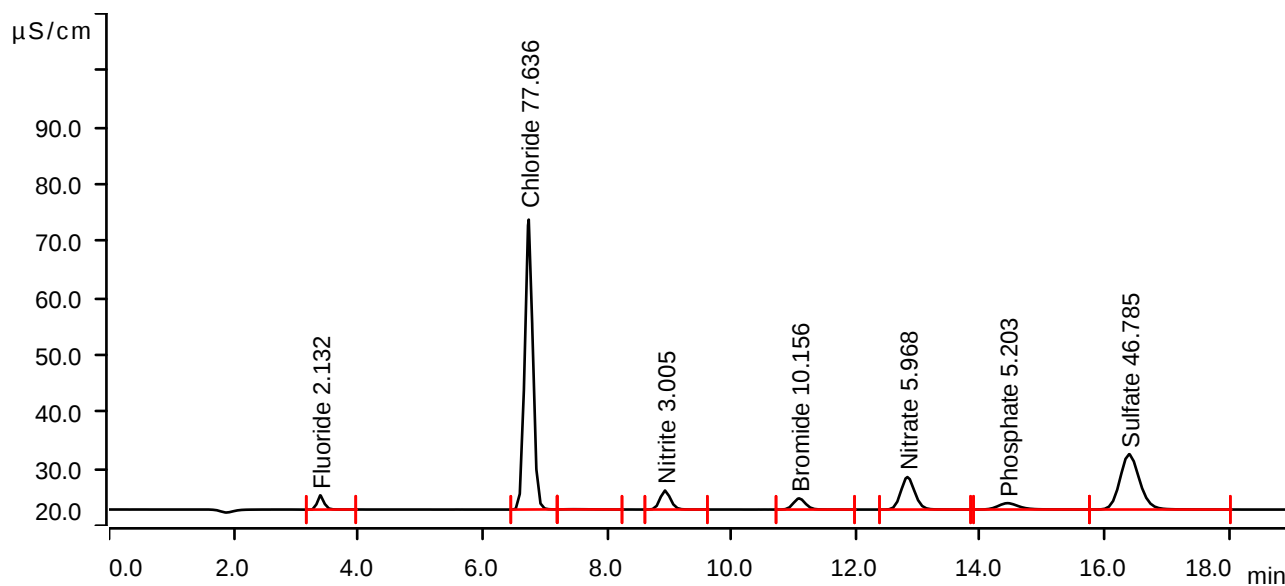
Sample data

Ident P3052-02MS
 Sample type Sample
 Determination start 2024-06-27 12:48:18 UTC-4
 Method IC1-061324
 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 12.89 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	3.393	0.3138	2.503	2.132	Fluoride
2	6.745	7.6618	50.931	77.636	Chloride
3	7.477	0.0167	0.038	invalid	
4	8.935	0.6615	3.340	3.005	Nitrite
5	11.090	0.4501	1.963	10.156	Bromide
6	12.830	1.4821	5.708	5.968	Nitrate
7	14.438	0.4352	1.118	5.203	Phosphate
8	16.392	3.5445	9.725	46.785	Sulfate

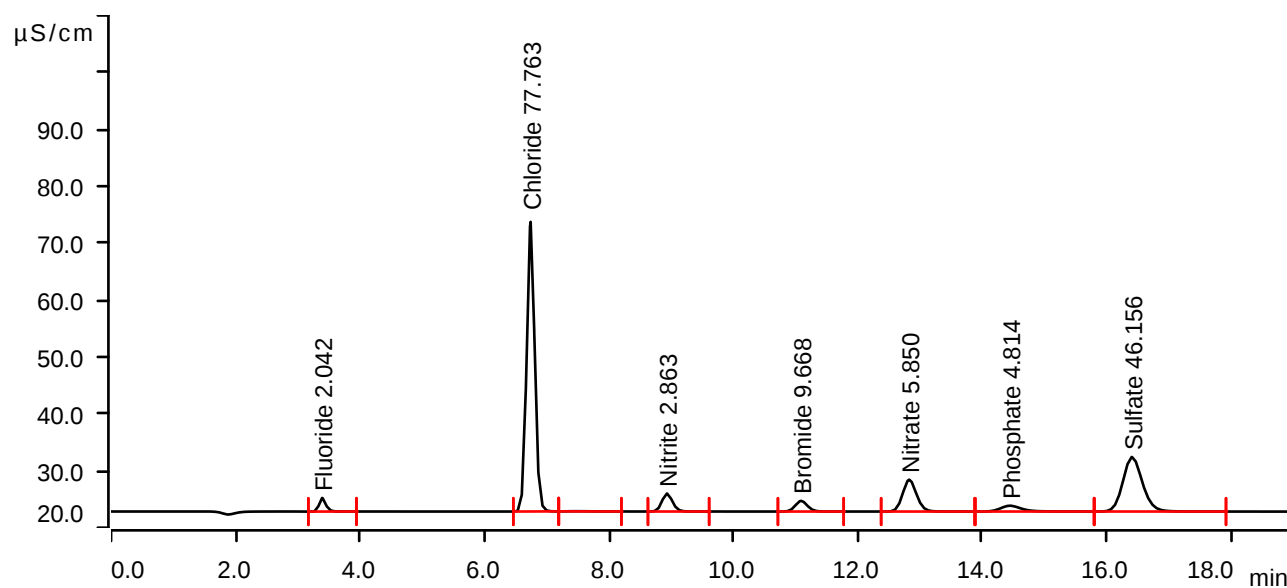
Sample data

Ident P3052-02MSD
Sample type Sample
Determination start 2024-06-27 13:09:55 UTC-4
Method IC1-061324
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.392	0.3006	2.390	2.042	Fluoride
2	6.743	7.6742	50.885	77.763	Chloride
3	7.480	0.0166	0.038	invalid	
4	8.933	0.6300	3.175	2.863	Nitrite
5	11.090	0.4286	1.876	9.668	Bromide
6	12.827	1.4530	5.599	5.850	Nitrate
7	14.447	0.4028	1.023	4.814	Phosphate
8	16.407	3.4969	9.586	46.156	Sulfate

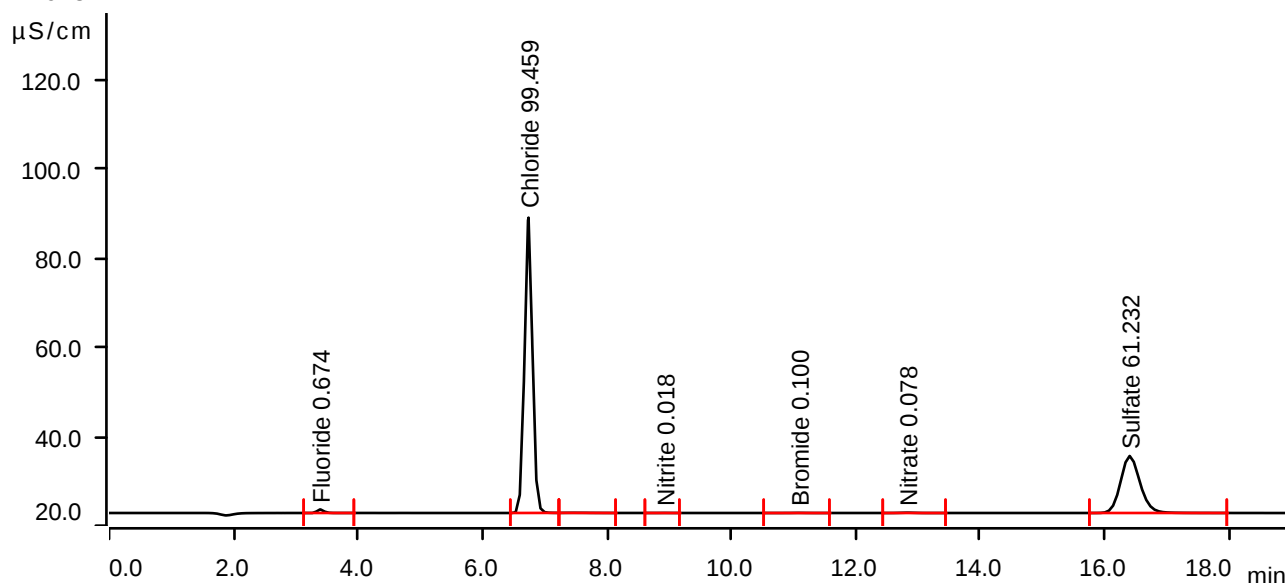
Sample data

Ident P3073-05
Sample type Sample
Determination start 2024-06-27 13:31:31 UTC-4
Method IC1-061324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.68 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	0.1004	0.798	0.674	Fluoride
2	6.742	9.8147	66.302	99.459	Chloride
3	7.473	0.0100	0.025	invalid	
4	8.927	0.0024	0.012	0.018	Nitrite
5	11.085	0.0073	0.028	0.100	Bromide
6	12.827	0.0212	0.078	0.078	Nitrate
7	16.400	4.6404	12.807	61.232	Sulfate

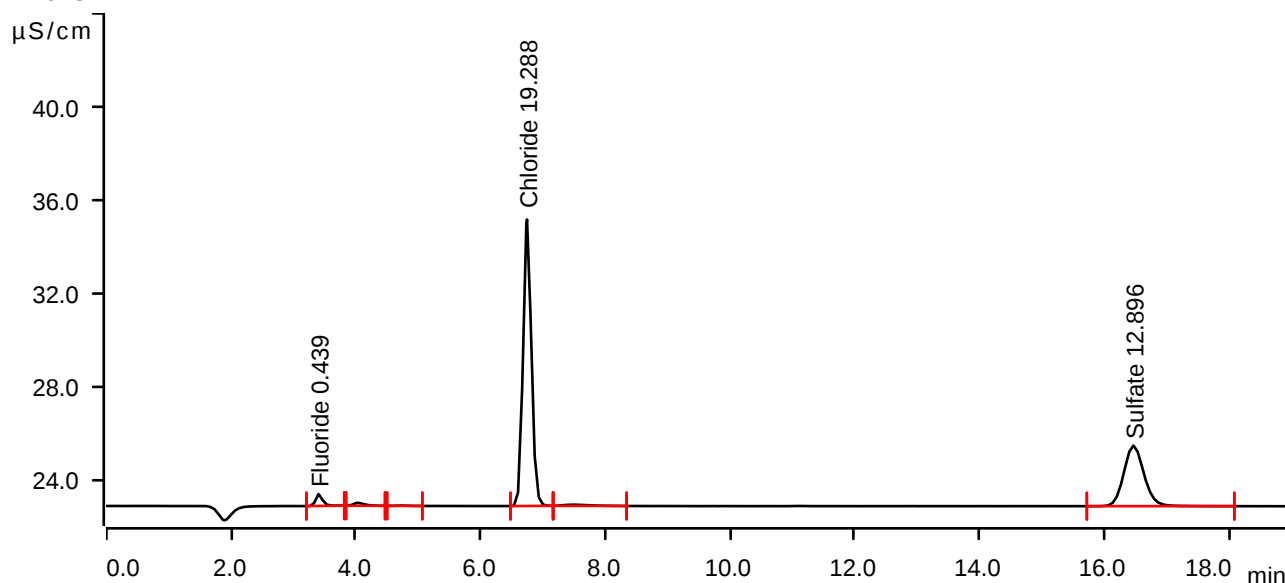
Sample data

Ident P3092-01
Sample type Sample
Determination start 2024-06-27 13:53:04 UTC-4
Method IC1-061324
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	3.403	0.0661	0.511	0.439	Fluoride
2	4.032	0.0251	0.125	invalid	
3	4.742	0.0024	0.014	invalid	
4	6.745	1.9055	12.305	19.288	Chloride
5	7.497	0.0237	0.049	invalid	
6	16.467	0.9741	2.603	12.896	Sulfate

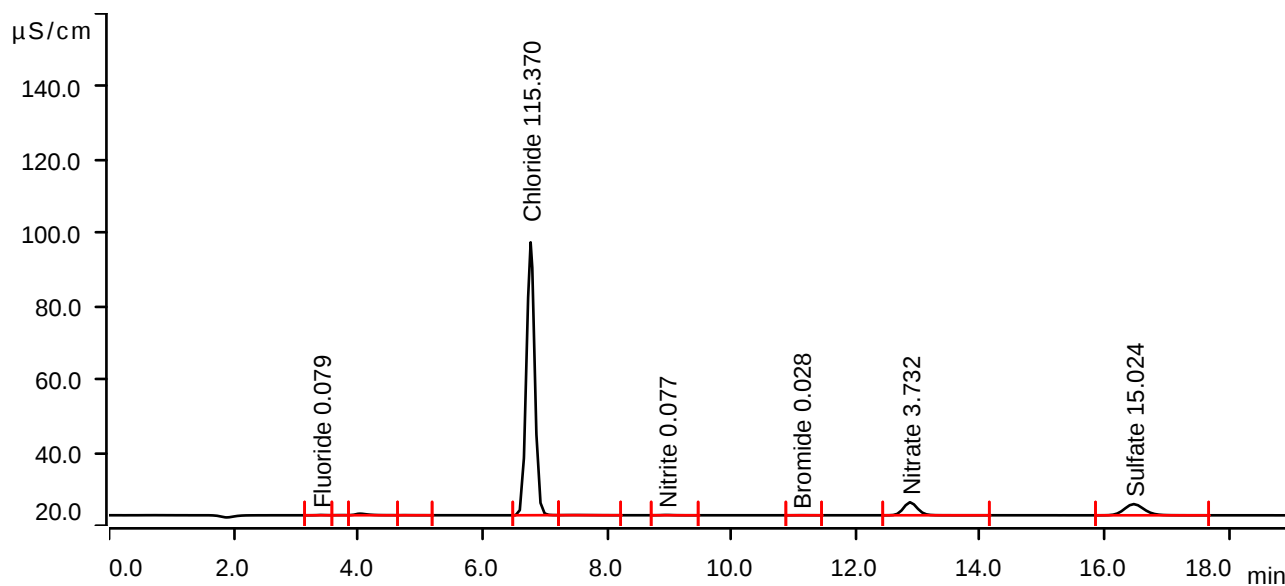
Sample data

Ident P3092-02
Sample type Sample
Determination start 2024-06-27 14:14:38 UTC-4
Method IC1-061324
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.405	0.0134	0.082	0.079	Fluoride
2	3.743	0.0093	0.045	invalid	
3	4.033	0.1072	0.438	invalid	
4	4.763	0.0070	0.029	invalid	
5	6.775	11.3844	74.583	115.370	Chloride
6	7.490	0.0161	0.039	invalid	
7	8.958	0.0155	0.077	0.077	Nitrite
8	11.133	0.0041	0.018	0.028	Bromide
9	12.873	0.9276	3.541	3.732	Nitrate
10	16.467	1.1355	3.055	15.024	Sulfate

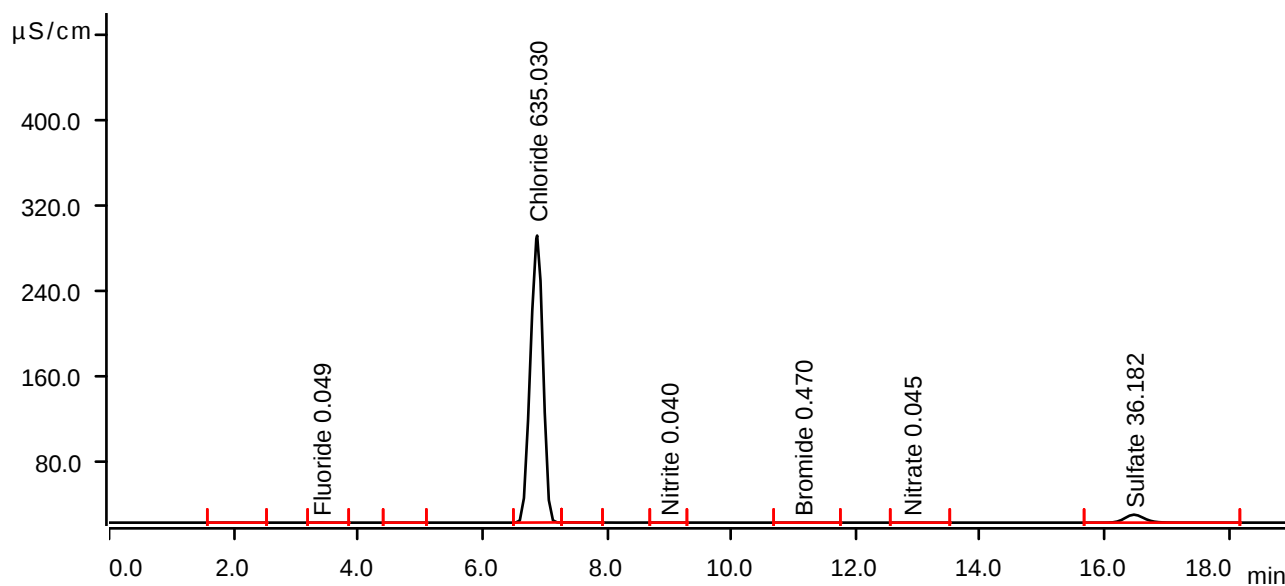
Sample data

Ident P3092-03
Sample type Sample
Determination start 2024-06-27 14:36:11 UTC-4
Method IC1-061324
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	1.860	0.0168	0.053	invalid	
2	3.405	0.0091	0.067	0.049	Fluoride
3	4.765	0.0027	0.015	invalid	
4	6.880	62.6516	268.920	635.030	Chloride
5	7.400	0.0218	0.065	invalid	
6	8.980	0.0072	0.035	0.040	Nitrite
7	11.143	0.0235	0.100	0.470	Bromide
8	12.897	0.0129	0.047	0.045	Nitrate
9	16.470	2.7403	7.465	36.182	Sulfate

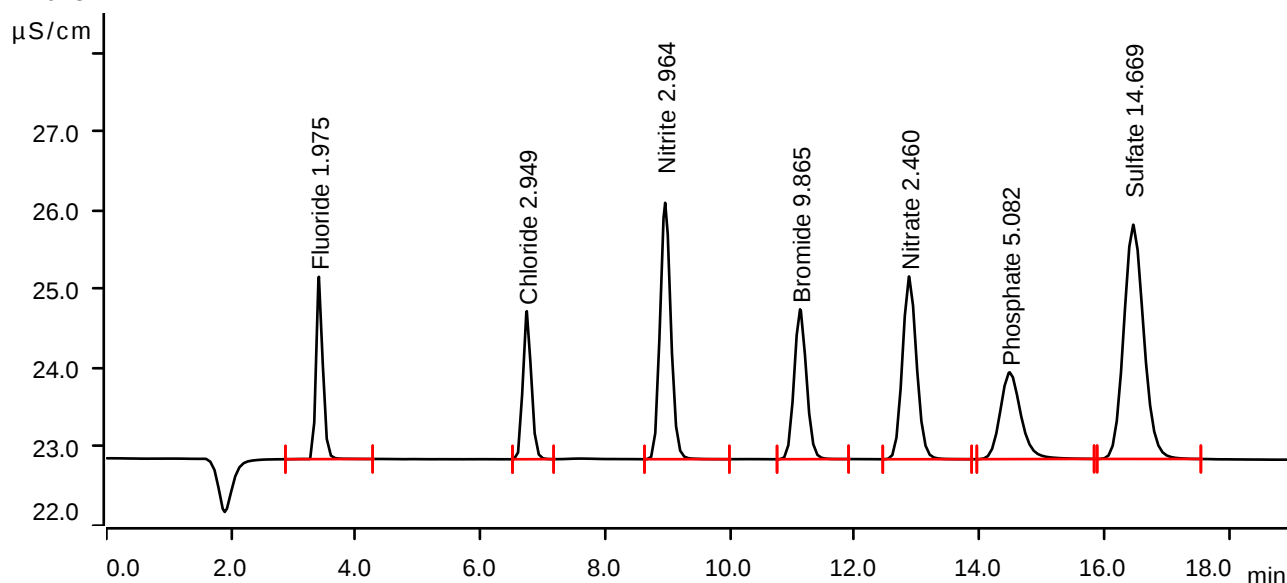
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-06-27 14:57:43 UTC-4
Method IC1-061324
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



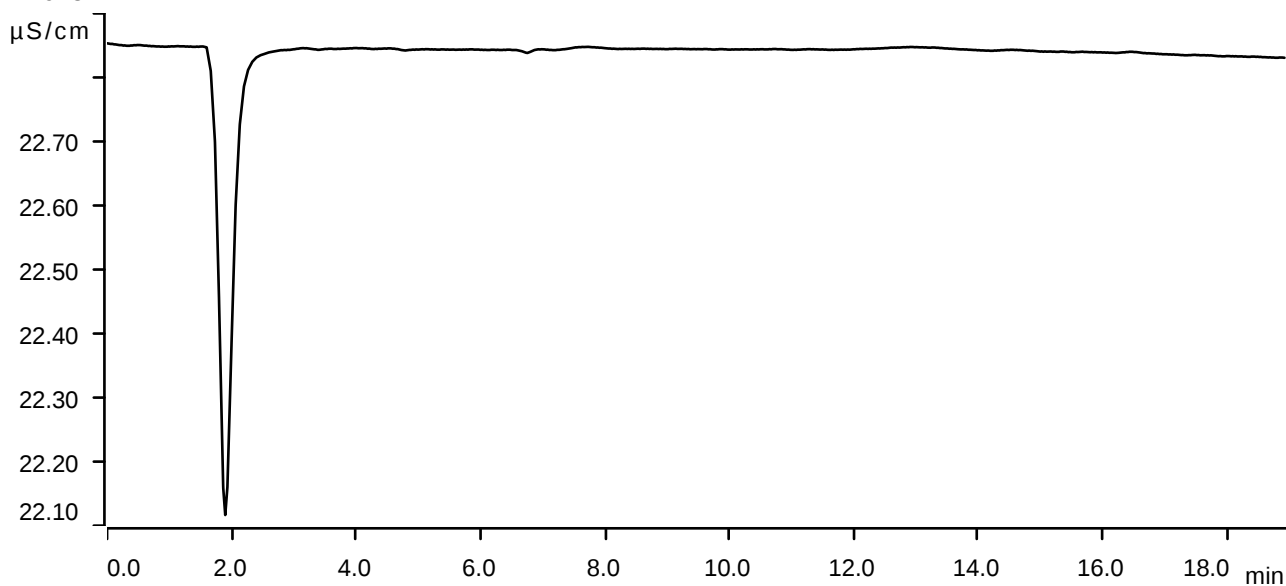
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.408	0.2908	2.314	1.975	Fluoride
2	6.742	0.2935	1.879	2.949	Chloride
3	8.960	0.6523	3.254	2.964	Nitrite
4	11.122	0.4373	1.902	9.865	Bromide
5	12.872	0.6120	2.320	2.460	Nitrate
6	14.483	0.4252	1.102	5.082	Phosphate
7	16.463	1.1086	2.973	14.669	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-06-27 15:18:58 UTC-4
Method IC1-061324
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

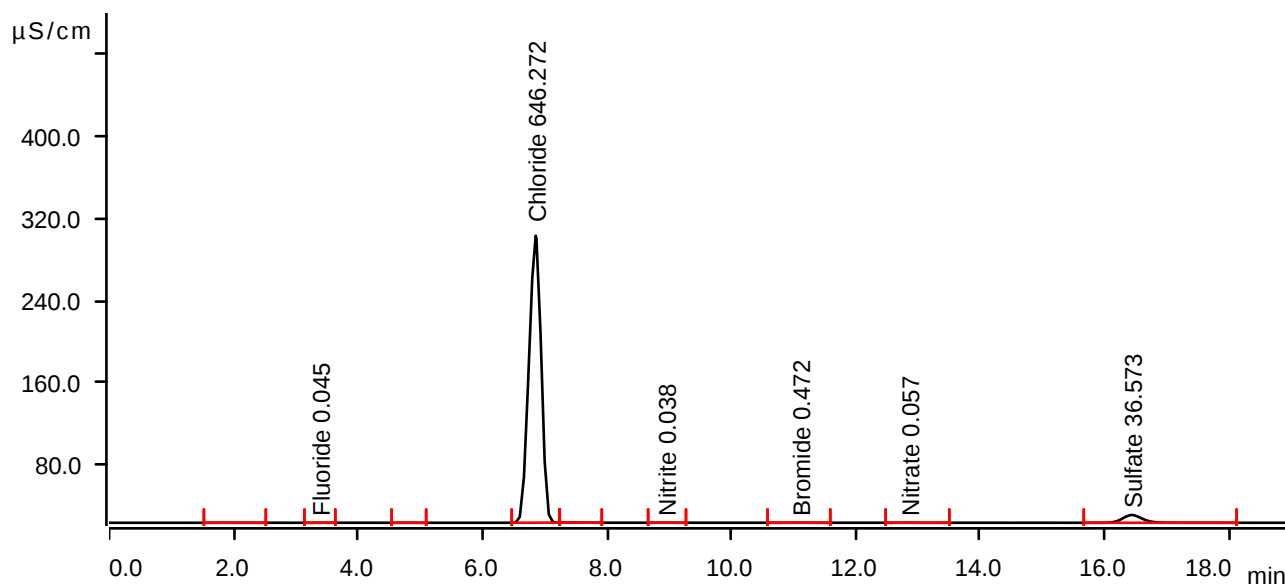
Sample data

Ident P3092-04
 Sample type Sample
 Determination start 2024-06-27 15:40:28 UTC-4
 Method IC1-061324
 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 12.89 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	1.850	0.0202	0.067	invalid	
2	3.388	0.0084	0.065	0.045	Fluoride
3	4.738	0.0028	0.016	invalid	
4	6.857	63.7607	280.135	646.272	Chloride
5	7.380	0.0225	0.067	invalid	
6	8.943	0.0069	0.034	0.038	Nitrite
7	11.105	0.0236	0.102	0.472	Bromide
8	12.860	0.0160	0.059	0.057	Nitrate
9	16.433	2.7700	7.571	36.573	Sulfate

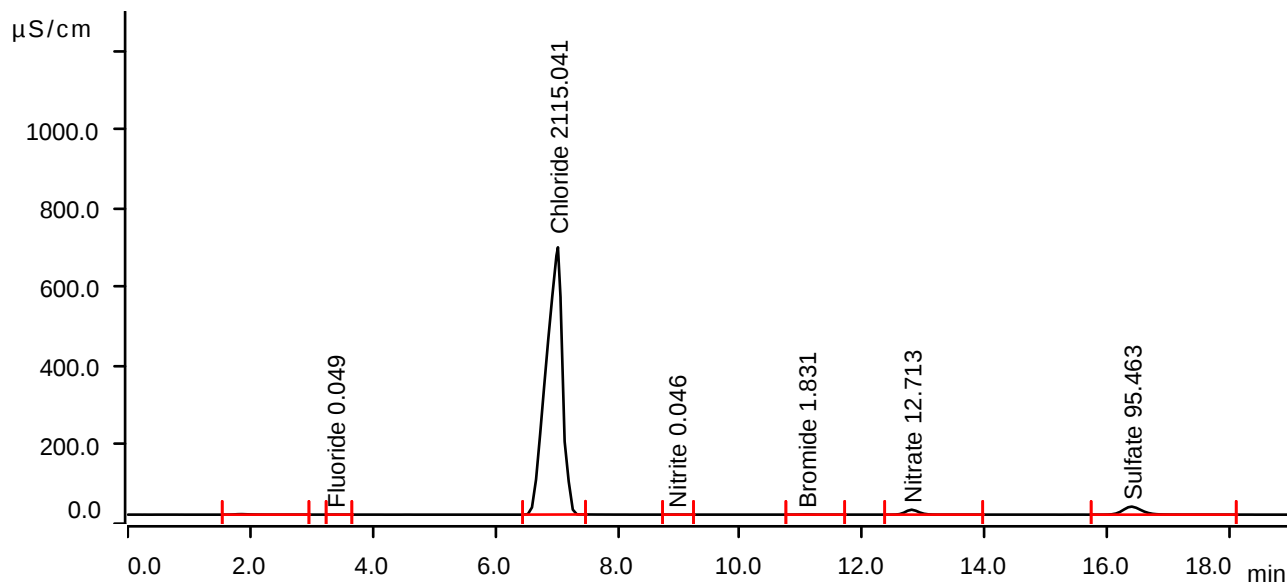
Sample data

Ident P3092-05
Sample type Sample
Determination start 2024-06-27 16:02:00 UTC-4
Method IC1-061324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 13.63 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.852	0.3539	1.271	invalid	
2	3.382	0.0091	0.069	0.049	Fluoride
3	7.025	208.6625	678.188	2115.041	Chloride
4	8.953	0.0087	0.046	0.046	Nitrite
5	11.080	0.0835	0.367	1.831	Bromide
6	12.798	3.1551	12.498	12.713	Nitrate
7	16.388	7.2368	20.252	95.463	Sulfate

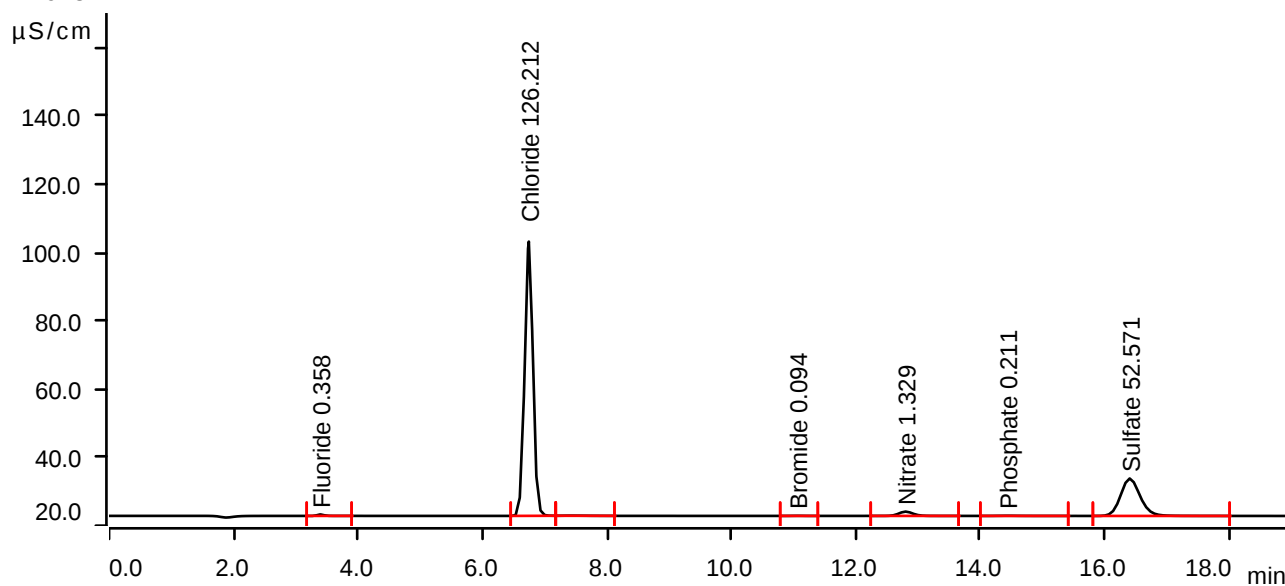
Sample data

Ident P3092-06
Sample type Sample
Determination start 2024-06-27 16:23:30 UTC-4
Method IC1-061324
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	3.392	0.0542	0.421	0.358	Fluoride
2	6.747	12.4540	80.320	126.212	Chloride
3	7.437	0.0185	0.045	invalid	
4	11.057	0.0070	0.031	0.094	Bromide
5	12.800	0.3314	1.259	1.329	Nitrate
6	14.430	0.0197	0.048	0.211	Phosphate
7	16.402	3.9834	10.957	52.571	Sulfate

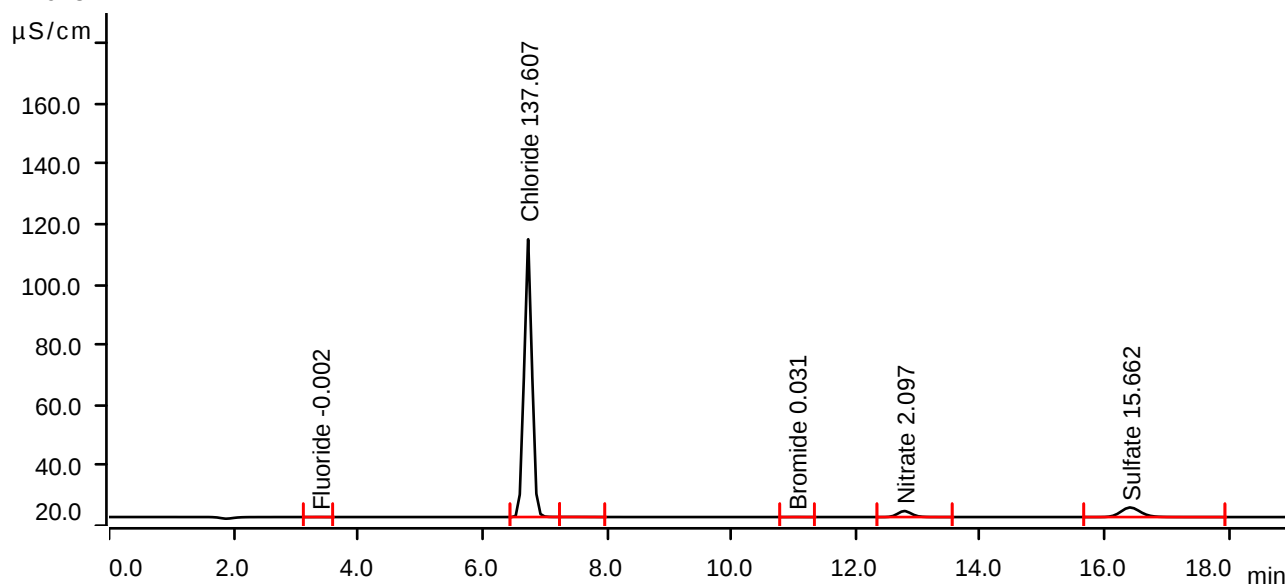
Sample data

Ident P3052-01DLX5
Sample type Sample
Determination start 2024-06-27 16:45:00 UTC-4
Method IC1-061324
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	3.387	0.0016	0.013	-0.002	Fluoride
2	6.737	13.5783	92.198	137.607	Chloride
3	7.450	0.0054	0.015	invalid	
4	11.045	0.0042	0.018	0.031	Bromide
5	12.780	0.5219	1.990	2.097	Nitrate
6	16.408	1.1839	3.185	15.662	Sulfate

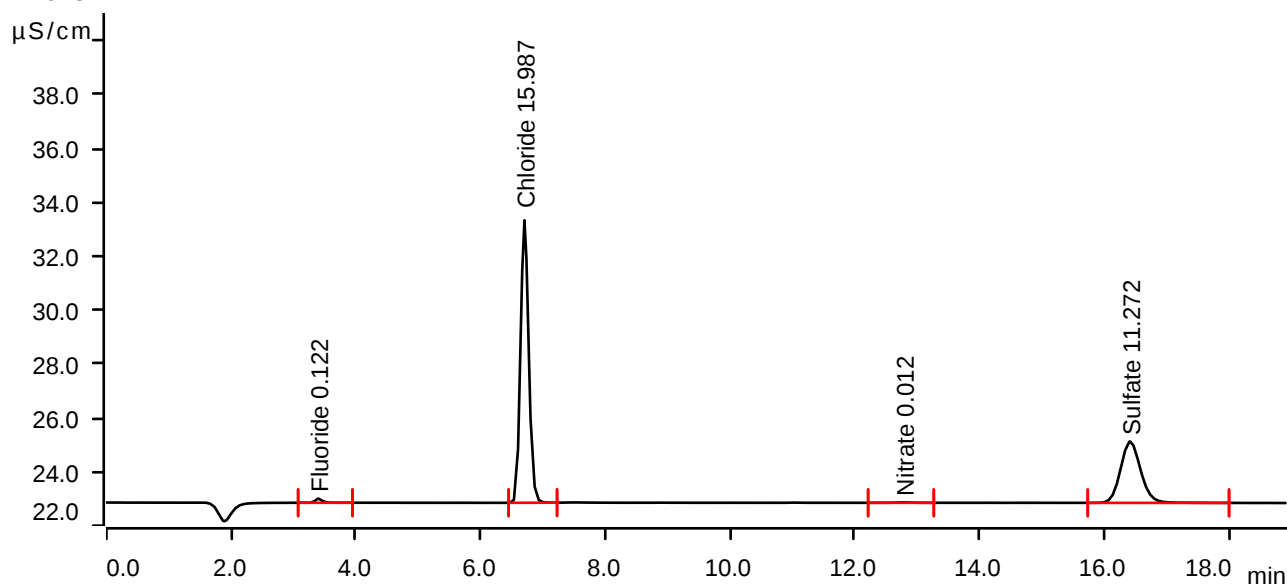
Sample data

Ident P3073-05DLX5
Sample type Sample
Determination start 2024-06-27 17:06:29 UTC-4
Method IC1-061324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 14.25 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	0.0197	0.155	0.122	Fluoride
2	6.703	1.5798	10.475	15.987	Chloride
3	12.785	0.0048	0.016	0.012	Nitrate
4	16.413	0.8509	2.277	11.272	Sulfate

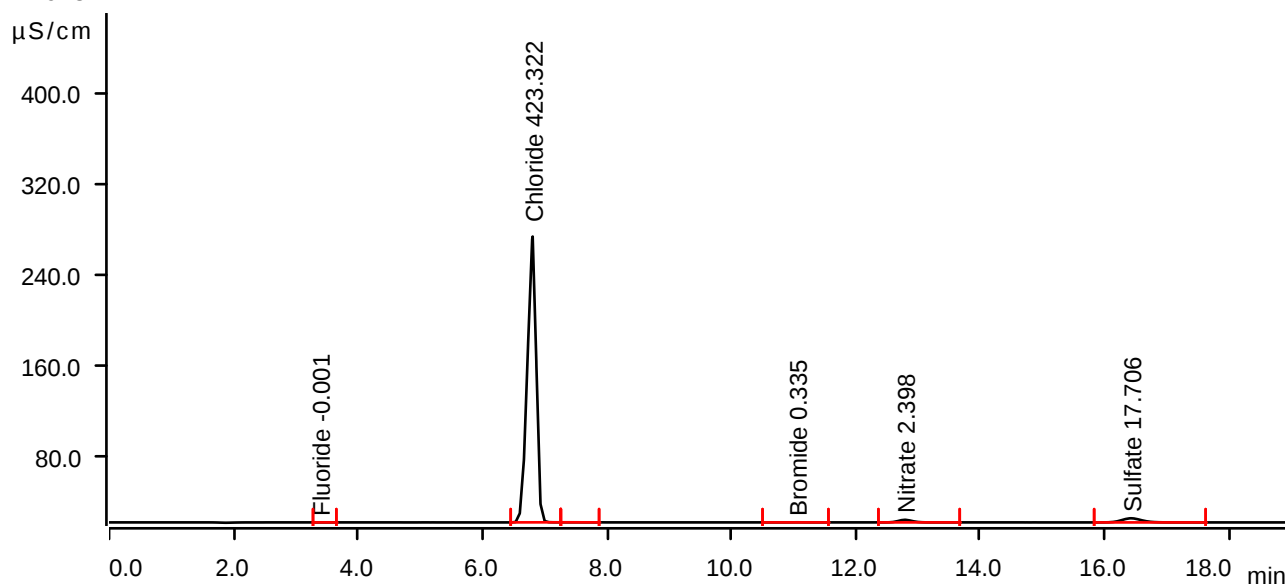
Sample data

Ident P3092-05DLX5
Sample type Sample
Determination start 2024-06-27 17:27:57 UTC-4
Method IC1-061324
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	3.388	0.0017	0.014	-0.001	Fluoride
2	6.808	41.7655	251.100	423.322	Chloride
3	7.398	0.0063	0.018	invalid	
4	11.052	0.0176	0.075	0.335	Bromide
5	12.788	0.5967	2.288	2.398	Nitrate
6	16.423	1.3389	3.627	17.706	Sulfate

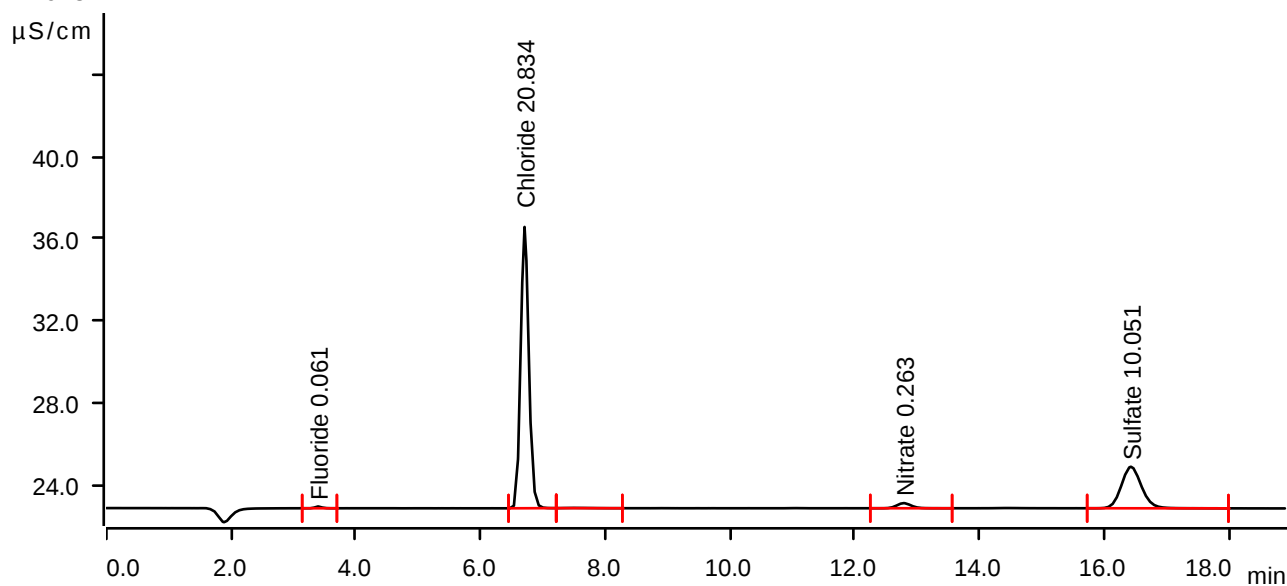
Sample data

Ident P3092-06DLX5
Sample type Sample
Determination start 2024-06-27 17:49:25 UTC-4
Method IC1-061324
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	3.392	0.0108	0.086	0.061	Fluoride
2	6.705	2.0579	13.730	20.834	Chloride
3	7.505	0.0054	0.012	invalid	
4	12.783	0.0672	0.251	0.263	Nitrate
5	16.427	0.7583	2.029	10.051	Sulfate

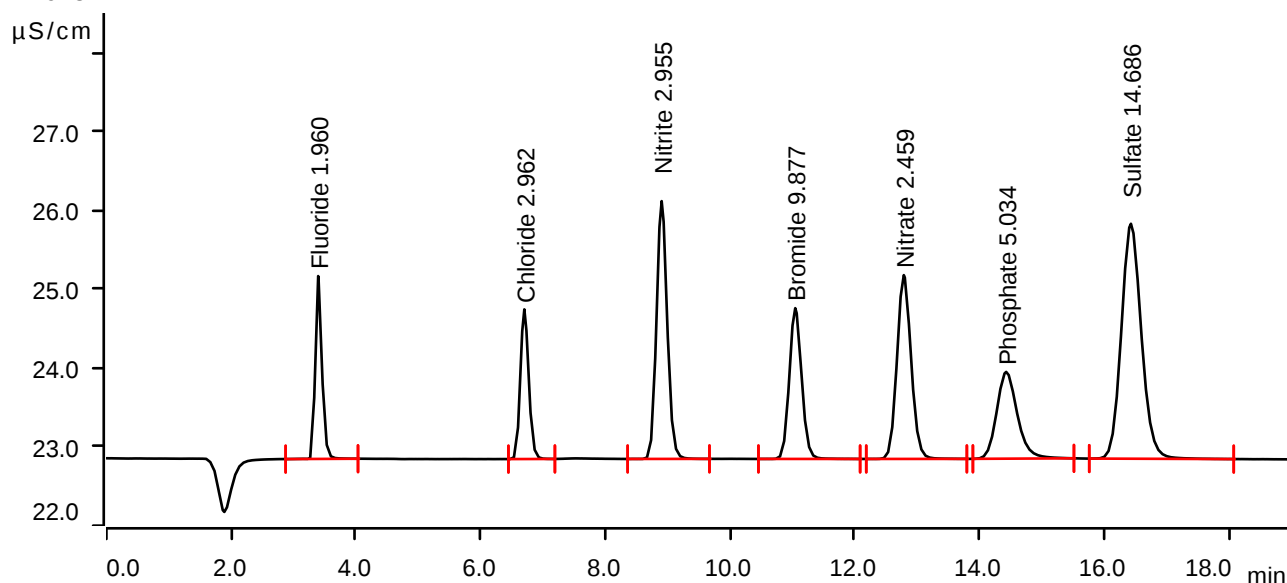
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-06-27 18:10:52 UTC-4
Method IC1-061324
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	3.397	0.2886	2.320	1.960	Fluoride
2	6.702	0.2948	1.899	2.962	Chloride
3	8.903	0.6503	3.272	2.955	Nitrite
4	11.045	0.4378	1.914	9.877	Bromide
5	12.785	0.6117	2.333	2.459	Nitrate
6	14.427	0.4211	1.101	5.034	Phosphate
7	16.427	1.1099	2.982	14.686	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-06-27 18:32:22 UTC-4
Method IC1-061324
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

