

Instrument IC-1			Analyst: NF		Method: 300.0 / 9056A		Initial wt/Final Vol Analyst		
Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method nar date time	
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-042225 4/22/2025 10:37	10 NF/IZ
STD2	0.431	0.651	0.655	2.172	0.551	1.090	3.366	IC1-042225 4/22/2025 10:59	10 NF/IZ
STD3	0.810	1.217	1.222	4.049	1.011	2.010	6.091	IC1-042225 4/22/2025 11:20	10 NF/IZ
STD4	0.984	1.509	1.498	5.011	1.250	2.445	7.369	IC1-042225 4/22/2025 11:42	10 NF/IZ
STD5	1.938	2.914	2.916	9.735	2.424	4.860	14.361	IC1-042225 4/22/2025 12:03	10 NF/IZ
STD6	4.065	5.918	5.915	19.752	4.949	10.183	30.380	IC1-042225 4/22/2025 12:25	10 NF/IZ
STD7	4.972	7.591	7.594	25.280	6.316	12.412	36.933	IC1-042225 4/22/2025 12:46	10 NF/IZ
ICV	2.034	3.100	3.074	10.246	2.611	5.165	15.120	IC1-042225 4/22/2025 13:07	10 NF/IZ
ICB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-042225 4/22/2025 13:58	10 NF/IZ
CCV	2.068	3.159	3.130	10.470	2.658	5.236	15.229	IC1-042225 4/29/2025 11:14	10 NF/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-042225 4/29/2025 11:35	10 NF/IZ
LB135679BLS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-042225 4/29/2025 11:57	5.00gr/100mL NF/IZ
LB135679BSS	2.064	3.153	3.135	10.454	2.651	5.253	15.221	IC1-042225 4/29/2025 12:18	5.00gr/100mL NF/IZ
Q1872-01DLX4	3.657	38.460	0.000	0.000	8.887	5.183	87.472	IC1-042225 4/29/2025 13:02	20.00gr/100mL NF/IZ
Q1872-01DL2X20	0.702	6.358	0.000	0.473	1.699	1.148	16.037	IC1-042225 4/29/2025 13:25	20.00gr/100mL NF/IZ
Q1872-25	0.000	0.091	8.667	0.000	0.000	0.000	0.000	IC1-042225 4/29/2025 14:11	5.00gr/100mL NF/IZ
Q1872-25DLX2	0.000	0.078	4.240	0.000	0.000	0.000	0.000	IC1-042225 4/29/2025 14:56	5.00gr/100mL NF/IZ
Q1872-01	8.055	180.208	0.000	5.229	41.961	13.056	414.443	IC1-042225 4/29/2025 15:39	20.00gr/100mL NF/IZ
CCV	2.082	3.147	3.129	10.465	2.655	5.221	15.278	IC1-042225 4/29/2025 16:00	10 NF/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-042225 4/29/2025 16:22	10 NF/IZ

Clear table

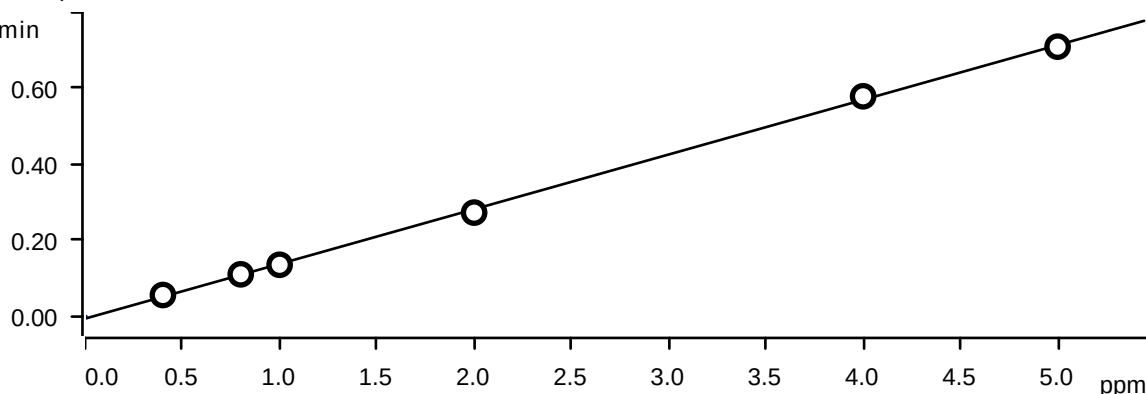
Instrument ID: IC-2 Analyst: IZ Method: 300.0 / 9056A											
ident	concentra tion F-	concentratio n CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-042225	4/22/2025 10:37	10	NF/IZ
STD2	0.4310	0.6510	0.6550	2.1720	0.5510	1.0900	3.3660	IC1-042225	4/22/2025 10:59	10	NF/IZ
STD3	0.8100	1.2170	1.2220	4.0490	1.0110	2.0100	6.0910	IC1-042225	4/22/2025 11:20	10	NF/IZ
STD4	0.9840	1.5090	1.4980	5.0110	1.2500	2.4450	7.3690	IC1-042225	4/22/2025 11:42	10	NF/IZ
STD5	1.9380	2.9140	2.9160	9.7350	2.4240	4.8600	14.3610	IC1-042225	4/22/2025 12:03	10	NF/IZ
STD6	4.0650	5.9180	5.9150	19.7520	4.9490	10.1830	30.3800	IC1-042225	4/22/2025 12:25	10	NF/IZ
STD7	4.9720	7.5910	7.5940	25.2800	6.3160	12.4120	36.9330	IC1-042225	4/22/2025 12:46	10	NF/IZ

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

ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4
STD1							
STD2	7.7500	8.5000	9.1667	8.6000	10.2000	9.0000	12.2000
STD3	1.2500	1.4167	1.8333	1.2250	1.1000	0.5000	1.5167
STD4	-1.6000	0.6000	-0.1333	0.2200	0.0000	-2.2000	-1.7467
STD5	-3.1000	-2.8667	-2.8000	-2.6500	-3.0400	-2.8000	-4.2600
STD6	1.6250	-1.3667	-1.4167	-1.2400	-1.0200	1.8300	1.2667
STD7	-0.5600	1.2133	1.2533	1.1200	1.0560	-0.7040	-0.1811

Fluoride (Anions)

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



Function: $A = - 6.13443\text{E-}3 + 0.0144025 \times Q$

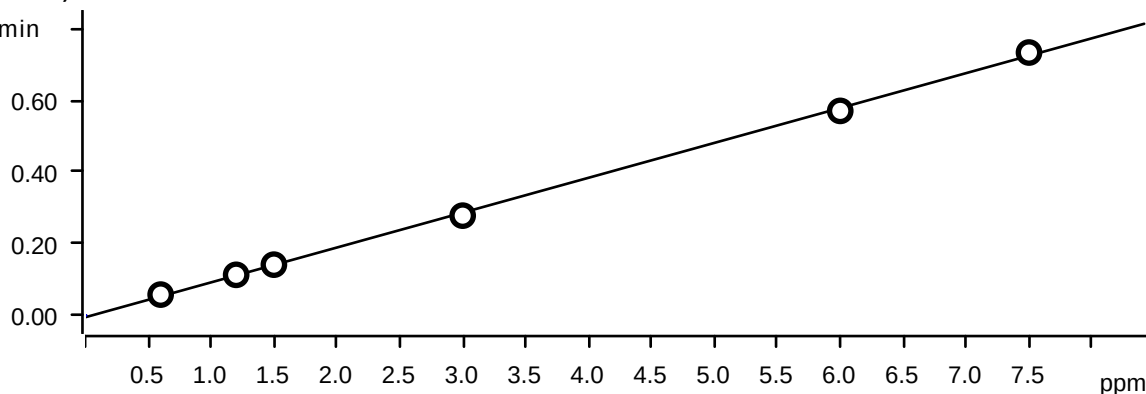
Relative standard deviation 2.337762 %

Correlation coefficient 0.999714

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

Chloride (Anions)

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



Function: $A = - 5.12446\text{E-}3 + 9.72422\text{E-}3 \times Q$

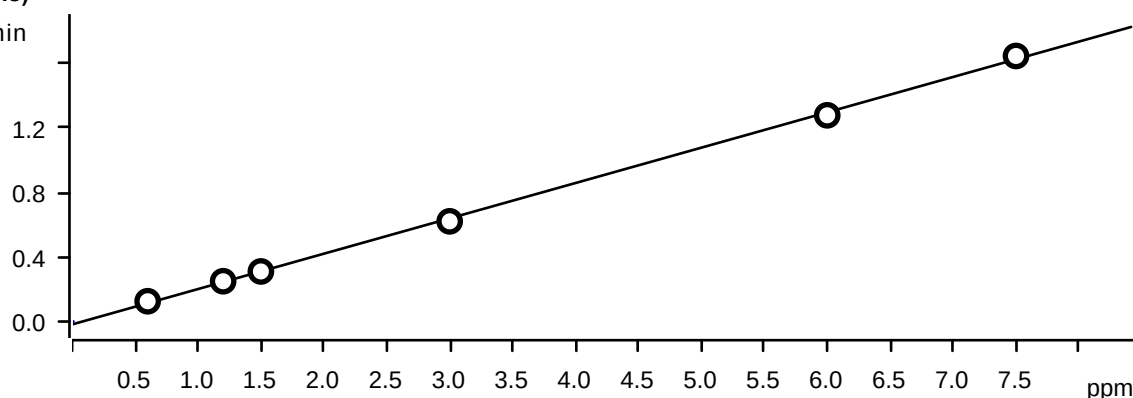
Relative standard deviation 2.452549 %

Correlation coefficient 0.999683

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

Nitrite (Anions)

(μS/cm) x min

Function: $A = -0.0187238 + 0.0219021 \times Q$

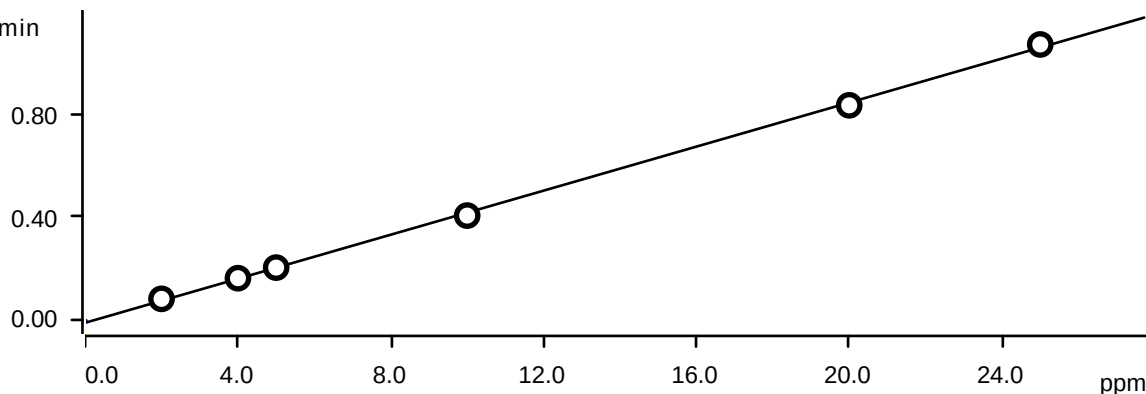
Relative standard deviation 2.531721 %

Correlation coefficient 0.999669

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

Bromide (Anions)

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



Function: $A = -9.36439E-3 + 4.26318E-3 \times Q$

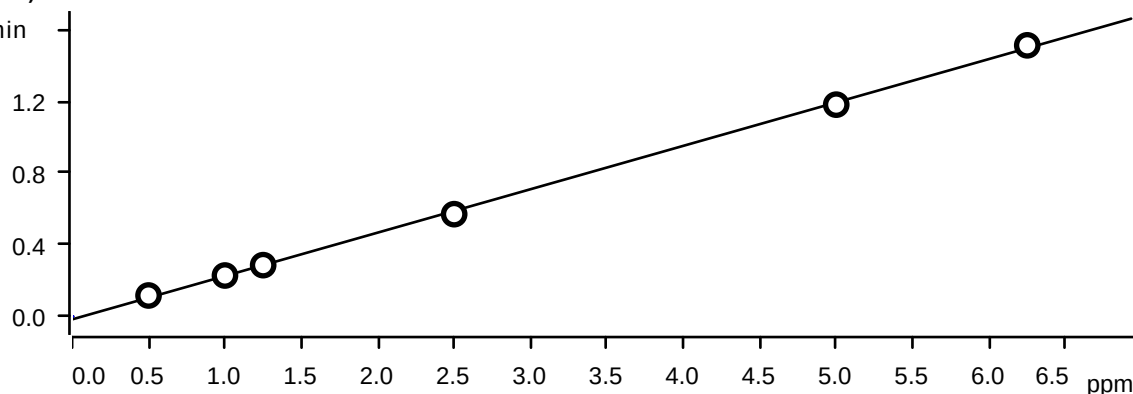
Relative standard deviation: 2.280508 %

Correlation coefficient: 0.999728

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

Nitrate (Anions)

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

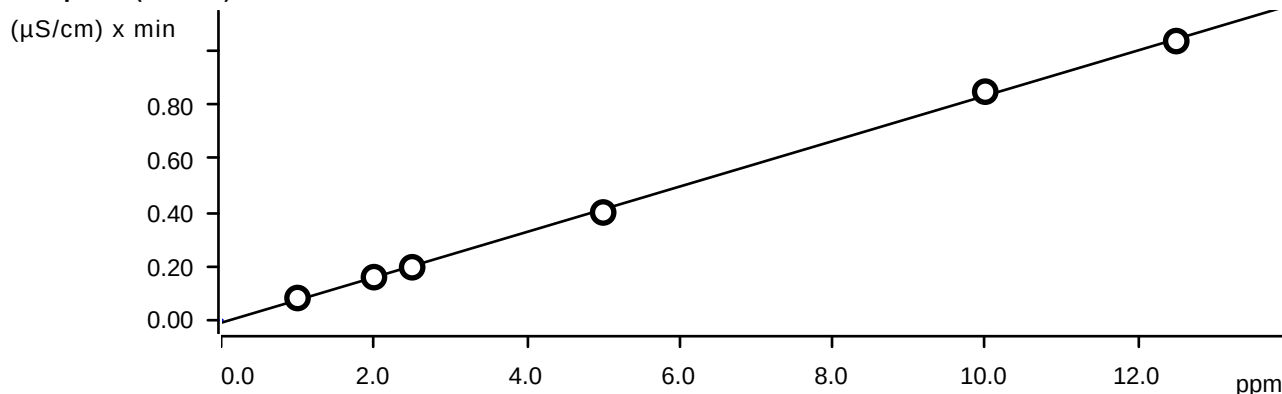


Function: $A = -0.0163950 + 0.0241967 \times Q$

Relative standard deviation: 2.309177 %

Correlation coefficient 0.999724

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

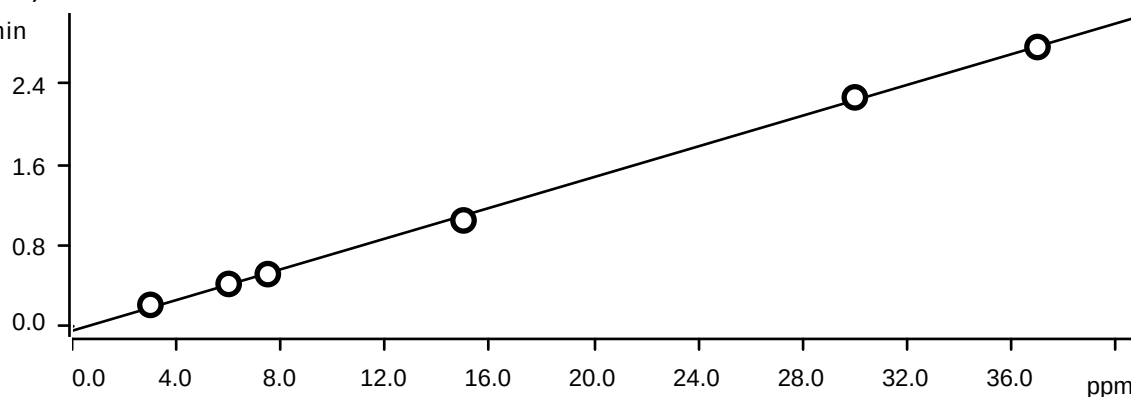
Phosphate (Anions)Function: $A = -9.96993E-3 + 8.43655E-3 \times Q$

Relative standard deviation 2.492252 %

Correlation coefficient 0.999676

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

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0453007 + 7.61540E-3 \times Q$

Relative standard deviation 2.675209 %

Correlation coefficient 0.999634

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

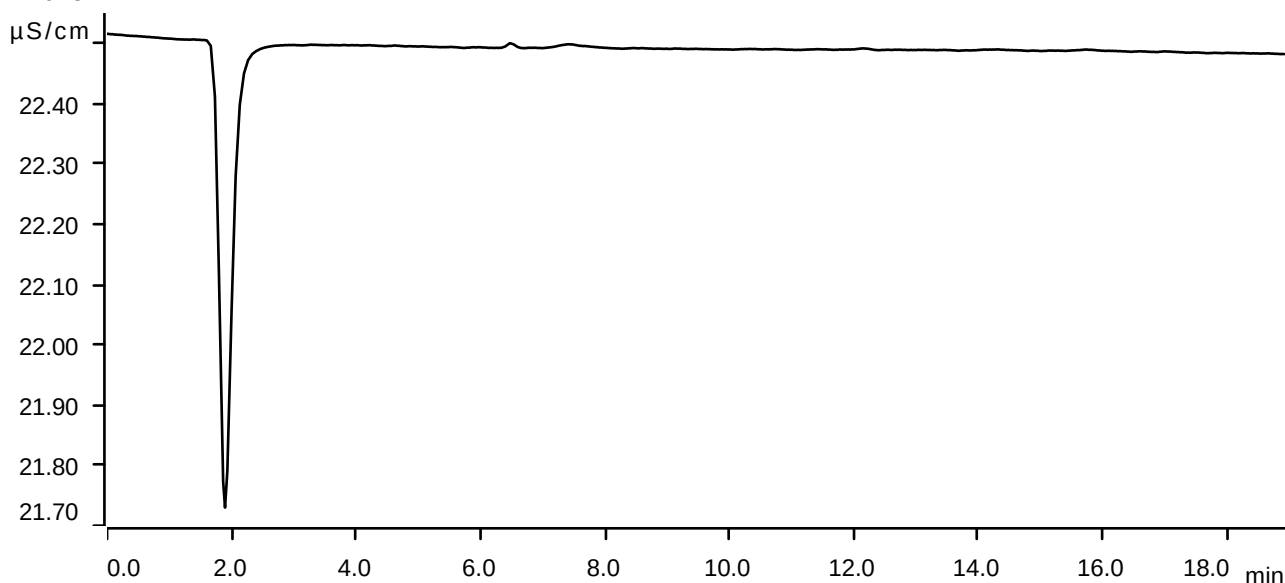
Sample data

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

Anions

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

Anions



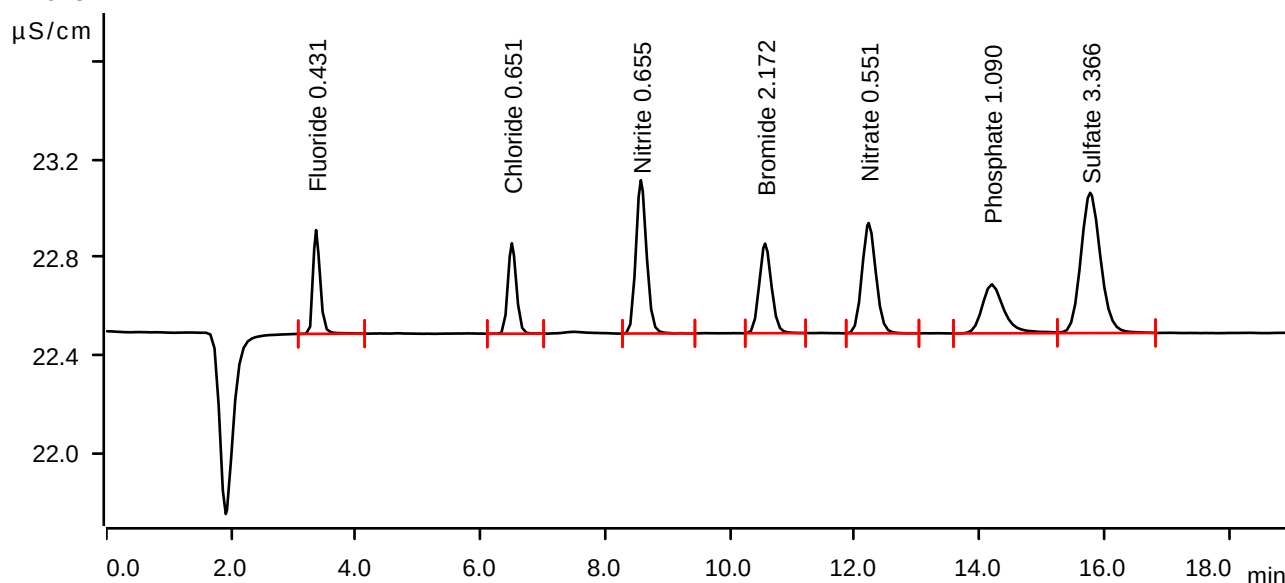
Sample data

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

Anions

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

Anions



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

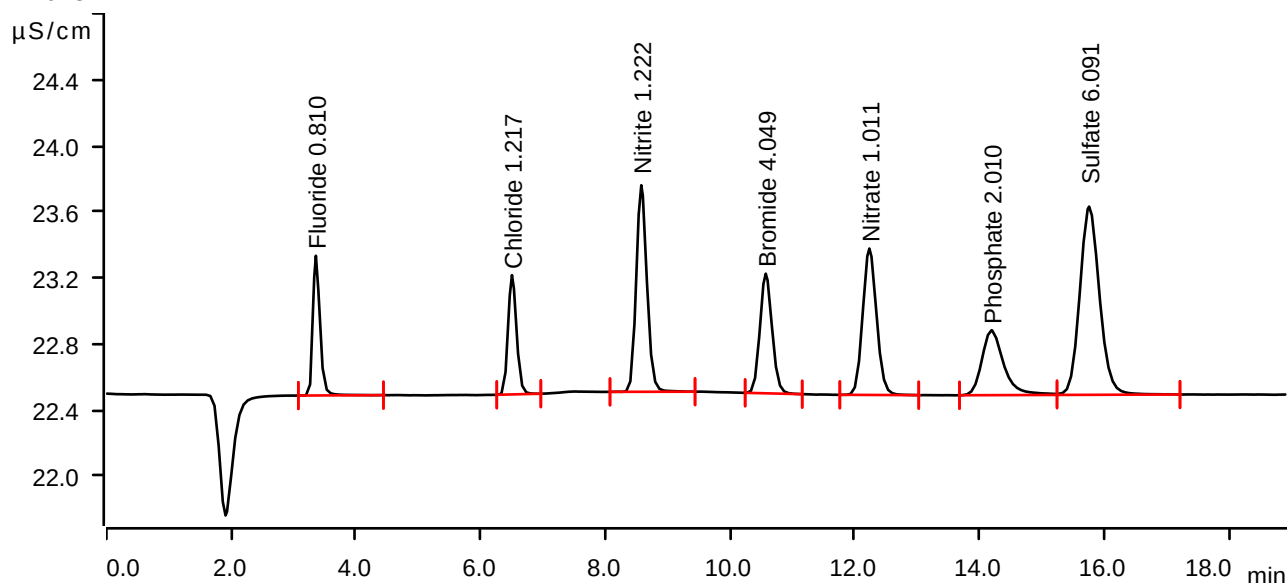
Sample data

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

Anions

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

Anions



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

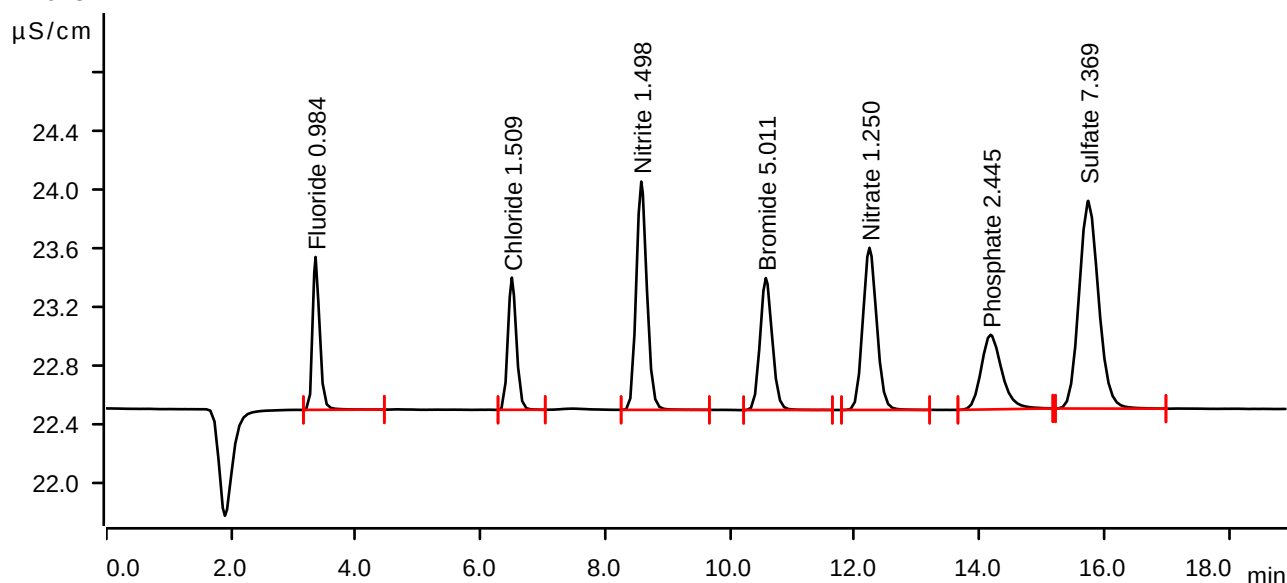
Sample data

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

Anions

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

Anions



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

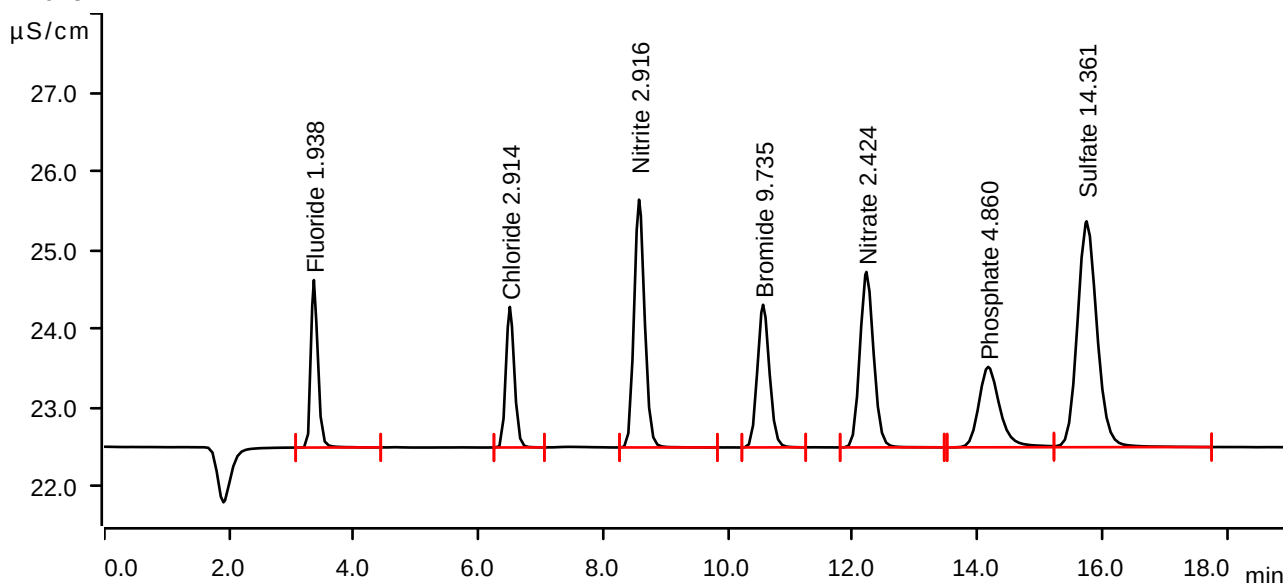
Sample data

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

Anions

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

Anions



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

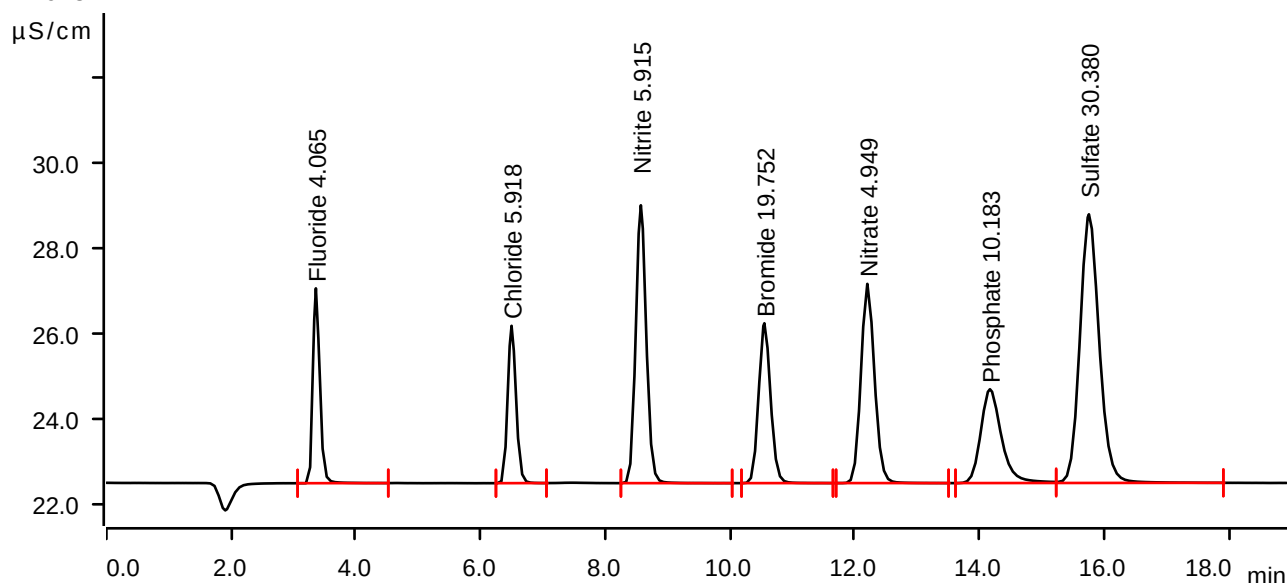
Sample data

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

Anions

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

Anions



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

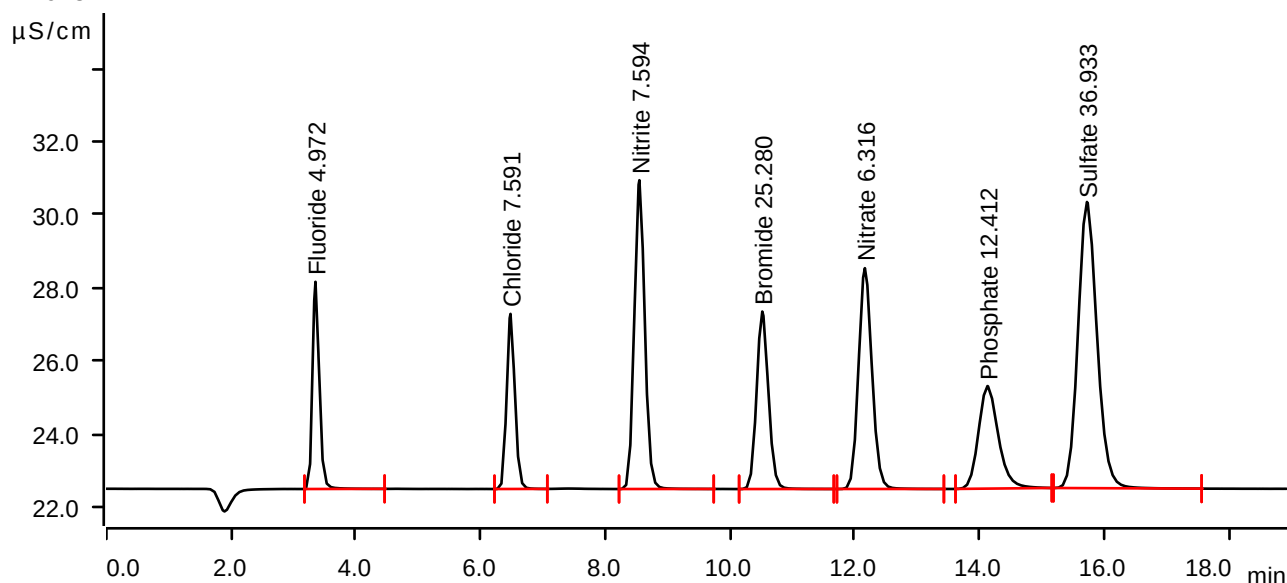
Sample data

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

Anions

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

Anions



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

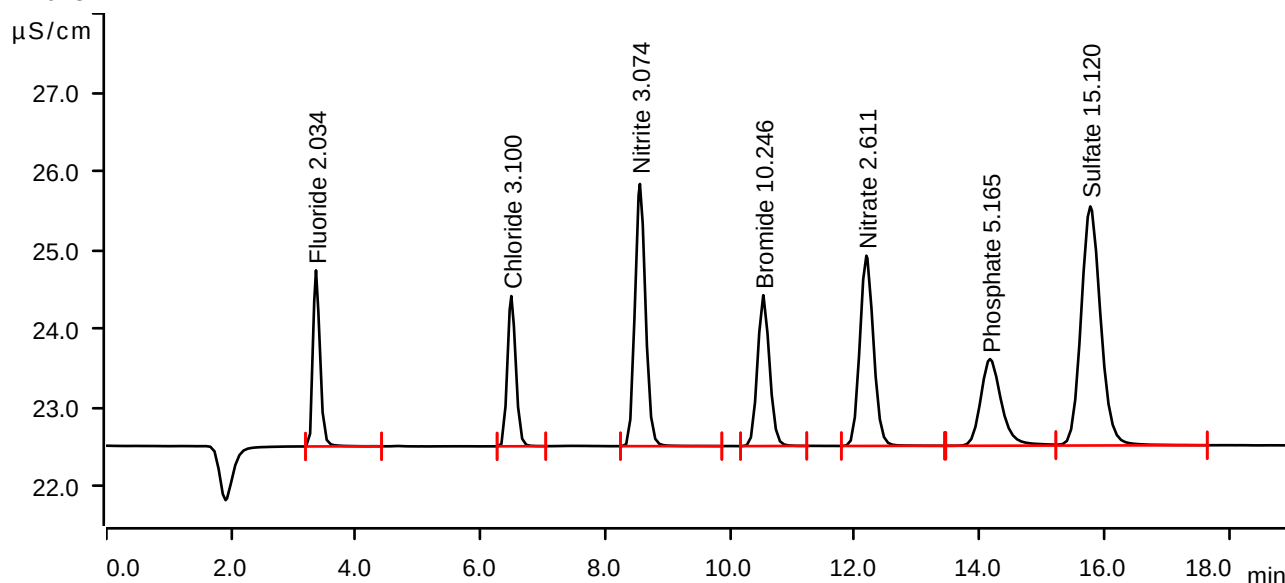
Sample data

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

Anions

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

Anions



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

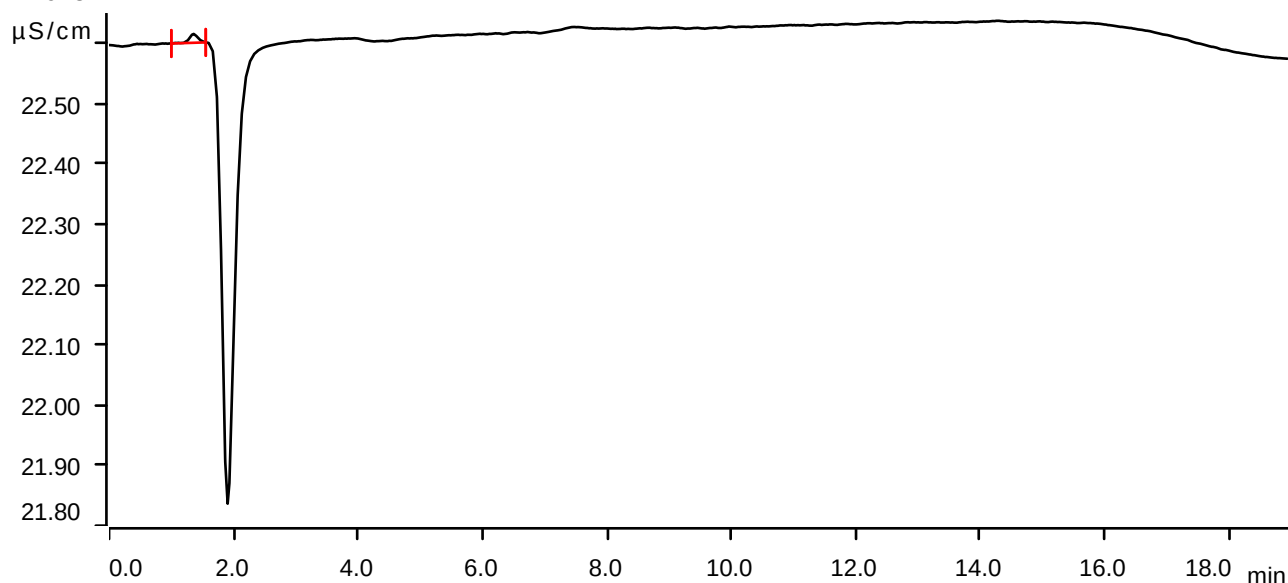
Sample data

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

Anions

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

Anions



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

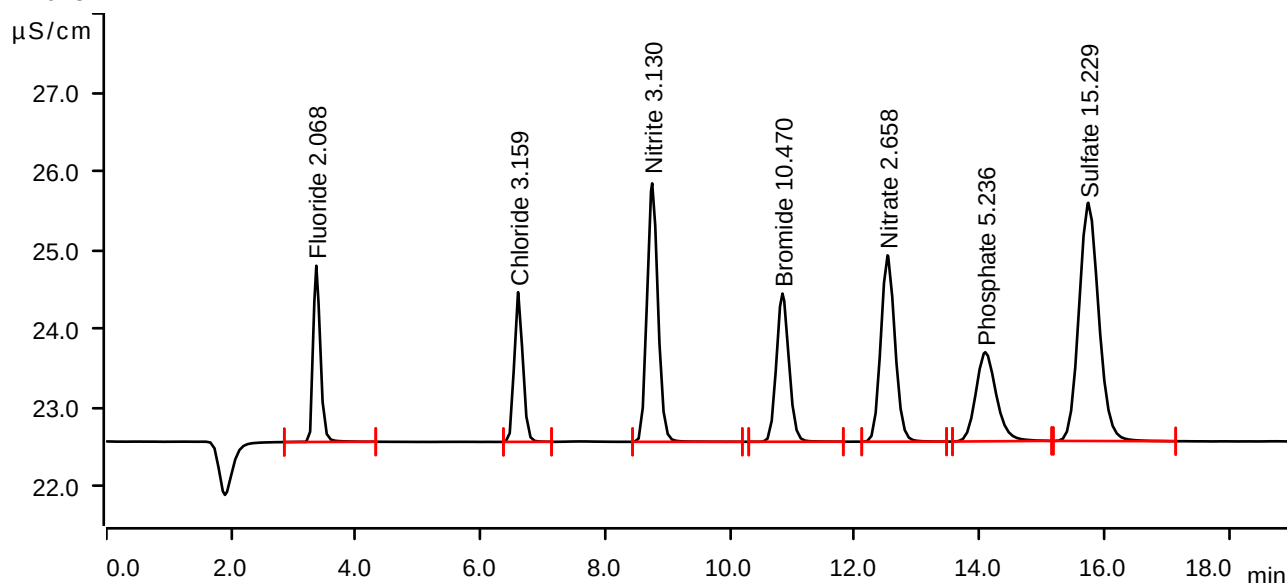
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-04-29 11:14:08 UTC-4
Method IC1-042225
Operator

Anions

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

Anions



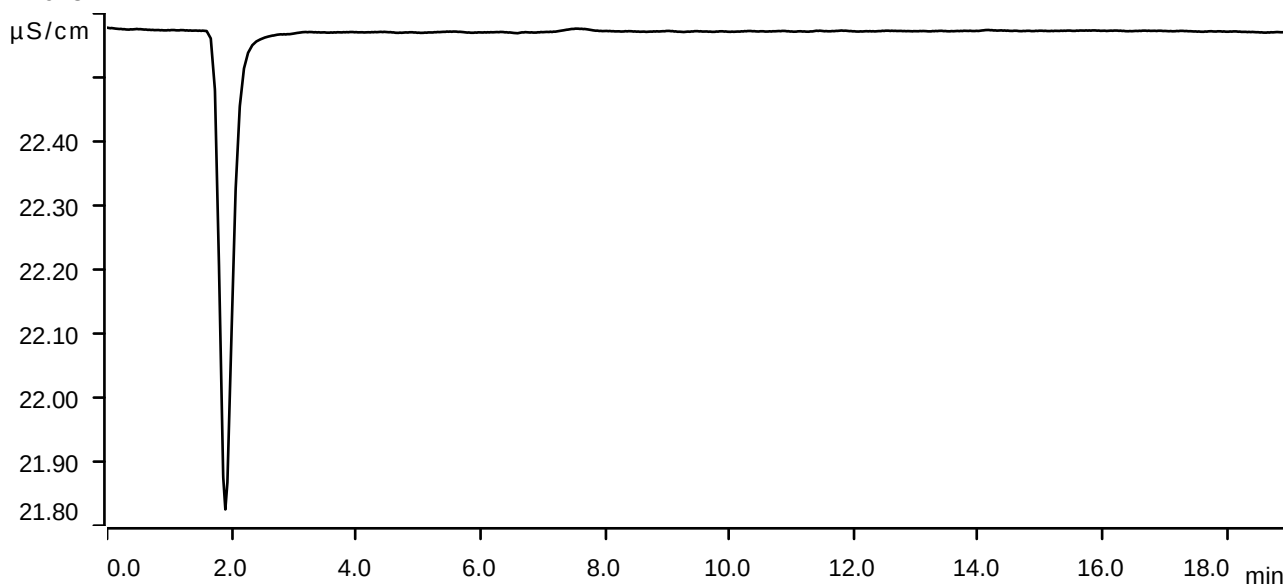
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.367	0.2917	2.236	2.068	Fluoride
2	6.603	0.3021	1.899	3.159	Chloride
3	8.752	0.6669	3.280	3.130	Nitrite
4	10.840	0.4370	1.880	10.470	Bromide
5	12.525	0.6267	2.364	2.658	Nitrate
6	14.092	0.4317	1.131	5.236	Phosphate
7	15.743	1.1145	3.023	15.229	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-04-29 11:35:38 UTC-4
Method IC1-042225
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.16 MPa
Maximum pressure monitored yes
Temperature ---- °C

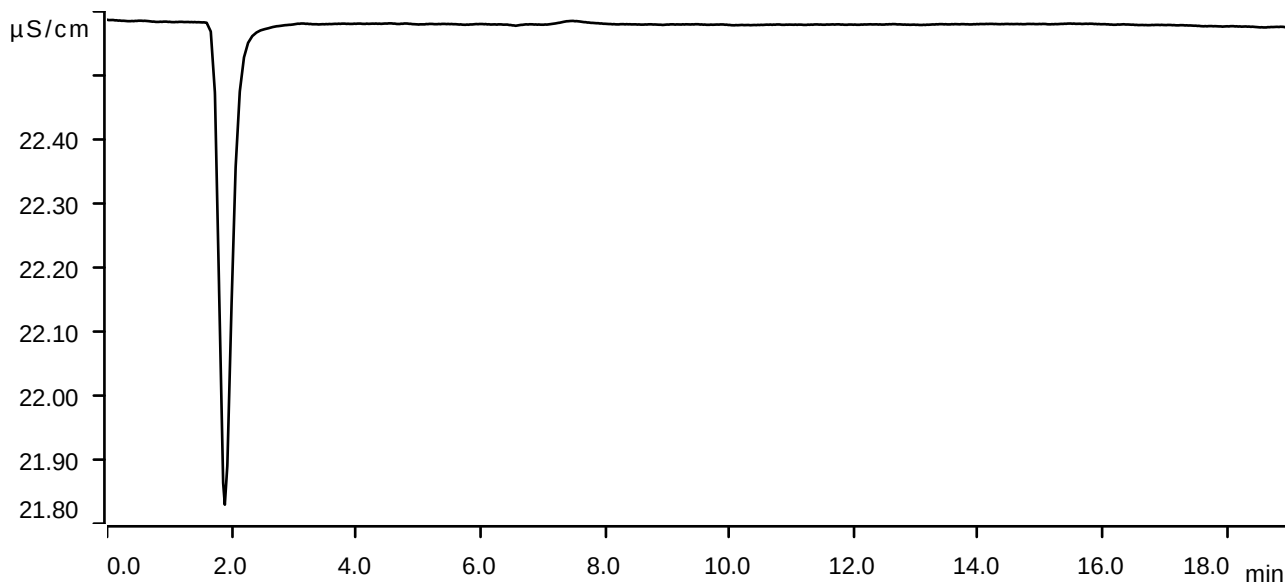
Anions

Sample data

Ident LB135679BLS
Sample type Sample
Determination start 2025-04-29 11:57:09 UTC-4
Method IC1-042225
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.16 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

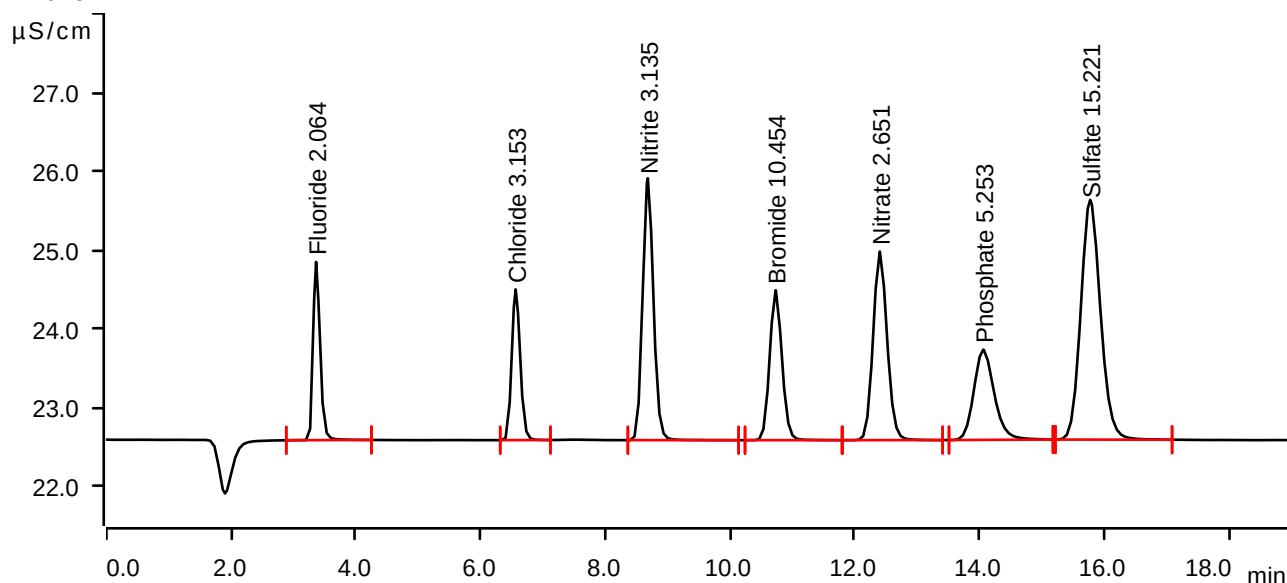
Sample data

Ident LB135679BSS
Sample type Check standard 1
Determination start 2025-04-29 12:18:40 UTC-4
Method IC1-042225
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.16 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.363	0.2911	2.262	2.064	Fluoride
2	6.563	0.3015	1.913	3.153	Chloride
3	8.682	0.6678	3.323	3.135	Nitrite
4	10.730	0.4363	1.902	10.454	Bromide
5	12.400	0.6252	2.393	2.651	Nitrate
6	14.058	0.4332	1.145	5.253	Phosphate
7	15.773	1.1138	3.042	15.221	Sulfate

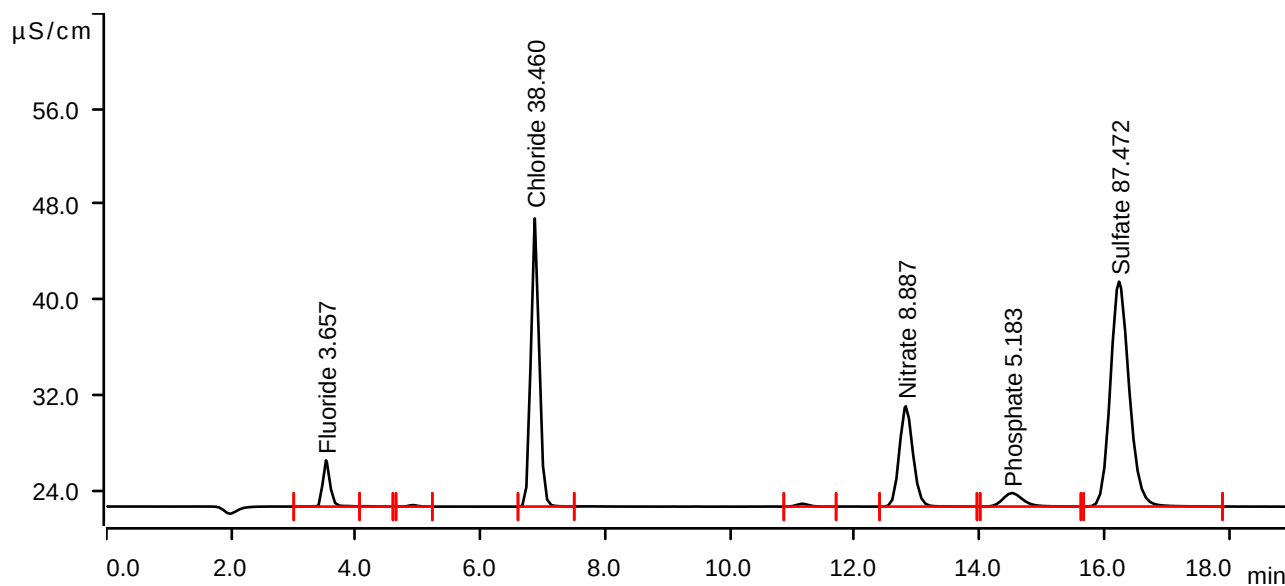
Sample data

Ident Q1872-01DLX4
Sample type Sample
Determination start 2025-04-29 13:02:04 UTC-4
Method IC1-042225
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.16 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.522	0.5206	3.880	3.657	Fluoride
2	4.150	0.0075	0.031	invalid	
3	4.913	0.0217	0.126	invalid	
4	6.870	3.7348	24.194	38.460	Chloride
5	11.158	0.0538	0.236	1.481	
6	12.817	2.1339	8.422	8.887	Nitrate
7	14.520	0.4273	1.135	5.183	Phosphate
8	16.237	6.6160	18.880	87.472	Sulfate

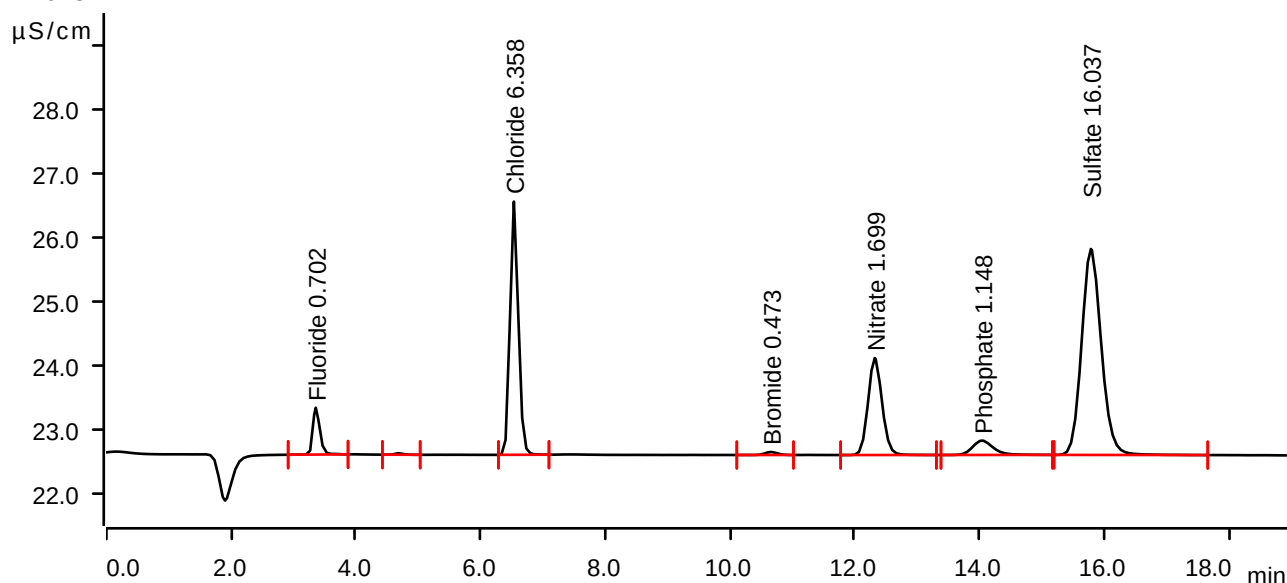
Sample data

Ident Q1872-01DL2X20
Sample type Sample
Determination start 2025-04-29 13:25:29 UTC-4
Method IC1-042225
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.95 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	3.358	0.0950	0.732	0.702	Fluoride
2	4.685	0.0035	0.022	invalid	
3	6.535	0.6132	3.954	6.358	Chloride
4	10.653	0.0108	0.047	0.473	Bromide
5	12.320	0.3947	1.514	1.699	Nitrate
6	14.040	0.0869	0.225	1.148	Phosphate
7	15.785	1.1760	3.217	16.037	Sulfate

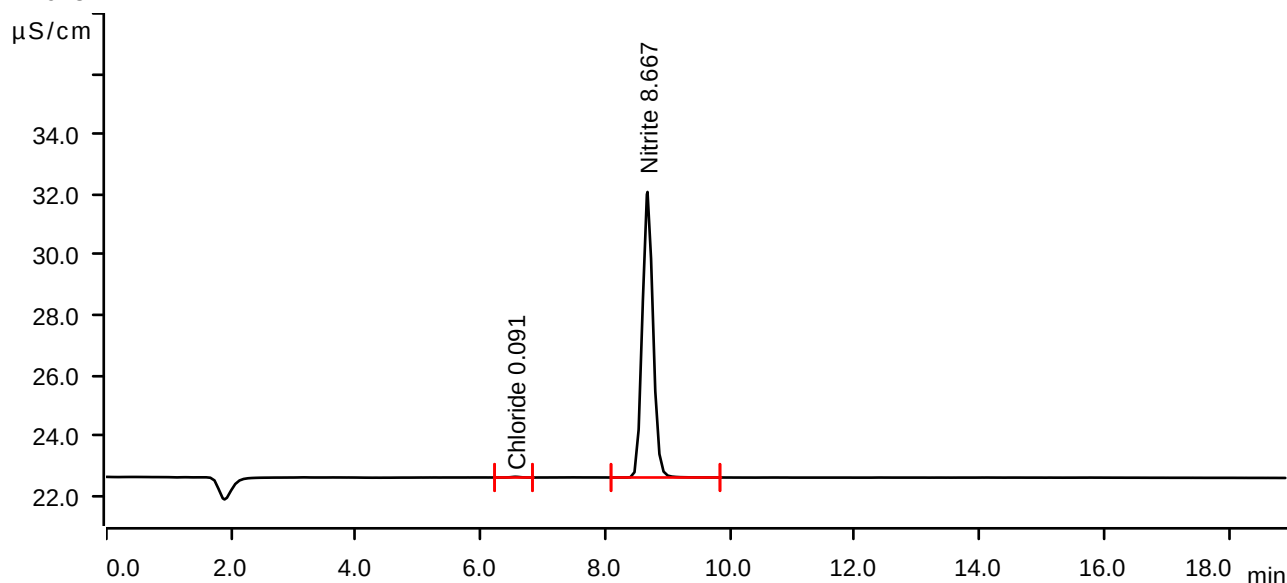
Sample data

Ident Q1872-25
Sample type Sample
Determination start 2025-04-29 14:11:24 UTC-4
Method IC1-042225
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.94 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	6.557	0.0038	0.024	0.091	Chloride
2	8.677	1.8794	9.476	8.667	Nitrite

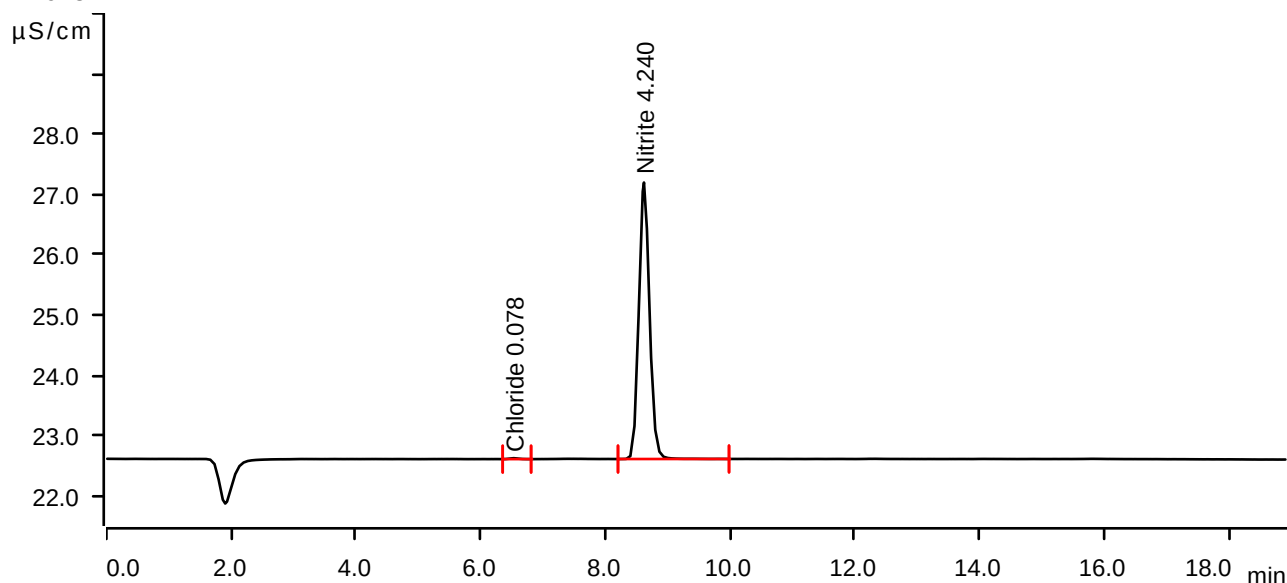
Sample data

Ident Q1872-25DLX2
Sample type Sample
Determination start 2025-04-29 14:56:19 UTC-4
Method IC1-042225
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.11 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	6.530	0.0024	0.015	0.078	Chloride
2	8.620	0.9099	4.588	4.240	Nitrite

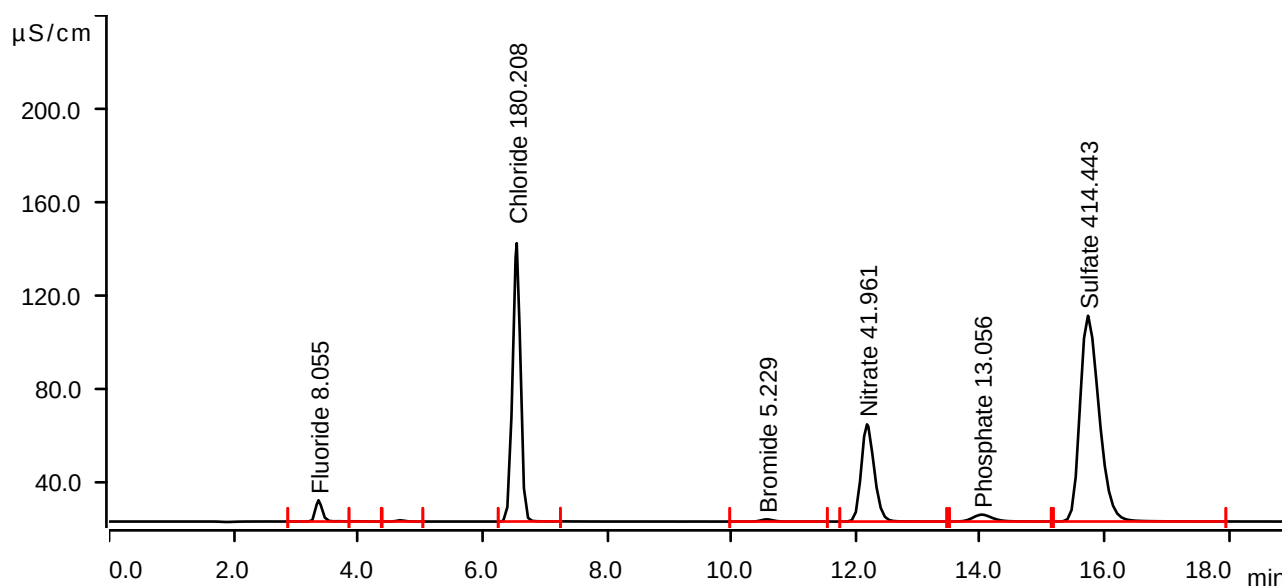
Sample data

Ident Q1872-01
Sample type Sample
Determination start 2025-04-29 15:39:14 UTC-4
Method IC1-042225
Operator

Anions

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

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.367	1.1539	9.145	8.055	Fluoride
2	3.987	0.0223	0.095	invalid	
3	4.680	0.0852	0.528	invalid	
4	6.552	17.5187	119.527	180.208	Chloride
5	10.570	0.2135	0.952	5.229	Bromide
6	12.180	10.1368	41.760	41.961	Nitrate
7	14.025	1.0915	2.970	13.056	Phosphate
8	15.730	31.5162	88.370	414.443	Sulfate

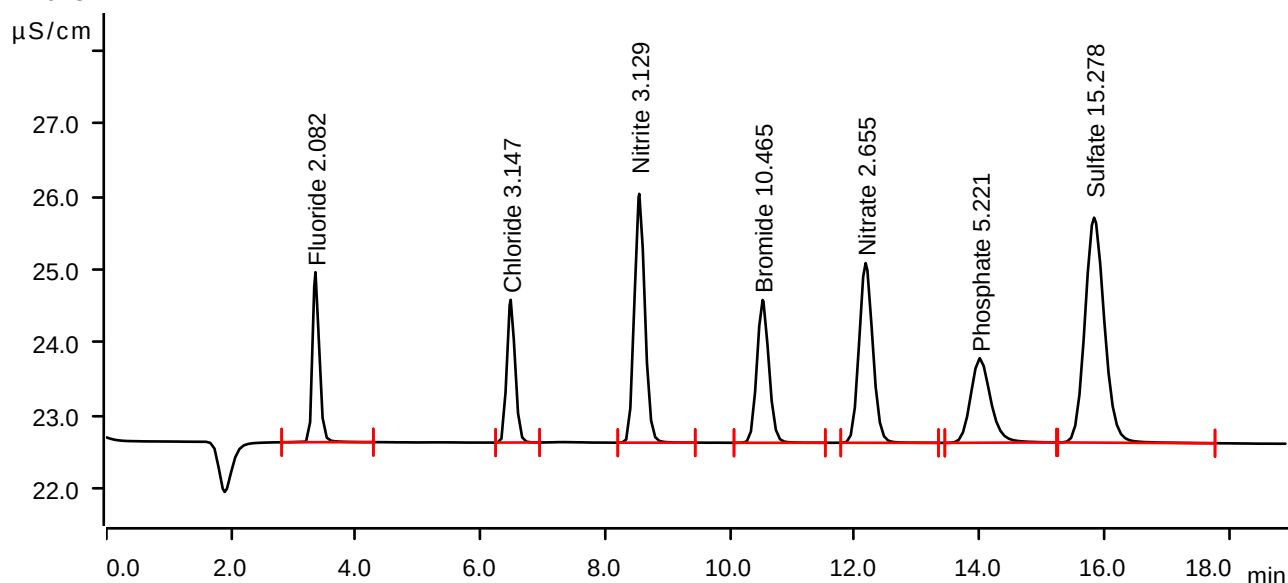
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-04-29 16:00:45 UTC-4
Method IC1-042225
Operator

Anions

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

Anions



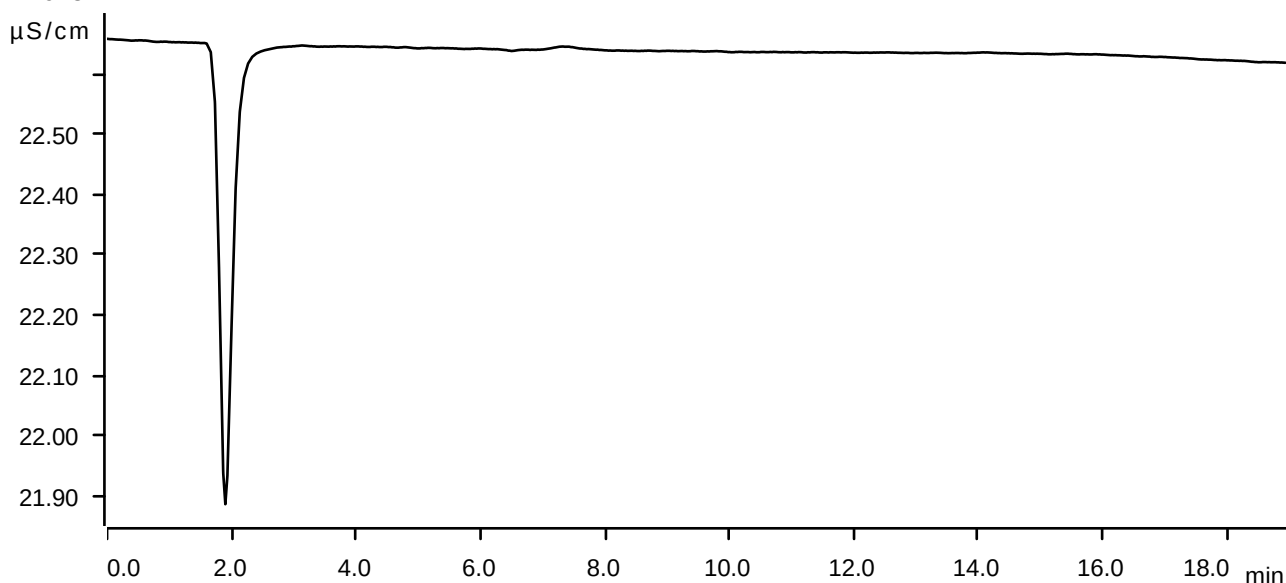
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.353	0.2938	2.323	2.082	Fluoride
2	6.483	0.3009	1.950	3.147	Chloride
3	8.545	0.6666	3.400	3.129	Nitrite
4	10.522	0.4368	1.952	10.465	Bromide
5	12.173	0.6260	2.456	2.655	Nitrate
6	14.005	0.4305	1.154	5.221	Phosphate
7	15.837	1.1182	3.074	15.278	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-04-29 16:22:15 UTC-4
Method IC1-042225
Operator

Anions

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

Anions

LB135679

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Anions-042925

WorkList ID : 189342

Department : Wet-Chemistry

Date : 04-29-2025 10:39:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1872-01	HW0425-PT-AN-SOIL	Solid	Anions Group1	1:1 HNO3 to pH < 2	ALLI03	QA Of	04/21/2025	9056A
Q1872-25	HW0425-PT-NO2-SOIL	Solid	Anions Group2	1:1 HNO3 to pH < 2	ALLI03	QA Of	04/21/2025	9056A

Date/Time04/29/2511:00

Raw Sample Received by:12 (20)

Raw Sample Relinquished by:ST (QA0)

Date/TimeNA

Raw Sample Received by:"

Raw Sample Relinquished by:"