

Instrument II			IC-1	Analyst:	NF	Method: 00.0 / 9056A					
Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	l wt/Fin.	Analyst
STD1	0	0	0	0	0	0	0	IC1-032125	3/21/2025 10:45	10	NF/IZ
STD2	0.421	0.619	0.631	2.075	0.523	1.052	3.247	IC1-032125	3/21/2025 11:07	10	NF/IZ
STD3	0.795	1.199	1.203	3.994	1.001	1.993	5.998	IC1-032125	3/21/2025 11:28	10	NF/IZ
STD4	0.977	1.475	1.468	4.904	1.226	2.407	7.216	IC1-032125	3/21/2025 11:50	10	NF/IZ
STD5	1.993	3.009	2.995	10.03	2.493	4.968	14.842	IC1-032125	3/21/2025 12:11	10	NF/IZ
STD6	4.034	5.988	5.986	19.975	5.011	10.256	30.502	IC1-032125	3/21/2025 12:32	10	NF/IZ
STD7	4.979	7.51	7.517	25.022	6.247	12.323	36.695	IC1-032125	3/21/2025 12:54	10	NF/IZ
ICV	2.031	3.038	3.08	10.364	2.568	5.199	15.269	IC1-032125	3/21/2025 13:37	10	NF/IZ
ICB	0	0.122	0.08	0	0	0	0	IC1-032125	3/21/2025 13:58	10	NF/IZ
CCV	2.072	3.191	3.146	10.573	2.61	4.956	15.46	IC1-032125	4/2/2025 9:34	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-032125	4/2/2025 10:17	10	NF/IZ
LB135274BLW	0	0	0	0	0	0	0	IC1-032125	4/2/2025 10:38	10	NF/IZ
LB135274BSW	2.105	3.201	3.176	10.671	2.631	5.382	15.646	IC1-032125	4/2/2025 11:00	10	NF/IZ
Q1697-01	0.252	84.051	0	0.196	0	0	6.638	IC1-032125	4/2/2025 11:38	10	NF/IZ
Q1697-02	0.381	13.308	0	0.162	0.051	0.284	12.694	IC1-032125	4/2/2025 12:00	10	NF/IZ
Q1697-03	0.367	13.668	0	0.178	0	0	6.275	IC1-032125	4/2/2025 12:21	10	NF/IZ
Q1697-04	0.363	14.087	0	0.152	0	0	6.287	IC1-032125	4/2/2025 12:43	10	NF/IZ
Q1697-05	0.38	13.723	0	0	0	0.183	3.631	IC1-032125	4/2/2025 13:05	10	NF/IZ
Q1697-05MS	2.292	16.366	2.973	10.114	2.484	3.778	17.883	IC1-032125	4/2/2025 13:26	10	NF/IZ
Q1697-05MSD	2.258	16.333	2.953	10.037	2.46	3.746	17.749	IC1-032125	4/2/2025 13:48	10	NF/IZ
Q1697-01DLX20	0.036	3.288	0	0	0	0	0.736	IC1-032125	4/2/2025 14:09	10	NF/IZ
CCV	2.091	3.161	3.162	10.619	2.624	5.443	15.538	IC1-032125	4/2/2025 14:31	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-032125	4/2/2025 14:52	10	NF/IZ
Q1697-02DLX5	0.095	2.427	0	0	0	0	2.855	IC1-032125	4/2/2025 15:14	10	NF/IZ
Q1697-03DLX5	0.093	2.592	0	0	0	0	1.615	IC1-032125	4/2/2025 15:35	10	NF/IZ
Q1697-04DLX5	0.092	2.579	0	0	0	0	1.602	IC1-032125	4/2/2025 15:57	10	NF/IZ
Q1697-05DLX5	0.092	2.5	0	0	0	0	1.063	IC1-032125	4/2/2025 16:18	10	NF/IZ
CCV	2.088	3.162	3.163	10.621	2.625	5.447	15.548	IC1-032125	4/2/2025 16:40	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-032125	4/2/2025 17:01	10	NF/IZ

Clear table

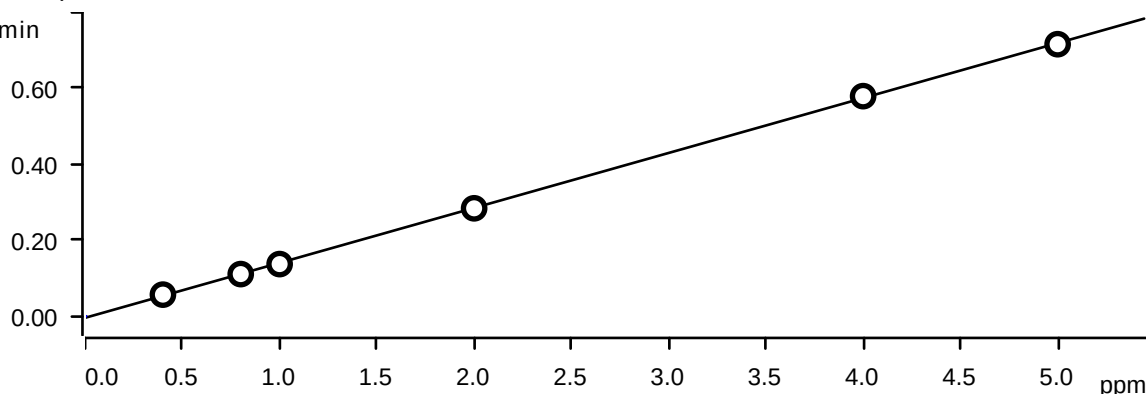
Instrument ID: IC-2 Analyst : IZ Method: 300.0 / 9056A											
ident	concentra tion F-	concentratio n CL-	concentratio on NO2	concentratio on BR-	concentratio on NO3	concentratio on HPO4	concentratio on SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0	0	0	0	0	0	0	IC1-032125	3/21/2025 10:45	10	NF/IZ
STD2	0.421	0.619	0.631	2.075	0.523	1.052	3.247	IC1-032125	3/21/2025 11:07	10	NF/IZ
STD3	0.795	1.199	1.203	3.994	1.001	1.993	5.998	IC1-032125	3/21/2025 11:28	10	NF/IZ
STD4	0.977	1.475	1.468	4.904	1.226	2.407	7.216	IC1-032125	3/21/2025 11:50	10	NF/IZ
STD5	1.993	3.009	2.995	10.03	2.493	4.968	14.842	IC1-032125	3/21/2025 12:11	10	NF/IZ
STD6	4.034	5.988	5.986	19.975	5.011	10.256	30.502	IC1-032125	3/21/2025 12:32	10	NF/IZ
STD7	4.979	7.51	7.517	25.022	6.247	12.323	36.695	IC1-032125	3/21/2025 12:54	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	5.2500	3.1667	5.1667	3.7500	4.6000	5.2000	8.2333
STD3	-0.6250	-0.0833	0.2500	-0.1500	0.1000	-0.3500	-0.0333
STD4	-2.3000	-1.6667	-2.1333	-1.9200	-1.9200	-3.7200	-3.7867
STD5	-0.3500	0.3000	-0.1667	0.3000	-0.2800	-0.6400	-1.0533
STD6	0.8500	-0.2000	-0.2333	-0.1250	0.2200	2.5600	1.6733
STD7	-0.4200	0.1333	0.2267	0.0880	-0.0480	-1.4160	-0.8243

Fluoride (Anions)

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



Function: $A = -4.00269E-3 + 0.0144679 \times Q$

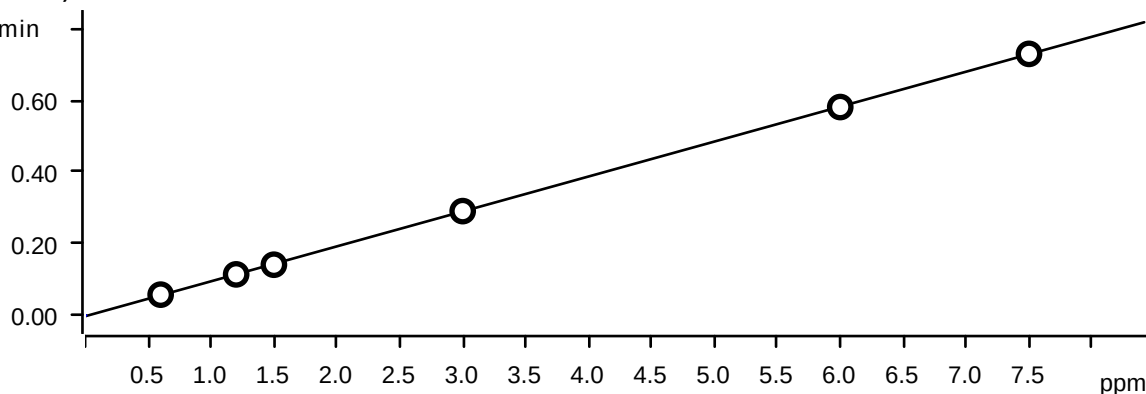
Relative standard deviation: 1.180947 %

Correlation coefficient: 0.999926

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	2025-03-21 10:45:52 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.057	STD2	2025-03-21 11:07:15 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.111	STD3	2025-03-21 11:28:39 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.137	STD4	2025-03-21 11:50:04 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.284	STD5	2025-03-21 12:11:30 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.580	STD6	2025-03-21 12:32:57 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.716	STD7	2025-03-21 12:54:24 UTC-4	used

Chloride (Anions)

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



Function: $A = -2.25189E-3 + 9.74103E-3 \times Q$

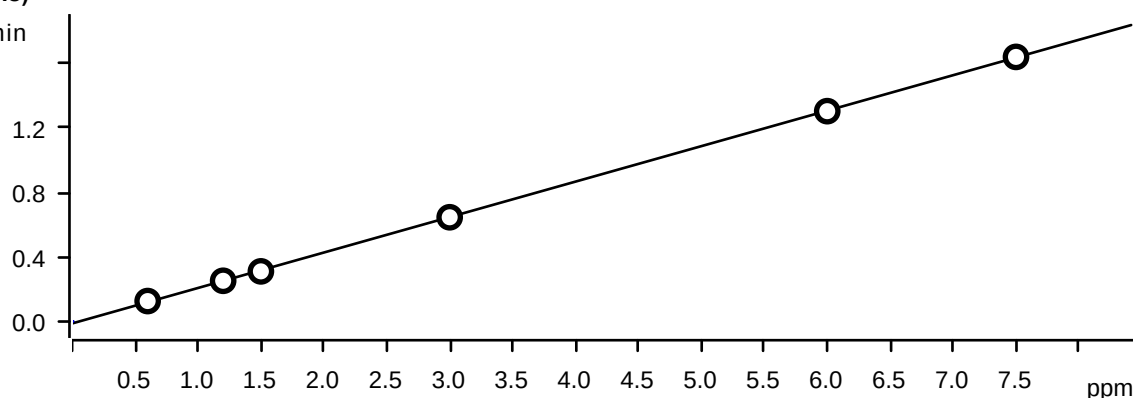
Relative standard deviation 0.547466 %

Correlation coefficient 0.999984

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	2025-03-21 10:45:52 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.058	STD2	2025-03-21 11:07:15 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.115	STD3	2025-03-21 11:28:39 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.141	STD4	2025-03-21 11:50:04 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.291	STD5	2025-03-21 12:11:30 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.581	STD6	2025-03-21 12:32:57 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.729	STD7	2025-03-21 12:54:24 UTC-4	used

Nitrite (Anions)

(μS/cm) x min

Function: $A = -0.0127504 + 0.0219707 \times Q$

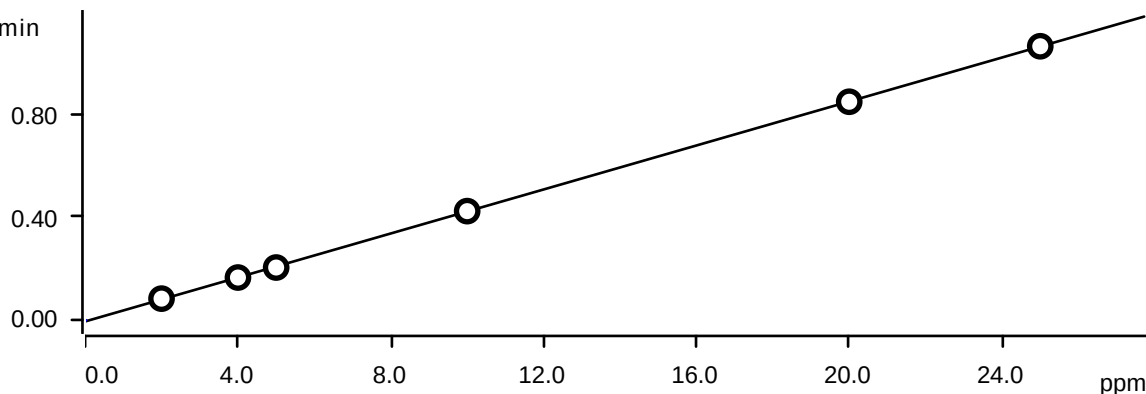
Relative standard deviation 0.767970 %

Correlation coefficient 0.999969

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	2025-03-21 10:45:52 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.126	STD2	2025-03-21 11:07:15 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.252	STD3	2025-03-21 11:28:39 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.310	STD4	2025-03-21 11:50:04 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.645	STD5	2025-03-21 12:11:30 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.302	STD6	2025-03-21 12:32:57 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.639	STD7	2025-03-21 12:54:24 UTC-4	used

Bromide (Anions)

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



Function: $A = -4.26620E-3 + 4.25885E-3 \times Q$

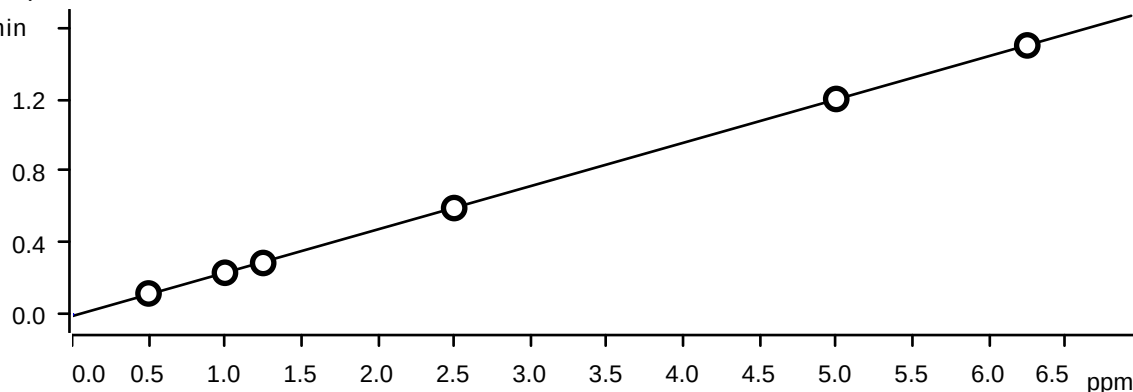
Relative standard deviation: 0.597348 %

Correlation coefficient: 0.999981

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	2025-03-21 10:45:52 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.084	STD2	2025-03-21 11:07:15 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.166	STD3	2025-03-21 11:28:39 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.205	STD4	2025-03-21 11:50:04 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.423	STD5	2025-03-21 12:11:30 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.846	STD6	2025-03-21 12:32:57 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.061	STD7	2025-03-21 12:54:24 UTC-4	used

Nitrate (Anions)

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



Function: $A = -9.20754E-3 + 0.0241631 \times Q$

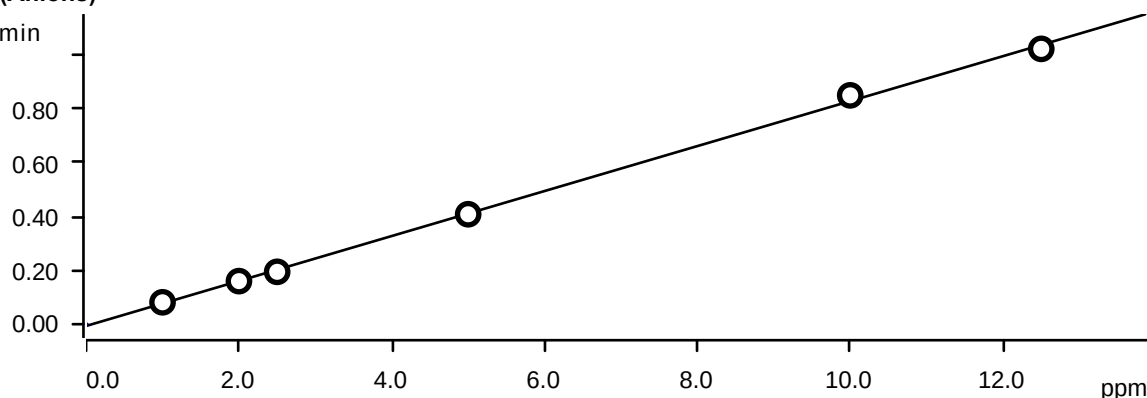
Relative standard deviation: 0.659338 %

Correlation coefficient 0.999977

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	2025-03-21 10:45:52 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.117	STD2	2025-03-21 11:07:15 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.233	STD3	2025-03-21 11:28:39 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.287	STD4	2025-03-21 11:50:04 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.593	STD5	2025-03-21 12:11:30 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.202	STD6	2025-03-21 12:32:57 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.500	STD7	2025-03-21 12:54:24 UTC-4	used

Phosphate (Anions)

(μS/cm) x min

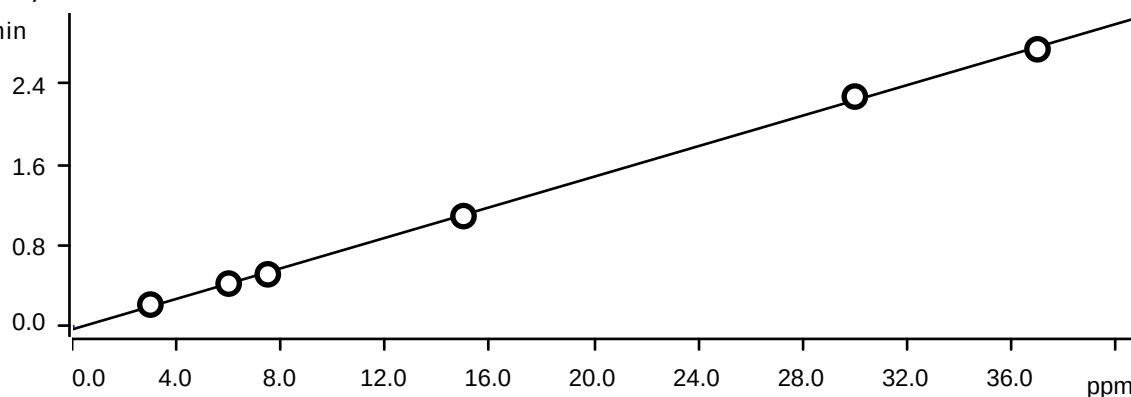
Function: $A = -6.92112E-3 + 8.35786E-3 \times Q$

Relative standard deviation 3.051728 %

Correlation coefficient 0.999508

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	2025-03-21 10:45:52 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.081	STD2	2025-03-21 11:07:15 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.160	STD3	2025-03-21 11:28:39 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.194	STD4	2025-03-21 11:50:04 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.408	STD5	2025-03-21 12:11:30 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.850	STD6	2025-03-21 12:32:57 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.023	STD7	2025-03-21 12:54:24 UTC-4	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0318458 + 7.56676E-3 \times Q$

Relative standard deviation 2.235653 %

Correlation coefficient 0.999739

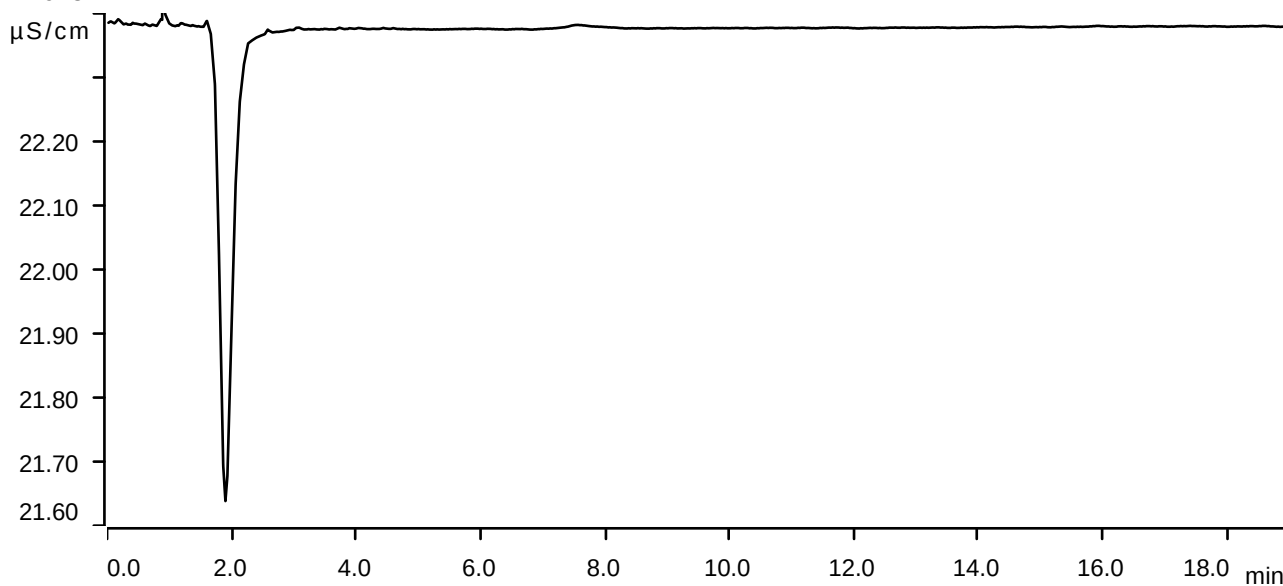
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-03-21 10:45:52 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.214	STD2	2025-03-21 11:07:15 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.422	STD3	2025-03-21 11:28:39 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.514	STD4	2025-03-21 11:50:04 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.091	STD5	2025-03-21 12:11:30 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.276	STD6	2025-03-21 12:32:57 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.745	STD7	2025-03-21 12:54:24 UTC-4	used

Sample data

Ident STD1
Sample type Standard 1
Determination start 2025-03-21 10:45:52 UTC-4
Method IC1-032125
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

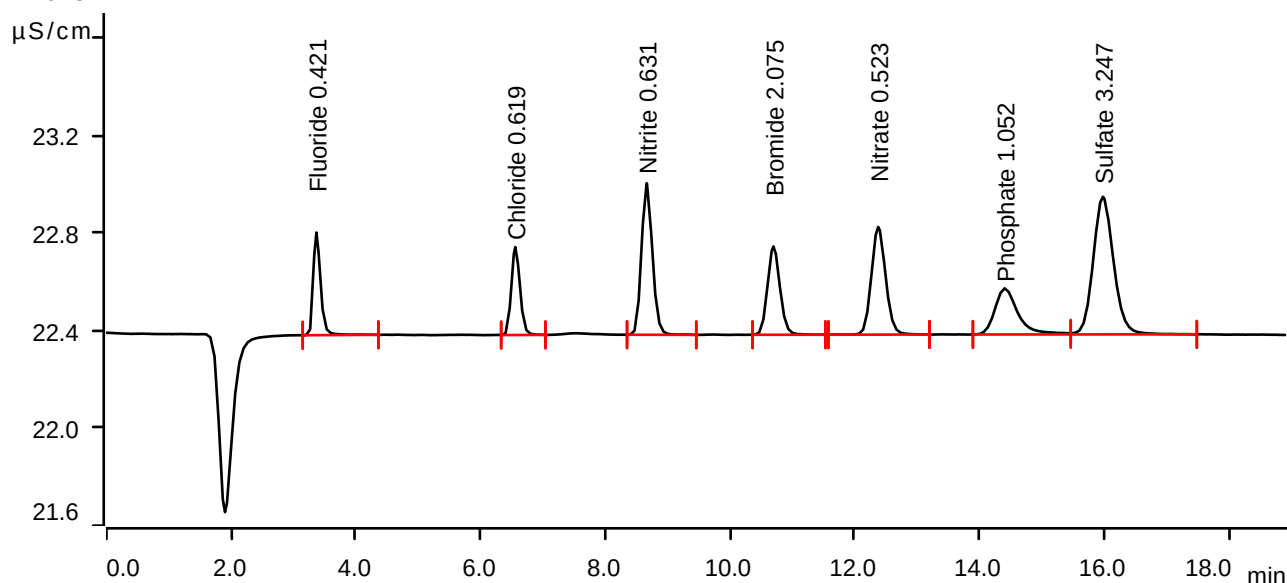
Sample data

Ident STD2
Sample type Standard 2
Determination start 2025-03-21 11:07:15 UTC-4
Method IC1-032125
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	3.368	0.0570	0.420	0.421	Fluoride
2	6.557	0.0580	0.361	0.619	Chloride
3	8.662	0.1260	0.621	0.631	Nitrite
4	10.695	0.0841	0.362	2.075	Bromide
5	12.375	0.1171	0.441	0.523	Nitrate
6	14.403	0.0810	0.189	1.052	Phosphate
7	15.978	0.2139	0.564	3.247	Sulfate

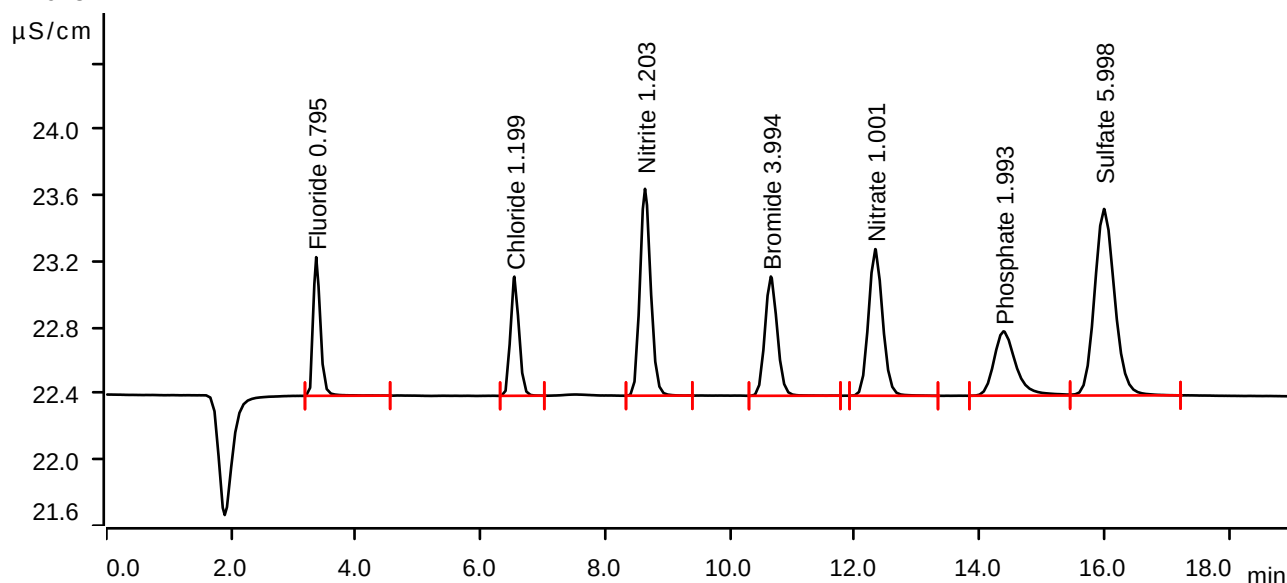
Sample data

Ident STD3
Sample type Standard 3
Determination start 2025-03-21 11:28:39 UTC-4
Method IC1-032125
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	3.365	0.1110	0.839	0.795	Fluoride
2	6.542	0.1146	0.721	1.199	Chloride
3	8.637	0.2515	1.252	1.203	Nitrite
4	10.653	0.1658	0.722	3.994	Bromide
5	12.328	0.2325	0.888	1.001	Nitrate
6	14.383	0.1597	0.389	1.993	Phosphate
7	15.995	0.4220	1.129	5.998	Sulfate

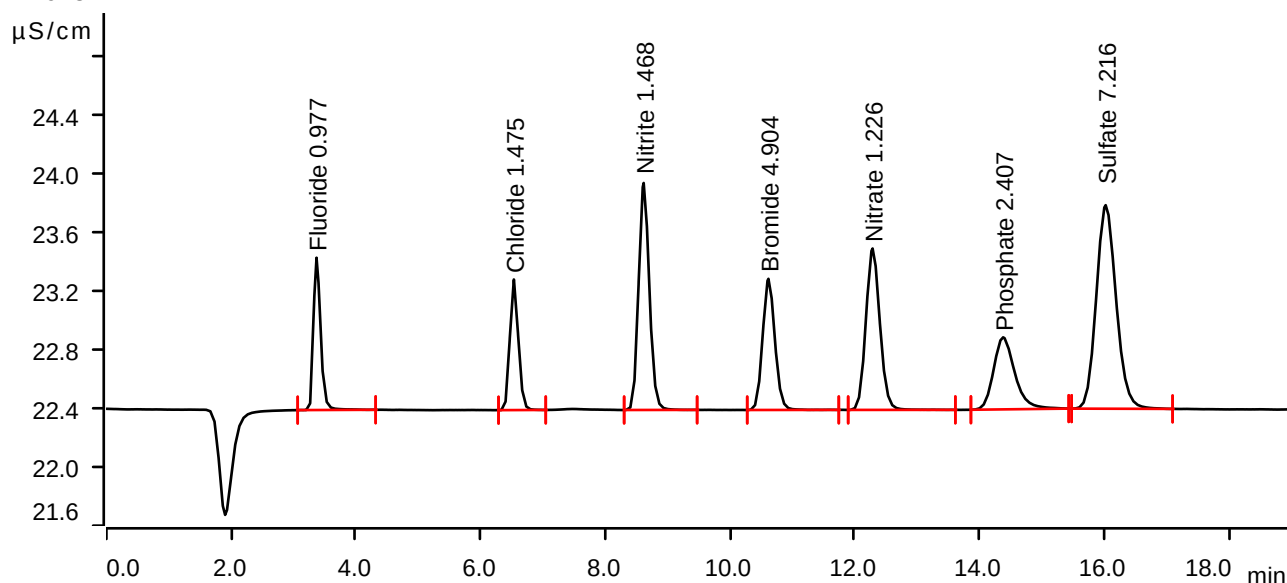
Sample data

Ident STD4
Sample type Standard 4
Determination start 2025-03-21 11:50:04 UTC-4
Method IC1-032125
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	3.370	0.1374	1.040	0.977	Fluoride
2	6.533	0.1415	0.892	1.475	Chloride
3	8.615	0.3099	1.551	1.468	Nitrite
4	10.615	0.2046	0.896	4.904	Bromide
5	12.285	0.2869	1.103	1.226	Nitrate
6	14.378	0.1943	0.492	2.407	Phosphate
7	16.022	0.5142	1.391	7.216	Sulfate

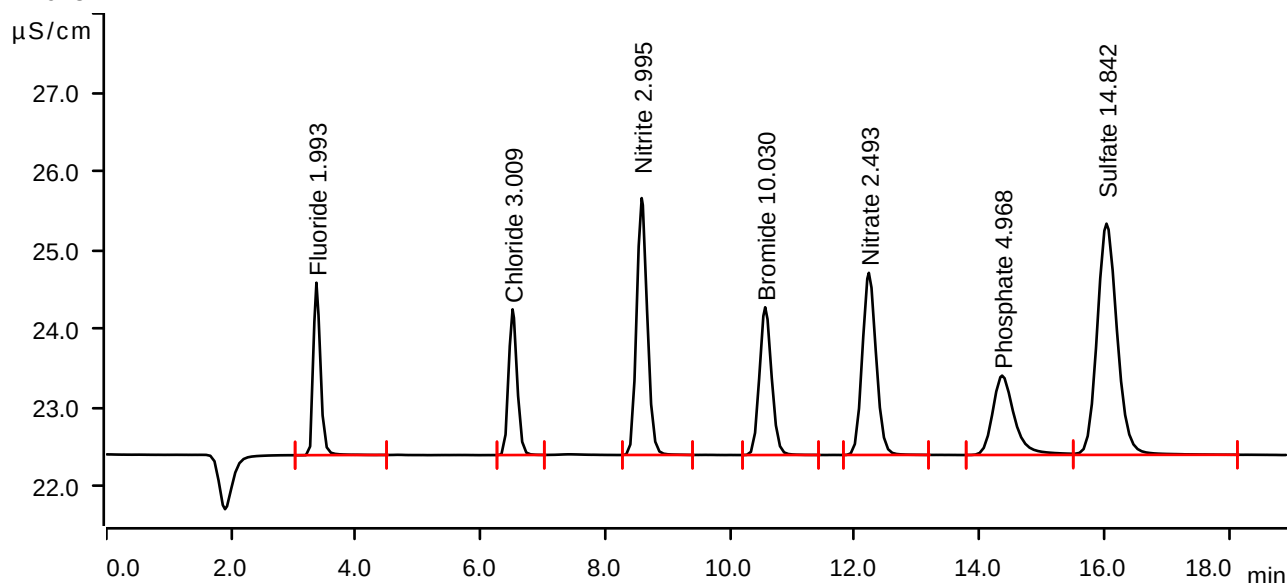
Sample data

Ident STD5
Sample type Standard 5
Determination start 2025-03-21 12:11:30 UTC-4
Method IC1-032125
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 11.20 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.368	0.2843	2.188	1.993	Fluoride
2	6.513	0.2909	1.849	3.009	Chloride
3	8.583	0.6452	3.260	2.995	Nitrite
4	10.563	0.4229	1.875	10.030	Bromide
5	12.225	0.5933	2.311	2.493	Nitrate
6	14.362	0.4083	1.007	4.968	Phosphate
7	16.035	1.0913	2.934	14.842	Sulfate

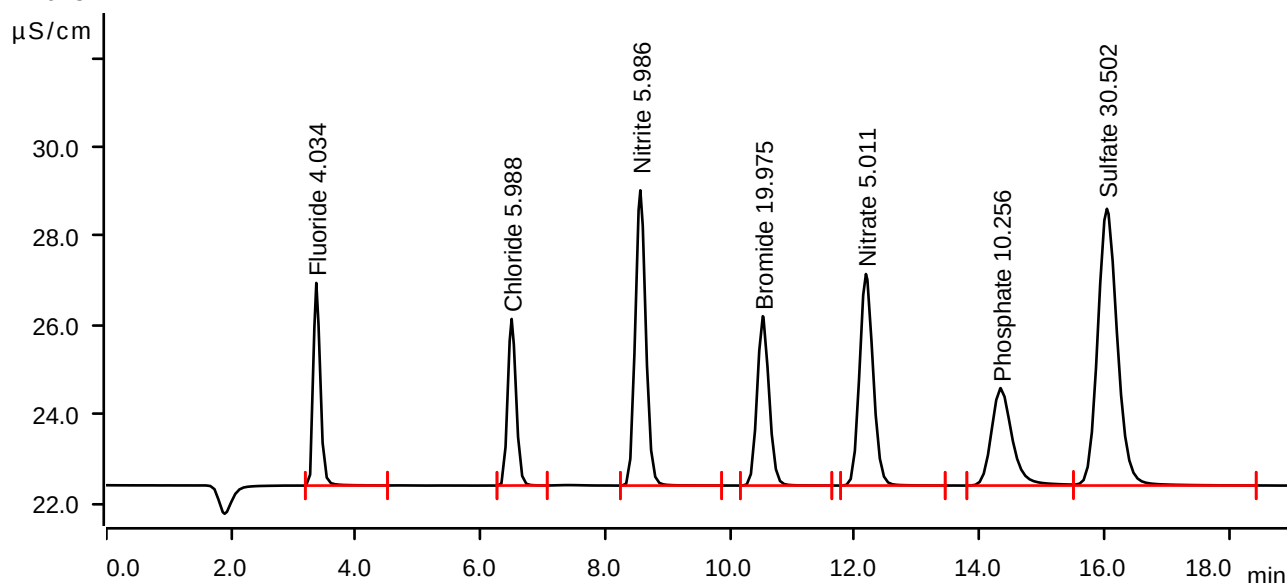
Sample data

Ident STD6
Sample type Standard 6
Determination start 2025-03-21 12:32:57 UTC-4
Method IC1-032125
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 11.09 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	0.5796	4.549	4.034	Fluoride
2	6.498	0.5810	3.740	5.988	Chloride
3	8.562	1.3025	6.628	5.986	Nitrite
4	10.525	0.8465	3.803	19.975	Bromide
5	12.178	1.2015	4.749	5.011	Nitrate
6	14.338	0.8503	2.187	10.256	Phosphate
7	16.042	2.2762	6.214	30.502	Sulfate

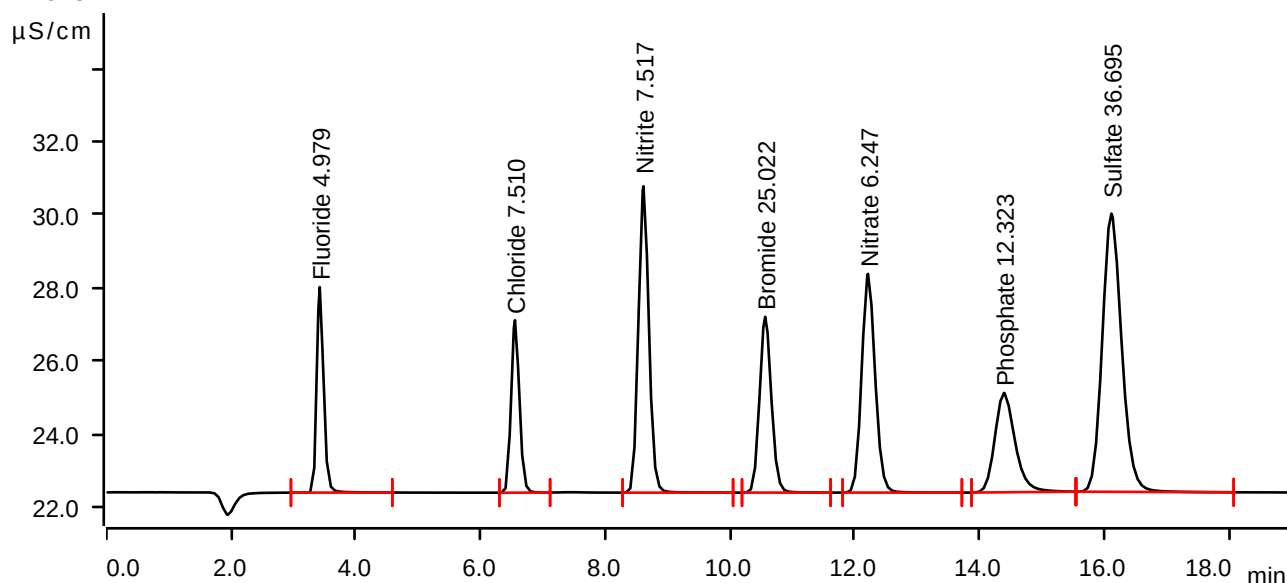
Sample data

Ident STD7
Sample type Standard 7
Determination start 2025-03-21 12:54:24 UTC-4
Method IC1-032125
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	3.422	0.7164	5.617	4.979	Fluoride
2	6.552	0.7293	4.712	7.510	Chloride
3	8.612	1.6387	8.371	7.517	Nitrite
4	10.563	1.0614	4.806	25.022	Bromide
5	12.212	1.5003	5.978	6.247	Nitrate
6	14.392	1.0231	2.714	12.323	Phosphate
7	16.113	2.7448	7.604	36.695	Sulfate

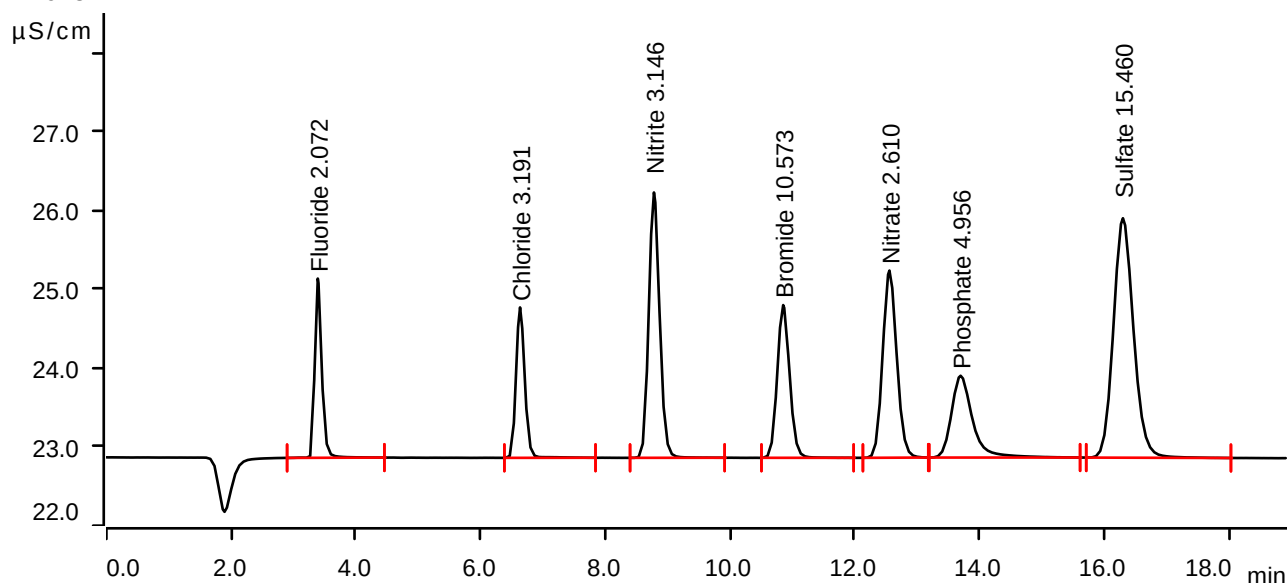
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-04-02 09:34:24 UTC-4
Method IC1-032125
Operator

Anions

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

Anions



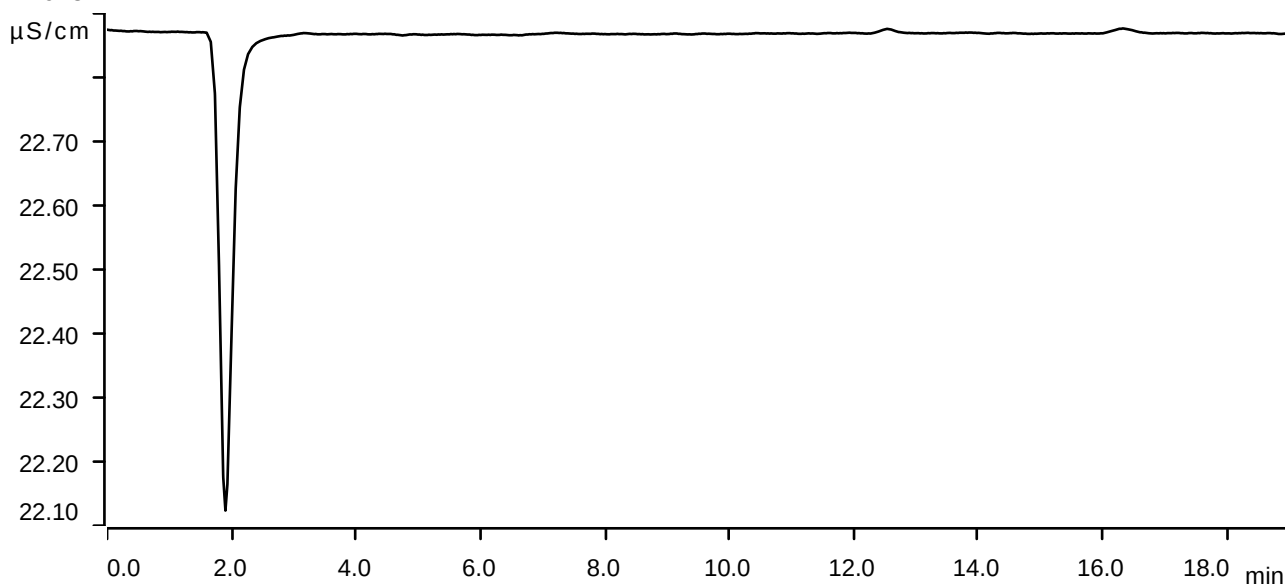
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.390	0.2958	2.274	2.072	Fluoride
2	6.633	0.3086	1.909	3.191	Chloride
3	8.780	0.6786	3.367	3.146	Nitrite
4	10.852	0.4460	1.938	10.573	Bromide
5	12.555	0.6214	2.375	2.610	Nitrate
6	13.697	0.4073	1.038	4.956	Phosphate
7	16.298	1.1380	3.039	15.460	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-04-02 10:17:25 UTC-4
Method IC1-032125
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 11.54 MPa
Maximum pressure monitored yes
Temperature ---- °C

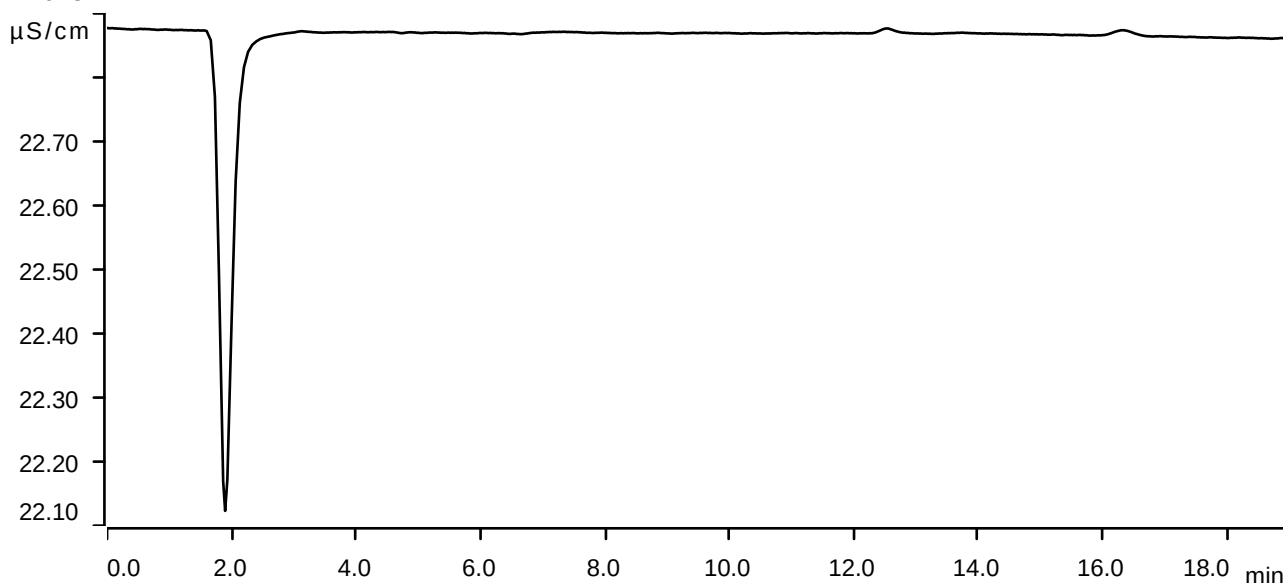
Anions

Sample data

Ident LB135274BLW
Sample type Sample
Determination start 2025-04-02 10:38:56 UTC-4
Method IC1-032125
Operator

Anions

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

Anions

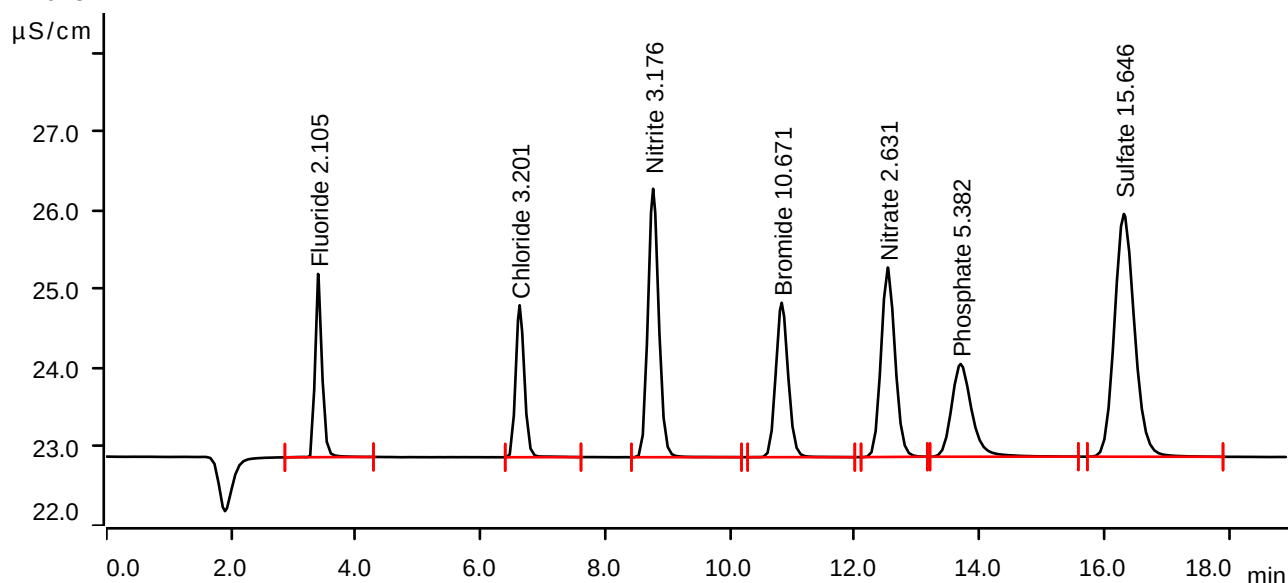
Sample data

Ident LB135274BSW
Sample type Check standard 1
Determination start 2025-04-02 11:00:27 UTC-4
Method IC1-032125
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 11.54 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	0.3006	2.325	2.105	Fluoride
2	6.627	0.3095	1.928	3.201	Chloride
3	8.767	0.6850	3.407	3.176	Nitrite
4	10.828	0.4502	1.960	10.671	Bromide
5	12.528	0.6265	2.405	2.631	Nitrate
6	13.697	0.4429	1.177	5.382	Phosphate
7	16.313	1.1520	3.081	15.646	Sulfate

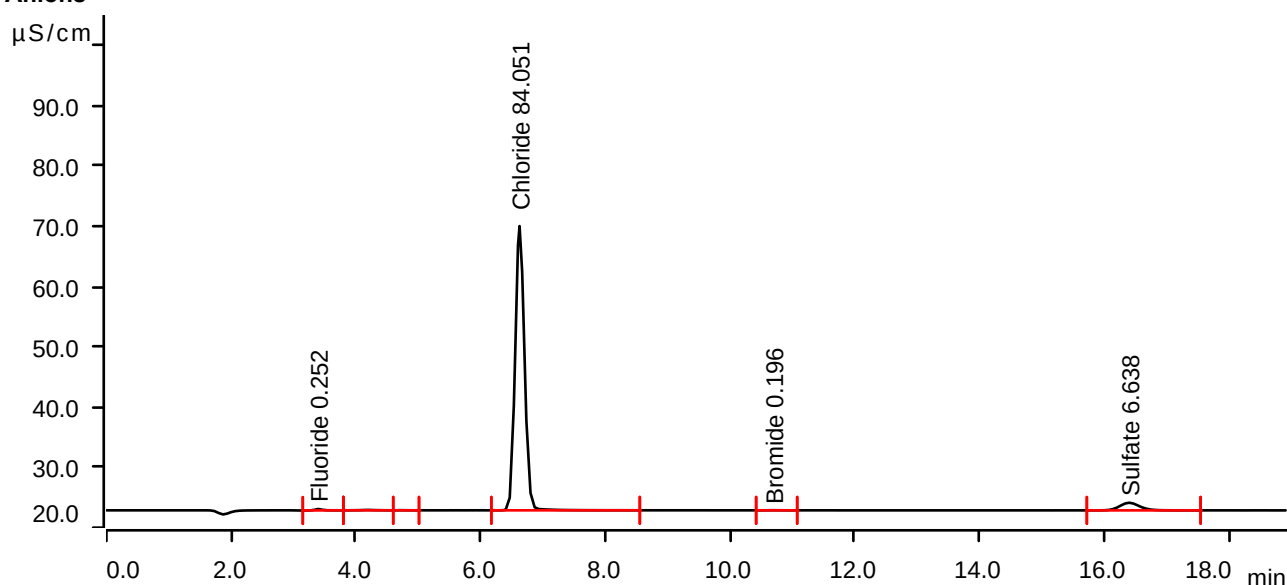
Sample data

Ident Q1697-01
Sample type Sample
Determination start 2025-04-02 11:38:43 UTC-4
Method IC1-032125
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 11.20 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	0.0324	0.228	0.252	Fluoride
2	4.183	0.0163	0.063	invalid	
3	4.732	0.0031	0.020	invalid	
4	6.625	8.1851	47.172	84.051	Chloride
5	10.690	0.0041	0.018	0.196	Bromide
6	16.398	0.4704	1.261	6.638	Sulfate

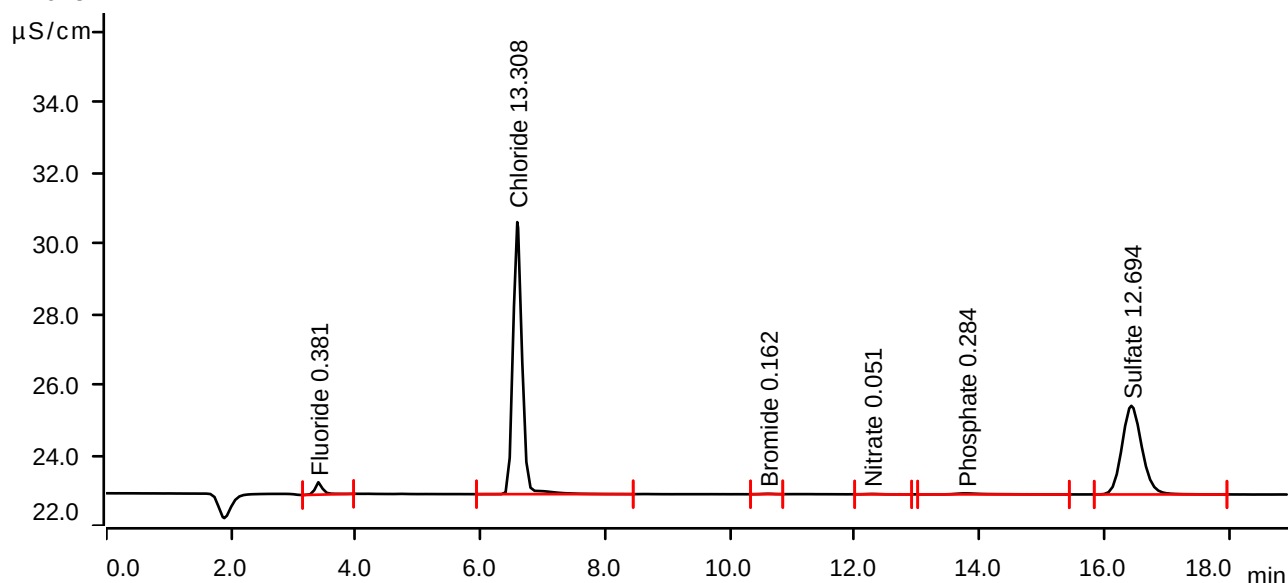
Sample data

Ident Q1697-02
Sample type Sample
Determination start 2025-04-02 12:00:20 UTC-4
Method IC1-032125
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 11.09 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	3.398	0.0512	0.351	0.381	Fluoride
2	6.588	1.2941	7.701	13.308	Chloride
3	10.607	0.0026	0.012	0.162	Bromide
4	12.275	0.0031	0.011	0.051	Nitrate
5	13.783	0.0168	0.028	0.284	Phosphate
6	16.433	0.9287	2.509	12.694	Sulfate

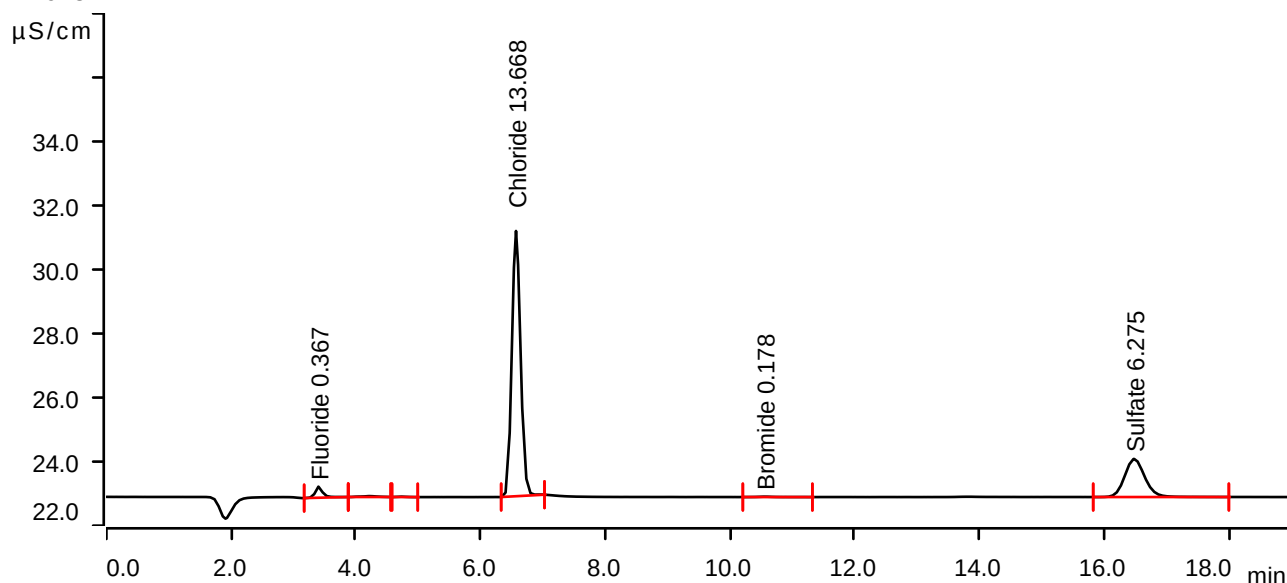
Sample data

Ident Q1697-03
Sample type Sample
Determination start 2025-04-02 12:21:54 UTC-4
Method IC1-032125
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 10.81 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	0.0490	0.345	0.367	Fluoride
2	4.218	0.0083	0.028	invalid	
3	4.730	0.0019	0.012	invalid	
4	6.568	1.3292	8.286	13.668	Chloride
5	10.550	0.0033	0.012	0.178	Bromide
6	16.478	0.4430	1.190	6.275	Sulfate

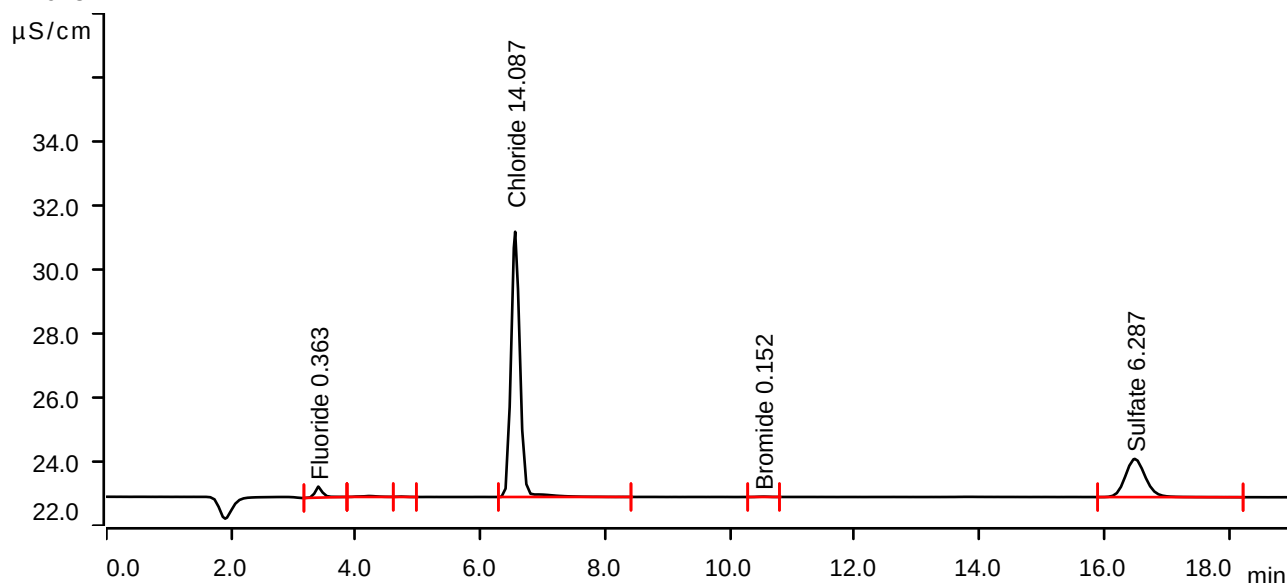
Sample data

Ident Q1697-04
Sample type Sample
Determination start 2025-04-02 12:43:28 UTC-4
Method IC1-032125
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 10.75 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	0.0486	0.343	0.363	Fluoride
2	4.225	0.0094	0.029	invalid	
3	4.730	0.0021	0.012	invalid	
4	6.555	1.3699	8.285	14.087	Chloride
5	10.525	0.0022	0.011	0.152	Bromide
6	16.488	0.4439	1.194	6.287	Sulfate

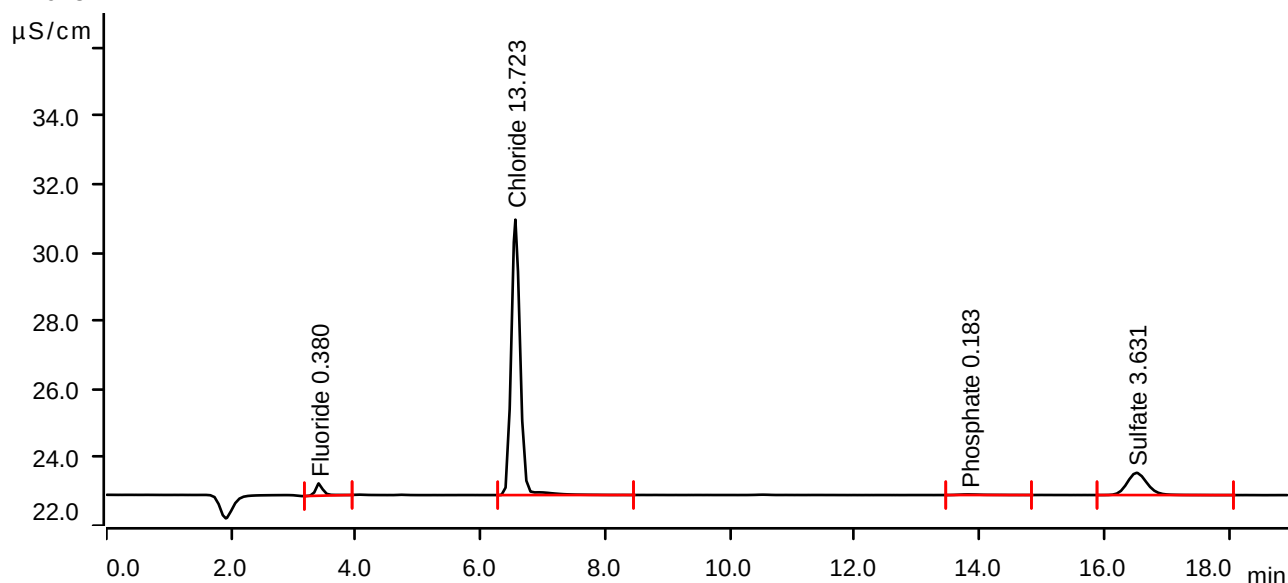
Sample data

Ident Q1697-05
Sample type Sample
Determination start 2025-04-02 13:05:02 UTC-4
Method IC1-032125
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 10.70 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	0.0509	0.360	0.380	Fluoride
2	6.558	1.3345	8.065	13.723	Chloride
3	13.833	0.0083	0.018	0.183	Phosphate
4	16.517	0.2429	0.651	3.631	Sulfate

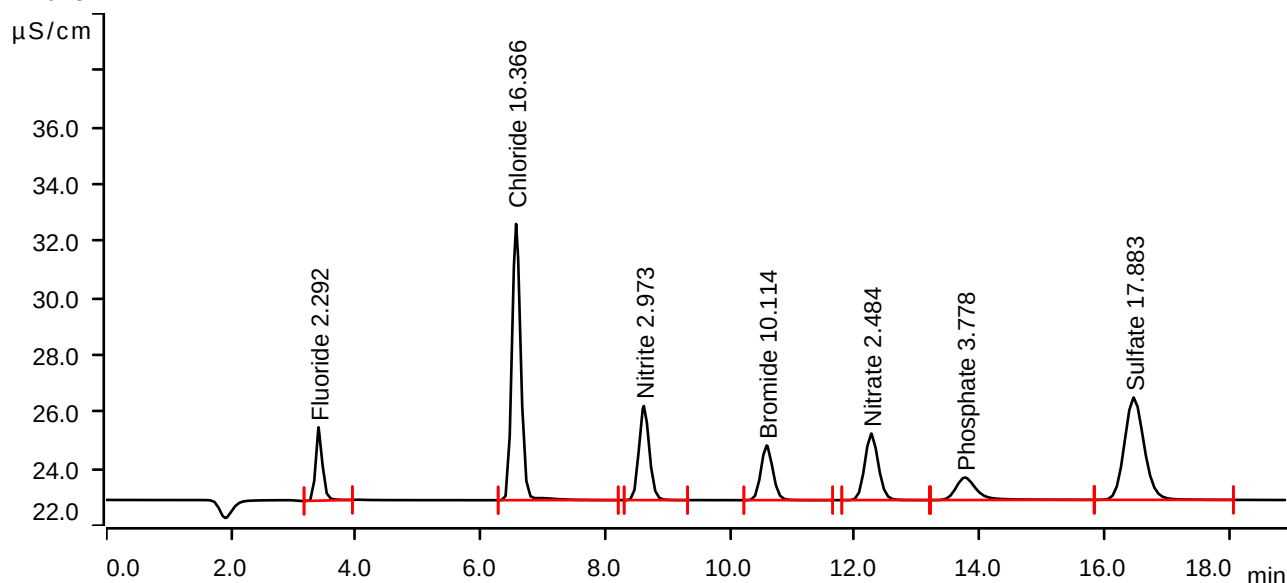
Sample data

Ident Q1697-05MS
Sample type Sample
Determination start 2025-04-02 13:26:36 UTC-4
Method IC1-032125
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 10.75 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	0.3277	2.578	2.292	Fluoride
2	6.570	1.5920	9.708	16.366	Chloride
3	8.618	0.6405	3.308	2.973	Nitrite
4	10.587	0.4265	1.923	10.114	Bromide
5	12.263	0.5911	2.337	2.484	Nitrate
6	13.765	0.3088	0.791	3.778	Phosphate
7	16.472	1.3213	3.595	17.883	Sulfate

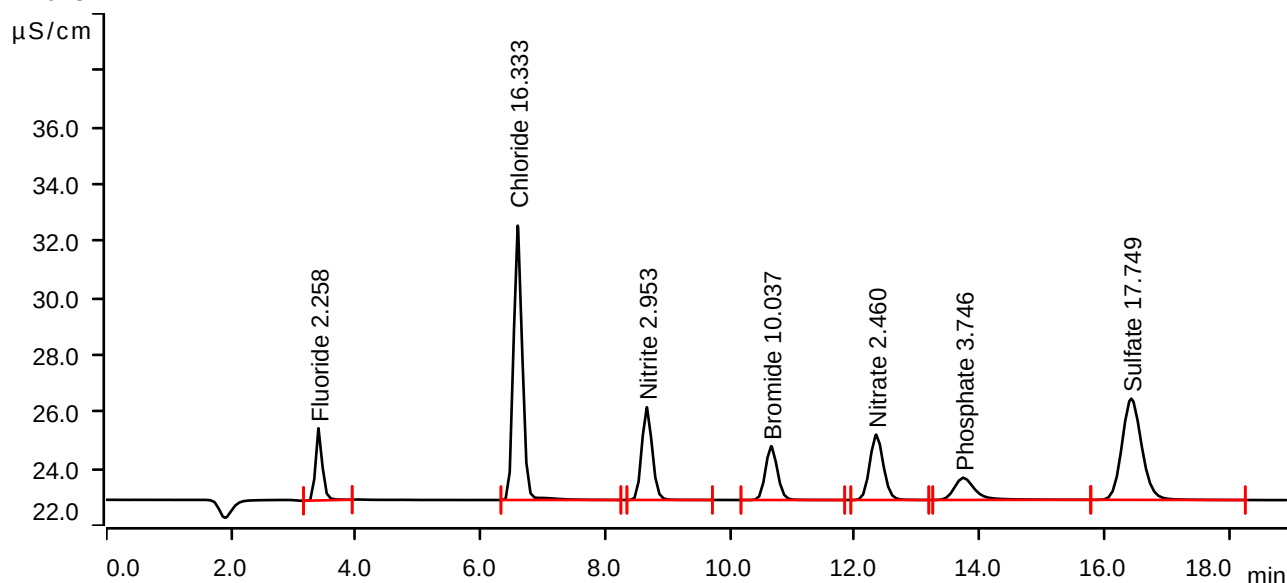
Sample data

Ident Q1697-05MSD
Sample type Sample
Determination start 2025-04-02 13:48:10 UTC-4
Method IC1-032125
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 11.04 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	0.3227	2.534	2.258	Fluoride
2	6.595	1.5888	9.641	16.333	Chloride
3	8.665	0.6361	3.258	2.953	Nitrite
4	10.658	0.4232	1.891	10.037	Bromide
5	12.343	0.5852	2.298	2.460	Nitrate
6	13.740	0.3062	0.780	3.746	Phosphate
7	16.432	1.3111	3.558	17.749	Sulfate

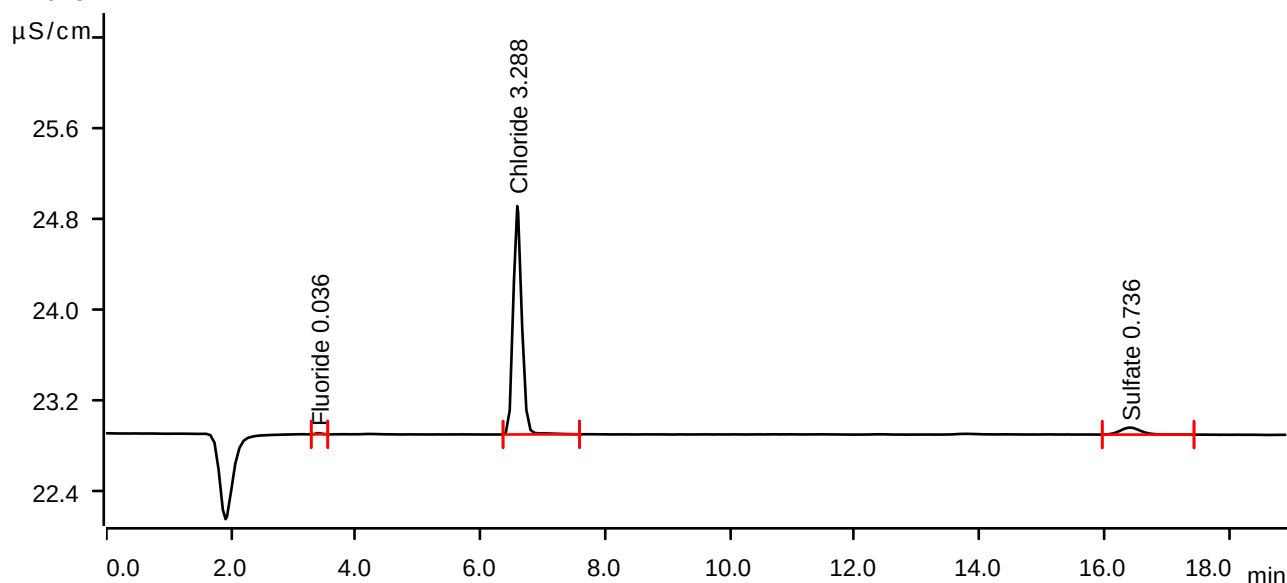
Sample data

Ident Q1697-01DLX20
Sample type Sample
Determination start 2025-04-02 14:09:43 UTC-4
Method IC1-032125
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 11.20 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	0.0013	0.010	0.036	Fluoride
2	6.588	0.3180	2.007	3.288	Chloride
3	16.407	0.0238	0.062	0.736	Sulfate

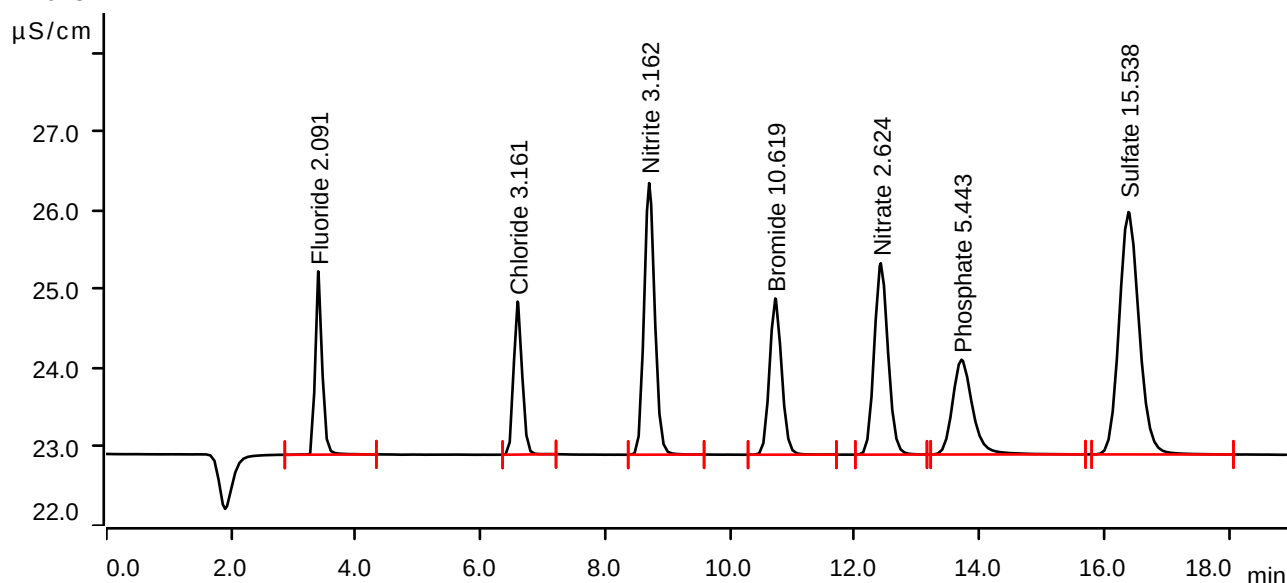
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-04-02 14:31:15 UTC-4
Method IC1-032125
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



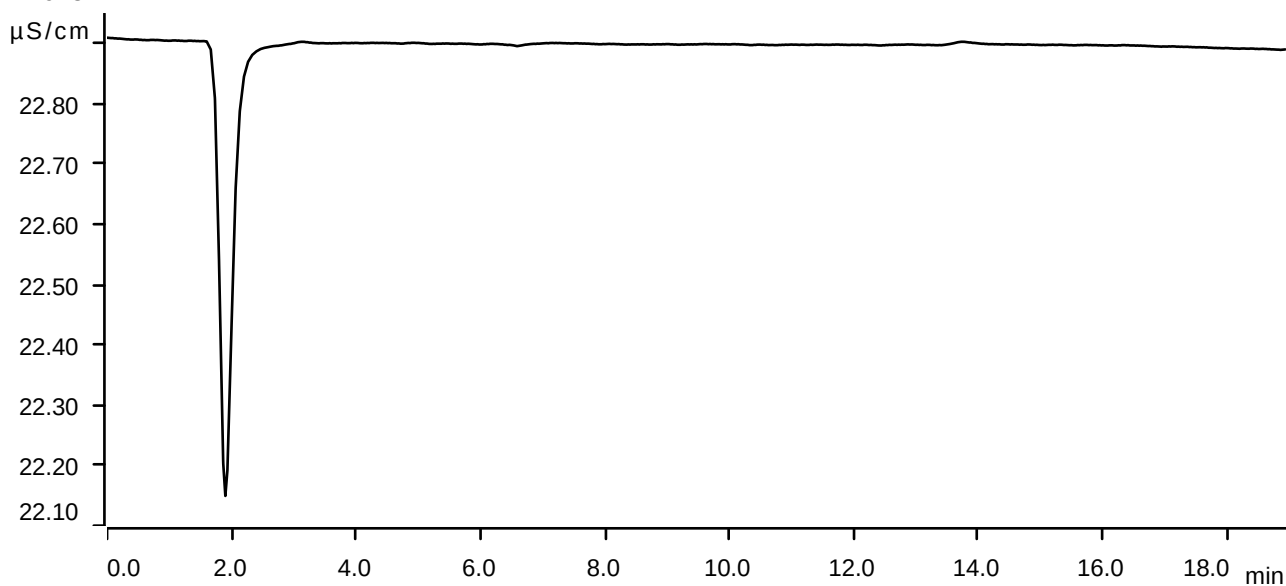
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.397	0.2985	2.325	2.091	Fluoride
2	6.593	0.3056	1.942	3.161	Chloride
3	8.703	0.6821	3.447	3.162	Nitrite
4	10.725	0.4480	1.982	10.619	Bromide
5	12.417	0.6248	2.428	2.624	Nitrate
6	13.710	0.4480	1.203	5.443	Phosphate
7	16.388	1.1439	3.076	15.538	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-04-02 14:52:45 UTC-4
Method IC1-032125
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

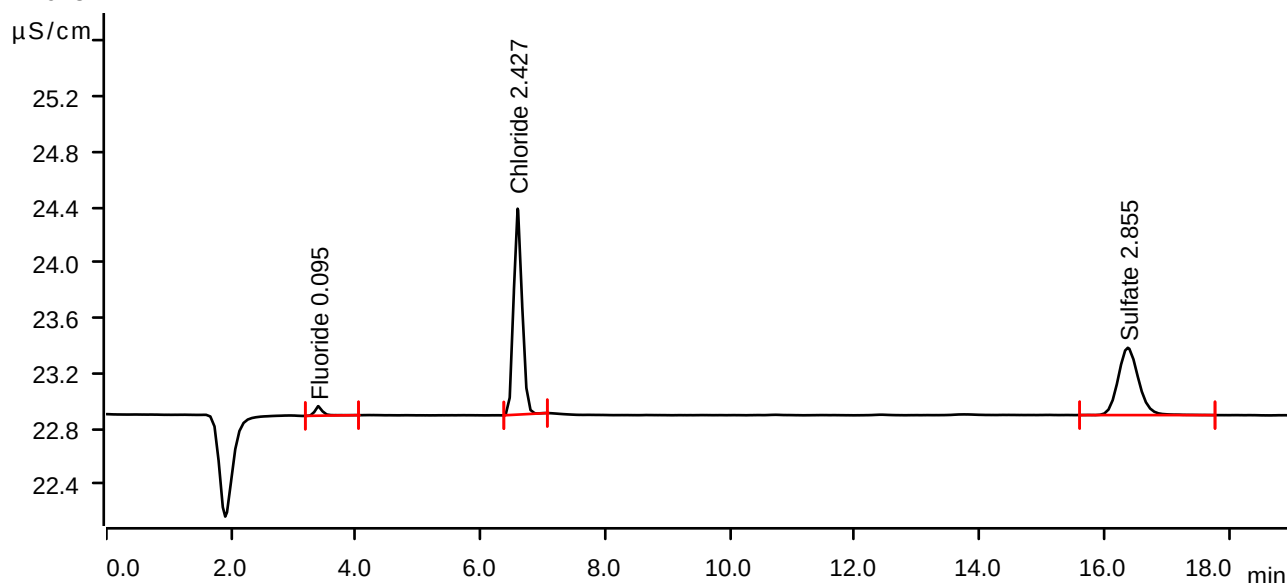
Sample data

Ident Q1697-02DLX5
Sample type Sample
Determination start 2025-04-02 15:14:07 UTC-4
Method IC1-032125
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	3.395	0.0098	0.069	0.095	Fluoride
2	6.593	0.2342	1.487	2.427	Chloride
3	16.377	0.1842	0.486	2.855	Sulfate

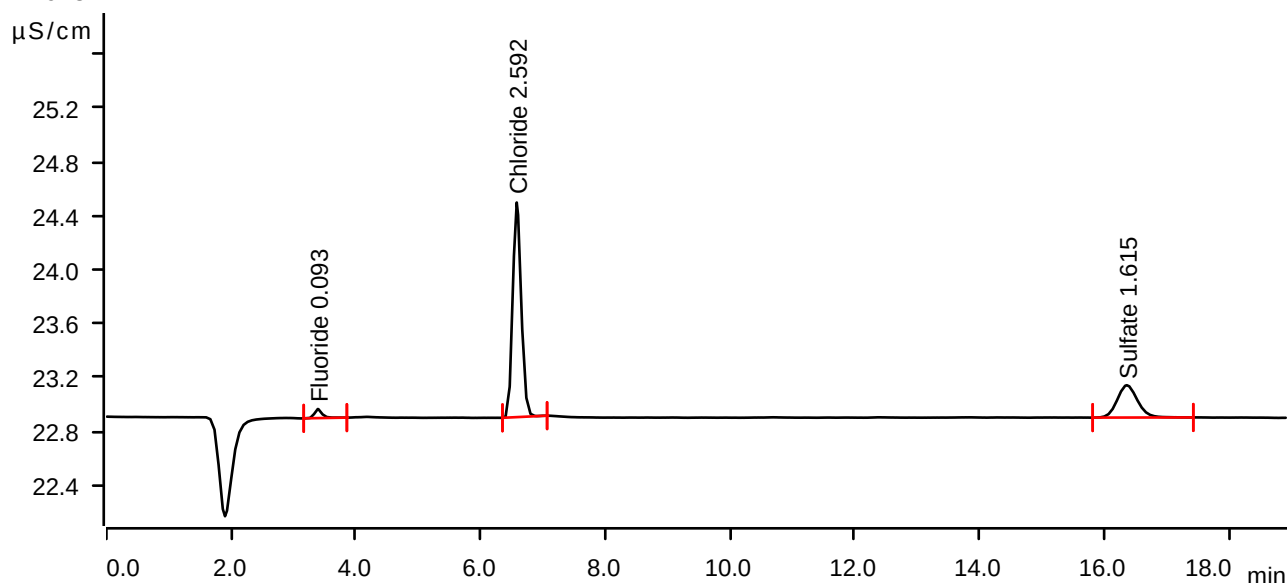
Sample data

Ident Q1697-03DLX5
Sample type Sample
Determination start 2025-04-02 15:35:38 UTC-4
Method IC1-032125
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 11.54 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	0.0094	0.068	0.093	Fluoride
2	6.580	0.2502	1.592	2.592	Chloride
3	16.360	0.0903	0.240	1.615	Sulfate

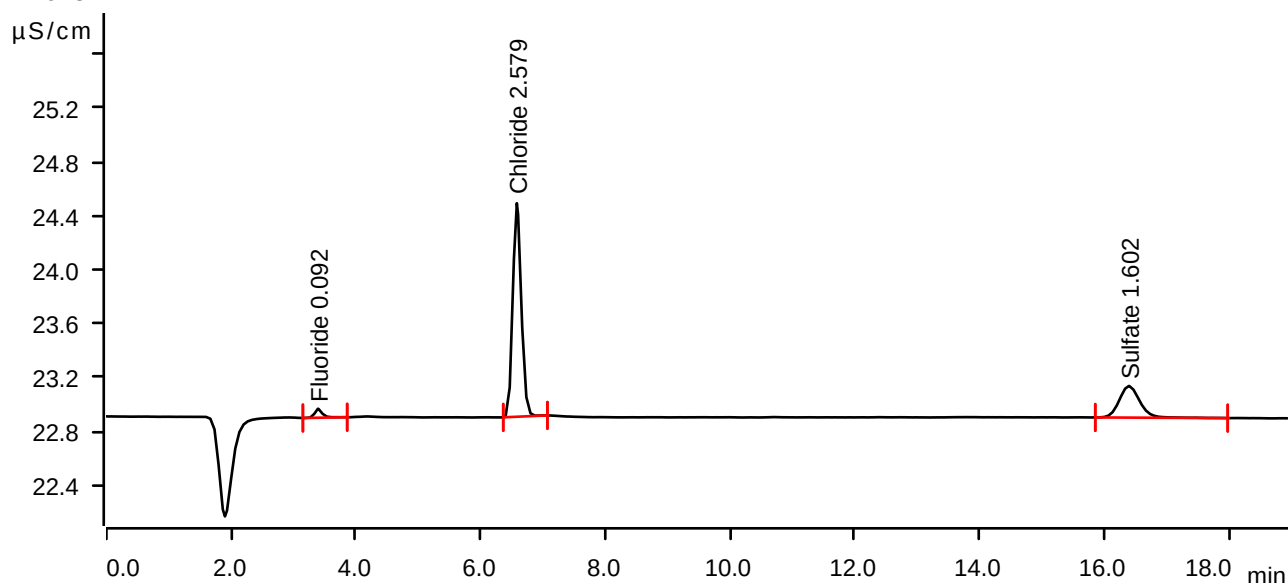
Sample data

Ident Q1697-04DLX5
Sample type Sample
Determination start 2025-04-02 15:57:08 UTC-4
Method IC1-032125
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	3.392	0.0093	0.067	0.092	Fluoride
2	6.582	0.2490	1.584	2.579	Chloride
3	16.393	0.0893	0.235	1.602	Sulfate

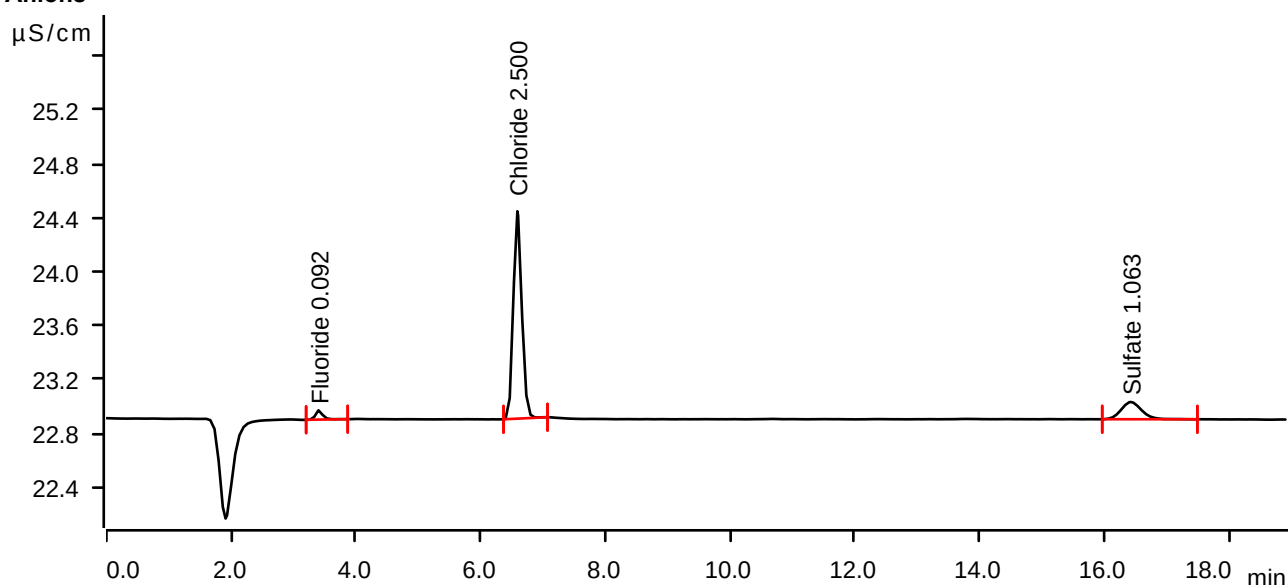
Sample data

Ident Q1697-05DLX5
Sample type Sample
Determination start 2025-04-02 16:18:38 UTC-4
Method IC1-032125
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	3.402	0.0094	0.069	0.092	Fluoride
2	6.590	0.2413	1.538	2.500	Chloride
3	16.422	0.0486	0.128	1.063	Sulfate

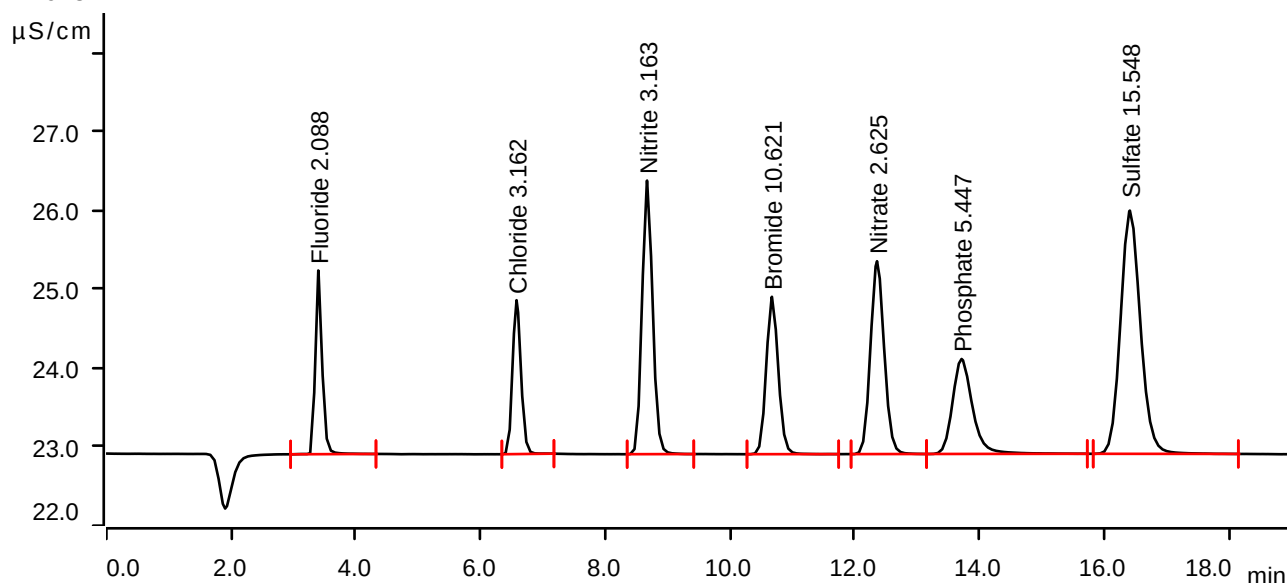
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-04-02 16:40:07 UTC-4
Method IC1-032125
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



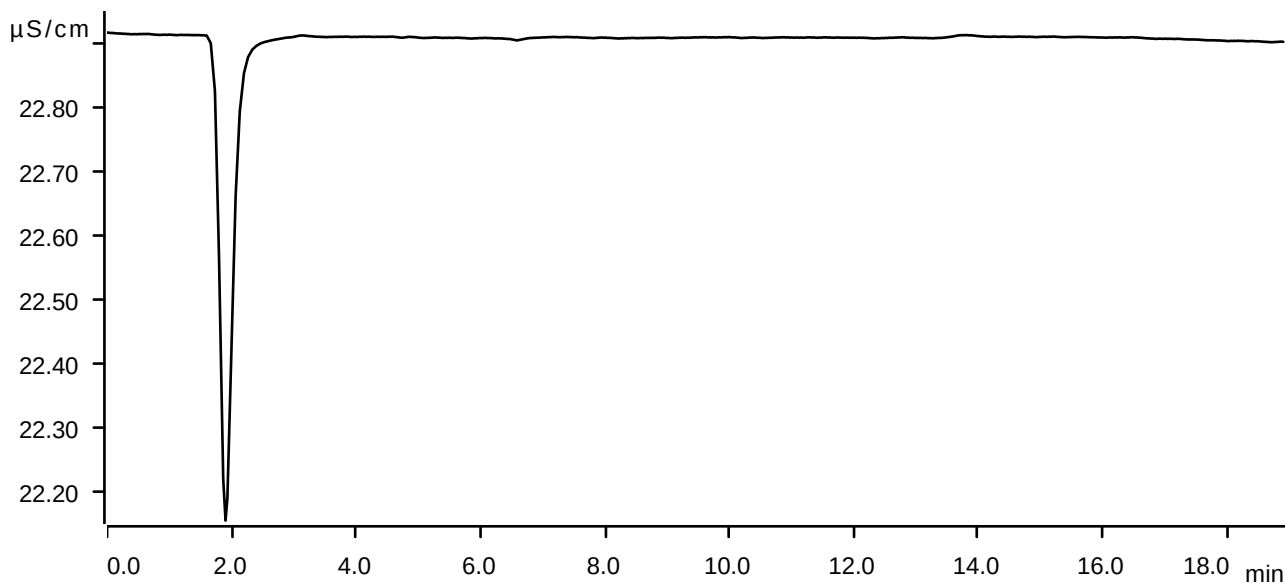
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.398	0.2981	2.331	2.088	Fluoride
2	6.577	0.3057	1.953	3.162	Chloride
3	8.670	0.6823	3.472	3.163	Nitrite
4	10.672	0.4481	1.997	10.621	Bromide
5	12.357	0.6252	2.447	2.625	Nitrate
6	13.712	0.4483	1.205	5.447	Phosphate
7	16.410	1.1446	3.087	15.548	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-04-02 17:01:37 UTC-4
Method IC1-032125
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

WORKLIST(Hardcopy Internal Chain)

LB135274

WorkList Name : ANIONS-04022025 WorkList ID : 188679 Department : Wet-Chemistry Date : 04-02-2025 10:59:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1697-01	MW-19B-72-040125	Water	Anions Group1	Cool 4 deg C	JACO05	I31	04/01/2025	9056A
Q1697-02	IW-01-55-040125	Water	Anions Group1	Cool 4 deg C	JACO05	I31	04/01/2025	9056A
Q1697-03	IW-02-55-040125	Water	Anions Group1	Cool 4 deg C	JACO05	I31	04/01/2025	9056A
Q1697-04	IW-02-55-040125-FD	Water	Anions Group1	Cool 4 deg C	JACO05	I31	04/01/2025	9056A
Q1697-05	IW-03-55-040125	Water	Anions Group1	Cool 4 deg C	JACO05	I31	04/01/2025	9056A

Date/Time 04.02.2025 11:05
Raw Sample Received by: NF(WC)
Raw Sample Relinquished by: MCeller

Date/Time 04.02.2025 15:00
Raw Sample Received by: JAC
Raw Sample Relinquished by: NFW