

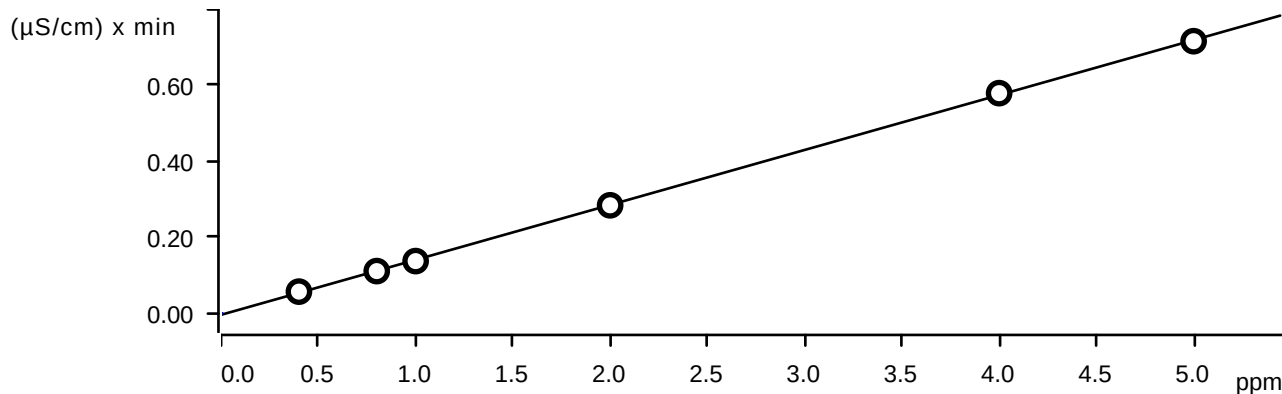
Instrument II				Analyst:		NF		Method: 00.0 / 9056A				date time		l wt/Fin.		Analyst	
Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name									
STD1	0	0	0	0	0	0	0	IC1-032125					3/21/2025 10:45		10	NF/IZ	
STD2	0.421	0.619	0.631	2.075	0.523	1.052	3.247	IC1-032125					3/21/2025 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	concentration F-	concentration CL-	concentration on NO2	concentration on BR-	concentration on NO3	concentration on HPO4	concentration on SO4	file name	date time
STD1	0	0	0	0	0	0	0	0 IC1-032125	3/21/2025 10:45
STD2	0.421	0.619	0.631	2.075	0.523	1.052	3.247	IC1-032125	3/21/2025 11:07
STD3	0.795	1.199	1.203	3.994	1.001	1.993	5.998	IC1-032125	3/21/2025 11:28
STD4	0.977	1.475	1.468	4.904	1.226	2.407	7.216	IC1-032125	3/21/2025 11:50
STD5	1.993	3.009	2.995	10.03	2.493	4.968	14.842	IC1-032125	3/21/2025 12:11
STD6	4.034	5.988	5.986	19.975	5.011	10.256	30.502	IC1-032125	3/21/2025 12:32
STD7	4.979	7.51	7.517	25.022	6.247	12.323	36.695	IC1-032125	3/21/2025 12:54
ident	True Value	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		10 NF/IZ
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000		10 NF/IZ
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000		10 NF/IZ
STD4	1.0000	1.5000	1.5000	5.0000	1.2500	2.5000	7.5000		10 NF/IZ
STD5	2.0000	3.0000	3.0000	10.0000	2.5000	5.0000	15.0000		10 NF/IZ
STD6	4.0000	6.0000	6.0000	20.0000	5.0000	10.0000	30.0000		10 NF/IZ
STD7	5.0000	7.5000	7.5000	25.0000	6.2500	12.5000	37.0000		10 NF/IZ
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		

Initial wt/ Final Analyst

Fluoride (Anions)



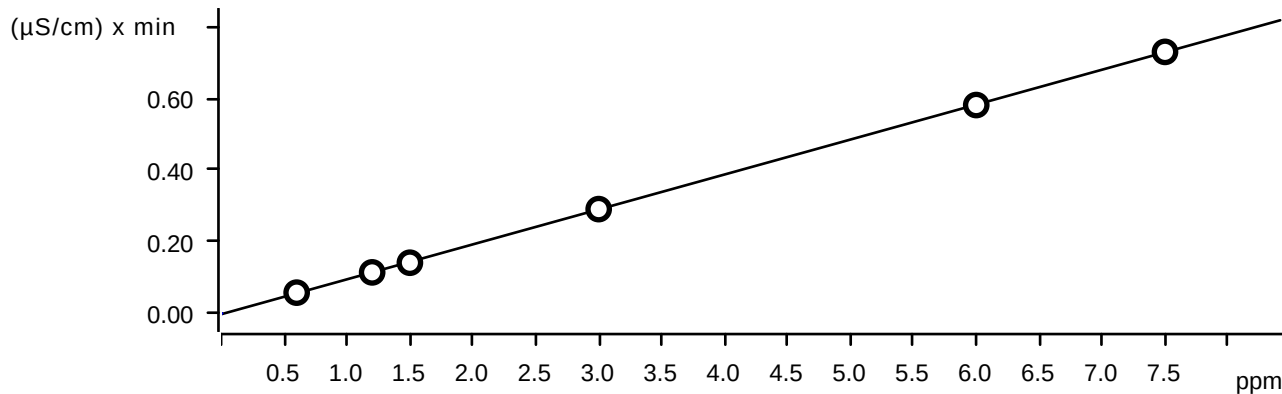
Function: $A = -4.00269E-3 + 0.0144679 \times Q$

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)



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

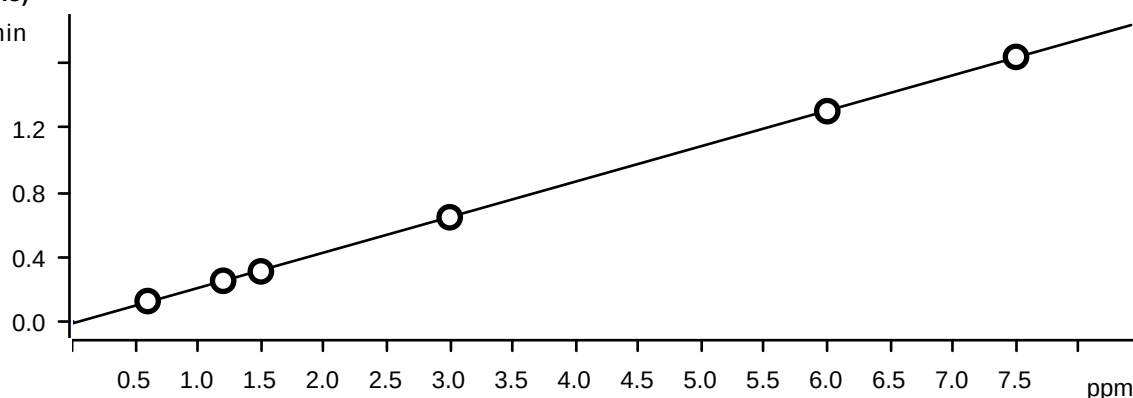
Relative standard deviation 0.547466 %

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)

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



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

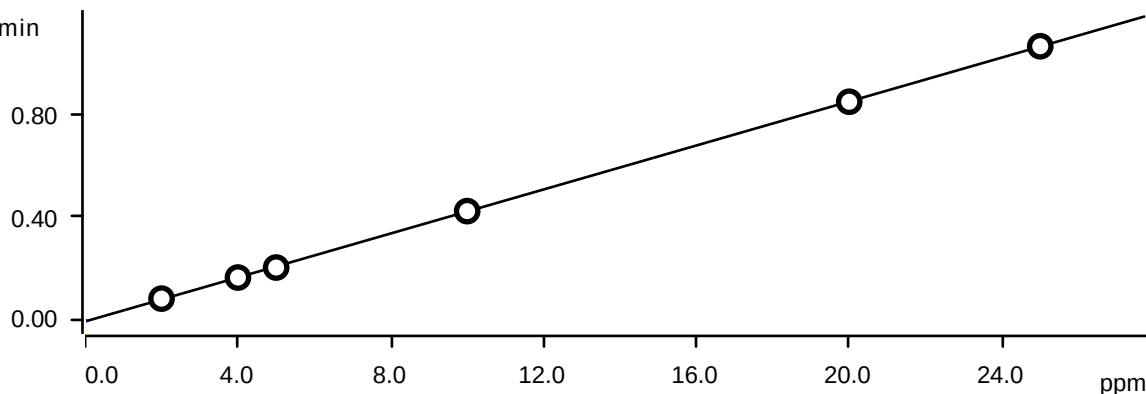
Relative standard deviation 0.767970 %

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)

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



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

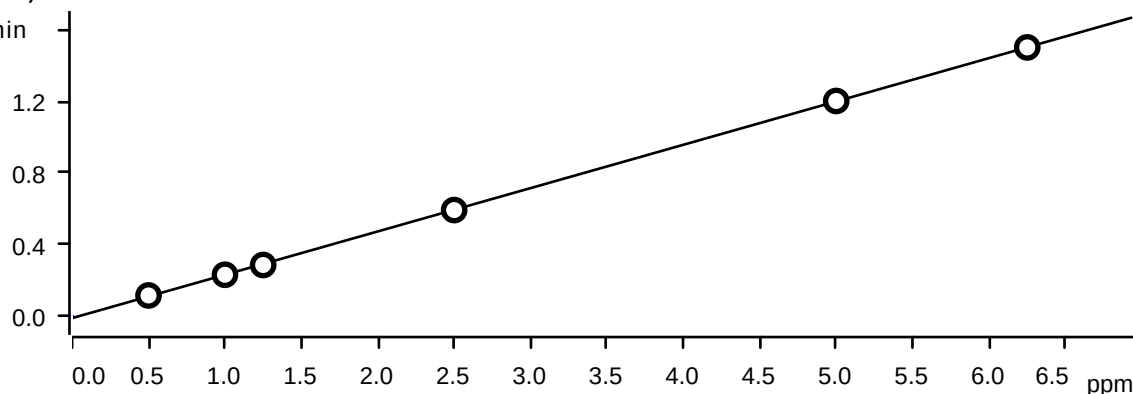
Relative standard deviation: 0.597348 %

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)

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

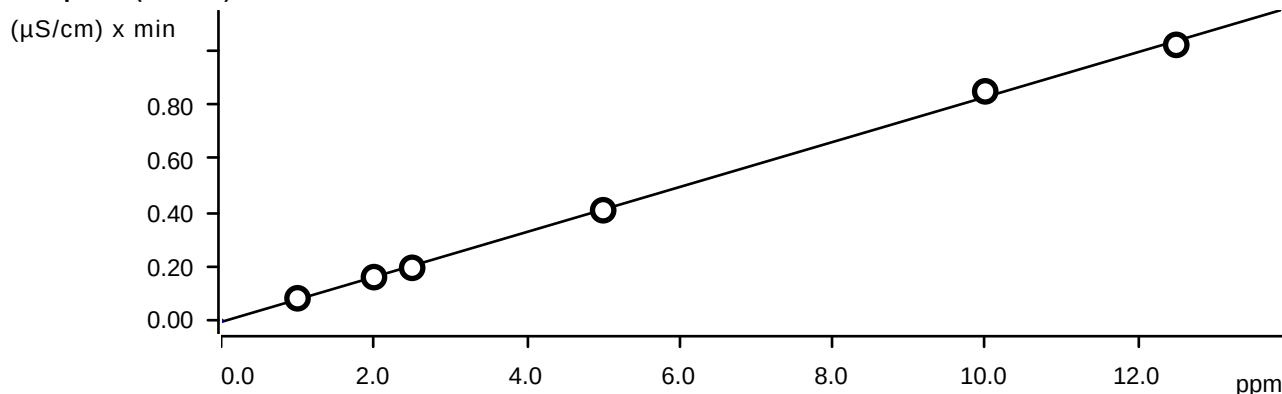


Function: $A = -9.20754E-3 + 0.0241631 \times Q$

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

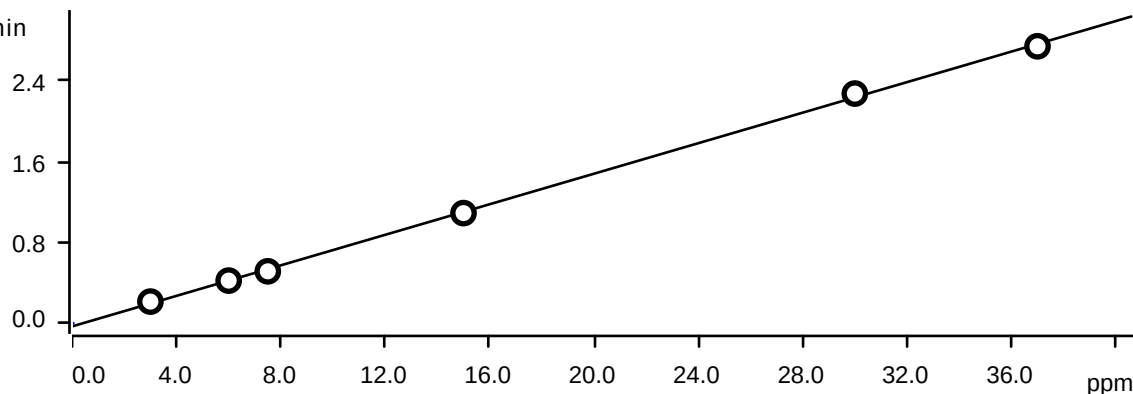
Relative standard deviation 3.051728 %

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)

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



Function: $A = -0.0318458 + 7.56676E-3 \times Q$

Relative standard deviation 2.235653 %

Correlation coefficient 0.999739

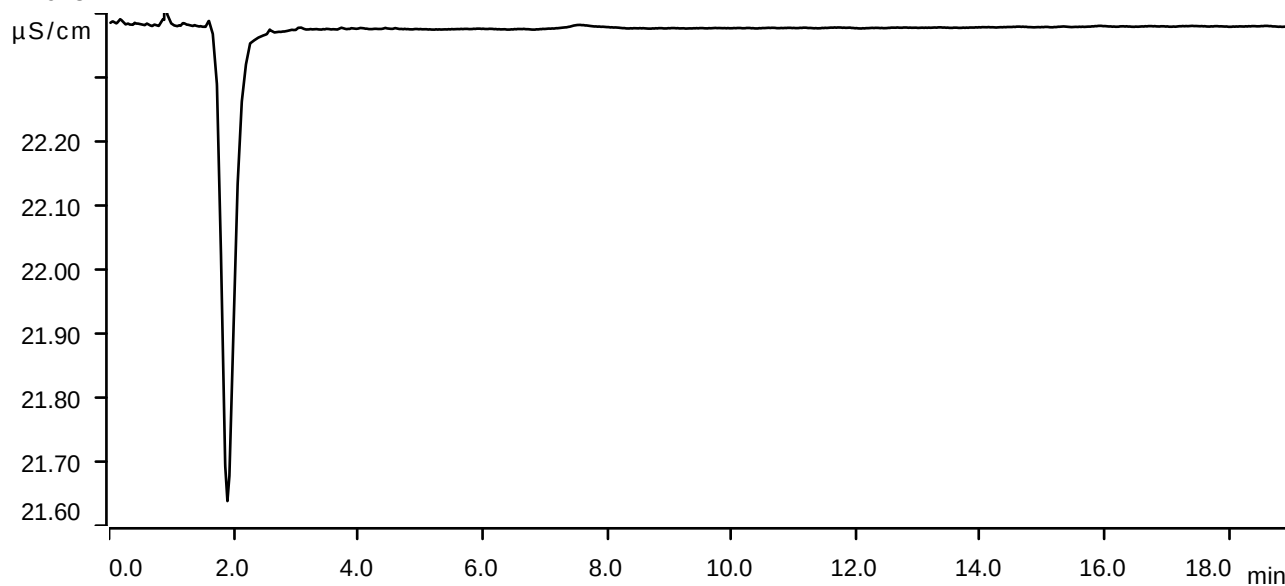
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-03-21 10:45:52 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.214	STD2	2025-03-21 11:07:15 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.422	STD3	2025-03-21 11:28:39 UTC-4	used
Standard 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

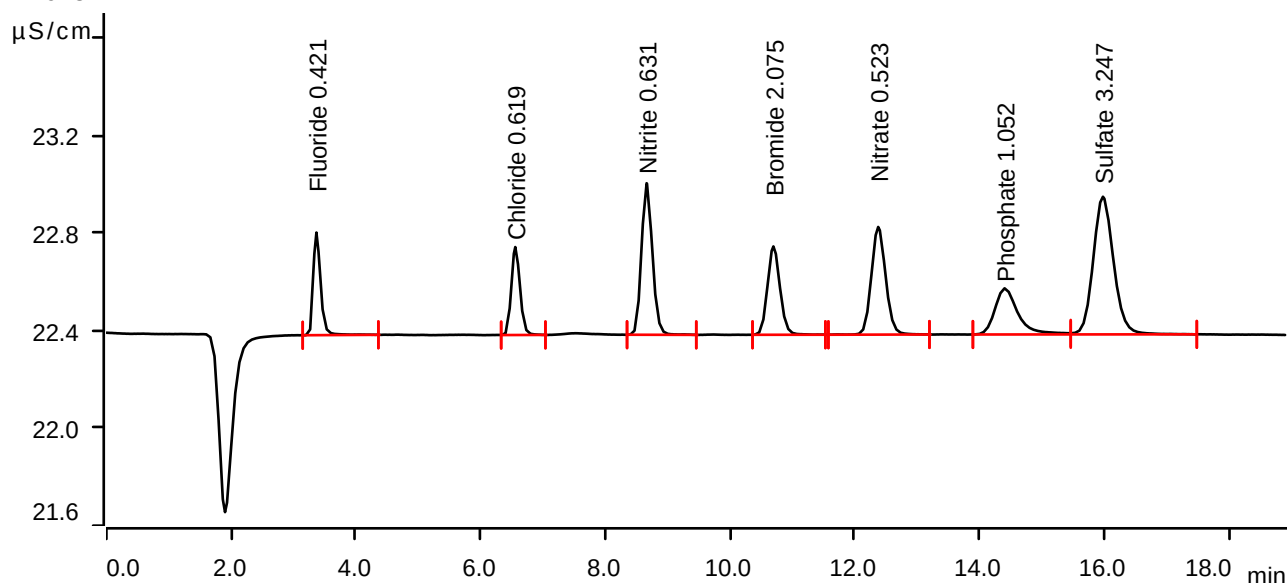
Sample data

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

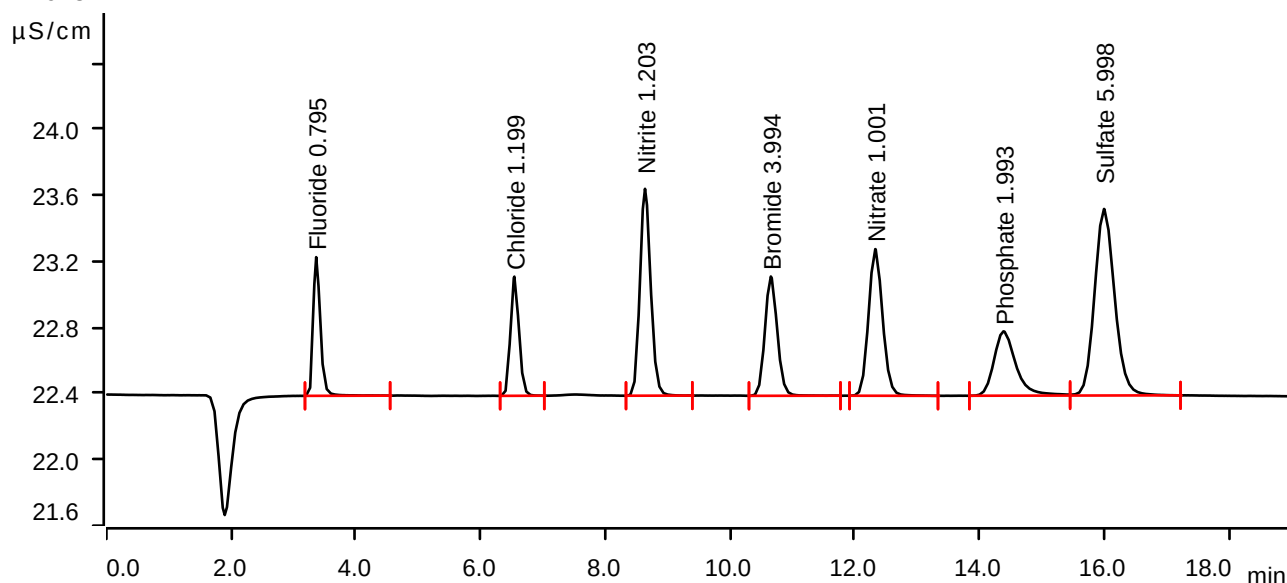
Sample data

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

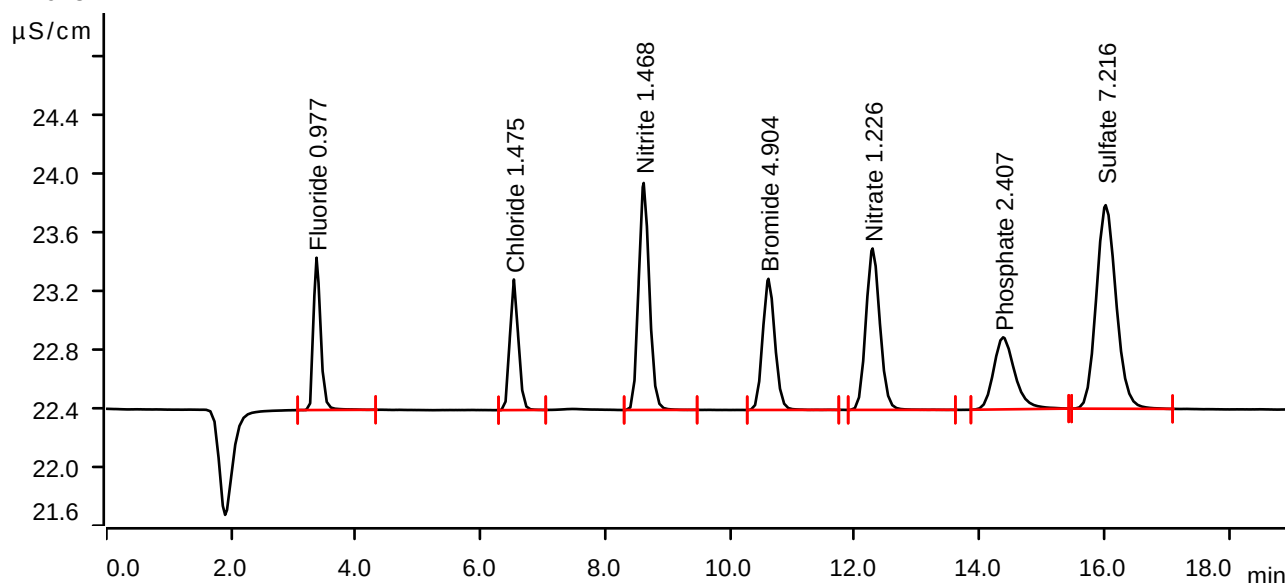
Sample data

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

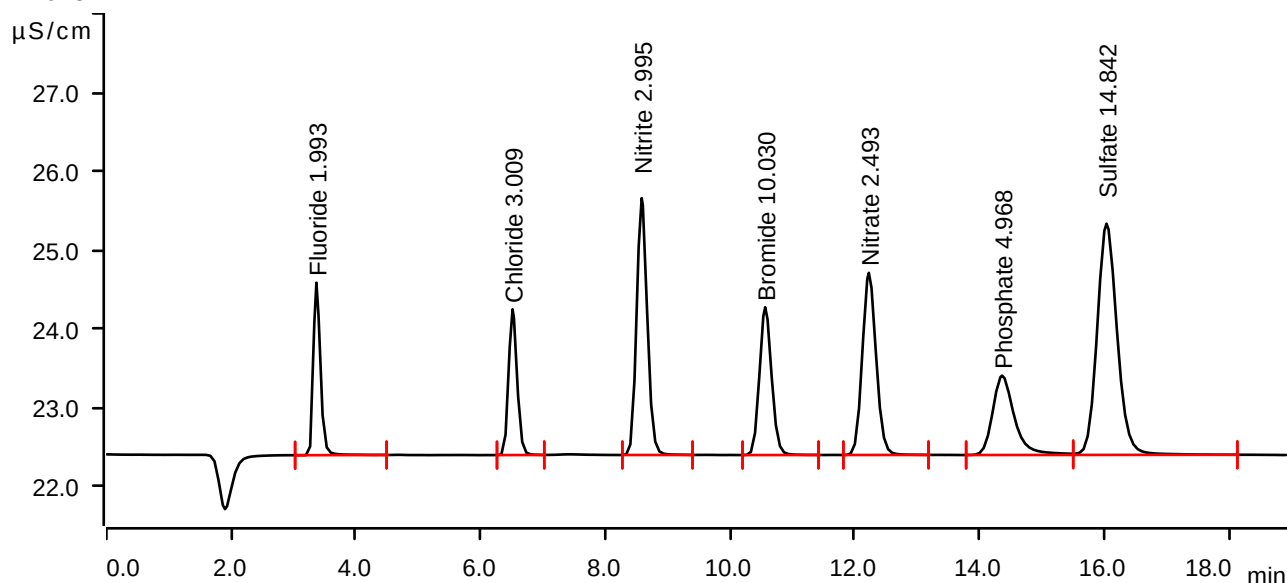
Sample data

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

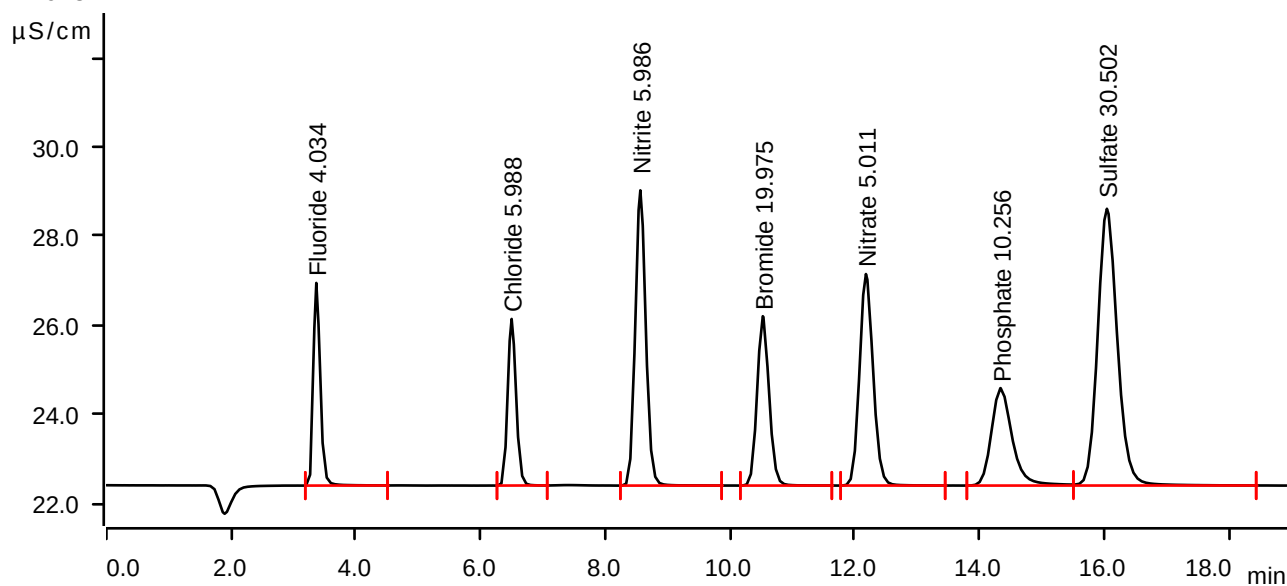
Sample data

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

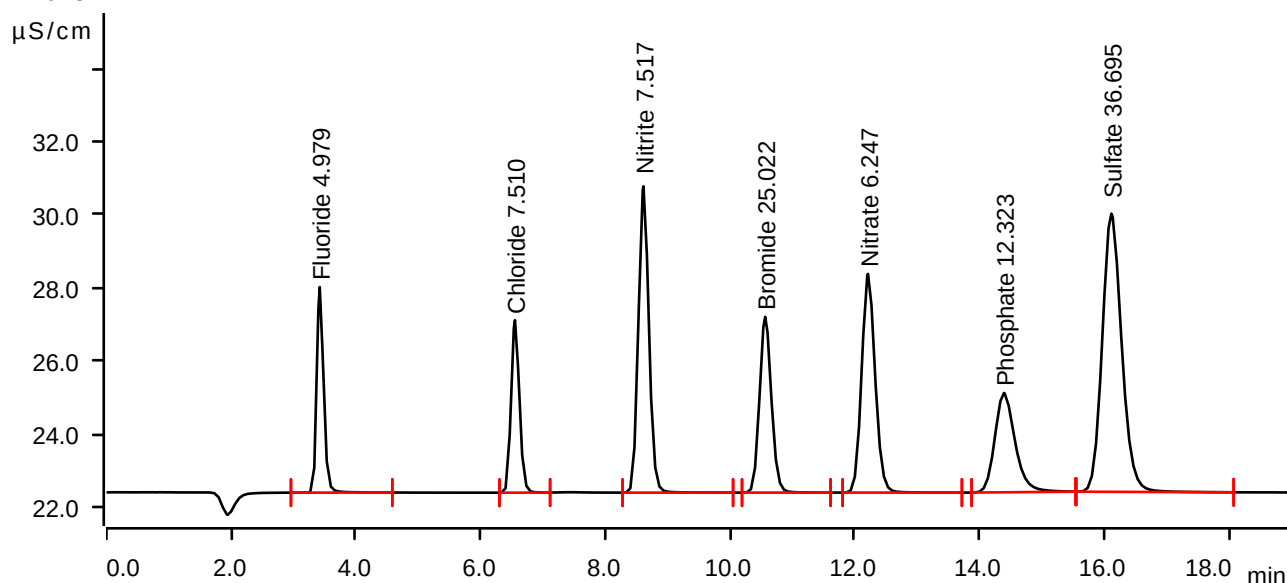
Sample data

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

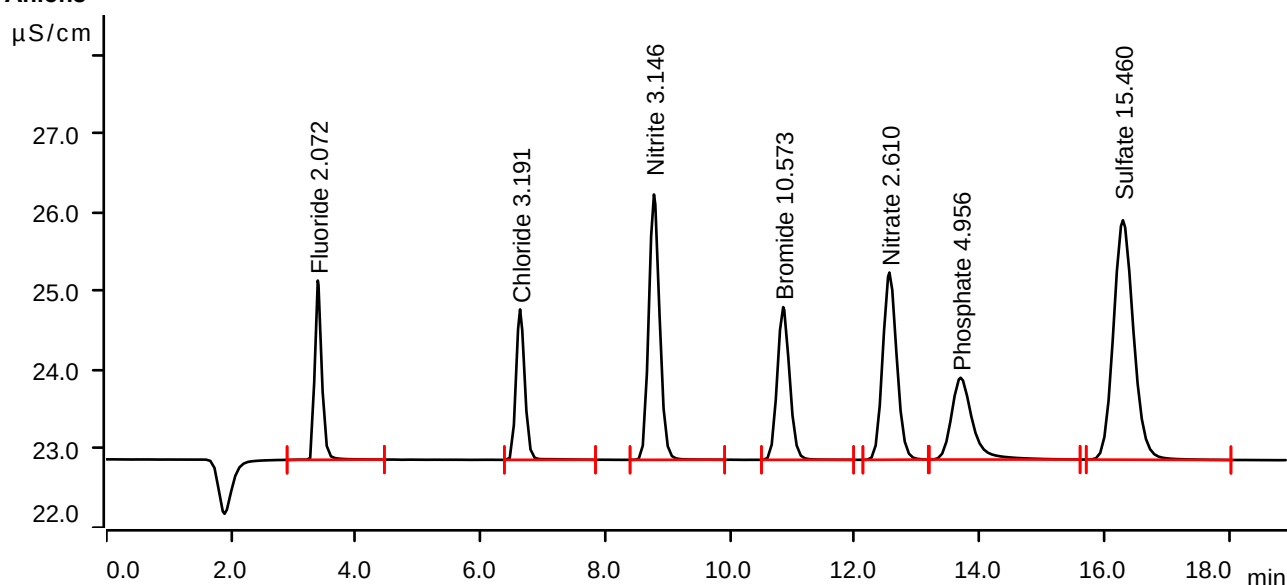
Sample data

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



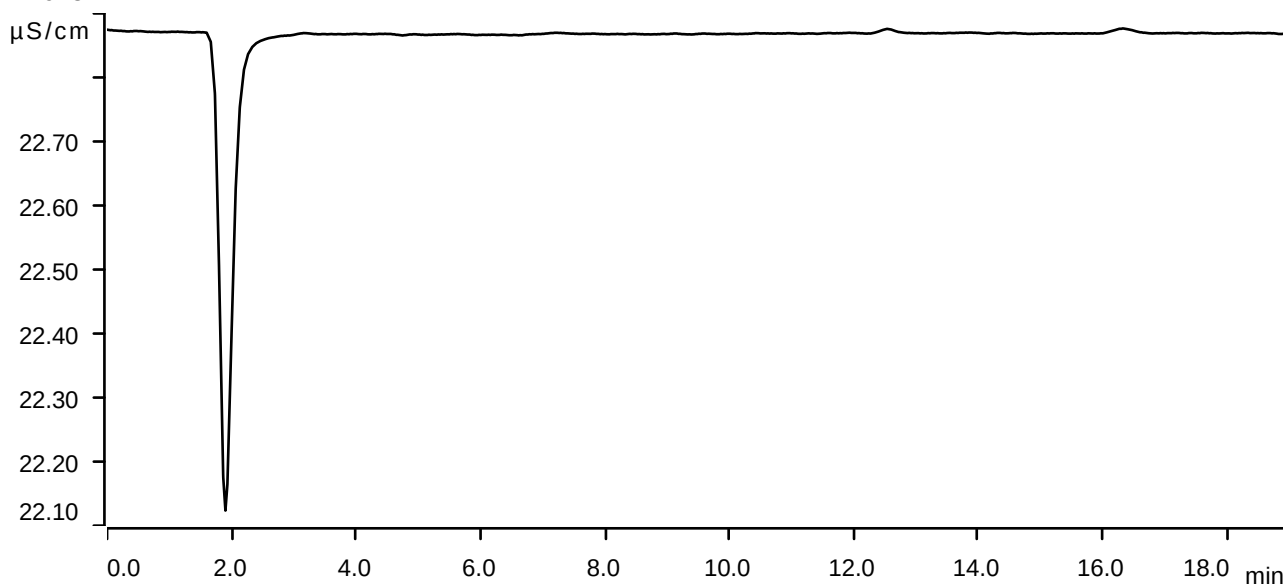
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.390	0.2958	2.274	2.072	Fluoride
2	6.633	0.3086	1.909	3.191	Chloride
3	8.780	0.6786	3.367	3.146	Nitrite
4	10.852	0.4460	1.938	10.573	Bromide
5	12.555	0.6214	2.375	2.610	Nitrate
6	13.697	0.4073	1.038	4.956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

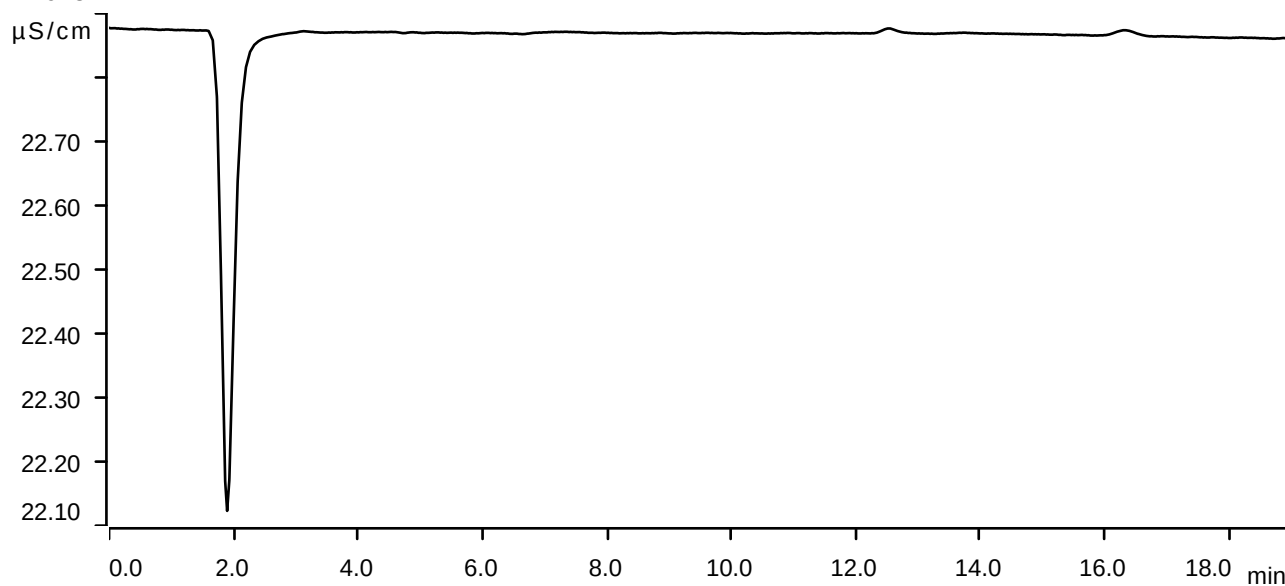
Anions

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

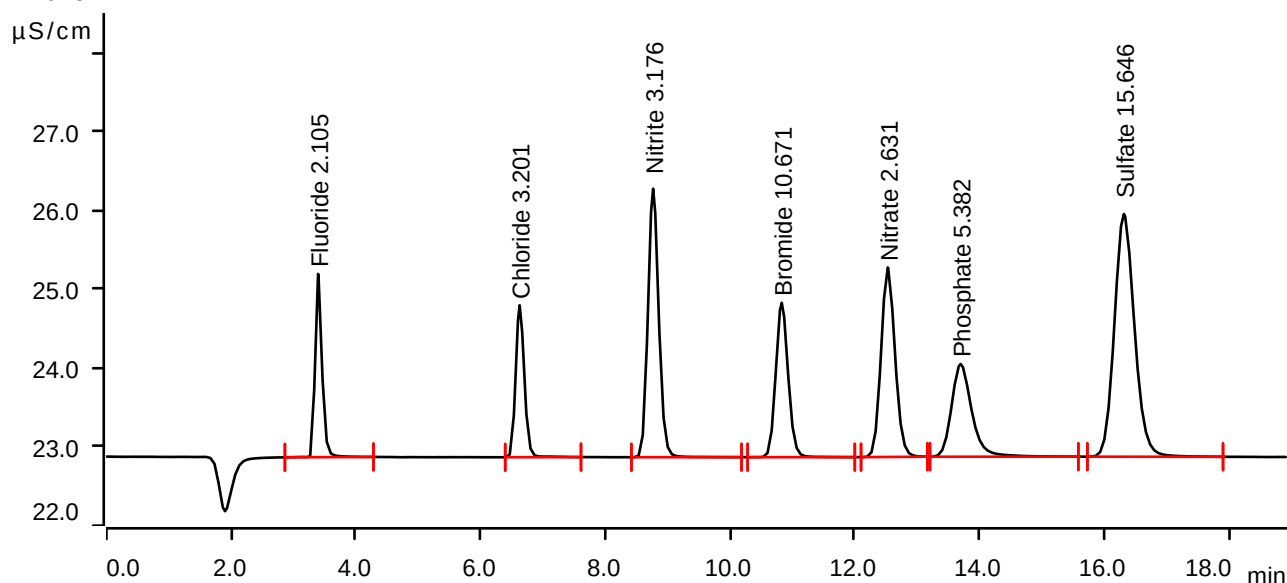
Sample data

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

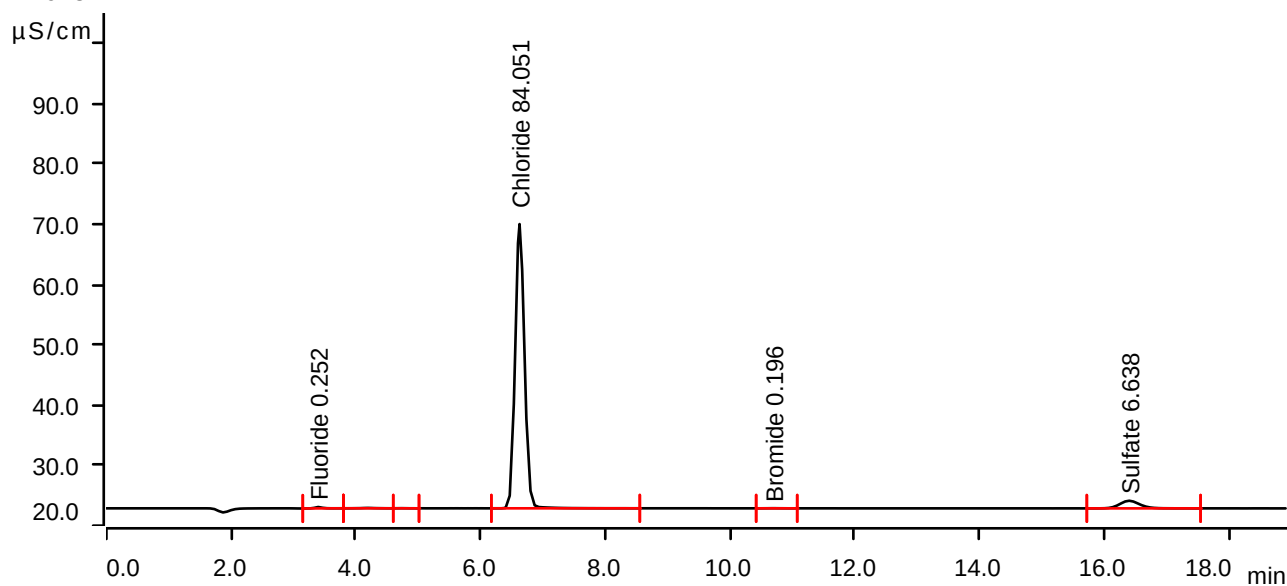
Sample data

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

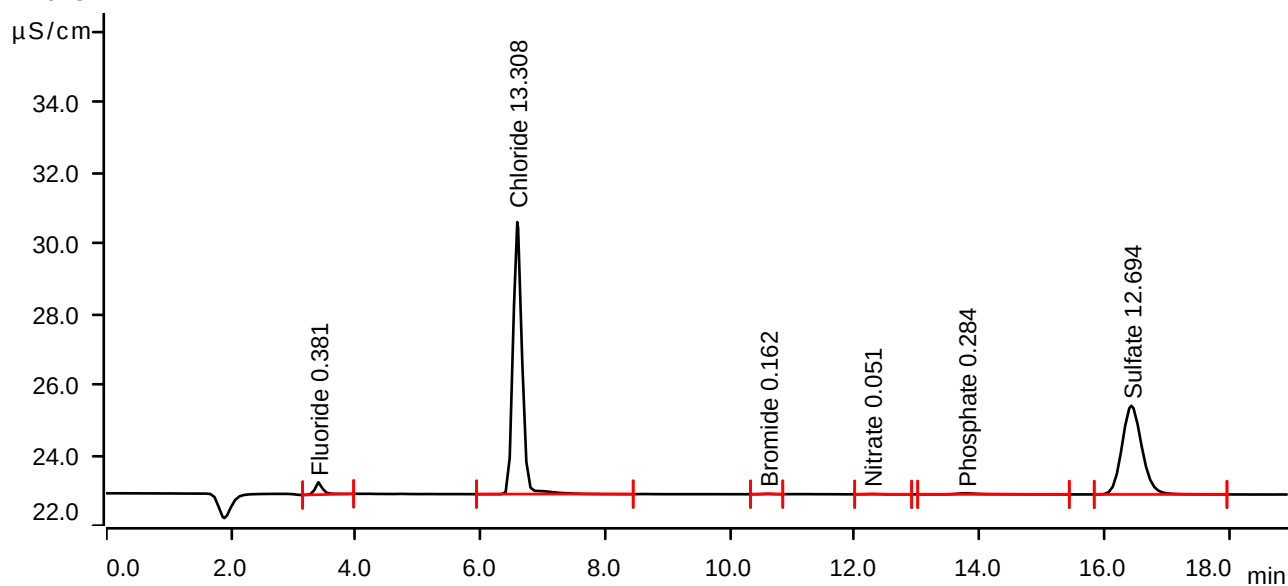
Sample data

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

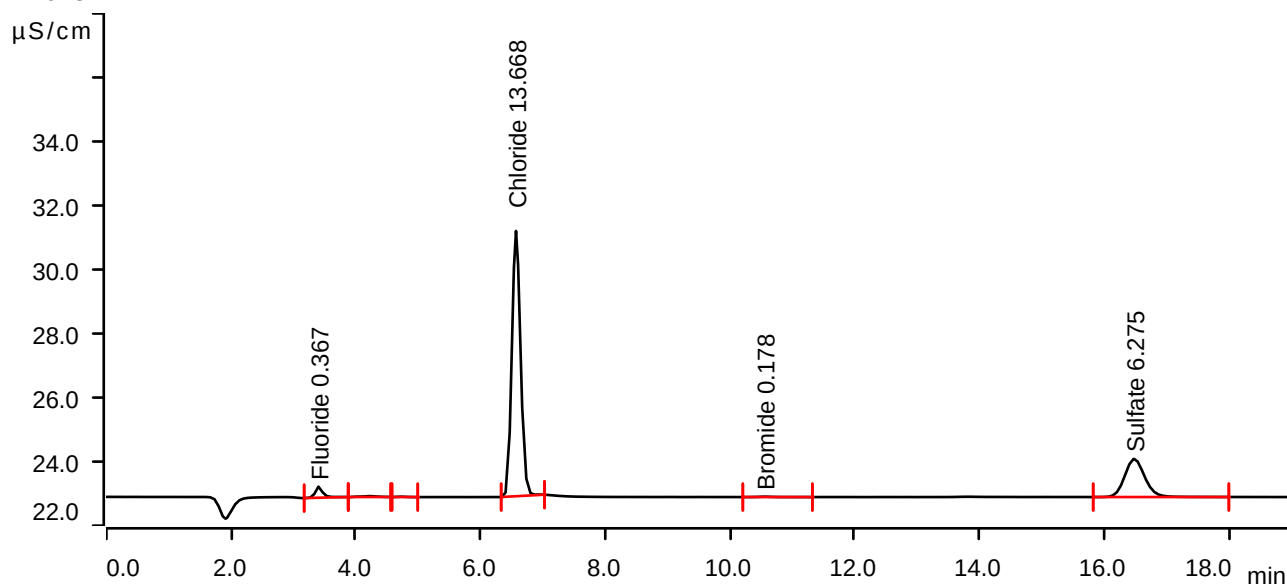
Sample data

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

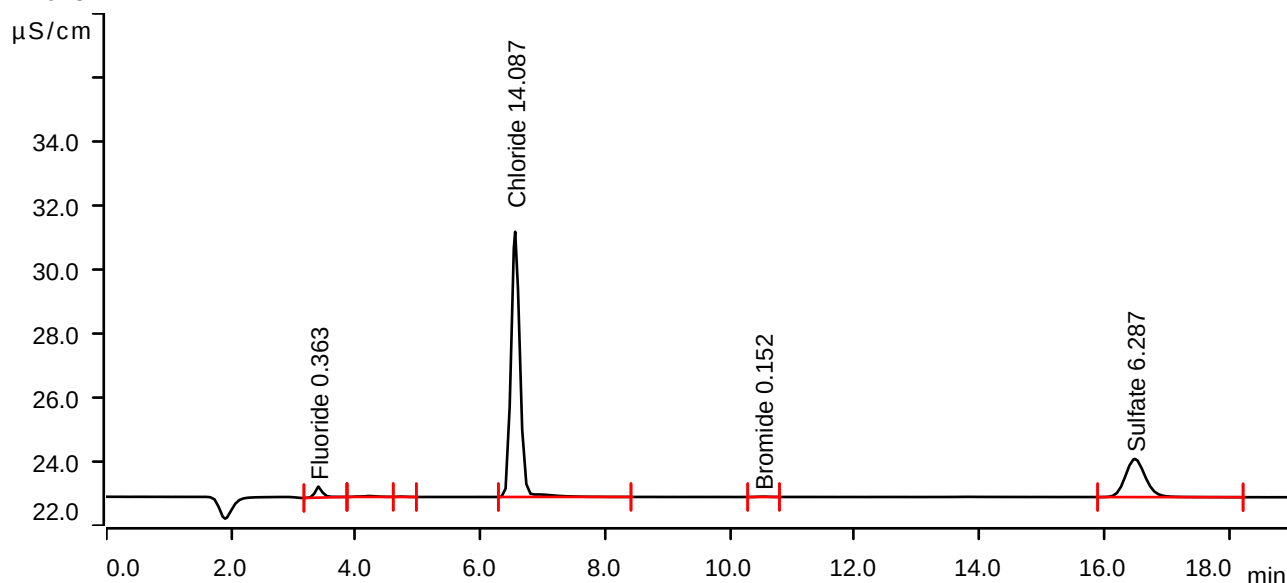
Sample data

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

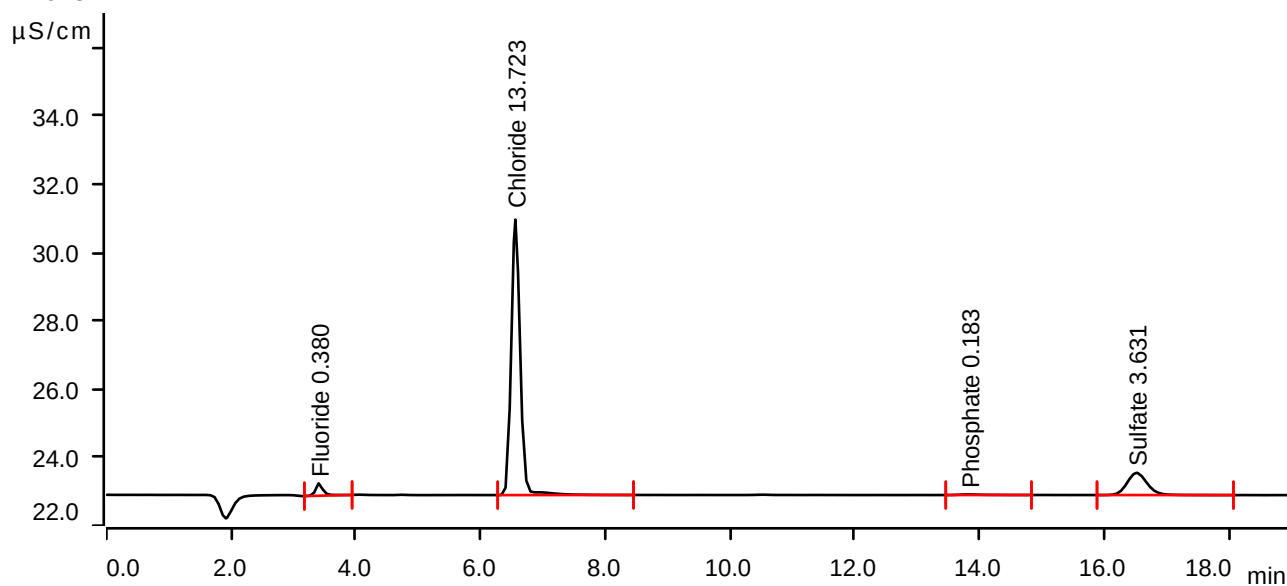
Sample data

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

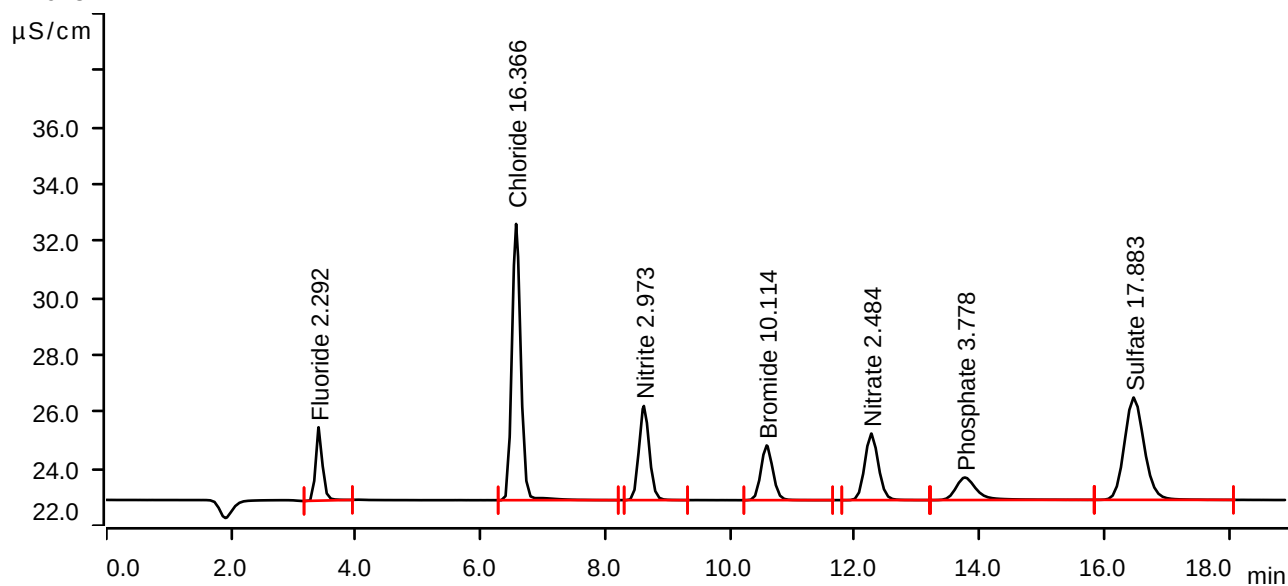
Sample data

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

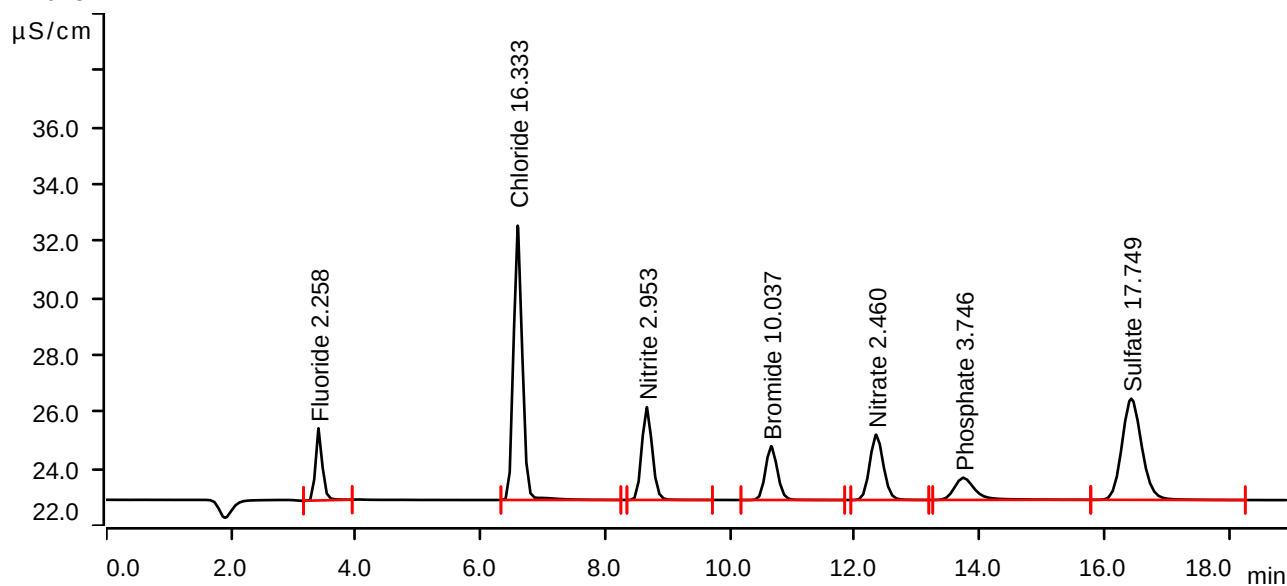
Sample data

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

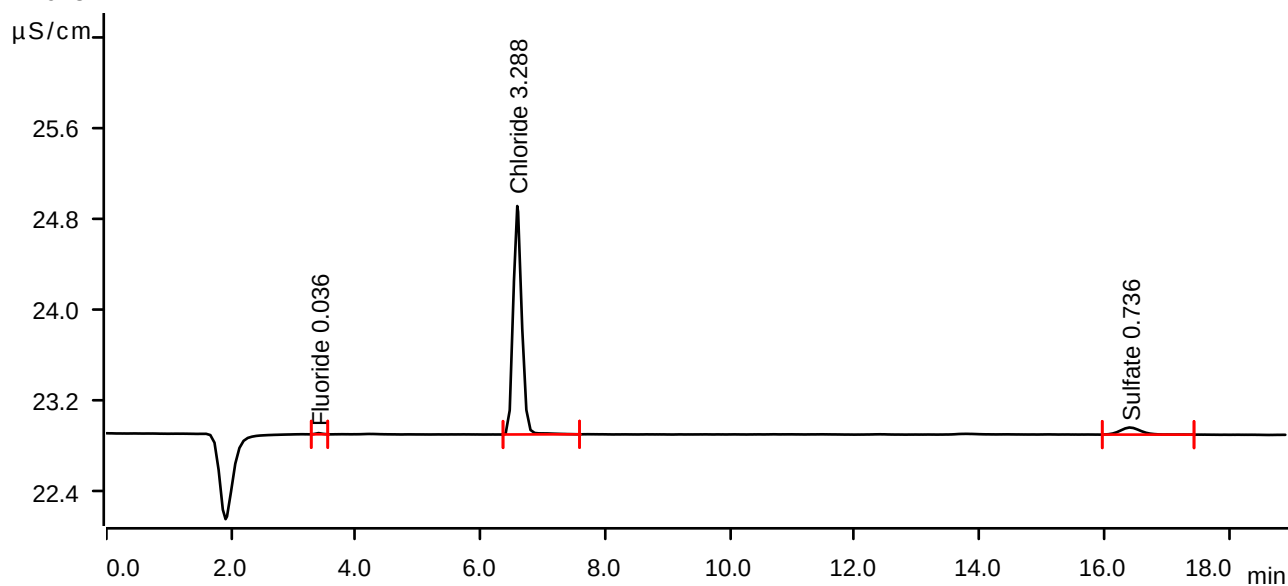
Sample data

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

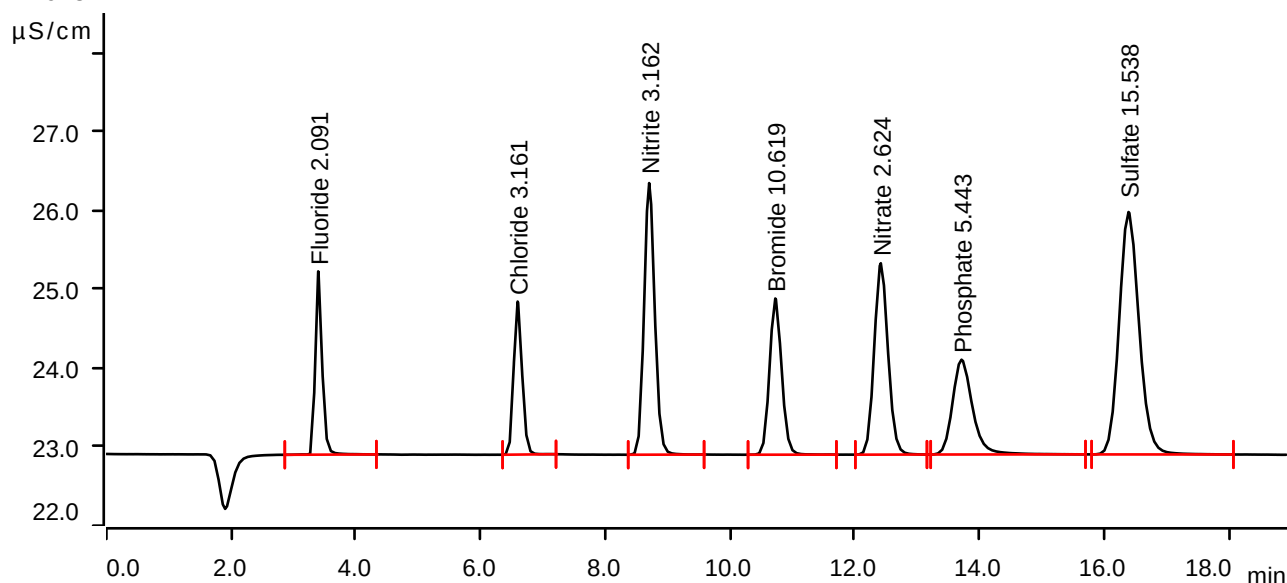
Sample data

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



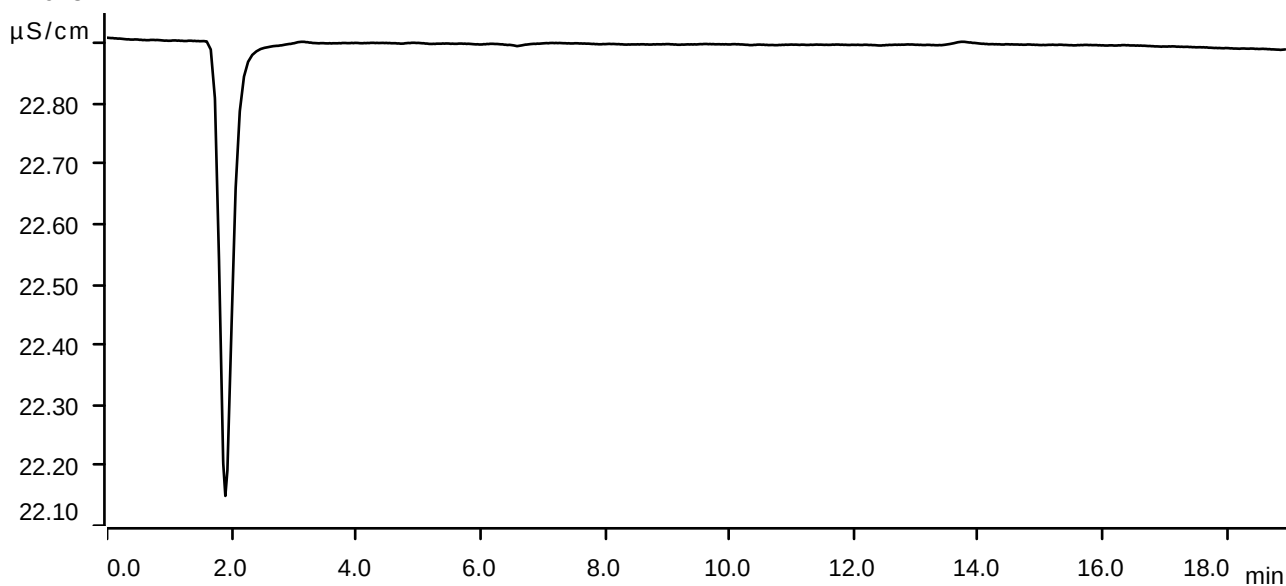
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.397	0.2985	2.325	2.091	Fluoride
2	6.593	0.3056	1.942	3.161	Chloride
3	8.703	0.6821	3.447	3.162	Nitrite
4	10.725	0.4480	1.982	10.619	Bromide
5	12.417	0.6248	2.428	2.624	Nitrate
6	13.710	0.4480	1.203	5.443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

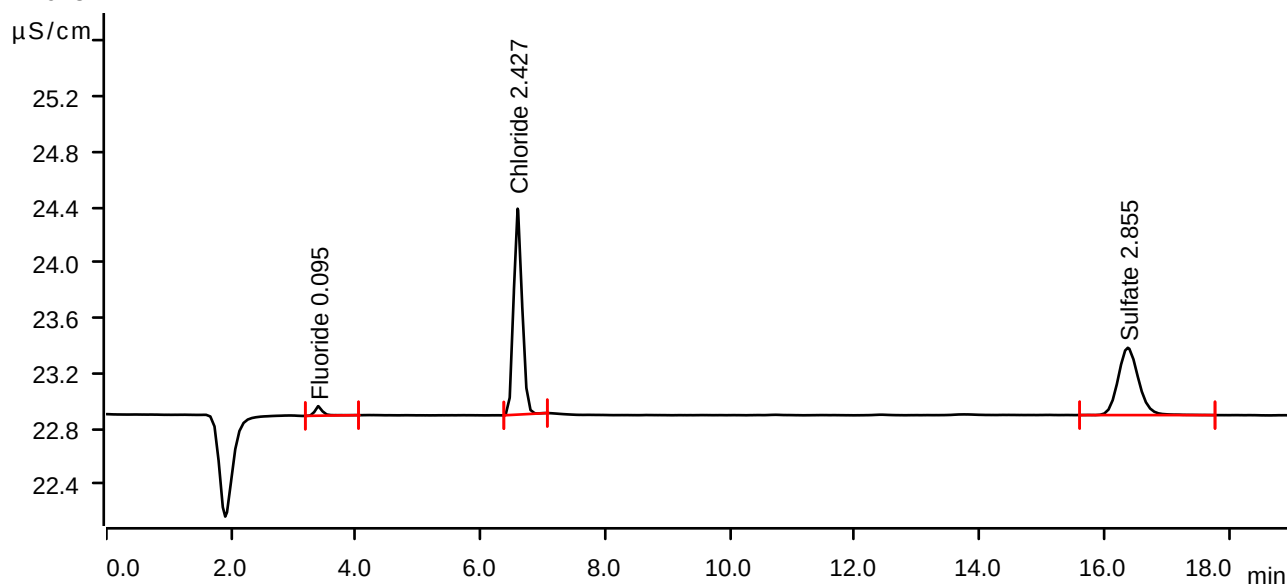
Sample data

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

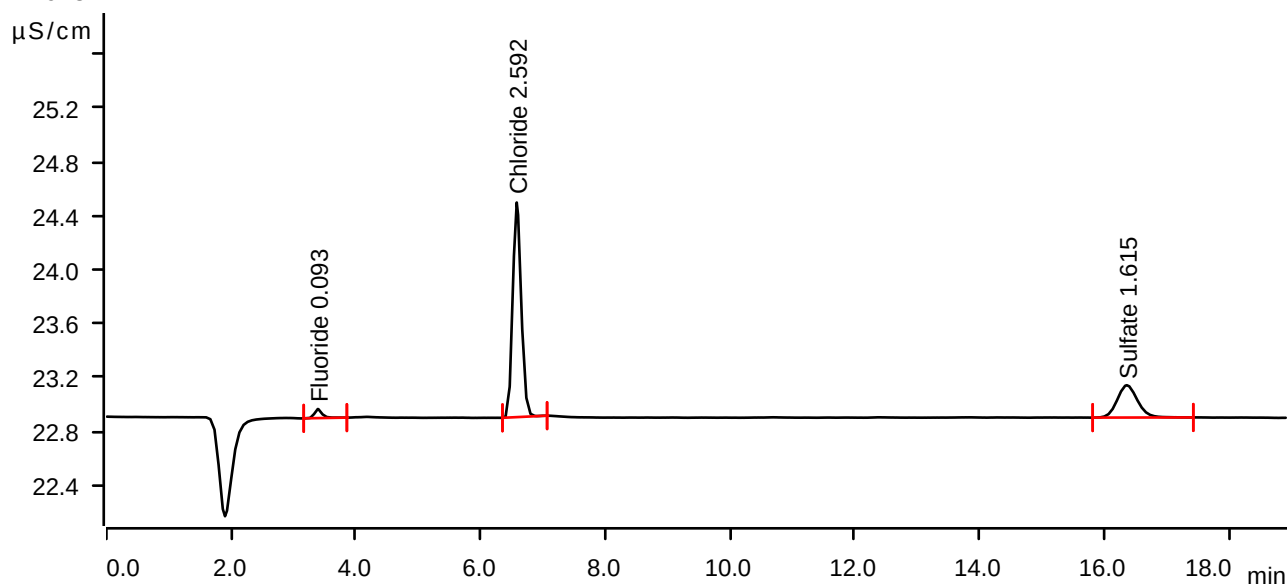
Sample data

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

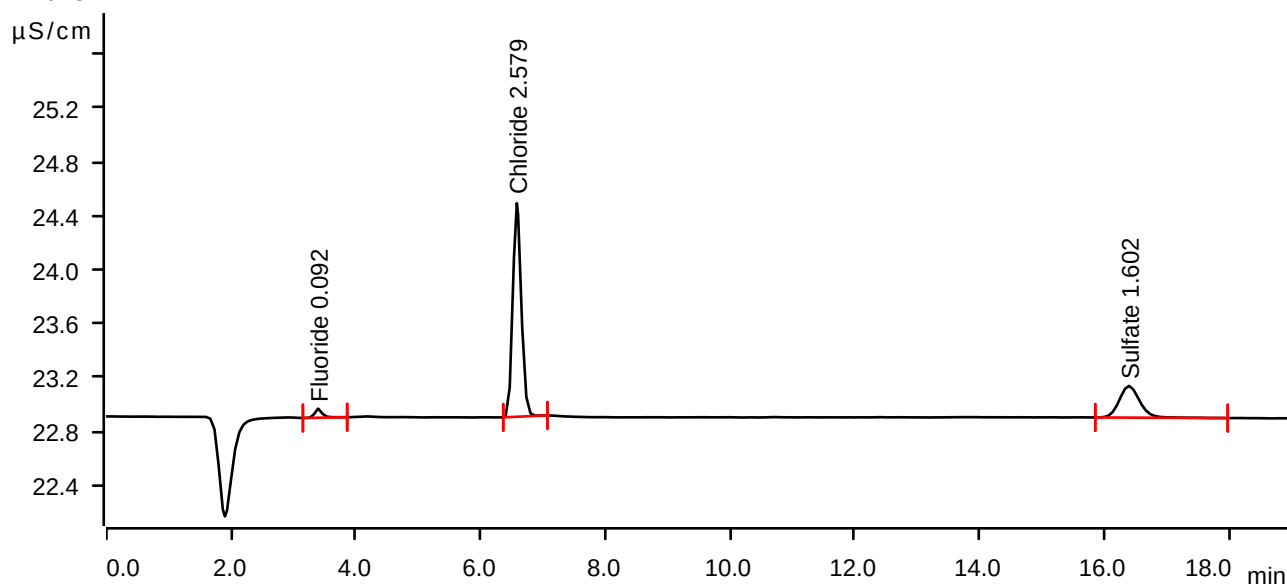
Sample data

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

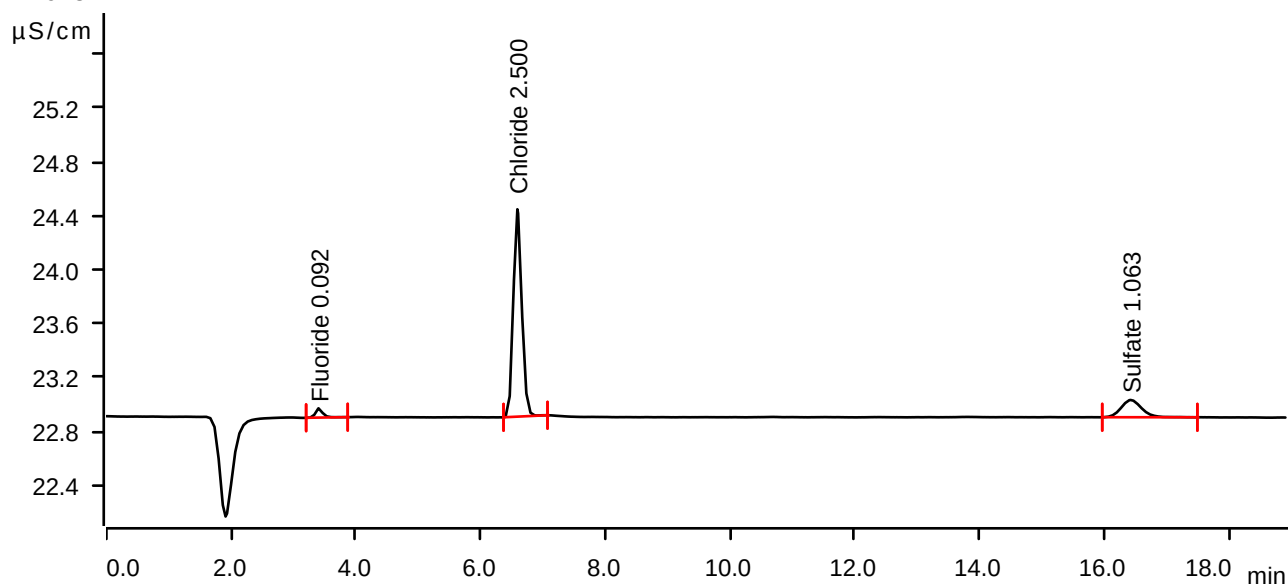
Sample data

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

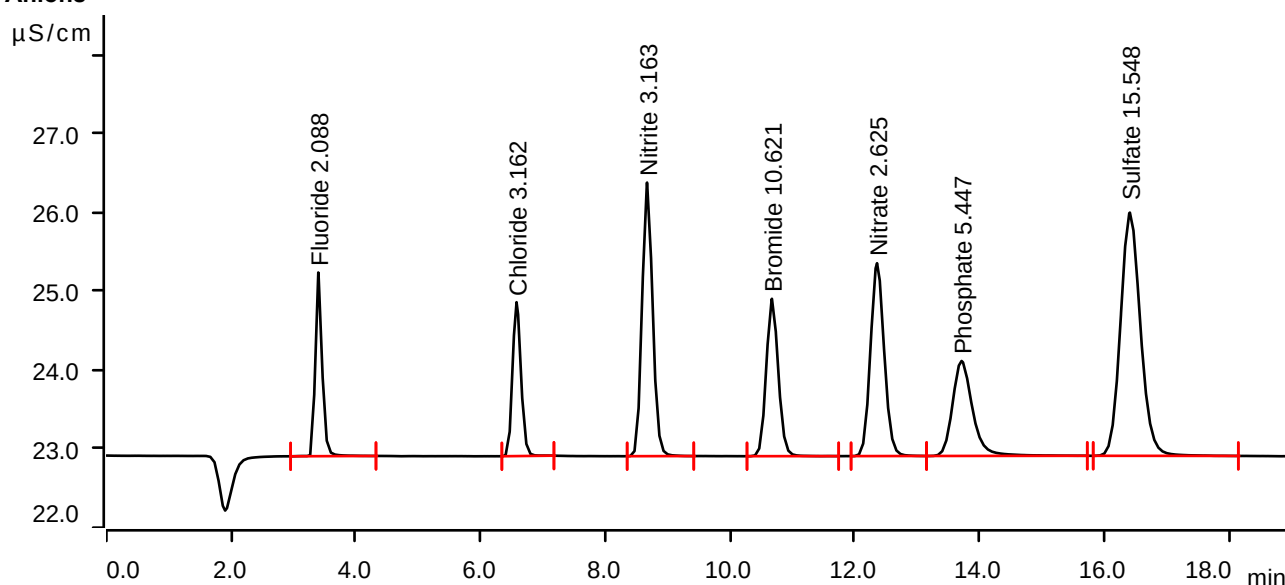
Sample data

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



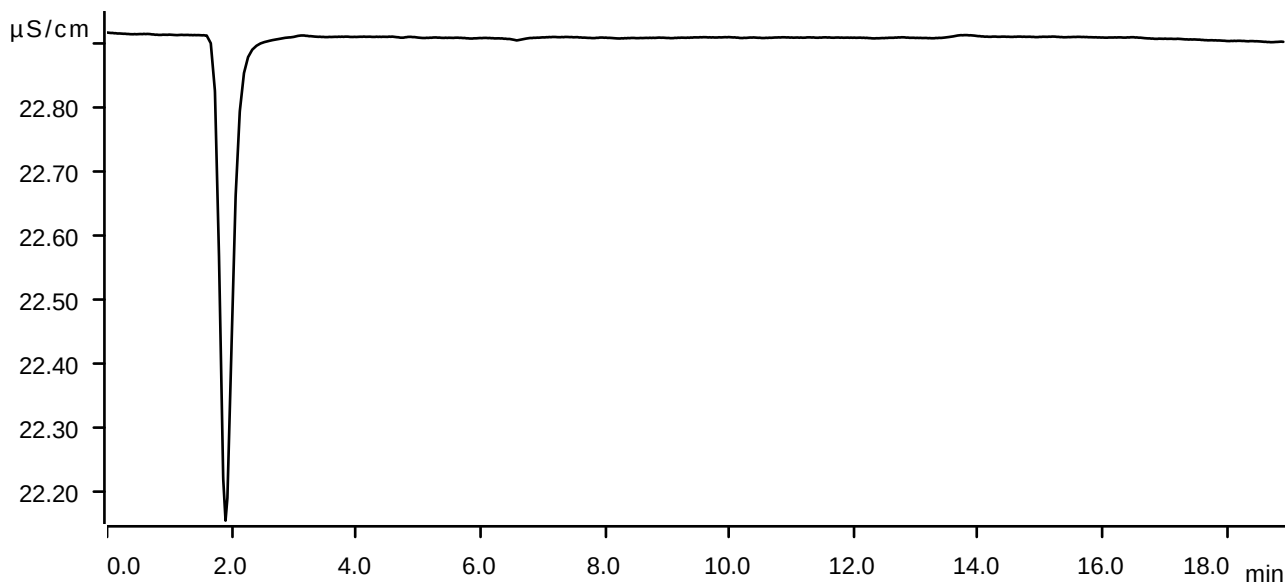
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.398	0.2981	2.331	2.088	Fluoride
2	6.577	0.3057	1.953	3.162	Chloride
3	8.670	0.6823	3.472	3.163	Nitrite
4	10.672	0.4481	1.997	10.621	Bromide
5	12.357	0.6252	2.447	2.625	Nitrate
6	13.712	0.4483	1.205	5.447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

Date/Time 04.02.2025 15:00
 Raw Sample Received by: NF(WC)
 Raw Sample Relinquished by: NF(WC)