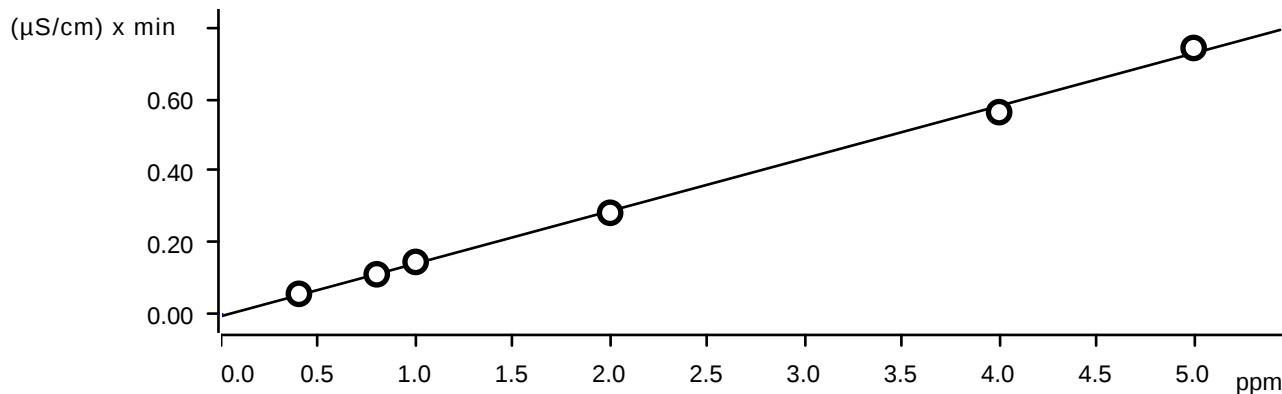


Ident	Con F-	Con CL-	Con NO ₂	Con BR-	Con NO ₃	Con HPC	Con SO ₄	Method name	date time	Initial wt/Final Vol	Analyst
STD1	0	0	0	0	0	0	0	IC1-101624	10/16/2024 10:55	10	NF/IZ
STD2	0.424	0.632	0.639	2.106	0.535	1.072	3.276	IC1-101624	10/16/2024 11:17	10	NF/IZ
STD3	0.796	1.206	1.205	4.013	1	2	6.052	IC1-101624	10/16/2024 11:38	10	NF/IZ
STD4	1.032	1.537	1.531	5.116	1.277	2.557	7.662	IC1-101624	10/16/2024 11:59	10	NF/IZ
STD5	1.966	2.927	2.921	9.77	2.439	4.871	14.51	IC1-101624	10/16/2024 12:21	10	NF/IZ
STD6	3.88	5.901	5.91	19.683	4.912	9.831	29.286	IC1-101624	10/16/2024 12:42	10	NF/IZ
STD7	5.102	7.598	7.593	25.312	6.337	12.67	37.714	IC1-101624	10/16/2024 13:04	10	NF/IZ
ICV	1.966	2.997	3	9.969	2.497	4.753	14.85	IC1-101624	10/16/2024 13:37	10	NF/IZ
ICB	0	0	0	0	0	0	0	IC1-101624	10/16/2024 13:59	10	NF/IZ
CCV	2.068	3.1	3.098	10.357	2.59	5.075	15.273	IC1-101624	11/5/2024 9:20	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-101624	11/5/2024 9:42	10	NF/IZ
LB133290BLW	0	0	0	0	0	0	0	IC1-101624	11/5/2024 10:03	5.00g/100ML	NF/IZ
LB133290BSW	2.071	3.11	3.109	10.412	2.603	5.136	15.319	IC1-101624	11/5/2024 10:25	5.00g/100ML	NF/IZ
P4495-25	0	0	7.452	0	0	0	0	IC1-101624	11/5/2024 11:08	5.00g/100ML	NF/IZ
P4495-01	6.266	36.138	0	4.228	13.951	9.563	87.875	IC1-101624	11/5/2024 11:29	5.00g/100ML	NF/IZ
P4495-01DLX5	1.212	6.591	0	0.987	2.671	1.932	16.531	IC1-101624	11/5/2024 11:51	5.00g/100ML	NF/IZ
P4675-01	0.237	1.423	0	0	0	0	2.606	IC1-101624	11/5/2024 13:21	5.01g/100ML	NF/IZ
P4675-01MS	1.927	4.943	3.035	10.132	2.553	3.405	17.338	IC1-101624	11/5/2024 13:43	5.02g/100ML	NF/IZ
P4675-01MSD	1.91	4.952	3.037	10.116	2.558	3.37	17.358	IC1-101624	11/5/2024 14:04	5.05g/100ML	NF/IZ
P4675-02	0.426	4.711	0	0	0	0	1.266	IC1-101624	11/5/2024 14:26	5.04g/100ML	NF/IZ
P4675-03	0.309	1.187	0	0	0	0	2.966	IC1-101624	11/5/2024 14:47	5.02g/100ML	NF/IZ
CCV	2.049	3.117	3.12	10.398	2.608	5.147	15.431	IC1-101624	11/5/2024 15:09	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-101624	11/5/2024 15:30	10	NF/IZ
P4675-04	0.276	0.134	0	0	0.087	0	0.922	IC1-101624	11/5/2024 15:52	5.04g/100ML	NF/IZ
P4675-05	0.188	0.168	0	0	0.088	0	1.606	IC1-101624	11/5/2024 16:13	5.04g/100ML	NF/IZ
P4675-06	0.319	1.063	0	0	0.1	0	1.551	IC1-101624	11/5/2024 16:35	5.02g/100ML	NF/IZ
CCV	2.077	3.121	3.116	10.424	2.61	5.131	15.359	IC1-101624	11/5/2024 16:56	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-101624	11/5/2024 17:18	10	NF/IZ

Clear table

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

ident	concentratio tion F-	concentratio n CL-	concentratio on NO2	concentratio on BR-	concentratio on NO3	concentratio n HPO4	concentratio on SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-101624	10/16/2024 10:55	10	NF/IZ
STD2	0.424	0.632	0.639	2.106	0.535	1.072	3.276	IC1-101624	10/16/2024 11:17	10	NF/IZ
STD3	0.796	1.206	1.205	4.013	1.000	2.000	6.052	IC1-101624	10/16/2024 11:38	10	NF/IZ
STD4	1.032	1.537	1.531	5.116	1.277	2.557	7.662	IC1-101624	10/16/2024 11:59	10	NF/IZ
STD5	1.966	2.927	2.921	9.77	2.439	4.871	14.51	IC1-101624	10/16/2024 12:21	10	NF/IZ
STD6	3.88	5.901	5.91	19.683	4.912	9.831	29.286	IC1-101624	10/16/2024 12:42	10	NF/IZ
STD7	5.102	7.598	7.593	25.312	6.337	12.67	37.714	IC1-101624	10/16/2024 13:04	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	6.0000	5.3333	6.5000	5.3000	7.0000	7.2000	9.2000				
STD3	-0.5000	0.5000	0.4167	0.3250	0.0000	0.0000	0.8667				
STD4	3.2000	2.4667	2.0667	2.3200	2.1600	2.2800	2.1600				
STD5	-1.7000	-2.4333	-2.6333	-2.3000	-2.4400	-2.5800	-3.2667				
STD6	-3.0000	-1.6500	-1.5000	-1.5850	-1.7600	-1.6900	-2.3800				
STD7	2.0400	1.3067	1.2400	1.2480	1.3920	1.3600	1.9297				

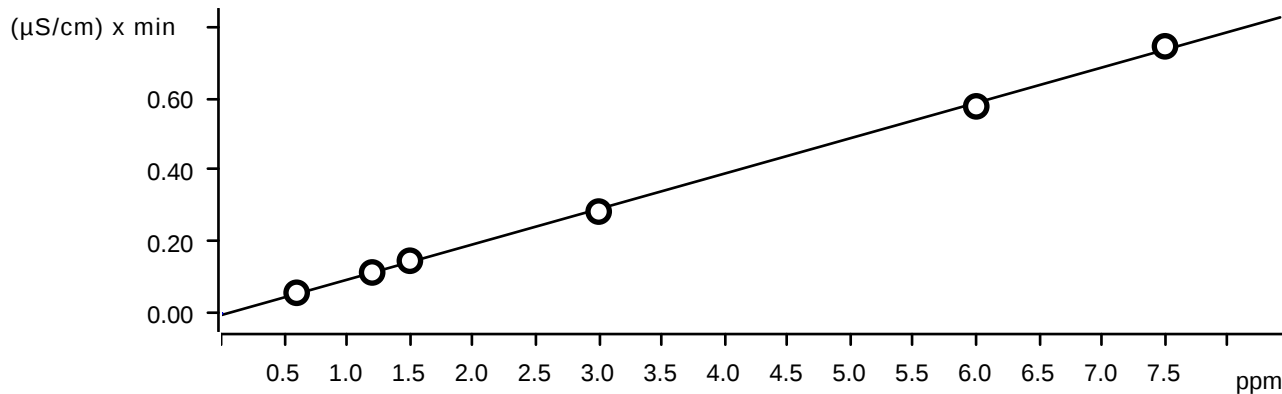
Fluoride (Anions)

Function: $A = -5.06114E-3 + 0.0146570 \times Q$

Relative standard deviation 3.824450 %

Correlation coefficient 0.999229

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.057	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.112	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.146	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.283	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.564	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.743	STD7	2024-10-16 13:04:15 UTC-4	used

Chloride (Anions)

Function: $A = -4.66155E-3 + 9.86442E-3 \times Q$

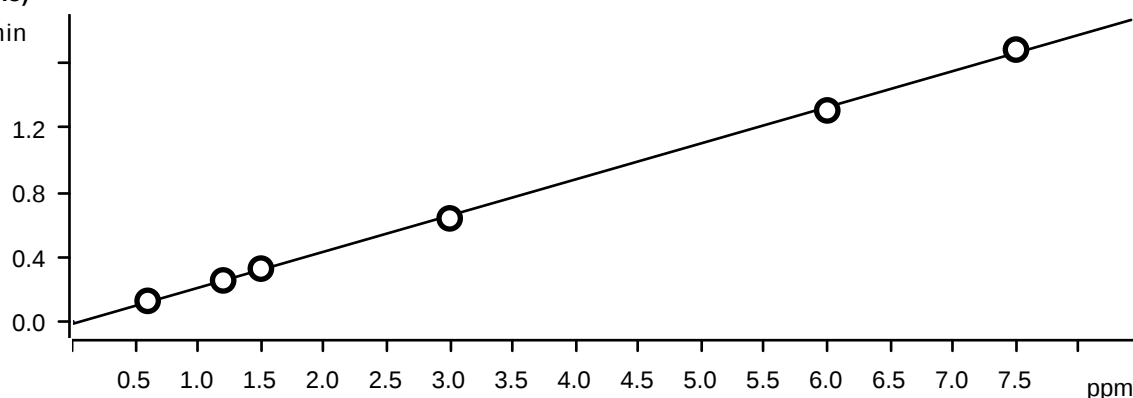
Relative standard deviation 2.532075 %

Correlation coefficient 0.999661

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.058	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.114	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.147	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.284	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.577	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.745	STD7	2024-10-16 13:04:15 UTC-4	used

Nitrite (Anions)

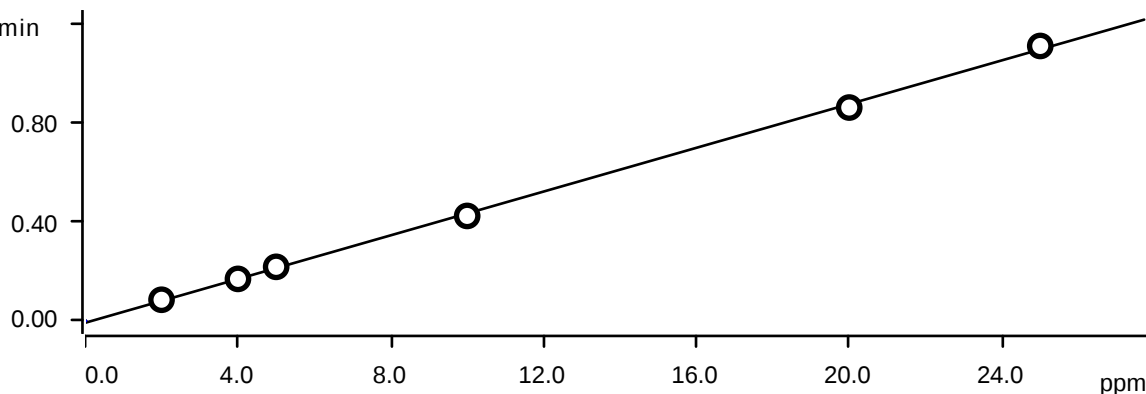
(μS/cm) x min

Function: $A = -0.0158639 + 0.0223869 \times Q$

Relative standard deviation 2.476730 %

Correlation coefficient 0.999680

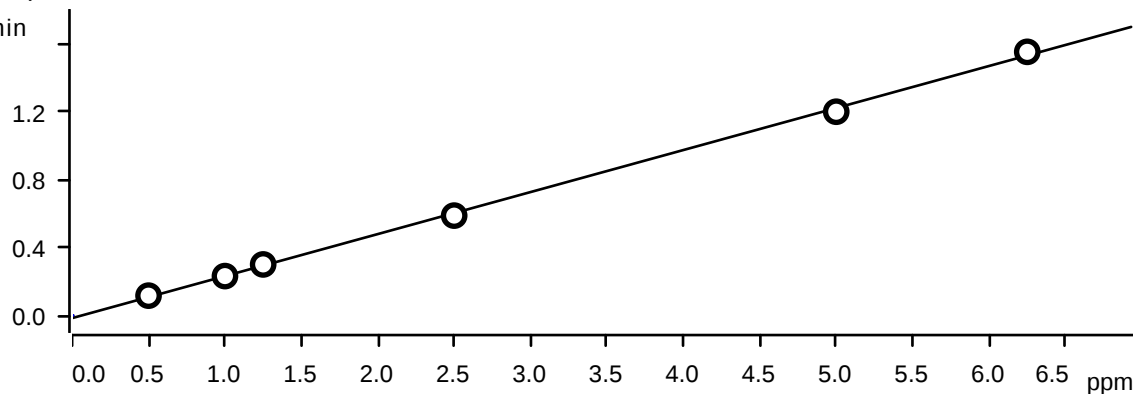
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.127	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.254	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.327	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.638	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.307	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.684	STD7	2024-10-16 13:04:15 UTC-4	used

Bromide (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -7.83486E-3 + 4.40426E-3 \times Q$

Relative standard deviation 2.425045 %

Correlation coefficient 0.999690

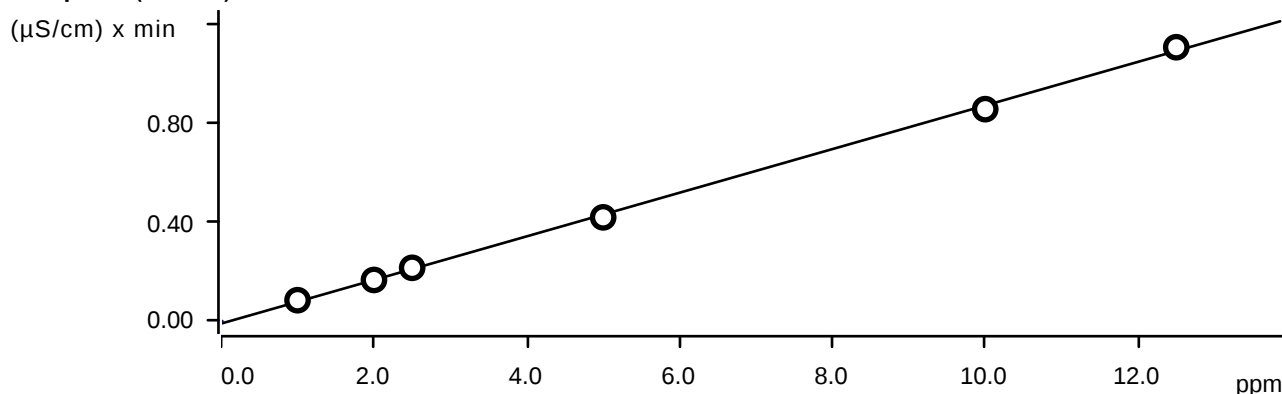
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.085	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.169	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.217	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.422	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.859	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.107	STD7	2024-10-16 13:04:15 UTC-4	used

Nitrate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0159932 + 0.0247327 \times Q$

Relative standard deviation 2.693966 %

Correlation coefficient 0.999623

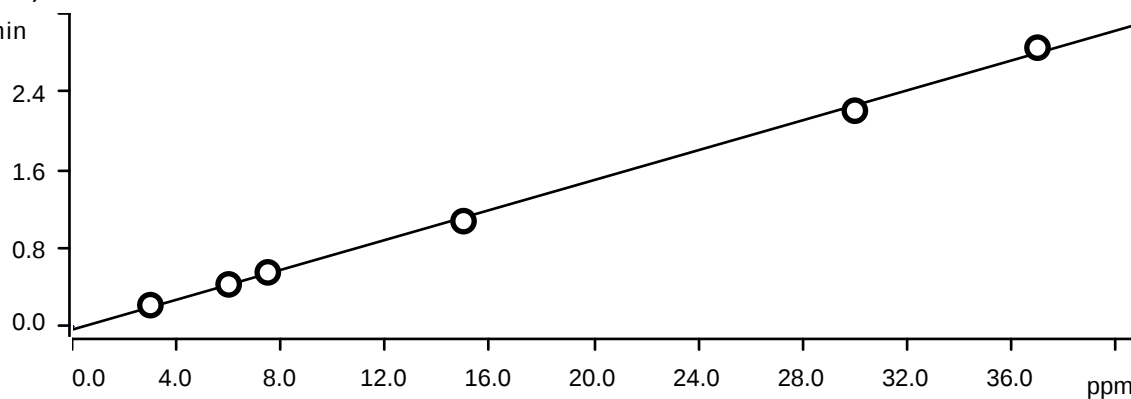
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.116	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.231	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.300	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.587	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.199	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.551	STD7	2024-10-16 13:04:15 UTC-4	used

Phosphate (Anions)Function: $A = -9.96170E-3 + 8.78405E-3 \times Q$

Relative standard deviation 2.667639 %

Correlation coefficient 0.999628

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.084	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.166	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.215	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.418	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.854	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.103	STD7	2024-10-16 13:04:15 UTC-4	used

Sulfate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0322401 + 7.64234E-3 \times Q$

Relative standard deviation 3.651427 %

Correlation coefficient 0.999303

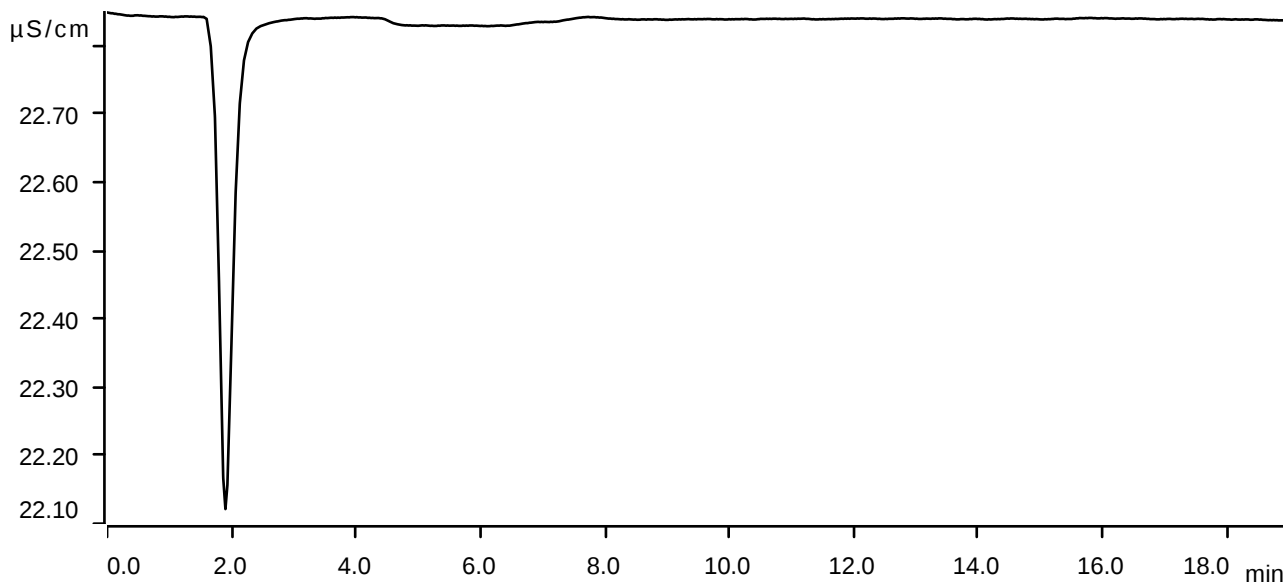
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2024-10-16 10:55:46 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.218	STD2	2024-10-16 11:17:08 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.430	STD3	2024-10-16 11:38:32 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.553	STD4	2024-10-16 11:59:57 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.077	STD5	2024-10-16 12:21:22 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.206	STD6	2024-10-16 12:42:48 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.850	STD7	2024-10-16 13:04:15 UTC-4	used

Sample data

Ident STD1
Sample type Standard 1
Determination start 2024-10-16 10:55:46 UTC-4
Method IC1-101624
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

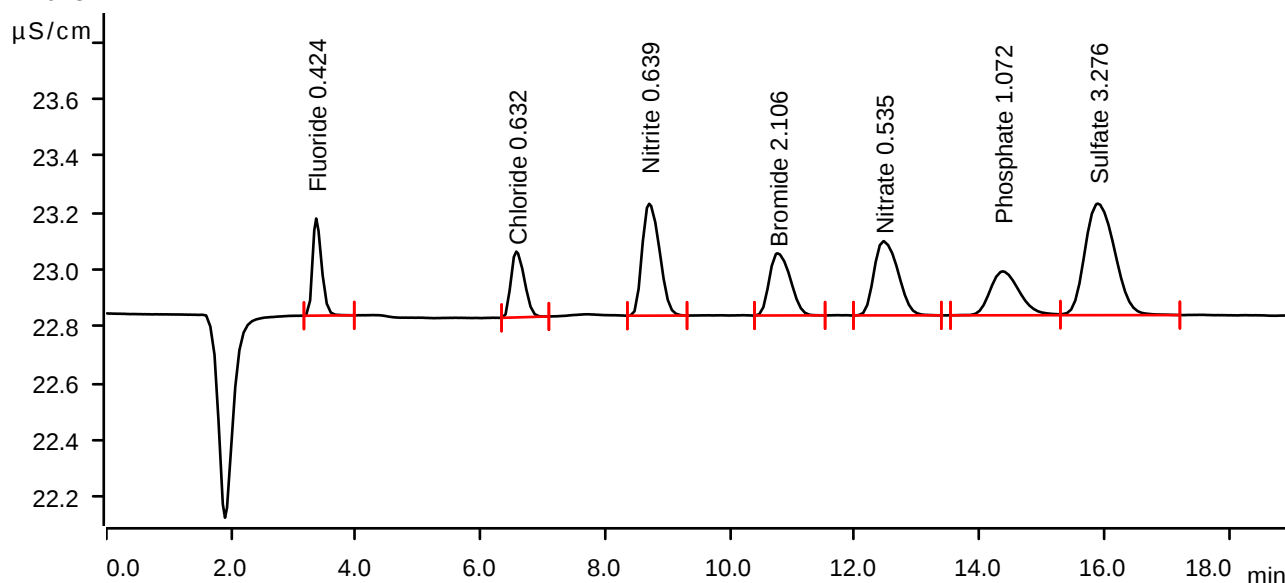
Sample data

Ident STD2
Sample type Standard 2
Determination start 2024-10-16 11:17:08 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.56 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.365	0.0571	0.341	0.424	Fluoride
2	6.573	0.0576	0.231	0.632	Chloride
3	8.703	0.1273	0.393	0.639	Nitrite
4	10.758	0.0849	0.219	2.106	Bromide
5	12.458	0.1163	0.261	0.535	Nitrate
6	14.368	0.0842	0.154	1.072	Phosphate
7	15.893	0.2181	0.392	3.276	Sulfate

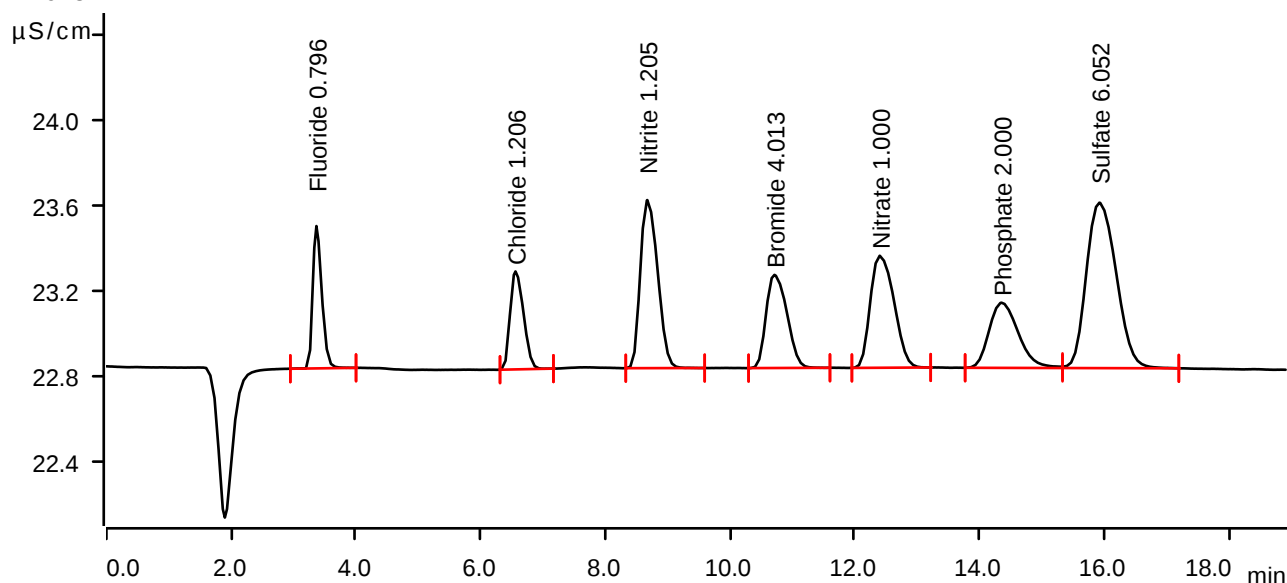
Sample data

Ident STD3
Sample type Standard 3
Determination start 2024-10-16 11:38:32 UTC-4
Method IC1-101624
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	3.368	0.1116	0.667	0.796	Fluoride
2	6.560	0.1143	0.459	1.206	Chloride
3	8.673	0.2538	0.788	1.205	Nitrite
4	10.712	0.1689	0.436	4.013	Bromide
5	12.398	0.2314	0.525	1.000	Nitrate
6	14.353	0.1657	0.305	2.000	Phosphate
7	15.922	0.4302	0.775	6.052	Sulfate

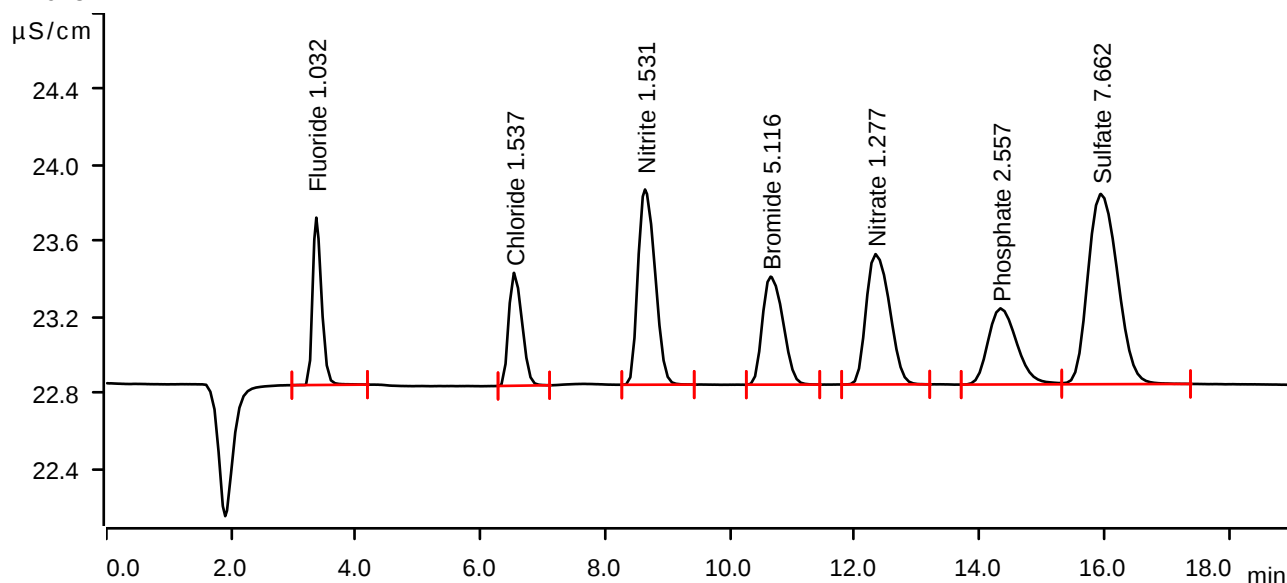
Sample data

Ident STD4
Sample type Standard 4
Determination start 2024-10-16 11:59:57 UTC-4
Method IC1-101624
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	3.367	0.1462	0.882	1.032	Fluoride
2	6.537	0.1469	0.595	1.537	Chloride
3	8.637	0.3270	1.029	1.531	Nitrite
4	10.650	0.2175	0.569	5.116	Bromide
5	12.332	0.2999	0.687	1.277	Nitrate
6	14.337	0.2147	0.401	2.557	Phosphate
7	15.945	0.5533	1.003	7.662	Sulfate

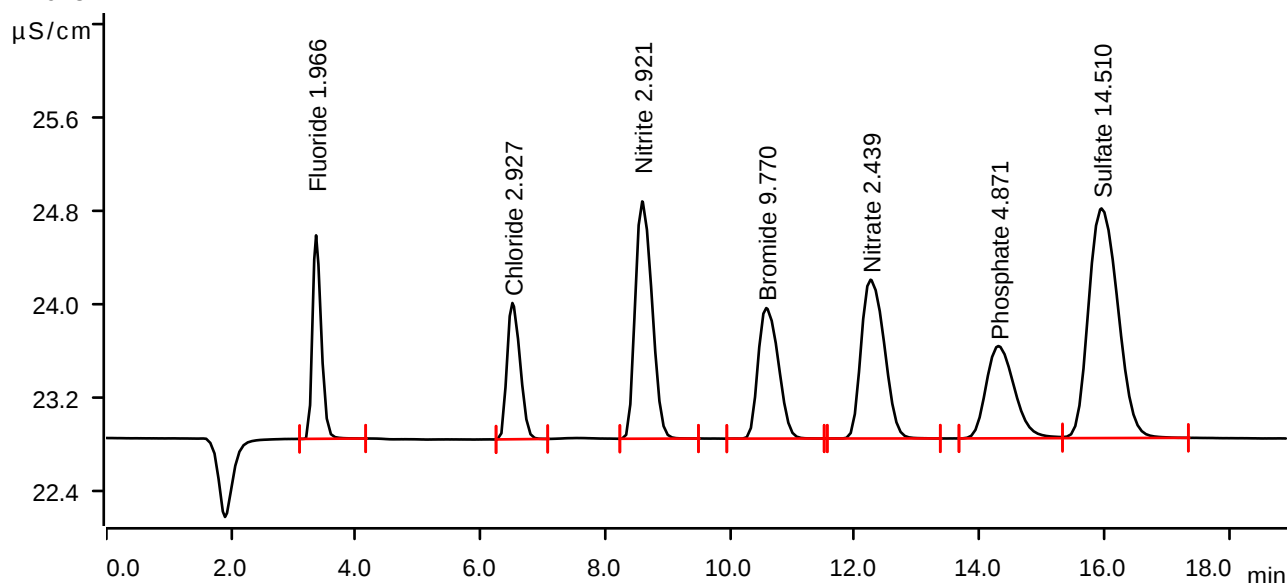
Sample data

Ident STD5
Sample type Standard 5
Determination start 2024-10-16 12:21:22 UTC-4
Method IC1-101624
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 11.99 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	0.2831	1.748	1.966	Fluoride
2	6.510	0.2841	1.170	2.927	Chloride
3	8.592	0.6381	2.038	2.921	Nitrite
4	10.580	0.4225	1.121	9.770	Bromide
5	12.252	0.5873	1.364	2.439	Nitrate
6	14.302	0.4179	0.793	4.871	Phosphate
7	15.955	1.0767	1.972	14.510	Sulfate

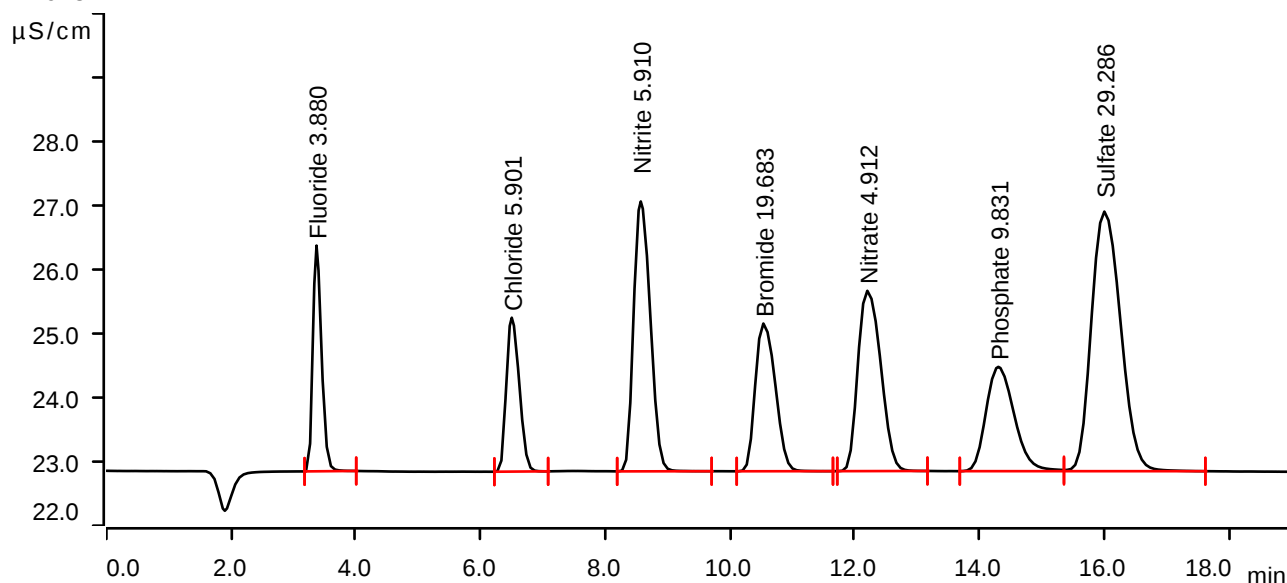
Sample data

Ident STD6
Sample type Standard 6
Determination start 2024-10-16 12:42:48 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.88 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.370	0.5637	3.525	3.880	Fluoride
2	6.500	0.5774	2.404	5.901	Chloride
3	8.568	1.3072	4.215	5.910	Nitrite
4	10.535	0.8590	2.306	19.683	Bromide
5	12.202	1.1988	2.815	4.912	Nitrate
6	14.302	0.8536	1.629	9.831	Phosphate
7	16.002	2.2059	4.054	29.286	Sulfate

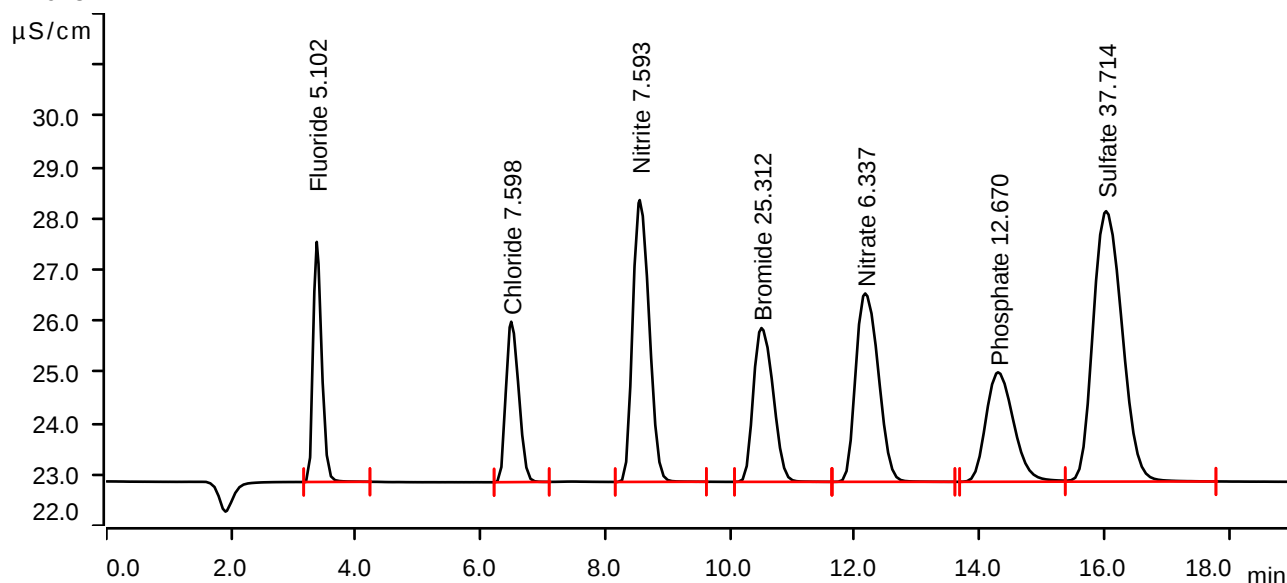
Sample data

Ident STD7
Sample type Standard 7
Determination start 2024-10-16 13:04:15 UTC-4
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.73 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.373	0.7427	4.687	5.102	Fluoride
2	6.492	0.7448	3.132	7.598	Chloride
3	8.552	1.6841	5.502	7.593	Nitrite
4	10.503	1.1070	3.003	25.312	Bromide
5	12.167	1.5512	3.678	6.337	Nitrate
6	14.297	1.1030	2.137	12.670	Phosphate
7	16.028	2.8500	5.280	37.714	Sulfate

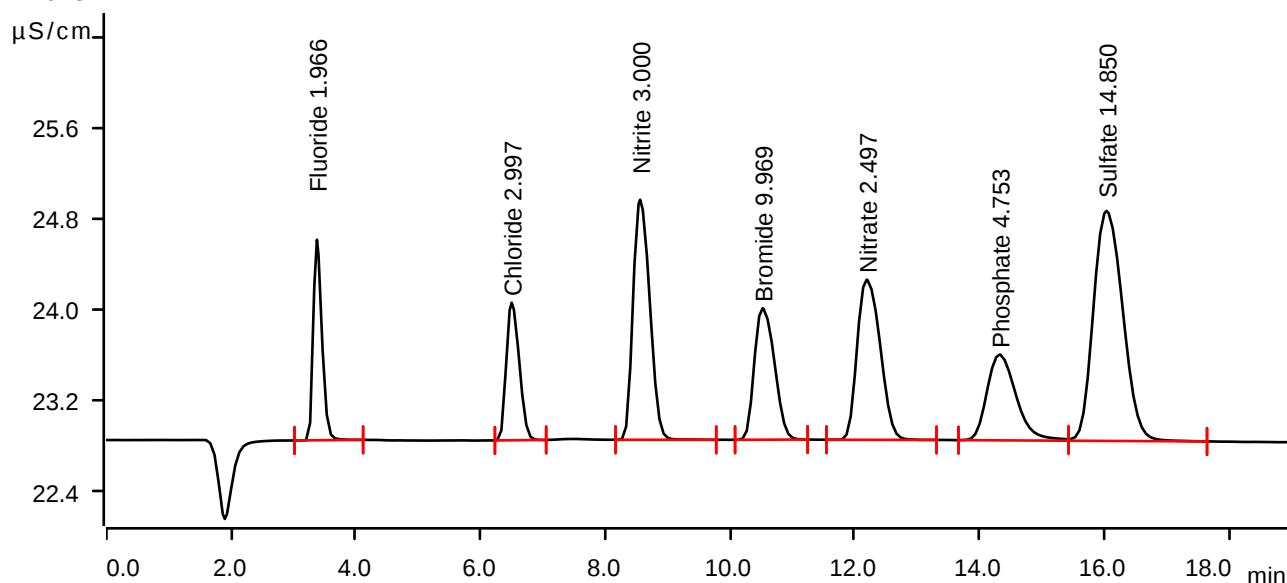
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2024-10-16 13:37:49 UTC-4
Method IC1-101624
Operator

Anions

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

Anions



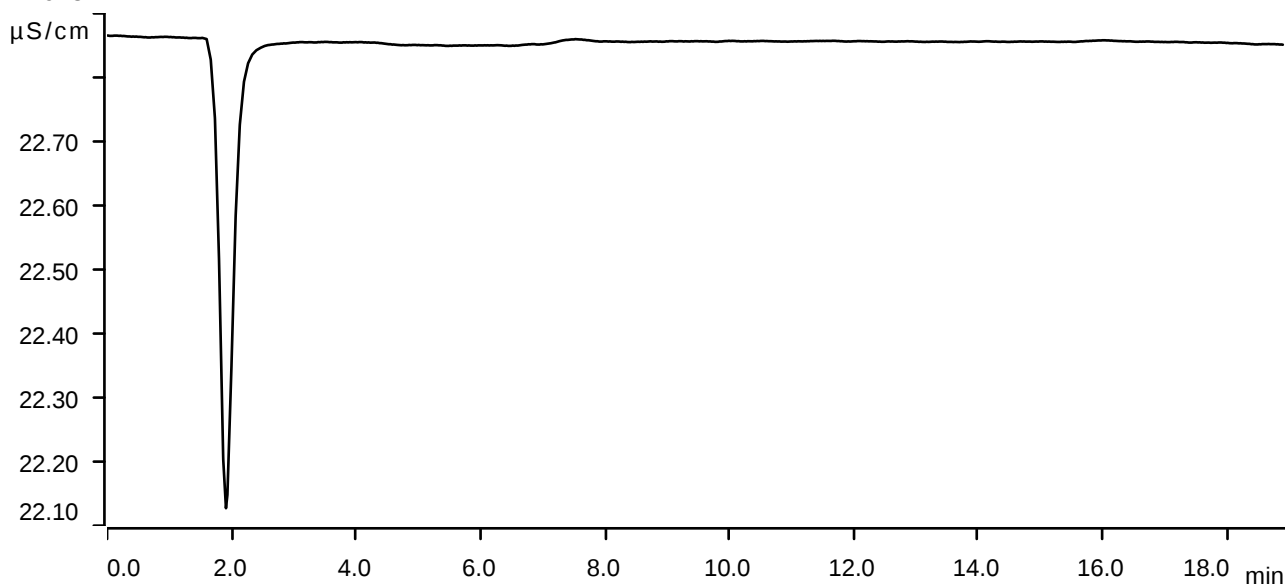
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.377	0.2830	1.762	1.966	Fluoride
2	6.498	0.2910	1.209	2.997	Chloride
3	8.558	0.6557	2.109	3.000	Nitrite
4	10.522	0.4312	1.155	9.969	Bromide
5	12.190	0.6017	1.407	2.497	Nitrate
6	14.320	0.4076	0.753	4.753	Phosphate
7	16.035	1.1027	2.020	14.850	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2024-10-16 13:59:18 UTC-4
Method IC1-101624
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

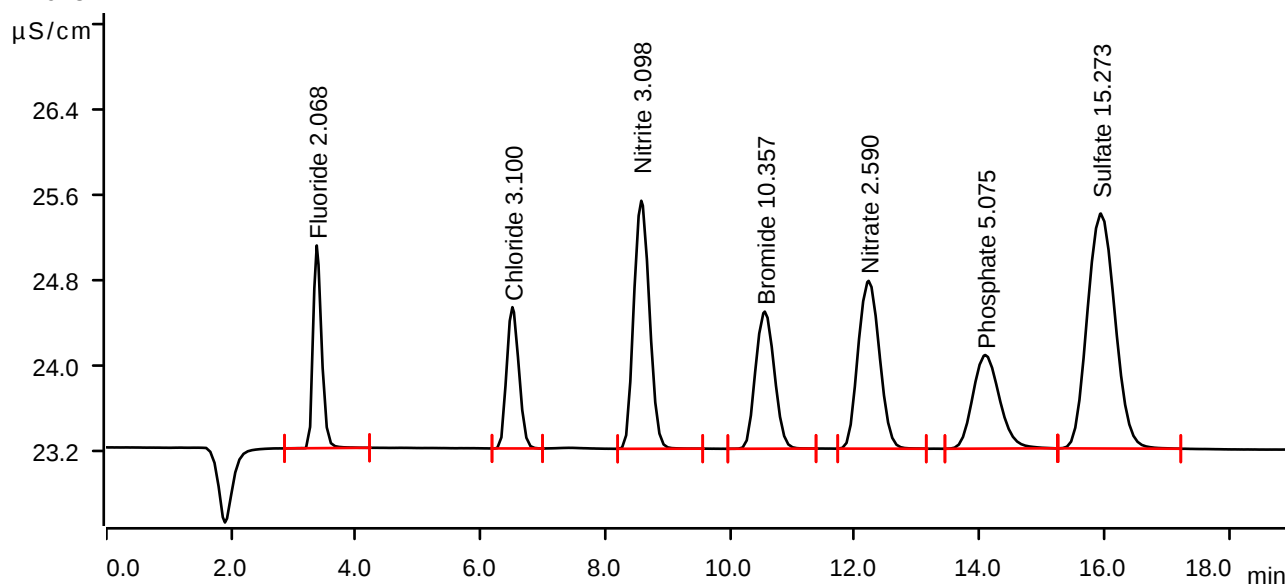
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-11-05 09:20:45 UTC-5
Method IC1-101624
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	3.373	0.2981	1.899	2.068	Fluoride
2	6.510	0.3012	1.324	3.100	Chloride
3	8.577	0.6778	2.324	3.098	Nitrite
4	10.557	0.4483	1.285	10.357	Bromide
5	12.222	0.6246	1.572	2.590	Nitrate
6	14.092	0.4359	0.877	5.075	Phosphate
7	15.943	1.1350	2.202	15.273	Sulfate

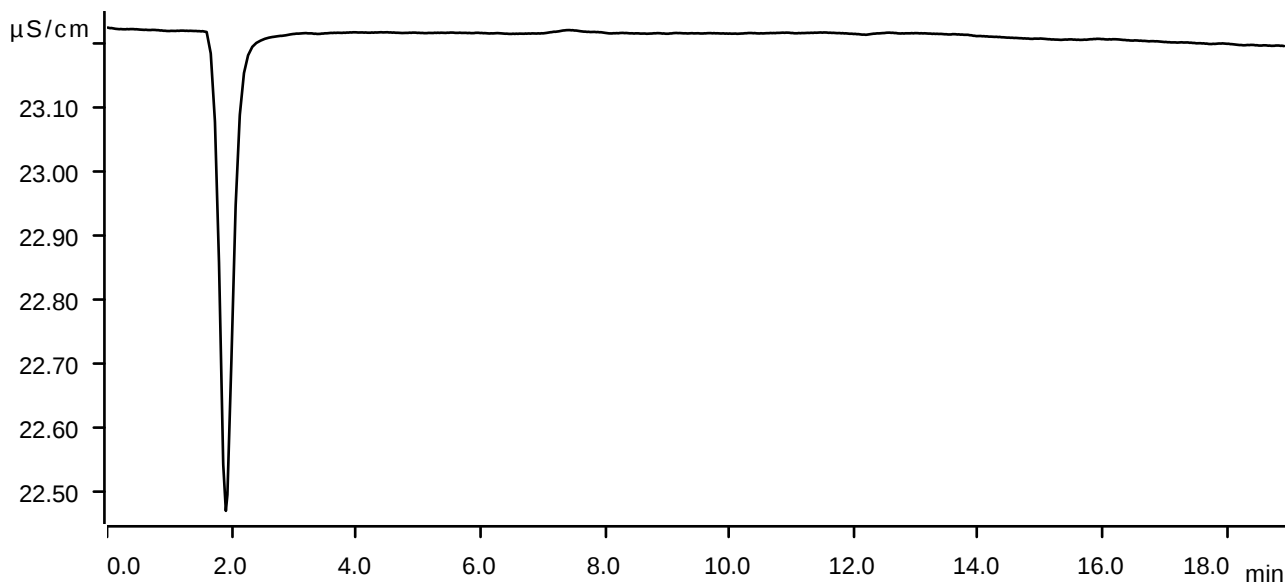
Sample data

Ident CCB
Sample type Sample
Determination start 2024-11-05 09:42:14 UTC-5
Method IC1-101624
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



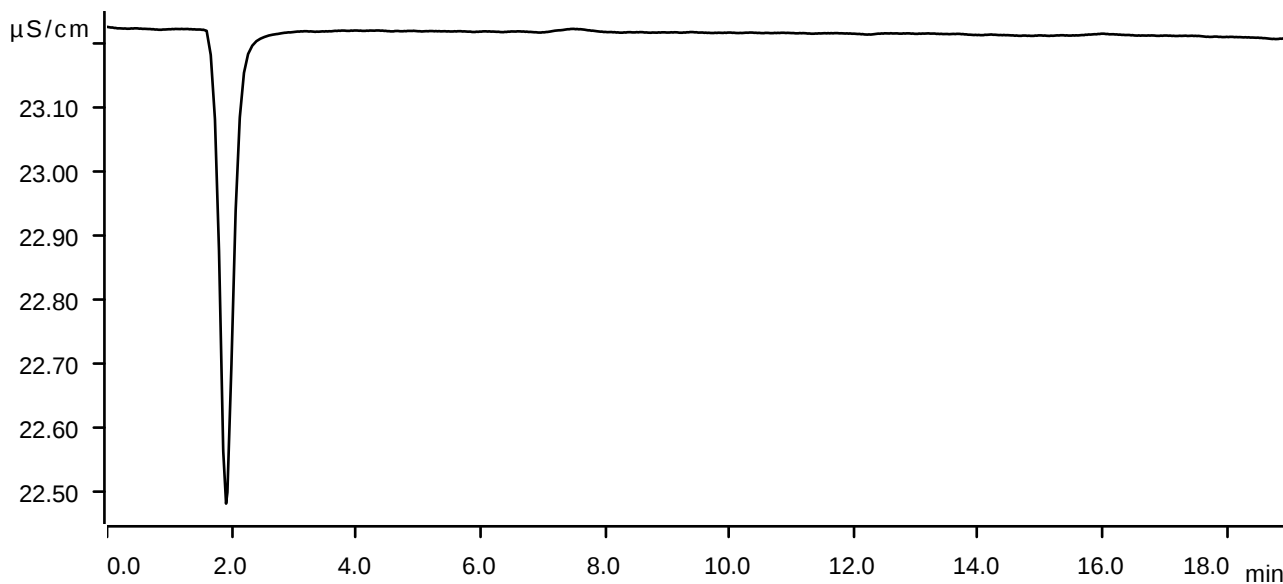
Sample data

Ident LB133290BLW
Sample type Sample
Determination start 2024-11-05 10:03:45 UTC-5
Method IC1-101624
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



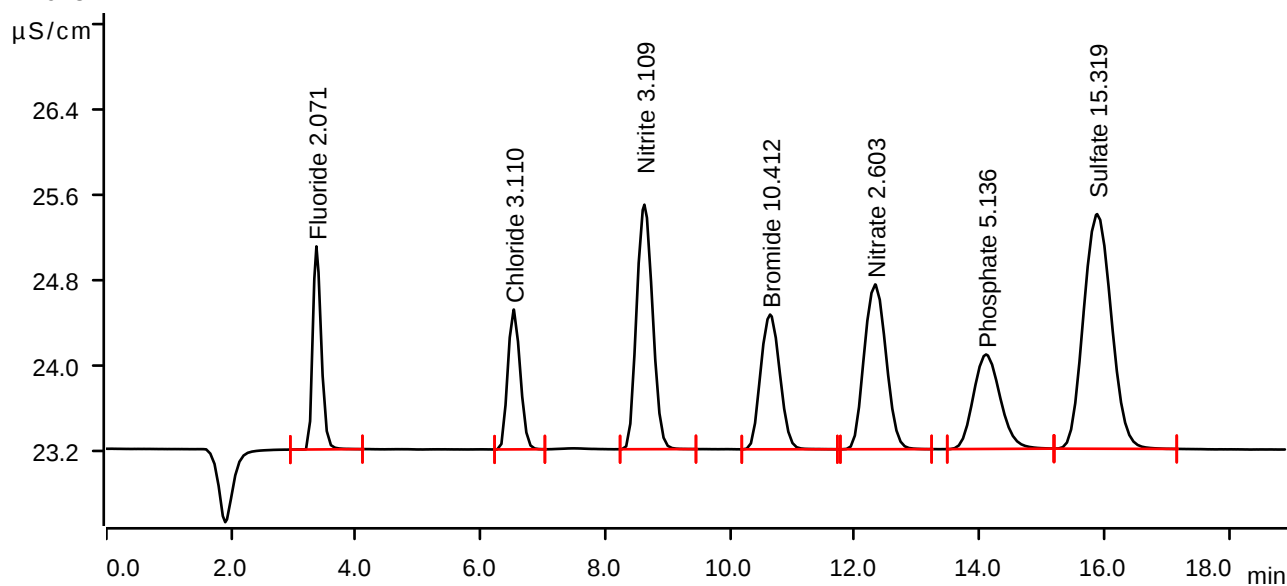
Sample data

Ident LB133290BSW
Sample type Check standard 1
Determination start 2024-11-05 10:25:16 UTC-5
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.88 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.368	0.2985	1.903	2.071	Fluoride
2	6.530	0.3021	1.310	3.110	Chloride
3	8.627	0.6802	2.292	3.109	Nitrite
4	10.642	0.4508	1.263	10.412	Bromide
5	12.327	0.6277	1.544	2.603	Nitrate
6	14.105	0.4412	0.885	5.136	Phosphate
7	15.885	1.1385	2.199	15.319	Sulfate

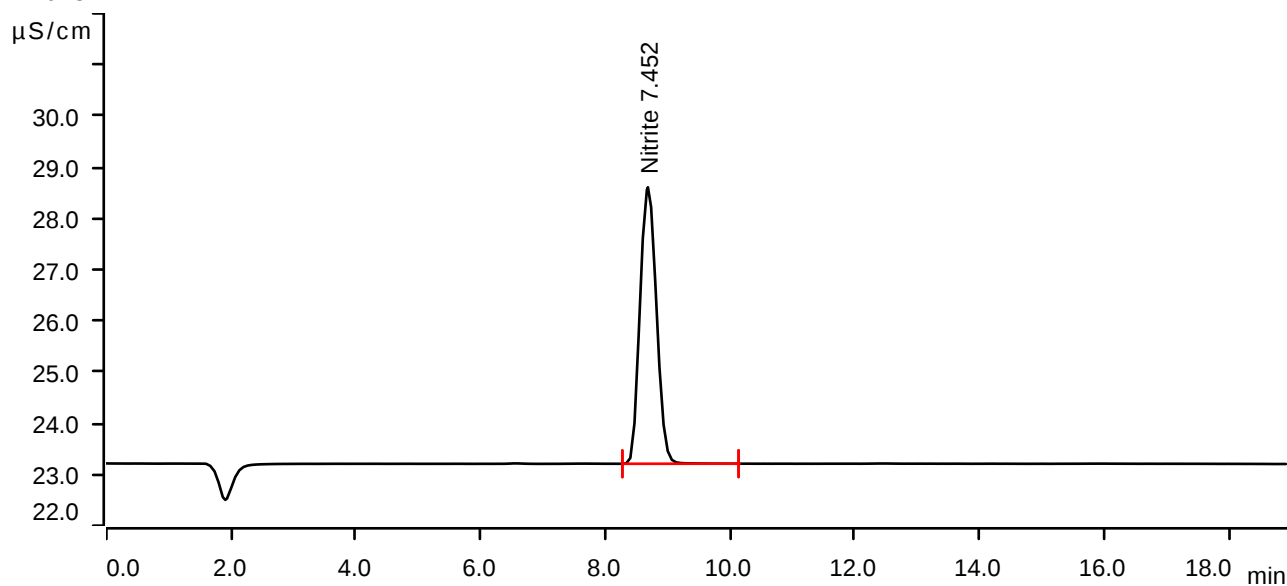
Sample data

Ident P4495-25
Sample type Sample
Determination start 2024-11-05 11:08:21 UTC-5
Method IC1-101624
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	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	8.683	1.6524	5.398	7.452	Nitrite

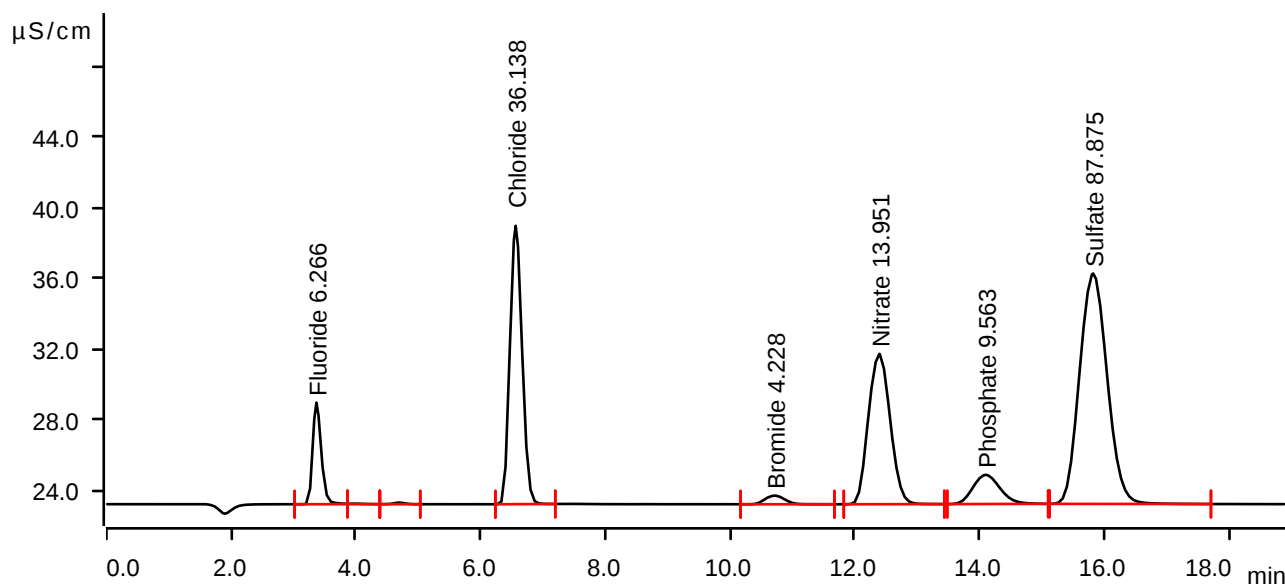
Sample data

Ident P4495-01
Sample type Sample
Determination start 2024-11-05 11:29:54 UTC-5
Method IC1-101624
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.368	0.9133	5.751	6.266	Fluoride
2	3.988	0.0080	0.030	invalid	
3	4.693	0.0178	0.088	invalid	
4	6.563	3.5601	15.760	36.138	Chloride
5	10.717	0.1784	0.489	4.228	Bromide
6	12.393	3.4345	8.511	13.951	Nitrate
7	14.100	0.8300	1.651	9.563	Phosphate
8	15.822	6.6835	13.047	87.875	Sulfate

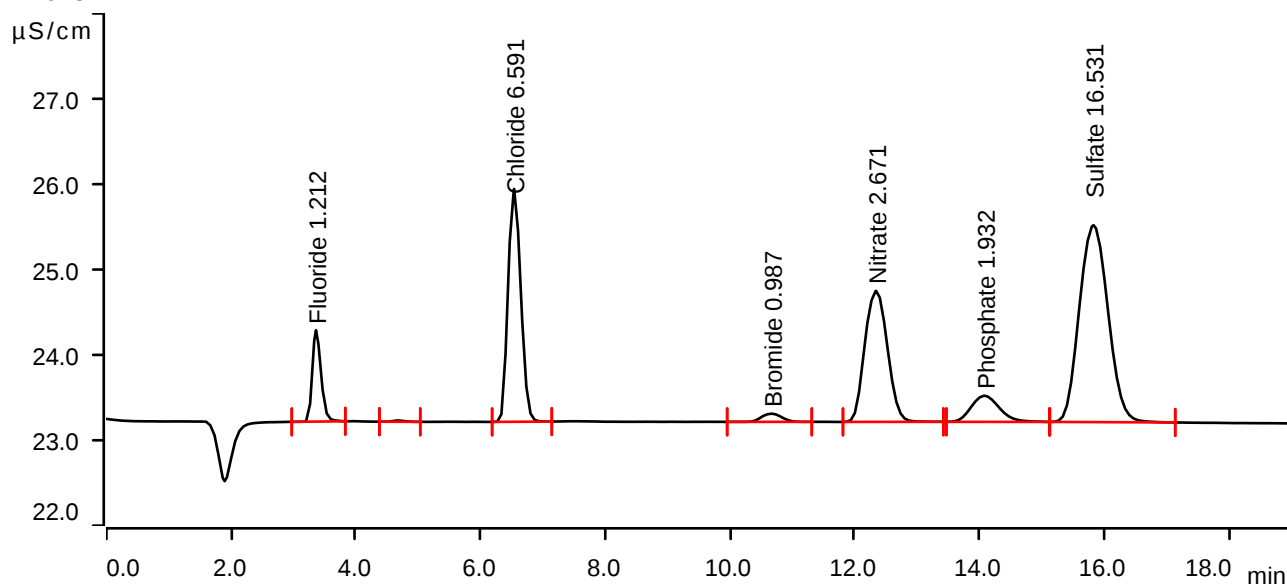
Sample data

Ident P4495-01DLX5
Sample type Sample
Determination start 2024-11-05 11:51:29 UTC-5
Method IC1-101624
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	3.362	0.1725	1.071	1.212	Fluoride
2	4.672	0.0031	0.015	invalid	
3	6.538	0.6455	2.727	6.591	Chloride
4	10.670	0.0356	0.096	0.987	Bromide
5	12.342	0.6446	1.535	2.671	Nitrate
6	14.082	0.1598	0.306	1.932	Phosphate
7	15.827	1.2311	2.306	16.531	Sulfate

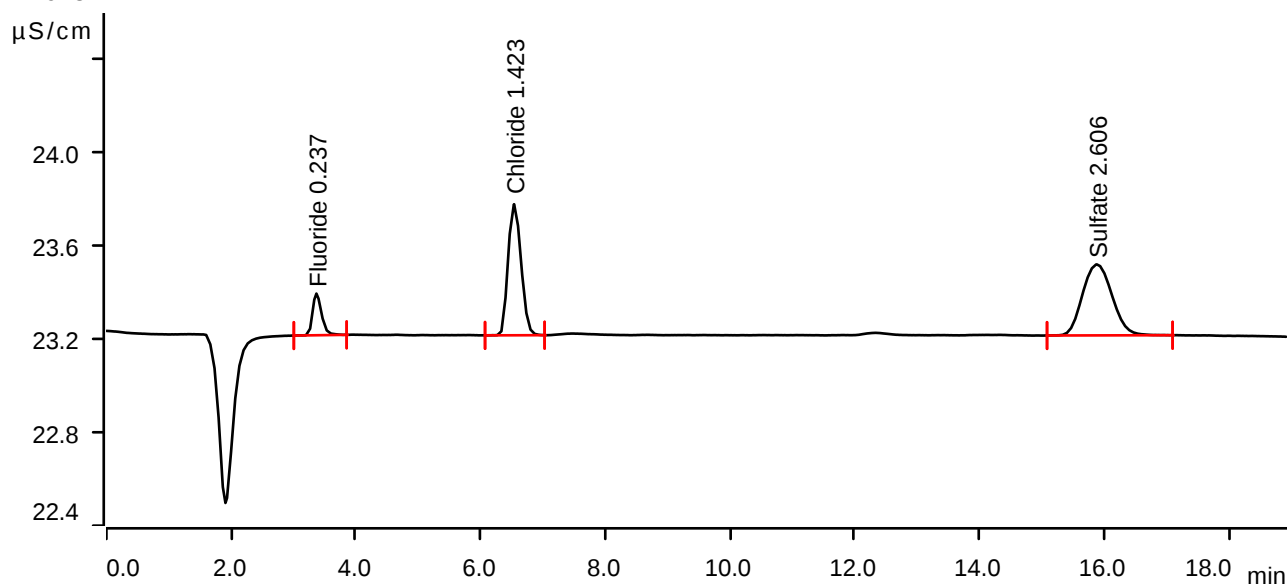
Sample data

Ident P4675-01
Sample type Sample
Determination start 2024-11-05 13:21:58 UTC-5
Method IC1-101624
Operator

Anions

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

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.368	0.0297	0.179	0.237	Fluoride
2	6.538	0.1357	0.563	1.423	Chloride
3	15.880	0.1669	0.305	2.606	Sulfate

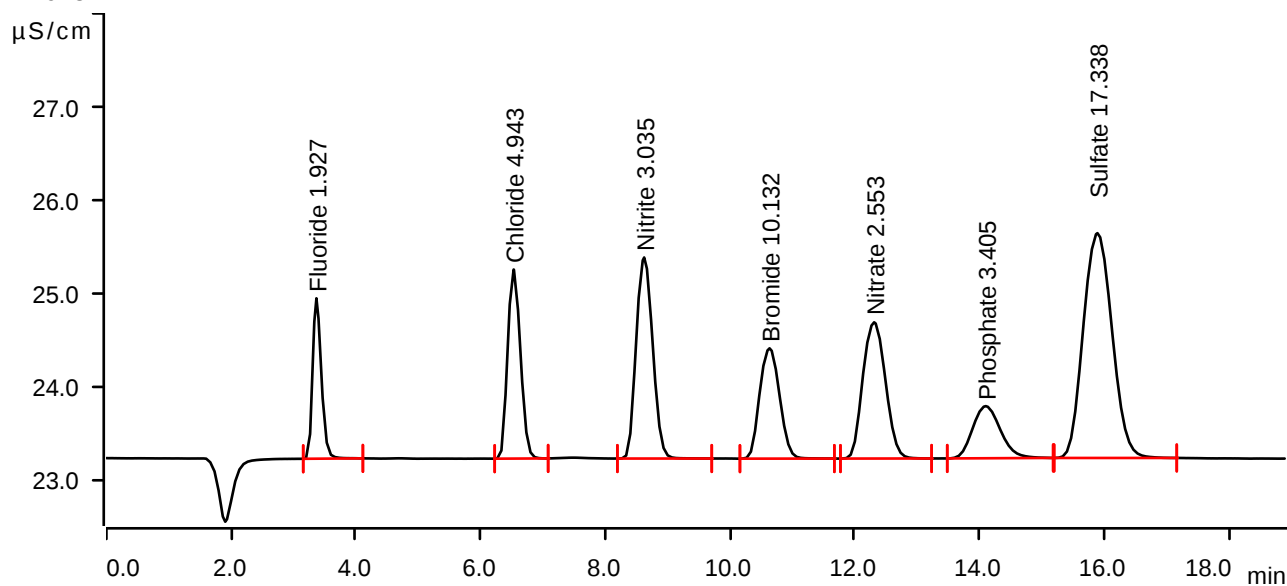
Sample data

Ident P4675-01MS
Sample type Sample
Determination start 2024-11-05 13:43:20 UTC-5
Method IC1-101624
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	3.368	0.2773	1.722	1.927	Fluoride
2	6.530	0.4829	2.030	4.943	Chloride
3	8.623	0.6636	2.159	3.035	Nitrite
4	10.633	0.4384	1.185	10.132	Bromide
5	12.310	0.6155	1.463	2.553	Nitrate
6	14.100	0.2891	0.560	3.405	Phosphate
7	15.890	1.2928	2.414	17.338	Sulfate

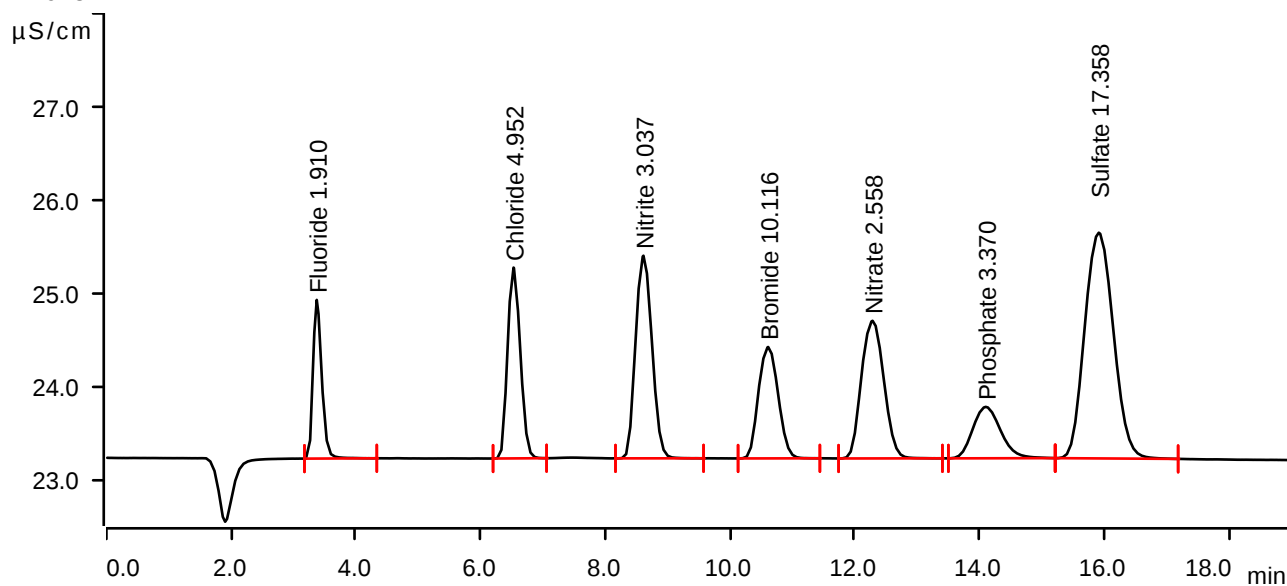
Sample data

Ident P4675-01MSD
Sample type Sample
Determination start 2024-11-05 14:04:53 UTC-5
Method IC1-101624
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	3.373	0.2749	1.704	1.910	Fluoride
2	6.528	0.4838	2.049	4.952	Chloride
3	8.612	0.6641	2.176	3.037	Nitrite
4	10.612	0.4377	1.196	10.116	Bromide
5	12.285	0.6166	1.478	2.558	Nitrate
6	14.098	0.2860	0.552	3.370	Phosphate
7	15.912	1.2943	2.424	17.358	Sulfate

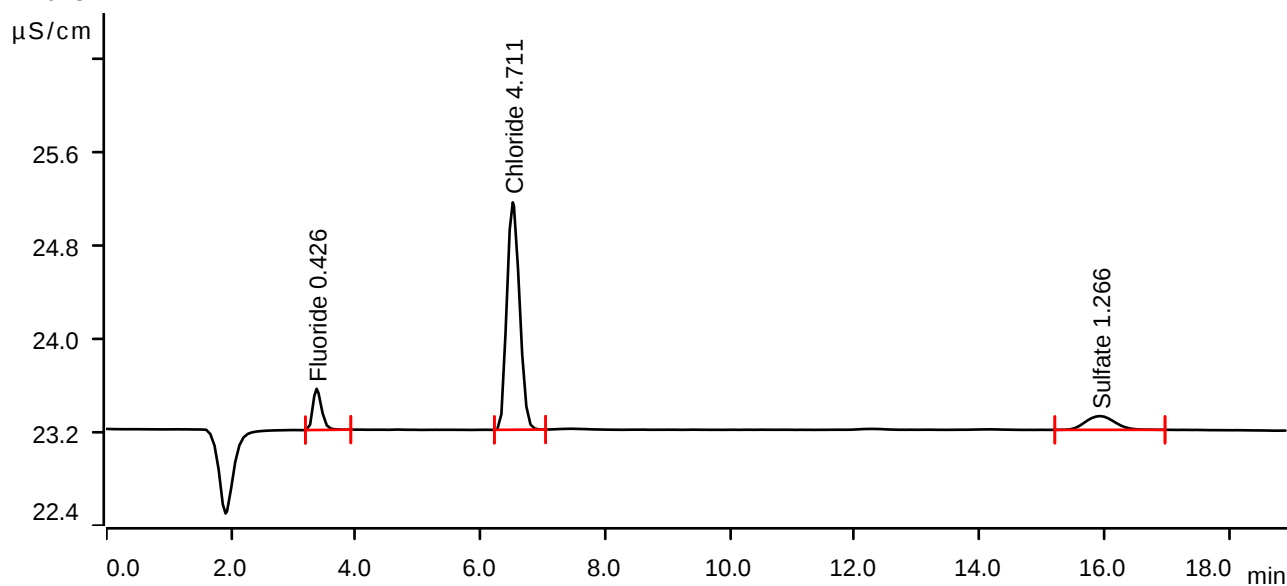
Sample data

Ident P4675-02
Sample type Sample
Determination start 2024-11-05 14:26:25 UTC-5
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.82 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.372	0.0574	0.354	0.426	Fluoride
2	6.517	0.4601	1.954	4.711	Chloride
3	15.932	0.0645	0.118	1.266	Sulfate

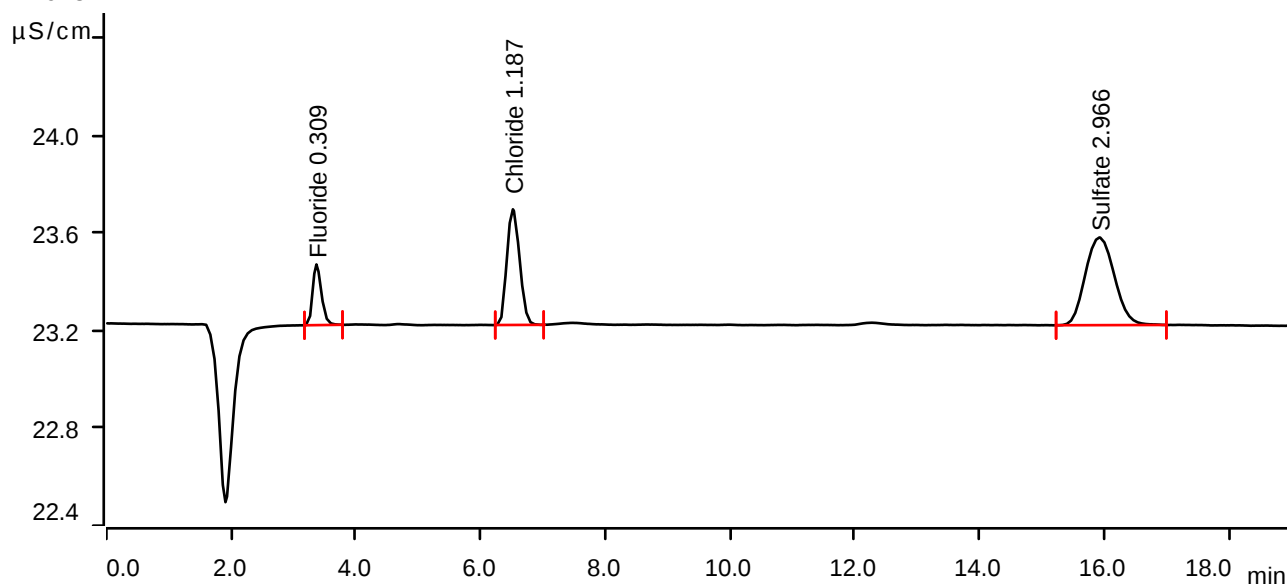
Sample data

Ident P4675-03
Sample type Sample
Determination start 2024-11-05 14:47:57 UTC-5
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.82 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.368	0.0402	0.249	0.309	Fluoride
2	6.518	0.1124	0.474	1.187	Chloride
3	15.922	0.1945	0.360	2.966	Sulfate

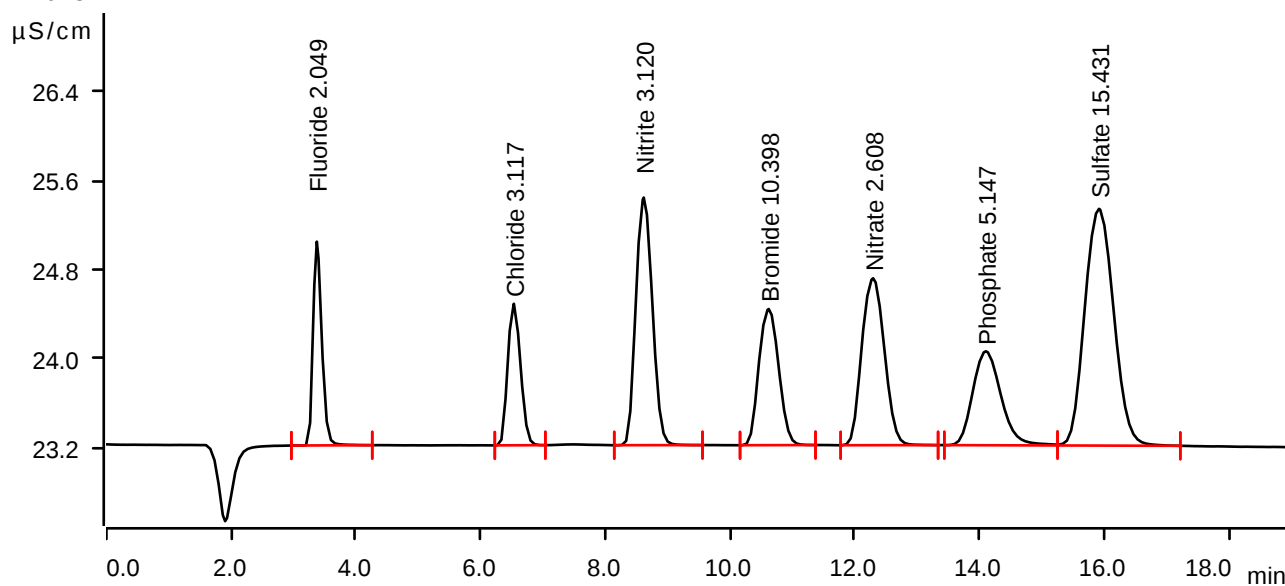
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-11-05 15:09:27 UTC-5
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.88 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.375	0.2953	1.830	2.049	Fluoride
2	6.532	0.3028	1.271	3.117	Chloride
3	8.617	0.6825	2.224	3.120	Nitrite
4	10.620	0.4501	1.223	10.398	Bromide
5	12.293	0.6290	1.499	2.608	Nitrate
6	14.102	0.4422	0.844	5.147	Phosphate
7	15.915	1.1471	2.126	15.431	Sulfate

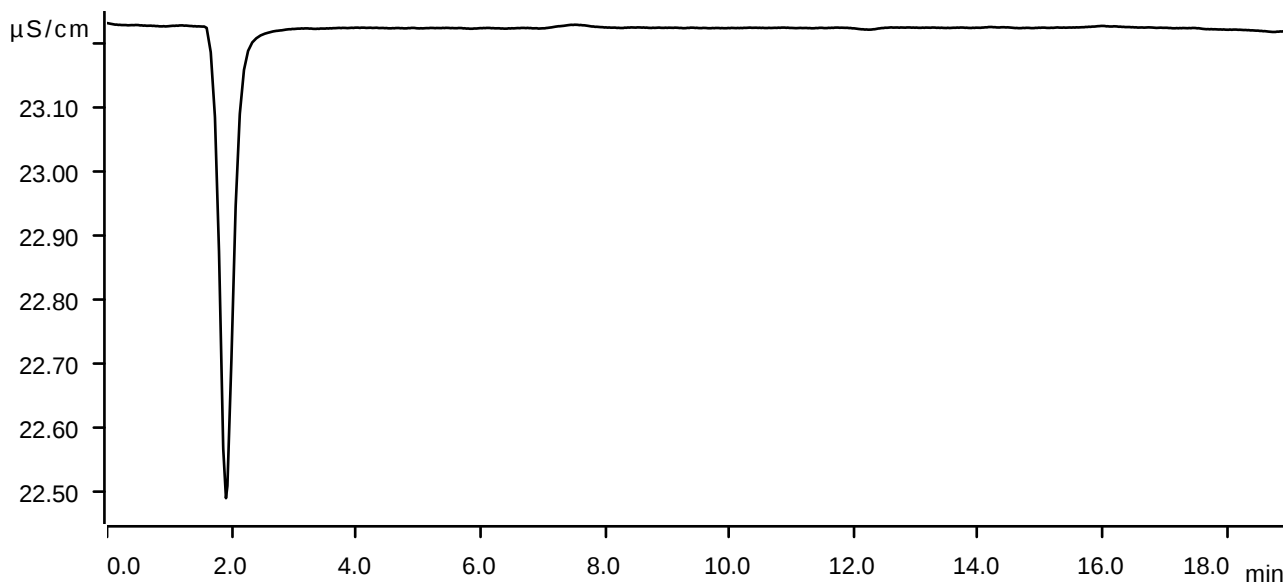
Sample data

Ident CCB
Sample type Sample
Determination start 2024-11-05 15:30:57 UTC-5
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.82 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



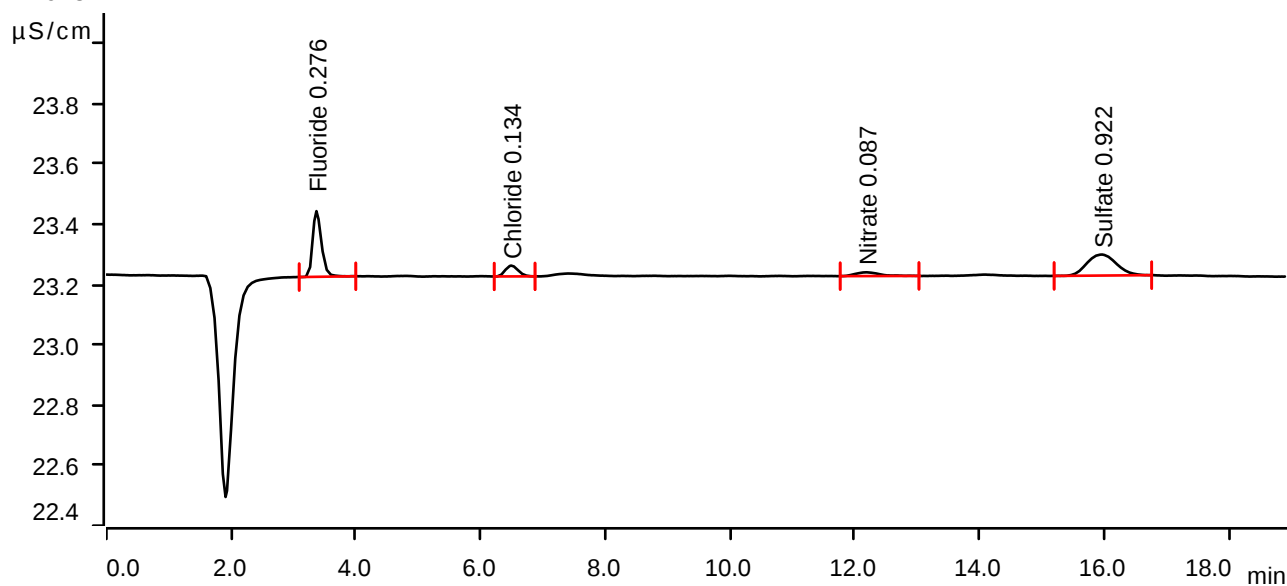
Sample data

Ident P4675-04
Sample type Sample
Determination start 2024-11-05 15:52:27 UTC-5
Method IC1-101624
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	3.368	0.0354	0.218	0.276	Fluoride
2	6.490	0.0086	0.036	0.134	Chloride
3	12.188	0.0056	0.012	0.087	Nitrate
4	15.943	0.0383	0.070	0.922	Sulfate

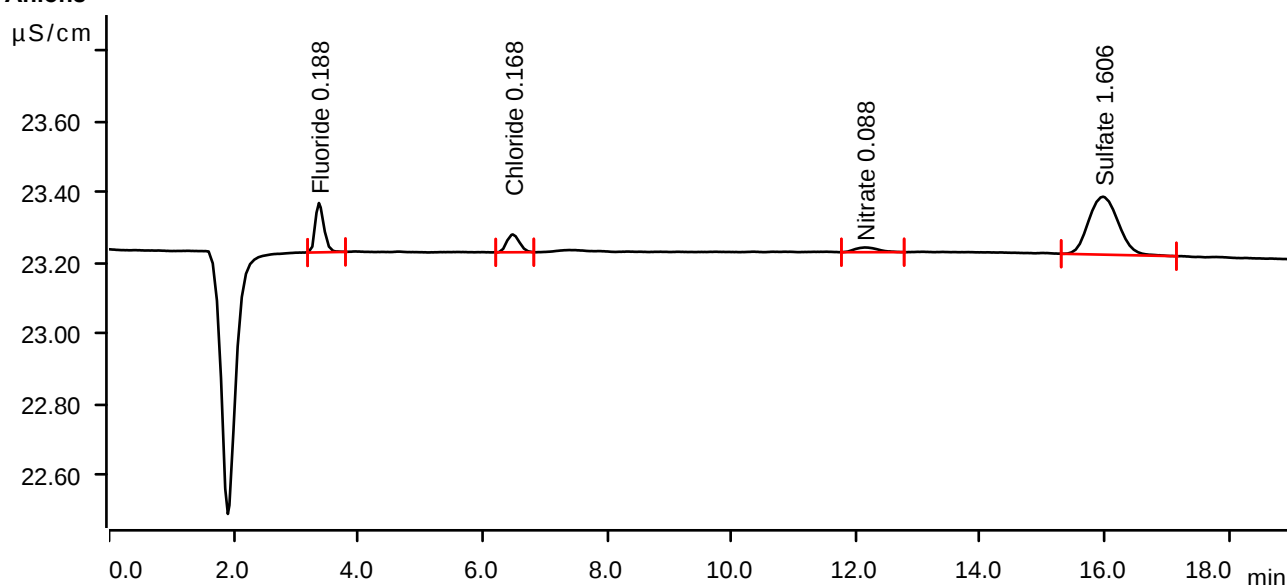
Sample data

Ident P4675-05
Sample type Sample
Determination start 2024-11-05 16:13:57 UTC-5
Method IC1-101624
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 ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.373	0.0225	0.140	0.188	Fluoride
2	6.488	0.0119	0.050	0.168	Chloride
3	12.142	0.0059	0.013	0.088	Nitrate
4	15.973	0.0905	0.164	1.606	Sulfate

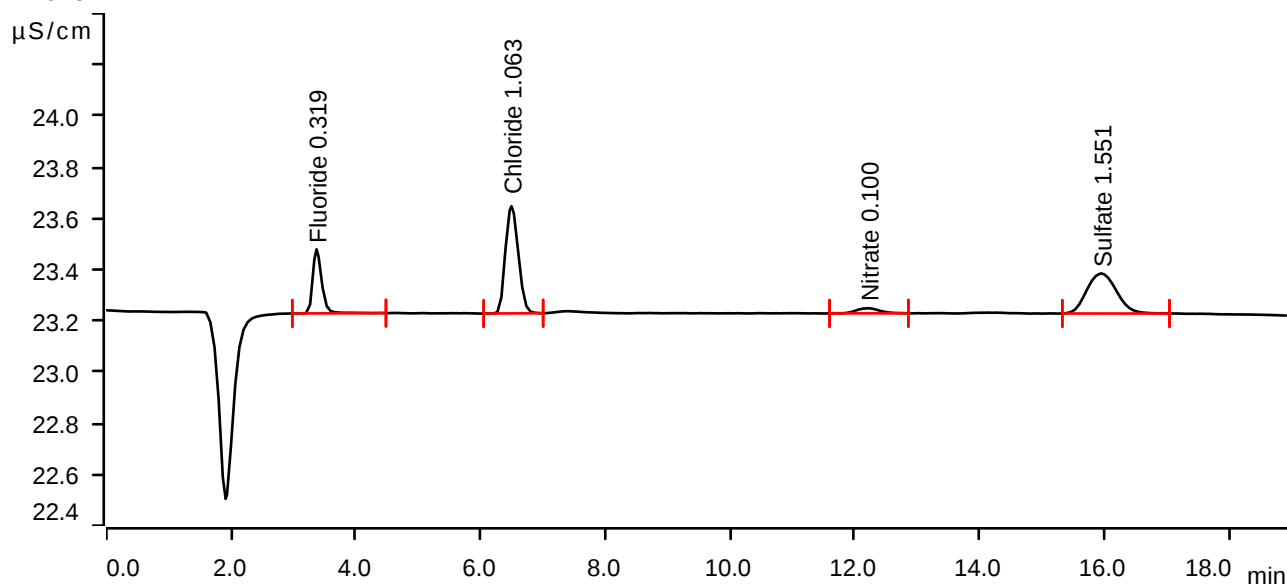
Sample data

Ident P4675-06
Sample type Sample
Determination start 2024-11-05 16:35:26 UTC-5
Method IC1-101624
Operator

Anions

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

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.370	0.0417	0.250	0.319	Fluoride
2	6.495	0.1002	0.419	1.063	Chloride
3	12.218	0.0087	0.020	0.100	Nitrate
4	15.952	0.0863	0.156	1.551	Sulfate

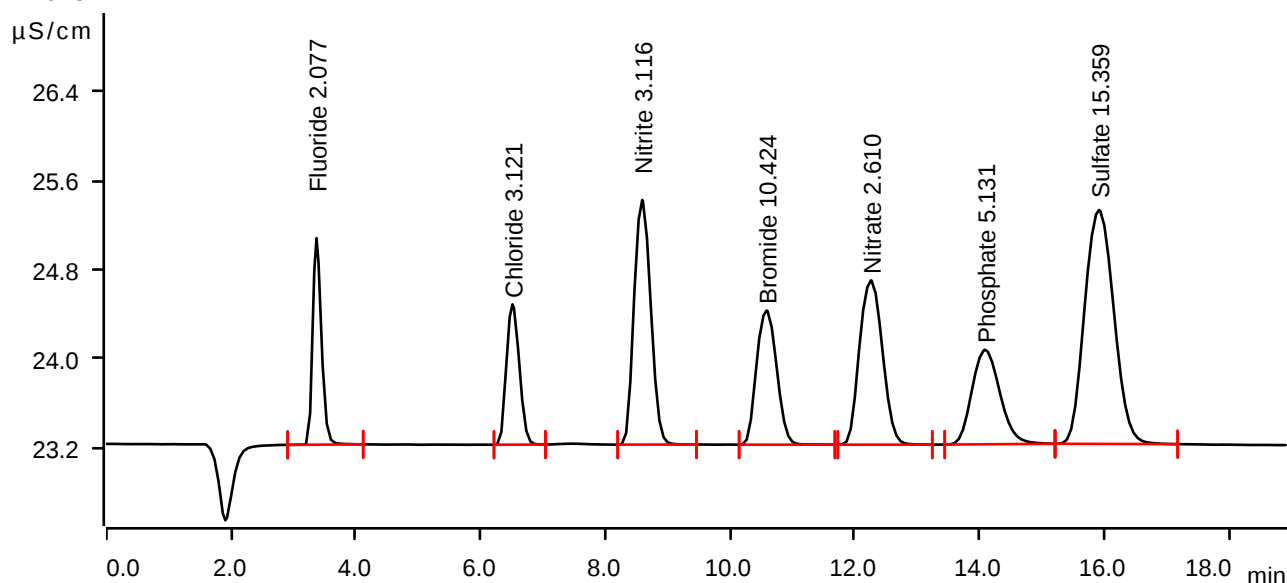
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-11-05 16:56:48 UTC-5
Method IC1-101624
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 11.77 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	0.2994	1.855	2.077	Fluoride
2	6.512	0.3032	1.260	3.121	Chloride
3	8.592	0.6817	2.197	3.116	Nitrite
4	10.585	0.4513	1.205	10.424	Bromide
5	12.258	0.6295	1.475	2.610	Nitrate
6	14.088	0.4407	0.849	5.131	Phosphate
7	15.915	1.1415	2.101	15.359	Sulfate

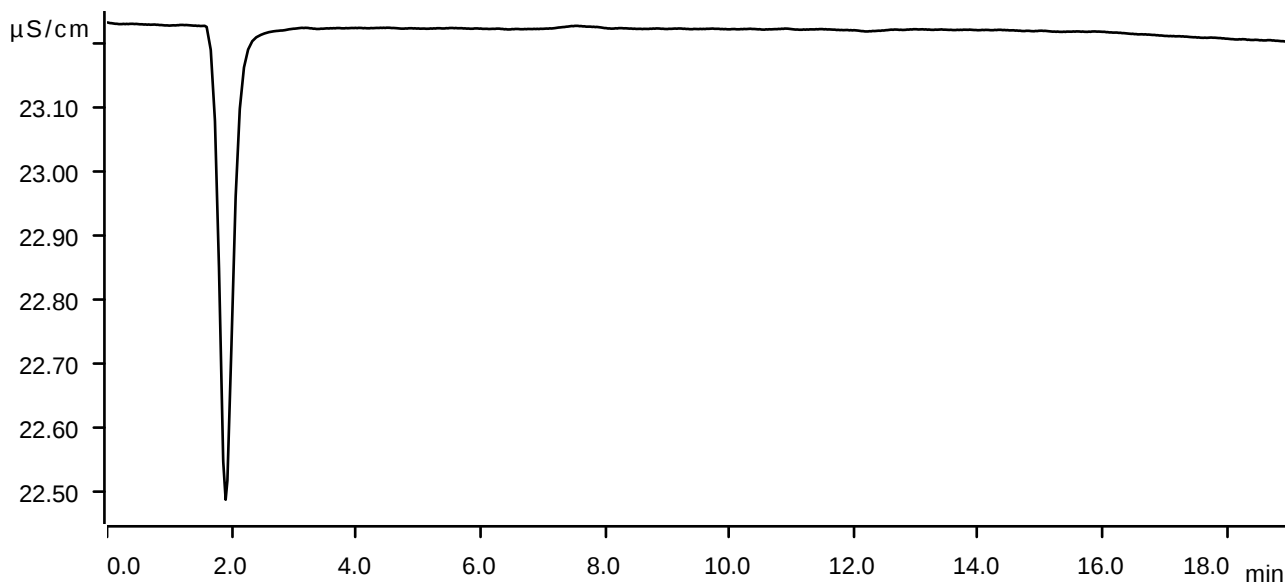
Sample data

Ident CCB
Sample type Sample
Determination start 2024-11-05 17:18:18 UTC-5
Method IC1-101624
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.88 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



LB133290

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ANIONS S-11052024

WorkList ID : 185136

Department : Wet-Chemistry

Date : 11-05-2024 08:53:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4495-01	PT-AN-SOIL	5.00g	Solid	Anions Group1	Cool 4 deg C	CHEM02	QA 01	10/21/2024 9056A
P4495-25	PT-NO2-SOIL	5.00g	Solid	Anions Group2	Cool 4 deg C	CHEM02	QA 01	10/21/2024 9056A
P4675-01	COMP-1	5.01g	Solid	Anions Group1	Cool 4 deg C	POWE02	K41	10/31/2024 9056A
P4675-02	COMP-2	5.04g	Solid	Anions Group1	Cool 4 deg C	POWE02	K41	10/31/2024 9056A
P4675-03	COMP-3	5.02g	Solid	Anions Group1	Cool 4 deg C	POWE02	K41	10/31/2024 9056A
P4675-04	COMP-4	5.04g	Solid	Anions Group1	Cool 4 deg C	POWE02	K41	10/31/2024 9056A
P4675-05	COMP-5	5.04g	Solid	Anions Group1	Cool 4 deg C	POWE02	K41	10/31/2024 9056A
P4675-06	COMP-6	5.02g	Solid	Anions Group1	Cool 4 deg C	POWE02	K41	10/31/2024 9056A

P4675-01 mg

5.02g

P4675-01 mg

5.05g

BL

5.00g

BS

5.00g

Final volume 100ml with DI water.

Balance ID : NC SC-4

11.05.2024

Date/Time 11.05.2024 9:00
Raw Sample Received by: NCF(WC)
Raw Sample Relinquished by: [Signature]

Date/Time 11.05.2024 12:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: NF (WC)