

IC-1 300.0

11-05-18 *AK*

Clear table

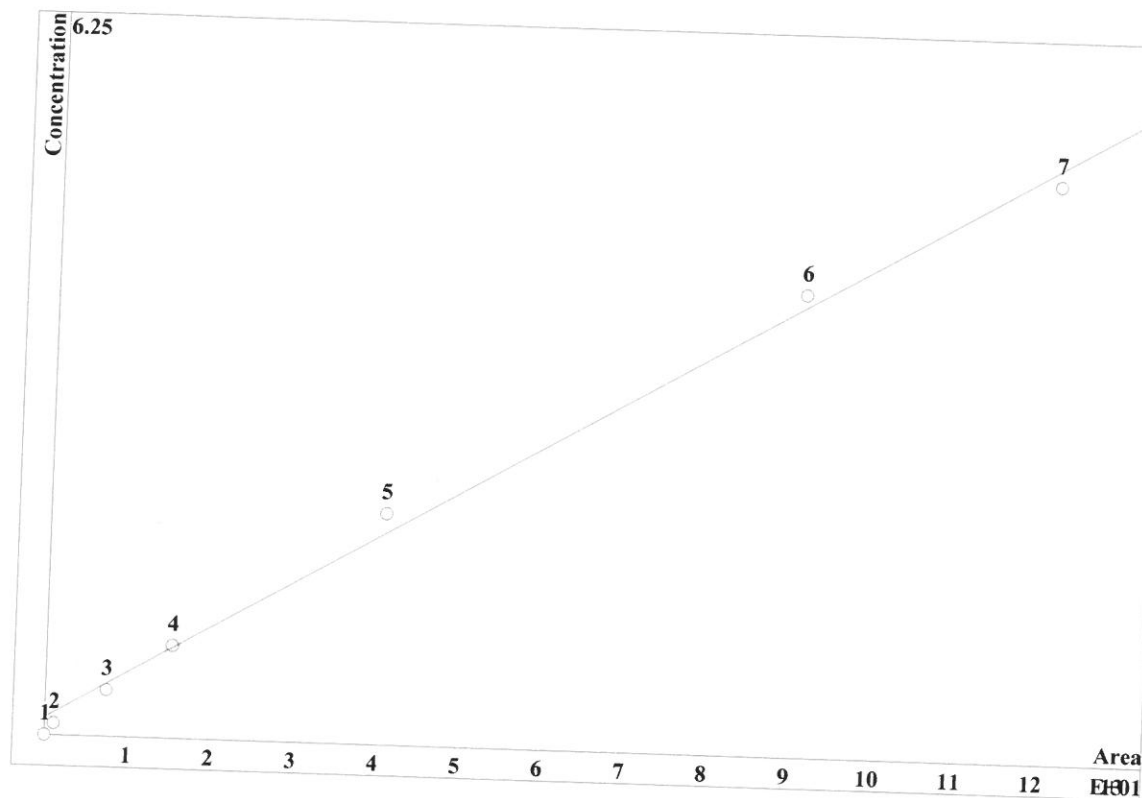
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-29	10/29/18 11:00		AK/AP
STD2	0.2000	0.2440	0.2540	0.8360	0.2260	-0.1550	1.4050	2018-10-29	10/29/18 12:27		AK/AP
STD3	0.4600	0.6400	0.6460	2.1110	0.5390	1.0170	3.2300	2018-10-29	10/29/18 12:57		AK/AP
STD4	0.7850	1.1720	1.1660	3.9420	0.9890	2.2740	5.9330	2018-10-29	10/29/18 13:27		AK/AP
STD5	1.8280	2.8540	2.8410	9.5200	2.3500	5.3560	14.0220	2018-10-29	10/29/18 13:57		AK/AP
STD6	3.8880	5.9420	5.9360	19.6610	4.8750	9.8510	29.3010	2018-10-29	10/29/18 14:27		AK/AP
STD7	5.1390	7.5980	7.6070	25.4310	6.3950	12.4080	38.3580	2018-10-29	10/29/18 14:57		AK/AP
ICV	1.9390	2.8990	2.9100	9.6460	2.4060	5.4000	14.2100	2018-10-29	10/29/18 16:27		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-29	10/29/18 16:57		AK/AP
CCV	1.8350	2.9040	2.8850	9.5860	2.3800	5.2290	14.1440	2018-11-02	11/2/18 10:29		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-02	11/2/18 11:06		AK/AP
LB99001BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-02	11/2/18 11:36		AK/AP
LB99001BSW	1.9450	2.7610	2.7570	9.1300	2.2840	5.7300	13.5450	2018-11-02	11/2/18 12:06		AK/AP
J5799-01	0.0000	0.5650	0.2710	0.0000	0.5910	0.0000	0.8610	2018-11-02	11/2/18 12:36		AK/AP
J5799-01DUP	0.0000	0.5720	0.2710	0.0000	0.5850	0.0000	0.8690	2018-11-02	11/2/18 13:05		AK/AP
J5799-01MS	2.0670	3.5540	3.0590	16.2340	0.0000	5.7940	14.4430	2018-11-02	11/2/18 13:35		AK/AP
J5799-01MSD	1.9760	3.1770	2.9230	9.1520	2.7570	5.6890	13.9260	2018-11-02	11/2/18 14:05		AK/AP
CCV	1.9440	2.8650	2.8670	9.6120	2.3790	5.4940	14.0430	2018-11-02	11/2/18 14:35		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-11-02	11/2/18 15:05		AK/AP

CALIBRATION OF COMPONENT F-

7C-1 Cal

Method: ANIONS 10-29-18.mtw
Equation: $Q = 0.821609 \cdot A + 3.10626$
RSD: 6.704 %
Correlation coefficient: 0.998164

10-29-18 ALK

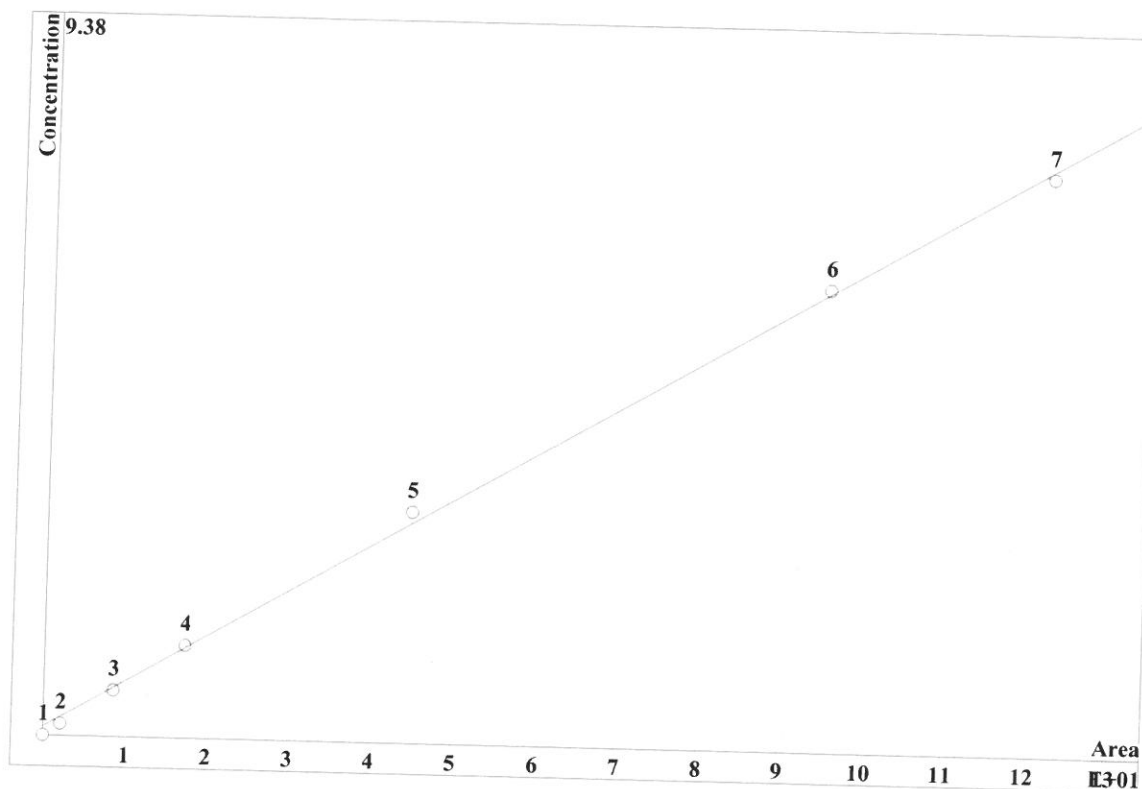


K3 = 0 K2 = 0 K1 = 0.821609 K0 = 3.10626
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.03314	1.09	0.1	20	5.913	Yes	
3	0.1674	7.427	0.4	20	5.913	Yes	
4	0.3372	15.32	0.8	20	5.913	Yes	
5	1.037	40.72	2	20	5.913	Yes	
6	2.228	90.85	4	20	5.913	Yes	
7	2.984	121.3	5	20	5.913	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 10-29-18.mtw
 Equation: $Q = 1.22434 \cdot A + 2.35229$
 RSD: 3.469 %
 Correlation coefficient: 0.999509

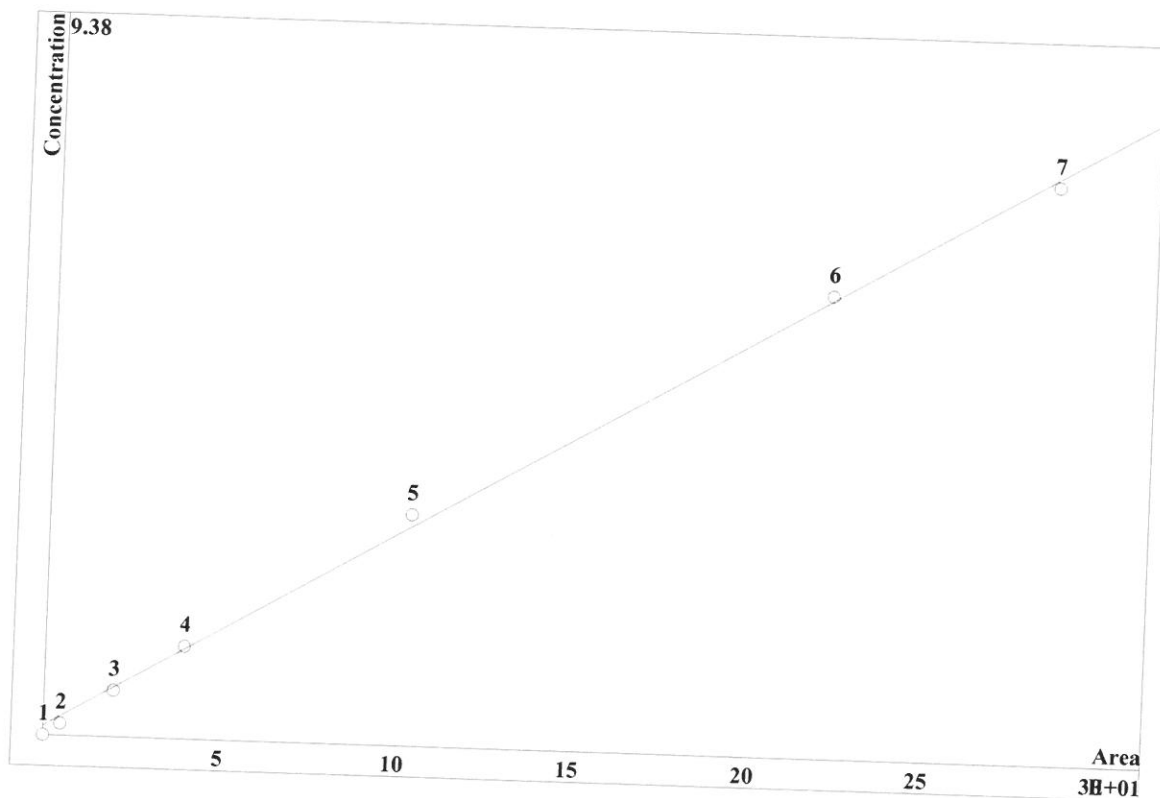


K3 = 0 K2 = 0 K1 = 1.22434 K0 = 2.35229
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	0.1212	2.068	0.15	20	8.858	No	
3	0.4985	8.526	0.6	20	8.858	Yes	
4	1.026	17.23	1.2	20	8.858	Yes	
5	2.679	44.69	3	20	8.858	Yes	
6	5.676	95.15	6	20	8.858	Yes	
7	7.446	122.2	7.5	20	8.858	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 10-29-18.mtw
 Equation: $Q = 0.524261 \cdot A + 2.52103$
 RSD: 3.810 %
 Correlation coefficient: 0.999407

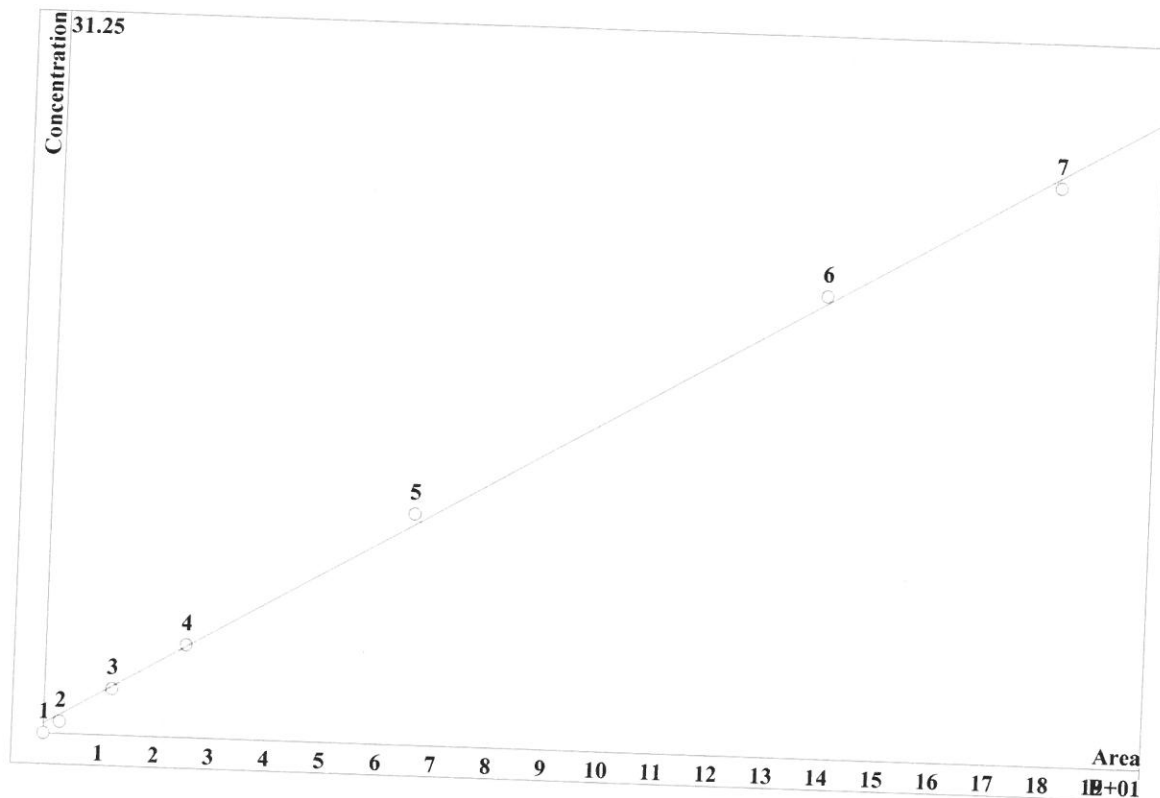


K3 = 0 K2 = 0 K1 = 0.524261 K0 = 2.52103
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.2474	4.897	0.15	20	10.65			Yes
3	1.012	19.82	0.6	20	10.65			Yes
4	2.107	39.66	1.2	20	10.65			Yes
5	5.429	103.6	3	20	10.65			Yes
6	11.35	221.7	6	20	10.65			Yes
7	14.66	285.4	7.5	20	10.65			Yes
±□:§								

CALIBRATION OF COMPONENT BR-

Method: ANIONS 10-29-18.mtw
 Equation: $Q = 2.77013 \cdot A + 8.63512$
 RSD: 3.959 %
 Correlation coefficient: 0.999360

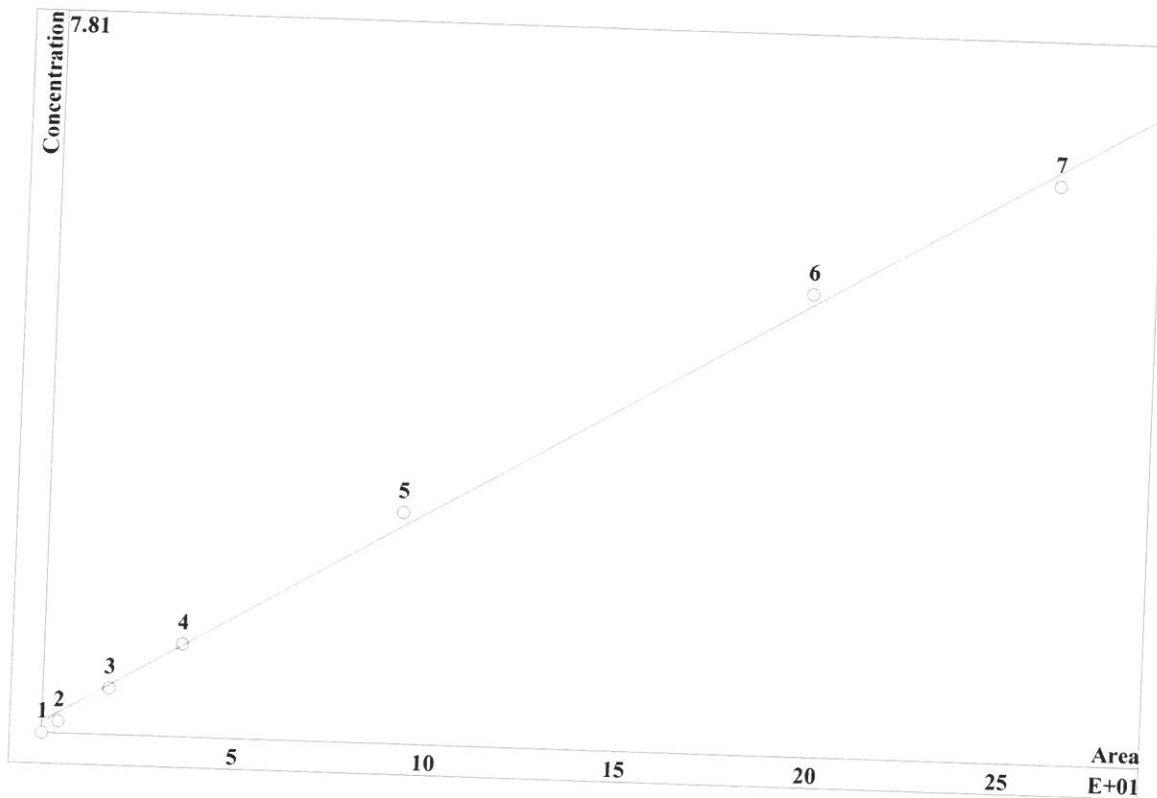


K3 = 0 K2 = 0 K1 = 2.77013 K0 = 8.63512
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	0.1358	2.916	0.5	20	13.72		No
3	0.5713	12.12	2	20	13.72		Yes
4	1.191	25.34	4	20	13.72		Yes
5	3.054	65.62	10	20	13.72		Yes
6	6.218	138.8	20	20	13.72		Yes
7	7.864	180.5	25	20	13.72		Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 10-29-18.mtw
 Equation: $Q = 0.480518 \cdot A + 2.45925$
 RSD: 5.209 %
 Correlation coefficient: 0.998892

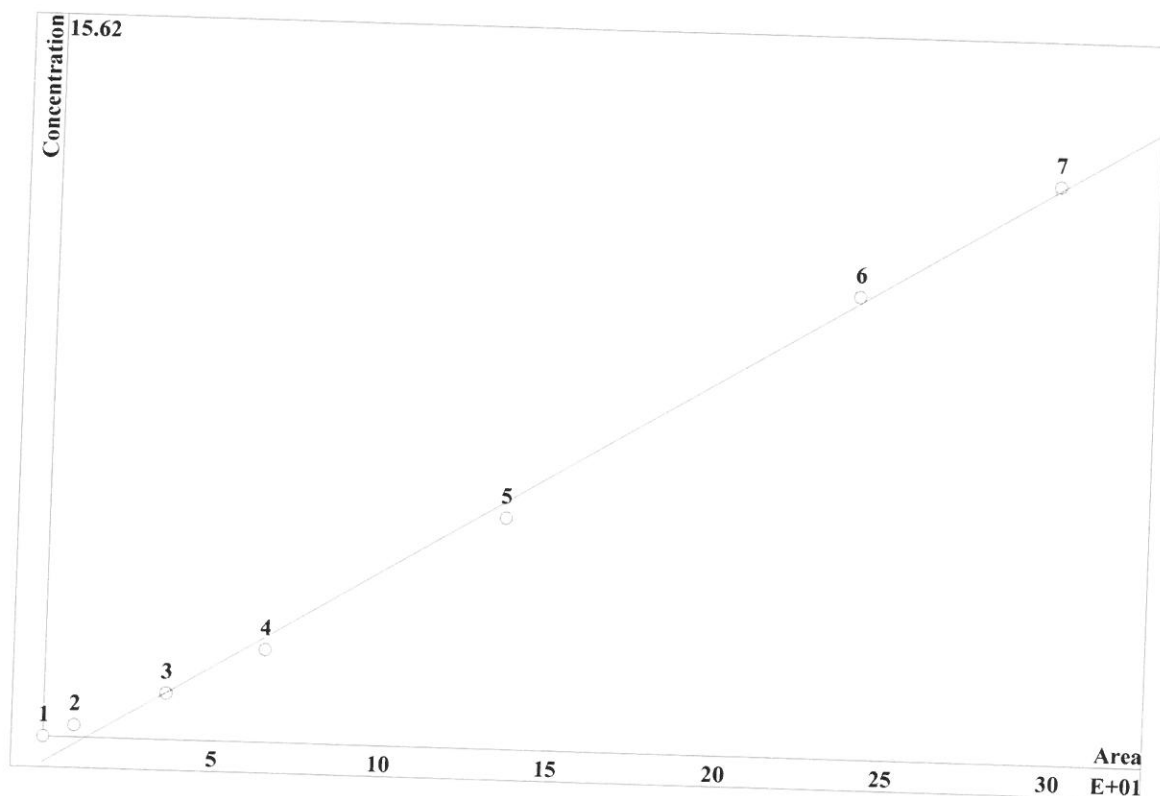


K3 = 0 K2 = 0 K1 = 0.480518 K0 = 2.45925
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	0.1731	4.309	0.125	20	15.65	No	
3	0.7213	17.32	0.5	20	15.65	Yes	
4	1.513	36.06	1	20	15.65	Yes	
5	3.993	92.7	2.5	20	15.65	Yes	
6	8.666	197.8	5	20	15.65	Yes	
7	11.45	261.1	6.25	20	15.65	Yes	
±□□							

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 10-29-18.mtw
 Equation: $Q = 0.869346 \cdot A - 11.0768$
 RSD: 6.145 %
 Correlation coefficient: 0.998458

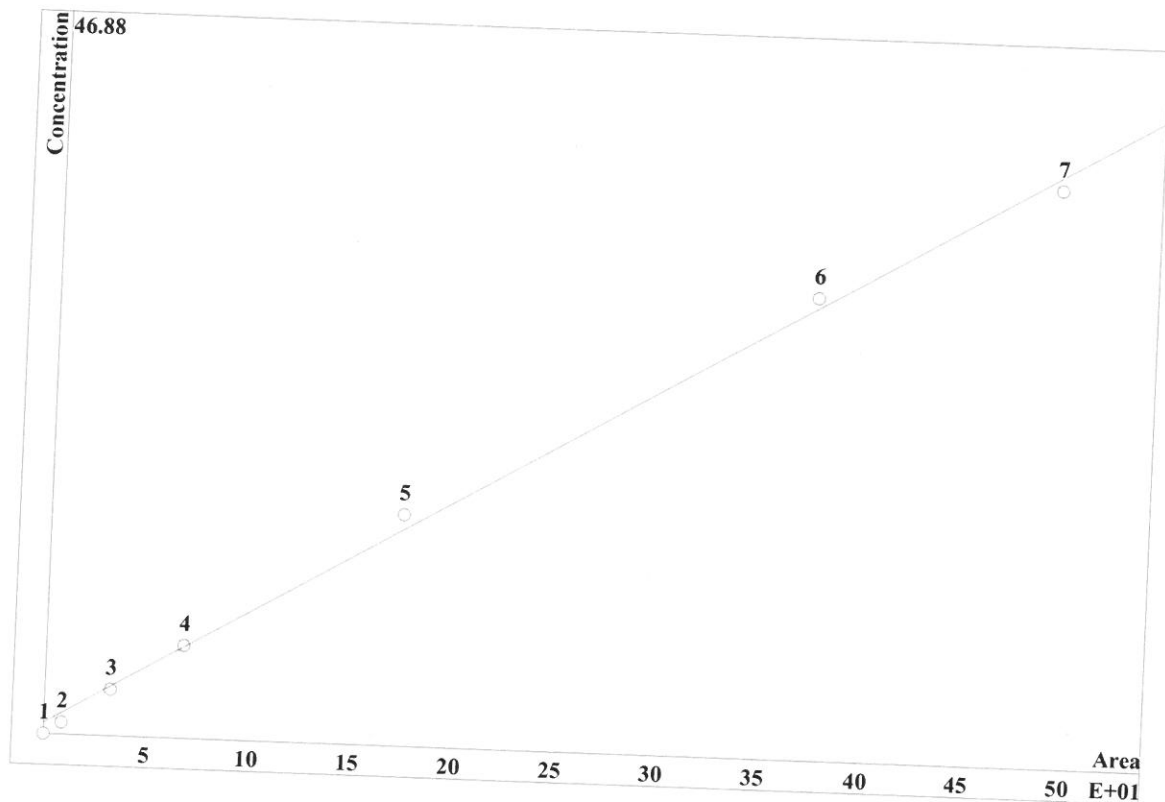


K3 = 0 K2 = 0 K1 = 0.869346 K0 = -11.0768
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2226	9.164	0.25	20	21.48		Yes
3	0.897	36.14	1	20	21.48		Yes
4	1.643	65.05	2	20	21.48		Yes
5	3.712	136	5	20	21.48		Yes
6	6.89	239.4	10	20	21.48		Yes
7	8.843	298.2	12.5	20	21.48		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 10-29-18.mtw
 Equation: $Q = 1.53073 \cdot A + 14.7479$
 RSD: 5.311 %
 Correlation coefficient: 0.998848



K3 = 0 K2 = 0 K1 = 1.53073 K0 = 14.7479
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.2771	8.728	0.75	20	25.17			Yes
3	1.07	32.57	3	20	25.17			Yes
4	2.252	67.88	6	20	25.17			Yes
5	5.86	173.6	15	20	25.17			Yes
6	12.76	373.2	30	20	25.17			Yes
7	16.83	491.5	37.5	20	25.17			Yes

Report date: 10/30/2018 11:05:00 AM
Printed by: wet

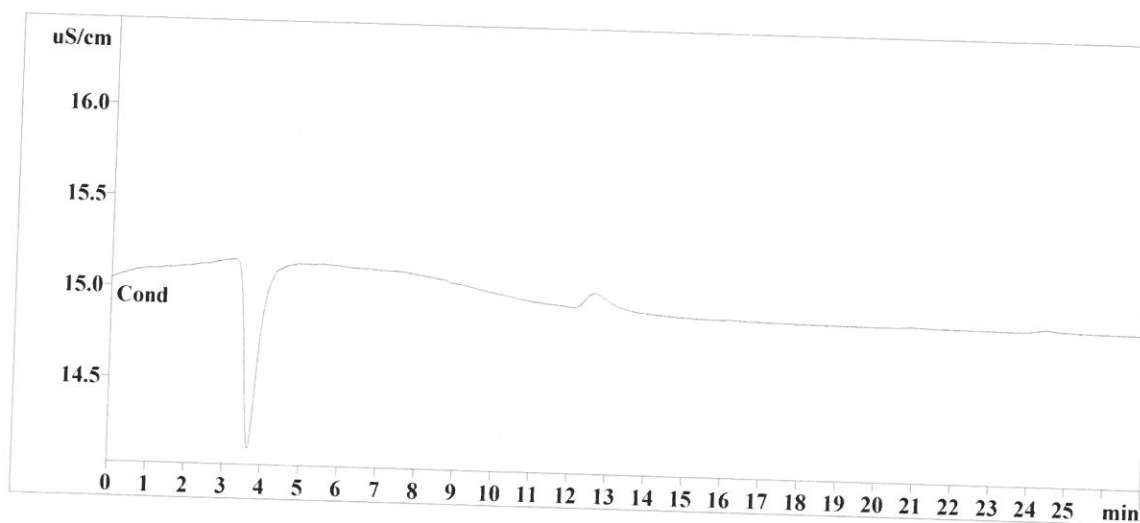
Ident: STD1
Analysis from: 10/29/2018 11:00:04 AM
File: _2018-10-29_

Last save: 10/29/2018 4:23:02 PM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64700

Last save: 10/29/2018 9:57:54 AM

SAMPLE:
:
Vial number: 2
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 10/29/2018 4:21:58 PM
Printed by: wet

Ident: STD2
Analysis from: 10/29/2018 12:27:45 PM
File: _2018-10-29_

Last save: 10/29/2018 12:54:34 PM

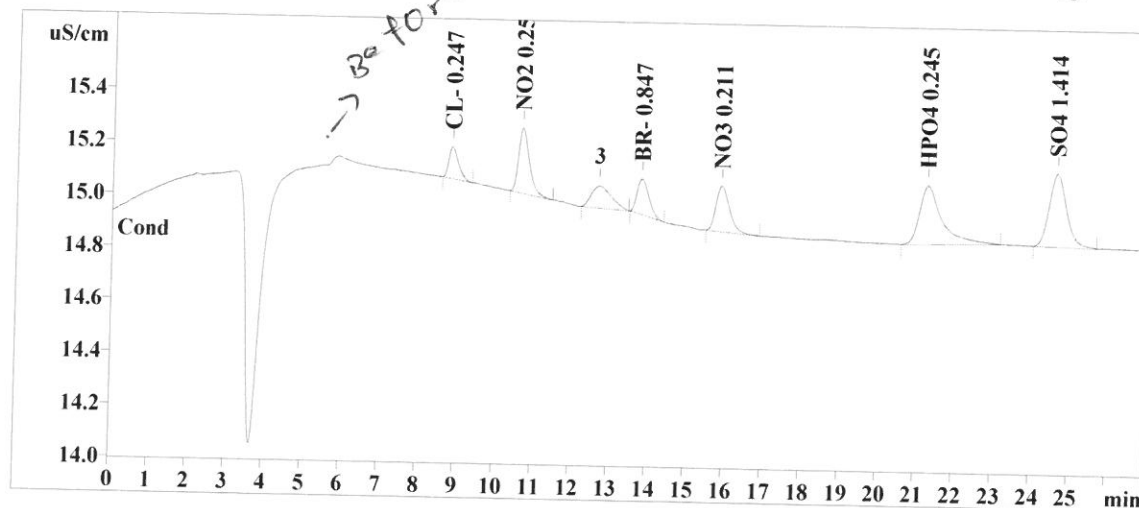
Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64701

Last save: 10/29/2018 11:26:54 AM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

AK 10-30-18

Before Peak was not integrated by software.



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.84	0.260	0.12	9.58	2.068	5.89	0.
3	10.66	0.296	0.25	19.54	4.897	13.93	0.
4	13.81	0.338	0.14	10.74	2.916	8.30	0.
5	15.88	0.380	0.17	13.68	4.309	12.26	0.
6	21.26	0.546	0.22	17.62	9.164	26.08	0.
7	24.63	0.476	0.28	21.92	8.728	24.84	0.
7	27.00	0.328	1.17	93.07	32.083	91.29	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/29/2018 4:22:11 PM
 Printed by: wet

Ident: STD2
 Analysis from: 10/29/2018 12:27:45 PM
 File: 2018-10-29
 Modified! Manual peaks!
 Method: ANIONS 10-29-18.mtw
 Run operator: wet
 Analysis number: 64701

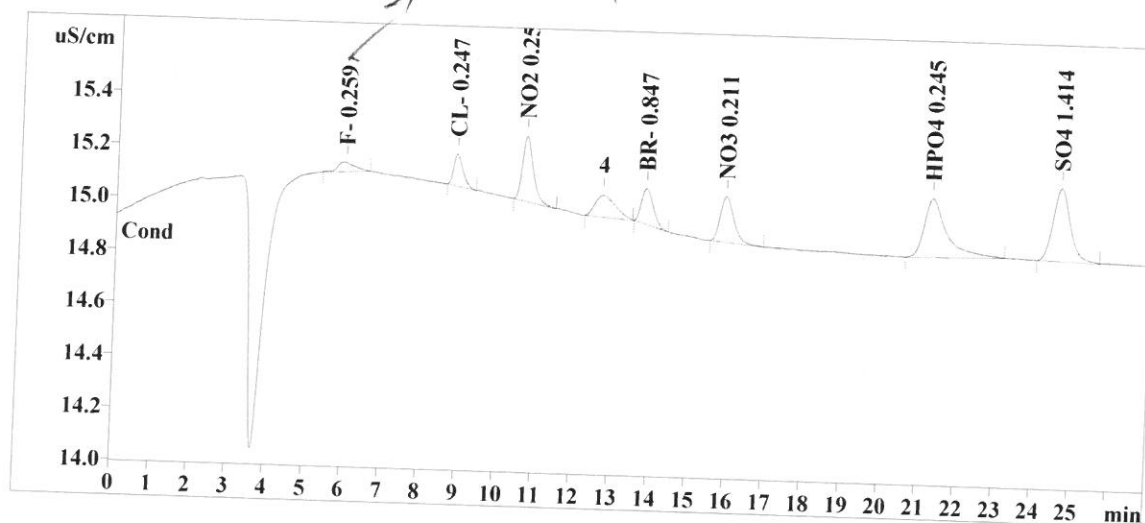
Last save: 10/29/2018 12:54:34 PM

Last save: 10/29/2018 11:26:54 AM

SAMPLE:

: AK/AP
 Vial number: 3
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000

After 10-30-12



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.92	0.487	0.03	2.67	1.090	3.01	0.
2	8.84	0.260	0.12	9.33	2.068	5.71	0.
3	10.66	0.296	0.25	19.04	4.897	13.51	0.
4	13.81	0.338	0.14	10.46	2.916	8.05	0.
5	15.88	0.380	0.17	13.33	4.309	11.89	0.
6	21.26	0.546	0.22	17.17	9.164	25.29	0.
7	24.63	0.476	0.28	21.35	8.728	24.09	0.
7	27.00	0.398	1.21	93.35	33.173	91.55	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/30/2018 11:05:15 AM
Printed by: wet

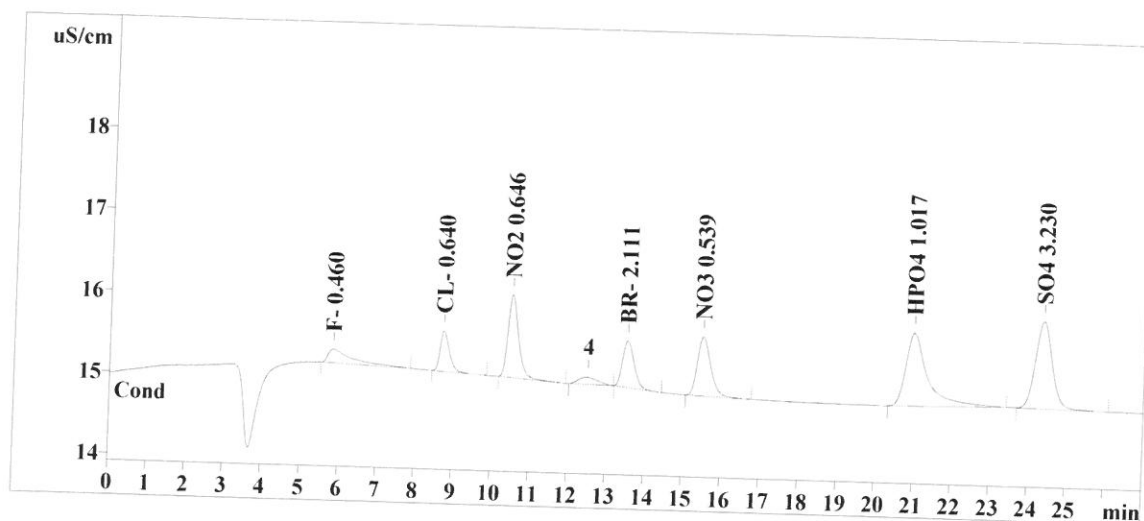
Ident: STD3
Analysis from: 10/29/2018 12:57:40 PM
File: _2018-10-29_

Last save: 10/29/2018 4:23:02 PM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64702

Last save: 10/29/2018 9:57:54 AM

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.83	0.554	0.17	3.32	7.427	5.42	0.
2	8.72	0.256	0.50	9.90	8.526	6.22	0.
3	10.49	0.289	1.01	20.11	19.821	14.47	0.
4	13.53	0.329	0.57	11.36	12.121	8.85	0.
5	15.49	0.362	0.72	14.34	17.321	12.64	0.
6	20.98	0.521	0.90	17.83	36.141	26.38	0.
7	24.36	0.461	1.07	21.28	32.565	23.77	0.
7	27.00	0.396	4.93	98.13	133.922	97.75	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2018 11:05:23 AM
 Printed by: wet

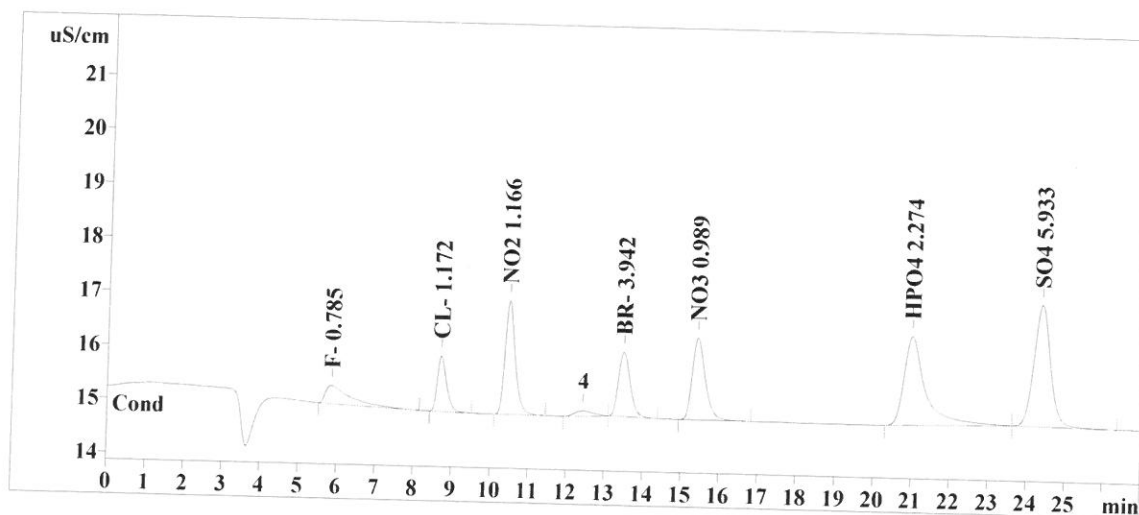
Ident: STD4
 Analysis from: 10/29/2018 1:27:35 PM
 File: _2018-10-29_

Last save: 10/29/2018 4:23:04 PM

Method: ANIONS 10-29-18.mtw
 Run operator: wet
 Analysis number: 64703

Last save: 10/29/2018 9:57:54 AM

SAMPLE:
 : AK/AP
 Vial number: 5
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.84	0.622	0.34	3.31	15.320	5.68	0.
2	8.69	0.254	1.03	10.09	17.226	6.38	0.
3	10.45	0.282	2.11	20.73	39.657	14.70	0.
4	13.46	0.329	1.19	11.70	25.343	9.39	0.
5	15.40	0.357	1.51	14.88	36.057	13.36	0.
6	20.97	0.510	1.64	16.16	65.049	24.11	0.
7	24.35	0.455	2.25	22.15	67.885	25.16	0.
7	27.00	0.401	10.07	99.02	266.537	98.79	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/30/2018 11:05:31 AM
 Printed by: wet

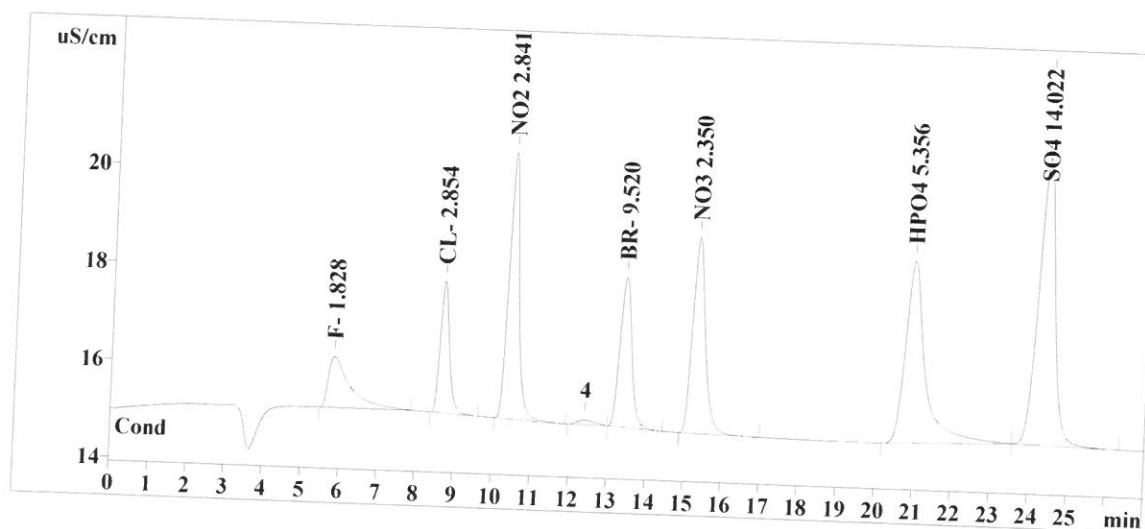
Ident: STD5
 Analysis from: 10/29/2018 1:57:31 PM
 File: _2018-10-29_

Last save: 10/29/2018 4:23:04 PM

Method: ANIONS 10-29-18.mtw
 Run operator: wet
 Analysis number: 64704

Last save: 10/29/2018 9:57:54 AM

SAMPLE:
 : AK/AP
 Vial number: 6
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.83	0.525	1.04	4.01	40.718	6.17	0.
2	8.67	0.251	2.68	10.36	44.694	6.77	0.
3	10.40	0.283	5.43	21.00	103.577	15.70	0.
4	13.38	0.333	3.05	11.81	65.619	9.94	0.
5	15.27	0.348	3.99	15.44	92.695	14.05	0.
6	20.91	0.479	3.71	14.36	135.952	20.60	0.
7	24.32	0.448	5.86	22.66	173.574	26.30	0.
7	27.00	0.381	25.76	99.62	656.829	99.53	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/30/2018 11:05:39 AM
 Printed by: wet

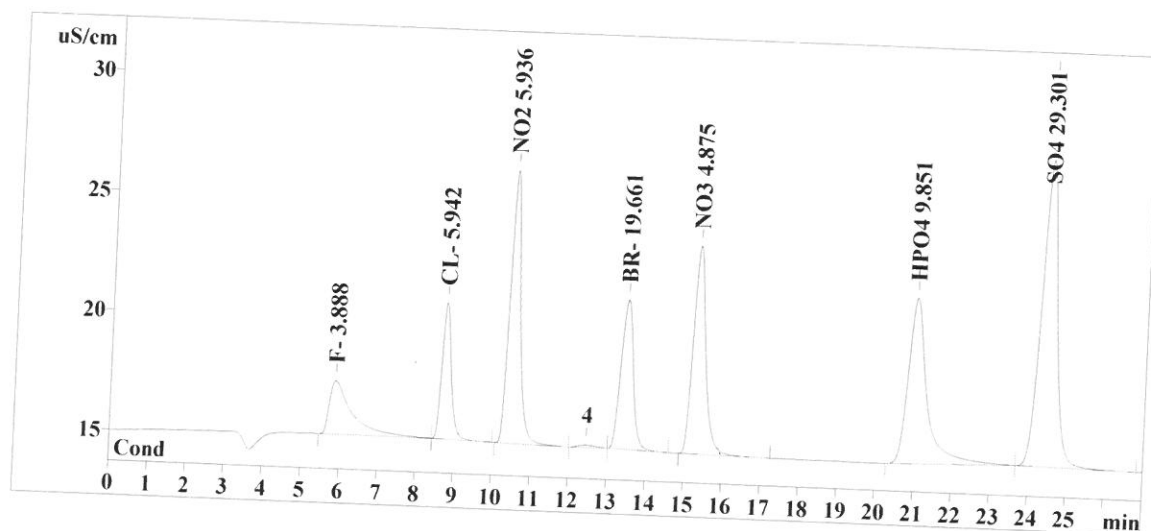
Ident: STD6
 Analysis from: 10/29/2018 2:27:26 PM
 File: _2018-10-29_

Last save: 10/29/2018 4:23:04 PM

Method: ANIONS 10-29-18.mtw
 Run operator: wet
 Analysis number: 64705

Last save: 10/29/2018 9:57:54 AM

SAMPLE:
 : AK/AP
 Vial number: 7
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.86	0.529	2.23	4.13	90.851	6.68	0.
2	8.71	0.251	5.68	10.53	95.151	7.00	0.
3	10.43	0.290	11.35	21.07	221.657	16.30	0.
4	13.43	0.348	6.22	11.54	138.830	10.21	0.
5	15.27	0.340	8.67	16.08	197.776	14.54	0.
6	20.97	0.462	6.89	12.79	239.364	17.60	0.
7	24.40	0.442	12.76	23.68	373.207	27.45	0.
7	27.00	0.380	53.79	99.82	1356.836	99.78	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/30/2018 11:05:48 AM
Printed by: wet

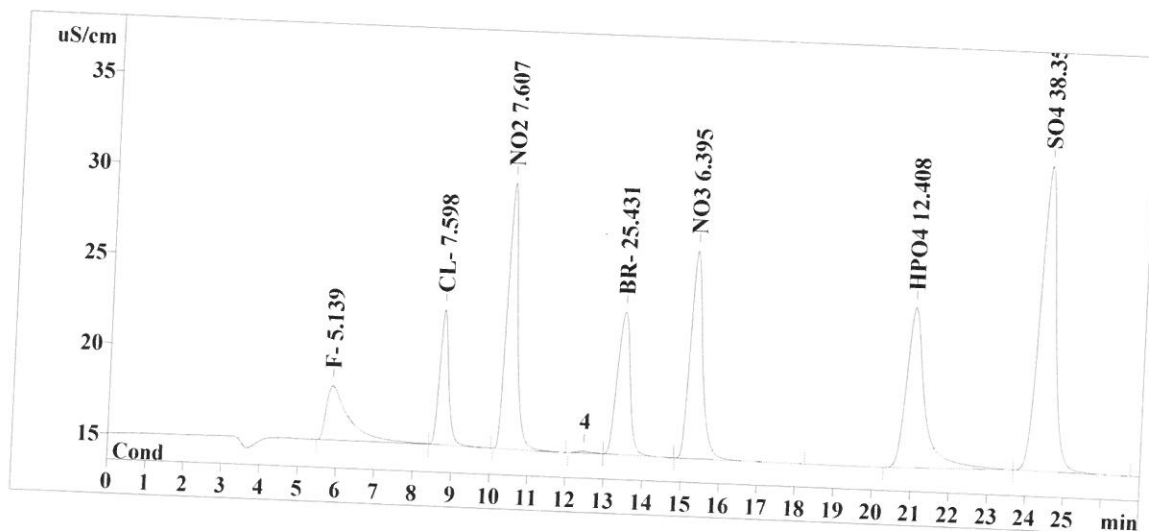
Ident: STD7
Analysis from: 10/29/2018 2:57:21 PM
File: _2018-10-29_

Last save: 10/29/2018 4:23:24 PM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64706

Last save: 10/29/2018 9:57:54 AM

SAMPLE:
:
Vial number: AK/AP
8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.85	0.539	2.98	4.25	121.323	6.88	0.
2	8.70	0.245	7.45	10.61	122.192	6.93	0.
3	10.41	0.290	14.66	20.89	285.387	16.19	0.
4	13.42	0.360	7.86	11.20	180.489	10.24	0.
5	15.25	0.338	11.45	16.32	261.068	14.81	0.
6	20.97	0.453	8.84	12.60	298.208	16.91	0.
7	24.40	0.441	16.83	23.98	491.537	27.88	0.
7	27.00	0.381	70.09	99.85	1760.204	99.84	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2018 11:06:47 AM
Printed by: wet

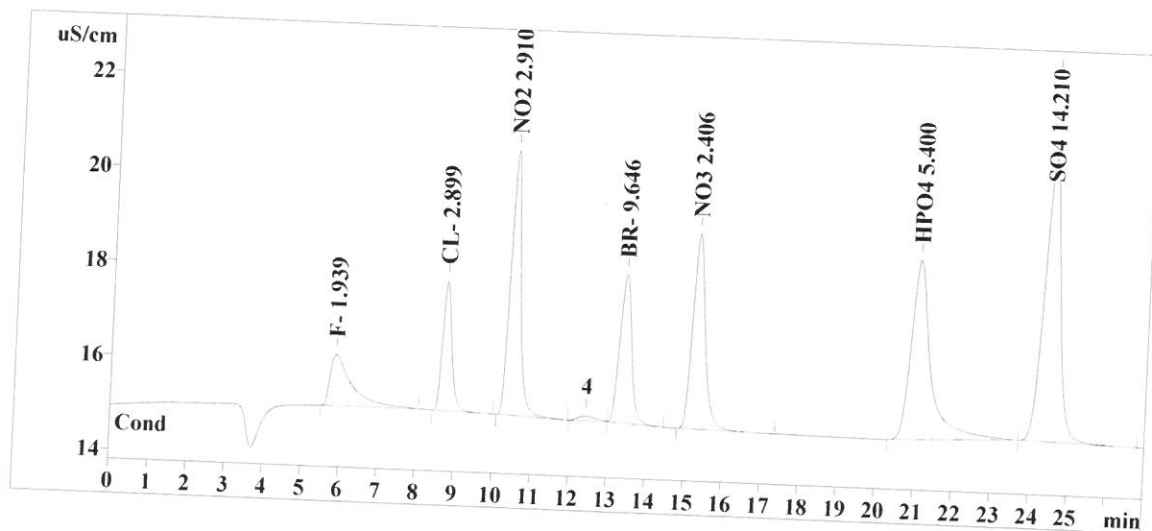
Ident: ICV
Analysis from: 10/29/2018 4:27:06 PM
File: _2018-10-29_

Last save: 10/30/2018 9:40:28 AM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64709

Last save: 10/29/2018 9:57:54 AM

SAMPLE:
: AK/AP
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.86	0.519	1.08	4.09	42.755	6.36	0.
2	8.71	0.249	2.73	10.31	45.431	6.76	0.
3	10.42	0.282	5.59	21.07	106.191	15.80	0.
4	13.37	0.331	3.12	11.77	66.525	9.90	0.
5	15.24	0.345	4.12	15.53	95.042	14.14	0.
6	21.03	0.474	3.78	14.26	136.970	20.38	0.
7	24.44	0.445	5.99	22.58	176.029	26.20	0.
7	27.00	0.378	26.41	99.62	668.942	99.55	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/30/2018 11:07:03 AM
Printed by: wet

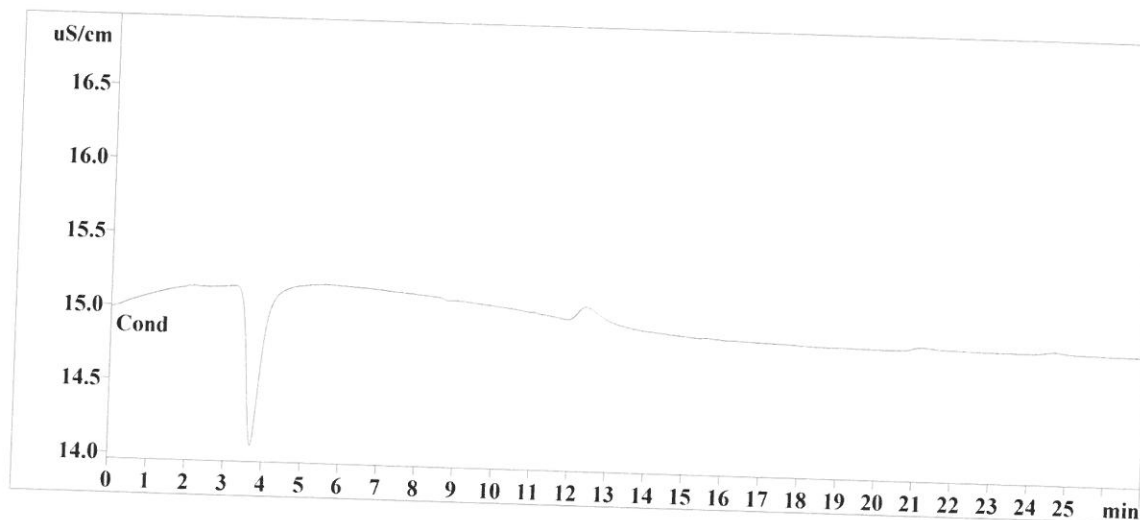
Ident: ICB
Analysis from: 10/29/2018 4:57:01 PM
File: _2018-10-29_

Last save: 10/30/2018 11:07:02 AM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64710

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
:
Vial number: 12
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/5/2018 1:36:56 PM
 Printed by: wet

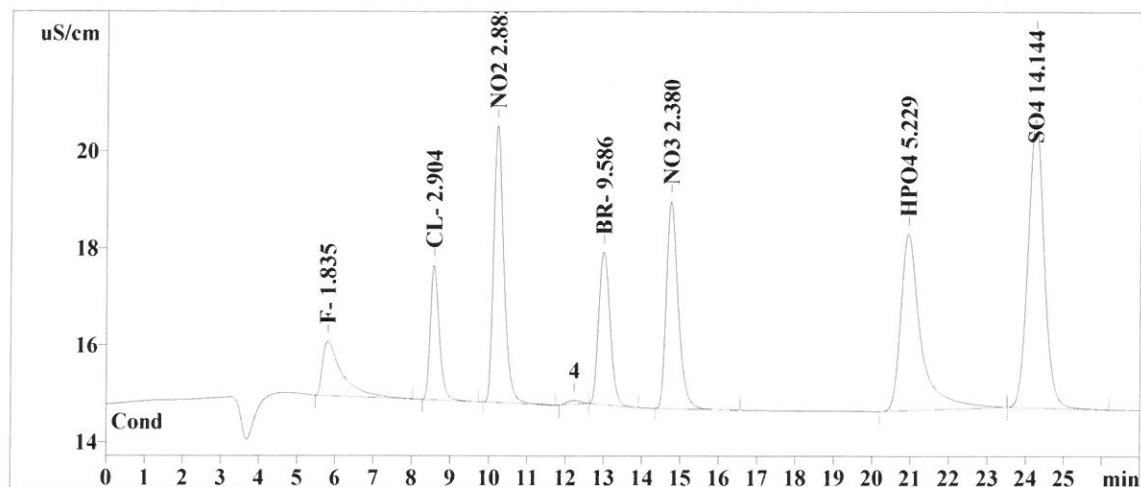
Ident: CCV
 Analysis from: 11/2/2018 10:29:36 AM
 File: _2018-11-02_

Last save: 11/2/2018 10:56:26 AM

Method: ANIONS 10-29-18.mtw
 Run operator: wet
 Analysis number: 64776

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
 : AK/AP
 Vial number: 2
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.477	1.12	4.19	40.195	6.08	0.
2	8.56	0.247	2.77	10.40	45.520	6.88	0.
3	10.21	0.275	5.71	21.40	105.239	15.92	0.
4	12.99	0.329	3.14	11.80	66.091	10.00	0.
5	14.75	0.332	4.26	15.99	93.957	14.21	0.
6	20.93	0.482	3.64	13.64	133.043	20.12	0.
7	24.24	0.447	5.94	22.28	175.172	26.49	0.
7	27.00	0.370	26.57	99.70	659.217	99.70	0.

This report has been created by IC Net
 METROHM LTD

Report date: 11/5/2018 1:37:03 PM
Printed by: wet

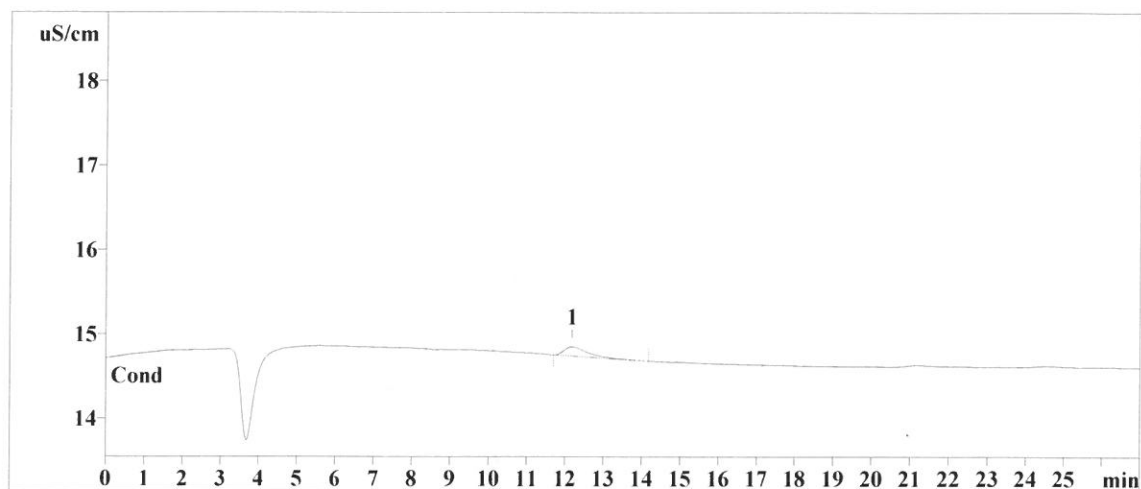
Ident: CCB
Analysis from: 11/2/2018 11:06:15 AM
File: _2018-11-02_

Last save: 11/2/2018 11:33:06 AM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64777

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/5/2018 1:37:11 PM
Printed by: wet

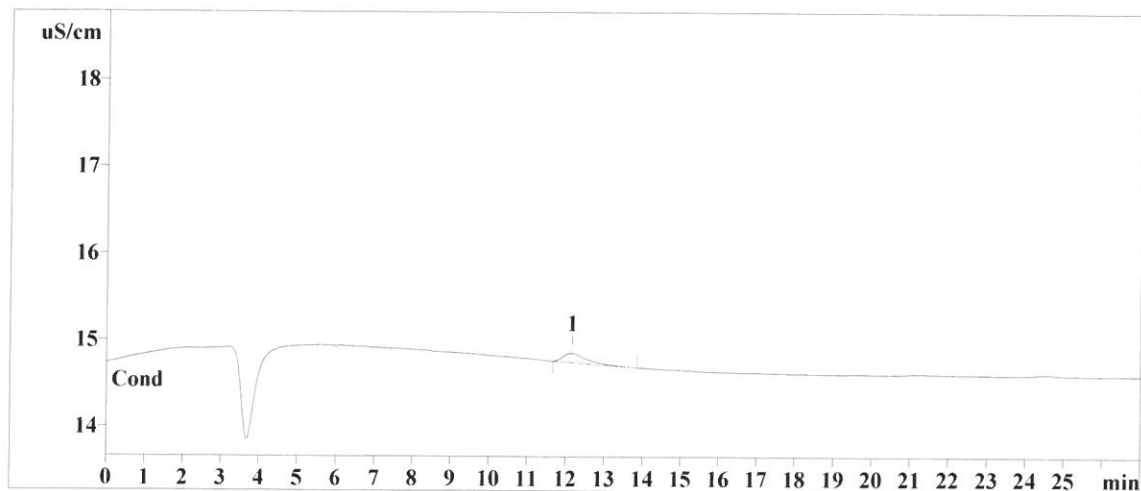
Ident: LB99001BLW
Analysis from: 11/2/2018 11:36:11 AM
File: _2018-11-02_

Last save: 11/5/2018 1:36:50 PM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64778

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/5/2018 1:37:20 PM
 Printed by: wet

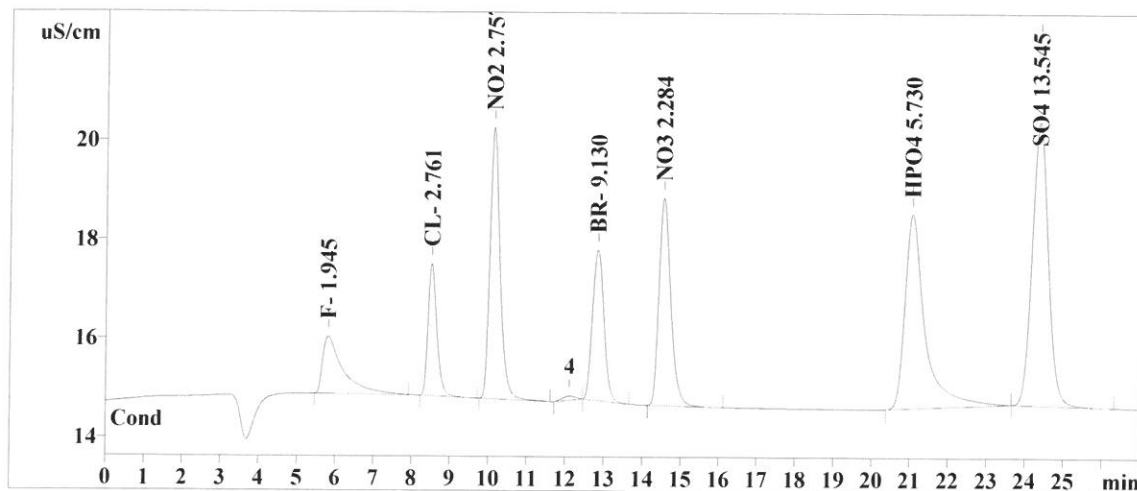
Ident: LB99001BSW
 Analysis from: 11/2/2018 12:06:06 PM
 File: _2018-11-02_

Last save: 11/5/2018 1:36:50 PM

Method: ANIONS 10-29-18.mtw
 Run operator: wet
 Analysis number: 64779

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
 : AK/AP
 Vial number: 5
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.490	1.15	4.37	42.902	6.57	0.
2	8.51	0.244	2.67	10.16	43.173	6.61	0.
3	10.11	0.272	5.49	20.88	100.373	15.37	0.
4	12.82	0.325	3.04	11.56	62.802	9.62	0.
5	14.54	0.324	4.20	15.97	89.966	13.78	0.
6	21.05	0.480	3.93	14.94	144.561	22.14	0.
7	24.35	0.443	5.73	21.82	167.338	25.62	0.
7	27.00	0.368	26.20	99.69	651.113	99.70	0.

This report has been created by IC Net
 METROHM LTD

Report date: 11/5/2018 1:38:08 PM
Printed by: wet

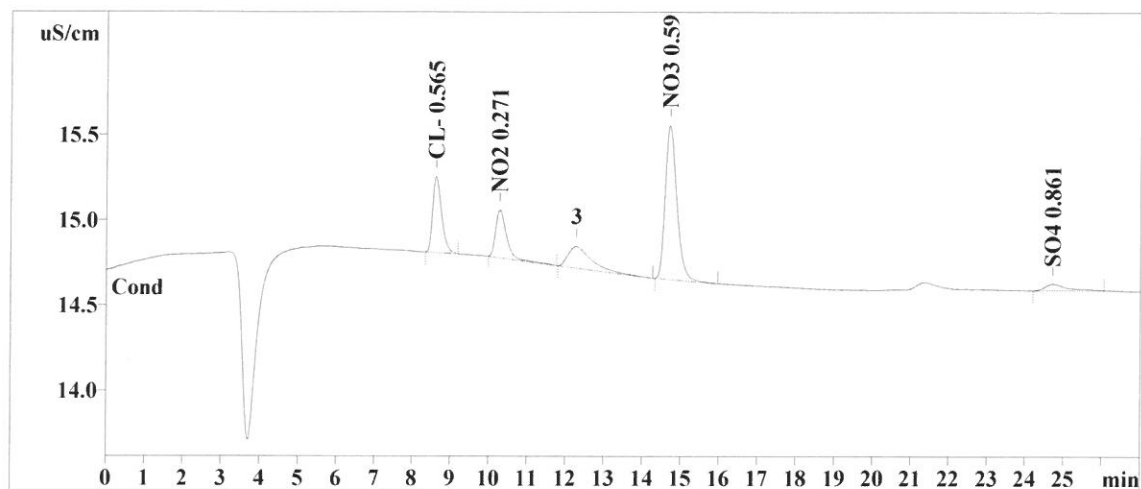
Ident: J5799-01
Analysis from: 11/2/2018 12:36:01 PM
File: _2018-11-02_

Last save: 11/5/2018 1:38:08 PM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64780

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.62	0.250	0.45	24.77	7.302	18.53	0.
3	10.28	0.281	0.28	15.62	5.535	14.04	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	14.71	0.326	0.90	50.21	19.469	49.39	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.72	0.529	0.04	2.16	1.619	4.11	0.
7	27.00	0.198	1.67	92.76	33.925	86.07	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/5/2018 1:38:17 PM
Printed by: wet

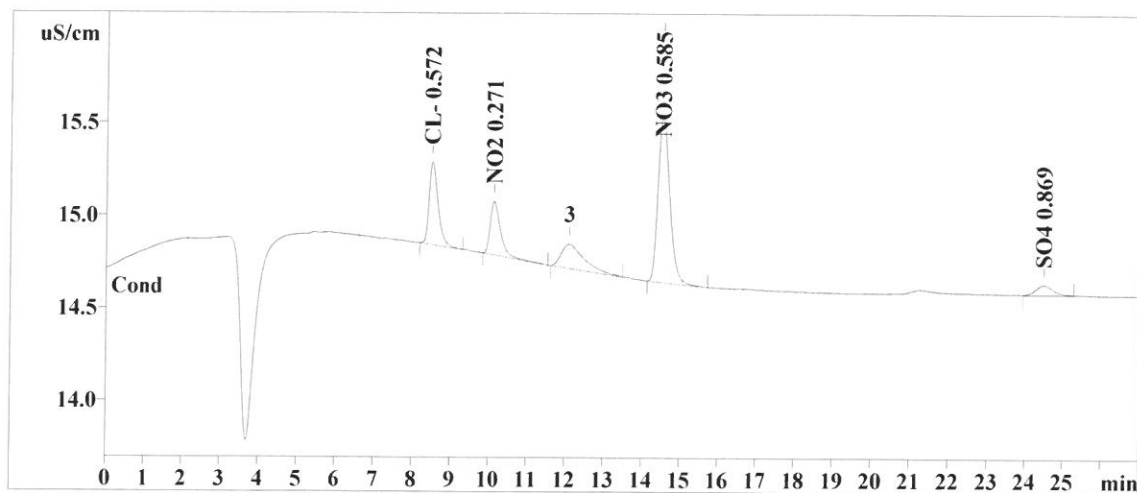
Ident: J5799-01DUP
Analysis from: 11/2/2018 1:05:56 PM
File: _2018-11-02_

Last save: 11/2/2018 2:11:20 PM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64781

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.51	0.249	0.45	24.51	7.416	18.84	0.
3	10.13	0.274	0.29	15.86	5.517	14.01	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	14.53	0.326	0.90	49.35	19.235	48.85	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.49	0.493	0.05	2.93	1.723	4.38	0.
7	27.00	0.192	1.69	92.65	33.891	86.08	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/5/2018 1:38:32 PM
Printed by: wet

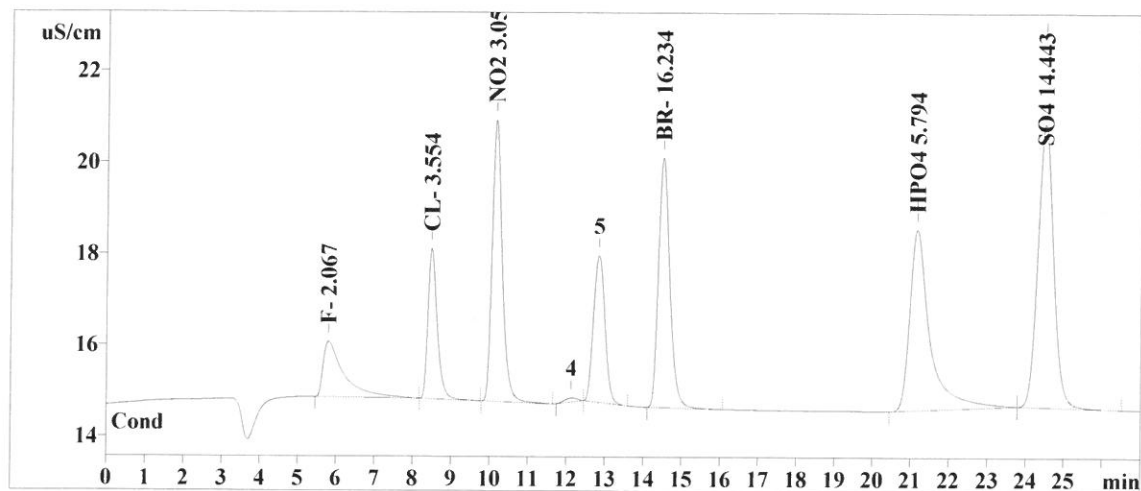
Ident: J5799-01MS
Analysis from: 11/2/2018 1:35:51 PM
File: _2018-11-02_

Last save: 11/2/2018 2:02:40 PM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64782

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
: AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.490	1.21	4.11	45.914	6.37	0.
2	8.48	0.256	3.28	11.10	56.139	7.78	0.
3	10.14	0.270	6.16	20.83	111.887	15.51	0.
4	14.49	0.316	5.46	18.47	114.092	15.82	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.16	0.478	3.96	13.38	146.040	20.25	0.
7	24.48	0.439	6.19	20.95	179.077	24.83	0.
7	27.00	0.321	26.26	88.84	653.148	90.56	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/5/2018 1:38:41 PM
 Printed by: wet

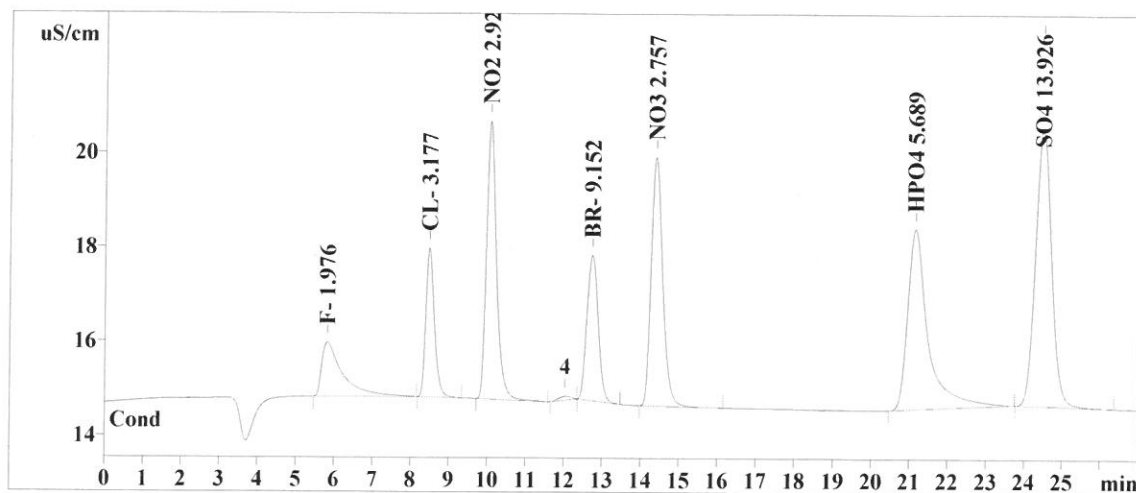
Ident: J5799-01MSD
 Analysis from: 11/2/2018 2:05:46 PM
 File: _2018-11-02_

Last save: 11/2/2018 3:04:06 PM

Method: ANIONS 10-29-18.mtw
 Run operator: wet
 Analysis number: 64783

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
 : AK/AP
 Vial number: 10
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.500	1.15	4.04	43.686	6.32	0.
2	8.47	0.240	3.15	11.10	49.981	7.24	0.
3	10.05	0.268	5.89	20.78	106.682	15.44	0.
4	12.73	0.323	3.08	10.85	62.958	9.11	0.
5	14.38	0.315	5.27	18.59	109.614	15.87	0.
6	21.14	0.486	3.82	13.48	143.613	20.79	0.
7	24.47	0.443	5.92	20.86	172.314	24.95	0.
7	27.00	0.368	28.28	99.70	688.848	99.73	0.

This report has been created by IC Net
 METROHM LTD

Report date: 11/5/2018 1:38:51 PM
Printed by: wet

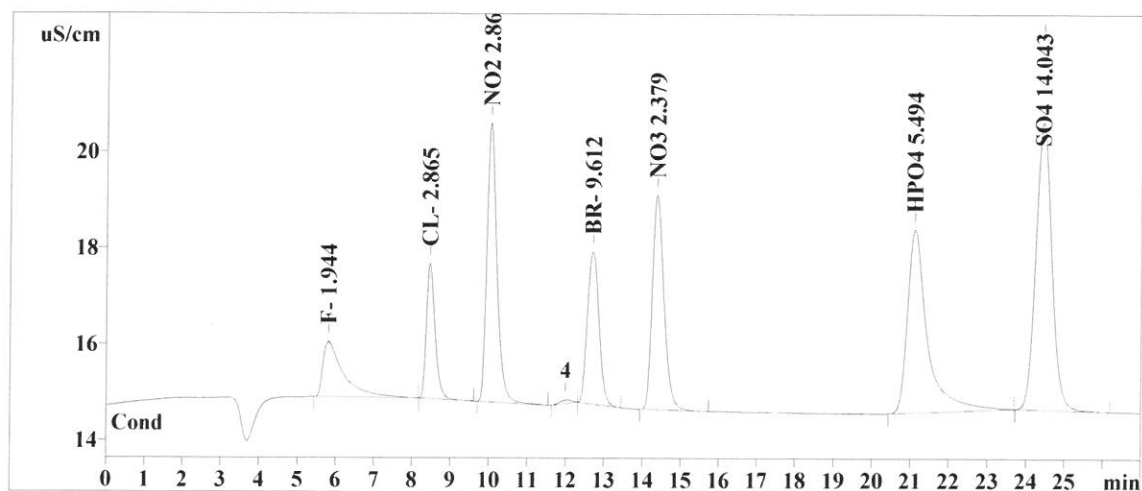
Ident: CCV
Analysis from: 11/2/2018 2:35:41 PM
File: _2018-11-02_

Last save: 11/2/2018 3:03:40 PM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64784

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.491	1.15	4.21	42.900	6.43	0.
2	8.45	0.241	2.80	10.30	44.880	6.73	0.
3	10.03	0.268	5.80	21.29	104.573	15.67	0.
4	12.69	0.331	3.16	11.62	66.284	9.94	0.
5	14.36	0.320	4.46	16.38	93.907	14.08	0.
6	21.10	0.477	3.81	13.98	139.125	20.85	0.
7	24.42	0.443	5.97	21.93	173.845	26.06	0.
7	27.00	0.367	27.15	99.72	665.514	99.75	0.

This report has been created by IC Net
METROHM LTD

Report date: 11/5/2018 1:39:01 PM
Printed by: wet

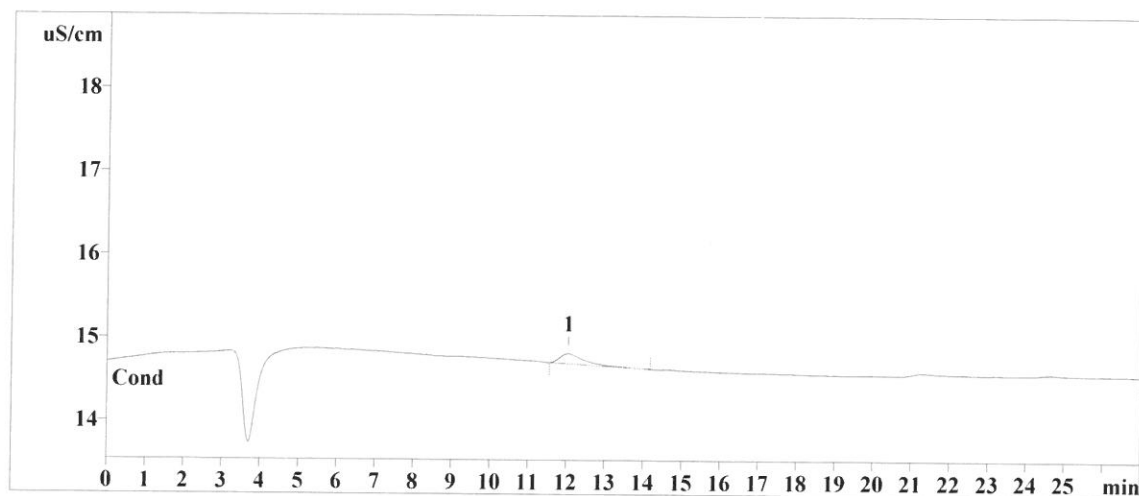
Ident: CCB
Analysis from: 11/2/2018 3:05:36 PM
File: _2018-11-02_

Last save: 11/2/2018 3:32:26 PM

Method: ANIONS 10-29-18.mtw
Run operator: wet
Analysis number: 64785

Last save: 10/29/2018 3:24:10 PM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD