

Clear table

1-C-1 300.0

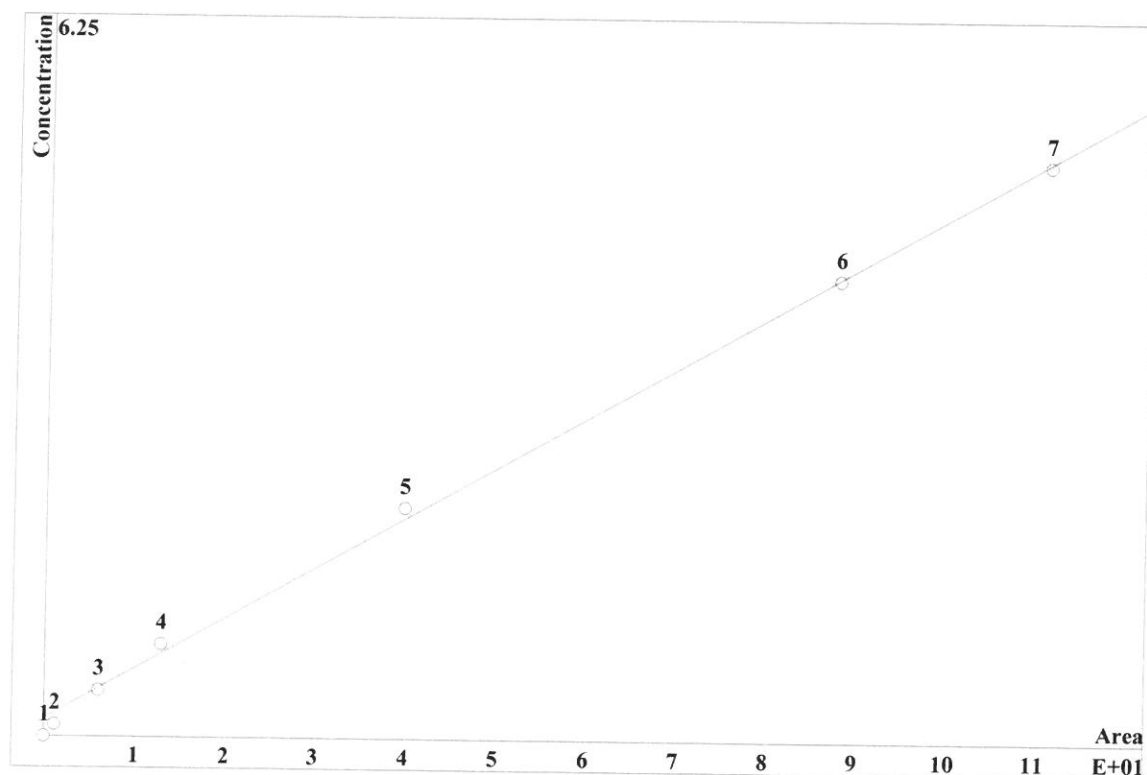
10/18/18 AK

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	2018-10-09_	10/9/18 13:09		AK/AP
STD2	0.2080	0.2410	0.2380	0.7970	0.2010	0.1680	1.3510	2018-10-09_	10/9/18 13:39		AK/AP
STD3	0.4200	0.6230	0.6270	2.0440	0.5130	1.0010	3.2010	2018-10-09_	10/9/18 14:09		AK/AP
STD4	0.7230	1.2210	1.2240	4.0640	1.0100	2.1590	6.0420	2018-10-09_	10/9/18 14:39		AK/AP
STD5	1.9050	2.8150	2.7940	9.3800	2.3560	4.8930	13.7910	2018-10-09_	10/9/18 15:09		AK/AP
STD6	4.0140	5.9540	5.9940	20.0350	4.9800	10.0720	29.8690	2018-10-09_	10/9/18 15:39		AK/AP
STD7	5.0290	7.5970	7.5720	25.1790	6.3140	12.4580	37.9970	2018-10-09_	10/9/18 16:09		AK/AP
ICV	2.0790	3.0350	2.9690	9.9510	2.4550	5.4830	14.6680	2018-10-09_	10/9/18 16:40		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-09_	10/9/18 17:10		AK/AP
CCV	2.1550	3.0320	3.0510	10.1180	2.5090	7.5340	14.8970	2018-10-17_	10/17/18 9:07		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-17_	10/17/18 10:39		AK/AP
LB98662BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-17_	10/17/18 11:09		AK/AP
LB98662BSW	2.0170	2.7900	2.7900	9.2590	2.3120	7.4460	13.7110	2018-10-17_	10/17/18 11:39		AK/AP
J5569-01	0.0000	110.7250	0.0000	0.9450	0.2240	0.0000	239.2420	2018-10-17_	10/17/18 12:40		AK/AP
J5569-02	0.0000	20.3430	0.0000	0.0000	0.0000	0.0000	1.1700	2018-10-17_	10/17/18 13:10		AK/AP
J5569-05	0.0000	48.0500	0.0000	0.0000	0.0000	0.0000	32.4710	2018-10-17_	10/17/18 13:40		AK/AP
J5569-07	0.0000	33.2510	0.0000	0.0000	0.9650	0.0000	23.3260	2018-10-17_	10/17/18 14:10		AK/AP
J5569-08	0.0000	47.7430	0.0000	0.0000	0.0000	0.0000	65.1690	2018-10-17_	10/17/18 14:40		AK/AP
J5569-09	0.0000	48.1360	0.0000	0.0000	0.0000	0.0000	32.6580	2018-10-17_	10/17/18 15:09		AK/AP
J5569-13	0.0000	20.5930	0.0000	0.0000	0.0000	0.0000	246.6200	2018-10-17_	10/17/18 15:39		AK/AP
J5569-12	0.0000	58.8140	0.0000	0.0000	0.6690	0.0000	210.5610	2018-10-17_	10/17/18 16:08		AK/AP
CCV	1.9700	2.8840	2.8590	9.7130	2.3750	7.8150	14.4160	2018-10-17_	10/17/18 16:39		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-17_	10/17/18 17:08		AK/AP
J5569-06	0.0000	45.6760	0.0000	0.0000	0.9630	0.0000	23.4360	2018-10-17_	10/17/18 17:37		AK/AP
J5566-01	0.0000	0.1630	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-17_	10/17/18 18:06		AK/AP
J5569-02DUP	0.0000	20.7340	0.0000	0.0000	0.0000	0.0000	240.7020	2018-10-17_	10/17/18 18:35		AK/AP
J5569-03MS	2.5760	22.3880	1.5230	9.9740	2.4300	7.9490	236.0720	2018-10-17_	10/17/18 19:04		AK/AP
J5569-04MSD	2.5360	21.5030	1.5360	10.0750	2.4470	7.7540	227.5880	2018-10-17_	10/17/18 19:33		AK/AP
J5569-01DLX20	0.0000	4.3850	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-17_	10/17/18 20:02		AK/AP
J5569-02DLX5	0.0000	3.5690	0.0000	0.0000	0.0000	0.0000	36.5740	2018-10-17_	10/17/18 20:31		AK/AP
J5569-02DLX10	0.0000	1.9580	0.0000	0.0000	0.0000	0.0000	18.9530	2018-10-17_	10/17/18 21:00		AK/AP
J5569-05DLX10	0.0000	3.8990	0.0000	0.0000	0.0000	0.0000	3.5210	2018-10-17_	10/17/18 21:29		AK/AP
J5569-07DLX5	0.0000	5.6360	0.0000	0.0000	0.2710	0.0000	4.8690	2018-10-17_	10/17/18 21:58		AK/AP
CCV	2.0720	3.0880	2.9880	9.9440	2.4690	7.4760	14.8100	2018-10-17_	10/17/18 22:27		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-17_			AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 0.875596 \cdot A + 3.16079$
 RSD: 4.082 %
 Correlation coefficient: 0.999320

IC-1 Cal
 10-9-18 AK

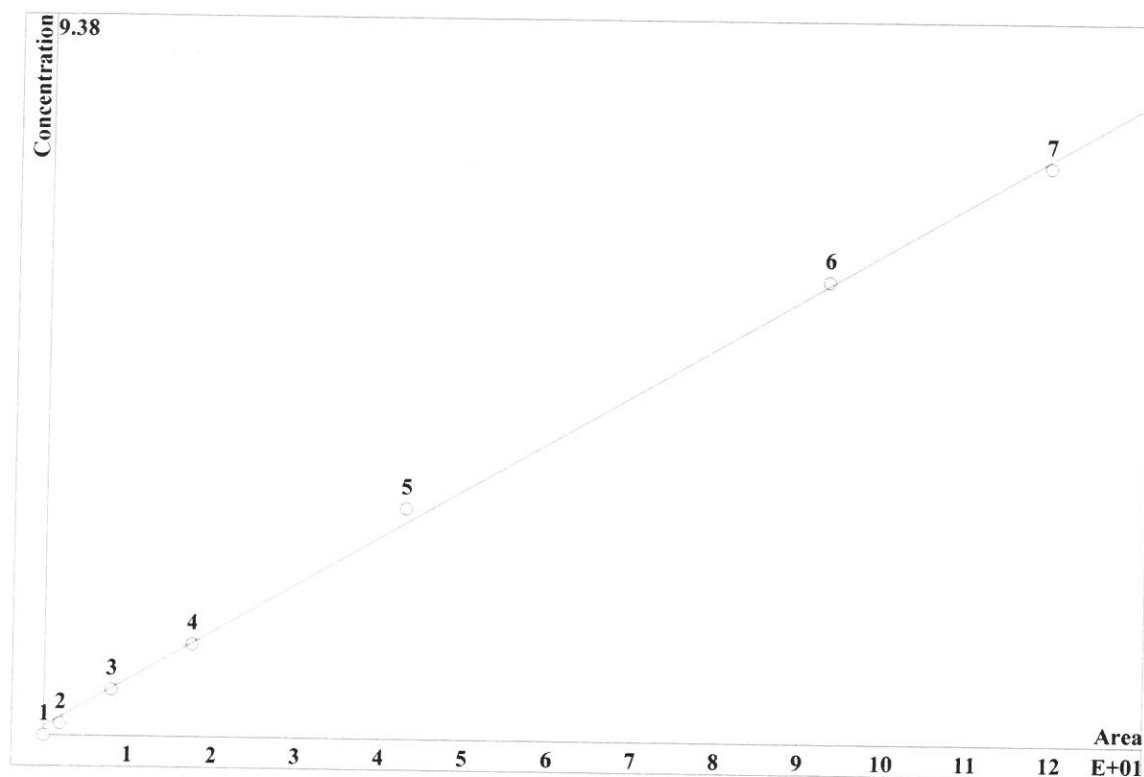


K3 = 0 K2 = 0 K1 = 0.875596 K0 = 3.16079
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.02985	1.139	0.1	20	5.913	Yes	
3	0.1726	5.984	0.4	20	5.913	Yes	
4	0.4044	12.91	0.8	20	5.913	Yes	
5	1.097	39.91	2	20	5.913	Yes	
6	2.433	88.08	4	20	5.913	Yes	
7	3.144	111.3	5	20	5.913	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 1.25459 \cdot A + 2.4076$
 RSD: 3.817 %
 Correlation coefficient: 0.999405



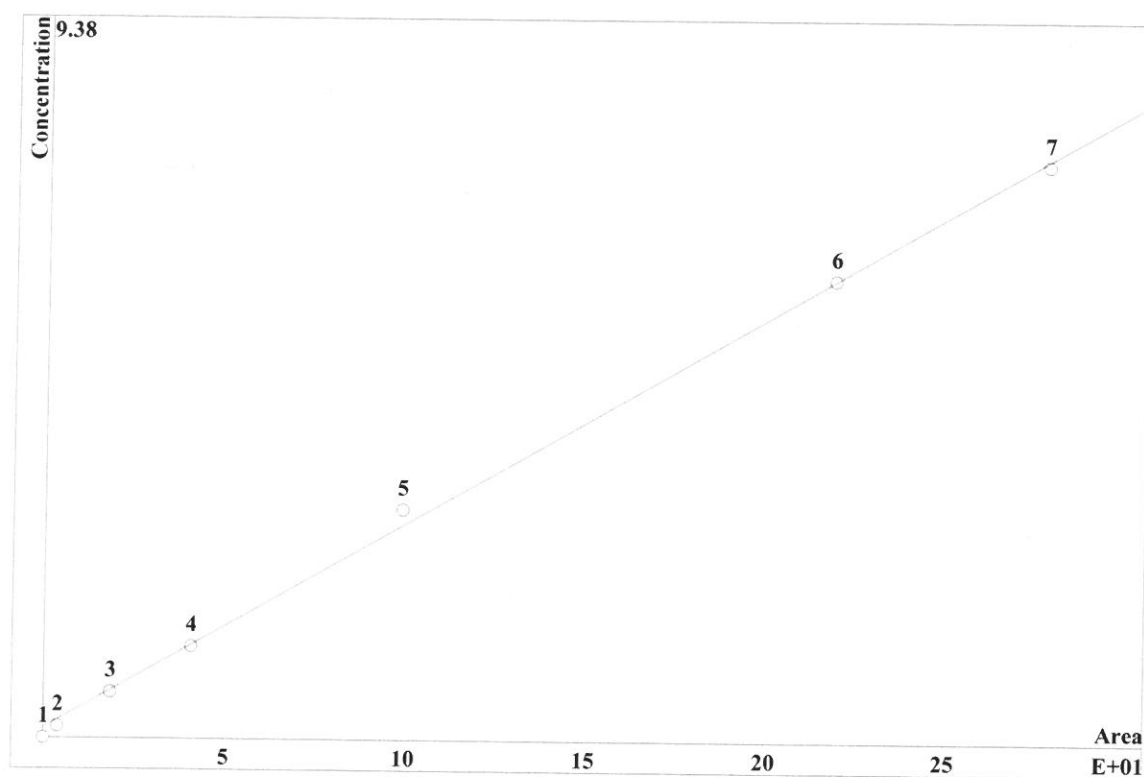
K3 = 0 K2 = 0 K1 = 1.25459 K0 = 2.4076

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.1178	1.923	0.15	20	8.858			Yes
3	0.4971	8.014	0.6	20	8.858			Yes
4	1.095	17.54	1.2	20	8.858			Yes
5	2.703	42.95	3	20	8.858			Yes
6	5.915	92.99	6	20	8.858			Yes
7	7.569	119.2	7.5	20	8.858			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 0.535758 \cdot A + 2.65017$
 RSD: 3.867 %
 Correlation coefficient: 0.999389



K3 = 0 K2 = 0 K1 = 0.535758 K0 = 2.65017

Base: Area

Ref.channel: Cond

ISTD:

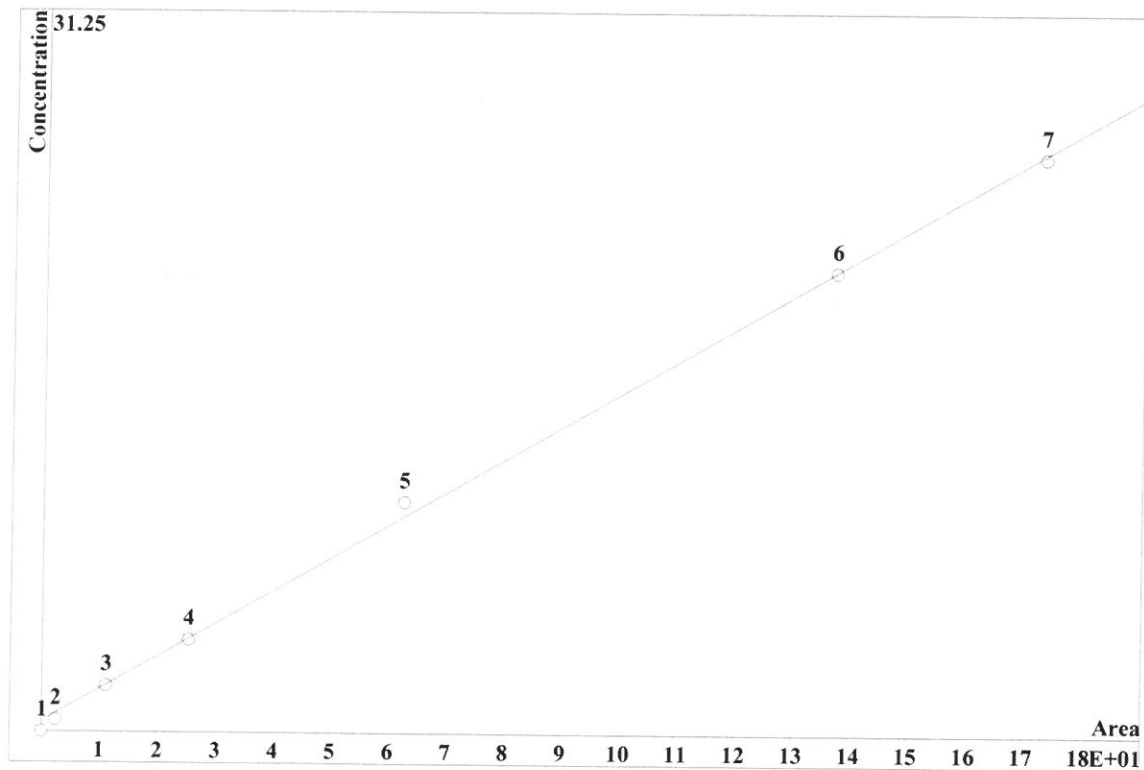
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2247	3.954	0.15	20	10.65		Yes
3	1.002	18.48	0.6	20	10.65		Yes
4	2.242	40.74	1.2	20	10.65		Yes
5	5.542	99.37	3	20	10.65		Yes
6	12	218.8	6	20	10.65		Yes
7	15.19	277.7	7.5	20	10.65		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 2.85249 \cdot A + 9.13358$
 RSD: 3.491 %
 Correlation coefficient: 0.999502

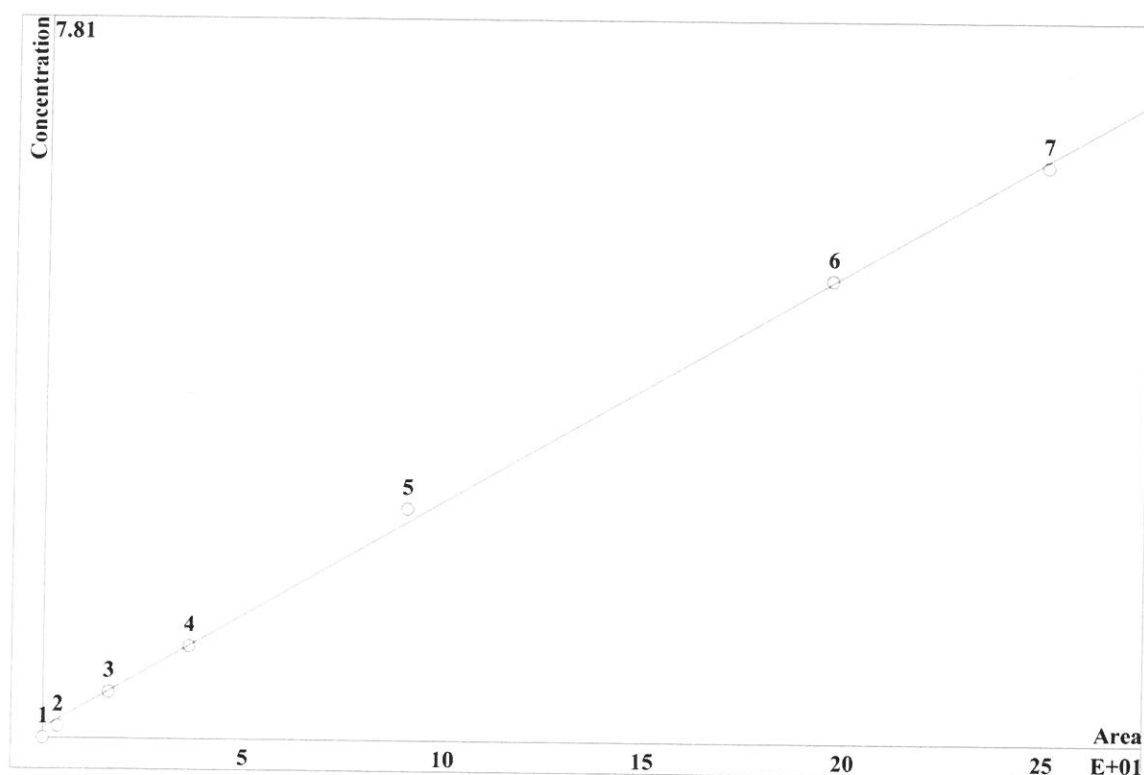


K3 = 0 K2 = 0 K1 = 2.85249 K0 = 9.13358
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1204	2.385	0.5	20	13.72			Yes
3	0.5487	11.13	2	20	13.72			Yes
4	1.23	25.3	4	20	13.72			Yes
5	3.007	62.56	10	20	13.72			Yes
6	6.261	137.3	20	20	13.72			Yes
7	7.728	173.3	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 0.496528 \cdot A + 2.17514$
 RSD: 3.454 %
 Correlation coefficient: 0.999513

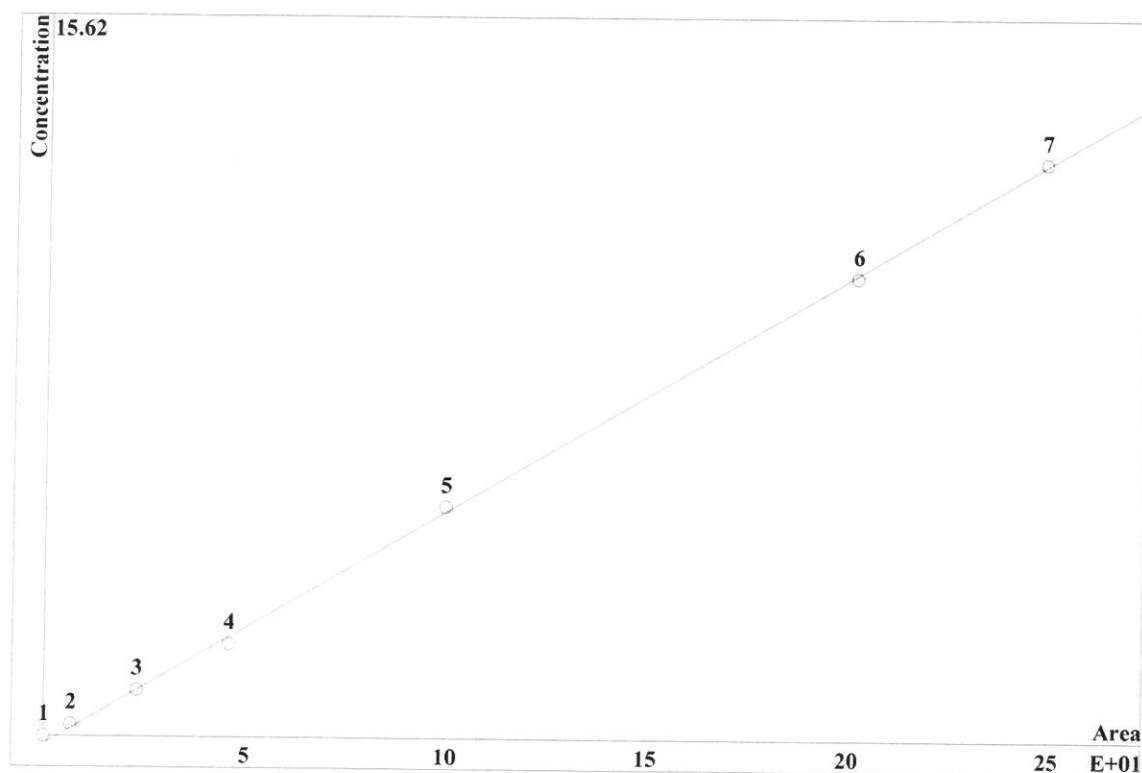


K3 = 0 K2 = 0 K1 = 0.496528 K0 = 2.17514
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1638	3.72	0.125	20	15.65			Yes
3	0.7232	16.29	0.5	20	15.65			Yes
4	1.614	36.32	1	20	15.65			Yes
5	4.071	90.51	2.5	20	15.65			Yes
6	9.097	196.2	5	20	15.65			Yes
7	11.71	250	6.25	20	15.65			Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 1.01662 \cdot A - 3.55994$
 RSD: 2.191 %
 Correlation coefficient: 0.999804



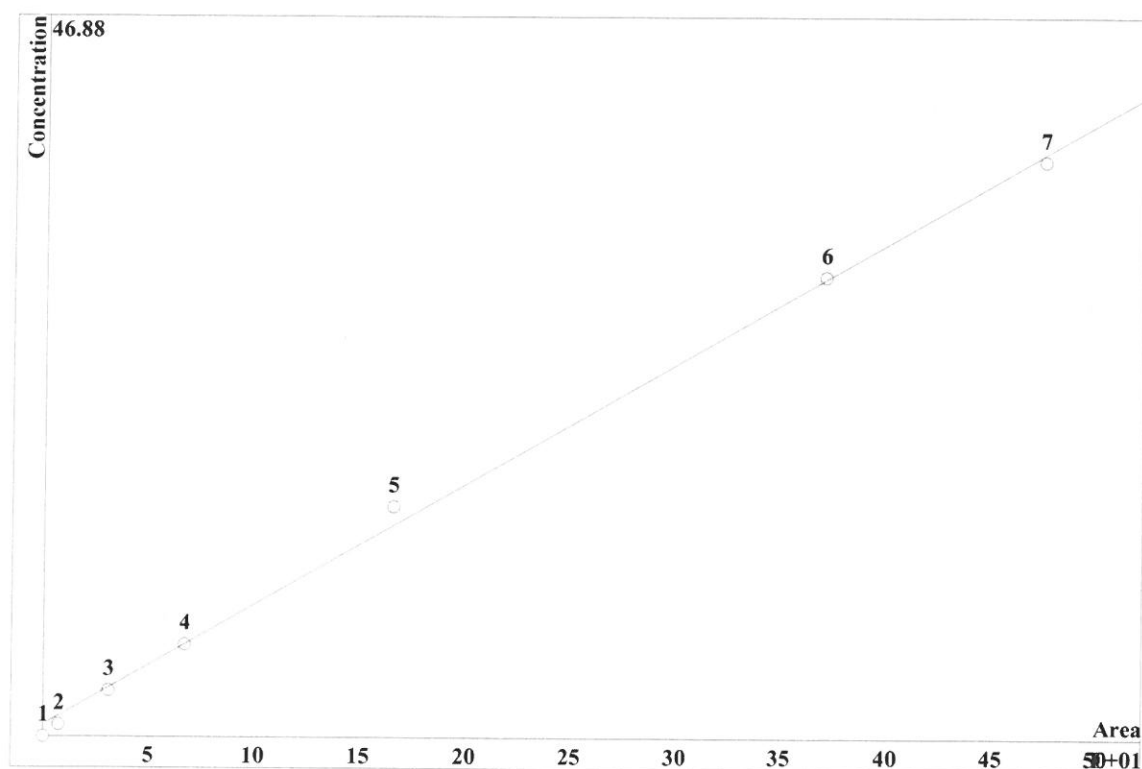
K3 = 0 K2 = 0 K1 = 1.01662 K0 = -3.55994

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	0.172	6.803	0.25	20	21.48			Yes
3	0.6244	23.19	1	20	21.48			Yes
4	1.294	45.98	2	20	21.48			Yes
5	2.948	99.76	5	20	21.48			Yes
6	6.158	201.6	10	20	21.48			Yes
7	7.796	248.6	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 1.57021 \cdot A + 15.2057$
 RSD: 4.746 %
 Correlation coefficient: 0.999080



K3 = 0 K2 = 0 K1 = 1.57021 K0 = 15.2057

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	0.2519	7.523	0.75	20	25.17			Yes
3	1.056	31.08	3	20	25.17			Yes
4	2.343	67.27	6	20	25.17			Yes
5	5.912	166	15	20	25.17			Yes
6	13.3	370.8	30	20	25.17			Yes
7	17.06	474.3	37.5	20	25.17			Yes

Report date: 10/10/2018 11:06:04 AM
Printed by: wet

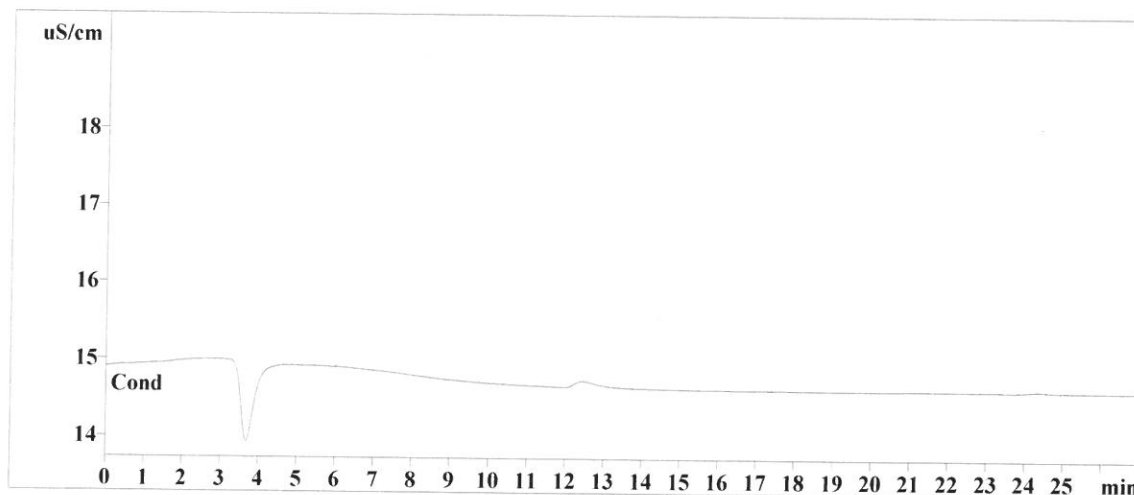
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Analysis from: 10/9/2018 1:09:43 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64423

Last save: 10/9/2018 12:19:12 PM

SAMPLE:
: AK/AP
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: 10/9/2018 4:25:49 PM
Printed by: wet

Ident: STD2
Analysis from: 10/9/2018 1:39:39 PM
File: _2018-10-09_

Last save: 10/9/2018 2:06:28 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64424

Last save: 10/9/2018 1:36:32 PM

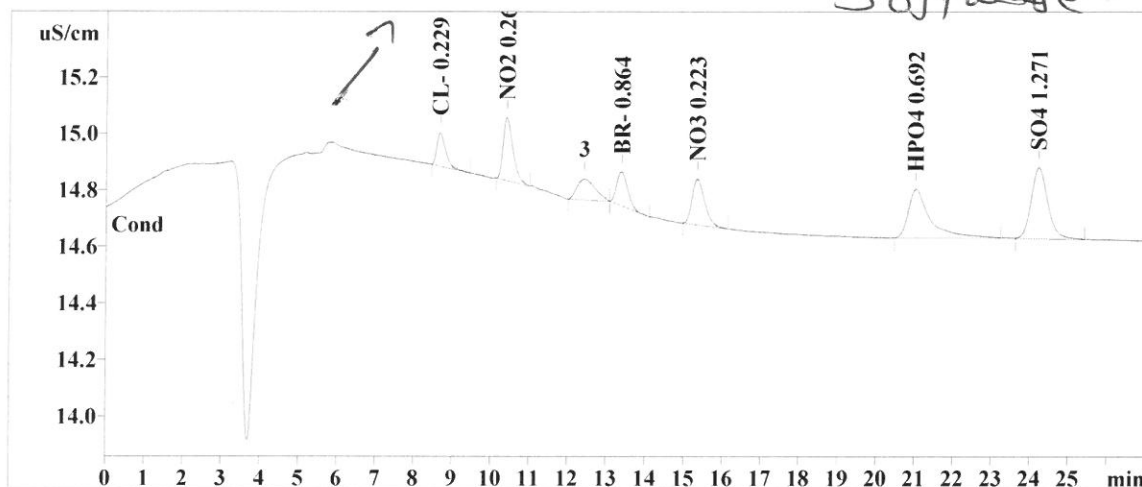
SAMPLE:

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

AK

10-10-18

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	8.66	0.243	0.12	10.45	1.923	6.69	0.
3	10.40	0.266	0.22	19.93	3.954	13.76	0.
4	13.37	0.311	0.12	10.67	2.385	8.30	0.
5	15.34	0.343	0.16	14.51	3.720	12.94	0.
6	21.02	0.505	0.17	15.26	6.803	23.66	0.
7	24.22	0.447	0.25	22.34	7.523	26.17	0.
7	27.00	0.302	1.05	93.15	26.308	91.51	0.

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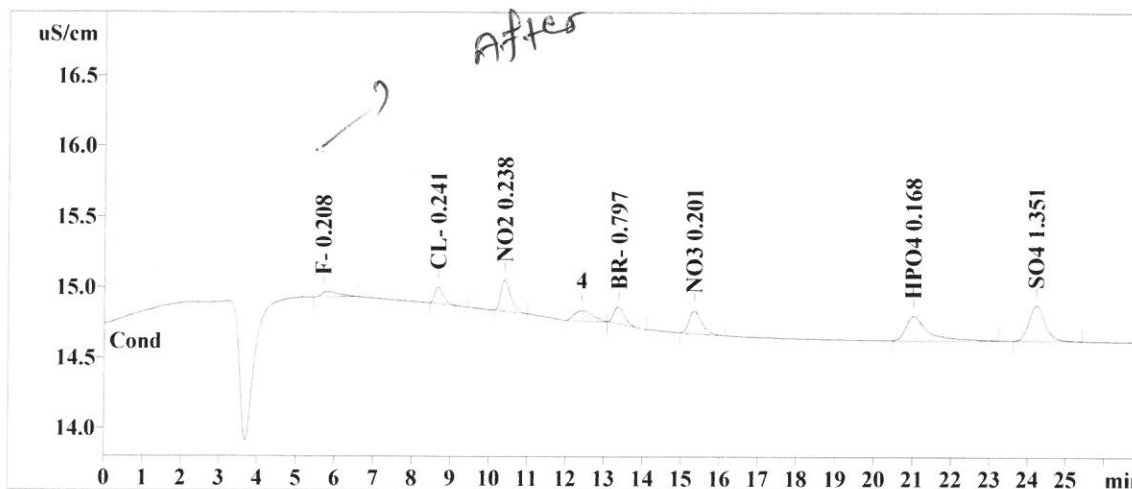
Report date: 10/10/2018 11:06:12 AM
Printed by: wet

Ident: STD2
Analysis from: 10/9/2018 1:39:39 PM
File: _2018-10-09_
Manual peaks!
Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64424

Last save: 10/9/2018 4:37:24 PM

Last save: 10/9/2018 12:19:12 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	5.70	0.570	0.03	2.59	1.139	3.81	0.
2	8.66	0.243	0.12	10.18	1.923	6.43	0.
3	10.40	0.266	0.22	19.41	3.954	13.23	0.
4	13.37	0.311	0.12	10.39	2.385	7.98	0.
5	15.34	0.343	0.16	14.14	3.720	12.45	0.
6	21.02	0.505	0.17	14.87	6.803	22.76	0.
7	24.22	0.447	0.25	21.76	7.523	25.17	0.
7	27.00	0.384	1.08	93.33	27.447	91.83	0.

This report has been created by IC Net
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Report date: 10/10/2018 11:06:19 AM
Printed by: wet

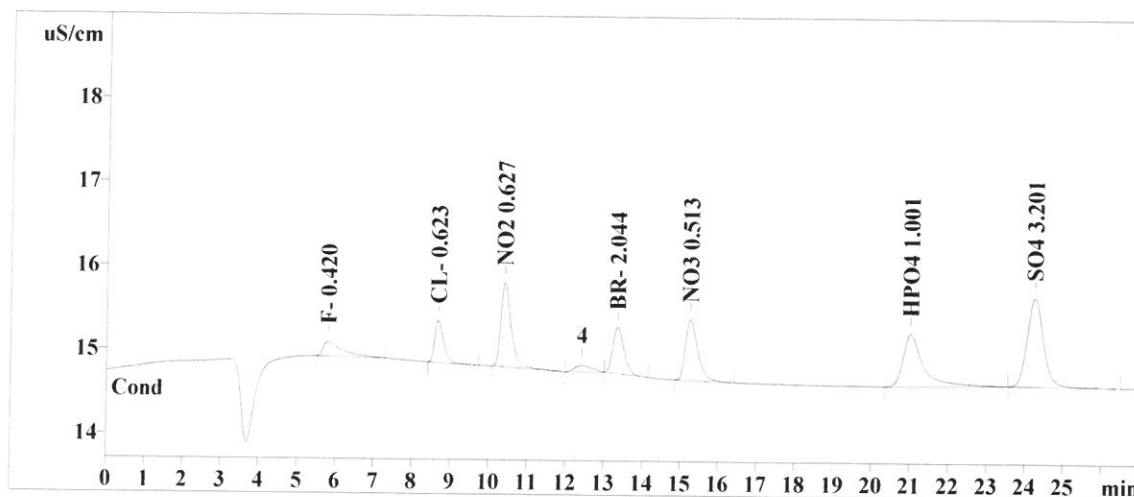
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Analysis from: 10/9/2018 2:09:34 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64425

Last save: 10/9/2018 12:19:12 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	5.80	0.509	0.17	3.66	5.984	5.14	0.
2	8.67	0.242	0.50	10.58	8.014	6.88	0.
3	10.40	0.266	1.00	21.32	18.477	15.86	0.
4	13.34	0.314	0.55	11.67	11.129	9.55	0.
5	15.26	0.336	0.72	15.37	16.286	13.98	0.
6	21.01	0.478	0.62	13.28	23.192	19.91	0.
7	24.24	0.440	1.06	22.46	31.084	26.68	0.
7	27.00	0.369	4.62	98.33	114.166	97.99	0.

This report has been created by IC Net
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Report date: 10/10/2018 11:06:28 AM
Printed by: wet

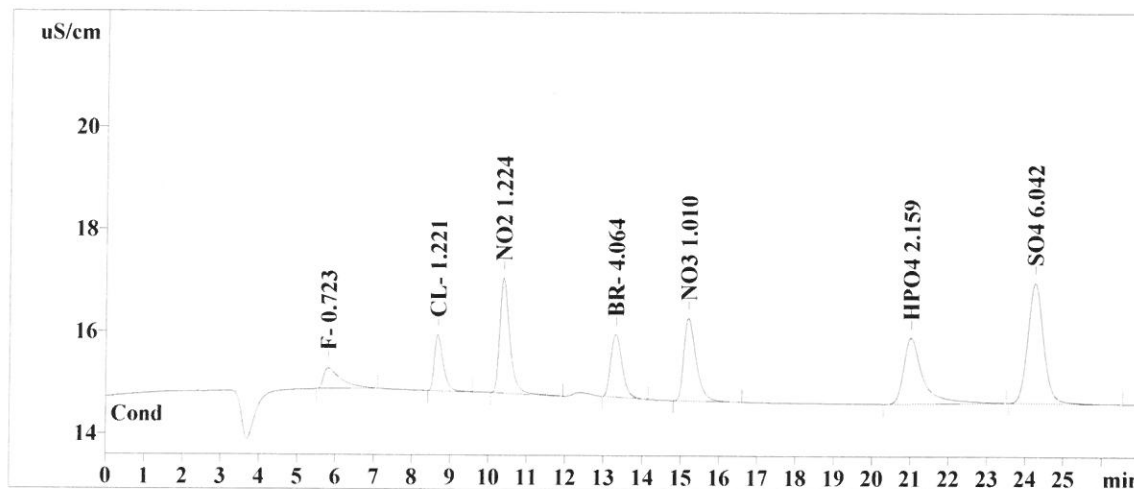
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Analysis from: 10/9/2018 2:39:29 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64426

Last save: 10/9/2018 12:19:12 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	0.448	0.40	3.95	12.910	5.25	0.
2	8.67	0.240	1.10	10.71	17.540	7.13	0.
3	10.39	0.265	2.24	21.93	40.744	16.56	0.
4	13.30	0.317	1.23	12.03	25.296	10.28	0.
5	15.20	0.336	1.61	15.79	36.320	14.76	0.
6	21.01	0.465	1.29	12.65	45.977	18.69	0.
7	24.25	0.431	2.34	22.91	67.272	27.34	0.
7	27.00	0.357	10.22	99.97	246.059	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/10/2018 11:06:37 AM
Printed by: wet

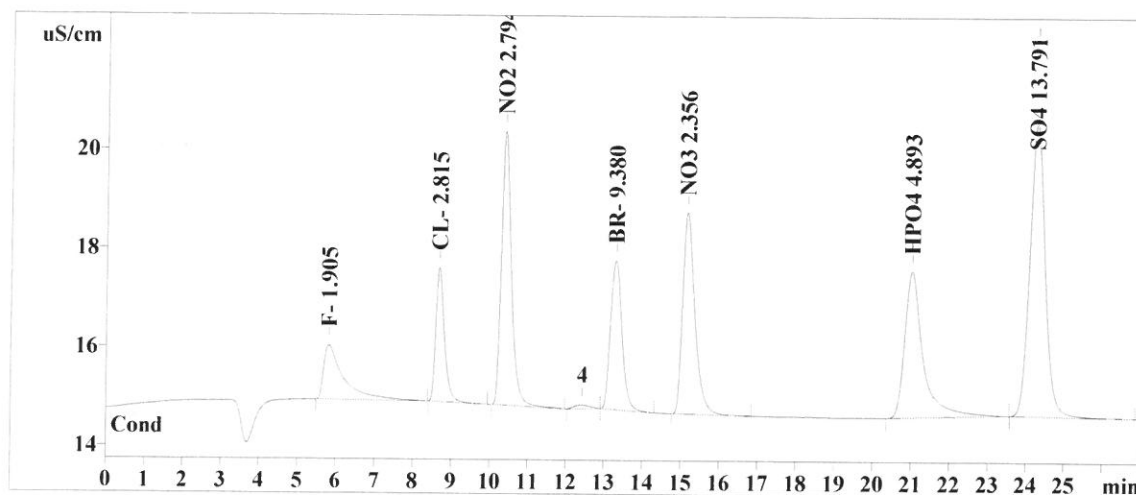
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Analysis from: 10/9/2018 3:09:24 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64427

Last save: 10/9/2018 12:19:12 PM

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	5.81	0.457	1.10	4.32	39.906	6.62	0.
2	8.67	0.237	2.70	10.66	42.952	7.12	0.
3	10.37	0.264	5.54	21.85	99.372	16.47	0.
4	13.29	0.321	3.01	11.86	62.564	10.37	0.
5	15.15	0.331	4.07	16.06	90.515	15.01	0.
6	21.01	0.446	2.95	11.63	99.764	16.54	0.
7	24.25	0.421	5.91	23.32	165.971	27.51	0.
7	27.00	0.354	25.28	99.69	601.044	99.64	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/10/2018 11:06:45 AM
Printed by: wet

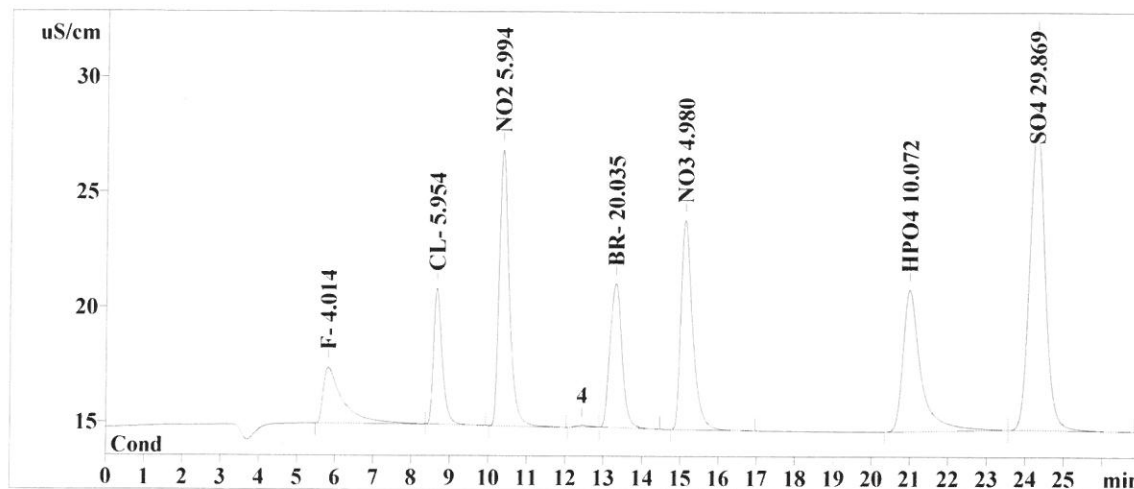
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Analysis from: 10/9/2018 3:39:19 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64428

Last save: 10/9/2018 12:19:12 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	5.82	0.464	2.43	4.40	88.085	6.73	0.
2	8.66	0.234	5.91	10.71	92.990	7.11	0.
3	10.36	0.269	12.00	21.72	218.810	16.73	0.
4	13.31	0.342	6.26	11.33	137.275	10.50	0.
5	15.11	0.319	9.10	16.47	196.223	15.00	0.
6	20.99	0.437	6.16	11.15	201.642	15.42	0.
7	24.27	0.418	13.30	24.08	370.755	28.35	0.
7	27.00	0.355	55.16	99.85	1305.779	99.84	0.

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Report date: 10/10/2018 11:06:53 AM
 Printed by: wet

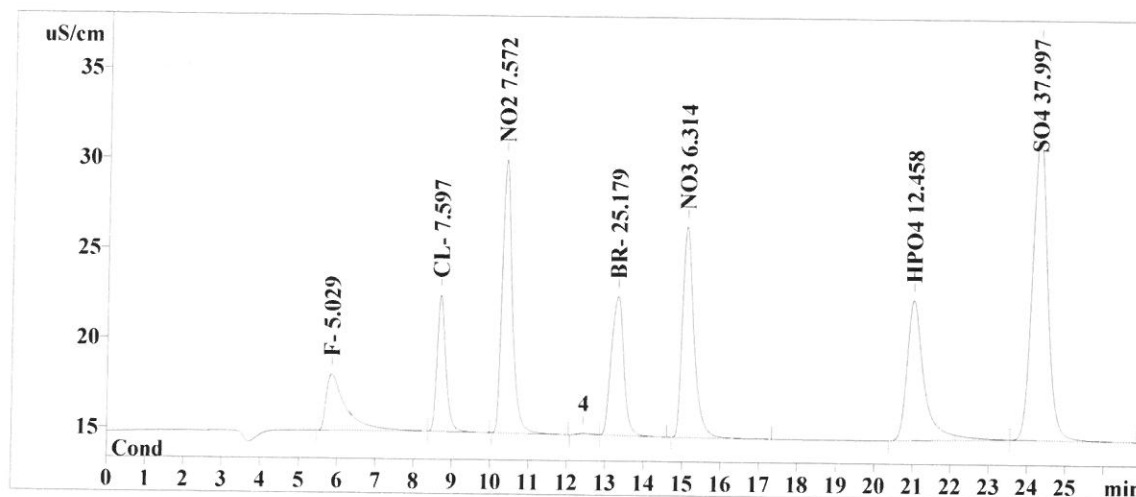
Ident: STD7
 Analysis from: 10/9/2018 4:09:14 PM
 File: _2018-10-09_

Last save: 10/9/2018 4:37:36 PM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64429

Last save: 10/9/2018 4:37:34 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	5.84	0.458	3.14	4.47	111.269	6.72	0.
2	8.68	0.234	7.57	10.77	119.187	7.20	0.
3	10.37	0.270	15.19	21.61	277.707	16.77	0.
4	13.30	0.353	7.73	10.99	173.342	10.47	0.
5	15.09	0.316	11.71	16.67	249.952	15.09	0.
6	21.00	0.430	7.80	11.09	248.580	15.01	0.
7	24.26	0.418	17.06	24.28	474.293	28.63	0.
7	27.00	0.354	70.20	99.88	1654.330	99.88	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/10/2018 11:08:26 AM
 Printed by: wet

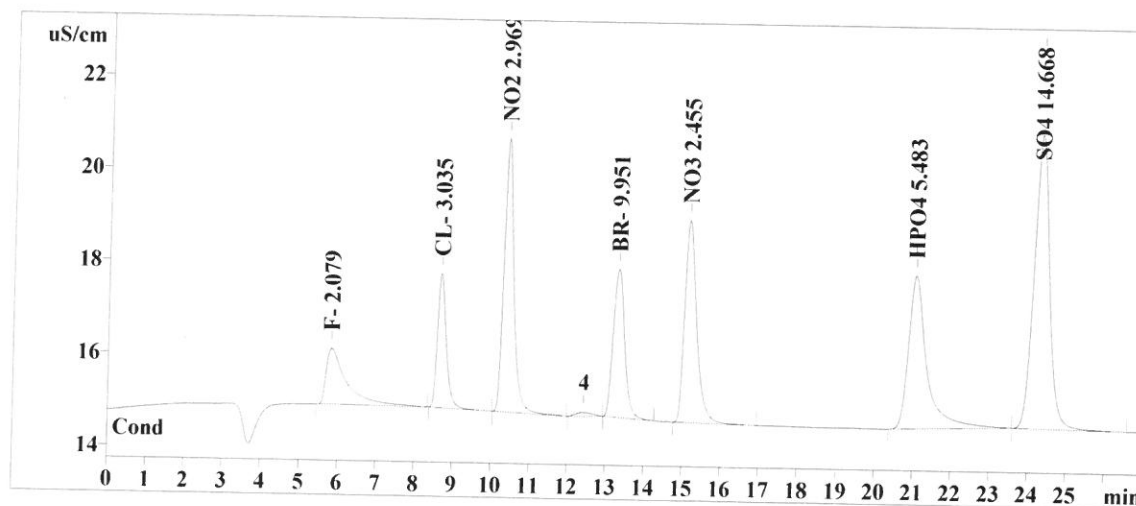
Ident: ICV
 Analysis from: 10/9/2018 4:40:54 PM
 File: _2018-10-09_

Last save: 10/9/2018 5:07:42 PM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64430

Last save: 10/9/2018 4:37:34 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	5.82	0.464	1.20	4.42	43.883	6.77	0.
2	8.66	0.241	2.88	10.58	46.456	7.17	0.
3	10.37	0.264	5.89	21.65	105.879	16.33	0.
4	13.30	0.324	3.18	11.70	66.570	10.27	0.
5	15.14	0.323	4.35	15.98	94.517	14.58	0.
6	21.04	0.447	3.29	12.08	111.370	17.18	0.
7	24.29	0.420	6.33	23.26	177.141	27.33	0.
7	27.00	0.355	27.12	99.69	645.815	99.63	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/10/2018 11:08:43 AM
Printed by: wet

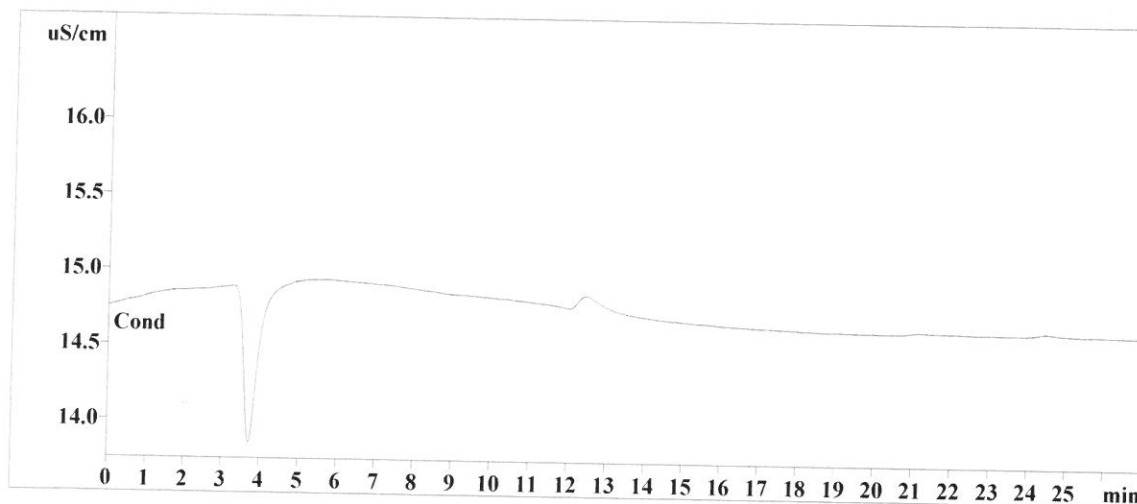
Ident: ICB
Analysis from: 10/9/2018 5:10:48 PM
File: _2018-10-09_

Last save: 10/10/2018 11:08:42 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64431

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 10
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: 10/18/2018 10:43:13 AM
Printed by: wet

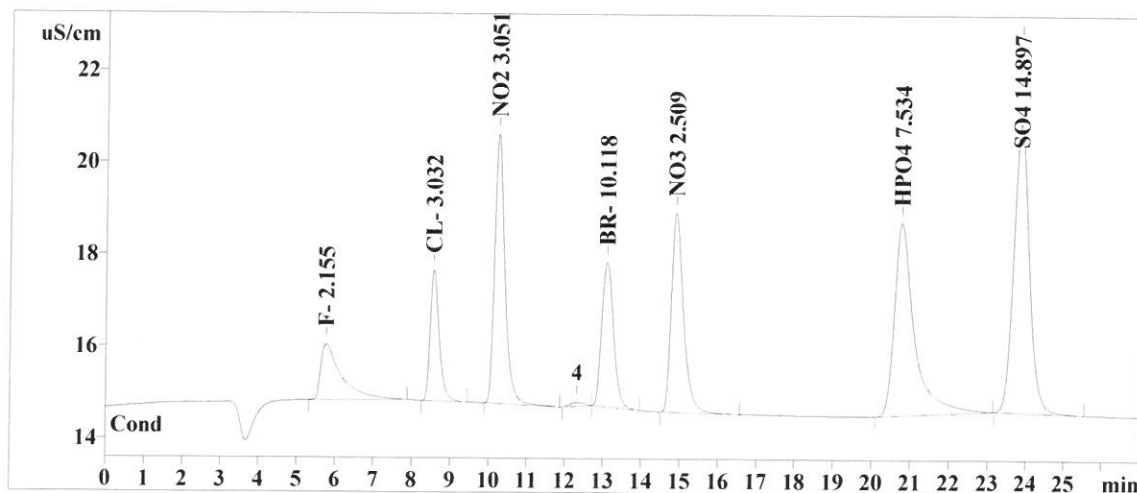
Ident: CCV
Analysis from: 10/17/2018 9:07:22 AM
File: _2018-10-17_

Last save: 10/17/2018 9:34:12 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64519

Last save: 10/9/2018 4:37:34 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	5.76	0.499	1.20	4.32	45.619	6.52	0.
2	8.55	0.244	2.84	10.17	46.416	6.64	0.
3	10.22	0.273	5.85	20.98	108.956	15.58	0.
4	13.09	0.337	3.13	11.23	67.740	9.69	0.
5	14.88	0.335	4.32	15.48	96.687	13.83	0.
6	20.75	0.478	4.19	15.02	151.710	21.70	0.
7	23.84	0.432	6.27	22.50	180.059	25.75	0.
7	27.00	0.371	27.81	99.70	697.187	99.71	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:12:25 AM
Printed by: wet

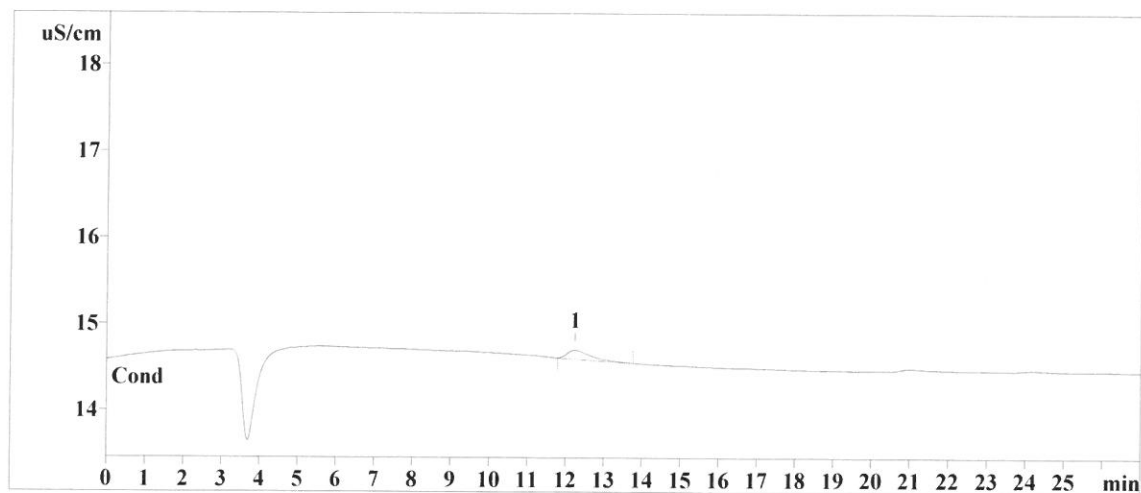
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Analysis from: 10/17/2018 10:39:45 AM
File: _2018-10-17_

Last save: 10/17/2018 11:06:34 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64522

Last save: 10/9/2018 4:37:34 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: 10/18/2018 10:12:33 AM
Printed by: wet

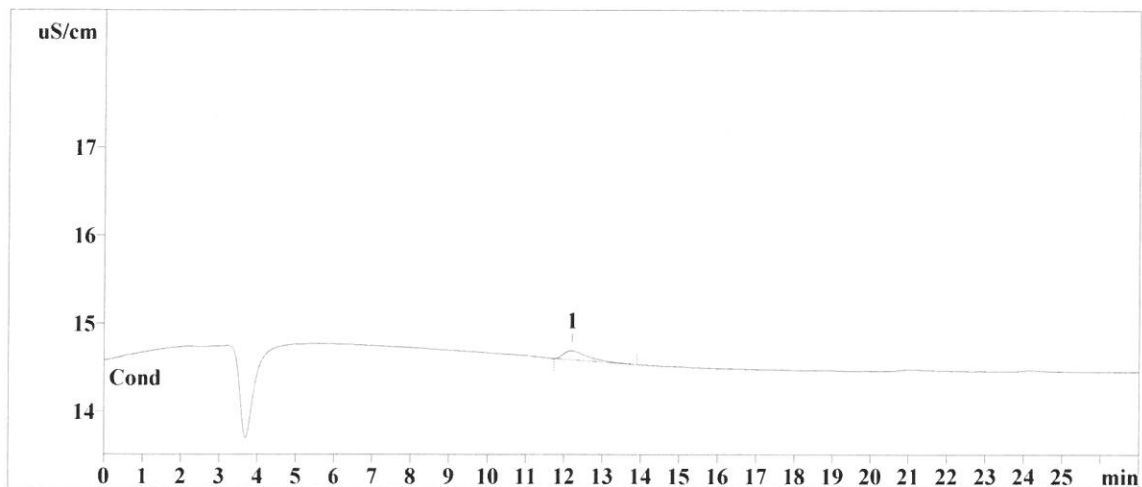
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File: _2018-10-17_

Last save: 10/17/2018 4:01:52 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64523

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 μ L
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: 10/18/2018 10:12:40 AM
Printed by: wet

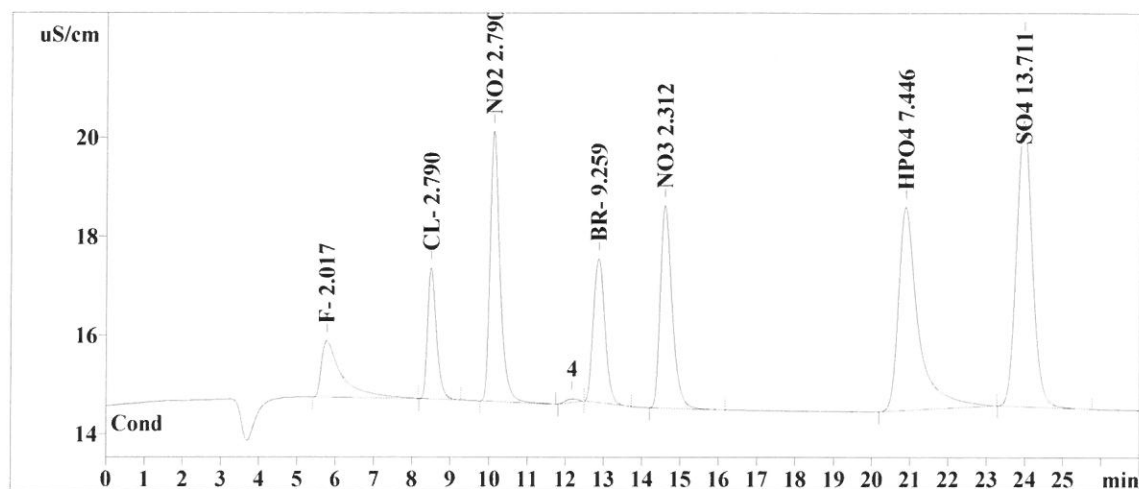
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Analysis from: 10/17/2018 11:39:40 AM
File: _2018-10-17_

Last save: 10/17/2018 4:01:52 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64524

Last save: 10/9/2018 4:37:34 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	5.76	0.477	1.14	4.34	42.453	6.52	0.
2	8.48	0.241	2.65	10.09	42.557	6.53	0.
3	10.11	0.267	5.46	20.83	99.217	15.23	0.
4	12.86	0.333	2.91	11.09	61.719	9.48	0.
5	14.58	0.326	4.10	15.63	88.727	13.62	0.
6	20.87	0.480	4.11	15.68	149.985	23.03	0.
7	23.95	0.431	5.78	22.05	164.954	25.33	0.
7	27.00	0.365	26.13	99.70	649.611	99.74	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:14:35 AM
Printed by: wet

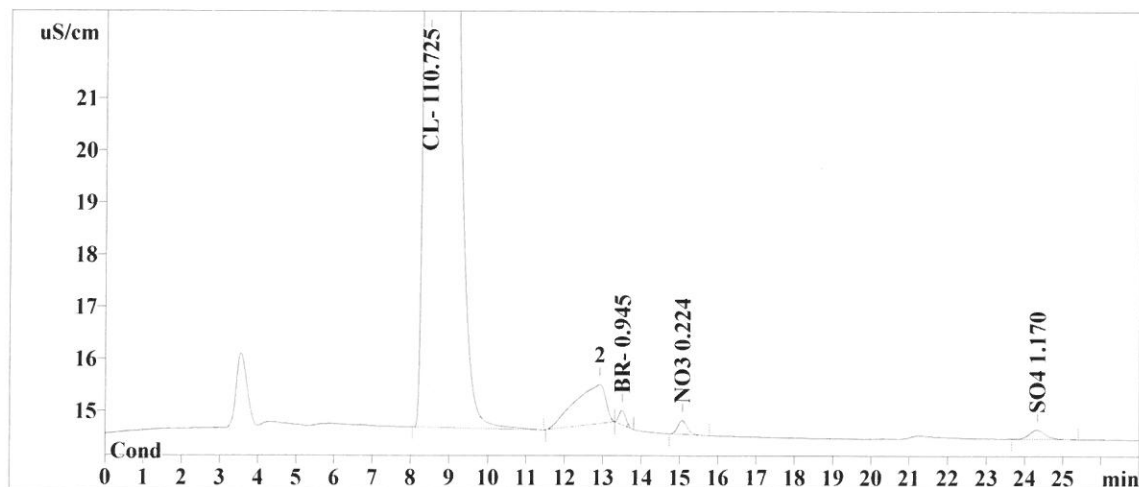
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Analysis from: 10/17/2018 12:10:05 PM
File: _2018-10-17_

Last save: 10/18/2018 10:14:36 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64525

Last save: 10/9/2018 4:37:34 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.47	0.603	48.01	97.05	1763.203	96.92	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.50	0.202	0.27	0.55	3.424	0.19	0.
5	15.07	0.273	0.26	0.53	4.655	0.26	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.32	0.440	0.18	0.35	5.224	0.29	0.
7	27.00	0.217	48.72	98.49	1776.506	97.65	0.

This report has been created by IC Net
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Report date: 10/18/2018 10:15:43 AM
Printed by: wet

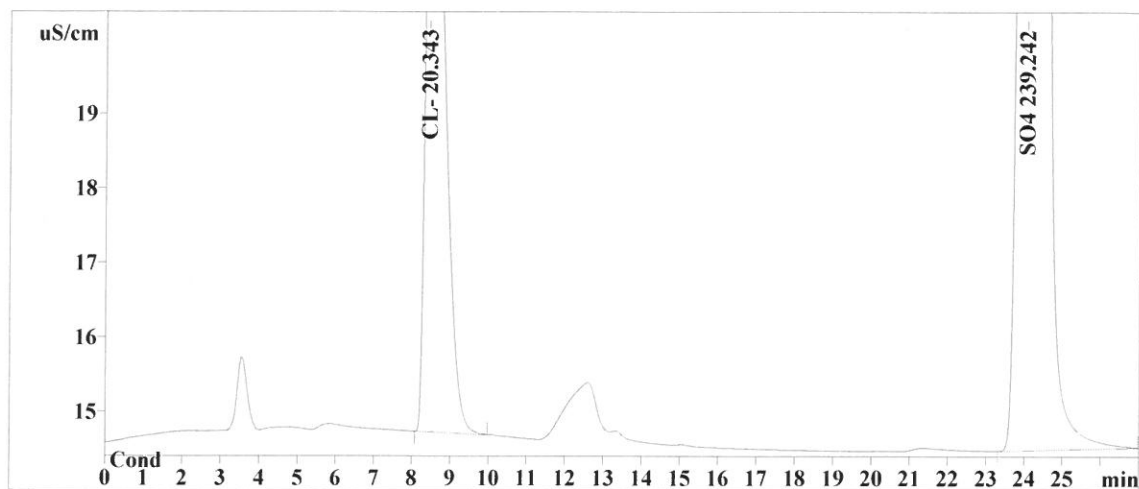
Ident: J5569-02
Analysis from: 10/17/2018 12:40:24 PM
File: _2018-10-17_

Last save: 10/18/2018 10:15:44 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64526

Last save: 10/9/2018 4:37:34 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	8.44	0.513	10.04	8.85	322.379	9.59	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	24.05	0.457	103.43	91.16	3037.576	90.41	0.
7	27.00	0.139	113.46	100.00	3359.955	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:17:12 AM
Printed by: wet

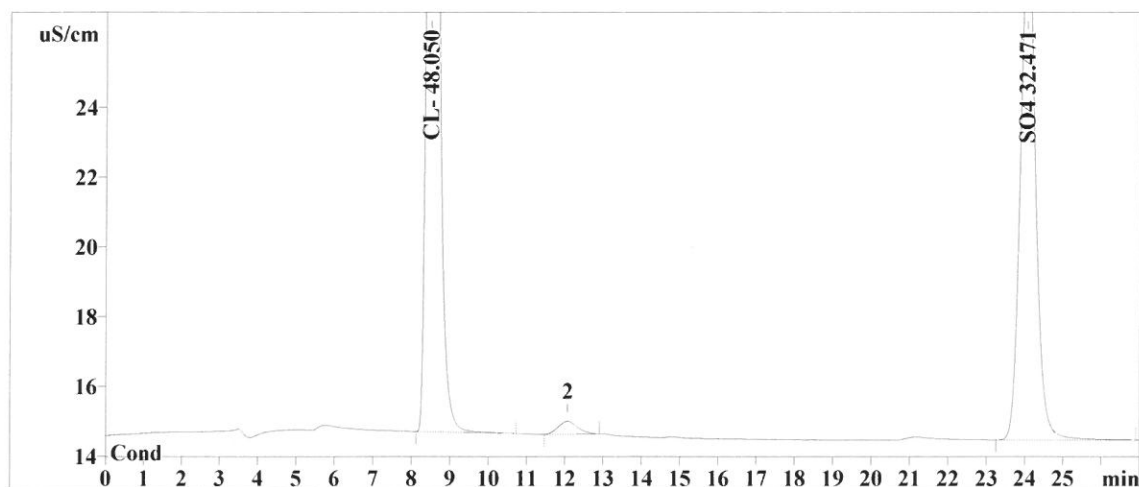
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Analysis from: 10/17/2018 1:10:19 PM
File: _2018-10-17_

Last save: 10/18/2018 10:17:12 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64527

Last save: 10/9/2018 4:37:34 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	8.47	0.264	43.08	74.05	764.063	64.70	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	24.04	0.411	14.73	25.31	403.906	34.20	0.
7	27.00	0.096	57.81	99.36	1167.969	98.90	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:18:48 AM
Printed by: wet

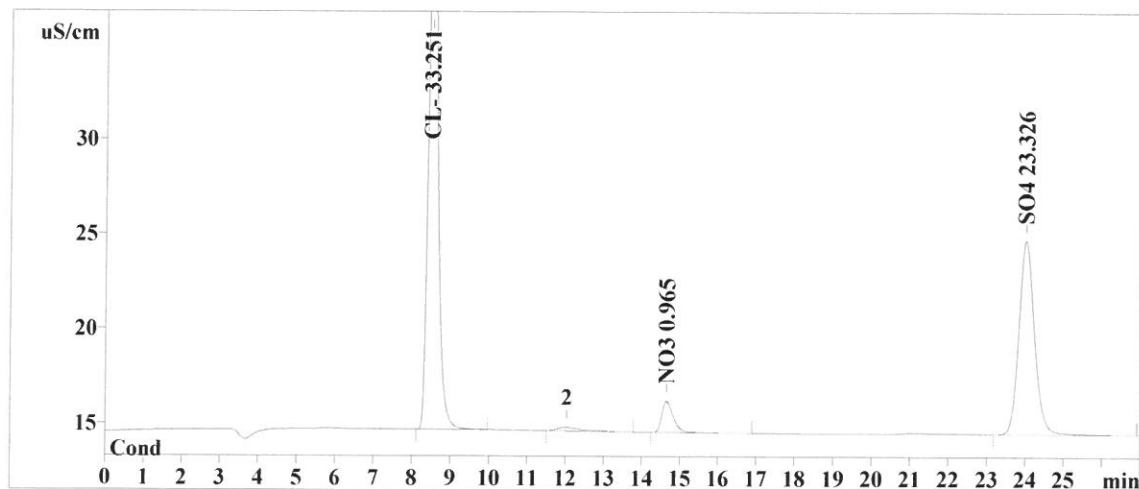
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Analysis from: 10/17/2018 1:40:14 PM
File: _2018-10-17_

Last save: 10/18/2018 10:18:48 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64528

Last save: 10/9/2018 4:37:34 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.48	0.240	32.67	73.04	528.149	61.51	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	14.65	0.311	1.65	3.69	34.485	4.02	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.00	0.421	10.21	22.83	287.428	33.47	0.
7	27.00	0.139	44.52	99.56	850.062	98.99	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:19:17 AM
Printed by: wet

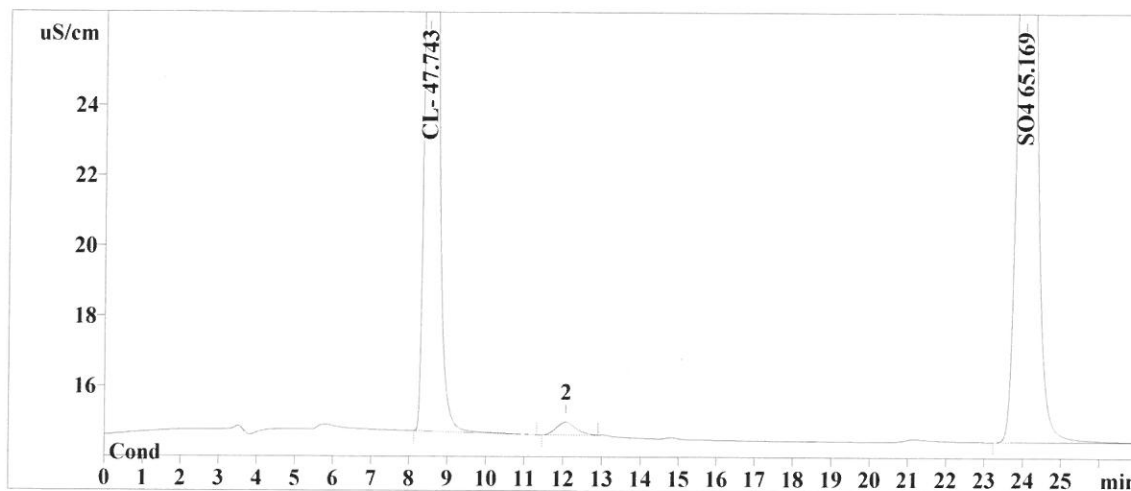
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File: _2018-10-17_

Last save: 10/18/2018 10:19:14 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64529

Last save: 10/9/2018 4:37:34 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.49	0.265	42.77	58.64	759.180	47.68	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	24.02	0.415	29.79	40.85	820.385	51.52	0.
7	27.00	0.097	72.56	99.49	1579.565	99.21	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:19:36 AM
Printed by: wet

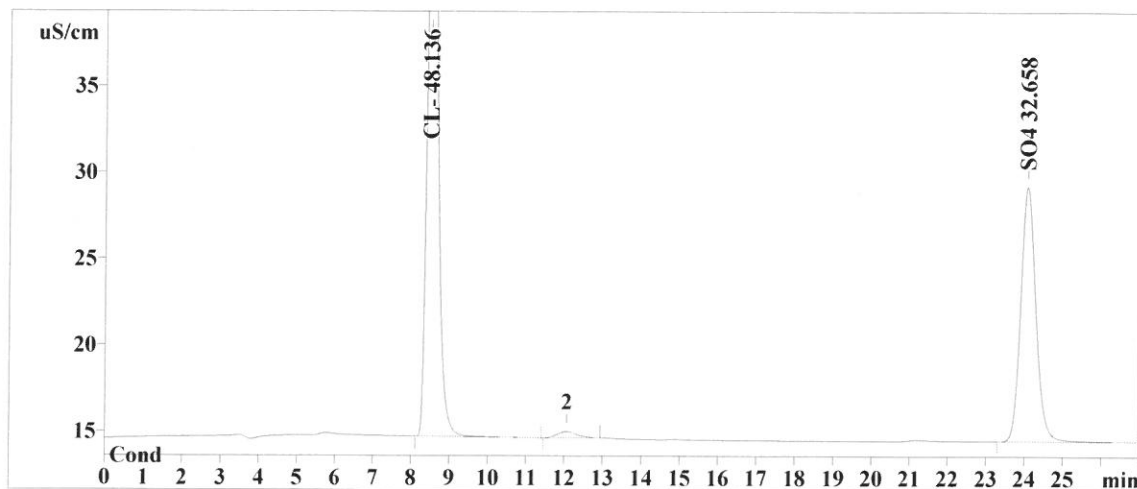
Ident: J5569-09
Analysis from: 10/17/2018 2:40:04 PM
File: _2018-10-17_

Last save: 10/18/2018 10:19:32 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64530

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 11
Volume: 20.0 μ L
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	8.49	0.262	43.60	74.26	765.437	64.61	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	24.06	0.414	14.74	25.11	406.290	34.30	0.
7	27.00	0.097	58.35	99.37	1171.727	98.91	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:20:29 AM
Printed by: wet

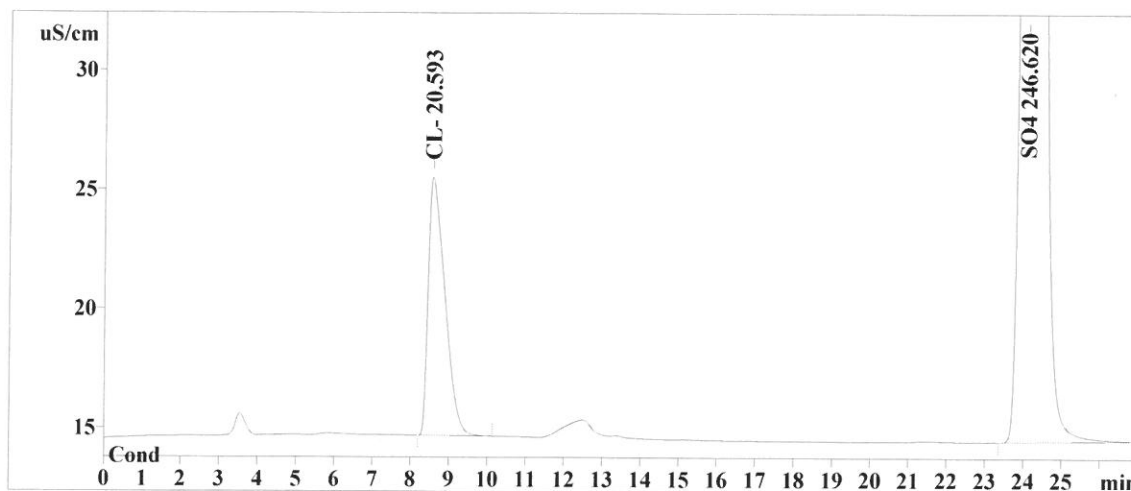
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Analysis from: 10/17/2018 3:09:59 PM
File: _2018-10-17_

Last save: 10/18/2018 10:20:30 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64531

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 12
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	8.56	0.479	10.83	9.32	326.369	9.44	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	24.10	0.462	105.40	90.68	3131.546	90.56	0.
7	27.00	0.134	116.23	100.00	3457.915	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:21:00 AM
Printed by: wet

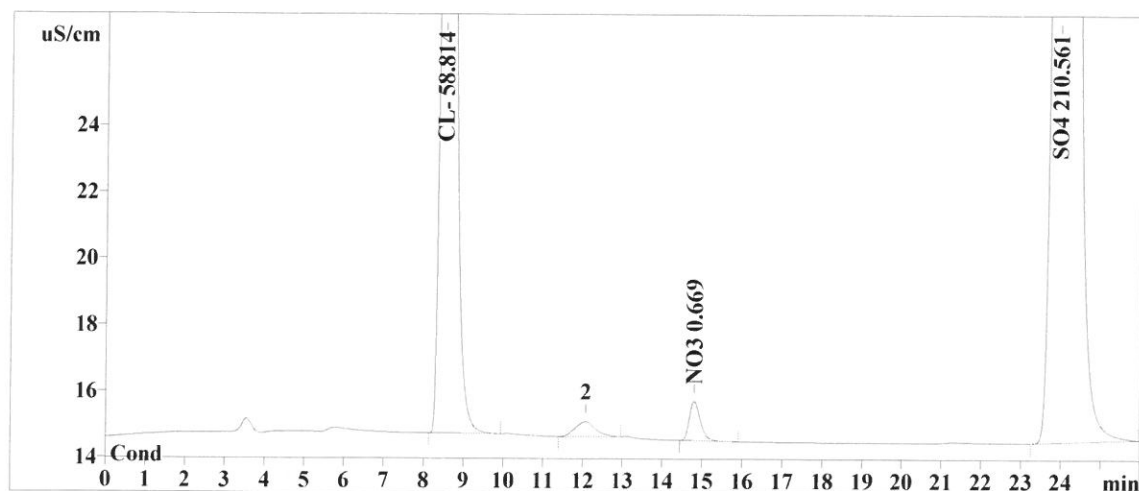
Ident: J5569-12
Analysis from: 10/17/2018 3:39:55 PM
File: _2018-10-17_

Last save: 10/18/2018 10:21:00 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64532

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 13
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	0.283	49.54	34.84	935.669	25.66	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	14.80	0.287	1.18	0.83	22.560	0.62	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.95	0.453	91.01	64.01	2672.256	73.28	0.
7	26.00	0.146	141.72	99.68	3630.485	99.55	0.

This report has been created by IC Net
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Report date: 10/18/2018 10:21:12 AM
 Printed by: wet

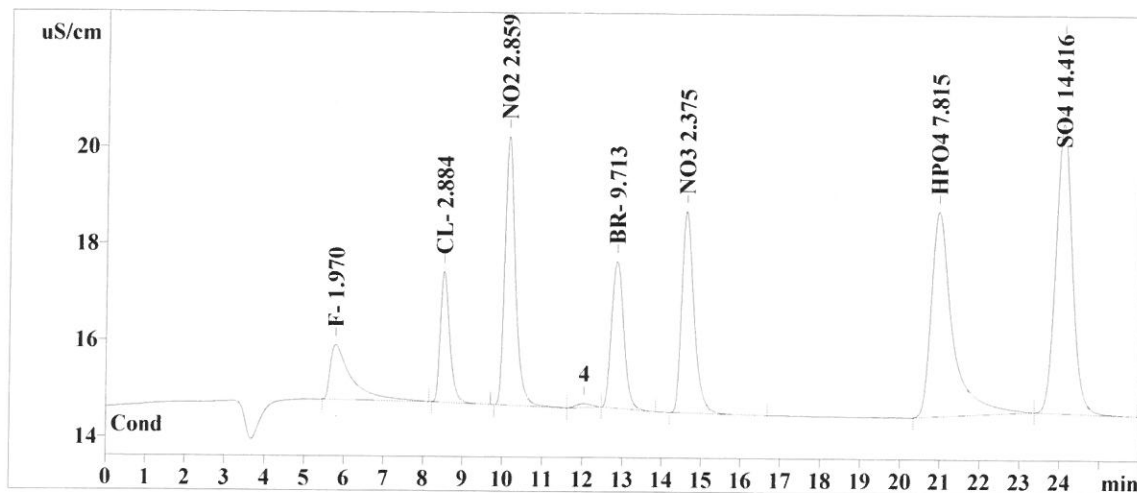
Ident: CCV
 Analysis from: 10/17/2018 4:08:51 PM
 File: _2018-10-17_

Last save: 10/17/2018 4:34:40 PM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64533

Last save: 10/17/2018 4:05:22 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	5.79	0.471	1.13	4.20	41.391	6.12	0.
2	8.51	0.243	2.70	10.05	44.059	6.51	0.
3	10.13	0.270	5.56	20.66	101.788	15.04	0.
4	12.85	0.333	3.03	11.28	64.899	9.59	0.
5	14.60	0.328	4.17	15.49	91.290	13.49	0.
6	20.95	0.488	4.23	15.75	157.244	23.24	0.
7	24.06	0.439	5.99	22.28	173.938	25.70	0.
7	26.00	0.367	26.81	99.70	674.609	99.69	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/18/2018 10:21:24 AM
Printed by: wet

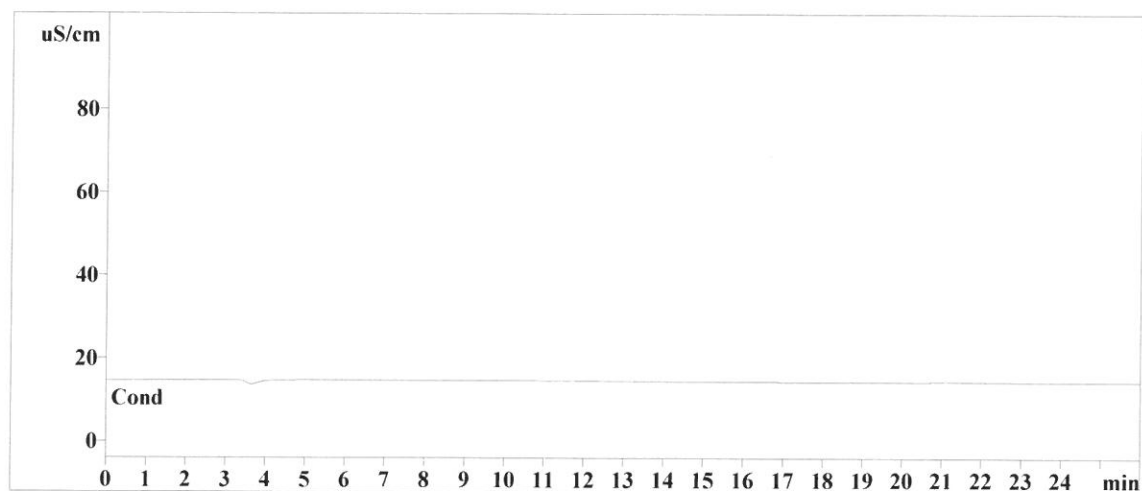
Ident: CCB
Analysis from: 10/17/2018 4:39:59 PM
File: _2018-10-17_

Last save: 10/18/2018 10:21:24 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64534

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 3
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: 10/18/2018 10:21:43 AM
Printed by: wet

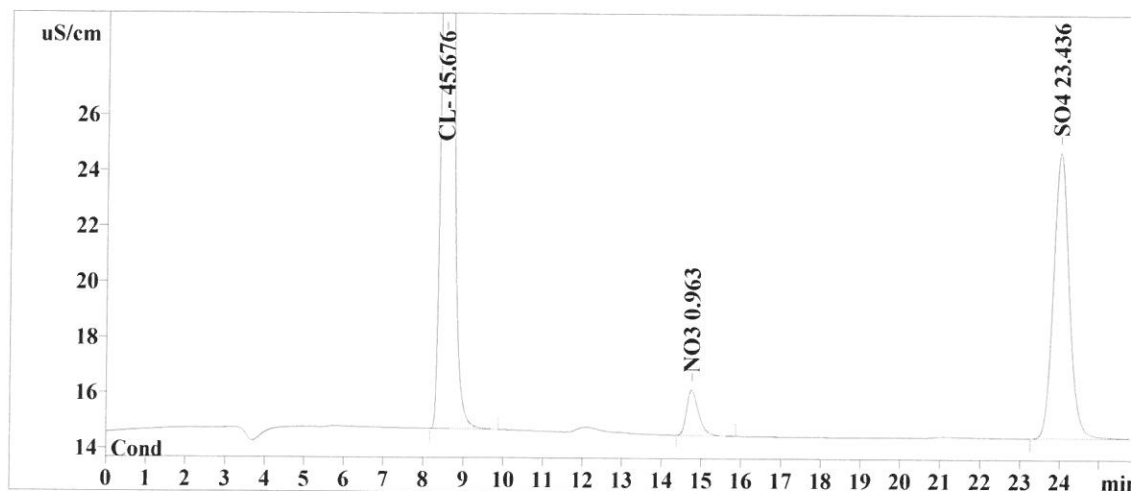
Ident: J5569-06
Analysis from: 10/17/2018 5:08:54 PM
File: _2018-10-17_

Last save: 10/18/2018 10:21:42 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64535

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 14
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	8.52	0.238	45.63	79.31	726.218	69.20	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	14.75	0.317	1.64	2.84	34.416	3.28	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.99	0.422	10.27	17.85	288.824	27.52	0.
7	26.00	0.139	57.54	100.00	1049.458	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:23:31 AM
Printed by: wet

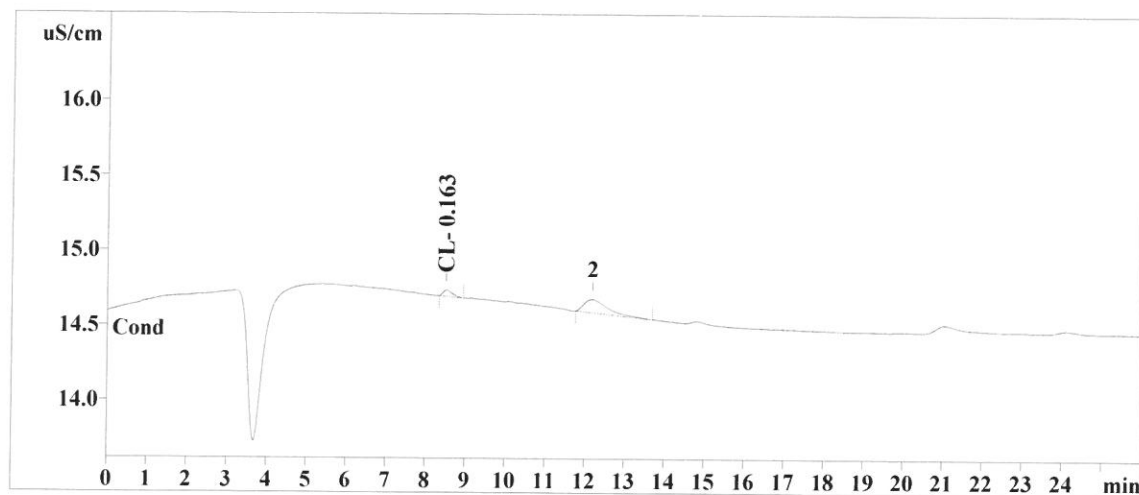
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File: _2018-10-17_

Last save: 10/18/2018 10:23:32 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64536

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 15
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	8.52	0.250	0.04	31.87	0.682	15.49	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	26.00	0.036	0.04	31.87	0.682	15.49	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:24:59 AM
 Printed by: wet

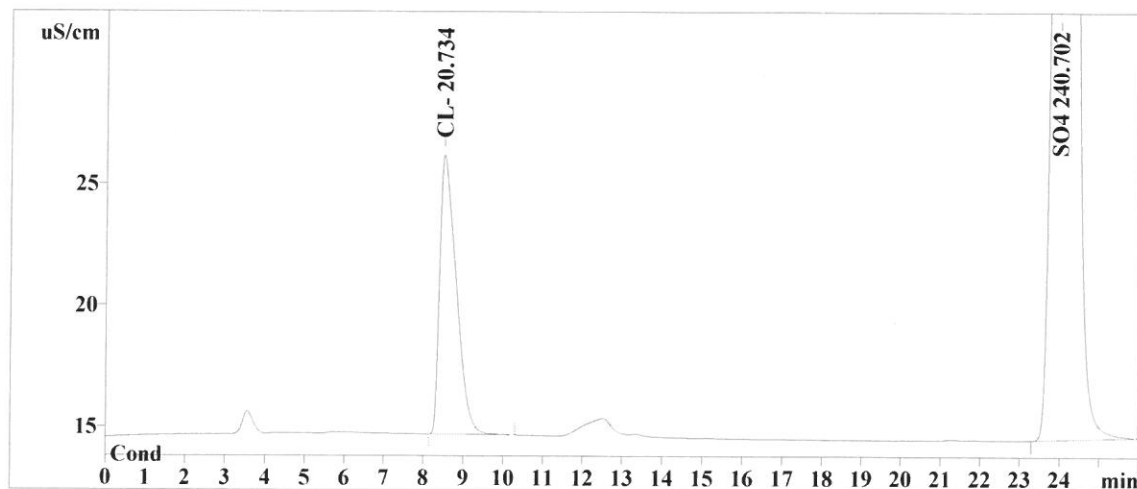
Ident: J5569-02DUP
 Analysis from: 10/17/2018 6:06:45 PM
 File: _2018-10-17_

Last save: 10/18/2018 10:25:00 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64537

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
 : AK/AP
 Vial number: 16
 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	8.50	0.451	11.47	9.99	328.616	9.71	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	23.98	0.460	103.42	90.01	3056.170	90.29	0.
7	26.00	0.130	114.89	100.00	3384.786	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/18/2018 10:27:04 AM
 Printed by: wet

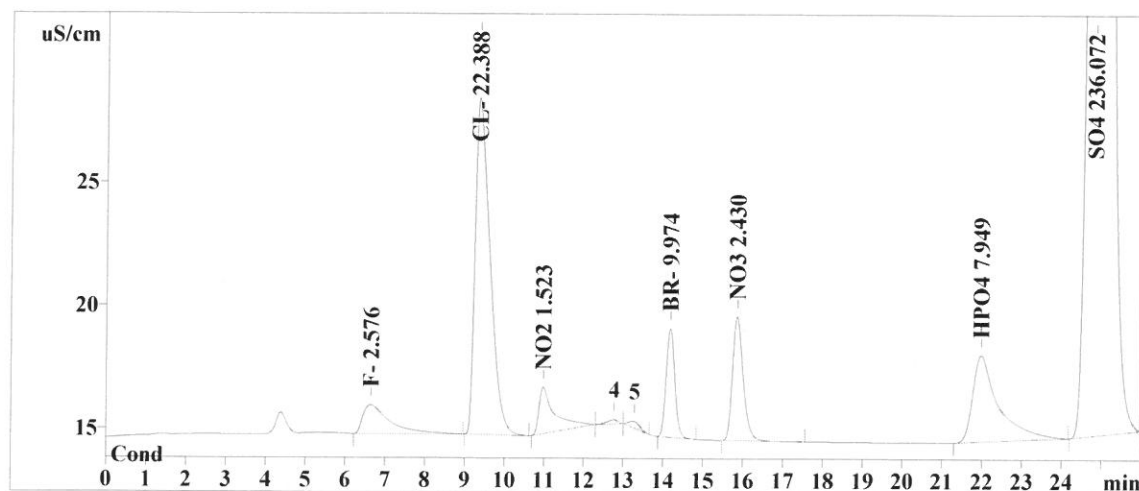
Ident: J5569-03MS
 Analysis from: 10/17/2018 6:35:41 PM
 File: _2018-10-17_

Last save: 10/18/2018 10:27:02 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64538

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
 : AK/AP
 Vial number: 17
 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	6.64	0.644	1.17	0.89	55.230	1.46	0.
2	9.34	0.404	13.66	10.36	354.975	9.37	0.
3	10.98	0.307	1.88	1.43	51.889	1.37	0.
4	14.18	0.233	4.41	3.34	66.732	1.76	0.
5	15.85	0.280	5.02	3.81	93.496	2.47	0.
6	21.97	0.572	3.52	2.67	159.882	4.22	0.
7	24.82	0.460	101.78	77.17	2997.193	79.13	0.
7	26.00	0.414	131.45	99.66	3779.397	99.78	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/18/2018 10:27:15 AM
Printed by: wet

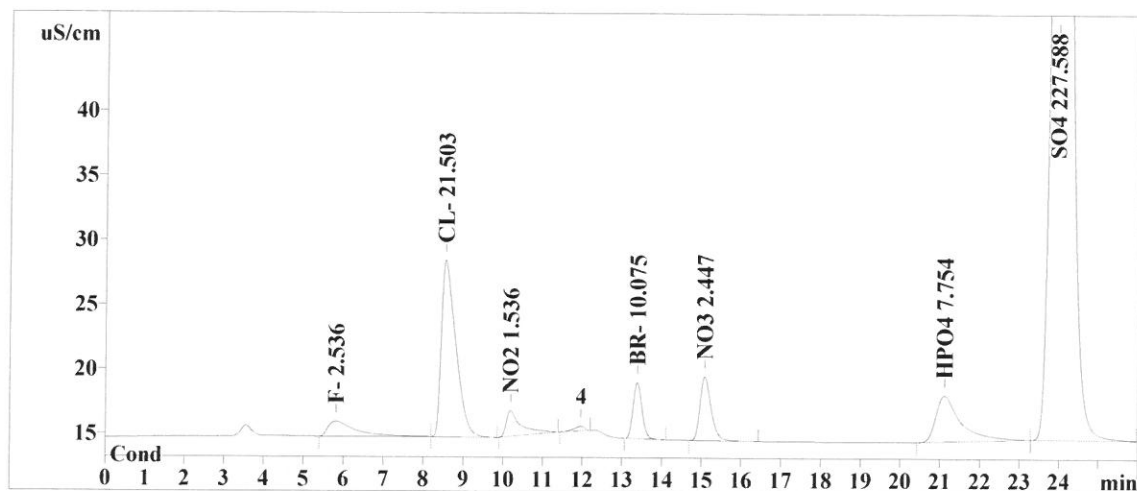
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Analysis from: 10/17/2018 7:04:36 PM
File: _2018-10-17_

Last save: 10/17/2018 7:30:26 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64539

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 18
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	0.646	1.15	0.91	54.318	1.48	0.
2	8.54	0.385	13.65	10.74	340.867	9.31	0.
3	10.18	0.305	2.01	1.58	52.385	1.43	0.
4	13.38	0.239	4.33	3.41	67.440	1.84	0.
5	15.08	0.287	4.93	3.88	94.177	2.57	0.
6	21.10	0.566	3.57	2.81	156.045	4.26	0.
7	23.94	0.462	97.06	76.38	2889.129	78.92	0.
7	26.00	0.413	126.70	99.71	3654.361	99.82	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:27:47 AM
Printed by: wet

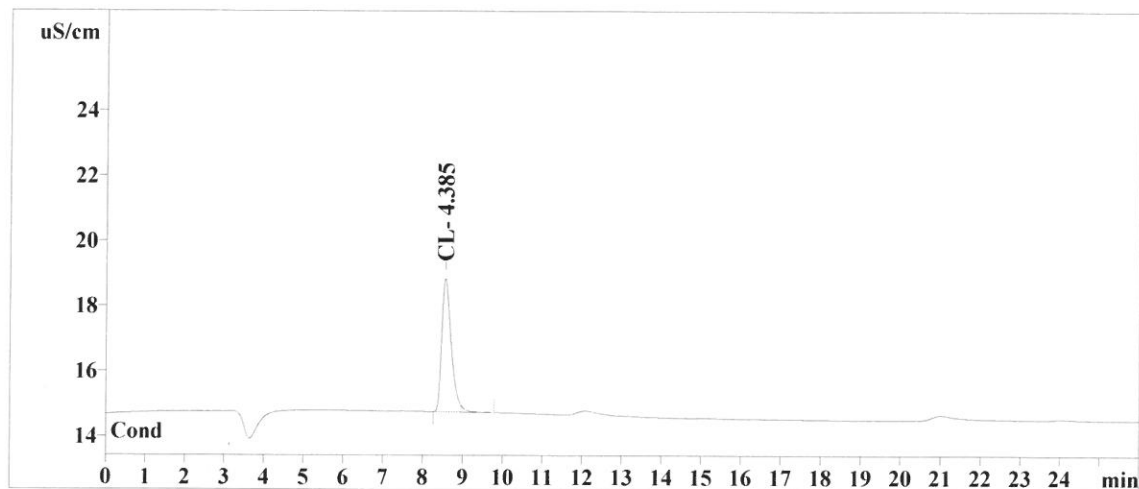
Ident: J5569-01DLX20
Analysis from: 10/17/2018 7:33:31 PM
File: _2018-10-17_

Last save: 10/18/2018 10:27:46 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64540

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 21
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	8.56	0.247	4.09	100.00	67.988	100.00	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	26.00	0.035	4.09	100.00	67.988	100.00	0.

This report has been created by IC Net
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Report date: 10/18/2018 10:28:33 AM
Printed by: wet

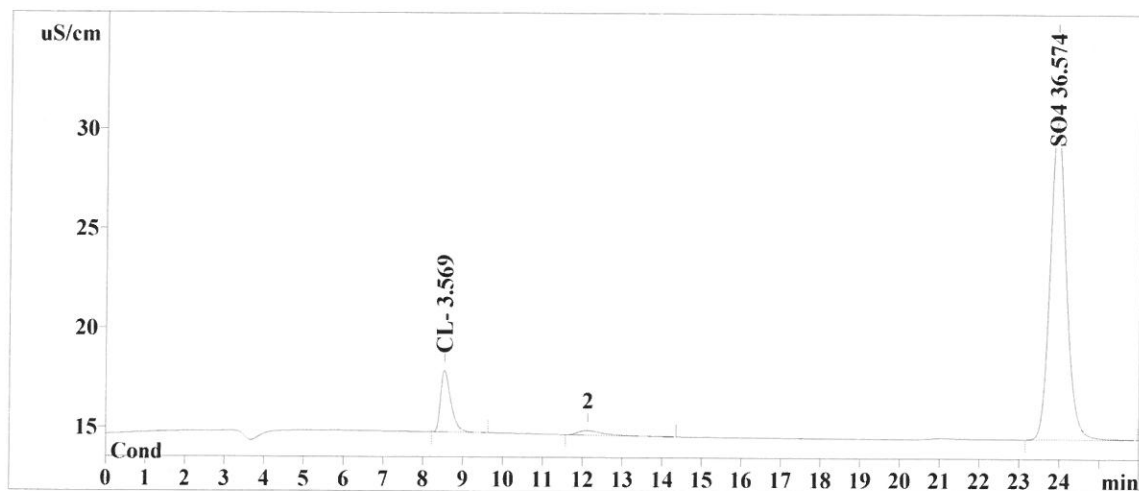
Ident: J5569-02DLX5
Analysis from: 10/17/2018 8:02:27 PM
File: _2018-10-17_

Last save: 10/18/2018 10:28:34 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64541

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 22
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	8.53	0.265	3.09	16.06	54.976	10.54	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	23.92	0.430	15.94	82.74	456.167	87.44	0.
7	26.00	0.099	19.03	98.80	511.143	97.98	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:28:52 AM
Printed by: wet

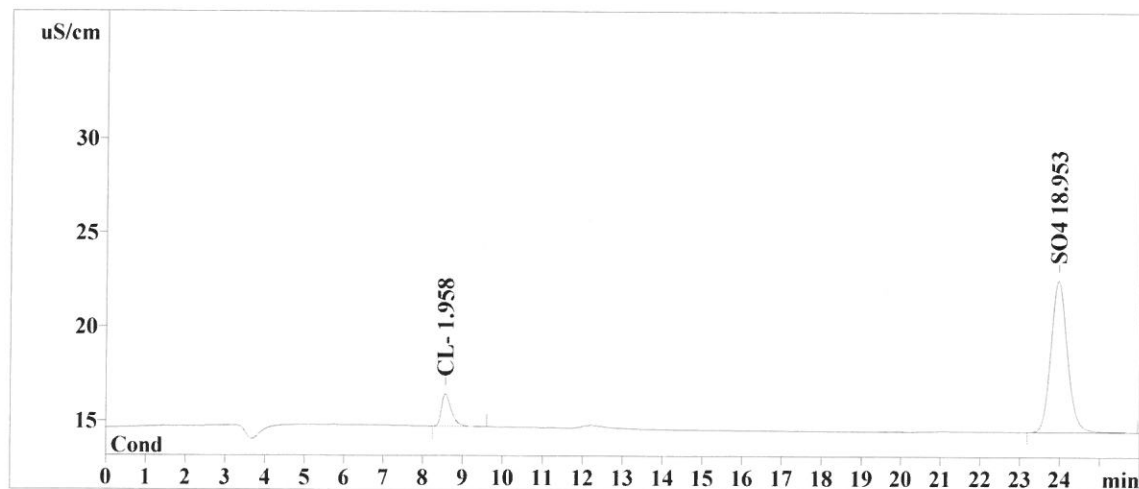
Ident: J5569-02DL2X10
Analysis from: 10/17/2018 8:31:22 PM
File: _2018-10-17_

Last save: 10/18/2018 10:28:52 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64542

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 23
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	8.56	0.257	1.71	17.53	29.288	11.22	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	23.96	0.433	8.04	82.45	231.721	88.78	0.
7	26.00	0.098	9.75	99.99	261.009	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:29:19 AM
Printed by: wet

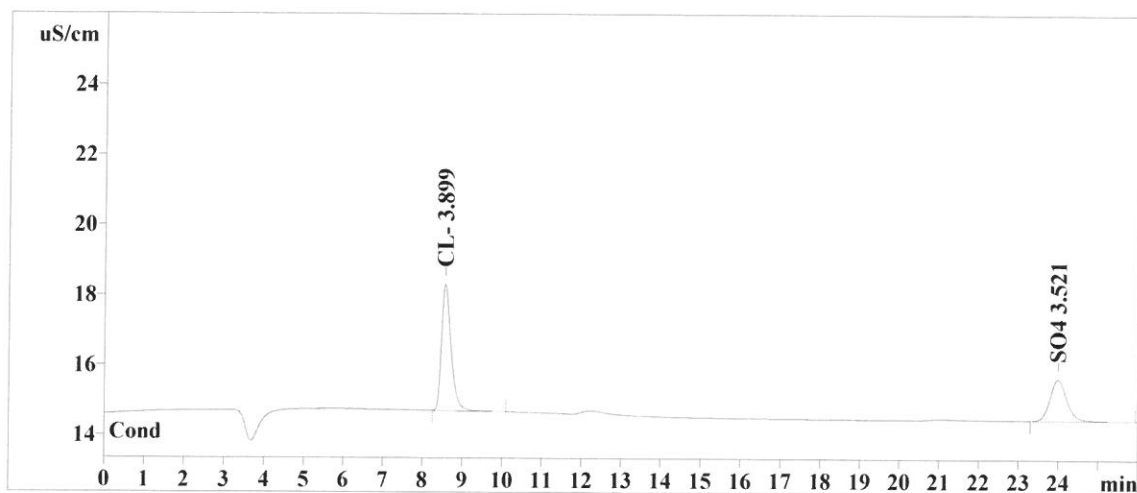
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Analysis from: 10/17/2018 9:00:18 PM
File: _2018-10-17_

Last save: 10/18/2018 10:29:18 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64543

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 24
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	8.56	0.248	3.60	75.27	60.241	63.14	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	23.99	0.447	1.18	24.71	35.162	36.86	0.
7	26.00	0.099	4.78	99.98	95.403	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:29:52 AM
Printed by: wet

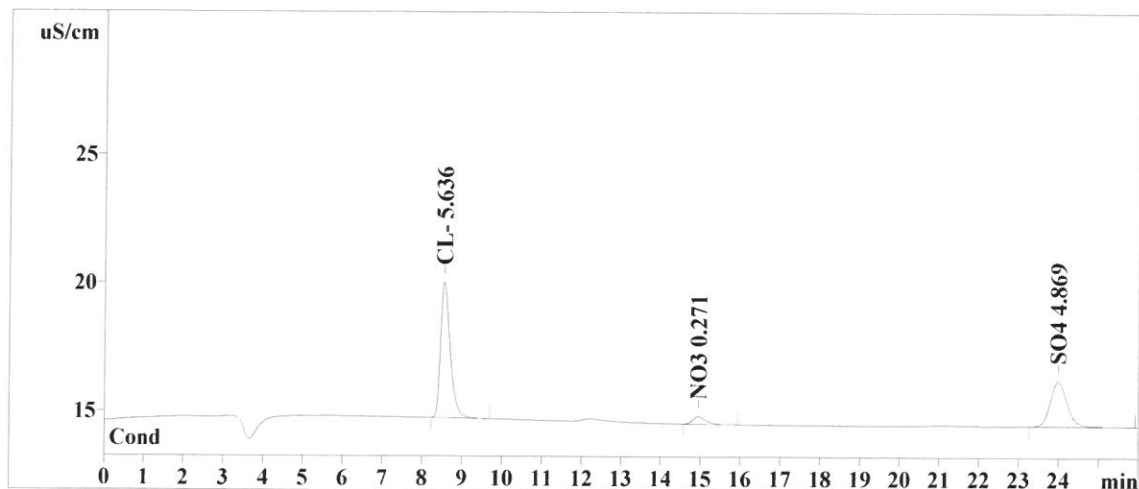
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Analysis from: 10/17/2018 9:29:13 PM
File: _2018-10-17_

Last save: 10/18/2018 10:29:52 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64544

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 25
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	8.55	0.247	5.29	71.98	87.933	59.90	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	14.95	0.345	0.29	3.91	6.538	4.45	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.99	0.444	1.77	24.10	52.337	35.65	0.
7	26.00	0.148	7.34	99.99	146.808	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:30:09 AM
Printed by: wet

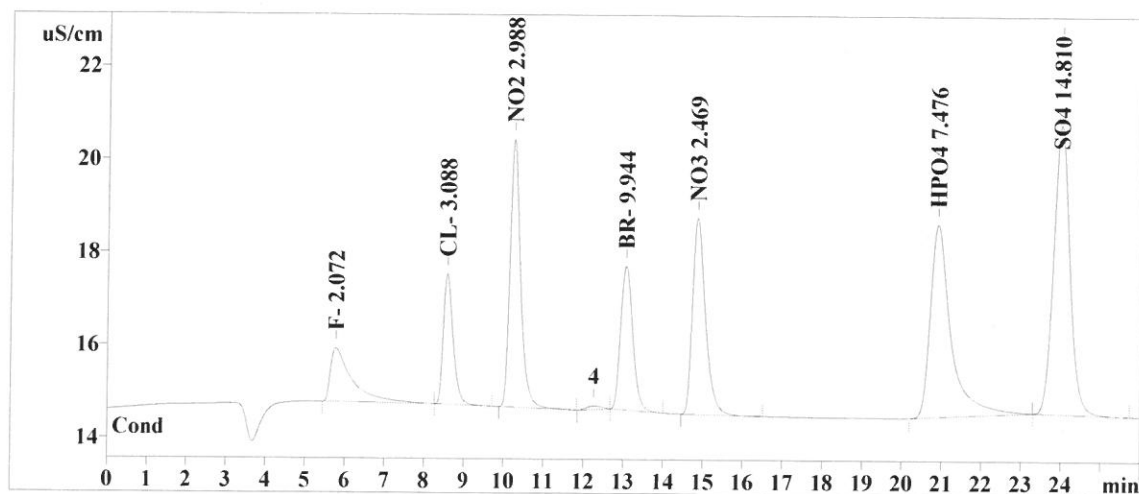
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Analysis from: 10/17/2018 9:58:09 PM
File: _2018-10-17_

Last save: 10/17/2018 10:23:58 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64545

Last save: 10/17/2018 4:05:22 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	5.77	0.492	1.15	4.19	43.718	6.33	0.
2	8.57	0.252	2.80	10.21	47.312	6.85	0.
3	10.23	0.273	5.76	20.96	106.587	15.43	0.
4	13.05	0.334	3.09	11.25	66.519	9.63	0.
5	14.84	0.337	4.22	15.37	95.084	13.77	0.
6	20.88	0.480	4.15	15.09	150.583	21.80	0.
7	23.97	0.435	6.22	22.65	178.952	25.91	0.
7	26.00	0.372	27.40	99.71	688.755	99.71	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:30:35 AM
Printed by: wet

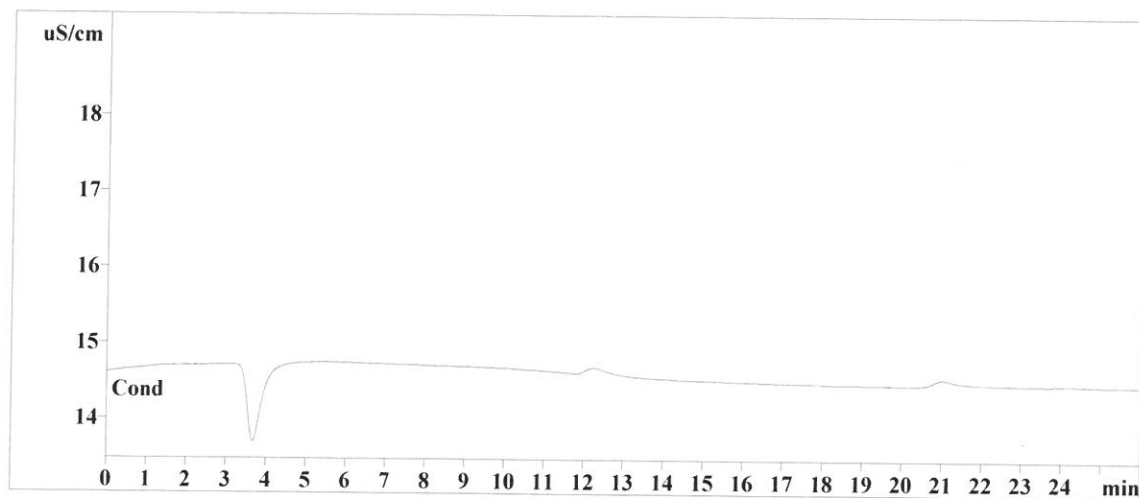
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File: _2018-10-17_

Last save: 10/18/2018 10:30:32 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64546

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 3
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: 10/18/2018 10:31:37 AM
Printed by: wet

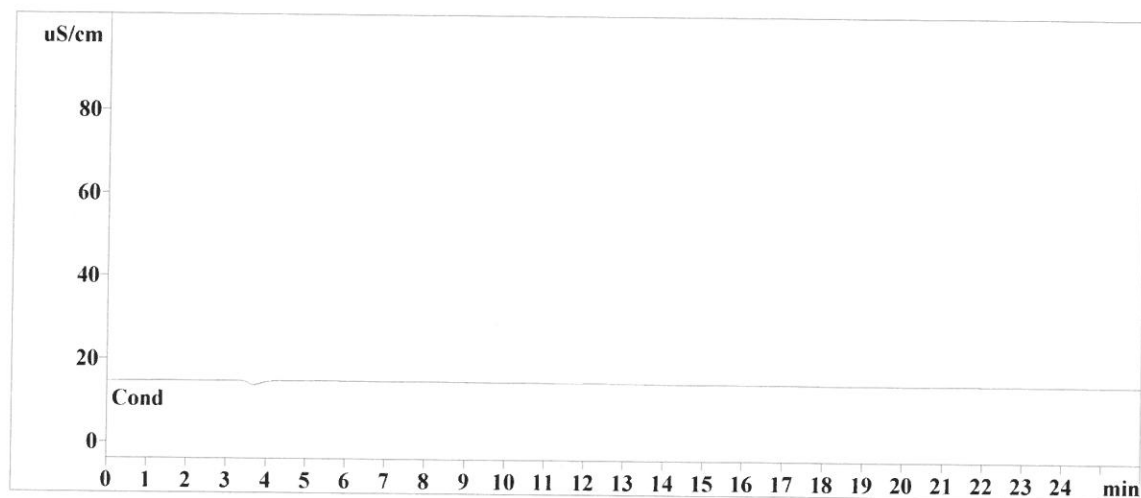
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Analysis from: 10/17/2018 10:55:59 PM
File: _2018-10-17_

Last save: 10/18/2018 10:31:38 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64547

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 4
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: 10/18/2018 10:31:48 AM
Printed by: wet

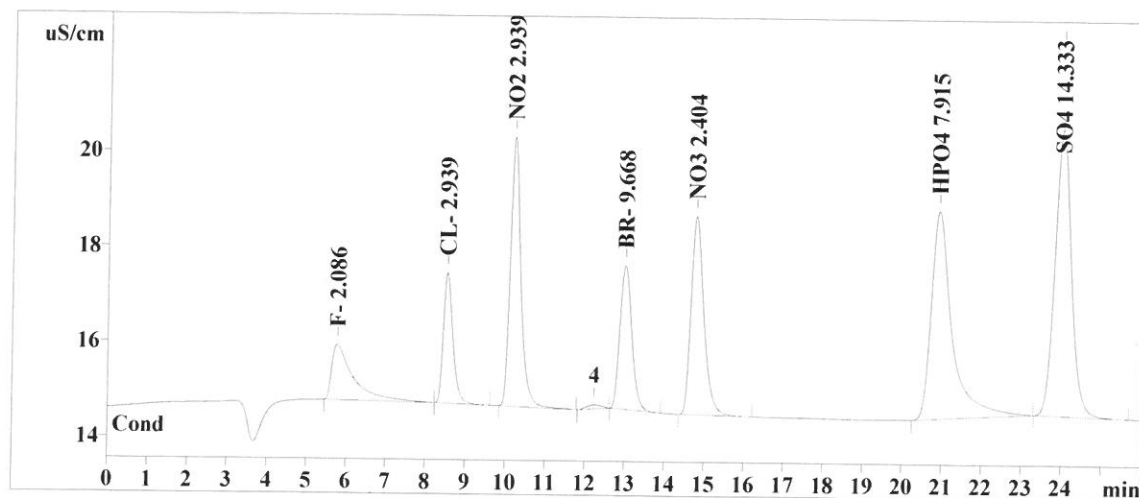
Ident: LB98662BSW2
Analysis from: 10/17/2018 11:24:55 PM
File: _2018-10-17_

Last save: 10/18/2018 10:31:12 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64548

Last save: 10/17/2018 4:05:22 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	5.77	0.488	1.16	4.27	44.039	6.43	0.
2	8.53	0.245	2.73	10.05	44.927	6.56	0.
3	10.19	0.273	5.65	20.79	104.778	15.30	0.
4	12.99	0.335	3.01	11.08	64.581	9.43	0.
5	14.77	0.333	4.16	15.31	92.447	13.50	0.
6	20.90	0.481	4.36	16.04	159.205	23.24	0.
7	23.99	0.434	6.02	22.15	172.879	25.24	0.
7	26.00	0.370	27.11	99.69	682.856	99.69	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:33:18 AM
Printed by: wet

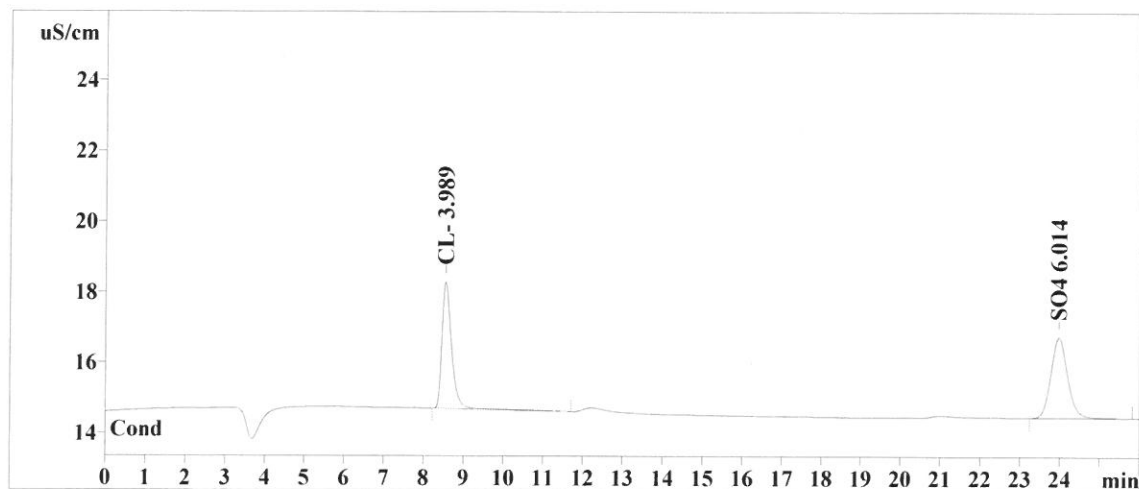
Ident: J5569-08DLX10
Analysis from: 10/17/2018 11:53:50 PM
File: _2018-10-17_

Last save: 10/18/2018 10:33:18 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64549

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 27
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	8.54	0.246	3.58	61.09	61.677	47.96	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	23.97	0.443	2.28	38.89	66.913	52.04	0.
7	26.00	0.098	5.86	99.98	128.590	100.00	0.

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Report date: 10/18/2018 10:33:50 AM
Printed by: wet

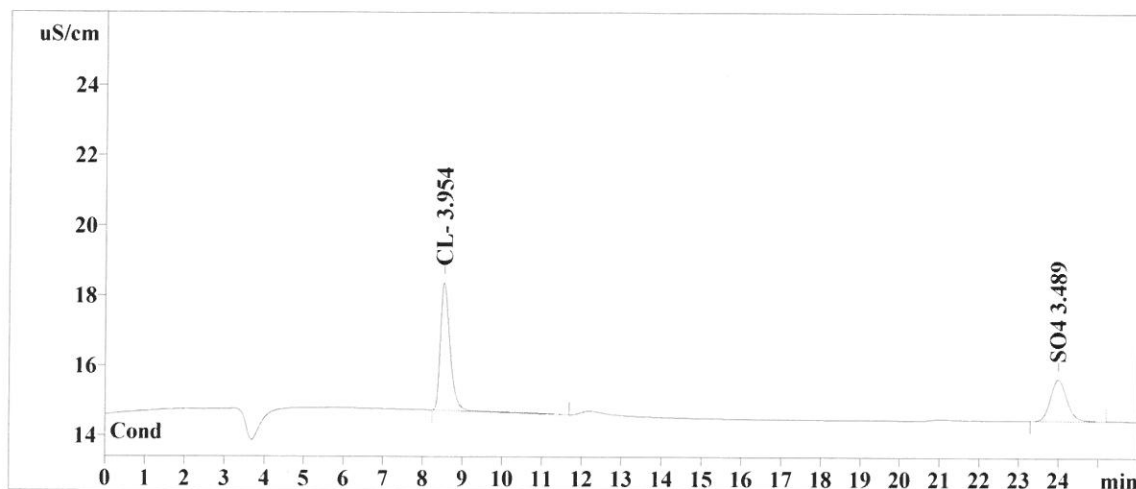
Ident: J5569-09DLX10
Analysis from: 10/18/2018 12:22:46 AM
File: _2018-10-18_

Last save: 10/18/2018 10:33:44 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64550

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 28
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	8.53	0.245	3.63	75.32	61.108	63.74	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	23.99	0.443	1.19	24.66	34.761	36.26	0.
7	26.00	0.098	4.83	99.99	95.869	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:34:46 AM
Printed by: wet

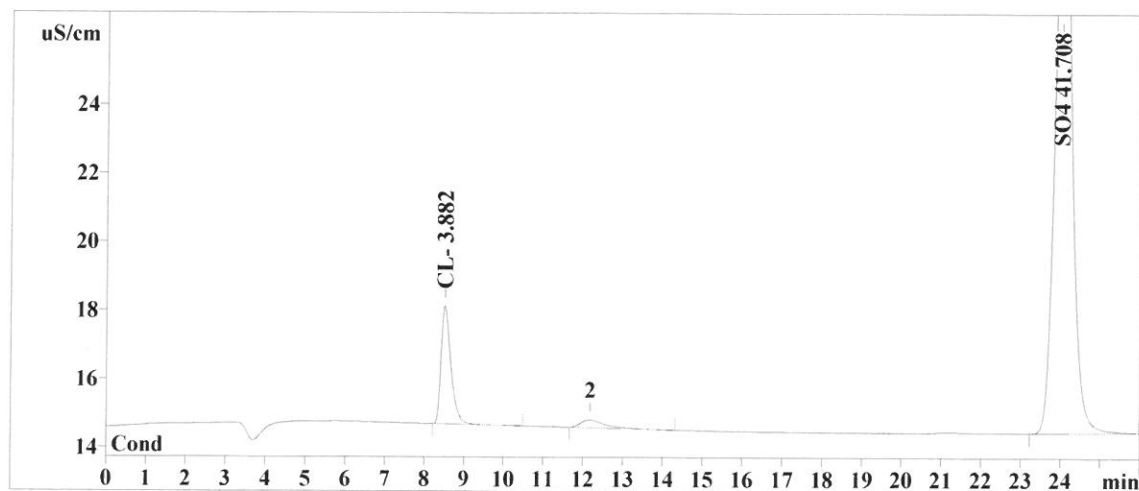
Ident: J5569-13DLX5
Analysis from: 10/18/2018 12:51:41 AM
File: _2018-10-18_

Last save: 10/18/2018 10:34:46 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64551

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 29
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	0.259	3.43	15.56	59.972	10.14	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	24.00	0.426	18.39	83.37	521.563	88.16	0.
7	26.00	0.098	21.83	98.94	581.534	98.29	0.

This report has been created by IC Net
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Report date: 10/18/2018 10:35:08 AM
 Printed by: wet

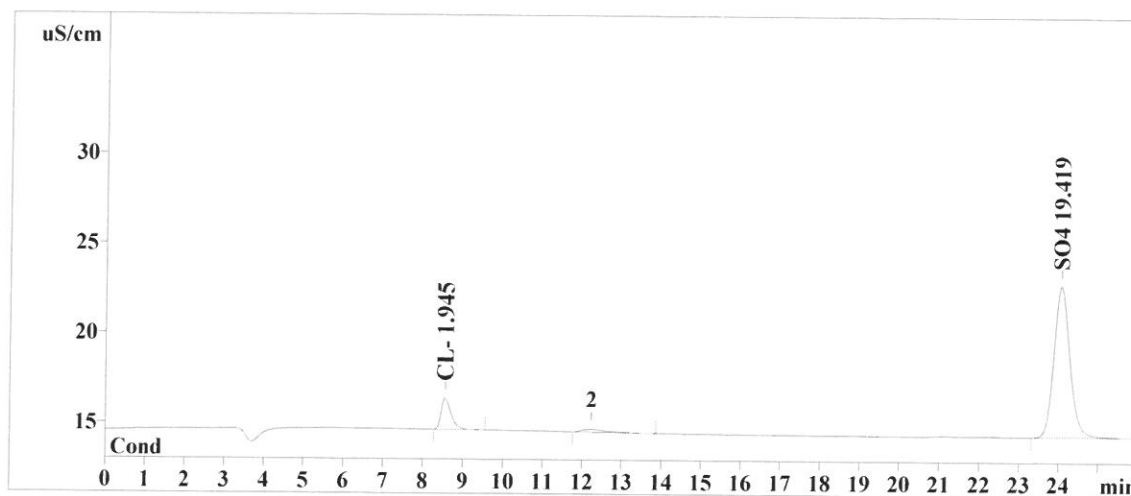
Ident: J5569-13DL2X10
 Analysis from: 10/18/2018 1:20:37 AM
 File: _2018-10-18_

Last save: 10/18/2018 10:35:08 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64552

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
 : AK/AP
 Vial number: 30
 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	8.55	0.252	1.73	16.81	29.083	10.64	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	24.05	0.426	8.39	81.65	237.652	86.93	0.
7	26.00	0.097	10.11	98.46	266.735	97.57	0.

This report has been created by IC Net
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Report date: 10/18/2018 10:36:25 AM
Printed by: wet

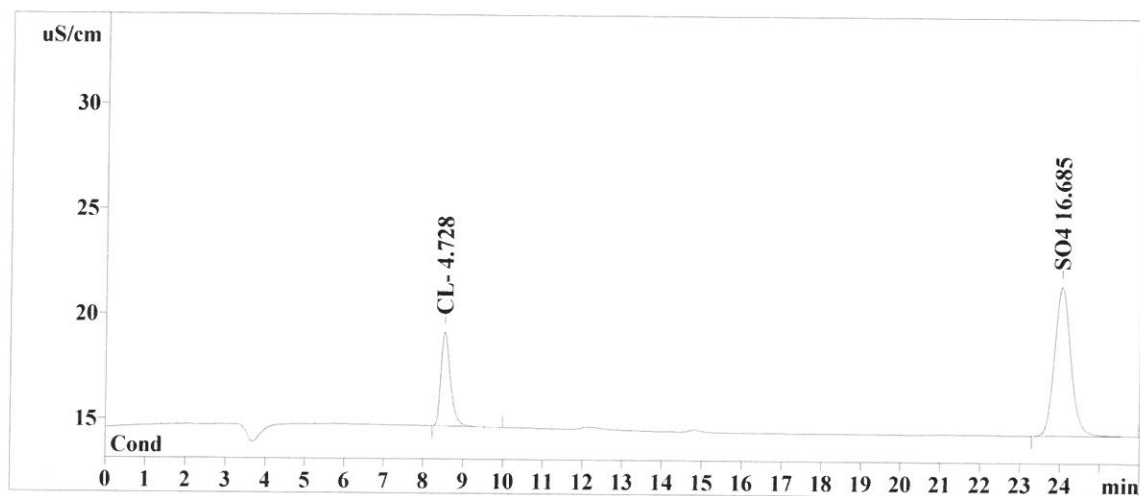
Ident: J5569-12DLX10
Analysis from: 10/18/2018 1:49:32 AM
File: _2018-10-18_

Last save: 10/18/2018 10:36:26 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64553

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 31
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	8.52	0.245	4.46	38.64	73.455	26.59	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	24.03	0.430	7.08	61.35	202.834	73.41	0.
7	26.00	0.096	11.54	99.98	276.289	100.00	0.

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Report date: 10/18/2018 10:37:37 AM
Printed by: wet

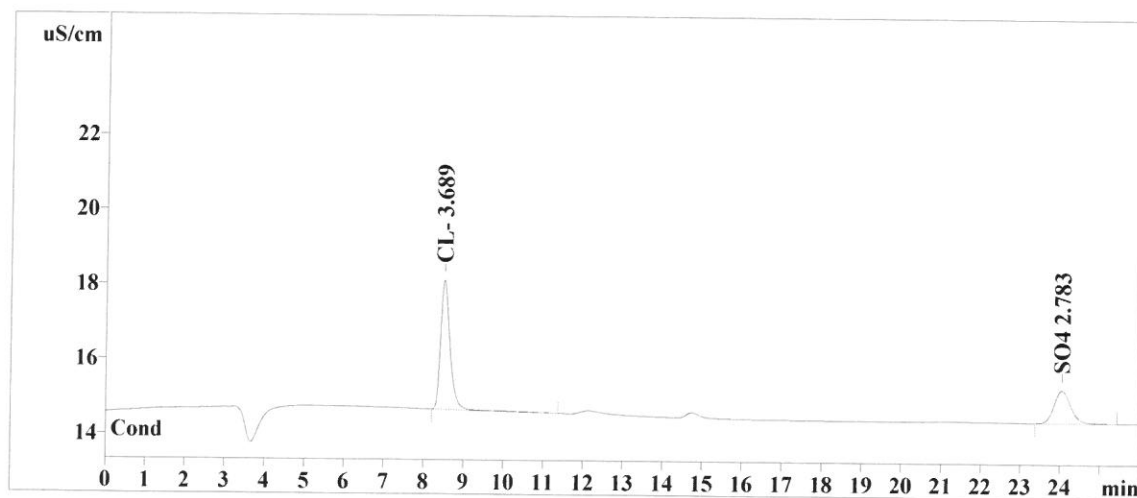
Ident: J5569-06DLX10
Analysis from: 10/18/2018 2:18:27 AM
File: _2018-10-18_

Last save: 10/18/2018 10:37:38 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64554

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 32
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	8.50	0.241	3.45	79.74	56.886	68.82	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	24.05	0.443	0.88	20.24	25.768	31.18	0.
7	26.00	0.098	4.33	99.98	82.655	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/18/2018 10:37:50 AM
 Printed by: wet

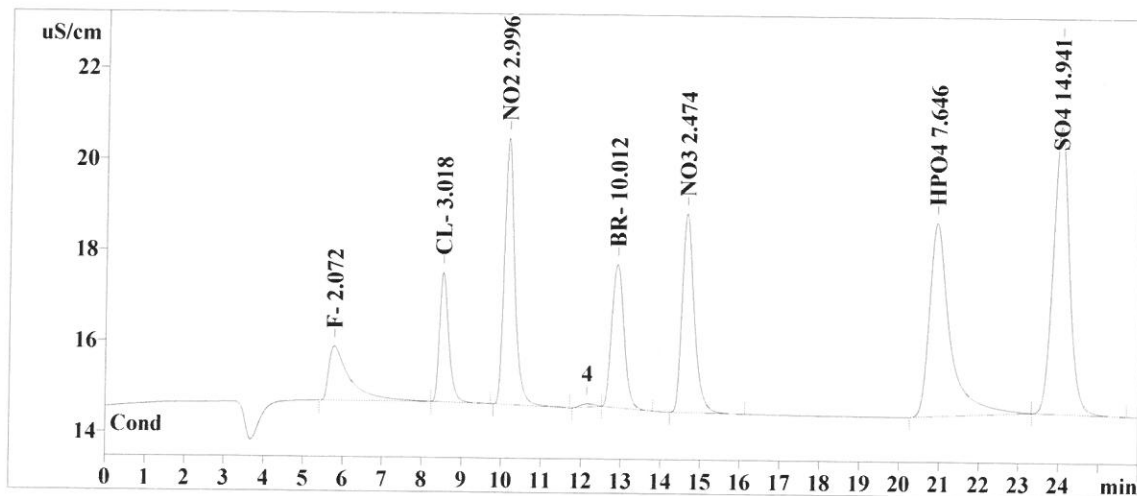
Ident: CCV
 Analysis from: 10/18/2018 2:47:22 AM
 File: _2018-10-18_

Last save: 10/18/2018 3:13:12 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64555

Last save: 10/17/2018 4:05:22 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	5.77	0.475	1.19	4.24	43.711	6.29	0.
2	8.51	0.242	2.84	10.15	46.192	6.64	0.
3	10.14	0.269	5.85	20.87	106.878	15.37	0.
4	12.88	0.333	3.14	11.21	66.995	9.64	0.
5	14.62	0.327	4.37	15.58	95.265	13.70	0.
6	20.91	0.478	4.25	15.15	153.917	22.14	0.
7	24.01	0.433	6.31	22.53	180.616	25.98	0.
7	26.00	0.365	27.95	99.74	693.574	99.76	0.

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Report date: 10/18/2018 10:38:10 AM
Printed by: wet

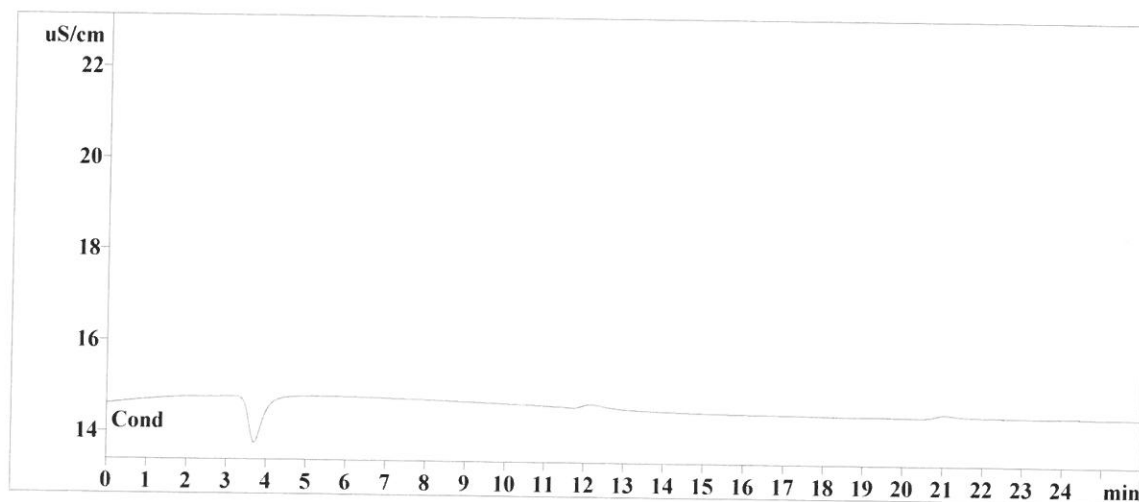
Ident: CCB
Analysis from: 10/18/2018 3:16:18 AM
File: _2018-10-18_

Last save: 10/18/2018 10:38:06 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64556

Last save: 10/17/2018 4:05:22 PM

SAMPLE:
: AK/AP
Vial number: 3
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