

Clear table

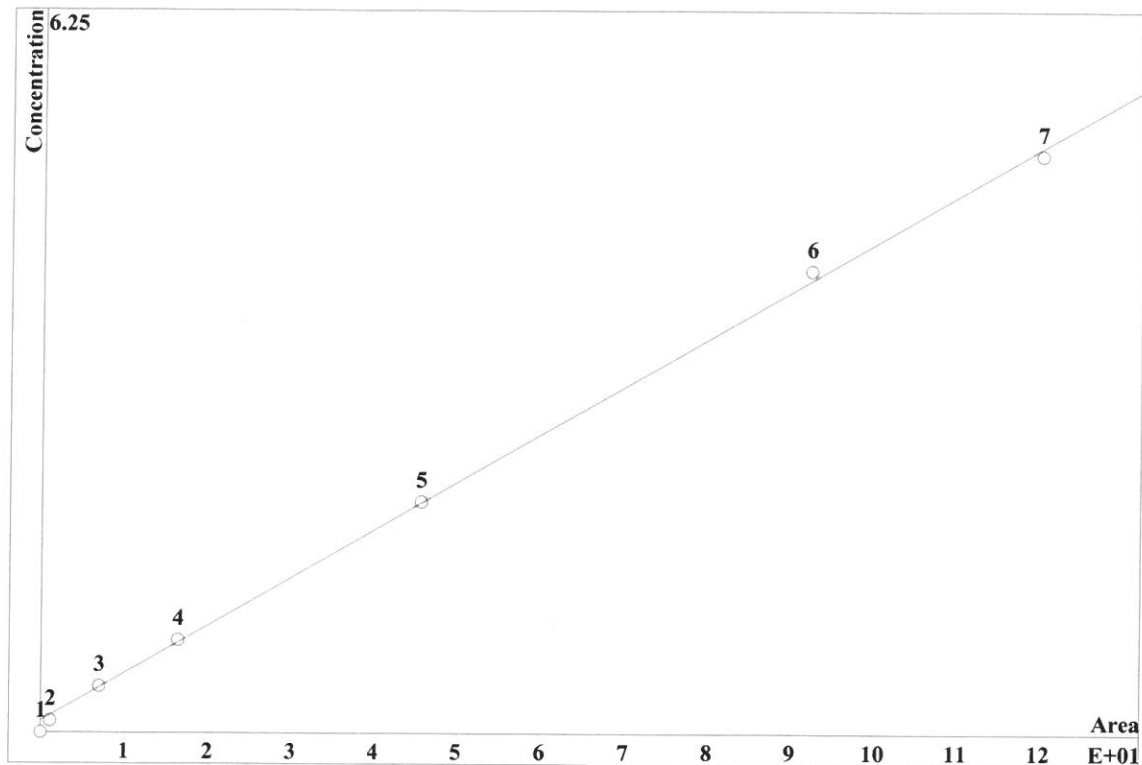
IC-1 3000
U-6-12 AR

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
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-03-19	3/19/18 11:39
STD2	0.1500	0.2550	0.2370	0.8930	0.2300	0.1560	1.3110	2018-03-19	3/19/18 12:11
STD3	0.3910	0.6370	0.6410	2.1570	0.5450	0.9160	3.1970	2018-03-19	3/19/18 12:43
STD4	0.7810	1.1970	1.1780	3.8990	0.9790	2.0960	5.8990	2018-03-19	3/19/18 13:15
STD5	1.9910	2.8560	2.9190	9.4060	2.3260	5.1130	14.1490	2018-03-19	3/19/18 13:47
STD6	3.9180	5.8250	5.7830	19.7170	4.9370	10.1390	29.5500	2018-03-19	3/19/18 14:19
STD7	5.0690	7.6800	7.6910	25.4270	6.3580	12.3300	38.1440	2018-03-19	3/19/18 14:51
ICV	1.9800	2.9080	2.9290	9.6630	2.3880	5.2610	15.2060	2018-03-19	3/19/18 16:27
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-03-19	3/19/18 17:23
CCV	1.9980	2.8200	2.8430	9.3690	2.3360	4.6550	13.7010	2018-04-05	4/5/18 10:41
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-05	4/5/18 11:13
LB94395BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-05	4/5/18 11:43
LB94395BSW	2.0620	2.8500	2.9080	9.6510	2.4120	5.0460	14.8970	2018-04-05	4/5/18 12:14
J2229-01	0.5630	543.9670	0.0000	0.0000	0.5450	0.0000	171.7090	2018-04-05	4/5/18 12:47
J2252-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-05	4/5/18 13:18
J2216-01	0.0000	1747.9750	0.0000	3.9890	0.0000	0.9970	387.4800	2018-04-05	4/5/18 13:49
J2216-02	0.0000	11151.0500	0.0000	26.1640	0.0000	1.5280	857.6350	2018-04-05	4/5/18 14:19
J2216-03	0.0000	447.0040	0.0000	1.4930	0.0000	1.4520	307.9200	2018-04-05	4/5/18 14:50
J2242-01	0.0000	0.5000	0.0000	0.0000	0.2590	0.0000	1.2630	2018-04-05	4/5/18 15:21
J2229-01DLX100	0.0000	3.5670	0.0000	0.0000	0.0000	0.0000	1.8710	2018-04-05	4/5/18 15:52
J2229-01DL2X5	0.0000	100.1150	0.0000	0.0000	0.1950	0.0000	28.7290	2018-04-05	4/5/18 16:23
CCV	1.8960	2.9370	2.8860	9.3910	2.3390	4.9740	14.3810	2018-04-05	4/5/18 16:54
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-05	4/5/18 17:25
J2216-01DLX20	0.0000	74.0590	0.0000	0.0000	0.0000	0.0000	14.3320	2018-04-05	4/5/18 17:56
J2216-02DLX50	0.0000	203.0940	0.0000	0.8890	0.0000	0.0000	12.7550	2018-04-05	4/5/18 18:27
J2216-03DLX10	0.0000	38.0140	0.0000	0.0000	0.0000	0.0000	23.9300	2018-04-05	4/5/18 18:58
J2242-01DUP	0.0000	0.4740	0.0000	0.0000	0.2560	0.0000	1.2590	2018-04-05	4/5/18 19:29
J2242-01MS	2.0170	3.3790	2.9450	9.7160	2.6200	5.1040	15.2690	2018-04-05	4/5/18 19:59
CCV	1.9770	2.9240	2.8620	9.4590	2.3690	5.1380	14.7500	2018-04-05	4/5/18 20:30
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-05	4/5/18 21:01

IC-1 3-19-18
cal Ak

CALIBRATION OF COMPONENT F-

Method: ANIONS 03-19-18.mtw
Equation: $Q = 0.827175 \cdot A + 2.04637$
RSD: 2.922 %
Correlation coefficient: 0.999651



K3 = 0 K2 = 0 K1 = 0.827175 K0 = 2.04637

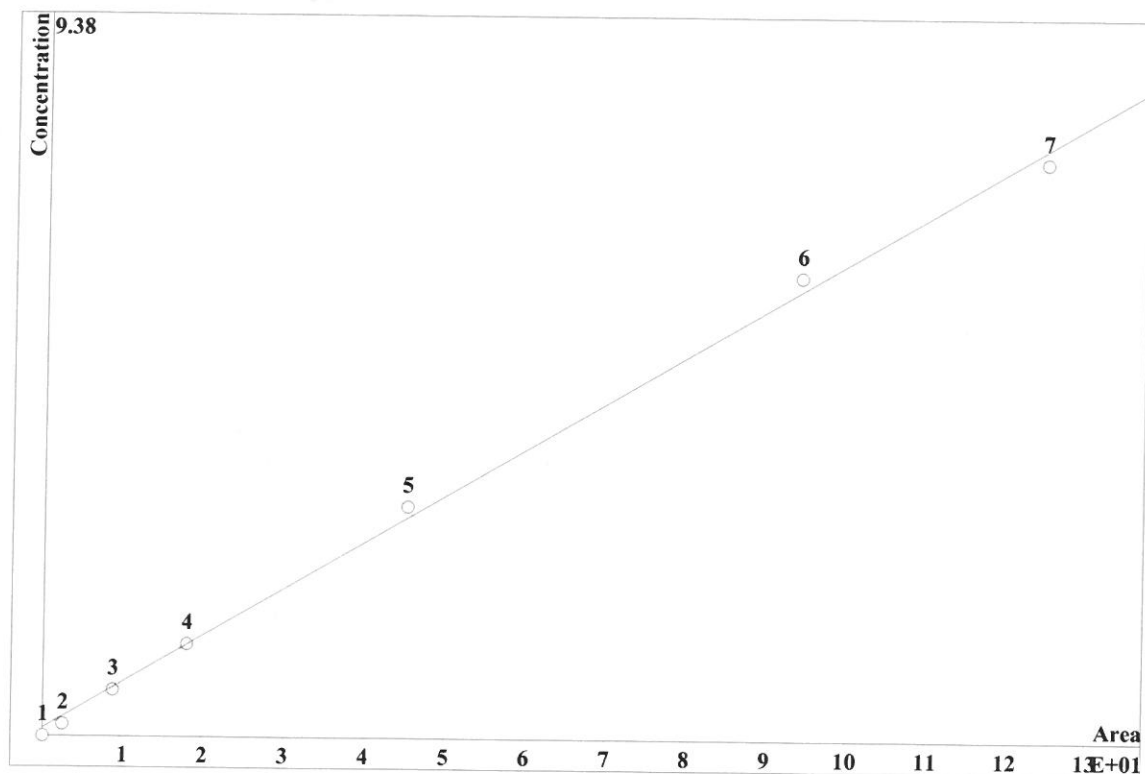
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
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1	0	0	0	0	0	No
2	0.04538	1.141	0.1	20	5.921	Yes
3	0.2594	6.989	0.4	20	5.921	Yes
4	0.5635	16.41	0.8	20	5.921	Yes
5	1.518	45.66	2	20	5.921	Yes
6	3.234	92.27	4	20	5.921	Yes
7	4.105	120.1	5	20	5.921	Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 1.21583 \cdot A + 2.13837$
 RSD: 5.049 %
 Correlation coefficient: 0.998959



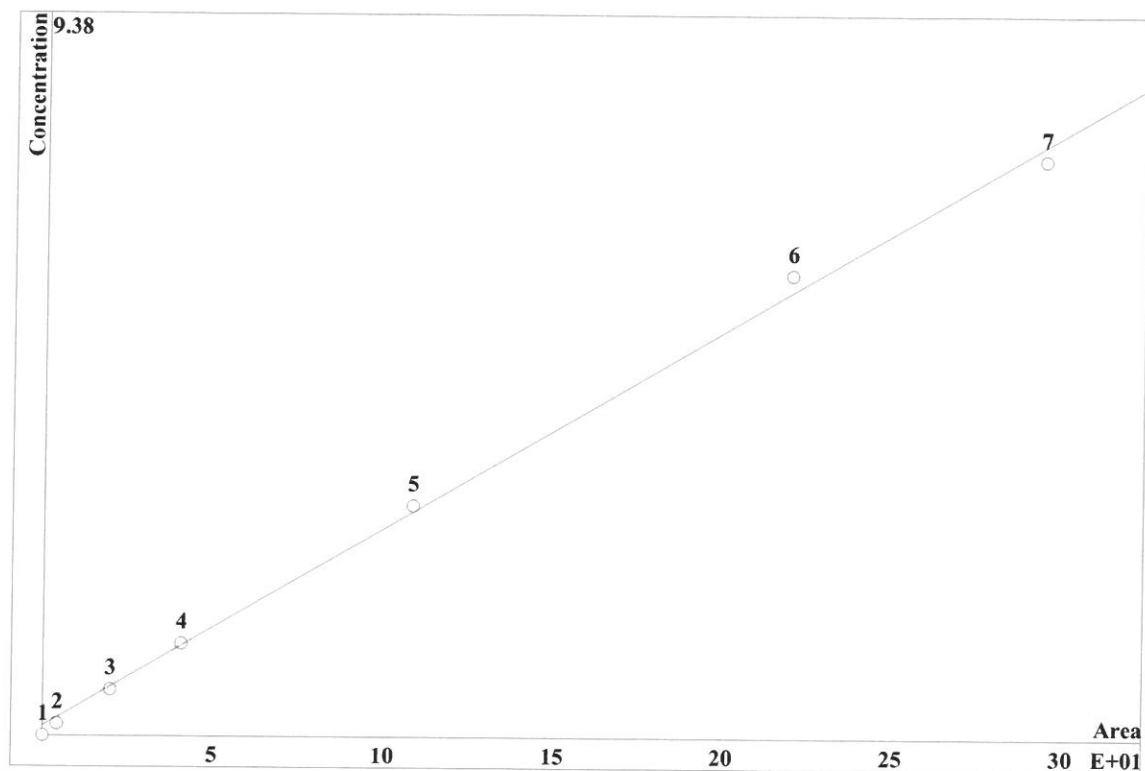
K3 = 0 K2 = 0 K1 = 1.21583 K0 = 2.13837

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	0.1382	2.432	0.15	20	8.982	Yes		Yes
3	0.5252	8.718	0.6	20	8.982	Yes		Yes
4	1.075	17.94	1.2	20	8.982	Yes		Yes
5	2.756	45.22	3	20	8.982	Yes		Yes
6	5.764	94.06	6	20	8.982	Yes		Yes
7	7.49	124.6	7.5	20	8.982	Yes		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 0.51376 \cdot A + 2.60348$
 RSD: 5.143 %
 Correlation coefficient: 0.998920



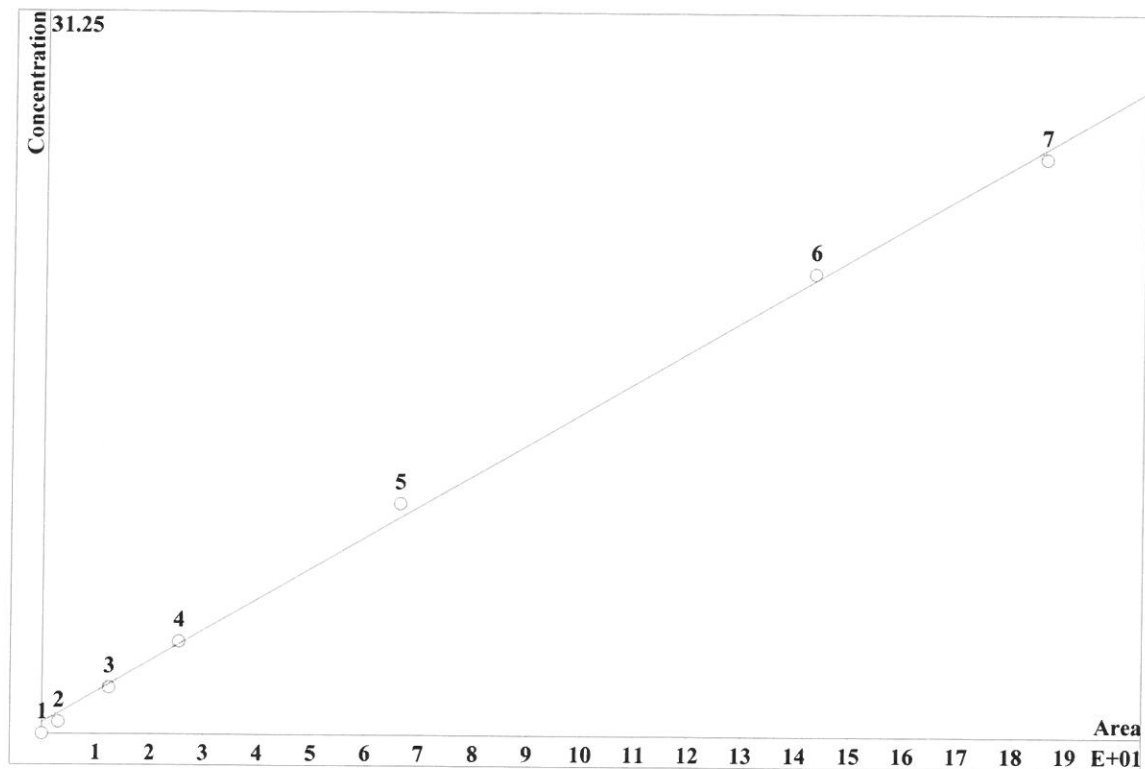
K3 = 0 K2 = 0 K1 = 0.51376 K0 = 2.60348

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	0.21	4.156	0.15	20	10.72	Yes		
3	1.035	19.9	0.6	20	10.72	Yes		
4	2.13	40.8	1.2	20	10.72	Yes		
5	5.487	108.6	3	20	10.72	Yes		
6	11.13	220	6	20	10.72	Yes		
7	14.24	294.3	7.5	20	10.72	Yes		

CALIBRATION OF COMPONENT BR-

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 2.68494 \cdot A + 9.86212$
 RSD: 4.375 %
 Correlation coefficient: 0.999218



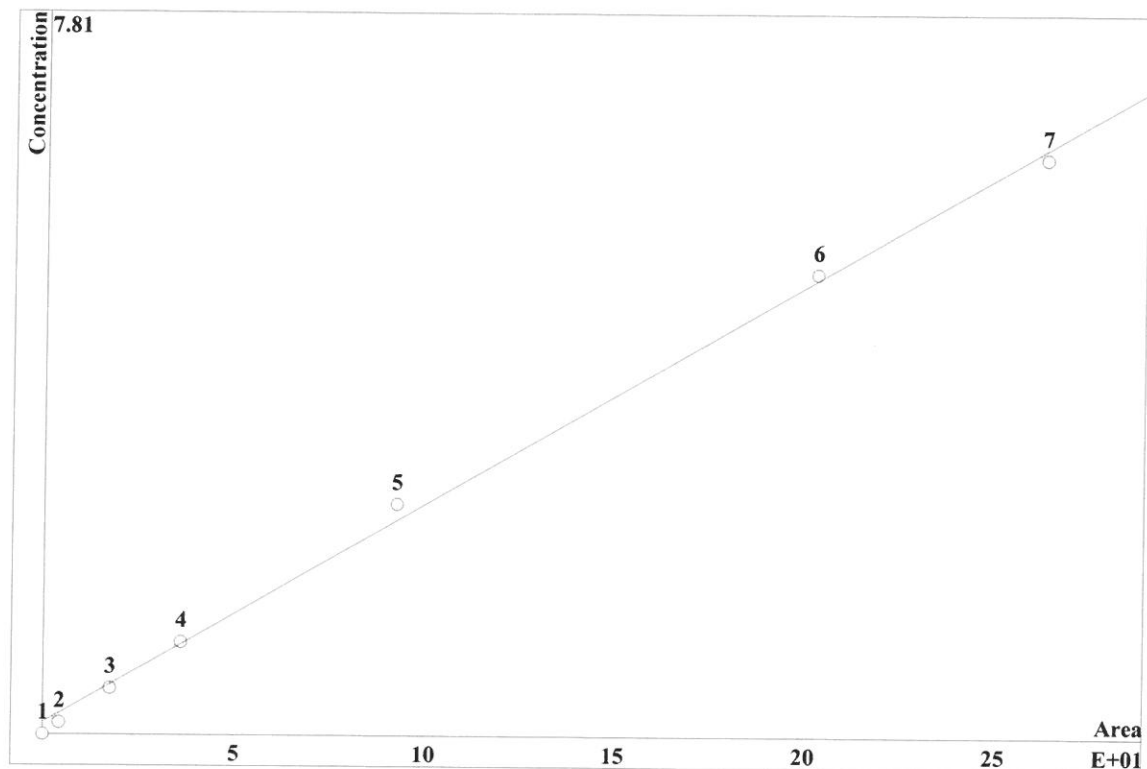
K3 = 0 K2 = 0 K1 = 2.68494 K0 = 9.86212

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	0.1528	2.981	0.5	20	13.6			Yes
3	0.6454	12.39	2	20	13.6			Yes
4	1.339	25.37	4	20	13.6			Yes
5	3.519	66.39	10	20	13.6			Yes
6	7.35	143.2	20	20	13.6			Yes
7	9.434	185.7	25	20	13.6			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 0.473492 \cdot A + 2.64071$
 RSD: 4.760 %
 Correlation coefficient: 0.999075

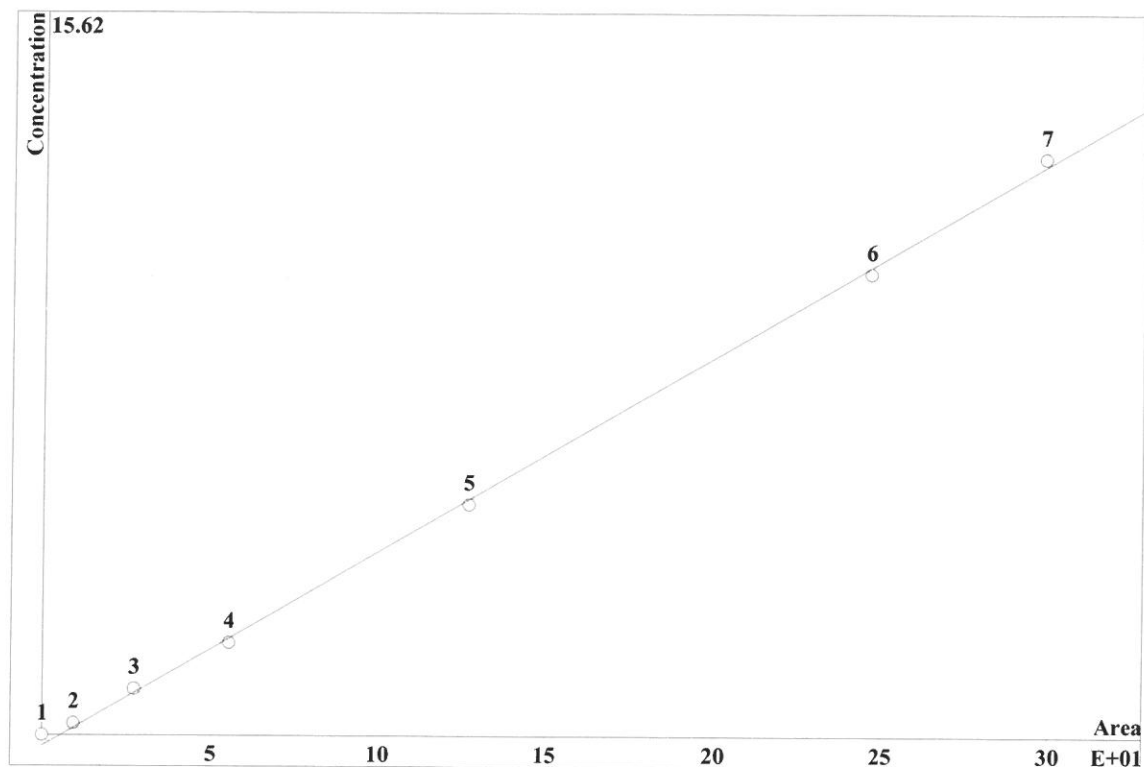


K3 = 0 K2 = 0 K1 = 0.473492 K0 = 2.64071
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1886	4.149	0.125	20	15.49			Yes
3	0.7944	17.44	0.5	20	15.49			Yes
4	1.643	35.76	1	20	15.49			Yes
5	4.336	92.66	2.5	20	15.49			Yes
6	9.344	203	5	20	15.49			Yes
7	12.2	263	6.25	20	15.49			Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 0.841758 \cdot A - 4.5807$
 RSD: 2.868 %
 Correlation coefficient: 0.999664



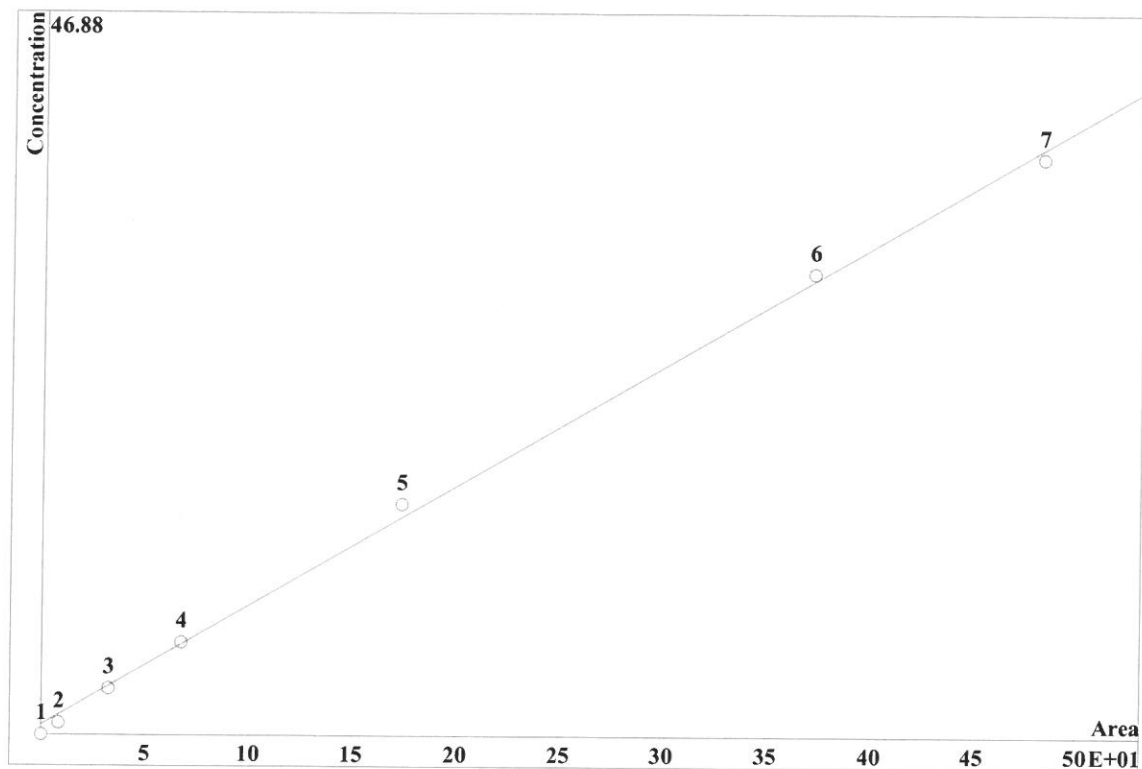
K3 = 0 K2 = 0 K1 = 0.841758 K0 = -4.5807

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	0.2149	9.149	0.25	20	22.72			Yes
3	0.6954	27.2	1	20	22.72			Yes
4	1.377	55.25	2	20	22.72			Yes
5	3.348	126.9	5	20	22.72			Yes
6	6.804	246.3	10	20	22.72			Yes
7	8.626	298.4	12.5	20	22.72			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 03-19-18.mtw
 Equation: $Q = 1.55224 \cdot A + 13.2199$
 RSD: 4.247 %
 Correlation coefficient: 0.999263



K3 = 0 K2 = 0 K1 = 1.55224 K0 = 13.2199

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	0.2644	8.376	0.75	20	25.7			Yes
3	1.07	32.68	3	20	25.7			Yes
4	2.205	67.48	6	20	25.7			Yes
5	5.865	173.8	15	20	25.7			Yes
6	12.67	372.2	30	20	25.7			Yes
7	16.58	483	37.5	20	25.7			Yes

Report date: 3/19/2018 4:51:12 PM
Printed by: wet

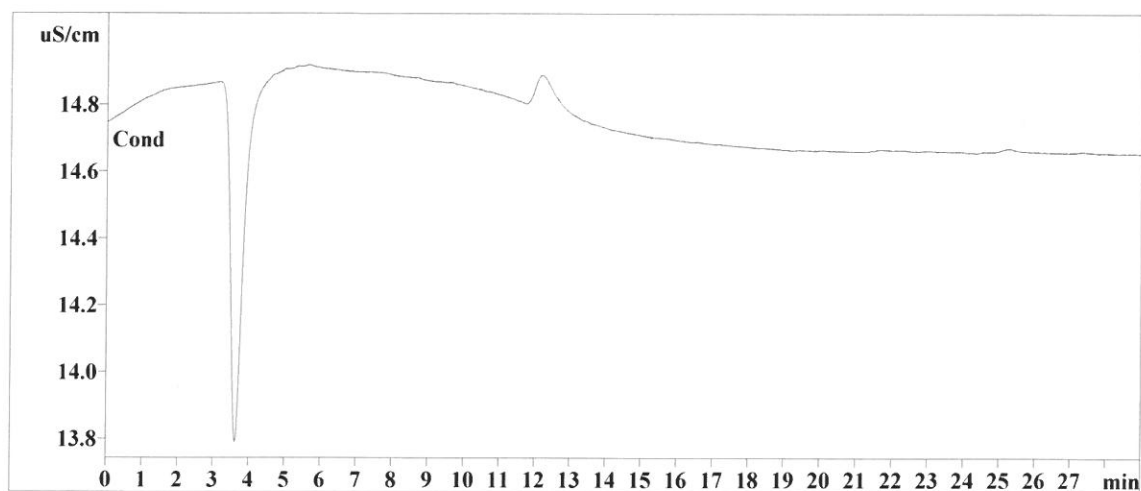
Ident: STD1
Analysis from: 3/19/2018 11:39:46 AM
File: _2018-03-19_

Last save: 3/19/2018 4:49:08 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61448

Last save: 3/19/2018 9:52:10 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
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Report date: 3/19/2018 4:51:19 PM
Printed by: wet

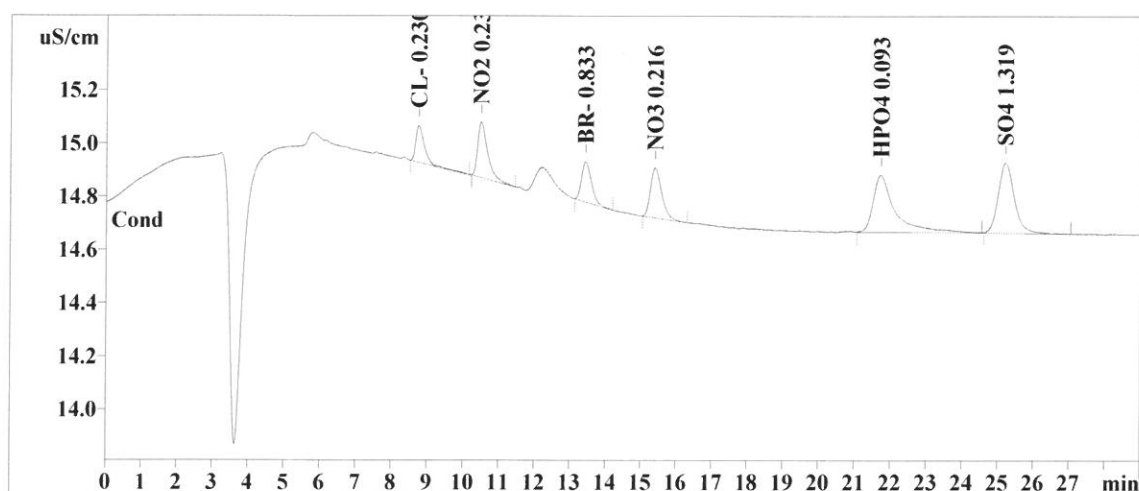
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Analysis from: 3/19/2018 12:11:40 PM
File: _2018-03-19_

Last save: 3/19/2018 4:50:02 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61449

Last save: 3/19/2018 9:52:10 AM

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	8.74	0.250	0.14	11.78	2.432	7.78	0.
3	10.49	0.286	0.21	17.92	4.156	13.30	0.
4	13.43	0.301	0.15	13.00	2.981	9.54	0.
5	15.38	0.332	0.19	16.07	4.149	13.28	0.
6	21.72	0.523	0.21	18.31	9.149	29.28	0.
7	25.21	0.468	0.26	22.57	8.376	26.81	0.
7	29.00	0.309	1.16	99.65	31.243	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 4:52:13 PM
Printed by: wet

Ident: STD2
Analysis from: 3/19/2018 12:11:40 PM
File: _2018-03-19_

Last save: 3/19/2018 4:52:12 PM

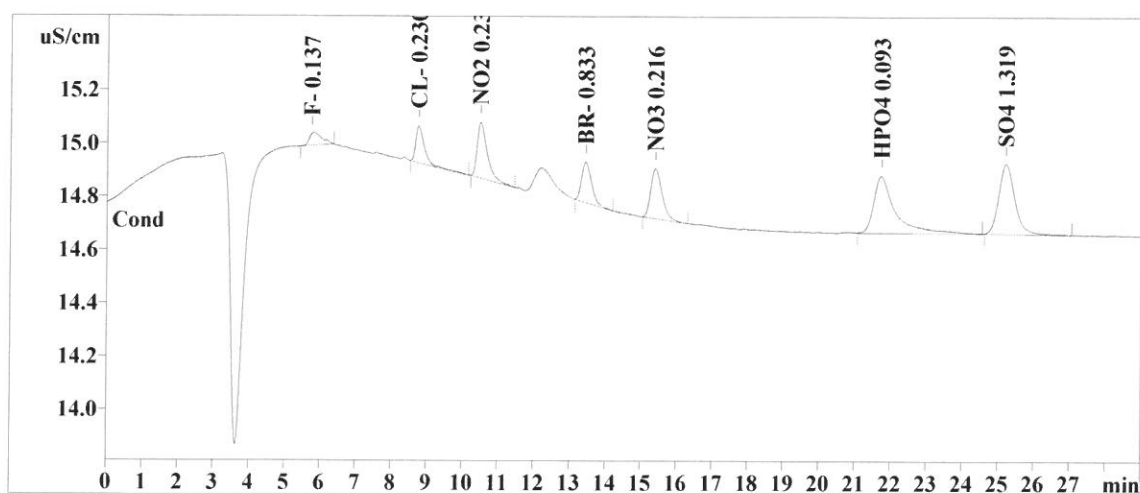
Manual peaks!

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61449

Last save: 3/19/2018 9:52:10 AM

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	5.74	0.369	0.05	3.74	1.141	3.52	0.
2	8.74	0.250	0.14	11.34	2.432	7.51	0.
3	10.49	0.286	0.21	17.25	4.156	12.83	0.
4	13.43	0.301	0.15	12.51	2.981	9.20	0.
5	15.38	0.332	0.19	15.47	4.149	12.81	0.
6	21.72	0.523	0.21	17.63	9.149	28.25	0.
7	25.21	0.468	0.26	21.73	8.376	25.86	0.
7	29.00	0.361	1.21	99.67	32.384	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 5:16:31 PM
Printed by: wet

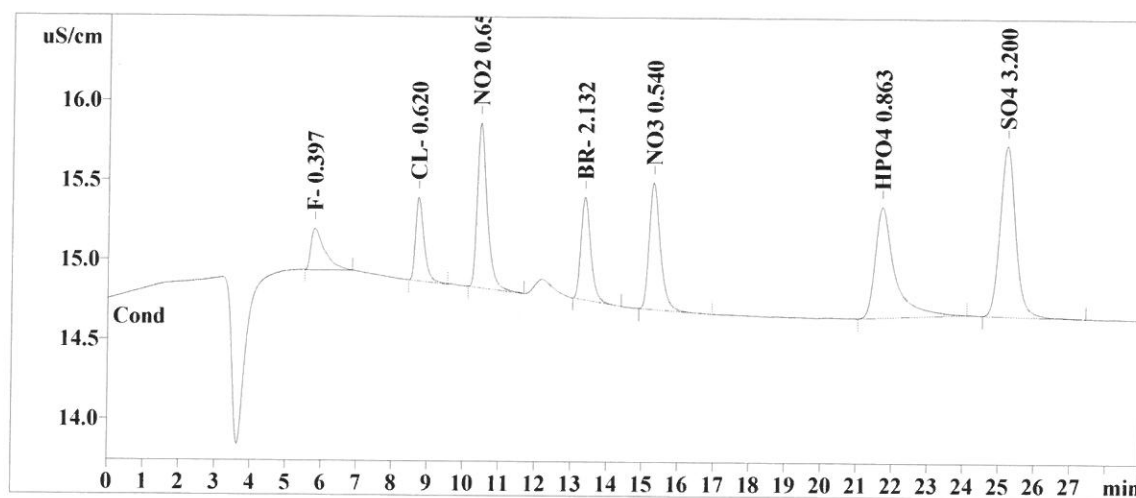
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Analysis from: 3/19/2018 12:43:34 PM
File: _2018-03-19_

Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61450

Last save: 3/19/2018 9:52:10 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	5.79	0.378	0.26	5.15	6.989	5.58	0.
2	8.72	0.248	0.52	10.44	8.718	6.96	0.
3	10.46	0.282	1.03	20.57	19.904	15.88	0.
4	13.36	0.289	0.64	12.83	12.392	9.89	0.
5	15.29	0.326	0.79	15.80	17.438	13.92	0.
6	21.70	0.505	0.70	13.83	27.196	21.70	0.
7	25.21	0.454	1.07	21.29	32.680	26.08	0.
7	29.00	0.355	5.02	99.92	125.316	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 5:16:37 PM
Printed by: wet

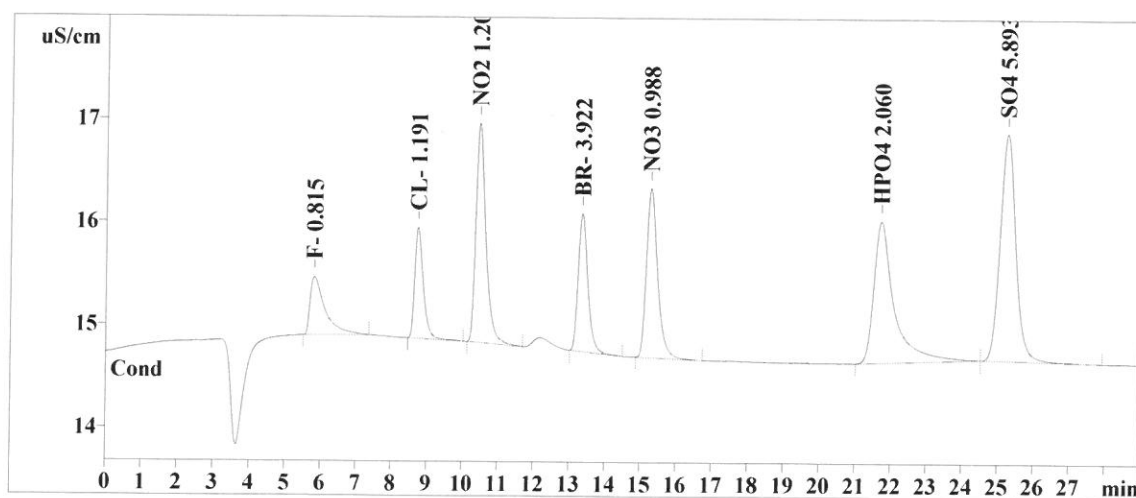
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Analysis from: 3/19/2018 1:15:28 PM
File: _2018-03-19_

Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61451

Last save: 3/19/2018 9:52:10 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	5.81	0.391	0.56	5.44	16.409	6.33	0.
2	8.73	0.246	1.08	10.41	17.939	6.93	0.
3	10.45	0.280	2.13	20.61	40.803	15.75	0.
4	13.35	0.285	1.34	12.96	25.373	9.80	0.
5	15.27	0.323	1.64	15.89	35.765	13.81	0.
6	21.71	0.507	1.38	13.32	55.249	21.33	0.
7	25.25	0.458	2.21	21.34	67.485	26.05	0.
7	29.00	0.356	10.33	99.98	259.022	100.00	0.

This report has been created by IC Net
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Report date: 3/19/2018 5:16:44 PM
Printed by: wet

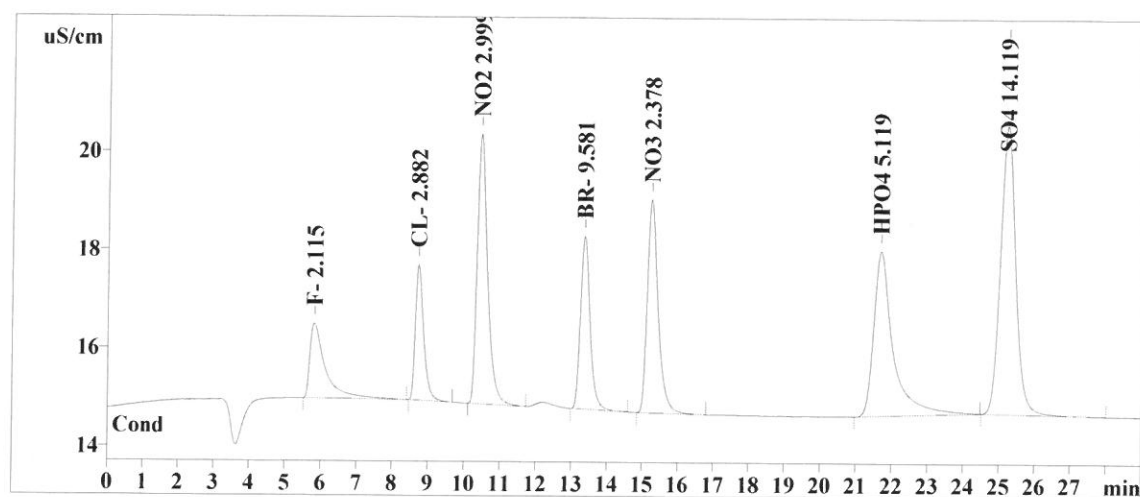
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Analysis from: 3/19/2018 1:47:22 PM
File: _2018-03-19_

Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61452

Last save: 3/19/2018 9:52:10 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	5.81	0.382	1.52	5.65	45.665	6.93	0.
2	8.72	0.244	2.76	10.27	45.218	6.86	0.
3	10.44	0.291	5.49	20.45	108.582	16.47	0.
4	13.35	0.283	3.52	13.12	66.393	10.07	0.
5	15.23	0.315	4.34	16.16	92.663	14.06	0.
6	21.68	0.486	3.35	12.48	126.933	19.25	0.
7	25.21	0.443	5.86	21.86	173.784	26.36	0.
7	29.00	0.349	26.83	99.99	659.239	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 5:16:51 PM
Printed by: wet

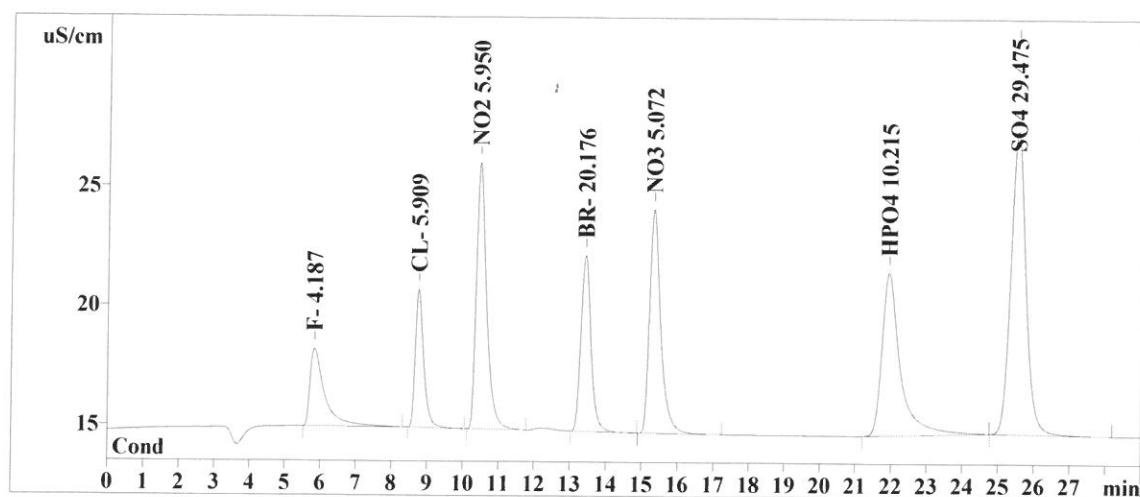
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Analysis from: 3/19/2018 2:19:16 PM
File: _2018-03-19_

Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61453

Last save: 3/19/2018 9:52:10 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	5.83	0.371	3.23	5.74	92.268	6.73	0.
2	8.74	0.241	5.76	10.24	94.056	6.86	0.
3	10.45	0.290	11.13	19.77	220.042	16.05	0.
4	13.42	0.292	7.35	13.06	143.199	10.44	0.
5	15.31	0.316	9.34	16.60	202.969	14.80	0.
6	21.92	0.475	6.80	12.09	246.345	17.97	0.
7	25.51	0.439	12.67	22.50	372.225	27.15	0.
7	29.00	0.346	56.30	100.00	1371.105	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/19/2018 5:16:57 PM
Printed by: wet

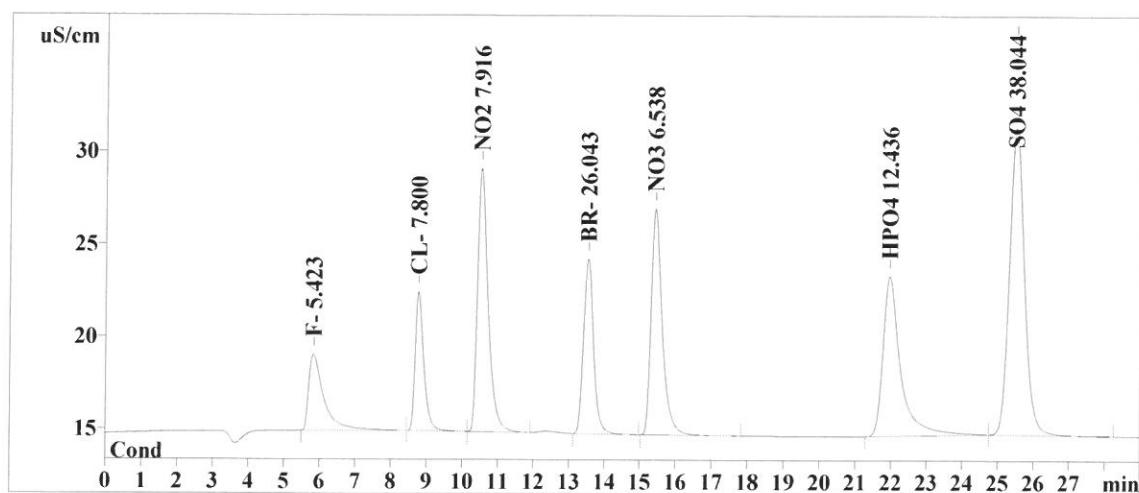
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Analysis from: 3/19/2018 2:51:11 PM
File: _2018-03-19_

Last save: 3/19/2018 5:16:16 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61454

Last save: 3/19/2018 9:52:10 AM

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	5.83	0.387	4.10	5.65	120.082	6.79	0.
2	8.77	0.245	7.49	10.31	124.582	7.04	0.
3	10.51	0.304	14.24	19.59	294.341	16.64	0.
4	13.53	0.296	9.43	12.98	185.734	10.50	0.
5	15.41	0.314	12.20	16.79	262.984	14.87	0.
6	21.95	0.457	8.63	11.87	298.393	16.87	0.
7	25.49	0.436	16.58	22.81	482.955	27.30	0.
7	29.00	0.349	72.68	99.99	1769.070	100.00	0.

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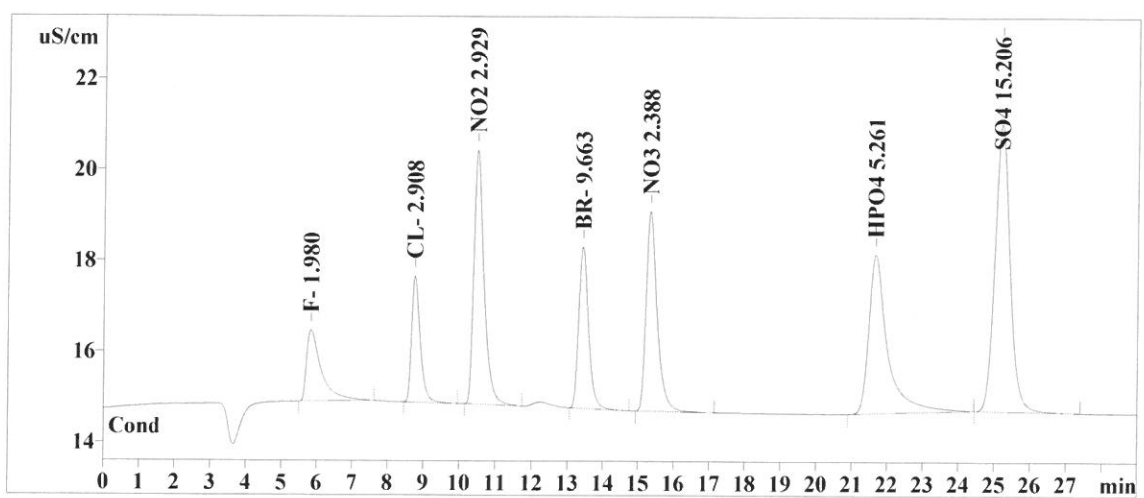
Report date: 3/19/2018 6:46:42 PM
 Printed by: wet

Ident: ICV
 Analysis from: 3/19/2018 4:27:28 PM
 File: _2018-03-19_

Last save: 3/19/2018 6:46:38 PM

Method: ANIONS 03-19-18.mtw
 Run operator: wet
 Analysis number: 61457

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	5.83	0.389	1.56	5.64	45.402	6.66	0.
2	8.75	0.246	2.78	10.02	46.071	6.76	0.
3	10.48	0.285	5.60	20.21	108.955	15.98	0.
4	13.42	0.288	3.56	12.84	68.309	10.02	0.
5	15.32	0.319	4.39	15.85	95.307	13.98	0.
6	21.66	0.482	3.49	12.60	130.436	19.13	0.
7	25.19	0.443	6.33	22.84	187.404	27.48	0.
7	29.00	0.350	27.70	100.00	681.883	100.00	0.

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Report date: 3/19/2018 6:46:49 PM
Printed by: wet

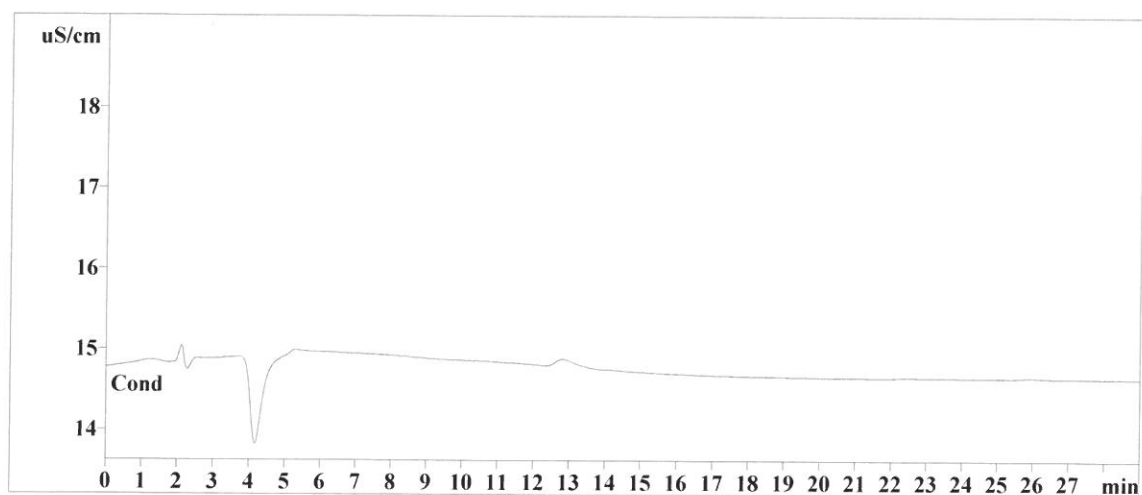
Ident: ICB
Analysis from: 3/19/2018 5:23:20 PM
File: _2018-03-19_

Last save: 3/19/2018 6:46:38 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61459

Last save: 3/19/2018 9:52:10 AM

SAMPLE:
: AK/AP
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
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Report date: 4/6/2018 9:49:08 AM
Printed by: wet

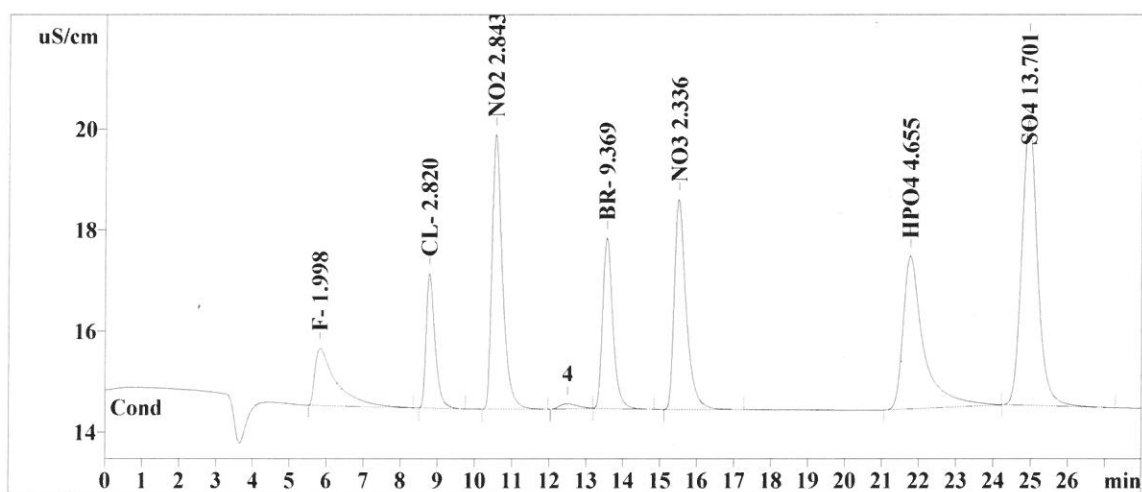
Ident: CCV
Analysis from: 4/5/2018 10:41:37 AM
File: _2018-04-05_

Last save: 4/5/2018 11:09:26 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61778

Last save: 3/28/2018 6:04:32 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	5.83	0.530	1.13	4.41	45.846	7.13	0.
2	8.78	0.249	2.66	10.43	44.635	6.94	0.
3	10.55	0.284	5.44	21.30	105.622	16.43	0.
4	13.56	0.293	3.38	13.23	66.117	10.29	0.
5	15.50	0.328	4.16	16.28	93.078	14.48	0.
6	21.77	0.497	3.02	11.84	116.042	18.05	0.
7	24.94	0.442	5.64	22.11	168.010	26.14	0.
7	28.00	0.375	25.42	99.59	639.349	99.47	0.

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Report date: 4/6/2018 9:49:28 AM
Printed by: wet

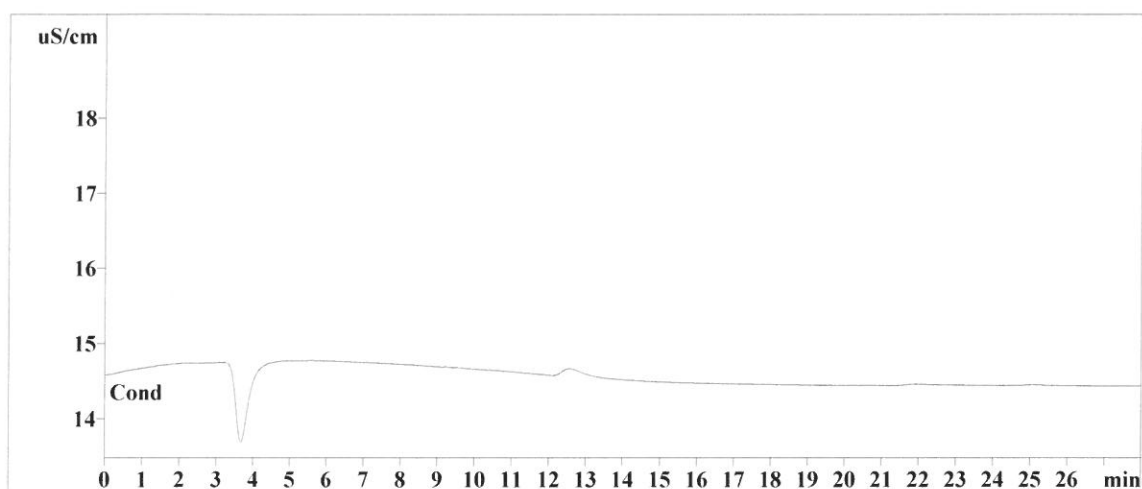
Ident: CCB
Analysis from: 4/5/2018 11:13:01 AM
File: _2018-04-05_

Last save: 4/6/2018 9:49:26 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61779

Last save: 3/28/2018 6:04:32 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: 4/6/2018 9:49:47 AM
Printed by: wet

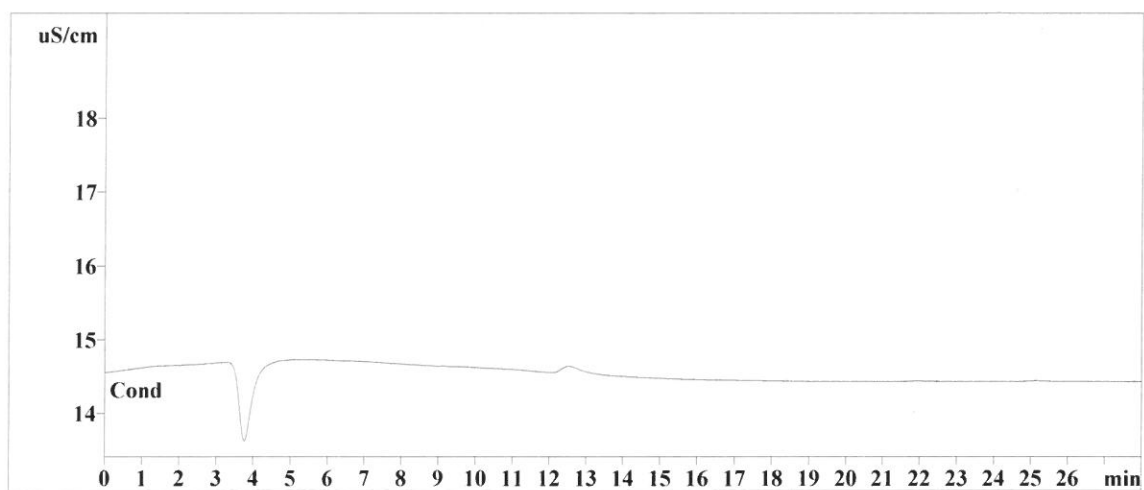
Ident: LB94395BLW
Analysis from: 4/5/2018 11:43:55 AM
File: _2018-04-05_

Last save: 4/6/2018 9:49:46 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61780

Last save: 3/28/2018 6:04:32 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: 4/6/2018 9:49:56 AM
Printed by: wet

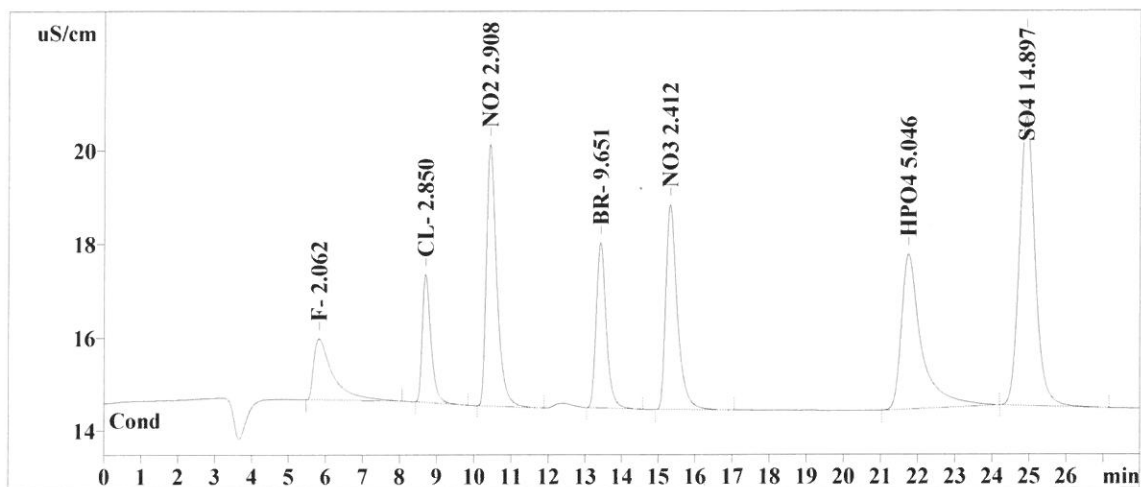
Ident: LB94395BSW
Analysis from: 4/5/2018 12:14:50 PM
File: _2018-04-05_

Last save: 4/5/2018 12:42:40 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61781

Last save: 3/28/2018 6:04:32 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	5.82	0.478	1.31	4.84	47.384	7.03	0.
2	8.70	0.244	2.74	10.13	45.115	6.69	0.
3	10.43	0.284	5.59	20.67	108.127	16.04	0.
4	13.41	0.290	3.53	13.06	68.215	10.12	0.
5	15.31	0.322	4.38	16.18	96.285	14.29	0.
6	21.74	0.490	3.31	12.24	125.341	18.60	0.
7	24.92	0.442	6.19	22.87	183.430	27.22	0.
7	28.00	0.364	27.05	99.99	673.898	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/6/2018 9:53:25 AM
Printed by: wet

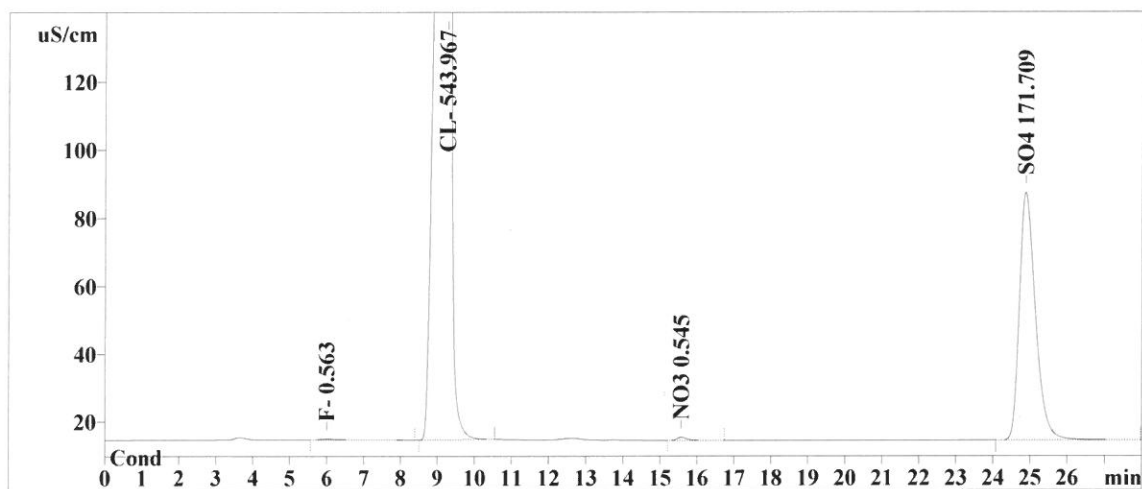
Ident: J2229-01
Analysis from: 4/5/2018 12:47:14 PM
File: _2018-04-05_

Last save: 4/6/2018 9:53:08 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61782

Last save: 3/28/2018 6:04:32 PM

SAMPLE:
: AK/AP
Vial number: 6
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	5.98	0.667	0.22	0.05	11.150	0.10	0.
2	9.26	0.391	372.43	83.36	8946.334	80.03	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	15.57	0.285	0.90	0.20	17.429	0.16	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.88	0.457	72.85	16.31	2203.884	19.71	0.
7	28.00	0.257	446.40	99.92	11178.796	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/6/2018 9:53:55 AM
Printed by: wet

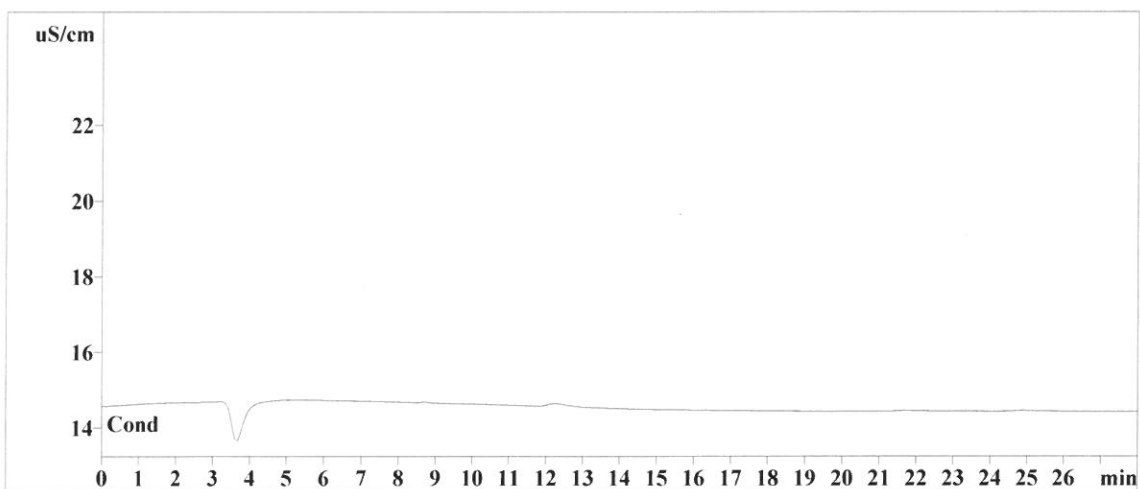
Ident: J2252-01
Analysis from: 4/5/2018 1:18:08 PM
File: _2018-04-05_

Last save: 4/6/2018 9:53:48 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61783

Last save: 3/28/2018 6:04:32 PM

SAMPLE:
: AK/AP
Vial number: 13
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: 4/6/2018 9:54:11 AM
Printed by: wet

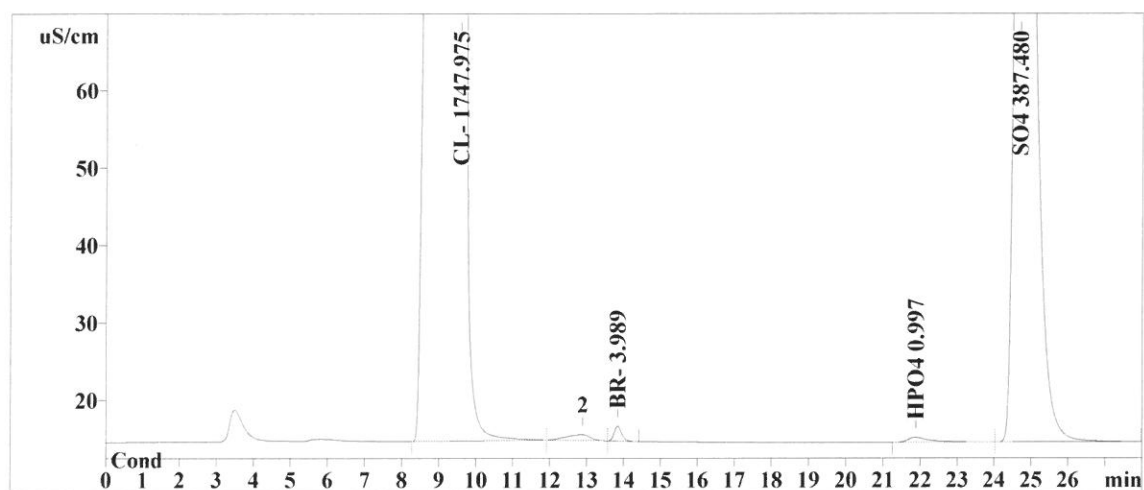
Ident: J2216-01
Analysis from: 4/5/2018 1:49:02 PM
File: _2018-04-05_

Last save: 4/5/2018 2:16:52 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61784

Last save: 3/28/2018 6:04:32 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	9.58	0.774	644.71	80.48	28751.900	85.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.83	0.209	1.89	0.24	26.041	0.08	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.87	0.523	0.69	0.09	29.122	0.09	0.
7	24.70	0.498	152.79	19.07	4984.003	14.73	0.
7	28.00	0.286	800.09	99.87	33791.066	99.90	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/6/2018 9:54:31 AM
Printed by: wet

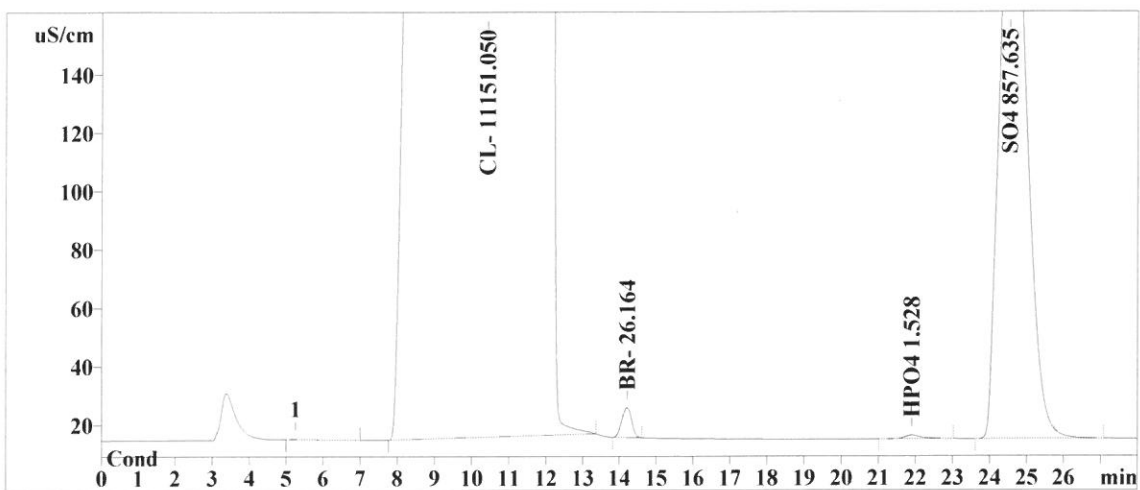
Ident: J2216-02
Analysis from: 4/5/2018 2:19:57 PM
File: _2018-04-05_

Last save: 4/6/2018 9:46:50 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61785

Last save: 3/28/2018 6:04:32 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	10.42	3.388	1034.59	80.23	183429.676	94.21	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.21	0.303	10.19	0.79	191.224	0.10	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.90	0.427	1.30	0.10	41.748	0.02	0.
7	24.53	0.699	243.27	18.87	11041.768	5.67	0.
7	28.00	0.688	1289.35	99.99	194704.416	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/6/2018 9:54:44 AM
Printed by: wet

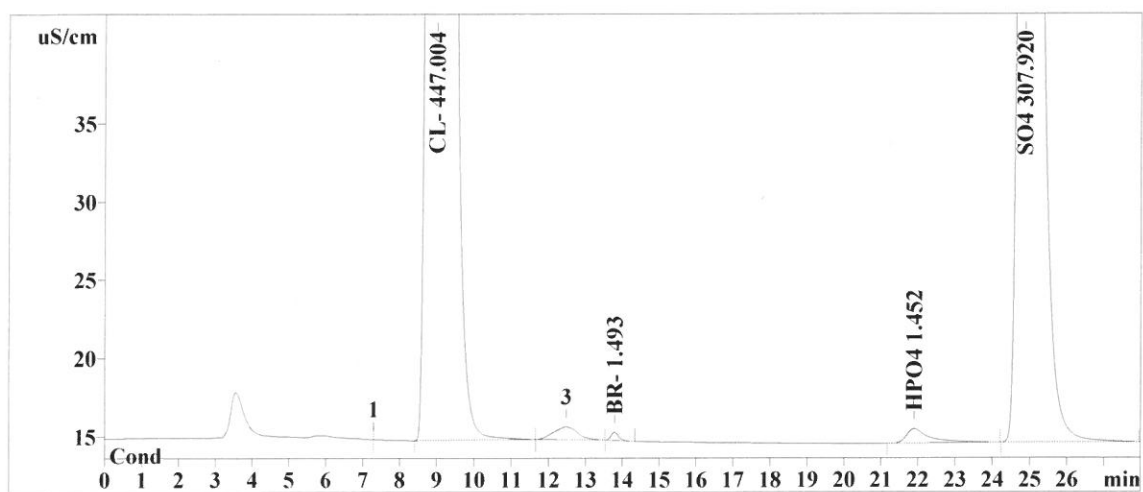
Ident: J2216-03
Analysis from: 4/5/2018 2:50:52 PM
File: _2018-04-05_

Last save: 4/5/2018 3:18:40 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61786

Last save: 3/28/2018 6:04:32 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	8.99	0.622	192.94	60.59	7351.330	64.52	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.79	0.215	0.53	0.17	7.445	0.07	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.91	0.545	0.91	0.29	39.936	0.35	0.
7	24.86	0.489	123.27	38.71	3958.909	34.75	0.
7	28.00	0.267	317.65	99.74	11357.620	99.68	0.

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METROHM LTD

Report date: 4/6/2018 10:00:54 AM
Printed by: wet

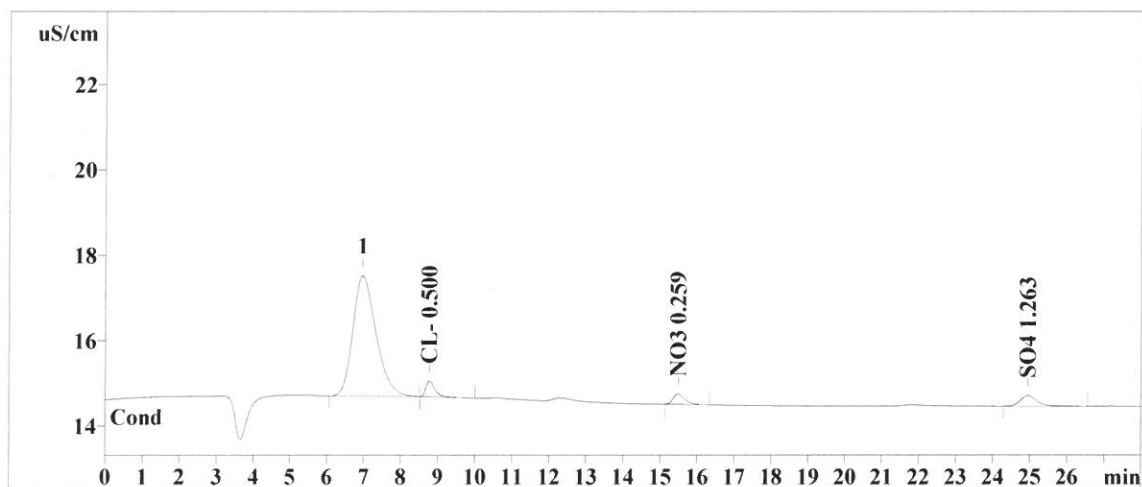
Ident: J2242-01
Analysis from: 4/5/2018 3:21:46 PM
File: _2018-04-05_

Last save: 4/6/2018 10:00:50 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61787

Last save: 3/28/2018 6:04:32 PM

SAMPLE:
: AK/AP
Vial number: 10
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	8.76	0.257	0.37	9.98	6.471	4.57	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	15.48	0.333	0.24	6.54	5.350	3.78	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.95	0.461	0.25	6.75	7.762	5.48	0.
7	28.00	0.150	0.86	23.27	19.583	13.84	0.

This report has been created by IC Net
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Report date: 4/6/2018 10:02:59 AM
Printed by: wet

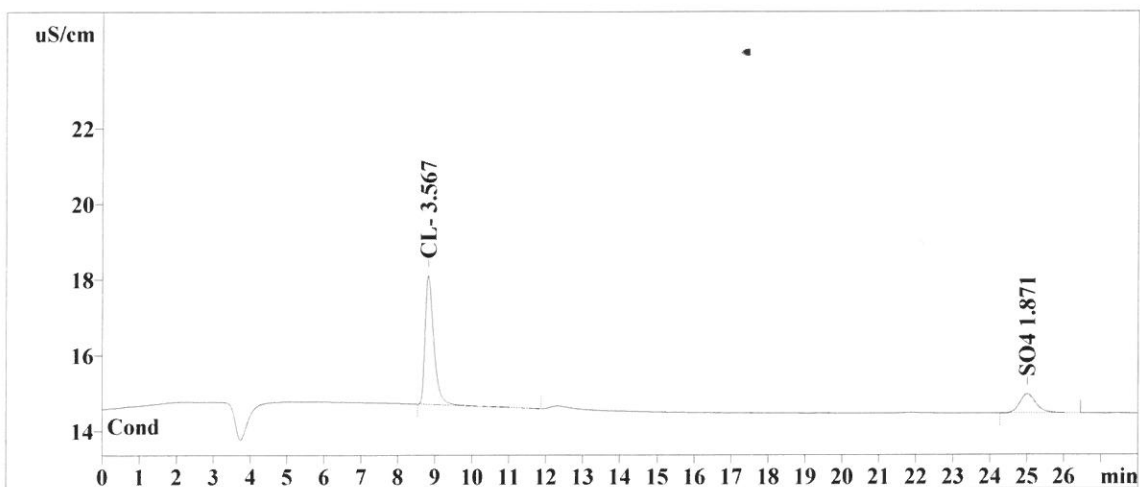
Ident: J2229-01DLX100
Analysis from: 4/5/2018 3:52:41 PM
File: _2018-04-05_

Last save: 4/6/2018 10:02:58 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61788

Last save: 3/28/2018 6:04:32 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	8.82	0.243	3.40	87.05	56.910	78.50	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	25.02	0.457	0.50	12.92	15.590	21.50	0.
7	28.00	0.100	3.90	99.97	72.500	100.00	0.

This report has been created by IC Net
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Report date: 4/6/2018 10:05:02 AM
Printed by: wet

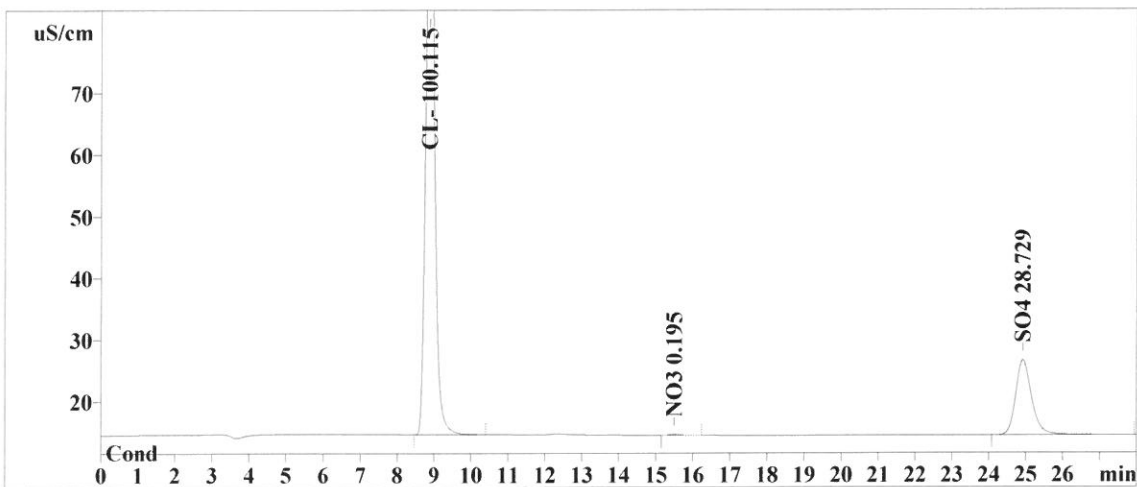
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Analysis from: 4/5/2018 4:23:36 PM
File: _2018-04-05_

Last save: 4/6/2018 10:04:52 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61789

Last save: 3/28/2018 6:04:32 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	8.88	0.243	102.00	89.30	1645.104	81.87	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	15.50	0.322	0.13	0.11	2.674	0.13	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.92	0.443	12.10	10.59	361.649	18.00	0.
7	28.00	0.144	114.22	100.00	2009.427	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/6/2018 10:05:16 AM
Printed by: wet

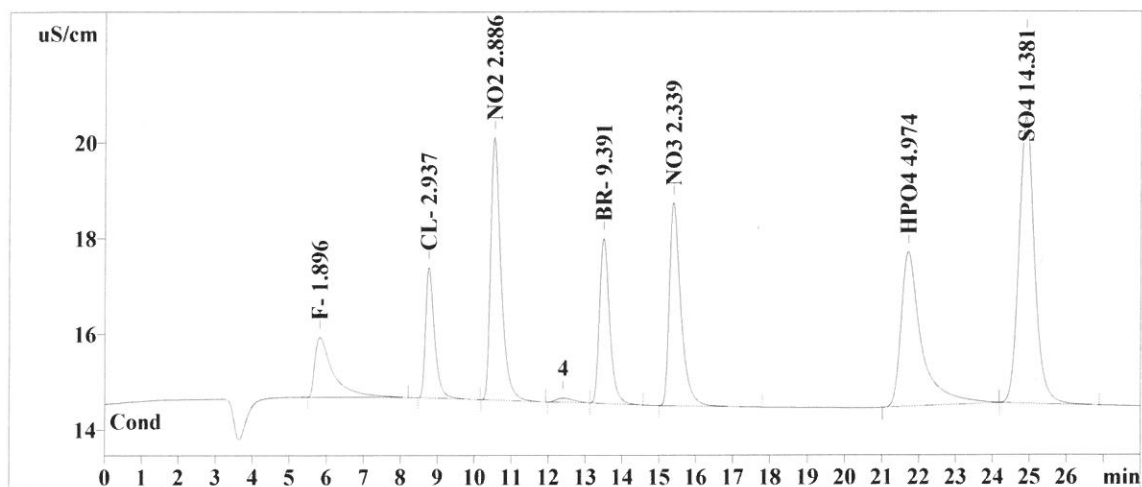
Ident: CCV
Analysis from: 4/5/2018 4:54:31 PM
File: _2018-04-05_

Last save: 4/5/2018 5:22:20 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61790

Last save: 3/28/2018 6:04:32 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	5.82	0.453	1.25	4.71	43.370	6.57	0.
2	8.76	0.252	2.72	10.29	46.547	7.05	0.
3	10.53	0.287	5.49	20.75	107.272	16.25	0.
4	13.49	0.288	3.44	13.02	66.283	10.04	0.
5	15.38	0.321	4.25	16.05	93.230	14.13	0.
6	21.71	0.496	3.23	12.21	123.613	18.73	0.
7	24.89	0.441	5.98	22.61	176.777	26.78	0.
7	28.00	0.362	26.37	99.65	657.093	99.56	0.

This report has been created by IC Net
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Report date: 4/6/2018 10:05:34 AM
Printed by: wet

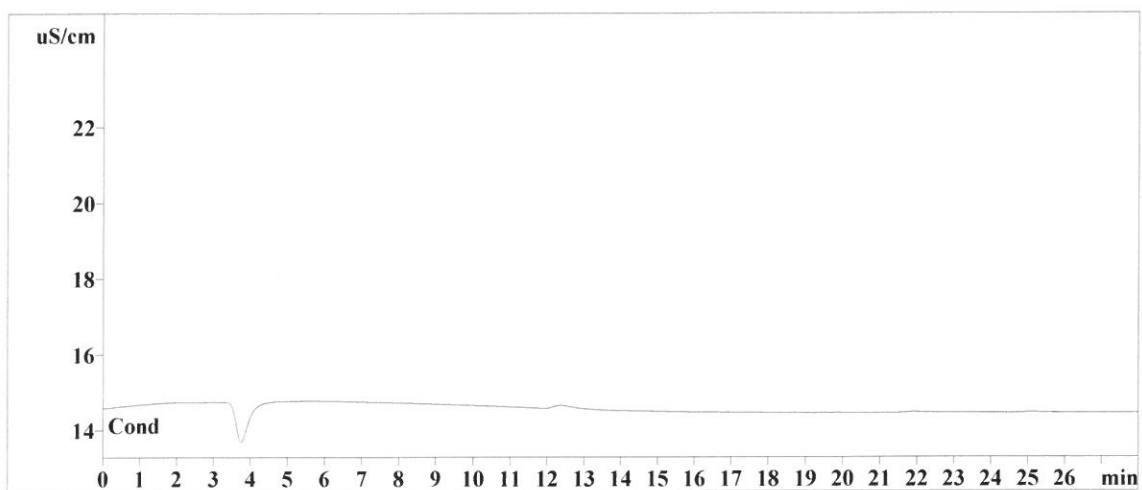
Ident: CCB
Analysis from: 4/5/2018 5:25:25 PM
File: _2018-04-05_

Last save: 4/6/2018 10:05:34 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61791

Last save: 3/28/2018 6:04:32 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: 4/6/2018 10:06:44 AM
Printed by: wet

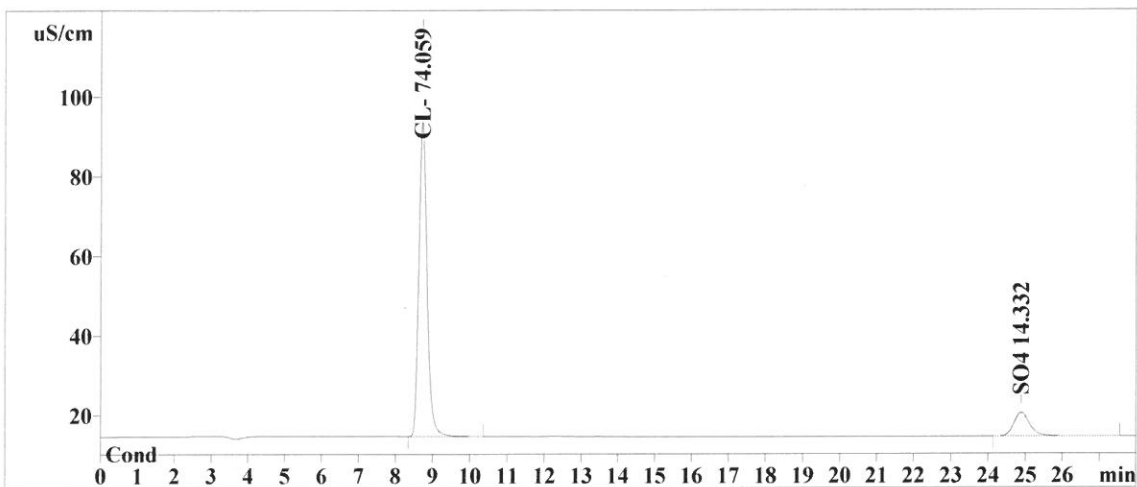
Ident: J2216-01DLX20
Analysis from: 4/5/2018 5:56:20 PM
File: _2018-04-05_

Last save: 4/6/2018 10:06:44 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61792

Last save: 3/28/2018 6:04:32 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	8.72	0.231	78.91	93.00	1216.496	87.35	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	24.89	0.439	5.94	7.00	176.150	12.65	0.
7	28.00	0.096	84.85	100.00	1392.647	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/6/2018 10:07:12 AM
Printed by: wet

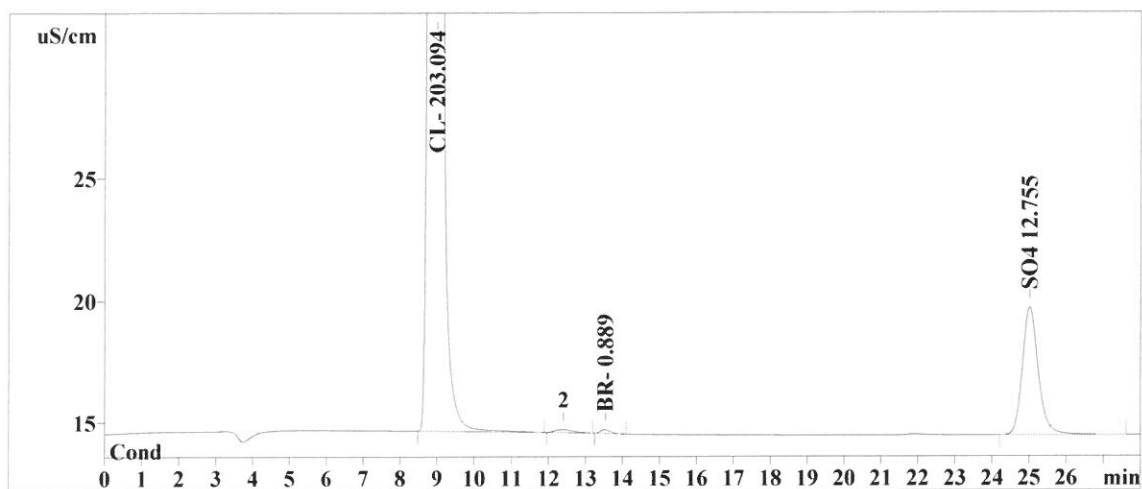
Ident: J2216-02DLX50
Analysis from: 4/5/2018 6:27:14 PM
File: _2018-04-05_

Last save: 4/5/2018 6:55:02 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61793

Last save: 3/28/2018 6:04:32 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.99	0.250	207.20	97.39	3339.074	95.34	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.53	0.283	0.16	0.08	2.947	0.08	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	25.01	0.440	5.24	2.46	155.830	4.45	0.
7	28.00	0.139	212.60	99.93	3497.851	99.88	0.

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Report date: 4/6/2018 10:08:02 AM
Printed by: wet

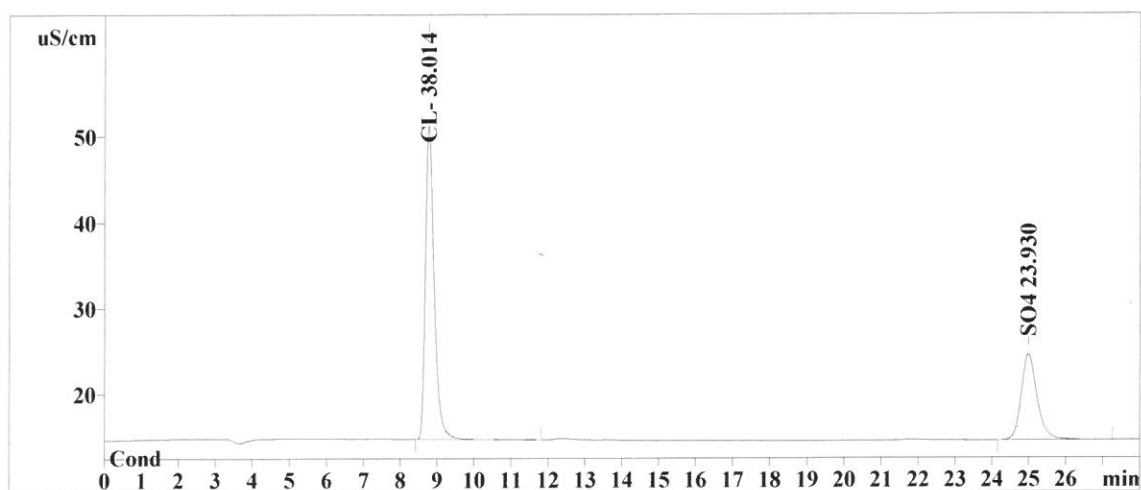
Ident: J2216-03DLX10
Analysis from: 4/5/2018 6:58:08 PM
File: _2018-04-05_

Last save: 4/6/2018 10:07:50 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61794

Last save: 3/28/2018 6:04:32 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.76	0.253	36.52	78.47	623.558	67.53	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	24.99	0.445	10.01	21.52	299.817	32.47	0.
7	28.00	0.100	46.53	100.00	923.375	100.00	0.

This report has been created by IC Net
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Report date: 4/6/2018 10:01:24 AM
Printed by: wet

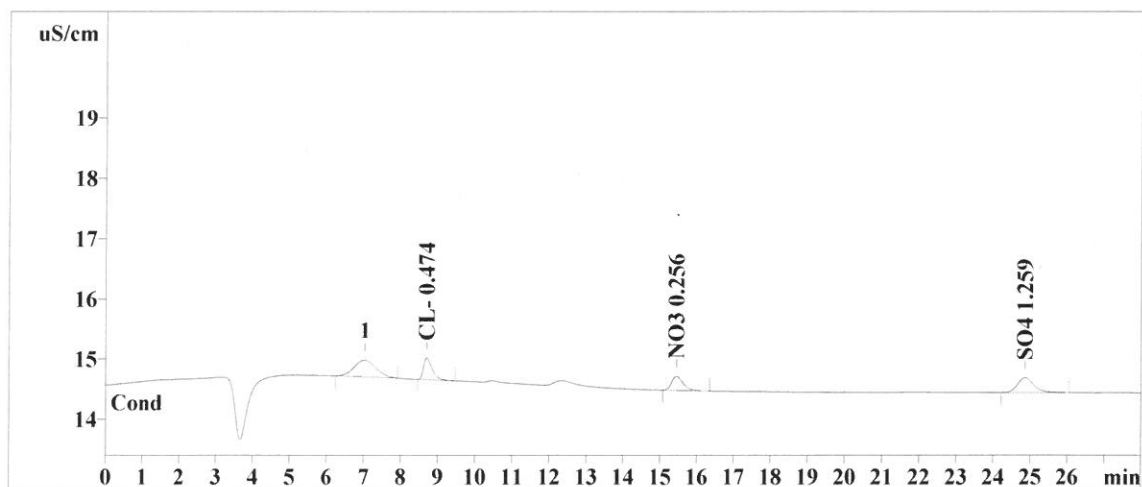
Ident: J2242-01DUP
Analysis from: 4/5/2018 7:29:03 PM
File: _2018-04-05_

Last save: 4/6/2018 10:01:18 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61795

Last save: 3/28/2018 6:04:32 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.70	0.248	0.36	32.25	6.039	19.91	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	15.44	0.335	0.23	20.75	5.244	17.29	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.86	0.456	0.25	22.15	7.703	25.40	0.
7	28.00	0.149	0.85	75.15	18.986	62.60	0.

This report has been created by IC Net
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Report date: 4/6/2018 10:08:27 AM
Printed by: wet

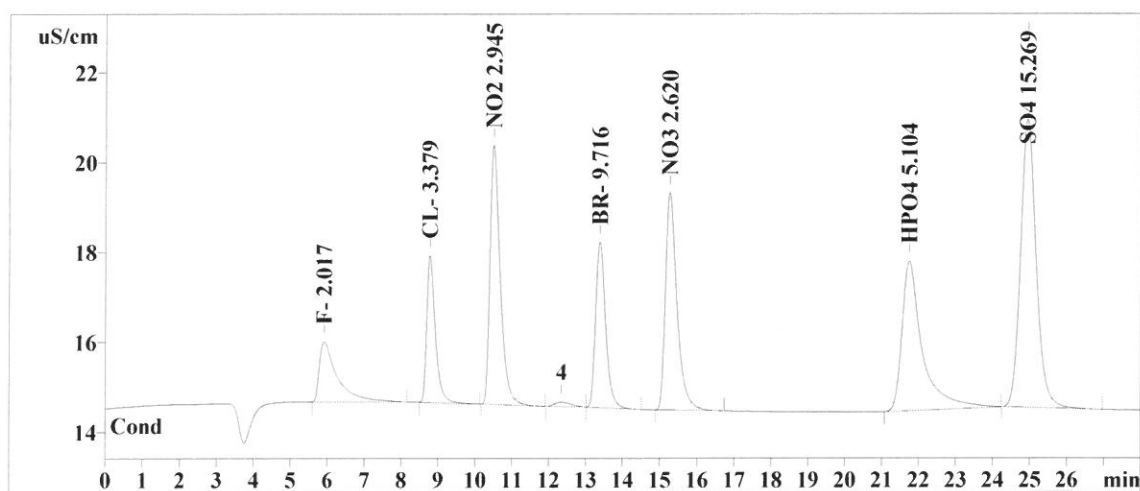
Ident: J2242-01MS
Analysis from: 4/5/2018 7:59:57 PM
File: _2018-04-05_

Last save: 4/5/2018 8:27:46 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61796

Last save: 3/28/2018 6:04:32 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	5.91	0.455	1.33	4.64	46.293	6.60	0.
2	8.77	0.243	3.26	11.35	53.824	7.67	0.
3	10.50	0.279	5.76	20.08	109.578	15.62	0.
4	13.38	0.280	3.67	12.80	68.701	9.79	0.
5	15.26	0.318	4.84	16.86	105.108	14.98	0.
6	21.74	0.492	3.32	11.56	126.700	18.06	0.
7	24.93	0.439	6.41	22.34	188.217	26.83	0.
7	28.00	0.358	28.60	99.64	698.421	99.54	0.

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Report date: 4/6/2018 10:08:39 AM
Printed by: wet

Ident: CCV
Analysis from: 4/5/2018 8:30:52 PM
File: _2018-04-05_

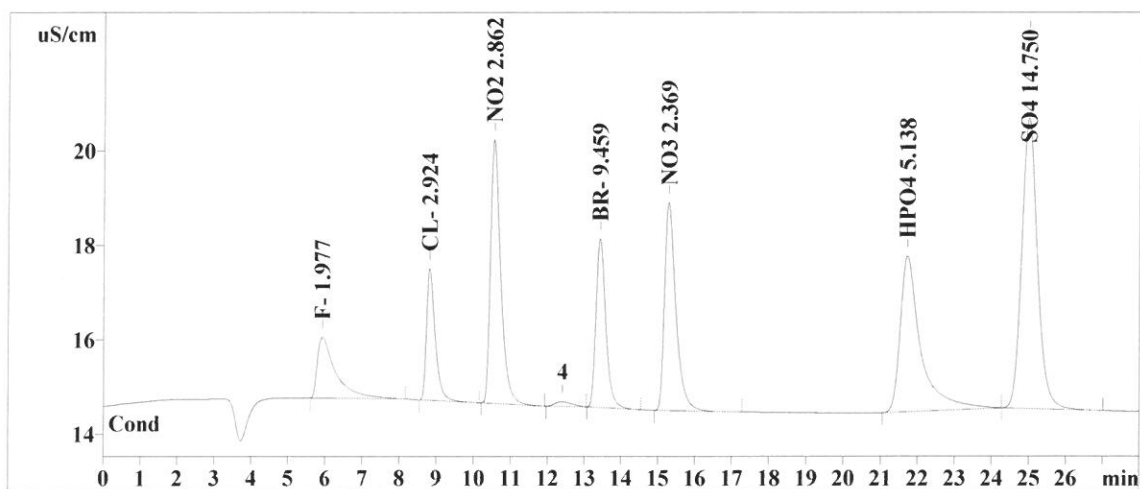
Last save: 4/5/2018 8:58:40 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61797

Last save: 3/28/2018 6:04:32 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	5.92	0.469	1.28	4.73	45.329	6.75	0.
2	8.82	0.245	2.78	10.24	46.333	6.90	0.
3	10.54	0.280	5.59	20.56	106.347	15.83	0.
4	13.42	0.280	3.57	13.13	66.789	9.94	0.
5	15.28	0.314	4.40	16.19	94.508	14.07	0.
6	21.72	0.498	3.29	12.12	127.527	18.99	0.
7	24.99	0.441	6.16	22.65	181.530	27.03	0.
7	28.00	0.361	27.08	99.62	668.362	99.52	0.

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Report date: 4/6/2018 10:08:56 AM
Printed by: wet

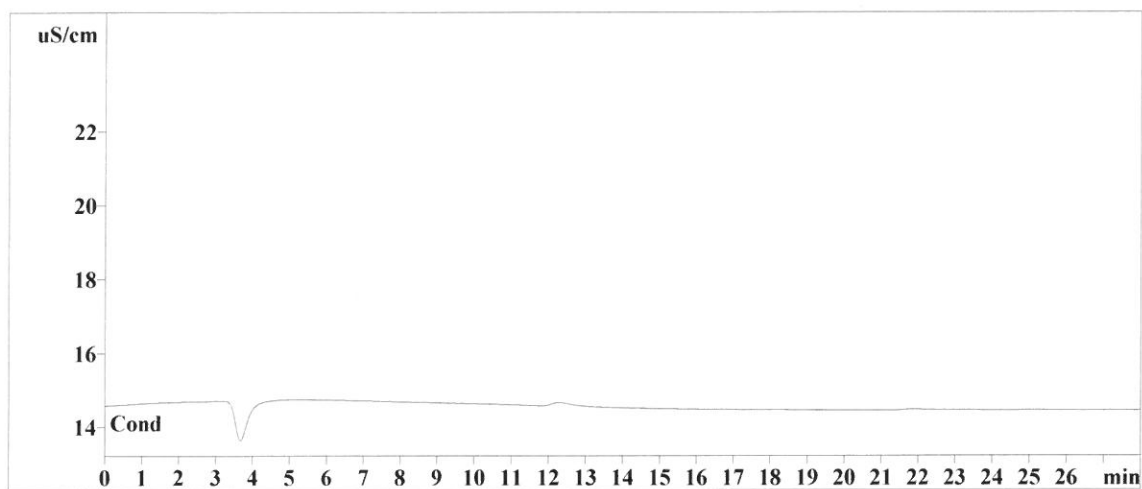
Ident: CCB
Analysis from: 4/5/2018 9:01:47 PM
File: _2018-04-05_

Last save: 4/6/2018 10:08:54 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61798

Last save: 3/28/2018 6:04:32 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