

(COD/MYL nm - 1000 nm)
JC-1 9056 roots
4-18-18 ALC

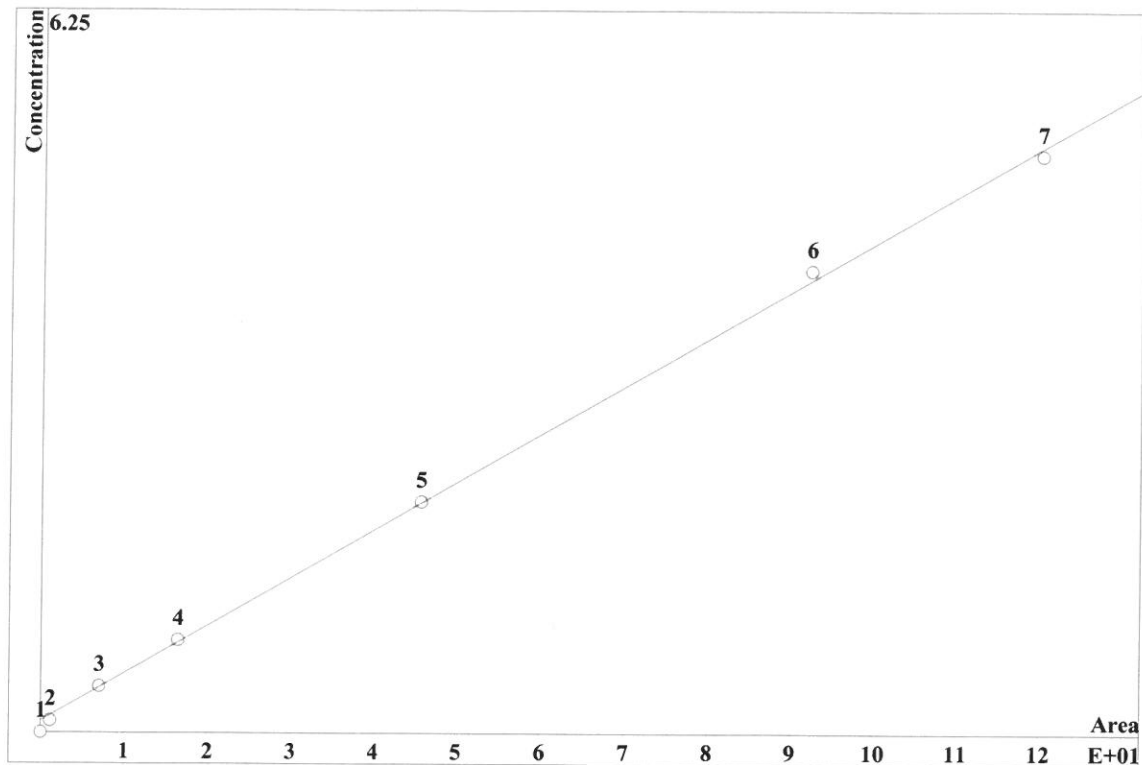
Clear table

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
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	1.9200	2.9220	2.8010	9.3290	2.3120	4.7970	14.0930	2018-04-12	4/12/18 8:24
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-12	4/12/18 8:55
LB94590BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-12	4/12/18 9:26
LB94590BSW	1.8970	2.9020	2.7760	9.5250	2.3220	5.0200	14.7930	2018-04-12	4/12/18 9:57
J2133-07	0.1410	0.1900	0.1890	0.6820	0.1720	-0.0860	1.0400	2018-04-12	4/12/18 10:33
J2133-09	0.1280	0.1910	0.1880	0.7010	0.1760	-0.0480	1.0390	2018-04-12	4/12/18 11:04
J2133-07	0.1450	0.2610	0.2560	0.9110	0.2320	0.1180	1.4010	2018-04-12	4/12/18 11:34
J2133-09	0.1440	0.2550	0.2510	0.9000	0.2280	0.1480	1.3910	2018-04-12	4/12/18 12:05
J2133-08	0.2340	0.3710	0.3780	1.3240	0.3350	0.4770	2.0700	2018-04-12	4/12/18 12:36
CCV	1.8830	2.8960	2.7270	9.3860	2.3100	5.1350	14.3940	2018-04-12	4/12/18 14:17
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-04-12	4/12/18 14:48

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



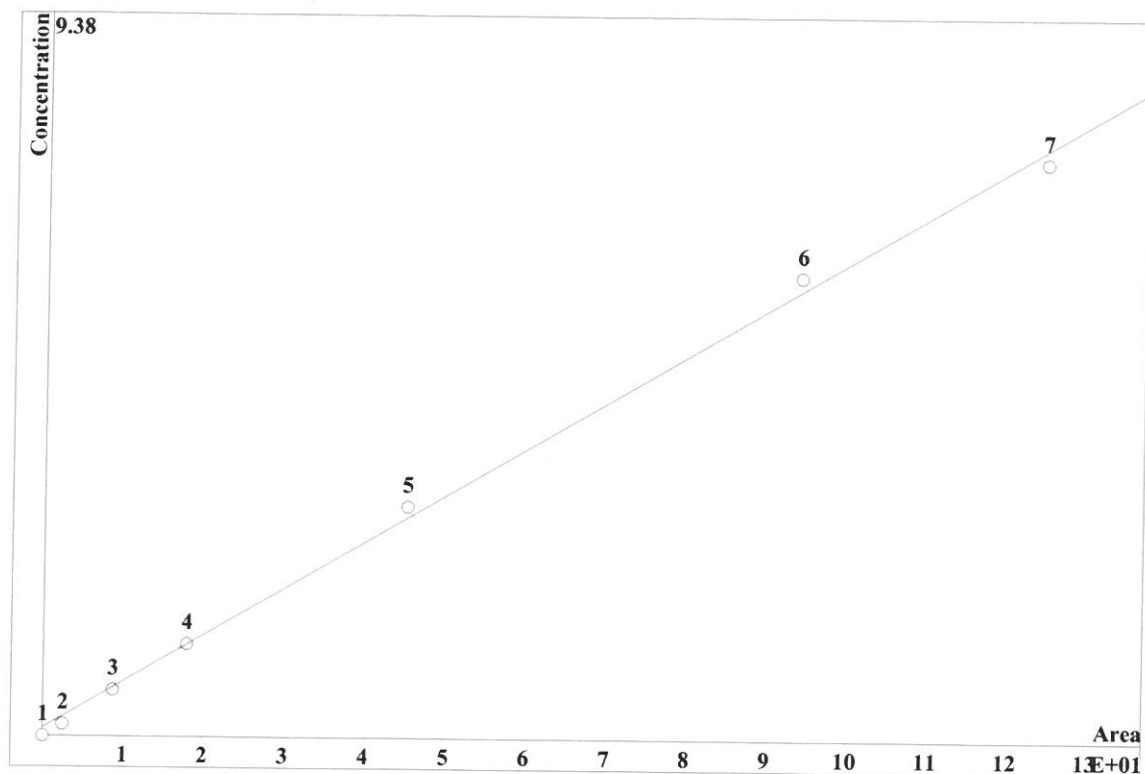
K3 = 0 K2 = 0 K1 = 0.827175 K0 = 2.04637

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
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



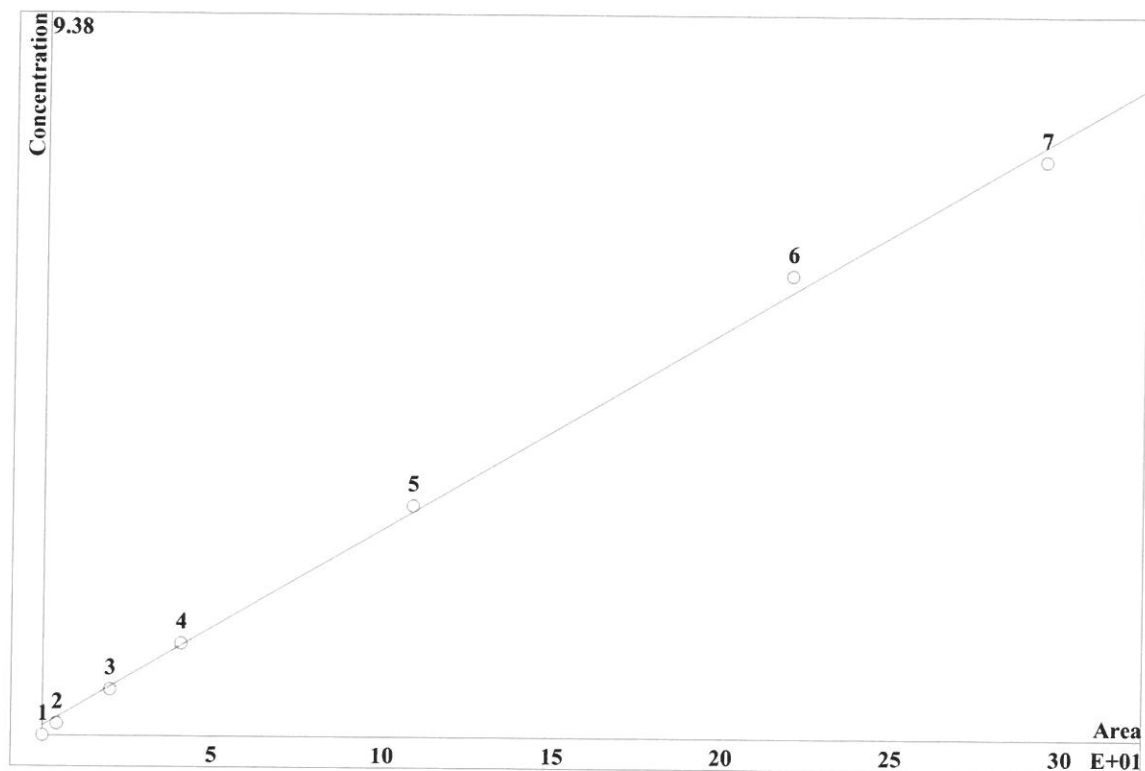
K3 = 0 K2 = 0 K1 = 1.21583 K0 = 2.13837

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



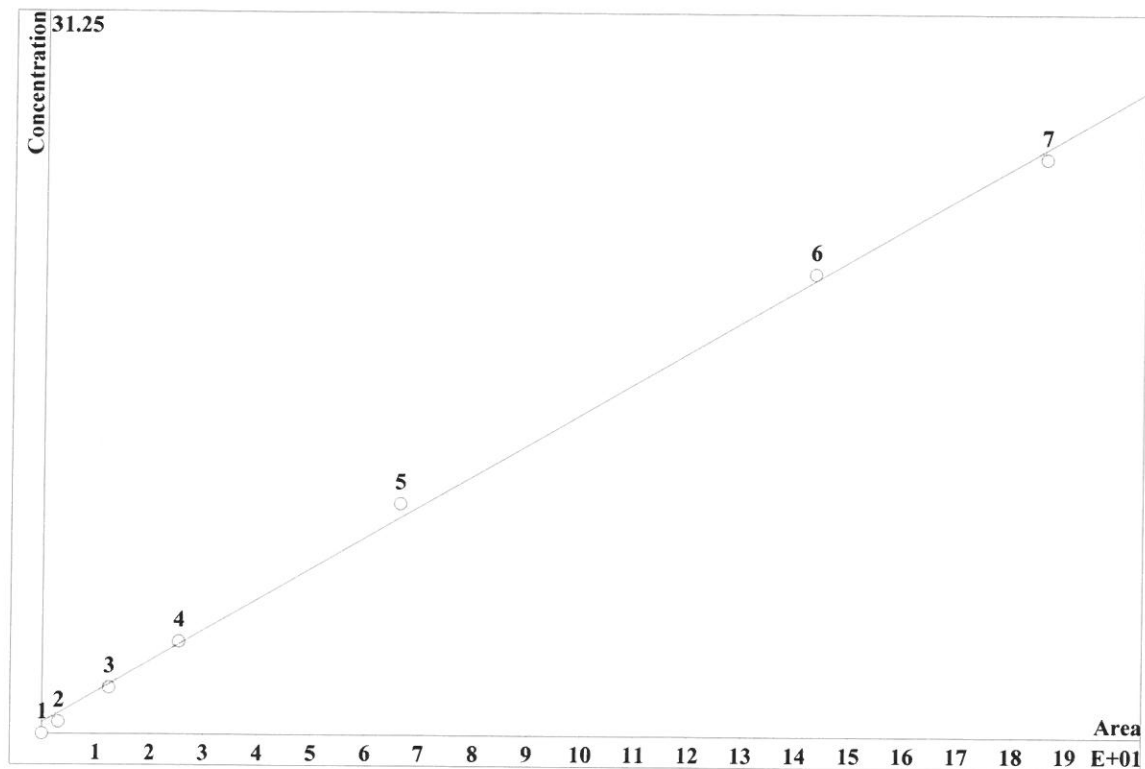
K3 = 0 K2 = 0 K1 = 0.51376 K0 = 2.60348

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

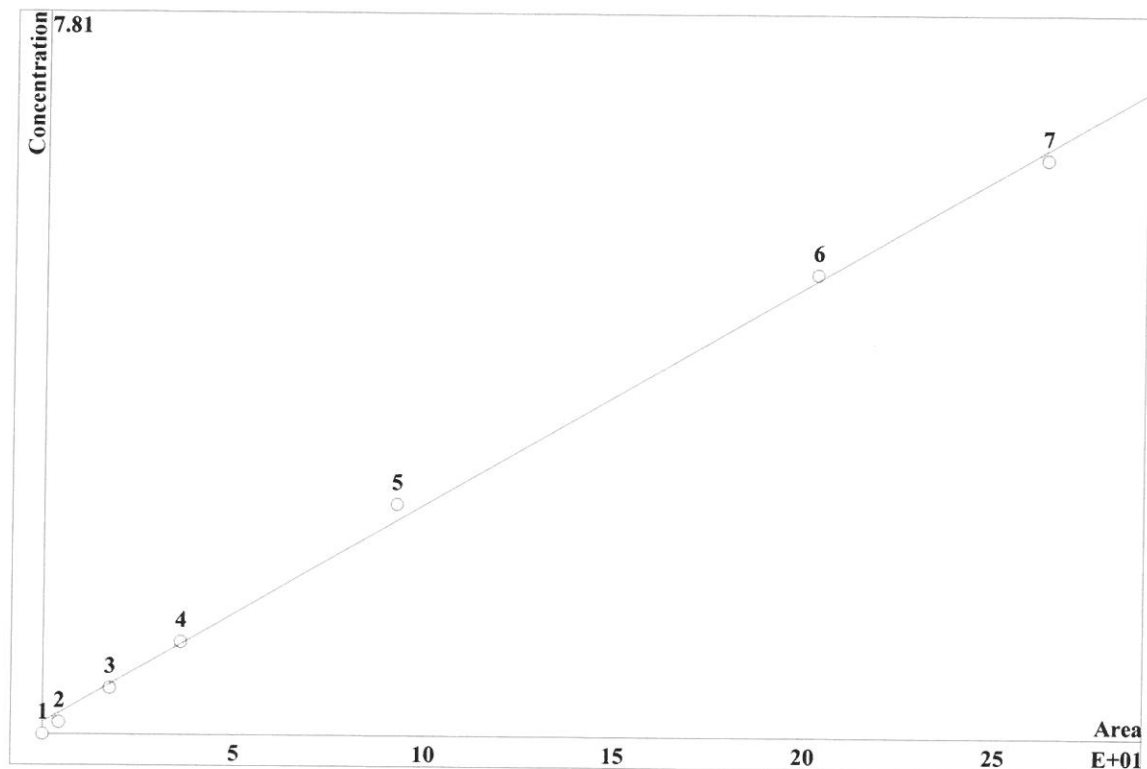


K3 = 0 K2 = 0 K1 = 2.68494 K0 = 9.86212
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



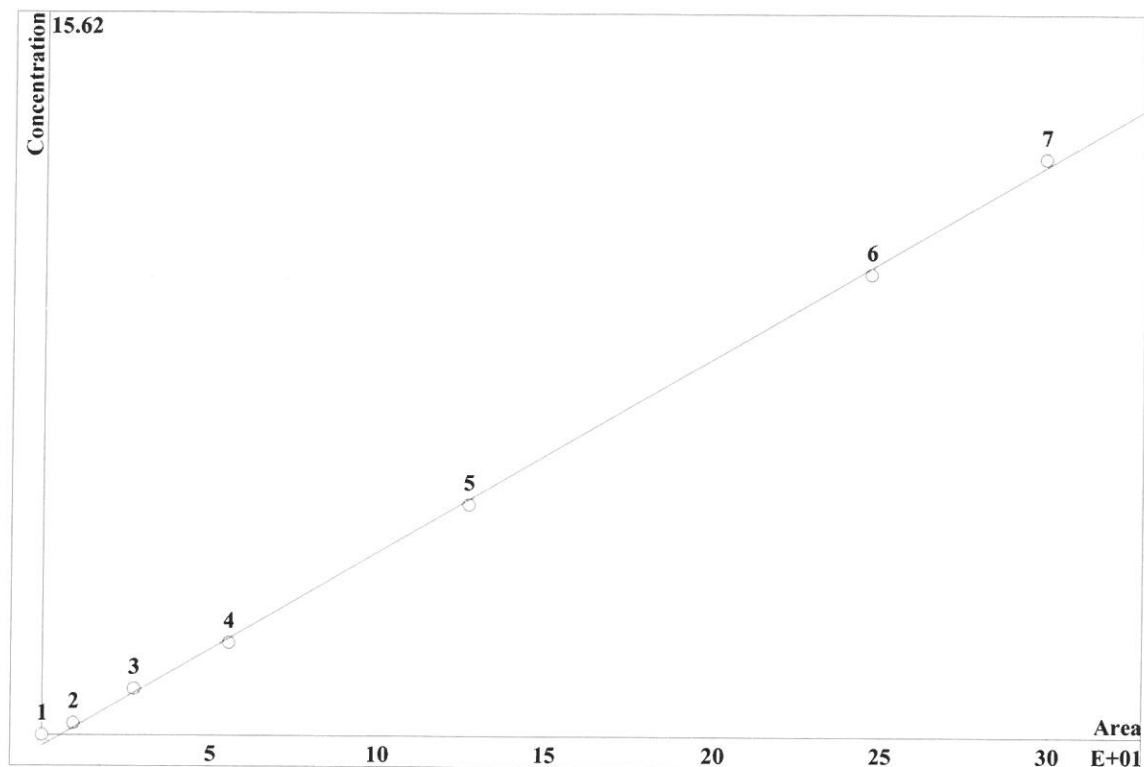
K3 = 0 K2 = 0 K1 = 0.473492 K0 = 2.64071

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



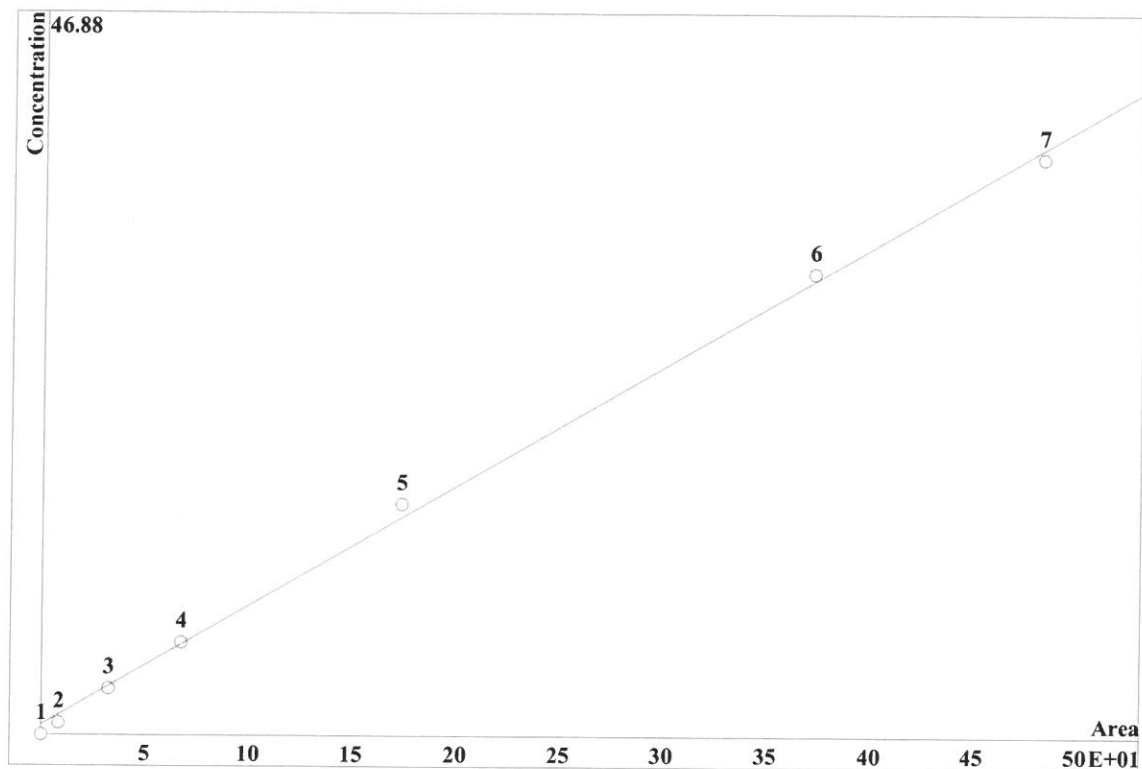
K3 = 0 K2 = 0 K1 = 0.841758 K0 = -4.5807

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

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0		0			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

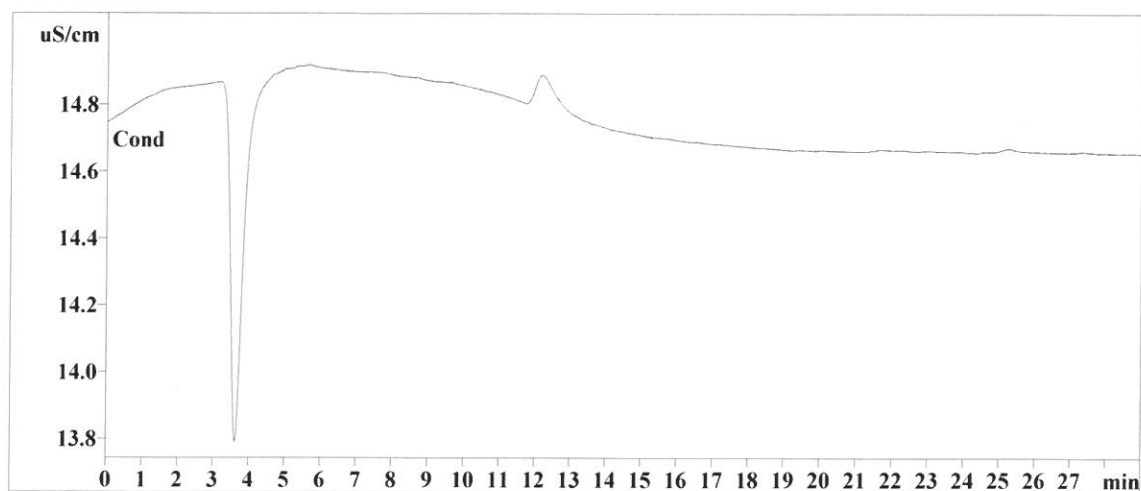
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File: _2018-03-19_

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

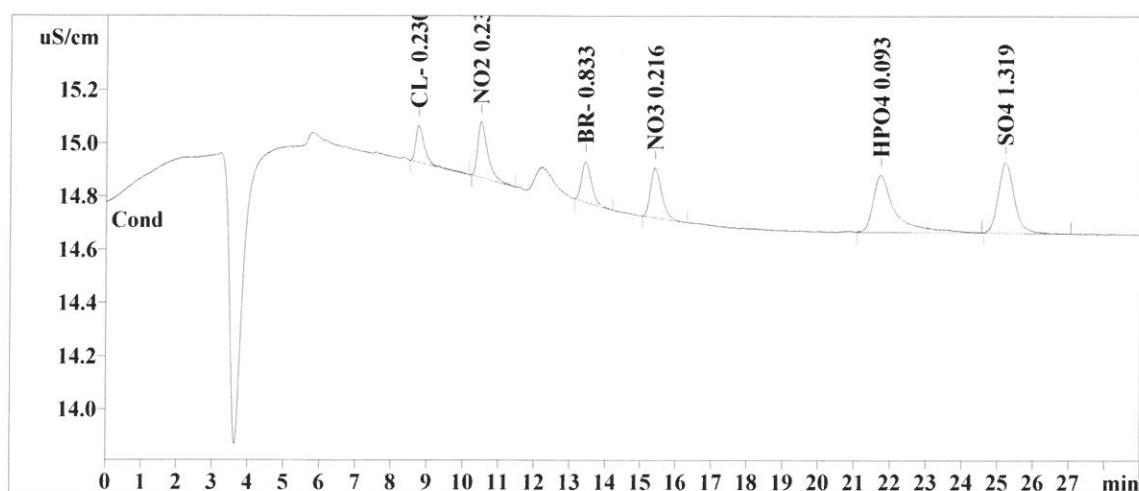
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File: _2018-03-19_

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.

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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

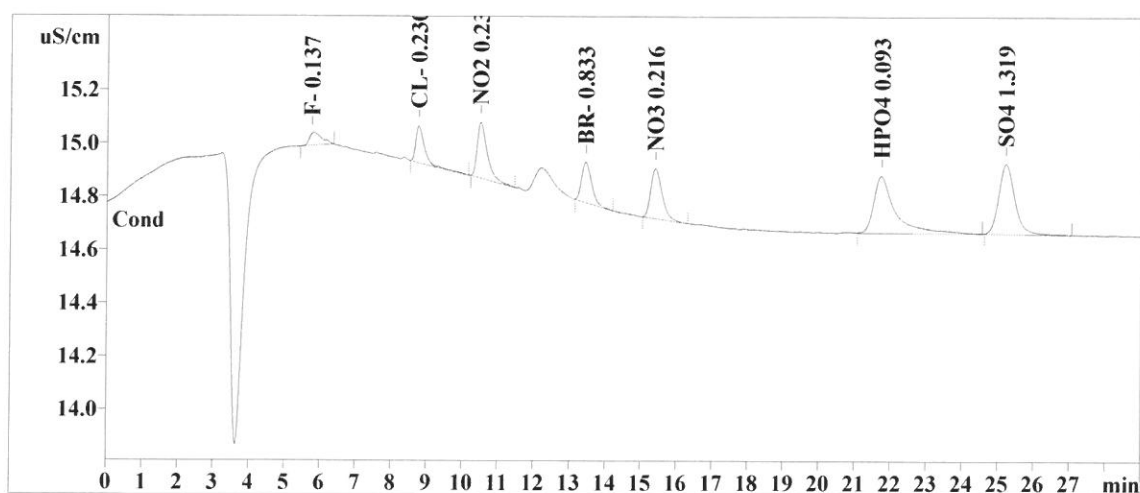
Manual peaks!

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 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	5.74	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.

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Report date: 3/19/2018 5:16:31 PM
Printed by: wet

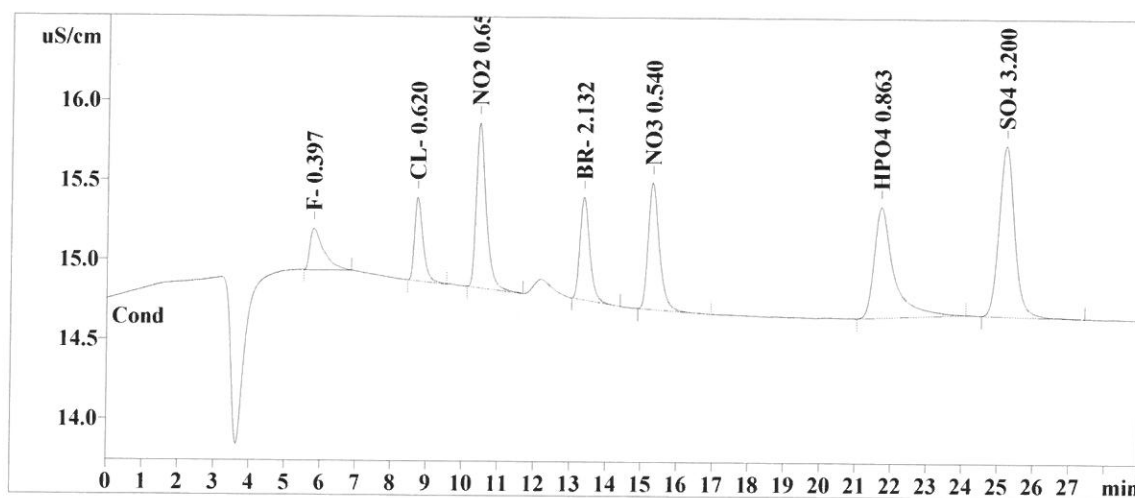
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File: _2018-03-19_

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.

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Report date: 3/19/2018 5:16:37 PM
Printed by: wet

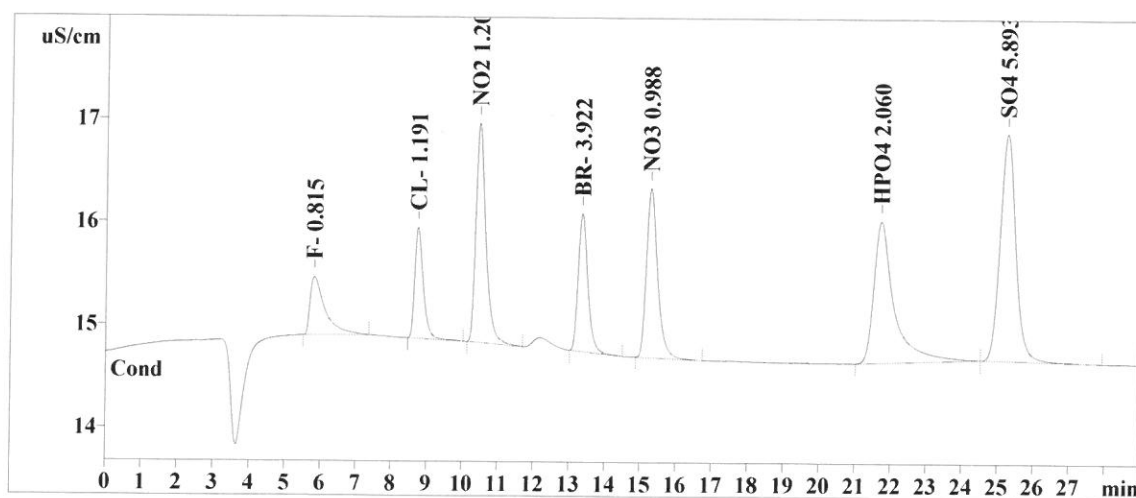
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File: _2018-03-19_

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

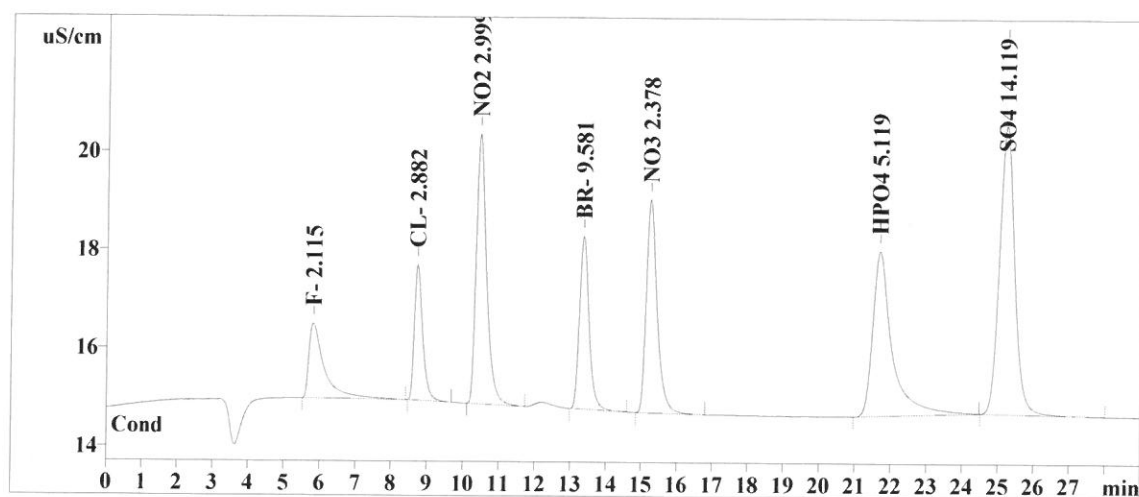
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File: _2018-03-19_

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

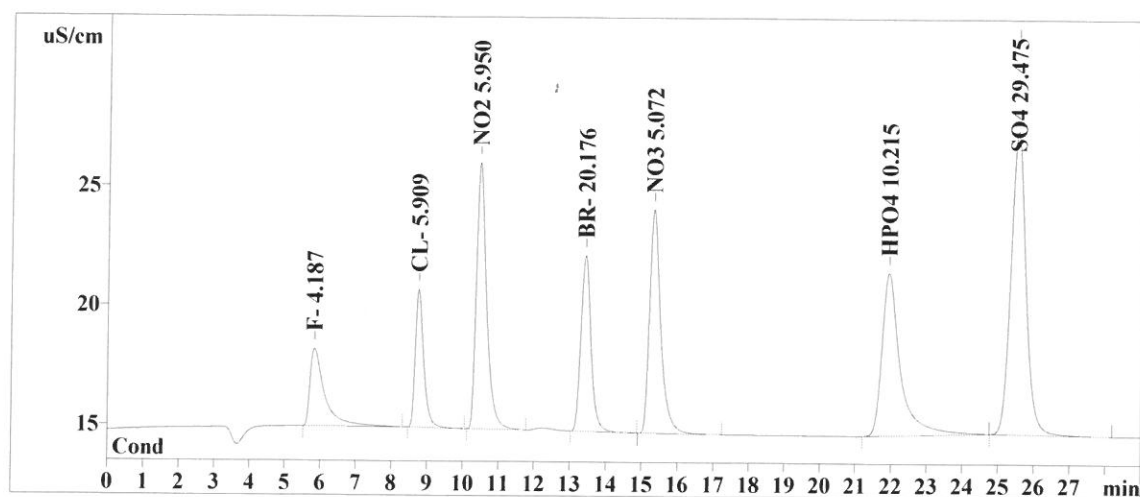
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File: _2018-03-19_

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

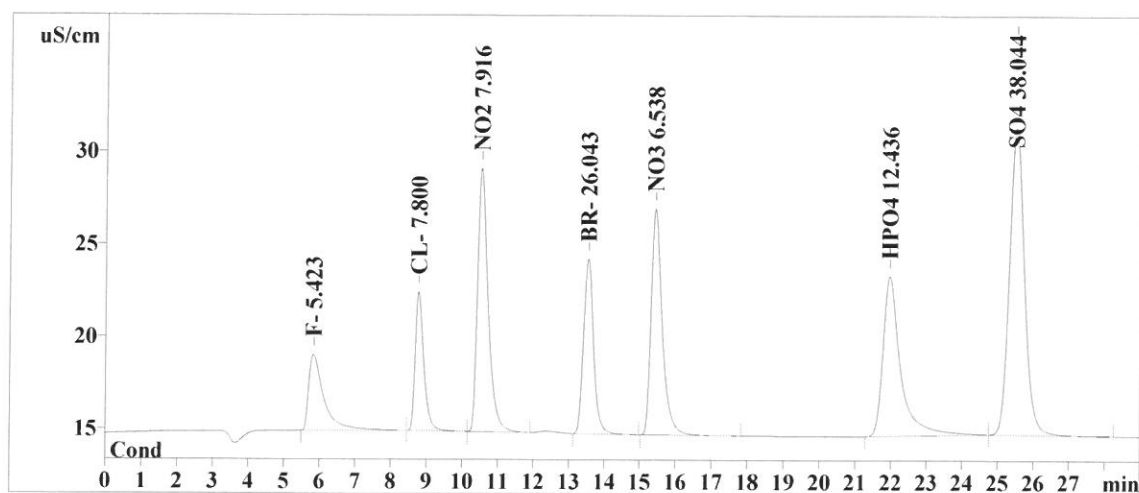
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File: _2018-03-19_

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.

This report has been created by IC Net
METROHM LTD

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

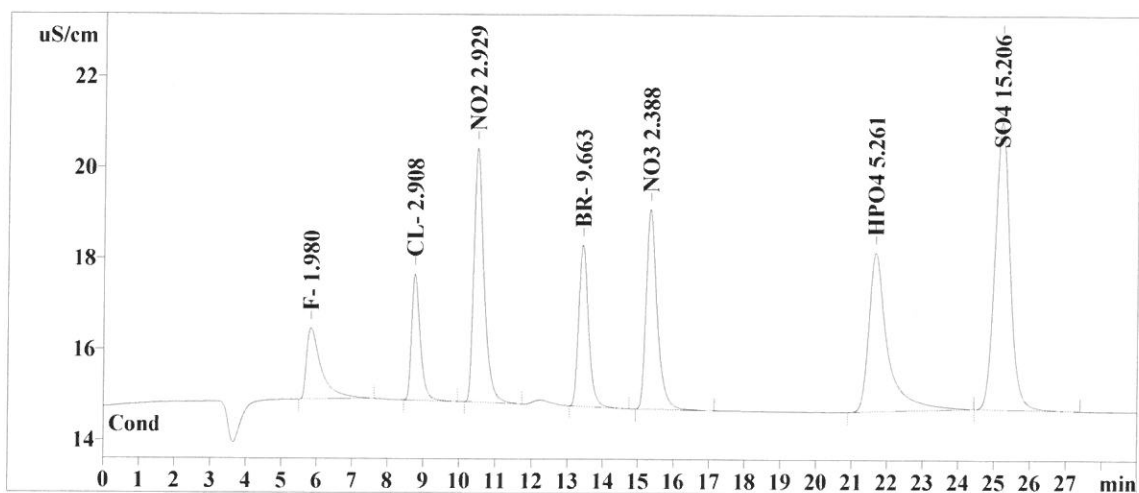
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Analysis from: 3/19/2018 4:27:28 PM
File: _2018-03-19_

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

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

Last save: 3/19/2018 9:52:10 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	5.83	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.

This report has been created by IC Net
METROHM LTD

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

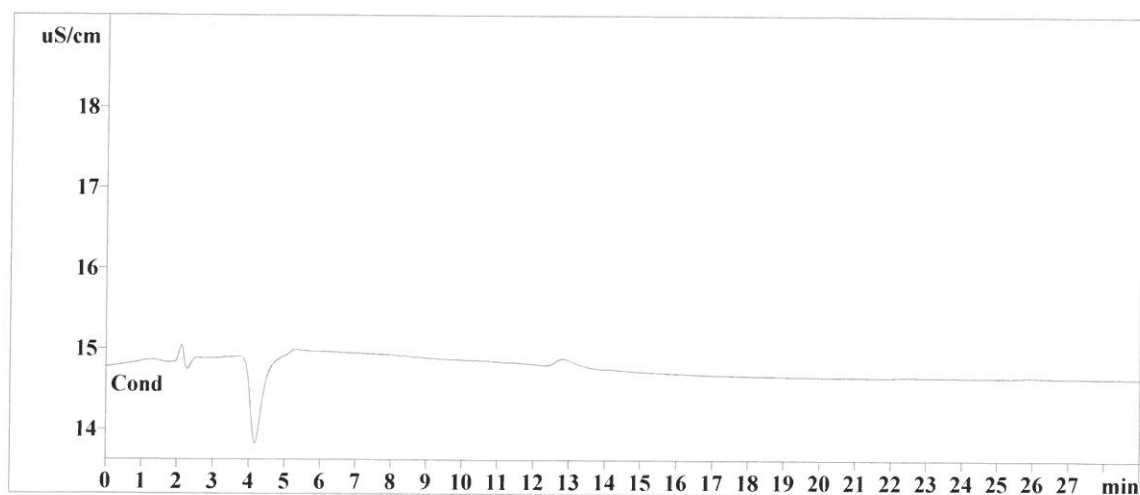
Ident: ICB
Analysis from: 3/19/2018 5:23:20 PM
File: _2018-03-19_

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
METROHM LTD

IC-1 9056 LOD/MDL water

Report date: 4/13/2018 10:02:35 AM
 Printed by: wet

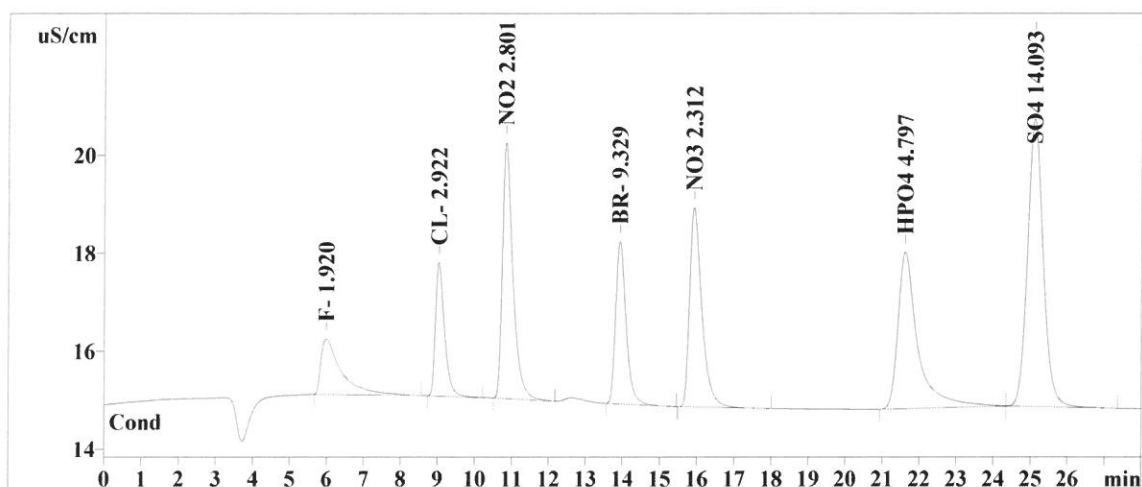
Ident: CCV
 Analysis from: 4/12/2018 8:24:35 AM
 File: _2018-04-12_

Last save: 4/12/2018 8:52:24 AM

Method: ANIONS 03-19-18.mtw
 Run operator: wet
 Analysis number: 61861

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	5.99	0.505	1.13	4.43	43.948	6.82	0.
2	9.03	0.252	2.72	10.67	46.308	7.18	0.
3	10.84	0.290	5.22	20.48	103.955	16.13	0.
4	13.92	0.296	3.31	12.97	65.818	10.21	0.
5	15.91	0.332	4.06	15.92	92.067	14.28	0.
6	21.61	0.482	3.20	12.53	119.416	18.53	0.
7	25.10	0.442	5.87	23.00	173.066	26.85	0.
7	28.00	0.371	25.52	100.00	644.579	100.00	0.

This report has been created by IC Net
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Report date: 4/13/2018 10:02:54 AM
Printed by: wet

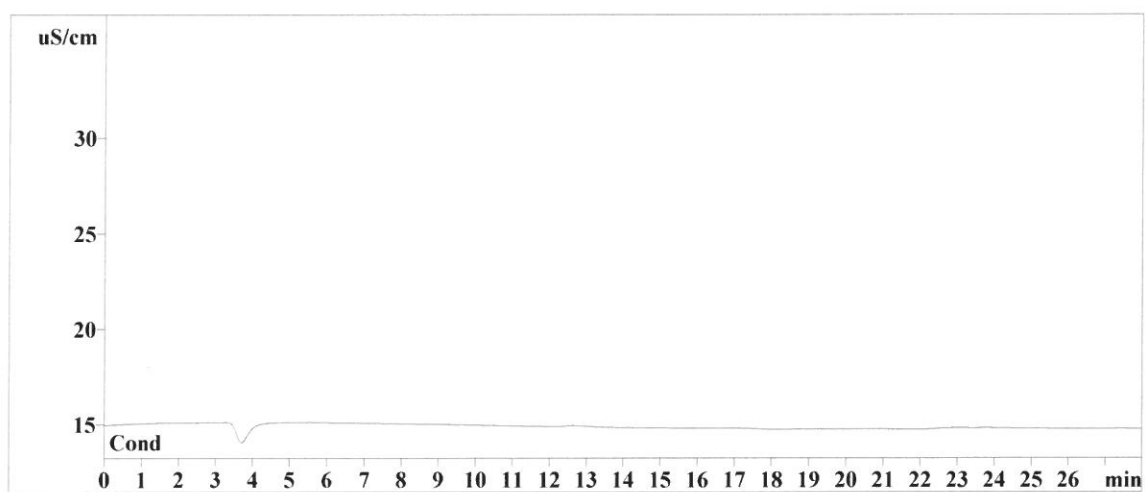
Ident: CCB
Analysis from: 4/12/2018 8:55:30 AM
File: _2018-04-12_

Last save: 4/13/2018 10:02:52 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61862

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: 4/13/2018 10:03:12 AM
Printed by: wet

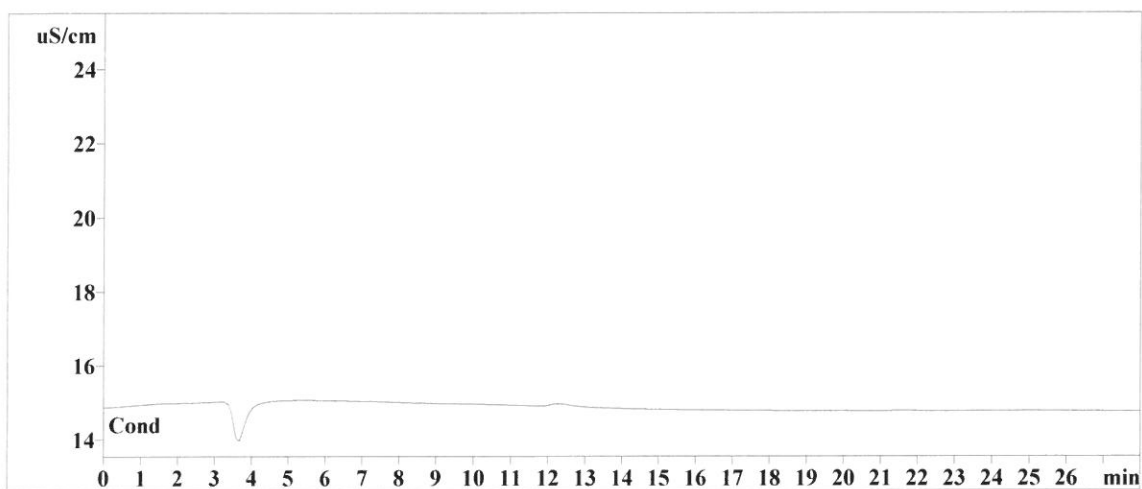
Ident: LB94590BLW
Analysis from: 4/12/2018 9:26:24 AM
File: _2018-04-12_

Last save: 4/13/2018 10:03:10 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61863

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: 4/13/2018 10:03:21 AM
Printed by: wet

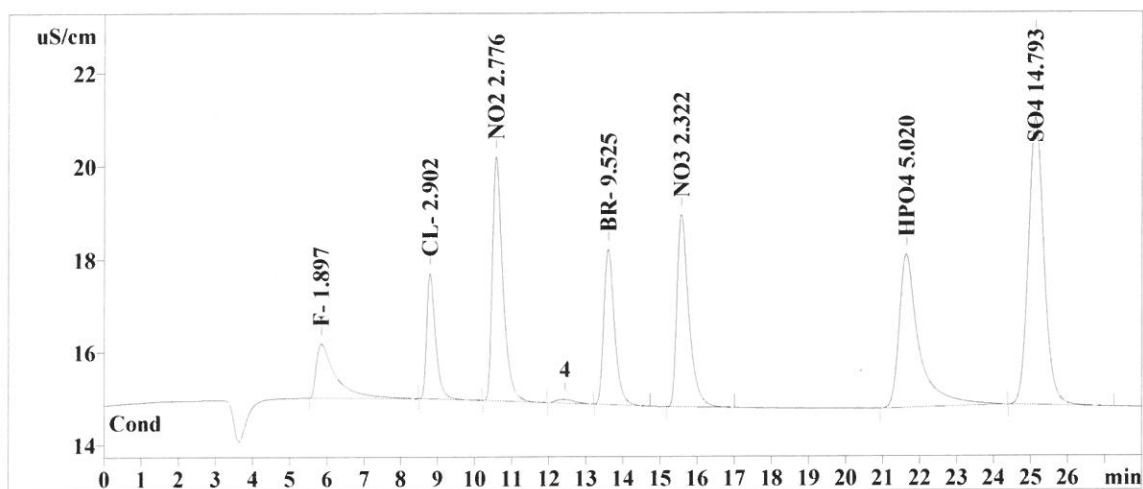
Ident: LB94590BSW
Analysis from: 4/12/2018 9:57:19 AM
File: _2018-04-12_

Last save: 4/13/2018 10:02:22 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61864

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	5.84	0.479	1.17	4.47	43.396	6.56	0.
2	8.79	0.251	2.70	10.32	45.976	6.95	0.
3	10.58	0.289	5.25	20.06	103.016	15.56	0.
4	13.60	0.301	3.35	12.79	67.279	10.16	0.
5	15.57	0.329	4.14	15.83	92.499	13.97	0.
6	21.63	0.486	3.31	12.63	124.714	18.84	0.
7	25.13	0.444	6.17	23.58	182.079	27.51	0.
7	28.00	0.368	26.08	99.66	658.959	99.55	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/13/2018 10:03:37 AM
Printed by: wet

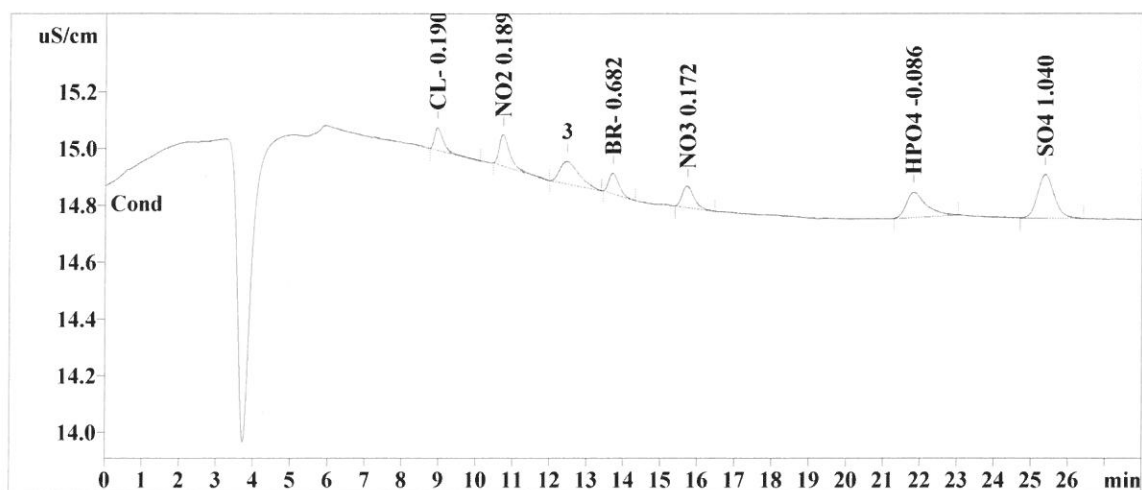
Ident: J2133-07 0.25
Analysis from: 4/12/2018 10:33:07 AM
File: _2018-04-12_

Last save: 4/12/2018 11:00:56 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61866

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	8.96	0.248	0.08	11.85	1.367	7.60	0.
3	10.72	0.286	0.11	16.47	2.272	12.63	0.
4	13.71	0.295	0.07	10.96	1.409	7.83	0.
5	15.71	0.336	0.08	11.45	1.706	9.48	0.
6	21.81	0.544	0.09	13.37	3.408	18.94	0.
7	25.37	0.478	0.15	23.10	4.886	27.15	0.
7	28.00	0.312	0.58	87.19	15.049	83.63	0.

This report has been created by IC Net
METROHM LTD

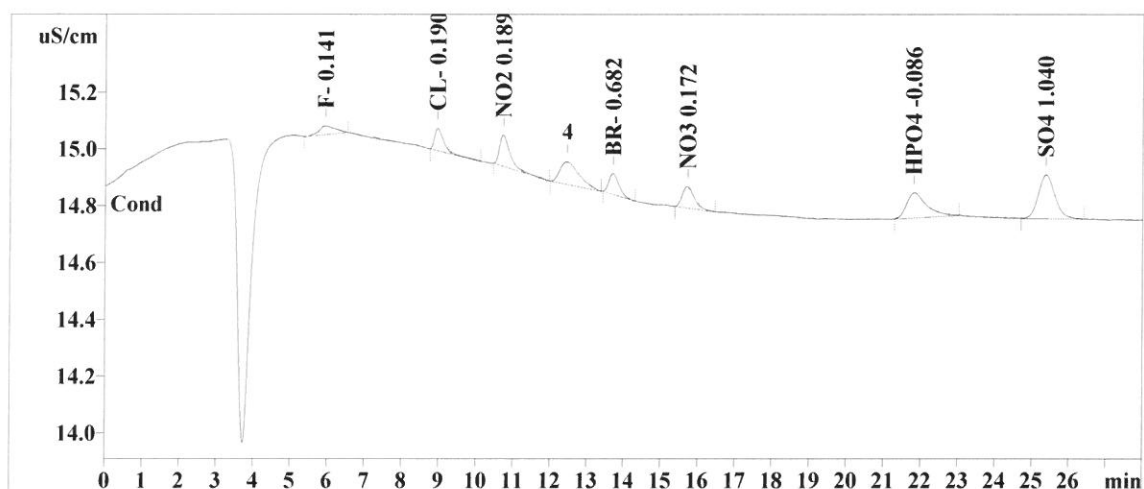
Report date: 4/13/2018 10:04:35 AM
Printed by: wet

Ident: J2133-07 0.25
Analysis from: 4/12/2018 10:33:07 AM
File: 2018-04-12_
Modified! Manual peaks!
Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61866

Last save: 4/12/2018 11:00:56 AM

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	5.92	0.486	0.03	4.38	0.936	4.94	0.
2	8.96	0.248	0.08	11.33	1.367	7.22	0.
3	10.72	0.286	0.11	15.76	2.272	12.00	0.
4	13.71	0.295	0.07	10.49	1.409	7.44	0.
5	15.71	0.336	0.08	10.95	1.706	9.01	0.
6	21.81	0.544	0.09	12.79	3.408	18.00	0.
7	25.37	0.478	0.15	22.09	4.886	25.81	0.
7	28.00	0.382	0.61	87.79	15.985	84.44	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/13/2018 10:06:55 AM
Printed by: wet

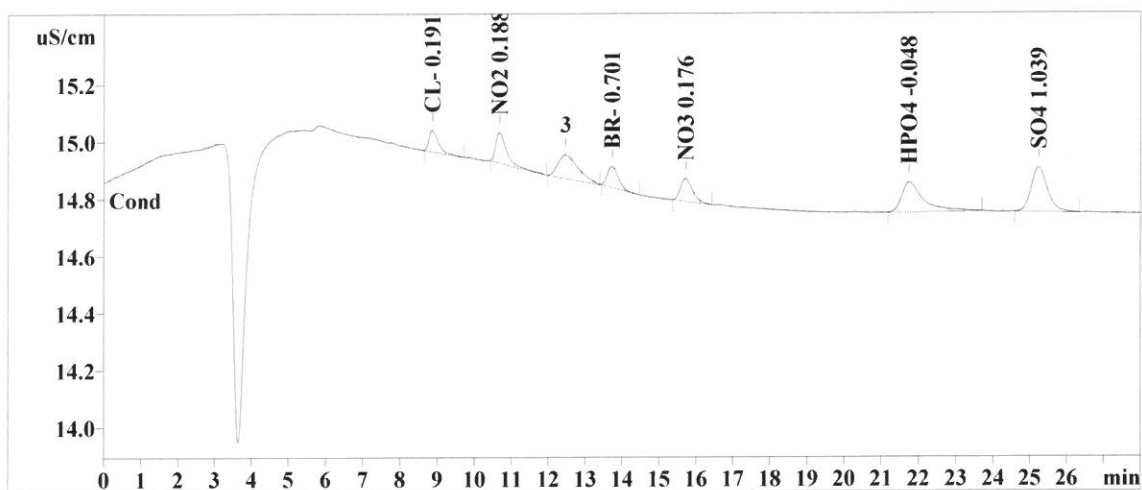
Ident: J2133-09 0.25
Analysis from: 4/12/2018 11:04:01 AM
File: _2018-04-12_

Last save: 4/12/2018 11:31:50 AM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61867

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.86	0.270	0.08	11.03	1.378	7.09	0.
3	10.67	0.288	0.11	15.63	2.269	11.68	0.
4	13.73	0.321	0.07	10.73	1.550	7.98	0.
5	15.71	0.346	0.08	11.75	1.845	9.50	0.
6	21.75	0.531	0.11	15.35	4.306	22.17	0.
7	25.24	0.463	0.16	22.76	4.877	25.11	0.
7	28.00	0.317	0.60	87.24	16.224	83.53	0.

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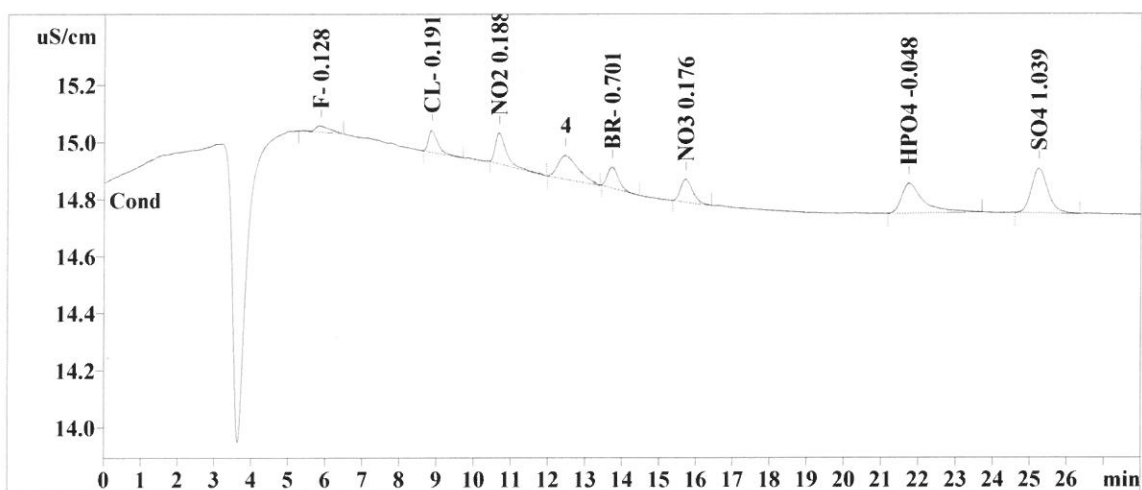
Report date: 4/13/2018 10:07:24 AM
Printed by: wet

Ident: J2133-09 0.25
Analysis from: 4/12/2018 11:04:01 AM
File: _2018-04-12_
Modified! Manual peaks!
Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61867

Last save: 4/12/2018 11:31:50 AM

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	5.90	0.453	0.02	2.92	0.628	3.13	0.
2	8.86	0.270	0.08	10.71	1.378	6.87	0.
3	10.67	0.288	0.11	15.18	2.269	11.32	0.
4	13.73	0.321	0.07	10.42	1.550	7.73	0.
5	15.71	0.346	0.08	11.42	1.845	9.20	0.
6	21.75	0.531	0.11	14.91	4.306	21.47	0.
7	25.24	0.463	0.16	22.11	4.877	24.32	0.
7	28.00	0.381	0.62	87.66	16.852	84.04	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/13/2018 10:07:39 AM
Printed by: wet

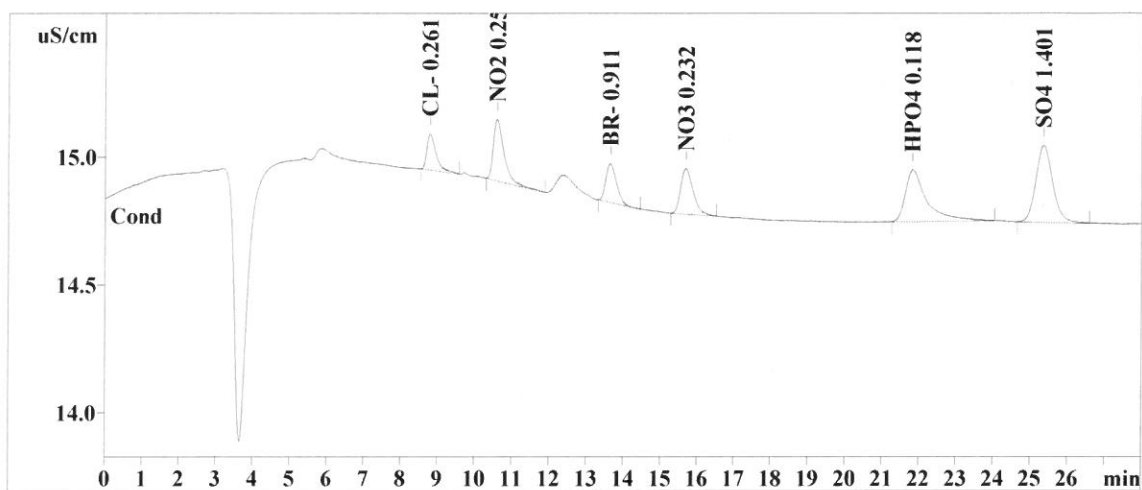
Ident: J2133-07 0.5
Analysis from: 4/12/2018 11:34:56 AM
File: _2018-04-12_

Last save: 4/12/2018 12:02:44 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61868

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

SAMPLE:
: AK/AP
Vial number: 13
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

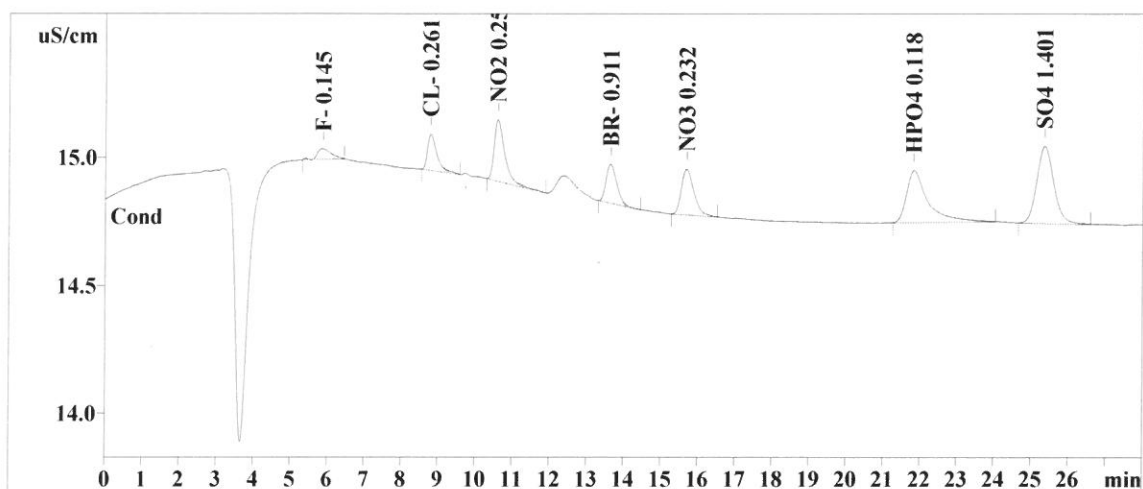
No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.79	0.257	0.14	11.58	2.533	7.79	0.
3	10.61	0.287	0.24	19.70	4.890	15.04	0.
4	13.64	0.313	0.15	12.47	3.111	9.57	0.
5	15.68	0.355	0.18	14.62	4.209	12.94	0.
6	21.83	0.523	0.20	16.63	8.245	25.36	0.
7	25.36	0.475	0.30	24.65	9.529	29.30	0.
7	28.00	0.316	1.22	99.65	32.518	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/13/2018 10:08:01 AM
Printed by: wet

Ident: J2133-07 0.5
Analysis from: 4/12/2018 11:34:56 AM
File: 2018-04-12_ Last save: 4/12/2018 12:02:44 PM
Modified! Manual peaks!
Method: ANIONS 03-19-18.mtw Last save: 3/28/2018 6:04:32 PM
Run operator: wet
Analysis number: 61868

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	5.87	0.401	0.04	3.18	1.042	3.10	0.
2	8.79	0.257	0.14	11.22	2.533	7.55	0.
3	10.61	0.287	0.24	19.08	4.890	14.57	0.
4	13.64	0.313	0.15	12.08	3.111	9.27	0.
5	15.68	0.355	0.18	14.16	4.209	12.54	0.
6	21.83	0.523	0.20	16.10	8.245	24.57	0.
7	25.36	0.475	0.30	23.87	9.529	28.40	0.
7	28.00	0.373	1.26	99.68	33.560	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/13/2018 10:08:11 AM
Printed by: wet

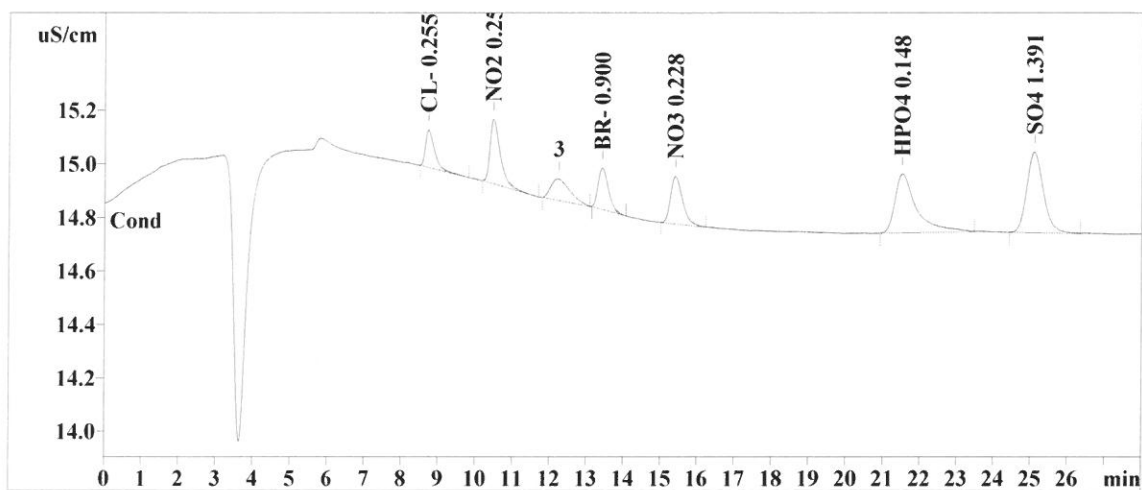
Ident: J2133-09 0.5
Analysis from: 4/12/2018 12:05:51 PM
File: _2018-04-12_

Last save: 4/12/2018 12:33:40 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61869

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	8.73	0.257	0.14	10.56	2.433	6.86	0.
3	10.49	0.281	0.24	18.35	4.716	13.29	0.
4	13.43	0.301	0.15	11.73	3.033	8.55	0.
5	15.41	0.346	0.18	13.46	4.055	11.43	0.
6	21.52	0.531	0.22	16.71	8.956	25.24	0.
7	25.10	0.472	0.30	22.82	9.410	26.52	0.
7	28.00	0.312	1.23	93.63	32.604	91.89	0.

This report has been created by IC Net
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This report has been created by IC Net
METROHM LTD

Report date: 4/13/2018 10:08:48 AM
Printed by: wet

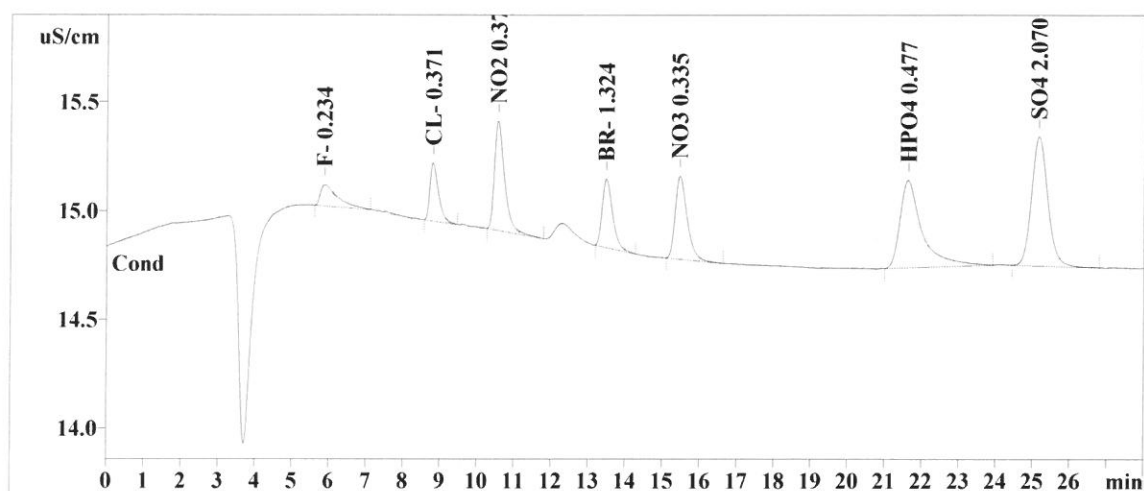
Ident: J2133-08
Analysis from: 4/12/2018 12:36:45 PM
File: _2018-04-12_

Last save: 4/12/2018 1:04:34 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61870

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	5.88	0.465	0.10	3.81	3.195	4.78	0.
2	8.80	0.246	0.26	10.37	4.338	6.49	0.
3	10.56	0.279	0.50	19.60	9.640	14.42	0.
4	13.49	0.299	0.31	12.29	6.190	9.26	0.
5	15.46	0.336	0.38	14.92	8.568	12.81	0.
6	21.62	0.545	0.40	15.70	16.779	25.10	0.
7	25.16	0.459	0.59	23.18	18.151	27.15	0.
7	28.00	0.376	2.55	99.87	66.862	100.00	0.

This report has been created by IC Net
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Report date: 4/13/2018 10:09:55 AM
Printed by: wet

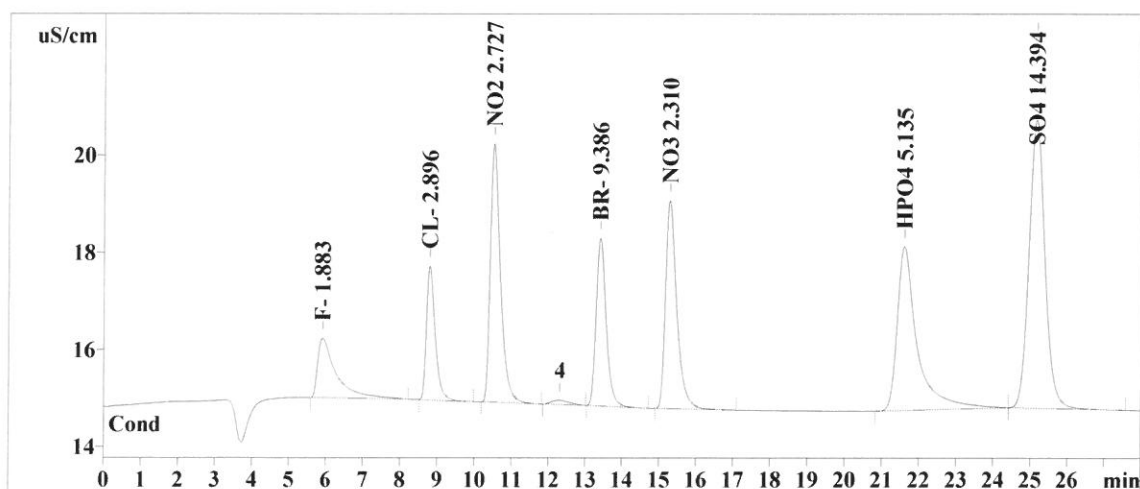
Ident: CCV
Analysis from: 4/12/2018 2:17:30 PM
File: _2018-04-12_

Last save: 4/12/2018 2:45:18 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61873

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	5.91	0.459	1.22	4.62	43.043	6.56	0.
2	8.79	0.248	2.76	10.43	45.881	7.00	0.
3	10.51	0.280	5.32	20.12	101.085	15.42	0.
4	13.41	0.288	3.45	13.07	66.246	10.10	0.
5	15.28	0.316	4.28	16.20	92.009	14.03	0.
6	21.60	0.484	3.38	12.78	127.442	19.44	0.
7	25.15	0.448	5.93	22.43	176.939	26.98	0.
7	28.00	0.361	26.33	99.64	652.645	99.53	0.

This report has been created by IC Net
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Report date: 4/13/2018 10:10:06 AM
Printed by: wet

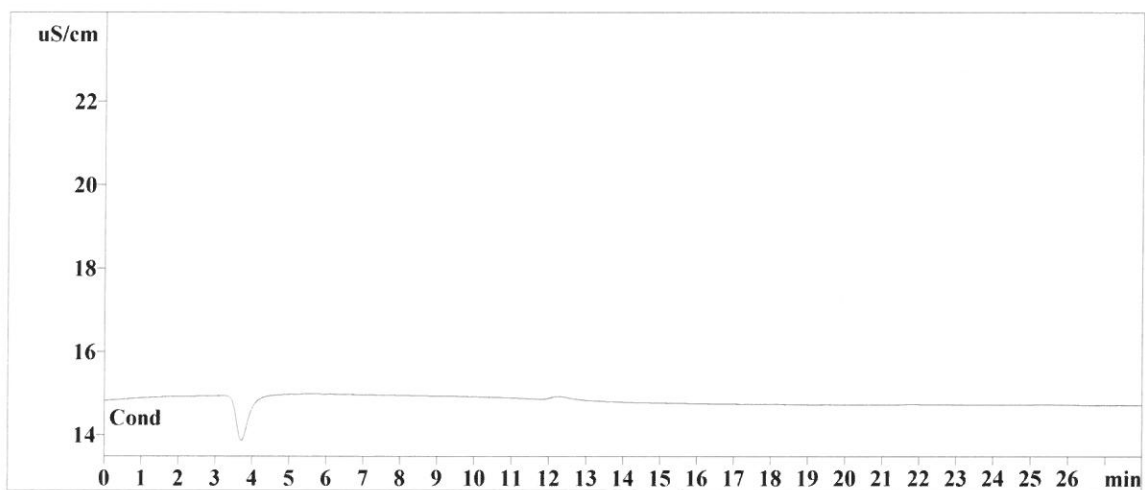
Ident: CCB
Analysis from: 4/12/2018 2:48:24 PM
File: _2018-04-12_

Last save: 4/12/2018 3:16:12 PM

Method: ANIONS 03-19-18.mtw
Run operator: wet
Analysis number: 61874

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

SAMPLE:
: AK/AP
Vial number: 18
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