

Clear table

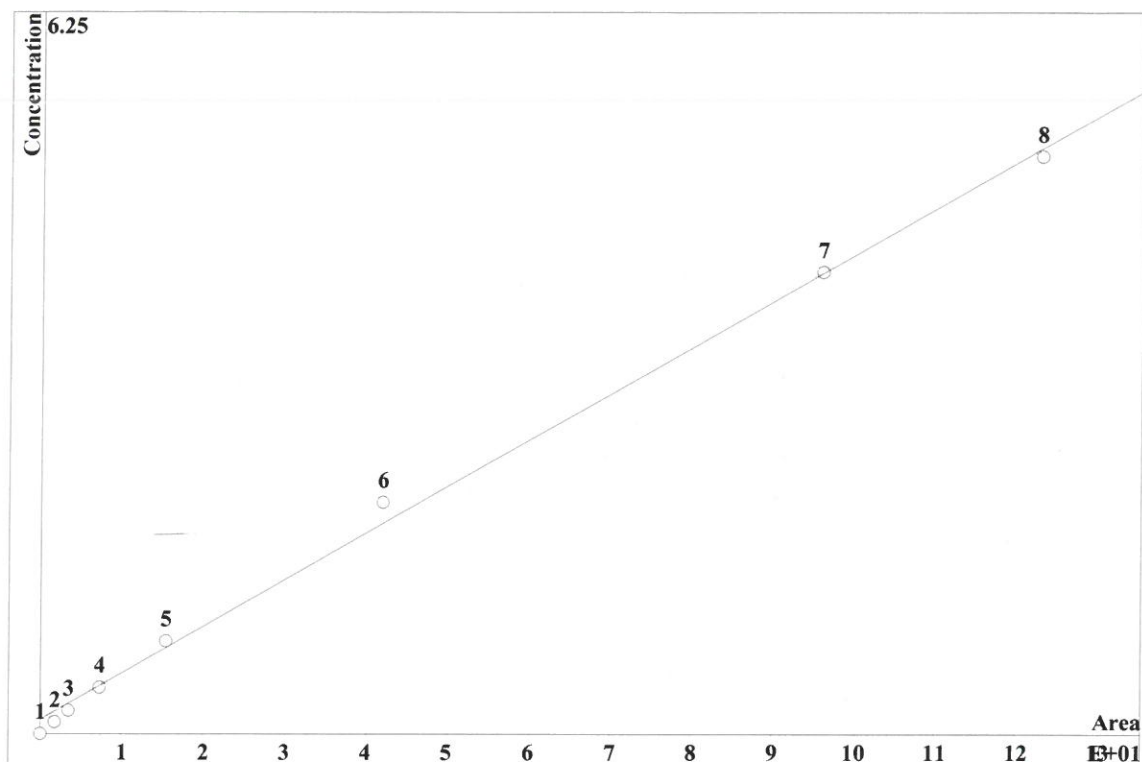
IC-1
30.0
03-25-19

ident	concentra tion 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 Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-05_	3/5/19 16:02		AK/AP
STD2	0.1950	0.2100	0.2250	0.7370	0.1900	0.0560	1.2360	2019-03-05_	3/5/19 16:31		AK/AP
STD3	0.2630	0.3490	0.3570	1.1810	0.3000	0.4170	1.8370	2019-03-05_	3/5/19 17:01		AK/AP
STD4	0.4150	0.6220	0.6150	2.0530	0.5150	1.0860	3.1590	2019-03-05_	3/5/19 17:30		AK/AP
STD5	0.7440	1.1630	1.1610	3.8570	0.9630	2.1770	5.7470	2019-03-05_	3/5/19 18:00		AK/AP
STD6	1.8190	2.8790	2.8470	9.5650	2.3800	5.1210	14.0260	2019-03-05_	3/5/19 18:29		AK/AP
STD7	3.9910	5.9160	5.9430	19.7310	4.9180	9.8910	29.5330	2019-03-05_	3/5/19 18:59		AK/AP
STD8	5.0720	7.6110	7.6010	25.3750	6.3580	12.5020	38.2110	2019-03-05_	3/5/19 19:28		AK/AP
ICV	2.0300	2.9500	2.9330	9.6960	2.4100	5.4390	14.2470	2019-03-05_	3/5/19 19:57		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-05_	3/5/19 20:27		AK/AP
CCV	1.9670	2.8820	2.8040	9.5790	2.3820	5.4230	14.6900	2019-03-22_	3/22/19 11:27		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 11:56		AK/AP
LB101599BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 12:25		AK/AP
LB101599BSW	1.8160	2.8720	2.7980	9.4990	2.3790	5.1190	13.7810	2019-03-22_	3/22/19 12:54		AK/AP
K2072-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 14:28		AK/AP
K2072-01DUP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 14:57		AK/AP
K2059-02	0.0000	39.8960	0.0000	0.0000	0.0000	0.1360	8.5250	2019-03-22_	3/22/19 15:26		AK/AP
K2059-05	0.3880	414.1090	0.0000	0.9190	0.0000	0.0000	24.2890	2019-03-22_	3/22/19 15:55		AK/AP
K2059-07	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 16:24		AK/AP
K2059-08	0.0000	331.7670	0.0000	0.0000	0.0000	0.0000	7.7840	2019-03-22_	3/22/19 16:53		AK/AP
CCV	1.8330	2.8950	2.8410	9.5530	2.3370	5.0640	14.0120	2019-03-22_	3/22/19 17:22		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 17:51		AK/AP
K2059-09	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 18:20		AK/AP
K2072-01MS	1.9990	2.9610	2.8930	9.8560	2.4580	5.3210	14.8520	2019-03-22_	3/22/19 18:49		AK/AP
K2072-01MSD	2.0050	2.8770	2.8070	9.5670	2.3930	5.1760	14.1550	2019-03-22_	3/22/19 19:18		AK/AP
K2059-02DLX10	0.0000	3.2910	0.0000	0.0000	0.1690	0.0000	1.3180	2019-03-22_	3/22/19 19:47		AK/AP
K2059-05DLX100	0.0000	2.7770	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 20:15		AK/AP
K2059-08DLX100	0.0000	2.2930	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 20:44		AK/AP
CCV	1.9080	2.9140	2.8100	9.7370	2.4010	5.1070	13.9570	2019-03-22_	3/22/19 22:11		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-03-22_	3/22/19 22:40		AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 0.804925 \cdot A + 2.50321$
 RSD: 5.846 %
 Correlation coefficient: 0.998841

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 Col 03-05-19
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K3 = 0 K2 = 0 K1 = 0.804925 K0 = 2.50321

Base: Area

Ref.channel: Cond

ISTD:

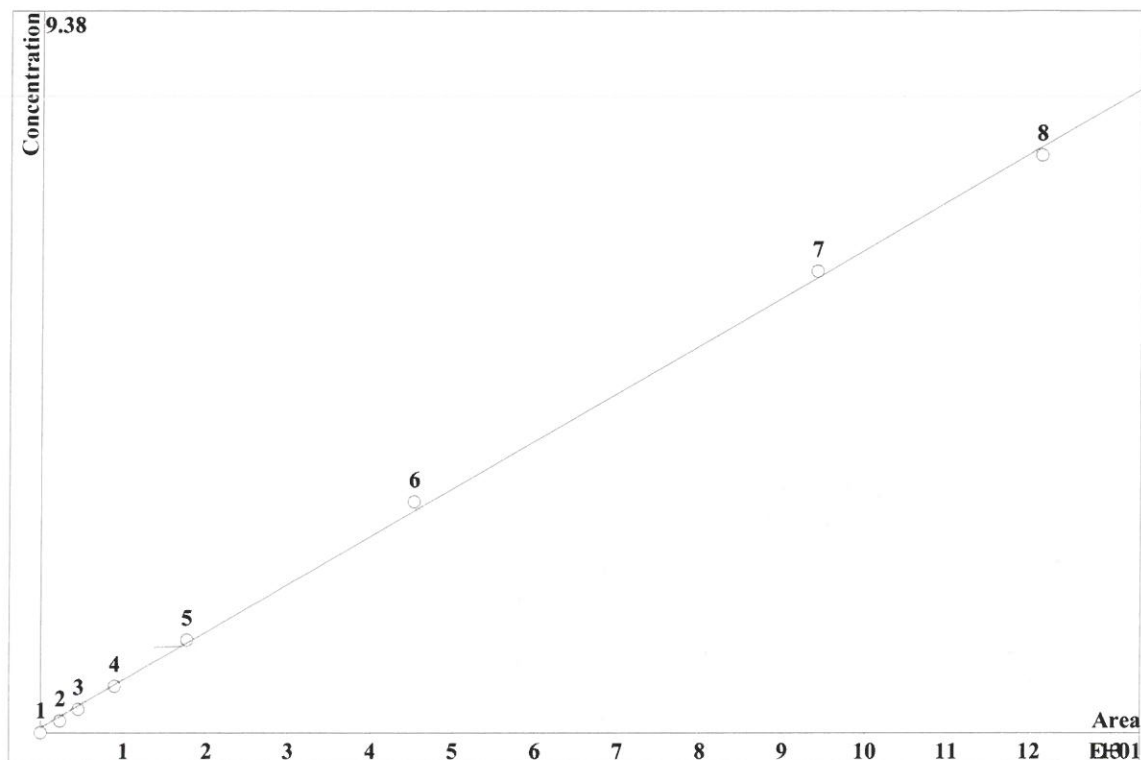
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.05848	1.744	0.1	20	5.913			Yes
3	0.1245	3.437	0.2	20	5.913			Yes
4	0.2695	7.209	0.4	20	5.913			Yes
5	0.5744	15.37	0.8	20	5.913			Yes
6	1.596	42.09	2	20	5.913			Yes
7	3.504	96.06	4	20	5.913			Yes
8	4.463	122.9	5	20	5.913			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 1.24374 \cdot A + 1.27387$
 RSD: 3.431 %
 Correlation coefficient: 0.999601



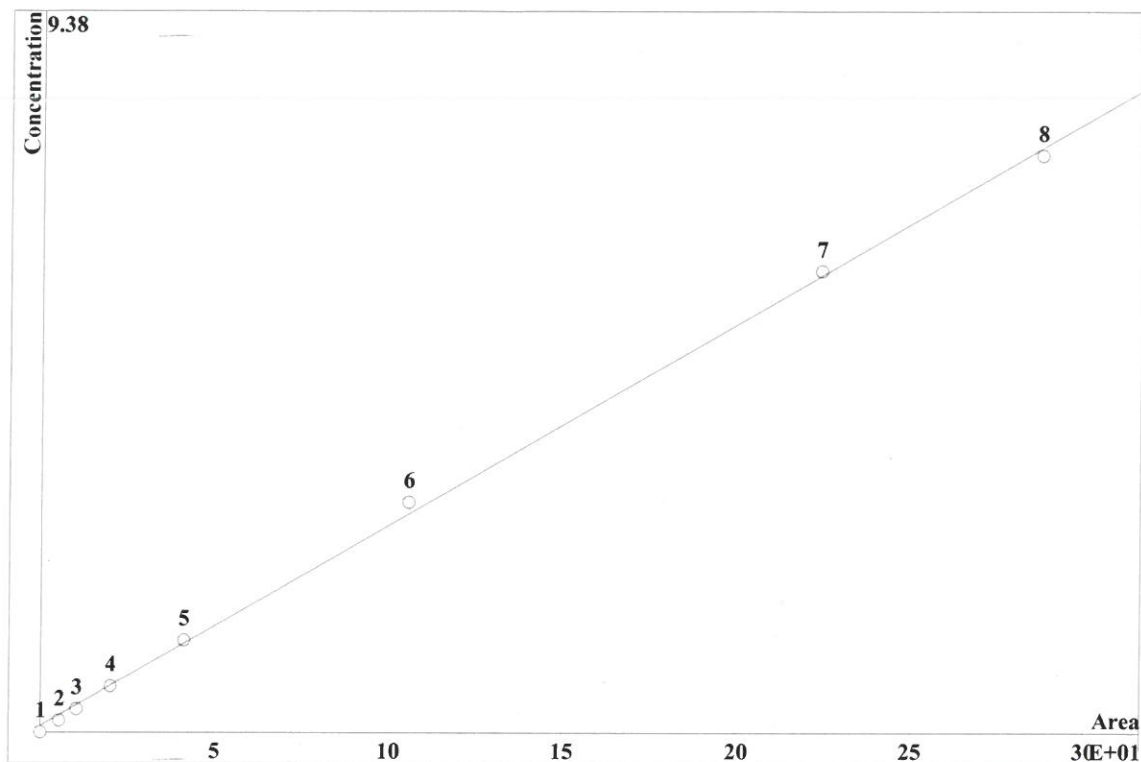
K3 = 0 K2 = 0 K1 = 1.24374 K0 = 1.27387

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	0.1378	2.359	0.15	20	8.858			Yes
3	0.2672	4.595	0.3	20	8.858			Yes
4	0.5199	8.974	0.6	20	8.858			Yes
5	1.042	17.67	1.2	20	8.858			Yes
6	2.693	45.27	3	20	8.858			Yes
7	5.632	94.1	6	20	8.858			Yes
8	7.317	121.4	7.5	20	8.858			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 0.523191 \cdot A + 1.70358$
 RSD: 3.640 %
 Correlation coefficient: 0.999551



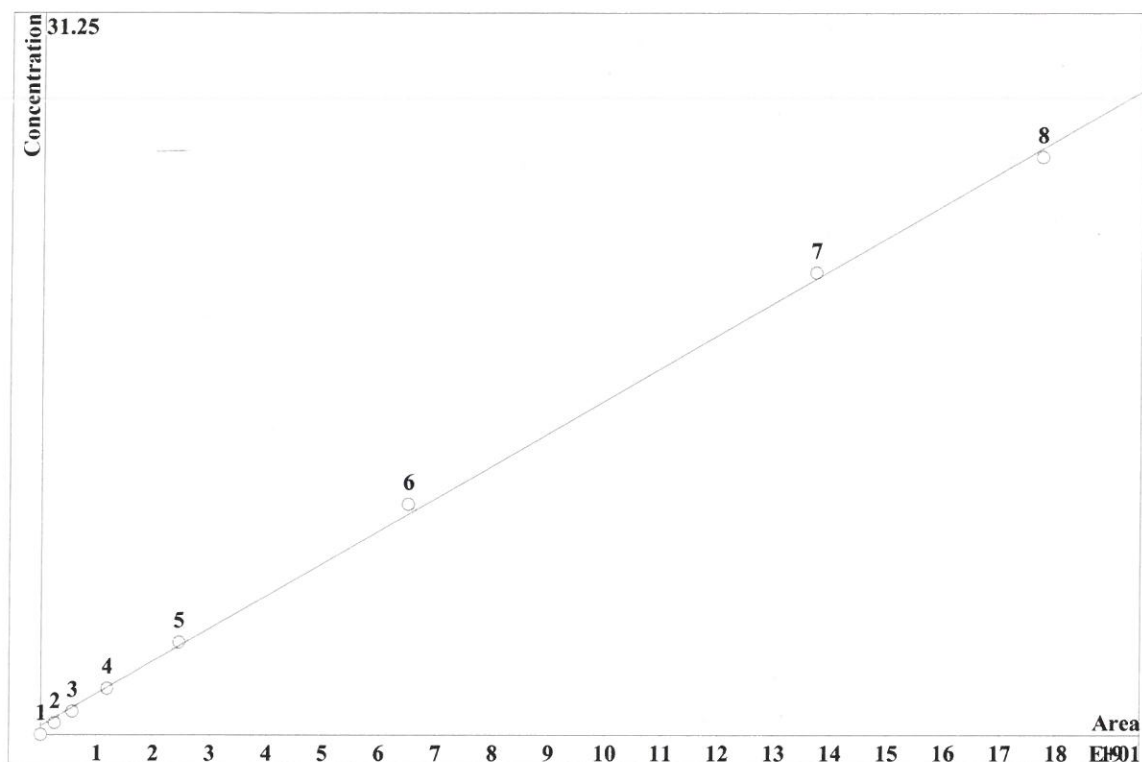
K3 = 0 K2 = 0 K1 = 0.523191 K0 = 1.70358

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	0.2585	5.357	0.15	20	10.65			Yes
3	0.5158	10.38	0.3	20	10.65			Yes
4	1.042	20.25	0.6	20	10.65			Yes
5	2.128	41.14	1.2	20	10.65			Yes
6	5.551	105.6	3	20	10.65			Yes
7	11.6	223.9	6	20	10.65			Yes
8	14.93	287.3	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 2.82009 \cdot A + 7.76849$
 RSD: 3.594 %
 Correlation coefficient: 0.999562



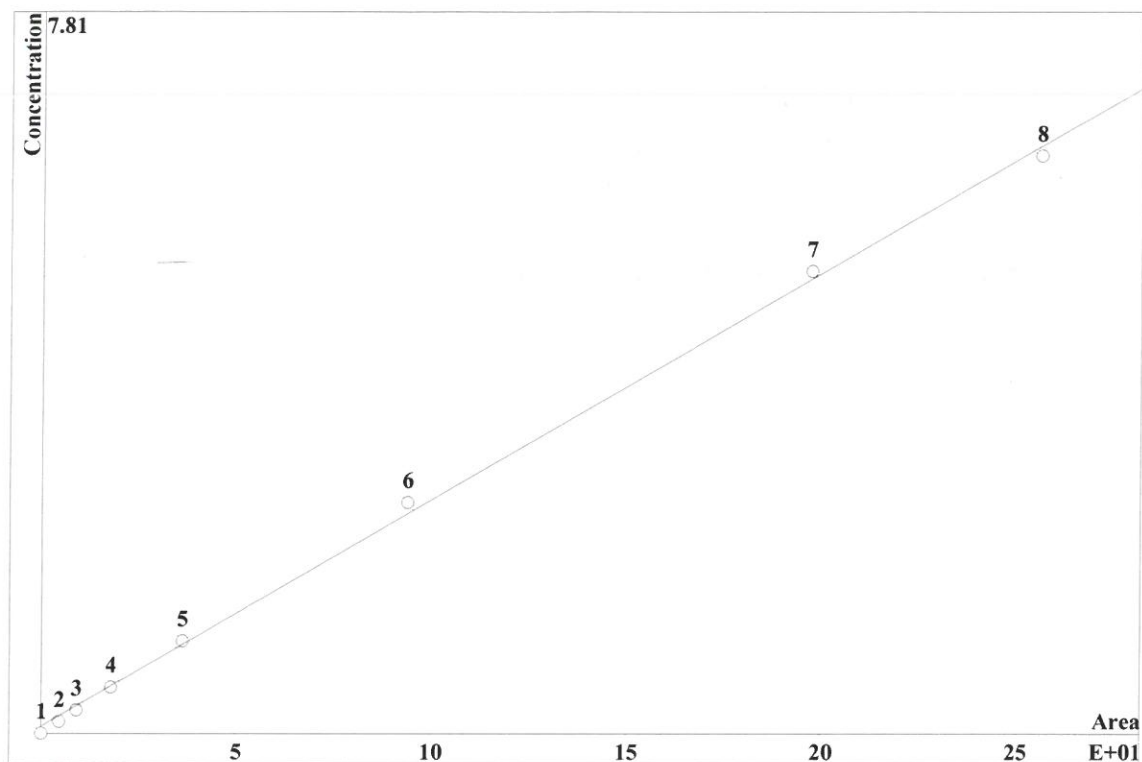
K3 = 0 K2 = 0 K1 = 2.82009 K0 = 7.76849

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	0.1234	2.473	0.5	20	13.72			Yes
3	0.2646	5.624	1	20	13.72			Yes
4	0.5553	11.81	2	20	13.72			Yes
5	1.14	24.6	4	20	13.72			Yes
6	2.942	65.08	10	20	13.72			Yes
7	5.927	137.2	20	20	13.72			Yes
8	7.449	177.2	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 0.490563 \cdot A + 1.54373$
 RSD: 4.068 %
 Correlation coefficient: 0.999439



K3 = 0 K2 = 0 K1 = 0.490563 K0 = 1.54373

Base: Area

Ref.channel: Cond

ISTD:

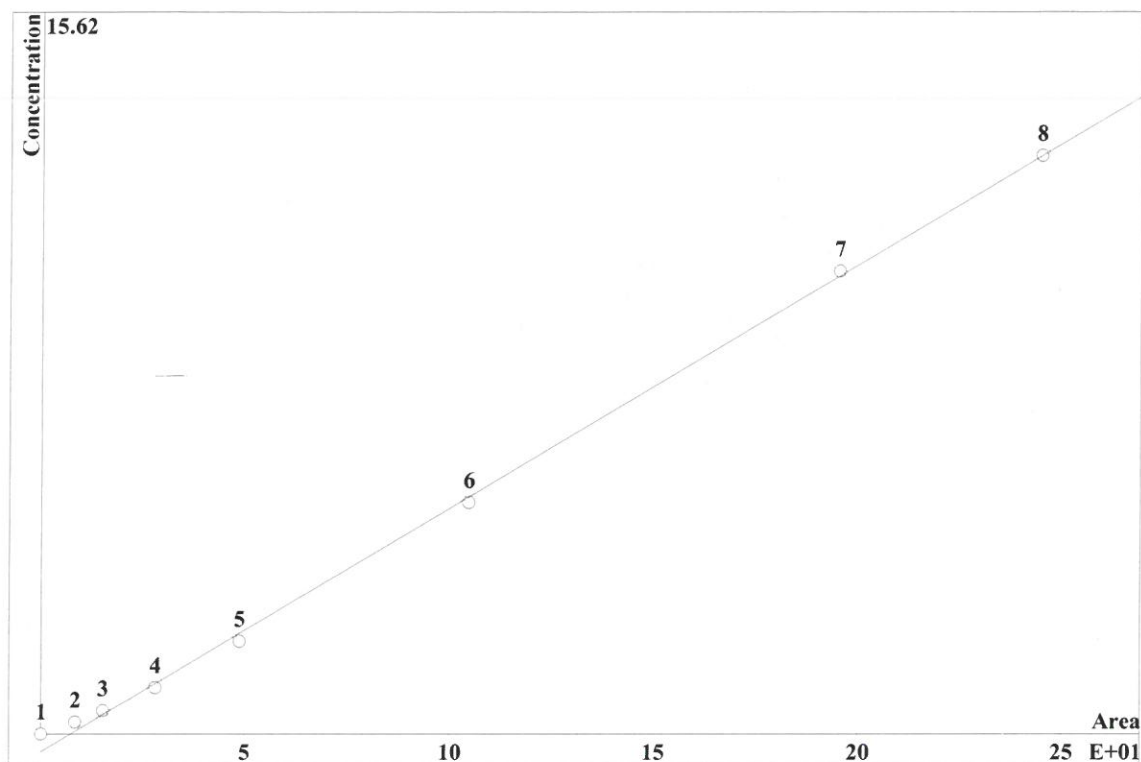
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1812	4.602	0.125	20	15.65	Yes		Yes
3	0.3607	9.092	0.25	20	15.65	Yes		Yes
4	0.7284	17.86	0.5	20	15.65	Yes		Yes
5	1.48	36.13	1	20	15.65	Yes		Yes
6	3.872	93.87	2.5	20	15.65	Yes		Yes
7	8.278	197.4	5	20	15.65	Yes		Yes
8	10.82	256.1	6.25	20	15.65	Yes		Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 1.05291 \cdot A - 7.73973$
 RSD: 3.321 %
 Correlation coefficient: 0.999626



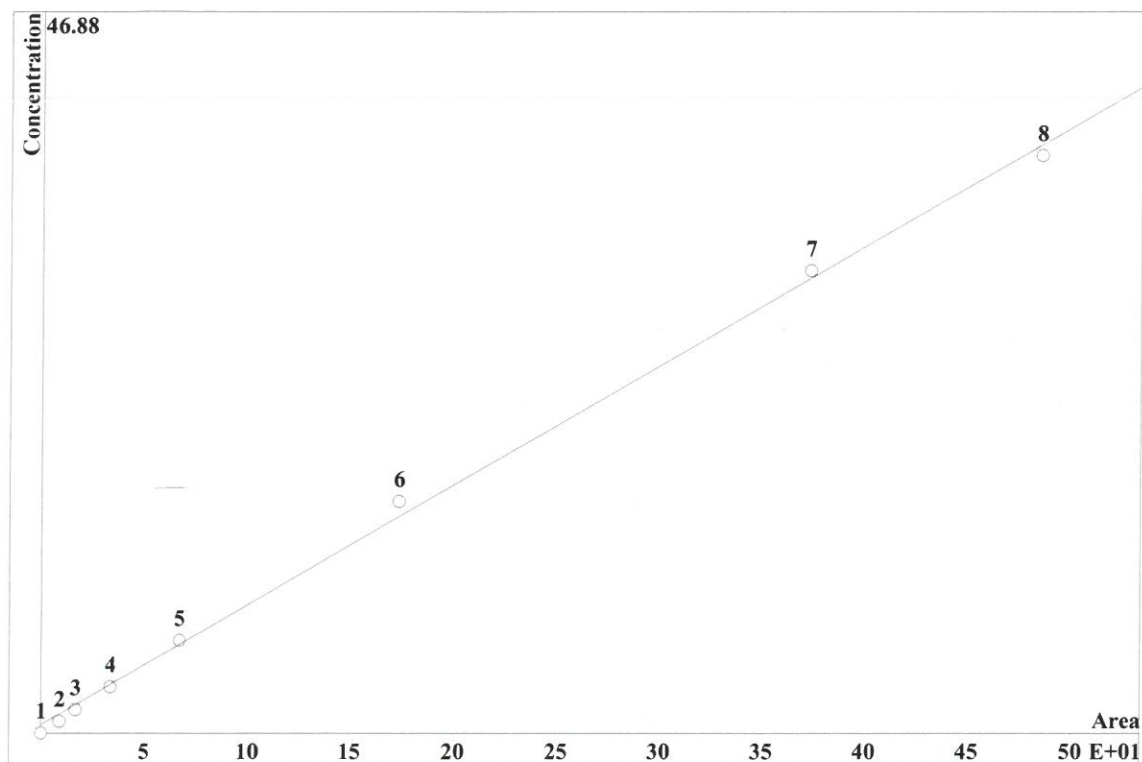
K3 = 0 K2 = 0 K1 = 1.05291 K0 = -7.73973

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	0.185	8.412	0.25	20	21.48			Yes
3	0.3481	15.27	0.5	20	21.48			Yes
4	0.6551	27.98	1	20	21.48			Yes
5	1.199	48.71	2	20	21.48			Yes
6	2.752	104.6	5	20	21.48			Yes
7	5.446	195.2	10	20	21.48			Yes
8	6.973	244.8	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 1.55143 \cdot A + 10.9562$
 RSD: 4.851 %
 Correlation coefficient: 0.999202



K3 = 0 K2 = 0 K1 = 1.55143 K0 = 10.9562

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	0.276	8.873	0.75	20	25.17			Yes
3	0.539	16.62	1.5	20	25.17			Yes
4	1.084	33.66	3	20	25.17			Yes
5	2.197	67.03	6	20	25.17			Yes
6	5.818	173.8	15	20	25.17			Yes
7	12.54	373.7	30	20	25.17			Yes
8	16.37	485.5	37.5	20	25.17			Yes

Report date: 3/6/2019 8:51:35 AM
Printed by: wet

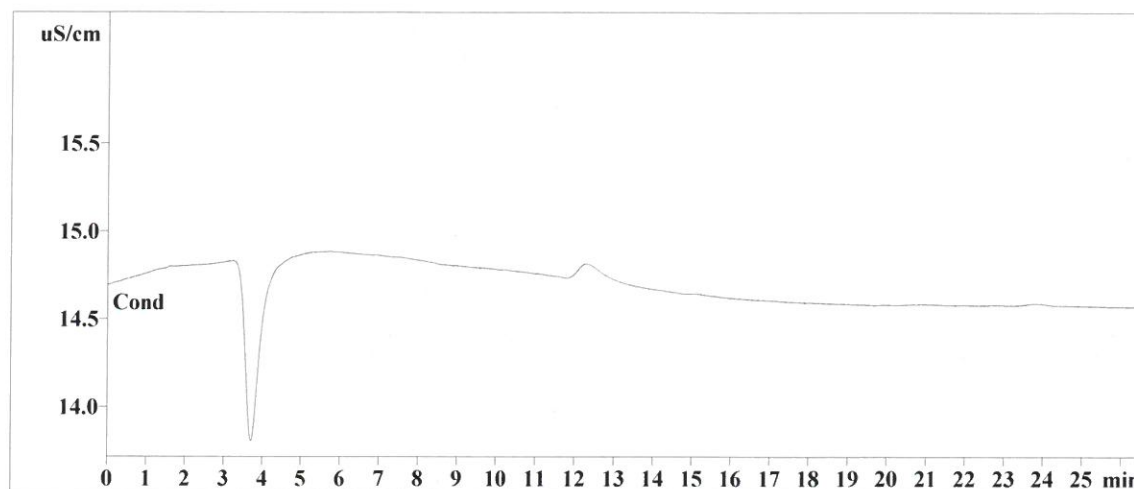
Ident: STD1
Analysis from: 3/5/2019 4:02:28 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65511

Last save: 3/5/2019 7:25:20 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: 3/6/2019 8:51:47 AM
Printed by: wet

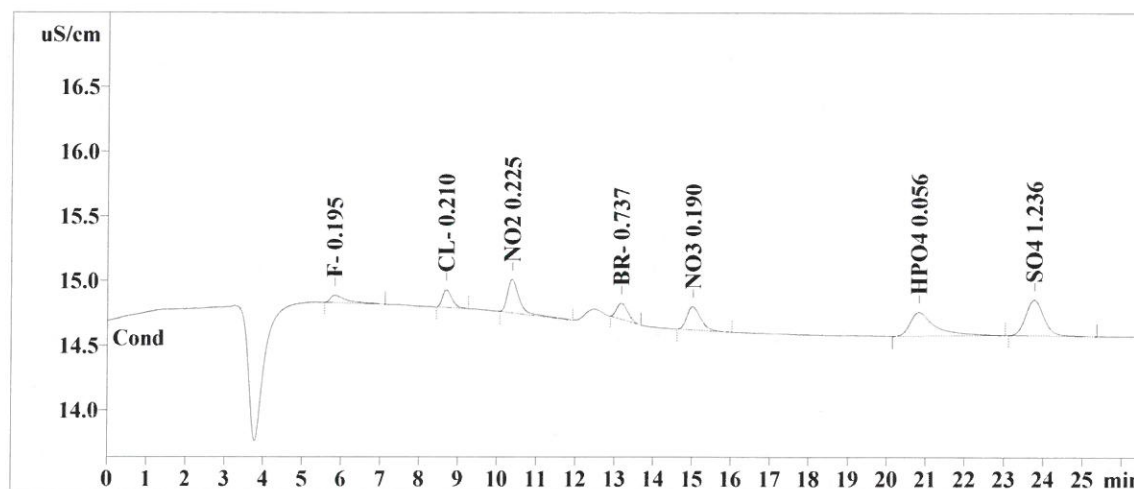
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Analysis from: 3/5/2019 4:31:54 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65512

Last save: 3/5/2019 7:25:20 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	5.82	0.390	0.06	4.74	1.744	5.16	0.
2	8.70	0.260	0.14	11.22	2.359	6.98	0.
3	10.38	0.289	0.26	21.16	5.357	15.84	0.
4	13.17	0.321	0.12	10.08	2.473	7.31	0.
5	15.01	0.385	0.18	14.80	4.602	13.61	0.
6	20.82	0.594	0.18	15.11	8.412	24.87	0.
7	23.76	0.483	0.28	22.57	8.873	26.24	0.
7	26.50	0.389	1.22	99.68	33.820	100.00	0.

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Report date: 3/6/2019 8:51:55 AM
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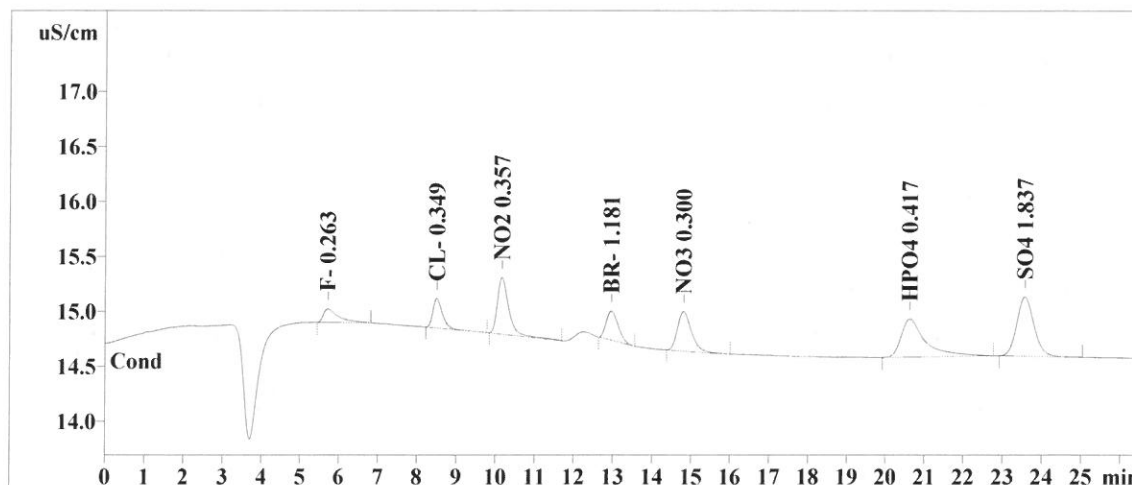
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Analysis from: 3/5/2019 5:01:19 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65513

Last save: 3/5/2019 7:25:20 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	5.70	0.378	0.12	5.12	3.437	5.29	0.
2	8.50	0.257	0.27	11.02	4.595	7.07	0.
3	10.16	0.287	0.52	21.30	10.378	15.96	0.
4	12.96	0.336	0.26	10.91	5.624	8.65	0.
5	14.80	0.381	0.36	14.90	9.092	13.99	0.
6	20.62	0.573	0.35	14.37	15.268	23.49	0.
7	23.56	0.469	0.54	22.25	16.617	25.56	0.
7	26.50	0.383	2.42	99.87	65.009	100.00	0.

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Report date: 3/6/2019 8:52:02 AM
Printed by: wet

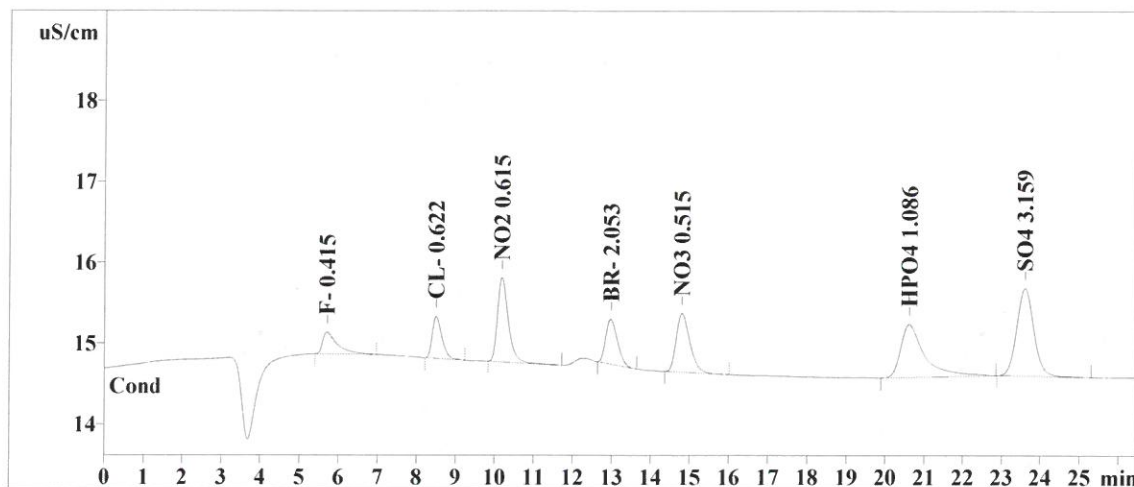
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Analysis from: 3/5/2019 5:30:44 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65514

Last save: 3/5/2019 7:25:20 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	5.69	0.365	0.27	5.54	7.209	5.64	0.
2	8.50	0.262	0.52	10.69	8.974	7.03	0.
3	10.18	0.286	1.04	21.47	20.252	15.85	0.
4	12.97	0.334	0.55	11.43	11.807	9.24	0.
5	14.80	0.374	0.73	14.99	17.858	13.98	0.
6	20.61	0.561	0.65	13.48	27.979	21.90	0.
7	23.59	0.471	1.08	22.32	33.663	26.35	0.
7	26.50	0.379	4.85	99.92	127.743	100.00	0.

This report has been created by IC Net
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Report date: 3/6/2019 8:52:08 AM
Printed by: wet

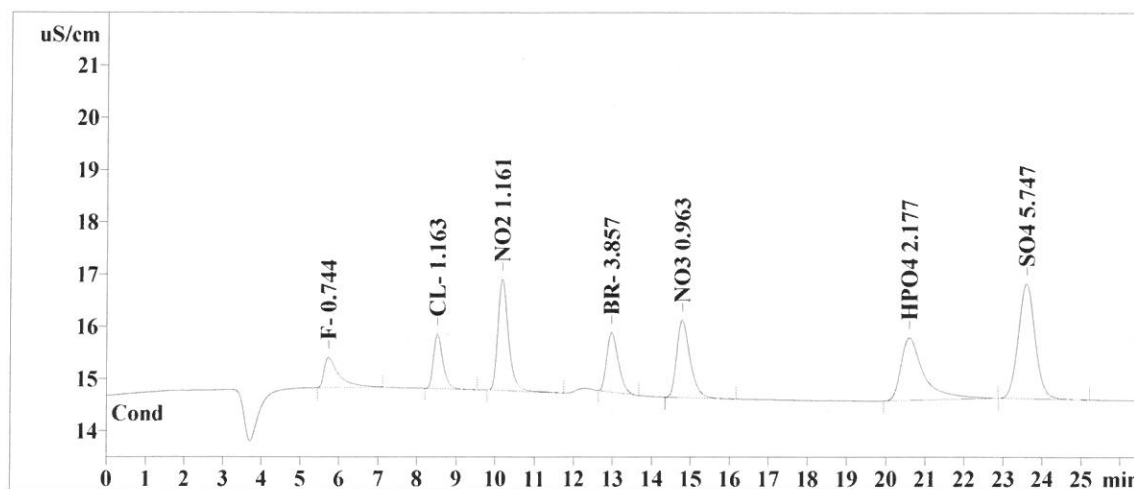
Ident: STD5
Analysis from: 3/5/2019 6:00:09 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65515

Last save: 3/5/2019 7:25:20 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	5.71	0.363	0.57	5.87	15.370	6.13	0.
2	8.51	0.254	1.04	10.68	17.672	7.05	0.
3	10.17	0.284	2.13	21.80	41.139	16.41	0.
4	12.97	0.337	1.14	11.68	24.601	9.82	0.
5	14.78	0.370	1.48	15.16	36.130	14.41	0.
6	20.59	0.537	1.20	12.29	48.709	19.43	0.
7	23.57	0.465	2.20	22.50	67.028	26.74	0.
7	26.50	0.373	9.76	99.98	250.651	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/6/2019 8:52:15 AM
Printed by: wet

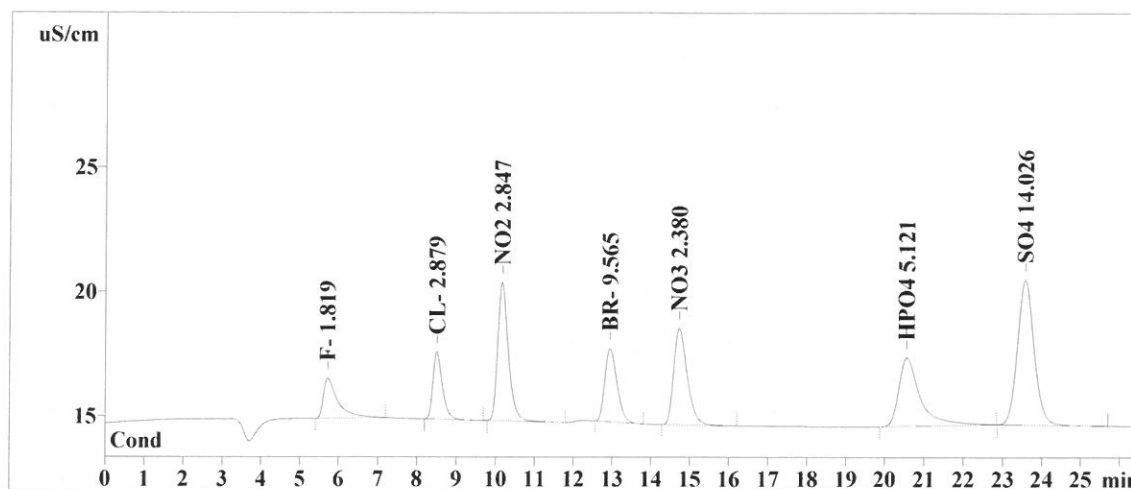
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Analysis from: 3/5/2019 6:29:34 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65516

Last save: 3/5/2019 7:25:20 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	5.71	0.358	1.60	6.32	42.090	6.68	0.
2	8.50	0.251	2.69	10.67	45.265	7.18	0.
3	10.15	0.282	5.55	22.00	105.573	16.75	0.
4	12.94	0.345	2.94	11.66	65.077	10.33	0.
5	14.72	0.367	3.87	15.35	93.867	14.89	0.
6	20.56	0.508	2.75	10.91	104.625	16.60	0.
7	23.56	0.454	5.82	23.06	173.754	27.57	0.
7	26.50	0.366	25.22	99.99	630.251	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/6/2019 8:52:22 AM
Printed by: wet

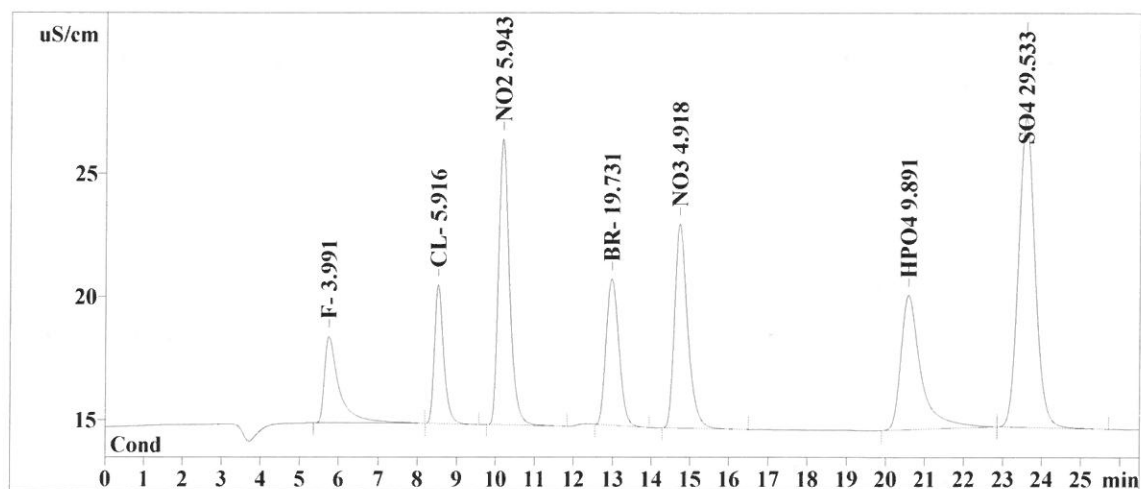
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File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65517

Last save: 3/5/2019 7:25:20 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	5.73	0.357	3.50	6.62	96.056	7.29	0.
2	8.53	0.249	5.63	10.64	94.102	7.14	0.
3	10.17	0.287	11.60	21.91	223.939	17.00	0.
4	12.97	0.363	5.93	11.20	137.180	10.41	0.
5	14.72	0.358	8.28	15.64	197.370	14.98	0.
6	20.57	0.486	5.45	10.29	195.238	14.82	0.
7	23.58	0.452	12.54	23.69	373.664	28.36	0.
7	26.50	0.365	52.92	100.00	1317.548	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/6/2019 8:52:32 AM
Printed by: wet

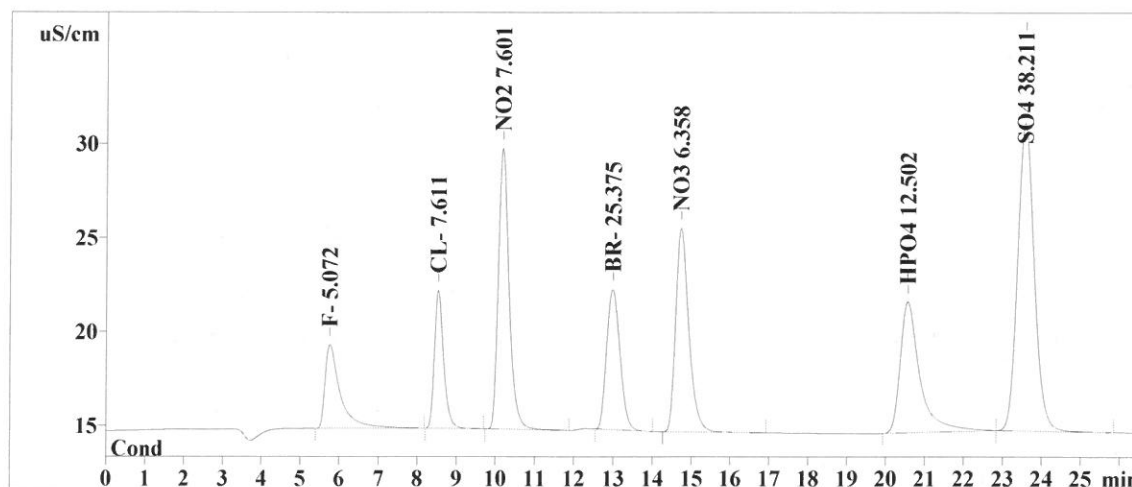
Ident: STD8
Analysis from: 3/5/2019 7:28:25 PM
File: _2019-03-05_

Last save: 3/6/2019 8:41:52 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65518

Last save: 3/6/2019 8:41:34 AM

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	5.75	0.366	4.46	6.53	122.913	7.25	0.
2	8.53	0.247	7.32	10.71	121.372	7.16	0.
3	10.17	0.285	14.93	21.85	287.324	16.95	0.
4	12.98	0.375	7.45	10.90	177.205	10.45	0.
5	14.71	0.356	10.82	15.84	256.077	15.11	0.
6	20.55	0.478	6.97	10.21	244.820	14.44	0.
7	23.56	0.451	16.37	23.95	485.529	28.64	0.
7	26.50	0.365	68.32	100.00	1695.239	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/6/2019 8:52:42 AM
Printed by: wet

Ident: ICV
Analysis from: 3/5/2019 7:57:50 PM
File: _2019-03-05_

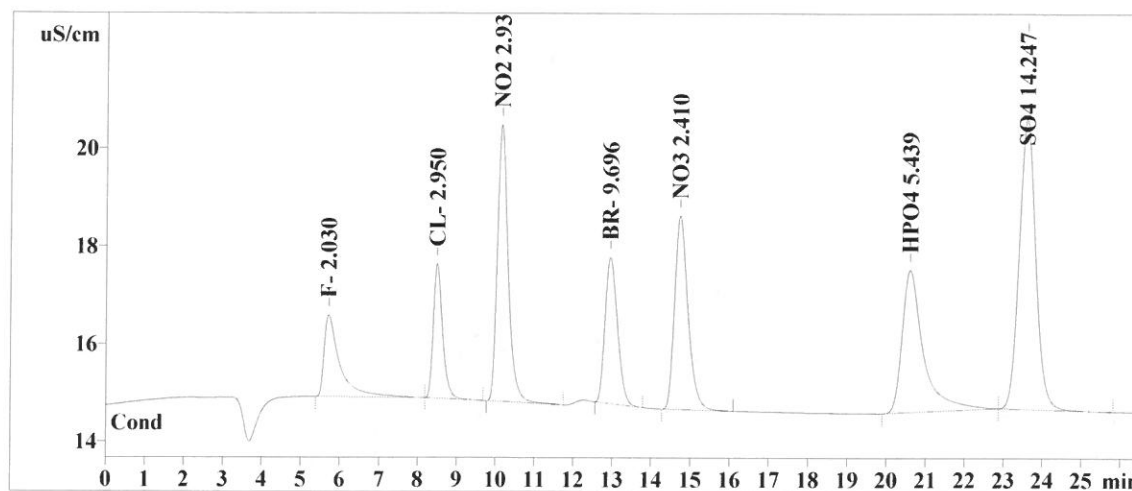
Last save: 3/6/2019 8:41:52 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65519

Last save: 3/6/2019 8:41:34 AM

SAMPLE:

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.364	1.66	6.43	47.318	7.27	0.
2	8.48	0.252	2.75	10.63	46.407	7.13	0.
3	10.14	0.284	5.66	21.88	108.852	16.72	0.
4	12.94	0.345	2.99	11.56	66.007	10.14	0.
5	14.72	0.364	3.95	15.29	95.092	14.61	0.
6	20.59	0.509	2.91	11.25	110.672	17.00	0.
7	23.58	0.452	5.93	22.95	176.602	27.13	0.
7	26.50	0.367	25.85	99.99	650.950	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/6/2019 8:52:53 AM
Printed by: wet

Ident: ICB
Analysis from: 3/5/2019 8:27:15 PM
File: _2019-03-05_

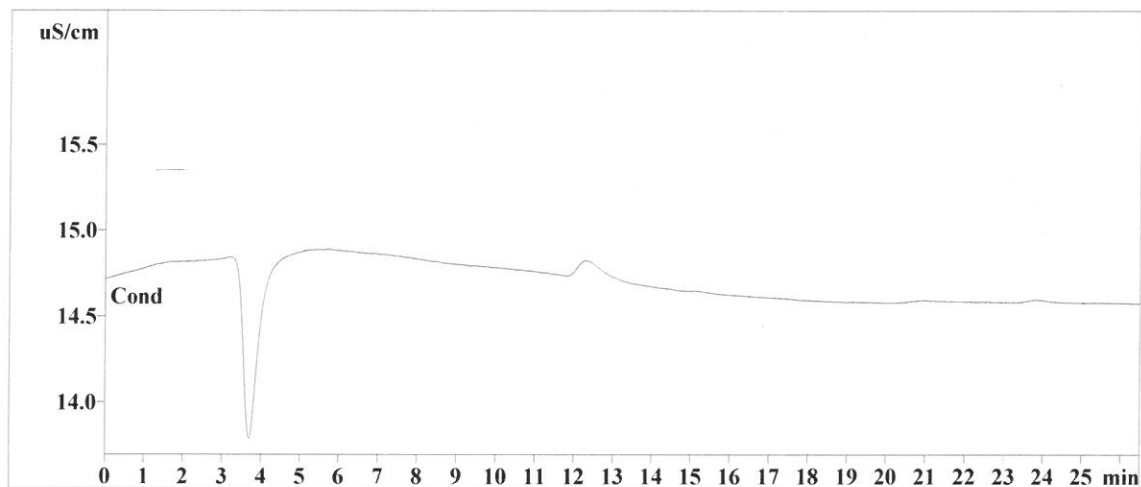
Last save: 3/6/2019 8:41:52 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65520

Last save: 3/6/2019 8:41:34 AM

SAMPLE:

: AK/AP
Vial number: 11
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: 3/25/2019 1:48:15 PM
Printed by: wet

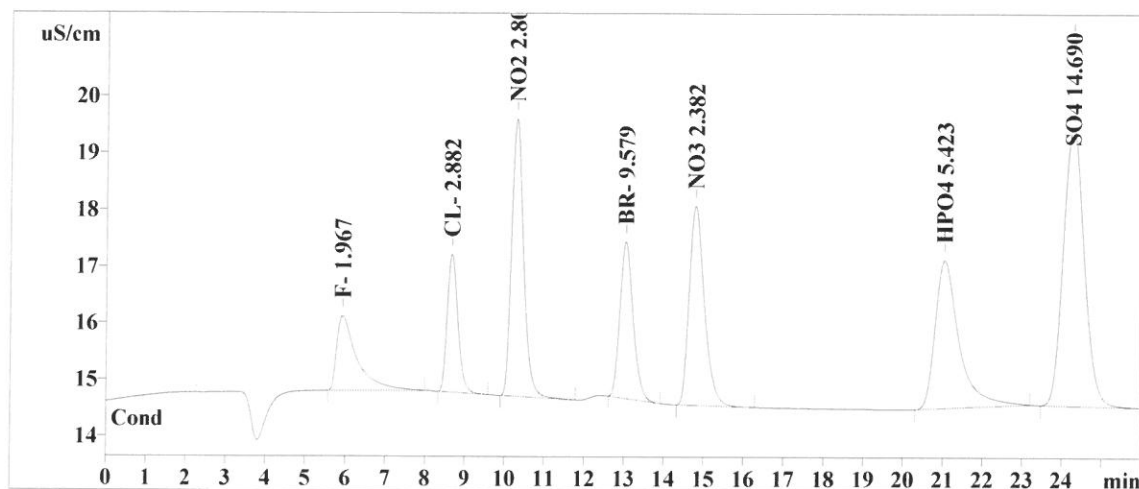
Ident: CCV
Analysis from: 3/22/2019 11:27:22 AM
File: _2019-03-22_

Last save: 3/25/2019 1:47:40 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66023

Last save: 3/21/2019 1:01:18 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	0.458	1.32	5.87	45.756	7.07	0.
2	8.66	0.284	2.44	10.85	45.315	7.01	0.
3	10.29	0.323	4.89	21.77	103.914	16.07	0.
4	13.03	0.363	2.77	12.32	65.180	10.08	0.
5	14.78	0.406	3.52	15.65	93.984	14.53	0.
6	21.02	0.591	2.62	11.65	110.369	17.06	0.
7	24.26	0.576	4.92	21.88	182.310	28.19	0.
7	26.00	0.429	22.46	99.99	646.827	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:48:27 PM
Printed by: wet

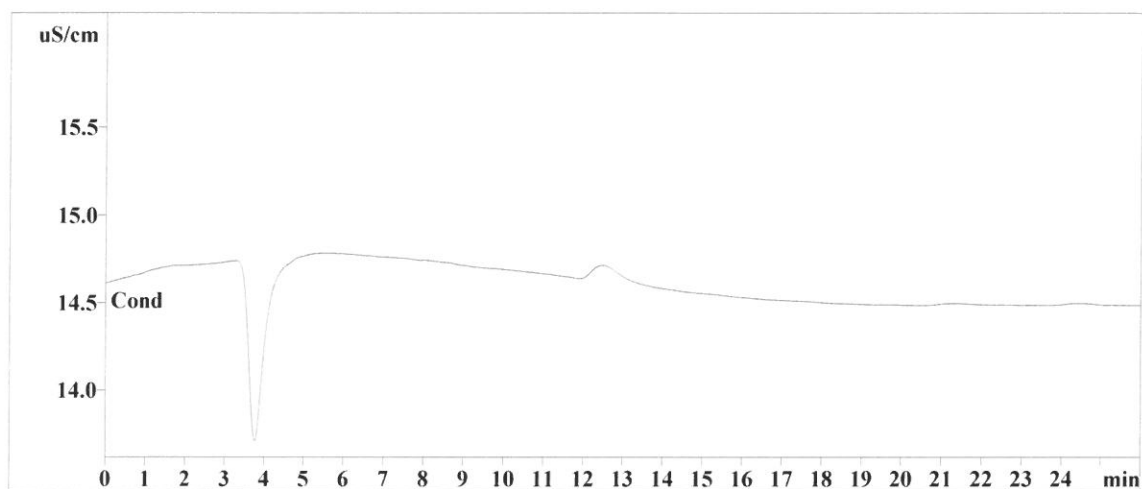
Ident: CCB
Analysis from: 3/22/2019 11:56:17 AM
File: _2019-03-22_

Last save: 3/25/2019 1:47:40 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66024

Last save: 3/21/2019 1:01:18 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: 3/25/2019 1:49:55 PM
Printed by: wet

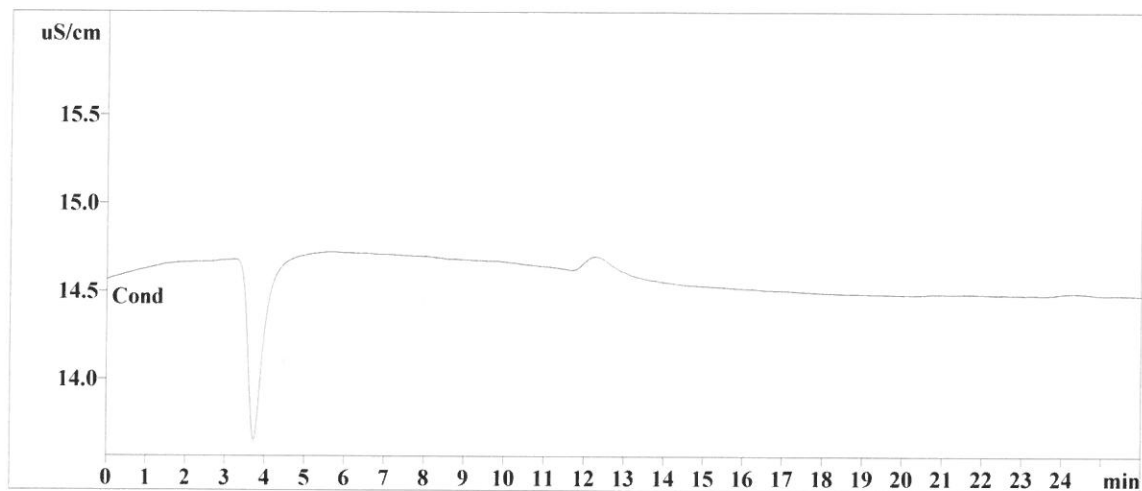
Ident: LB101599BLW
Analysis from: 3/22/2019 12:25:13 PM
File: _2019-03-22_

Last save: 3/25/2019 1:46:30 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66025

Last save: 3/21/2019 1:01:18 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: 3/25/2019 1:50:00 PM
Printed by: wet

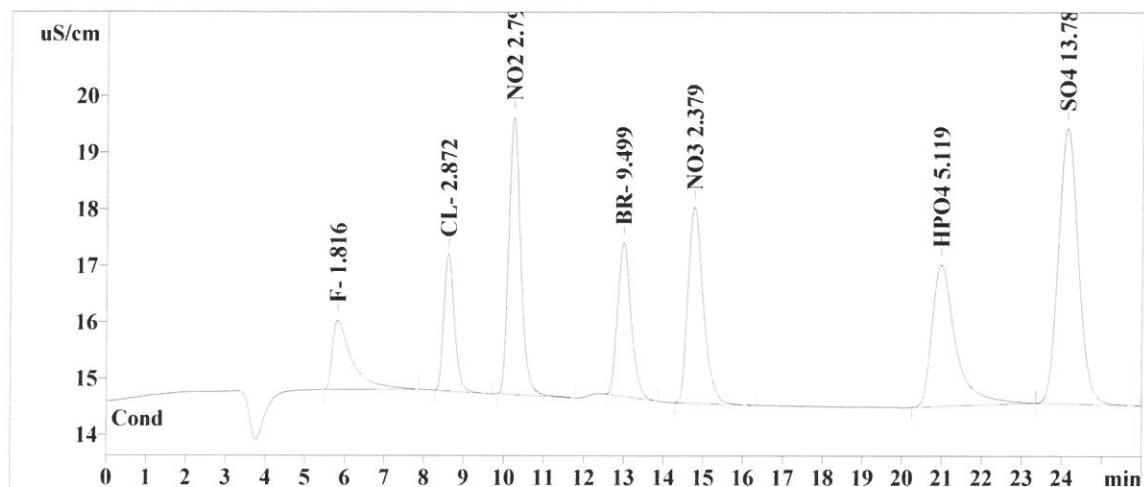
Ident: LB101599BSW
Analysis from: 3/22/2019 12:54:08 PM
File: _2019-03-22_

Last save: 3/25/2019 1:46:30 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66026

Last save: 3/21/2019 1:01:18 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	5.83	0.446	1.23	5.56	42.005	6.73	0.
2	8.60	0.285	2.42	10.94	45.162	7.23	0.
3	10.23	0.321	4.90	22.12	103.698	16.60	0.
4	12.98	0.363	2.73	12.33	64.610	10.35	0.
5	14.76	0.410	3.47	15.69	93.856	15.03	0.
6	20.97	0.579	2.51	11.33	104.579	16.75	0.
7	24.12	0.539	4.88	22.02	170.598	27.32	0.
7	26.00	0.421	22.14	99.99	624.508	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:50:08 PM
Printed by: wet

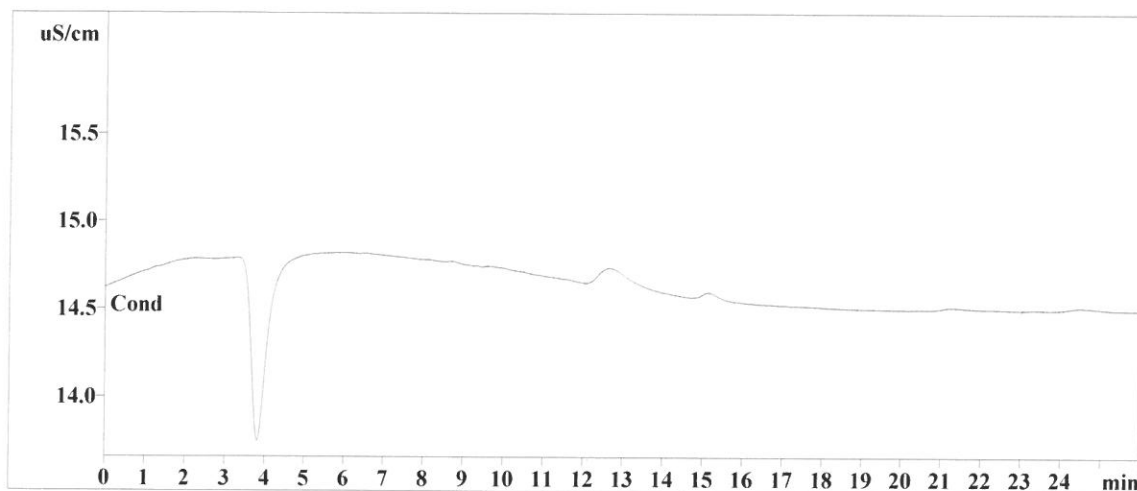
Ident: K2072-01
Analysis from: 3/22/2019 2:28:49 PM
File: _2019-03-22_

Last save: 3/22/2019 2:54:40 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66029

Last save: 3/21/2019 1:01:18 PM

SAMPLE:
: AK/AP
Vial number: 14
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: 3/25/2019 1:50:22 PM
Printed by: wet

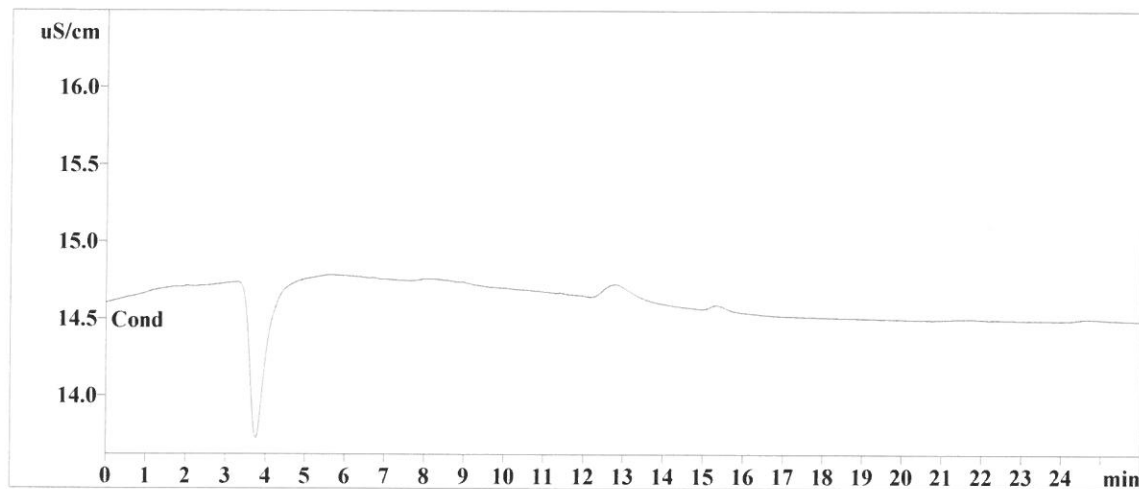
Ident: K2072-01DUP
Analysis from: 3/22/2019 2:57:45 PM
File: _2019-03-22_

Last save: 3/25/2019 1:50:22 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66030

Last save: 3/21/2019 1:01:18 PM

SAMPLE:
: AK/AP
Vial number: 15
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: 3/25/2019 1:50:35 PM
Printed by: wet

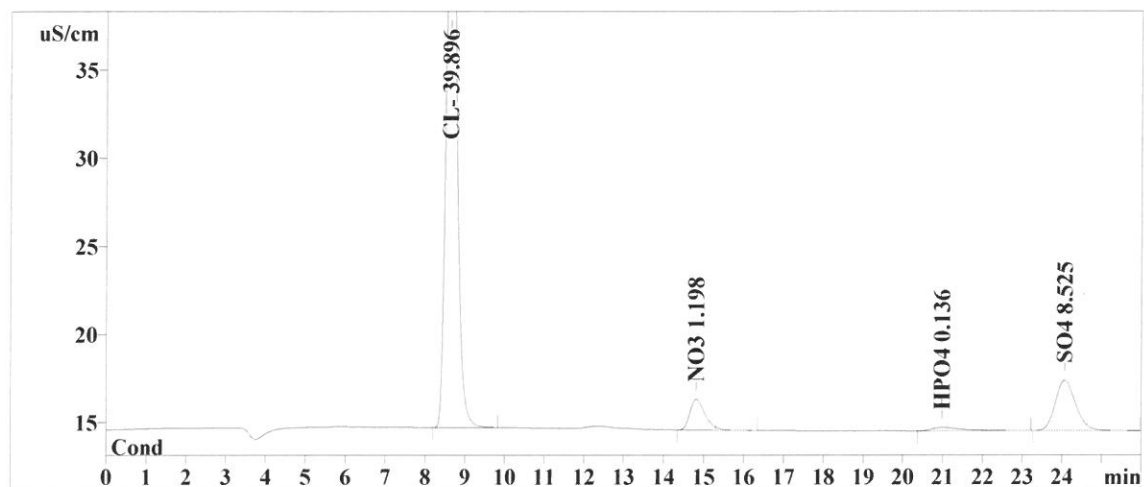
Ident: K2059-02
Analysis from: 3/22/2019 3:26:41 PM
File: _2019-03-22_

Last save: 3/22/2019 3:52:30 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66031

Last save: 3/21/2019 1:01:18 PM

SAMPLE:
: AK/AP
Vial number: 19
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	8.63	0.272	35.87	88.20	640.526	80.17	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	14.81	0.397	1.75	4.30	45.684	5.72	0.
6	20.99	0.689	0.20	0.48	9.932	1.24	0.
7	24.07	0.553	2.85	7.01	102.832	12.87	0.
7	26.00	0.273	40.66	100.00	798.974	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:50:45 PM
Printed by: wet

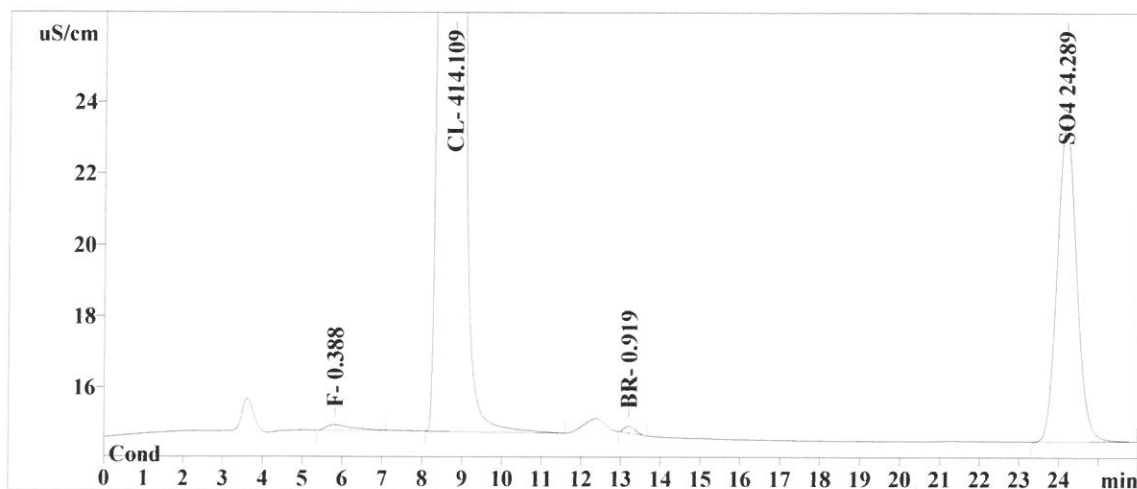
Ident: K2059-05
Analysis from: 3/22/2019 3:55:36 PM
File: _2019-03-22_

Last save: 3/22/2019 4:21:26 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66032

Last save: 3/21/2019 1:01:18 PM

SAMPLE:
: AK/AP
Vial number: 20
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	0.642	0.15	0.05	6.523	0.09	0.
2	8.79	0.380	284.07	96.84	6658.046	95.46	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.22	0.312	0.20	0.07	3.766	0.05	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	24.15	0.527	8.90	3.03	306.055	4.39	0.
7	26.00	0.266	293.31	99.99	6974.391	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:50:52 PM
Printed by: wet

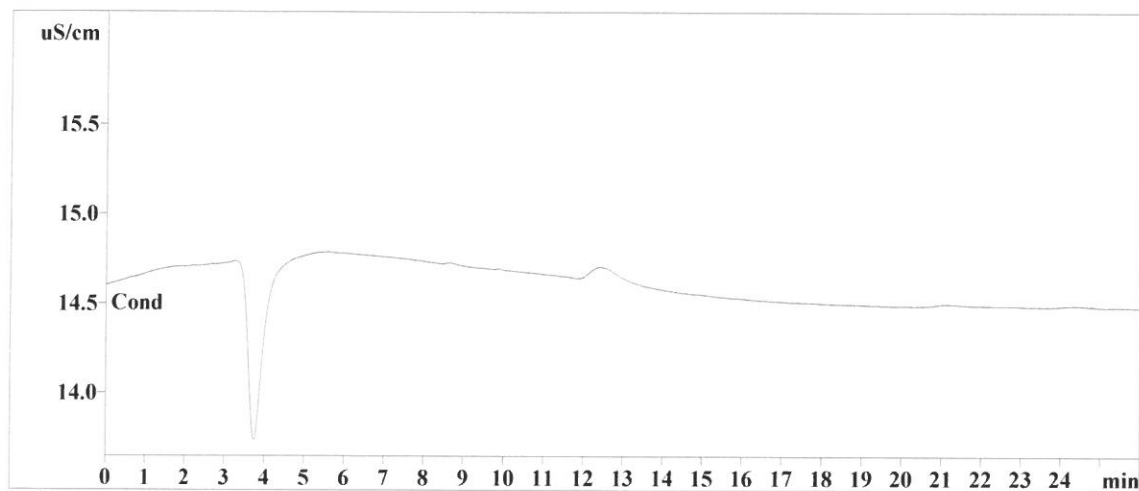
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Analysis from: 3/22/2019 4:24:32 PM
File: _2019-03-22_

Last save: 3/22/2019 4:50:22 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66033

Last save: 3/21/2019 1:01:18 PM

SAMPLE:
: AK/AP
Vial number: 21
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: 3/25/2019 1:51:01 PM
Printed by: wet

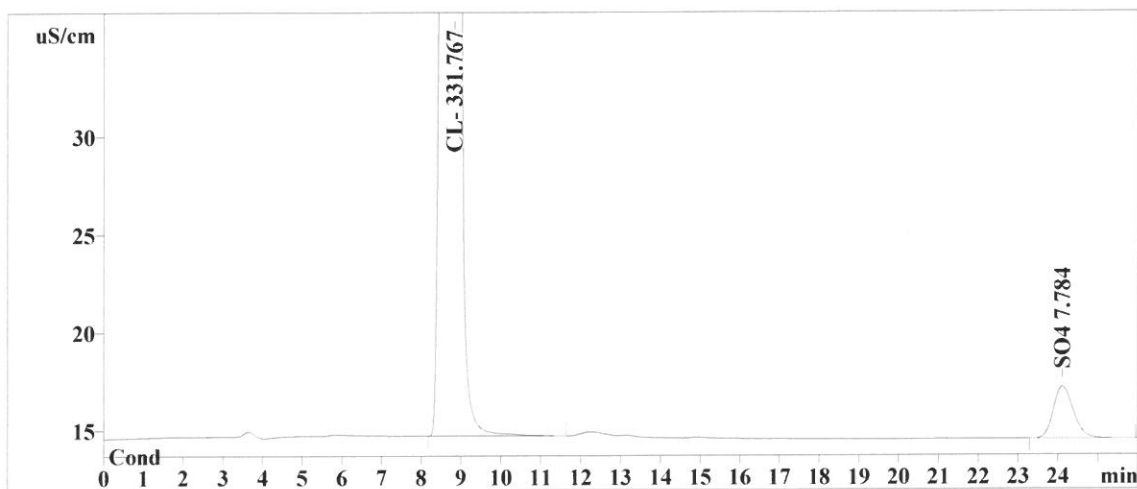
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Analysis from: 3/22/2019 4:53:28 PM
File: _2019-03-22_

Last save: 3/22/2019 5:19:18 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66034

Last save: 3/21/2019 1:01:18 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	8.82	0.333	258.03	98.96	5333.942	98.28	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	24.12	0.536	2.66	1.02	93.284	1.72	0.
7	26.00	0.124	260.70	99.98	5427.226	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:51:07 PM
Printed by: wet

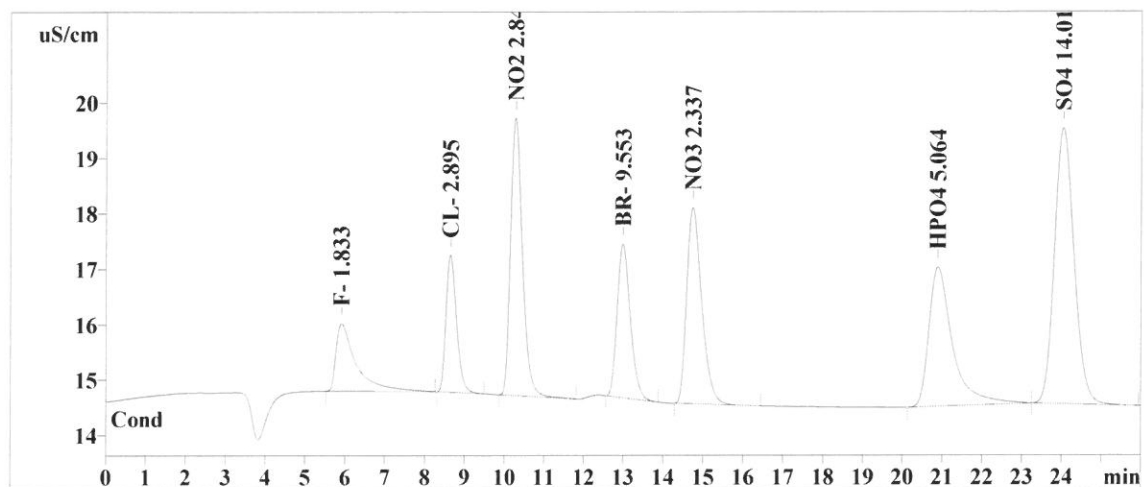
Ident: CCV
Analysis from: 3/22/2019 5:22:23 PM
File: _2019-03-22_

Last save: 3/22/2019 5:48:14 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66035

Last save: 3/21/2019 1:01:18 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	5.91	0.445	1.22	5.41	42.428	6.76	0.
2	8.64	0.282	2.47	10.97	45.521	7.25	0.
3	10.27	0.319	5.01	22.26	105.362	16.79	0.
4	12.99	0.361	2.77	12.32	64.994	10.36	0.
5	14.74	0.395	3.54	15.75	92.125	14.68	0.
6	20.89	0.569	2.51	11.17	103.544	16.50	0.
7	24.04	0.538	4.98	22.12	173.574	27.66	0.
7	26.00	0.416	22.49	99.99	627.548	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:51:15 PM
Printed by: wet

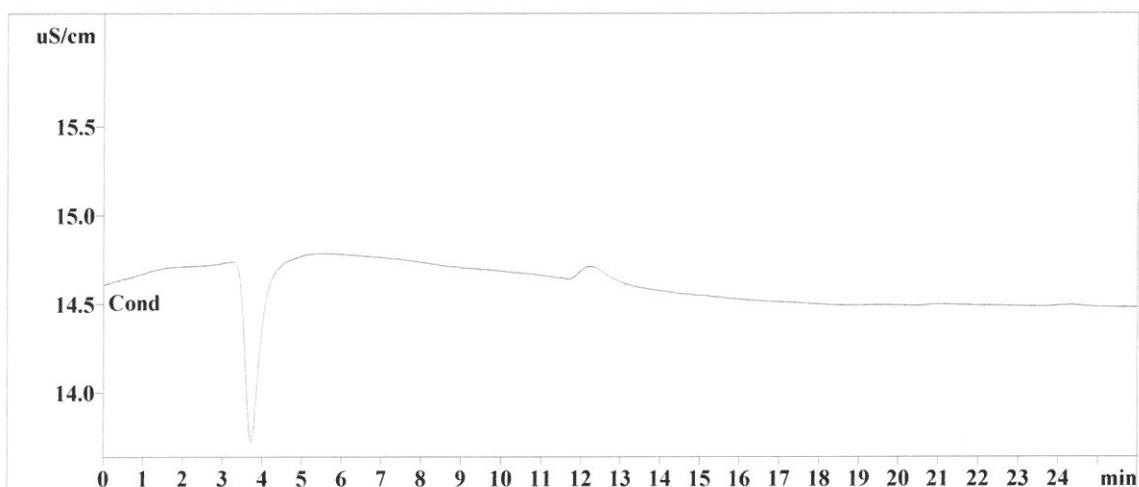
Ident: CCB
Analysis from: 3/22/2019 5:51:19 PM
File: _2019-03-22_

Last save: 3/22/2019 6:17:08 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66036

Last save: 3/21/2019 1:01:18 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: 3/25/2019 1:51:23 PM
Printed by: wet

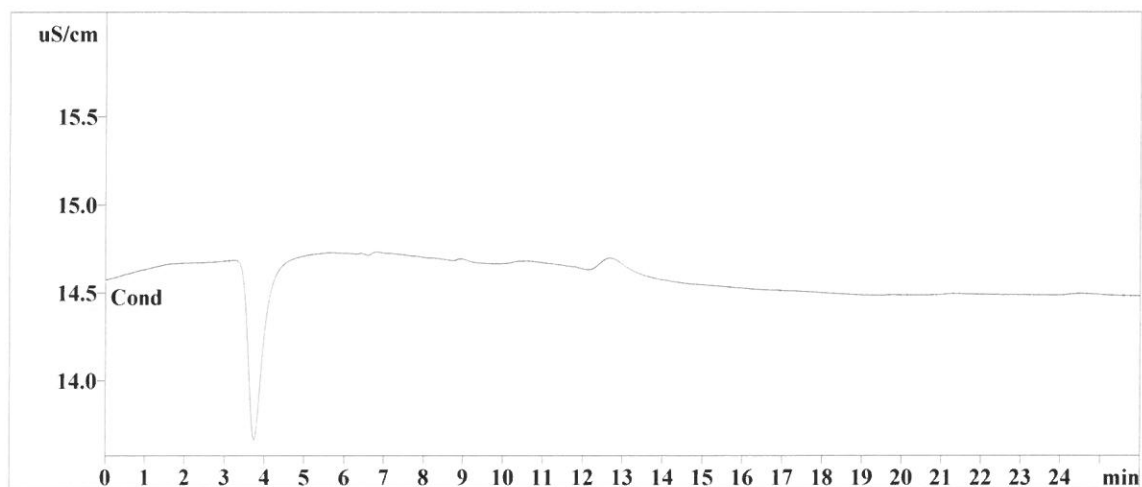
Ident: K2059-09
Analysis from: 3/22/2019 6:20:15 PM
File: _2019-03-22_

Last save: 3/22/2019 6:46:04 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66037

Last save: 3/21/2019 1:01:18 PM

SAMPLE:
: AK/AP
Vial number: 23
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: 3/25/2019 1:51:30 PM
Printed by: wet

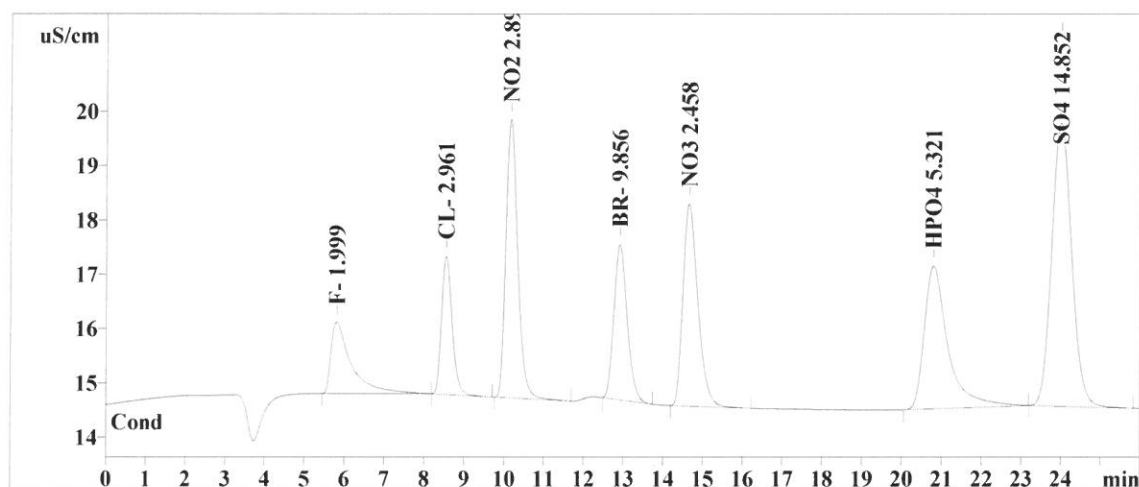
Ident: K2072-01MS
Analysis from: 3/22/2019 6:49:10 PM
File: _2019-03-22_

Last save: 3/22/2019 7:15:00 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66038

Last save: 3/21/2019 1:01:18 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	5.81	0.457	1.31	5.60	46.567	7.08	0.
2	8.54	0.280	2.54	10.85	46.598	7.09	0.
3	10.16	0.317	5.12	21.90	107.338	16.32	0.
4	12.91	0.362	2.86	12.20	67.144	10.21	0.
5	14.65	0.396	3.72	15.90	97.047	14.76	0.
6	20.78	0.567	2.63	11.24	108.425	16.49	0.
7	23.98	0.544	5.22	22.29	184.398	28.04	0.
7	26.00	0.417	23.40	99.99	657.518	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:51:36 PM
Printed by: wet

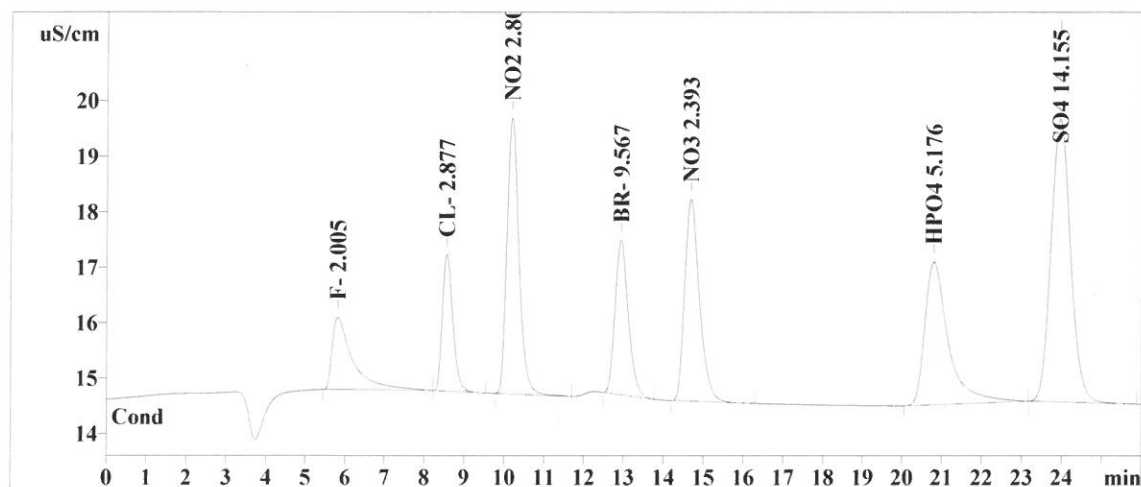
Ident: K2072-01MSD
Analysis from: 3/22/2019 7:18:06 PM
File: _2019-03-22_

Last save: 3/22/2019 7:43:56 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66039

Last save: 3/21/2019 1:01:18 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	5.82	0.455	1.30	5.71	46.707	7.34	0.
2	8.56	0.280	2.47	10.80	45.234	7.11	0.
3	10.18	0.317	4.97	21.76	104.056	16.35	0.
4	12.93	0.359	2.79	12.21	65.096	10.23	0.
5	14.67	0.393	3.64	15.93	94.419	14.83	0.
6	20.79	0.564	2.58	11.28	105.672	16.60	0.
7	23.94	0.530	5.09	22.30	175.419	27.56	0.
7	26.00	0.414	22.85	99.98	636.603	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:52:27 PM
Printed by: wet

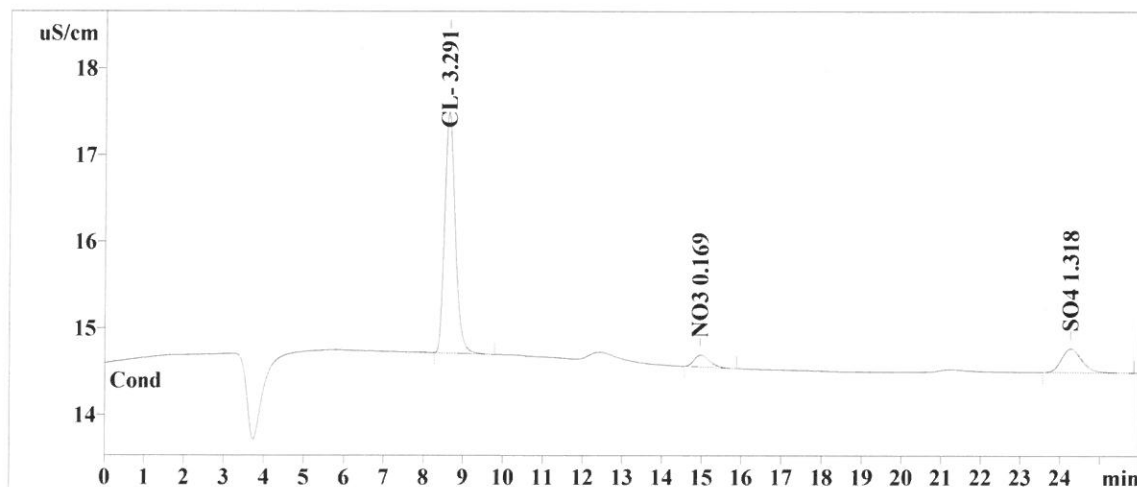
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Analysis from: 3/22/2019 7:47:01 PM
File: _2019-03-22_

Last save: 3/25/2019 1:51:54 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66040

Last save: 3/21/2019 1:01:18 PM

SAMPLE:
: AK/AP
Vial number: 26
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.62	0.283	2.78	87.03	51.889	79.13	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	14.97	0.419	0.14	4.31	3.754	5.72	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.27	0.549	0.27	8.58	9.932	15.15	0.
7	26.00	0.179	3.20	99.93	65.575	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:53:22 PM
Printed by: wet

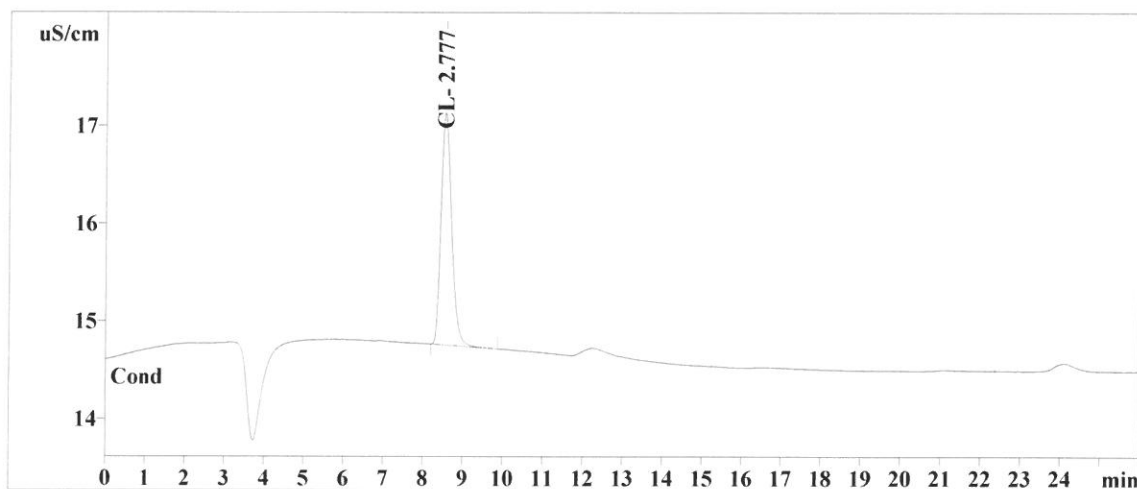
Ident: K2059-05DLX100
Analysis from: 3/22/2019 8:15:57 PM
File: _2019-03-22_

Last save: 3/25/2019 1:53:22 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66041

Last save: 3/21/2019 1:01:18 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	0.279	2.37	100.01	43.631	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	0.040	2.37	100.01	43.631	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:53:44 PM
Printed by: wet

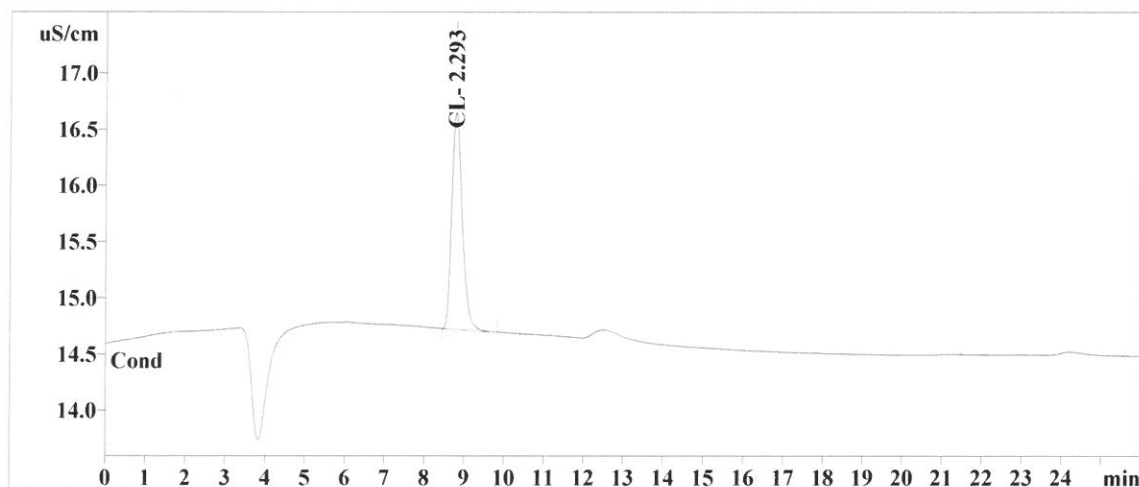
Ident: K2059-08DLX100
Analysis from: 3/22/2019 8:44:52 PM
File: _2019-03-22_

Last save: 3/25/2019 1:53:46 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66042

Last save: 3/21/2019 1:01:18 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	8.78	0.283	1.93	99.99	35.846	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	0.040	1.93	99.99	35.846	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/25/2019 1:53:51 PM
Printed by: wet

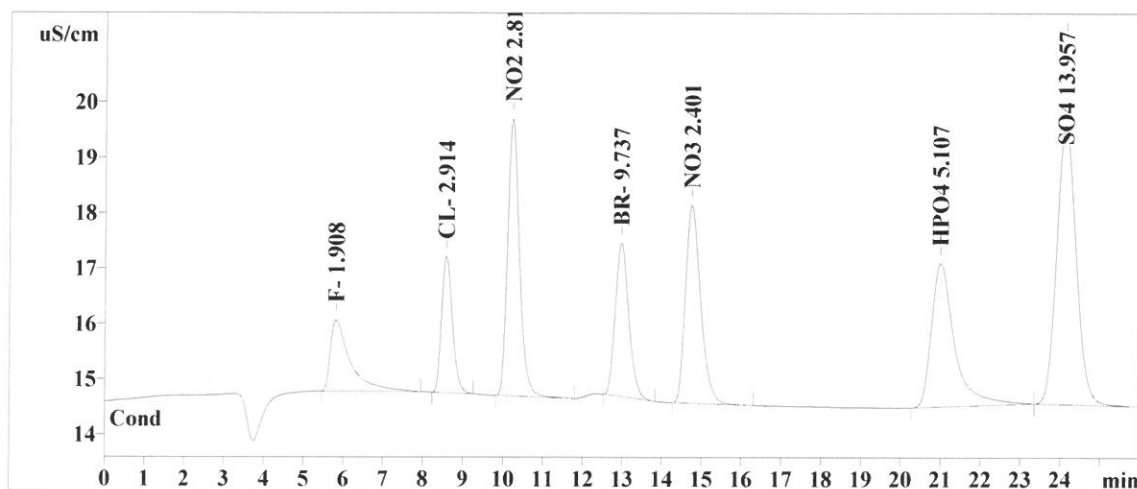
Ident: CCV
Analysis from: 3/22/2019 10:11:39 PM
File: _2019-03-22_

Last save: 3/22/2019 10:37:28 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66045

Last save: 3/21/2019 1:01:18 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	0.449	1.28	5.64	44.291	7.00	0.
2	8.57	0.285	2.47	10.86	45.827	7.24	0.
3	10.22	0.316	5.00	22.01	104.156	16.47	0.
4	12.96	0.369	2.77	12.20	66.303	10.48	0.
5	14.74	0.404	3.57	15.71	94.731	14.98	0.
6	20.98	0.556	2.59	11.40	104.363	16.50	0.
7	24.12	0.528	5.03	22.17	172.864	27.33	0.
7	26.00	0.415	22.70	99.99	632.535	100.00	0.

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METROHM LTD

Report date: 3/25/2019 1:53:58 PM
Printed by: wet

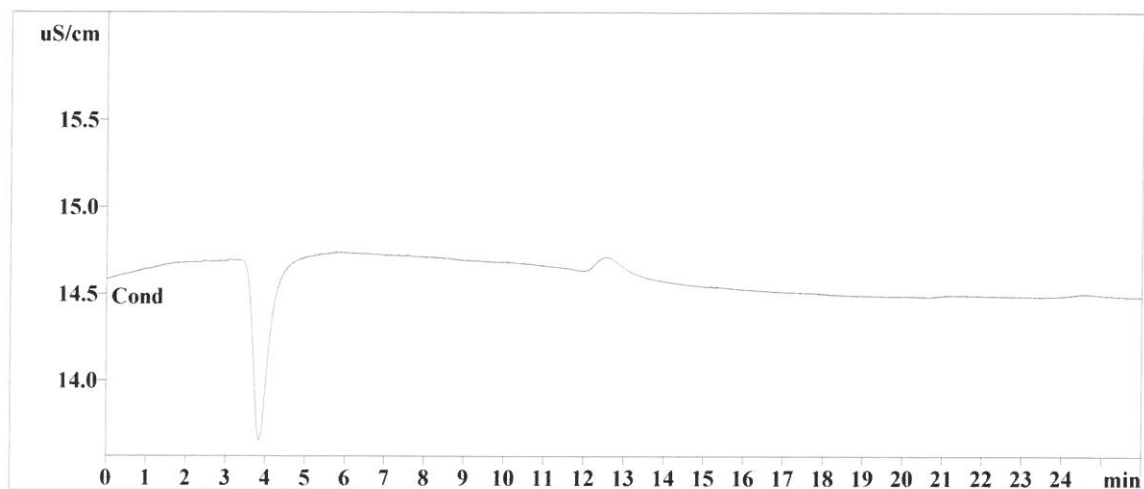
Ident: CCB
Analysis from: 3/22/2019 10:40:34 PM
File: _2019-03-22_

Last save: 3/22/2019 11:06:24 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 66046

Last save: 3/21/2019 1:01:18 PM

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



Quantitation method: Custom

No peaks

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