

Clear table

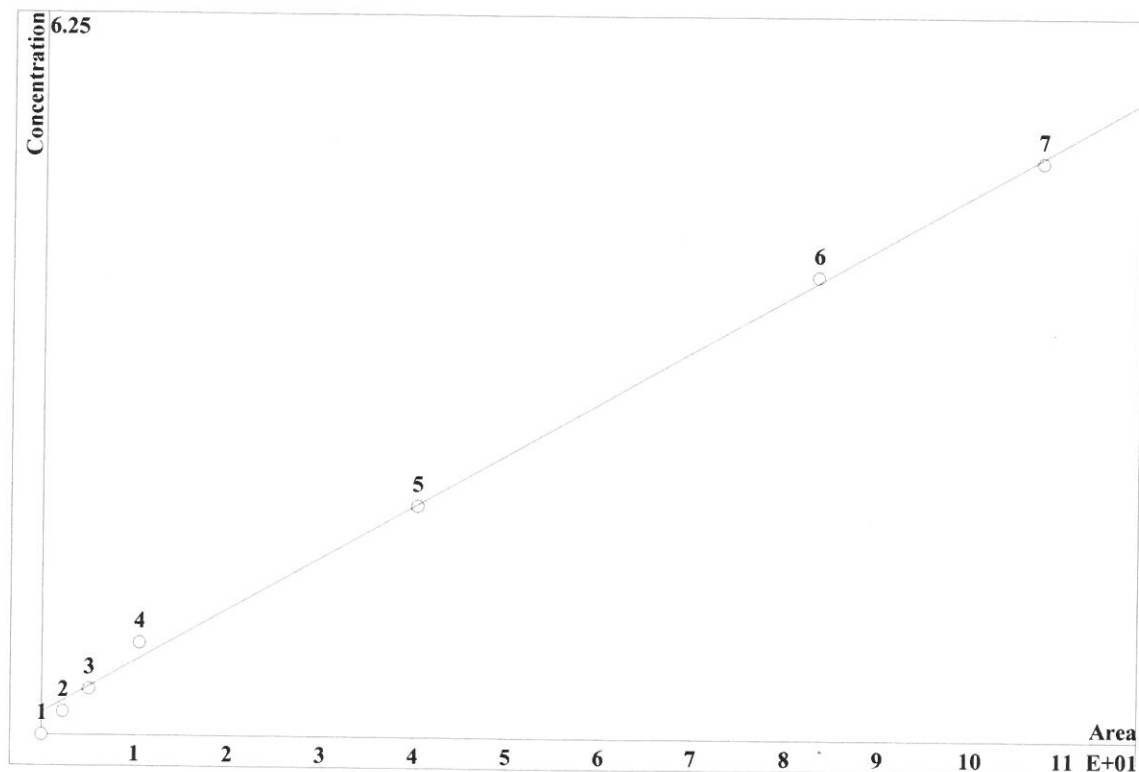
IC-1 300.0
07-02-19 AP

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	_2019-06-17_	6/17/19 10:22		AK/AP
STD2	0.2990	0.3950	0.3810	1.2920	0.3300	0.1610	2.0770	_2019-06-17_	6/17/19 10:53		AK/AP
STD3	0.4250	0.6270	0.6380	2.1660	0.5540	1.0150	3.3330	_2019-06-17_	6/17/19 11:26		AK/AP
STD4	0.6690	1.2220	1.2210	4.0120	1.0030	2.2950	5.9980	_2019-06-17_	6/17/19 11:58		AK/AP
STD5	2.0150	2.8390	2.8330	9.4730	2.3410	5.1620	13.9470	_2019-06-17_	6/17/19 12:29		AK/AP
STD6	3.9530	5.8620	5.8940	19.5450	4.8850	9.9250	29.2520	_2019-06-17_	6/17/19 13:00		AK/AP
STD7	5.0410	7.6550	7.6330	25.5140	6.3870	12.4410	38.3920	_2019-06-17_	6/17/19 13:32		AK/AP
ICV	2.0170	2.8740	2.8480	9.4790	2.3800	5.0760	14.0870	_2019-06-17_	6/17/19 14:07		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-06-17_	6/17/19 14:47		AK/AP
CCV	2.1920	3.1260	2.9970	9.8830	2.4410	4.4250	14.8790	_2019-07-01_	7/1/19 8:59		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-01_	7/1/19 9:35		AK/AP
LB103735BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-01_	7/1/19 10:06		AK/AP
LB103735BSW	2.0590	2.9330	2.8620	9.5630	2.3360	4.4300	13.9040	_2019-07-01_	7/1/19 10:37		AK/AP
K3619-01	0.0000	0.3430	0.0000	0.0000	0.1580	0.0000	0.7100	_2019-07-01_	7/1/19 11:55		AK/AP
K3619-01DUP	0.0000	0.3830	0.0000	0.0000	0.1460	0.0000	0.6700	_2019-07-01_	7/1/19 12:26		AK/AP
K3619-01MS	2.0560	3.1660	2.8860	9.7230	2.5250	4.7910	15.0440	_2019-07-01_	7/1/19 12:57		AK/AP
K3619-01MSD	2.1780	3.2920	2.9940	9.9040	2.5700	4.9610	15.2630	_2019-07-01_	7/1/19 13:29		AK/AP
K3611-01	0.7150	705.5550	0.0000	1.7150	0.3700	0.7130	71.3630	_2019-07-01_	7/1/19 14:00		AK/AP
K3605-01	0.4700	653.9500	0.0000	1.8530	0.0000	2.7630	517.8670	_2019-07-01_	7/1/19 14:32		AK/AP
K3605-02	0.6850	531.4670	0.0000	1.5970	0.0000	1.6910	138.3020	_2019-07-01_	7/1/19 15:03		AK/AP
CCV	2.0370	3.0160	2.9520	9.7260	2.4350	4.7560	14.6880	_2019-07-01_	7/1/19 16:06		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-01_	7/1/19 16:37		AK/AP
K3605-01DLX20	0.0000	26.2240	0.0000	0.0000	0.0000	0.0000	19.1970	_2019-07-01_	7/1/19 17:40		AK/AP
K3605-02DLX5	0.0000	100.4080	0.0000	0.0000	0.0000	0.0000	23.5990	_2019-07-01_	7/1/19 18:11		AK/AP
CCV	1.7160	3.0080	2.9440	9.8670	2.4380	4.7390	14.7300	_2019-07-01_	7/1/19 18:43		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-07-01_	7/1/19 19:14		AK/AP

CALIBRATION OF COMPONENT F-

IC-1 06/17/19
AL

Method: ANIONS 06-17-19.mtw
Equation: $Q = 0.903466 \cdot A + 3.87483$
RSD: 4.308 %
Correlation coefficient: 0.999216



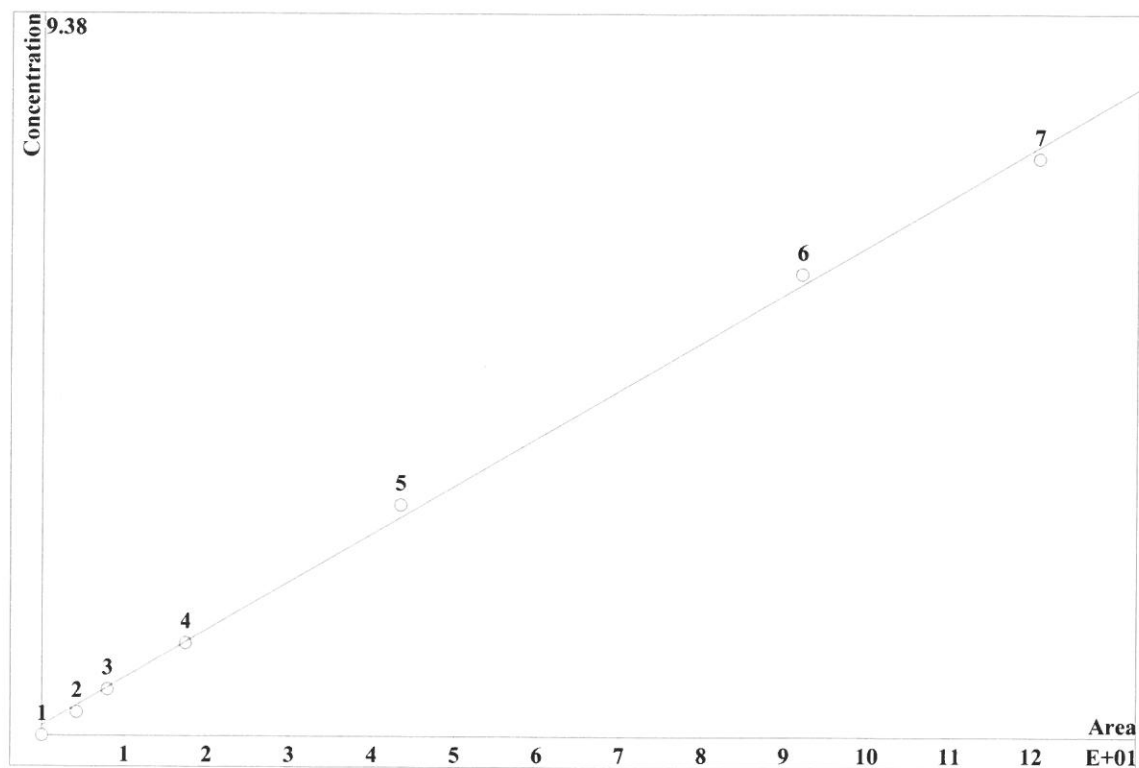
K3 = 0 K2 = 0 K1 = 0.903466 K0 = 3.87483

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	0.07847	2.322	0.2	20	5.998		Yes
3	0.1781	5.111	0.4	20	5.998		Yes
4	0.36	10.51	0.8	20	5.998		Yes
5	0.9592	40.31	2	20	5.998		Yes
6	2.191	83.21	4	20	5.998		Yes
7	2.724	107.3	5	20	5.998		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 1.24598 \cdot A + 2.65128$
 RSD: 4.541 %
 Correlation coefficient: 0.999128



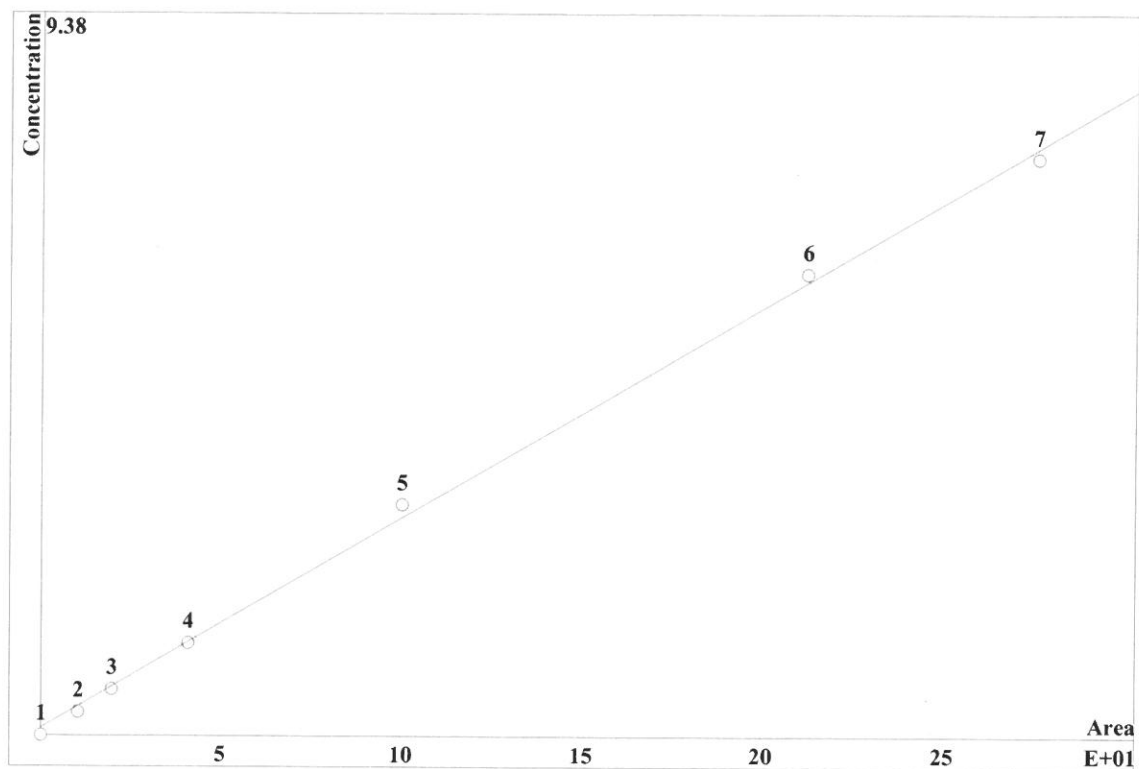
K3 = 0 K2 = 0 K1 = 1.24598 K0 = 2.65128

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	0.3467	4.213	0.3	20	9.288		Yes
3	0.6991	7.943	0.6	20	9.288		Yes
4	1.454	17.49	1.2	20	9.288		Yes
5	3.708	43.44	3	20	9.288		Yes
6	8.012	91.97	6	20	9.288		Yes
7	10.56	120.7	7.5	20	9.288		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 0.545669 \cdot A + 1.97461$
 RSD: 4.111 %
 Correlation coefficient: 0.999285

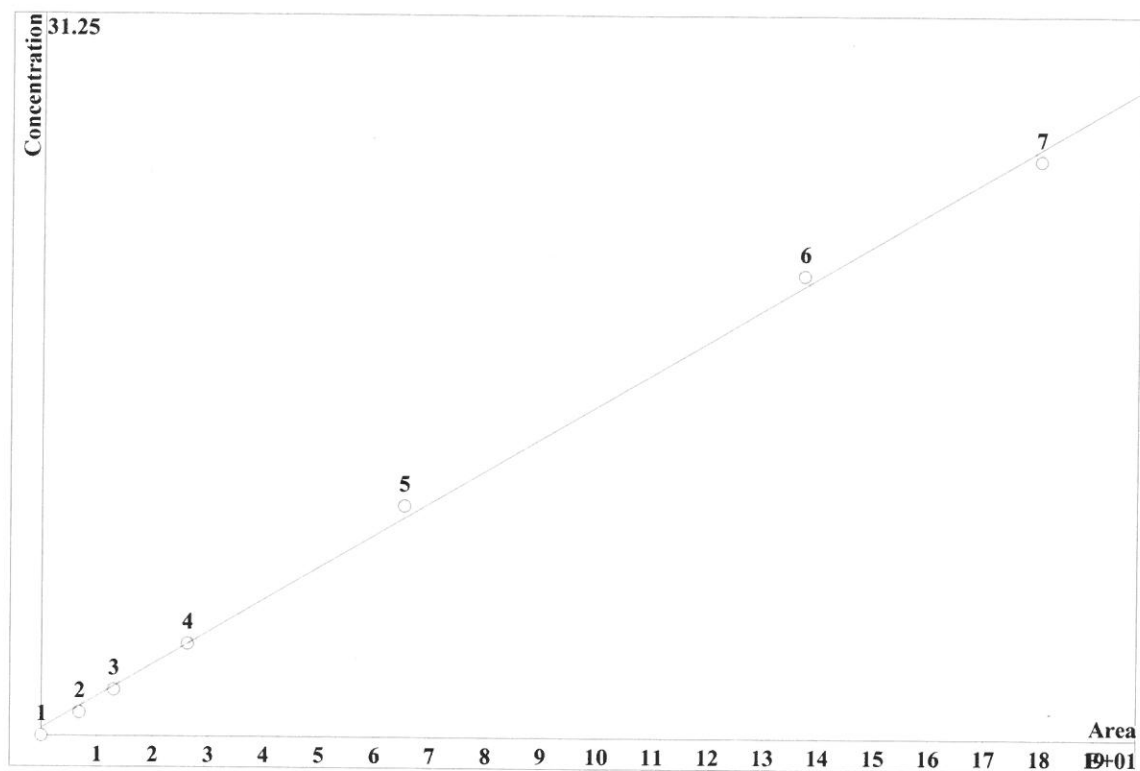


K3 = 0 K2 = 0 K1 = 0.545669 K0 = 1.97461
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.7002	10.33	0.3	20	11.29		Yes
3	1.37	19.77	0.6	20	11.29		Yes
4	2.751	41.12	1.2	20	11.29		Yes
5	6.742	100.2	3	20	11.29		Yes
6	13.73	212.4	6	20	11.29		Yes
7	17.47	276.1	7.5	20	11.29		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 2.80363 \cdot A + 6.67453$
 RSD: 4.493 %
 Correlation coefficient: 0.999147



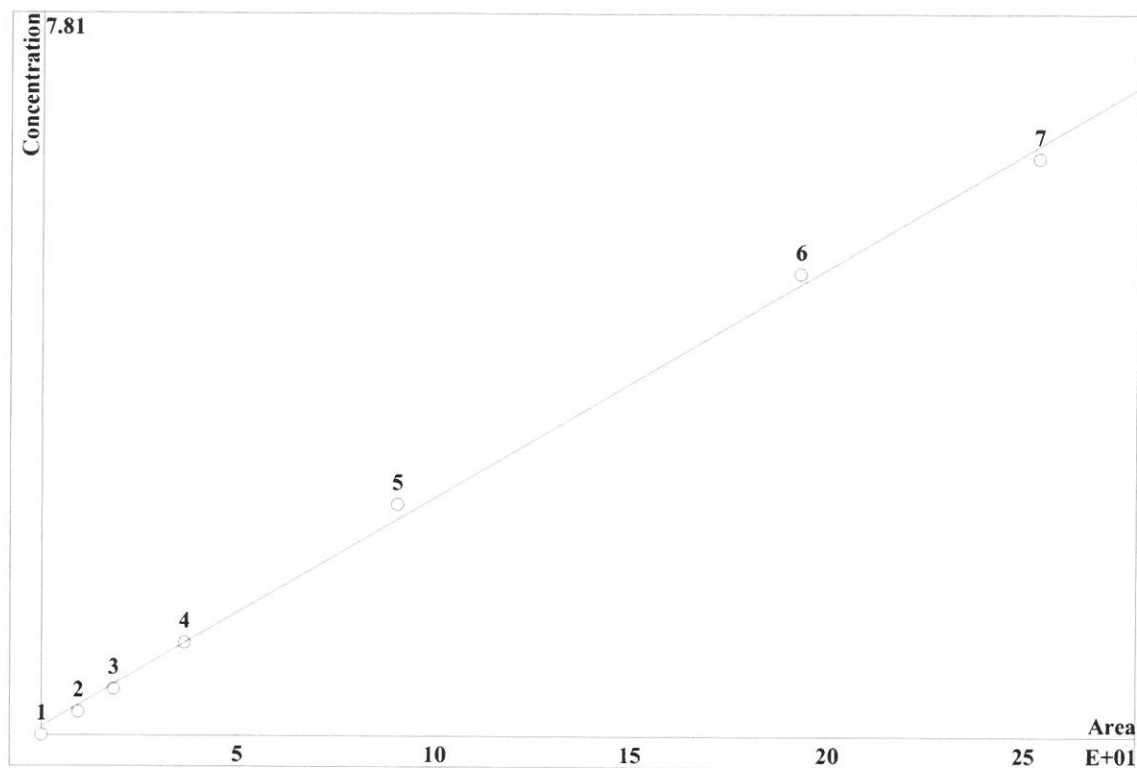
K3 = 0 K2 = 0 K1 = 2.80363 K0 = 6.67453

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	0.3716	6.833	1	20	14.64			Yes
3	0.7269	13.07	2	20	14.64			Yes
4	1.475	26.24	4	20	14.64			Yes
5	3.735	65.19	10	20	14.64			Yes
6	8.043	137	20	20	14.64			Yes
7	10.58	179.6	25	20	14.64			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 0.496829 \cdot A + 1.87699$
 RSD: 5.001 %
 Correlation coefficient: 0.998943



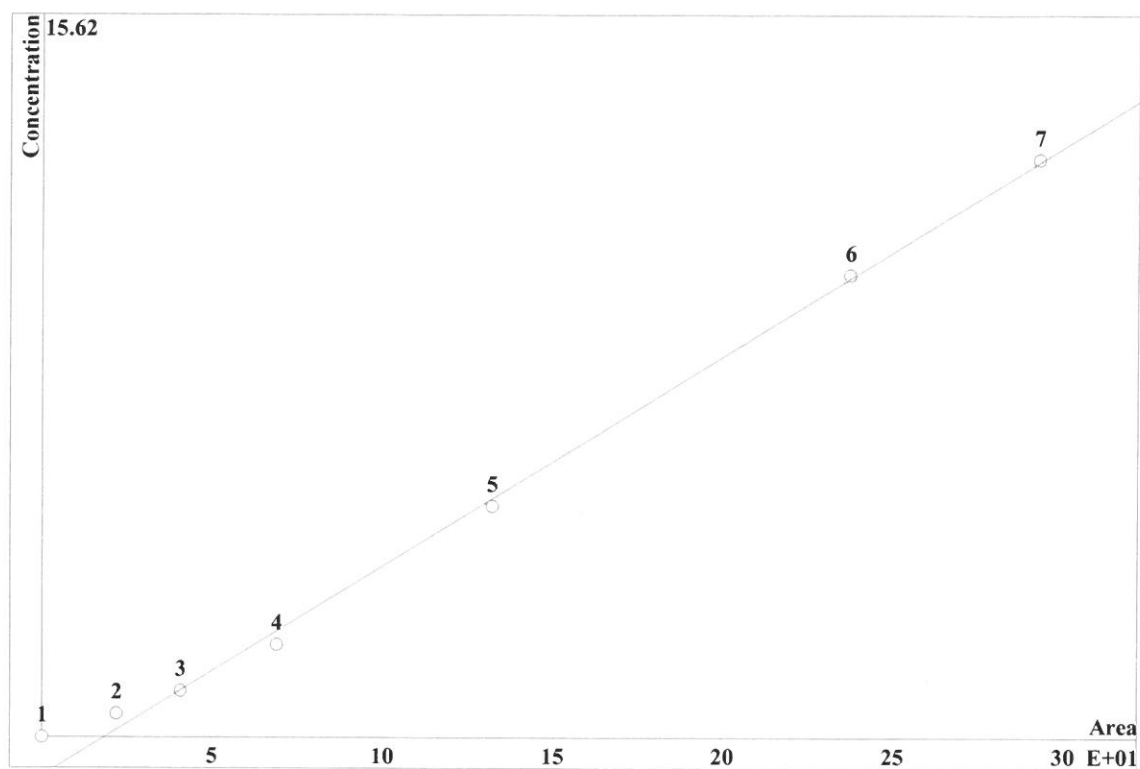
K3 = 0 K2 = 0 K1 = 0.496829 K0 = 1.87699

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	0.4354	9.498	0.25	20	17.05	Yes	
3	0.8517	18.53	0.5	20	17.05	Yes	
4	1.716	36.61	1	20	17.05	Yes	
5	4.283	90.45	2.5	20	17.05	Yes	
6	9.172	192.9	5	20	17.05	Yes	
7	12.11	253.3	6.25	20	17.05	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 0.907612 \cdot A - 16.6848$
 RSD: 4.718 %
 Correlation coefficient: 0.999059



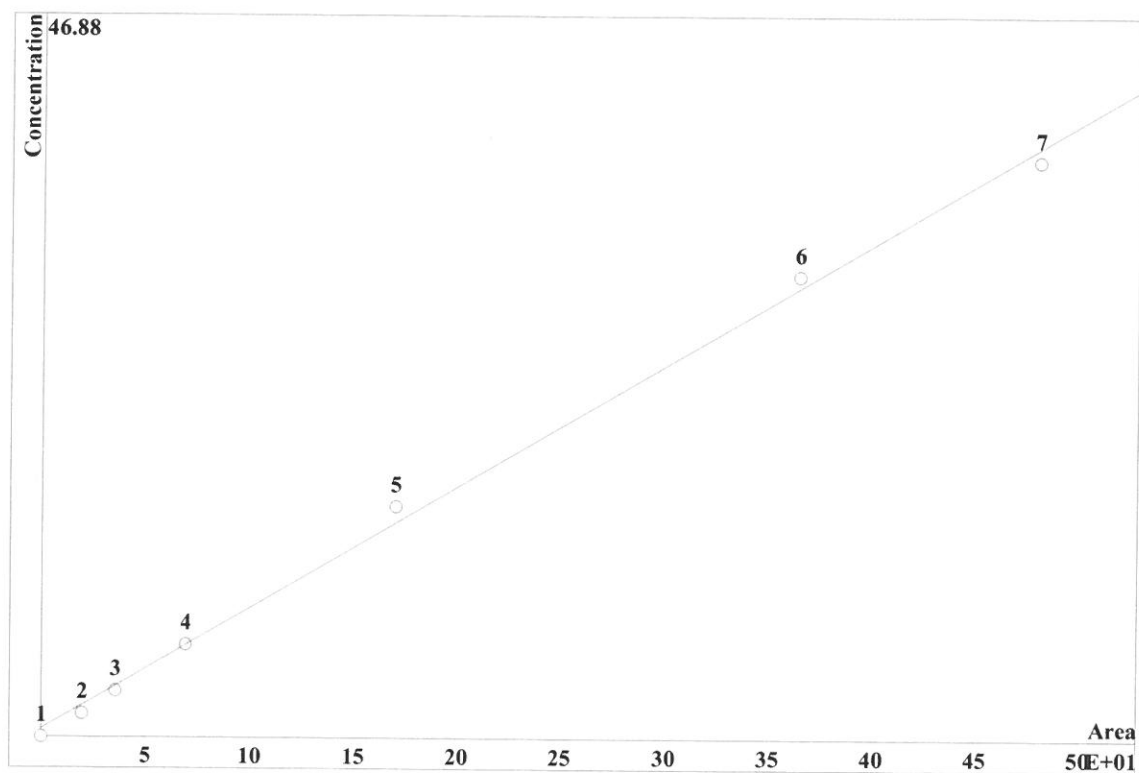
K3 = 0 K2 = 0 K1 = 0.907612 K0 = -16.6848

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	0.5559	21.93	0.5	20	23.3		Yes
3	1.069	40.75	1	20	23.3		Yes
4	1.863	68.96	2	20	23.3		Yes
5	3.747	132.1	5	20	23.3		Yes
6	7.024	237.1	10	20	23.3		Yes
7	8.849	292.5	12.5	20	23.3		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 1.57764 \cdot A + 10.6132$
 RSD: 5.500 %
 Correlation coefficient: 0.998721



K3 = 0 K2 = 0 K1 = 1.57764 K0 = 10.6132
 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	0.6685	19.61	1.5	20	27.39		Yes
3	1.25	35.53	3	20	27.39		Yes
4	2.471	69.31	6	20	27.39		Yes
5	6.168	170.1	15	20	27.39		Yes
6	13.22	364.1	30	20	27.39		Yes
7	17.35	480	37.5	20	27.39		Yes

Report date: 6/18/2019 1:17:10 PM
Printed by: wet

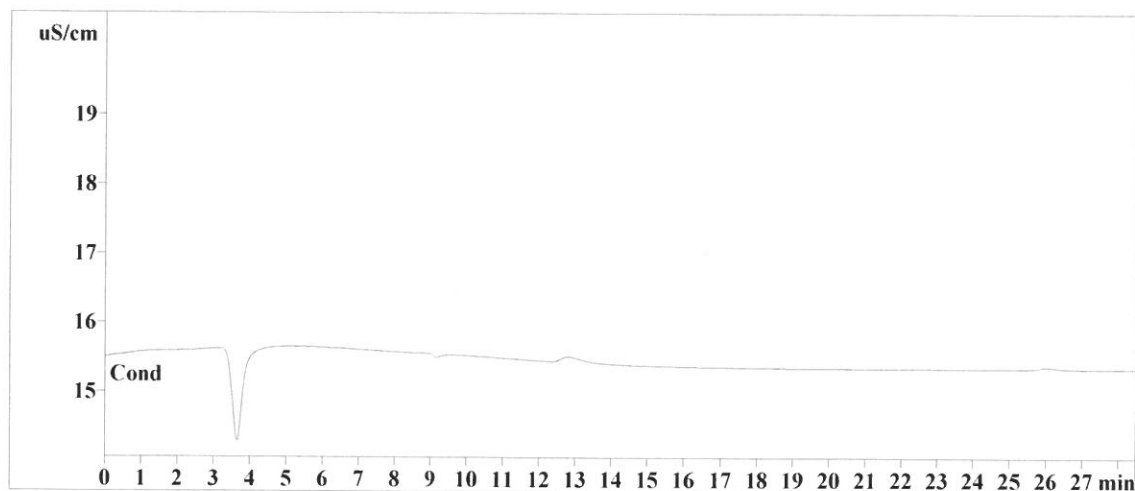
Ident: STD1
Analysis from: 6/17/2019 10:22:07 AM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67438

Last save: 6/17/2019 12:26:22 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
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Report date: 6/18/2019 1:17:19 PM
Printed by: wet

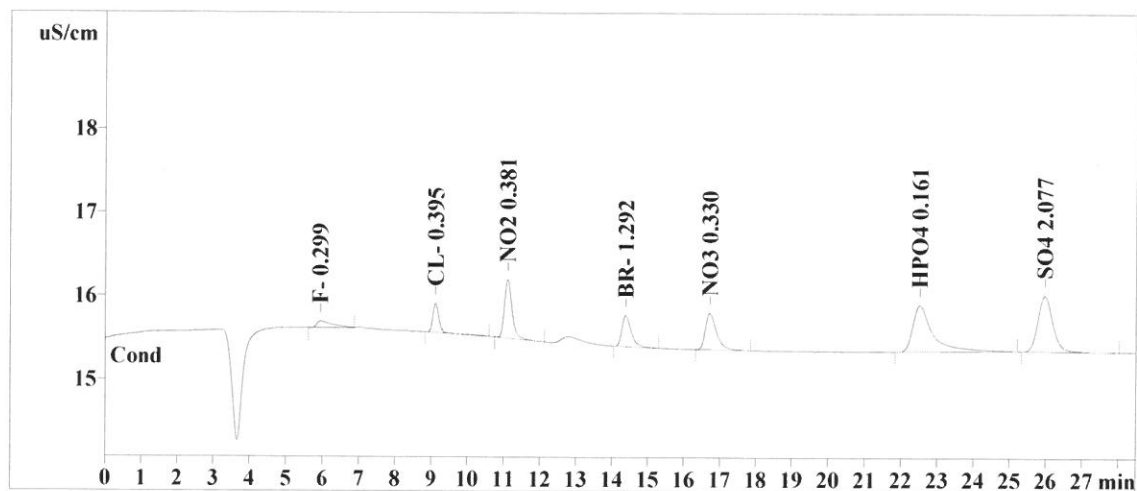
Ident: STD2
Analysis from: 6/17/2019 10:53:32 AM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67439

Last save: 6/17/2019 12:26:22 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	5.94	0.453	0.08	2.47	2.322	3.11	0.
2	9.11	0.172	0.35	10.96	4.213	5.64	0.
3	11.09	0.217	0.70	22.16	10.328	13.82	0.
4	14.38	0.271	0.37	11.77	6.833	9.14	0.
5	16.71	0.319	0.44	13.79	9.498	12.71	0.
6	22.51	0.493	0.55	17.58	21.935	29.35	0.
7	25.97	0.439	0.67	21.13	19.607	26.24	0.
7	28.50	0.338	3.15	99.85	74.734	100.00	0.

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Report date: 6/18/2019 1:17:33 PM
Printed by: wet

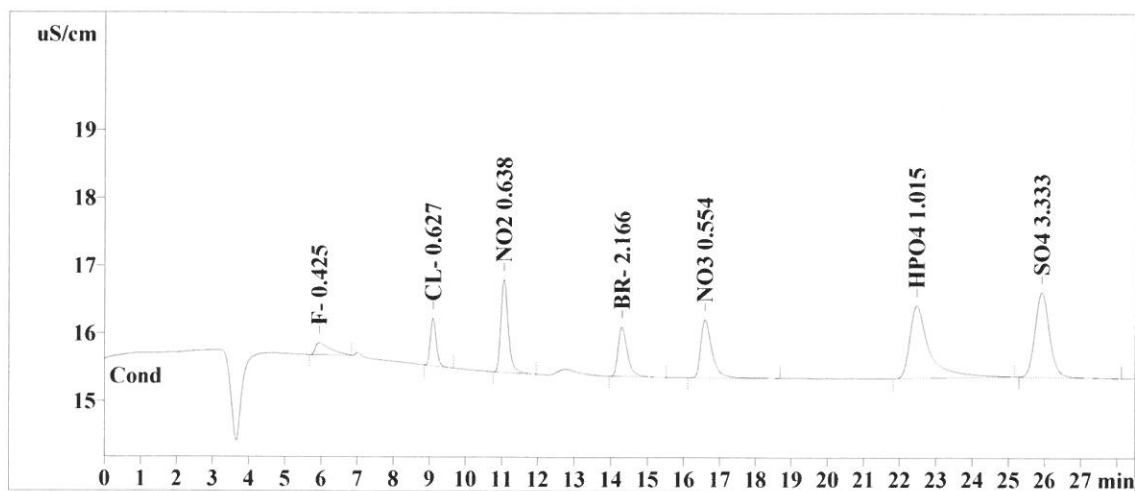
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Analysis from: 6/17/2019 11:26:38 AM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67440

Last save: 6/17/2019 12:26:22 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	5.94	0.436	0.18	2.89	5.111	3.63	0.
2	9.10	0.172	0.70	11.38	7.943	5.65	0.
3	11.05	0.212	1.37	22.30	19.770	14.05	0.
4	14.29	0.266	0.73	11.81	13.068	9.29	0.
5	16.58	0.313	0.85	13.85	18.532	13.17	0.
6	22.46	0.481	1.07	17.39	40.748	28.96	0.
7	25.91	0.428	1.25	20.33	35.526	25.25	0.
7	28.50	0.330	6.14	99.96	140.698	100.00	0.

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Report date: 6/18/2019 1:17:42 PM
Printed by: wet

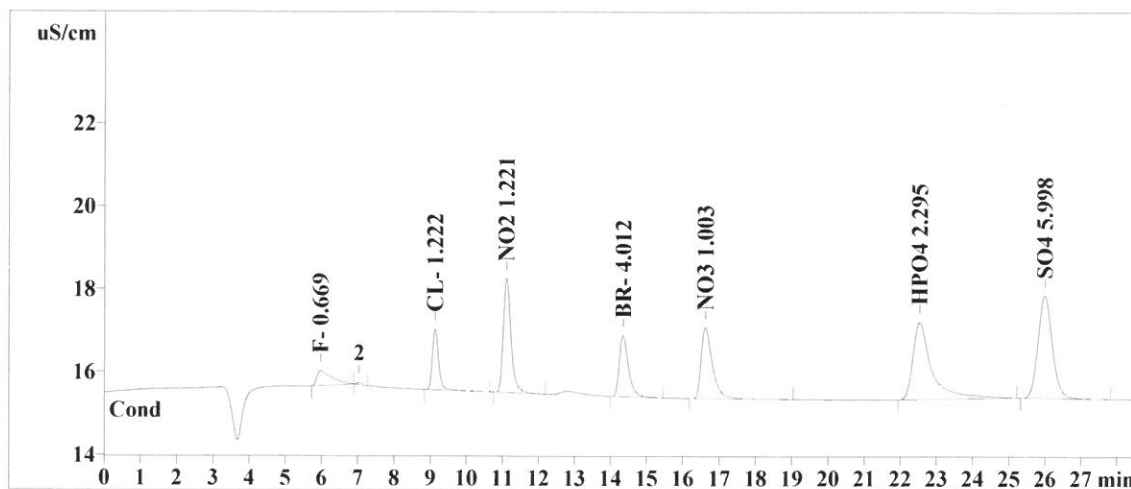
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Analysis from: 6/17/2019 11:58:02 AM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67441

Last save: 6/17/2019 12:26:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.97	0.441	0.36	2.96	10.514	3.88	0.
2	9.13	0.176	1.45	11.98	17.489	6.46	0.
3	11.09	0.219	2.75	22.65	41.124	15.19	0.
4	14.34	0.262	1.47	12.14	26.236	9.69	0.
5	16.61	0.310	1.72	14.13	36.613	13.52	0.
6	22.52	0.467	1.86	15.35	68.962	25.47	0.
7	25.98	0.425	2.47	20.35	69.308	25.60	0.
7	28.50	0.329	12.09	99.57	270.244	99.82	0.

This report has been created by IC Net
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Report date: 6/18/2019 1:17:50 PM
Printed by: wet

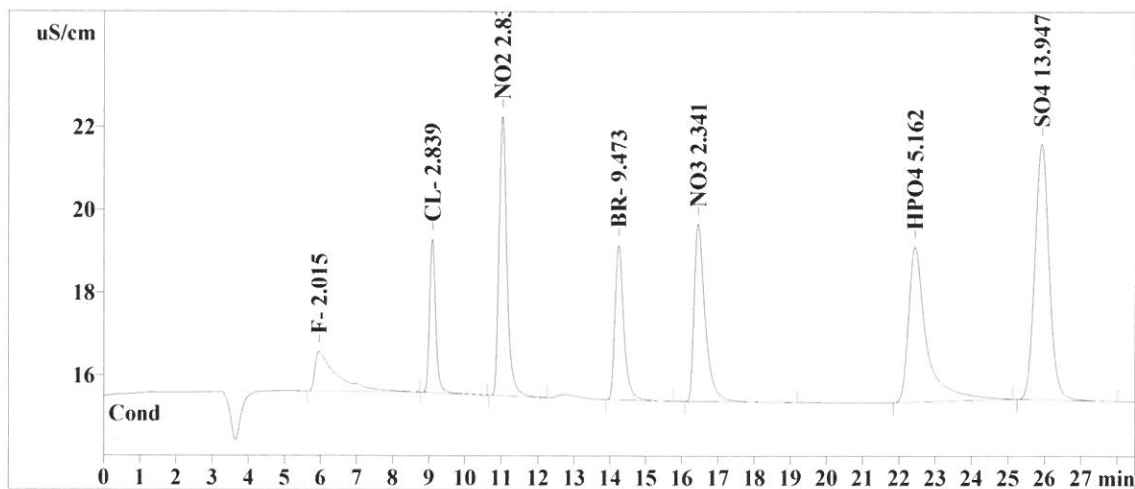
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File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67442

Last save: 6/17/2019 12:26:22 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	5.96	0.517	0.96	3.27	40.308	6.28	0.
2	9.08	0.172	3.71	12.64	43.435	6.77	0.
3	11.00	0.217	6.74	22.98	100.232	15.62	0.
4	14.22	0.257	3.73	12.73	65.194	10.16	0.
5	16.43	0.305	4.28	14.60	90.449	14.09	0.
6	22.43	0.448	3.75	12.77	132.142	20.59	0.
7	25.90	0.418	6.17	21.02	170.085	26.50	0.
7	28.50	0.333	29.34	100.00	641.845	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2019 1:17:58 PM
Printed by: wet

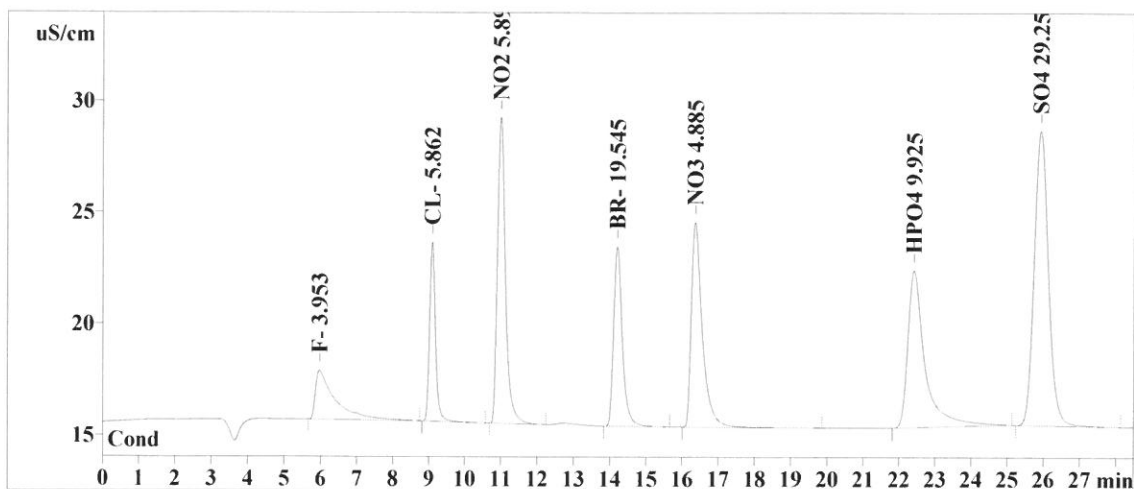
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Analysis from: 6/17/2019 1:00:51 PM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67443

Last save: 6/17/2019 12:26:22 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	5.97	0.470	2.19	3.57	83.211	6.31	0.
2	9.09	0.168	8.01	13.05	91.970	6.97	0.
3	10.98	0.227	13.73	22.36	212.420	16.11	0.
4	14.20	0.251	8.04	13.10	137.042	10.39	0.
5	16.35	0.301	9.17	14.94	192.861	14.62	0.
6	22.41	0.438	7.02	11.44	237.092	17.98	0.
7	25.91	0.418	13.22	21.54	364.111	27.61	0.
7	28.50	0.325	61.39	100.00	1318.708	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2019 1:18:06 PM
Printed by: wet

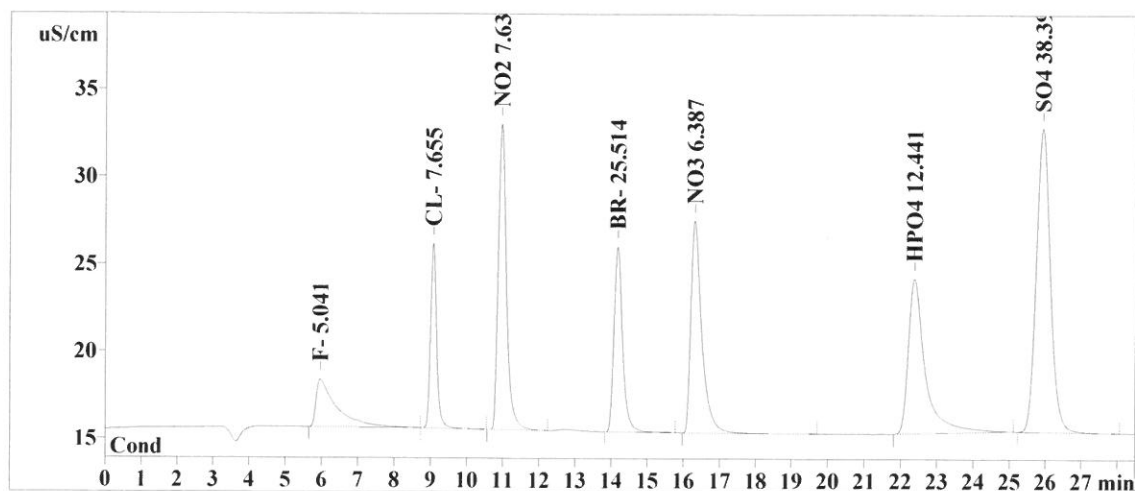
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Analysis from: 6/17/2019 1:32:15 PM
File: _2019-06-17_

Last save: 6/17/2019 2:43:46 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67444

Last save: 6/17/2019 12:26:22 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	5.96	0.502	2.72	3.42	107.299	6.28	0.
2	9.06	0.168	10.56	13.25	120.743	7.06	0.
3	10.94	0.232	17.47	21.94	276.147	16.15	0.
4	14.17	0.250	10.58	13.28	179.626	10.51	0.
5	16.29	0.299	12.11	15.21	253.338	14.82	0.
6	22.37	0.431	8.85	11.11	292.531	17.11	0.
7	25.90	0.420	17.35	21.79	479.979	28.07	0.
7	28.50	0.329	79.64	100.00	1709.662	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2019 1:18:14 PM
 Printed by: wet

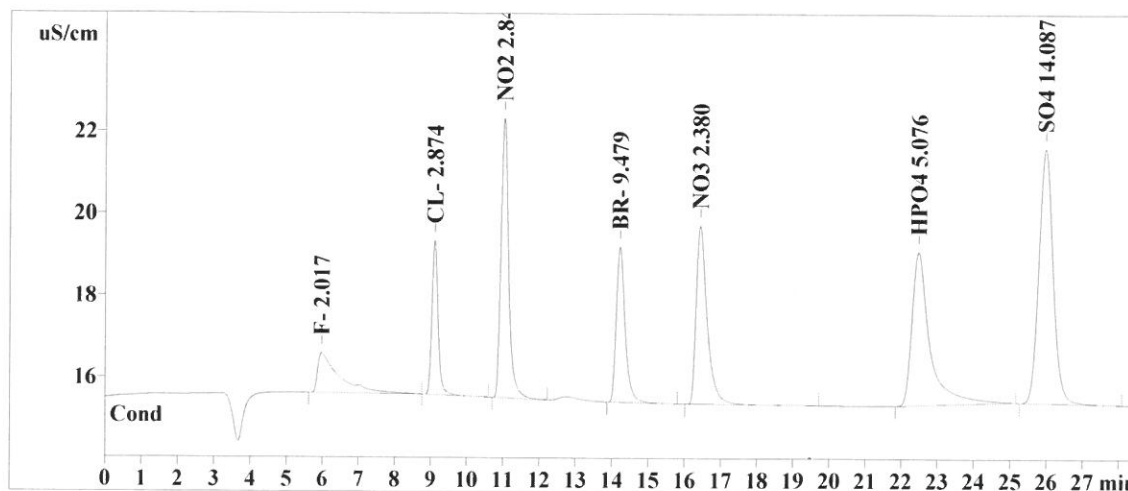
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 File: _2019-06-17_

Last save: 6/17/2019 2:44:16 PM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67445

Last save: 6/17/2019 12:26:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.97	0.511	0.97	3.28	40.366	6.26	0.
2	9.10	0.172	3.75	12.66	43.999	6.83	0.
3	11.00	0.216	6.82	23.02	100.753	15.63	0.
4	14.21	0.254	3.78	12.77	65.241	10.12	0.
5	16.41	0.304	4.35	14.68	92.020	14.28	0.
6	22.46	0.444	3.74	12.62	130.231	20.21	0.
7	25.95	0.419	6.20	20.95	171.857	26.67	0.
7	28.50	0.332	29.60	100.00	644.465	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/18/2019 1:18:49 PM
Printed by: wet

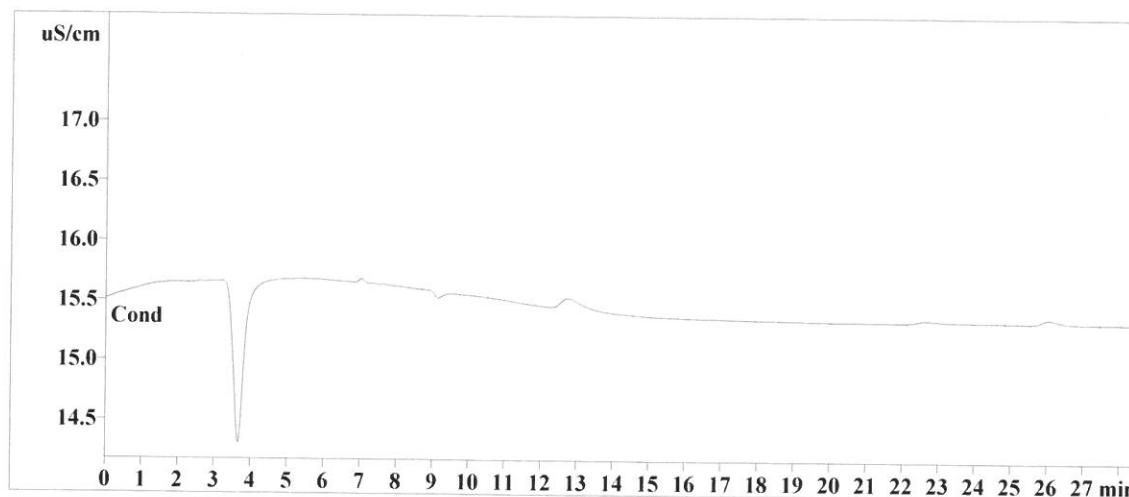
Ident: ICB
Analysis from: 6/17/2019 2:47:35 PM
File: _2019-06-17_

Last save: 6/18/2019 1:18:50 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67446

Last save: 6/17/2019 2:43:48 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:13:19 AM
Printed by: wet

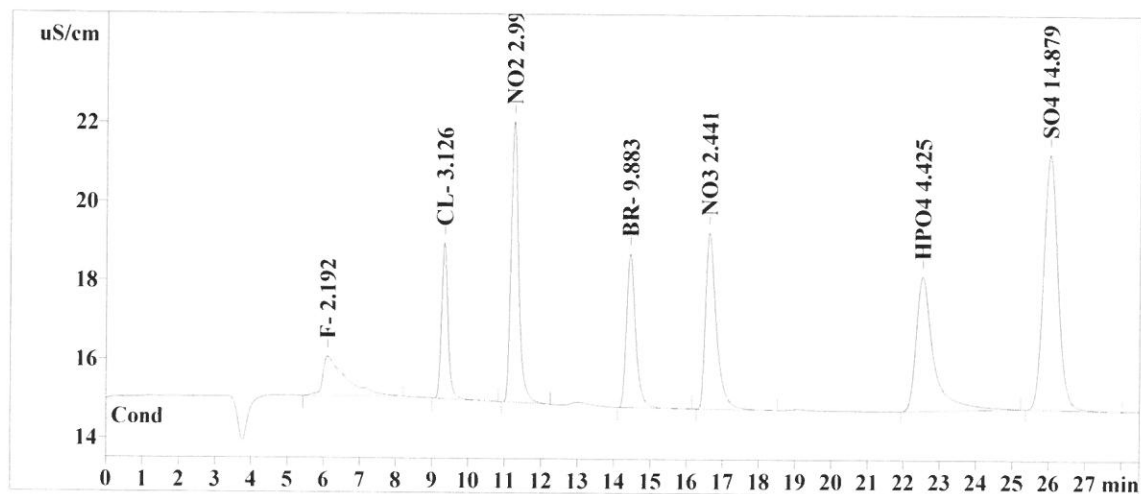
Ident: CCV
Analysis from: 7/1/2019 8:59:20 AM
File: _2019-07-01_

Last save: 7/1/2019 3:32:30 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67636

Last save: 6/17/2019 2:43:48 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	6.11	0.603	1.00	3.30	44.228	6.71	0.
2	9.33	0.180	3.94	13.00	48.053	7.29	0.
3	11.23	0.219	7.11	23.50	106.246	16.12	0.
4	14.43	0.259	3.89	12.85	68.121	10.34	0.
5	16.61	0.307	4.47	14.77	94.494	14.34	0.
6	22.52	0.443	3.40	11.24	115.898	17.59	0.
7	26.02	0.428	6.46	21.34	181.898	27.60	0.
7	28.50	0.348	30.26	100.00	658.938	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:13:34 AM
Printed by: wet

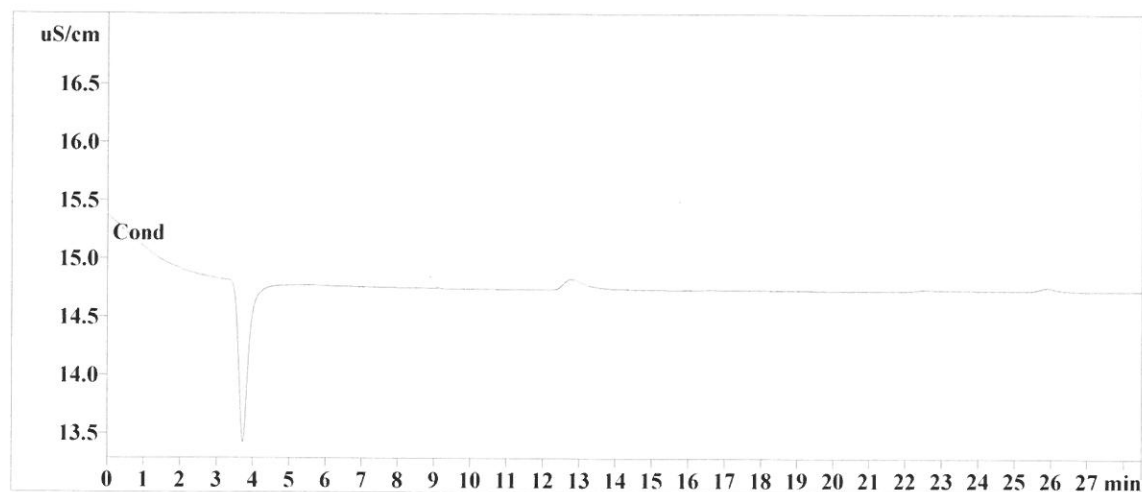
Ident: CCB
Analysis from: 7/1/2019 9:35:02 AM
File: _2019-07-01_

Last save: 7/2/2019 10:13:34 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67637

Last save: 6/17/2019 2:43:48 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: 7/2/2019 10:13:49 AM
Printed by: wet

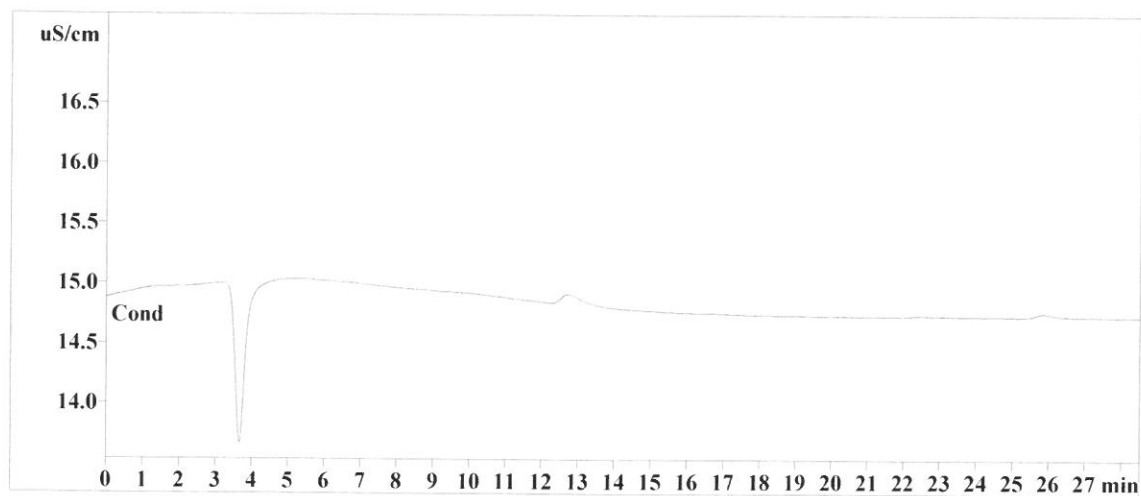
Ident: LB103735BLW
Analysis from: 7/1/2019 10:06:26 AM
File: _2019-07-01_

Last save: 7/2/2019 10:13:48 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67638

Last save: 6/17/2019 2:43:48 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: 7/2/2019 10:13:56 AM
Printed by: wet

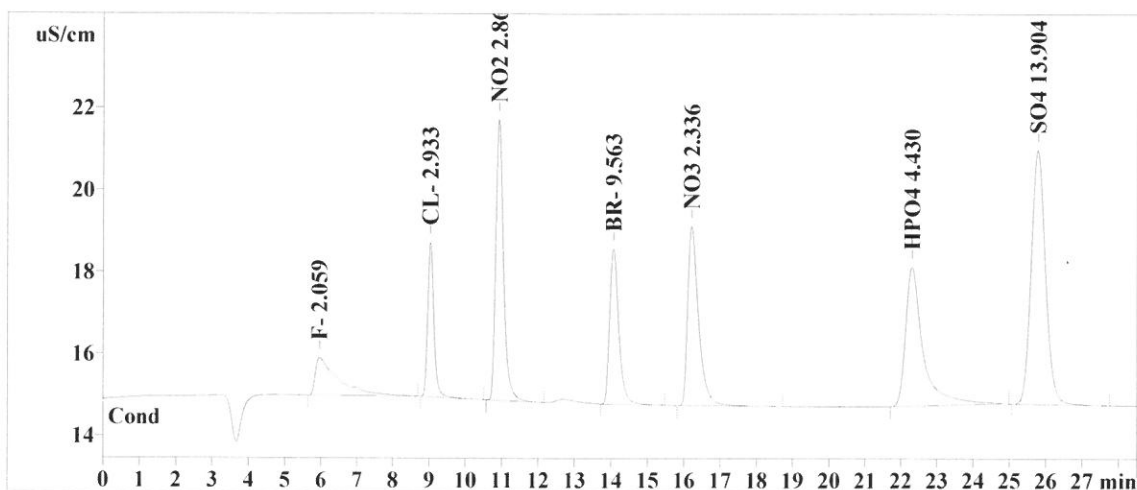
Ident: LB103735BSW
Analysis from: 7/1/2019 10:37:51 AM
File: _2019-07-01_

Last save: 7/1/2019 3:26:26 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67639

Last save: 6/17/2019 2:43:48 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	5.96	0.595	0.92	3.13	41.300	6.56	0.
2	9.03	0.175	3.77	12.88	44.944	7.14	0.
3	10.90	0.217	6.85	23.40	101.277	16.10	0.
4	14.06	0.258	3.78	12.94	65.840	10.46	0.
5	16.21	0.301	4.36	14.91	90.264	14.35	0.
6	22.30	0.441	3.39	11.58	115.992	18.44	0.
7	25.77	0.416	6.19	21.16	169.531	26.95	0.
7	28.50	0.343	29.25	100.00	629.147	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:14:43 AM
 Printed by: wet

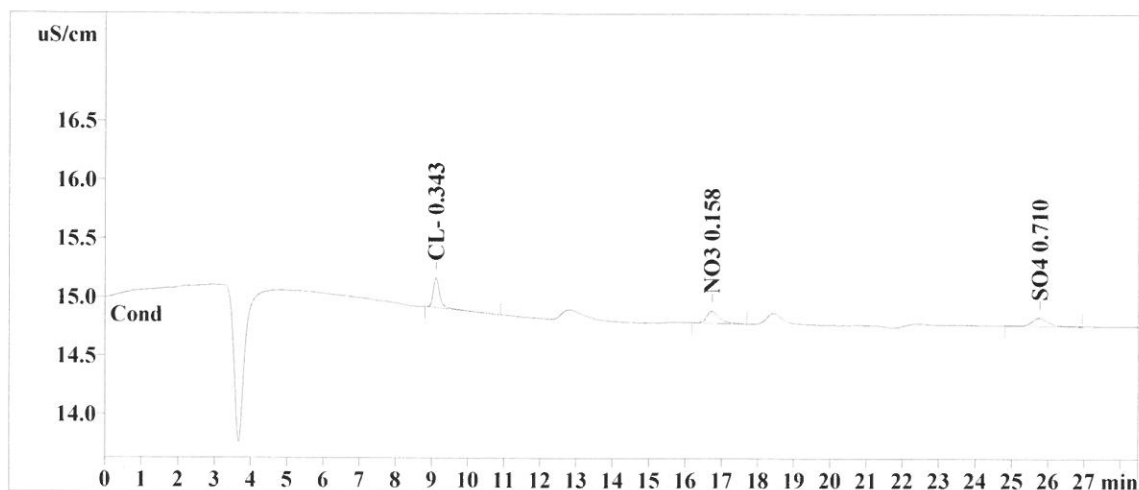
Ident: K3619-01
 Analysis from: 7/1/2019 11:55:02 AM
 File: _2019-07-01_

Last save: 7/2/2019 10:14:40 AM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67641

Last save: 6/17/2019 2:43:48 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	9.12	0.184	0.25	59.27	3.385	41.12	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	16.72	0.355	0.10	24.13	2.576	31.29	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.76	0.466	0.07	16.20	2.271	27.59	0.
7	28.50	0.144	0.42	99.60	8.233	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/2/2019 10:14:52 AM
Printed by: wet

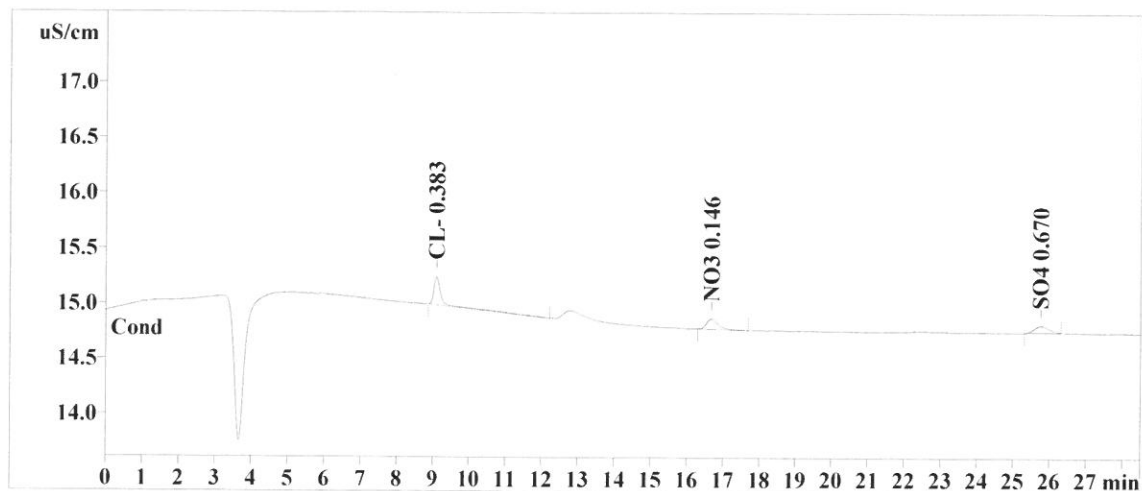
Ident: K3619-01DUP
Analysis from: 7/1/2019 12:26:26 PM
File: _2019-07-01_

Last save: 7/1/2019 1:40:22 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67642

Last save: 6/17/2019 2:43:48 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	9.10	0.183	0.25	61.58	4.025	50.86	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	16.67	0.330	0.09	22.78	2.117	26.75	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.76	0.447	0.06	15.34	1.772	22.39	0.
7	28.50	0.137	0.41	99.70	7.914	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:14:59 AM
Printed by: wet

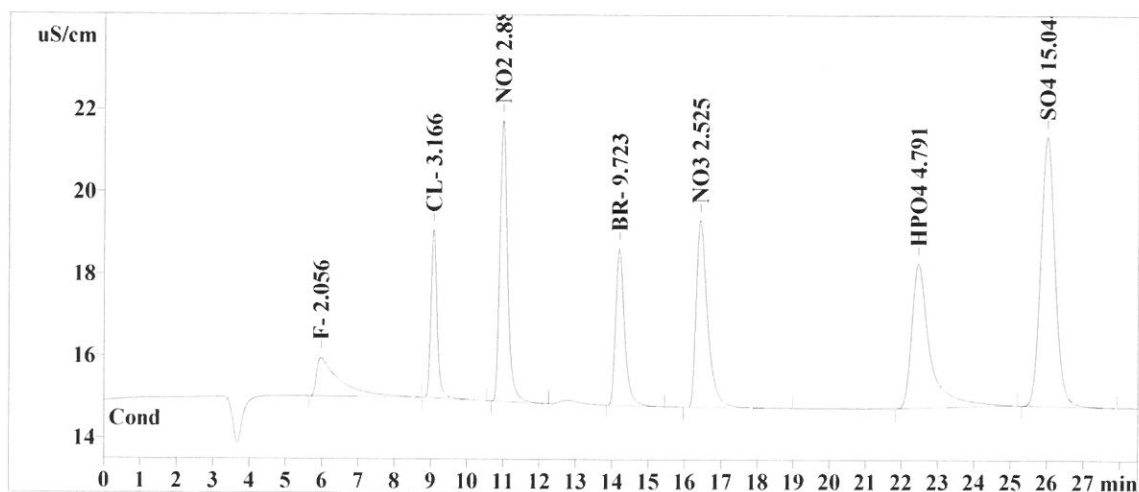
Ident: K3619-01MS
Analysis from: 7/1/2019 12:57:51 PM
File: _2019-07-01_

Last save: 7/1/2019 1:26:10 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67643

Last save: 6/17/2019 2:43:48 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.97	0.566	0.93	3.07	41.227	6.20	0.
2	9.07	0.174	4.10	13.55	48.696	7.32	0.
3	10.97	0.219	6.83	22.56	102.146	15.36	0.
4	14.19	0.260	3.81	12.59	66.981	10.07	0.
5	16.41	0.312	4.54	15.01	97.879	14.72	0.
6	22.46	0.452	3.51	11.59	123.958	18.64	0.
7	26.00	0.427	6.54	21.62	183.992	27.67	0.
7	28.50	0.344	30.27	99.99	664.879	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:15:05 AM
Printed by: wet

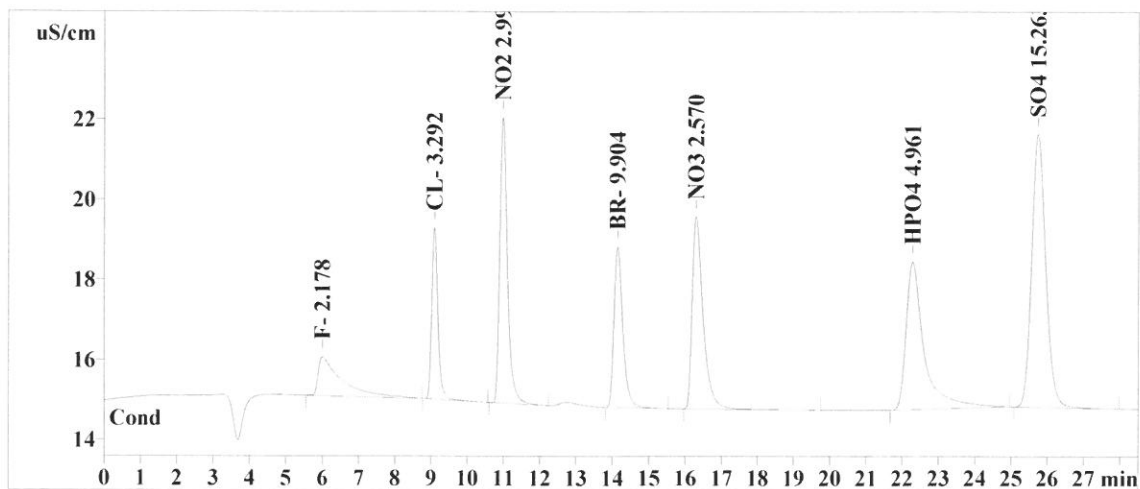
Ident: K3619-01MSD
Analysis from: 7/1/2019 1:29:15 PM
File: _2019-07-01_

Last save: 7/1/2019 1:57:34 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67644

Last save: 6/17/2019 2:43:48 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	6.00	0.572	0.97	3.07	43.924	6.43	0.
2	9.09	0.174	4.28	13.51	50.707	7.42	0.
3	10.97	0.218	7.13	22.50	106.124	15.53	0.
4	14.14	0.252	4.01	12.65	68.271	9.99	0.
5	16.29	0.301	4.79	15.12	99.668	14.59	0.
6	22.28	0.441	3.68	11.63	127.712	18.69	0.
7	25.74	0.416	6.81	21.52	186.759	27.34	0.
7	28.50	0.339	31.66	100.00	683.166	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:16:50 AM
Printed by: wet

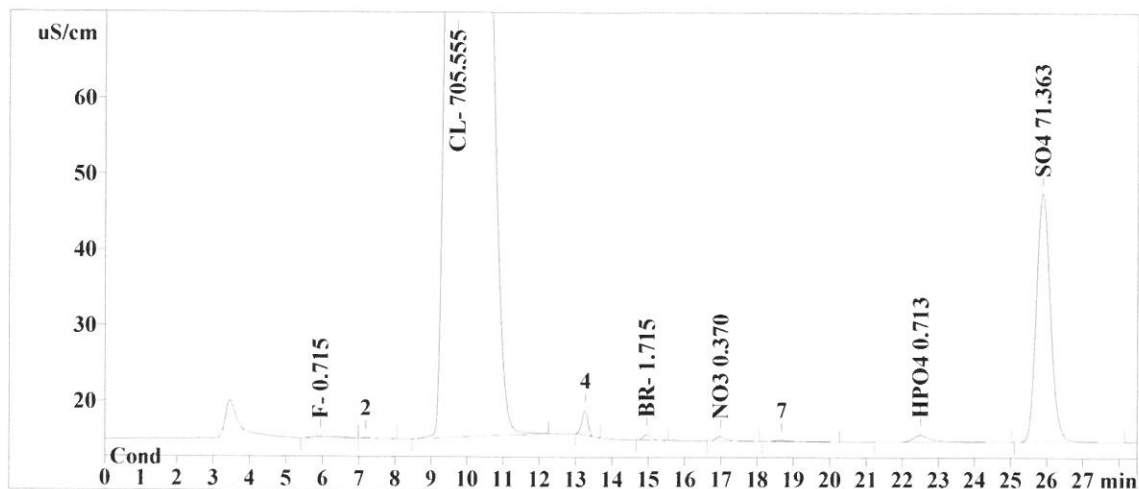
Ident: K3611-01
Analysis from: 7/1/2019 2:00:39 PM
File: _2019-07-01_

Last save: 7/1/2019 2:28:58 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67645

Last save: 6/17/2019 2:43:48 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	5.94	0.882	0.22	0.11	11.531	0.09	0.
2	9.70	1.159	166.86	81.22	11323.160	91.81	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.95	0.226	0.66	0.32	9.856	0.08	0.
5	16.97	0.287	0.58	0.28	11.132	0.09	0.
6	22.50	0.449	0.91	0.44	34.093	0.28	0.
7	25.87	0.422	32.73	15.93	897.959	7.28	0.
7	28.50	0.489	201.95	98.30	12287.731	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:17:06 AM
Printed by: wet

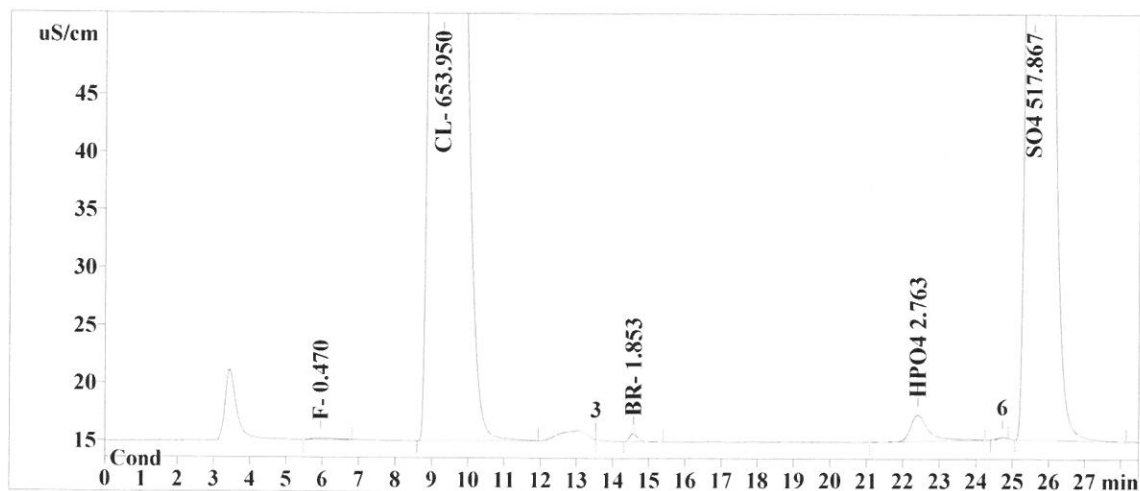
Ident: K3605-01
Analysis from: 7/1/2019 2:32:04 PM
File: _2019-07-01_

Last save: 7/1/2019 3:00:22 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67646

Last save: 6/17/2019 2:43:48 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	5.95	0.692	0.15	0.03	6.122	0.04	0.
2	9.28	0.614	261.61	56.55	10494.811	61.19	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.57	0.232	0.71	0.15	10.836	0.06	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	22.41	0.457	2.27	0.49	79.276	0.46	0.
7	25.55	0.518	197.69	42.74	6558.375	38.24	0.
7	28.50	0.359	462.44	99.97	17149.421	99.99	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:17:17 AM
 Printed by: wet

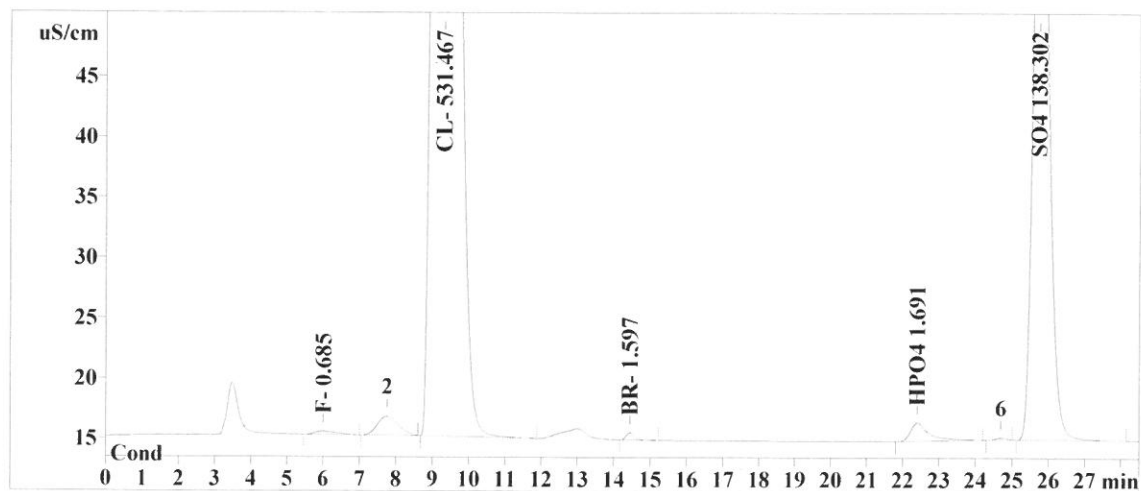
Ident: K3605-02
 Analysis from: 7/1/2019 3:03:28 PM
 File: _2019-07-01_

Last save: 7/1/2019 3:31:48 PM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67647

Last save: 6/17/2019 2:43:48 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	5.99	0.666	0.26	0.08	10.876	0.10	0.
2	9.30	0.527	249.95	79.20	8528.763	81.88	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.45	0.236	0.58	0.18	9.010	0.09	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	22.40	0.479	1.51	0.48	55.639	0.53	0.
7	25.72	0.438	61.58	19.51	1746.551	16.77	0.
7	28.50	0.335	313.89	99.46	10350.840	99.37	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/2/2019 10:17:25 AM
Printed by: wet

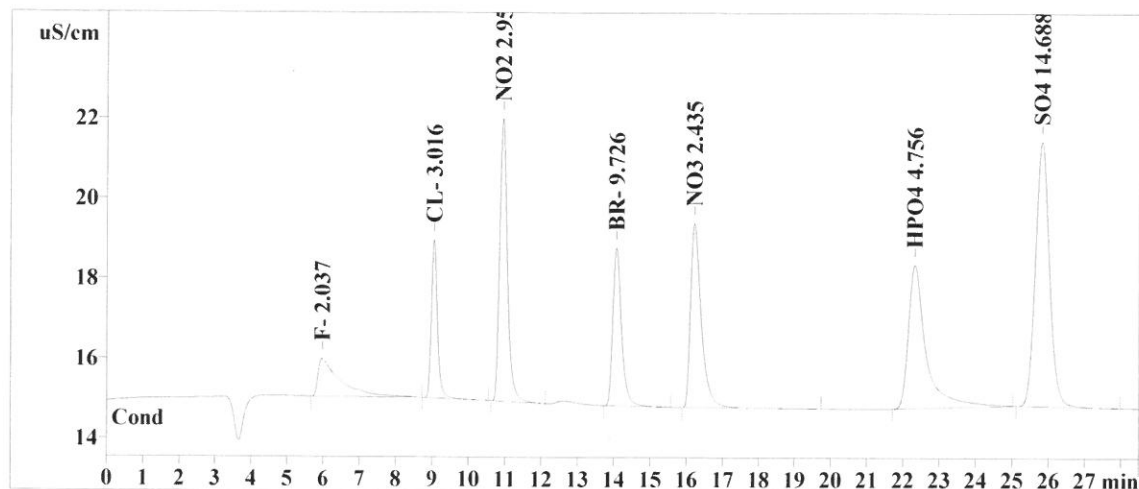
Ident: CCV
Analysis from: 7/1/2019 4:06:17 PM
File: _2019-07-01_

Last save: 7/1/2019 4:34:36 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67649

Last save: 6/17/2019 2:43:48 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	5.97	0.557	0.94	3.08	40.796	6.22	0.
2	9.05	0.172	3.94	12.85	46.287	7.06	0.
3	10.92	0.218	7.06	23.03	104.582	15.95	0.
4	14.06	0.251	3.94	12.84	66.998	10.22	0.
5	16.21	0.297	4.59	14.98	94.258	14.38	0.
6	22.31	0.439	3.58	11.67	123.191	18.79	0.
7	25.80	0.412	6.61	21.55	179.478	27.38	0.
7	28.50	0.335	30.66	100.00	655.589	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:17:40 AM
Printed by: wet

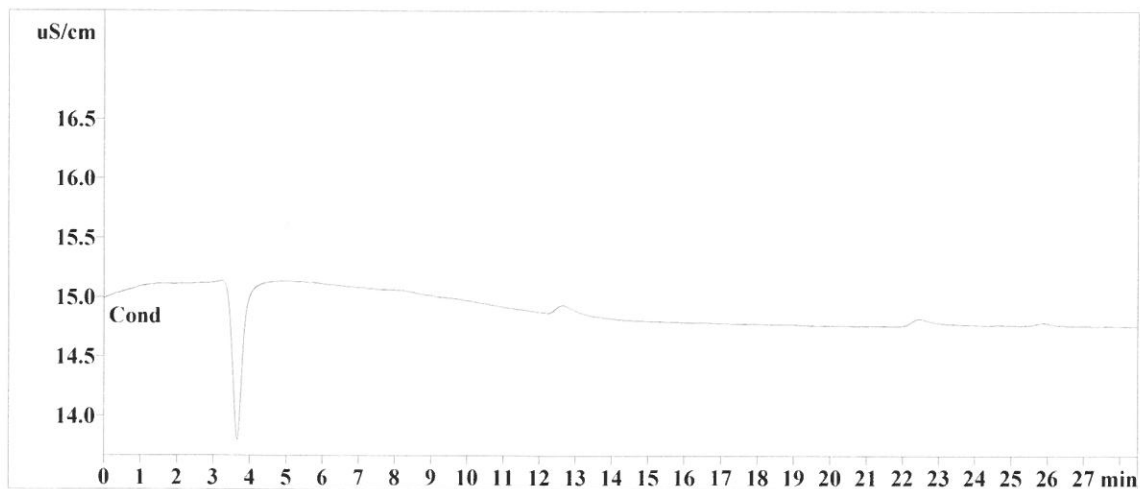
Ident: CCB
Analysis from: 7/1/2019 4:37:42 PM
File: _2019-07-01_

Last save: 7/2/2019 10:17:40 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67650

Last save: 6/17/2019 2:43:48 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: 7/2/2019 10:18:02 AM
Printed by: wet

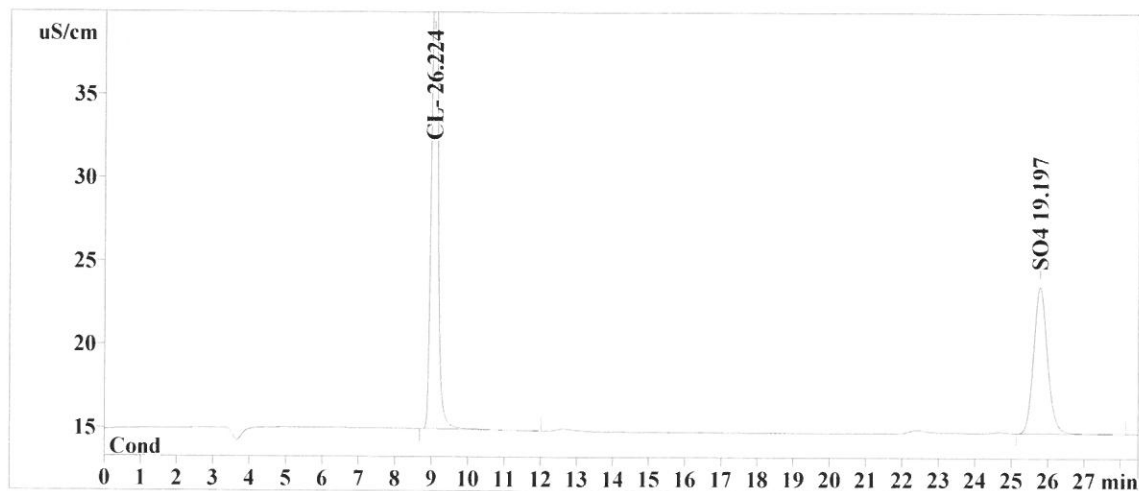
Ident: K3605-01DLX20
Analysis from: 7/1/2019 5:40:31 PM
File: _2019-07-01_

Last save: 7/2/2019 10:17:54 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67652

Last save: 6/17/2019 2:43:48 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	9.05	0.165	37.34	80.97	418.812	63.90	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	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	25.77	0.407	8.78	19.03	236.631	36.10	0.
7	28.50	0.082	46.12	100.01	655.442	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:18:42 AM
Printed by: wet

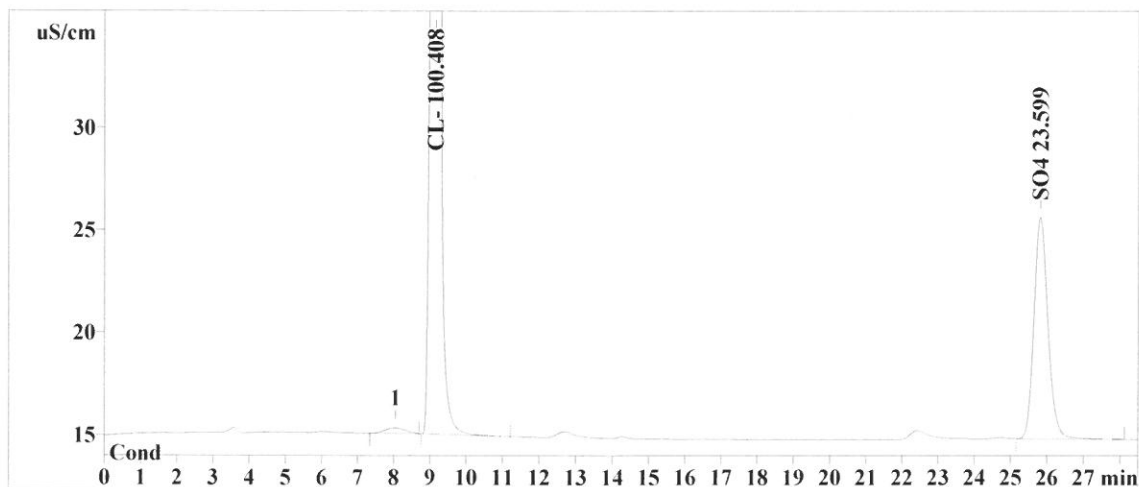
Ident: K3605-02DLX5
Analysis from: 7/1/2019 6:11:55 PM
File: _2019-07-01_

Last save: 7/2/2019 10:18:42 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67653

Last save: 6/17/2019 2:43:48 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	9.15	0.197	123.53	91.76	1609.587	84.16	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	25.81	0.409	10.80	8.02	292.436	15.29	0.
7	28.50	0.087	134.33	99.79	1902.023	99.45	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/2/2019 10:19:11 AM
 Printed by: wet

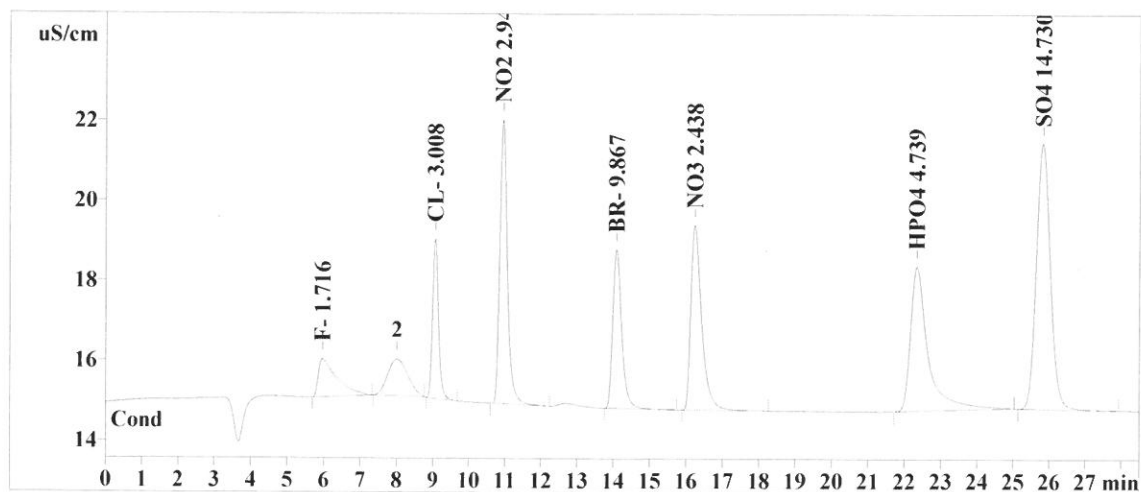
Ident: CCV
 Analysis from: 7/1/2019 6:43:19 PM
 File: _2019-07-01_

Last save: 7/1/2019 7:11:38 PM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67654

Last save: 6/17/2019 2:43:48 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	5.96	0.509	0.96	3.01	33.698	4.92	0.
2	9.05	0.174	3.98	12.54	46.148	6.74	0.
3	10.93	0.216	7.09	22.33	104.286	15.23	0.
4	14.07	0.254	3.96	12.46	68.008	9.93	0.
5	16.23	0.297	4.61	14.51	94.359	13.78	0.
6	22.33	0.436	3.60	11.33	122.807	17.93	0.
7	25.81	0.411	6.64	20.91	180.004	26.29	0.
7	28.50	0.328	30.84	97.10	649.310	94.82	0.

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Report date: 7/2/2019 10:19:39 AM
Printed by: wet

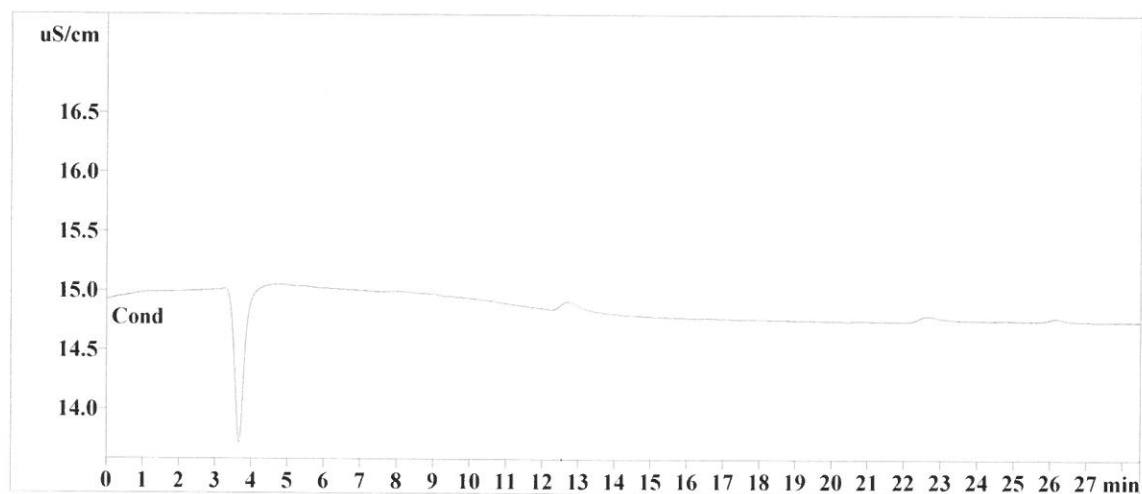
Ident: CCB
Analysis from: 7/1/2019 7:14:44 PM
File: _2019-07-01_

Last save: 7/2/2019 10:19:38 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67655

Last save: 6/17/2019 2:43:48 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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