

IC-4 300.0

7-12-19

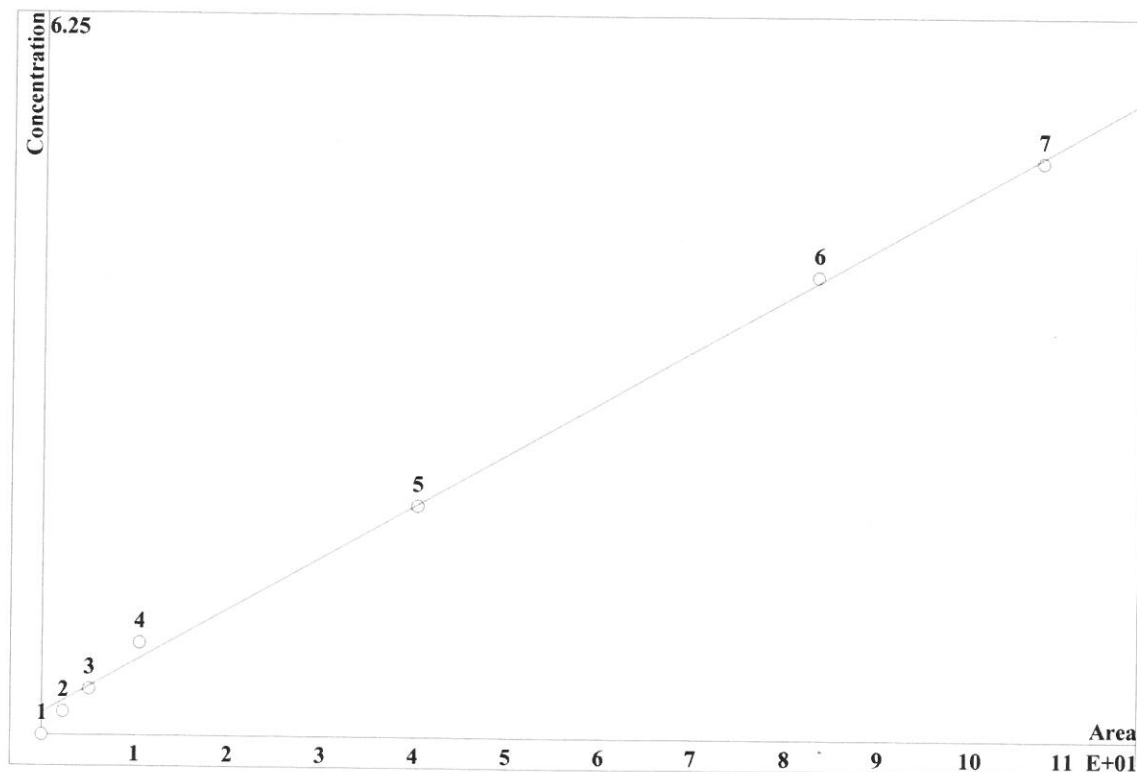
Clear table

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	1.9700	3.0080	2.9800	9.7550	2.4240	4.3380	14.3670	2019-07-11_	7/11/19 10:38		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-11_	7/11/19 11:14		AK/AP
LB103913BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-11_	7/11/19 11:45		AK/AP
LB103913BSW	2.0960	3.0160	2.9570	9.7520	2.4710	4.6860	14.8070	2019-07-11_	7/11/19 12:17		AK/AP
K3758-01	0.2410	0.3160	0.0000	0.0000	0.4450	0.0000	0.0000	2019-07-11_	7/11/19 12:50		AK/AP
K3759-01	0.0000	0.2100	0.0000	0.0000	0.1150	0.0000	0.0000	2019-07-11_	7/11/19 13:21		AK/AP
K3759-01DUP	0.0000	0.1980	0.0000	0.0000	0.1130	0.0000	0.0000	2019-07-11_	7/11/19 13:52		AK/AP
K3759-01MS	2.0910	3.1090	2.9550	9.8440	2.4930	4.7510	14.8860	2019-07-11_	7/11/19 14:24		AK/AP
K3759-01MSD	2.0030	2.9800	2.8520	9.4580	2.4200	4.6450	14.2970	2019-07-11_	7/11/19 14:55		AK/AP
CCV	2.0570	3.0180	2.9750	9.7880	2.4480	4.6700	14.5010	2019-07-11_	7/11/19 17:01		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-11_	7/11/19 17:32		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



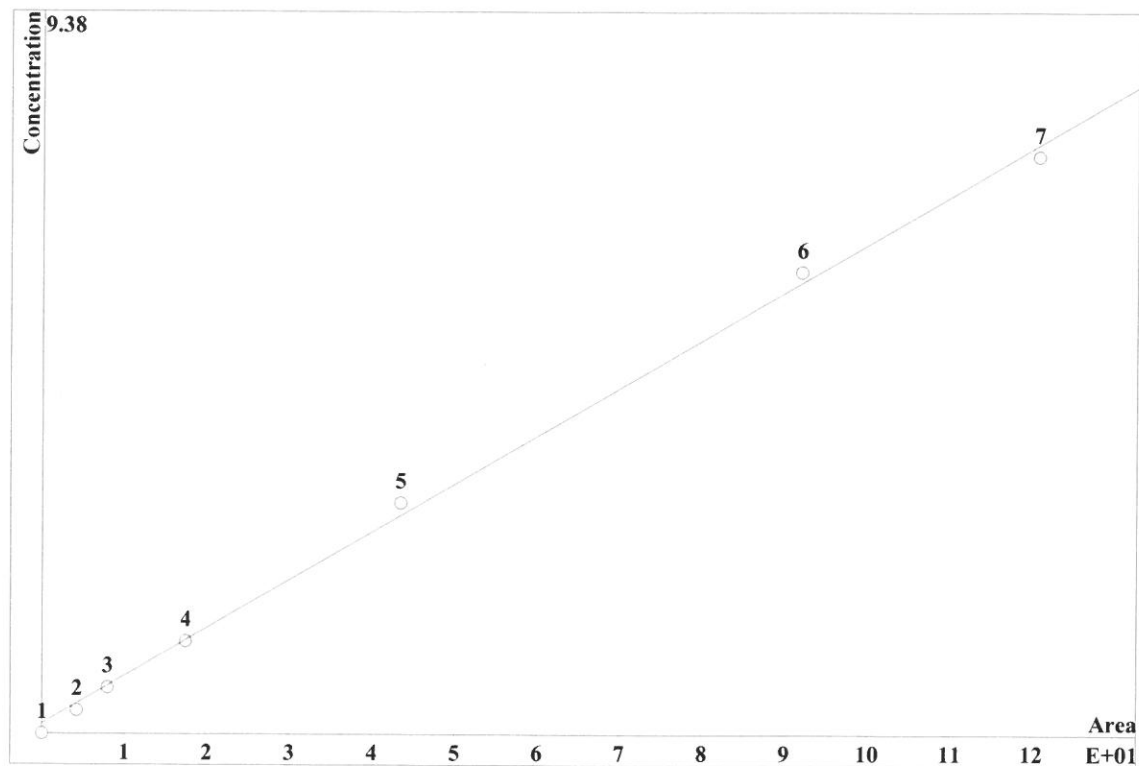
K3 = 0 K2 = 0 K1 = 0.903466 K0 = 3.87483

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



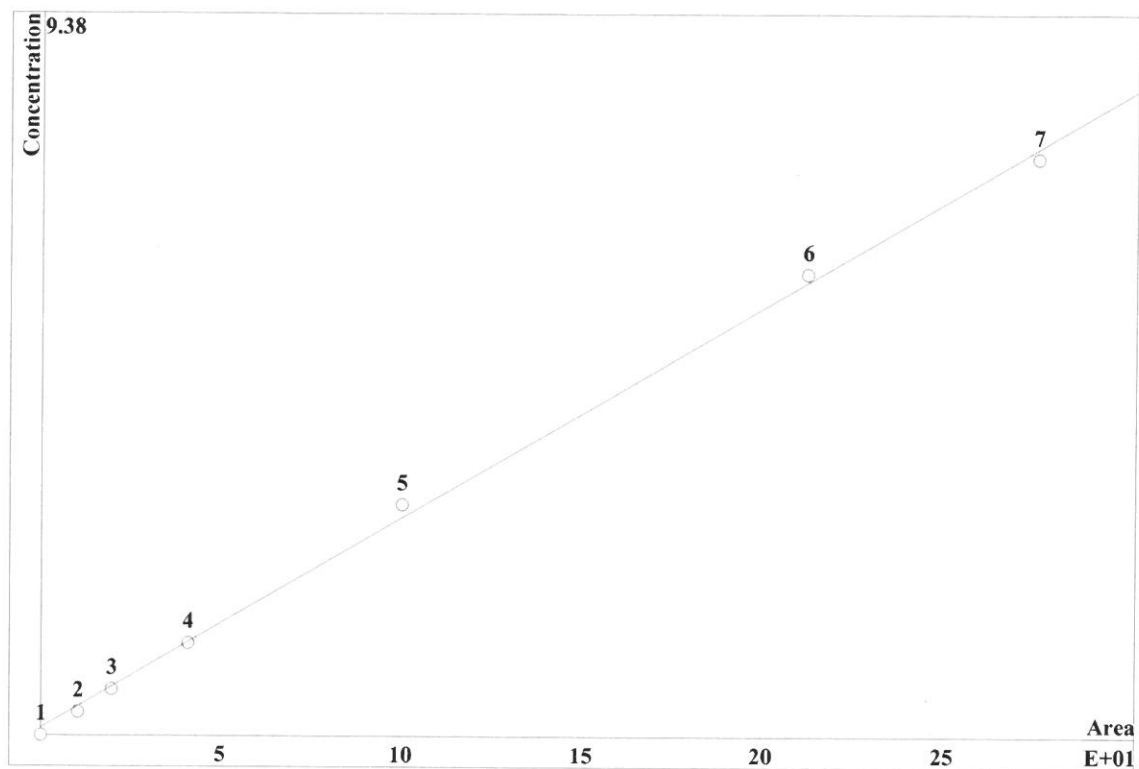
K3 = 0 K2 = 0 K1 = 1.24598 K0 = 2.65128

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

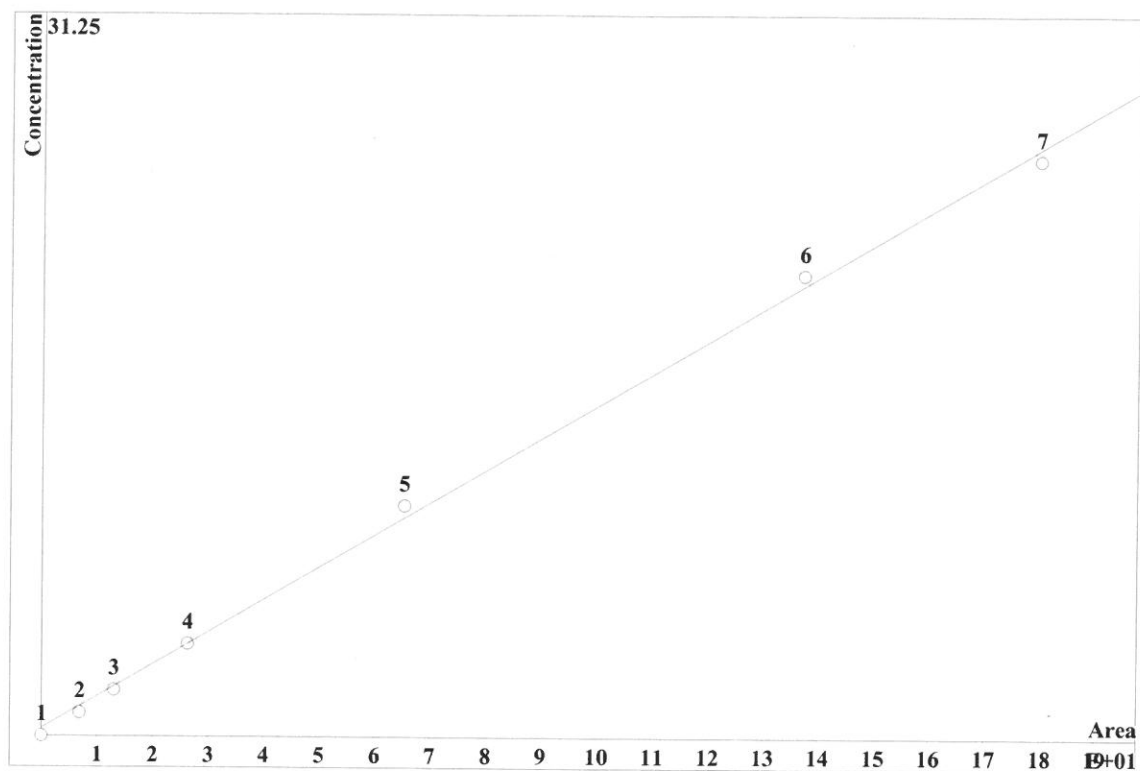


K3 = 0 K2 = 0 K1 = 0.545669 K0 = 1.97461
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



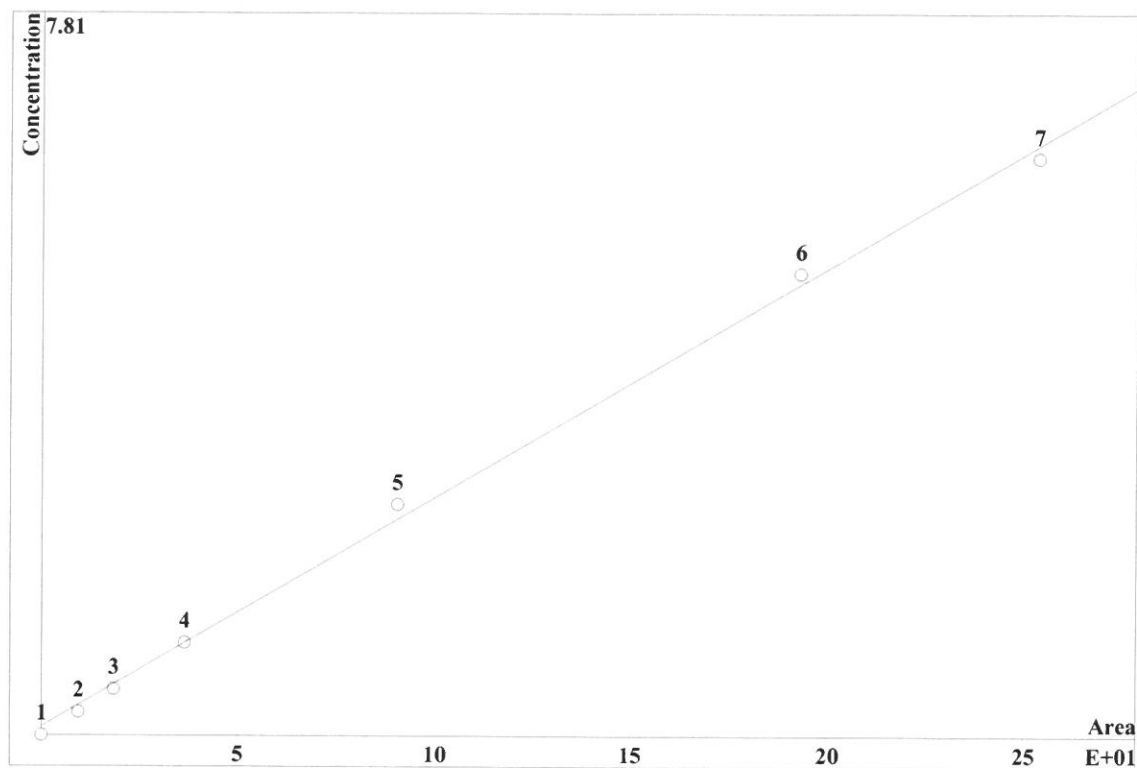
K3 = 0 K2 = 0 K1 = 2.80363 K0 = 6.67453

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



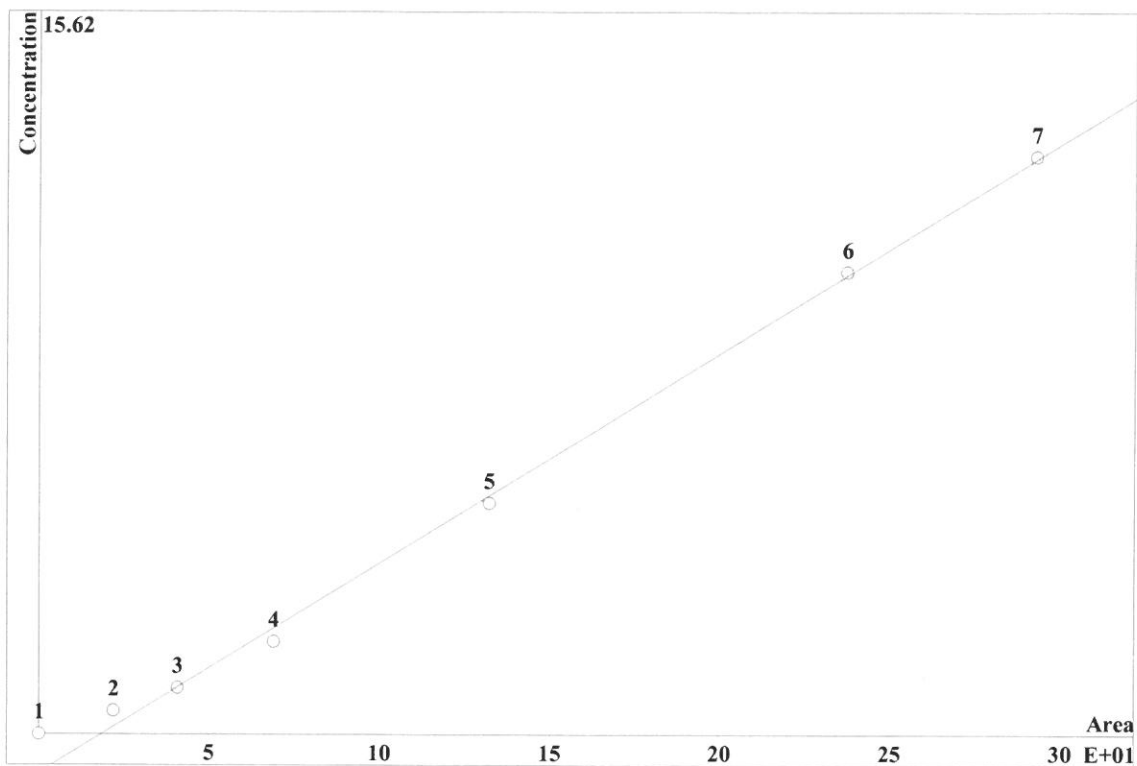
K3 = 0 K2 = 0 K1 = 0.496829 K0 = 1.87699

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



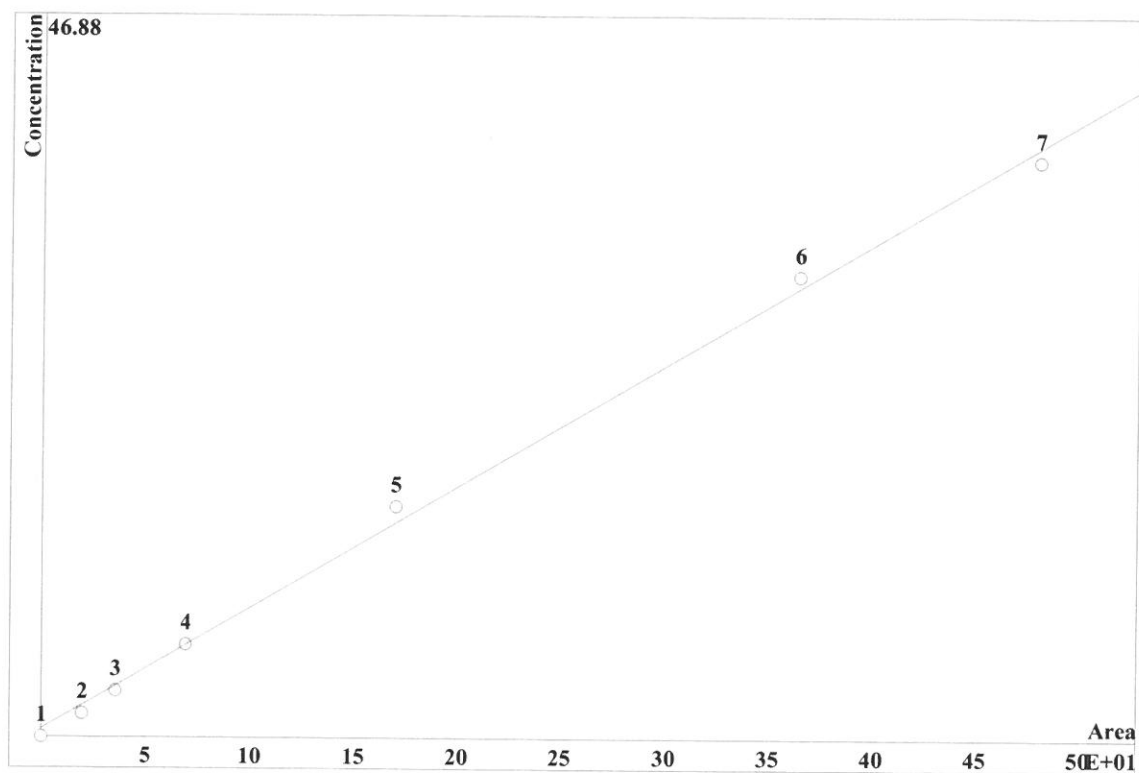
K3 = 0 K2 = 0 K1 = 0.907612 K0 = -16.6848

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

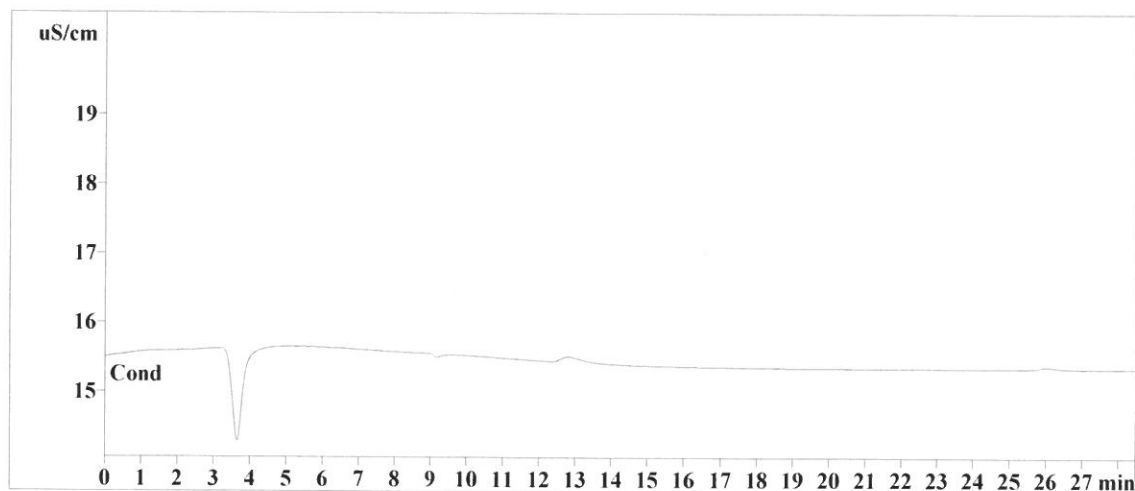
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File: _2019-06-17_

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

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

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Report date: 6/18/2019 1:17:19 PM
Printed by: wet

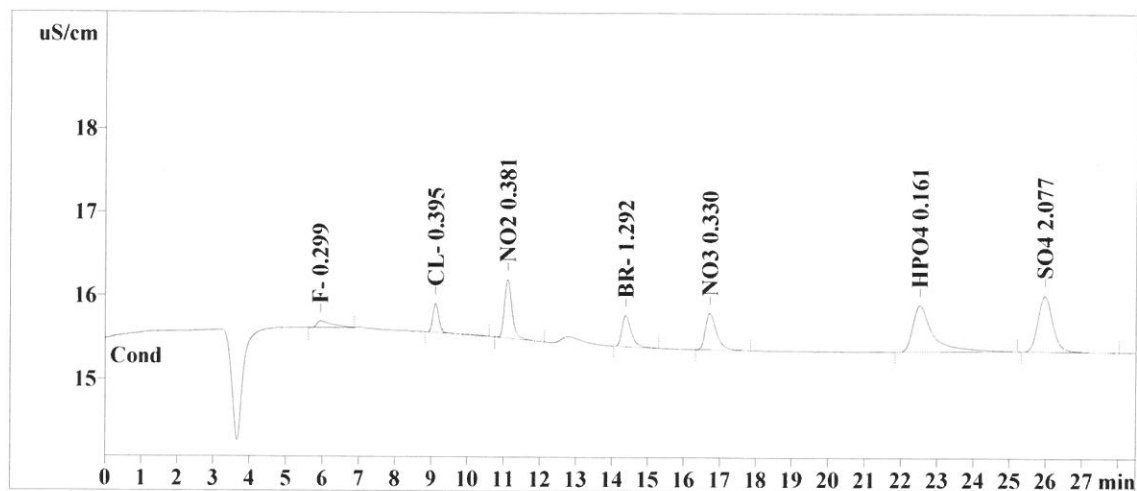
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Last save: 6/17/2019 2:42:38 PM

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

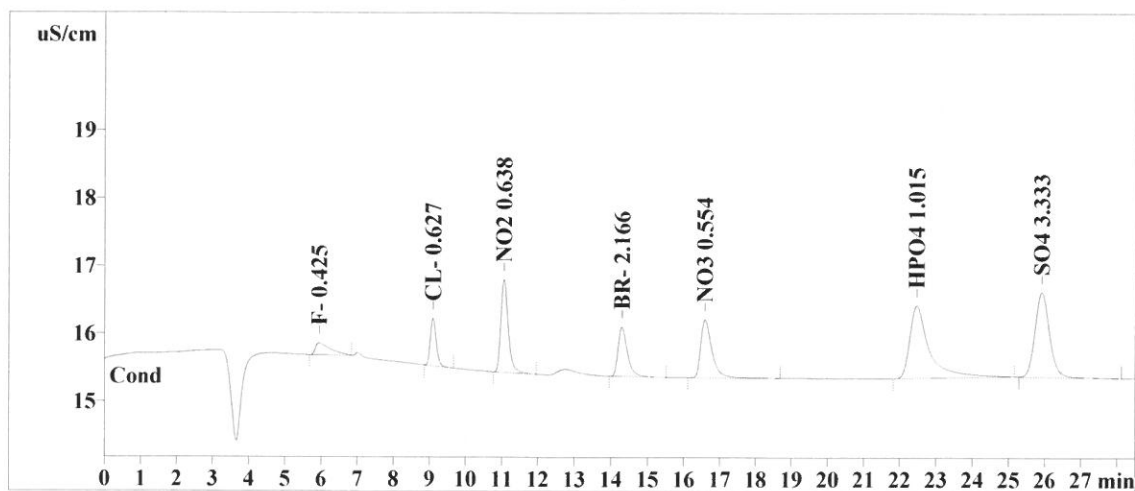
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Analysis from: 6/17/2019 11:26:38 AM
File: _2019-06-17_

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

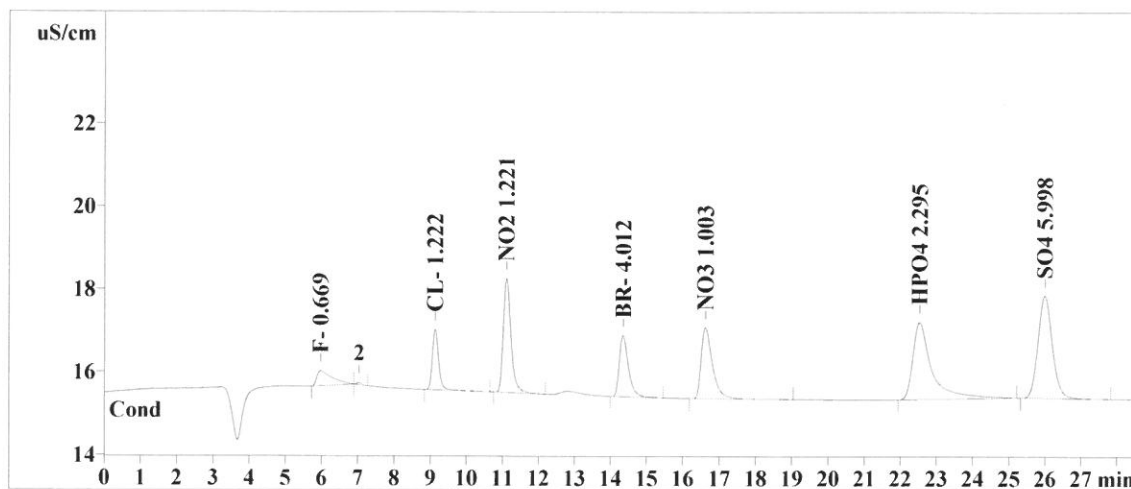
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File: _2019-06-17_

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.

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Report date: 6/18/2019 1:17:50 PM
Printed by: wet

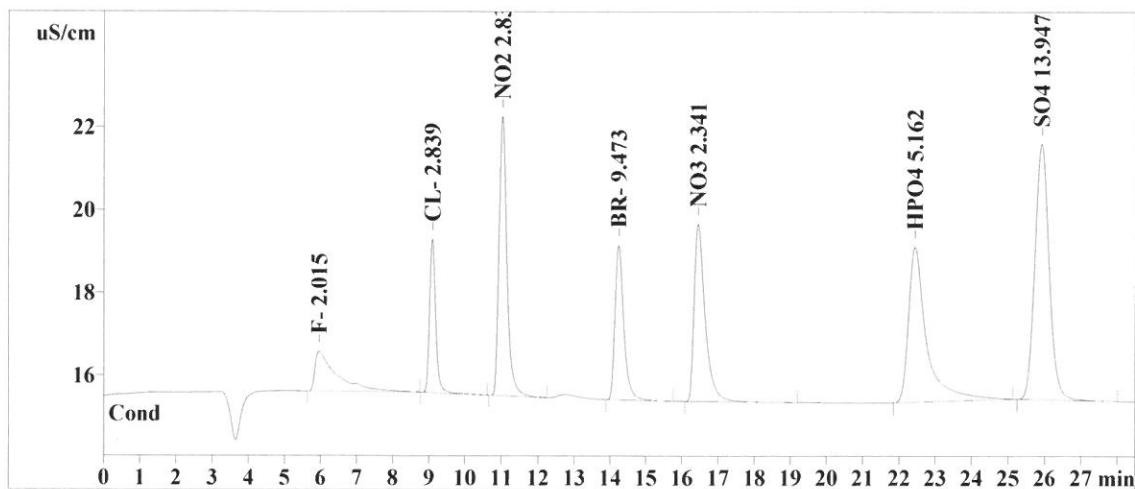
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Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67442

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.

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

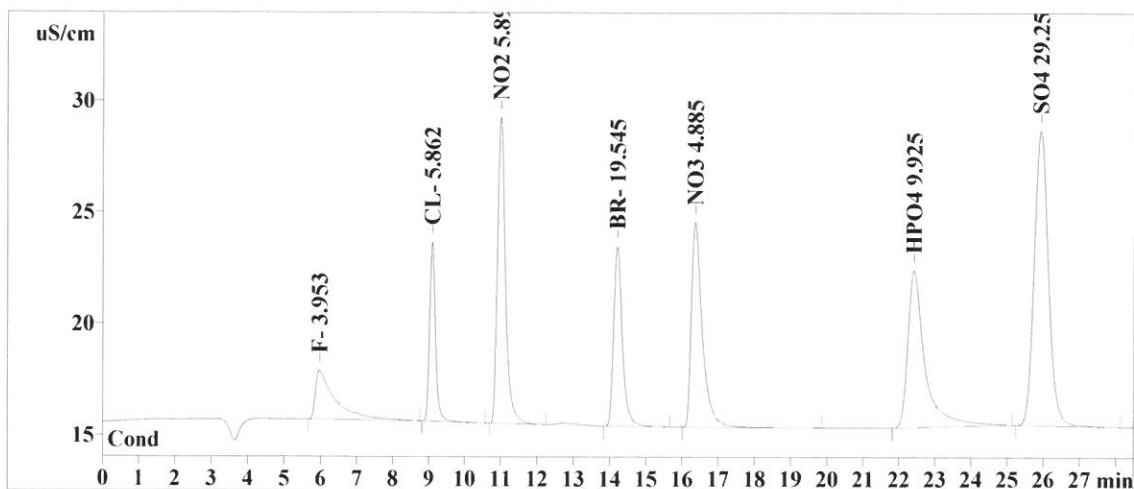
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Analysis from: 6/17/2019 1:00:51 PM
File: _2019-06-17_

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

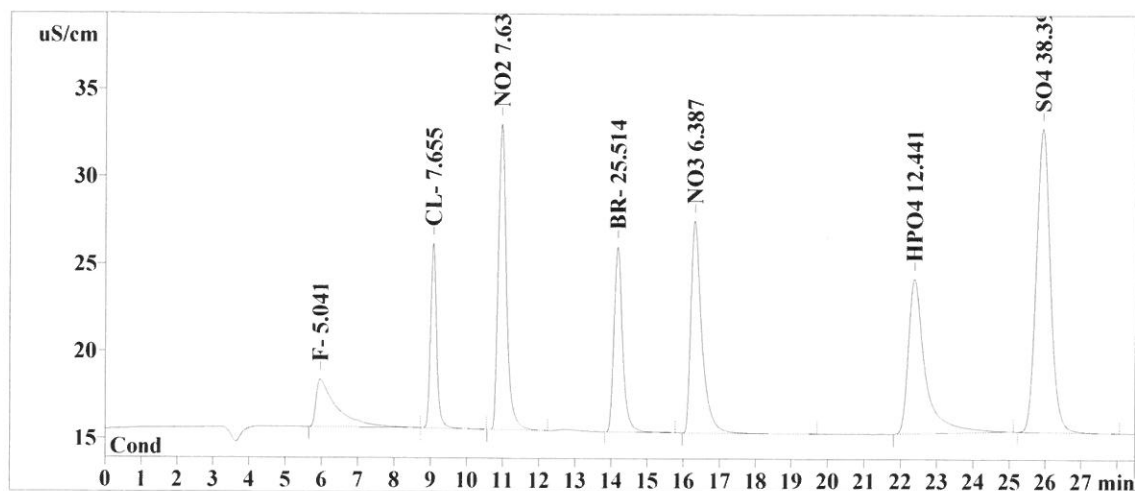
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File: _2019-06-17_

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

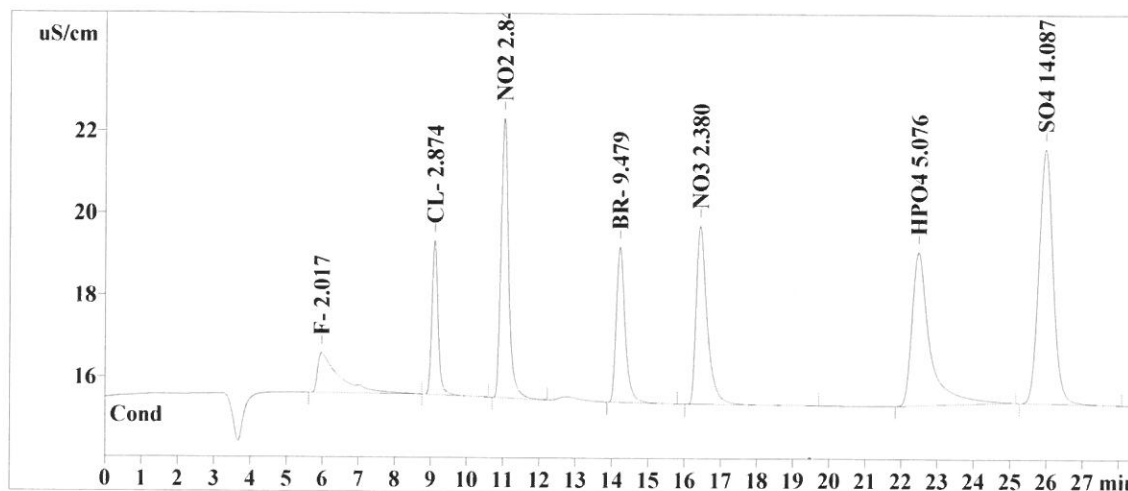
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Last save: 6/17/2019 2:44:16 PM

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

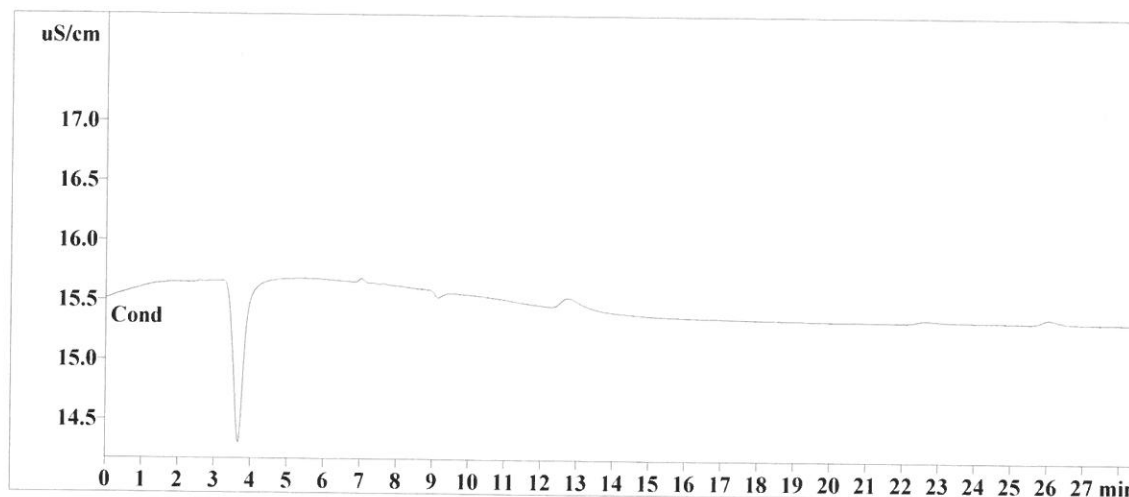
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Analysis from: 6/17/2019 2:47:35 PM
File: _2019-06-17_

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
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Report date: 7/12/2019 9:20:14 AM
 Printed by: wet

IC-1

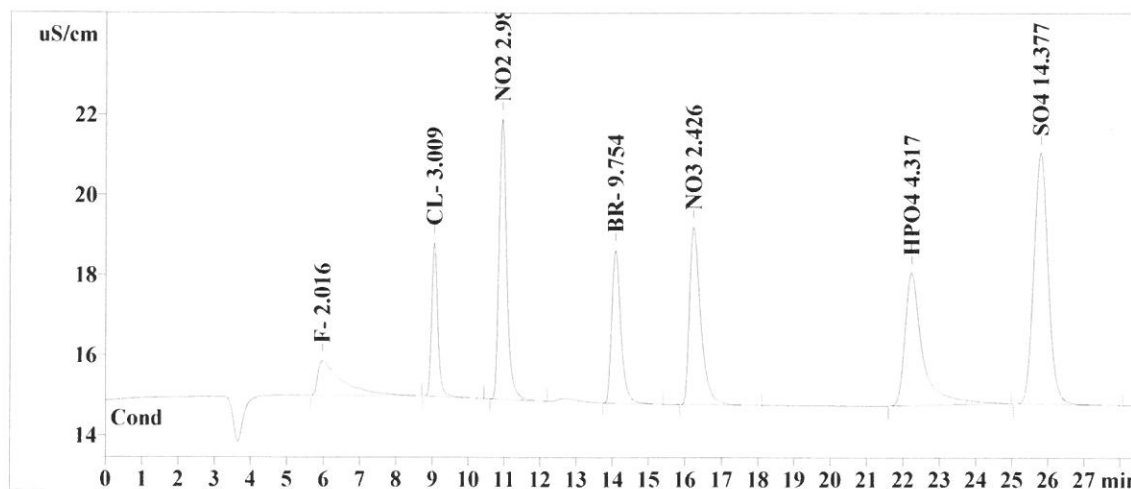
Ident: CCV
 Analysis from: 7/11/2019 10:38:41 AM
 File: _2019-07-11_

Last save: 7/11/2019 11:07:00 AM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67775

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	5.97	0.606	0.86	2.92	40.331	6.28	0.
2	9.05	0.178	3.82	12.97	46.169	7.19	0.
3	10.92	0.223	6.99	23.72	105.645	16.45	0.
4	14.08	0.261	3.81	12.94	67.198	10.46	0.
5	16.23	0.310	4.42	15.00	93.875	14.62	0.
6	22.22	0.446	3.30	11.21	113.513	17.67	0.
7	25.78	0.426	6.26	21.23	175.528	27.33	0.
7	28.50	0.350	29.47	99.99	642.259	100.00	0.

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Report date: 7/12/2019 9:20:47 AM
Printed by: wet

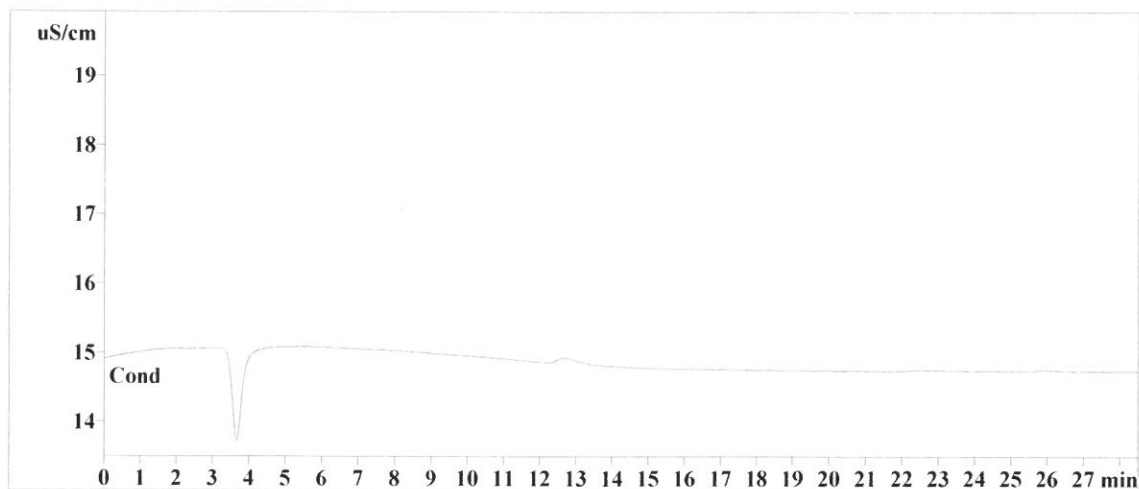
Ident: CCB
Analysis from: 7/11/2019 11:14:27 AM
File: _2019-07-11_

Last save: 7/11/2019 11:42:46 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67776

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: 7/12/2019 9:20:55 AM
Printed by: wet

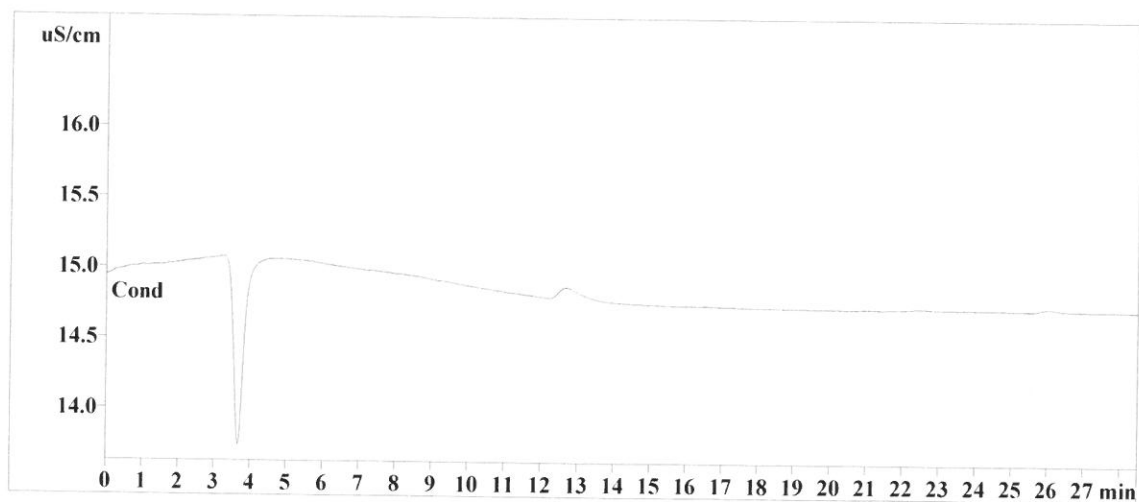
Ident: LB103913BLW
Analysis from: 7/11/2019 11:45:52 AM
File: _2019-07-11_

Last save: 7/11/2019 2:59:28 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67777

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: 7/12/2019 9:21:05 AM
Printed by: wet

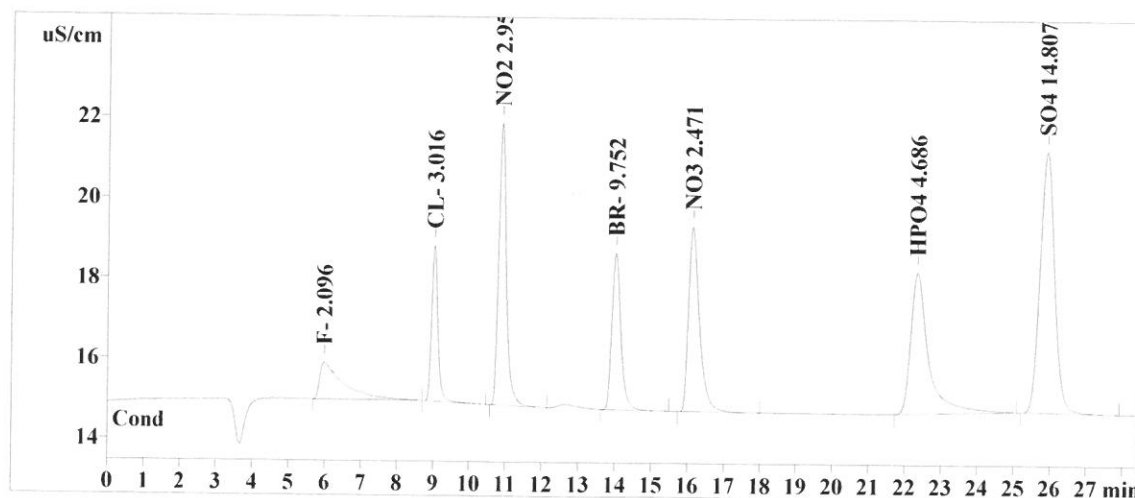
Ident: LB103913BSW
Analysis from: 7/11/2019 12:17:16 PM
File: _2019-07-11_

Last save: 7/11/2019 2:59:28 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67778

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	5.98	0.598	0.91	3.01	42.106	6.39	0.
2	9.01	0.176	3.87	12.77	46.286	7.03	0.
3	10.87	0.220	7.02	23.18	104.744	15.90	0.
4	14.00	0.257	3.89	12.85	67.188	10.20	0.
5	16.12	0.305	4.59	15.17	95.685	14.53	0.
6	22.33	0.448	3.51	11.58	121.638	18.47	0.
7	25.88	0.424	6.49	21.43	180.984	27.48	0.
7	28.50	0.347	30.26	99.99	658.630	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2019 9:21:34 AM
Printed by: wet

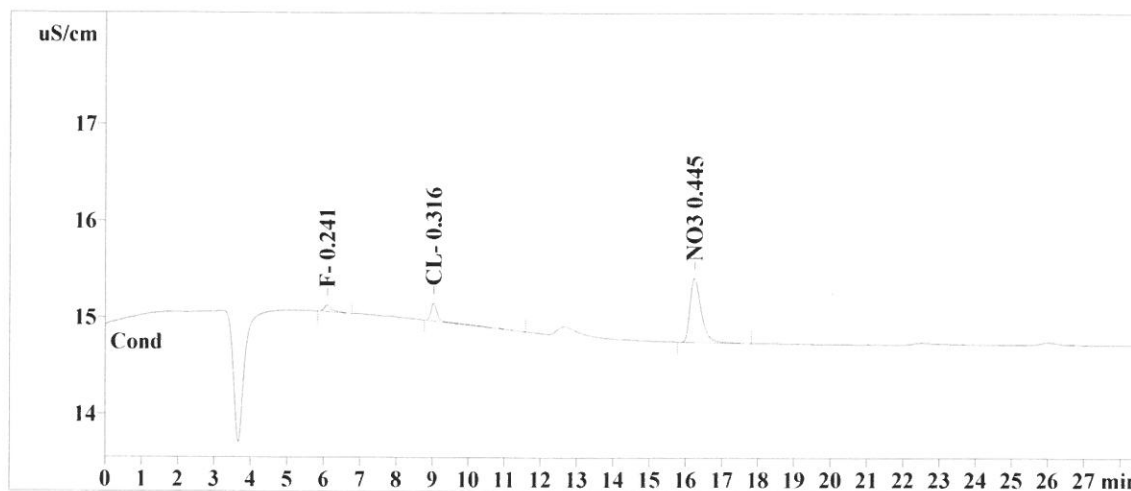
Ident: K3758-01
Analysis from: 7/11/2019 12:50:09 PM
File: _2019-07-11_

Last save: 7/12/2019 9:21:32 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67779

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	6.09	0.199	0.07	7.33	1.049	5.79	0.
2	9.03	0.182	0.19	20.27	2.943	16.24	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	16.23	0.314	0.66	72.21	14.135	77.98	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	28.50	0.099	0.91	99.81	18.127	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2019 9:21:42 AM
Printed by: wet

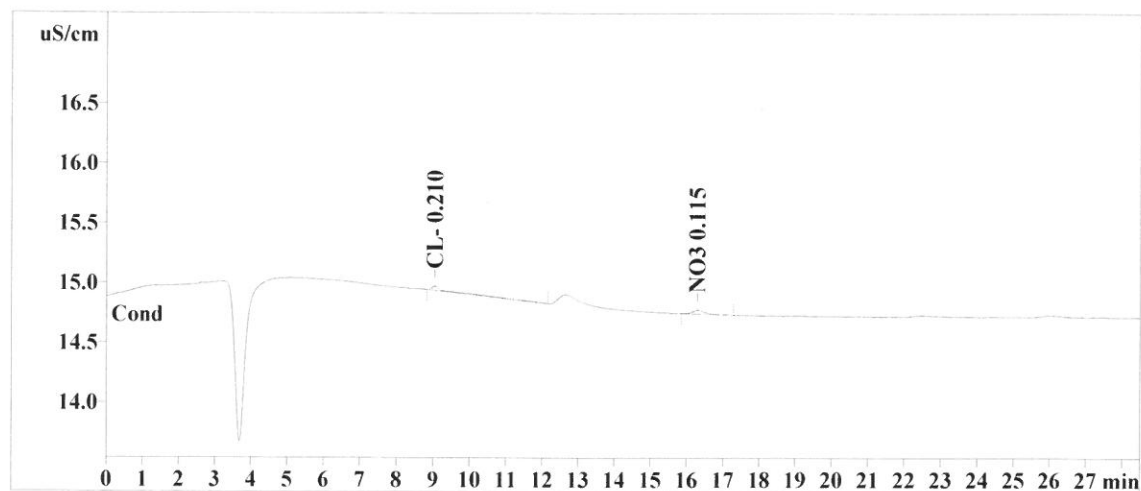
Ident: K3759-01
Analysis from: 7/11/2019 1:21:34 PM
File: _2019-07-11_

Last save: 7/11/2019 2:35:12 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67780

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.04	0.178	0.04	51.39	1.235	59.15	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	16.30	0.350	0.03	46.86	0.853	40.85	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	28.50	0.075	0.07	98.26	2.089	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2019 9:21:52 AM
Printed by: wet

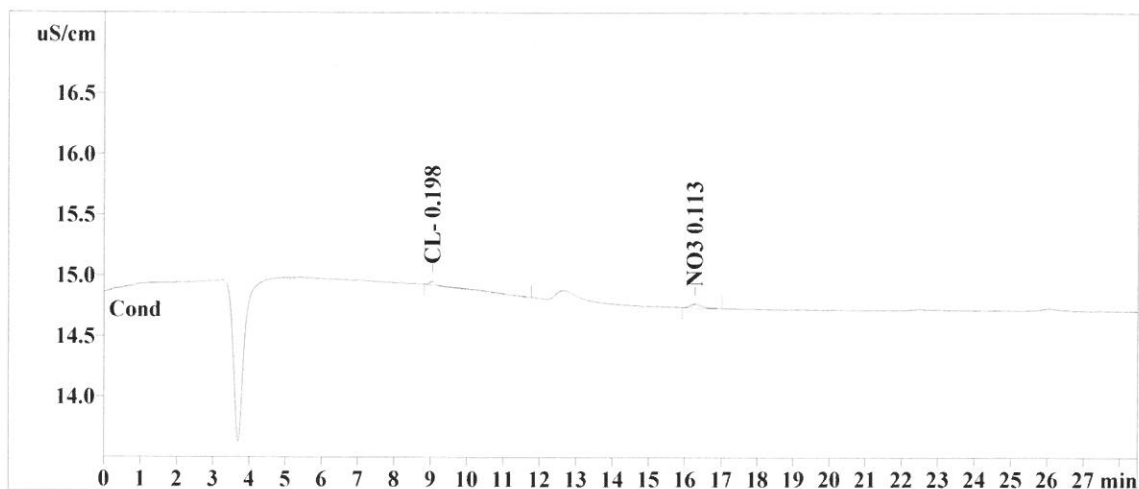
Ident: K3759-01DUP
Analysis from: 7/11/2019 1:52:58 PM
File: _2019-07-11_

Last save: 7/11/2019 2:35:24 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67781

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	9.04	0.176	0.03	47.22	1.057	58.25	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	16.27	0.336	0.03	49.97	0.758	41.75	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	28.50	0.073	0.06	97.19	1.814	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2019 9:22:00 AM
Printed by: wet

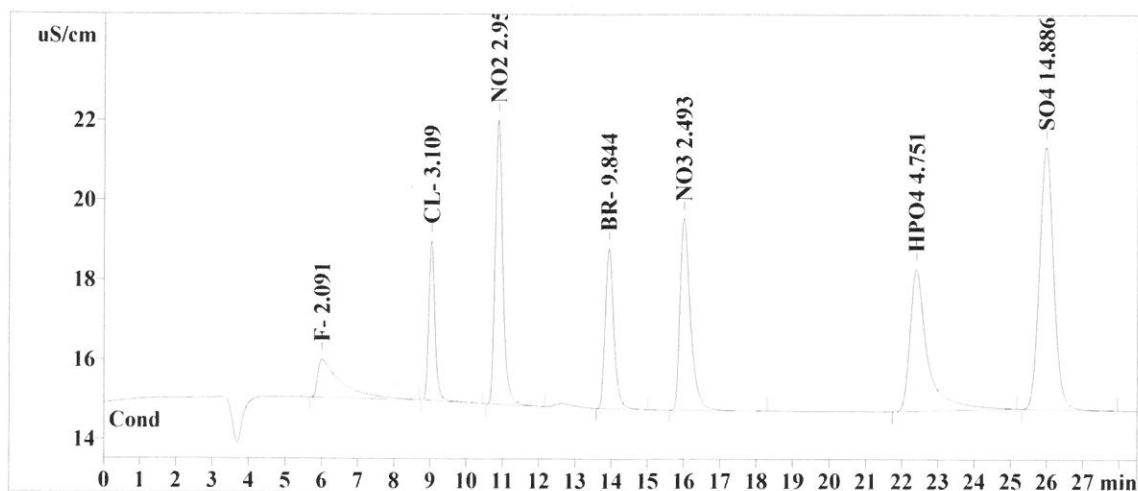
Ident: K3759-01MS
Analysis from: 7/11/2019 2:24:23 PM
File: _2019-07-11_

Last save: 7/11/2019 2:52:42 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67782

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	6.01	0.560	0.95	3.08	41.996	6.33	0.
2	9.03	0.176	4.00	12.88	47.777	7.20	0.
3	10.86	0.217	7.12	22.97	104.702	15.77	0.
4	13.92	0.253	4.01	12.94	67.842	10.22	0.
5	15.99	0.294	4.81	15.50	96.565	14.54	0.
6	22.39	0.446	3.55	11.45	123.067	18.54	0.
7	25.96	0.421	6.57	21.18	181.988	27.41	0.
7	28.50	0.338	31.02	100.00	663.937	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2019 9:22:07 AM
 Printed by: wet

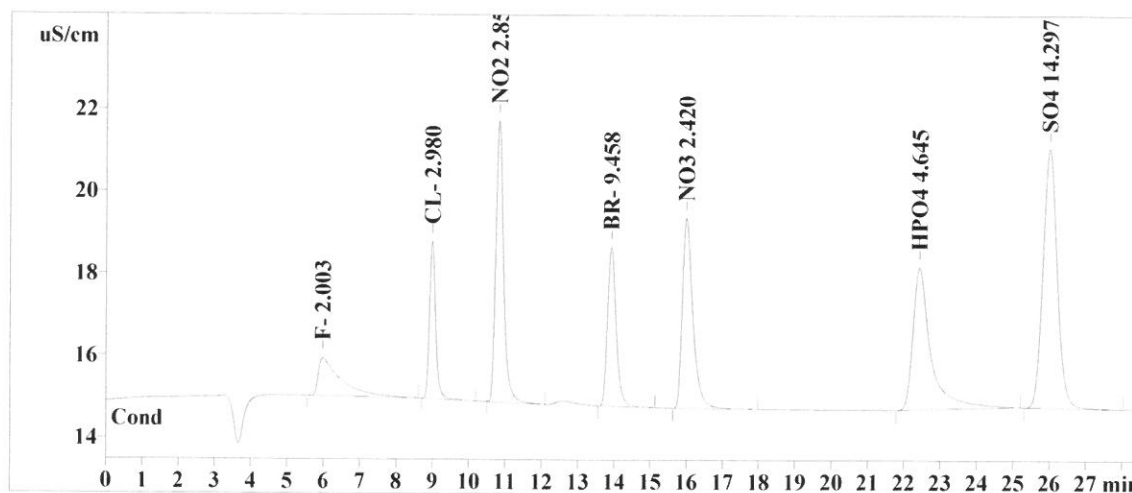
Ident: K3759-01MSD
 Analysis from: 7/11/2019 2:55:47 PM
 File: _2019-07-11_

Last save: 7/11/2019 3:24:06 PM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67783

Last save: 6/17/2019 2:43:48 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	5.98	0.571	0.92	3.08	40.054	6.25	0.
2	8.98	0.177	3.83	12.83	45.701	7.13	0.
3	10.81	0.217	6.84	22.94	100.925	15.75	0.
4	13.90	0.251	3.87	12.96	65.087	10.16	0.
5	15.98	0.297	4.62	15.49	93.622	14.61	0.
6	22.42	0.447	3.45	11.57	120.731	18.85	0.
7	25.98	0.421	6.30	21.11	174.525	27.24	0.
7	28.50	0.340	29.82	99.99	640.645	100.00	0.

This report has been created by IC Net
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Report date: 7/12/2019 9:42:20 AM
Printed by: wet

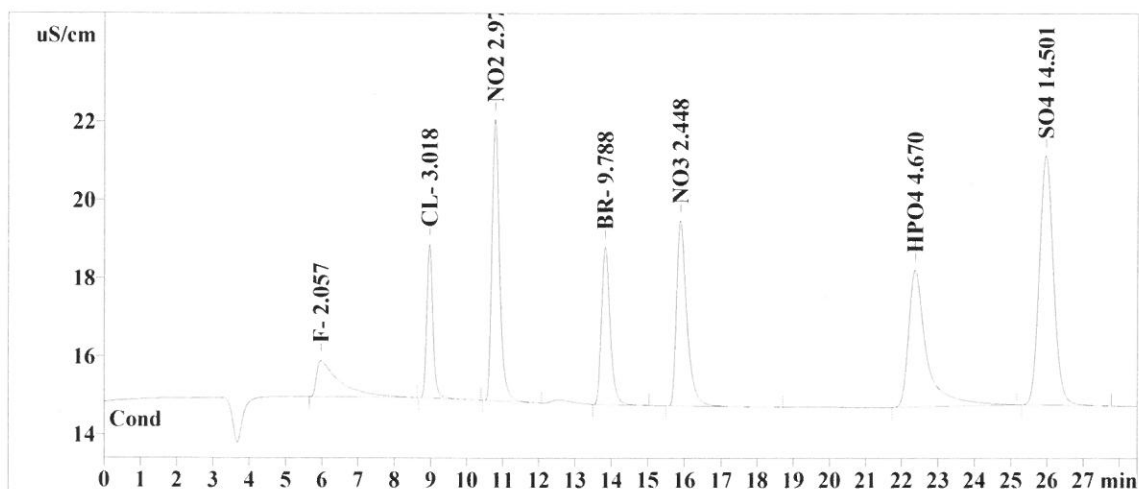
Ident: CCV
Analysis from: 7/11/2019 5:01:25 PM
File: _2019-07-11_

Last save: 7/11/2019 5:29:44 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67787

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	5.97	0.578	0.93	3.03	41.242	6.31	0.
2	8.96	0.174	3.93	12.81	46.312	7.09	0.
3	10.77	0.216	7.19	23.45	105.410	16.13	0.
4	13.81	0.250	4.03	13.14	67.444	10.32	0.
5	15.88	0.294	4.72	15.41	94.749	14.50	0.
6	22.36	0.447	3.49	11.39	121.281	18.56	0.
7	25.95	0.423	6.37	20.77	177.111	27.10	0.
7	28.50	0.340	30.66	99.99	653.548	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/12/2019 9:42:31 AM
Printed by: wet

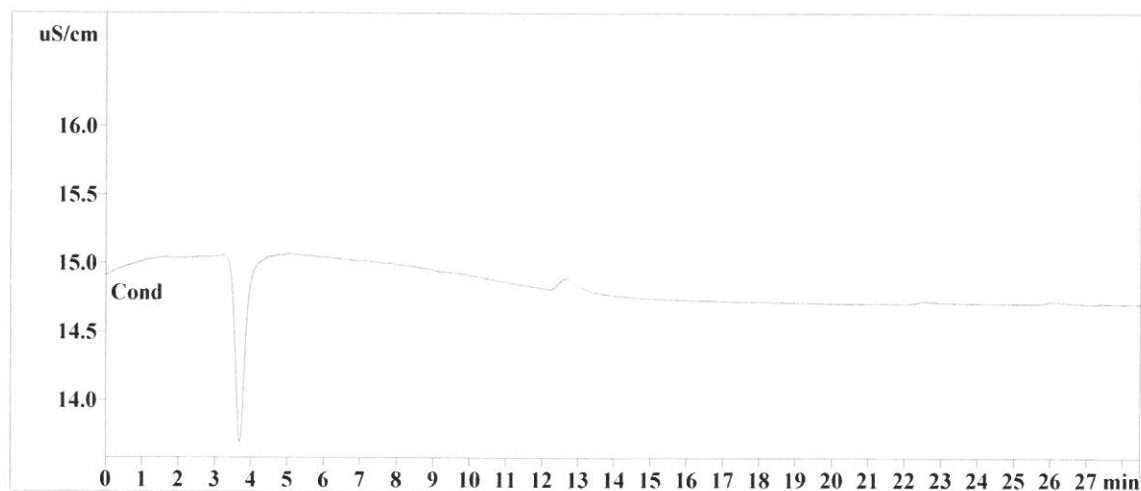
Ident: CCB
Analysis from: 7/11/2019 5:32:49 PM
File: _2019-07-11_

Last save: 7/11/2019 6:01:08 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67788

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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