

Clear table

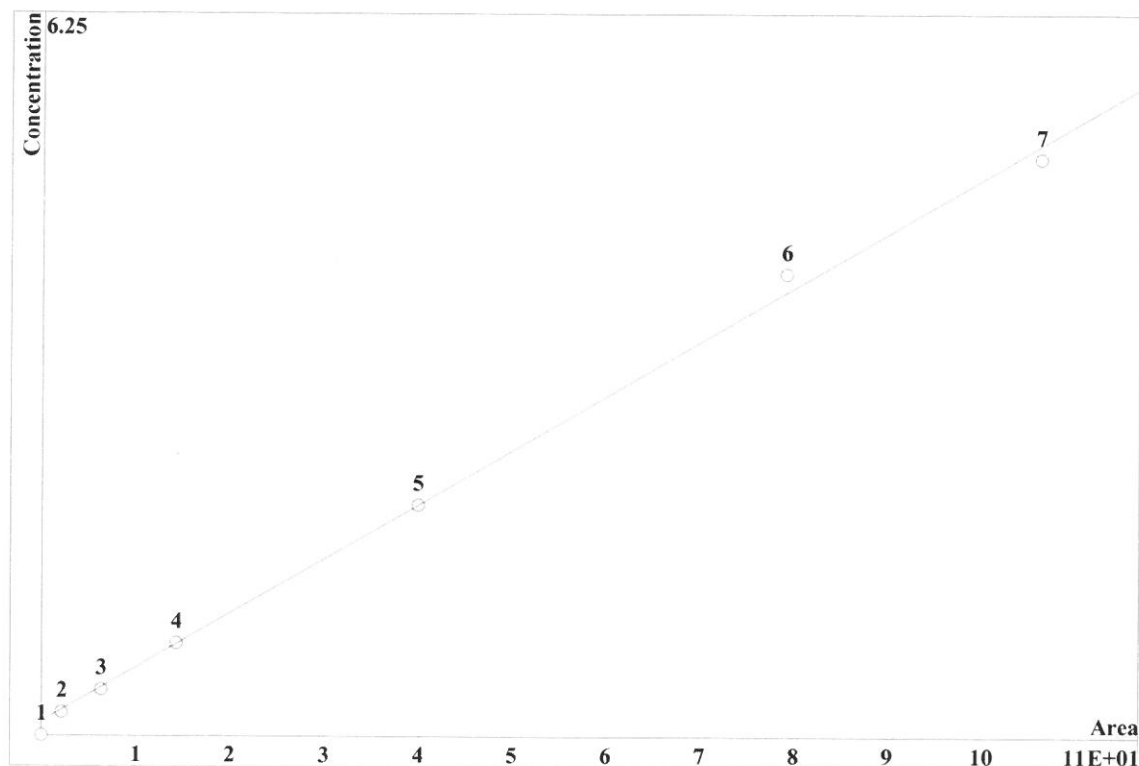
IC-1 300.0
07/24/19 AK

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	2019-07-15	7/15/19 9:32		AK/AP
STD2	0.2240	0.3570	0.3570	1.1780	0.2830	0.3020	1.7180	2019-07-15	7/15/19 10:04		AK/AP
STD3	0.4210	0.6120	0.6290	2.1050	0.5170	1.0050	3.0290	2019-07-15	7/15/19 10:35		AK/AP
STD4	0.7970	1.1860	1.1890	3.9550	0.9800	2.1300	5.8160	2019-07-15	7/15/19 11:07		AK/AP
STD5	2.0000	2.9420	2.9380	9.7590	2.4980	5.2300	15.2870	2019-07-15	7/15/19 11:38		AK/AP
STD6	3.8420	5.9200	5.8560	19.6470	4.8720	9.7600	28.9600	2019-07-15	7/15/19 13:54		AK/AP
STD7	5.1170	7.5840	7.6310	25.3560	6.3490	12.5730	38.1890	2019-07-15	7/15/19 14:26		AK/AP
ICV	1.9620	2.9670	2.9050	9.7450	2.4400	5.2580	14.7170	2019-07-15	7/15/19 14:57		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-15	7/15/19 15:28		AK/AP
CCV	1.9920	3.0190	2.9960	9.9310	2.4470	5.2190	14.6450	2019-07-23	7/23/19 8:55		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-23	7/23/19 9:36		AK/AP
LB104171BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-23	7/23/19 10:07		AK/AP
LB104171BSW	1.9560	2.9320	2.8760	9.5300	2.3840	5.3210	14.2890	2019-07-23	7/23/19 10:38		AK/AP
K3956-01	0.0000	0.3660	0.1560	0.0000	0.5450	0.0000	0.0000	2019-07-23	7/23/19 11:19		AK/AP
K3905-02	0.5450	199.4150	0.1820	0.5870	0.3770	0.0000	50.6760	2019-07-23	7/23/19 11:50		AK/AP
K3956-02	0.0000	0.1080	0.1420	0.0000	0.3370	0.0000	0.0000	2019-07-23	7/23/19 12:21		AK/AP
K3956-03	0.0000	0.1330	0.2360	0.0000	0.3760	0.0000	0.0000	2019-07-23	7/23/19 12:53		AK/AP
K3956-03DUP	0.0000	0.1310	0.2360	0.0000	0.3790	0.0000	0.0000	2019-07-23	7/23/19 13:24		AK/AP
K3956-03MS	2.0750	3.1380	3.1790	10.0810	2.8830	5.6190	15.1970	2019-07-23	7/23/19 13:56		AK/AP
K3956-03MSD	1.9950	3.0100	3.0350	9.7910	2.7570	5.3640	14.6300	2019-07-23	7/23/19 14:27		AK/AP
CCV	2.0290	2.9970	2.9980	10.0660	2.4490	5.4860	14.5480	2019-07-23	7/23/19 15:32		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-23	7/23/19 16:03		AK/AP
K3969-01	0.2470	121.0750	0.0000	0.6930	0.0000	0.0000	86.3340	2019-07-23	7/23/19 16:35		AK/AP
CCV	1.9790	2.9540	2.9350	9.7710	2.4320	5.3850	14.4590	2019-07-23	7/23/19 17:37		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-23	7/23/19 18:09		AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 0.940749 \cdot A + 2.44468$
 RSD: 4.816 %
 Correlation coefficient: 0.999020

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 07-15-19 AR



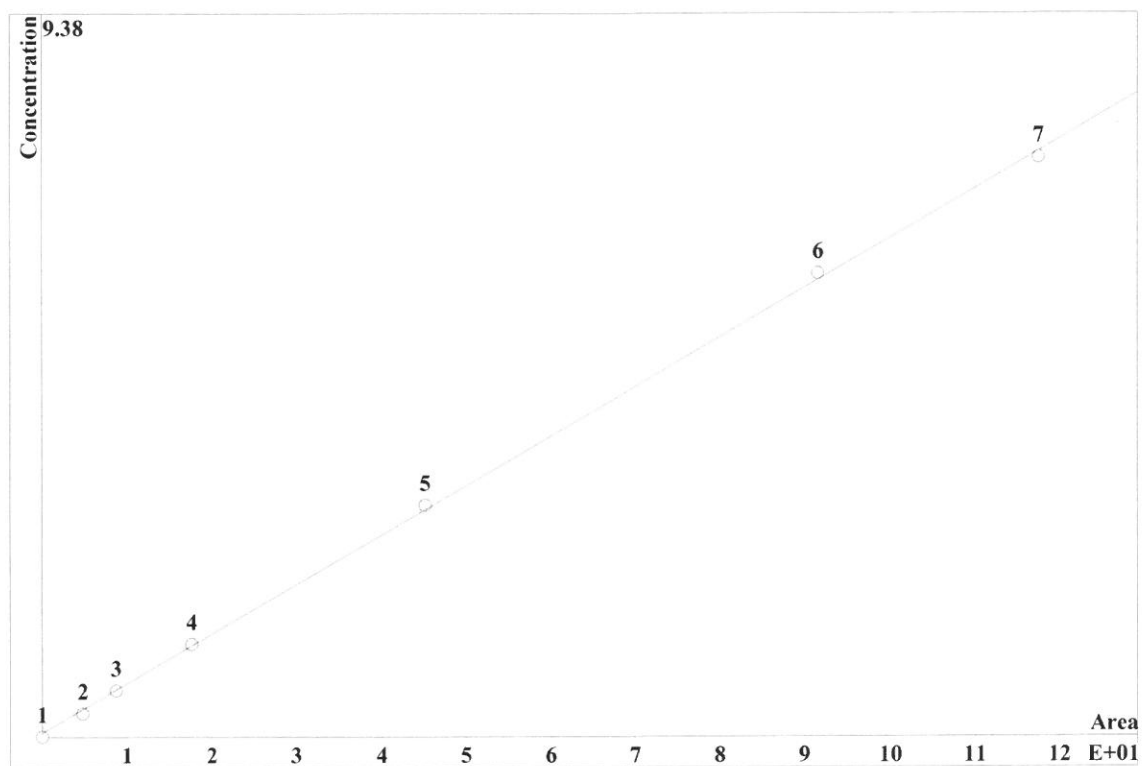
K3 = 0 K2 = 0 K1 = 0.940749 K0 = 2.44468

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	0.0643	2.165	0.2	20	5.998		Yes
3	0.1547	6.354	0.4	20	5.998		Yes
4	0.3183	14.34	0.8	20	5.998		Yes
5	0.838	39.92	2	20	5.998		Yes
6	1.803	79.08	4	20	5.998		Yes
7	2.259	106.2	5	20	5.998		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 1.28176 \cdot A + 1.02714$
 RSD: 2.305 %
 Correlation coefficient: 0.999775



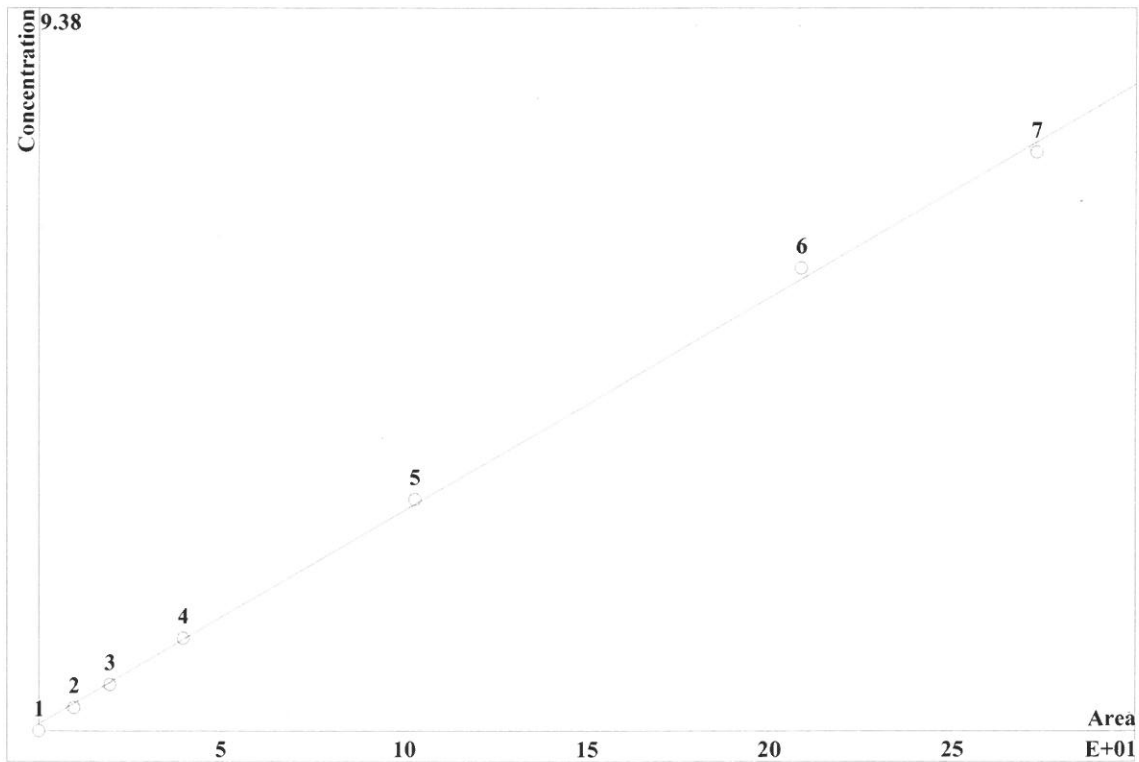
K3 = 0 K2 = 0 K1 = 1.28176 K0 = 1.02714

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	0.364	4.77	0.3	20	9.288		Yes
3	0.7231	8.748	0.6	20	9.288		Yes
4	1.463	17.7	1.2	20	9.288		Yes
5	3.814	45.1	3	20	9.288		Yes
6	8.095	91.57	6	20	9.288		Yes
7	10.56	117.5	7.5	20	9.288		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 0.552629 \cdot A + 1.83677$
 RSD: 3.450 %
 Correlation coefficient: 0.999497

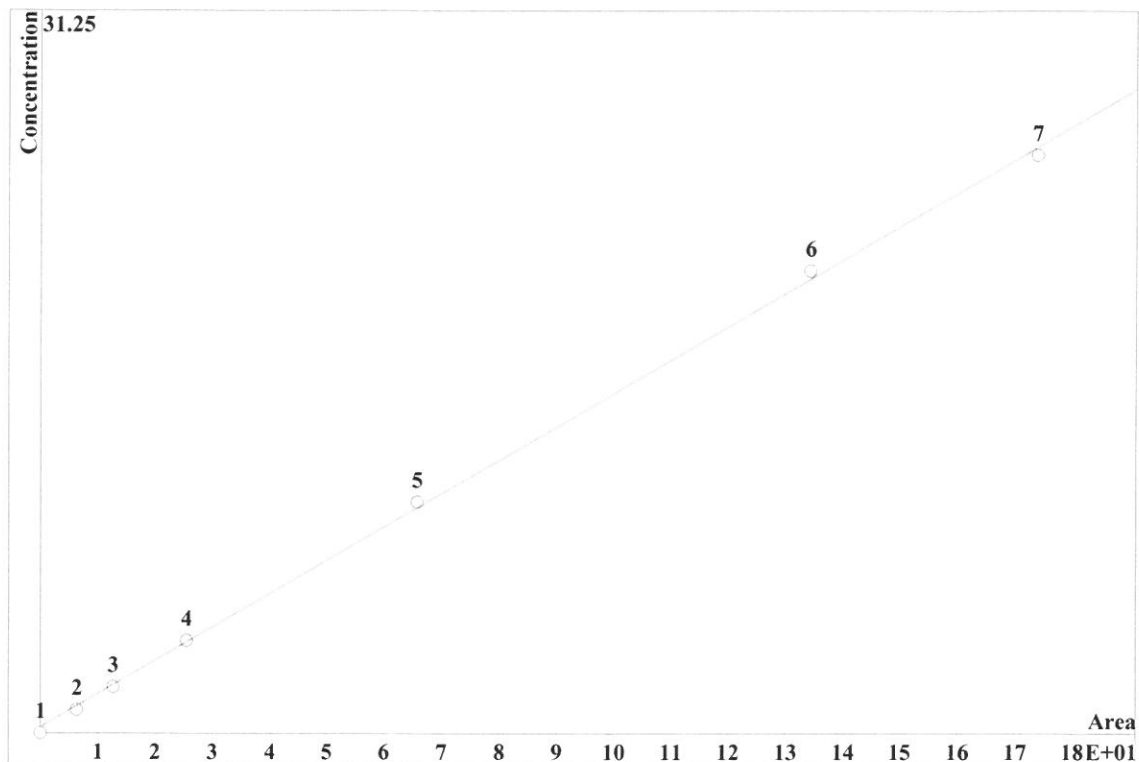


K3 = 0 K2 = 0 K1 = 0.552629 K0 = 1.83677
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.6571	9.585	0.3	20	11.29		Yes
3	1.334	19.46	0.6	20	11.29		Yes
4	2.709	39.69	1.2	20	11.29		Yes
5	6.926	103	3	20	11.29		Yes
6	13.9	208.6	6	20	11.29		Yes
7	17.72	272.8	7.5	20	11.29		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 2.88802 \cdot A + 5.29175$
 RSD: 2.880 %
 Correlation coefficient: 0.999649



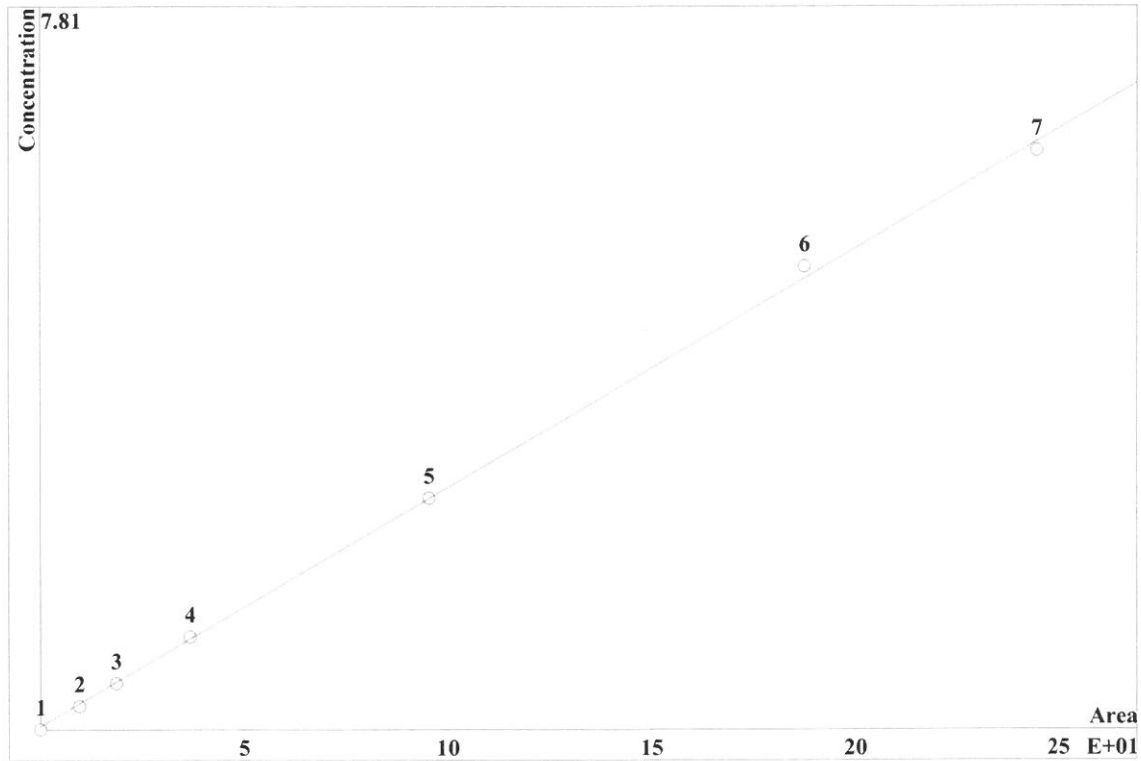
K3 = 0 K2 = 0 K1 = 2.88802 K0 = 5.29175

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	0.3368	6.325	1	20	14.64			Yes
3	0.6941	12.74	2	20	14.64			Yes
4	1.424	25.56	4	20	14.64			Yes
5	3.759	65.75	10	20	14.64			Yes
6	8.023	134.2	20	20	14.64			Yes
7	10.47	173.8	25	20	14.64			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 0.516182 \cdot A + 0.686505$
 RSD: 3.239 %
 Correlation coefficient: 0.999557

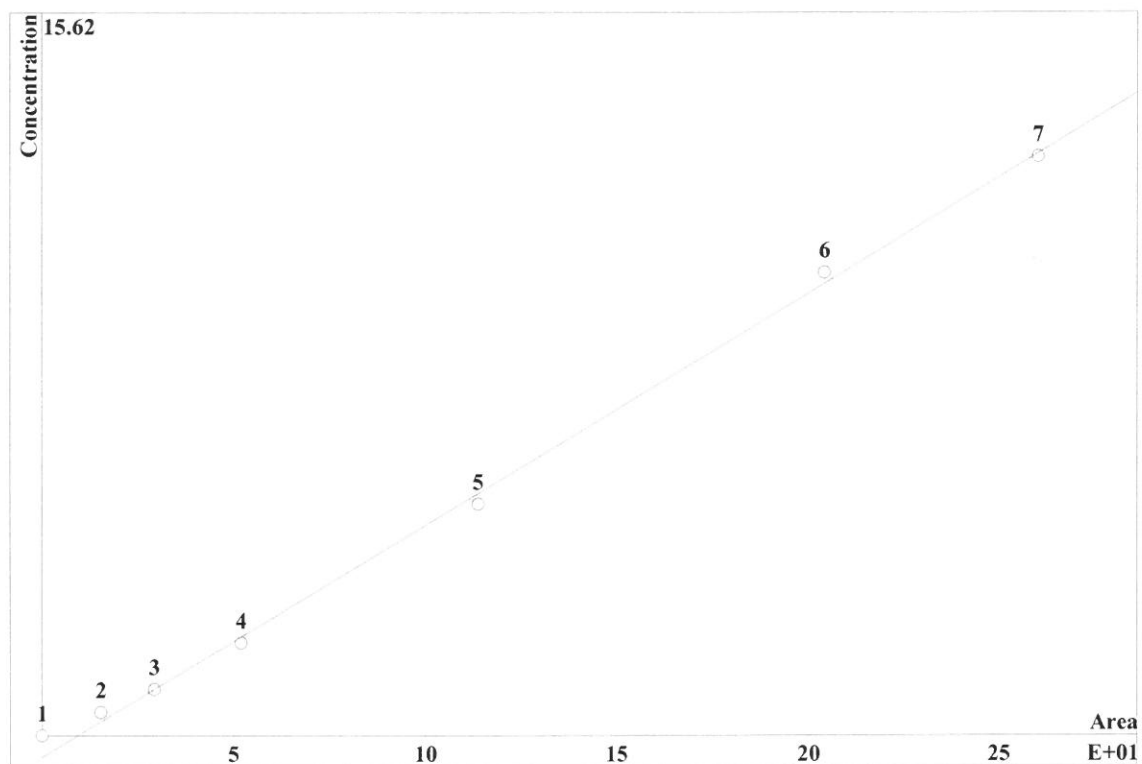


K3 = 0 K2 = 0 K1 = 0.516182 K0 = 0.686505
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.4278	9.64	0.25	20	17.05	Yes	
3	0.8383	18.7	0.5	20	17.05	Yes	
4	1.684	36.66	1	20	17.05	Yes	
5	4.475	95.47	2.5	20	17.05	Yes	
6	9.219	187.4	5	20	17.05	Yes	
7	12.17	244.7	6.25	20	17.05	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 1.00249 \cdot A - 9.45354$
 RSD: 4.013 %
 Correlation coefficient: 0.999319



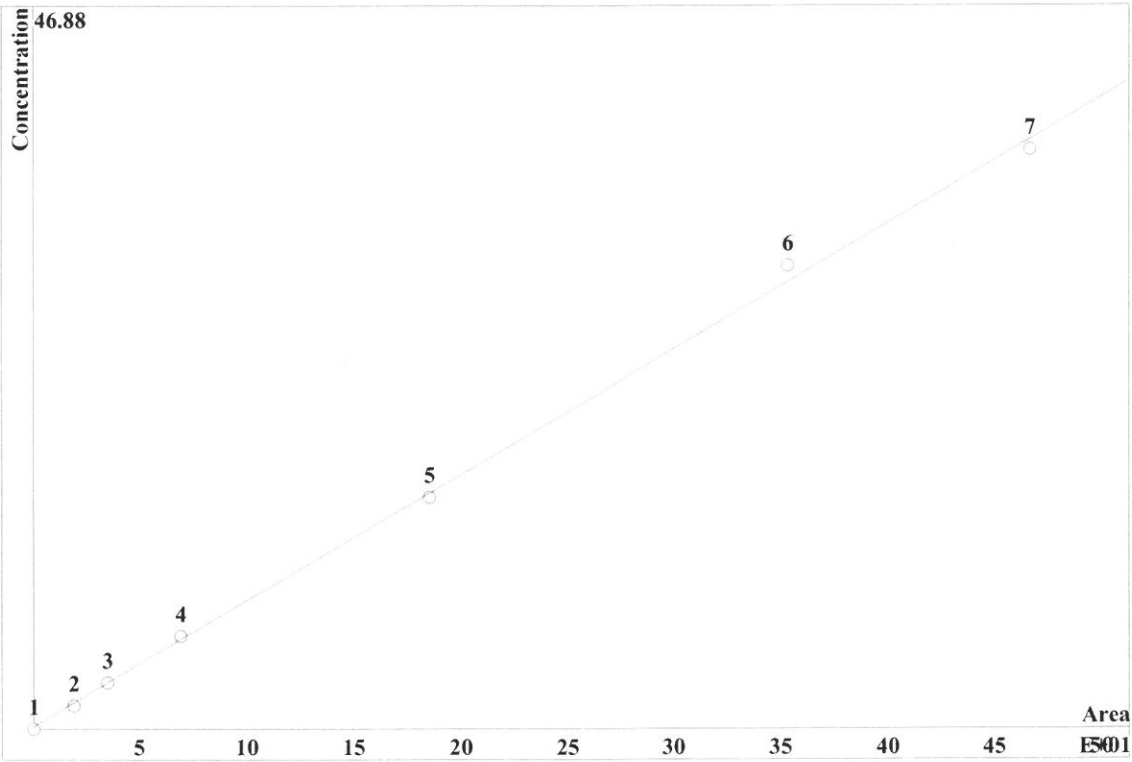
K3 = 0 K2 = 0 K1 = 1.00249 K0 = -9.45354

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	0.4034	15.45	0.5	20	23.3		Yes
3	0.8054	29.48	1	20	23.3		Yes
4	1.454	51.93	2	20	23.3		Yes
5	3.346	113.8	5	20	23.3		Yes
6	6.469	204.2	10	20	23.3		Yes
7	8.227	260.3	12.5	20	23.3		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 07-15-19.mtw
Equation: Q = 1.63049·A + 3.16066
RSD: 4.231 %
Correlation coefficient: 0.999243



K3 = 0 K2 = 0 K1 = 1.63049 K0 = 3.16066
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	0.6596	19.13	1.5	20	27.39	Yes	
3	1.227	35.22	3	20	27.39	Yes	
4	2.43	69.41	6	20	27.39	Yes	
5	6.671	185.6	15	20	27.39	Yes	
6	13.05	353.3	30	20	27.39	Yes	
7	17.1	466.5	37.5	20	27.39	Yes	

Report date: 7/16/2019 9:46:33 AM
Printed by: wet

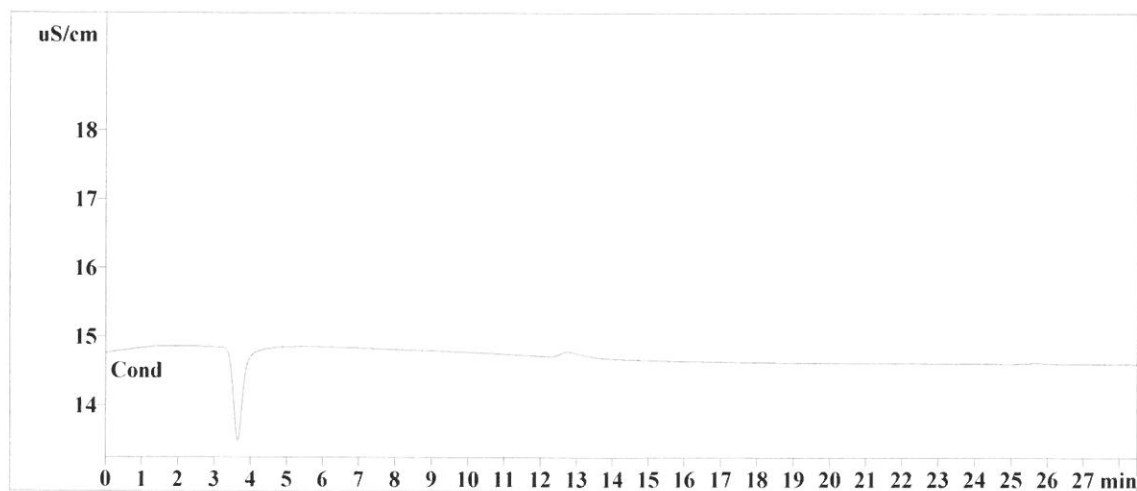
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67826

Last save: 7/15/2019 8:58:48 AM

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: 7/16/2019 9:46:40 AM
Printed by: wet

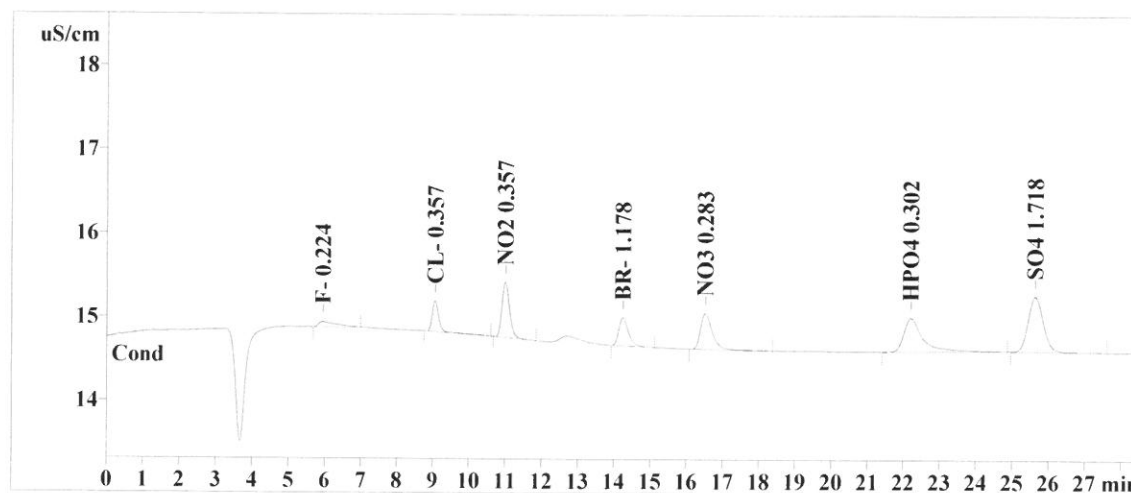
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Analysis from: 7/15/2019 10:04:16 AM
File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67827

Last save: 7/15/2019 8:58:48 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.93	0.551	0.06	2.18	2.165	3.23	0.
2	9.06	0.184	0.36	12.47	4.770	7.11	0.
3	10.99	0.220	0.66	22.55	9.585	14.29	0.
4	14.24	0.281	0.34	11.55	6.325	9.43	0.
5	16.52	0.329	0.43	14.66	9.640	14.38	0.
6	22.20	0.485	0.40	13.82	15.446	23.03	0.
7	25.63	0.441	0.66	22.63	19.129	28.53	0.
7	28.50	0.356	2.91	99.86	67.059	100.00	0.

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Report date: 7/16/2019 9:47:02 AM
Printed by: wet

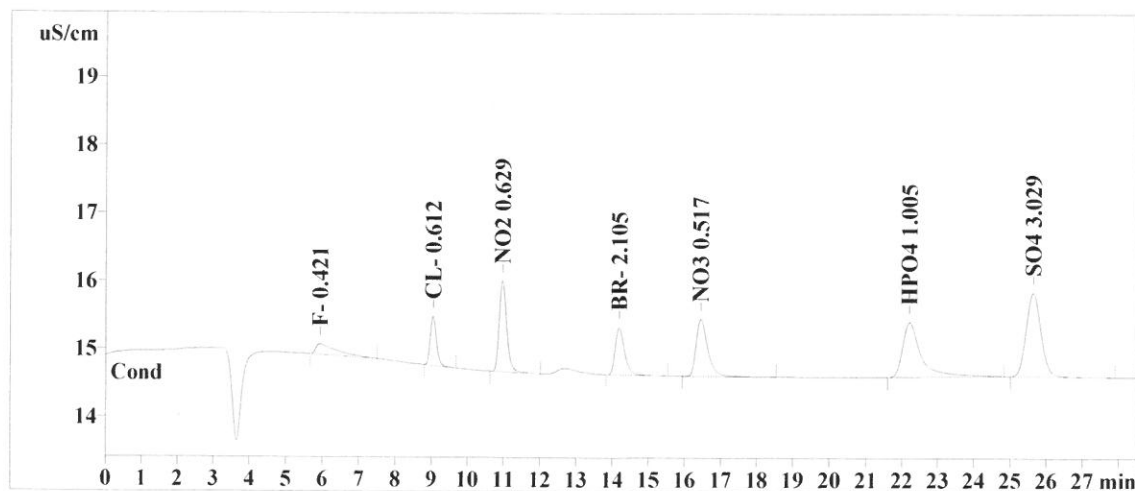
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Analysis from: 7/15/2019 10:35:41 AM
File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67828

Last save: 7/15/2019 8:58:48 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	5.94	0.590	0.15	2.67	6.354	4.86	0.
2	9.04	0.182	0.72	12.51	8.748	6.69	0.
3	10.96	0.219	1.33	23.09	19.456	14.89	0.
4	14.18	0.273	0.69	12.00	12.745	9.75	0.
5	16.44	0.326	0.84	14.50	18.704	14.31	0.
6	22.20	0.469	0.81	13.94	29.481	22.55	0.
7	25.62	0.437	1.23	21.25	35.219	26.95	0.
7	28.50	0.357	5.77	99.97	130.706	100.00	0.

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Report date: 7/16/2019 9:48:03 AM
Printed by: wet

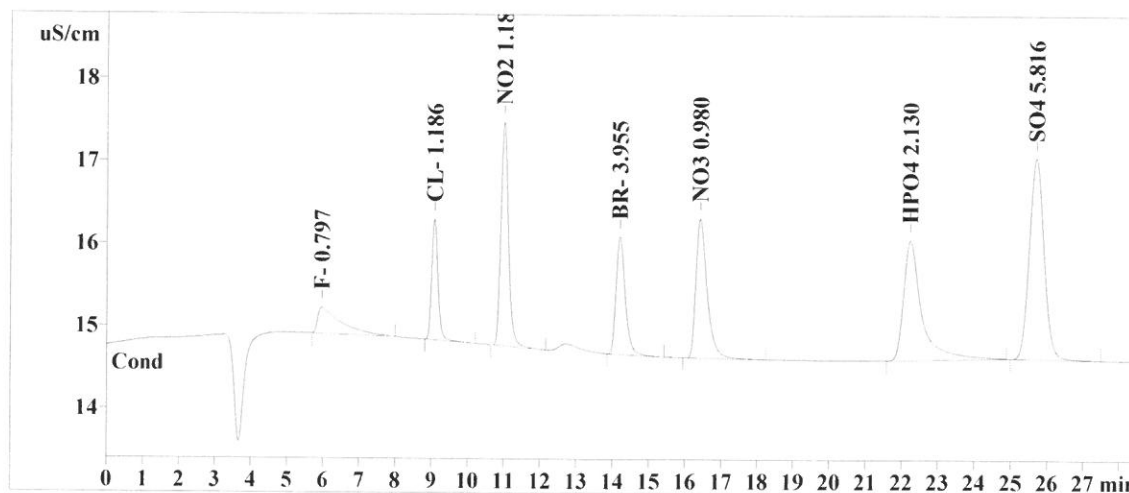
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67829

Last save: 7/15/2019 8:58:48 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	5.96	0.612	0.32	2.76	14.336	5.62	0.
2	9.07	0.180	1.46	12.74	17.697	6.93	0.
3	10.98	0.219	2.71	23.58	39.695	15.55	0.
4	14.19	0.268	1.42	12.40	25.555	10.01	0.
5	16.40	0.319	1.68	14.66	36.660	14.36	0.
6	22.23	0.462	1.45	12.66	51.933	20.34	0.
7	25.67	0.436	2.43	21.16	69.405	27.19	0.
7	28.50	0.356	11.48	99.97	255.282	100.00	0.

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Report date: 7/16/2019 9:48:14 AM
Printed by: wet

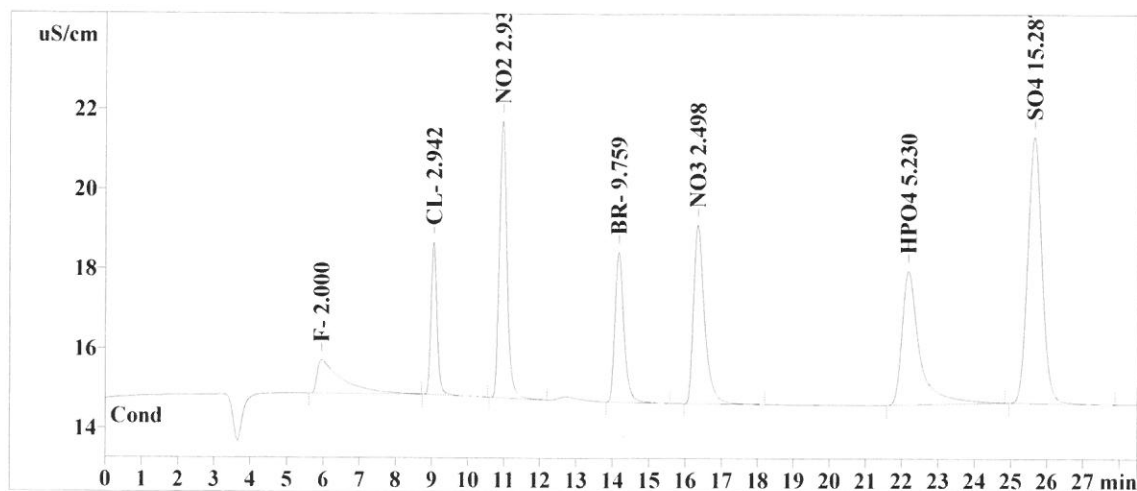
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67830

Last save: 7/15/2019 8:58:48 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	5.95	0.615	0.84	2.81	39.918	6.15	0.
2	9.04	0.176	3.81	12.79	45.101	6.95	0.
3	10.94	0.222	6.93	23.22	103.008	15.88	0.
4	14.16	0.260	3.76	12.60	65.751	10.14	0.
5	16.32	0.313	4.47	15.00	95.470	14.72	0.
6	22.18	0.443	3.35	11.22	113.770	17.54	0.
7	25.63	0.424	6.67	22.36	185.580	28.61	0.
7	28.50	0.350	29.83	99.99	648.598	100.00	0.

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Report date: 7/16/2019 9:48:23 AM
Printed by: wet

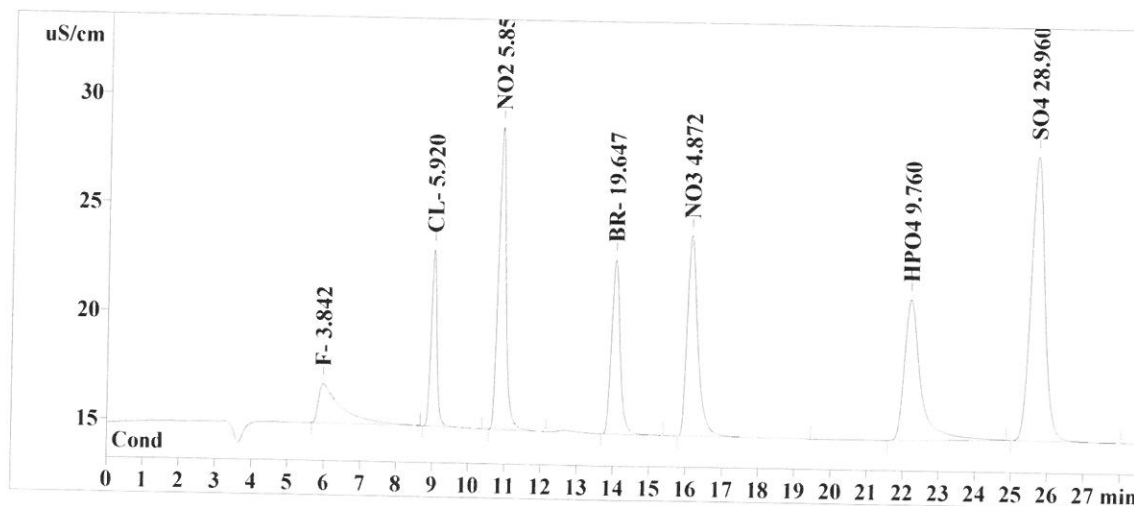
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67835

Last save: 7/15/2019 8:58:48 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	5.96	0.566	1.80	2.98	79.078	6.28	0.
2	9.00	0.169	8.09	13.37	91.570	7.28	0.
3	10.85	0.224	13.90	22.95	208.623	16.58	0.
4	14.02	0.250	8.02	13.25	134.226	10.67	0.
5	16.10	0.294	9.22	15.22	187.437	14.90	0.
6	22.18	0.418	6.47	10.68	204.154	16.22	0.
7	25.66	0.411	13.05	21.55	353.297	28.08	0.
7	28.50	0.333	60.55	100.00	1258.385	100.00	0.

This report has been created by IC Net
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Report date: 7/16/2019 9:48:30 AM
 Printed by: wet

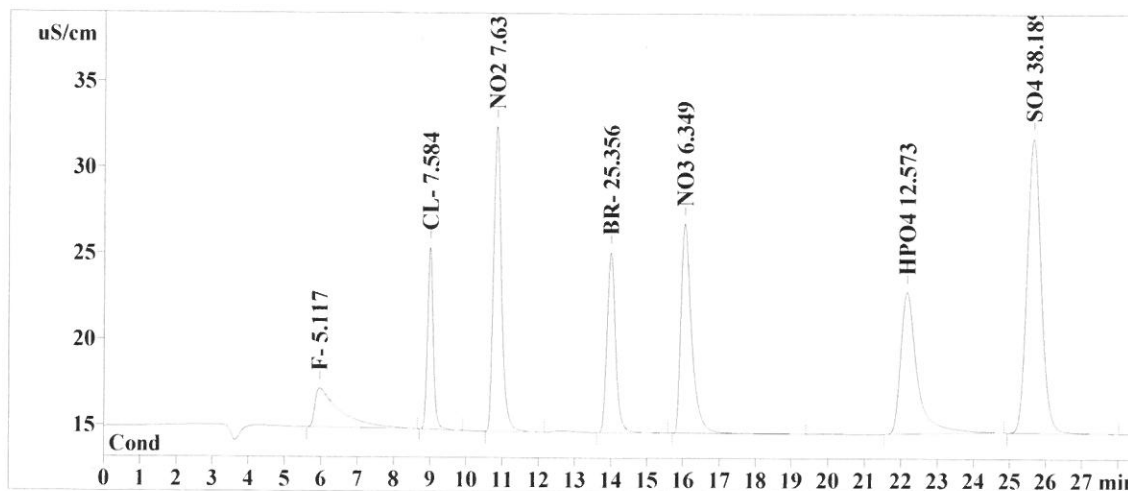
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 File: _2019-07-15_

Last save: 7/15/2019 3:05:50 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67836

Last save: 7/15/2019 3:05:48 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	5.97	0.614	2.26	2.88	106.177	6.47	0.
2	8.99	0.166	10.56	13.45	117.531	7.16	0.
3	10.82	0.230	17.72	22.57	272.838	16.62	0.
4	13.98	0.248	10.47	13.34	173.764	10.58	0.
5	16.03	0.291	12.17	15.50	244.672	14.90	0.
6	22.15	0.422	8.23	10.48	260.256	15.85	0.
7	25.63	0.416	17.10	21.78	466.499	28.41	0.
7	28.50	0.341	78.51	100.00	1641.738	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/16/2019 9:51:31 AM
 Printed by: wet

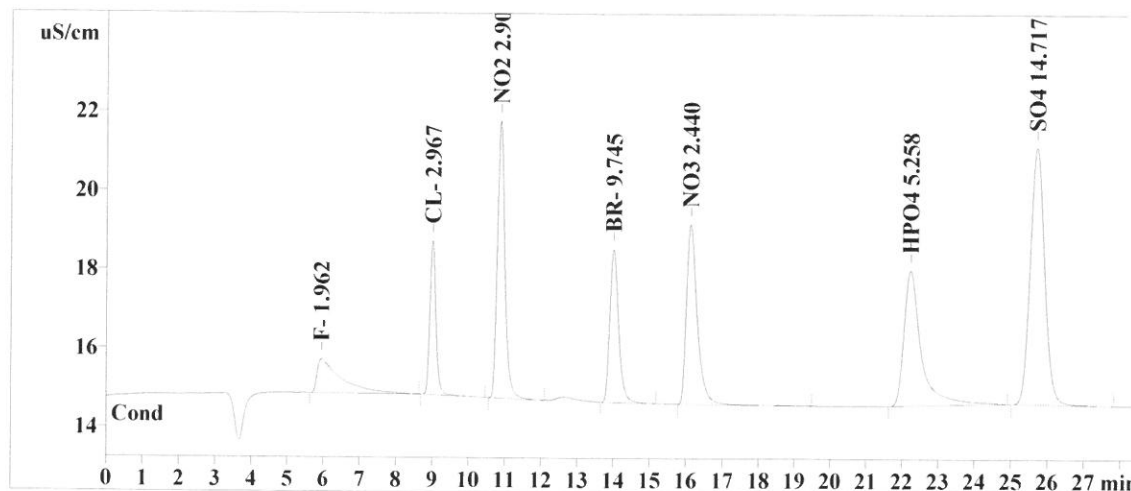
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Last save: 7/15/2019 3:25:44 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67837

Last save: 7/15/2019 2:54:18 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	5.95	0.596	0.86	2.86	39.875	6.24	0.
2	9.00	0.174	3.89	12.93	45.489	7.12	0.
3	10.86	0.216	7.01	23.28	101.827	15.94	0.
4	13.99	0.253	3.88	12.87	65.653	10.28	0.
5	16.11	0.298	4.56	15.12	93.204	14.59	0.
6	22.22	0.434	3.43	11.37	114.320	17.89	0.
7	25.69	0.418	6.50	21.58	178.589	27.95	0.
7	28.50	0.341	30.13	99.99	638.958	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/16/2019 9:51:45 AM
Printed by: wet

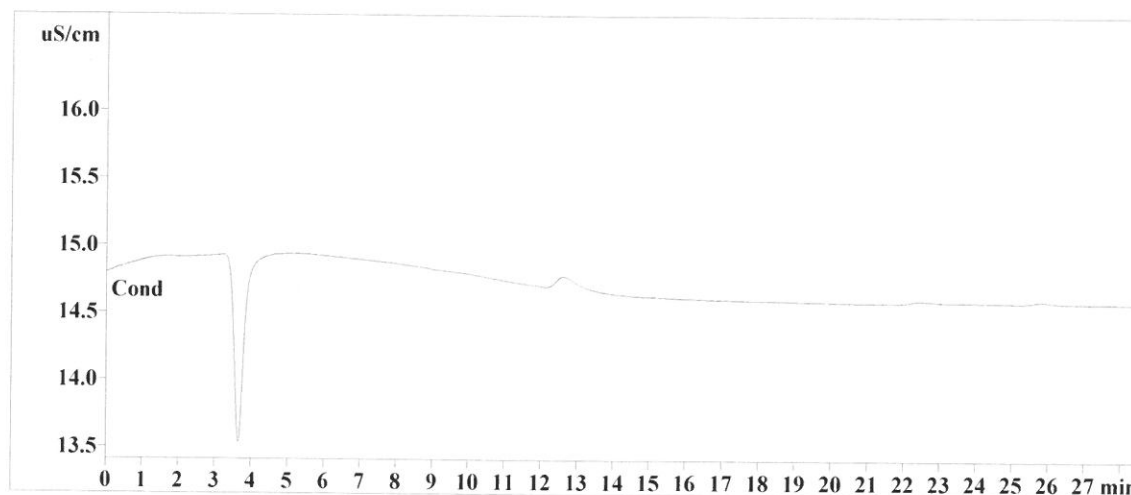
Ident: ICB
Analysis from: 7/15/2019 3:28:49 PM
File: _2019-07-15_

Last save: 7/16/2019 9:51:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67838

Last save: 7/15/2019 3:05:48 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: 7/24/2019 8:20:25 AM
Printed by: wet

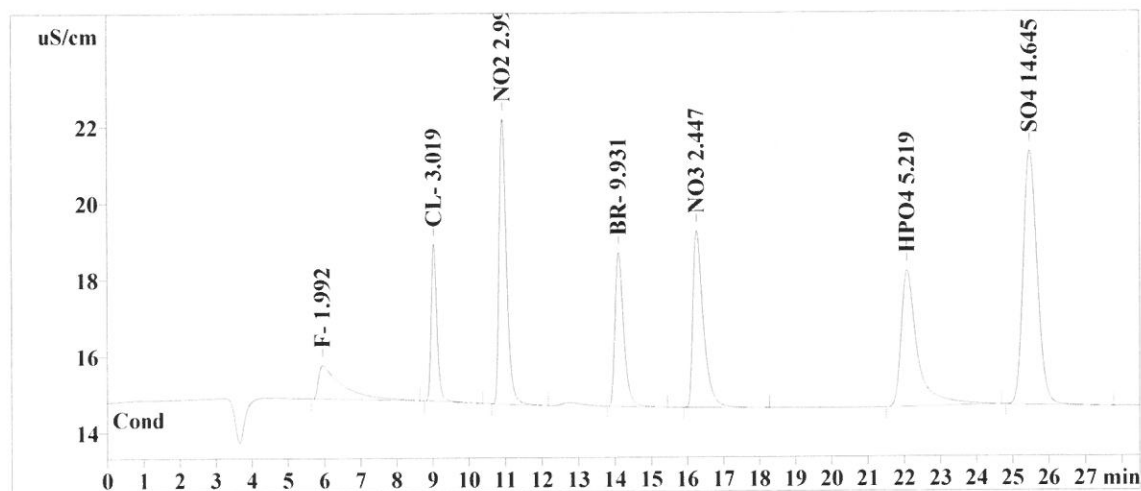
Ident: CCV
Analysis from: 7/23/2019 8:55:19 AM
File: _2019-07-23_

Last save: 7/23/2019 9:23:38 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67973

Last save: 7/15/2019 3:05:48 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	5.95	0.586	0.88	2.81	39.759	6.19	0.
2	9.04	0.168	4.10	13.11	46.306	7.20	0.
3	10.92	0.211	7.44	23.81	105.087	16.35	0.
4	14.10	0.248	4.01	12.84	66.940	10.41	0.
5	16.26	0.296	4.61	14.76	93.482	14.54	0.
6	22.09	0.416	3.56	11.40	113.546	17.66	0.
7	25.48	0.408	6.64	21.26	177.697	27.64	0.
7	28.50	0.333	31.24	100.00	642.817	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/24/2019 8:20:33 AM
Printed by: wet

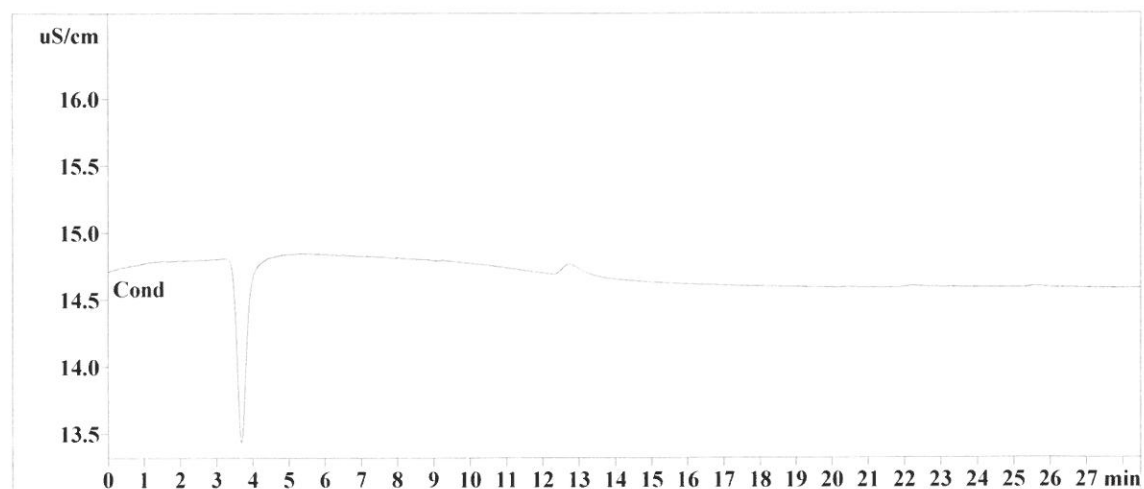
Ident: CCB
Analysis from: 7/23/2019 9:36:03 AM
File: _2019-07-23_

Last save: 7/23/2019 10:04:22 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67974

Last save: 7/15/2019 3:05:48 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: 7/24/2019 8:20:42 AM
Printed by: wet

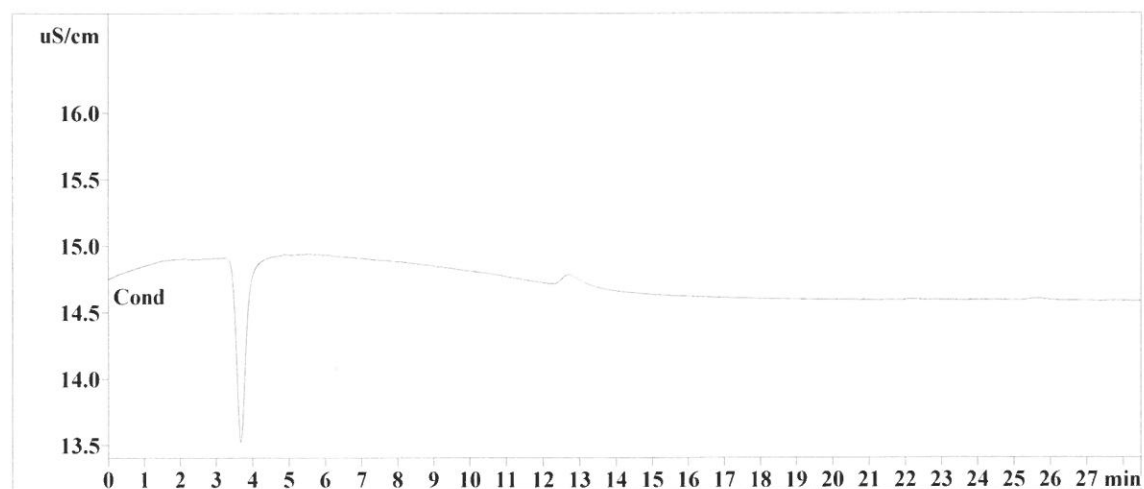
Ident: LB104171BLW
Analysis from: 7/23/2019 10:07:27 AM
File: _2019-07-23_

Last save: 7/23/2019 4:16:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67975

Last save: 7/15/2019 3:05:48 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: 7/24/2019 8:20:50 AM

Printed by: wet

Ident: LB104171BSW

Analysis from: 7/23/2019 10:38:52 AM

File: _2019-07-23_

Last save: 7/23/2019 4:16:32 PM

Method: ANIONS 07-15-19.mtw

Last save: 7/15/2019 3:05:48 PM

Run operator: wet

Analysis number: 67976

SAMPLE:

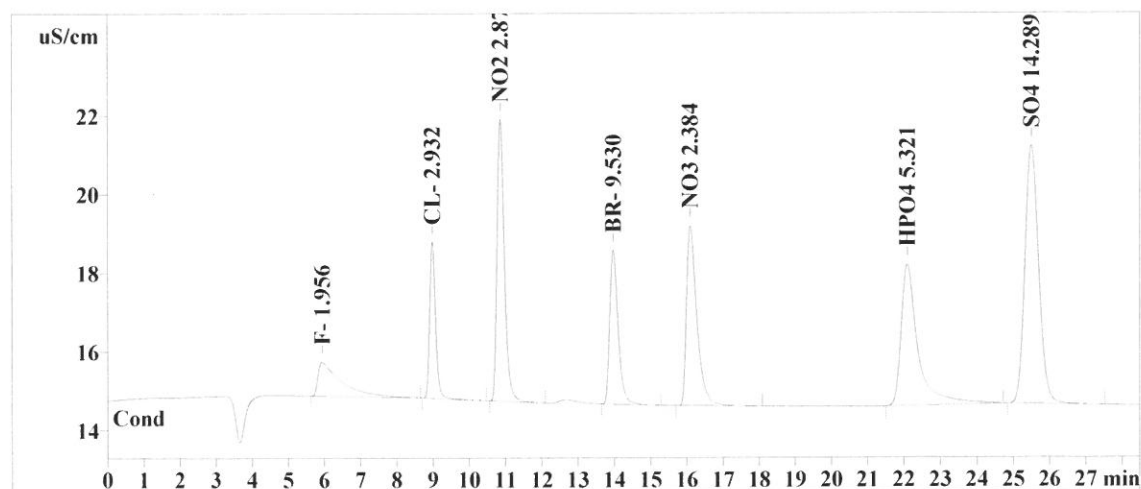
: AK/AP

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	5.94	0.596	0.86	2.81	38.989	6.20	0.
2	8.98	0.168	3.97	12.97	44.949	7.15	0.
3	10.85	0.210	7.16	23.37	100.759	16.02	0.
4	13.97	0.244	3.92	12.77	64.163	10.20	0.
5	16.10	0.292	4.57	14.92	91.025	14.48	0.
6	22.10	0.417	3.60	11.73	115.579	18.38	0.
7	25.49	0.402	6.57	21.42	173.330	27.57	0.
7	28.50	0.332	30.65	99.99	628.794	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/24/2019 8:20:59 AM

Printed by: wet

Ident: K3956-01

Analysis from: 7/23/2019 11:19:03 AM

File: _2019-07-23_

Last save: 7/23/2019 11:47:22 AM

Method: ANIONS 07-15-19.mtw

Last save: 7/15/2019 3:05:48 PM

Run operator: wet

Analysis number: 67977

SAMPLE:

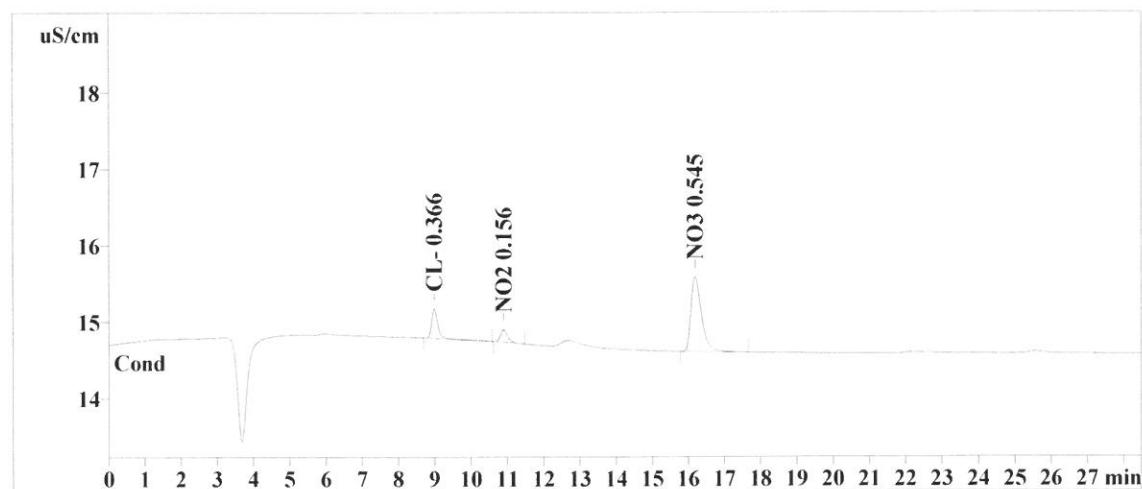
: AK/AP

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	9.00	0.173	0.39	25.37	4.917	18.19	0.
3	10.90	0.208	0.16	10.76	2.320	8.58	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.19	0.299	0.98	63.83	19.799	73.23	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	0.097	1.53	99.96	27.036	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/24/2019 8:21:48 AM
Printed by: wet

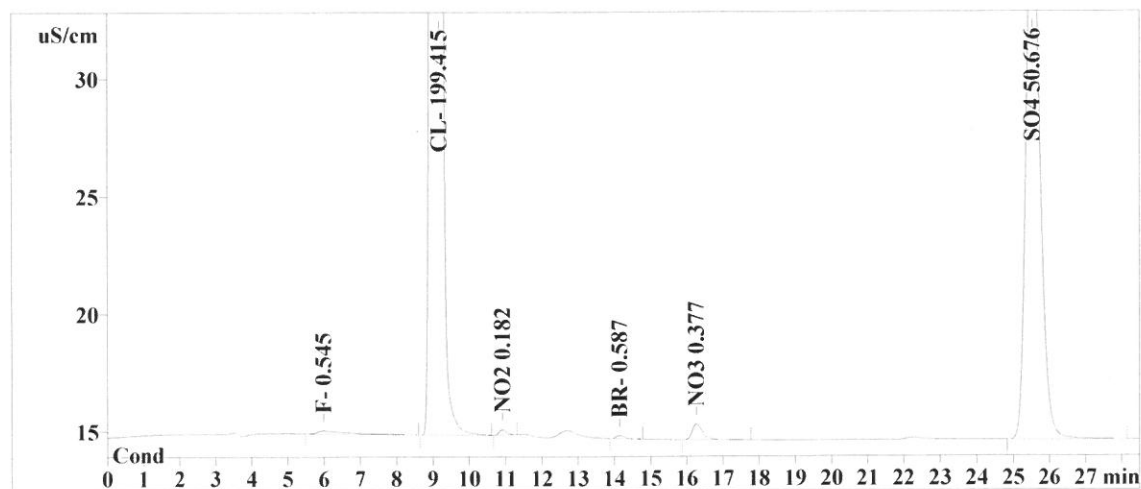
Ident: K3905-02
Analysis from: 7/23/2019 11:50:28 AM
File: _2019-07-23_

Last save: 7/24/2019 8:21:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67978

Last save: 7/15/2019 3:05:48 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	0.767	0.14	0.06	8.987	0.24	0.
2	9.17	0.229	215.40	89.67	3110.777	82.77	0.
3	10.90	0.219	0.23	0.09	3.248	0.09	0.
4	14.15	0.245	0.14	0.06	2.235	0.06	0.
5	16.27	0.294	0.67	0.28	13.281	0.35	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.53	0.400	23.60	9.82	619.670	16.49	0.
7	28.50	0.308	240.17	99.98	3758.197	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/24/2019 8:22:13 AM
Printed by: wet

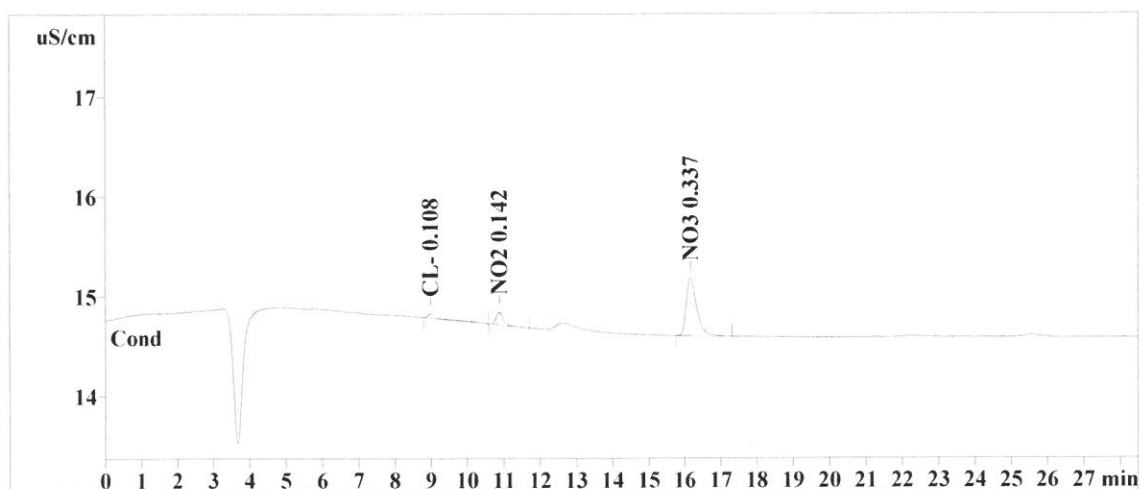
Ident: K3956-02
Analysis from: 7/23/2019 12:21:52 PM
File: _2019-07-23_

Last save: 7/24/2019 8:22:10 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67979

Last save: 7/15/2019 3:05:48 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	8.98	0.176	0.04	5.48	0.887	6.15	0.
3	10.87	0.208	0.13	17.03	1.806	12.52	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.16	0.301	0.58	77.24	11.733	81.33	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	0.098	0.74	99.74	14.425	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/24/2019 8:23:13 AM
Printed by: wet

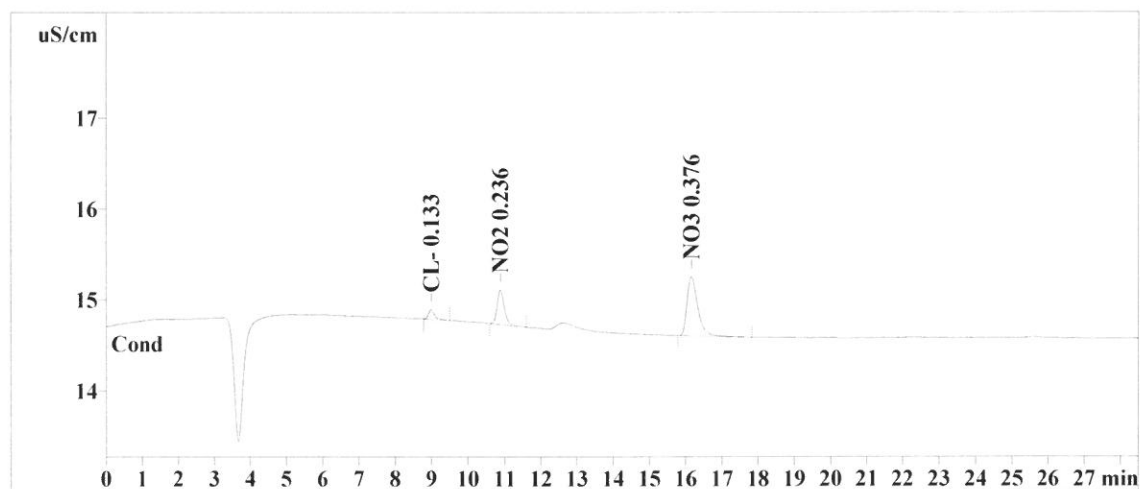
Ident: K3956-03
Analysis from: 7/23/2019 12:53:17 PM
File: _2019-07-23_

Last save: 7/24/2019 8:23:14 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67980

Last save: 7/15/2019 3:05:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.99	0.175	0.11	9.34	1.272	6.45	0.
3	10.87	0.207	0.38	33.22	5.219	26.47	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.15	0.298	0.65	57.25	13.228	67.08	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	0.097	1.13	99.81	19.719	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/24/2019 8:23:30 AM
 Printed by: wet

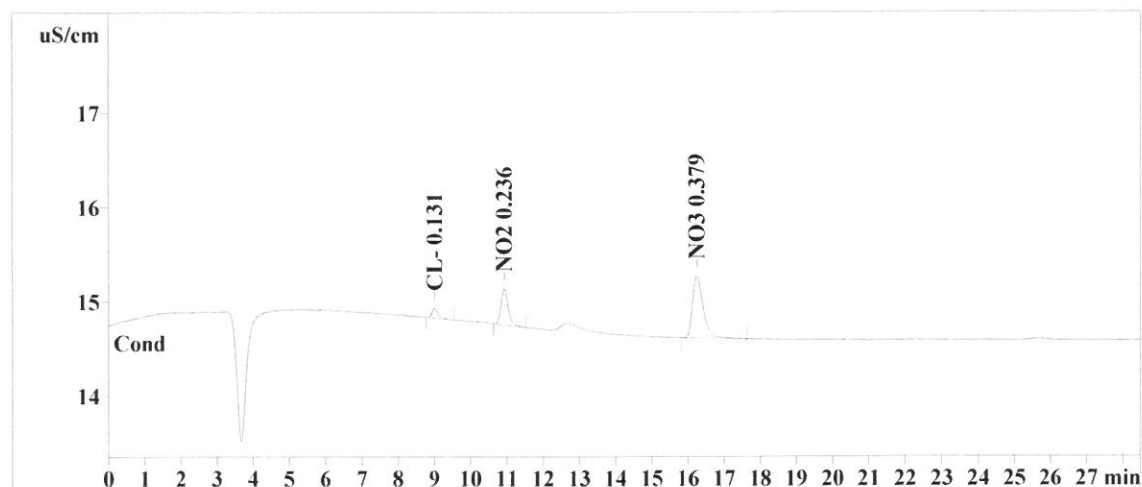
Ident: K3956-03DUP
 Analysis from: 7/23/2019 1:24:41 PM
 File: _2019-07-23_

Last save: 7/23/2019 1:53:00 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67981

Last save: 7/15/2019 3:05:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.01	0.174	0.10	9.11	1.237	6.24	0.
3	10.92	0.209	0.38	33.23	5.218	26.33	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.24	0.301	0.65	57.49	13.364	67.43	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	0.098	1.13	99.83	19.819	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/24/2019 8:23:41 AM
 Printed by: wet

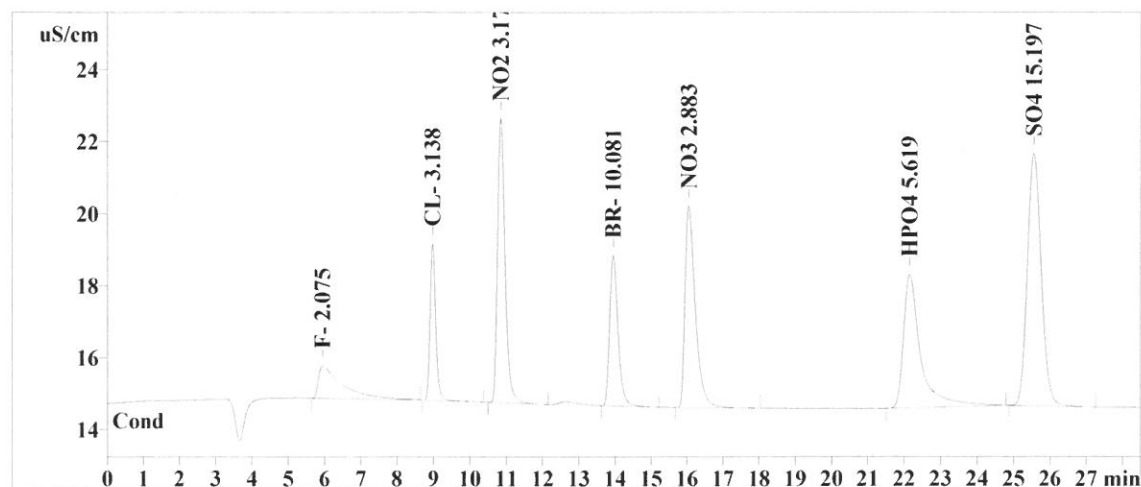
Ident: K3956-03MS
 Analysis from: 7/23/2019 1:56:05 PM
 File: _2019-07-23_

Last save: 7/23/2019 2:24:24 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67982

Last save: 7/15/2019 3:05:48 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	5.95	0.601	0.90	2.69	41.512	6.05	0.
2	8.98	0.165	4.35	12.93	48.169	7.02	0.
3	10.83	0.211	7.89	23.48	111.719	16.29	0.
4	13.94	0.242	4.17	12.42	67.983	9.91	0.
5	16.05	0.289	5.59	16.63	110.361	16.09	0.
6	22.16	0.423	3.70	11.00	121.522	17.72	0.
7	25.55	0.402	7.00	20.84	184.468	26.90	0.
7	28.50	0.333	33.61	100.00	685.733	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/24/2019 8:23:50 AM
Printed by: wet

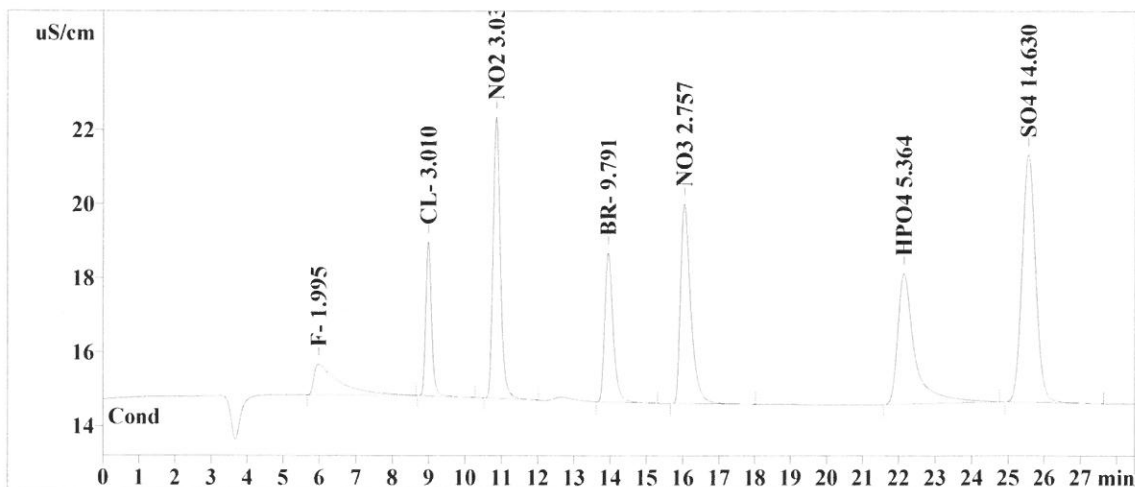
Ident: K3956-03MSD
Analysis from: 7/23/2019 2:27:30 PM
File: _2019-07-23_

Last save: 7/23/2019 2:55:48 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67983

Last save: 7/15/2019 3:05:48 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	5.98	0.630	0.83	2.56	39.810	6.05	0.
2	8.99	0.165	4.16	12.91	46.160	7.02	0.
3	10.83	0.209	7.59	23.59	106.497	16.19	0.
4	13.94	0.245	4.02	12.48	65.970	10.03	0.
5	16.03	0.287	5.39	16.73	105.504	16.04	0.
6	22.14	0.422	3.53	10.96	116.442	17.70	0.
7	25.54	0.405	6.68	20.76	177.520	26.98	0.
7	28.50	0.337	32.19	100.00	657.902	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/24/2019 8:26:41 AM
 Printed by: wet

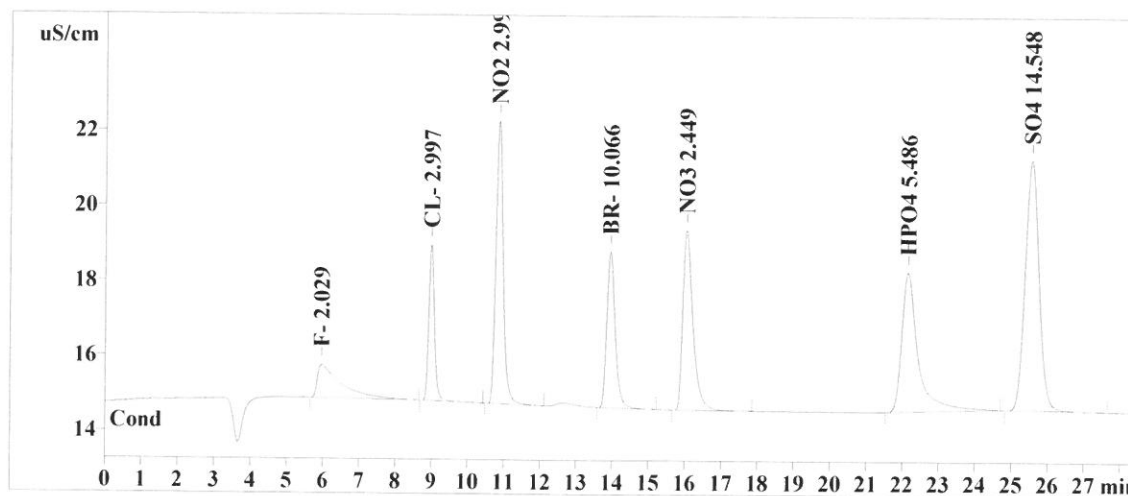
Ident: CCV
 Analysis from: 7/23/2019 3:32:19 PM
 File: _2019-07-23_

Last save: 7/24/2019 8:26:42 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67985

Last save: 7/15/2019 3:05:48 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	0.602	0.88	2.77	40.528	6.25	0.
2	8.99	0.165	4.15	13.01	45.966	7.09	0.
3	10.83	0.208	7.53	23.63	105.191	16.22	0.
4	13.94	0.243	4.16	13.04	67.873	10.47	0.
5	16.03	0.287	4.78	15.01	93.559	14.43	0.
6	22.14	0.416	3.71	11.64	118.882	18.33	0.
7	25.53	0.405	6.66	20.89	176.513	27.22	0.
7	28.50	0.332	31.86	100.00	648.511	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/24/2019 8:26:50 AM
Printed by: wet

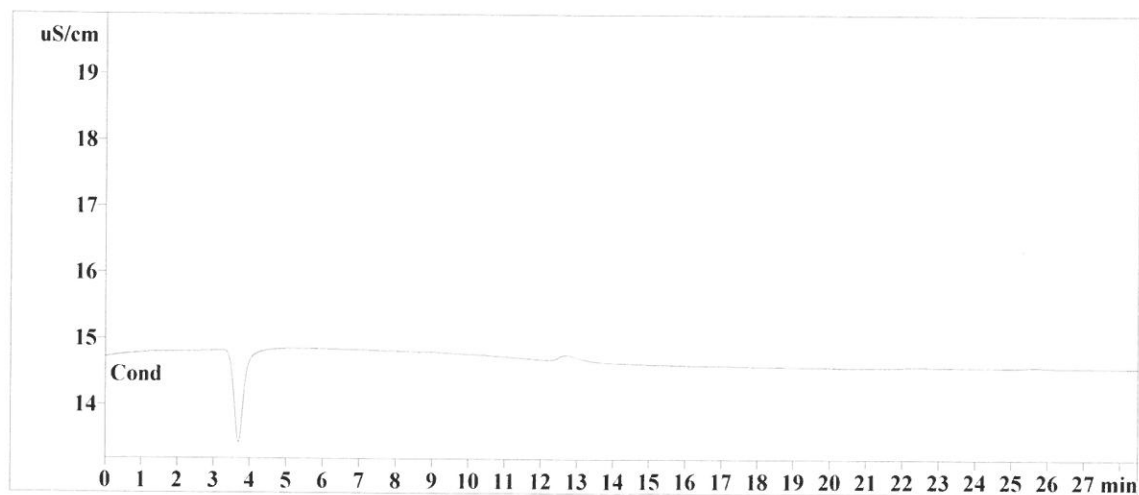
Ident: CCB
Analysis from: 7/23/2019 4:03:44 PM
File: _2019-07-23_

Last save: 7/23/2019 4:32:02 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67986

Last save: 7/15/2019 3:05:48 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: 7/24/2019 8:33:55 AM
 Printed by: wet

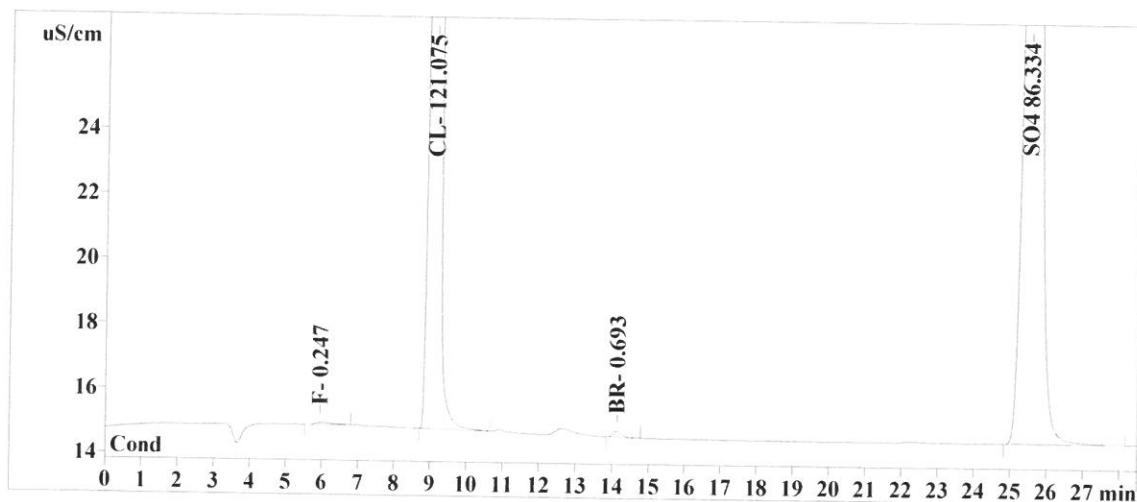
Ident: K3969-01
 Analysis from: 7/23/2019 4:35:08 PM
 File: _2019-07-23_

Last save: 7/24/2019 8:33:56 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67987

Last save: 7/15/2019 3:05:48 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	5.95	0.573	0.07	0.04	2.652	0.09	0.
2	9.10	0.187	155.84	79.59	1888.395	63.99	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.12	0.250	0.18	0.09	2.966	0.10	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	25.47	0.408	39.70	20.28	1057.051	35.82	0.
7	28.50	0.203	195.80	99.99	2951.064	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/24/2019 8:34:40 AM
Printed by: wet

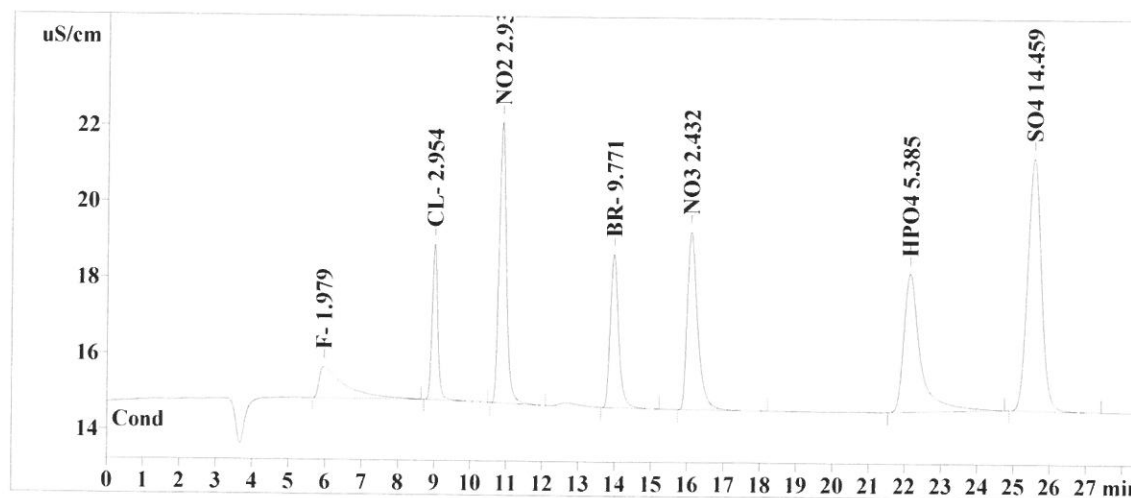
Ident: CCV
Analysis from: 7/23/2019 5:37:56 PM
File: _2019-07-23_

Last save: 7/23/2019 6:06:16 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67989

Last save: 7/15/2019 3:05:48 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	0.626	0.82	2.63	39.474	6.18	0.
2	8.99	0.165	4.08	13.05	45.289	7.09	0.
3	10.85	0.208	7.37	23.60	102.885	16.11	0.
4	13.96	0.243	4.03	12.91	65.832	10.31	0.
5	16.08	0.291	4.67	14.96	92.898	14.55	0.
6	22.13	0.418	3.63	11.61	116.865	18.30	0.
7	25.53	0.404	6.63	21.23	175.417	27.47	0.
7	28.50	0.336	31.22	99.99	638.660	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/24/2019 8:34:47 AM
Printed by: wet

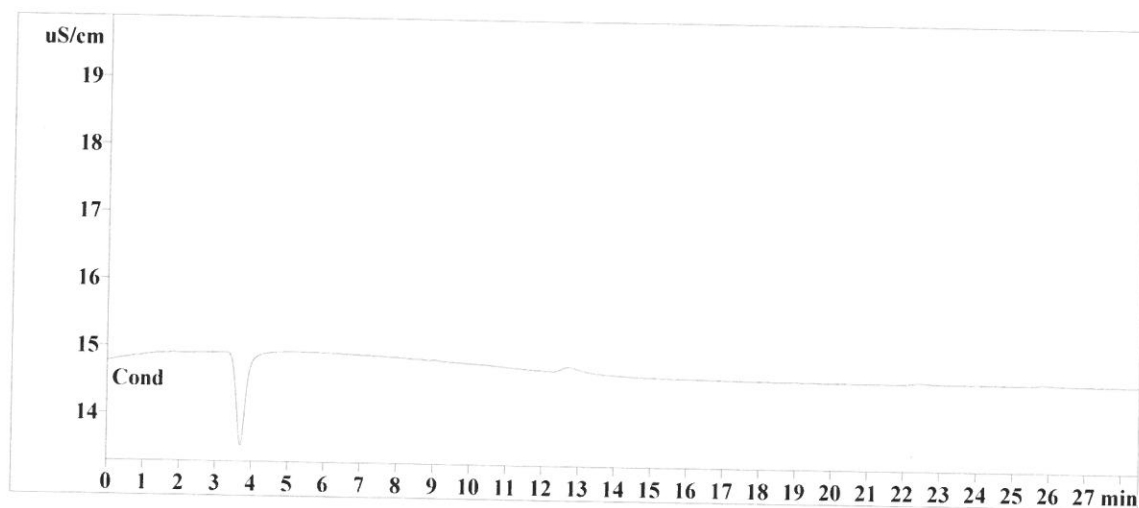
Ident: CCB
Analysis from: 7/23/2019 6:09:21 PM
File: _2019-07-23_

Last save: 7/23/2019 6:37:40 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67990

Last save: 7/15/2019 3:05:48 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