

Clear table

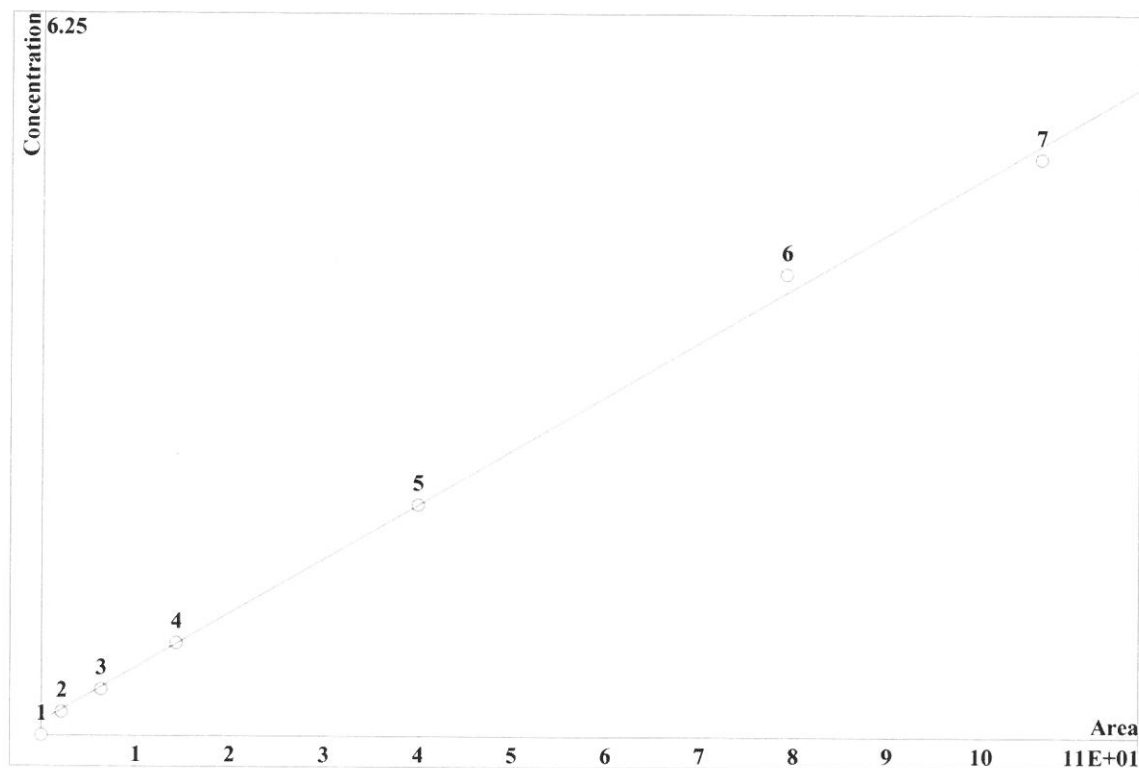
IC-1 300.0
07-17-19 AK

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	2.0280	2.9920	3.0010	9.9530	2.4700	4.8750	14.4170	2019-07-16	7/16/19 8:05		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-16	7/16/19 8:37		AK/AP
LB104002BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-16	7/16/19 9:08		AK/AP
LB104002BSW	1.9760	2.9410	2.9160	9.7240	2.4460	5.0980	14.5270	2019-07-16	7/16/19 9:40		AK/AP
K3591-07 0.25	0.1860	0.2310	0.2370	0.7440	0.1710	0.0550	0.9780	2019-07-16	7/16/19 10:25		AK/AP
K3591-07RE	0.2470	0.3760	0.3670	1.1950	0.2790	0.3160	1.6260	2019-07-16	7/16/19 10:56		AK/AP
K3591-08 0.50	0.2540	0.3400	0.3680	1.2180	0.2860	0.3460	1.6360	2019-07-16	7/16/19 11:27		AK/AP
K3591-08RE	0.4690	0.6520	0.6300	2.1090	0.5010	0.9890	2.9640	2019-07-16	7/16/19 11:59		AK/AP
K3839-01	0.0000	0.1980	0.0000	0.0000	0.3730	0.0000	0.2610	2019-07-16	7/16/19 12:30		AK/AP
K3839-02	0.0000	0.1090	0.0000	0.0000	0.2300	0.0000	0.0000	2019-07-16	7/16/19 13:02		AK/AP
K3839-02DUP	0.0000	0.1390	0.0000	0.0000	0.2330	0.0000	0.0000	2019-07-16	7/16/19 13:33		AK/AP
K3839-02MS	2.0510	3.1190	2.9950	10.0370	2.7050	5.4100	15.0270	2019-07-16	7/16/19 14:05		AK/AP
CCV	2.0420	3.0400	3.0270	10.1110	2.4890	5.2550	14.6380	2019-07-16	7/16/19 14:36		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-16	7/16/19 15:07		AK/AP
K3839-02MSD	1.9700	2.9520	2.8910	9.6530	2.6090	5.2040	14.5840	2019-07-16	7/16/19 15:39		AK/AP
CCV	2.0420	3.1040	3.0190	10.1110	2.4930	5.2960	14.6970	2019-07-16	7/16/19 16:10		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-16	7/16/19 16:42		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

IC-1 col
 07-15-19 AR



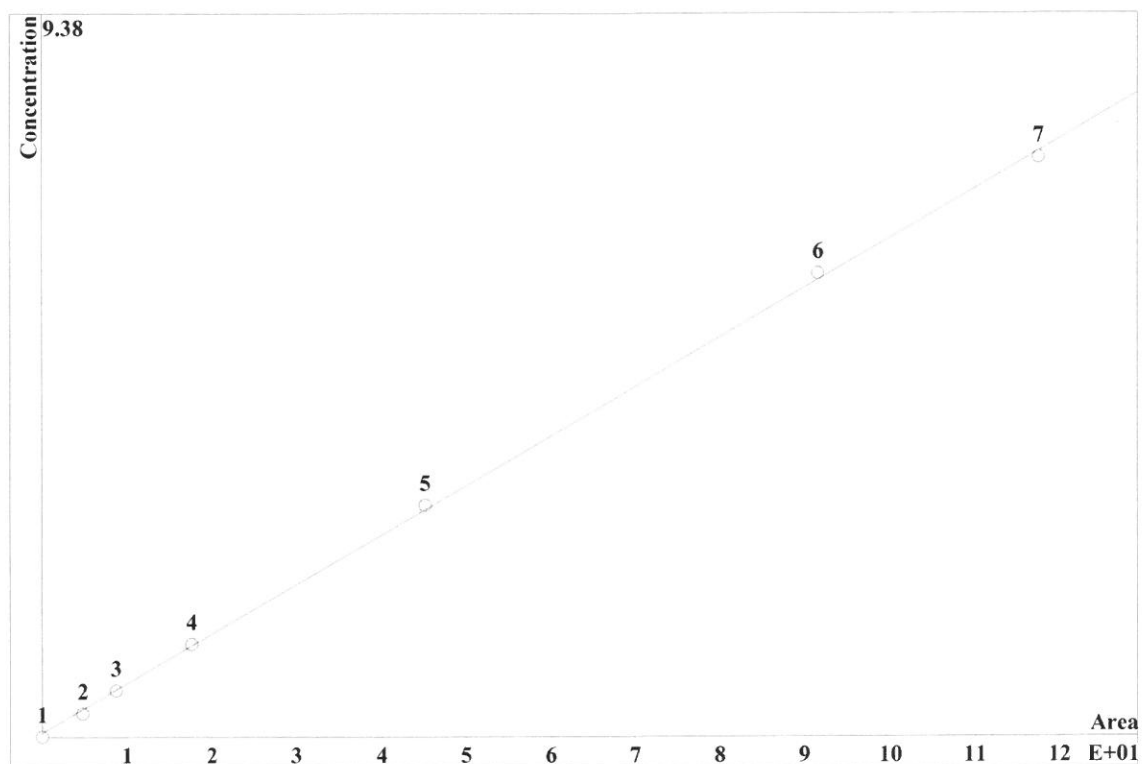
K3 = 0 K2 = 0 K1 = 0.940749 K0 = 2.44468

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



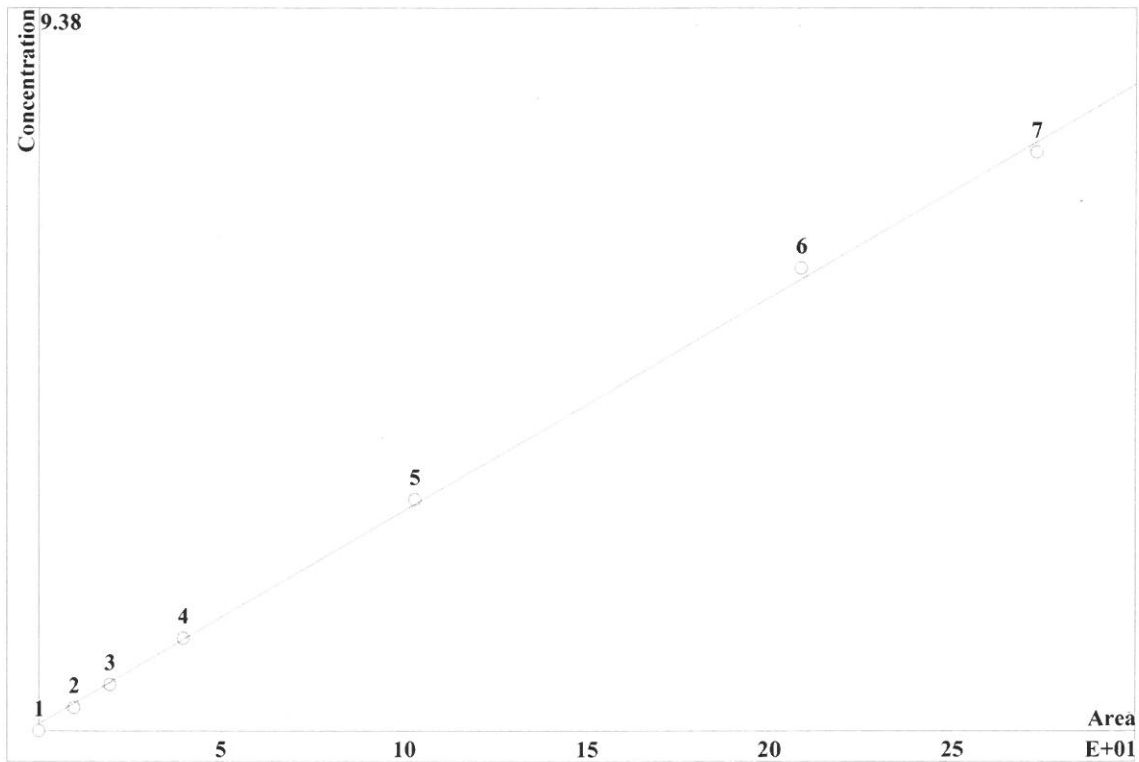
K3 = 0 K2 = 0 K1 = 1.28176 K0 = 1.02714

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

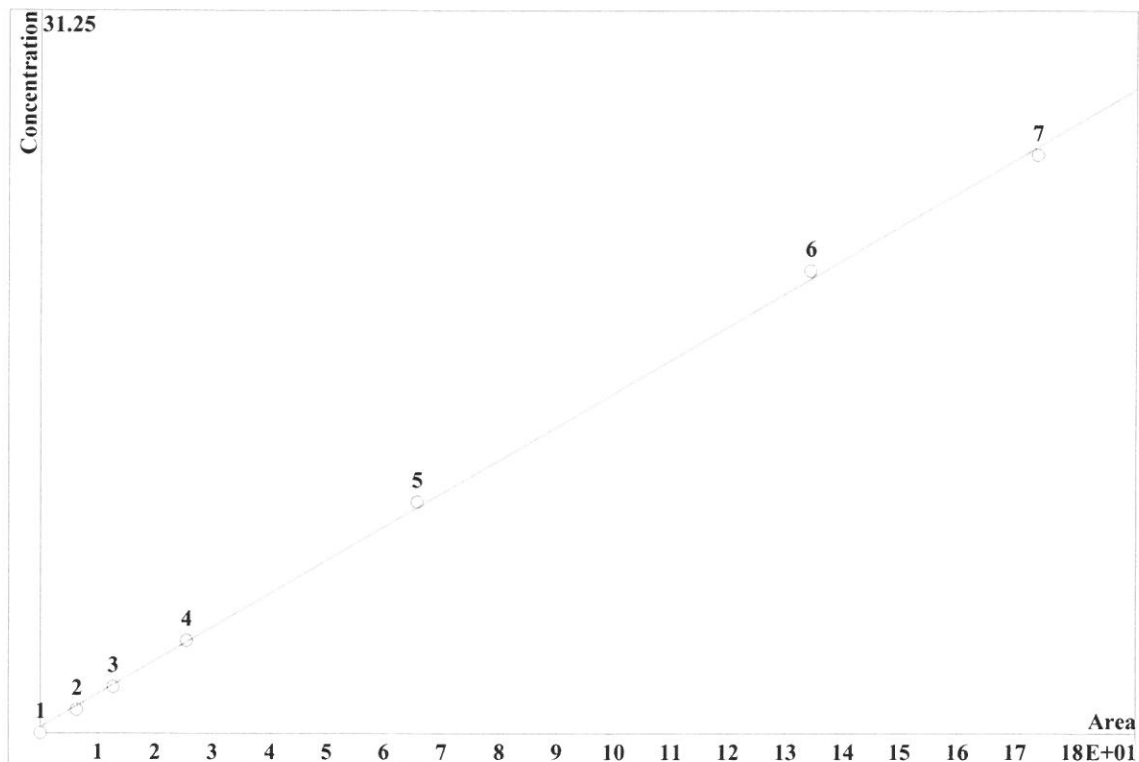


K3 = 0 K2 = 0 K1 = 0.552629 K0 = 1.83677
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



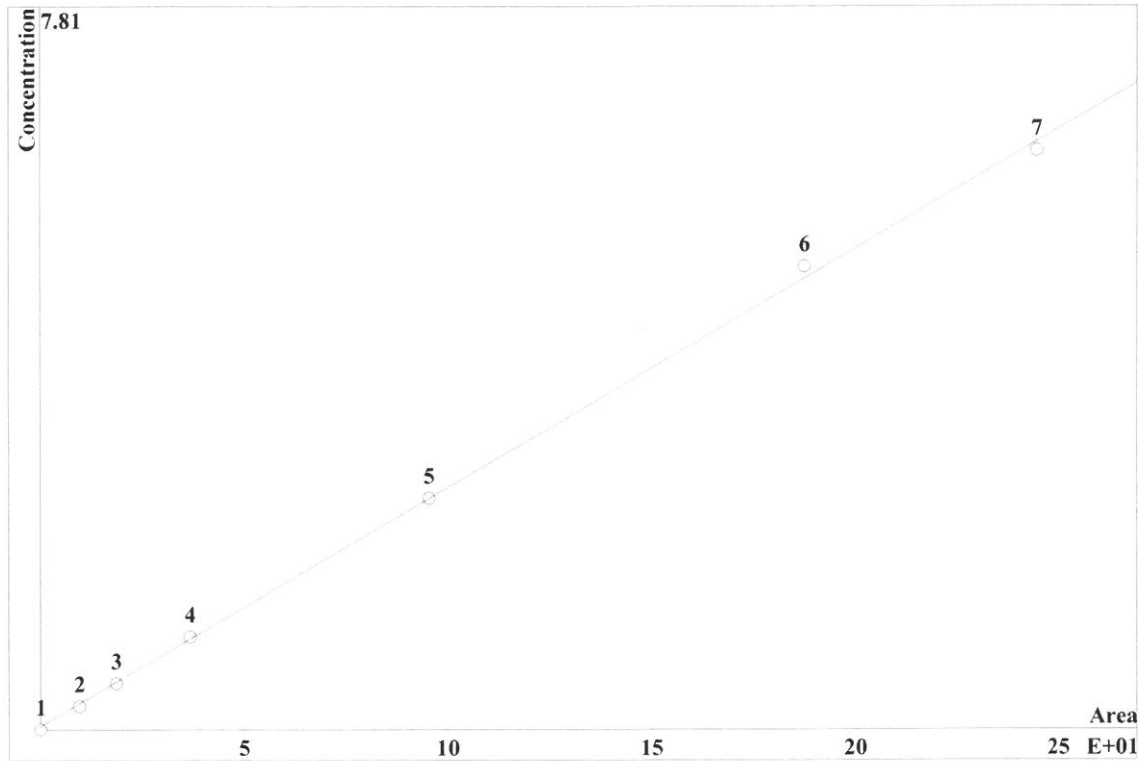
K3 = 0 K2 = 0 K1 = 2.88802 K0 = 5.29175

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

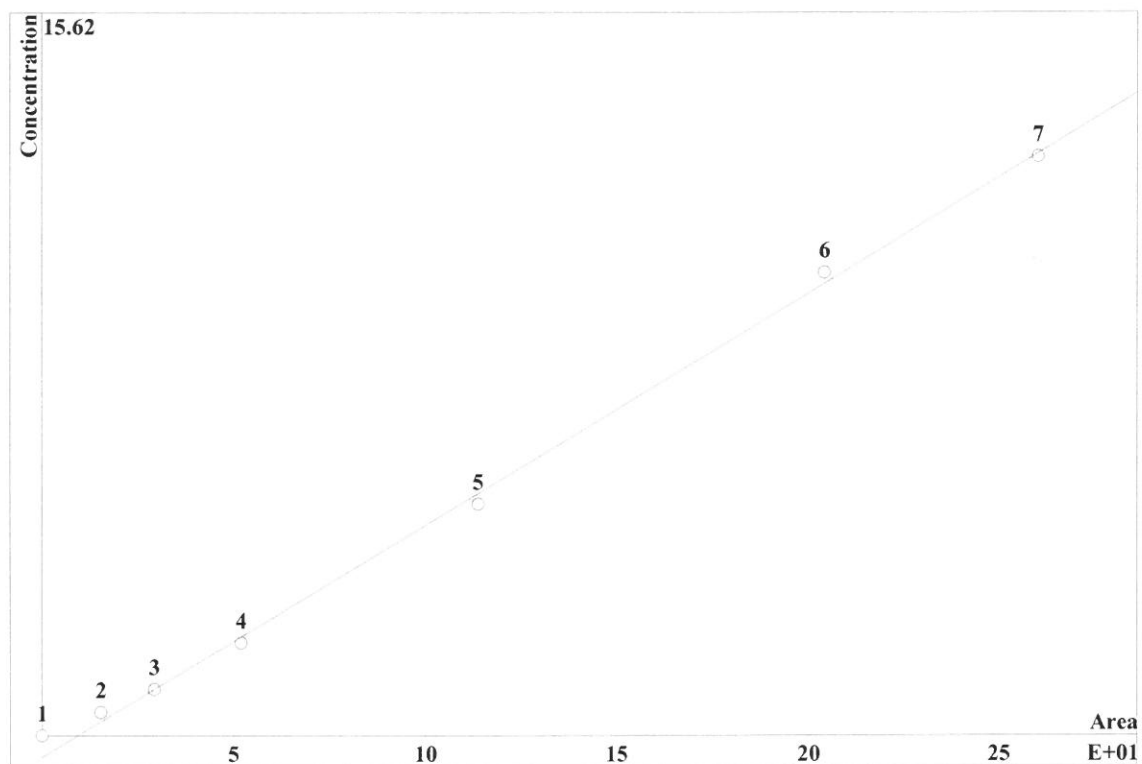


K3 = 0 K2 = 0 K1 = 0.516182 K0 = 0.686505
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



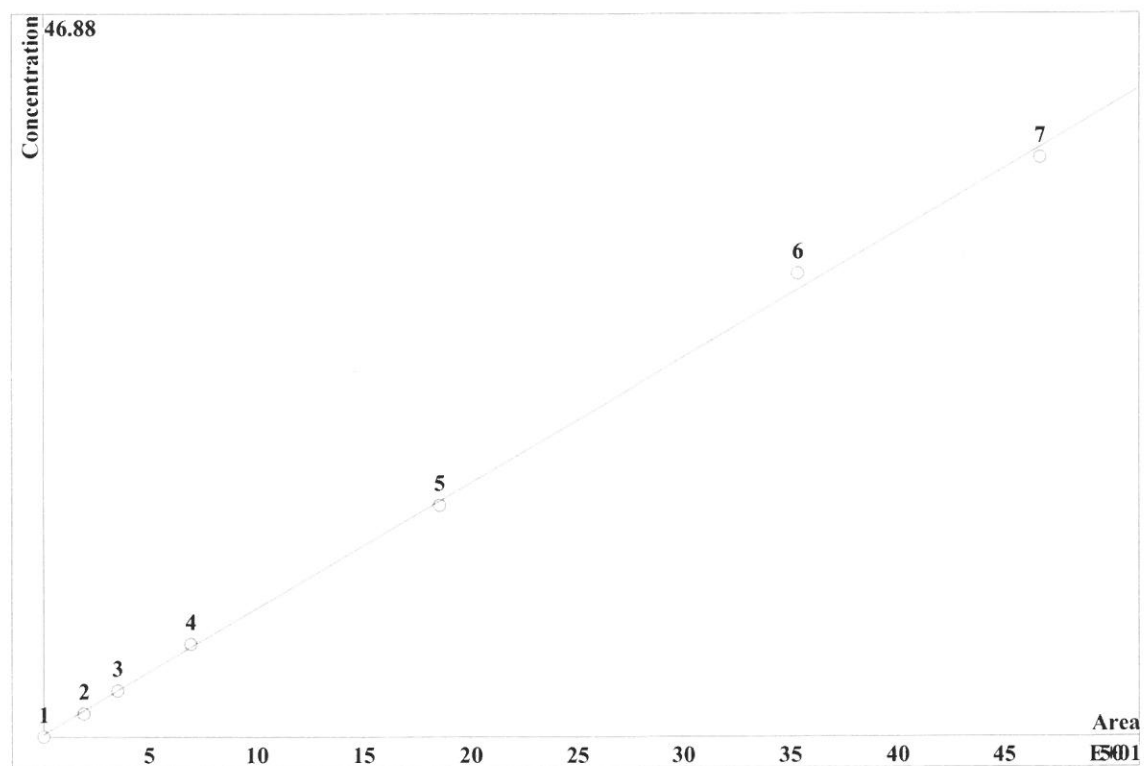
K3 = 0 K2 = 0 K1 = 1.00249 K0 = -9.45354

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: $Q = 1.63049 \cdot A + 3.16066$
 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

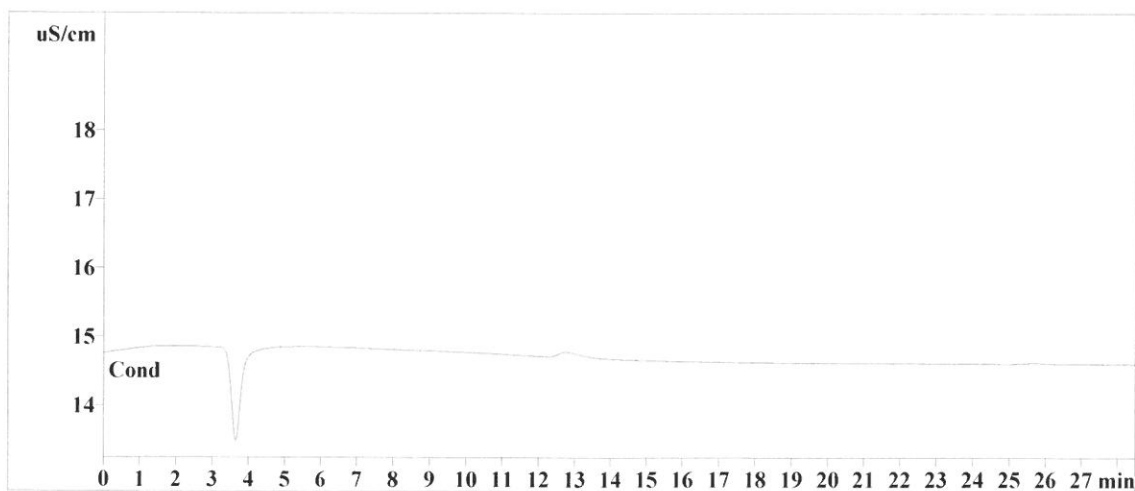
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File: _2019-07-15_

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

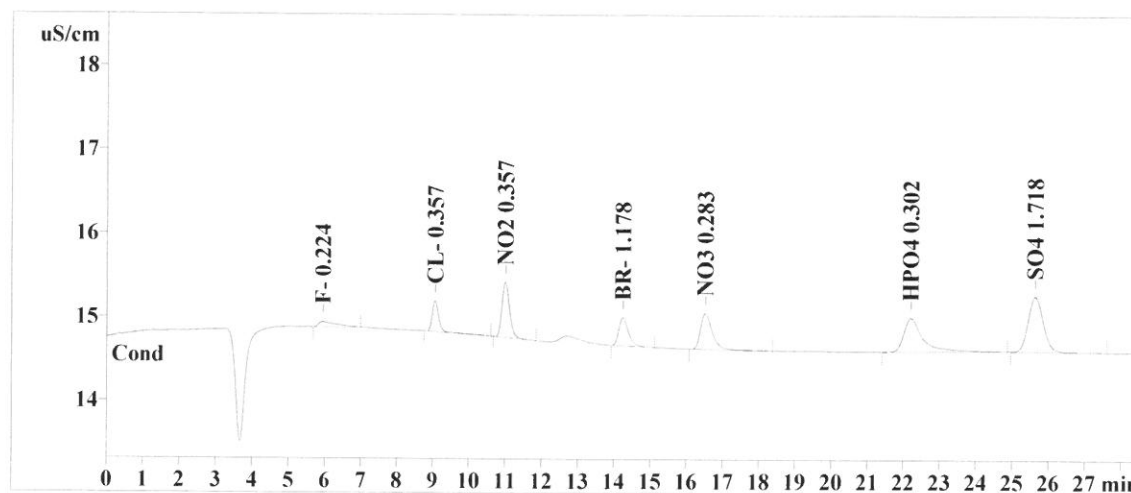
Ident: STD2
Analysis from: 7/15/2019 10:04:16 AM
File: _2019-07-15_

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

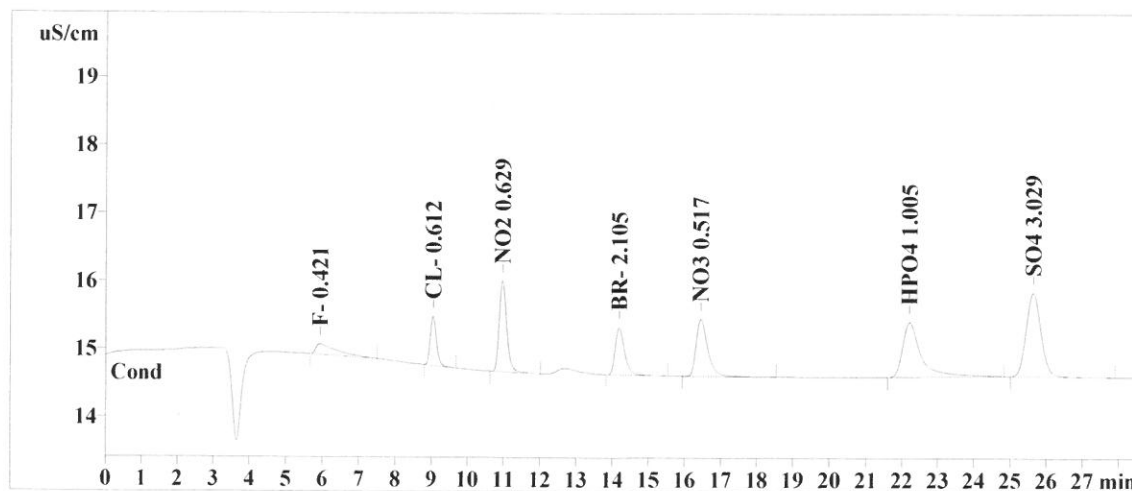
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File: _2019-07-15_

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

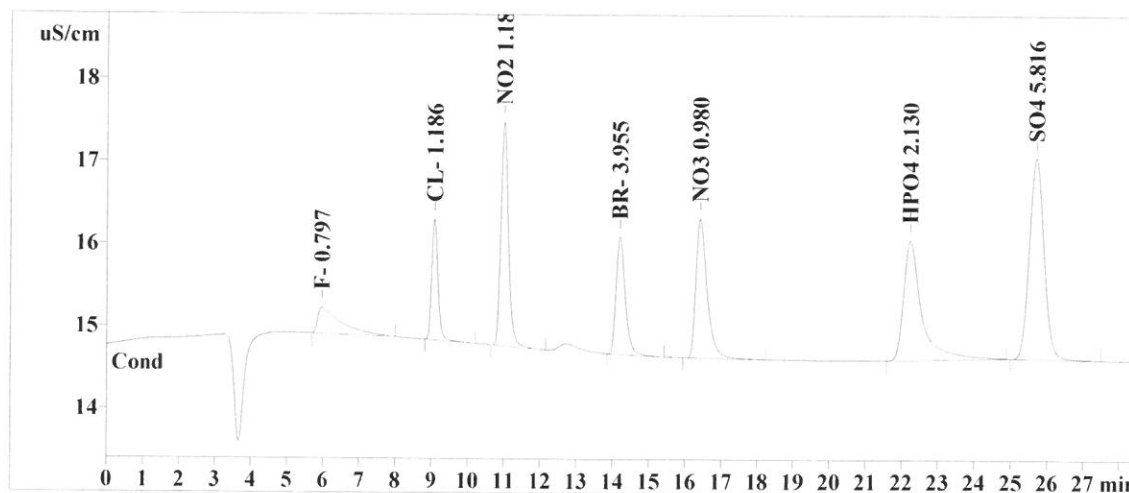
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File: _2019-07-15_

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

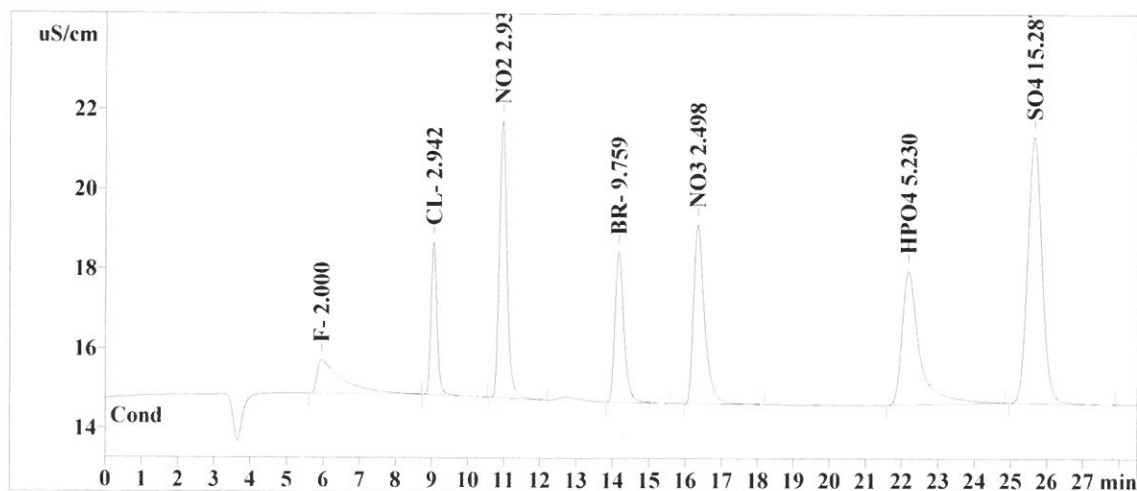
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File: _2019-07-15_

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

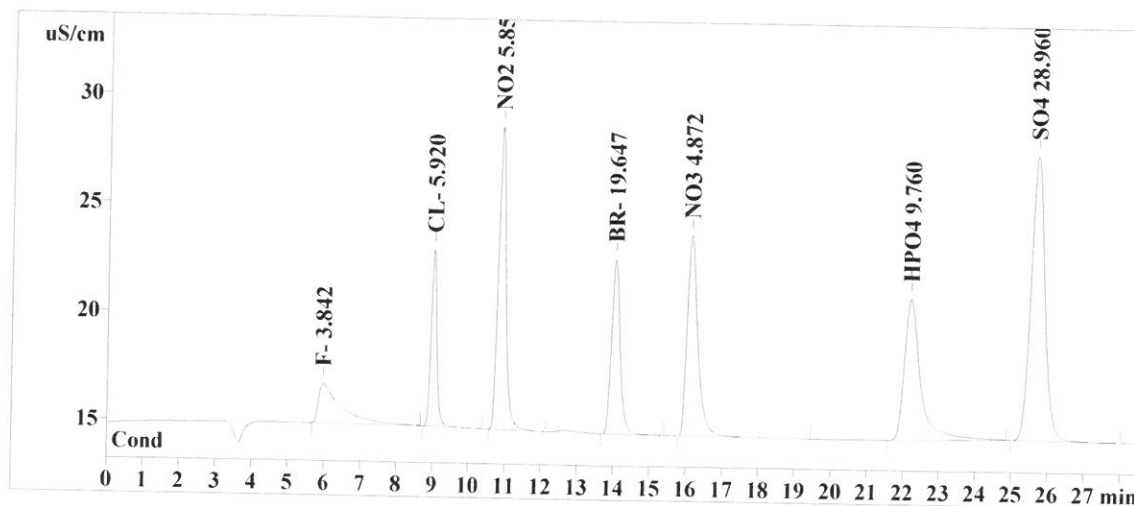
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Analysis from: 7/15/2019 1:54:35 PM
File: _2019-07-15_

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
METROHM LTD

Report date: 7/16/2019 9:48:30 AM
Printed by: wet

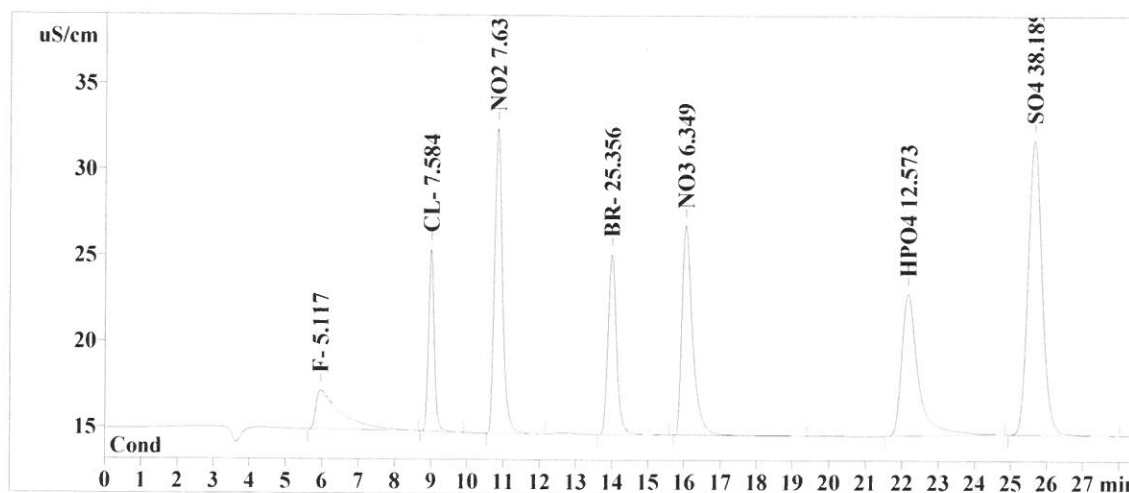
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File: _2019-07-15_

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

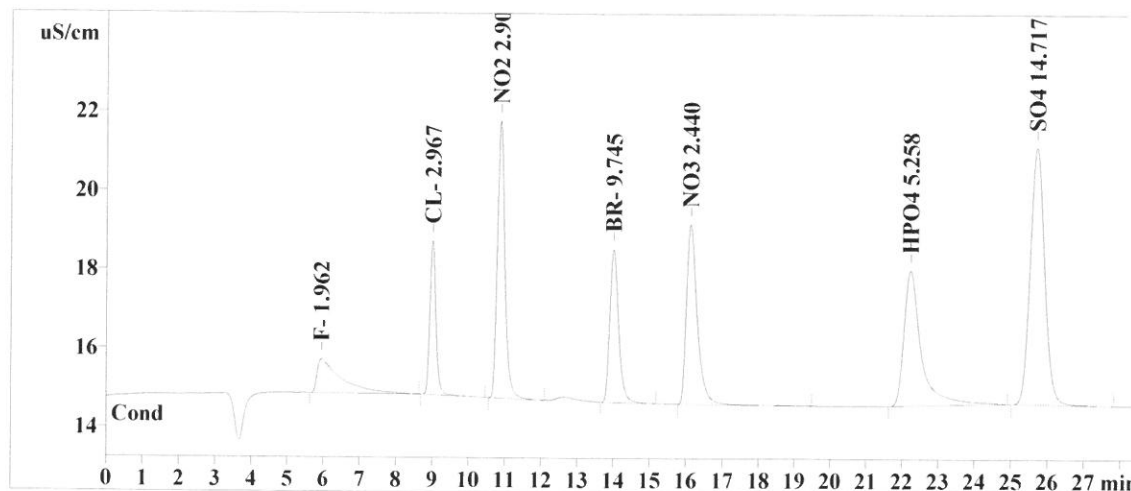
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 File: _2019-07-15_

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

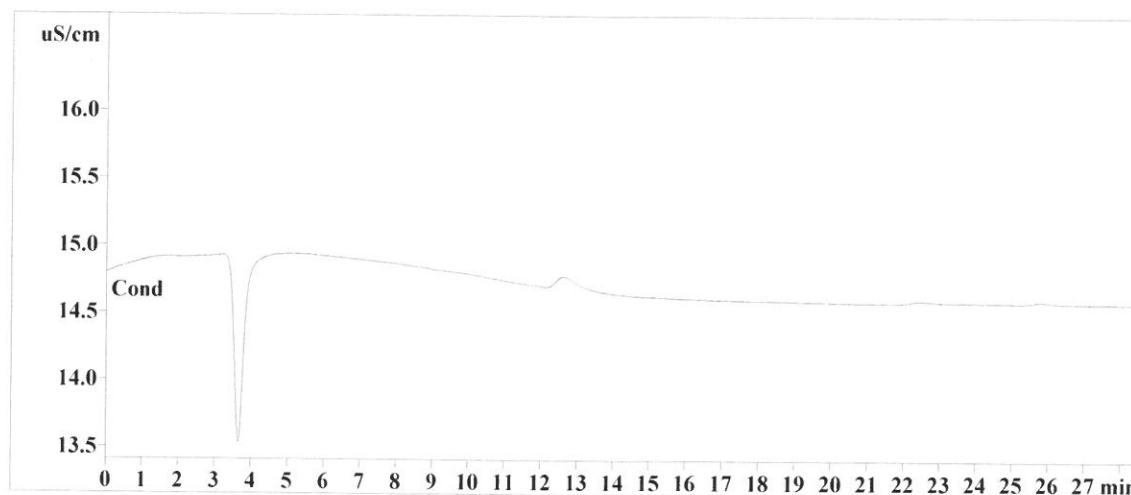
Ident: ICB
Analysis from: 7/15/2019 3:28:49 PM
File: _2019-07-15_

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: 7/16/2019 3:17:33 PM
 Printed by: wet

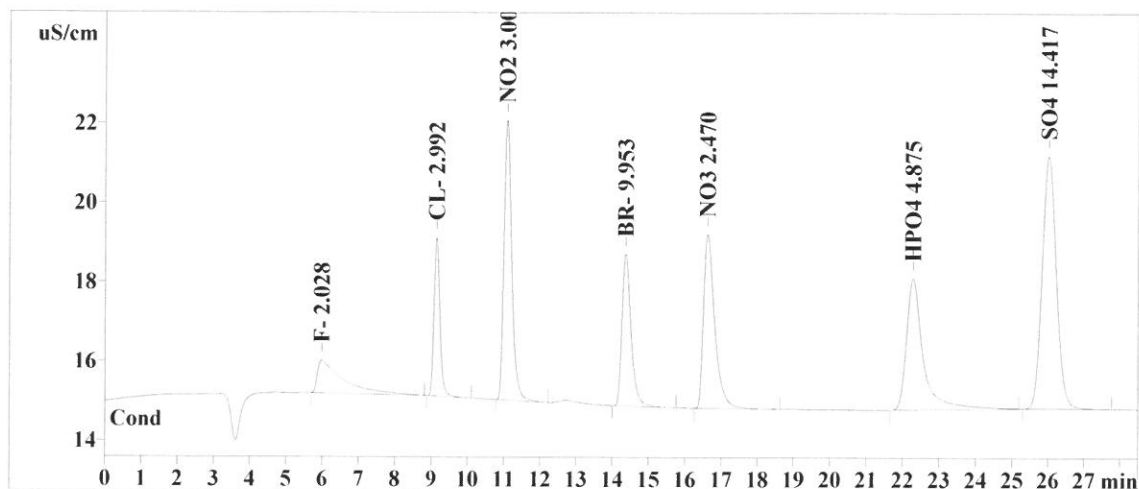
Ident: CCV
 Analysis from: 7/16/2019 8:05:25 AM
 File: _2019-07-16_

Last save: 7/16/2019 8:33:44 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67851

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	5.99	0.625	0.83	2.77	40.515	6.38	0.
2	9.14	0.172	3.99	13.42	45.887	7.23	0.
3	11.08	0.222	7.05	23.71	105.284	16.59	0.
4	14.37	0.260	3.83	12.87	67.094	10.57	0.
5	16.61	0.314	4.39	14.75	94.358	14.87	0.
6	22.27	0.423	3.30	11.11	106.685	16.81	0.
7	26.01	0.420	6.36	21.37	174.906	27.56	0.
7	28.50	0.348	29.74	99.99	634.728	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/16/2019 3:17:41 PM
Printed by: wet

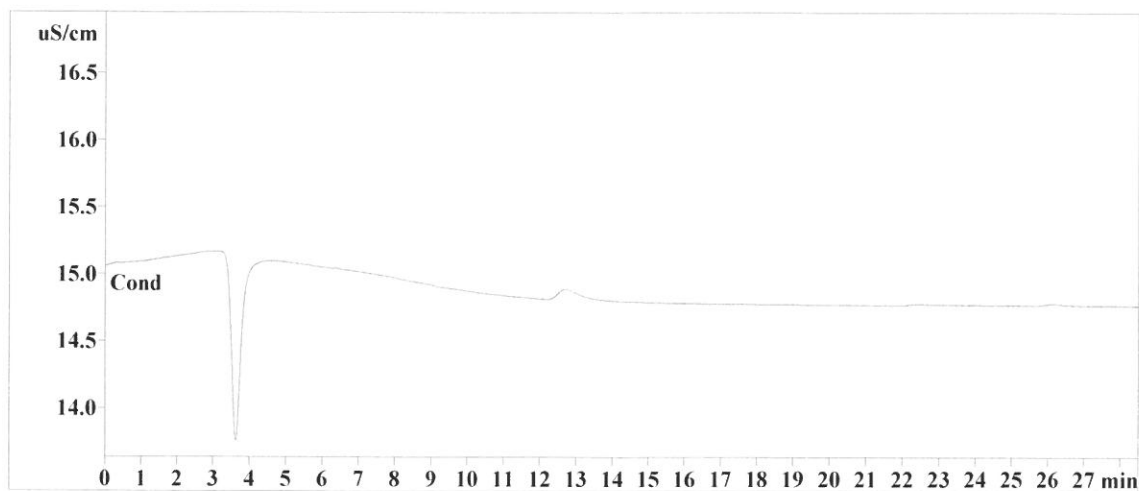
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Analysis from: 7/16/2019 8:37:11 AM
File: _2019-07-16_

Last save: 7/16/2019 9:05:30 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67852

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: 7/16/2019 3:17:48 PM
Printed by: wet

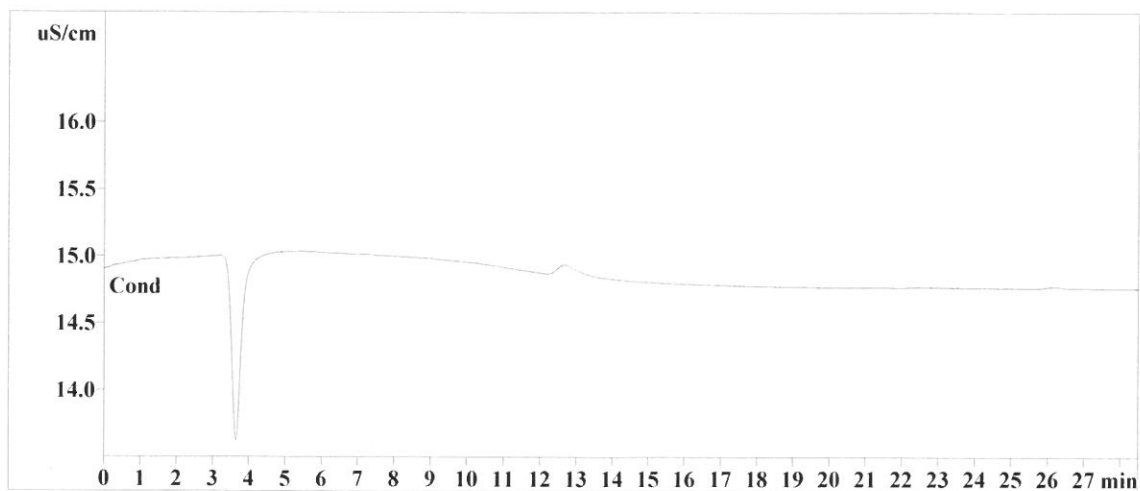
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Analysis from: 7/16/2019 9:08:35 AM
File: _2019-07-16_

Last save: 7/16/2019 3:17:28 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67853

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: 7/16/2019 3:17:56 PM
Printed by: wet

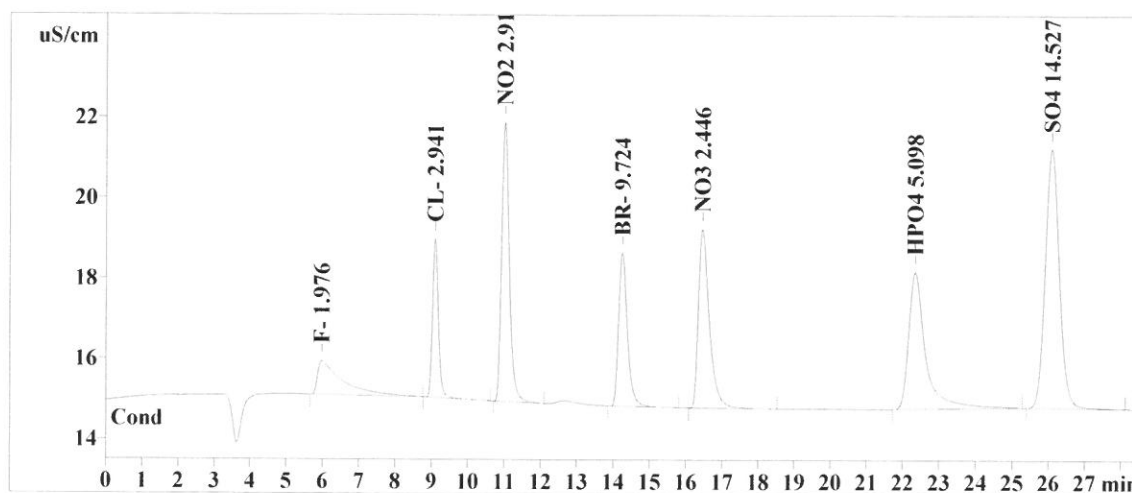
Ident: LB104002BSW
Analysis from: 7/16/2019 9:40:00 AM
File: _2019-07-16_

Last save: 7/16/2019 3:17:28 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67854

Last save: 7/15/2019 3:05:48 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	5.99	0.603	0.83	2.80	39.404	6.22	0.
2	9.10	0.171	3.93	13.21	45.088	7.12	0.
3	11.00	0.219	6.93	23.28	102.224	16.15	0.
4	14.24	0.256	3.81	12.79	65.511	10.35	0.
5	16.45	0.308	4.44	14.92	93.457	14.76	0.
6	22.34	0.425	3.39	11.40	111.146	17.56	0.
7	26.08	0.417	6.42	21.59	176.249	27.84	0.
7	28.50	0.343	29.75	99.99	633.080	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/16/2019 3:20:01 PM
Printed by: wet

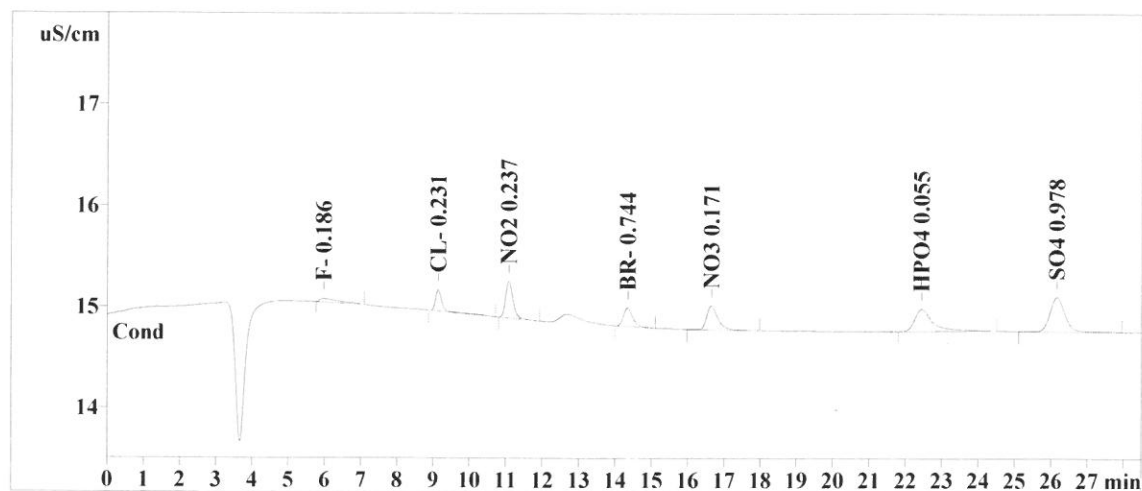
Ident: K3591-07 0.25
Analysis from: 7/16/2019 10:25:10 AM
File: _2019-07-16_

Last save: 7/16/2019 3:20:00 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67855

Last save: 7/15/2019 3:05:48 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	5.98	0.556	0.04	2.27	1.347	3.74	0.
2	9.13	0.178	0.21	13.14	2.801	7.77	0.
3	11.07	0.215	0.36	22.74	5.241	14.53	0.
4	14.32	0.272	0.18	11.45	3.321	9.21	0.
5	16.64	0.321	0.24	14.88	5.284	14.65	0.
6	22.44	0.471	0.22	13.87	8.018	22.23	0.
7	26.16	0.436	0.34	21.40	10.058	27.89	0.
7	28.50	0.350	1.58	99.75	36.071	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/16/2019 3:20:44 PM
Printed by: wet

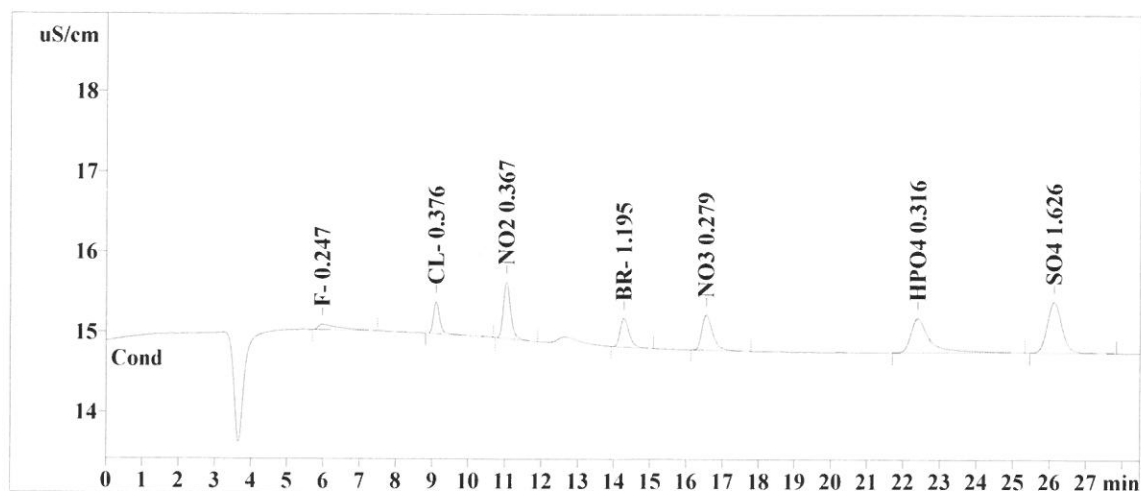
Ident: K3591-07RE
Analysis from: 7/16/2019 10:56:35 AM
File: _2019-07-16_

Last save: 7/16/2019 3:20:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67856

Last save: 7/15/2019 3:05:48 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	5.98	0.556	0.07	2.23	2.660	3.95	0.
2	9.11	0.177	0.40	13.11	5.062	7.52	0.
3	11.04	0.213	0.70	23.13	9.966	14.80	0.
4	14.27	0.267	0.36	11.88	6.443	9.57	0.
5	16.55	0.316	0.44	14.57	9.463	14.05	0.
6	22.40	0.462	0.43	14.06	15.735	23.37	0.
7	26.12	0.431	0.63	20.89	18.002	26.74	0.
7	28.50	0.346	3.02	99.88	67.330	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/16/2019 3:20:56 PM
Printed by: wet

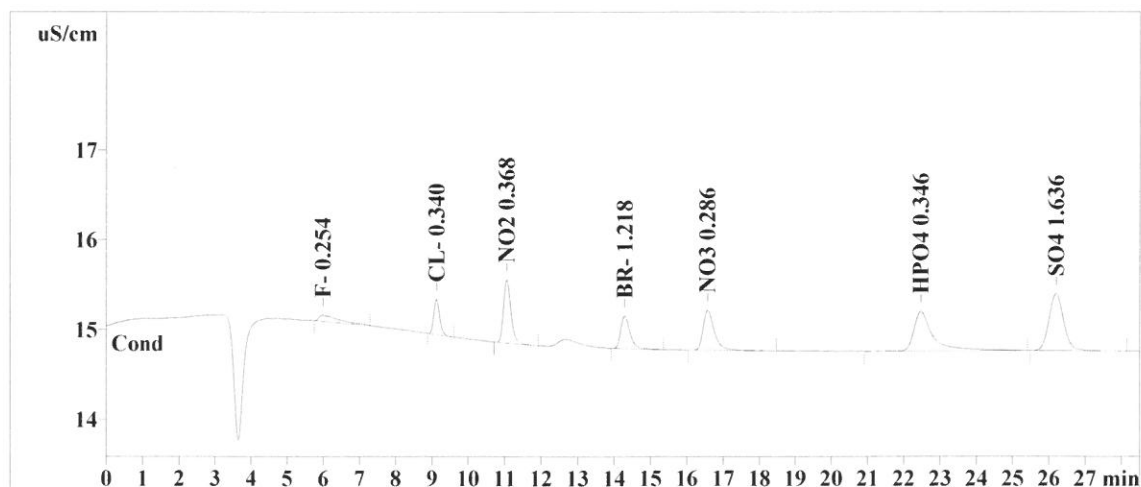
Ident: K3591-08 0.50
Analysis from: 7/16/2019 11:27:59 AM
File: _2019-07-16_

Last save: 7/16/2019 12:20:00 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67857

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	5.99	0.599	0.07	2.27	2.799	4.11	0.
2	9.12	0.174	0.39	12.85	4.500	6.61	0.
3	11.05	0.213	0.70	23.06	9.993	14.67	0.
4	14.28	0.268	0.36	11.93	6.603	9.69	0.
5	16.56	0.314	0.44	14.60	9.769	14.34	0.
6	22.47	0.462	0.44	14.44	16.335	23.98	0.
7	26.19	0.432	0.63	20.77	18.130	26.61	0.
7	28.50	0.352	3.04	99.91	68.130	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/16/2019 3:21:24 PM
Printed by: wet

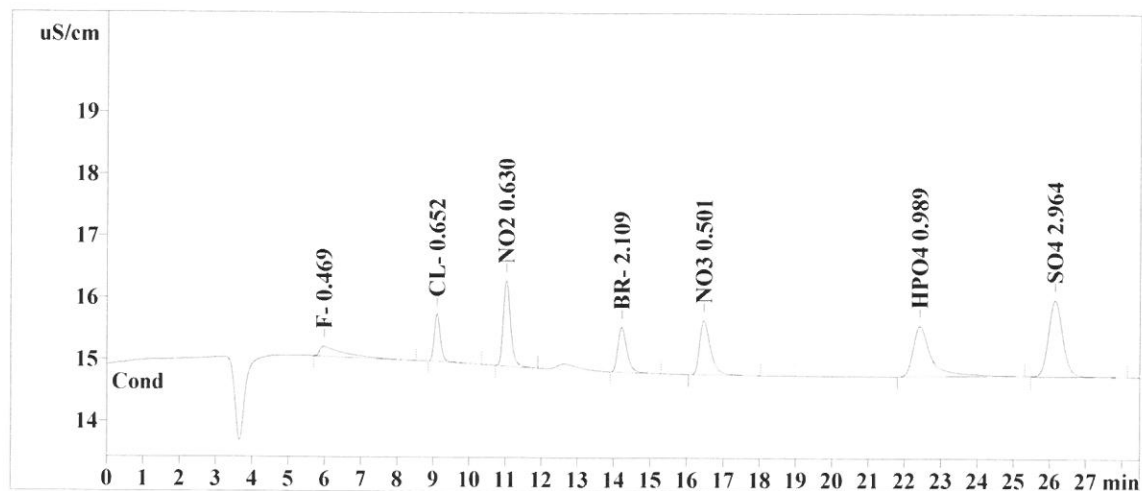
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Analysis from: 7/16/2019 11:59:24 AM
File: _2019-07-16_

Last save: 7/16/2019 3:20:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67858

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	5.97	0.610	0.16	2.67	7.369	5.64	0.
2	9.10	0.180	0.77	12.88	9.368	7.17	0.
3	11.02	0.211	1.37	23.13	19.463	14.90	0.
4	14.21	0.263	0.72	12.17	12.773	9.78	0.
5	16.46	0.306	0.87	14.63	18.091	13.85	0.
6	22.42	0.450	0.82	13.77	29.160	22.32	0.
7	26.15	0.425	1.23	20.71	34.423	26.35	0.
7	28.50	0.349	5.94	99.95	130.646	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/16/2019 3:21:37 PM
Printed by: wet

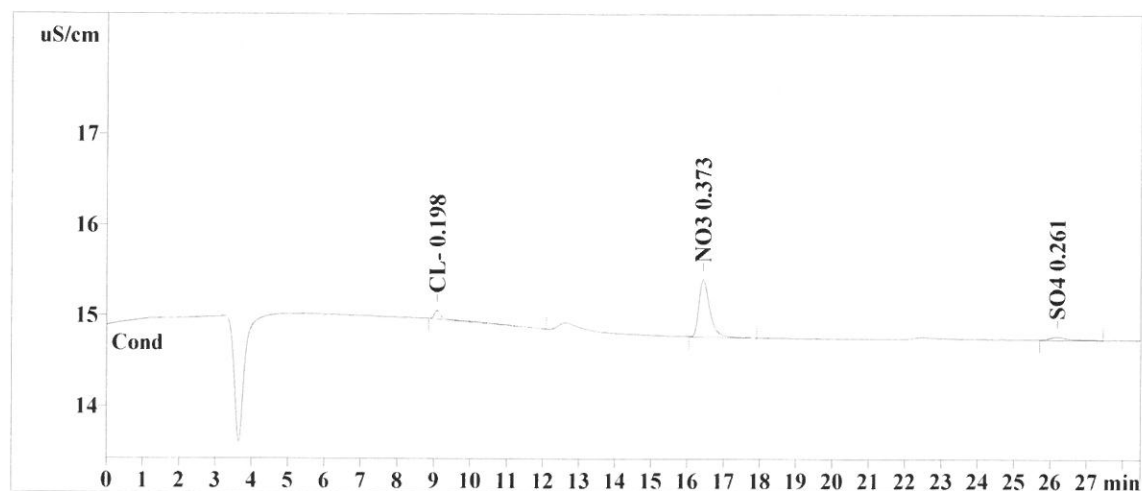
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Analysis from: 7/16/2019 12:30:48 PM
File: _2019-07-16_

Last save: 7/16/2019 12:59:08 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67859

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	9.09	0.180	0.10	12.58	2.293	13.74	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	16.43	0.307	0.63	82.65	13.133	78.71	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.19	0.485	0.03	4.52	1.258	7.54	0.
7	28.50	0.139	0.76	99.75	16.684	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/16/2019 3:21:48 PM
Printed by: wet

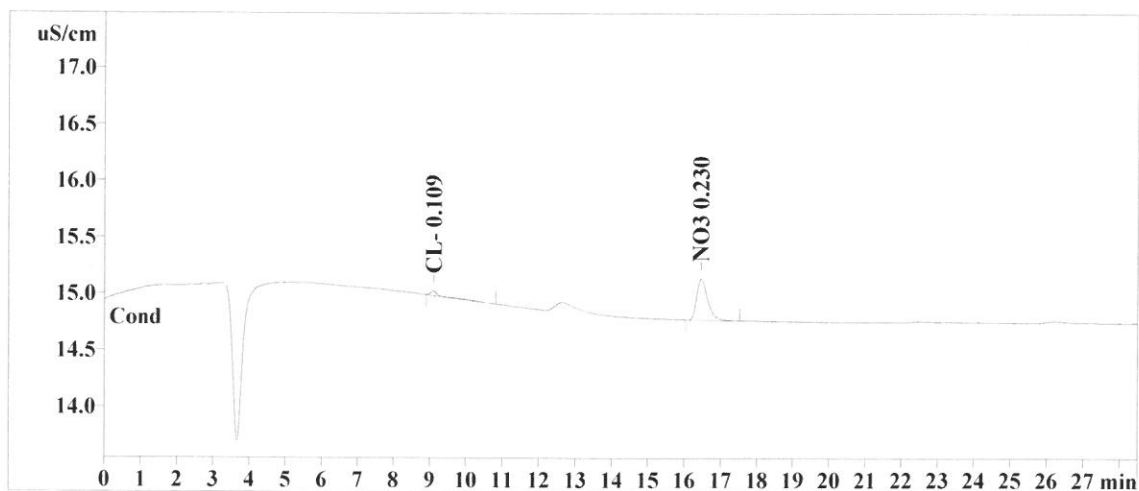
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Analysis from: 7/16/2019 1:02:13 PM
File: _2019-07-16_

Last save: 7/16/2019 2:11:36 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67860

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	9.10	0.178	0.04	10.39	0.907	10.68	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	16.45	0.307	0.36	89.42	7.586	89.32	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	0.069	0.41	99.80	8.493	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/16/2019 3:21:58 PM
 Printed by: wet

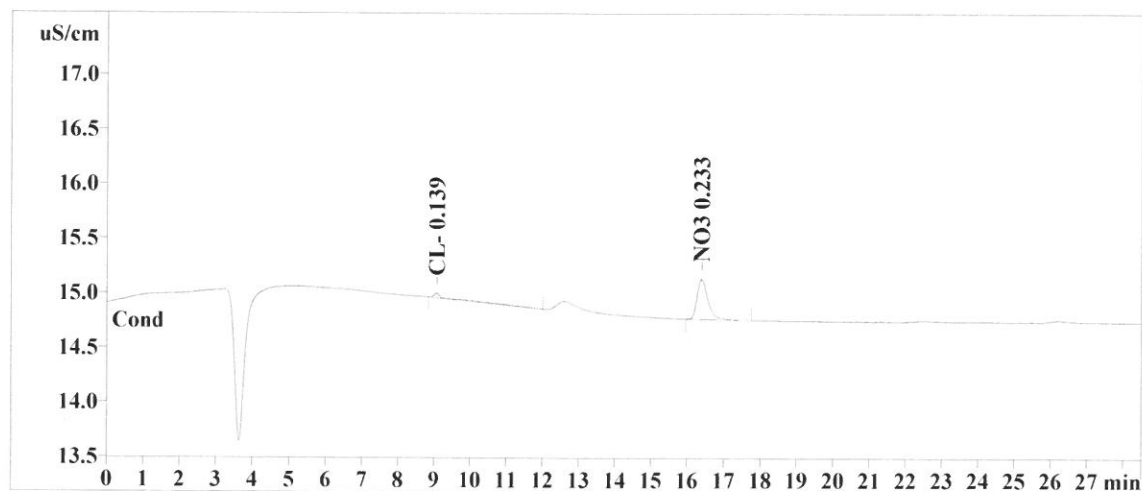
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 File: _2019-07-16_

Last save: 7/16/2019 2:01:56 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67861

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.07	0.181	0.04	10.02	1.364	15.04	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	16.39	0.306	0.37	89.70	7.708	84.96	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	0.070	0.41	99.72	9.072	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/16/2019 3:22:06 PM
Printed by: wet

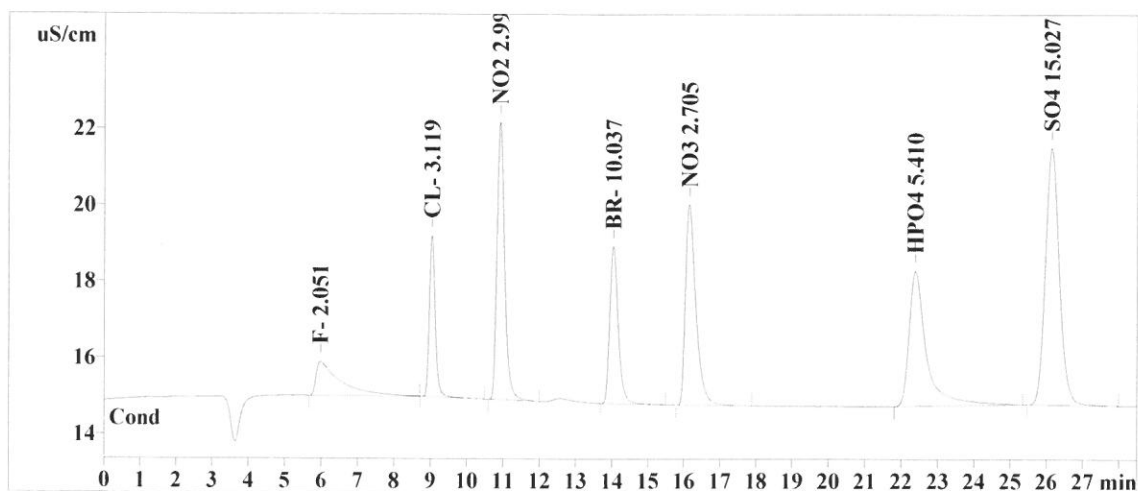
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Analysis from: 7/16/2019 2:05:01 PM
File: _2019-07-16_

Last save: 7/16/2019 2:33:20 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67862

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	0.599	0.88	2.76	41.005	6.17	0.
2	9.04	0.169	4.21	13.18	47.864	7.20	0.
3	10.90	0.214	7.26	22.73	105.077	15.80	0.
4	14.03	0.245	4.11	12.85	67.673	10.18	0.
5	16.14	0.289	5.24	16.40	103.469	15.56	0.
6	22.38	0.424	3.54	11.06	117.362	17.65	0.
7	26.14	0.412	6.71	21.00	182.391	27.43	0.
7	28.50	0.336	31.96	99.99	664.840	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/16/2019 3:22:15 PM
Printed by: wet

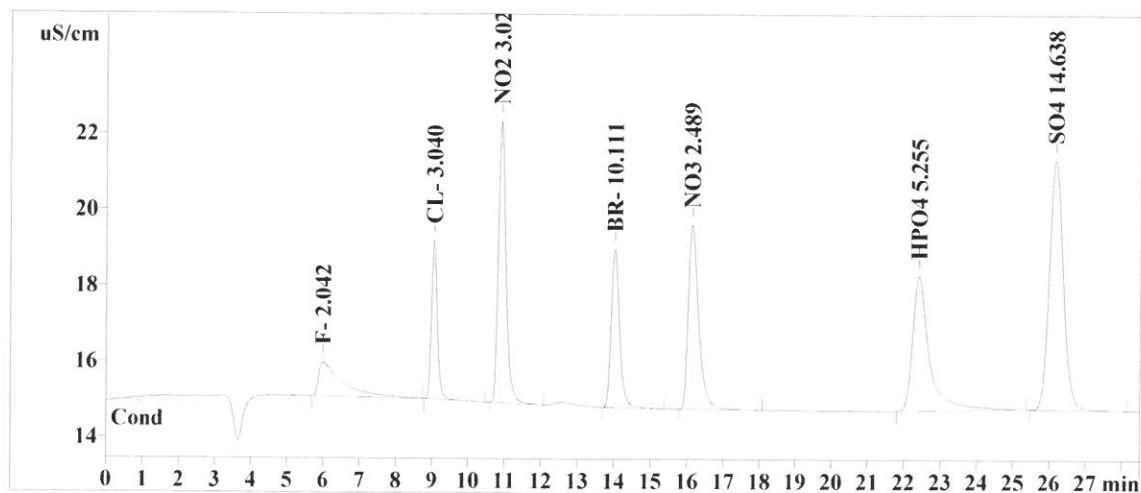
Ident: CCV
Analysis from: 7/16/2019 2:36:26 PM
File: _2019-07-16_

Last save: 7/16/2019 3:04:44 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67863

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	6.00	0.584	0.90	2.84	40.821	6.29	0.
2	9.05	0.167	4.16	13.18	46.627	7.19	0.
3	10.90	0.213	7.40	23.45	106.222	16.37	0.
4	14.01	0.244	4.17	13.20	68.186	10.51	0.
5	16.12	0.288	4.85	15.35	95.108	14.66	0.
6	22.41	0.419	3.53	11.18	114.275	17.61	0.
7	26.17	0.412	6.56	20.80	177.617	27.37	0.
7	28.50	0.332	31.55	99.99	648.856	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 10:59:24 AM
Printed by: wet

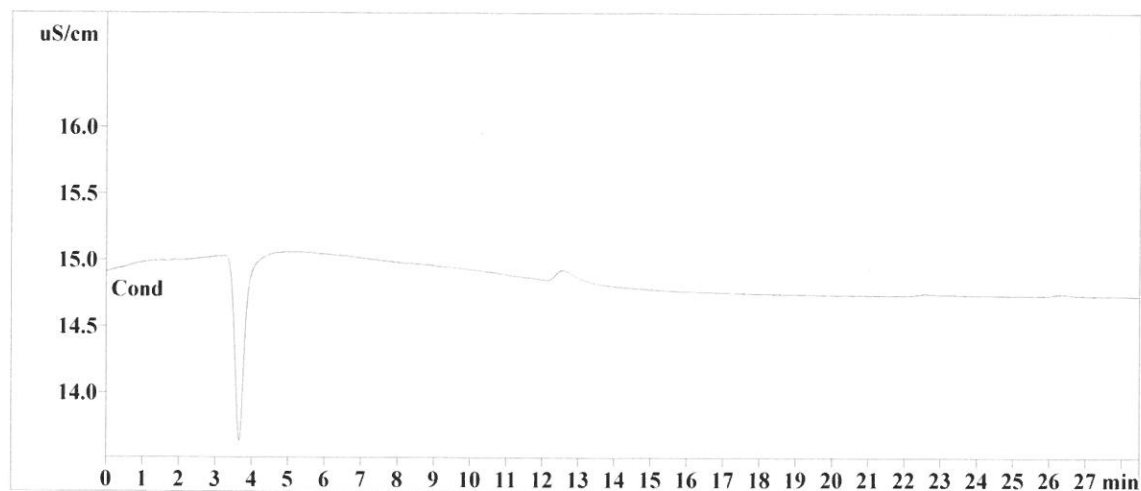
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Analysis from: 7/16/2019 3:07:50 PM
File: _2019-07-16_

Last save: 7/16/2019 3:36:08 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67864

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: 7/17/2019 10:59:40 AM
Printed by: wet

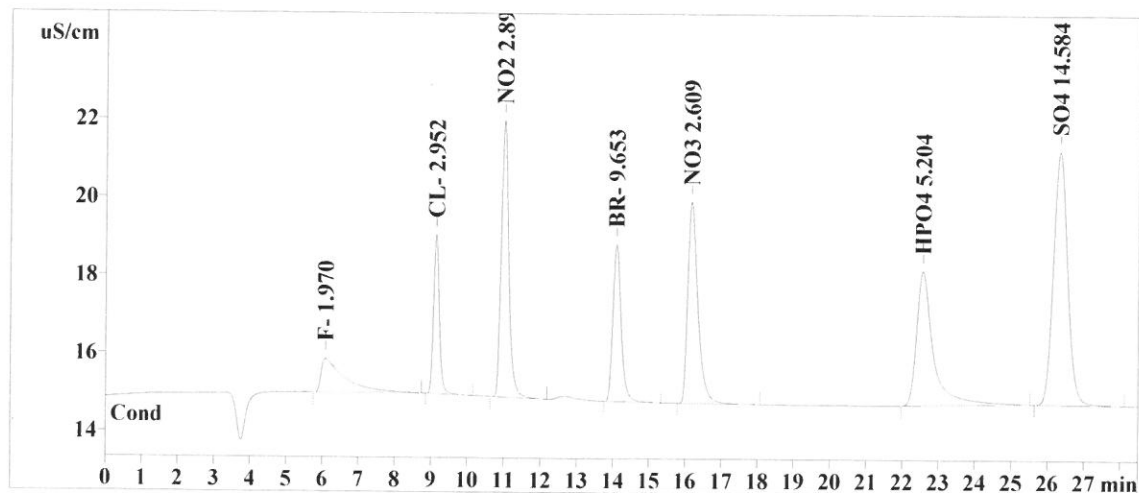
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File: _2019-07-16_

Last save: 7/16/2019 4:07:34 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67865

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	6.09	0.590	0.86	2.78	39.280	6.13	0.
2	9.13	0.166	4.06	13.07	45.256	7.06	0.
3	10.98	0.213	7.07	22.74	101.309	15.81	0.
4	14.07	0.241	4.02	12.94	65.016	10.15	0.
5	16.16	0.284	5.15	16.57	99.763	15.57	0.
6	22.56	0.423	3.44	11.06	113.246	17.67	0.
7	26.32	0.417	6.48	20.84	176.948	27.61	0.
7	28.50	0.333	31.08	99.99	640.818	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/17/2019 10:59:48 AM
Printed by: wet

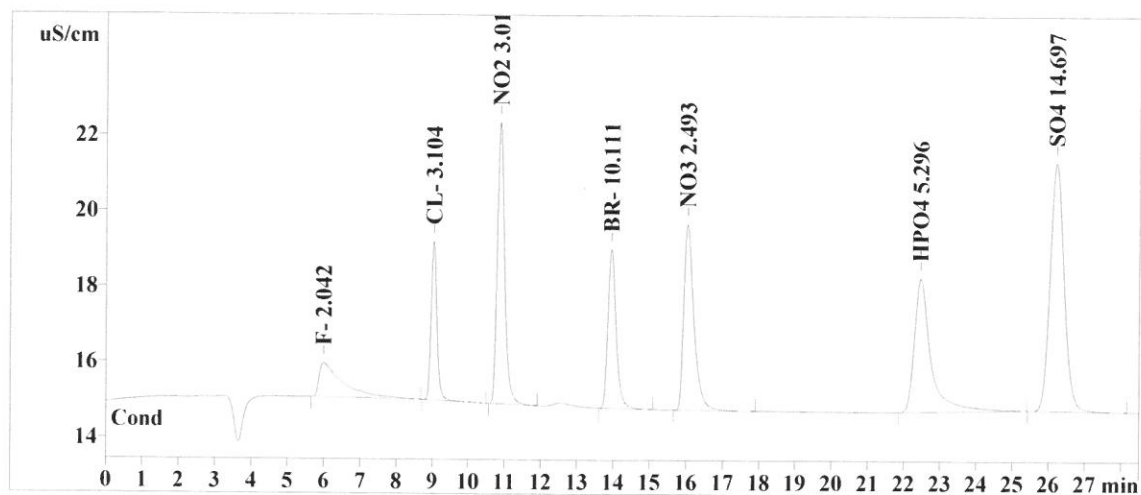
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File: _2019-07-16_

Last save: 7/16/2019 4:38:58 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67866

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	5.99	0.583	0.90	2.83	40.811	6.27	0.
2	9.03	0.169	4.18	13.19	47.639	7.31	0.
3	10.86	0.212	7.43	23.44	105.926	16.26	0.
4	13.94	0.242	4.21	13.27	68.185	10.47	0.
5	16.03	0.284	4.91	15.47	95.280	14.63	0.
6	22.45	0.420	3.53	11.12	115.084	17.67	0.
7	26.21	0.414	6.56	20.68	178.334	27.38	0.
7	28.50	0.332	31.71	99.99	651.259	100.00	0.

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Report date: 7/17/2019 10:59:58 AM
Printed by: wet

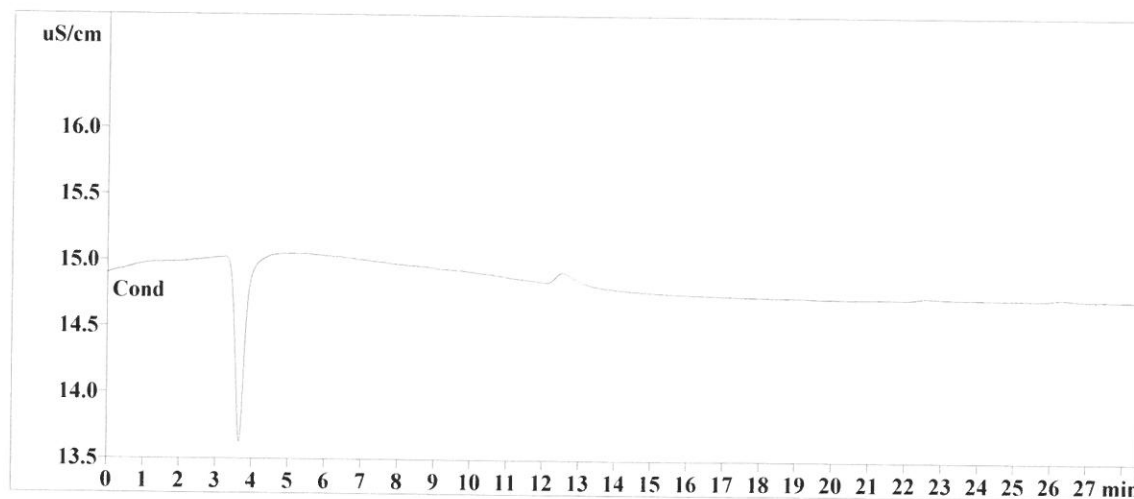
Ident: CCB
Analysis from: 7/16/2019 4:42:03 PM
File: _2019-07-16_

Last save: 7/16/2019 5:10:22 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67867

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

SAMPLE:
: AK/AP
Vial number: 16
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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