

Clear table

IC-1 300.0

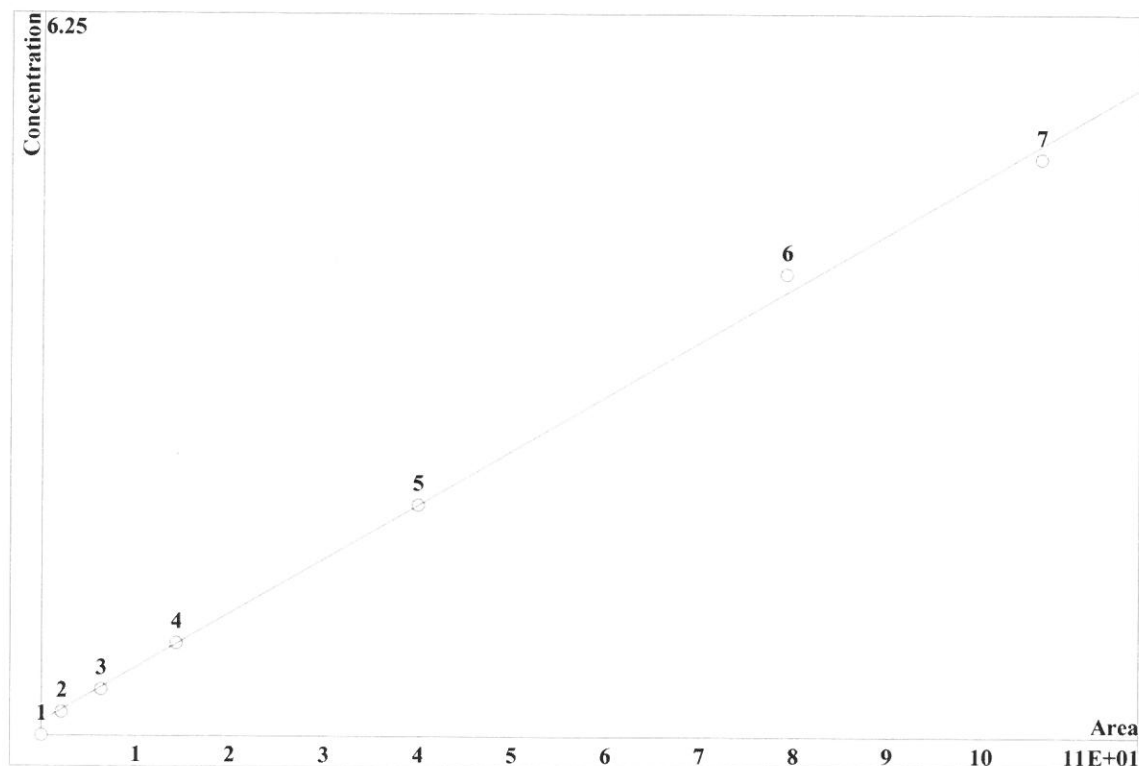
07-22-19

ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-15	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	2.0070	3.0010	3.0200	10.0280	2.4720	5.9830	14.5720	2019-07-19	7/19/19 14:05		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-19	7/19/19 14:38		AK/AP
LB104133BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-19	7/19/19 15:10		AK/AP
LB104133BSW	2.0200	2.9730	2.9390	9.7310	2.4340	6.0560	14.6440	2019-07-19	7/19/19 15:41		AK/AP
K3921-01	0.2360	0.7770	0.0000	0.0000	0.7580	-0.3010	5.5650	2019-07-19	7/19/19 16:12		AK/AP
K3921-02	0.0000	0.7920	0.0000	0.0000	0.9040	-0.3690	5.5330	2019-07-19	7/19/19 16:44		AK/AP
K3921-03	0.0000	9.5480	0.0000	0.0000	0.1040	-0.3610	6.1820	2019-07-19	7/19/19 17:15		AK/AP
K3921-03DUP	0.0000	9.5630	0.0000	0.0000	0.1030	-0.3840	6.1520	2019-07-19	7/19/19 17:47		AK/AP
K3921-04MS	2.2760	12.1900	2.9620	10.3270	2.6500	7.5450	21.9710	2019-07-19	7/19/19 18:18		AK/AP
K3921-05MSD	2.1530	12.0780	2.8140	9.8010	2.5200	7.3640	21.0900	2019-07-19	7/19/19 18:49		AK/AP
K3931-01	0.0000	0.2910	0.0000	0.0000	0.0760	0.0000	0.3460	2019-07-19	7/19/19 19:21		AK/AP
CCV	1.9250	2.9140	2.9040	9.6790	2.4180	5.6780	14.1000	2019-07-19	7/19/19 19:52		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-19	7/19/19 20:24		AK/AP
CCV	2.0920	3.0160	3.0210	10.1280	2.5040	5.3690	14.9190	2019-07-22	7/22/19 8:40		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-22	7/22/19 9:16		AK/AP
LB104133BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-22	7/22/19 9:48		AK/AP
LB104133BSW2	2.0460	2.9910	2.9070	9.8720	2.4540	5.7480	14.8170	2019-07-22	7/22/19 10:19		AK/AP
K3921-03DLX2	0.0000	4.7120	0.0000	0.0000	0.0000	0.0000	3.2370	2019-07-22	7/22/19 10:53		AK/AP
CCV	1.9430	3.0050	2.9810	9.9900	2.4770	5.4680	14.7140	2019-07-22	7/22/19 11:25		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-22	7/22/19 11:56		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



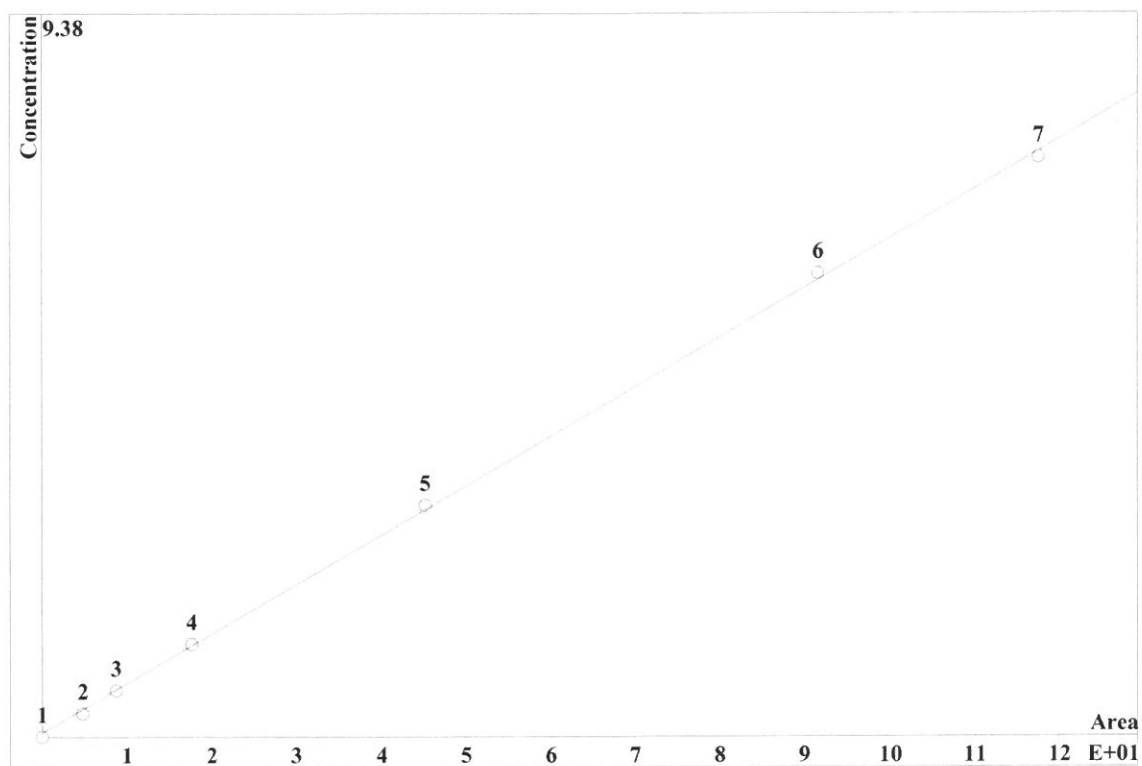
K3 = 0 K2 = 0 K1 = 0.940749 K0 = 2.44468

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



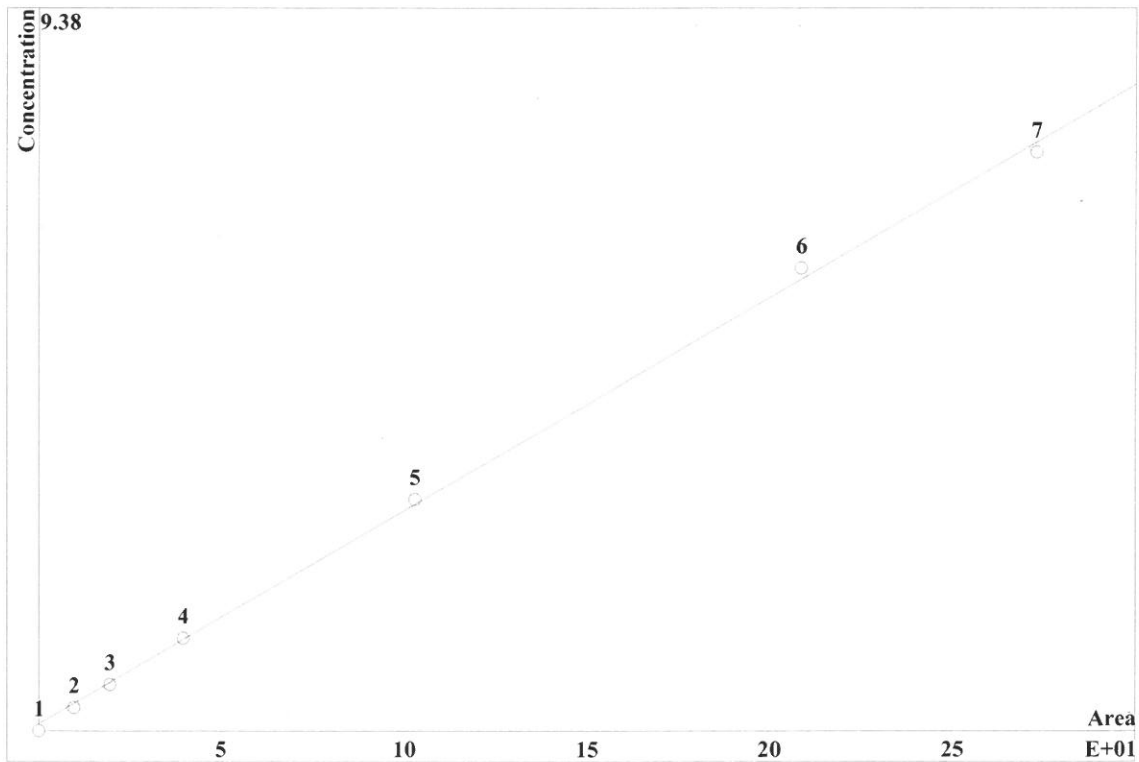
K3 = 0 K2 = 0 K1 = 1.28176 K0 = 1.02714

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

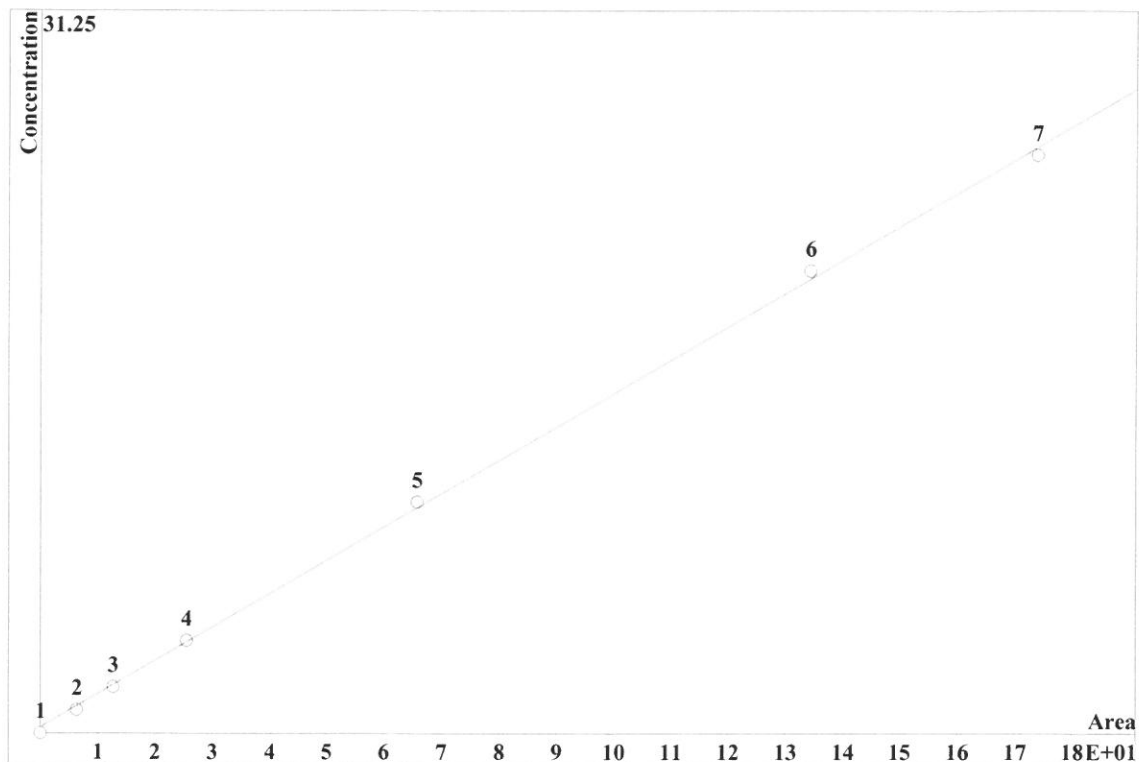


K3 = 0 K2 = 0 K1 = 0.552629 K0 = 1.83677
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



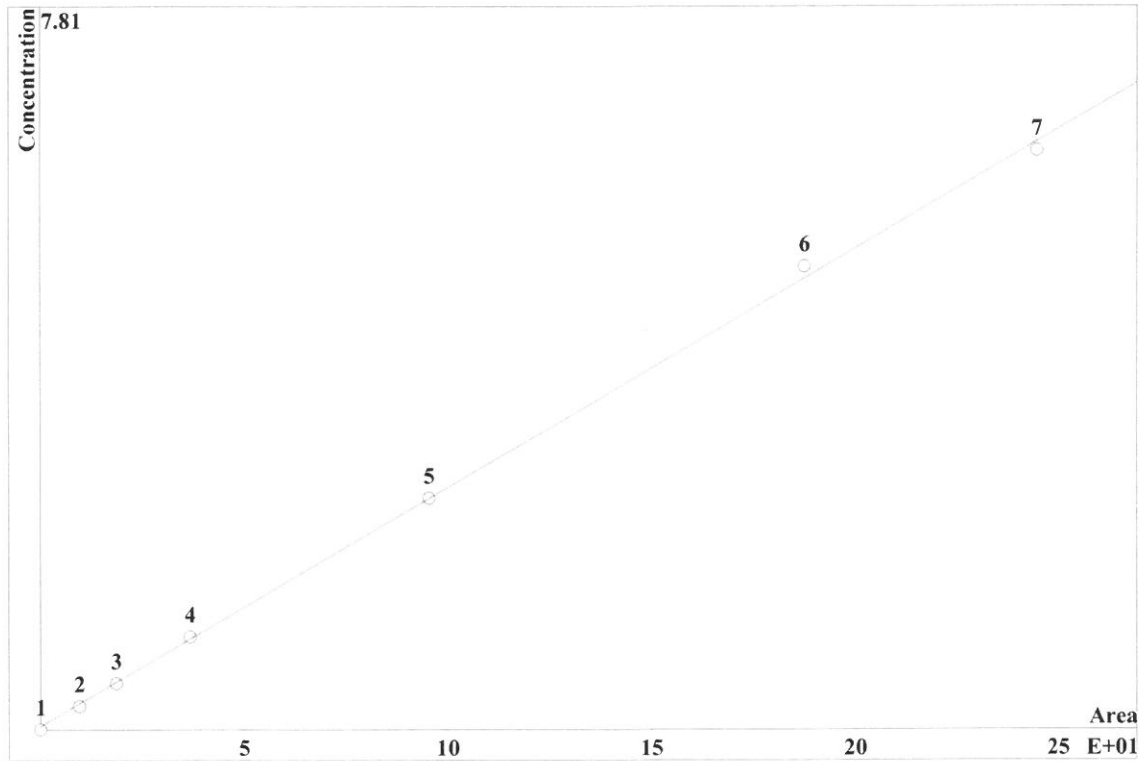
K3 = 0 K2 = 0 K1 = 2.88802 K0 = 5.29175

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

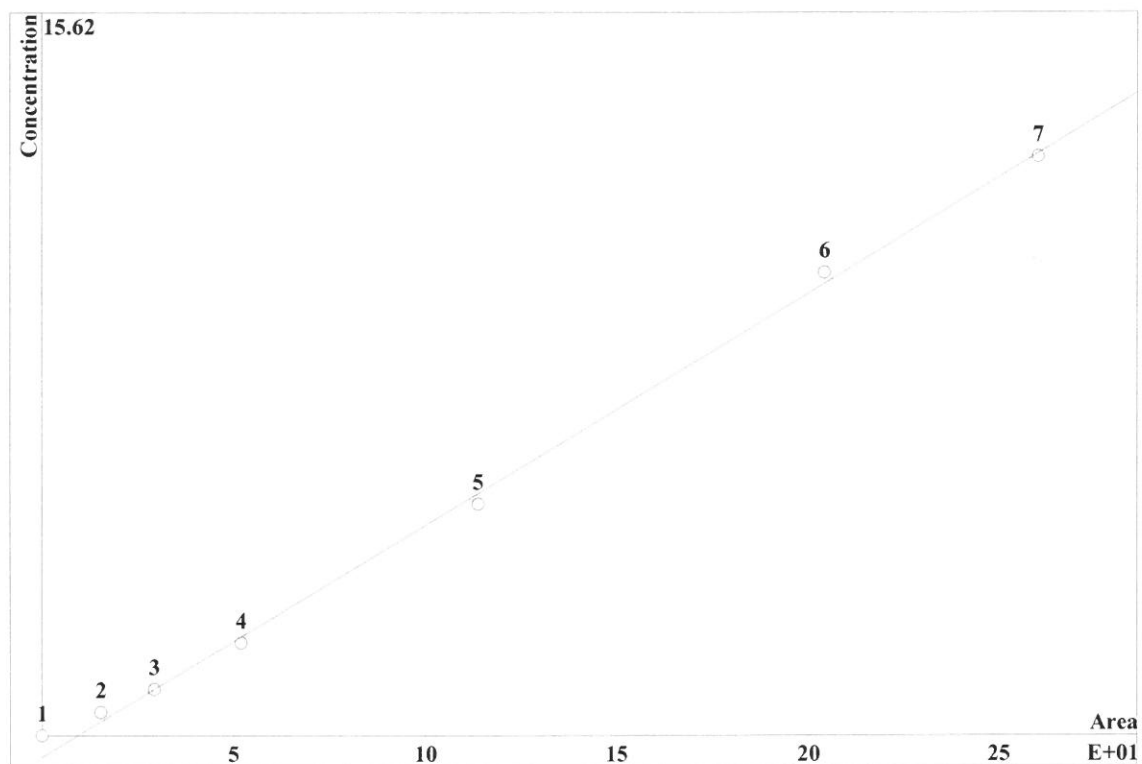


K3 = 0 K2 = 0 K1 = 0.516182 K0 = 0.686505
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



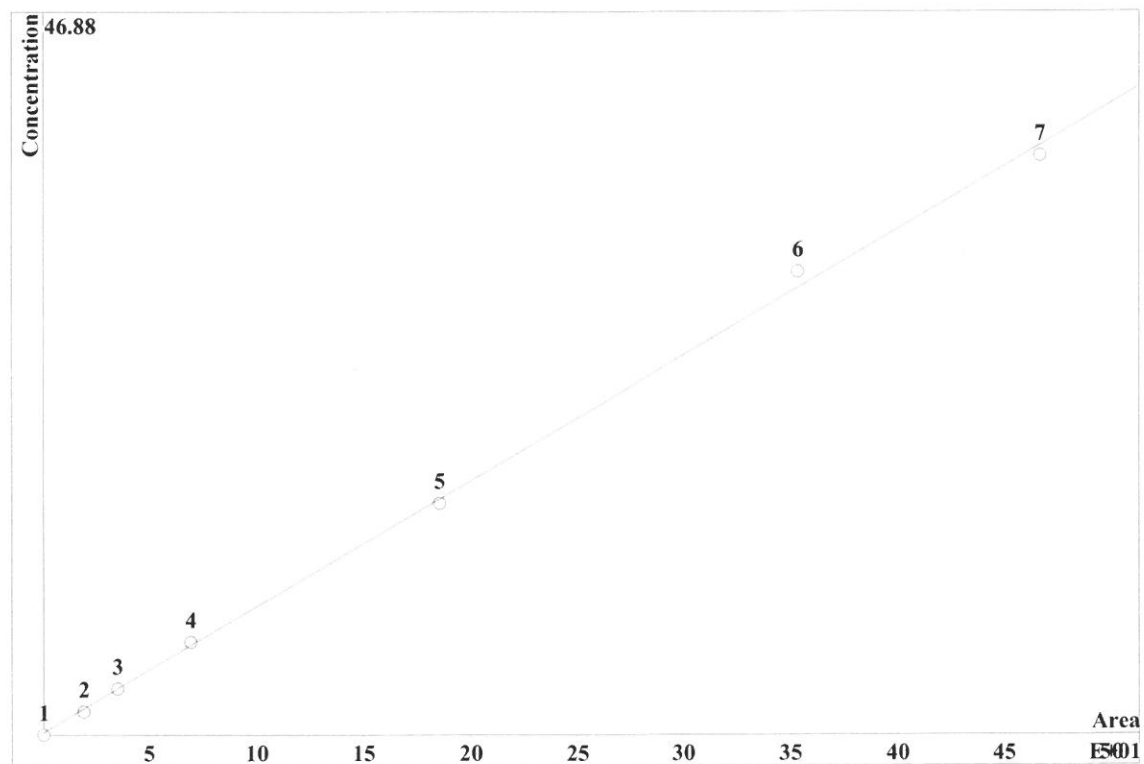
K3 = 0 K2 = 0 K1 = 1.00249 K0 = -9.45354

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: $Q = 1.63049 \cdot A + 3.16066$
 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

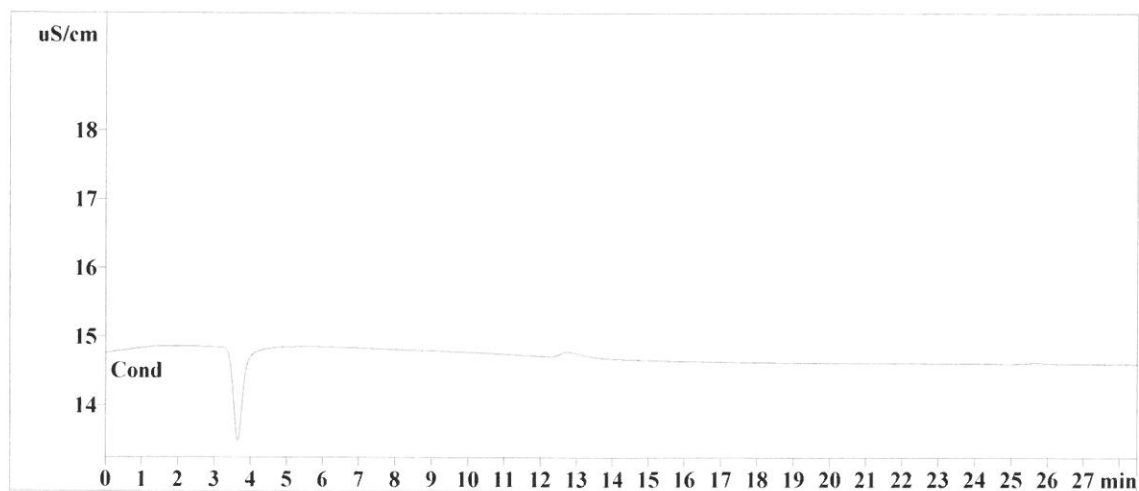
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Analysis from: 7/15/2019 9:32:51 AM
File: _2019-07-15_

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

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

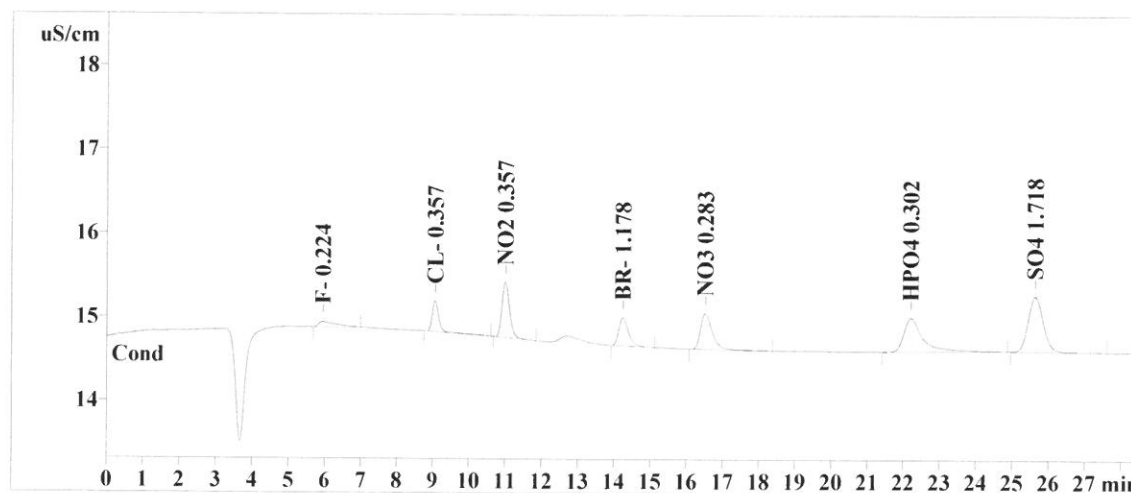
Ident: STD2
Analysis from: 7/15/2019 10:04:16 AM
File: _2019-07-15_

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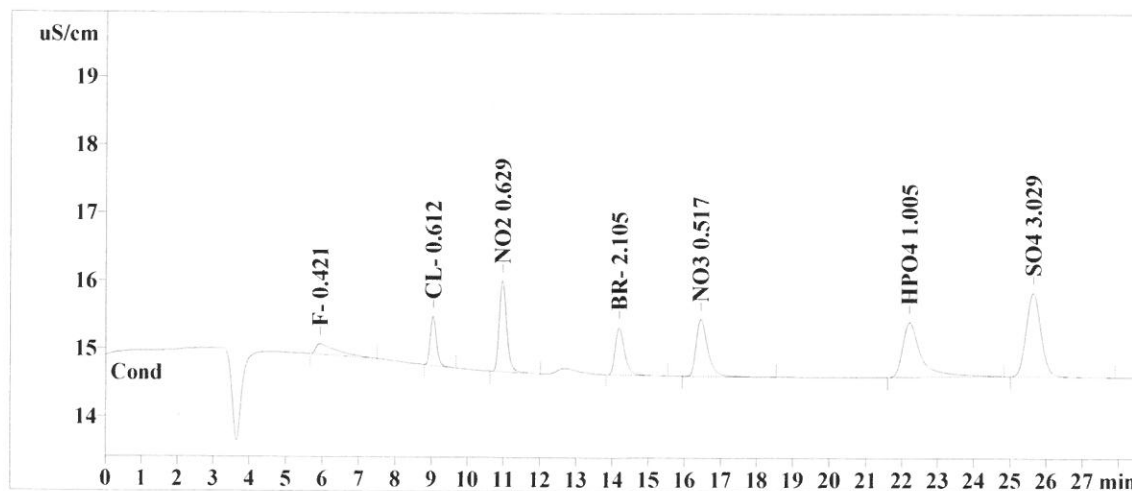
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Analysis from: 7/15/2019 10:35:41 AM
File: _2019-07-15_

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

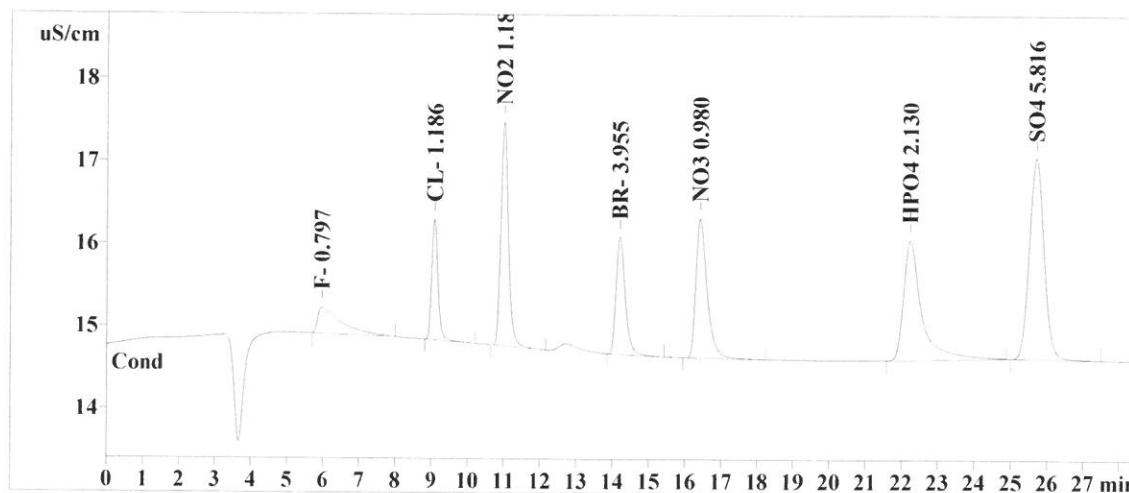
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File: _2019-07-15_

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

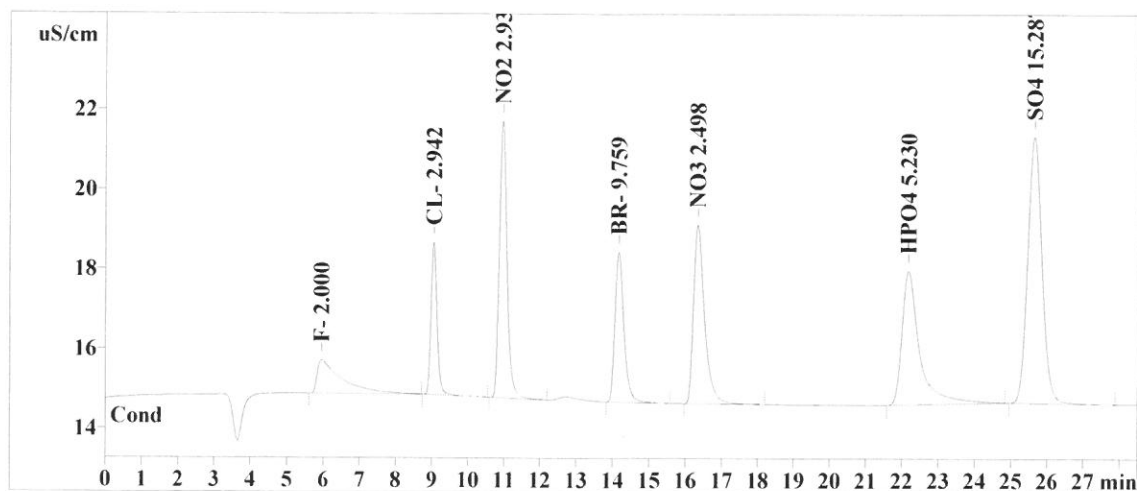
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File: _2019-07-15_

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

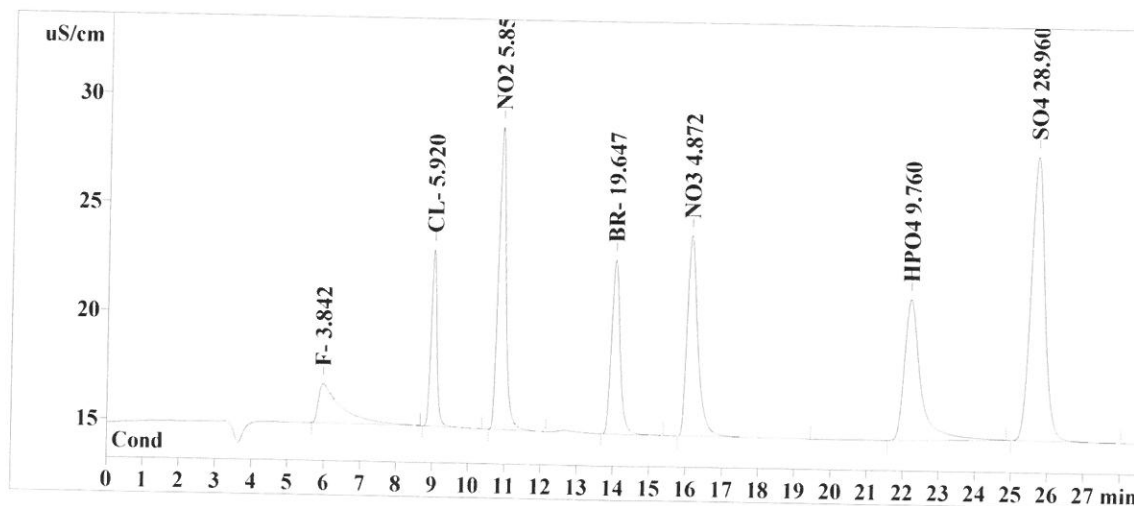
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Analysis from: 7/15/2019 1:54:35 PM
File: _2019-07-15_

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

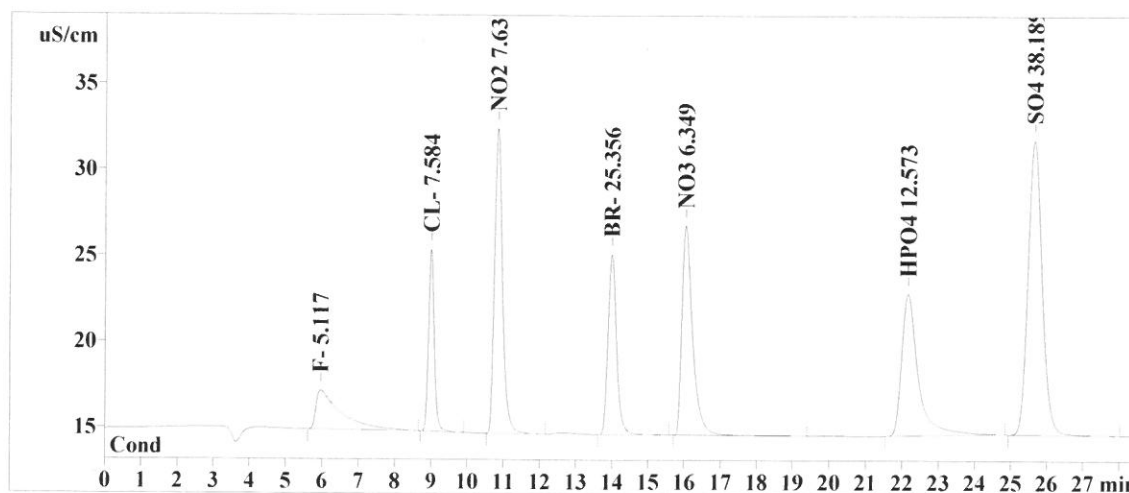
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File: _2019-07-15_

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.

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

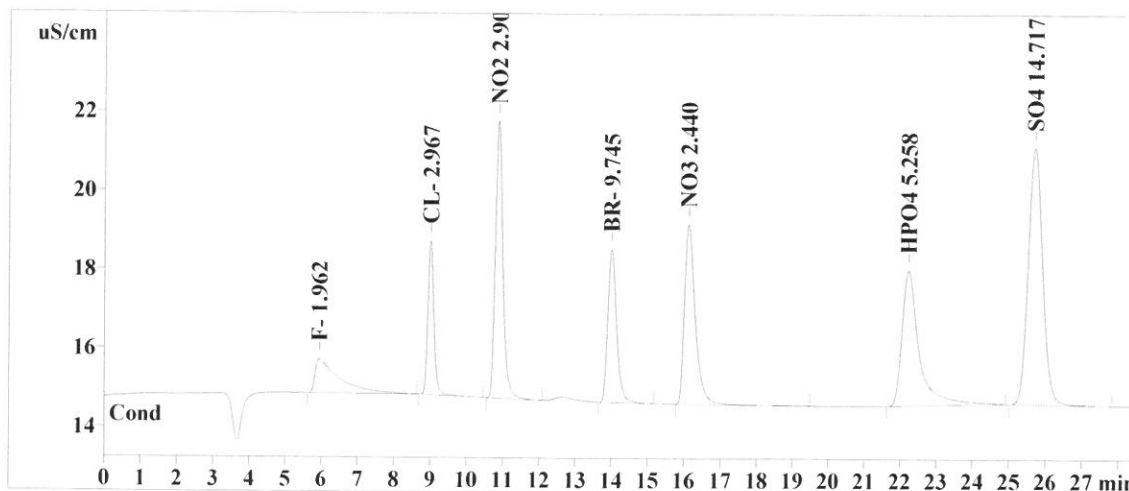
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Last save: 7/15/2019 3:25:44 PM

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

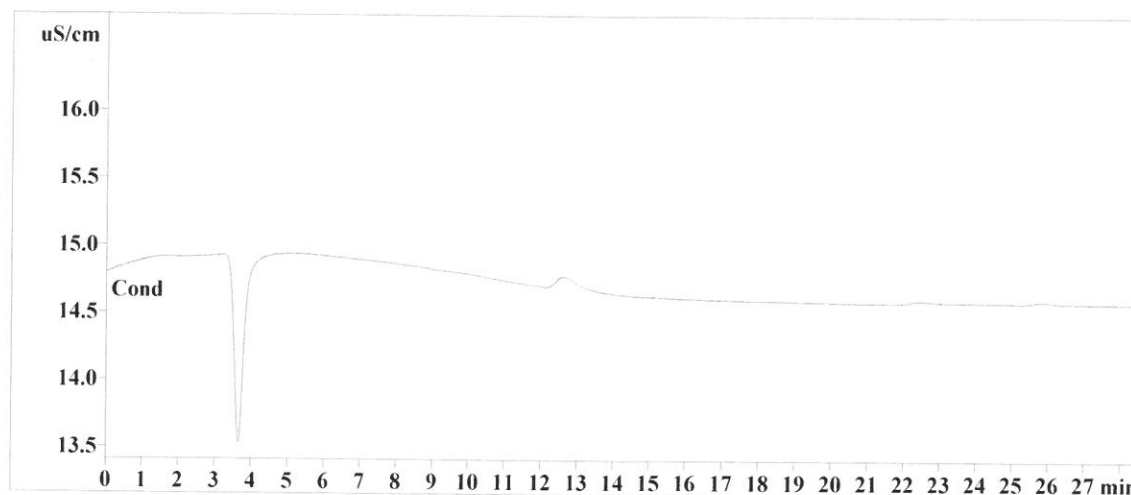
Ident: ICB
Analysis from: 7/15/2019 3:28:49 PM
File: _2019-07-15_

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: 7/19/2019 4:22:31 PM
Printed by: wet

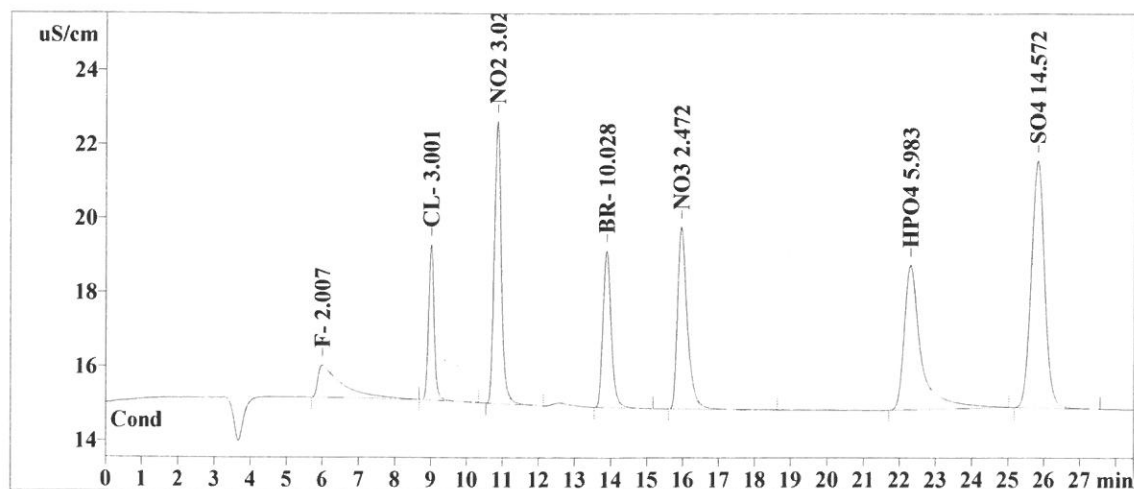
Ident: CCV
Analysis from: 7/19/2019 2:05:01 PM
File: _2019-07-19_

Last save: 7/19/2019 2:33:20 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67939

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	0.599	0.87	2.68	40.066	6.07	0.
2	8.99	0.163	4.20	12.95	46.028	6.98	0.
3	10.82	0.207	7.62	23.52	105.983	16.06	0.
4	13.86	0.238	4.23	13.06	67.614	10.25	0.
5	15.93	0.282	4.91	15.17	94.453	14.32	0.
6	22.28	0.421	3.90	12.03	128.803	19.52	0.
7	25.79	0.405	6.67	20.58	176.800	26.80	0.
7	28.50	0.331	32.39	99.99	659.746	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/19/2019 4:22:48 PM
Printed by: wet

Ident: CCB
Analysis from: 7/19/2019 2:38:40 PM
File: _2019-07-19_

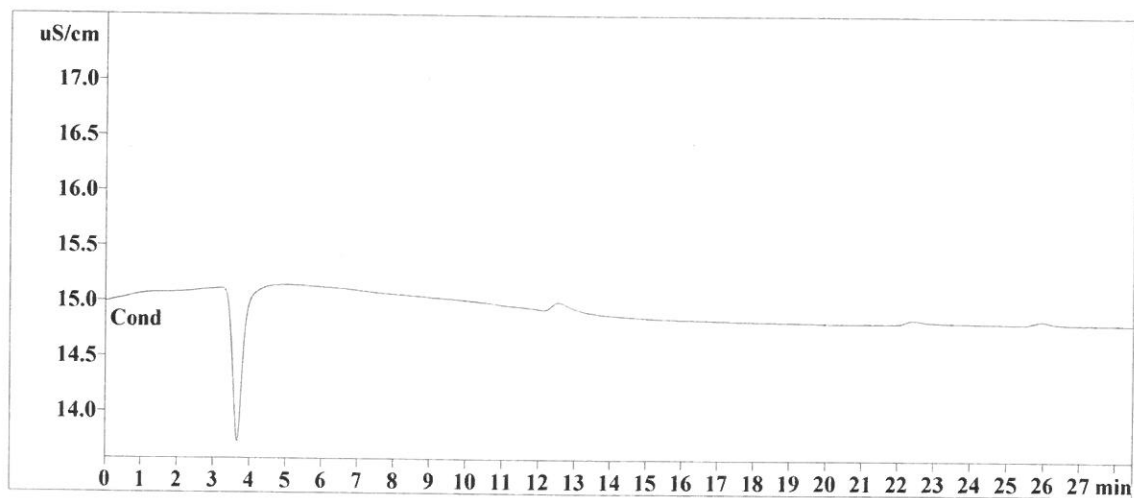
Last save: 7/19/2019 4:22:48 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67940

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: 7/22/2019 10:52:27 AM
Printed by: wet

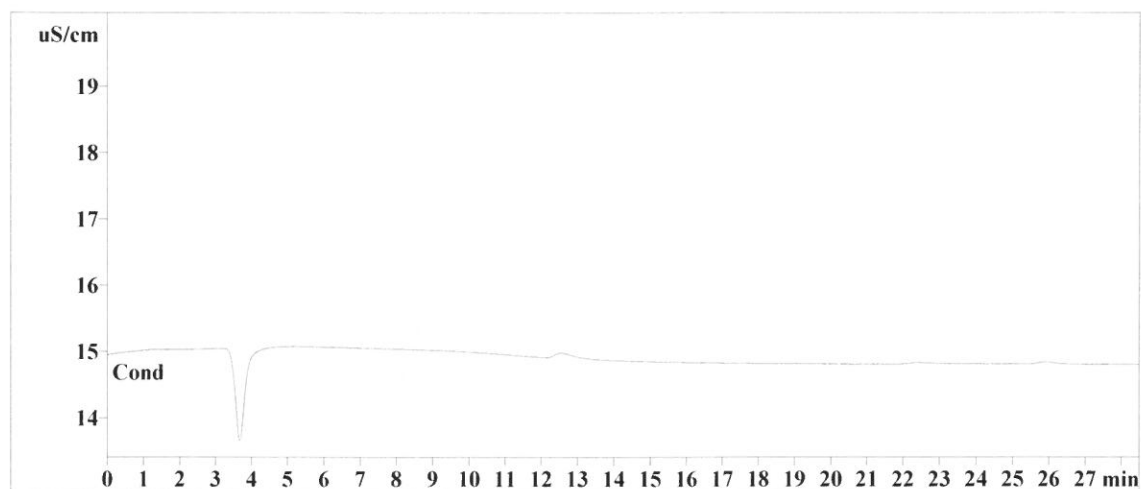
Ident: LB104133BLW
Analysis from: 7/19/2019 3:10:04 PM
File: _2019-07-19_

Last save: 7/22/2019 10:52:24 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67941

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: 7/22/2019 10:52:35 AM
 Printed by: wet

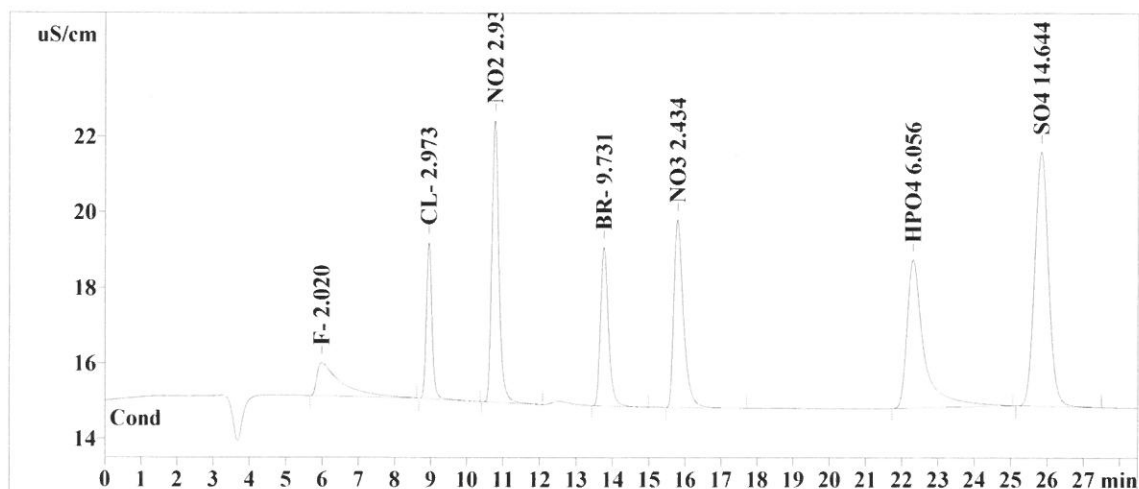
Ident: LB104133BSW
 Analysis from: 7/19/2019 3:41:28 PM
 File: _2019-07-19_

Last save: 7/22/2019 10:52:02 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67942

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	5.98	0.600	0.87	2.71	40.344	6.16	0.
2	8.94	0.163	4.13	12.81	45.595	6.96	0.
3	10.75	0.205	7.45	23.08	103.044	15.72	0.
4	13.74	0.234	4.20	13.01	65.557	10.00	0.
5	15.77	0.276	4.96	15.38	92.968	14.18	0.
6	22.30	0.422	3.92	12.16	130.250	19.87	0.
7	25.82	0.403	6.73	20.86	177.688	27.11	0.
7	28.50	0.329	32.26	100.00	655.446	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/22/2019 10:54:22 AM
Printed by: wet

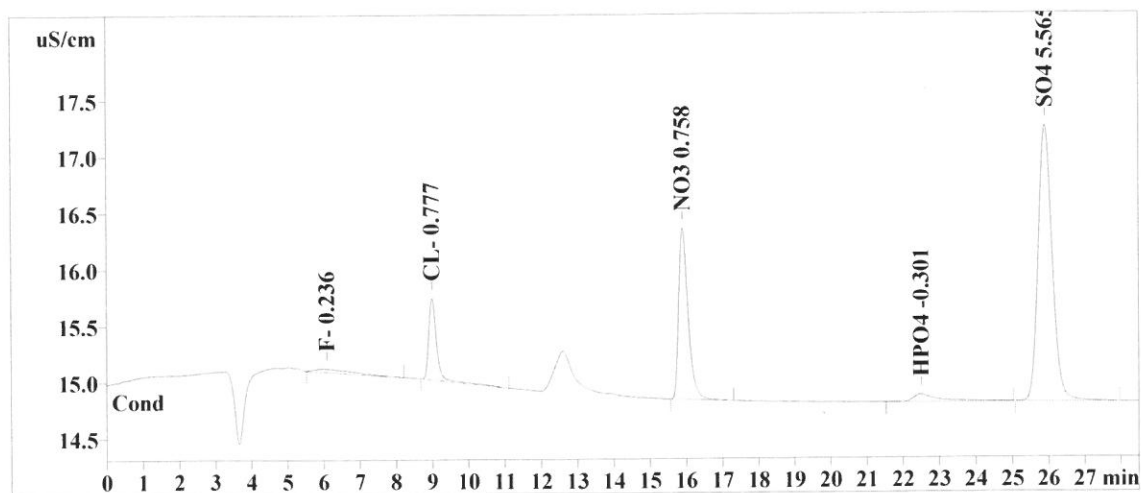
Ident: K3921-01
Analysis from: 7/19/2019 4:12:53 PM
File: _2019-07-19_

Last save: 7/22/2019 10:53:16 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67943

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	6.10	1.208	0.03	0.65	2.414	2.16	0.
2	9.00	0.216	0.72	15.11	11.318	10.15	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	15.90	0.275	1.52	31.68	28.041	25.14	0.
6	22.50	0.575	0.07	1.41	3.434	3.08	0.
7	25.91	0.410	2.45	51.10	66.317	59.46	0.
7	28.50	0.383	4.78	99.95	111.524	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/22/2019 10:54:33 AM
 Printed by: wet

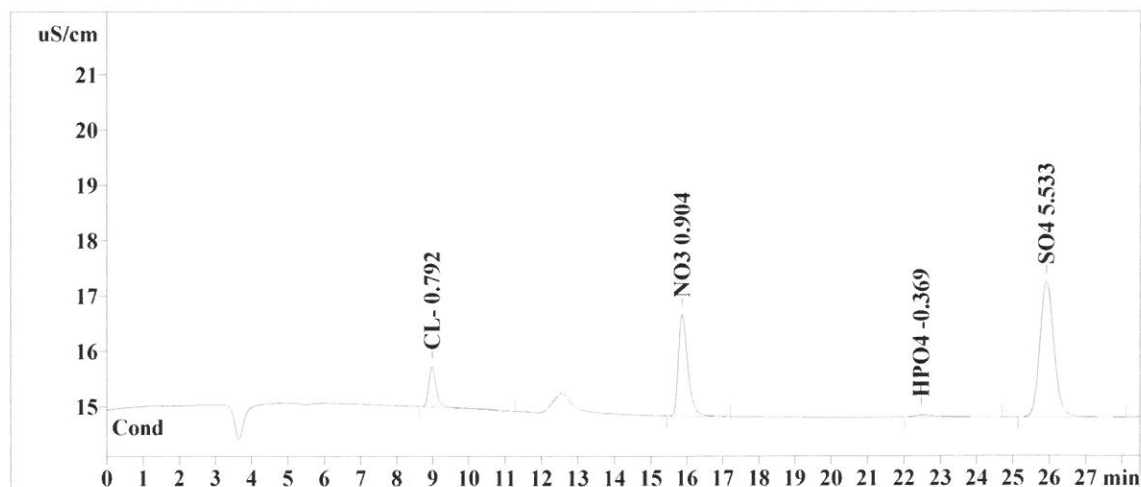
Ident: K3921-02
 Analysis from: 7/19/2019 4:44:17 PM
 File: _2019-07-19_

Last save: 7/19/2019 5:12:36 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67944

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.98	0.217	0.72	14.23	11.549	10.20	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	15.87	0.274	1.83	36.39	33.711	29.77	0.
6	22.49	0.566	0.04	0.83	2.067	1.83	0.
7	25.92	0.409	2.44	48.55	65.926	58.21	0.
7	28.50	0.209	5.03	99.99	113.254	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/22/2019 10:55:15 AM
Printed by: wet

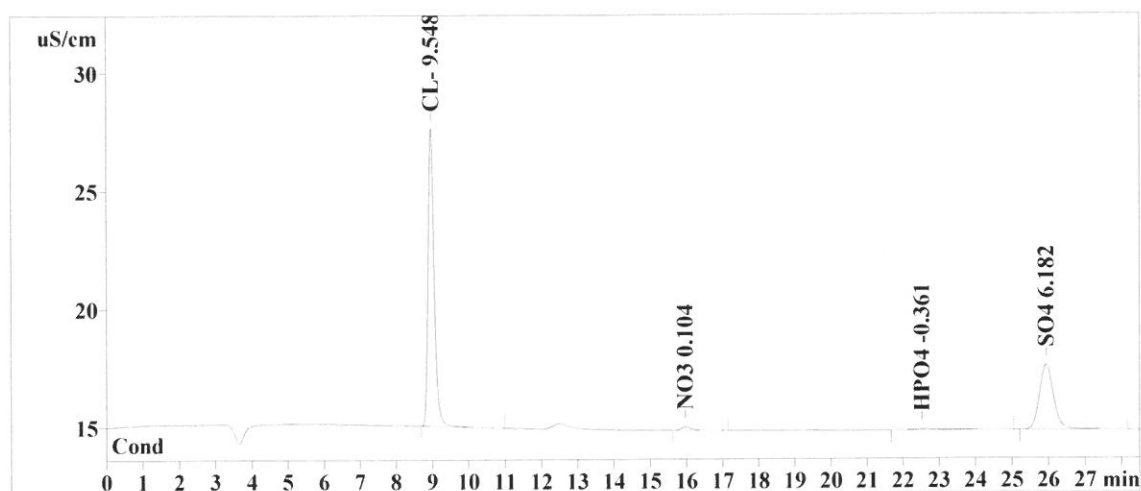
Ident: K3921-03
Analysis from: 7/19/2019 5:15:42 PM
File: _2019-07-19_

Last save: 7/22/2019 10:55:12 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67945

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.96	0.173	12.58	81.12	148.178	65.28	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.97	0.285	0.14	0.89	2.702	1.19	0.
6	22.53	0.643	0.04	0.26	2.231	0.98	0.
7	25.93	0.406	2.75	17.72	73.886	32.55	0.
7	28.50	0.215	15.51	99.99	226.996	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/22/2019 10:55:22 AM
Printed by: wet

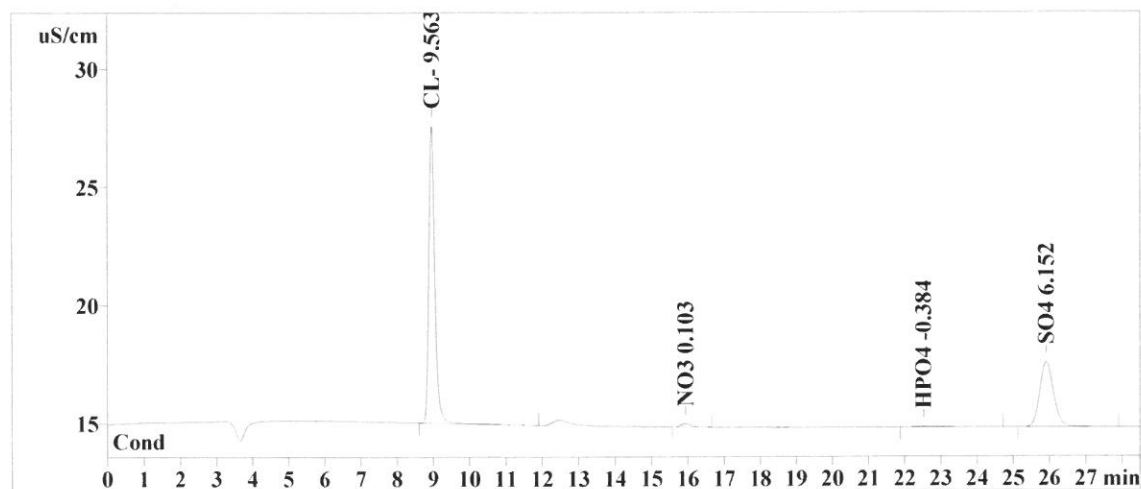
Ident: K3921-03DUP
Analysis from: 7/19/2019 5:47:07 PM
File: _2019-07-19_

Last save: 7/19/2019 6:15:26 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67946

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.95	0.172	12.57	81.14	148.418	65.56	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	15.93	0.286	0.14	0.90	2.678	1.18	0.
6	22.52	0.607	0.03	0.22	1.769	0.78	0.
7	25.91	0.406	2.75	17.73	73.518	32.48	0.
7	28.50	0.210	15.49	100.00	226.383	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/22/2019 10:55:31 AM
 Printed by: wet

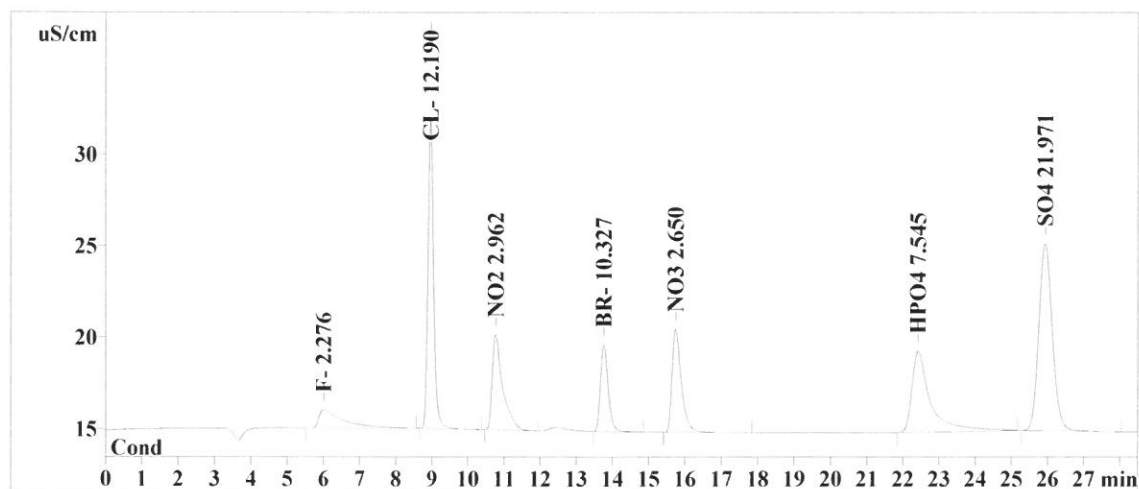
Ident: K3921-04MS
 Analysis from: 7/19/2019 6:18:31 PM
 File: _2019-07-19_

Last save: 7/19/2019 6:46:50 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67947

Last save: 7/15/2019 3:05:48 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	6.00	0.616	0.98	2.05	45.782	4.88	0.
2	8.95	0.166	16.83	35.08	189.398	20.20	0.
3	10.76	0.268	5.18	10.81	103.871	11.08	0.
4	13.76	0.221	4.72	9.85	69.686	7.43	0.
5	15.74	0.266	5.61	11.70	101.336	10.81	0.
6	22.42	0.444	4.43	9.23	159.964	17.06	0.
7	25.92	0.399	10.21	21.29	267.563	28.54	0.
7	28.50	0.340	47.98	100.00	937.601	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/22/2019 10:55:40 AM
Printed by: wet

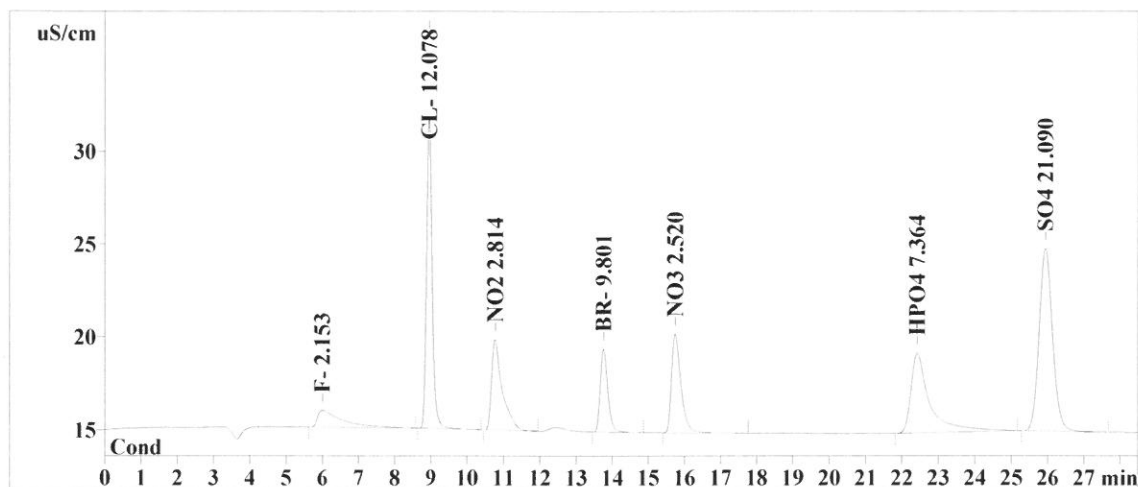
Ident: K3921-05MSD
Analysis from: 7/19/2019 6:49:55 PM
File: _2019-07-19_

Last save: 7/19/2019 7:18:14 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67948

Last save: 7/15/2019 3:05:48 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	6.00	0.628	0.91	1.96	43.174	4.77	0.
2	8.95	0.166	16.65	35.95	187.662	20.74	0.
3	10.76	0.272	4.86	10.49	98.529	10.89	0.
4	13.75	0.222	4.46	9.64	66.041	7.30	0.
5	15.74	0.268	5.31	11.46	96.304	10.64	0.
6	22.42	0.445	4.30	9.29	156.342	17.28	0.
7	25.93	0.399	9.82	21.21	256.753	28.38	0.
7	28.50	0.343	46.31	100.00	904.805	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/22/2019 10:56:15 AM
Printed by: wet

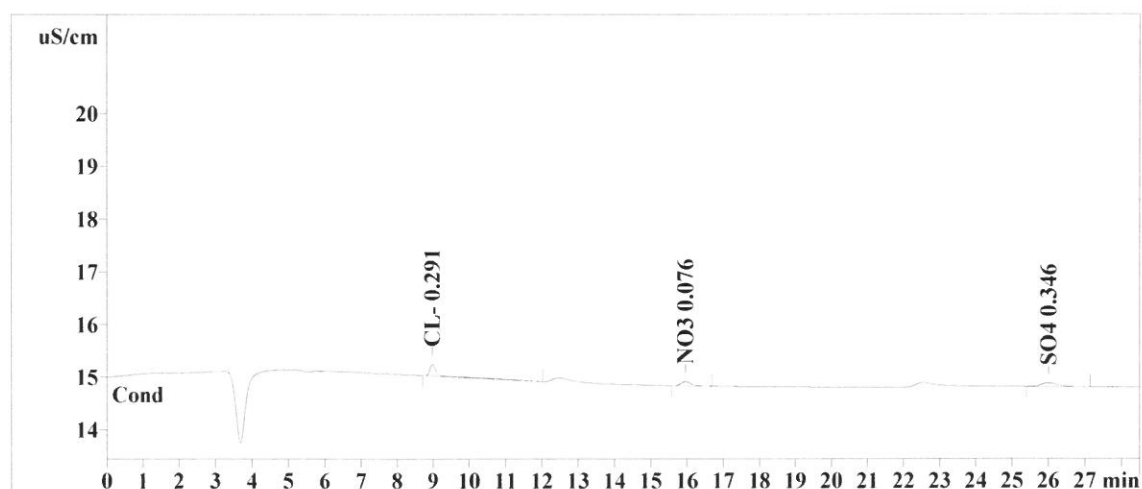
Ident: K3931-01
Analysis from: 7/19/2019 7:21:20 PM
File: _2019-07-19_

Last save: 7/22/2019 10:56:12 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67949

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

SAMPLE:
: AK/AP
Vial number: 18
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	0.169	0.22	58.97	3.734	48.83	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	15.95	0.296	0.08	20.94	1.603	20.96	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.99	0.441	0.08	19.75	2.310	30.21	0.
7	28.50	0.129	0.38	99.67	7.647	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/22/2019 10:56:24 AM
Printed by: wet

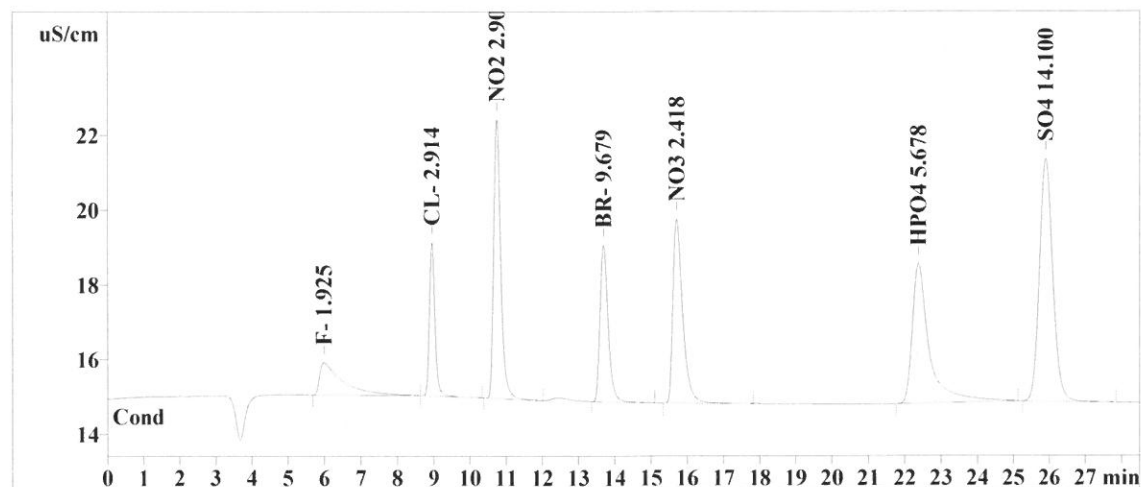
Ident: CCV
Analysis from: 7/19/2019 7:52:44 PM
File: _2019-07-19_

Last save: 7/19/2019 8:21:02 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67950

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	0.572	0.87	2.73	38.329	6.03	0.
2	8.94	0.161	4.09	12.90	44.664	7.02	0.
3	10.73	0.203	7.46	23.49	101.763	16.00	0.
4	13.68	0.233	4.18	13.18	65.199	10.25	0.
5	15.71	0.277	4.92	15.49	92.372	14.52	0.
6	22.37	0.418	3.74	11.78	122.705	19.29	0.
7	25.89	0.402	6.49	20.43	171.020	26.89	0.
7	28.50	0.324	31.75	100.00	636.052	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/22/2019 10:56:44 AM
Printed by: wet

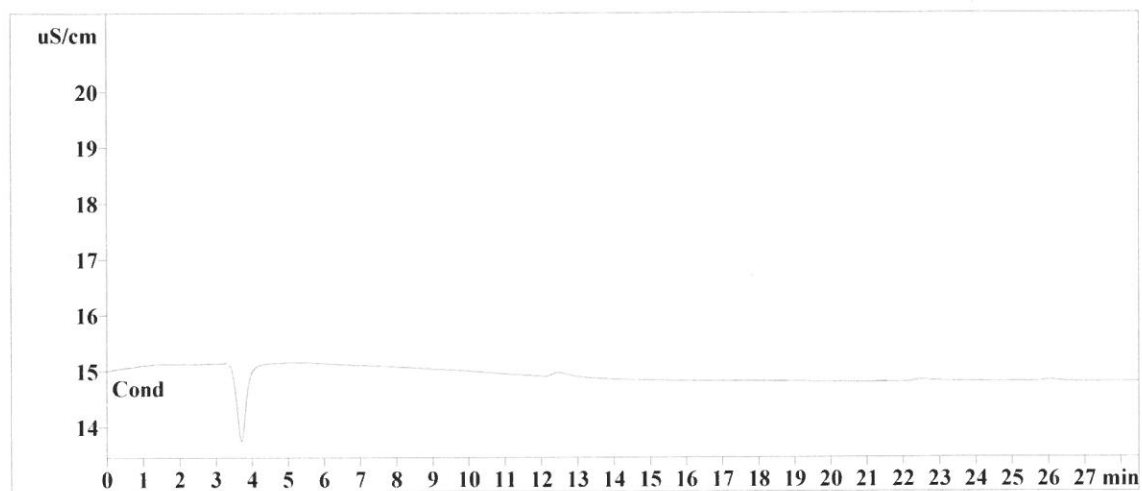
Ident: CCB
Analysis from: 7/19/2019 8:24:08 PM
File: _2019-07-19_

Last save: 7/22/2019 10:56:40 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67951

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: 7/22/2019 2:03:15 PM
 Printed by: wet

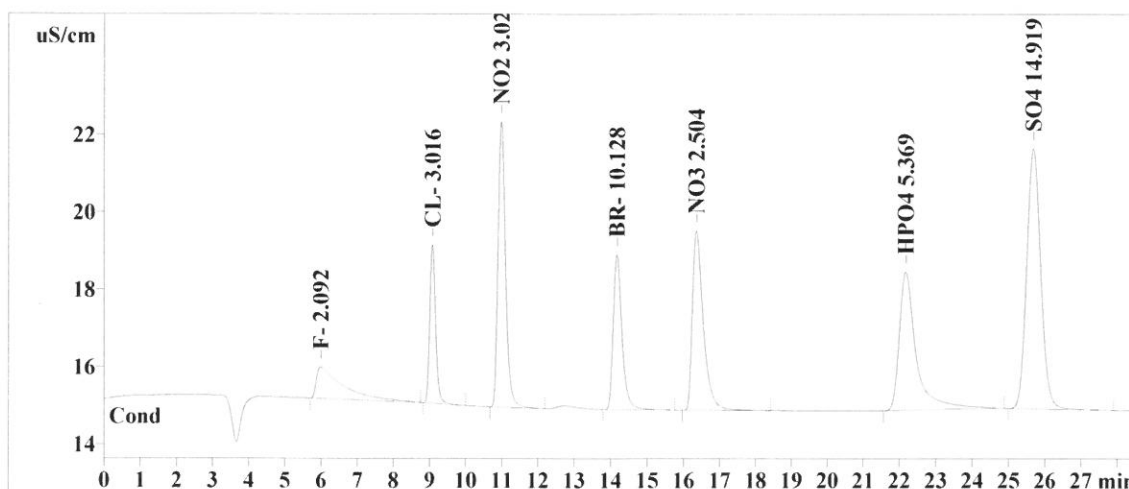
Ident: CCV
 Analysis from: 7/22/2019 8:40:53 AM
 File: _2019-07-22_

Last save: 7/22/2019 9:09:12 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67956

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	0.670	0.81	2.61	41.875	6.39	0.
2	9.08	0.169	4.09	13.13	46.262	7.05	0.
3	10.97	0.215	7.37	23.63	106.015	16.17	0.
4	14.17	0.253	4.00	12.82	68.304	10.42	0.
5	16.35	0.302	4.62	14.82	95.691	14.59	0.
6	22.17	0.423	3.57	11.46	116.534	17.77	0.
7	25.67	0.411	6.71	21.52	181.062	27.61	0.
7	28.50	0.349	31.19	100.00	655.743	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/22/2019 2:03:26 PM
Printed by: wet

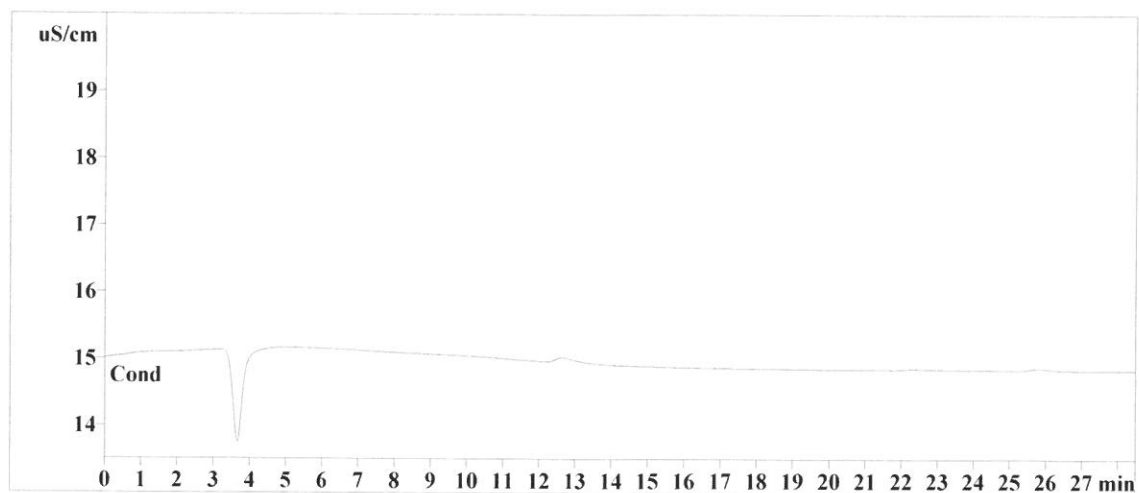
Ident: CCB
Analysis from: 7/22/2019 9:16:59 AM
File: _2019-07-22_

Last save: 7/22/2019 9:45:18 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67957

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: 7/22/2019 2:03:43 PM
Printed by: wet

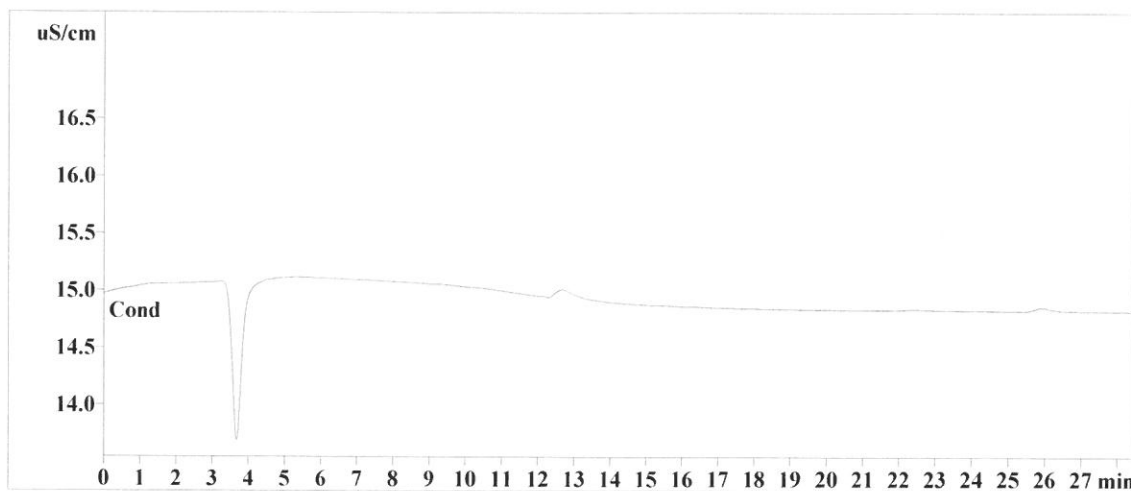
Ident: LB104133BLW2
Analysis from: 7/22/2019 9:48:23 AM
File: _2019-07-22_

Last save: 7/22/2019 2:03:40 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67958

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: 7/22/2019 2:03:52 PM
Printed by: wet

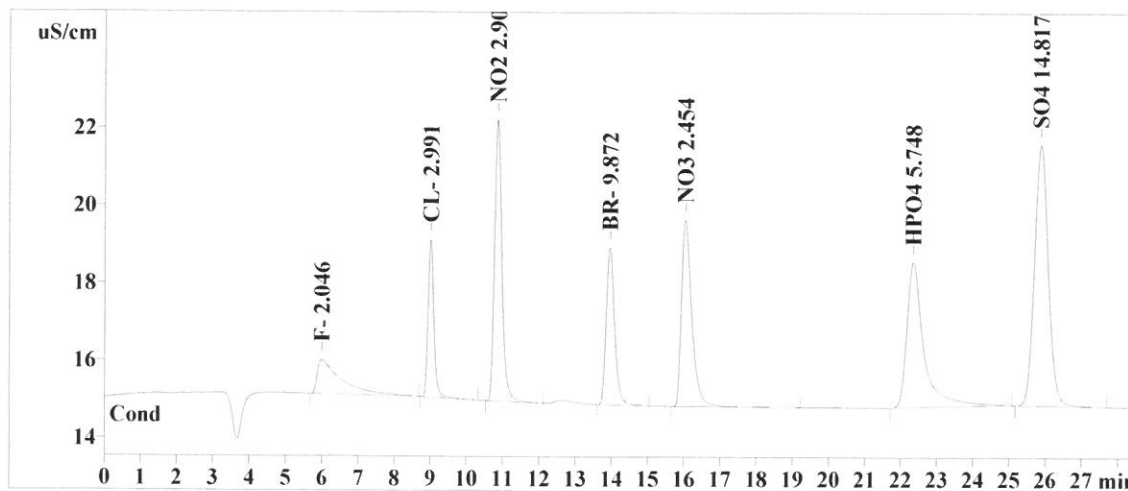
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Analysis from: 7/22/2019 10:19:48 AM
File: _2019-07-22_

Last save: 7/22/2019 10:52:02 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67959

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	6.00	0.597	0.88	2.80	40.897	6.26	0.
2	9.00	0.168	4.06	12.88	45.872	7.03	0.
3	10.84	0.209	7.25	23.02	101.893	15.61	0.
4	13.94	0.246	4.05	12.86	66.536	10.19	0.
5	16.03	0.286	4.80	15.23	93.739	14.36	0.
6	22.34	0.429	3.73	11.86	124.107	19.01	0.
7	25.86	0.408	6.72	21.35	179.810	27.54	0.
7	28.50	0.335	31.49	99.99	652.853	100.00	0.

This report has been created by IC Net
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Report date: 7/22/2019 2:04:14 PM
Printed by: wet

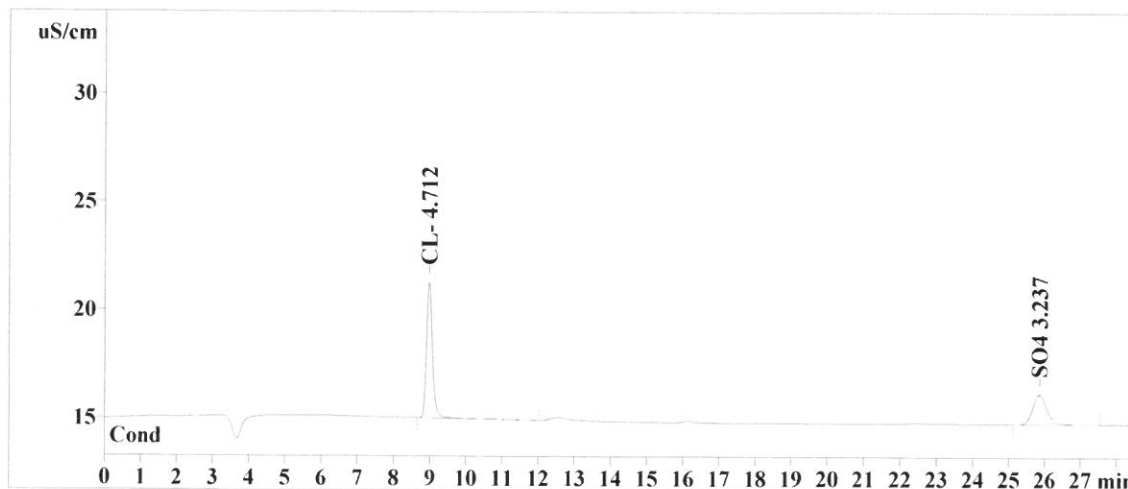
Ident: K3921-03DLX2
Analysis from: 7/22/2019 10:53:44 AM
File: _2019-07-22_

Last save: 7/22/2019 2:04:12 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67960

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

SAMPLE:
: AK/AP
Vial number: 19
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.97	0.169	6.26	82.00	72.723	65.82	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	25.85	0.416	1.37	18.00	37.768	34.18	0.
7	28.50	0.084	7.64	100.00	110.491	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/22/2019 2:04:22 PM
 Printed by: wet

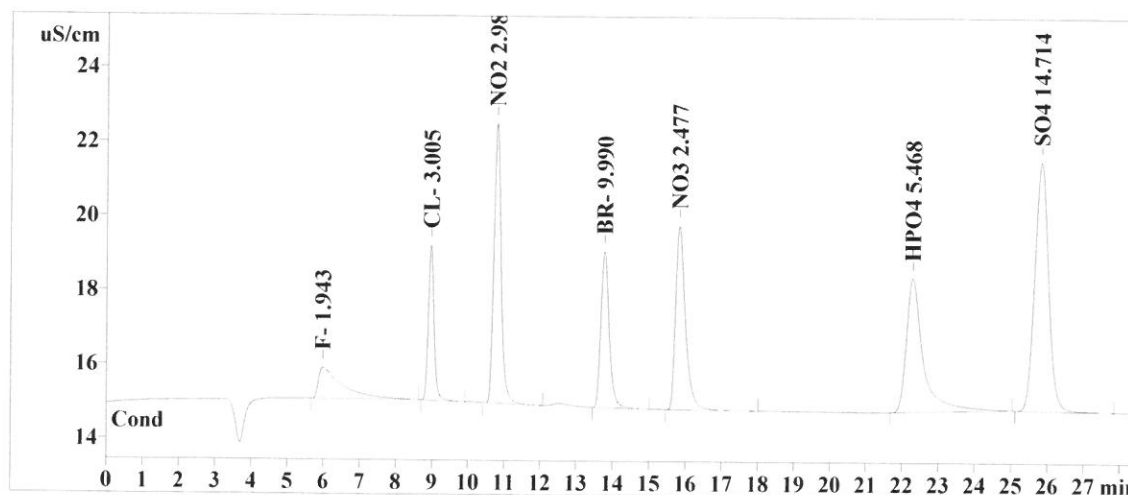
Ident: CCV
 Analysis from: 7/22/2019 11:25:08 AM
 File: _2019-07-22_

Last save: 7/22/2019 11:53:26 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67961

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	5.98	0.604	0.84	2.62	38.699	5.97	0.
2	8.95	0.165	4.16	13.01	46.082	7.11	0.
3	10.77	0.207	7.52	23.55	104.544	16.12	0.
4	13.76	0.240	4.20	13.15	67.347	10.39	0.
5	15.81	0.282	4.94	15.46	94.654	14.60	0.
6	22.27	0.423	3.60	11.27	118.512	18.28	0.
7	25.80	0.407	6.69	20.93	178.547	27.54	0.
7	28.50	0.332	31.93	99.99	648.384	100.00	0.

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Report date: 7/22/2019 2:04:30 PM
Printed by: wet

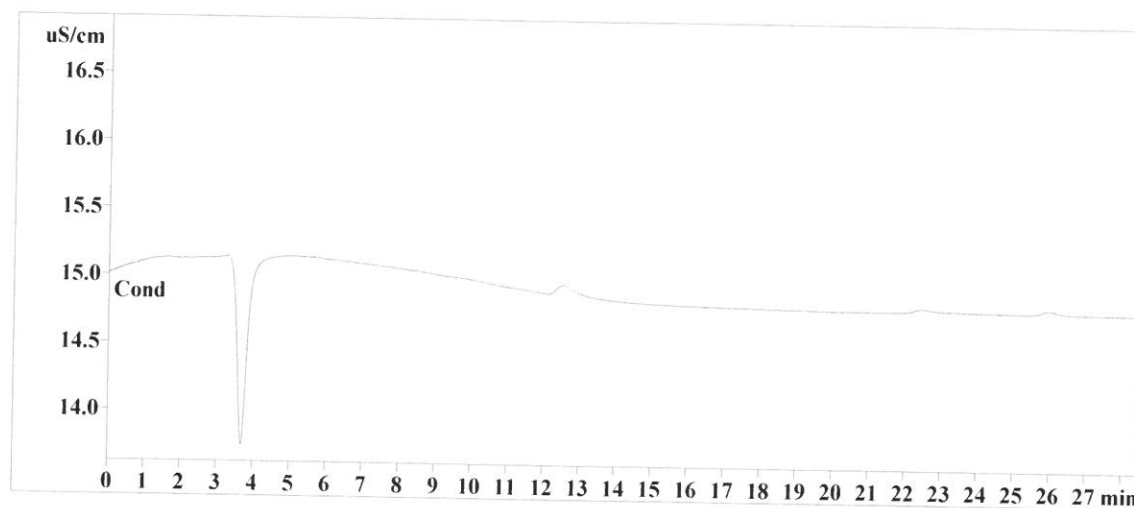
Ident: CCB
Analysis from: 7/22/2019 11:56:33 AM
File: _2019-07-22_

Last save: 7/22/2019 12:24:52 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67962

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

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