

Clear table

IC-1 300-0
4-22-19 AD

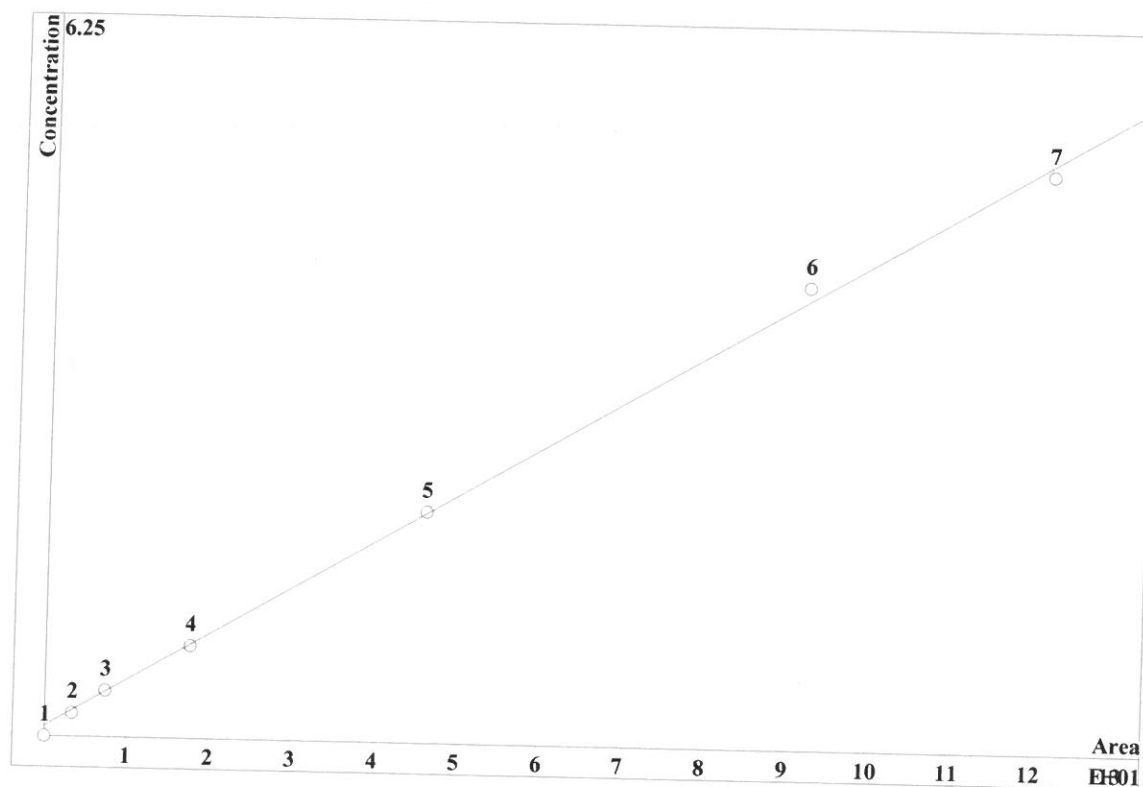
ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-04-15	4/15/19 9:37		AK/AP
STD2	0.2290	0.4020	0.3840	1.2950	0.3210	0.2240	2.0220	2019-04-15	4/15/19 10:07		AK/AP
STD3	0.3950	0.6620	0.6410	2.1300	0.5530	0.9770	3.2840	2019-04-15	4/15/19 10:37		AK/AP
STD4	0.8160	1.1960	1.1990	3.9670	0.9890	2.2200	5.9320	2019-04-15	4/15/19 11:07		AK/AP
STD5	1.9860	2.8350	2.8460	9.5210	2.3630	5.1230	14.1130	2019-04-15	4/15/19 11:37		AK/AP
STD6	3.8810	5.8130	5.9110	19.6790	4.9110	10.2580	29.4100	2019-04-15	4/15/19 12:06		AK/AP
STD7	5.0930	7.6920	7.6190	25.4080	6.3630	11.8160	38.2400	2019-04-15	4/15/19 12:36		AK/AP
ICV	2.0070	2.8910	2.9120	9.6650	2.4130	5.1100	14.5630	2019-04-15	4/15/19 13:18		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-04-15	4/15/19 13:48		AK/AP
CCV	1.8770	2.8490	2.8980	9.6590	2.4400	4.5290	14.0940	2019-04-15	4/19/19 8:21		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-04-19	4/19/19 8:57		AK/AP
LB102222BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-04-19	4/19/19 9:27		AK/AP
LB102222BSW	2.0100	2.9140	2.9910	9.6040	2.3910	4.8580	14.2670	2019-04-19	4/19/19 9:57		AK/AP
K2487-02	0.0000	38.3570	0.0000	0.0000	0.6350	0.0000	50.4210	2019-04-19	4/19/19 10:28		AK/AP
K2487-05	0.0000	39.0670	0.0000	0.0000	0.6350	0.0000	50.6960	2019-04-19	4/19/19 10:58		AK/AP
K2487-01	0.0000	41.1640	0.0000	0.0000	0.9870	0.0000	47.5550	2019-04-19	4/19/19 11:28		AK/AP
K2487-06	0.0000	35.7970	0.0000	0.0000	0.0000	0.0000	5.2850	2019-04-19	4/19/19 11:58		AK/AP
K2494-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-04-19	4/19/19 12:28		AK/AP
K2487-03MS	2.2830	0.2980	0.0000	0.0000	0.1440	0.0000	0.0000	2019-04-19	4/19/19 12:57		AK/AP
K2487-04MSD	2.3120	37.6440	2.8300	10.2650	3.0230	5.2970	62.8930	2019-04-19	4/19/19 13:27		AK/AP
CCV	2.0600	38.0610	2.7480	10.0430	3.0420	5.2710	64.6270	2019-04-19	4/19/19 14:22		AK/AP
CCB	0.0000	2.8750	2.8960	9.7230	2.4050	5.2990	14.1560	2019-04-19	4/19/19 14:57		AK/AP
K2487-02DLX2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-04-19	4/19/19 15:27		AK/AP
K2487-02DL2X10	0.0000	18.3430	0.0000	0.0000	0.3740	0.0000	24.0110	2019-04-19	4/19/19 15:56		AK/AP
K2487-05DLX2	0.0000	3.1970	0.0000	0.0000	0.0000	0.0000	4.8790	2019-04-19	4/19/19 16:26		AK/AP
K2487-05DL2X10	0.0000	19.1590	0.0000	0.0000	0.5400	0.0000	22.6990	2019-04-19	4/19/19 16:56		AK/AP
K2487-01DLX10	0.0000	3.3520	0.0000	0.0000	0.0000	0.0000	4.7470	2019-04-19	4/19/19 17:26		AK/AP
CCV	2.0520	3.0300	0.0000	0.0000	0.0000	0.0000	1.0790	2019-04-19	4/19/19 17:56		AK/AP
CCB	0.0000	2.9710	2.9560	8.6250	2.4140	5.1800	14.2380	2019-04-19	4/19/19 18:26		AK/AP
		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-04-19	4/19/19 18:56		AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 04-15-19.mtw
 Equation: $Q = 0.823481 \cdot A + 1.8073$
 RSD: 3.756 %
 Correlation coefficient: 0.999404

IC1 cal

04-15-19 *AB*

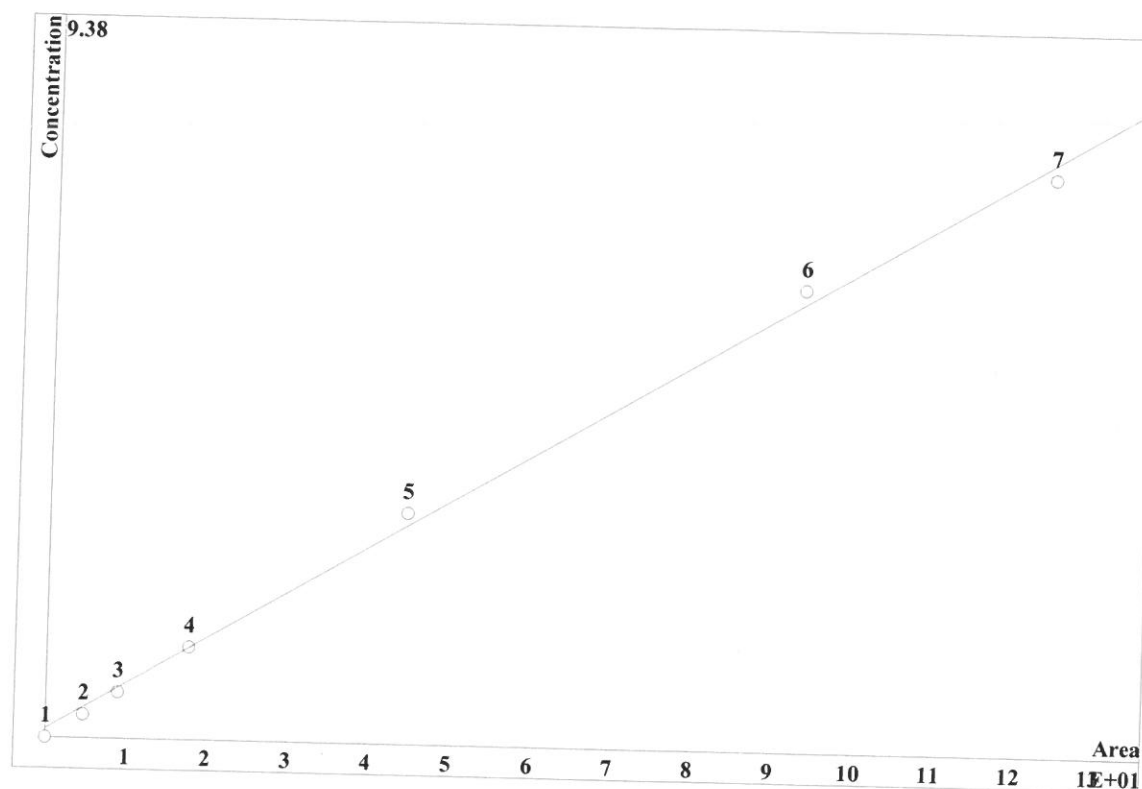


K3 = 0 K2 = 0 K1 = 0.823481 K0 = 1.8073
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1014	3.366	0.2	20	5.857		Yes
3	0.2037	7.405	0.4	20	5.857		Yes
4	0.4518	17.63	0.8	20	5.857		Yes
5	1.181	46.04	2	20	5.857		Yes
6	2.411	92.06	4	20	5.857		Yes
7	3.155	121.5	5	20	5.857		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 04-15-19.mtw
 Equation: $Q = 1.22133 \cdot A + 2.30714$
 RSD: 5.439 %
 Correlation coefficient: 0.998749

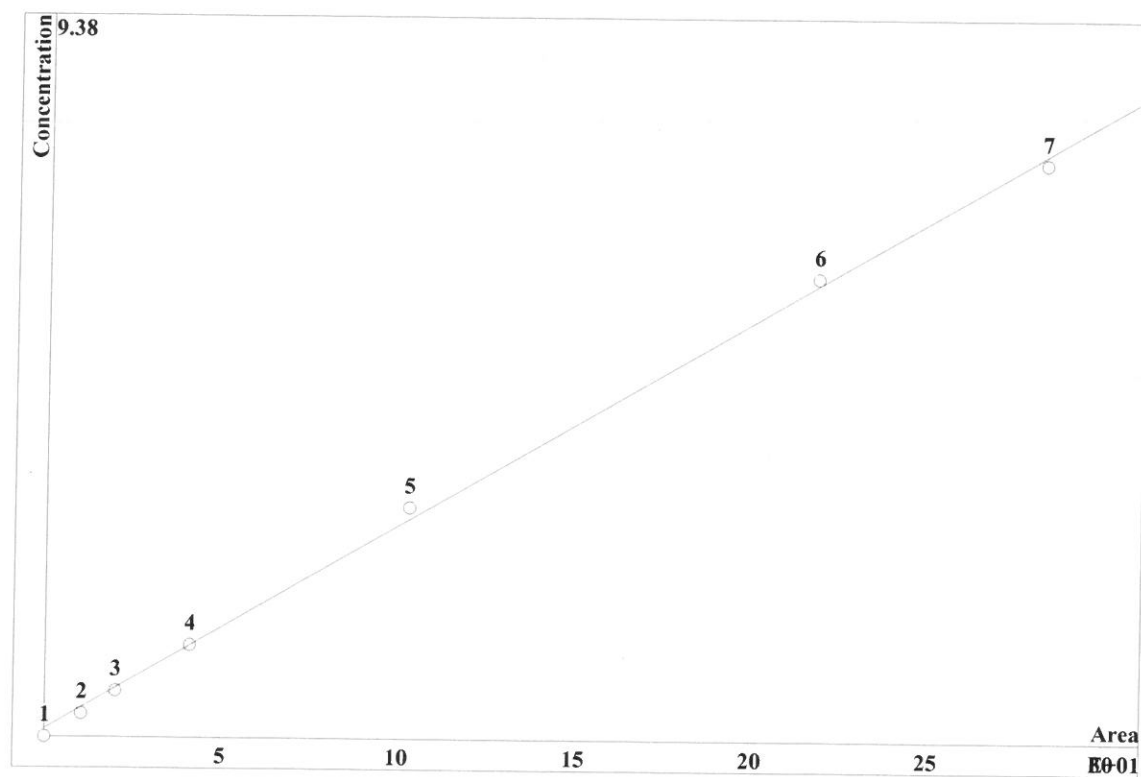


K3 = 0 K2 = 0 K1 = 1.22133 K0 = 2.30714
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0	0		No
2	0.2516	4.691	0.3	20	8.619	Yes	
3	0.4828	8.959	0.6	20	8.619	Yes	
4	0.9698	17.7	1.2	20	8.619	Yes	
5	2.461	44.53	3	20	8.619	Yes	
6	5.234	93.3	6	20	8.619	Yes	
7	6.829	124.1	7.5	20	8.619	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 04-15-19.mtw
 Equation: $Q = 0.532257 \cdot A + 2.14384$
 RSD: 3.769 %
 Correlation coefficient: 0.999399



K3 = 0 K2 = 0 K1 = 0.532257 K0 = 2.14384

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

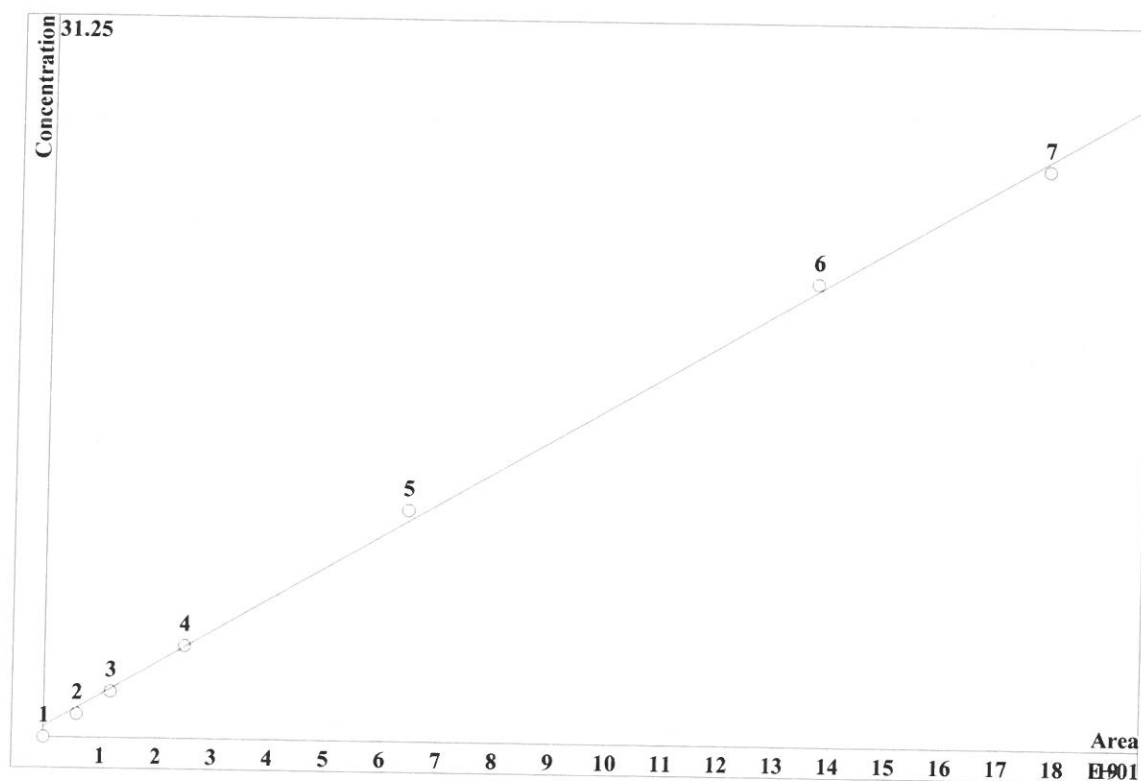
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.4741	10.4	0.3	20	10.26			Yes
3	0.943	20.06	0.6	20	10.26			Yes
4	1.952	41.01	1.2	20	10.26			Yes
5	5.007	102.9	3	20	10.26			Yes
6	10.66	218.1	6	20	10.26			Yes
7	13.83	282.3	7.5	20	10.26			Yes

±0.25

CALIBRATION OF COMPONENT BR-

Method: ANIONS 04-15-19.mtw
 Equation: $Q = 2.80614 \cdot A + 9.55252$
 RSD: 3.762 %
 Correlation coefficient: 0.999402



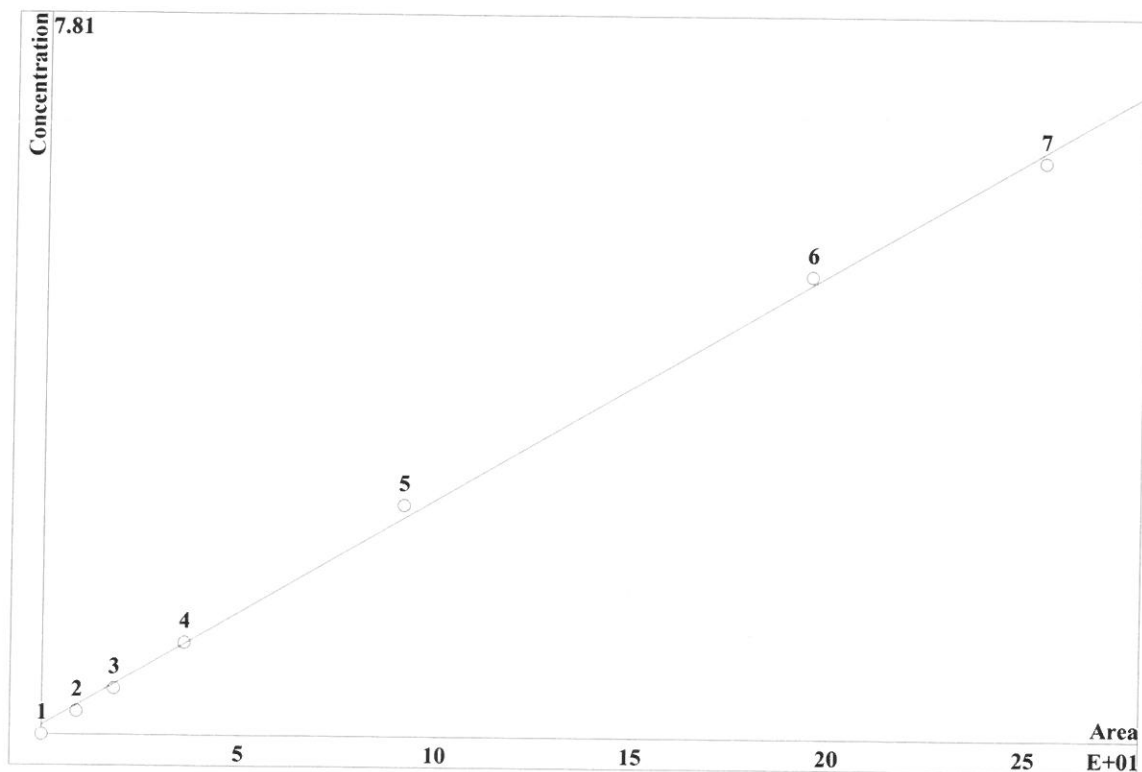
K3 = 0 K2 = 0 K1 = 2.80614 K0 = 9.55252

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.2654	5.828		1	20	13.02		Yes
3	0.5231	11.78		2	20	13.02		Yes
4	1.079	24.87		4	20	13.02		Yes
5	2.688	64.45		10	20	13.02		Yes
6	5.323	136.8		20	20	13.02		Yes
7	6.624	177.7		25	20	13.02		Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 04-15-19.mtw
 Equation: $Q = 0.493046 \cdot A + 2.0632$
 RSD: 4.214 %
 Correlation coefficient: 0.999249



K3 = 0 K2 = 0 K1 = 0.493046 K0 = 2.0632

Base: Area

Ref.channel: Cond

ISTD:

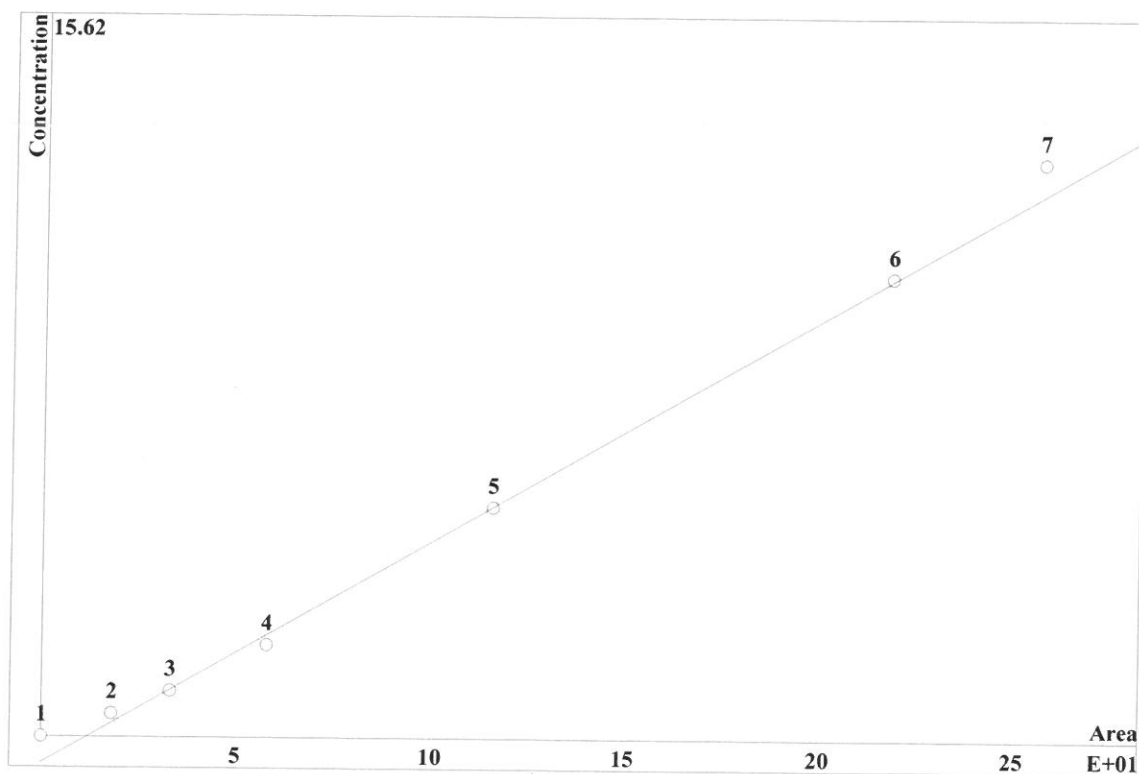
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.3355	8.828	0.25	20	14.78	Yes	
3	0.6784	18.23	0.5	20	14.78	Yes	
4	1.402	35.95	1	20	14.78	Yes	
5	3.637	91.67	2.5	20	14.78	Yes	
6	7.853	195	5	20	14.78	Yes	
7	10.31	253.9	6.25	20	14.78	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 04-15-19.mtw
 Equation: $Q = 0.964004 \cdot A - 11.4186$
 RSD: 4.720 %
 Correlation coefficient: 0.999260



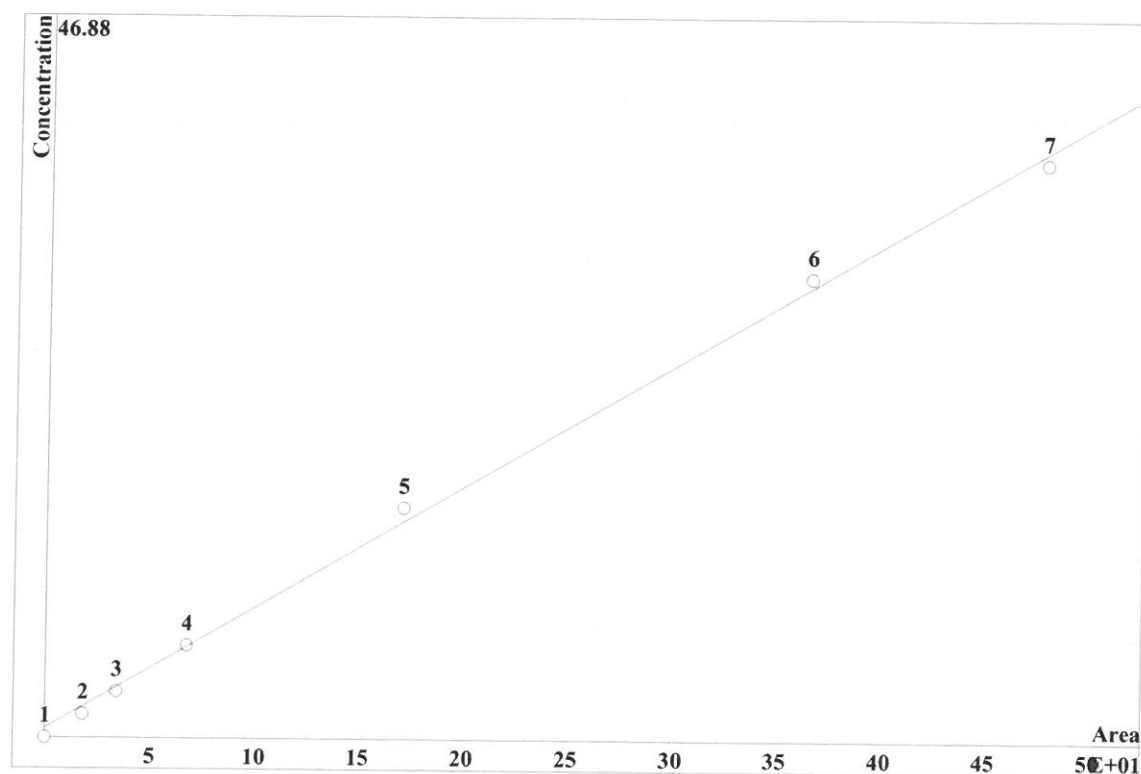
K3 = 0 K2 = 0 K1 = 0.964004 K0 = -11.4186

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	0.3738	18.03	0.5	20	20.93			Yes
3	0.691	33.07	1	20	20.93			Yes
4	1.273	57.87	2	20	20.93			Yes
5	2.687	115.8	5	20	20.93			Yes
6	5.043	218.3	10	20	20.93			Yes
7	6.433	257	12.5	20	20.93			No

CALIBRATION OF COMPONENT SO4

Method: ANIONS 04-15-19.mtw
 Equation: $Q = 1.57585 \cdot A + 12.2881$
 RSD: 4.607 %
 Correlation coefficient: 0.999103



K3 = 0 K2 = 0 K1 = 1.57585 K0 = 12.2881

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	0.4773	17.86	1.5	20	24.2		Yes
3	0.9123	33.88	3	20	24.2		Yes
4	1.854	67.48	6	20	24.2		Yes
5	4.781	171.3	15	20	24.2		Yes
6	10.37	365.5	30	20	24.2		Yes
7	13.6	477.5	37.5	20	24.2		Yes

Report date: 4/15/2019 2:38:21 PM
Printed by: wet

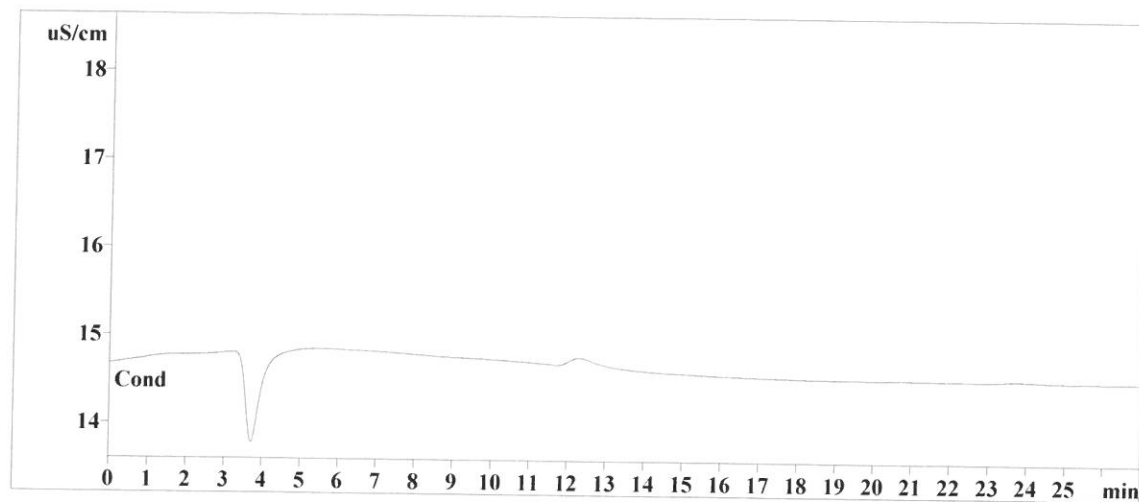
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File: _2019-04-15_

Last save: 4/15/2019 1:12:50 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66422

Last save: 4/15/2019 11:33:56 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: 4/15/2019 2:38:31 PM
Printed by: wet

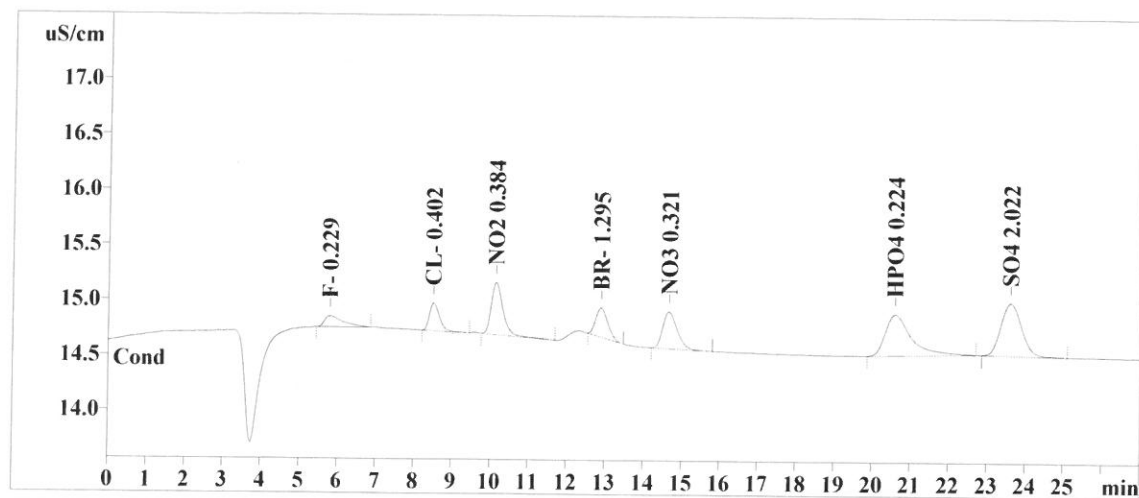
Ident: STD2
Analysis from: 4/15/2019 10:07:16 AM
File: _2019-04-15_

Last save: 4/15/2019 1:12:50 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66423

Last save: 4/15/2019 11:33:56 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	5.79	0.496	0.10	4.38	3.366	4.88	0.
2	8.50	0.283	0.25	11.01	4.691	6.80	0.
3	10.14	0.321	0.47	20.78	10.405	15.08	0.
4	12.89	0.346	0.26	11.60	5.828	8.44	0.
5	14.65	0.403	0.33	14.68	8.828	12.79	0.
6	20.59	0.665	0.37	16.37	18.035	26.13	0.
7	23.60	0.580	0.48	20.92	17.862	25.88	0.
7	27.00	0.442	2.27	99.75	69.013	100.00	0.

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Report date: 4/15/2019 2:38:40 PM
Printed by: wet

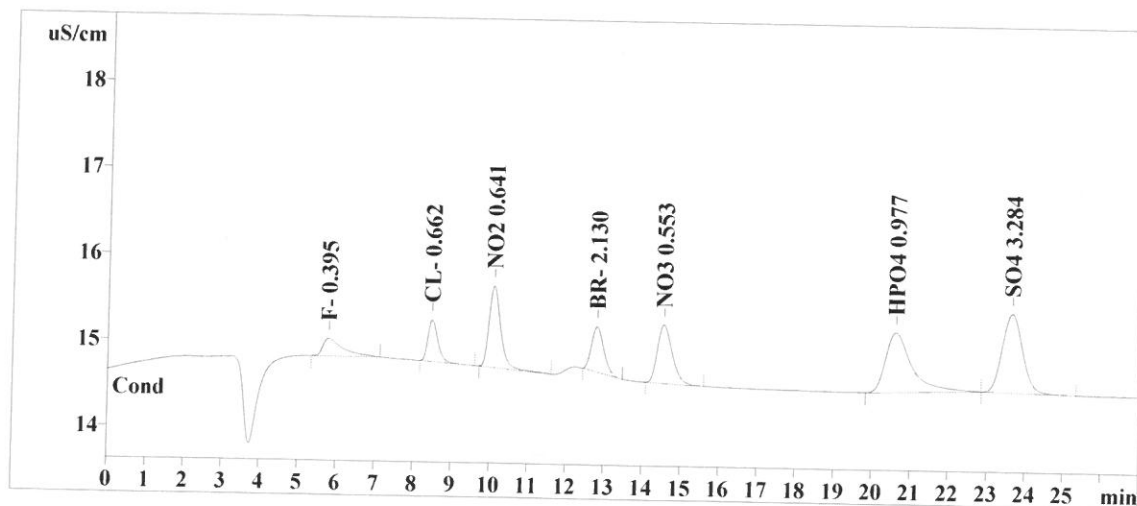
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Analysis from: 4/15/2019 10:37:11 AM
File: _2019-04-15_

Last save: 4/15/2019 1:12:52 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66424

Last save: 4/15/2019 11:33:56 AM

SAMPLE:
:
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	5.78	0.510	0.20	4.58	7.405	5.55	0.
2	8.46	0.281	0.48	10.87	8.959	6.72	0.
3	10.07	0.316	0.94	21.26	20.063	15.04	0.
4	12.79	0.352	0.52	11.79	11.780	8.83	0.
5	14.53	0.412	0.68	15.29	18.233	13.67	0.
6	20.59	0.657	0.69	15.57	33.071	24.79	0.
7	23.62	0.576	0.91	20.57	33.879	25.40	0.
7	27.00	0.443	4.43	99.92	133.390	100.00	0.

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Report date: 4/15/2019 2:39:12 PM
Printed by: wet

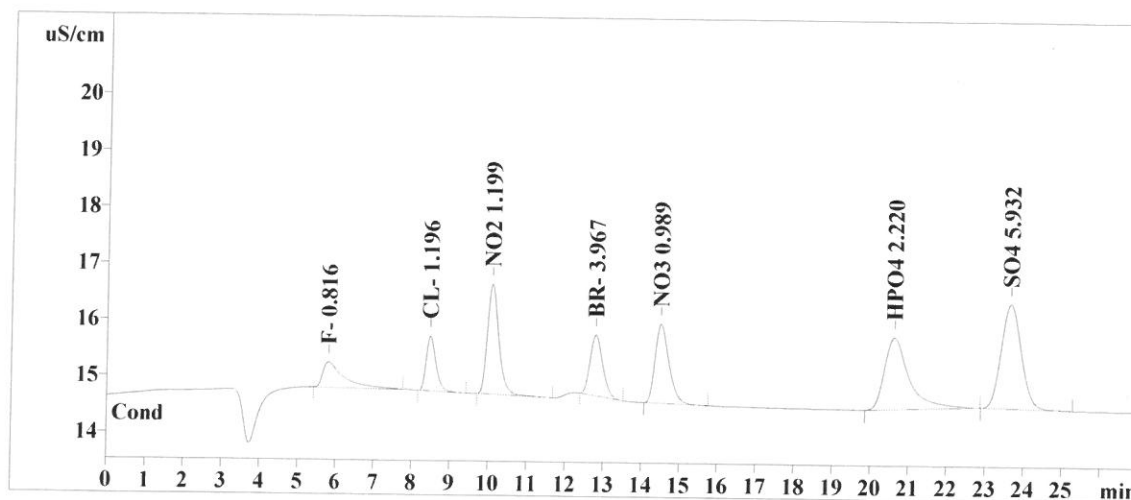
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File: _2019-04-15_

Last save: 4/15/2019 1:12:52 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66425

Last save: 4/15/2019 11:33:56 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	5.79	0.510	0.45	5.03	17.630	6.72	0.
2	8.47	0.278	0.97	10.80	17.695	6.74	0.
3	10.08	0.315	1.95	21.73	41.014	15.62	0.
4	12.78	0.358	1.08	12.01	24.873	9.47	0.
5	14.50	0.390	1.40	15.61	35.953	13.70	0.
6	20.61	0.630	1.27	14.17	57.867	22.04	0.
7	23.65	0.567	1.85	20.64	67.483	25.71	0.
7	27.00	0.435	8.98	99.97	262.514	100.00	0.

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Report date: 4/15/2019 2:39:27 PM
 Printed by: wet

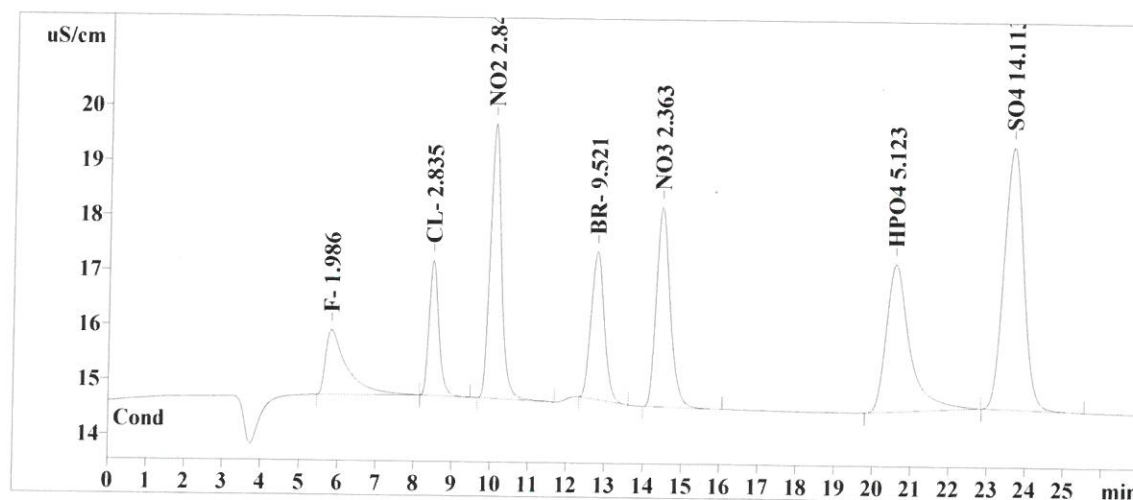
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 File: _2019-04-15_

Last save: 4/15/2019 1:12:52 PM

Method: ANIONS 04-15-19.mtw
 Run operator: wet
 Analysis number: 66426

Last save: 4/15/2019 11:33:56 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	5.81	0.515	1.18	5.26	46.038	7.23	0.
2	8.47	0.274	2.46	10.97	44.533	6.99	0.
3	10.06	0.309	5.01	22.31	102.917	16.16	0.
4	12.77	0.372	2.69	11.98	64.451	10.12	0.
5	14.45	0.382	3.64	16.21	91.672	14.40	0.
6	20.57	0.599	2.69	11.97	115.799	18.19	0.
7	23.63	0.555	4.78	21.30	171.323	26.91	0.
7	27.00	0.429	22.44	100.00	636.733	100.00	0.

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Report date: 4/15/2019 2:39:35 PM
Printed by: wet

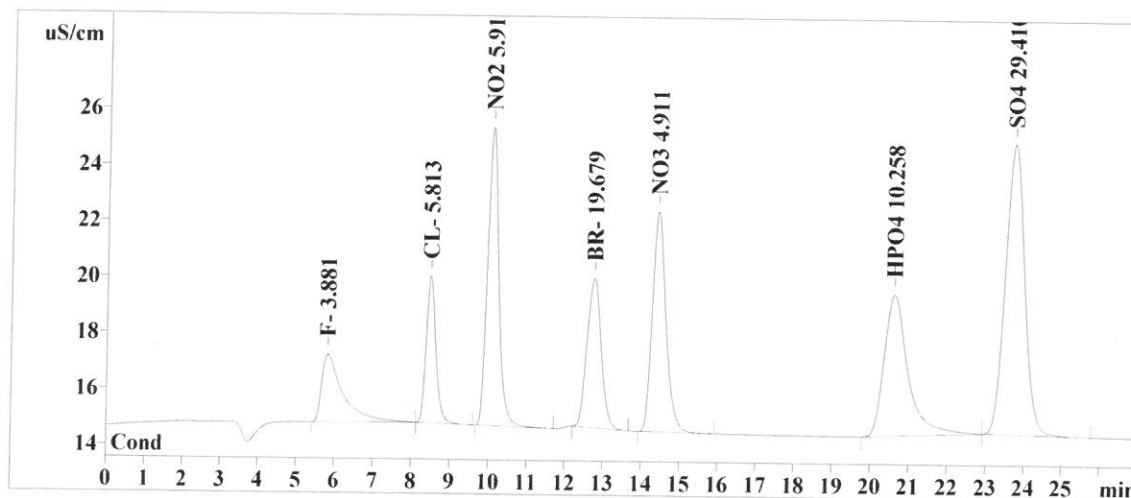
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Last save: 4/15/2019 1:12:52 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66427

Last save: 4/15/2019 11:33:56 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	5.81	0.508	2.41	5.14	92.061	6.98	0.
2	8.46	0.269	5.23	11.16	93.296	7.07	0.
3	10.05	0.307	10.66	22.73	218.075	16.53	0.
4	12.74	0.402	5.32	11.35	136.850	10.38	0.
5	14.40	0.375	7.85	16.75	195.019	14.79	0.
6	20.60	0.613	5.04	10.75	218.269	16.55	0.
7	23.70	0.544	10.37	22.11	365.459	27.71	0.
7	27.00	0.431	46.89	99.99	1319.028	100.00	0.

This report has been created by IC Net
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Report date: 4/15/2019 2:39:47 PM
Printed by: wet

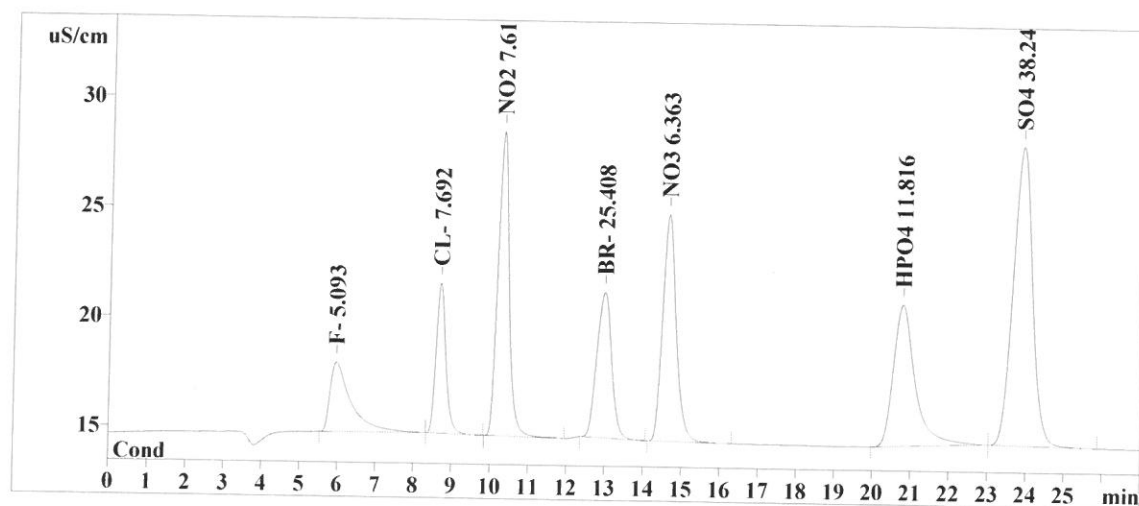
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Last save: 4/15/2019 1:14:50 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66428

Last save: 4/15/2019 1:12:58 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	5.95	0.518	3.15	5.19	121.493	7.17	0.
2	8.67	0.275	6.83	11.24	124.079	7.32	0.
3	10.25	0.307	13.83	22.76	282.270	16.66	0.
4	12.96	0.422	6.62	10.90	177.682	10.49	0.
5	14.60	0.371	10.31	16.96	253.931	14.99	0.
6	20.75	0.562	6.43	10.58	256.979	15.17	0.
7	23.84	0.542	13.60	22.37	477.527	28.19	0.
7	27.00	0.428	60.77	100.00	1693.961	100.00	0.

This report has been created by IC Net
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Report date: 4/15/2019 2:40:02 PM
Printed by: wet

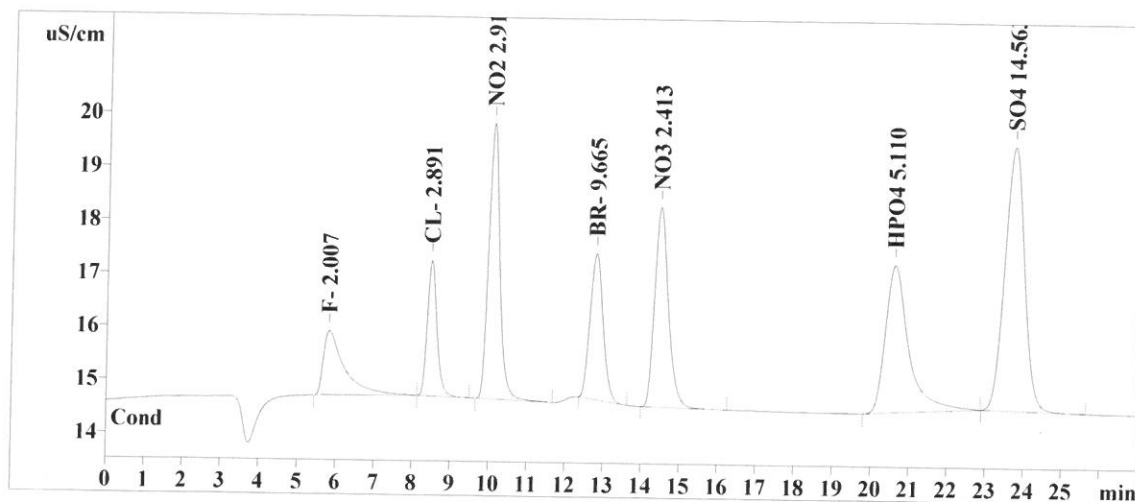
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File: _2019-04-15_

Last save: 4/15/2019 1:44:54 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66429

Last save: 4/15/2019 1:14:52 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	5.80	0.511	1.21	5.22	46.557	7.15	0.
2	8.46	0.271	2.54	10.98	45.449	6.98	0.
3	10.06	0.306	5.17	22.37	105.399	16.18	0.
4	12.78	0.373	2.73	11.84	65.480	10.05	0.
5	14.46	0.379	3.75	16.22	93.712	14.38	0.
6	20.59	0.592	2.76	11.96	117.858	18.09	0.
7	23.70	0.554	4.94	21.41	177.034	27.17	0.
7	27.00	0.427	23.09	99.99	651.490	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/15/2019 2:40:10 PM
Printed by: wet

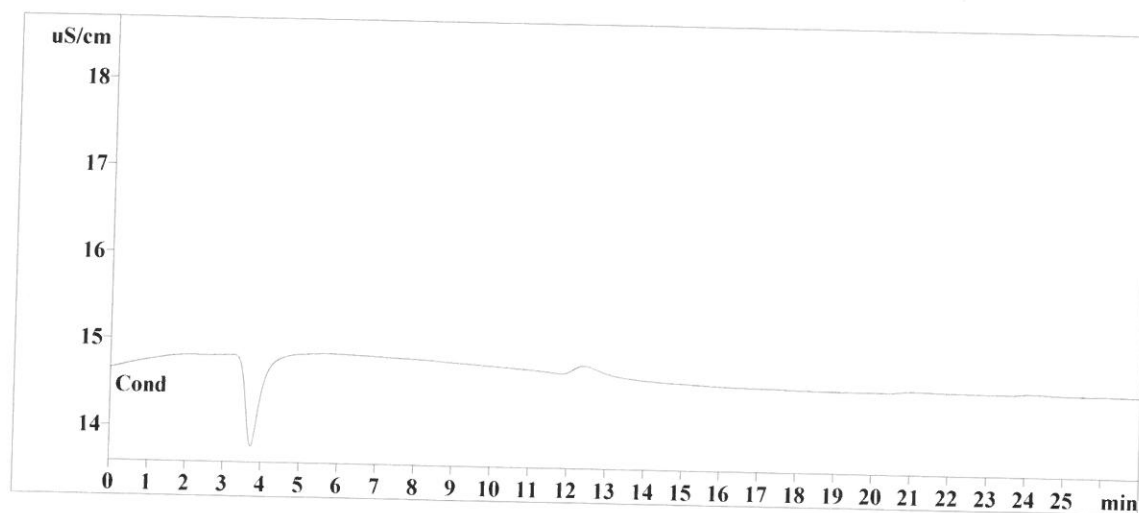
Ident: ICB
Analysis from: 4/15/2019 1:48:16 PM
File: _2019-04-15_

Last save: 4/15/2019 2:15:06 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66430

Last save: 4/15/2019 1:14:52 PM

SAMPLE:
:
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: 4/19/2019 2:17:12 PM
Printed by: wet

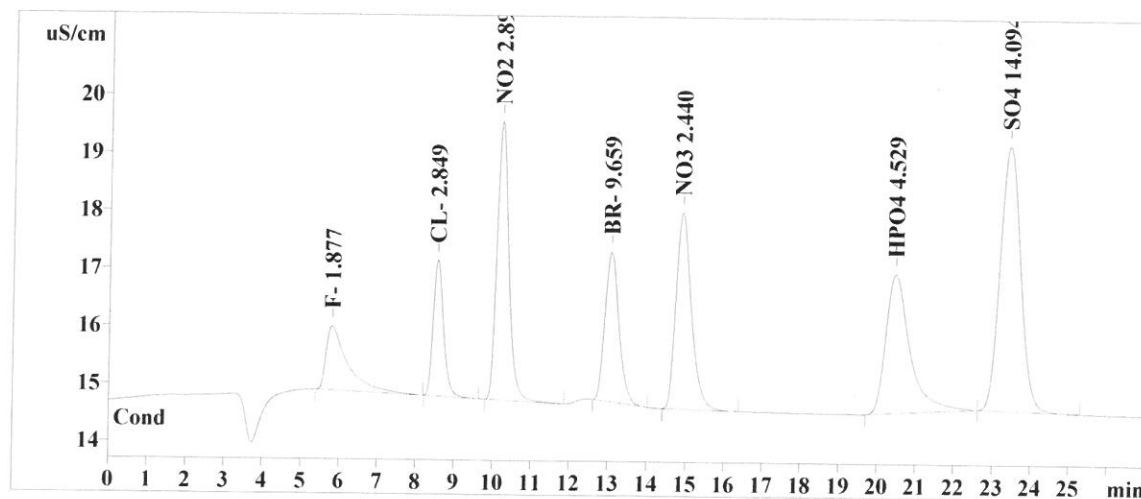
Ident: CCV
Analysis from: 4/19/2019 8:21:49 AM
File: _2019-04-19_

Last save: 4/19/2019 8:48:38 AM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66536

Last save: 4/15/2019 1:14:52 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	5.80	0.524	1.11	5.21	43.384	6.89	0.
2	8.54	0.290	2.35	11.05	44.766	7.10	0.
3	10.20	0.330	4.81	22.66	104.852	16.64	0.
4	13.06	0.388	2.59	12.21	65.435	10.38	0.
5	14.88	0.422	3.40	15.99	94.772	15.04	0.
6	20.45	0.622	2.40	11.30	105.809	16.79	0.
7	23.41	0.580	4.58	21.57	171.075	27.15	0.
7	27.00	0.451	21.24	99.99	630.093	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2019 2:17:29 PM
Printed by: wet

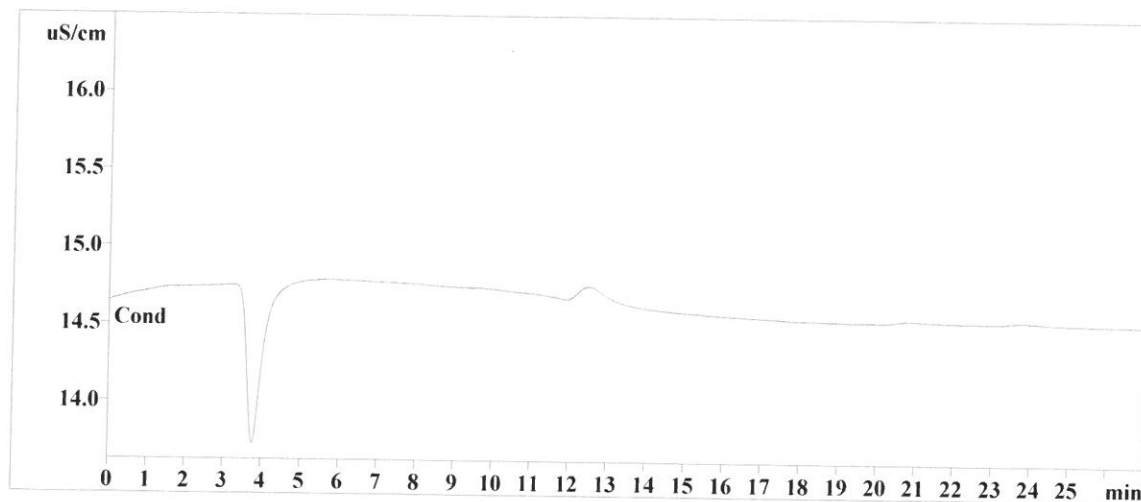
Ident: CCB
Analysis from: 4/19/2019 8:57:52 AM
File: _2019-04-19_

Last save: 4/19/2019 2:17:28 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66537

Last save: 4/15/2019 1:14:52 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: 4/19/2019 2:17:43 PM
Printed by: wet

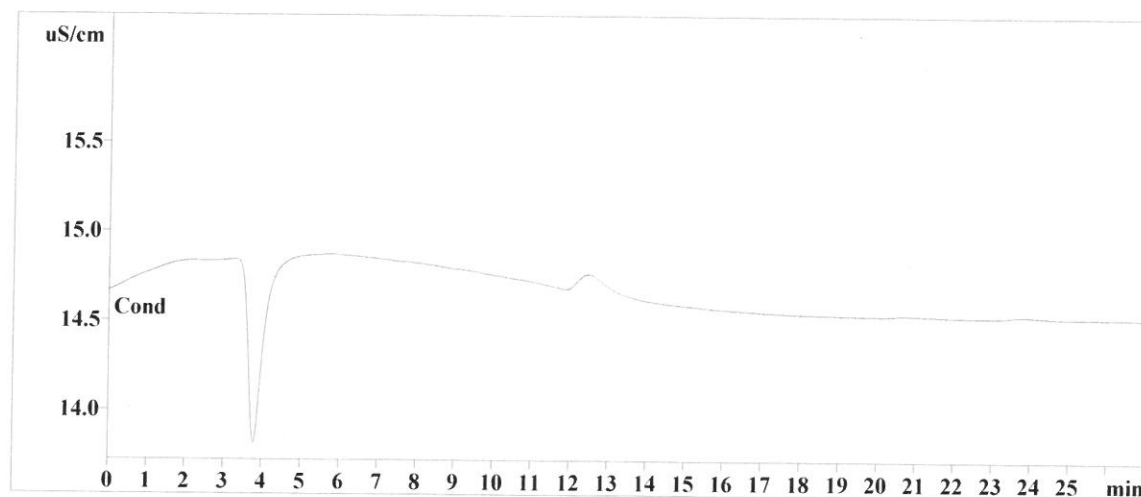
Ident: LB102222BLW
Analysis from: 4/19/2019 9:27:47 AM
File: _2019-04-19_

Last save: 4/19/2019 2:17:42 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66538

Last save: 4/15/2019 1:14:52 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: 4/19/2019 2:17:53 PM
Printed by: wet

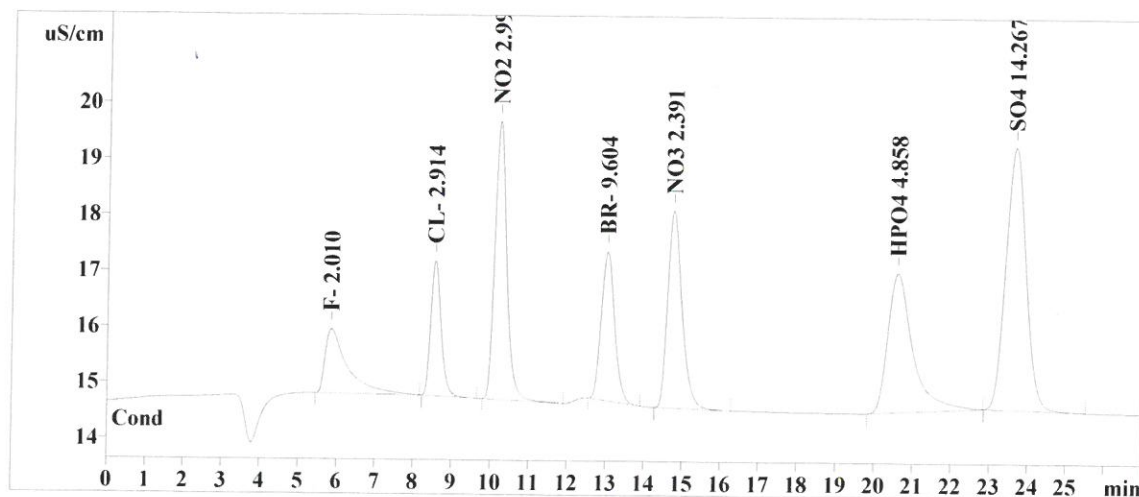
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Analysis from: 4/19/2019 9:57:42 AM
File: _2019-04-19_

Last save: 4/19/2019 11:30:38 AM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66539

Last save: 4/15/2019 1:14:52 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	5.85	0.529	1.15	5.26	46.623	7.23	0.
2	8.54	0.289	2.41	11.02	45.830	7.11	0.
3	10.20	0.329	4.97	22.69	108.353	16.81	0.
4	13.02	0.377	2.66	12.16	65.047	10.09	0.
5	14.75	0.399	3.52	16.09	92.806	14.40	0.
6	20.59	0.636	2.48	11.35	112.640	17.48	0.
7	23.64	0.574	4.69	21.43	173.274	26.88	0.
7	27.00	0.448	21.89	100.00	644.573	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2019 2:25:49 PM
Printed by: wet

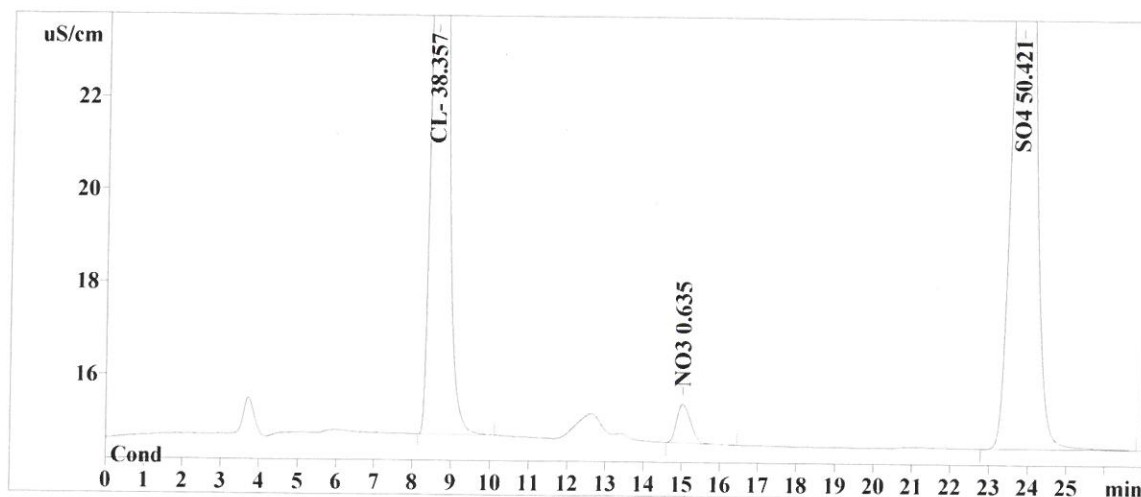
Ident: K2487-02
Analysis from: 4/19/2019 10:28:21 AM
File: _2019-04-19_

Last save: 4/19/2019 2:25:44 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66540

Last save: 4/15/2019 1:14:52 PM

SAMPLE:
: AK/AP
Vial number: 30
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	8.57	0.342	27.69	59.97	626.239	48.93	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	15.02	0.406	0.84	1.81	21.571	1.69	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.78	0.555	17.65	38.22	632.125	49.39	0.
7	27.00	0.186	46.18	100.00	1279.935	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2019 2:26:14 PM
Printed by: wet

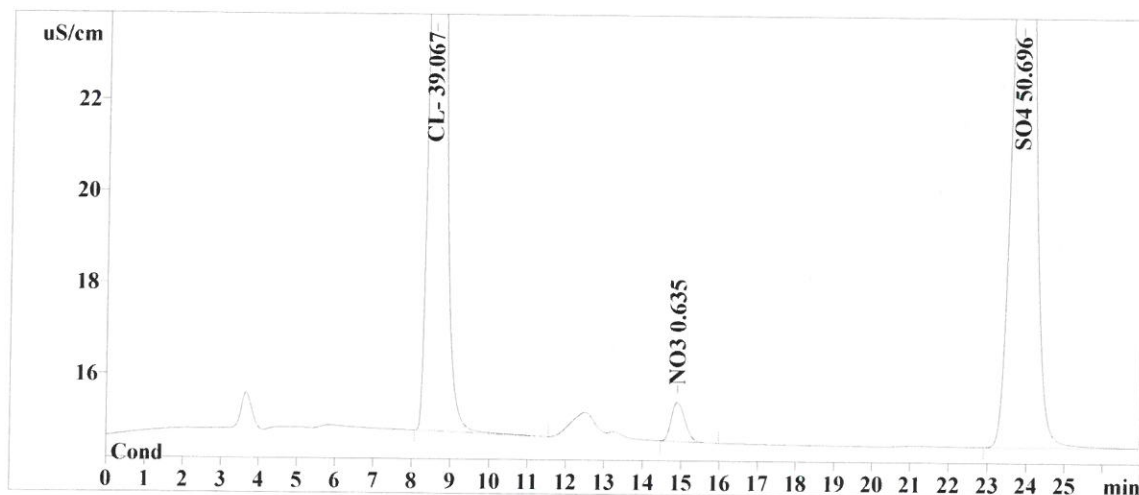
Ident: K2487-02DUP
Analysis from: 4/19/2019 10:58:16 AM
File: _2019-04-19_

Last save: 4/19/2019 2:26:10 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66541

Last save: 4/15/2019 1:14:52 PM

SAMPLE:
: AK/AP
Vial number: 31
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	8.52	0.344	27.96	59.96	637.850	49.25	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	14.89	0.398	0.86	1.84	21.557	1.66	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.81	0.554	17.81	38.20	635.618	49.08	0.
7	27.00	0.185	46.62	100.00	1295.025	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2019 2:26:45 PM
Printed by: wet

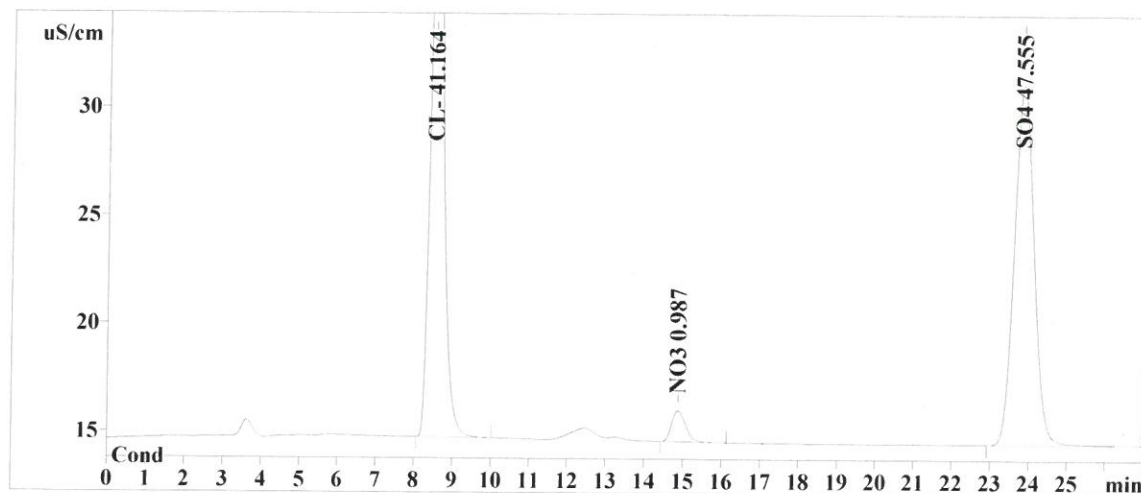
Ident: K2487-05
Analysis from: 4/19/2019 11:28:11 AM
File: _2019-04-19_

Last save: 4/19/2019 2:26:46 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66542

Last save: 4/15/2019 1:14:52 PM

SAMPLE:
: AK/AP
Vial number: 34
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	8.50	0.343	29.66	62.13	672.200	51.56	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	14.87	0.394	1.43	2.99	35.866	2.75	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.81	0.554	16.65	34.88	595.756	45.69	0.
7	27.00	0.185	47.74	100.00	1303.822	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2019 2:27:16 PM
Printed by: wet

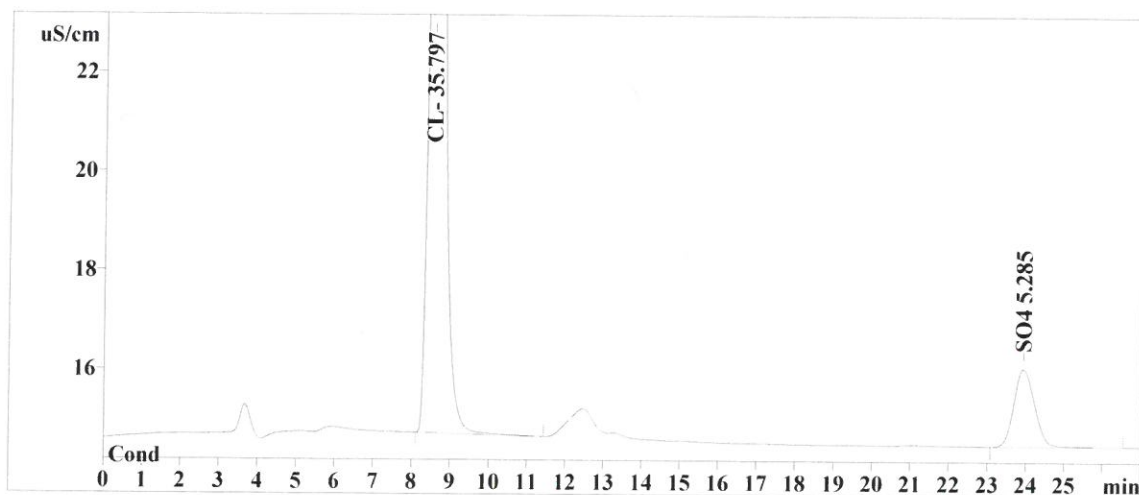
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Analysis from: 4/19/2019 11:58:05 AM
File: _2019-04-19_

Last save: 4/19/2019 2:27:12 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66543

Last save: 4/15/2019 1:14:52 PM

SAMPLE:
: AK/AP
Vial number: 35
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	8.53	0.338	25.90	94.26	584.304	90.79	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	23.93	0.583	1.57	5.73	59.274	9.21	0.
7	27.00	0.132	27.47	99.99	643.578	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2019 2:27:25 PM
Printed by: wet

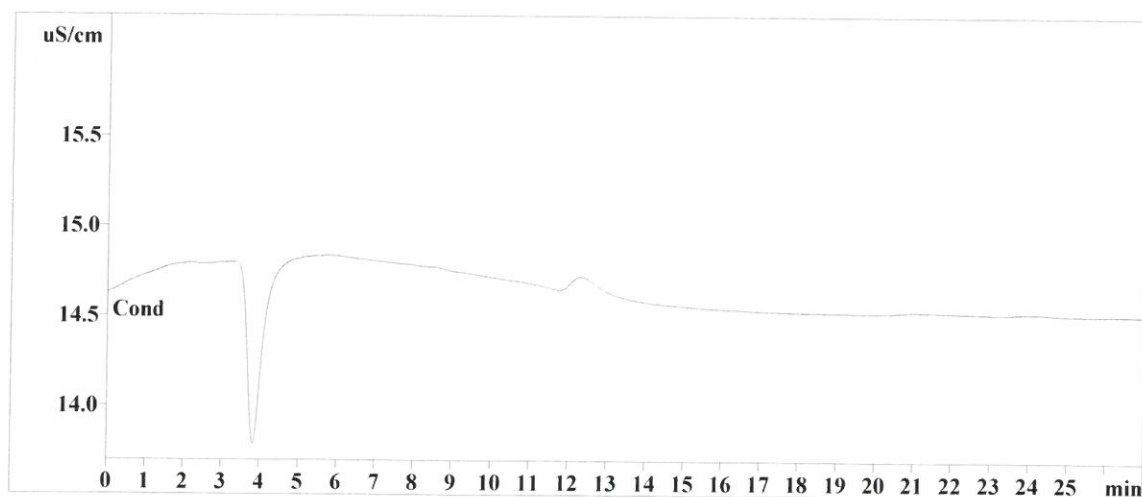
Ident: K2487-06
Analysis from: 4/19/2019 12:28:00 PM
File: _2019-04-19_

Last save: 4/19/2019 12:54:50 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66544

Last save: 4/15/2019 1:14:52 PM

SAMPLE:
: AK/AP
Vial number: 36
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: 4/19/2019 2:27:49 PM
Printed by: wet

Ident: K2494-01
Analysis from: 4/19/2019 12:57:55 PM
File: _2019-04-19_

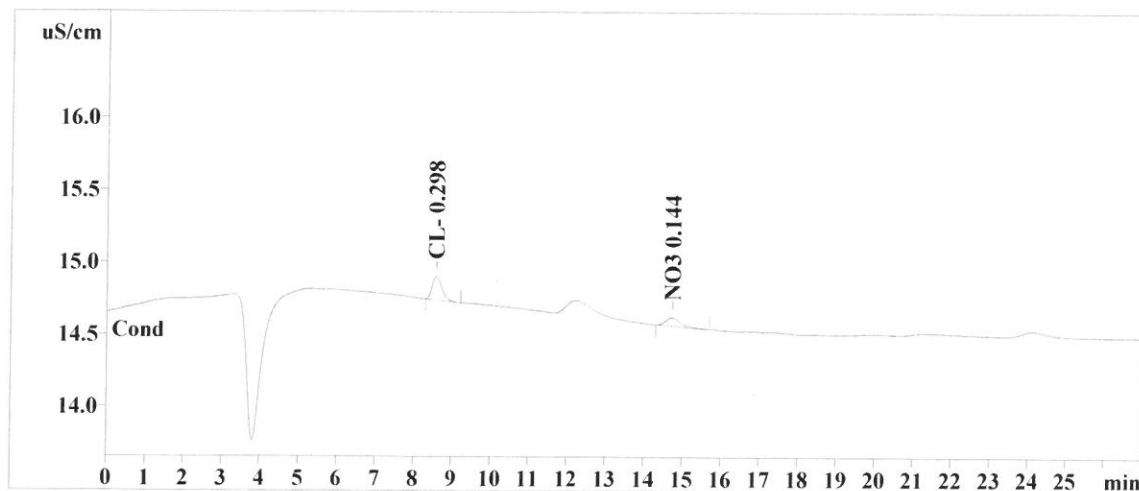
Last save: 4/19/2019 1:24:44 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66545

Last save: 4/15/2019 1:14:52 PM

SAMPLE:

: AK/AP
Vial number: 37
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	8.58	0.285	0.16	72.86	2.996	64.51	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	14.74	0.423	0.06	26.19	1.648	35.49	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	27.00	0.101	0.22	99.05	4.644	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2019 2:28:16 PM
Printed by: wet

Ident: K2494-01
Analysis from: 4/19/2019 12:57:55 PM
File: _2019-04-19_

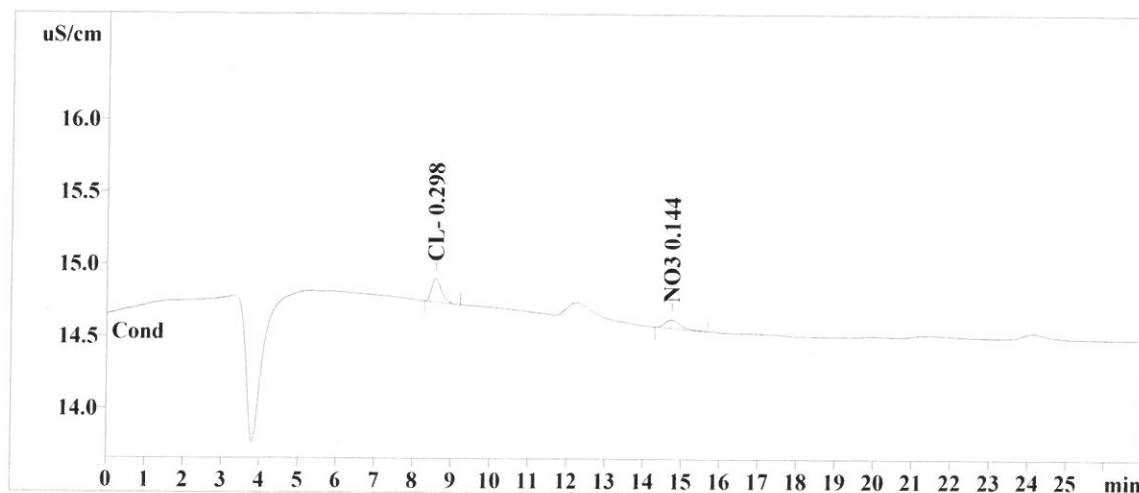
Last save: 4/19/2019 1:24:44 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66545

Last save: 4/15/2019 1:14:52 PM

SAMPLE:

: AK/AP
Vial number: 37
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	8.58	0.285	0.16	72.86	2.996	64.51	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	14.74	0.423	0.06	26.19	1.648	35.49	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	27.00	0.101	0.22	99.05	4.644	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2019 2:28:34 PM
Printed by: wet

Ident: K2487-03MS
Analysis from: 4/19/2019 1:27:50 PM
File: _2019-04-19_

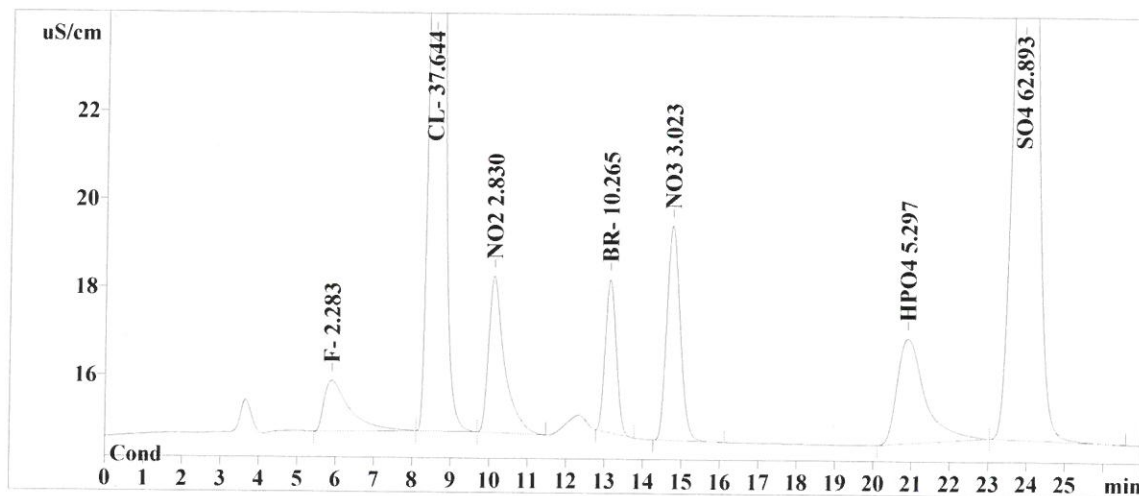
Last save: 4/19/2019 1:54:40 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66546

Last save: 4/15/2019 1:14:52 PM

SAMPLE:

: AK/AP
Vial number: 32
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	5.89	0.640	1.15	1.73	53.251	2.85	0.
2	8.52	0.320	29.09	43.51	614.550	32.86	0.
3	10.10	0.400	3.56	5.32	102.302	5.47	0.
4	13.12	0.319	3.48	5.20	69.760	3.73	0.
5	14.73	0.379	4.87	7.29	118.434	6.33	0.
6	20.88	0.711	2.38	3.56	121.739	6.51	0.
7	23.85	0.550	22.32	33.39	790.413	42.26	0.
7	27.00	0.474	66.85	100.00	1870.449	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/22/2019 9:13:25 AM
 Printed by: wet

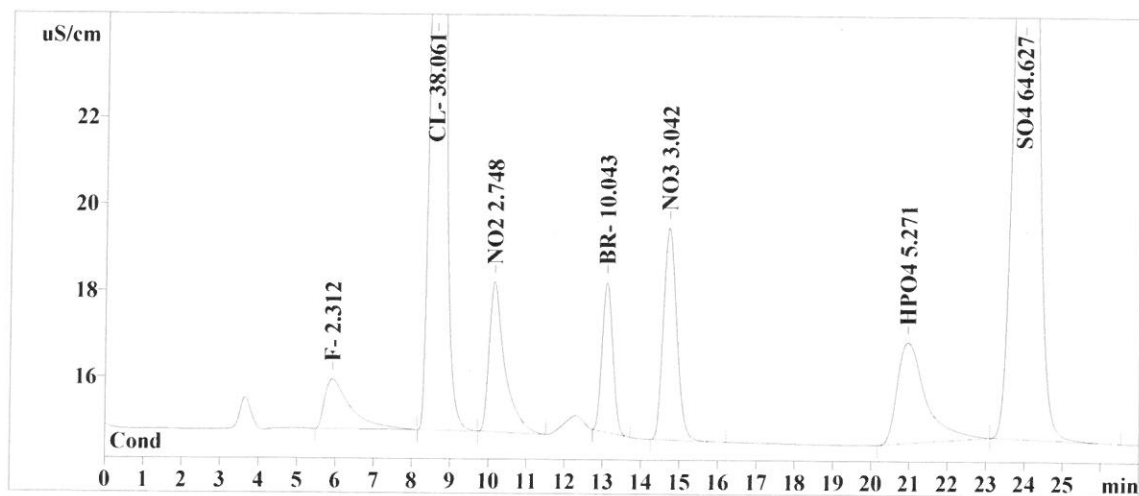
Ident: K2487-04MSD
 Analysis from: 4/19/2019 2:22:26 PM
 File: _2019-04-19_

Last save: 4/19/2019 2:49:16 PM

Method: ANIONS 04-15-19.mtw
 Run operator: wet
 Analysis number: 66548

Last save: 4/15/2019 1:14:52 PM

SAMPLE:
 : AK/AP
 Vial number: 33
 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	5.91	0.652	1.15	1.71	53.950	2.85	0.
2	8.56	0.319	29.50	43.83	621.388	32.78	0.
3	10.14	0.394	3.47	5.15	99.229	5.23	0.
4	13.09	0.312	3.46	5.14	68.174	3.60	0.
5	14.70	0.379	4.89	7.27	119.192	6.29	0.
6	20.95	0.719	2.33	3.46	121.202	6.39	0.
7	23.92	0.562	22.50	33.43	812.422	42.86	0.
7	27.00	0.477	67.30	100.00	1895.557	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 4/22/2019 9:13:34 AM
 Printed by: wet

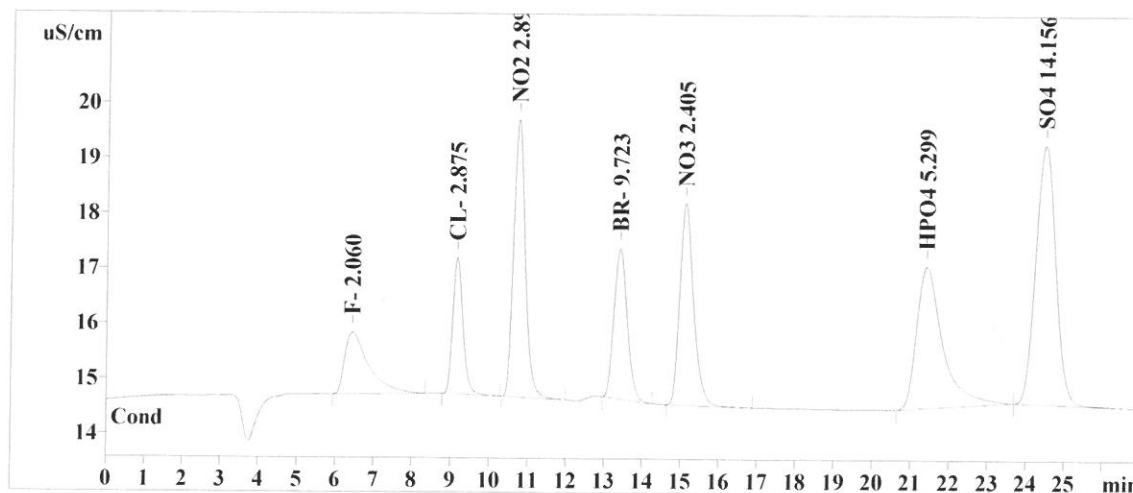
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 File: _2019-04-19_

Last save: 4/19/2019 3:23:56 PM

Method: ANIONS 04-15-19.mtw
 Run operator: wet
 Analysis number: 66549

Last save: 4/15/2019 1:14:52 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	6.43	0.608	1.12	5.03	47.834	7.35	0.
2	9.14	0.278	2.47	11.07	45.192	6.94	0.
3	10.72	0.316	5.03	22.58	104.782	16.10	0.
4	13.39	0.374	2.72	12.23	65.894	10.13	0.
5	15.11	0.387	3.66	16.43	93.361	14.35	0.
6	21.40	0.660	2.57	11.53	121.789	18.72	0.
7	24.47	0.568	4.70	21.11	171.869	26.41	0.
7	27.00	0.456	22.26	99.99	650.722	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 4/22/2019 9:13:50 AM
Printed by: wet

Ident: CCB
Analysis from: 4/19/2019 3:27:01 PM
File: _2019-04-19_

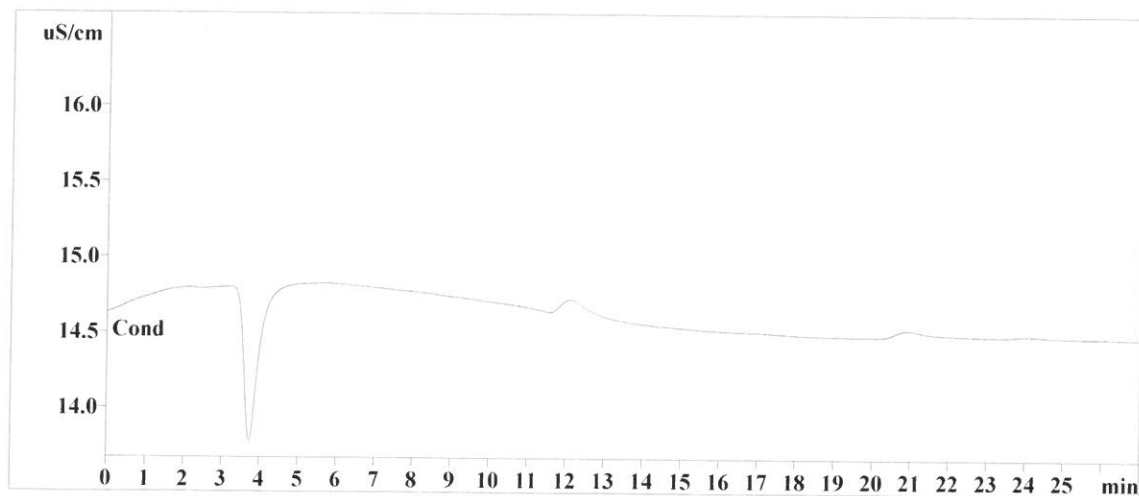
Last save: 4/22/2019 9:13:50 AM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66550

Last save: 4/15/2019 1:14:52 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: 4/22/2019 9:14:27 AM
Printed by: wet

Ident: K2487-02DLX2
Analysis from: 4/19/2019 3:56:56 PM
File: _2019-04-19_

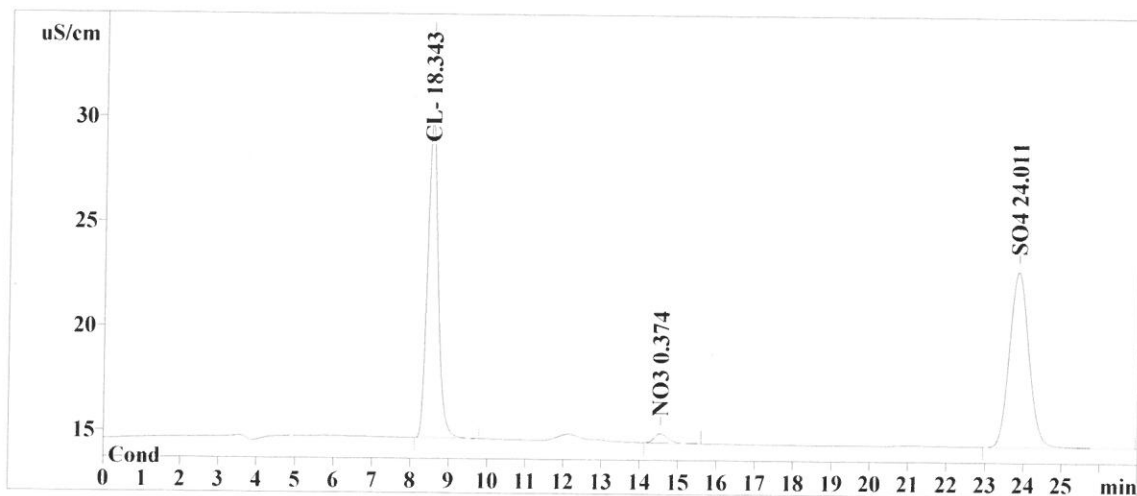
Last save: 4/19/2019 4:23:46 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66551

Last save: 4/15/2019 1:14:52 PM

SAMPLE:

: AK/AP
Vial number: 38
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	8.51	0.297	15.20	63.28	298.481	49.22	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	14.54	0.384	0.44	1.85	10.980	1.81	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.84	0.545	8.37	34.86	296.939	48.97	0.
7	27.00	0.175	24.01	99.99	606.400	100.00	0.

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Report date: 4/22/2019 9:15:53 AM
Printed by: wet

Ident: K2487-02DL2X10
Analysis from: 4/19/2019 4:26:51 PM
File: _2019-04-19_

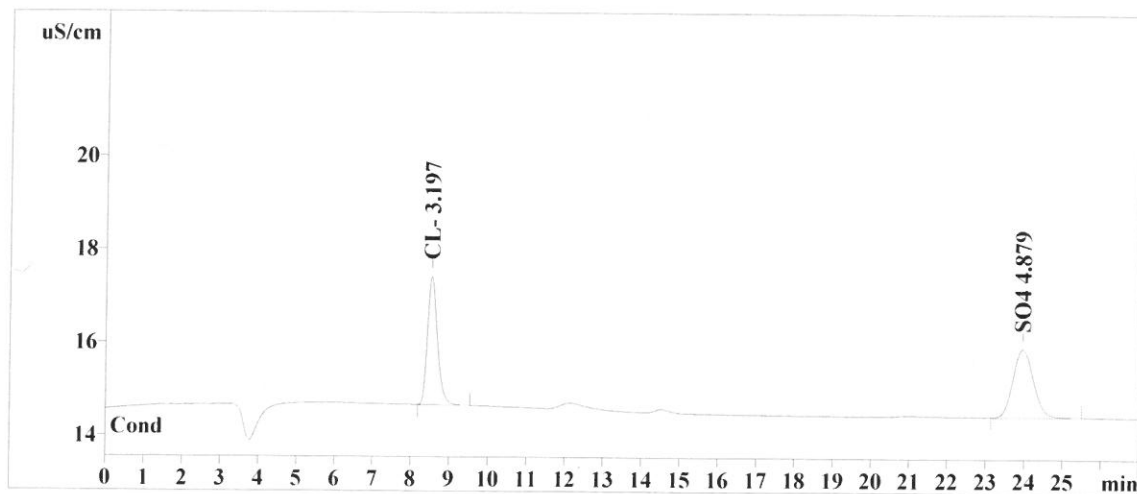
Last save: 4/22/2019 9:15:54 AM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66552

Last save: 4/15/2019 1:14:52 PM

SAMPLE:

: AK/AP
Vial number: 39
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	8.52	0.278	2.75	65.16	50.463	48.25	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	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	23.95	0.572	1.47	34.82	54.129	51.75	0.
7	27.00	0.121	4.22	99.98	104.592	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/22/2019 9:16:38 AM
Printed by: wet

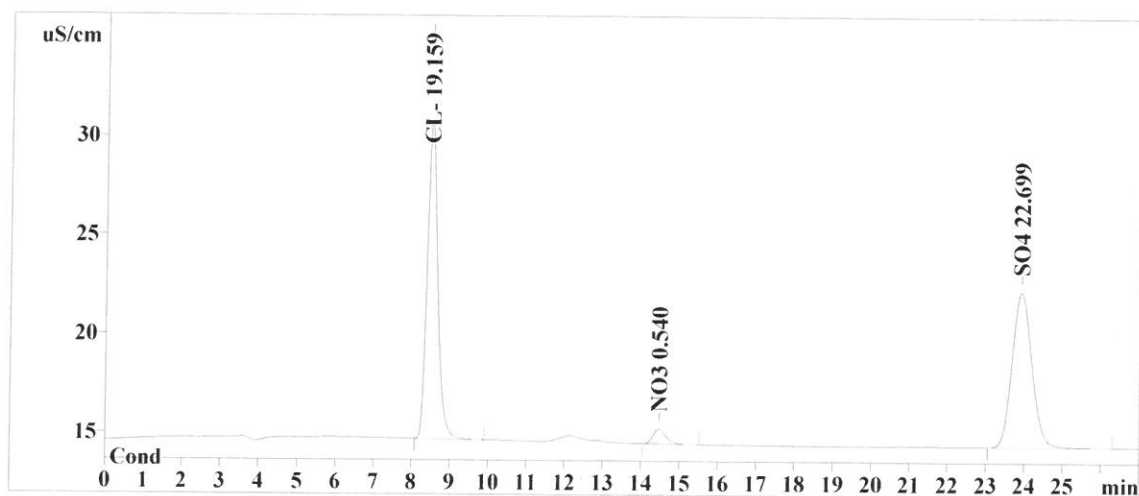
Ident: K2487-05DLX2
Analysis from: 4/19/2019 4:56:46 PM
File: _2019-04-19_

Last save: 4/22/2019 9:16:38 AM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66553

Last save: 4/15/2019 1:14:52 PM

SAMPLE:
: AK/AP
Vial number: 40
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	8.48	0.293	16.04	65.18	311.850	51.14	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	14.47	0.371	0.74	3.00	17.717	2.91	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	23.91	0.551	7.83	31.83	280.285	45.96	0.
7	27.00	0.174	24.61	100.00	609.852	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/22/2019 9:18:33 AM
Printed by: wet

Ident: K2487-05DL2X10
Analysis from: 4/19/2019 5:26:41 PM
File: _2019-04-19_

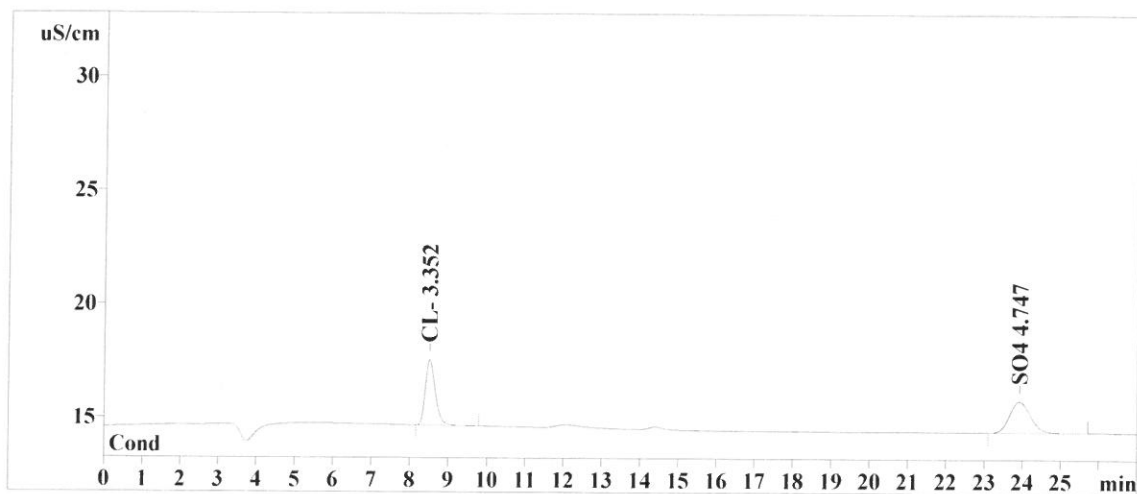
Last save: 4/22/2019 9:18:24 AM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66554

Last save: 4/15/2019 1:14:52 PM

SAMPLE:

: AK/AP
Vial number: 41
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	8.50	0.279	2.88	67.64	53.009	50.27	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	23.92	0.589	1.38	32.35	52.446	49.73	0.
7	27.00	0.124	4.26	99.99	105.454	100.00	0.

This report has been created by IC Net
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Report date: 4/22/2019 9:18:45 AM
Printed by: wet

Ident: K2487-01DLX10
Analysis from: 4/19/2019 5:56:36 PM
File: _2019-04-19_

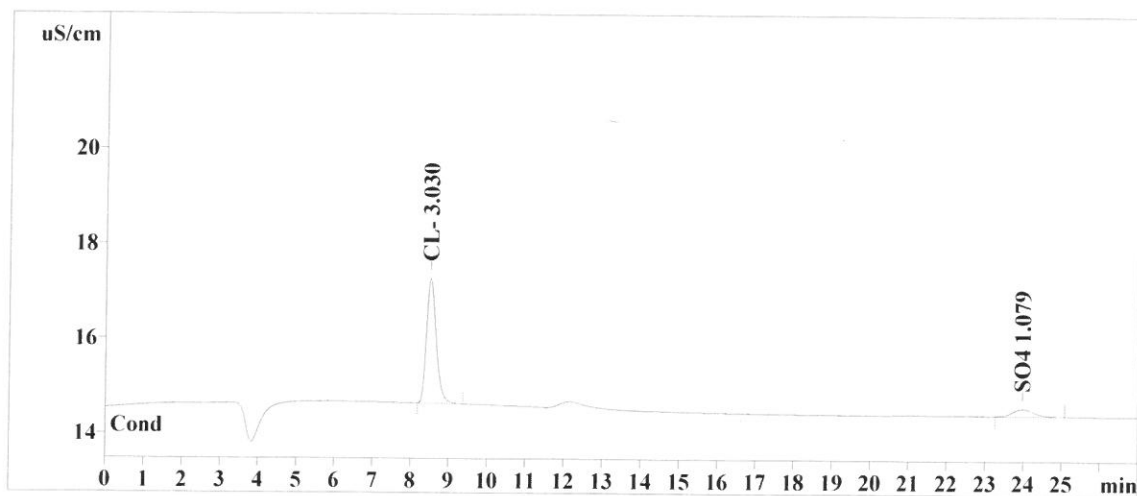
Last save: 4/19/2019 6:23:26 PM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66555

Last save: 4/15/2019 1:14:52 PM

SAMPLE:

: AK/AP
Vial number: 42
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	8.50	0.276	2.63	94.41	47.733	89.00	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	23.98	0.589	0.16	5.57	5.899	11.00	0.
7	27.00	0.124	2.78	99.98	53.633	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/22/2019 9:18:53 AM
 Printed by: wet

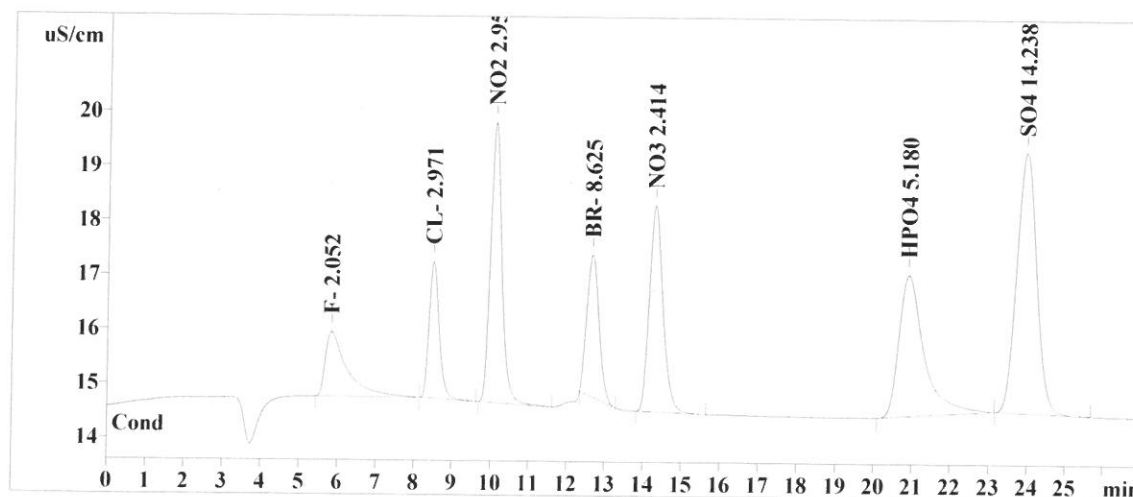
Ident: CCV
 Analysis from: 4/19/2019 6:26:31 PM
 File: _2019-04-19_

Last save: 4/19/2019 6:53:20 PM

Method: ANIONS 04-15-19.mtw
 Run operator: wet
 Analysis number: 66556

Last save: 4/15/2019 1:14:52 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	5.83	0.532	1.19	5.26	47.652	7.38	0.
2	8.48	0.283	2.51	11.08	46.758	7.24	0.
3	10.08	0.313	5.15	22.76	107.047	16.58	0.
4	12.66	0.353	2.61	11.51	58.071	9.00	0.
5	14.28	0.376	3.79	16.74	93.742	14.52	0.
6	20.89	0.638	2.60	11.48	119.321	18.49	0.
7	23.93	0.561	4.79	21.16	172.901	26.79	0.
7	27.00	0.437	22.63	99.99	645.492	100.00	0.

This report has been created by IC Net
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Report date: 4/22/2019 9:19:13 AM
Printed by: wet

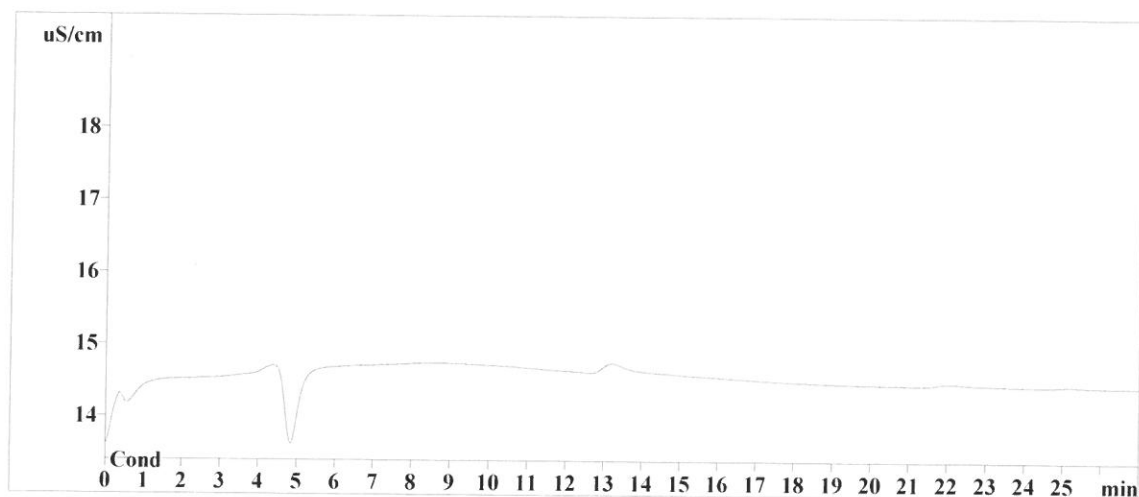
Ident: CCB
Analysis from: 4/19/2019 6:56:26 PM
File: _2019-04-19_

Last save: 4/22/2019 9:19:10 AM

Method: ANIONS 04-15-19.mtw
Run operator: wet
Analysis number: 66557

Last save: 4/15/2019 1:14:52 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