

IC-1 3000
5-80-18 MK

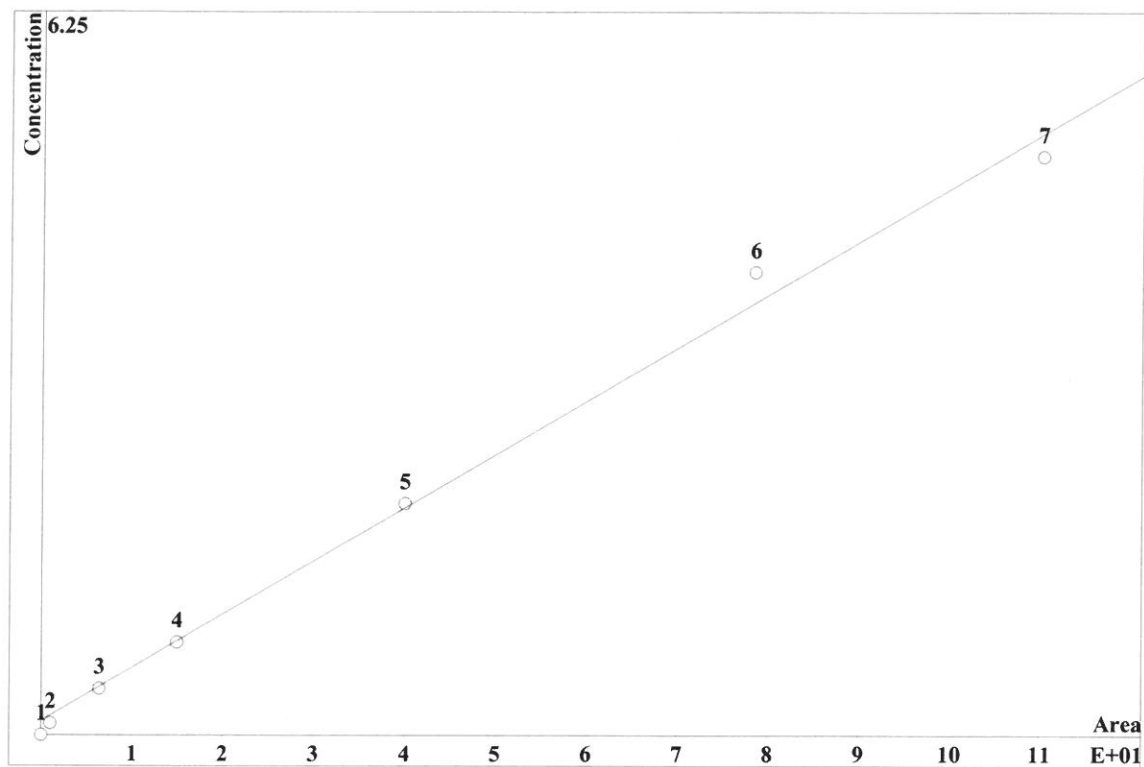
Clear table

ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-14_	5/14/18 16:03
STD2	0.1020	0.2130	0.2250	0.7310	0.1770	0.1340	1.1920	_2018-05-14_	5/14/18 16:35
STD3	0.3710	0.6280	0.6180	2.0600	0.5020	1.0010	3.1340	_2018-05-14_	5/14/18 17:07
STD4	0.8000	1.1690	1.1380	3.8590	0.9850	2.1080	5.7640	_2018-05-14_	5/14/18 17:39
STD5	2.0500	2.8850	2.9260	9.6880	2.4230	5.0580	14.3300	_2018-05-14_	5/14/18 18:11
STD6	3.9770	6.0560	6.0430	20.1620	5.0380	9.9490	30.3300	_2018-05-14_	5/14/18 18:43
STD7	5.1960	7.6320	7.5770	25.1230	6.3830	12.6990	38.3540	_2018-05-14_	5/14/18 19:15
ICV	1.9510	2.8530	2.9390	9.4440	2.4020	4.7330	15.5060	_2018-05-15_	5/15/18 9:48
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-15_	5/15/18 10:20
CCV	1.9580	2.8140	2.8280	9.2860	2.3670	4.5490	13.9330	_2018-05-25_	5/25/18 9:03
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-25_	5/25/18 9:35
LB95623BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-25_	5/25/18 10:07
LB95623BSW	1.8970	2.8640	2.9080	9.5070	2.4050	5.0450	15.0310	_2018-05-25_	5/25/18 10:39
J3135-01	0.0000	75.1900	0.0000	0.5900	0.0000	0.0510	2.9300	_2018-05-25_	5/25/18 11:12
J3135-02	0.0000	156.9130	0.0000	1.0180	0.0000	0.0000	91.2280	_2018-05-25_	5/25/18 11:44
J3135-03	0.0000	55.0420	0.0000	1.0970	0.0000	0.0000	2.2830	_2018-05-25_	5/25/18 12:16
J3135-04	0.3040	42.4420	0.1580	0.0000	3.8600	0.0120	25.0940	_2018-05-25_	5/25/18 12:48
J3135-01DUP	0.0000	73.5550	0.0000	0.6080	0.0000	0.0000	2.8520	_2018-05-25_	5/25/18 13:20
J3135-01MS	2.8010	71.3080	0.8570	10.2220	2.5470	5.8830	17.1850	_2018-05-25_	5/25/18 13:51
J3135-01MSD	2.7200	72.8170	0.8360	10.0610	2.4350	5.8770	16.4510	_2018-05-25_	5/25/18 14:23
J3135-01DLX20	0.0000	3.1120	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-25_	5/25/18 14:55
CCV	2.0080	2.9000	2.9310	9.4160	2.3740	5.3050	14.5000	_2018-05-25_	5/25/18 15:27
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-25_	5/25/18 15:59
J3135-02DLX5	0.0000	26.8660	0.0000	0.0000	0.0000	0.0000	15.4640	_2018-05-25_	5/25/18 16:31
J3135-02DLX20	0.0000	6.0100	0.0000	0.0000	0.0000	0.0000	4.3160	_2018-05-25_	5/25/18 17:03
J3135-03DLX10	0.0000	5.0950	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-25_	5/25/18 17:35
J3135-04DLX10	0.0000	3.6390	0.0000	0.0000	0.4620	0.0000	2.9840	_2018-05-25_	5/25/18 18:07
CCV	2.0630	2.8840	2.9480	9.6050	2.4420	5.2080	15.1130	_2018-05-25_	5/25/18 18:39
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-25_	5/25/18 19:11

LC-1 Cal
5-14-18 AA

CALIBRATION OF COMPONENT F-

Method: ANIONS 05-14-18.mtw
Equation: $Q = 0.920109 \cdot A + 2.48297$
RSD: 8.236 %
Correlation coefficient: 0.997228

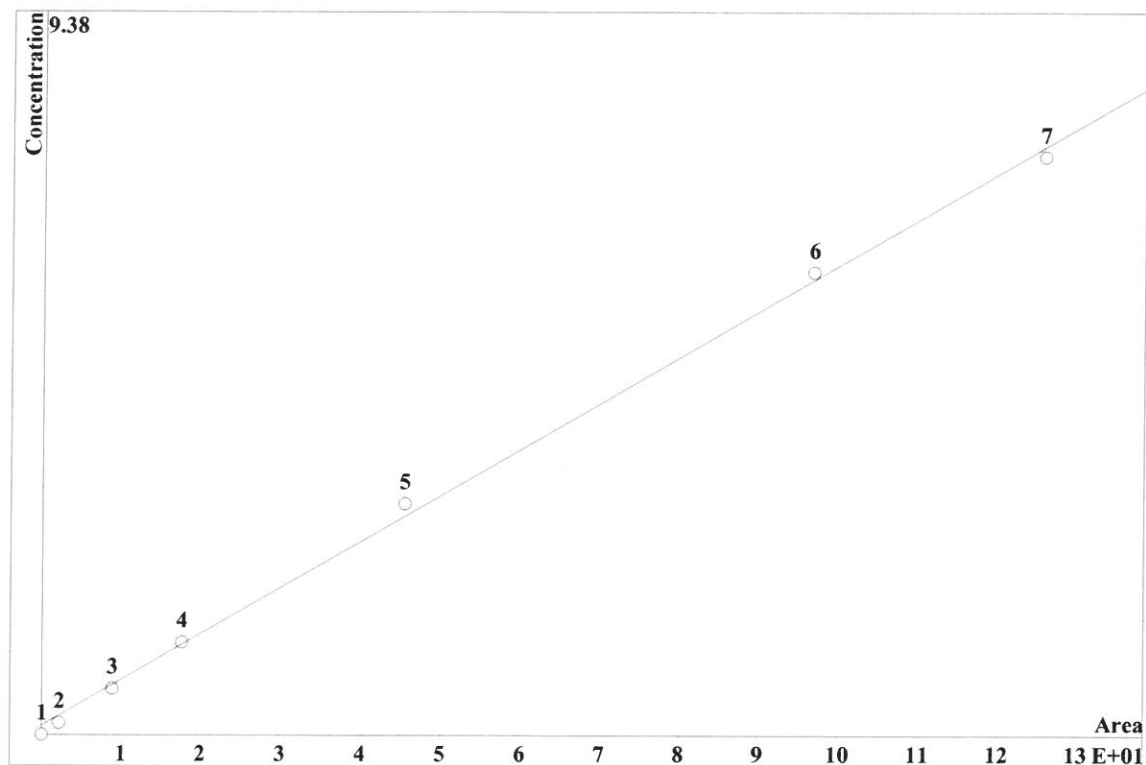


K3 = 0 K2 = 0 K1 = 0.920109 K0 = 2.48297
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0		0	No
2	0.02551	1.014		0.1	20		5.921	Yes
3	0.1596	6.388		0.4	20		5.921	Yes
4	0.3497	14.97		0.8	20		5.921	Yes
5	0.9653	40		2	20		5.921	Yes
6	2.078	78.55		4	20		5.921	Yes
7	2.703	110.3		5	20		5.913	Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 05-14-18.mtw
 Equation: $Q = 1.19358 \cdot A + 2.42564$
 RSD: 4.225 %
 Correlation coefficient: 0.999271



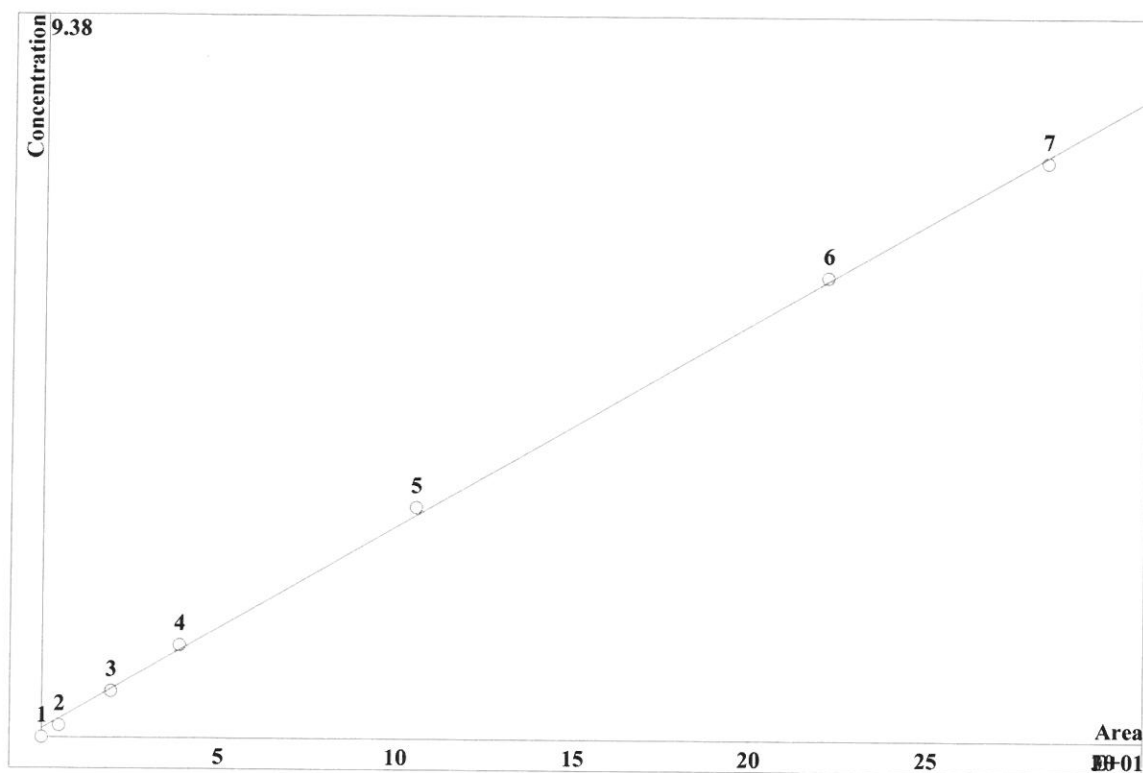
K3 = 0 K2 = 0 K1 = 1.19358 K0 = 2.42564

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	0.1304	2.177	0.15	20	8.982	Yes	
3	0.5082	8.904	0.6	20	8.982	Yes	
4	1.039	17.67	1.2	20	8.982	Yes	
5	2.738	45.48	3	20	8.982	Yes	
6	5.762	96.88	6	20	8.982	Yes	
7	7.521	125.9	7.5	20	8.858	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 05-14-18.mtw
 Equation: $Q = 0.527694 \cdot A + 2.32313$
 RSD: 2.920 %
 Correlation coefficient: 0.999652



K3 = 0 K2 = 0 K1 = 0.527694 K0 = 2.32313

Base: Area

Ref.channel: Cond

ISTD:

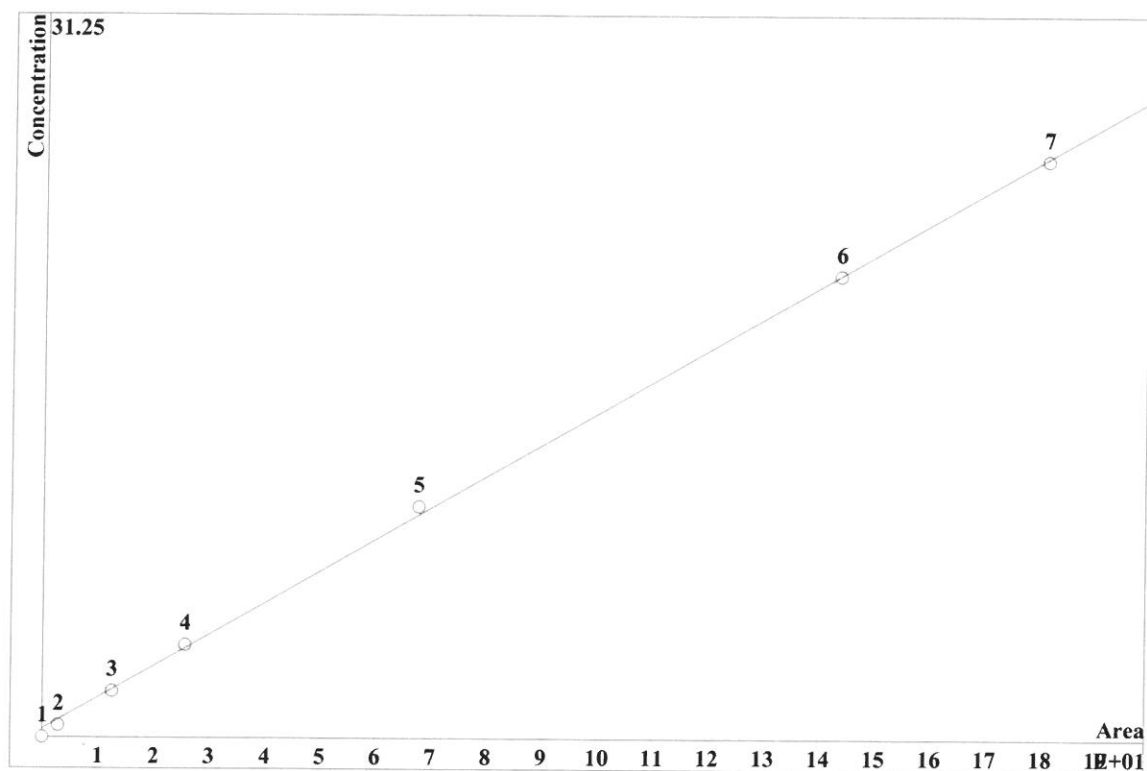
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.2505	4.928	0.15	20	10.72			Yes
3	0.9927	19.55	0.6	20	10.72			Yes
4	2.021	38.88	1.2	20	10.72			Yes
5	5.317	105.4	3	20	10.72			Yes
6	10.89	221.3	6	20	10.72			Yes
7	13.93	282.8	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 05-14-18.mtw
 Equation: $Q = 2.73902 \cdot A + 7.39846$
 RSD: 2.378 %
 Correlation coefficient: 0.999769



K3 = 0 K2 = 0 K1 = 2.73902 K0 = 7.39846

Base: Area

Ref.channel: Cond

ISTD:

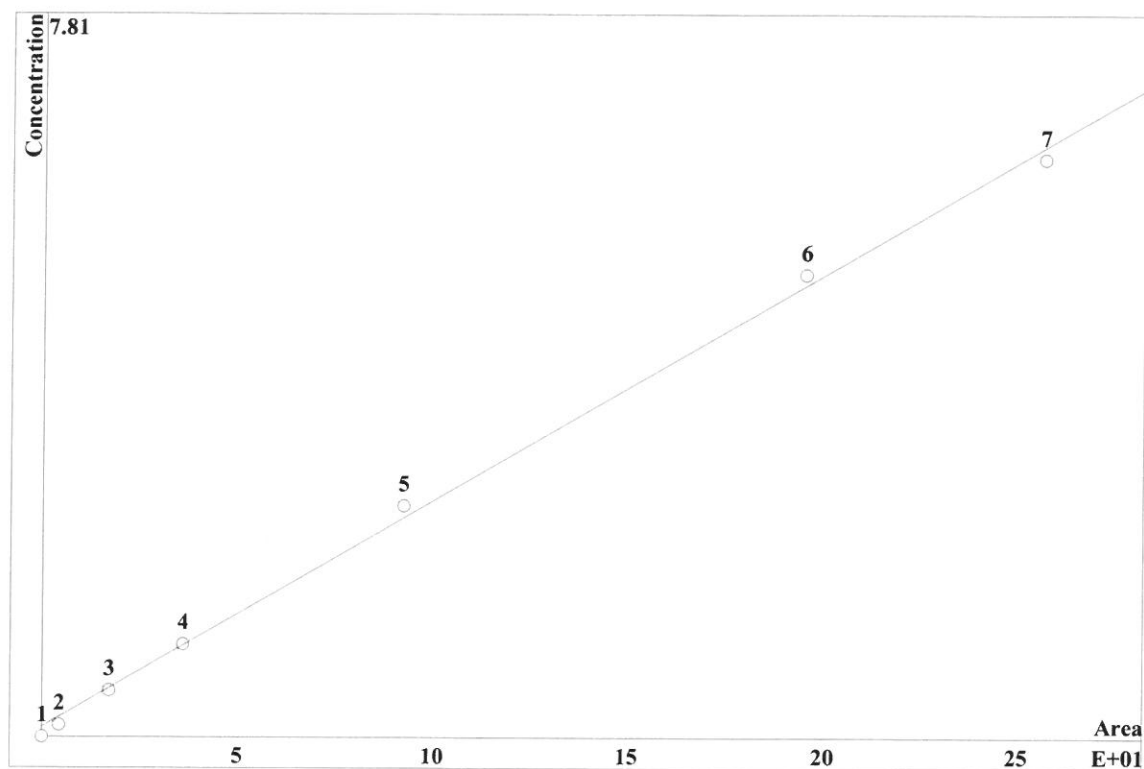
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.142	2.876	0.5	20	13.6		Yes
3	0.5923	12.49	2	20	13.6		Yes
4	1.213	25.51	4	20	13.6		Yes
5	3.235	67.71	10	20	13.6		Yes
6	6.802	143.5	20	20	13.6		Yes
7	8.772	180.7	25	20	13.72		Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 05-14-18.mtw
 Equation: $Q = 0.488768 \cdot A + 2.18902$
 RSD: 4.670 %
 Correlation coefficient: 0.999109



K3 = 0 K2 = 0 K1 = 0.488768 K0 = 2.18902

Base: Area

Ref.channel: Cond

ISTD:

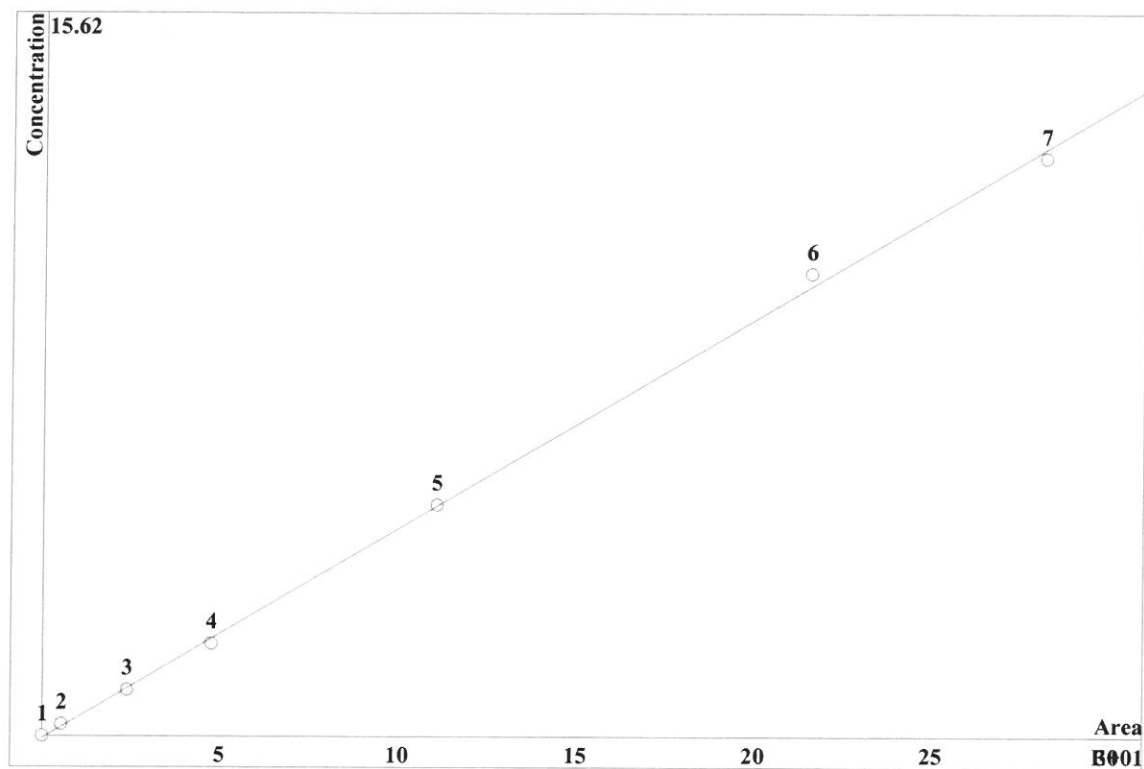
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.184	4.38	0.125	20	15.49		Yes
3	0.7359	17.16	0.5	20	15.49		Yes
4	1.507	36.11	1	20	15.49		Yes
5	4.045	92.6	2.5	20	15.49		Yes
6	8.751	195.3	5	20	15.49		Yes
7	11.53	256.7	6.25	20	15.65		Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 05-14-18.mtw
 Equation: $Q = 0.904835 \cdot A - 0.920239$
 RSD: 3.570 %
 Correlation coefficient: 0.999480



K3 = 0 K2 = 0 K1 = 0.904835 K0 = -0.920239

Base: Area

Ref.channel: Cond

ISTD:

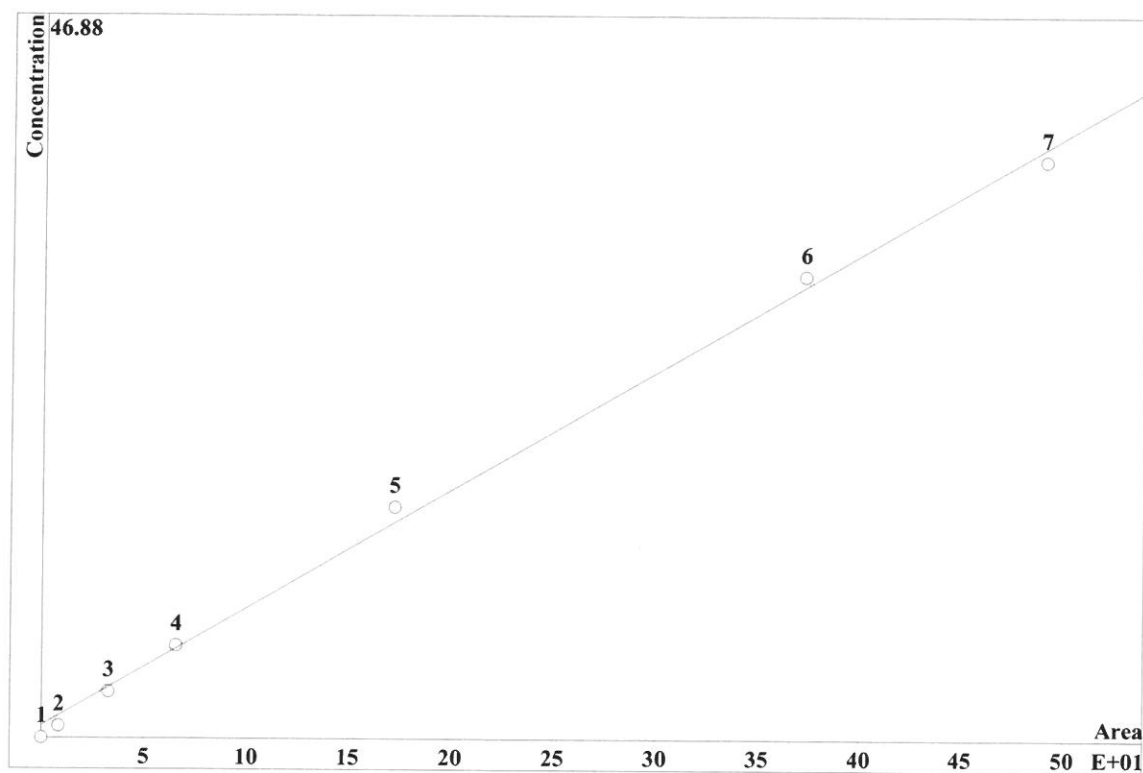
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.1485	5.379	0.25	20	22.72	Yes	
3	0.595	23.98	1	20	22.72	Yes	
4	1.173	47.74	2	20	22.72	Yes	
5	2.952	111	5	20	22.72	Yes	
6	6.157	215.9	10	20	22.72	Yes	
7	8.052	281.7	12.5	20	21.48	Yes	

CALIBRATION OF COMPONENT SO4

Method: ANIONS 05-14-18.mtw
 Equation: $Q = 1.53128 \cdot A + 16.1306$
 RSD: 5.405 %
 Correlation coefficient: 0.998807



K3 = 0 K2 = 0 K1 = 1.53128 K0 = 16.1306

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	0.2675	8.301	0.75	20	25.7		Yes
3	1.039	32.57	3	20	25.7		Yes
4	2.144	65.44	6	20	25.7		Yes
5	5.778	172.5	15	20	25.7		Yes
6	12.57	372.5	30	20	25.7		Yes
7	16.6	490.4	37.5	20	25.17		Yes

Report date: 5/15/2018 8:04:50 AM
Printed by: wet

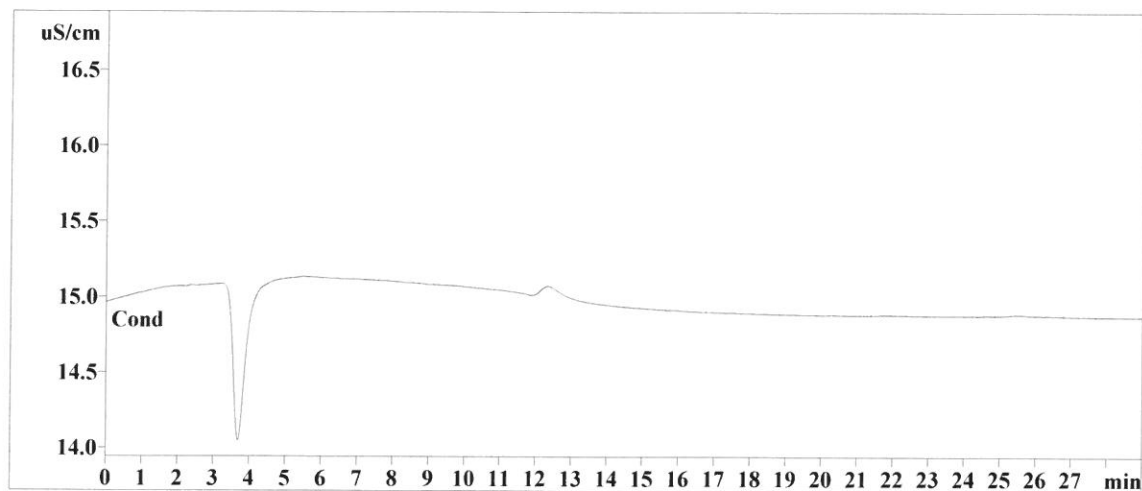
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Analysis from: 5/14/2018 4:03:39 PM
File: _2018-05-14_

Last save: 5/15/2018 8:04:48 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62191

Last save: 5/14/2018 9:31:10 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: 5/15/2018 8:05:06 AM
Printed by: wet

Ident: STD2
Analysis from: 5/14/2018 4:35:33 PM
File: _2018-05-14_

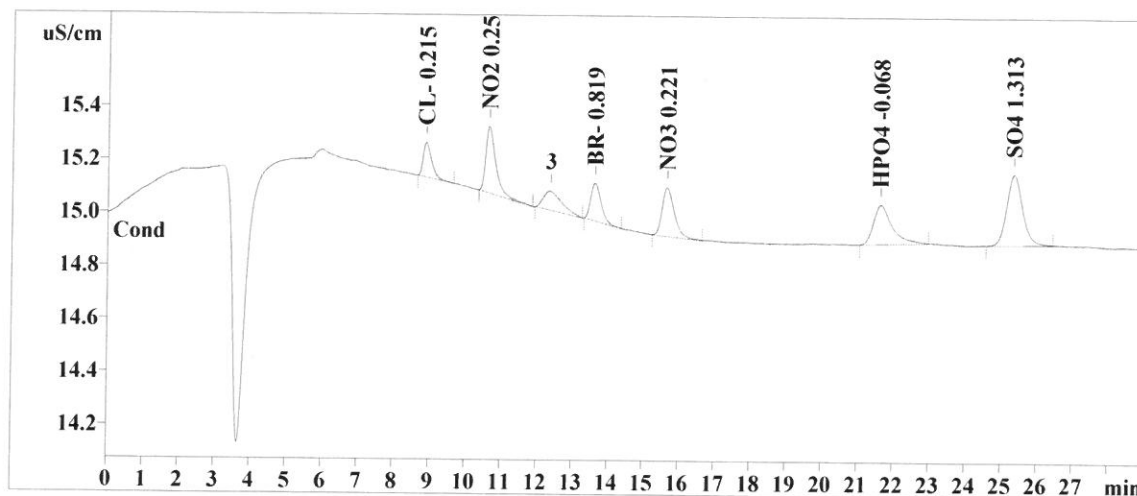
Last save: 5/14/2018 5:04:22 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62192

Last save: 5/14/2018 9:31:10 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.88	0.249	0.13	10.85	2.177	7.09	0.
3	10.64	0.280	0.25	20.92	4.928	16.06	0.
4	13.62	0.311	0.14	11.81	2.876	9.37	0.
5	15.65	0.354	0.18	15.37	4.380	14.28	0.
6	21.62	0.509	0.15	12.38	5.379	17.53	0.
7	25.33	0.467	0.27	22.30	8.301	27.06	0.
7	29.00	0.310	1.12	93.62	28.042	91.39	0.

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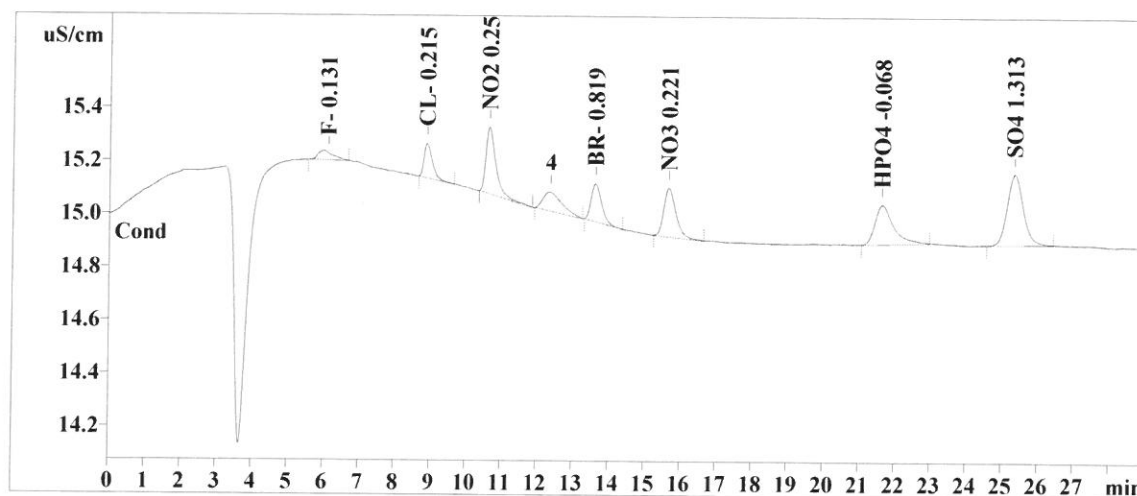
Report date: 5/15/2018 8:05:14 AM
Printed by: wet

Ident: STD2
Analysis from: 5/14/2018 4:35:33 PM
File: _2018-05-14_
Modified! Manual peaks!
Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62192

Last save: 5/14/2018 5:04:22 PM

Last save: 5/14/2018 9:31:10 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	6.10	0.597	0.03	2.10	1.014	3.20	0.
2	8.88	0.249	0.13	10.62	2.177	6.87	0.
3	10.64	0.280	0.25	20.49	4.928	15.55	0.
4	13.62	0.311	0.14	11.56	2.876	9.07	0.
5	15.65	0.354	0.18	15.05	4.380	13.82	0.
6	21.62	0.509	0.15	12.12	5.379	16.97	0.
7	25.33	0.467	0.27	21.84	8.301	26.19	0.
7	29.00	0.395	1.14	93.76	29.056	91.67	0.

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Report date: 5/15/2018 8:05:38 AM
Printed by: wet

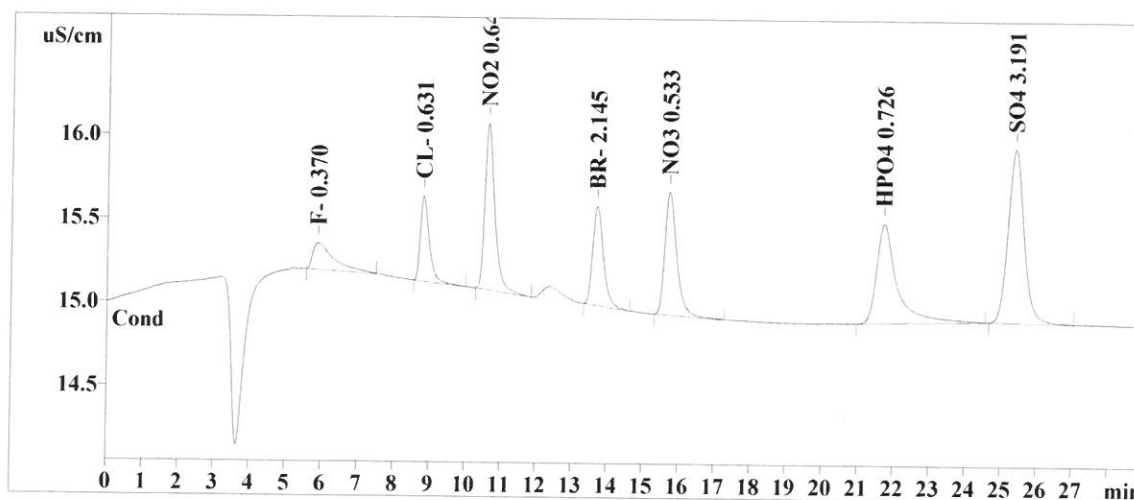
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Analysis from: 5/14/2018 5:07:27 PM
File: _2018-05-14_

Last save: 5/14/2018 5:36:16 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62193

Last save: 5/14/2018 9:31:10 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	5.89	0.543	0.16	3.43	6.388	5.28	0.
2	8.81	0.256	0.51	10.99	8.904	7.36	0.
3	10.62	0.287	0.99	21.48	19.551	16.15	0.
4	13.70	0.316	0.59	12.80	12.491	10.32	0.
5	15.72	0.343	0.74	15.90	17.156	14.17	0.
6	21.71	0.504	0.59	12.87	23.983	19.81	0.
7	25.38	0.469	1.04	22.47	32.570	26.91	0.
7	29.00	0.388	4.62	99.94	121.043	100.00	0.

This report has been created by IC Net
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Report date: 5/15/2018 8:05:45 AM
Printed by: wet

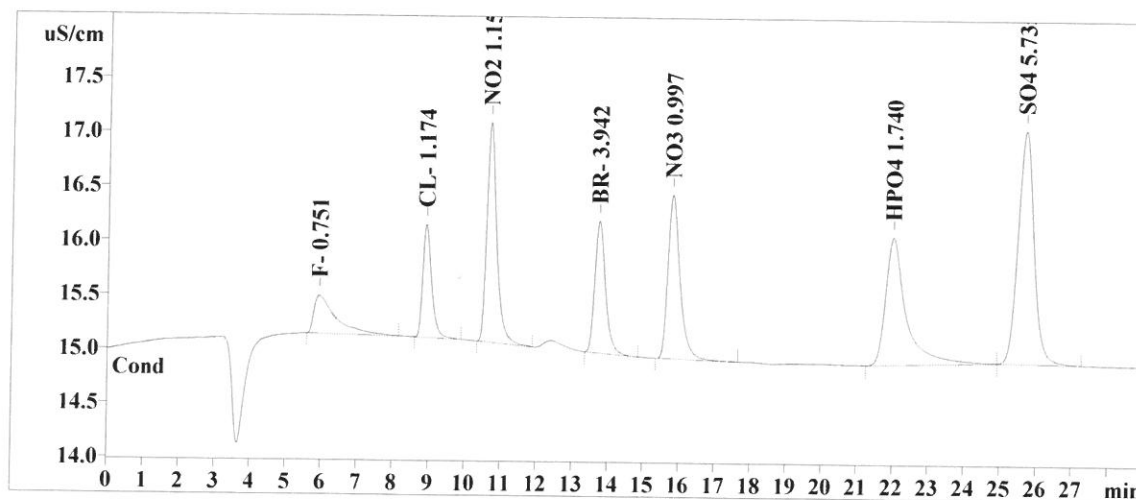
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Analysis from: 5/14/2018 5:39:22 PM
File: _2018-05-14_

Last save: 5/14/2018 6:08:10 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62194

Last save: 5/14/2018 9:31:10 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	5.93	0.563	0.35	3.69	14.967	6.08	0.
2	8.89	0.251	1.04	10.99	17.666	7.17	0.
3	10.67	0.281	2.02	21.39	38.884	15.79	0.
4	13.73	0.315	1.21	12.84	25.514	10.36	0.
5	15.79	0.352	1.51	15.95	36.113	14.66	0.
6	21.99	0.520	1.17	12.41	47.740	19.38	0.
7	25.66	0.457	2.14	22.69	65.443	26.57	0.
7	29.00	0.391	9.44	99.98	246.327	100.00	0.

This report has been created by IC Net
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Report date: 5/15/2018 8:05:51 AM
Printed by: wet

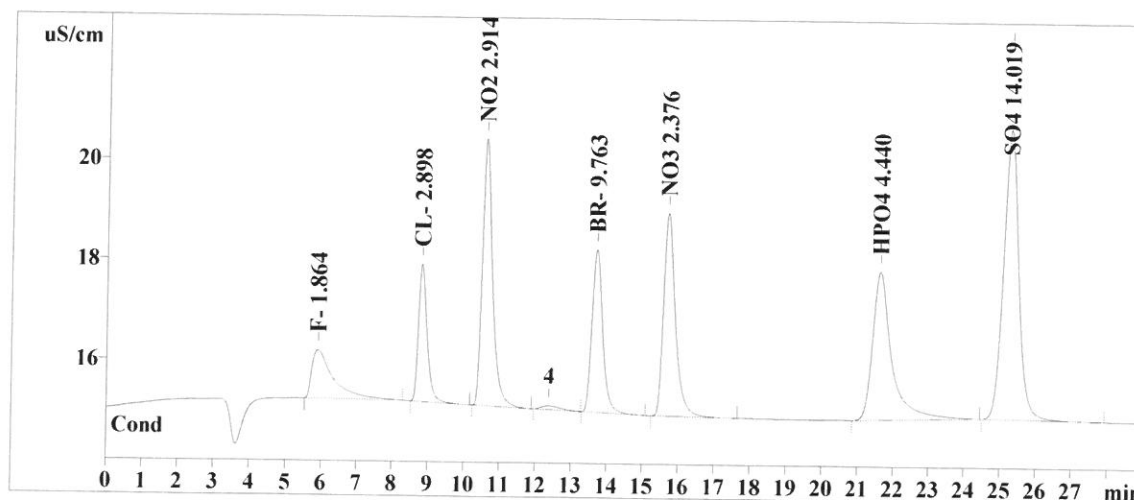
Ident: STD5
Analysis from: 5/14/2018 6:11:17 PM
File: _2018-05-14_

Last save: 5/14/2018 6:40:06 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62195

Last save: 5/14/2018 9:31:10 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	5.89	0.546	0.96	3.84	39.998	6.27	0.
2	8.80	0.245	2.74	10.90	45.481	7.13	0.
3	10.58	0.290	5.32	21.18	105.393	16.53	0.
4	13.69	0.312	3.24	12.89	67.711	10.62	0.
5	15.68	0.334	4.04	16.11	92.595	14.52	0.
6	21.60	0.490	2.95	11.76	111.022	17.41	0.
7	25.25	0.446	5.78	23.01	172.499	27.05	0.
7	29.00	0.380	25.03	99.67	634.700	99.53	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/15/2018 8:05:59 AM
Printed by: wet

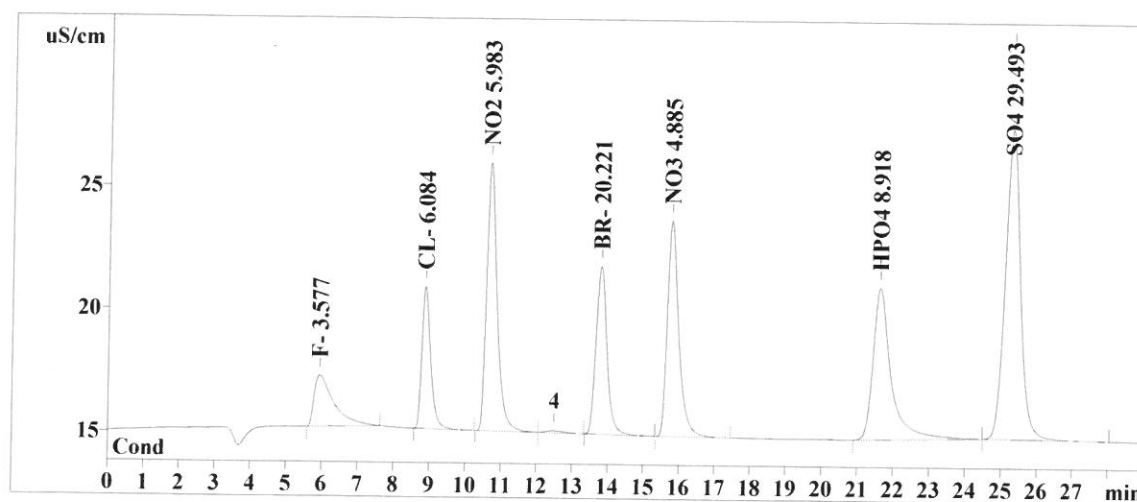
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Analysis from: 5/14/2018 6:43:11 PM
File: _2018-05-14_

Last save: 5/14/2018 7:12:00 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62196

Last save: 5/14/2018 9:31:10 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	5.94	0.528	2.08	3.91	78.550	5.92	0.
2	8.86	0.248	5.76	10.86	96.879	7.30	0.
3	10.66	0.299	10.89	20.51	221.310	16.68	0.
4	13.78	0.316	6.80	12.81	143.524	10.82	0.
5	15.75	0.324	8.75	16.48	195.289	14.72	0.
6	21.61	0.463	6.16	11.60	215.944	16.27	0.
7	25.26	0.442	12.57	23.67	372.452	28.07	0.
7	29.00	0.374	53.00	99.84	1323.947	99.78	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/15/2018 8:06:06 AM
Printed by: wet

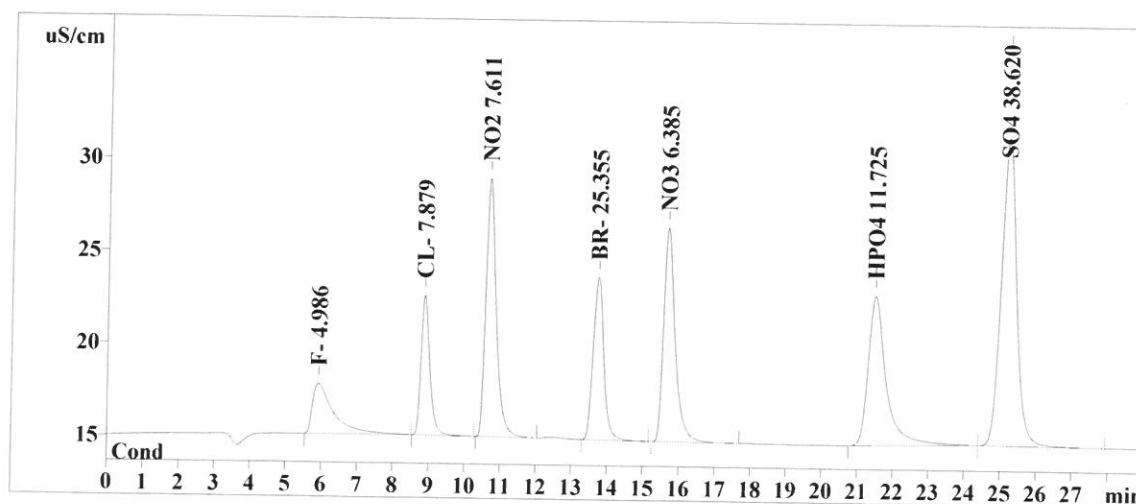
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Analysis from: 5/14/2018 7:15:06 PM
File: _2018-05-14_

Last save: 5/14/2018 7:43:54 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62197

Last save: 5/14/2018 9:31:10 AM

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	5.91	0.542	2.70	3.91	110.251	6.38	0.
2	8.86	0.247	7.52	10.88	125.853	7.28	0.
3	10.65	0.300	13.93	20.16	282.787	16.36	0.
4	13.72	0.309	8.77	12.69	180.742	10.46	0.
5	15.65	0.322	11.53	16.68	256.727	14.85	0.
6	21.48	0.468	8.05	11.65	281.717	16.30	0.
7	25.17	0.440	16.60	24.02	490.404	28.37	0.
7	29.00	0.375	69.11	99.99	1728.482	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/16/2018 12:46:19 PM
Printed by: wet

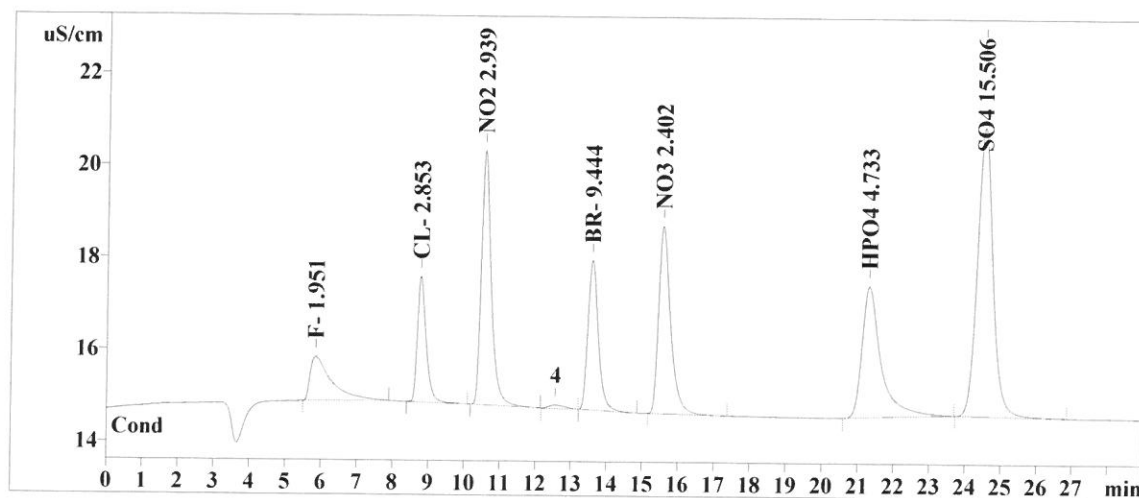
Ident: ICV
Analysis from: 5/15/2018 9:48:51 AM
File: _2018-05-15_

Last save: 5/15/2018 10:17:40 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62205

Last save: 5/15/2018 8:12:34 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	5.85	0.559	0.96	3.73	39.711	6.09	0.
2	8.76	0.247	2.73	10.62	45.769	7.01	0.
3	10.54	0.283	5.52	21.46	107.001	16.40	0.
4	13.58	0.305	3.25	12.63	66.258	10.15	0.
5	15.55	0.336	4.07	15.82	93.815	14.38	0.
6	21.30	0.491	2.84	11.06	105.632	16.19	0.
7	24.50	0.457	6.27	24.39	191.995	29.42	0.
7	29.00	0.383	25.63	99.70	650.182	99.64	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/16/2018 12:46:30 PM
Printed by: wet

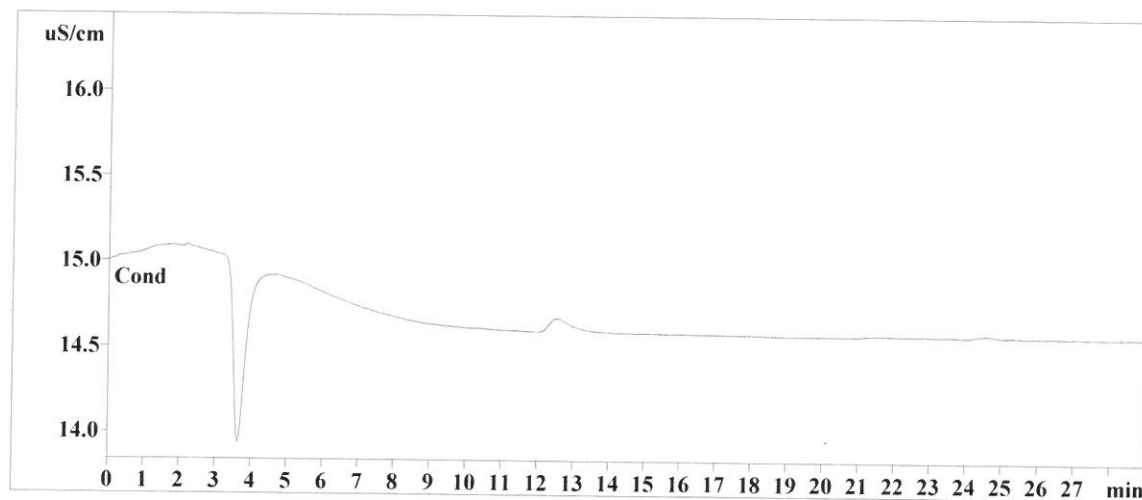
Ident: ICB
Analysis from: 5/15/2018 10:20:45 AM
File: _2018-05-15_

Last save: 5/15/2018 10:49:34 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62206

Last save: 5/15/2018 8:12:34 AM

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: 5/30/2018 1:48:45 PM
Printed by: wet

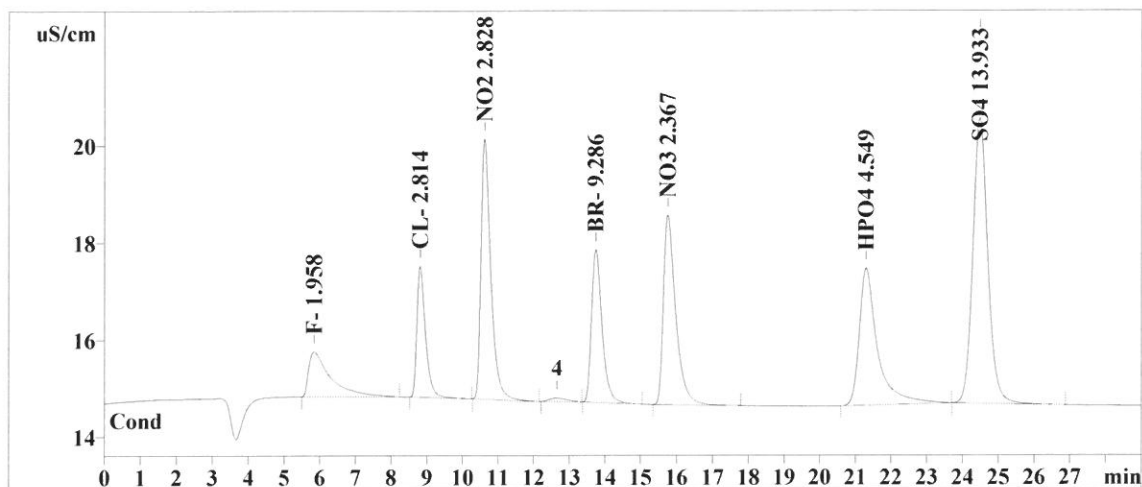
Ident: CCV
Analysis from: 5/25/2018 9:03:13 AM
File: _2018-05-25_

Last save: 5/25/2018 9:32:02 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62323

Last save: 5/15/2018 8:12:34 AM

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	5.84	0.564	0.92	3.72	39.855	6.42	0.
2	8.81	0.245	2.69	10.86	45.122	7.27	0.
3	10.62	0.280	5.36	21.60	102.782	16.56	0.
4	13.75	0.309	3.14	12.66	65.104	10.49	0.
5	15.75	0.342	3.91	15.75	92.360	14.88	0.
6	21.30	0.474	2.83	11.39	101.567	16.36	0.
7	24.48	0.436	5.88	23.69	171.449	27.62	0.
7	29.00	0.379	24.73	99.68	618.240	99.60	0.

This report has been created by IC Net
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Report date: 5/30/2018 1:48:56 PM
Printed by: wet

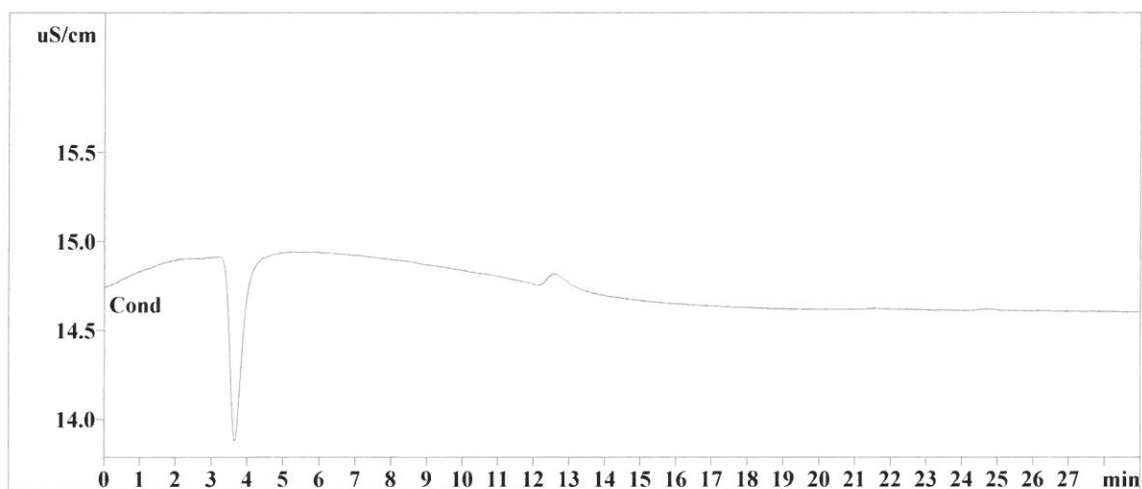
Ident: CCB
Analysis from: 5/25/2018 9:35:28 AM
File: _2018-05-25_

Last save: 5/25/2018 10:04:18 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62324

Last save: 5/15/2018 8:12:34 AM

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: 5/30/2018 1:49:13 PM
Printed by: wet

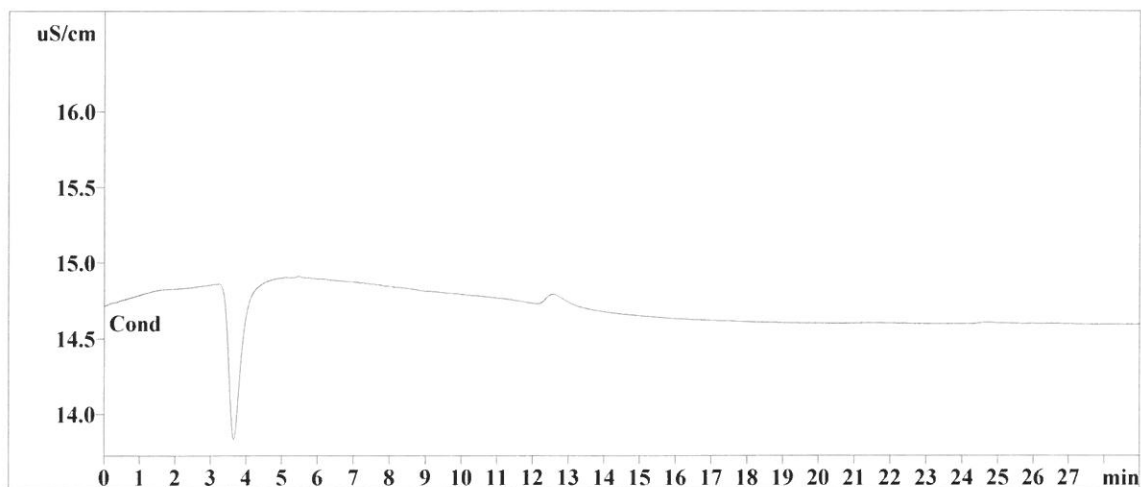
Ident: LB95623BLW
Analysis from: 5/25/2018 10:07:23 AM
File: _2018-05-25_

Last save: 5/30/2018 1:49:10 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62325

Last save: 5/15/2018 8:12:34 AM

SAMPLE: 5.02g
: 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
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Report date: 5/30/2018 1:49:23 PM
 Printed by: wet

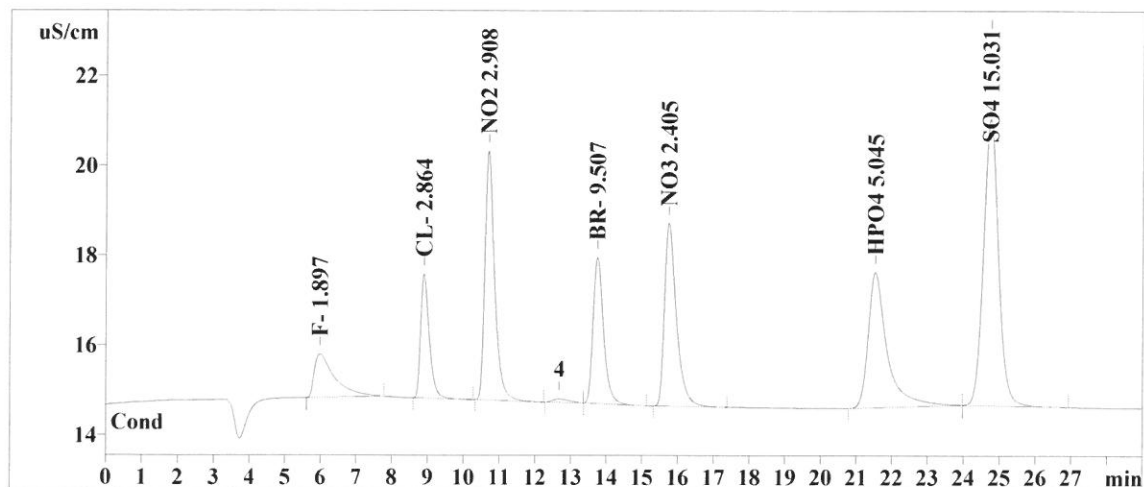
Ident: LB95623BSW
 Analysis from: 5/25/2018 10:39:17 AM
 File: _2018-05-25_

Last save: 5/25/2018 11:08:06 AM

Method: ANIONS 05-14-18.mtw
 Run operator: wet
 Analysis number: 62326

Last save: 5/15/2018 8:12:34 AM

SAMPLE: 5.01g
 : 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	0.555	0.96	3.69	38.540	5.91	0.
2	8.89	0.245	2.76	10.58	45.955	7.05	0.
3	10.68	0.279	5.54	21.28	105.794	16.23	0.
4	13.75	0.307	3.25	12.47	66.718	10.24	0.
5	15.74	0.336	4.07	15.63	93.944	14.41	0.
6	21.53	0.496	3.01	11.55	112.532	17.26	0.
7	24.73	0.435	6.38	24.50	185.786	28.50	0.
7	29.00	0.379	25.98	99.69	649.269	99.61	0.

This report has been created by IC Net
 METROHM LTD

Report date: 5/30/2018 1:51:21 PM
Printed by: wet

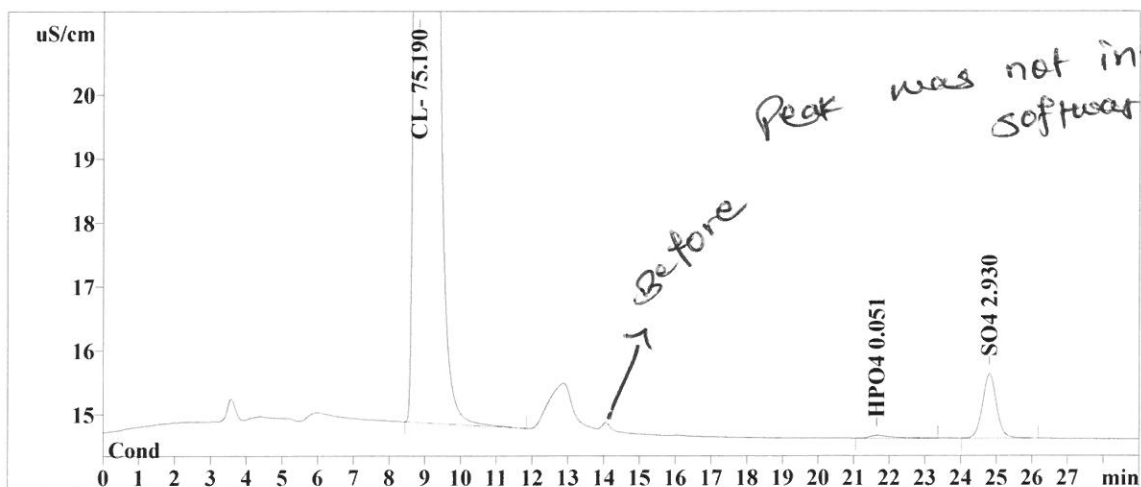
Ident: J3135-01
Analysis from: 5/25/2018 11:12:22 AM
File: _2018-05-25_

Last save: 5/30/2018 1:51:10 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62327

Last save: 5/15/2018 8:12:34 AM

SAMPLE:
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



AK
5-30-18

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	8.83	0.517	39.83	97.39	1257.881	97.68	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.66	0.580	0.05	0.12	2.146	0.17	0.
7	24.81	0.412	1.01	2.47	27.739	2.15	0.
7	29.00	0.216	40.89	99.98	1287.766	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 1:54:24 PM
Printed by: wet

Ident: J3135-01
Analysis from: 5/25/2018 11:12:22 AM
File: _2018-05-25_

Last save: 5/30/2018 1:53:32 PM

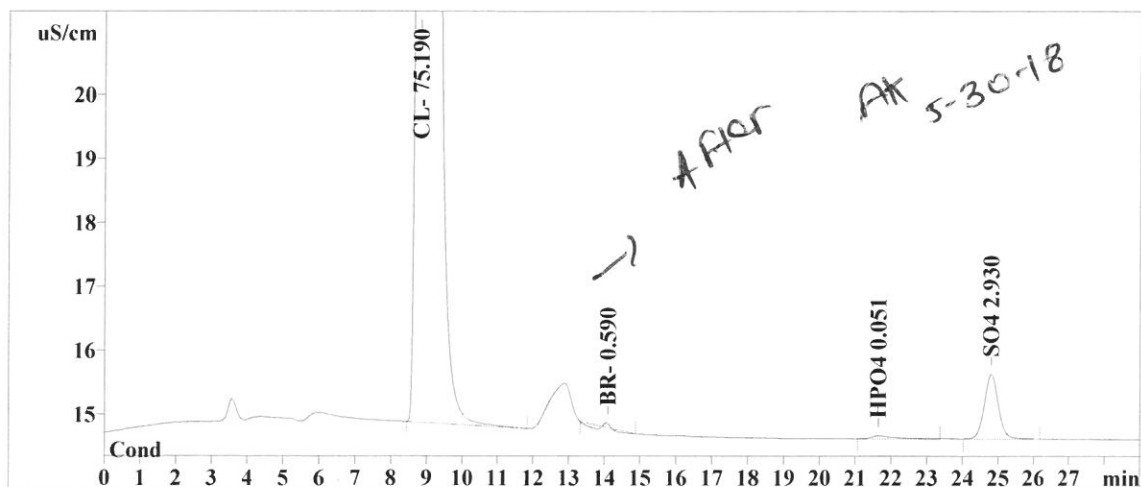
Manual peaks!

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62327

Last save: 5/15/2018 8:12:34 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.83	0.517	39.83	97.24	1257.881	97.56	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.11	0.175	0.06	0.15	-1.603	-0.12	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.66	0.580	0.05	0.12	2.146	0.17	0.
7	24.81	0.412	1.01	2.47	27.739	2.15	0.
7	29.00	0.241	40.95	99.98	1289.370	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 1:55:20 PM
Printed by: wet

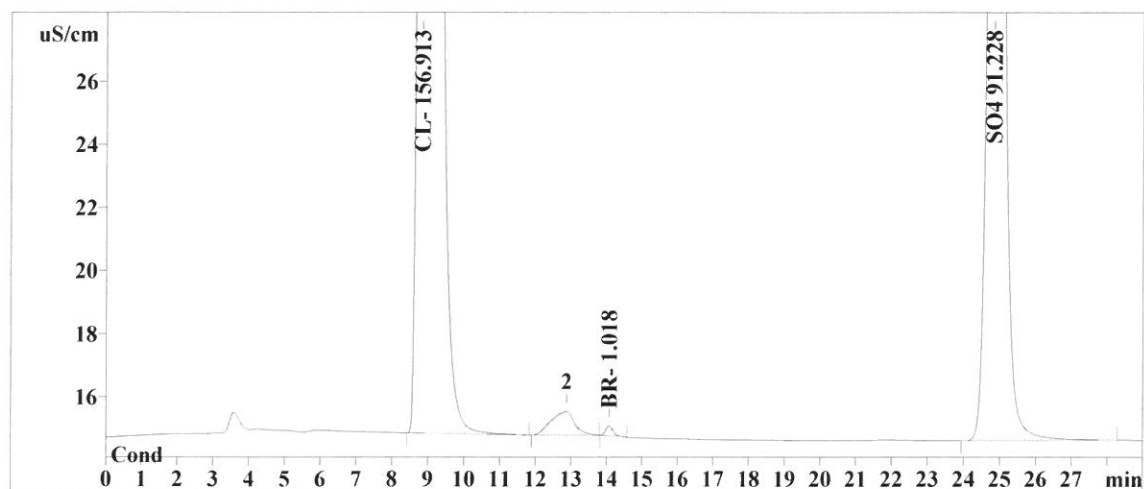
Ident: J3135-02
Analysis from: 5/25/2018 11:44:17 AM
File: _2018-05-25_

Last save: 5/25/2018 12:13:06 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62328

Last save: 5/15/2018 8:12:34 AM

SAMPLE:
: AK/AP
Vial number: 10
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.84	0.542	79.53	63.72	2627.242	68.28	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.08	0.233	0.31	0.25	4.732	0.12	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	24.83	0.401	44.20	35.42	1180.992	30.69	0.
7	29.00	0.168	124.05	99.38	3812.966	99.10	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 1:56:42 PM
Printed by: wet

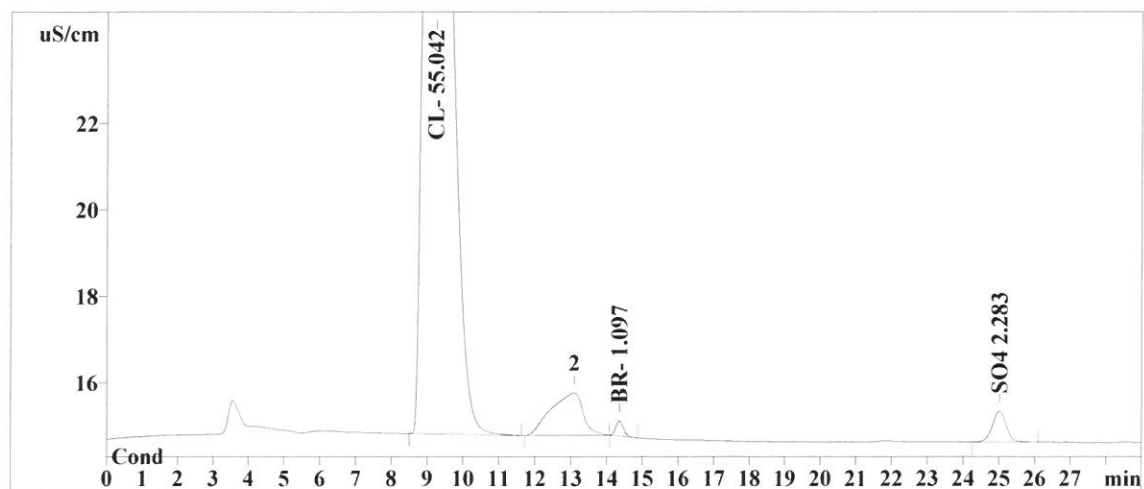
Ident: J3135-03
Analysis from: 5/25/2018 12:16:11 PM
File: _2018-05-25_

Last save: 5/30/2018 1:56:42 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62329

Last save: 5/15/2018 8:12:34 AM

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	9.23	0.920	17.36	89.39	920.272	91.52	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.36	0.227	0.36	1.85	5.311	0.53	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	25.01	0.407	0.72	3.68	19.285	1.92	0.
7	29.00	0.222	18.44	94.92	944.868	93.96	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 1:57:49 PM
Printed by: wet

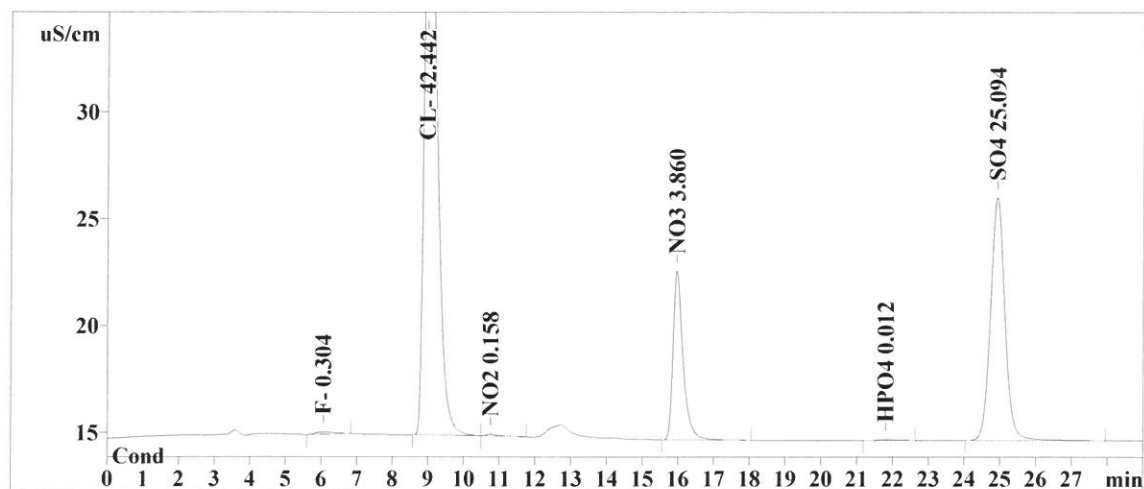
Ident: J3135-04
Analysis from: 5/25/2018 12:48:06 PM
File: _2018-05-25_

Last save: 5/30/2018 1:57:48 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62330

Last save: 5/15/2018 8:12:34 AM

SAMPLE:
: AK/AP
Vial number: 12
Volume: 20.0 μ L
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	6.05	0.633	0.10	0.21	3.904	0.33	0.
2	8.97	0.375	29.71	60.44	709.135	59.76	0.
3	10.76	0.260	0.08	0.15	1.592	0.13	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.96	0.278	7.88	16.03	153.482	12.93	0.
6	21.77	0.569	0.03	0.07	1.272	0.11	0.
7	24.92	0.414	11.35	23.09	317.221	26.73	0.
7	29.00	0.361	49.15	99.99	1186.605	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 1:58:25 PM
Printed by: wet

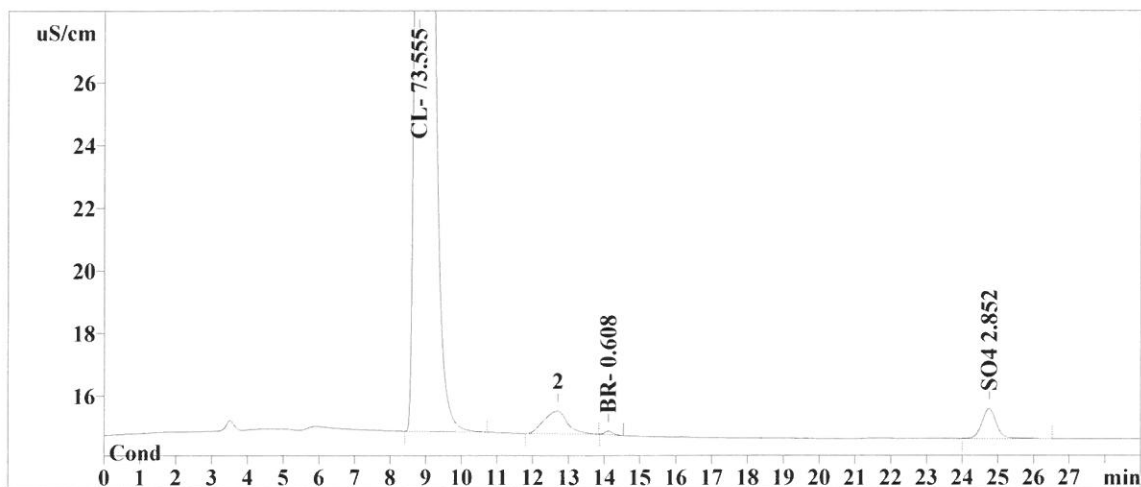
Ident: J3135-01DUP
Analysis from: 5/25/2018 1:20:00 PM
File: _2018-05-25_

Last save: 5/25/2018 1:48:48 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62331

Last save: 5/15/2018 8:12:34 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.79	0.495	40.66	95.76	1230.485	95.24	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.12	0.234	0.12	0.27	1.741	0.13	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	24.75	0.418	0.95	2.25	26.714	2.07	0.
7	29.00	0.164	41.73	98.28	1258.939	97.44	0.

This report has been created by IC Net
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Report date: 5/30/2018 1:59:18 PM
Printed by: wet

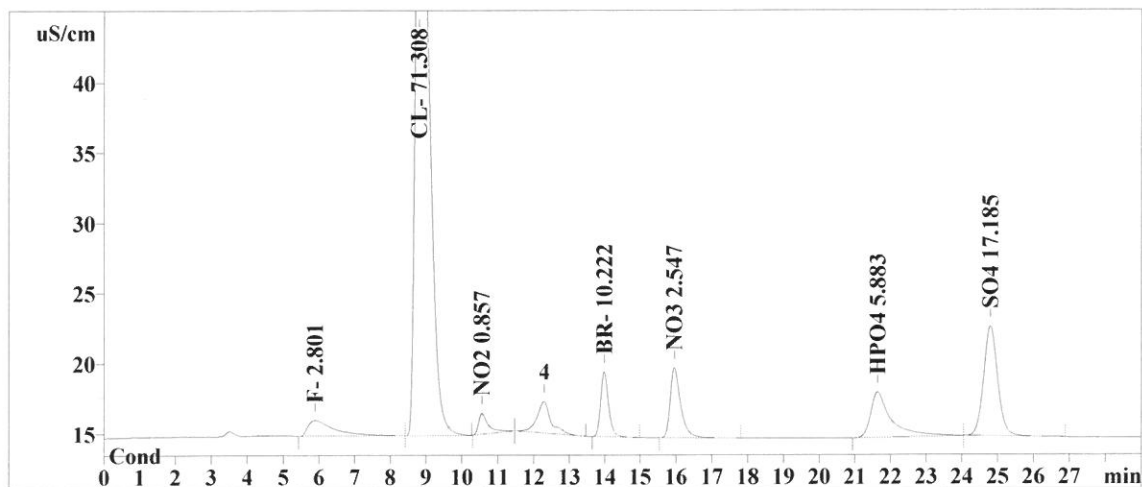
Ident: J3135-01MS
Analysis from: 5/25/2018 1:51:54 PM
File: _2018-05-25_

Last save: 5/25/2018 2:20:44 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62332

Last save: 5/15/2018 8:12:34 AM

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	5.89	0.707	1.12	1.58	58.181	3.13	0.
2	8.80	0.423	45.35	64.02	1192.831	64.18	0.
3	10.56	0.241	1.49	2.11	28.091	1.51	0.
4	13.99	0.230	4.61	6.51	71.941	3.87	0.
5	15.95	0.288	4.97	7.01	99.731	5.37	0.
6	21.63	0.499	3.24	4.57	131.042	7.05	0.
7	24.80	0.412	7.82	11.03	213.916	11.51	0.
7	29.00	0.400	68.59	96.83	1795.732	96.62	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 1:59:37 PM
Printed by: wet

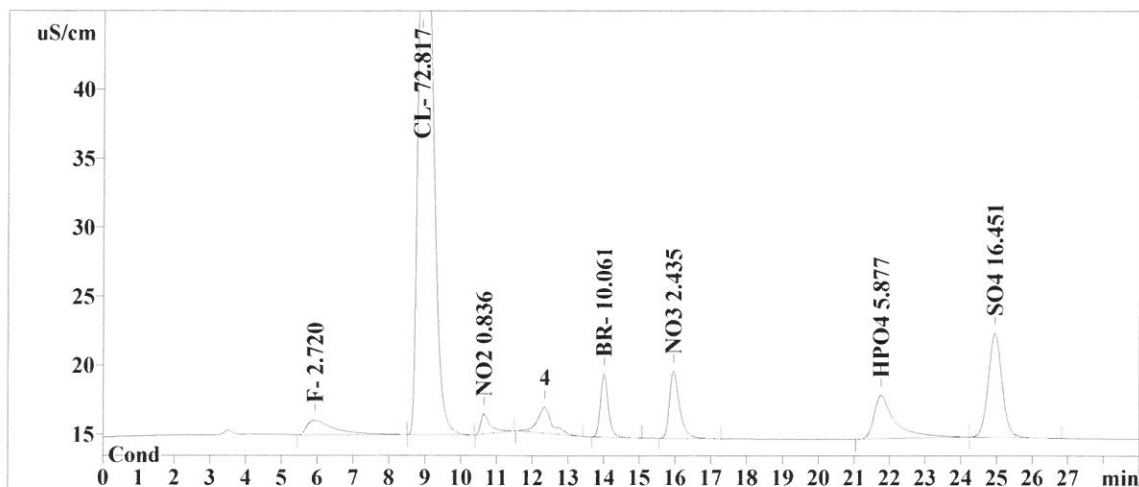
Ident: J3135-01MSD
Analysis from: 5/25/2018 2:23:49 PM
File: _2018-05-25_

Last save: 5/25/2018 2:52:38 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62333

Last save: 5/15/2018 8:12:34 AM

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	5.94	0.719	1.07	1.51	56.419	3.04	0.
2	8.89	0.424	46.15	65.33	1218.113	65.57	0.
3	10.65	0.243	1.46	2.07	27.295	1.47	0.
4	14.01	0.231	4.54	6.43	70.761	3.81	0.
5	15.95	0.284	4.85	6.86	95.179	5.12	0.
6	21.76	0.509	3.16	4.47	130.923	7.05	0.
7	24.95	0.407	7.55	10.69	204.332	11.00	0.
7	29.00	0.402	68.77	97.36	1803.023	97.06	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 2:01:01 PM
Printed by: wet

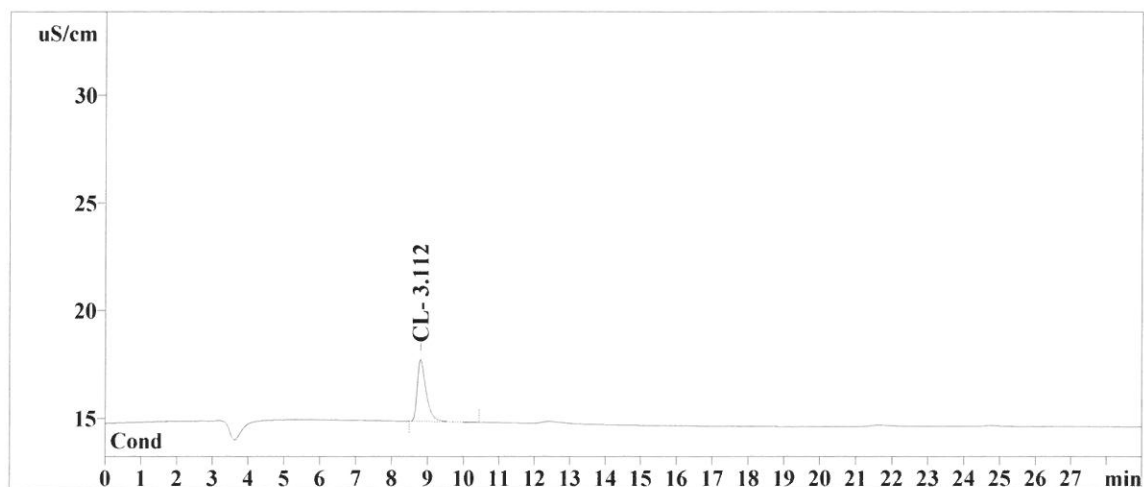
Ident: J3135-01DLX20
Analysis from: 5/25/2018 2:55:43 PM
File: _2018-05-25_

Last save: 5/30/2018 2:00:58 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62334

Last save: 5/15/2018 8:12:34 AM

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	8.80	0.257	2.86	99.97	50.115	100.00	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	29.00	0.037	2.86	99.97	50.115	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 2:01:22 PM
Printed by: wet

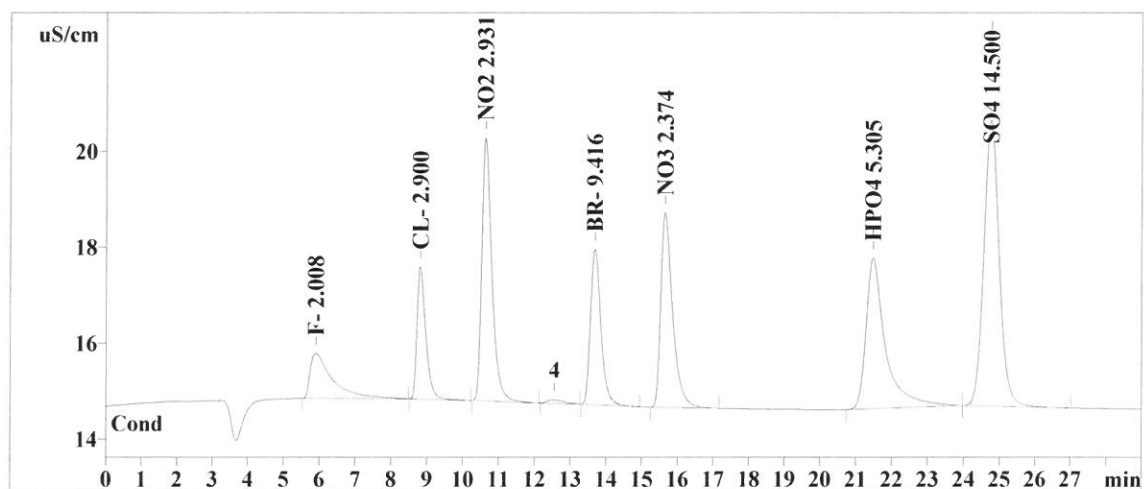
Ident: CCV
Analysis from: 5/25/2018 3:27:44 PM
File: _2018-05-25_

Last save: 5/25/2018 3:56:32 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62335

Last save: 5/15/2018 8:12:34 AM

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	5.91	0.573	0.94	3.66	40.938	6.27	0.
2	8.82	0.249	2.75	10.75	46.568	7.14	0.
3	10.63	0.285	5.48	21.40	106.698	16.35	0.
4	13.68	0.306	3.23	12.61	66.051	10.12	0.
5	15.64	0.334	4.05	15.81	92.678	14.20	0.
6	21.48	0.491	3.13	12.22	118.282	18.13	0.
7	24.75	0.450	5.96	23.24	178.846	27.41	0.
7	29.00	0.384	25.55	99.70	650.061	99.62	0.

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Report date: 5/30/2018 2:01:39 PM
Printed by: wet

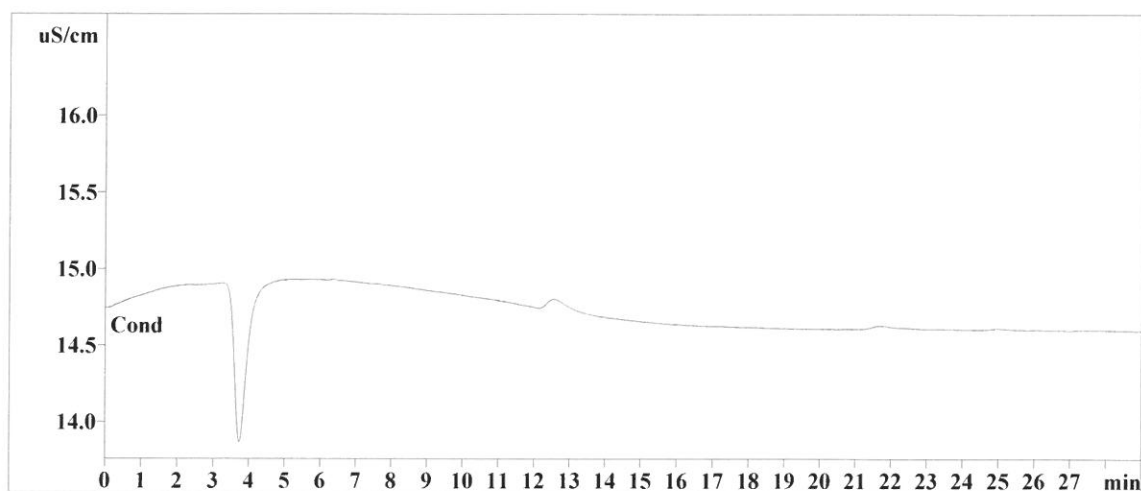
Ident: CCB
Analysis from: 5/25/2018 3:59:38 PM
File: _2018-05-25_

Last save: 5/30/2018 2:01:36 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62336

Last save: 5/15/2018 8:12:34 AM

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: 5/30/2018 2:03:42 PM
Printed by: wet

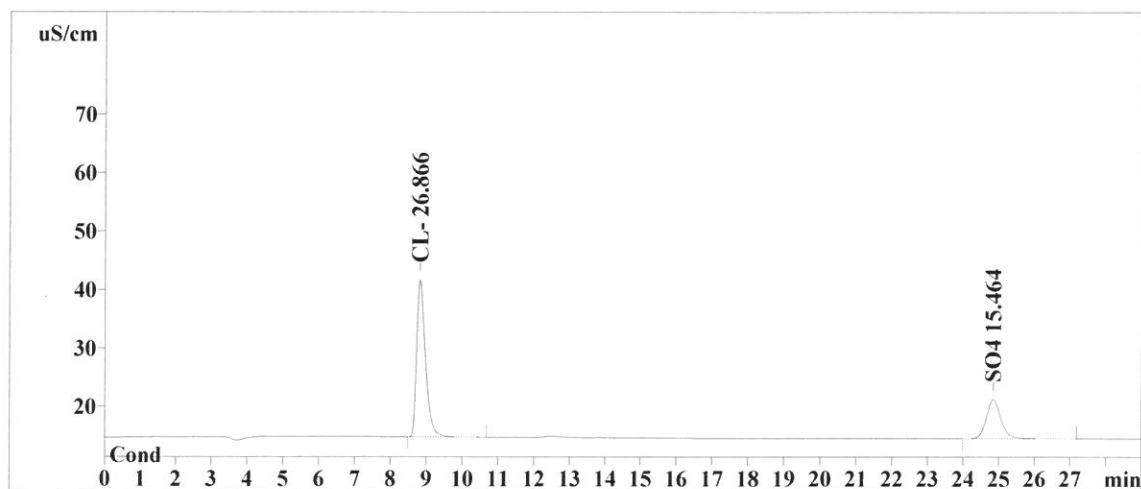
Ident: J3135-02DLX5
Analysis from: 5/25/2018 4:31:33 PM
File: _2018-05-25_

Last save: 5/30/2018 2:02:56 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62337

Last save: 5/15/2018 8:12:34 AM

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	8.82	0.246	26.82	80.04	448.137	70.07	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	24.85	0.425	6.69	19.96	191.440	29.93	0.
7	29.00	0.096	33.51	100.00	639.577	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 2:05:00 PM
Printed by: wet

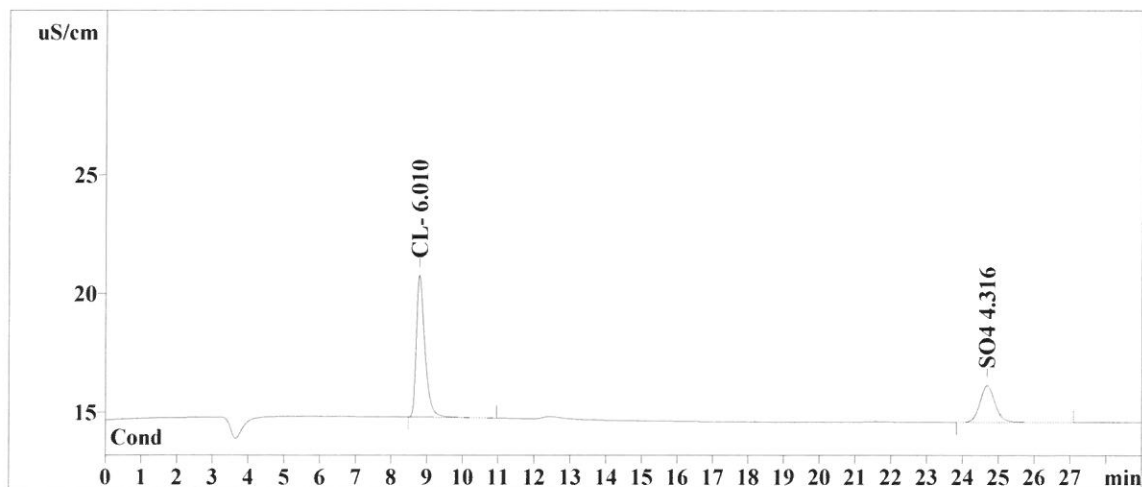
Ident: J3135-02DL2X20
Analysis from: 5/25/2018 5:03:27 PM
File: _2018-05-25_

Last save: 5/30/2018 2:04:40 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62338

Last save: 5/15/2018 8:12:34 AM

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	8.79	0.241	5.96	79.42	98.680	68.28	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	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	24.69	0.443	1.54	20.58	45.838	31.72	0.
7	29.00	0.098	7.51	100.00	144.518	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 2:06:28 PM
Printed by: wet

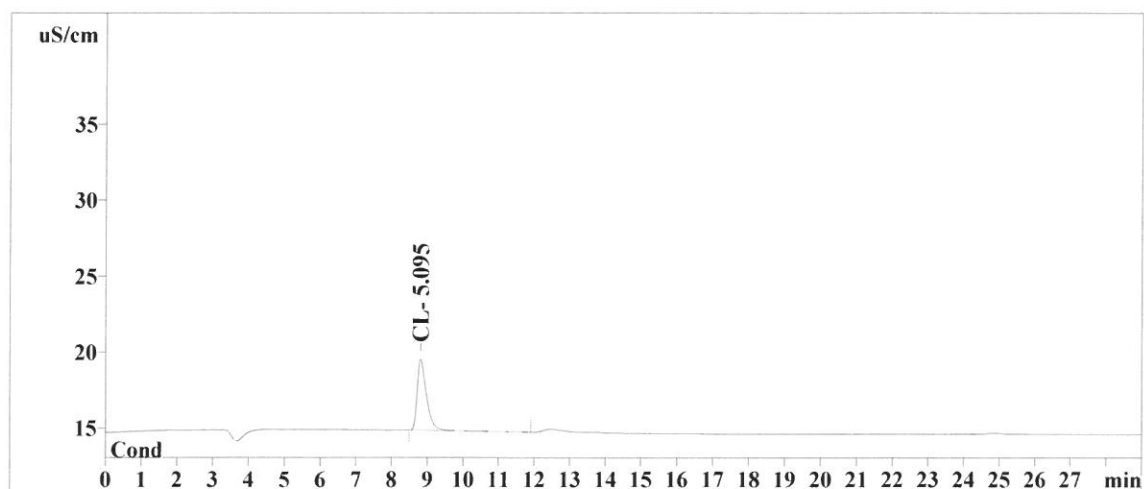
Ident: J3135-03DLX10
Analysis from: 5/25/2018 5:35:22 PM
File: _2018-05-25_

Last save: 5/30/2018 2:06:26 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62339

Last save: 5/15/2018 8:12:34 AM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.81	0.262	4.66	100.00	83.344	100.00	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	29.00	0.037	4.66	100.00	83.344	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 2:08:09 PM
Printed by: wet

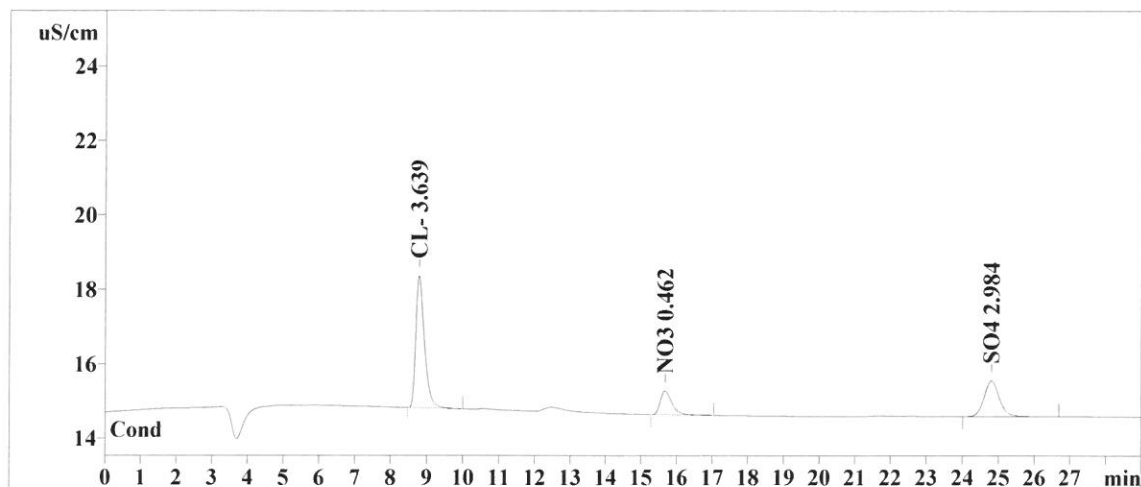
Ident: J3135-04DLX10
Analysis from: 5/25/2018 6:07:17 PM
File: _2018-05-25_

Last save: 5/30/2018 2:08:06 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62340

Last save: 5/15/2018 8:12:34 AM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.78	0.246	3.54	68.96	58.939	57.90	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	15.67	0.334	0.64	12.40	14.422	14.17	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.80	0.444	0.96	18.61	28.442	27.94	0.
7	29.00	0.146	5.14	99.97	101.803	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/30/2018 2:08:21 PM
Printed by: wet

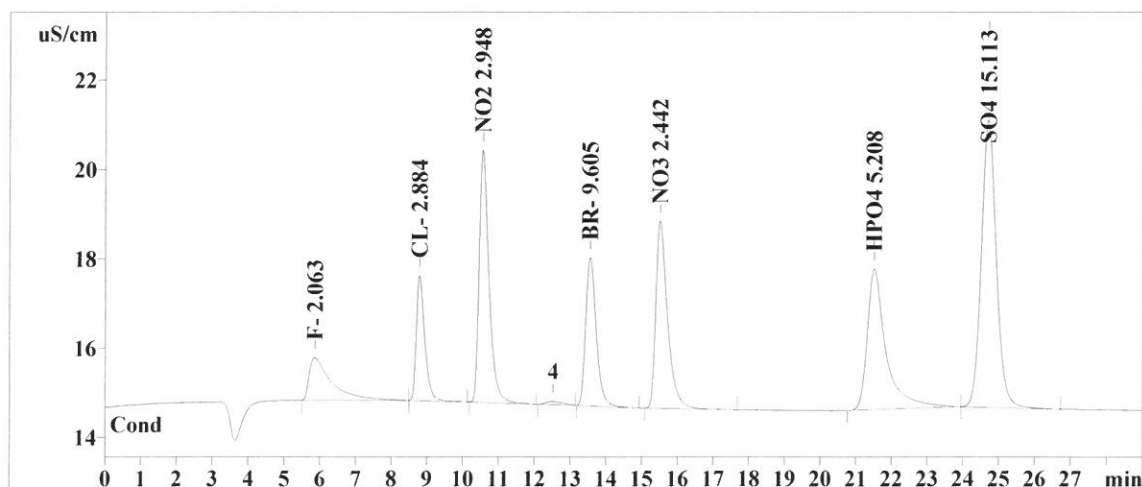
Ident: CCV
Analysis from: 5/25/2018 6:39:11 PM
File: _2018-05-25_

Last save: 5/25/2018 7:08:00 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62341

Last save: 5/15/2018 8:12:34 AM

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	5.86	0.581	0.95	3.58	42.152	6.35	0.
2	8.79	0.244	2.80	10.55	46.295	6.97	0.
3	10.56	0.278	5.65	21.26	107.323	16.16	0.
4	13.55	0.305	3.31	12.47	67.432	10.16	0.
5	15.50	0.332	4.19	15.77	95.451	14.38	0.
6	21.51	0.482	3.15	11.85	116.142	17.49	0.
7	24.70	0.435	6.44	24.22	186.858	28.14	0.
7	29.00	0.379	26.50	99.72	661.653	99.66	0.

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Report date: 5/30/2018 2:08:37 PM
Printed by: wet

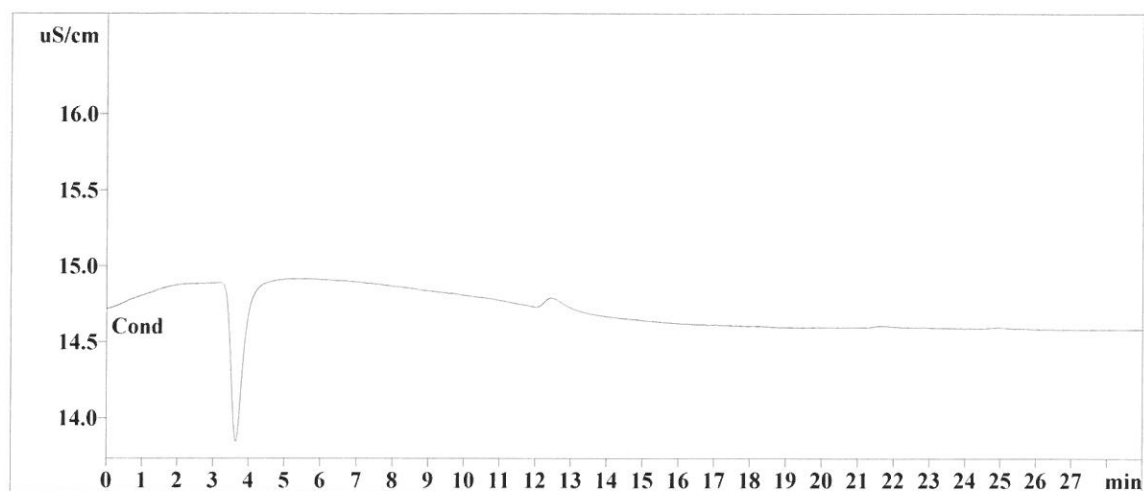
Ident: CCB
Analysis from: 5/25/2018 7:11:06 PM
File: _2018-05-25_

Last save: 5/30/2018 2:08:36 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62342

Last save: 5/15/2018 8:12:34 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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