

Clear table

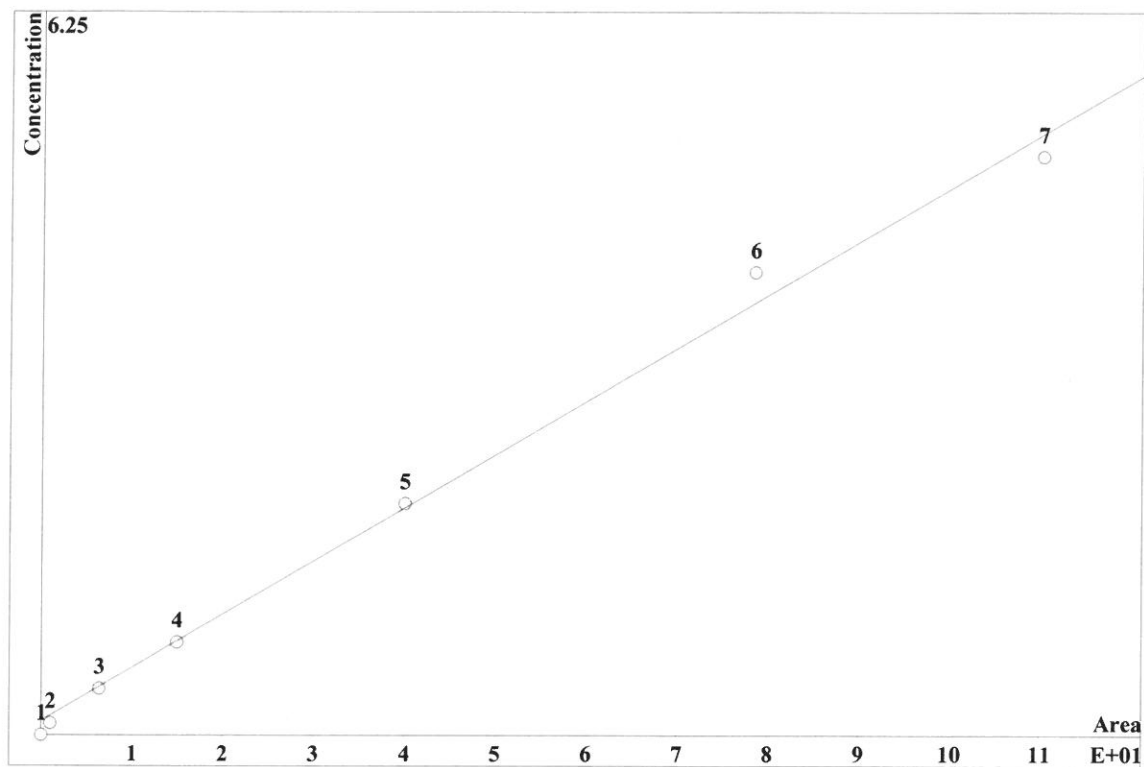
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-14_	5/14/18 16:03
STD2	0.1020	0.2130	0.2250	0.7310	0.1770	0.1340	1.1920	2018-05-14_	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	1.9930	2.9060	2.9500	9.8900	2.5060	4.8960	14.8420	2018-05-31_	5/31/18 10:04
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-31_	5/31/18 10:35
LB95756BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-31_	5/31/18 11:06
LB95756BSW	1.9490	2.8170	2.8310	9.3110	2.3720	5.2380	14.7360	2018-05-31_	5/31/18 11:37
J3231-01	0.0000	4014.5660	0.0000	4.9480	0.7250	0.0000	426.9300	2018-05-31_	5/31/18 12:18
J3231-02	0.0000	16686.0780	0.0000	43.2800	0.0000	0.0000	2117.9340	2018-05-31_	5/31/18 12:49
J3231-03	0.0000	13995.1970	0.0000	35.1160	0.0000	0.0000	1555.0160	2018-05-31_	5/31/18 13:20
J3231-04	0.0000	1621.4580	0.0000	0.8880	0.0000	0.0000	1.4820	2018-05-31_	5/31/18 14:24
J3231-05	0.0000	13330.7470	0.0000	32.4400	0.0000	0.0000	1577.5620	2018-05-31_	5/31/18 14:55
J3231-06	0.0000	384.4150	0.0000	0.9030	0.0000	0.0000	15.6740	2018-05-31_	5/31/18 15:26
J3231-07	0.0000	157.2750	0.0000	0.0000	1.4420	0.0000	12.1270	2018-05-31_	5/31/18 15:56
CCV	1.9620	2.9460	2.9690	9.6290	2.4260	5.4270	14.6450	2018-05-31_	5/31/18 16:27
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-31_	5/31/18 16:58
CCV	1.4740	2.8240	2.9120	9.5380	2.4360	4.6600	13.6090	2018-06-01_	6/1/18 9:45
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-01_	6/1/18 10:18
J3231-08	0.0000	4463.4790	0.0000	8.2240	0.0000	0.0000	131.0460	2018-06-01_	6/1/18 10:48
J3231-09	6.4840	214.3880	0.0000	0.0000	6.5670	0.0000	70.4270	2018-06-01_	6/1/18 11:19
J3231-10	0.0000	144.4740	0.0000	0.0000	0.8960	0.0000	291.6250	2018-06-01_	6/1/18 11:50
J3231-10DUP	0.0000	145.1160	0.0000	0.0000	0.8890	0.0000	292.4840	2018-06-01_	6/1/18 12:21
J3231-10MS	2.0850	133.3220	2.9060	9.7800	3.2230	6.5380	276.9190	2018-06-01_	6/1/18 12:52
J3231-10MSD	2.1420	134.1790	2.8900	9.6510	3.2270	6.7490	281.9200	2018-06-01_	6/1/18 13:23

CCV	1.7770	2.9500	3.0160	9.7220	2.4410	5.2020	14.3000	2018-06-01	6/1/18 13:54
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-01	6/1/18 14:25
LB95756BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-01	6/1/18 14:56
LB95756BSW2	1.8990	2.8480	2.9510	9.5910	2.4070	5.4120	14.8570	2018-06-01	6/1/18 15:27
J3231-01DLX20	0.0000	183.4170	0.0000	0.0000	0.0000	0.0000	15.9480	2018-06-01	6/1/18 15:58
J3231-02DLX100	0.0000	163.7190	0.0000	0.0000	0.0000	0.0000	15.7720	2018-06-01	6/1/18 16:28
J3231-03DLX50	0.0000	278.7600	0.0000	0.0000	0.0000	0.0000	23.6570	2018-06-01	6/1/18 16:59
J3231-05DLX50	0.0000	263.0140	0.0000	0.0000	0.0000	0.0000	25.0860	2018-06-01	6/1/18 17:30
J3231-08DLX5	0.0000	900.8060	0.0000	1.8390	0.0000	0.0000	22.9390	2018-06-01	6/1/18 18:01
J3231-09DLX2	1.4610	103.9180	0.0000	1.4520	2.9990	0.0000	32.0850	2018-06-01	6/1/18 18:32
J3231-10DLX10	0.0000	10.7160	0.0000	0.0000	0.1840	0.0000	22.7120	2018-06-01	6/1/18 19:03
CCV	1.7650	2.9740	2.9950	9.8060	2.4440	5.2570	14.6570	2018-06-01	6/1/18 19:34
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-01	6/1/18 20:05

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

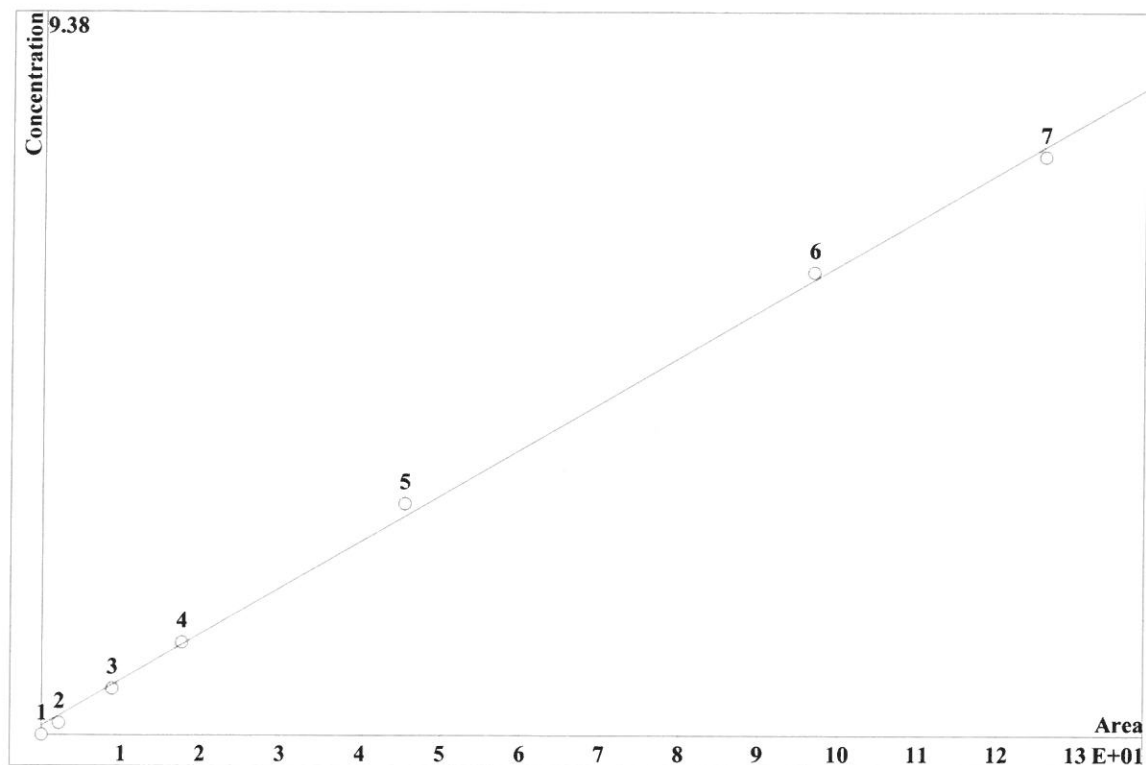


K3 = 0 K2 = 0 K1 = 0.920109 K0 = 2.48297
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

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:

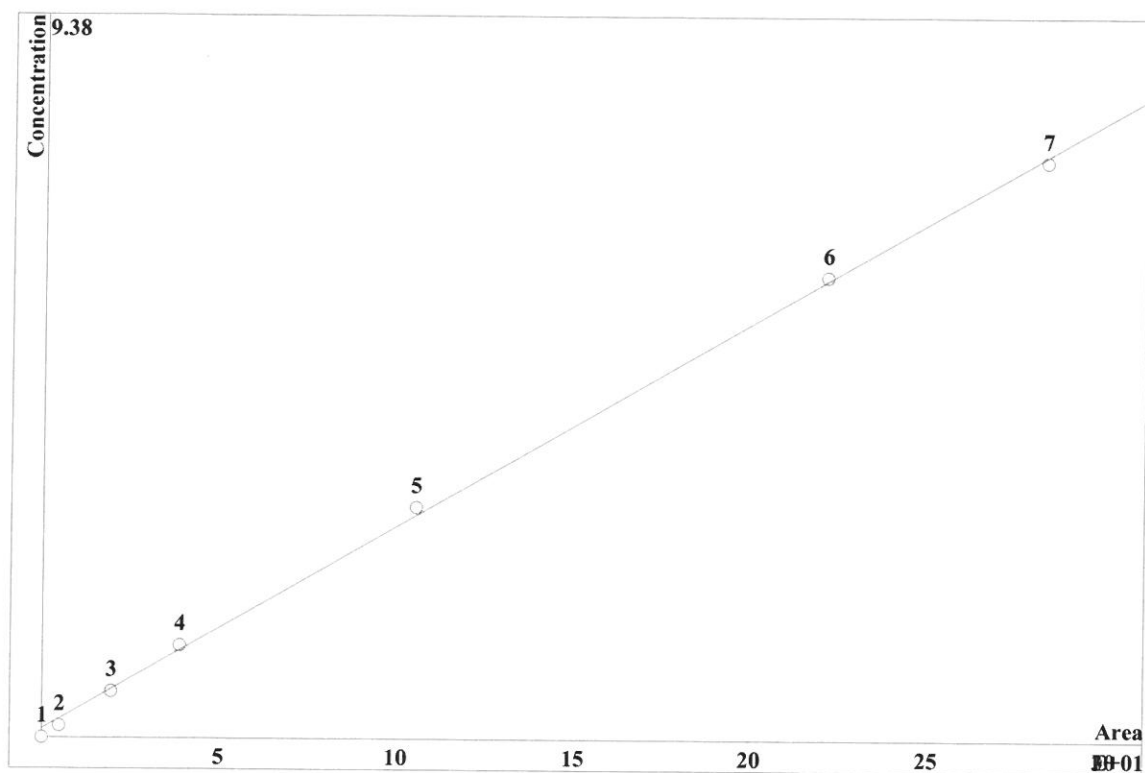
Formula: Linear

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:

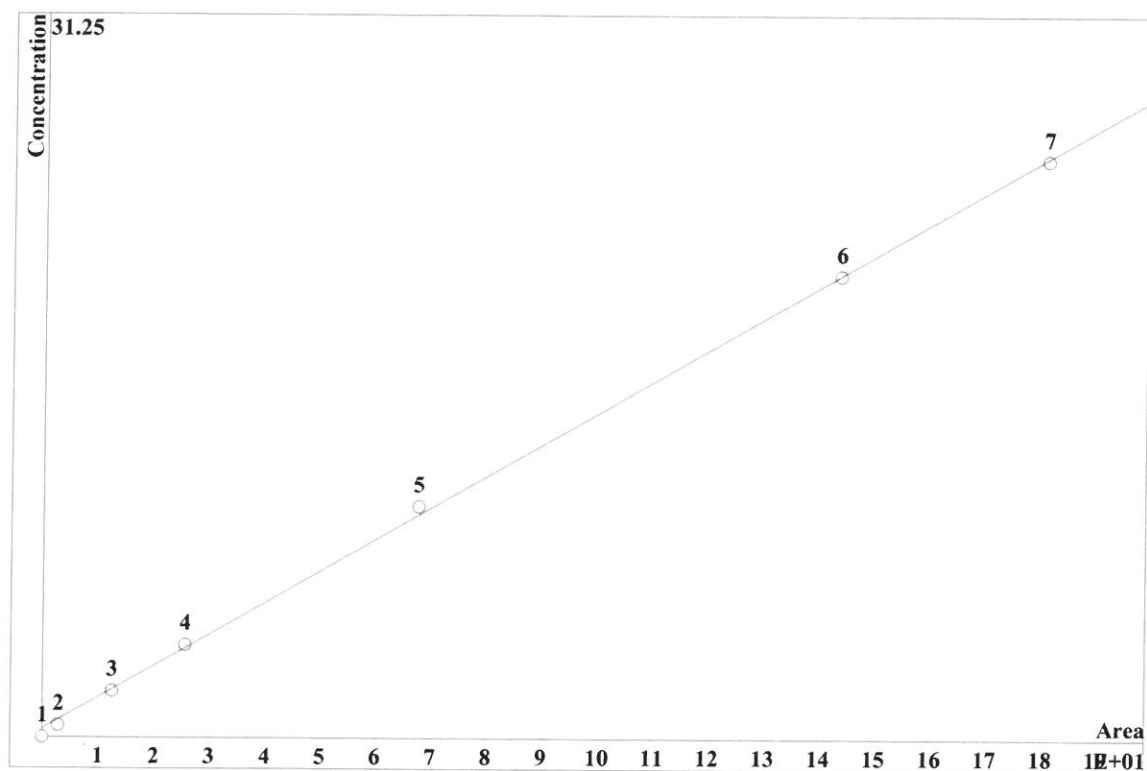
Formula: Linear

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:

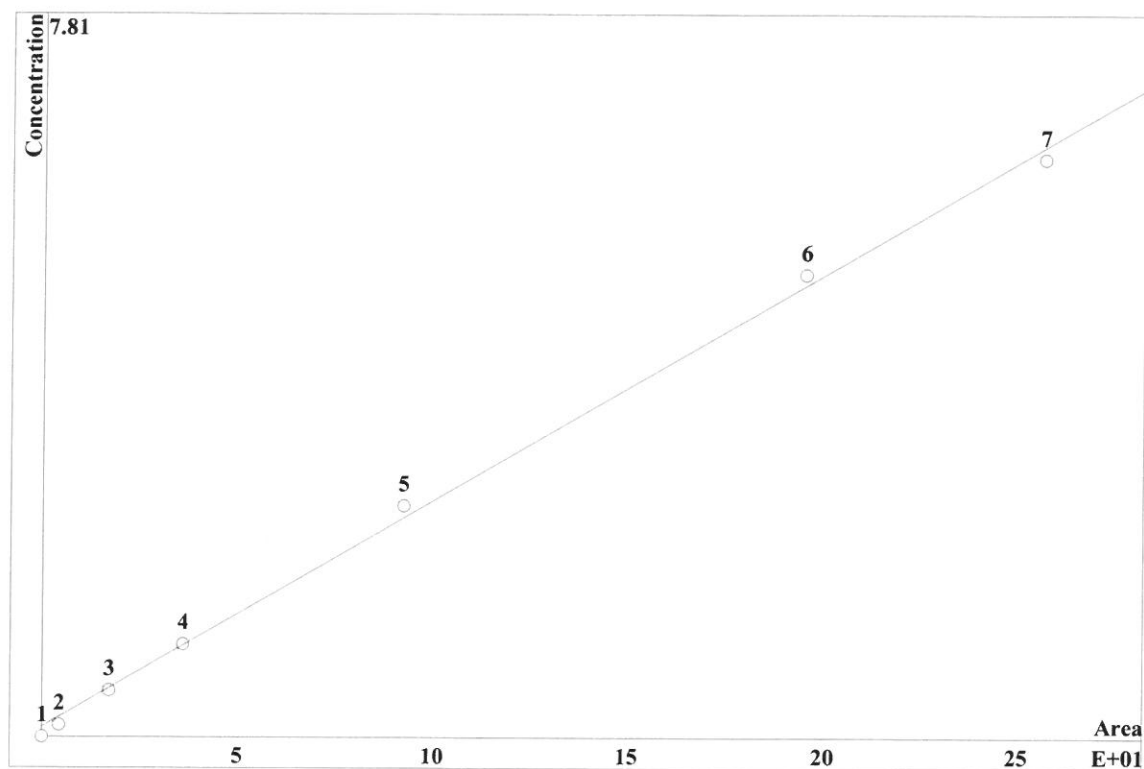
Formula: Linear

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:

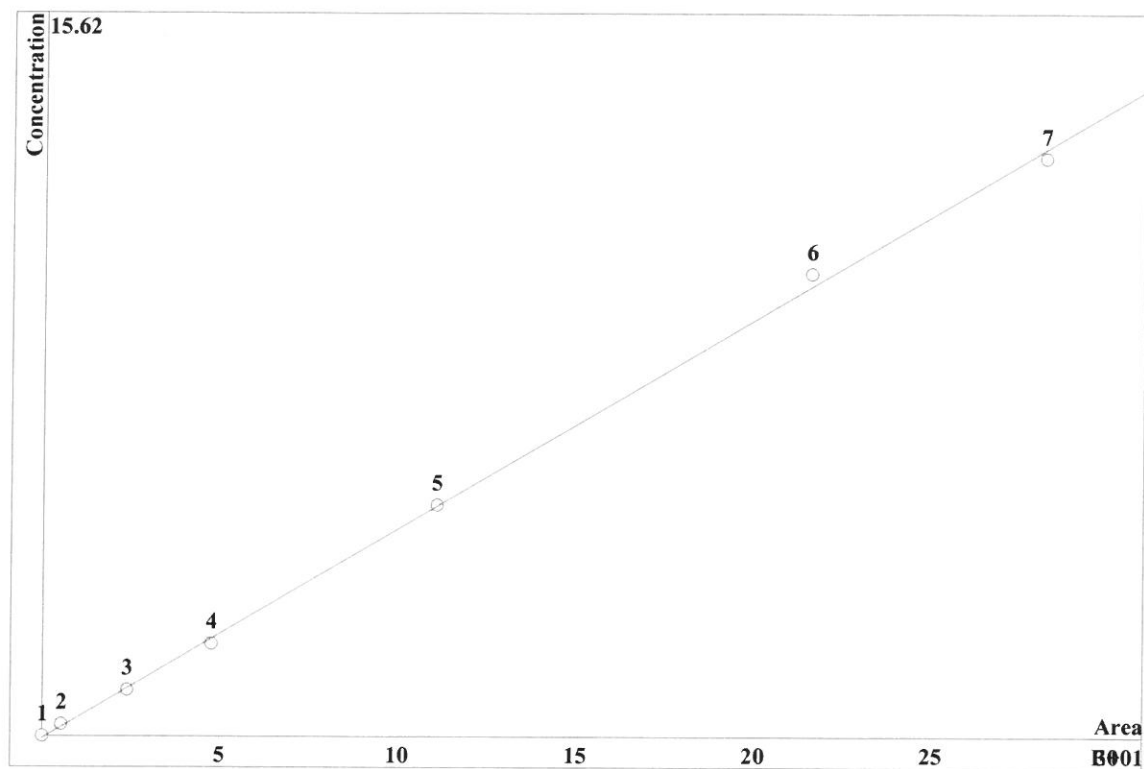
Formula: Linear

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:

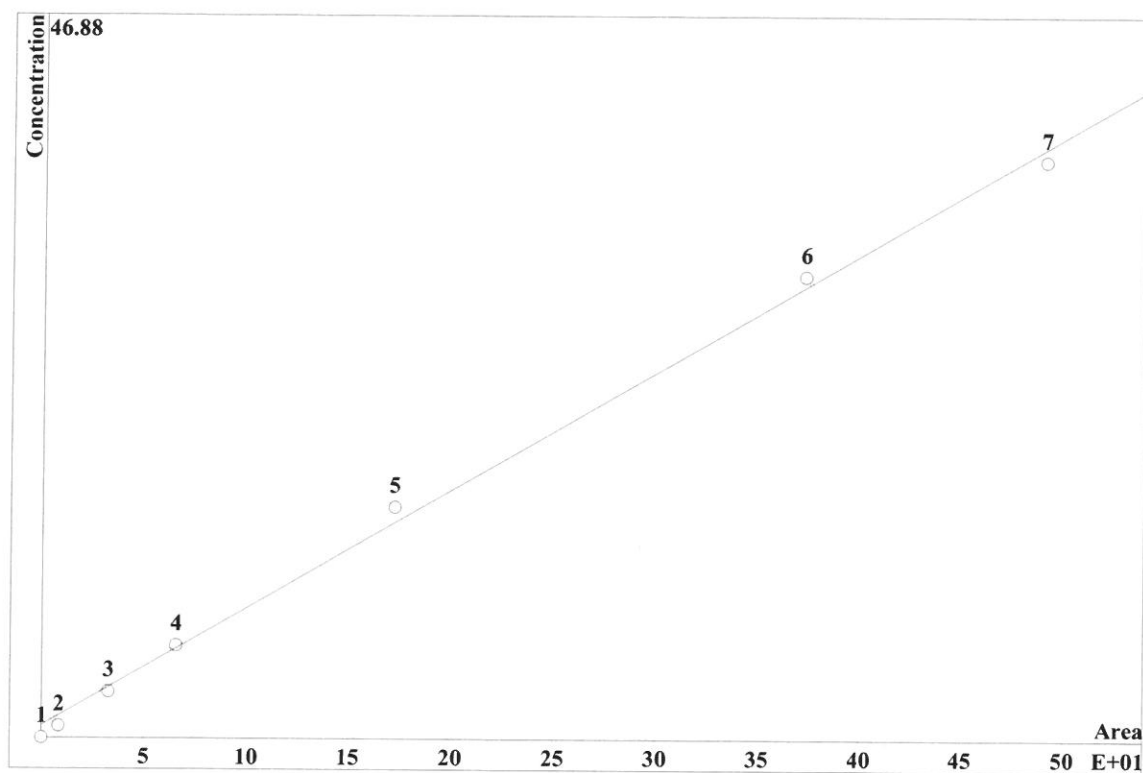
Formula: Linear

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

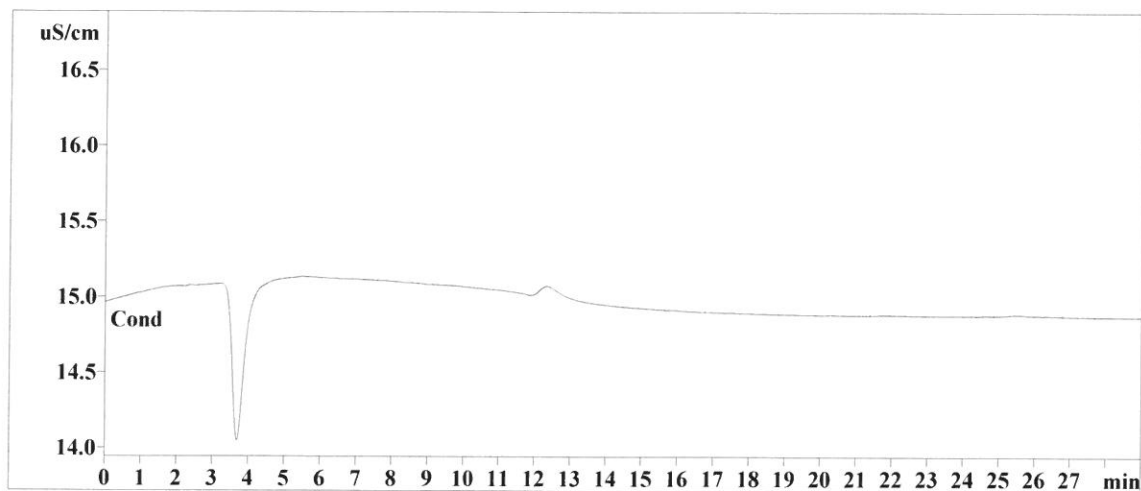
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Analysis from: 5/14/2018 4:03:39 PM
File: _2018-05-14_

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_

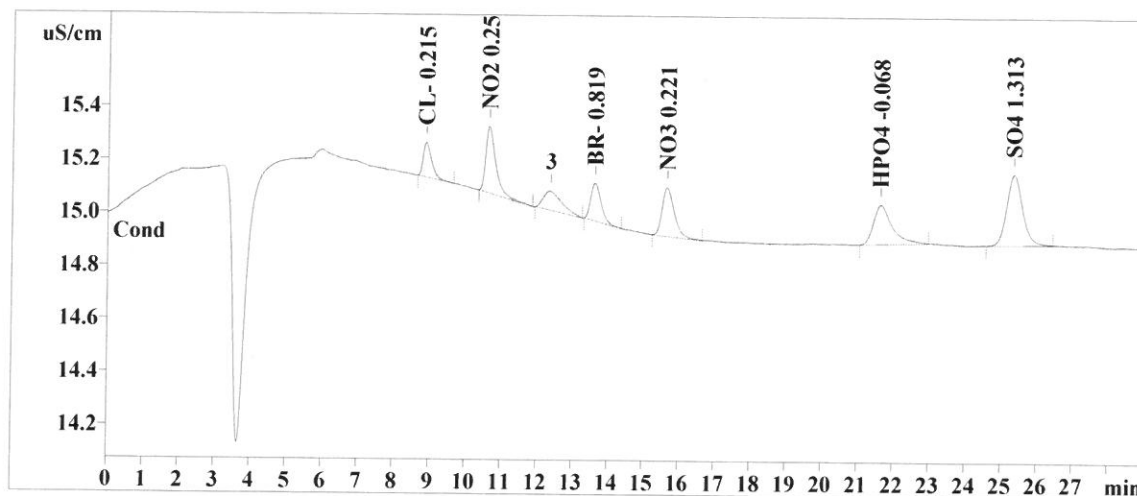
Last save: 5/14/2018 5:04:22 PM

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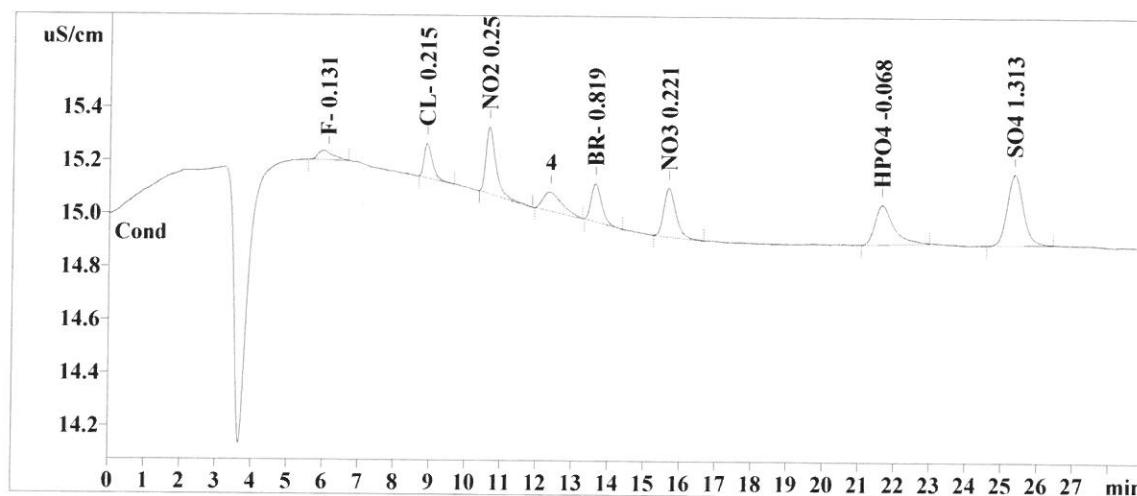
Report date: 5/15/2018 8:05:14 AM
Printed by: wet

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

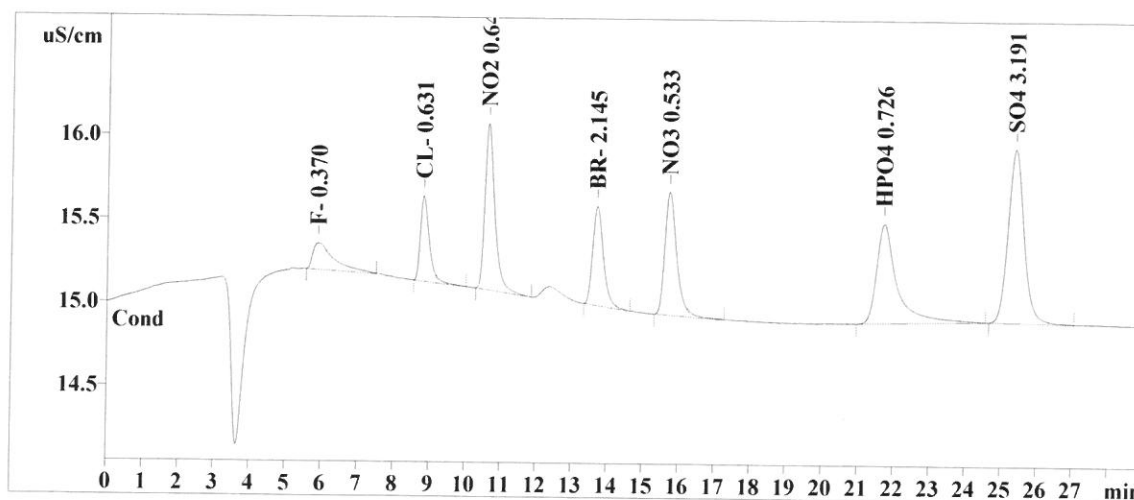
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Analysis from: 5/14/2018 5:07:27 PM
File: _2018-05-14_

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.

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Report date: 5/15/2018 8:05:45 AM
Printed by: wet

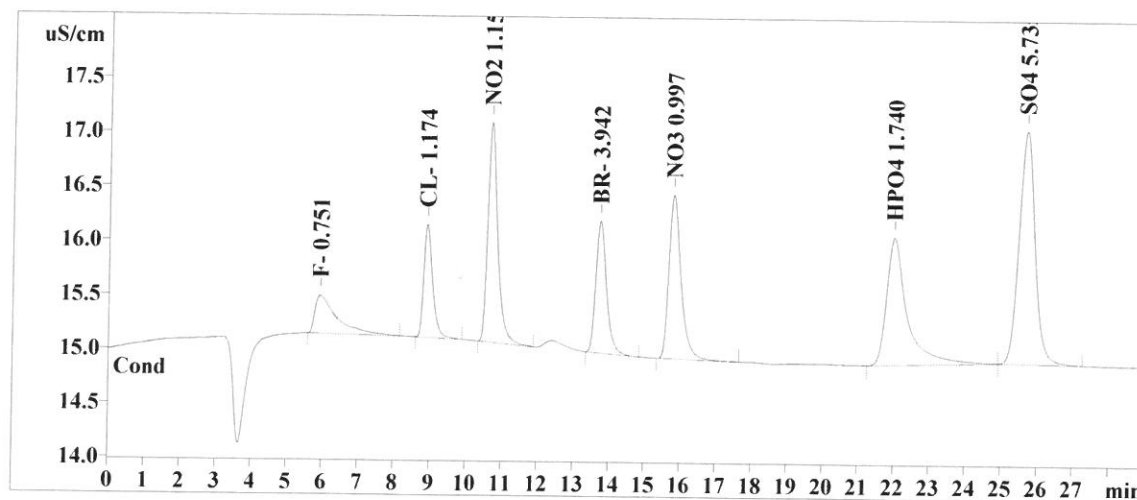
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Analysis from: 5/14/2018 5:39:22 PM
File: _2018-05-14_

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

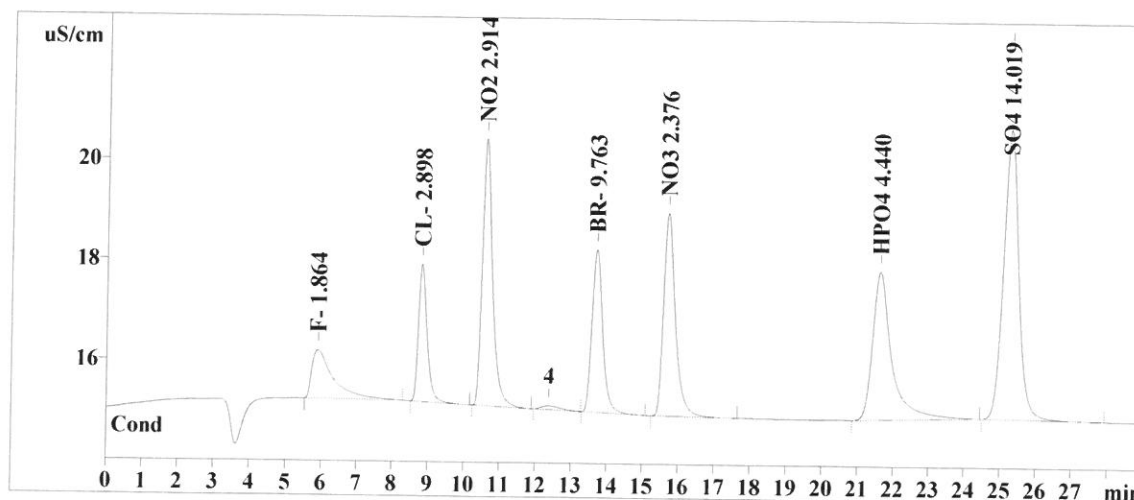
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Analysis from: 5/14/2018 6:11:17 PM
File: _2018-05-14_

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

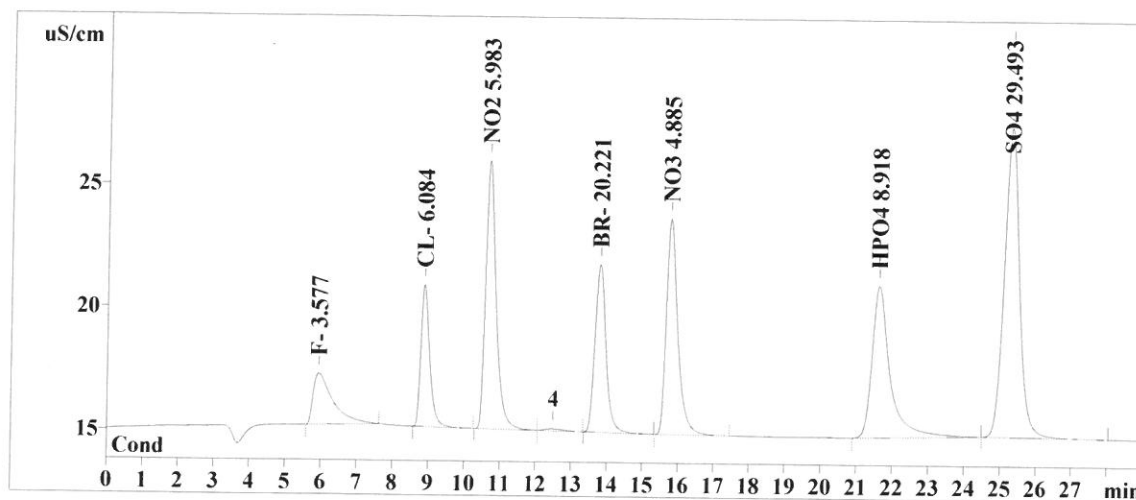
Ident: STD6
Analysis from: 5/14/2018 6:43:11 PM
File: _2018-05-14_

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

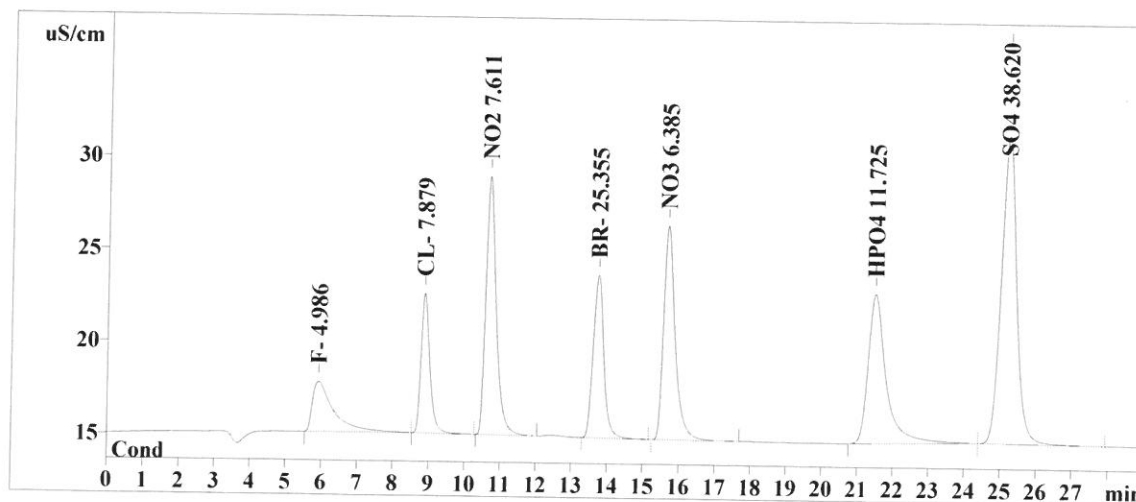
Ident: STD7
Analysis from: 5/14/2018 7:15:06 PM
File: _2018-05-14_

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

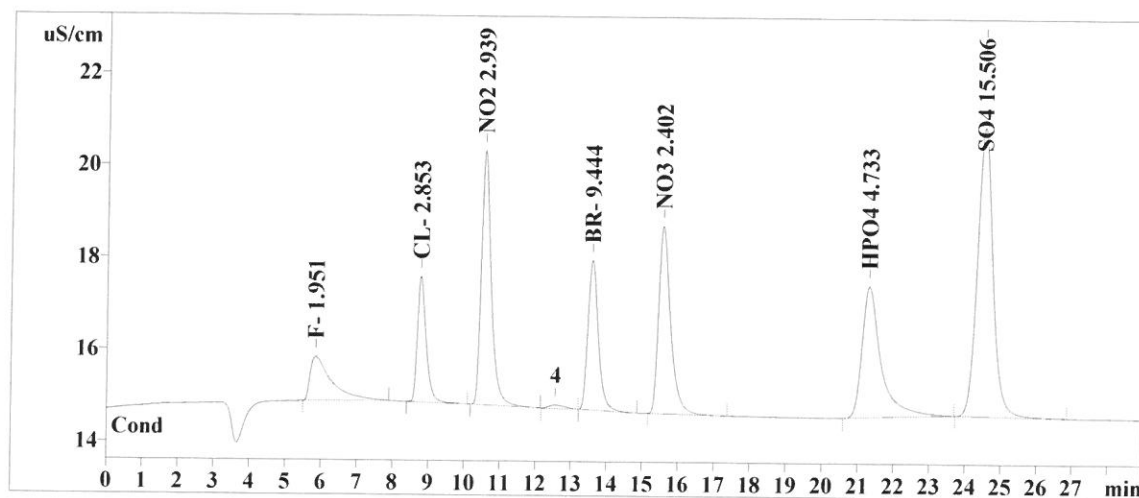
Ident: ICV
Analysis from: 5/15/2018 9:48:51 AM
File: _2018-05-15_

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

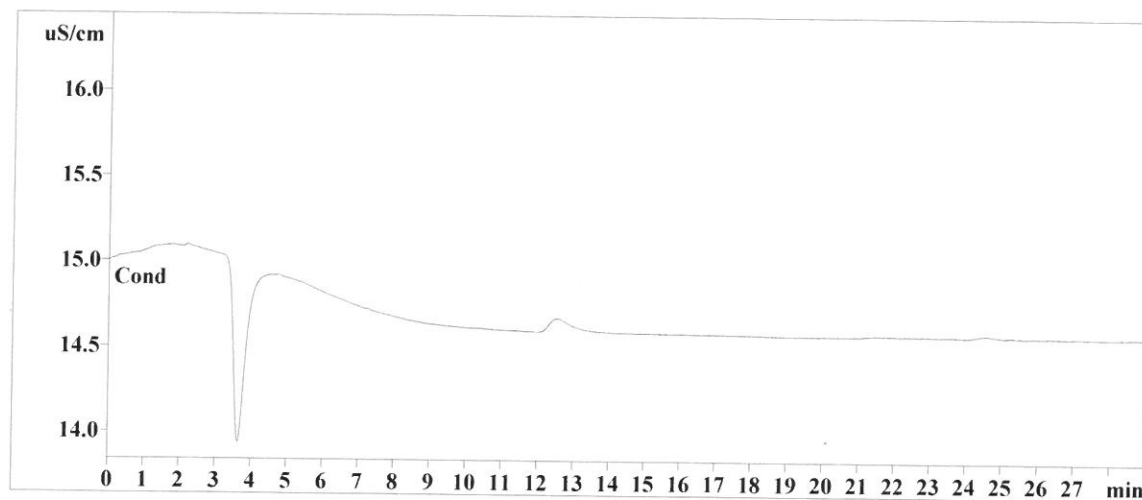
Ident: ICB
Analysis from: 5/15/2018 10:20:45 AM
File: _2018-05-15_

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: 6/1/2018 10:36:50 AM
Printed by: wet

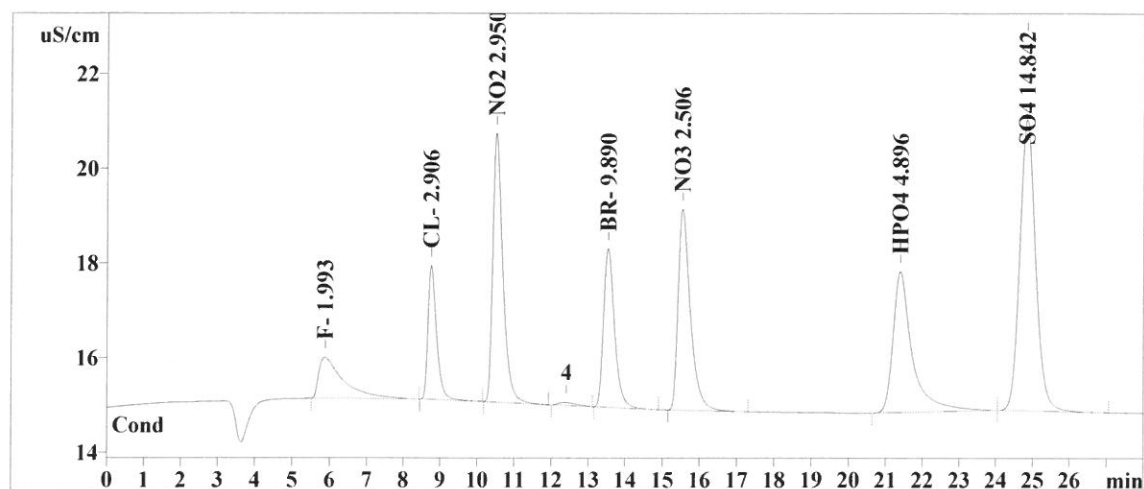
Ident: CCV
Analysis from: 5/31/2018 10:04:11 AM
File: _2018-05-31_

Last save: 5/31/2018 10:32:00 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62399

Last save: 5/30/2018 5:51:38 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	5.87	0.632	0.87	3.32	40.613	6.18	0.
2	8.75	0.243	2.83	10.81	46.669	7.10	0.
3	10.51	0.278	5.68	21.72	107.409	16.35	0.
4	13.53	0.312	3.34	12.78	69.514	10.58	0.
5	15.53	0.339	4.24	16.22	98.077	14.93	0.
6	21.39	0.482	2.97	11.37	109.239	16.63	0.
7	24.84	0.446	6.15	23.51	183.322	27.90	0.
7	28.00	0.390	26.07	99.74	654.844	99.67	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 10:37:06 AM
Printed by: wet

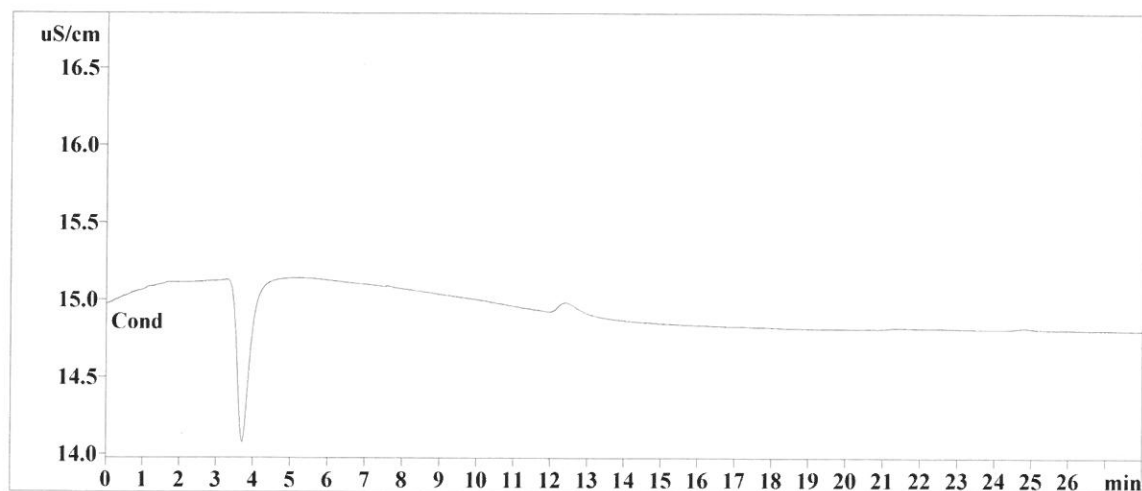
Ident: CCB
Analysis from: 5/31/2018 10:35:47 AM
File: _2018-05-31_

Last save: 6/1/2018 10:37:06 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62400

Last save: 5/30/2018 5:51:38 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: 6/1/2018 10:37:20 AM
Printed by: wet

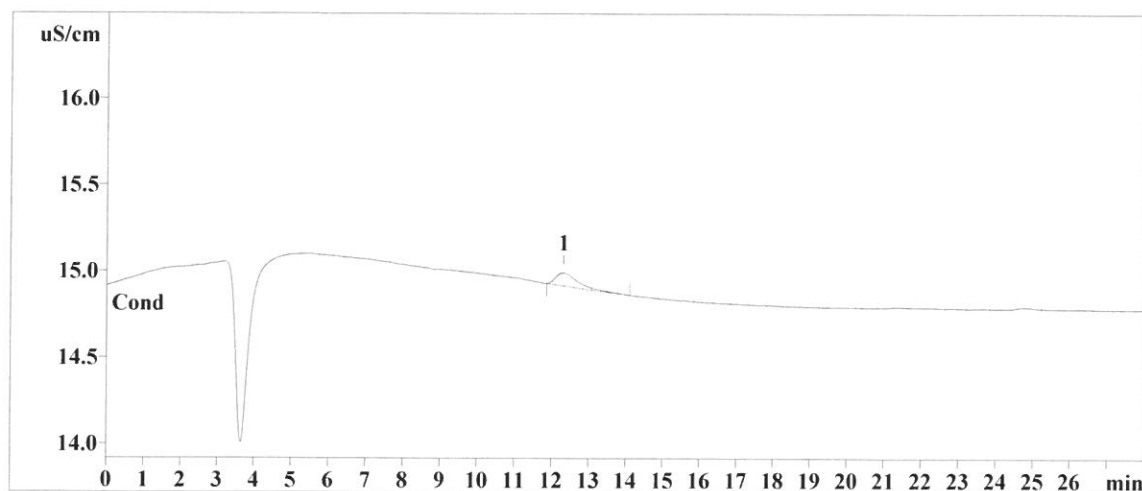
Ident: LB95756BLW
Analysis from: 5/31/2018 11:06:42 AM
File: _2018-05-31_

Last save: 6/1/2018 10:36:38 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62401

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.02g
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	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	28.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 10:37:28 AM
 Printed by: wet

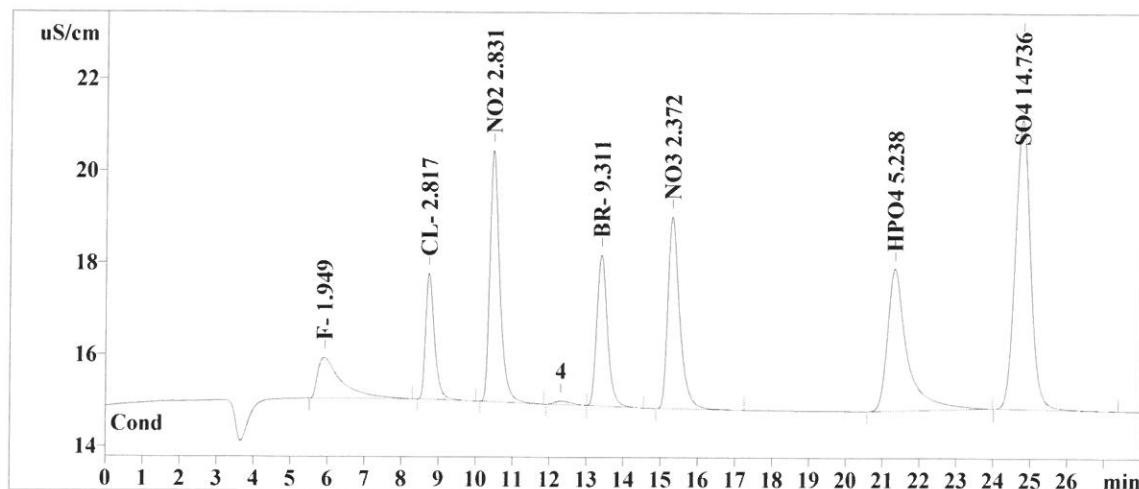
Ident: LB95756BSW
 Analysis from: 5/31/2018 11:37:37 AM
 File: _2018-05-31_

Last save: 6/1/2018 10:36:38 AM

Method: ANIONS 05-14-18.mtw
 Run operator: wet
 Analysis number: 62402

Last save: 5/30/2018 5:51:38 PM

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	5.91	0.602	0.89	3.40	39.667	6.13	0.
2	8.73	0.244	2.74	10.52	45.163	6.98	0.
3	10.46	0.277	5.47	21.02	102.894	15.91	0.
4	13.39	0.300	3.28	12.61	65.290	10.09	0.
5	15.29	0.325	4.17	16.04	92.568	14.31	0.
6	21.32	0.489	3.09	11.89	116.787	18.06	0.
7	24.76	0.433	6.30	24.21	181.931	28.13	0.
7	28.00	0.381	25.93	99.68	644.300	99.61	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/1/2018 10:38:43 AM
Printed by: wet

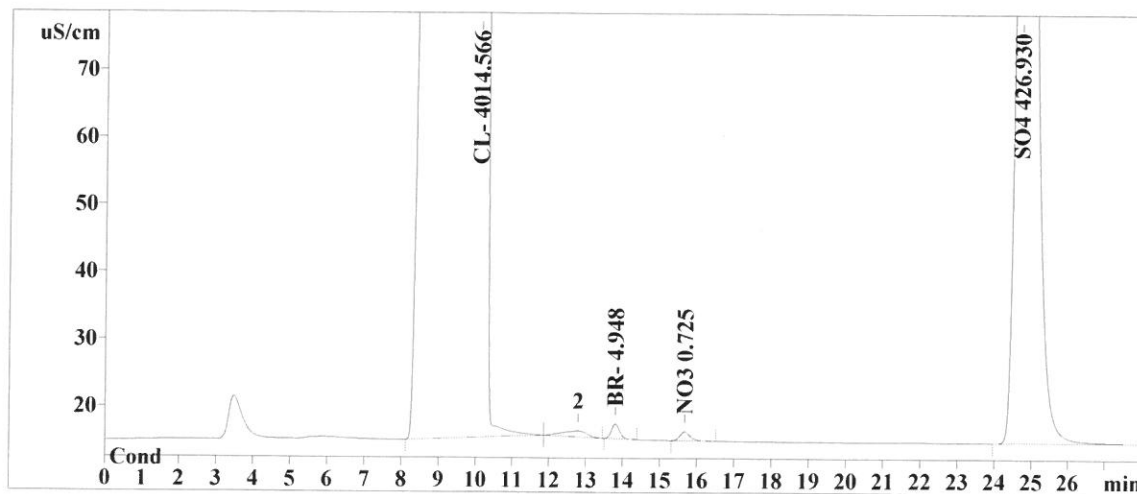
Ident: J3231-01
Analysis from: 5/31/2018 12:18:56 PM
File: _2018-05-31_

Last save: 6/1/2018 10:38:42 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62404

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 57
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	10.09	1.347	898.26	83.27	67267.185	92.23	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.80	0.237	2.17	0.20	33.428	0.05	0.
5	15.67	0.288	1.32	0.12	25.191	0.03	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.69	0.484	175.98	16.31	5565.578	7.63	0.
7	28.00	0.337	1077.72	99.90	72891.382	99.94	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 10:45:07 AM
Printed by: wet

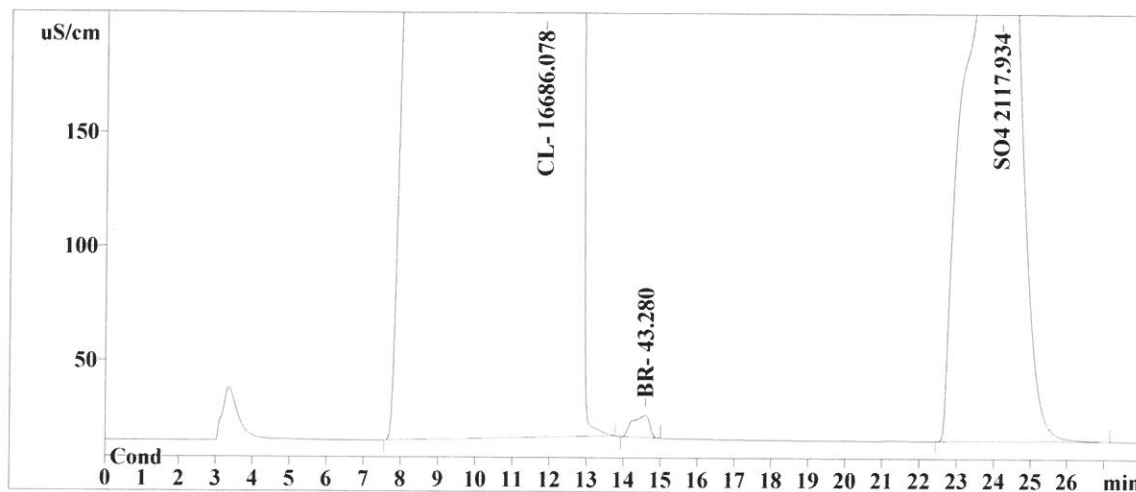
Ident: J3231-02
Analysis from: 5/31/2018 12:49:51 PM
File: _2018-05-31_

Last save: 6/1/2018 10:45:08 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62405

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 58
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	11.86	3.978	1323.49	79.38	279594.686	90.91	0.
4	14.59	0.586	9.67	0.58	313.325	0.10	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.16	1.416	334.17	20.04	27651.716	8.99	0.
7	28.00	0.854	1667.33	100.00	307559.728	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 10:49:08 AM
Printed by: wet

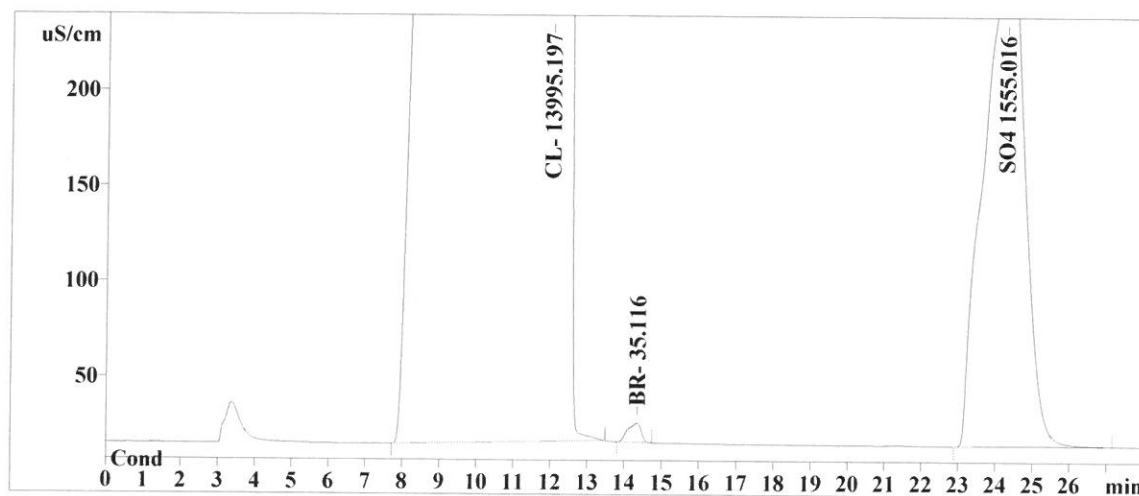
Ident: J3231-03
Analysis from: 5/31/2018 1:20:46 PM
File: _2018-05-31_

Last save: 6/1/2018 10:49:10 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62406

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 59
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	12.01	3.481	1306.31	80.97	234505.512	91.94	0.
4	14.35	0.440	10.05	0.62	253.713	0.10	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.26	1.083	296.87	18.40	20299.460	7.96	0.
7	28.00	0.715	1613.22	100.00	255058.685	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 11:58:19 AM
Printed by: wet

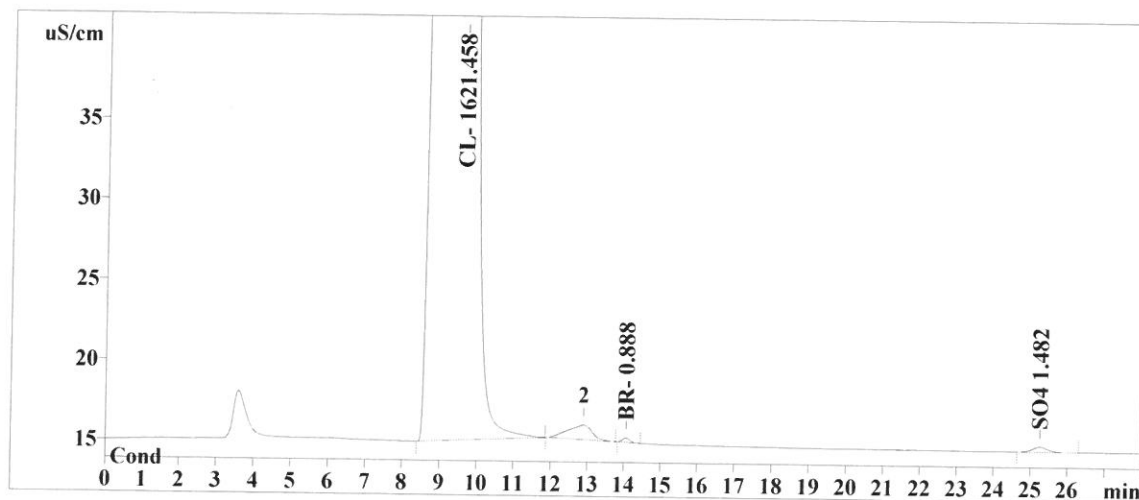
Ident: J3231-04
Analysis from: 5/31/2018 2:24:10 PM
File: _2018-05-31_

Last save: 6/1/2018 11:58:20 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62408

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 60
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	9.63	0.748	621.11	99.75	27167.588	99.80	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.06	0.218	0.27	0.04	3.784	0.01	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	25.26	0.431	0.31	0.05	8.825	0.03	0.
7	28.00	0.200	621.69	99.84	27180.197	99.84	0.

This report has been created by IC Net
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Report date: 6/1/2018 12:05:01 PM
Printed by: wet

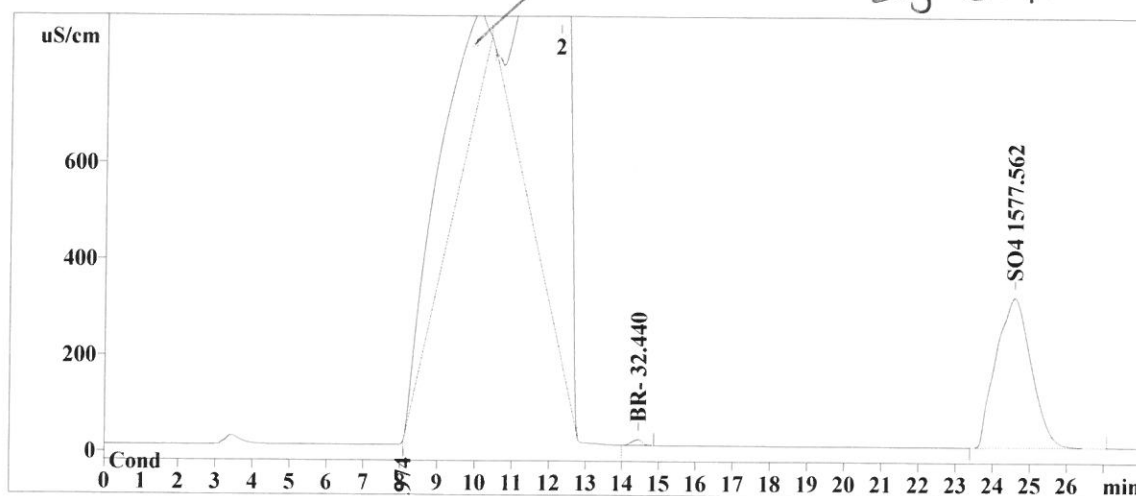
Ident: J3231-05
Analysis from: 5/31/2018 2:55:05 PM
File: _2018-05-31_

Last save: 6/1/2018 12:05:02 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62409

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
AK/AP
Vial number: 61
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	8.09	2.241	-0.18	-0.01	25014.669	20.38	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.44	0.325	11.74	0.83	234.175	0.19	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	24.57	1.076	310.93	22.02	20593.931	16.78	0.
7	28.00	0.520	322.85	22.86	45842.775	37.35	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 12:05:34 PM
Printed by: wet

Ident: J3231-05
Analysis from: 5/31/2018 2:55:05 PM
File: 2018-05-31_
Modified! Manual peaks!
Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62409

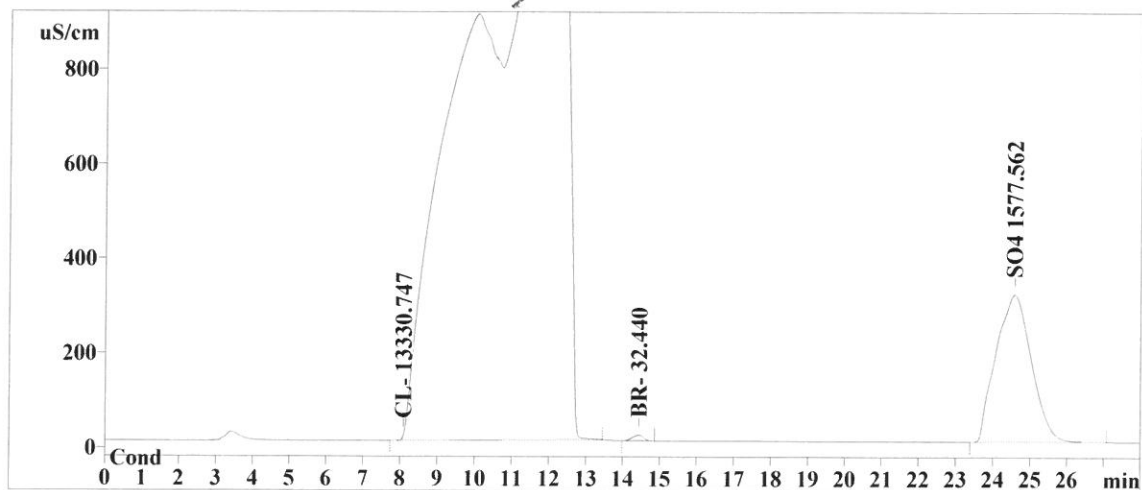
Last save: 6/1/2018 12:05:02 PM

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
AK/AP
Vial number: 61
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

After

AK
6-1-18



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	8.09	4.764	10.11	3.04	223371.781	91.47	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.44	0.325	11.74	3.53	234.175	0.10	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.57	1.076	310.93	93.43	20593.931	8.43	0.
7	28.00	0.881	332.78	100.00	244199.887	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 12:08:58 PM
Printed by: wet

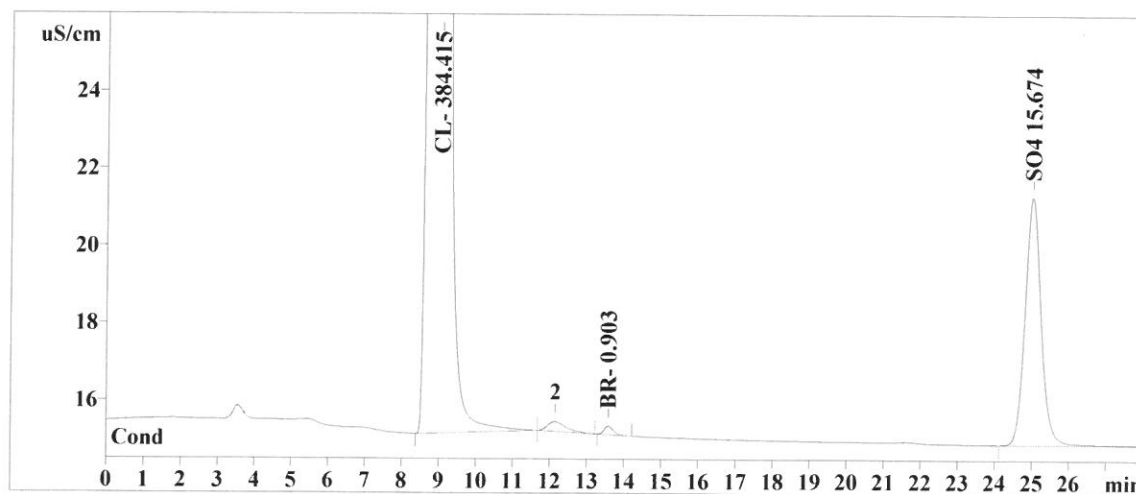
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Analysis from: 5/31/2018 3:26:01 PM
File: _2018-05-31_

Last save: 6/1/2018 12:08:58 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62410

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 62
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	9.05	0.331	312.77	97.83	6439.334	96.89	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.58	0.266	0.22	0.07	3.894	0.06	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	25.00	0.451	6.41	2.00	194.185	2.92	0.
7	28.00	0.150	319.40	99.90	6637.413	99.87	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 12:09:49 PM
Printed by: wet

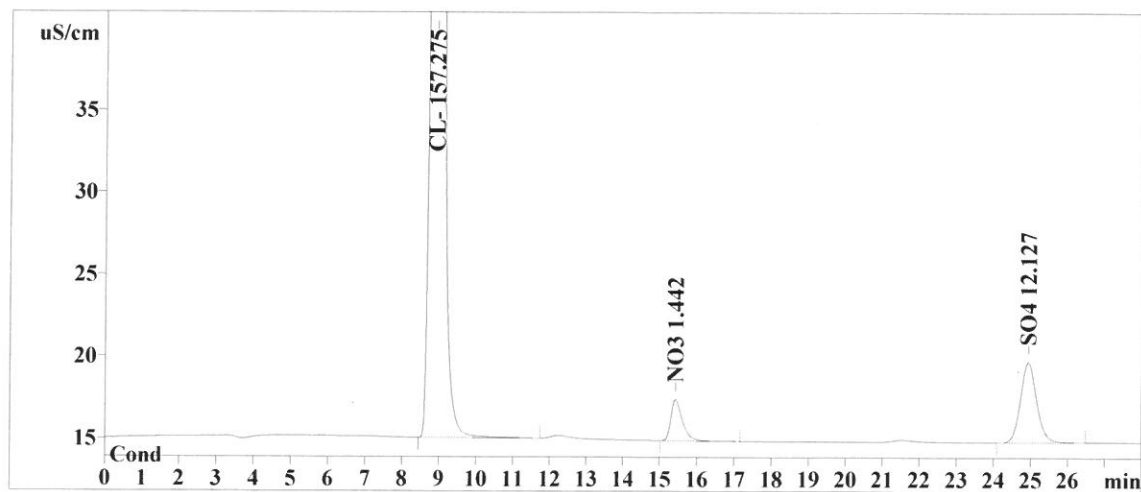
Ident: J3231-07
Analysis from: 5/31/2018 3:56:56 PM
File: _2018-05-31_

Last save: 6/1/2018 12:09:50 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62411

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 63
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	8.91	0.259	154.63	95.43	2633.311	92.86	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	15.41	0.320	2.51	1.55	54.507	1.92	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.93	0.455	4.89	3.02	147.861	5.21	0.
7	28.00	0.148	162.03	100.00	2835.679	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 12:10:06 PM
Printed by: wet

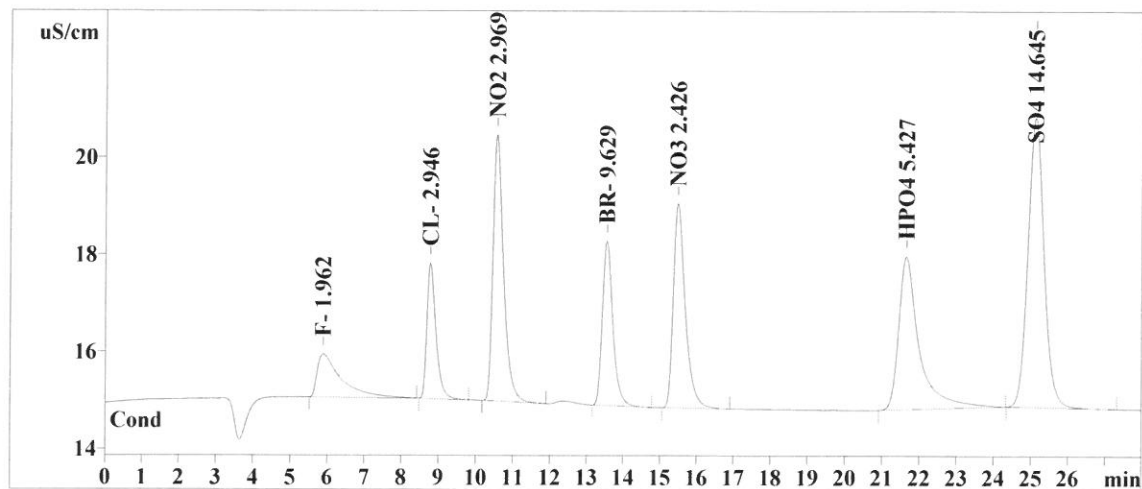
Ident: CCV
Analysis from: 5/31/2018 4:27:51 PM
File: _2018-05-31_

Last save: 5/31/2018 4:55:40 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62412

Last save: 5/30/2018 5:51:38 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	5.89	0.609	0.89	3.43	39.939	6.06	0.
2	8.78	0.251	2.78	10.77	47.337	7.18	0.
3	10.56	0.291	5.48	21.21	108.113	16.39	0.
4	13.54	0.297	3.38	13.08	67.611	10.25	0.
5	15.48	0.330	4.20	16.28	94.808	14.38	0.
6	21.64	0.500	3.14	12.15	120.967	18.34	0.
7	25.11	0.457	5.96	23.06	180.737	27.40	0.
7	28.00	0.391	25.83	99.99	659.512	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 12:10:22 PM
Printed by: wet

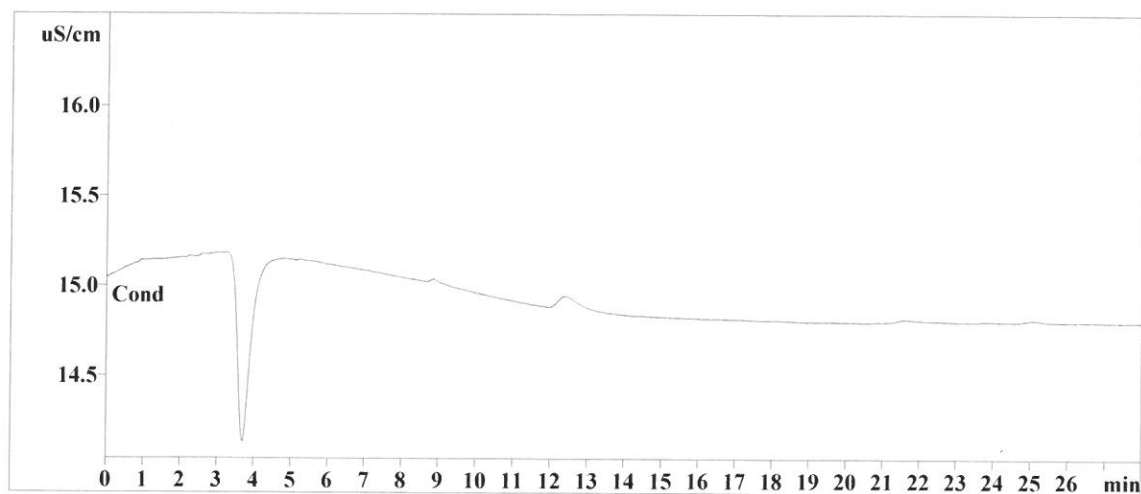
Ident: CCB
Analysis from: 5/31/2018 4:58:46 PM
File: _2018-05-31_

Last save: 6/1/2018 12:10:22 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62413

Last save: 5/30/2018 5:51:38 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: 6/1/2018 12:10:36 PM
Printed by: wet

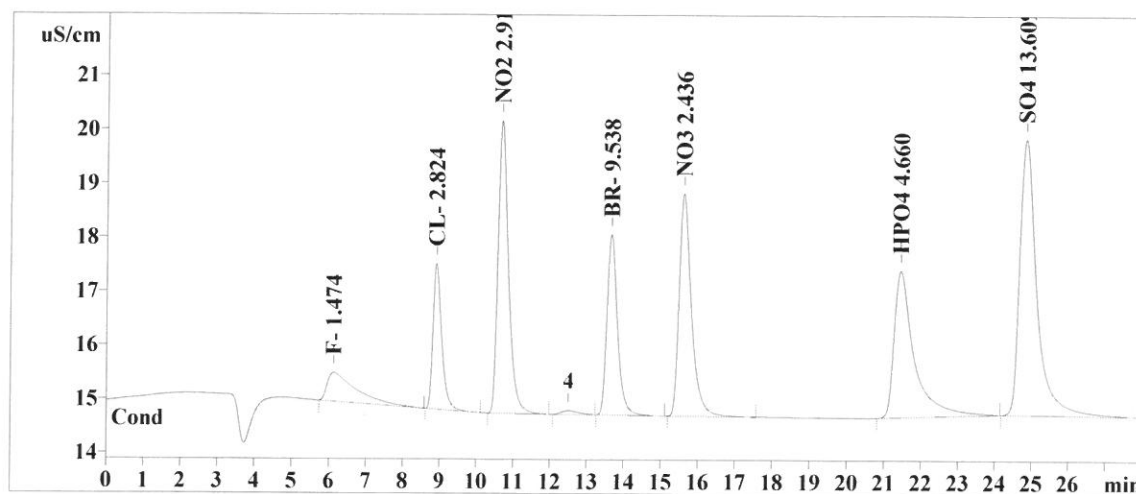
Ident: CCV
Analysis from: 6/1/2018 9:45:36 AM
File: _2018-06-01_

Last save: 6/1/2018 10:13:26 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62431

Last save: 5/30/2018 5:51:38 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	6.14	0.770	0.53	2.22	29.347	4.76	0.
2	8.90	0.249	2.70	11.24	45.288	7.35	0.
3	10.67	0.289	5.42	22.57	105.962	17.19	0.
4	13.65	0.297	3.34	13.91	66.945	10.86	0.
5	15.59	0.335	4.13	17.17	95.215	15.45	0.
6	21.44	0.495	2.72	11.31	104.018	16.88	0.
7	24.84	0.456	5.11	21.26	167.209	27.13	0.
7	28.00	0.413	23.95	99.69	613.984	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 12:10:46 PM
Printed by: wet

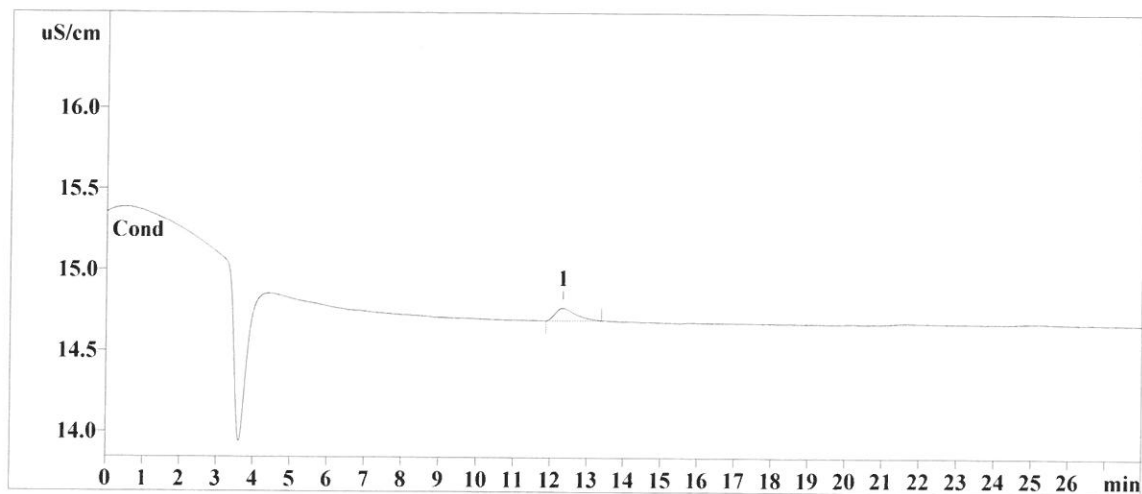
Ident: CCB
Analysis from: 6/1/2018 10:18:01 AM
File: _2018-06-01_

Last save: 6/1/2018 10:45:50 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62432

Last save: 5/30/2018 5:51:38 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	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	28.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 12:12:21 PM
Printed by: wet

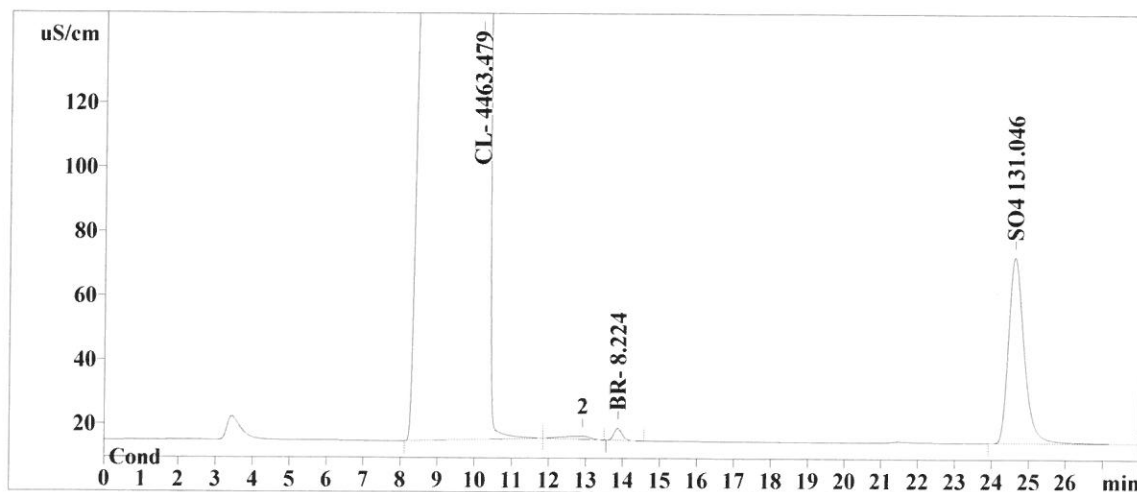
Ident: J3231-08
Analysis from: 6/1/2018 10:48:56 AM
File: _2018-06-01_

Last save: 6/1/2018 12:12:22 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62433

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 64
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	10.17	1.435	940.42	93.74	74789.306	97.64	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.87	0.236	3.72	0.37	57.348	0.07	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	24.61	0.436	57.81	5.76	1701.055	2.22	0.
7	28.00	0.301	1001.94	99.88	76547.710	99.93	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 12:13:04 PM
Printed by: wet

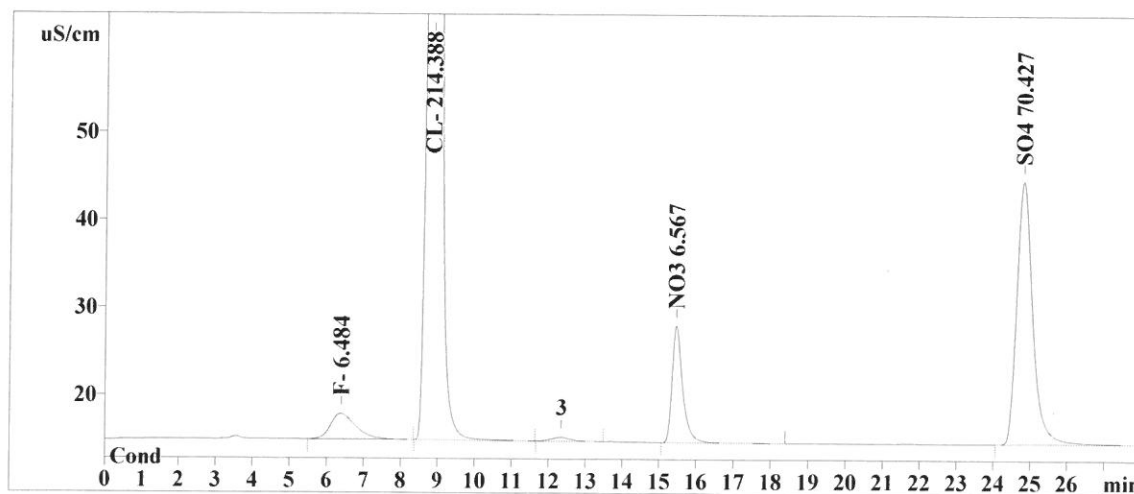
Ident: J3231-09
Analysis from: 6/1/2018 11:19:51 AM
File: _2018-06-01_

Last save: 6/1/2018 12:13:04 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62434

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 65
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	6.38	0.710	2.91	1.33	138.233	2.81	0.
2	8.85	0.325	172.21	78.71	3590.316	73.00	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	15.45	0.285	13.27	6.06	264.250	5.37	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.80	0.442	29.97	13.70	909.313	18.49	0.
7	28.00	0.252	218.36	99.80	4902.113	99.68	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 12:23:46 PM
 Printed by: wet

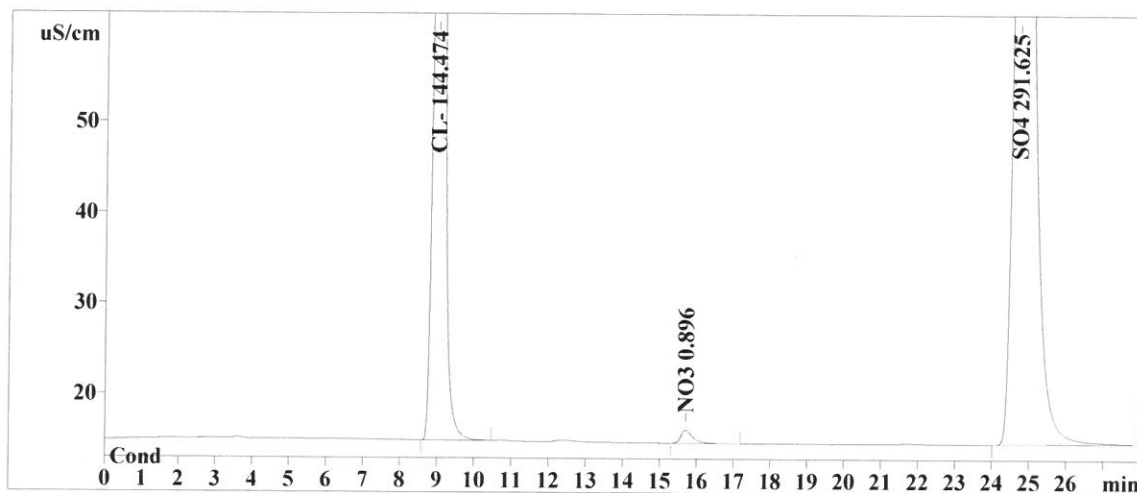
Ident: J3231-10
 Analysis from: 6/1/2018 11:50:46 AM
 File: _2018-06-01_

Last save: 6/1/2018 12:23:46 PM

Method: ANIONS 05-14-18.mtw
 Run operator: wet
 Analysis number: 62435

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
 : AK/AP
 Vial number: 66
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.01	0.264	139.72	53.91	2418.819	38.70	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	15.70	0.327	1.44	0.56	32.190	0.52	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.72	0.483	118.02	45.53	3798.370	60.78	0.
7	28.00	0.154	259.18	99.99	6249.379	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/1/2018 1:28:05 PM
Printed by: wet

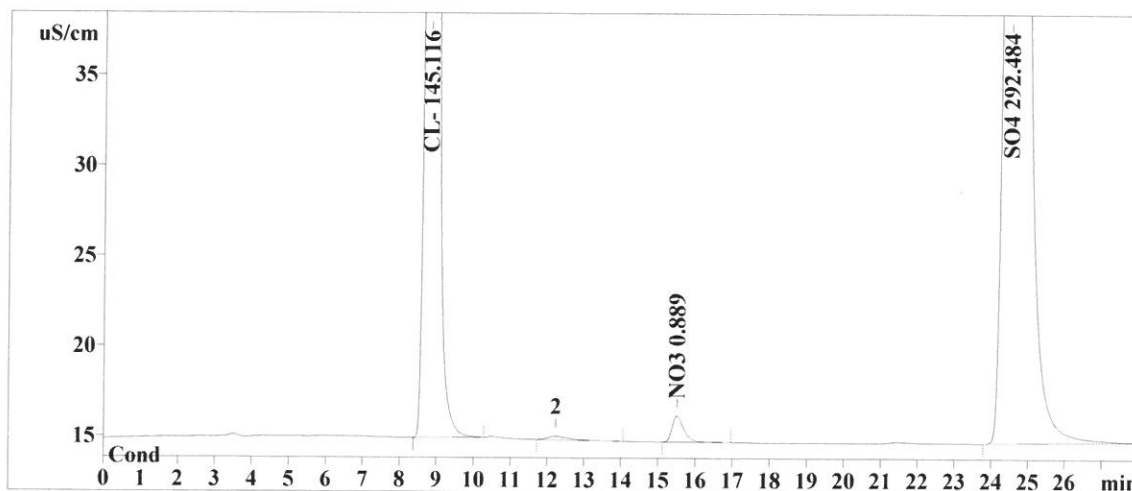
Ident: J3231-10DUP
Analysis from: 6/1/2018 12:21:40 PM
File: _2018-06-01_

Last save: 6/1/2018 1:28:06 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62436

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 67
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	0.263	140.45	53.90	2429.568	38.69	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	15.50	0.325	1.44	0.55	31.883	0.51	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.51	0.483	118.48	45.47	3809.591	60.67	0.
7	28.00	0.153	260.37	99.92	6271.042	99.87	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 1:28:15 PM
Printed by: wet

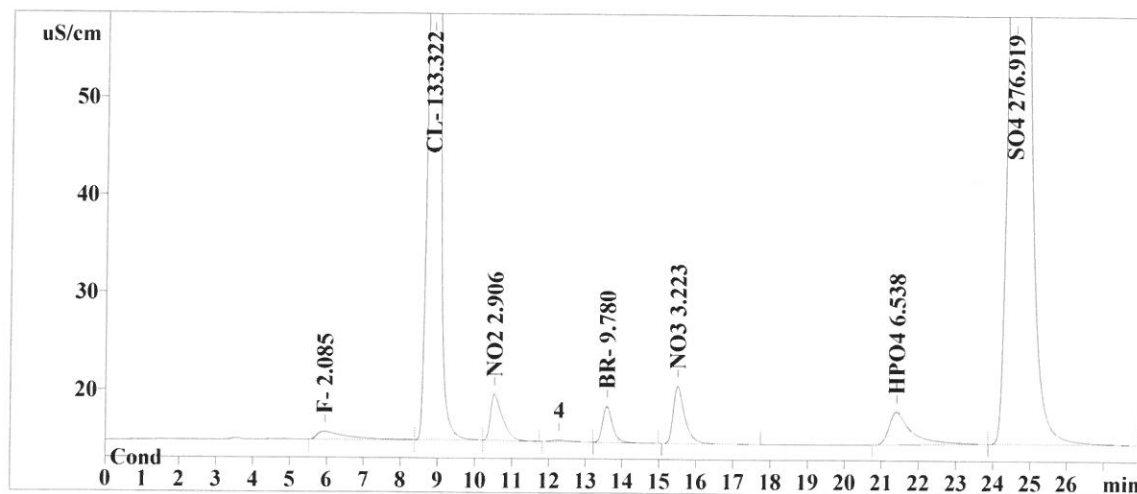
Ident: J3231-10MS
Analysis from: 6/1/2018 12:52:35 PM
File: _2018-06-01_

Last save: 6/1/2018 1:20:24 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62437

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 68
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	0.722	0.81	0.31	42.626	0.67	0.
2	8.83	0.261	129.74	49.58	2231.949	35.24	0.
3	10.53	0.339	4.71	1.80	105.732	1.67	0.
4	13.58	0.277	3.68	1.41	68.708	1.08	0.
5	15.49	0.318	5.83	2.23	127.409	2.01	0.
6	21.40	0.543	3.38	1.29	145.527	2.30	0.
7	24.54	0.478	113.40	43.33	3606.292	56.94	0.
7	28.00	0.420	261.54	99.94	6328.244	99.91	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/1/2018 1:52:06 PM
Printed by: wet

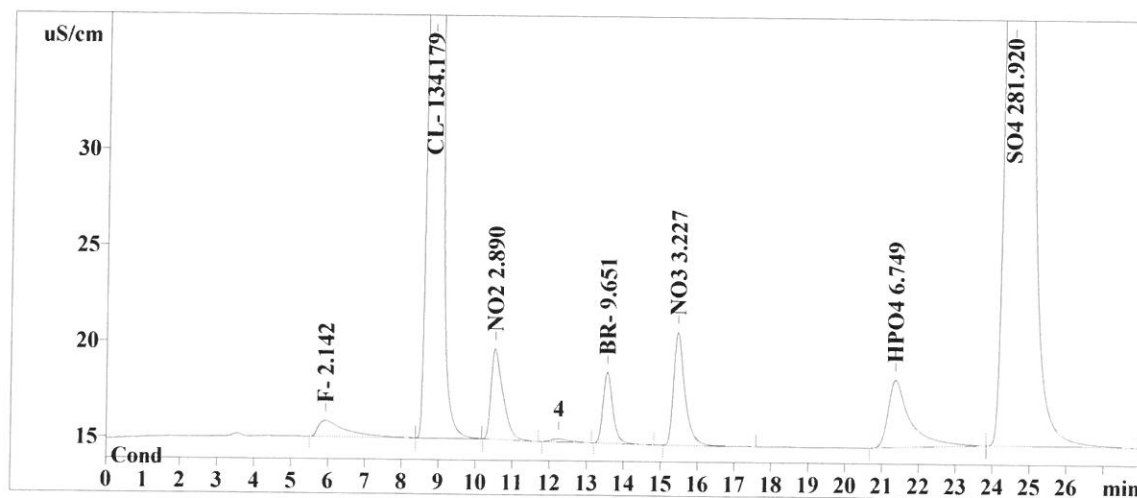
Ident: J3231-10MSD
Analysis from: 6/1/2018 1:23:30 PM
File: _2018-06-01_

Last save: 6/1/2018 1:51:20 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62438

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 69
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	0.694	0.85	0.32	43.858	0.68	0.
2	8.82	0.259	132.08	49.62	2246.304	35.00	0.
3	10.52	0.338	4.70	1.77	105.133	1.64	0.
4	13.55	0.273	3.69	1.39	67.771	1.06	0.
5	15.44	0.316	5.87	2.20	127.588	1.99	0.
6	21.36	0.537	3.52	1.32	150.196	2.34	0.
7	24.51	0.479	115.32	43.32	3671.610	57.21	0.
7	28.00	0.414	266.03	99.93	6412.460	99.91	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/4/2018 9:31:05 AM
Printed by: wet

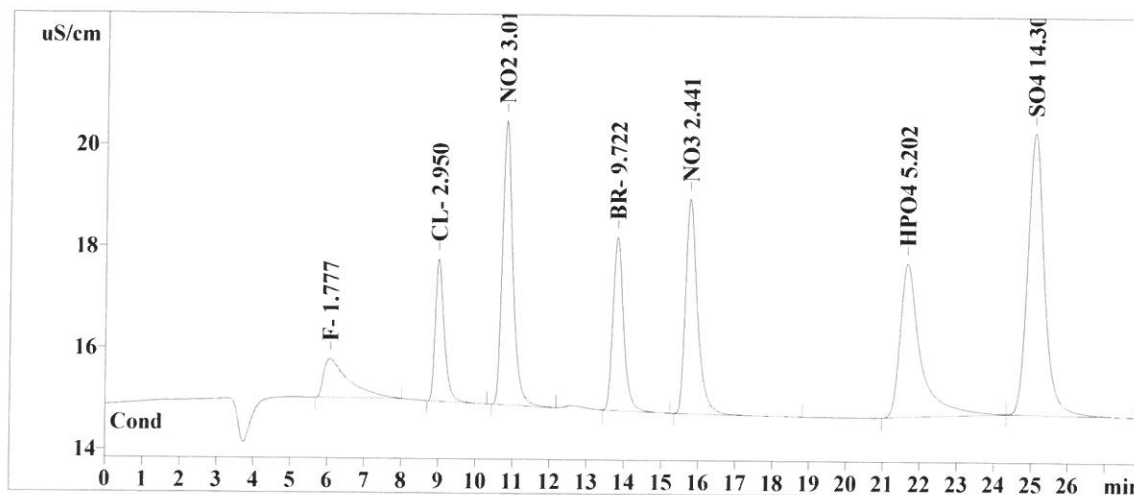
Ident: CCV
Analysis from: 6/1/2018 1:54:25 PM
File: _2018-06-01_

Last save: 6/1/2018 2:22:14 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62439

Last save: 5/30/2018 5:51:38 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	6.06	0.637	0.77	3.02	35.923	5.53	0.
2	8.99	0.251	2.80	11.03	47.403	7.30	0.
3	10.79	0.291	5.59	22.07	109.901	16.93	0.
4	13.80	0.298	3.41	13.46	68.288	10.52	0.
5	15.74	0.330	4.22	16.66	95.386	14.69	0.
6	21.65	0.491	3.02	11.91	115.994	17.87	0.
7	25.07	0.463	5.54	21.85	176.234	27.15	0.
7	28.00	0.395	25.35	99.99	649.129	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/4/2018 9:31:13 AM
Printed by: wet

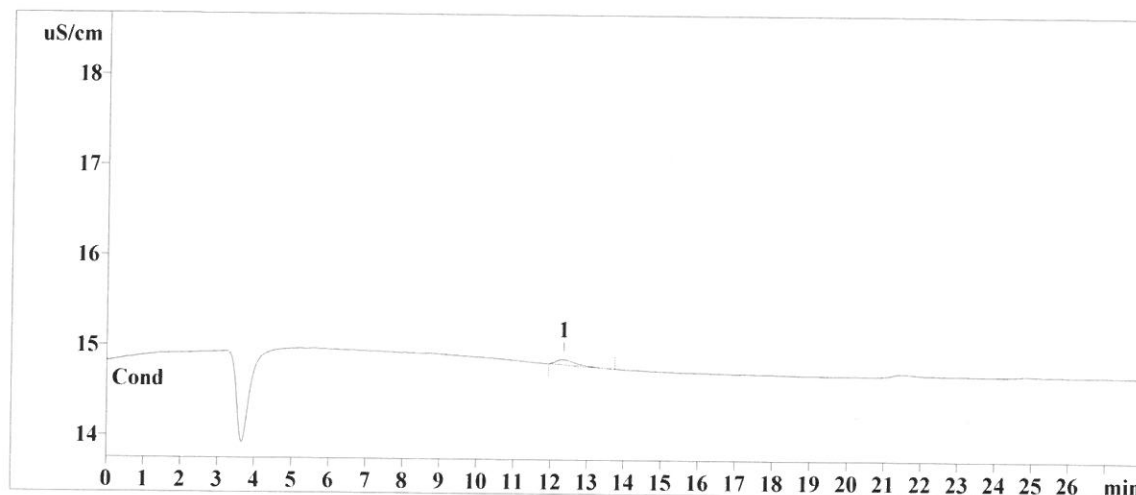
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Analysis from: 6/1/2018 2:25:19 PM
File: _2018-06-01_

Last save: 6/1/2018 2:53:08 PM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62440

Last save: 5/30/2018 5:51:38 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	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	28.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/4/2018 9:33:47 AM
Printed by: wet

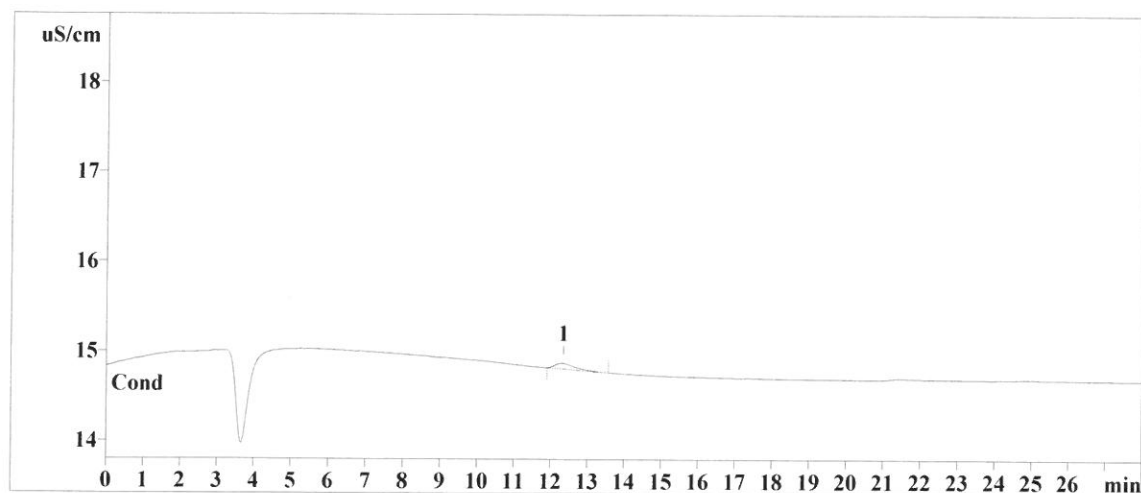
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Analysis from: 6/1/2018 2:56:14 PM
File: _2018-06-01_

Last save: 6/4/2018 9:32:28 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62441

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.02g
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	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	28.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/4/2018 9:34:36 AM
Printed by: wet

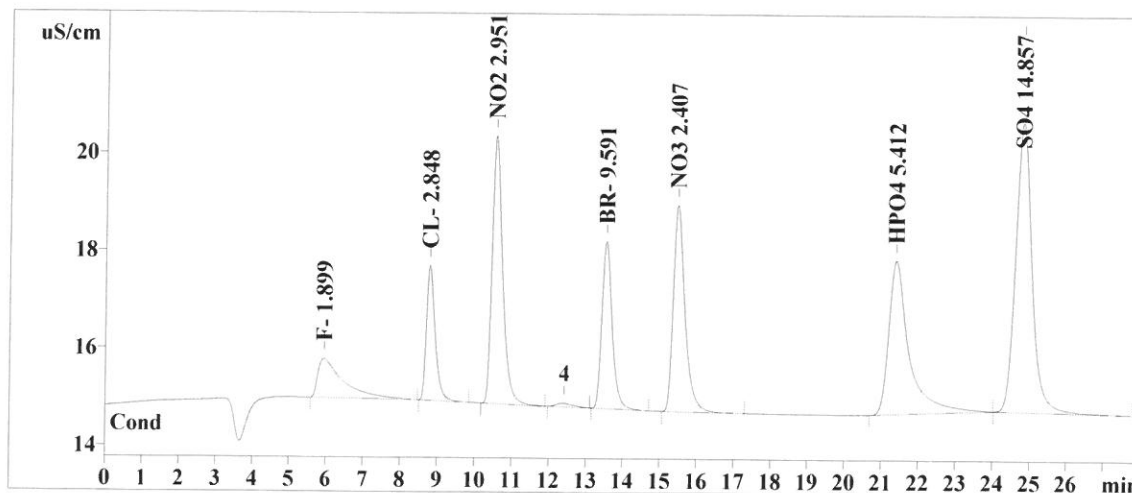
Ident: LB95756BSW2
Analysis from: 6/1/2018 3:27:09 PM
File: _2018-06-01_

Last save: 6/4/2018 9:32:28 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62442

Last save: 5/30/2018 5:51:38 PM

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	5.94	0.635	0.80	3.10	38.580	5.85	0.
2	8.78	0.245	2.76	10.68	45.697	6.93	0.
3	10.54	0.289	5.48	21.20	107.442	16.29	0.
4	13.53	0.294	3.43	13.25	67.328	10.21	0.
5	15.46	0.326	4.23	16.35	94.008	14.25	0.
6	21.39	0.491	3.15	12.17	120.645	18.29	0.
7	24.79	0.453	5.93	22.94	183.507	27.82	0.
7	28.00	0.391	25.78	99.70	657.207	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/4/2018 9:36:52 AM
 Printed by: wet

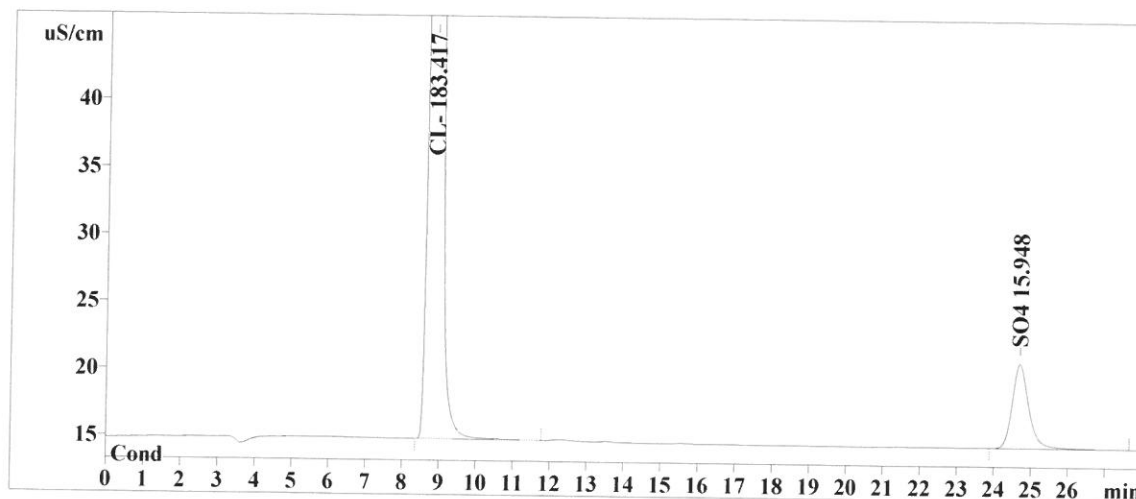
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 Analysis from: 6/1/2018 3:58:04 PM
 File: _2018-06-01_

Last save: 6/4/2018 9:36:42 AM

Method: ANIONS 05-14-18.mtw
 Run operator: wet
 Analysis number: 62443

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
 : AK/AP
 Vial number: 70
 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	8.86	0.249	188.53	96.78	3071.352	93.95	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	0.458	6.26	3.22	197.759	6.05	0.
7	28.00	0.101	194.80	99.99	3269.111	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/4/2018 9:38:10 AM
Printed by: wet

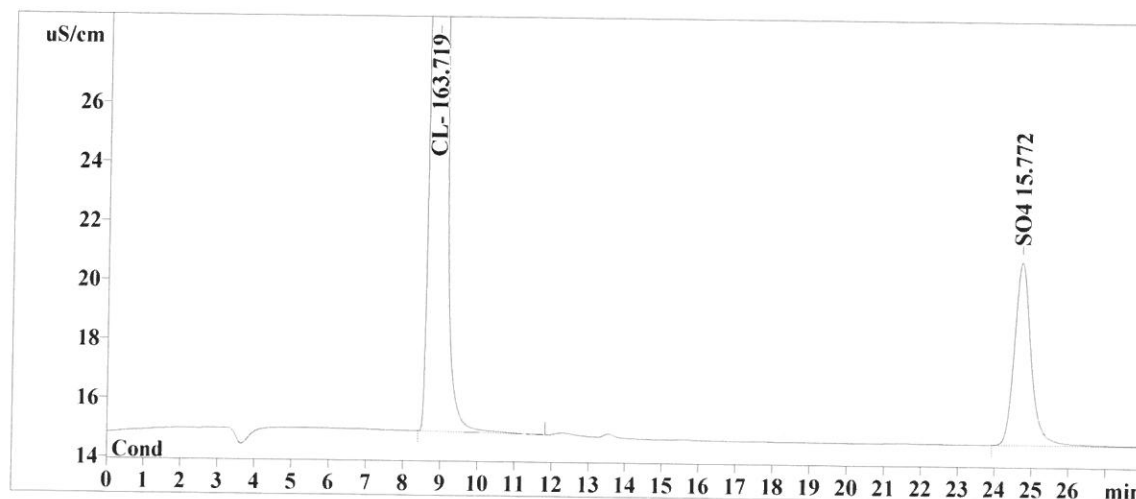
Ident: J3231-02DLX100
Analysis from: 6/1/2018 4:28:58 PM
File: _2018-06-01_

Last save: 6/4/2018 9:38:02 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62444

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 71
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	8.87	0.243	171.53	96.52	2741.289	93.34	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	24.71	0.460	6.17	3.47	195.468	6.66	0.
7	28.00	0.100	177.71	100.00	2936.756	100.00	0.

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Report date: 6/4/2018 9:41:11 AM
Printed by: wet

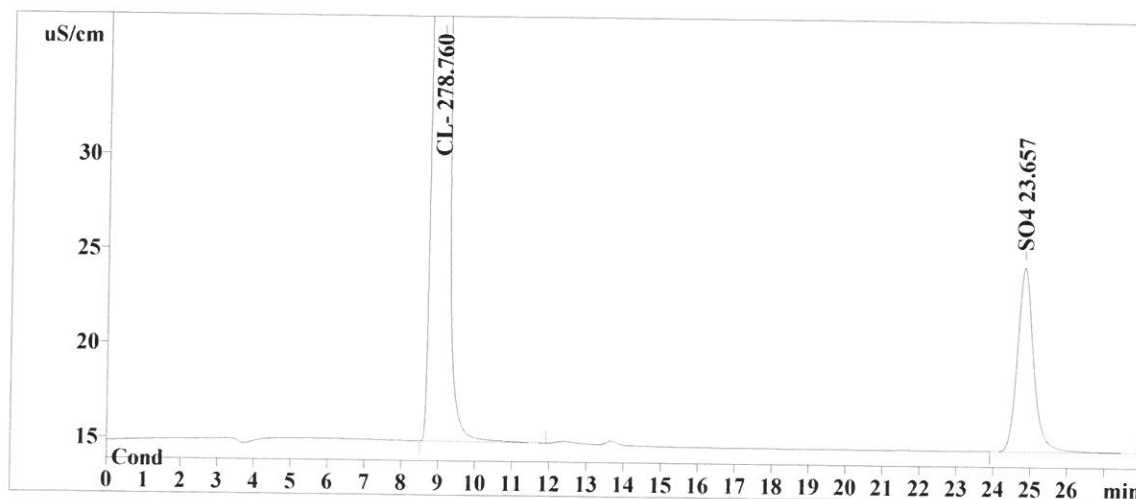
Ident: J3231-03DLX50
Analysis from: 6/1/2018 4:59:53 PM
File: _2018-06-01_

Last save: 6/4/2018 9:41:08 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62445

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 72
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.07	0.275	268.56	96.50	4668.950	93.99	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	24.82	0.448	9.72	3.49	298.445	6.01	0.
7	28.00	0.103	278.27	99.99	4967.394	100.00	0.

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Report date: 6/4/2018 9:48:05 AM
 Printed by: wet

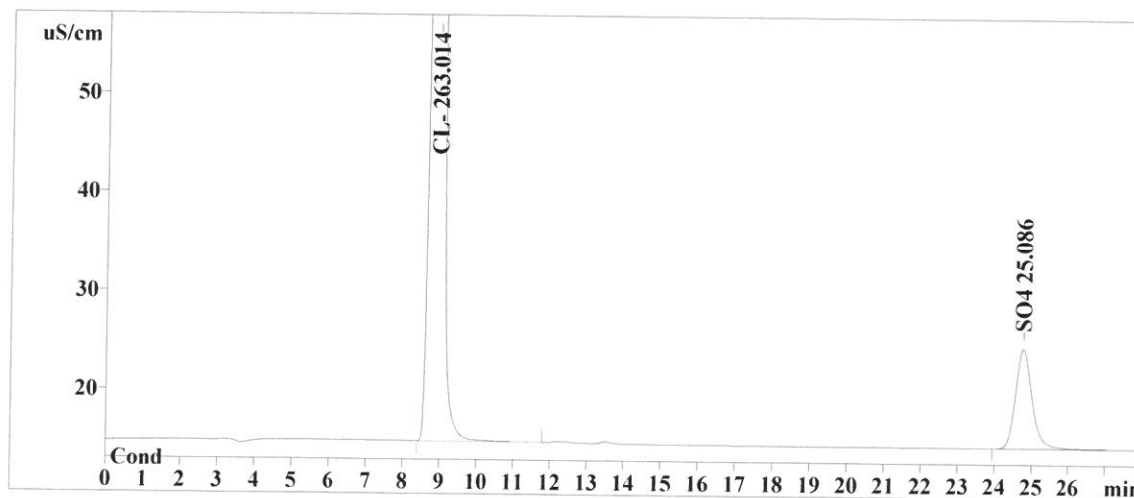
Ident: J3231-05DLX50
 Analysis from: 6/1/2018 5:30:48 PM
 File: _2018-06-01_

Last save: 6/4/2018 9:48:06 AM

Method: ANIONS 05-14-18.mtw
 Run operator: wet
 Analysis number: 62446

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
 : AK/AP
 Vial number: 73
 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	8.94	0.269	257.00	96.19	4405.100	93.28	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	24.76	0.458	10.11	3.78	317.118	6.72	0.
7	28.00	0.104	267.11	99.98	4722.218	100.00	0.

This report has been created by IC Net
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Report date: 6/4/2018 9:49:28 AM
Printed by: wet

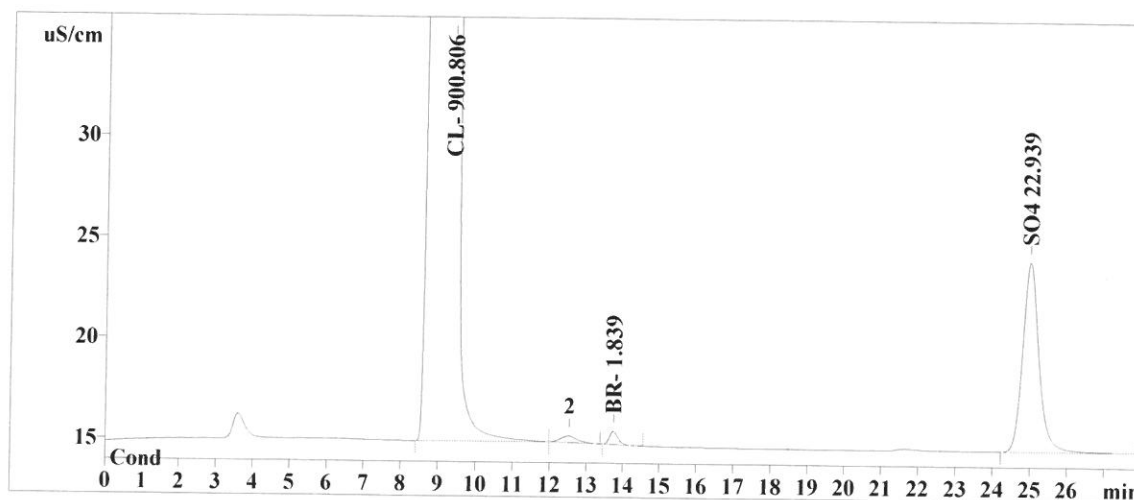
Ident: J3231-08DLX5
Analysis from: 6/1/2018 6:01:42 PM
File: _2018-06-01_

Last save: 6/4/2018 9:49:28 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62447

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 74
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	9.35	0.511	503.18	97.94	15092.125	97.99	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.74	0.246	0.66	0.13	10.727	0.07	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	24.98	0.450	9.38	1.83	289.065	1.88	0.
7	28.00	0.172	513.22	99.89	15391.917	99.93	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/4/2018 9:50:28 AM
Printed by: wet

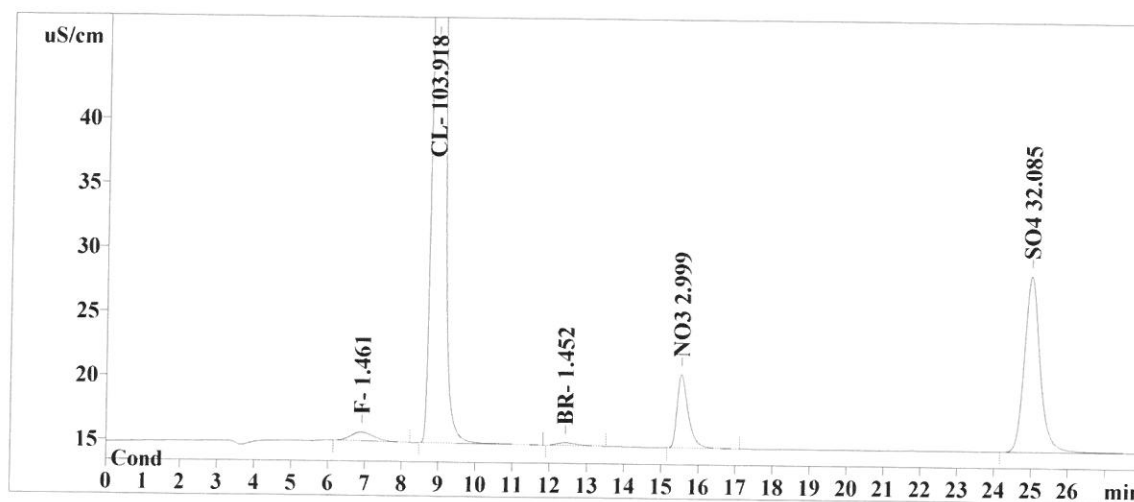
Ident: J3231-09DLX2
Analysis from: 6/1/2018 6:32:37 PM
File: _2018-06-01_

Last save: 6/4/2018 9:50:26 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62448

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 75
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	6.91	0.664	0.68	0.57	29.058	1.26	0.
2	8.90	0.266	98.59	82.94	1739.242	75.52	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.43	0.539	0.22	0.18	7.904	0.34	0.
5	15.53	0.301	5.71	4.81	118.229	5.13	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.99	0.436	13.67	11.50	408.525	17.74	0.
7	28.00	0.315	118.87	100.00	2302.958	100.00	0.

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Report date: 6/4/2018 9:52:21 AM
Printed by: wet

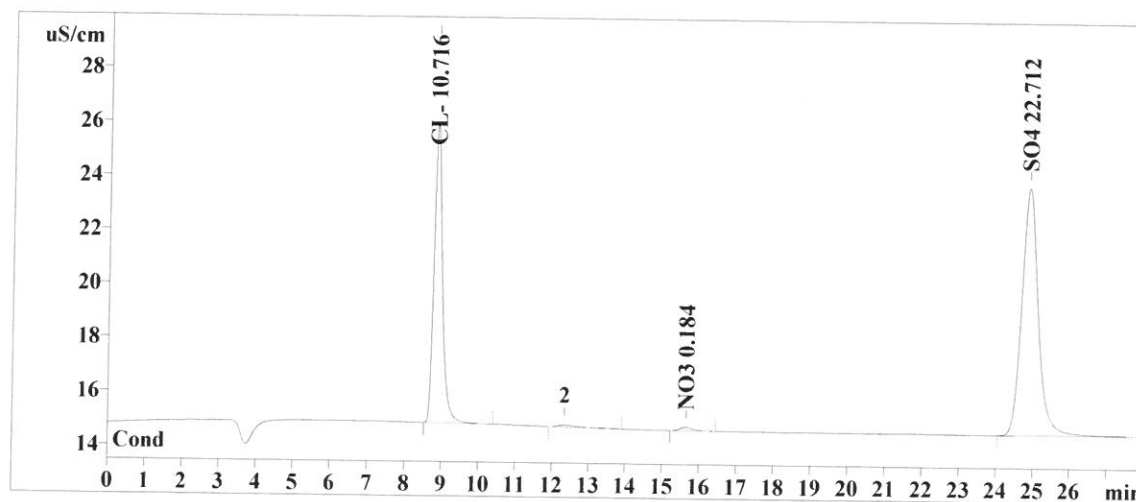
Ident: J3231-10DLX10
Analysis from: 6/1/2018 7:03:32 PM
File: _2018-06-01_

Last save: 6/4/2018 9:52:22 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62449

Last save: 5/30/2018 5:51:38 PM

SAMPLE: 5.01g
: AK/AP
Vial number: 76
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	0.235	11.11	54.24	177.533	37.81	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	15.64	0.353	0.13	0.64	3.068	0.65	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.86	0.456	9.16	44.75	286.107	60.93	0.
7	28.00	0.149	20.40	99.63	466.708	99.39	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/4/2018 9:52:35 AM
 Printed by: wet

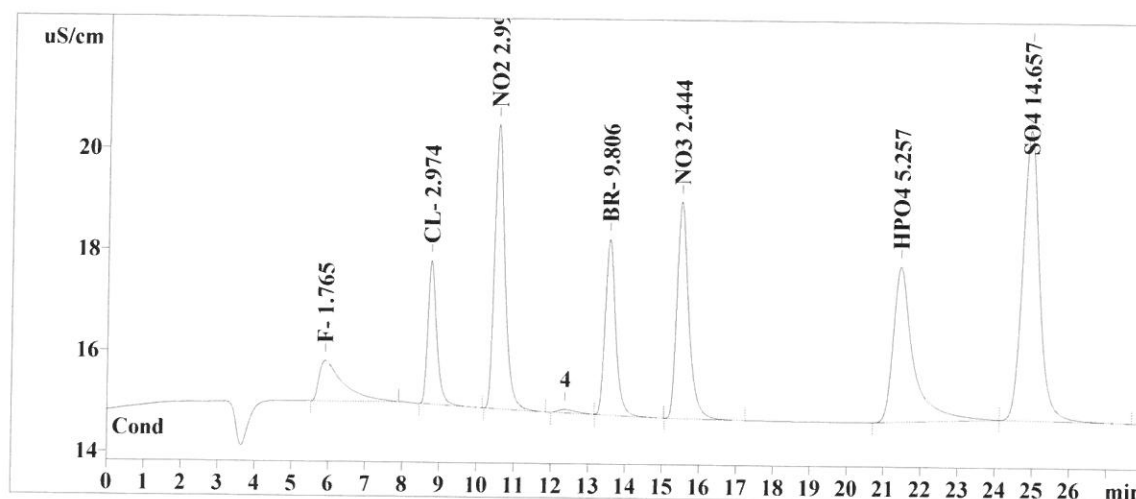
Ident: CCV
 Analysis from: 6/1/2018 7:34:26 PM
 File: _2018-06-01_

Last save: 6/1/2018 8:02:16 PM

Method: ANIONS 05-14-18.mtw
 Run operator: wet
 Analysis number: 62450

Last save: 5/30/2018 5:51:38 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	5.90	0.618	0.80	3.08	35.670	5.43	0.
2	8.75	0.249	2.83	10.95	47.797	7.27	0.
3	10.53	0.288	5.61	21.72	109.115	16.60	0.
4	13.54	0.297	3.47	13.41	68.901	10.48	0.
5	15.47	0.327	4.28	16.55	95.507	14.53	0.
6	21.43	0.490	3.06	11.86	117.207	17.83	0.
7	24.90	0.466	5.72	22.15	180.894	27.52	0.
7	28.00	0.391	25.77	99.72	655.092	99.65	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/4/2018 9:52:51 AM
Printed by: wet

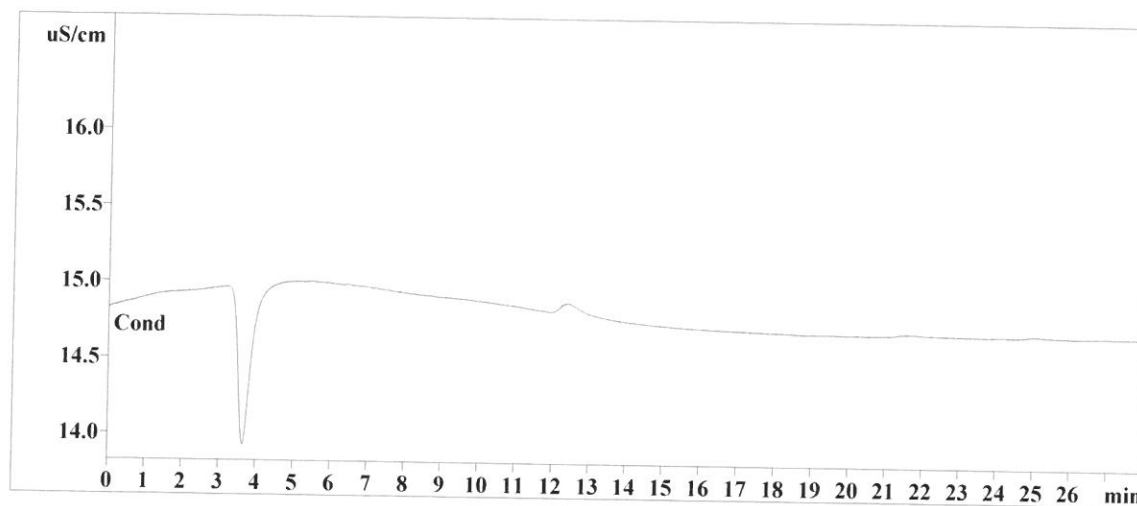
Ident: CCB
Analysis from: 6/1/2018 8:05:21 PM
File: _2018-06-01_

Last save: 6/4/2018 9:52:52 AM

Method: ANIONS 05-14-18.mtw
Run operator: wet
Analysis number: 62451

Last save: 5/30/2018 5:51:38 PM

SAMPLE:
:
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