

10-1 30.0
7-5-18 02

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	2018-06-11	6/11/18 10:31
STD2	0.2020	0.2150	0.2270	0.7220	0.1760	0.0310	1.2780	2018-06-11	6/11/18 11:01
STD3	0.3660	0.6030	0.6210	2.0150	0.4940	1.0630	3.1400	2018-06-11	6/11/18 11:31
STD4	0.7860	1.1940	1.1700	3.8780	0.9640	2.1840	5.8600	2018-06-11	6/11/18 12:01
STD5	1.8970	2.8840	2.8680	9.7480	2.4710	5.0370	14.0380	2018-06-11	6/11/18 12:31
STD6	4.0490	6.0540	6.0630	20.1360	5.0200	9.9350	30.4340	2018-06-11	6/11/18 13:01
STD7	5.0830	7.6860	7.7060	25.4150	6.3680	12.6690	37.9200	2018-06-11	6/11/18 13:31
ICV	2.1340	2.8660	2.8280	9.5020	2.4350	5.3050	15.4210	2018-06-11	6/11/18 15:04
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-11	6/11/18 15:33
CCV	2.1470	2.9650	2.9260	9.8540	2.4360	4.9920	14.6340	2018-06-15	6/15/18 2:06
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-15	6/15/18 2:37
LB96071BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-15	6/15/18 8:52
LB96071BSW	2.0870	2.8810	2.8310	9.4990	2.3620	4.9360	15.0110	2018-06-15	6/15/18 9:22
J3522-02	0.0000	666.1490	0.0000	1.1480	0.0000	0.0000	13.9450	2018-06-15	6/15/18 9:53
J3525-01	0.4390	1135.9160	0.0000	1.8680	0.1660	0.2240	58.4470	2018-06-15	6/15/18 10:23
J3525-01DUP	0.4540	1140.5750	0.0000	1.8370	0.1650	0.2330	58.8700	2018-06-15	6/15/18 10:53
J3525-02MS	0.4070	1003.9520	3.4620	13.1080	2.9430	0.4230	73.6070	2018-06-15	6/15/18 11:23
J3525-03MSD	0.4510	1045.7660	2.8480	11.1120	2.4210	0.5370	71.5930	2018-06-15	6/15/18 11:53
J3552-01	0.0000	29.8820	0.0000	0.0000	0.0000	0.0000	115.4560	2018-06-15	6/15/18 12:23
J3552-02	0.0000	7.0450	0.0000	0.0000	0.0000	0.0000	47.4300	2018-06-15	6/15/18 12:53
J3552-03	0.0000	84.9730	0.0000	0.0000	0.4670	0.0000	5.8120	2018-06-15	6/15/18 13:23
CCV	1.8970	2.7900	2.7470	9.2190	2.2850	4.5640	13.7900	2018-06-15	6/15/18 13:53
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-15	6/15/18 14:24
J3552-04	0.0000	2.8760	0.0000	0.0000	0.0000	0.0000	18.6860	2018-06-15	6/15/18 14:54
J3541-01	0.0000	0.0000	0.0000	0.0000	0.1460	0.0000	0.0000	2018-06-15	6/15/18 15:24
J3541-02	0.0000	0.0000	0.0000	0.0000	0.1570	0.0000	0.0000	2018-06-15	6/15/18 15:54
J3561-01	0.0000	20.2430	0.0000	0.0000	0.0000	0.0000	70.2960	2018-06-15	6/15/18 16:24
J3561-02	0.0000	20.2860	0.0000	0.0000	0.0000	0.0000	70.2250	2018-06-15	6/15/18 16:54
J3561-03	0.0000	91.7040	0.0000	0.0000	0.0000	0.0000	72.6260	2018-06-15	6/15/18 17:24
J3561-04	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-15	6/15/18 17:54

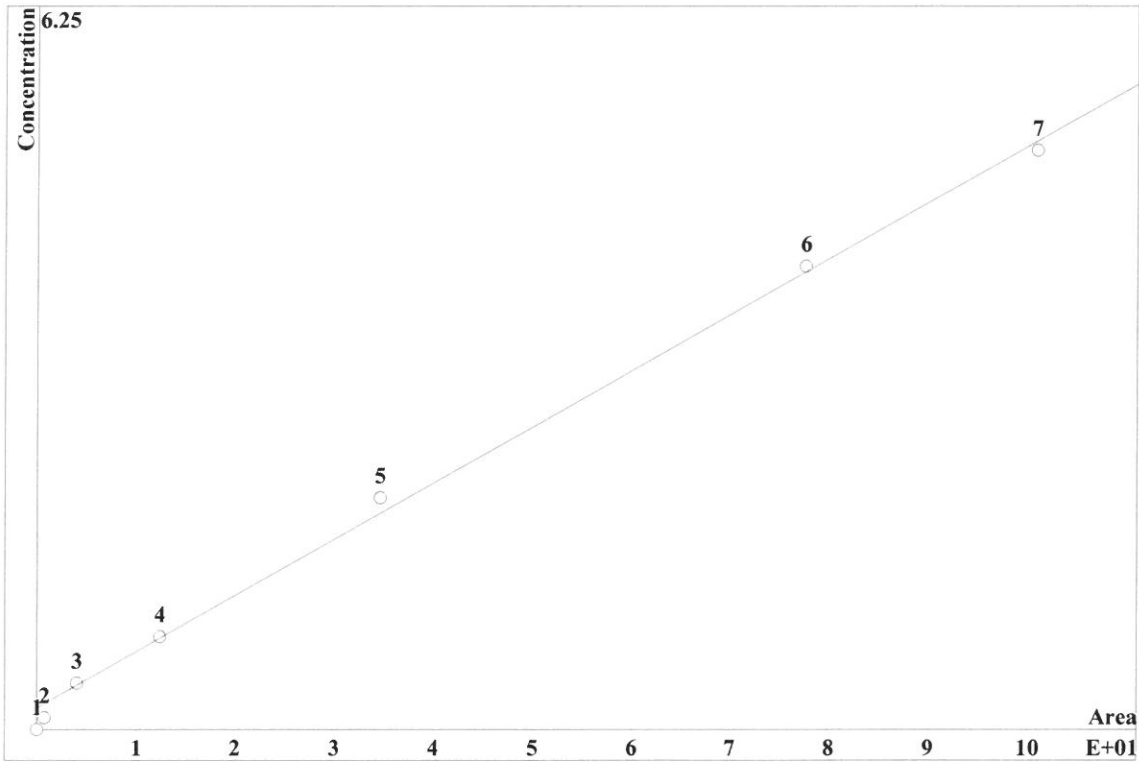
J3561-01DUP	0.0000	20.1440	0.0000	0.0000	0.0000	0.0000	70.0710	2018-06-15	6/15/18 18:24
J3561-01MS	2.3620	21.0310	2.8290	9.8590	2.4190	5.7250	79.6800	2018-06-15	6/15/18 18:54
J3561-01MSD	2.3670	21.6780	2.7970	9.7080	2.3840	5.8850	82.0260	2018-06-15	6/15/18 19:24
CCV	2.0640	3.0060	2.9950	10.0440	2.5350	5.3890	14.9730	2018-06-15	6/15/18 19:53
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-15	6/15/18 20:23
J3541-03	0.0000	0.0000	0.0000	0.0000	0.1840	0.0000	0.0000	2018-06-15	6/15/18 20:53
J3552-01DLX5	0.0000	5.3470	0.0000	0.0000	0.0000	0.0000	19.6460	2018-06-15	6/15/18 21:23
J3552-02DLX2	0.0000	3.5610	0.0000	0.0000	0.0000	0.0000	23.0420	2018-06-15	6/15/18 21:53
J3552-03DLX20	0.0000	3.4590	0.0000	0.0000	0.0000	0.0000	1.0310	2018-06-15	6/15/18 22:23
CCV	2.0930	2.9930	2.9640	9.9690	2.4800	5.3840	15.2860	2018-06-15	6/15/18 22:53
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-15	6/15/18 23:23
CCV	2.0150	2.8950	2.8700	9.5830	2.3680	4.7340	14.2100	2018-06-18	6/18/18 9:36
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-18	6/18/18 10:06
LB96071BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-18	6/18/18 10:36
LB96071BSW2	1.9840	2.8160	2.8310	9.2760	2.3140	5.0110	14.6900	2018-06-18	6/18/18 11:06
J3561-01DLX5	0.0000	3.8050	0.0000	0.0000	0.0000	0.0000	12.7520	2018-06-18	6/18/18 11:40
J3561-02DLX5	0.0000	3.8700	0.0000	0.0000	0.0000	0.0000	12.6960	2018-06-18	6/18/18 12:10
J3561-03DLX2	0.0000	43.2460	0.0000	0.0000	0.0000	0.0000	33.8290	2018-06-18	6/18/18 12:40
J3561-03DL2X20	0.0000	3.5370	0.0000	0.0000	0.0000	0.0000	3.6860	2018-06-18	6/18/18 13:10
CCV	1.9200	2.8960	2.8540	9.7000	2.3440	4.9500	14.2340	2018-06-18	6/18/18 13:40
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-18	6/18/18 14:24

IC-1 Cal 6-11-2018

AK

CALIBRATION OF COMPONENT F-

Method: ANIONS 06-11-18.mtw
Equation: $Q = 0.96991 \cdot A + 3.75265$
RSD: 5.047 %
Correlation coefficient: 0.998960



K3 = 0 K2 = 0 K1 = 0.96991 K0 = 3.75265

Base: Area

Ref.channel: Cond

ISTD:

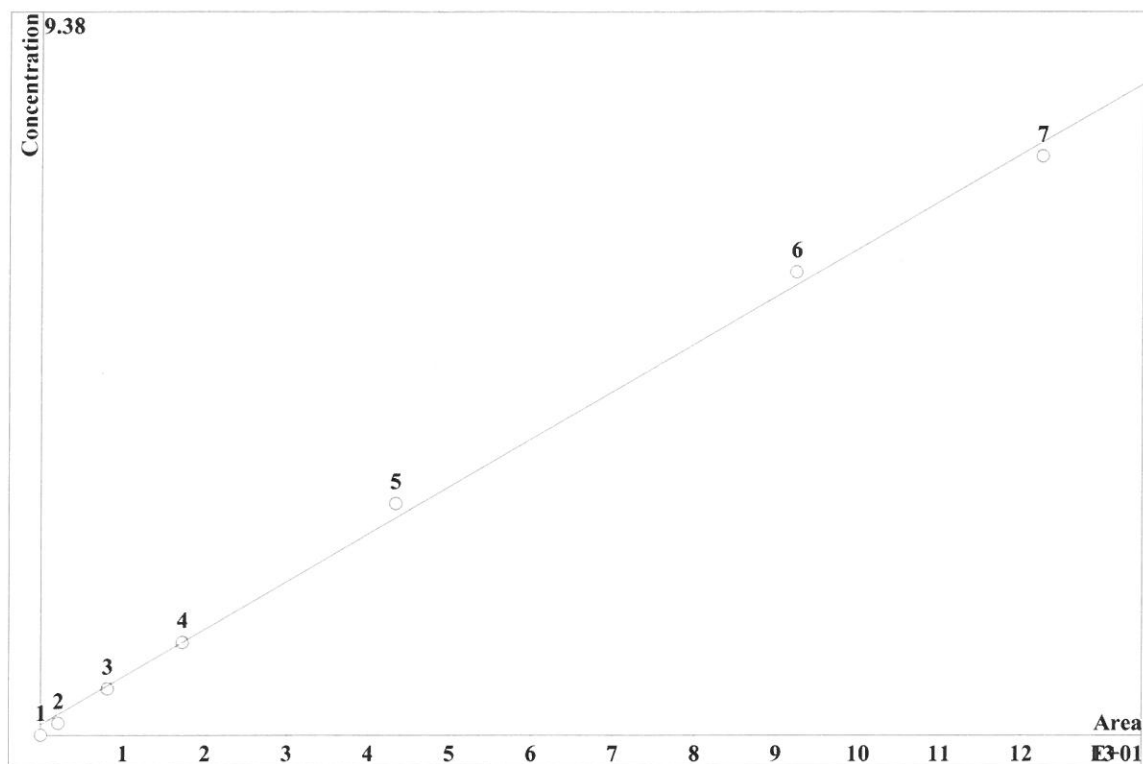
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.02191	0.7617	0.1	20	5.913			Yes
3	0.1211	4.025	0.4	20	5.913			Yes
4	0.2906	12.43	0.8	20	5.913			Yes
5	0.798	34.62	2	20	5.913			Yes
6	1.708	77.64	4	20	5.913			Yes
7	2.266	100.9	5	20	5.913			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 1.23247 \cdot A + 2.78813$
 RSD: 5.476 %
 Correlation coefficient: 0.998775

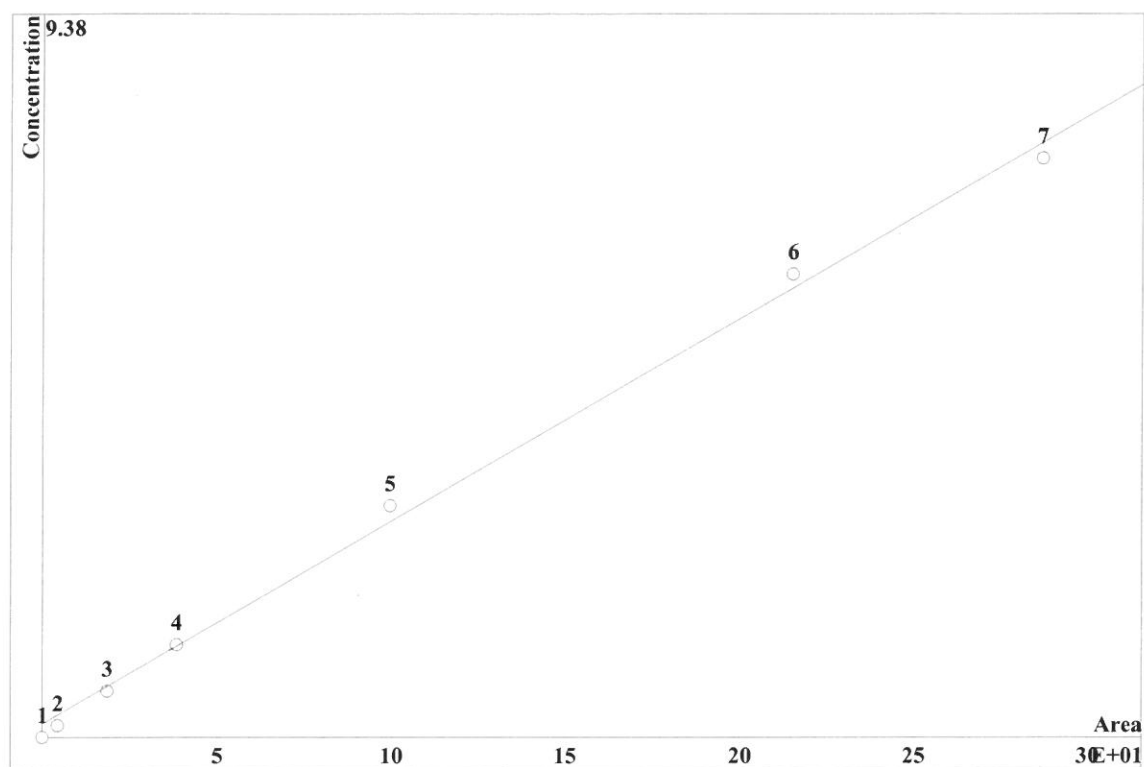


K3 = 0 K2 = 0 K1 = 1.23247 K0 = 2.78813
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1264	2.138	0.15	20	8.858	Yes		Yes
3	0.4978	8.144	0.6	20	8.858	Yes		Yes
4	1.043	17.27	1.2	20	8.858	Yes		Yes
5	2.688	43.4	3	20	8.858	Yes		Yes
6	5.683	92.4	6	20	8.858	Yes		Yes
7	7.465	122.5	7.5	20	8.858	Yes		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.525111 \cdot A + 3.49018$
 RSD: 6.162 %
 Correlation coefficient: 0.998449



K3 = 0 K2 = 0 K1 = 0.525111 K0 = 3.49018

Base: Area

Ref.channel: Cond

ISTD:

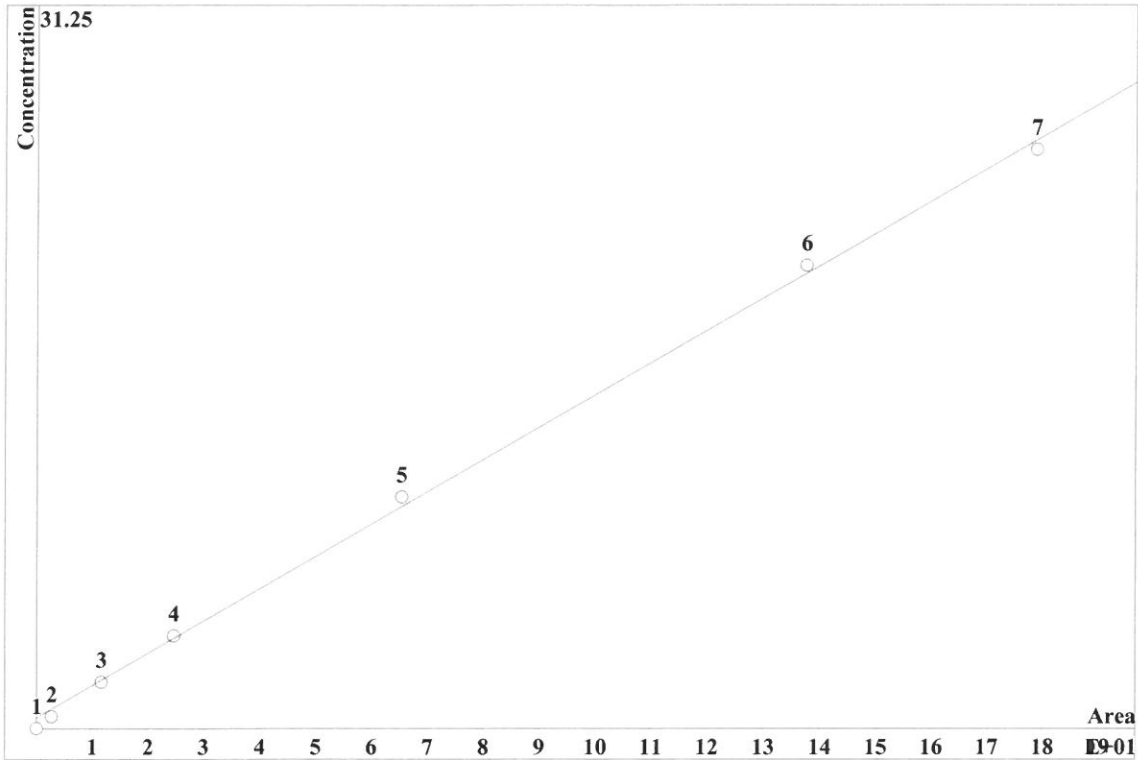
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.2394	4.404	0.15	20	10.65			Yes
3	0.9878	18.61	0.6	20	10.65			Yes
4	2.074	38.42	1.2	20	10.65			Yes
5	5.39	99.64	3	20	10.65			Yes
6	11.22	214.9	6	20	10.65			Yes
7	14.57	286.8	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 2.79052 \cdot A + 9.24087$
 RSD: 3.757 %
 Correlation coefficient: 0.999424

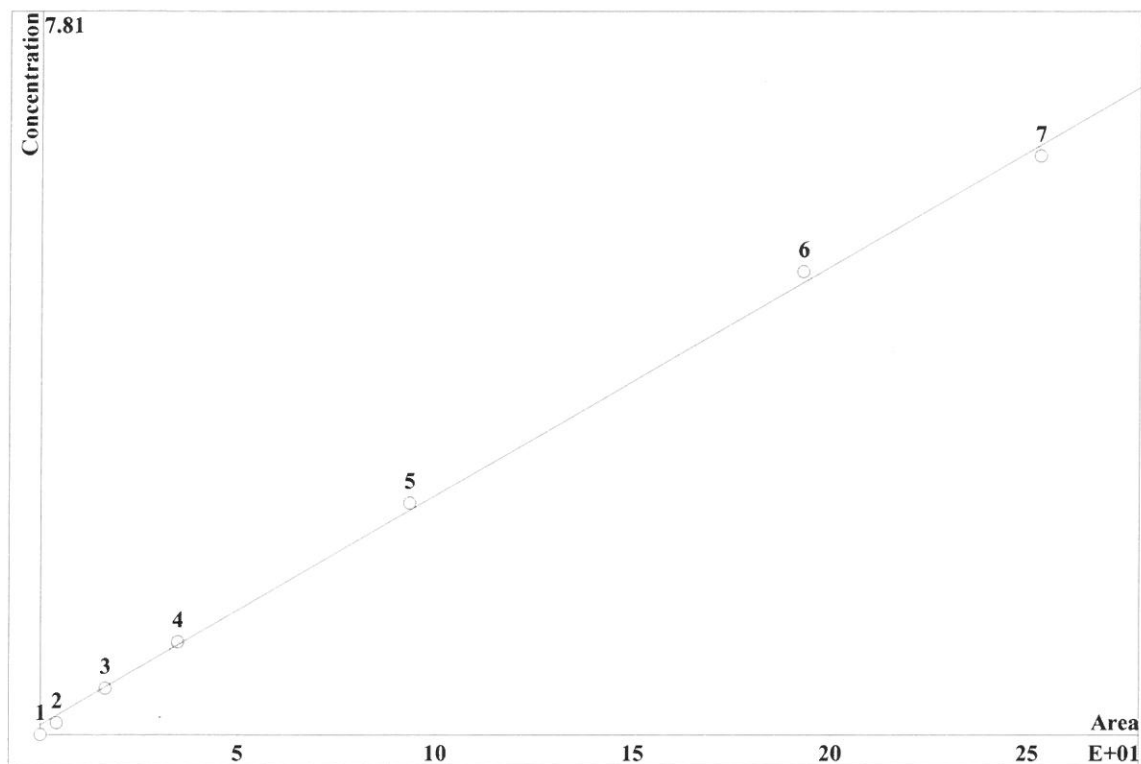


K3 = 0 K2 = 0 K1 = 2.79052 K0 = 9.24087
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.1433		2.719	0.5	20		13.72	Yes
3	0.6082		11.7	2	20		13.72	Yes
4	1.29		24.64	4	20		13.72	Yes
5	3.353		65.42	10	20		13.72	Yes
6	6.956		137.6	20	20		13.72	Yes
7	8.929		178.8	25	20		13.72	Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.494945 \cdot A + 2.1299$
 RSD: 3.983 %
 Correlation coefficient: 0.999352



K3 = 0 K2 = 0 K1 = 0.494945 K0 = 2.1299

Base: Area

Ref.channel: Cond

ISTD:

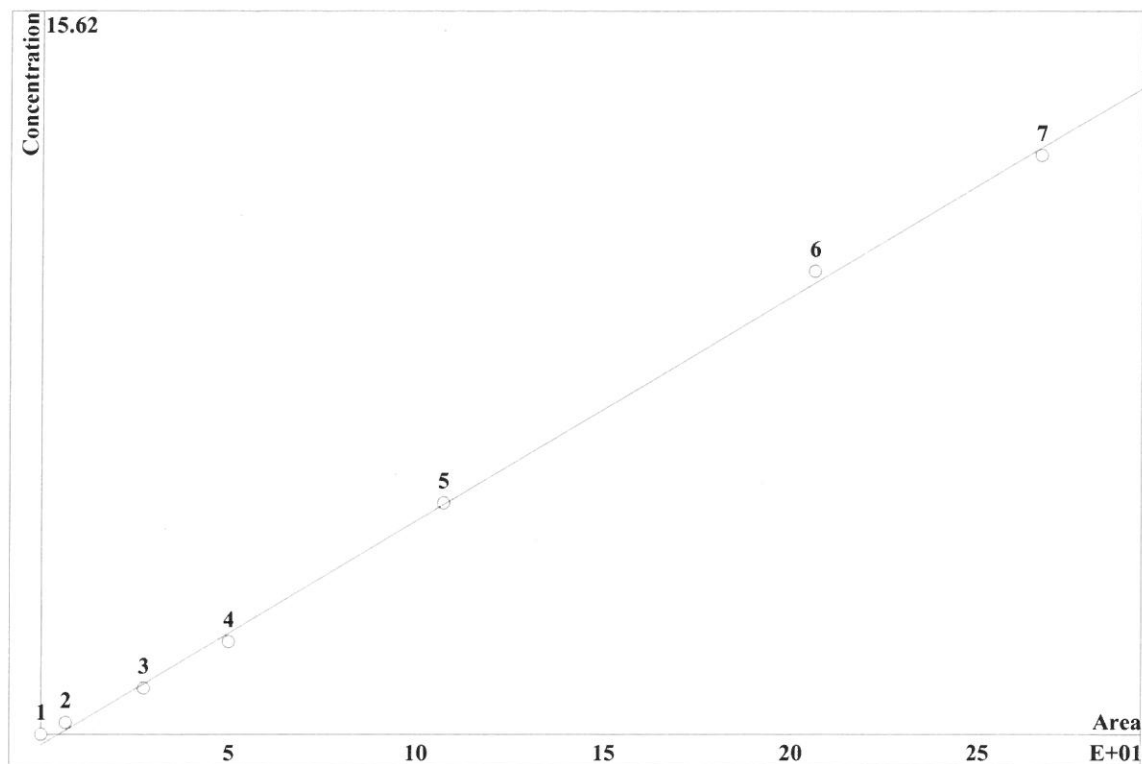
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.1843	4.199	0.125	20	15.65	Yes		
3	0.7548	16.6	0.5	20	15.65	Yes		
4	1.604	34.93	1	20	15.65	Yes		
5	4.233	93.68	2.5	20	15.65	Yes		
6	9.2	193	5	20	15.65	Yes		
7	12.18	253	6.25	20	15.65	Yes		

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.96711 \cdot A - 4.51826$
 RSD: 3.961 %
 Correlation coefficient: 0.999360



K3 = 0 K2 = 0 K1 = 0.96711 K0 = -4.51826

Base: Area

Ref.channel: Cond

ISTD:

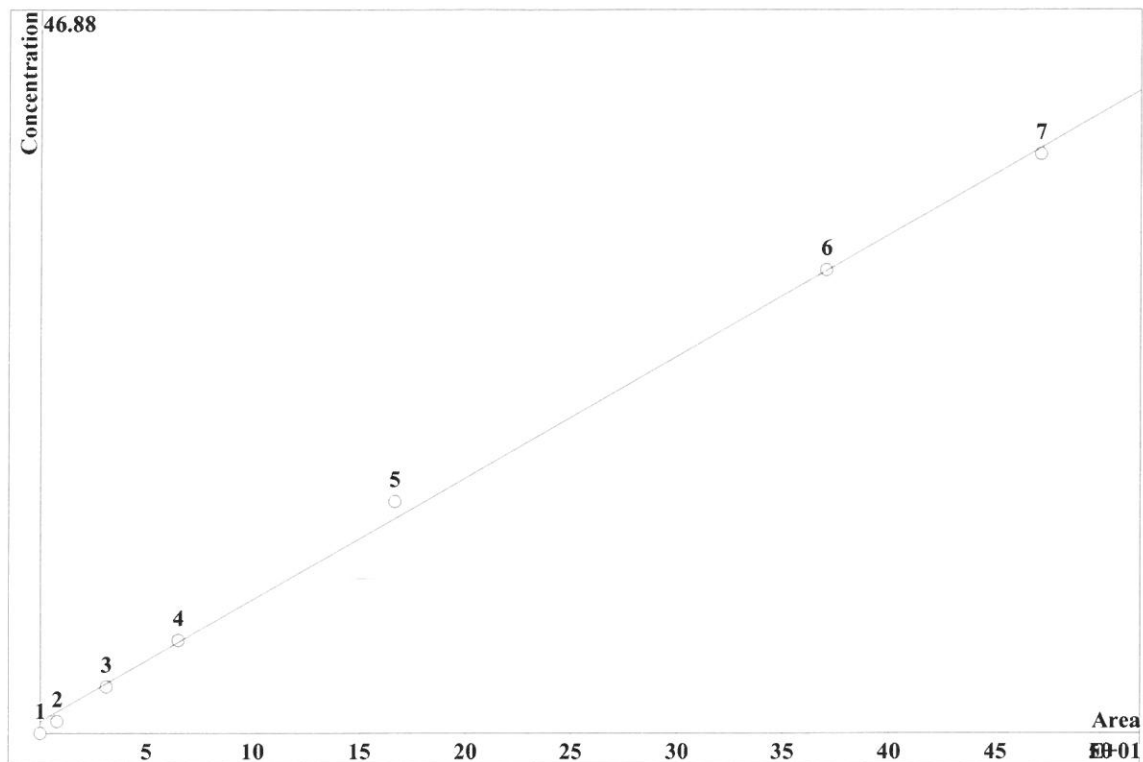
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1633	6.472	0.25	20	21.48			Yes
3	0.6769	27.29	1	20	21.48			Yes
4	1.281	49.89	2	20	21.48			Yes
5	2.972	107.4	5	20	21.48			Yes
6	5.923	206.2	10	20	21.48			Yes
7	7.72	266.7	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 1.57728 \cdot A + 15.0858$
 RSD: 4.461 %
 Correlation coefficient: 0.999188



K3 = 0 K2 = 0 K1 = 1.57728 K0 = 15.0858

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	0.2582	8.071	0.75	20	25.17			Yes
3	1.015	31.21	3	20	25.17			Yes
4	2.134	65	6	20	25.17			Yes
5	5.625	166.6	15	20	25.17			Yes
6	12.26	370.2	30	20	25.17			Yes
7	16.19	471.3	37.5	20	25.17			Yes

Report date: 6/12/2018 10:59:22 AM
Printed by: wet

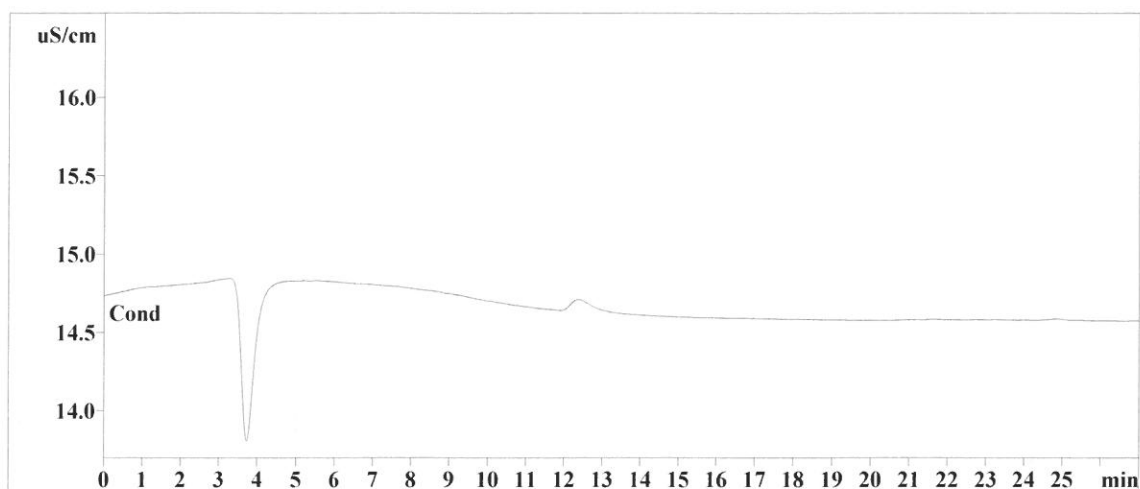
Ident: STD1
Analysis from: 6/11/2018 10:31:49 AM
File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62553

Last save: 6/11/2018 9:33:02 AM

SAMPLE:
: AK/AP
Vial number: 2
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

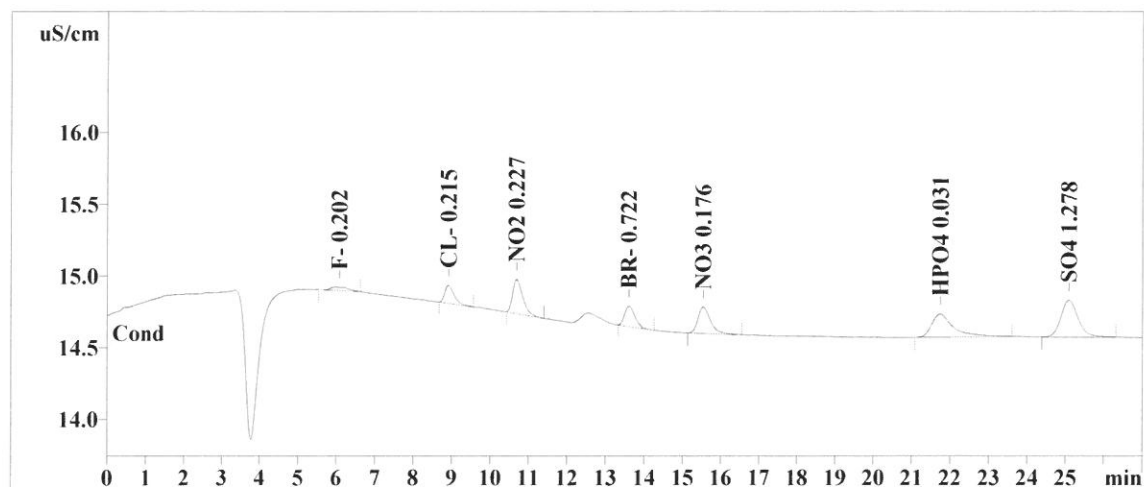
Report date: 6/12/2018 10:59:35 AM
Printed by: wet

Ident: STD2
Analysis from: 6/11/2018 11:01:44 AM
File: _2018-06-11_
Manual peaks!
Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62554

Last save: 6/11/2018 3:12:06 PM

Last save: 6/11/2018 9:33:02 AM

SAMPLE:
:
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	6.08	0.531	0.02	1.96	0.762	2.65	0.
2	8.91	0.252	0.13	11.06	2.138	7.43	0.
3	10.69	0.278	0.24	20.99	4.404	15.31	0.
4	13.61	0.294	0.14	12.58	2.719	9.45	0.
5	15.54	0.336	0.18	16.14	4.199	14.60	0.
6	21.74	0.537	0.16	14.24	6.472	22.50	0.
7	25.09	0.467	0.26	22.64	8.071	28.06	0.
7	27.00	0.385	1.13	99.62	28.765	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2018 10:59:46 AM
Printed by: wet

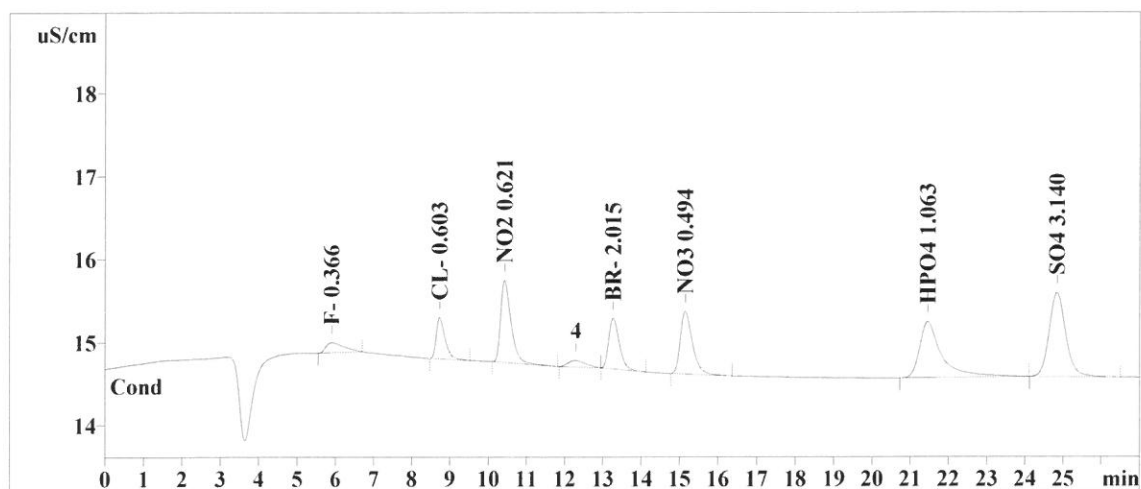
Ident: STD3
Analysis from: 6/11/2018 11:31:39 AM
File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62555

Last save: 6/11/2018 9:33:02 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	5.90	0.535	0.12	2.54	4.025	3.35	0.
2	8.72	0.244	0.50	10.49	8.144	6.78	0.
3	10.42	0.275	0.99	20.84	18.613	15.50	0.
4	13.27	0.292	0.61	12.83	11.702	9.75	0.
5	15.15	0.327	0.75	15.91	16.597	13.82	0.
6	21.46	0.519	0.68	14.27	27.290	22.73	0.
7	24.83	0.459	1.01	21.38	31.205	25.99	0.
7	27.00	0.379	4.66	98.25	117.577	97.93	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2018 10:59:54 AM
 Printed by: wet

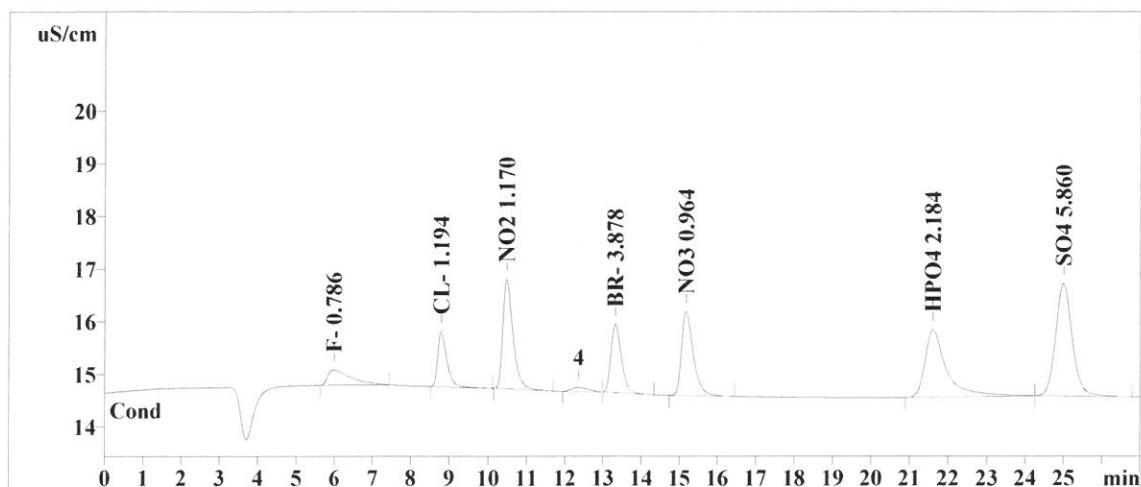
Ident: STD4
 Analysis from: 6/11/2018 12:01:34 PM
 File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62556

Last save: 6/11/2018 9:33:02 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	5.99	0.624	0.29	2.96	12.425	5.07	0.
2	8.79	0.243	1.04	10.64	17.274	7.05	0.
3	10.48	0.272	2.07	21.17	38.417	15.68	0.
4	13.32	0.289	1.29	13.17	24.644	10.06	0.
5	15.18	0.323	1.60	16.36	34.927	14.25	0.
6	21.61	0.503	1.28	13.07	49.889	20.36	0.
7	24.99	0.454	2.13	21.79	64.995	26.52	0.
7	27.00	0.387	9.72	99.16	242.571	98.99	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2018 11:00:02 AM
 Printed by: wet

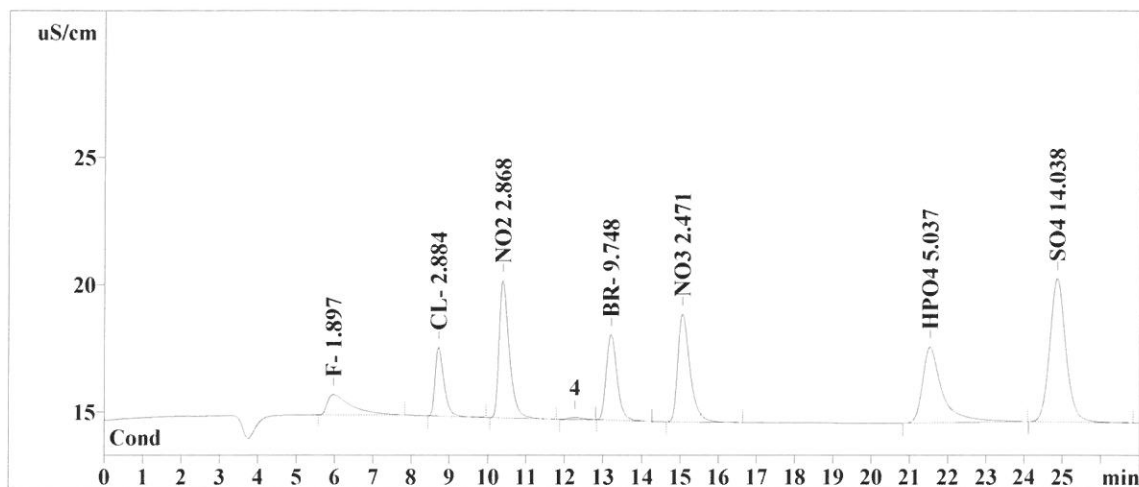
Ident: STD5
 Analysis from: 6/11/2018 12:31:29 PM
 File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62557

Last save: 6/11/2018 9:33:02 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	5.97	0.611	0.80	3.17	34.621	5.65	0.
2	8.71	0.239	2.69	10.69	43.404	7.08	0.
3	10.39	0.272	5.39	21.44	99.643	16.25	0.
4	13.20	0.295	3.35	13.33	65.419	10.67	0.
5	15.06	0.327	4.23	16.84	93.684	15.28	0.
6	21.53	0.472	2.97	11.82	107.418	17.52	0.
7	24.86	0.443	5.62	22.38	166.568	27.17	0.
7	27.00	0.380	25.05	99.67	610.755	99.63	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2018 11:00:10 AM
 Printed by: wet

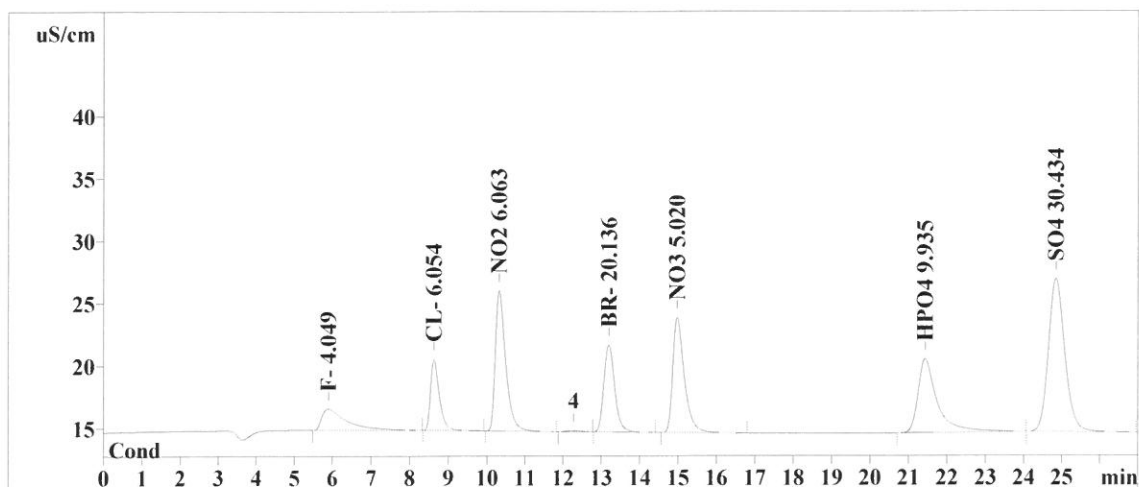
Ident: STD6
 Analysis from: 6/11/2018 1:01:24 PM
 File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62558

Last save: 6/11/2018 9:33:02 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	5.89	0.619	1.71	3.22	77.640	6.00	0.
2	8.62	0.240	5.68	10.72	92.398	7.14	0.
3	10.32	0.283	11.22	21.16	214.906	16.61	0.
4	13.20	0.300	6.96	13.12	137.582	10.63	0.
5	14.97	0.307	9.20	17.35	193.026	14.92	0.
6	21.43	0.459	5.92	11.17	206.201	15.93	0.
7	24.85	0.453	12.26	23.12	370.238	28.61	0.
7	27.00	0.380	52.95	99.86	1291.990	99.84	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2018 11:00:19 AM
Printed by: wet

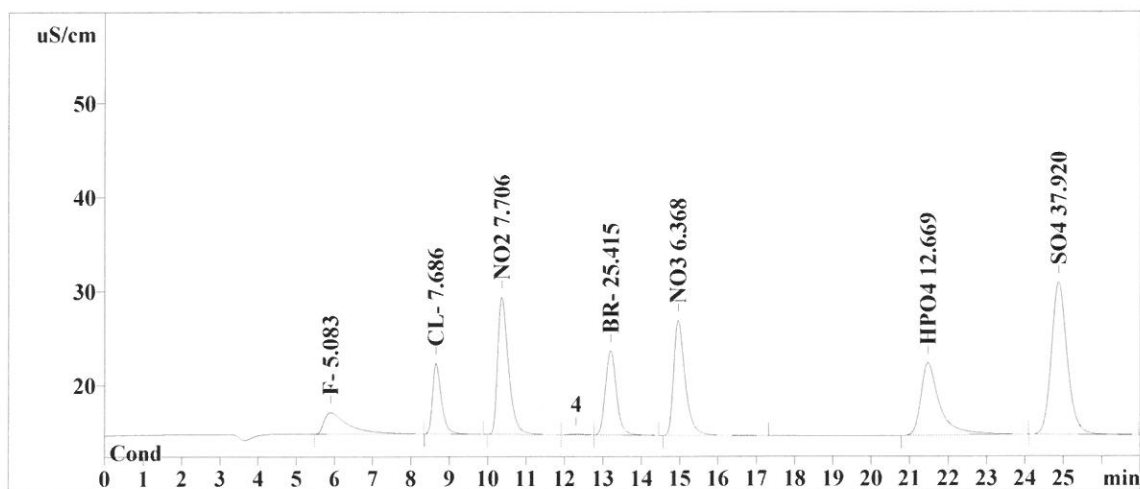
Ident: STD7
Analysis from: 6/11/2018 1:31:19 PM
File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62559

Last save: 6/11/2018 3:12:22 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	5.90	0.612	2.27	3.26	100.945	6.00	0.
2	8.65	0.242	7.47	10.76	122.467	7.28	0.
3	10.36	0.292	14.57	20.99	286.847	17.06	0.
4	13.20	0.305	8.93	12.87	178.843	10.63	0.
5	14.96	0.304	12.18	17.55	253.029	15.04	0.
6	21.47	0.460	7.72	11.13	266.677	15.86	0.
7	24.87	0.436	16.19	23.33	471.268	28.02	0.
7	27.00	0.379	69.32	99.90	1680.077	99.90	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2018 11:00:38 AM
 Printed by: wet

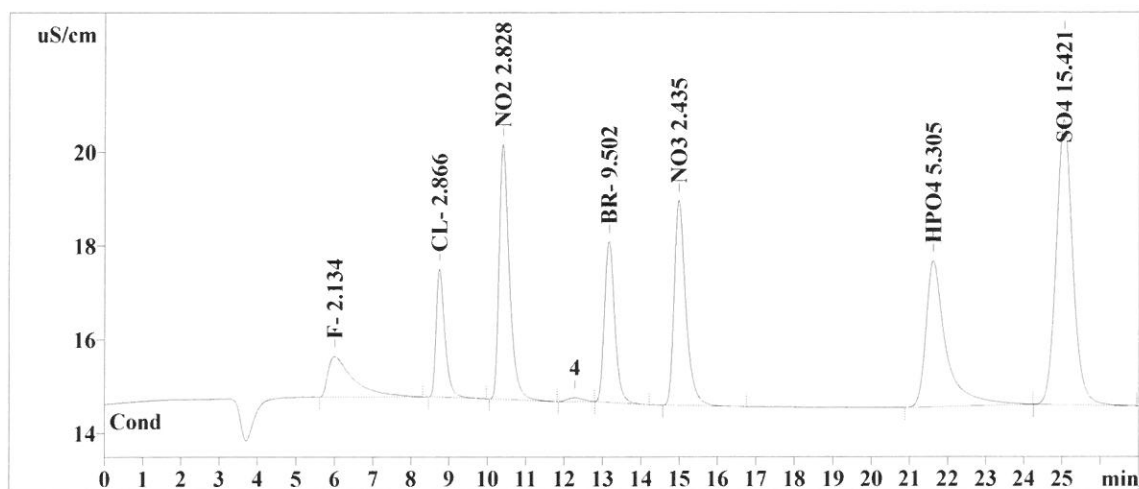
Ident: ICV
 Analysis from: 6/11/2018 3:04:02 PM
 File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62562

Last save: 6/11/2018 3:12:22 PM

SAMPLE:
 : AK/AP
 Vial number: 11
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.00	0.638	0.86	3.30	40.127	6.20	0.
2	8.74	0.240	2.73	10.45	44.246	6.84	0.
3	10.40	0.274	5.43	20.80	101.071	15.62	0.
4	13.16	0.286	3.43	13.15	64.790	10.01	0.
5	14.98	0.317	4.37	16.74	94.097	14.54	0.
6	21.62	0.476	3.12	11.93	114.385	17.68	0.
7	25.04	0.459	6.08	23.29	185.972	28.74	0.
7	27.00	0.384	26.03	99.67	644.688	99.63	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2018 11:00:46 AM
Printed by: wet

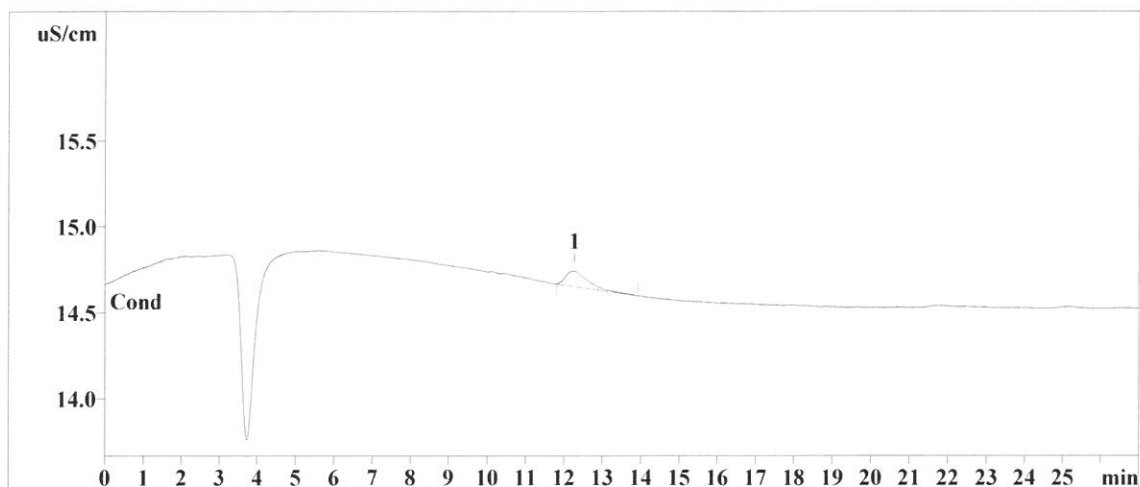
Ident: ICB
Analysis from: 6/11/2018 3:33:57 PM
File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62563

Last save: 6/11/2018 3:12:22 PM

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	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	27.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:37:49 AM
Printed by: wet

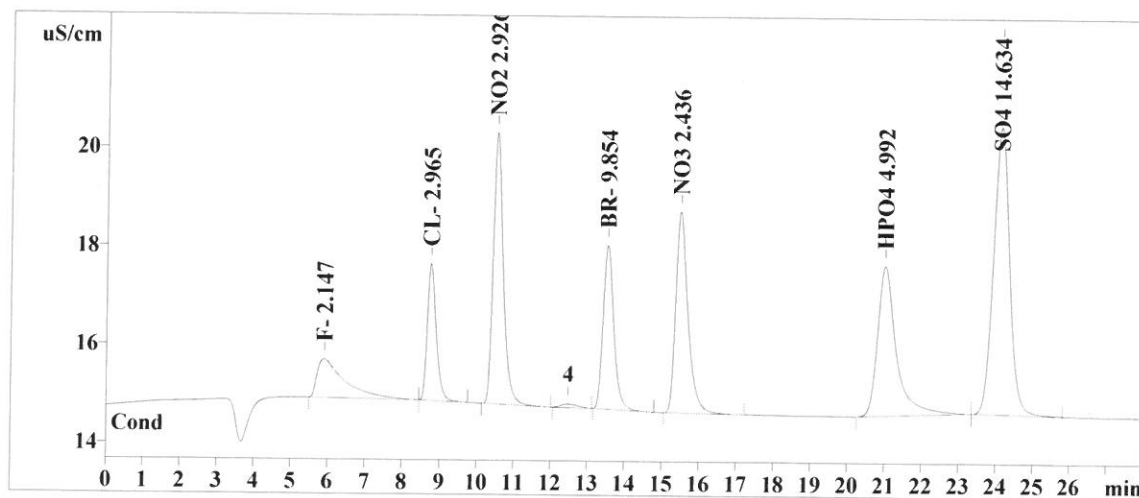
Ident: CCV
Analysis from: 6/15/2018 2:06:06 AM
File: _2018-06-15_

Last save: 6/18/2018 10:37:38 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62672

Last save: 6/12/2018 6:01:04 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	0.697	0.78	3.09	40.400	6.32	0.
2	8.74	0.247	2.78	10.94	45.858	7.18	0.
3	10.52	0.282	5.50	21.66	104.814	16.41	0.
4	13.53	0.305	3.32	13.06	67.313	10.54	0.
5	15.47	0.339	4.08	16.06	94.120	14.73	0.
6	21.00	0.479	3.04	11.95	107.903	16.89	0.
7	24.11	0.456	5.83	22.94	176.000	27.55	0.
7	28.00	0.401	25.33	99.70	636.407	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:37:56 AM
Printed by: wet

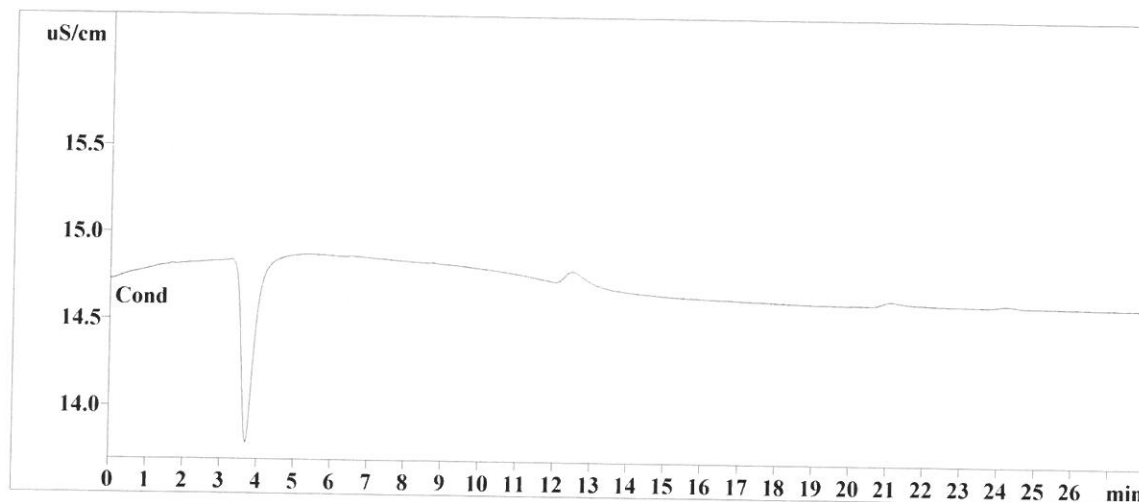
Ident: CCB
Analysis from: 6/15/2018 2:37:01 AM
File: _2018-06-15_

Last save: 6/18/2018 10:37:38 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62673

Last save: 6/12/2018 6:01:04 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: 6/18/2018 10:02:50 AM
Printed by: wet

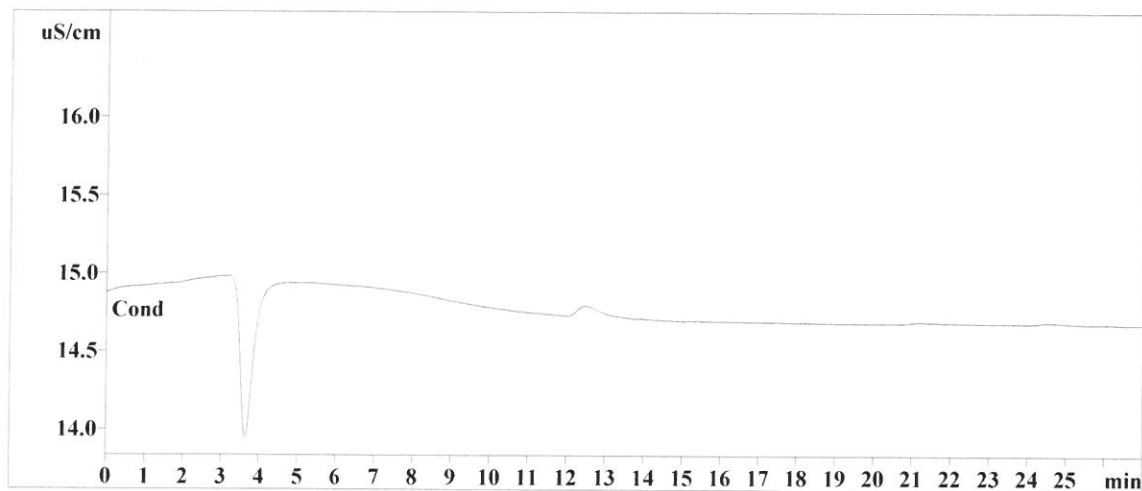
Ident: LB96071BLW
Analysis from: 6/15/2018 8:52:43 AM
File: _2018-06-15_

Last save: 6/18/2018 10:02:50 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62677

Last save: 6/15/2018 8:48:46 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: 6/18/2018 10:02:58 AM

Printed by: wet

Ident:

LB9507IBSW

Analysis from:

6/15/2018 9:22:39 AM

File:

2018-06-15

Last save: 6/18/2018 10:02:10 AM

Method:

ANIONS 06-11-18.mtw

Run operator:

wet

Last save: 6/15/2018 8:48:46 AM

Analysis number:

62678

SAMPLE:

:

AK/AP

Vial number:

5

Volume:

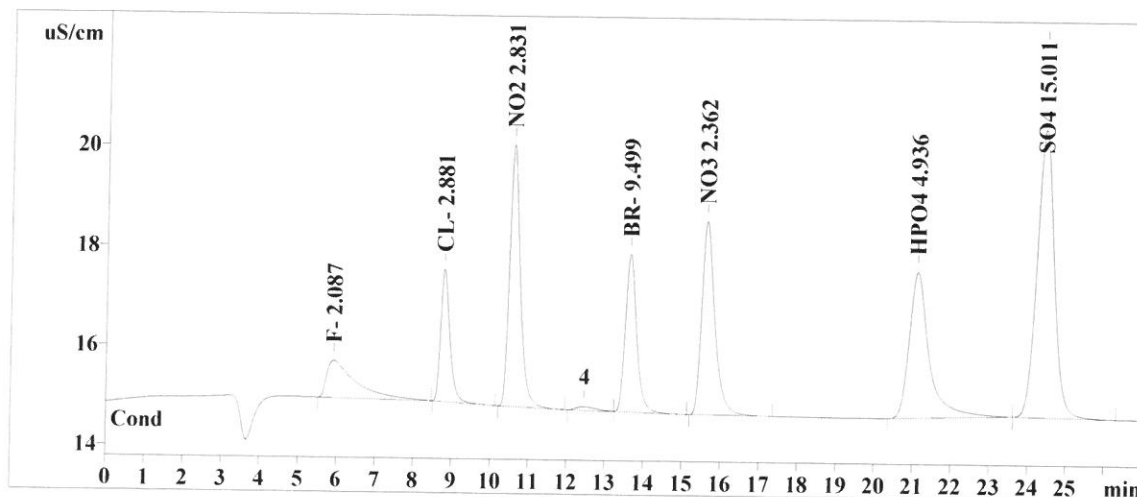
20.0 µL

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	5.92	0.712	0.75	3.05	39.164	6.21	0.
2	8.78	0.249	2.66	10.87	44.491	7.05	0.
3	10.56	0.287	5.24	21.44	101.168	16.04	0.
4	13.62	0.308	3.16	12.92	64.772	10.27	0.
5	15.60	0.345	3.87	15.86	91.130	14.44	0.
6	21.10	0.492	2.92	11.97	106.756	16.92	0.
7	24.41	0.475	5.76	23.58	180.779	28.65	0.
7	27.00	0.410	24.36	99.68	628.259	99.58	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:04:17 AM
Printed by: wet

Ident: J3522-01 02
Analysis from: 6/15/2018 9:53:59 AM
File: _2018-06-15_

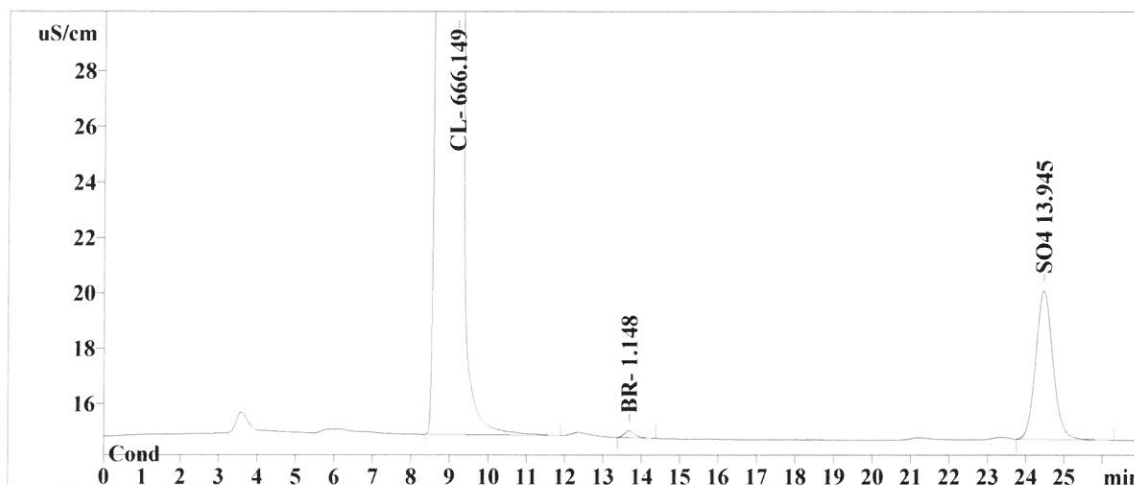
AK
6-21-18

Last save: 6/18/2018 10:04:18 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62679

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 52
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	9.18	0.419	433.87	98.65	10807.704	98.43	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.68	0.294	0.25	0.06	4.919	0.04	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	24.46	0.473	5.36	1.22	167.261	1.52	0.
7	27.00	0.169	439.49	99.93	10979.884	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:07:26 AM
Printed by: wet

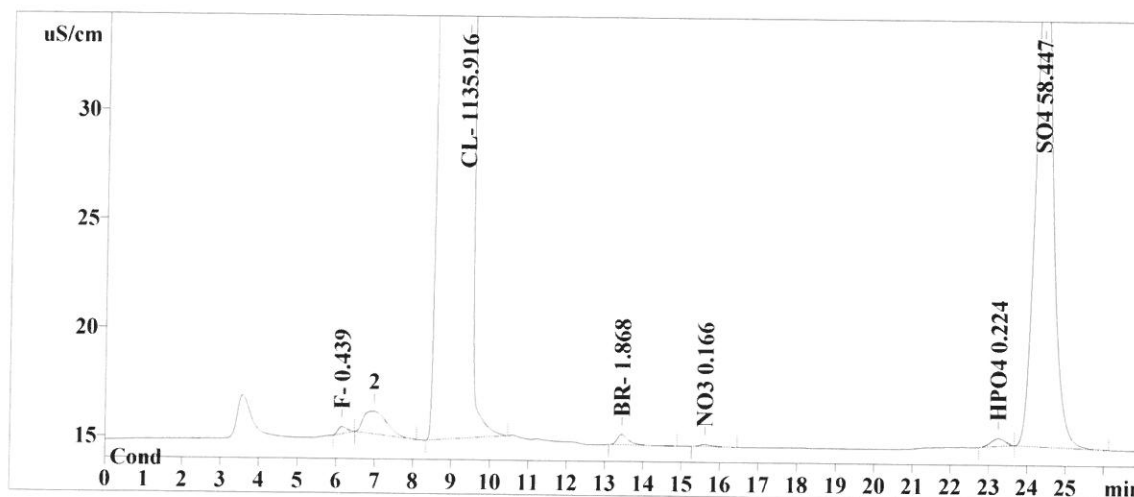
Ident: J3525-01
Analysis from: 6/15/2018 10:23:59 AM
File: _2018-06-15_

Last save: 6/18/2018 10:07:26 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62680

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 53
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	6.15	0.258	0.33	0.06	5.175	0.03	0.
2	9.36	0.576	552.76	95.47	18430.878	95.83	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.44	0.293	0.48	0.08	10.074	0.05	0.
5	15.61	0.369	0.10	0.02	2.386	0.01	0.
6	23.24	0.420	0.36	0.06	9.310	0.05	0.
7	24.33	0.463	23.62	4.08	731.549	3.80	0.
7	27.00	0.340	577.64	99.77	19189.373	99.77	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:07:43 AM
Printed by: wet

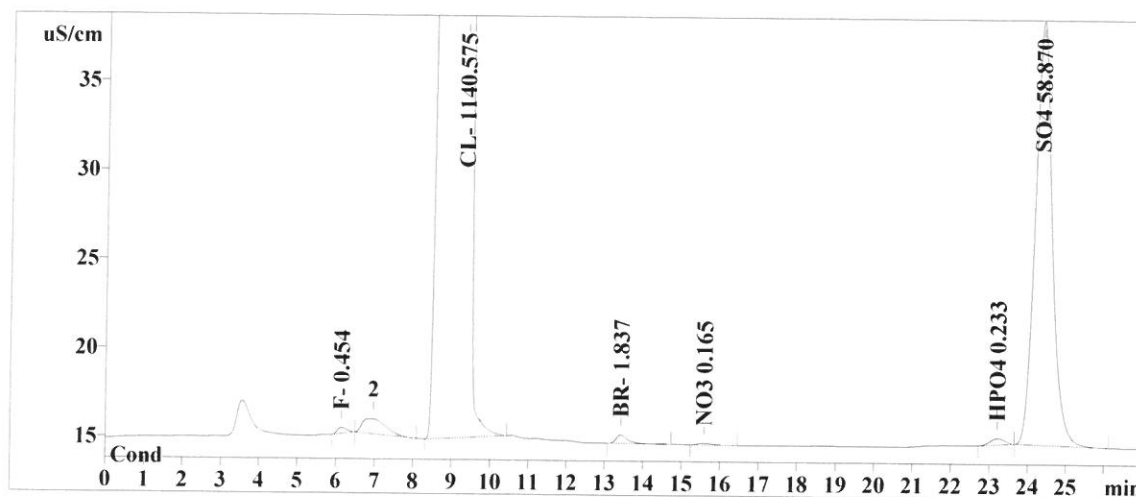
Ident: J3525-01DUP
Analysis from: 6/15/2018 10:53:55 AM
File: _2018-06-15_

Last save: 6/15/2018 11:20:44 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62681

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 54
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	0.266	0.33	0.06	5.497	0.03	0.
2	9.33	0.580	553.06	95.48	18506.479	95.86	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.43	0.290	0.48	0.08	9.855	0.05	0.
5	15.59	0.360	0.10	0.02	2.354	0.01	0.
6	23.21	0.423	0.36	0.06	9.489	0.05	0.
7	24.32	0.464	23.75	4.10	736.906	3.82	0.
7	27.00	0.340	578.09	99.80	19270.580	99.82	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:10:24 AM
Printed by: wet

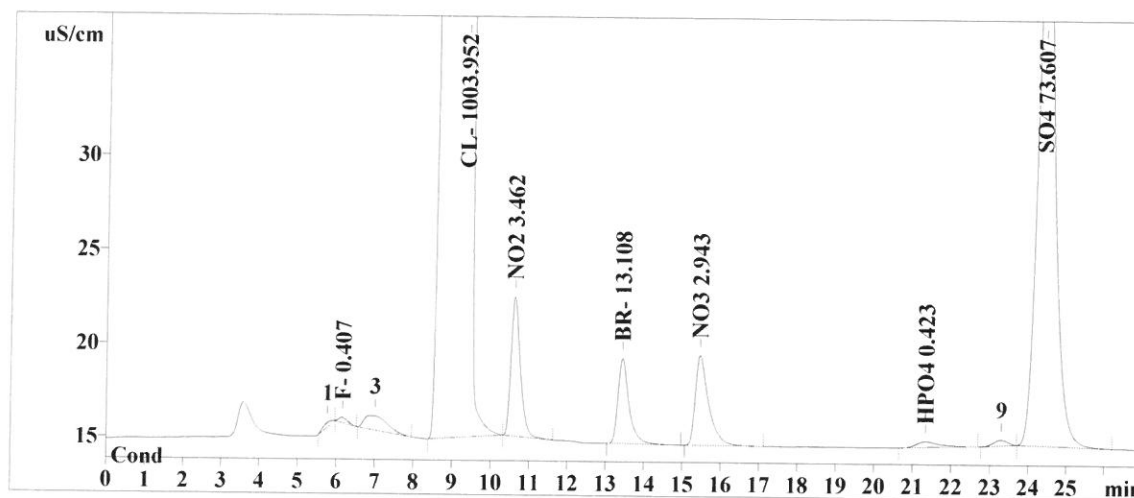
Ident: J3525-02MS
Analysis from: 6/15/2018 11:23:50 AM
File: _2018-06-15_

Last save: 6/18/2018 10:10:24 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62682

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 55
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	6.17	0.255	0.29	0.05	4.515	0.03	0.
2	9.33	0.534	525.20	91.49	16289.416	92.53	0.
3	10.60	0.254	7.42	1.29	125.222	0.71	0.
4	13.43	0.284	4.54	0.79	90.634	0.51	0.
5	15.45	0.343	4.79	0.83	114.626	0.65	0.
6	21.33	0.599	0.31	0.05	13.412	0.08	0.
7	24.37	0.462	30.03	5.23	923.774	5.25	0.
7	27.00	0.390	572.57	99.74	17561.600	99.76	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:10:38 AM
Printed by: wet

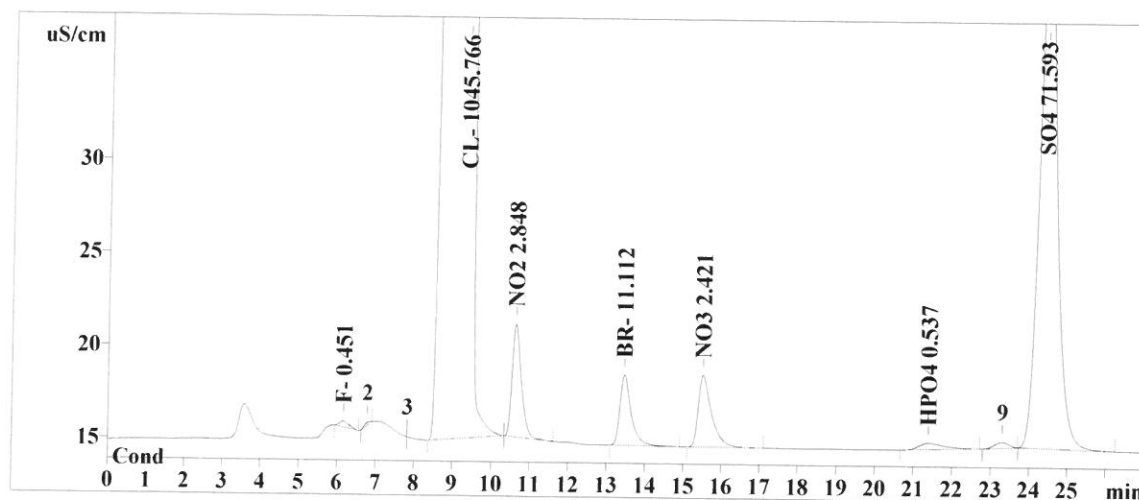
Ident: J3525-03MSD
Analysis from: 6/15/2018 11:53:46 AM
File: _2018-06-15_

Last save: 6/18/2018 10:02:10 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62683

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 56
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	6.17	0.276	0.32	0.06	5.421	0.03	0.
2	9.34	0.551	530.73	92.29	16967.962	93.39	0.
3	10.62	0.251	6.09	1.06	101.839	0.56	0.
4	13.45	0.285	3.79	0.66	76.328	0.42	0.
5	15.51	0.347	3.87	0.67	93.524	0.51	0.
6	21.39	0.663	0.35	0.06	15.774	0.09	0.
7	24.38	0.463	29.06	5.05	898.235	4.94	0.
7	27.00	0.405	574.20	99.85	18159.083	99.95	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:12:16 AM
Printed by: wet

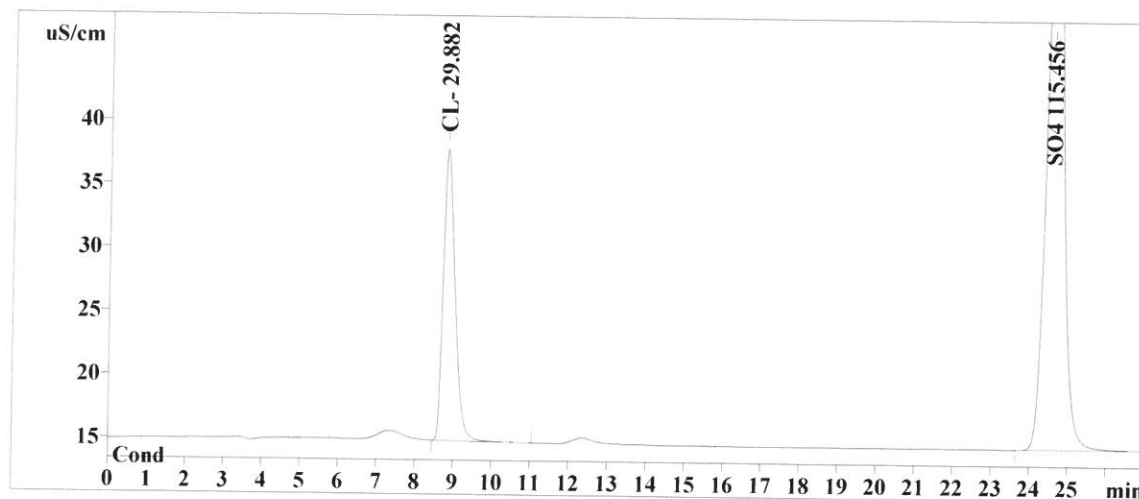
Ident: J3552-01
Analysis from: 6/15/2018 12:23:41 PM
File: _2018-06-15_

Last save: 6/18/2018 10:12:08 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62684

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	8.80	0.326	22.86	31.66	482.657	24.92	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	24.57	0.447	49.36	68.34	1454.423	75.08	0.
7	27.00	0.110	72.22	100.00	1937.080	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:14:37 AM
Printed by: wet

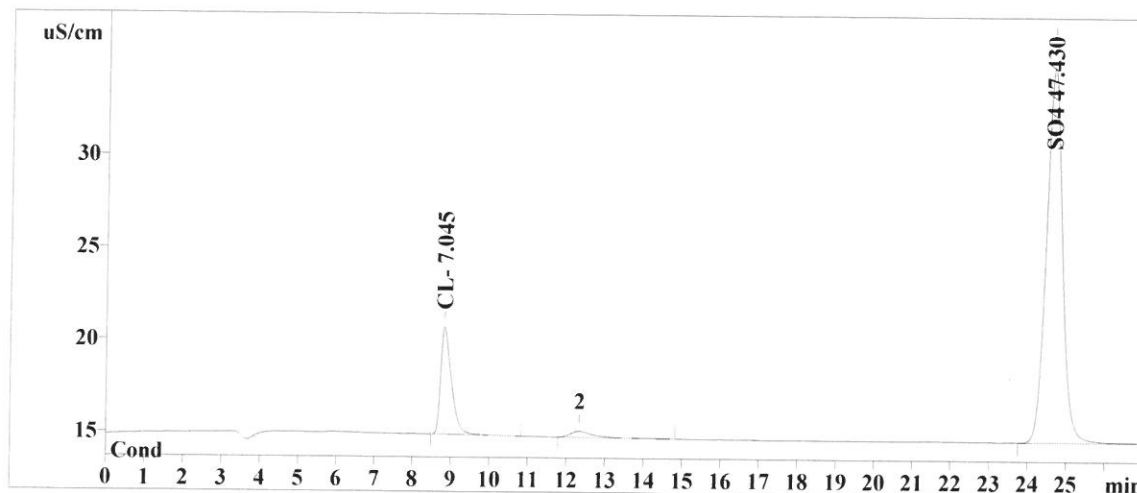
Ident: J3552-02
Analysis from: 6/15/2018 12:53:37 PM
File: _2018-06-15_

Last save: 6/15/2018 1:20:26 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62685

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	8.82	0.292	5.79	21.95	112.065	15.61	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	24.63	0.439	20.25	76.78	591.843	82.46	0.
7	27.00	0.104	26.05	98.73	703.908	98.07	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:15:57 AM
Printed by: wet

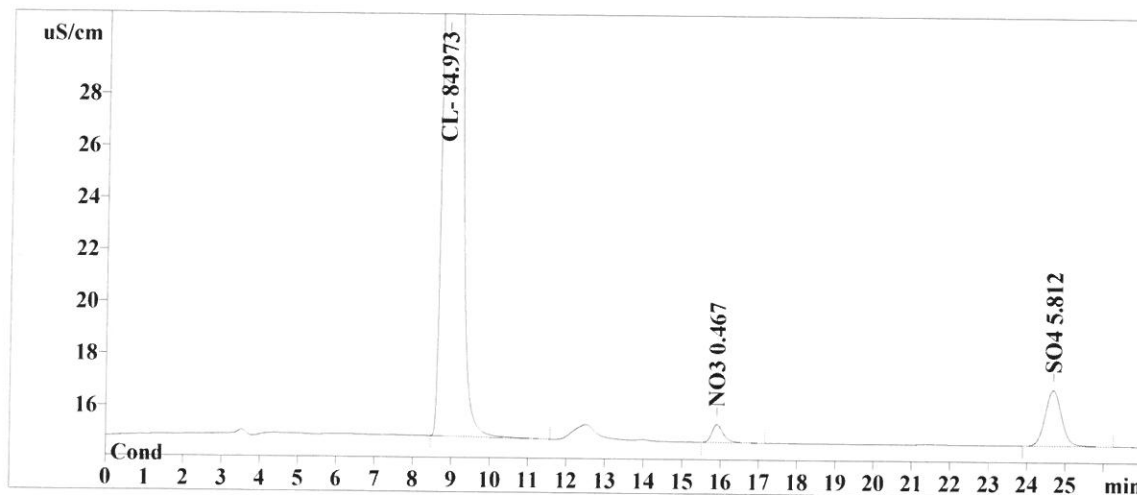
Ident: J3552-03
Analysis from: 6/15/2018 1:23:32 PM
File: _2018-06-15_

Last save: 6/18/2018 10:15:56 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62686

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
:
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	8.84	0.379	57.70	95.33	1376.636	94.59	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.90	0.313	0.69	1.14	14.549	1.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.68	0.455	2.14	3.53	64.135	4.41	0.
7	27.00	0.164	60.52	99.99	1455.319	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:16:30 AM
 Printed by: wet

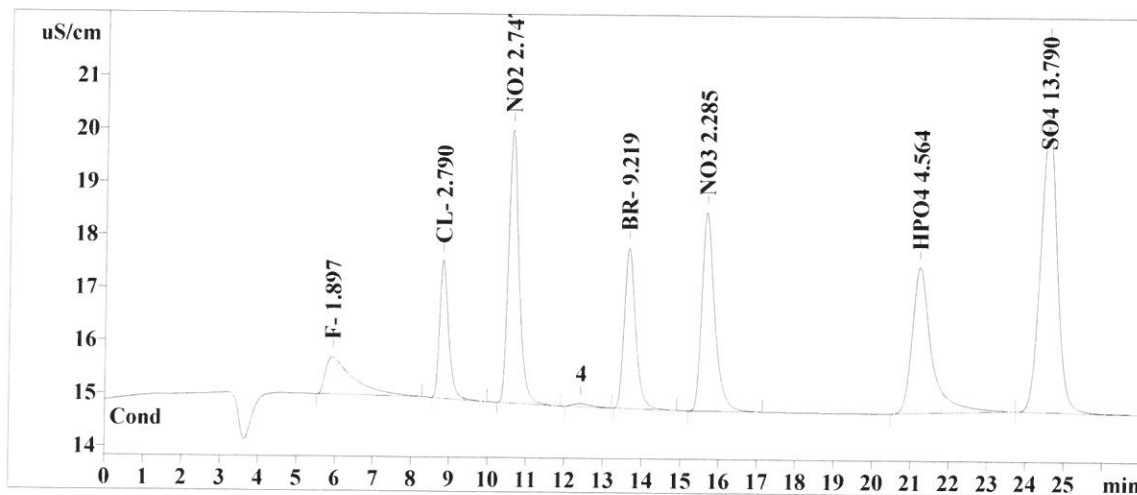
Ident: CCV
 Analysis from: 6/15/2018 1:53:28 PM
 File: _2018-06-15_

Last save: 6/15/2018 2:20:18 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62687

Last save: 6/15/2018 8:48:46 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	5.92	0.690	0.70	2.98	35.243	5.94	0.
2	8.81	0.246	2.60	11.08	43.014	7.25	0.
3	10.60	0.282	5.16	22.00	97.980	16.51	0.
4	13.64	0.310	3.03	12.91	62.761	10.57	0.
5	15.65	0.344	3.75	15.98	88.026	14.83	0.
6	21.21	0.480	2.76	11.75	99.064	16.69	0.
7	24.55	0.462	5.41	23.03	165.290	27.85	0.
7	27.00	0.402	23.42	99.73	591.378	99.64	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/18/2018 10:16:52 AM
Printed by: wet

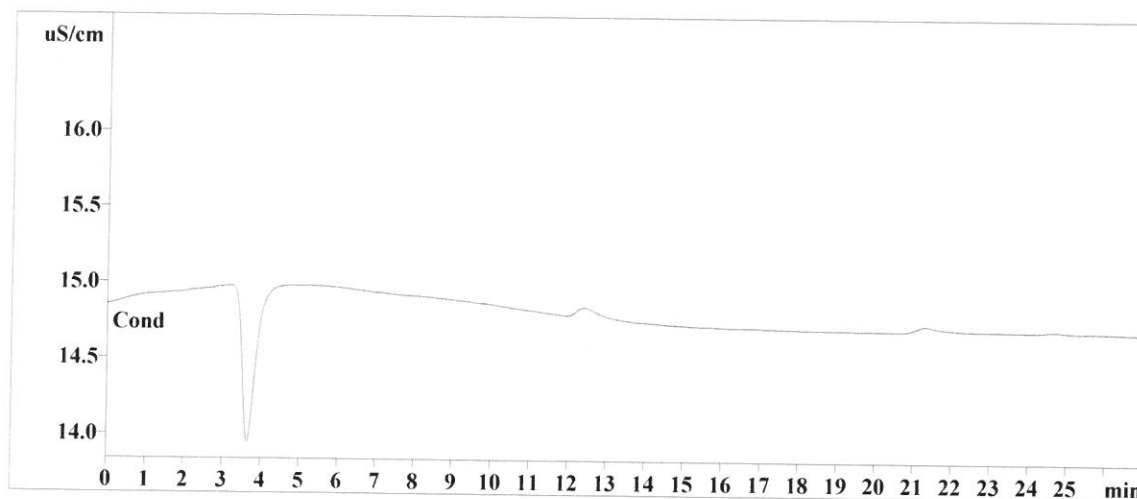
Ident: CCB
Analysis from: 6/15/2018 2:24:49 PM
File: _2018-06-15_

Last save: 6/18/2018 10:16:50 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62688

Last save: 6/15/2018 8:48:46 AM

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

Report date: 6/18/2018 10:17:15 AM
 Printed by: wet

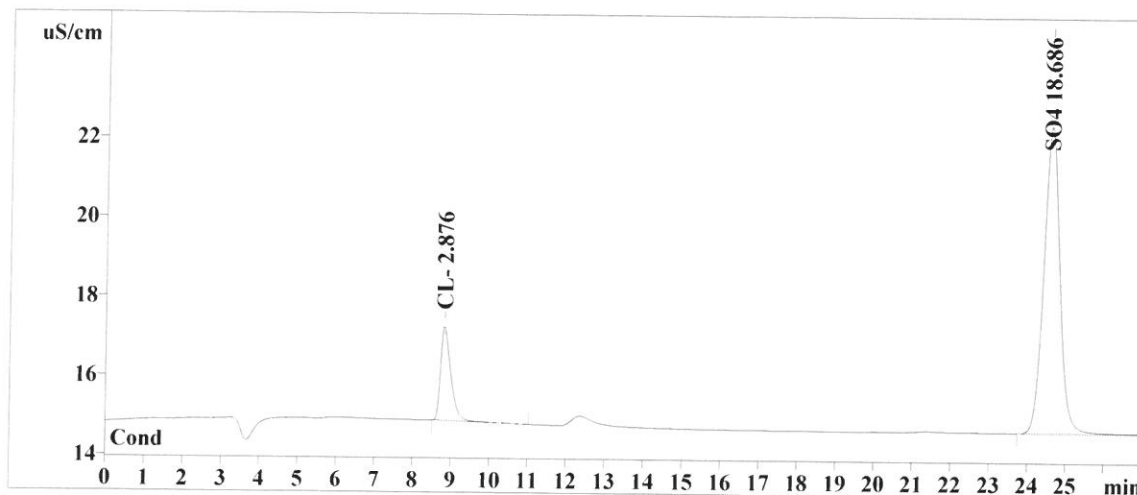
Ident: J3552-04
 Analysis from: 6/15/2018 2:54:44 PM
 File: _2018-06-15_

Last save: 6/18/2018 10:17:16 AM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62689

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
 : 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	8.82	0.279	2.36	23.40	44.412	16.34	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	24.58	0.443	7.71	76.60	227.377	83.66	0.
7	27.00	0.103	10.07	100.00	271.789	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/18/2018 10:17:59 AM
Printed by: wet

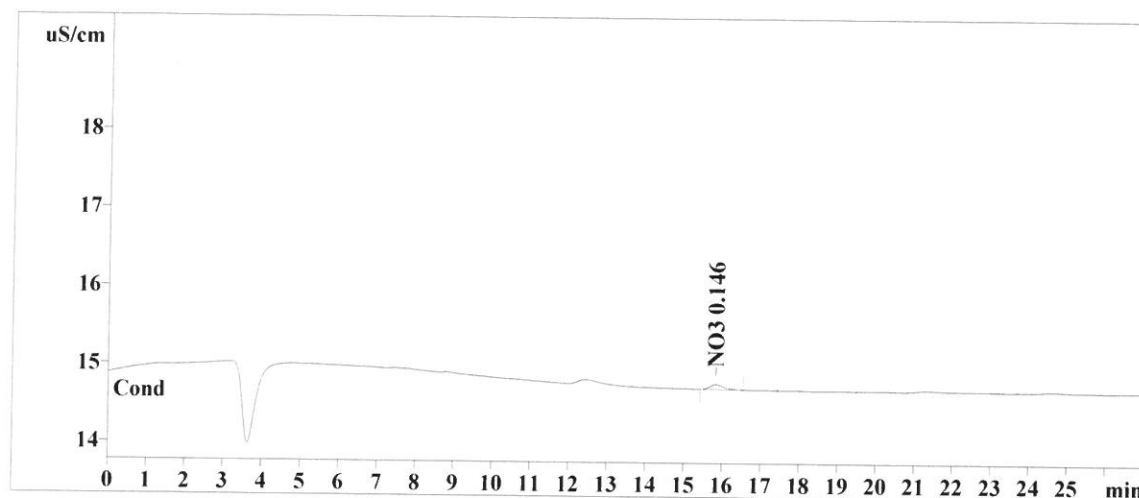
Ident: J3541-01
Analysis from: 6/15/2018 3:24:40 PM
File: _2018-06-15_

Last save: 6/18/2018 10:18:00 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62690

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
:
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	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	15.83	0.371	0.06	98.30	1.595	100.00	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	27.00	0.053	0.06	98.30	1.595	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:18:23 AM
Printed by: wet

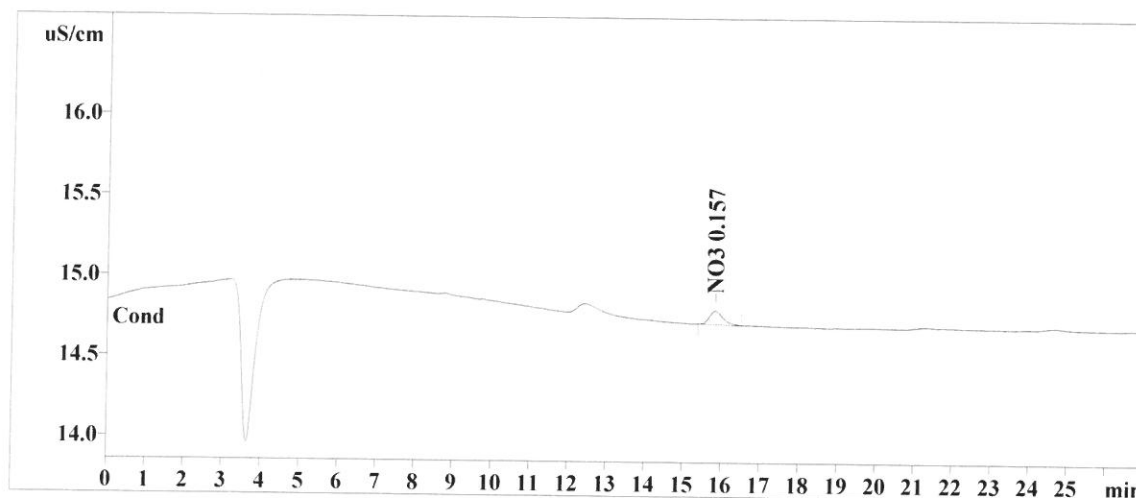
Ident: J3541-02
Analysis from: 6/15/2018 3:54:35 PM
File: _2018-06-15_

Last save: 6/18/2018 10:18:22 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62691

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	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	15.83	0.368	0.08	99.08	2.054	100.00	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	27.00	0.053	0.08	99.08	2.054	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:19:28 AM
Printed by: wet

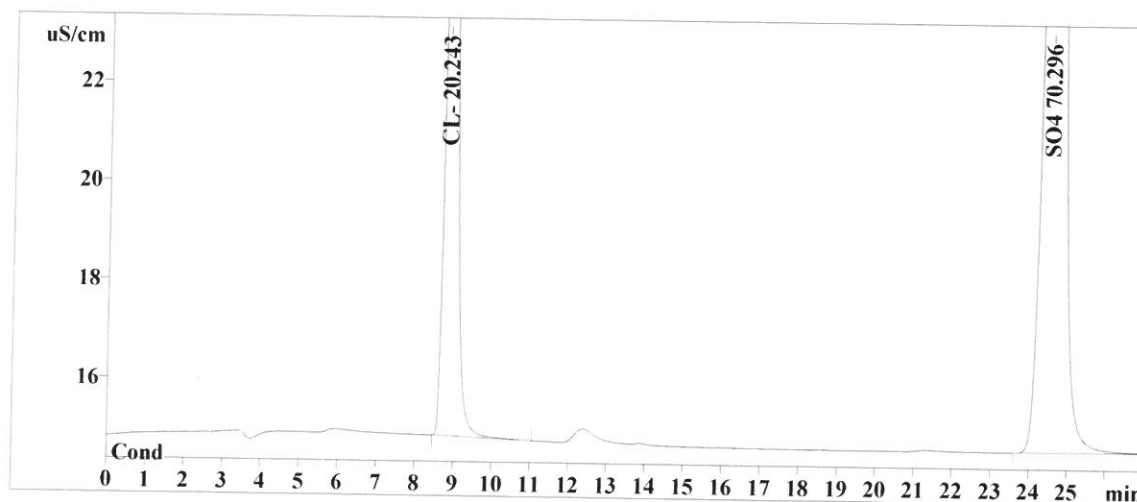
Ident: J3561-01
Analysis from: 6/15/2018 4:24:31 PM
File: _2018-06-15_

Last save: 6/18/2018 10:19:28 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62692

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.80	0.276	17.74	36.77	326.226	27.01	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	24.52	0.436	30.50	63.22	881.786	72.99	0.
7	27.00	0.102	48.24	100.00	1208.012	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:21:39 AM
 Printed by: wet

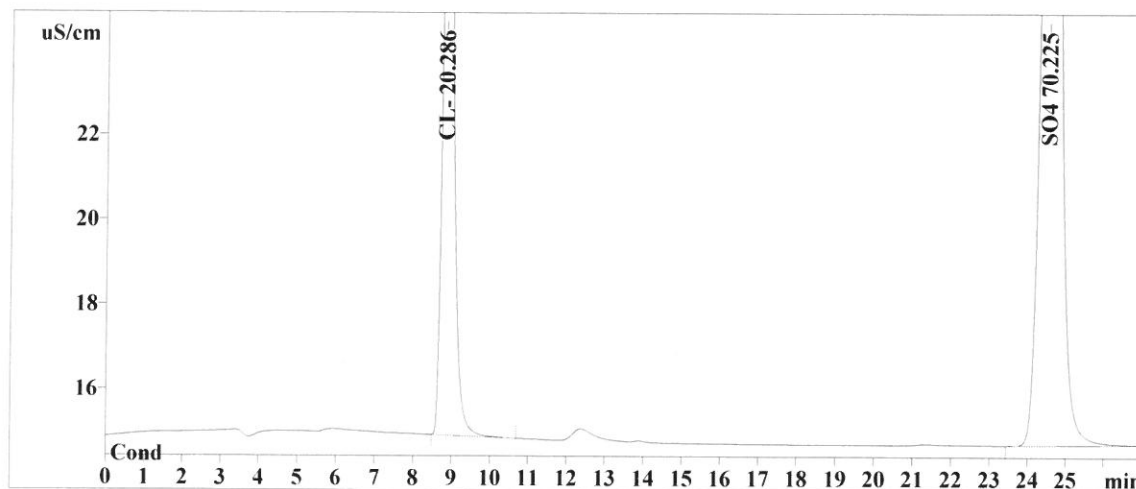
Ident: J3561-02
 Analysis from: 6/15/2018 4:54:26 PM
 File: _2018-06-15_

Last save: 6/18/2018 10:21:40 AM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62693

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
 : 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	8.81	0.278	17.66	36.85	326.923	27.07	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	24.52	0.438	30.27	63.15	880.889	72.93	0.
7	27.00	0.102	47.94	100.00	1207.812	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/18/2018 10:24:04 AM
Printed by: wet

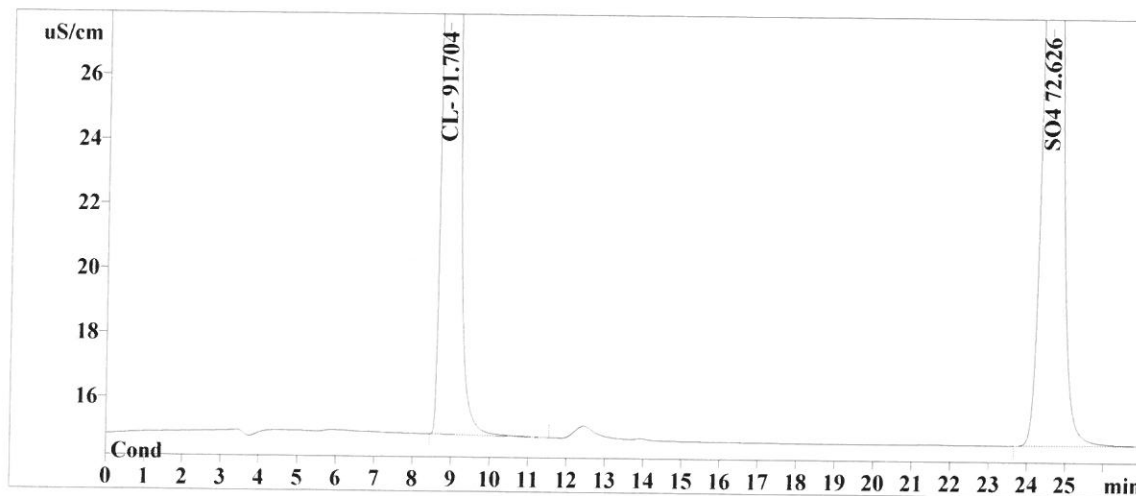
Ident: J3561-03
Analysis from: 6/15/2018 5:24:22 PM
File: _2018-06-15_

Last save: 6/18/2018 10:22:08 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62694

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	8.84	0.286	78.93	71.25	1485.872	61.98	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	24.56	0.431	31.85	28.75	911.339	38.02	0.
7	27.00	0.102	110.78	100.00	2397.211	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:24:29 AM
Printed by: wet

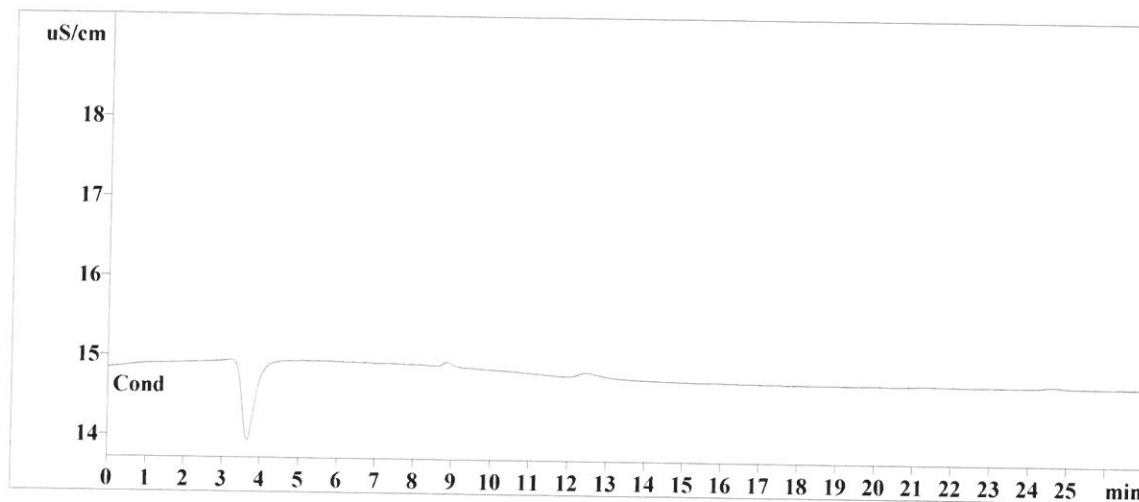
Ident: J3561-04
Analysis from: 6/15/2018 5:54:17 PM
File: _2018-06-15_

Last save: 6/18/2018 10:24:26 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62695

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 75
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: 6/18/2018 10:27:18 AM
 Printed by: wet

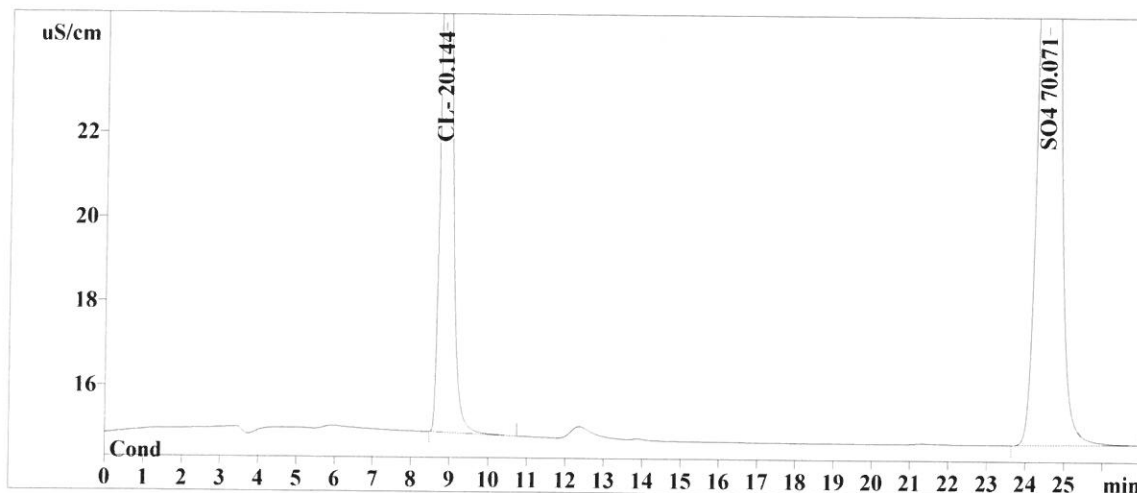
Ident: J3561-01DUP
 Analysis from: 6/15/2018 6:24:13 PM
 File: _2018-06-15_

Last save: 6/18/2018 10:27:20 AM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62696

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
 : 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	8.80	0.276	17.67	36.85	324.624	26.97	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	24.50	0.437	30.27	63.14	878.944	73.03	0.
7	27.00	0.102	47.94	100.00	1203.568	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/18/2018 10:28:27 AM
 Printed by: wet

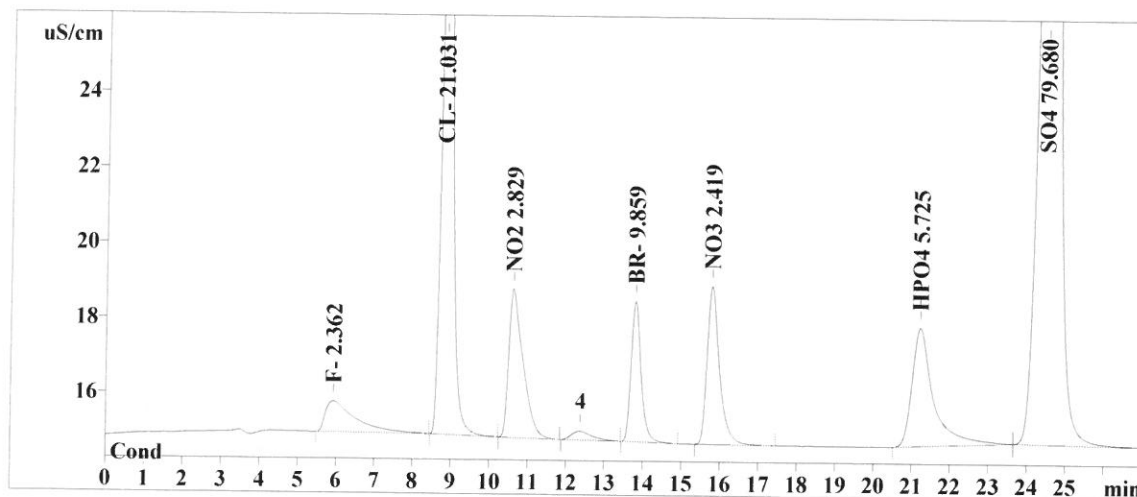
Ident: J3561-01MS
 Analysis from: 6/15/2018 6:54:08 PM
 File: _2018-06-15_

Last save: 6/15/2018 7:20:58 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62697

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
 : 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	5.92	0.753	0.82	1.20	44.833	2.52	0.
2	8.78	0.270	18.85	27.41	339.020	19.06	0.
3	10.60	0.392	3.94	5.73	101.113	5.69	0.
4	13.79	0.268	3.73	5.42	67.346	3.79	0.
5	15.77	0.324	4.19	6.10	93.442	5.25	0.
6	21.20	0.506	3.14	4.56	123.073	6.92	0.
7	24.46	0.447	33.87	49.24	1000.778	56.28	0.
7	27.00	0.423	68.55	99.66	1769.606	99.51	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/18/2018 10:28:37 AM
 Printed by: wet

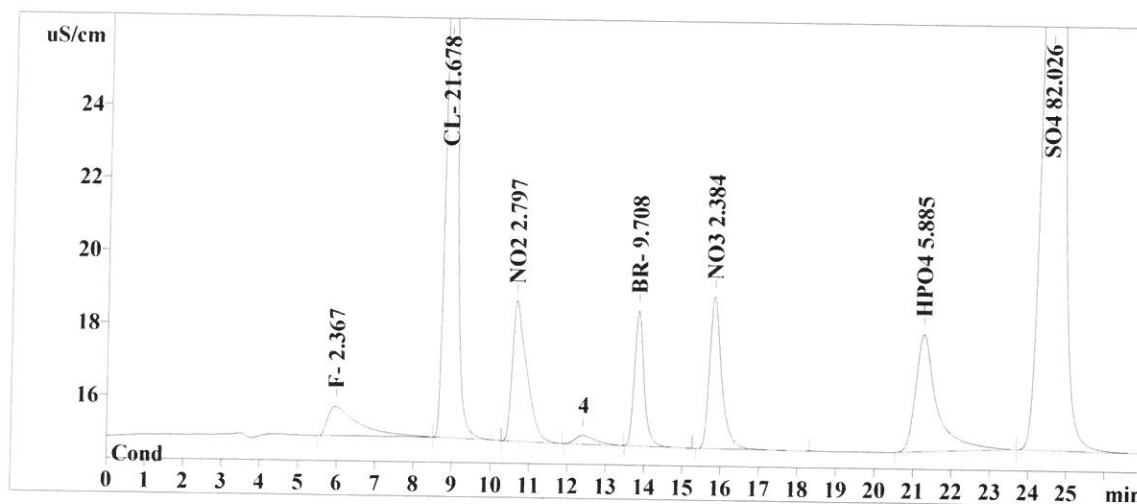
Ident: J3561-01MSD
 Analysis from: 6/15/2018 7:24:03 PM
 File: _2018-06-15_

Last save: 6/15/2018 7:50:52 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62698

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
 : 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	5.96	0.756	0.81	1.15	44.945	2.47	0.
2	8.84	0.270	19.45	27.58	349.514	19.22	0.
3	10.64	0.397	3.85	5.47	99.878	5.49	0.
4	13.83	0.265	3.70	5.25	66.264	3.64	0.
5	15.80	0.321	4.17	5.91	92.037	5.06	0.
6	21.24	0.503	3.22	4.57	126.383	6.95	0.
7	24.51	0.444	35.07	49.73	1030.528	56.67	0.
7	27.00	0.422	70.28	99.65	1809.549	99.52	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/18/2018 10:28:54 AM
Printed by: wet

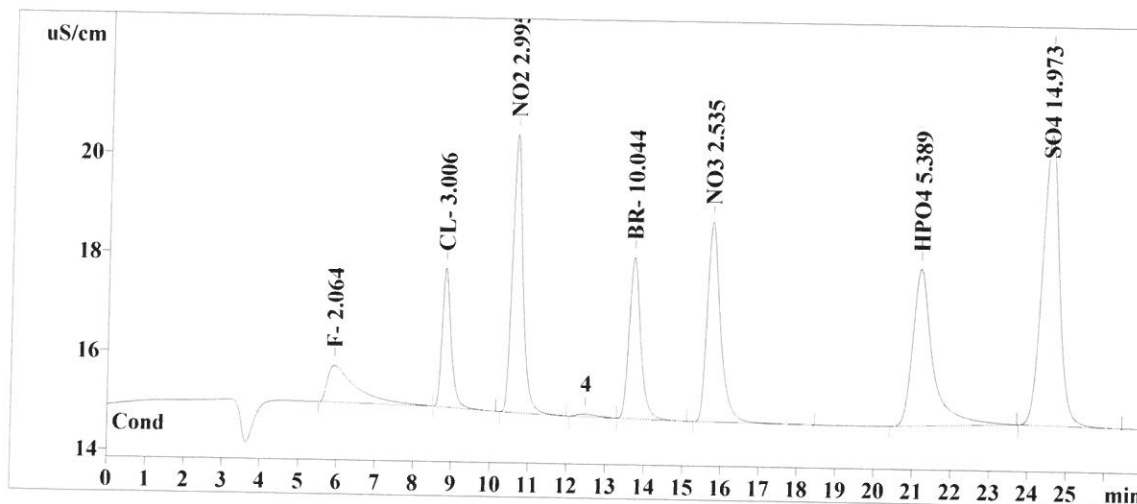
Ident: CCV
Analysis from: 6/15/2018 7:53:59 PM
File: _2018-06-15_

Last save: 6/15/2018 8:20:48 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62699

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	5.92	0.706	0.74	2.92	38.682	5.88	0.
2	8.80	0.247	2.79	10.96	46.526	7.07	0.
3	10.61	0.285	5.60	21.98	107.432	16.33	0.
4	13.69	0.316	3.25	12.75	68.675	10.44	0.
5	15.71	0.356	4.02	15.78	98.115	14.92	0.
6	21.17	0.485	3.16	12.40	116.110	17.65	0.
7	24.51	0.465	5.86	22.98	180.296	27.41	0.
7	27.00	0.408	25.43	99.76	655.837	99.70	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:29:11 AM
Printed by: wet

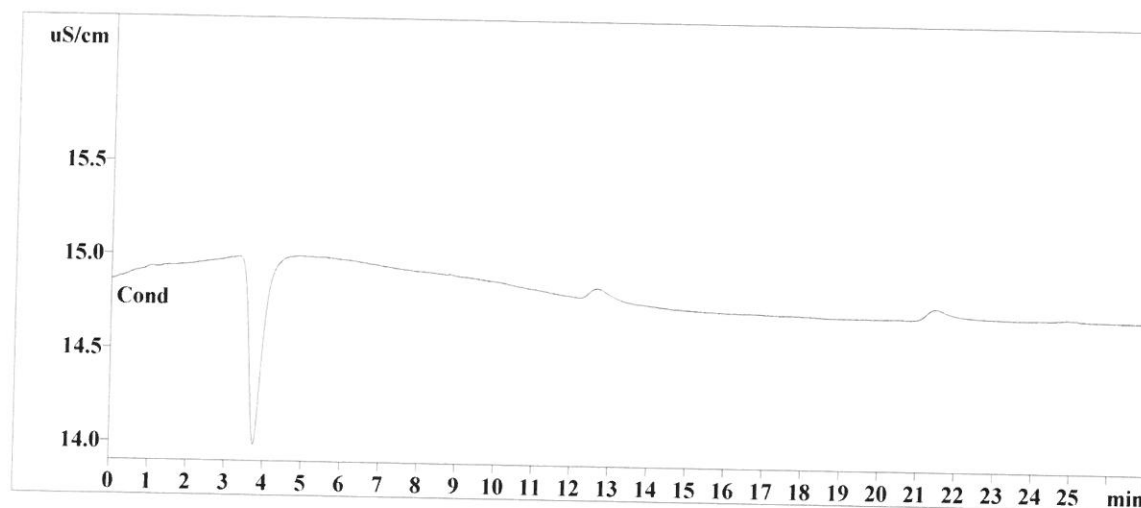
Ident: CCB
Analysis from: 6/15/2018 8:23:54 PM
File: _2018-06-15_

Last save: 6/18/2018 10:29:10 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62700

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
:
Vial number: 68
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: 6/18/2018 10:30:11 AM
Printed by: wet

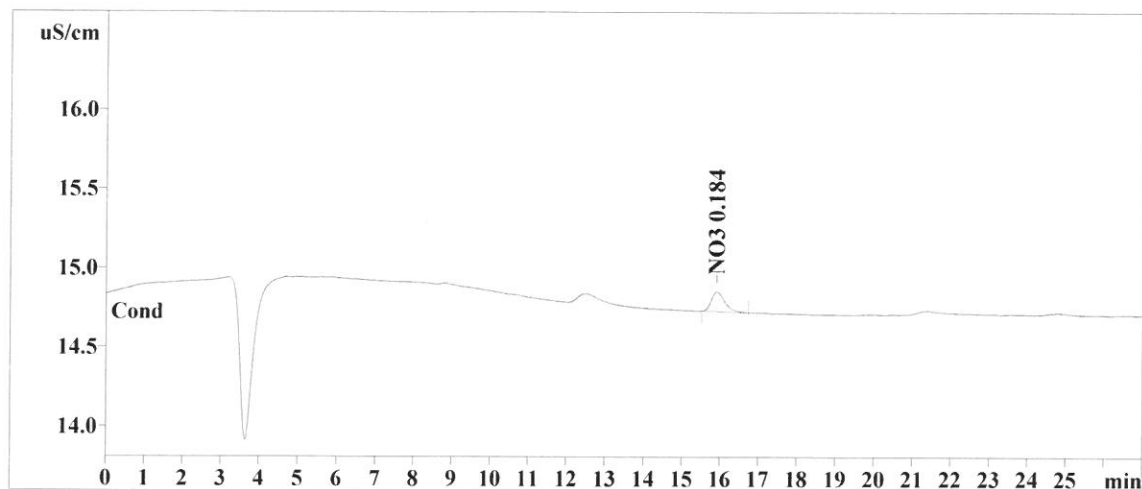
Ident: J3541-03
Analysis from: 6/15/2018 8:53:50 PM
File: _2018-06-15_

Last save: 6/18/2018 10:30:10 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62701

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	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	15.91	0.376	0.13	99.47	3.139	100.00	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	27.00	0.054	0.13	99.47	3.139	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:31:10 AM
Printed by: wet

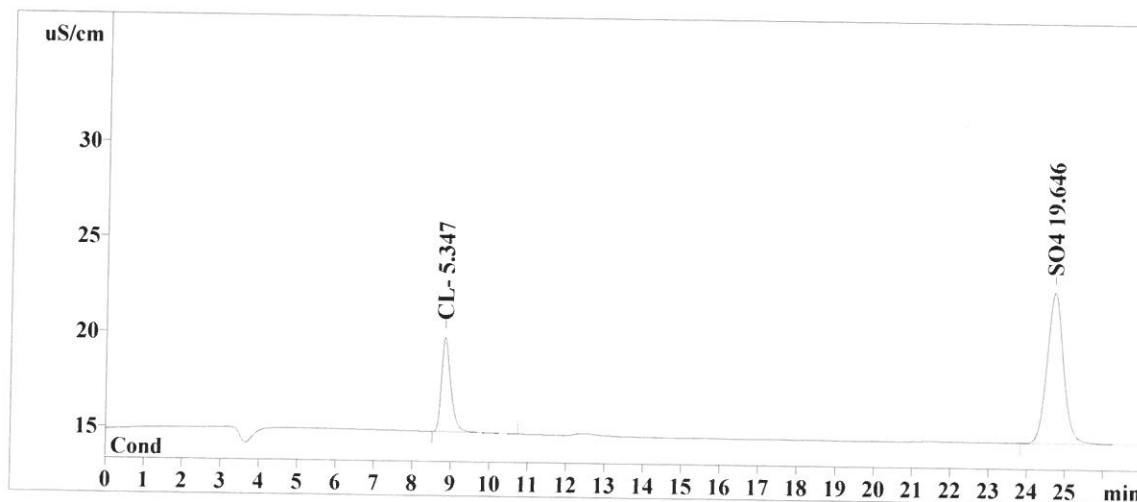
Ident: J3552-01DLX5
Analysis from: 6/15/2018 9:23:45 PM
File: _2018-06-15_

Last save: 6/18/2018 10:31:08 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62702

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	8.83	0.252	4.95	38.50	84.504	26.08	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	24.70	0.454	7.91	61.49	239.548	73.92	0.
7	27.00	0.101	12.86	99.99	324.052	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:31:46 AM
Printed by: wet

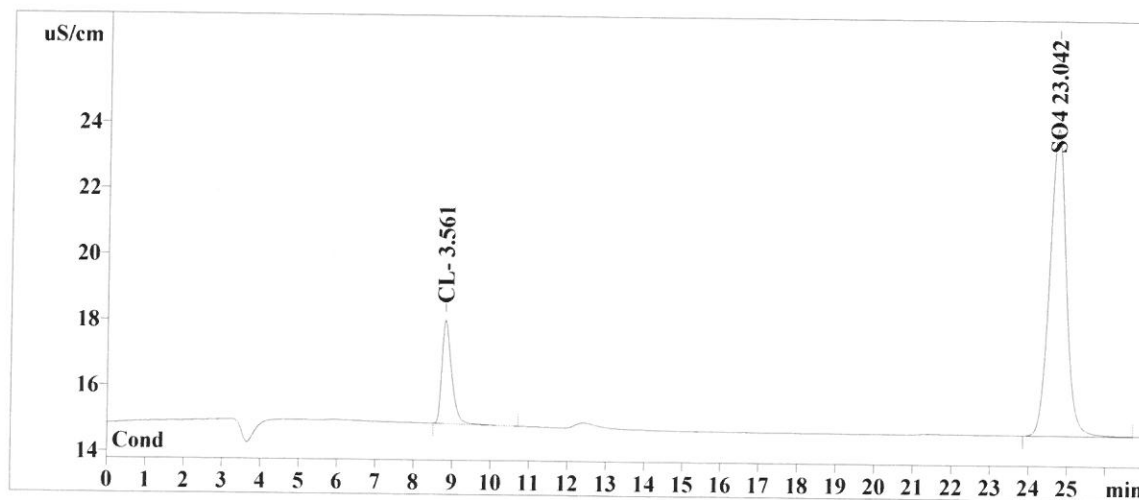
Ident: J3552-02DLX2
Analysis from: 6/15/2018 9:53:41 PM
File: _2018-06-15_

Last save: 6/18/2018 10:31:46 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62703

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.81	0.263	3.13	25.14	55.520	16.42	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	24.70	0.456	9.31	74.85	282.613	83.58	0.
7	27.00	0.103	12.44	100.00	338.132	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:33:02 AM
Printed by: wet

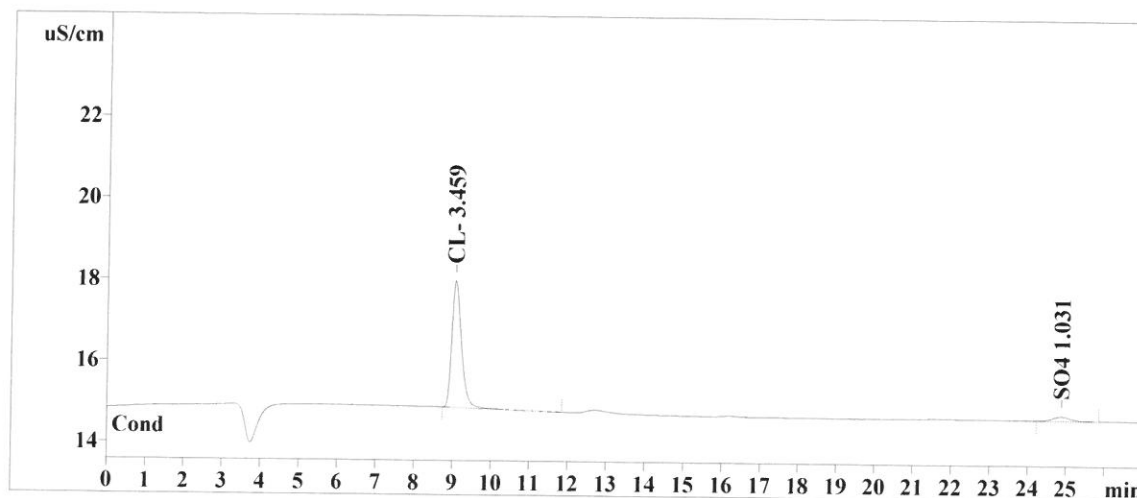
Ident: J3552-03DLX20
Analysis from: 6/15/2018 10:23:36 PM
File: _2018-06-15_

Last save: 6/18/2018 10:33:00 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62704

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	9.05	0.254	3.11	96.72	53.875	93.88	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	24.87	0.505	0.10	3.26	3.511	6.12	0.
7	27.00	0.108	3.21	99.97	57.386	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:33:44 AM
Printed by: wet

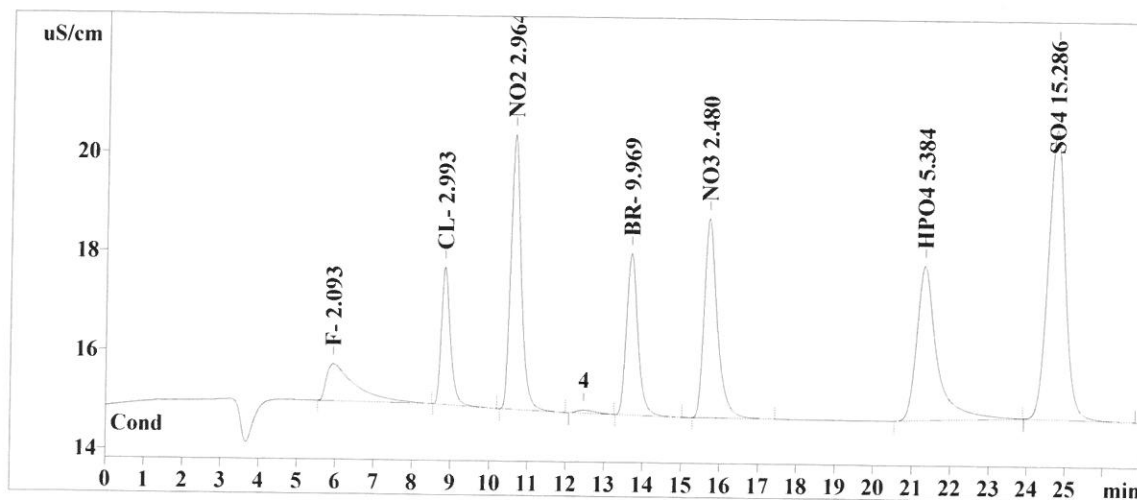
Ident: CCV
Analysis from: 6/15/2018 10:53:32 PM
File: _2018-06-15_

Last save: 6/15/2018 11:20:22 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62705

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	5.94	0.713	0.75	2.95	39.288	5.97	0.
2	8.82	0.247	2.78	10.94	46.302	7.03	0.
3	10.61	0.284	5.55	21.85	106.252	16.14	0.
4	13.67	0.313	3.26	12.84	68.136	10.35	0.
5	15.69	0.349	4.02	15.84	95.892	14.57	0.
6	21.30	0.493	3.12	12.28	116.017	17.62	0.
7	24.72	0.477	5.85	23.03	184.260	27.99	0.
7	27.00	0.411	25.33	99.73	656.147	99.67	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 10:34:07 AM
Printed by: wet

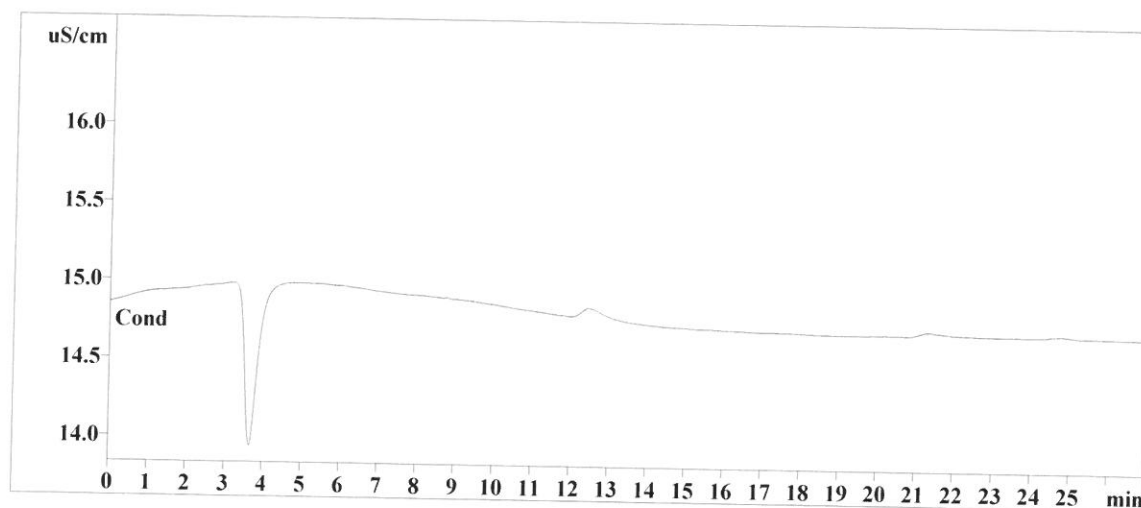
Ident: CCB
Analysis from: 6/15/2018 11:23:27 PM
File: _2018-06-15_

Last save: 6/18/2018 10:34:06 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62706

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
:
Vial number: 68
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: 6/18/2018 1:46:54 PM
Printed by: wet

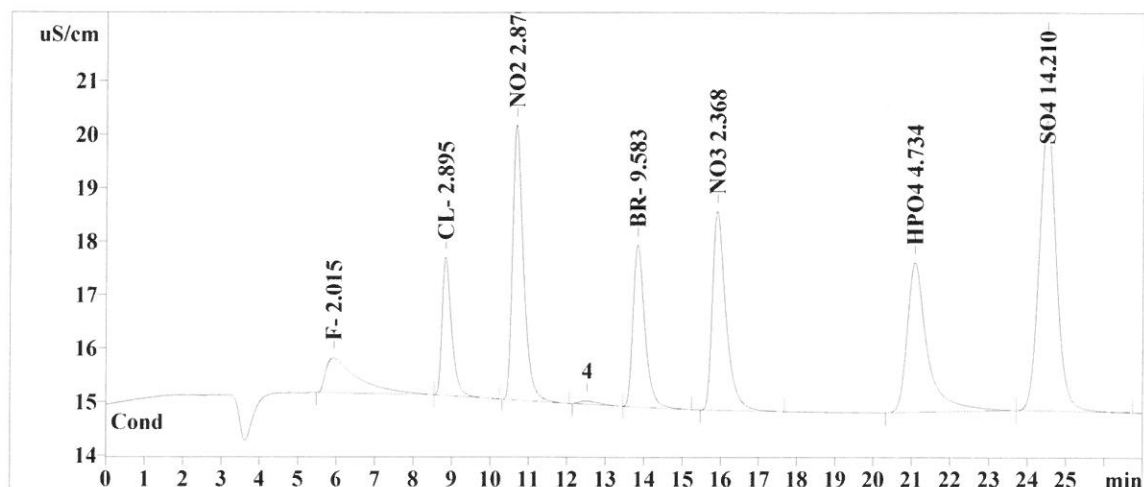
Ident: CCV
Analysis from: 6/18/2018 9:36:27 AM
File: _2018-06-18_

Last save: 6/18/2018 10:03:16 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62711

Last save: 6/15/2018 8:48:46 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	5.92	0.786	0.66	2.80	37.687	6.11	0.
2	8.83	0.256	2.58	11.04	44.723	7.24	0.
3	10.67	0.295	5.14	21.96	102.665	16.63	0.
4	13.83	0.321	3.02	12.93	65.373	10.59	0.
5	15.89	0.358	3.71	15.87	91.382	14.80	0.
6	21.08	0.489	2.79	11.94	102.581	16.62	0.
7	24.50	0.472	5.42	23.17	170.619	27.64	0.
7	27.00	0.425	23.32	99.72	615.031	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 1:47:10 PM
Printed by: wet

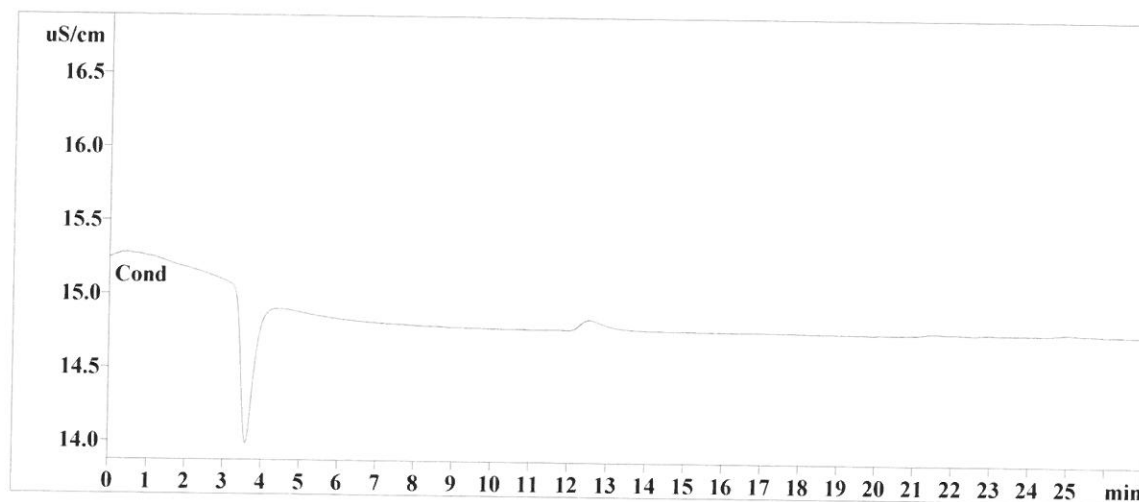
Ident: CCB
Analysis from: 6/18/2018 10:06:43 AM
File: _2018-06-18_

Last save: 6/18/2018 1:47:08 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62712

Last save: 6/15/2018 8:48:46 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: 6/18/2018 1:47:27 PM
Printed by: wet
Ident: LB96071BLW2
Analysis from: 6/18/2018 10:36:39 AM
File: _2018-06-18_

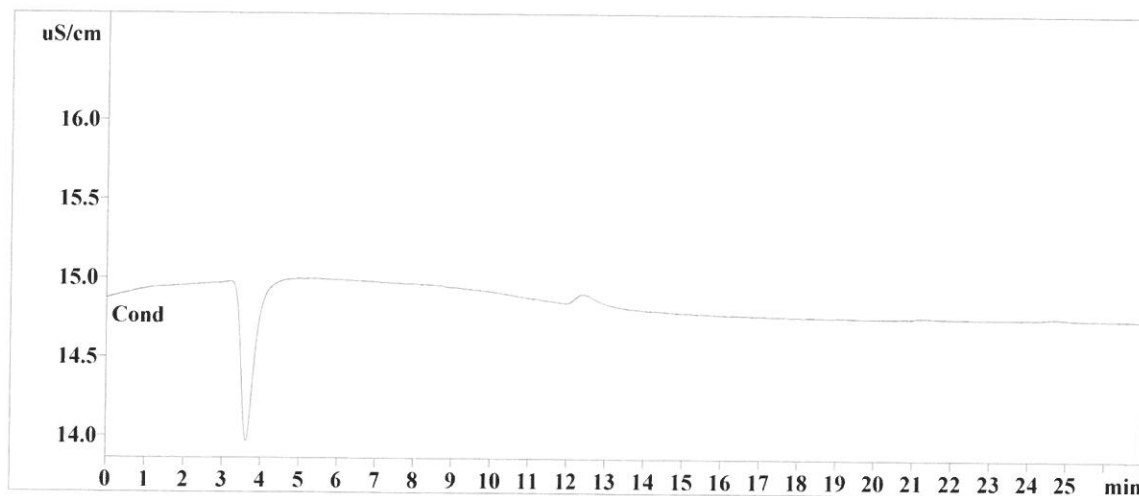
AK
6-18-18

Last save: 6/18/2018 1:47:26 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62713

Last save: 6/12/2018 6:01:04 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: 6/18/2018 1:47:36 PM
Printed by: wet

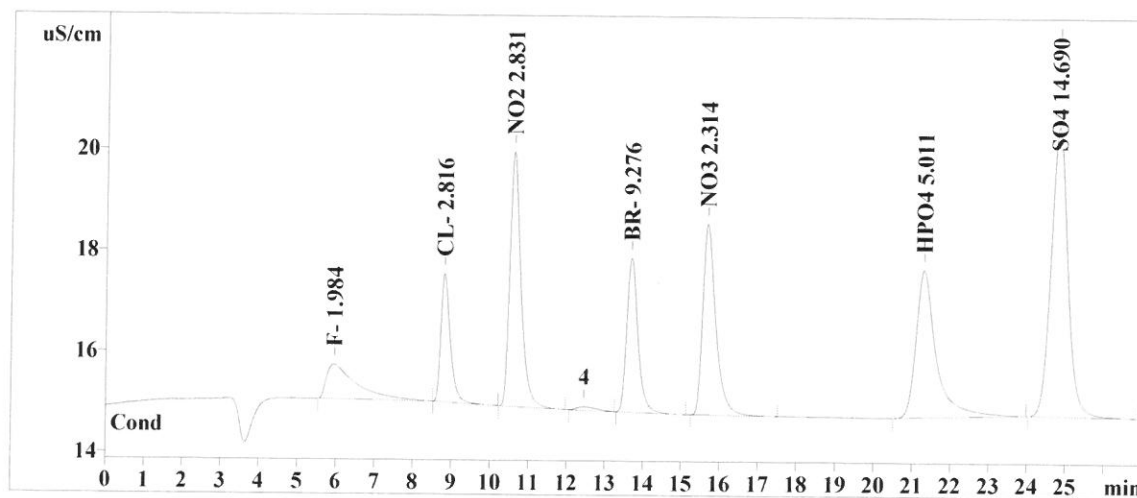
Ident: LB96071BSW2
Analysis from: 6/18/2018 11:06:35 AM
File: _2018-06-18_

Last save: 6/18/2018 11:33:24 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62714

Last save: 6/15/2018 8:48:46 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	5.95	0.733	0.69	2.89	37.039	5.96	0.
2	8.80	0.253	2.54	10.67	43.436	6.99	0.
3	10.59	0.296	5.04	21.16	101.192	16.28	0.
4	13.68	0.309	3.05	12.80	63.170	10.16	0.
5	15.66	0.345	3.78	15.86	89.216	14.35	0.
6	21.29	0.492	2.92	12.25	108.301	17.42	0.
7	24.80	0.463	5.73	24.06	176.708	28.43	0.
7	27.00	0.413	23.74	99.68	619.063	99.59	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 1:48:05 PM
Printed by: wet

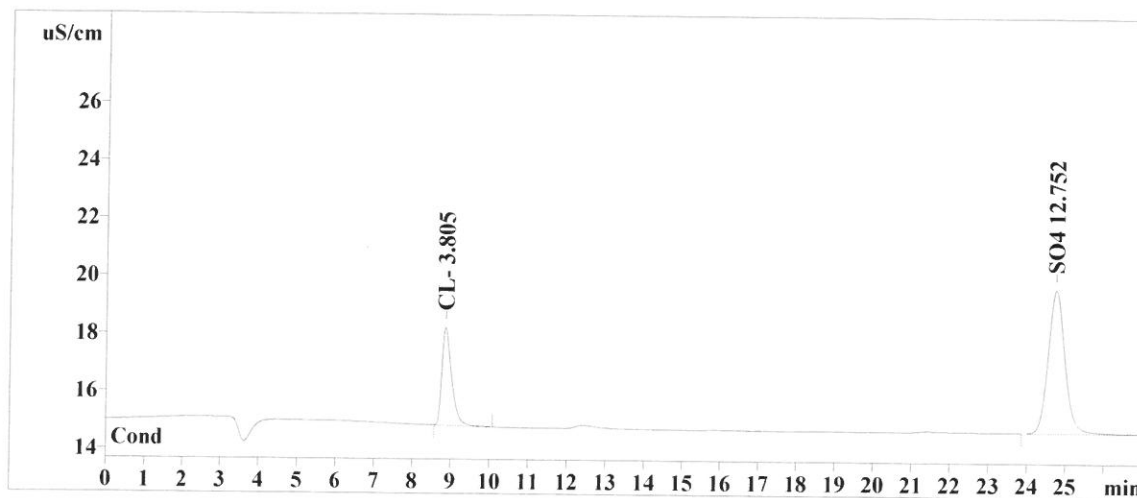
Ident: J3561-01DLX5
Analysis from: 6/18/2018 11:40:45 AM
File: _2018-06-18_

Last save: 6/18/2018 1:48:04 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62715

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: 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	8.85	0.261	3.38	40.55	59.481	28.11	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	24.74	0.458	4.96	59.45	152.129	71.89	0.
7	27.00	0.103	8.34	100.00	211.609	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 1:48:39 PM
Printed by: wet

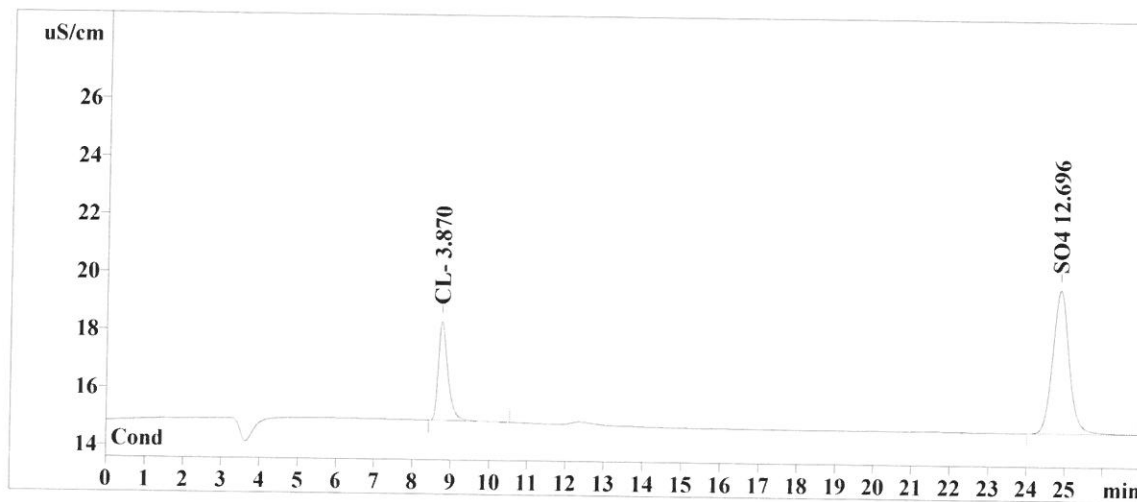
Ident: J3561-02DLX5
Analysis from: 6/18/2018 12:10:41 PM
File: _2018-06-18_

Last save: 6/18/2018 1:48:38 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62716

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 77
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	8.74	0.261	3.41	40.77	60.543	28.56	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	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	24.86	0.457	4.95	59.22	151.417	71.44	0.
7	27.00	0.103	8.36	100.00	211.960	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 1:48:53 PM
Printed by: wet

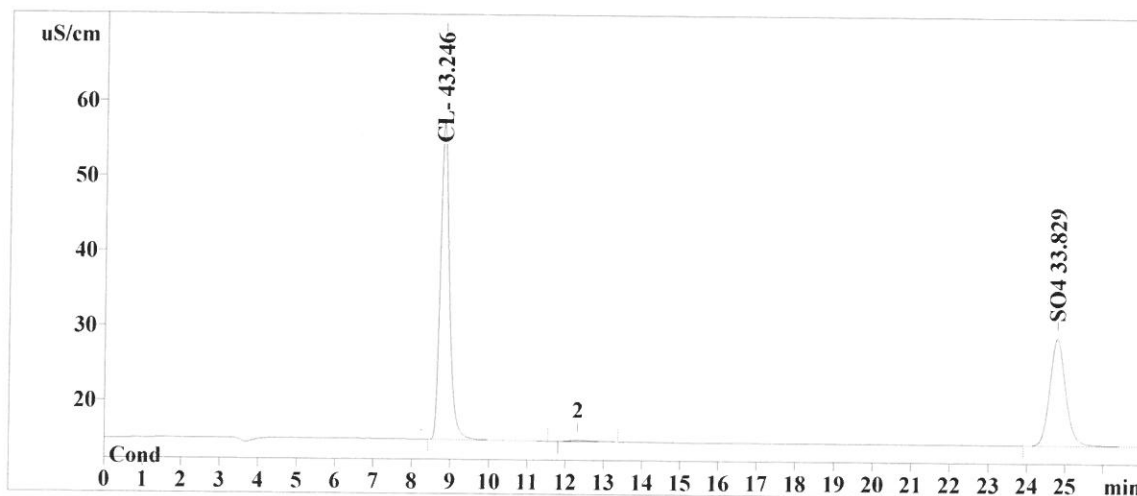
Ident: J3561-03DLX2
Analysis from: 6/18/2018 12:40:36 PM
File: _2018-06-18_

Last save: 6/18/2018 1:07:26 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62717

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 78
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	0.245	42.34	74.55	699.507	62.18	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	24.77	0.439	14.29	25.15	419.393	37.28	0.
7	27.00	0.098	56.63	99.71	1118.900	99.45	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 1:49:10 PM
Printed by: wet

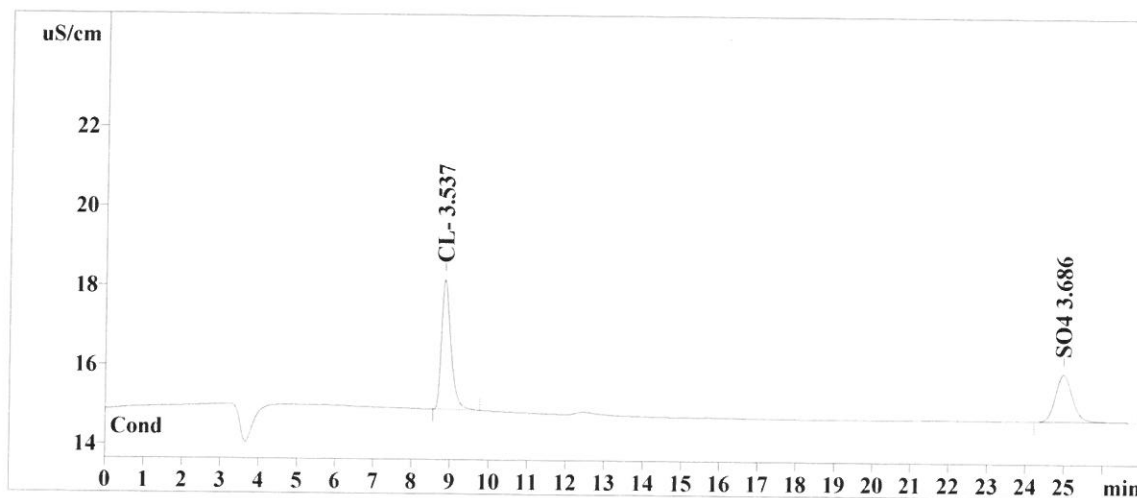
Ident: J3561-03DL2X20
Analysis from: 6/18/2018 1:10:32 PM
File: _2018-06-18_

Last save: 6/18/2018 1:49:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62718

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 79
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	8.85	0.251	3.26	73.26	55.127	59.72	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	24.98	0.467	1.19	26.74	37.177	40.28	0.
7	27.00	0.103	4.45	99.99	92.304	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 2:21:45 PM
Printed by: wet

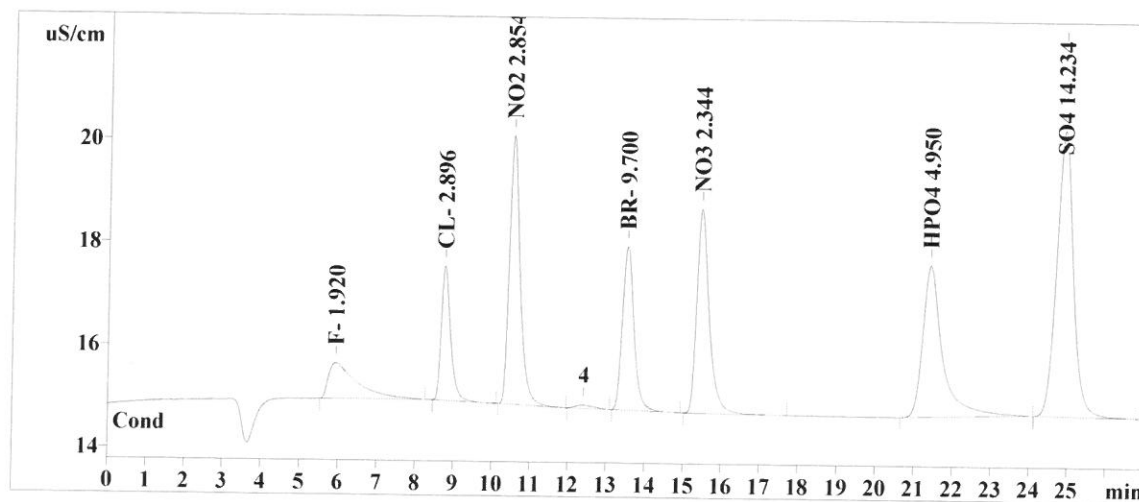
Ident: CCV
Analysis from: 6/18/2018 1:40:27 PM
File: _2018-06-18_

Last save: 6/18/2018 2:07:16 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62719

Last save: 6/15/2018 8:48:46 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	5.93	0.709	0.70	2.88	35.723	5.77	0.
2	8.75	0.253	2.61	10.78	44.729	7.22	0.
3	10.52	0.289	5.22	21.54	102.061	16.48	0.
4	13.52	0.312	3.17	13.09	66.213	10.69	0.
5	15.45	0.333	3.97	16.37	90.426	14.60	0.
6	21.40	0.476	2.94	12.14	107.043	17.28	0.
7	24.88	0.462	5.55	22.90	170.923	27.60	0.
7	27.00	0.405	24.18	99.72	617.116	99.64	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2018 3:01:12 PM
Printed by: wet

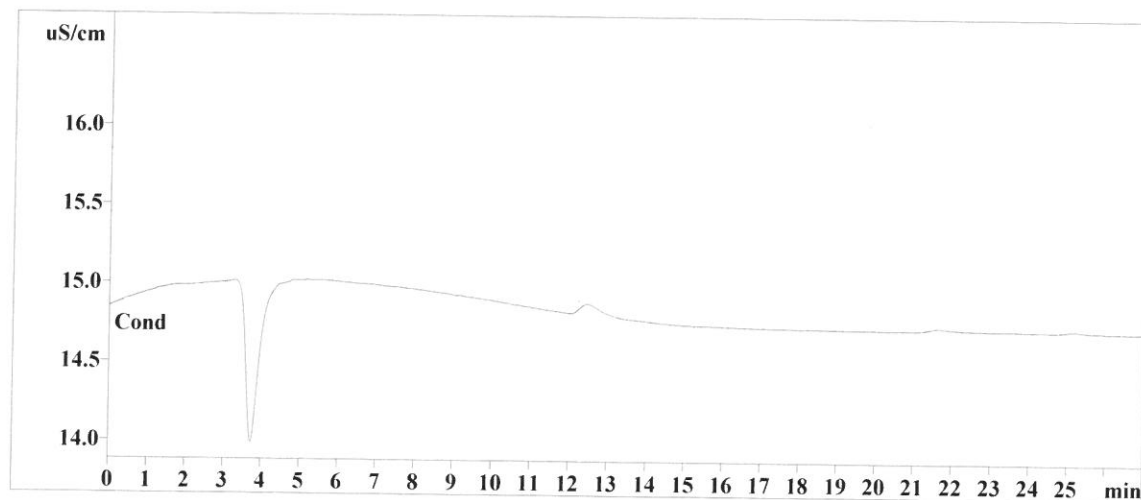
Ident: CCB
Analysis from: 6/18/2018 2:24:59 PM
File: _2018-06-18_

Last save: 6/18/2018 3:01:12 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62720

Last save: 6/15/2018 8:48:46 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