

TC-A
 BCO
 5-15-18 AK

Clear table

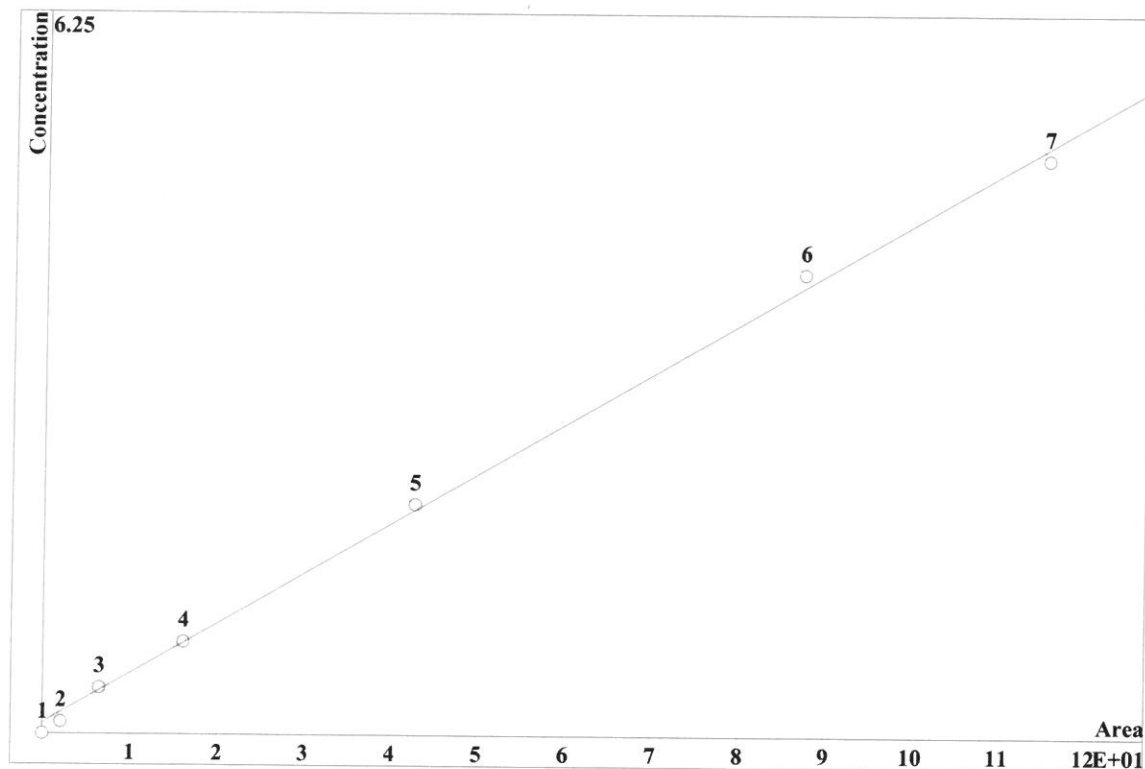
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-04-18_	4/18/18 10:04
STD2	0.1880	0.2750	0.2560	0.9370	0.2440	0.2240	1.5050	_2018-04-18_	4/18/18 10:50
STD3	0.3770	0.6320	0.6240	2.0540	0.5230	0.9380	3.1560	_2018-04-18_	4/18/18 11:21
STD4	0.7930	1.1950	1.1790	3.9180	1.0070	2.0860	5.9280	_2018-04-18_	4/18/18 11:52
STD5	1.9500	2.8660	2.9030	9.6350	2.3600	5.0940	14.1730	_2018-04-18_	4/18/18 12:23
STD6	3.8890	5.7580	5.8080	19.2990	4.7920	9.8020	28.8740	_2018-04-18_	4/18/18 12:54
STD7	5.1040	7.7240	7.6800	25.6570	6.4480	12.6070	38.6150	_2018-04-18_	4/18/18 13:25
ICV	1.9060	3.0090	3.0510	10.0700	2.4940	5.0760	14.9510	_2018-04-18_	4/18/18 17:59
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-04-18_	4/18/18 18:30
CCV	1.8450	2.9180	3.0050	9.7140	2.3960	4.5800	14.5410	_2018-05-10_	5/10/18 8:20
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-10_	5/10/18 8:50
LB95285BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-10_	5/10/18 9:21
LB95285BSW	2.1040	2.7460	2.8850	9.5650	2.3560	4.6490	14.8600	_2018-05-10_	5/10/18 10:36
J2851-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-10_	5/10/18 13:43
J2858-03	0.3010	179.2570	0.0000	1.2870	0.0000	0.9360	2.3570	_2018-05-10_	5/10/18 15:13
J2858-04	0.7660	189.1320	0.0000	0.8350	0.0000	0.0000	1.2130	_2018-05-10_	5/10/18 15:44
J2860-01	0.3850	128.8290	0.0000	0.0000	0.0000	0.0000	19.8850	_2018-05-10_	5/10/18 16:15
J2860-02	0.0000	45.8780	0.0000	0.0000	0.0000	0.0000	55.1500	_2018-05-10_	5/10/18 16:46
J2860-03	0.7090	153.1910	0.0000	0.0000	0.2210	0.0000	1.0600	_2018-05-10_	5/10/18 17:16
J2860-04	0.5110	652.2420	0.0000	0.0000	0.2600	0.0000	1.0800	_2018-05-10_	5/10/18 17:47
J2860-05	0.1770	64.2260	0.0000	0.0000	0.2530	0.0000	16.0520	_2018-05-10_	5/10/18 18:18
CCV	1.8000	2.9300	3.0190	9.9560	2.4770	4.6170	14.9900	_2018-05-10_	5/10/18 18:49
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-10_	5/10/18 19:20
J2856-01	0.0000	126.2240	0.0000	0.0000	1.3850	0.0000	62.6960	_2018-05-10_	5/10/18 19:51
J2856-02	0.0000	31.3930	0.0000	0.0000	0.6990	0.0000	8.8310	_2018-05-10_	5/10/18 20:22
J2856-03	0.0000	146.0800	0.0000	0.0000	0.8280	0.0000	29.9940	_2018-05-10_	5/10/18 20:53
J2856-04MS	1.8580	135.2200	2.7290	9.7780	3.1300	5.6220	43.3690	_2018-05-10_	5/10/18 21:24
J2856-05MSD	1.9120	134.5950	2.8180	10.0070	3.1960	5.8460	43.5340	_2018-05-10_	5/10/18 21:55
J2856-06	0.0000	31.1700	0.0000	0.0000	0.6850	0.0000	8.7130	_2018-05-10_	5/10/18 22:26
J2851-01DUP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-05-10_	5/10/18 22:57

J2860-05DUP	0.1880	62.7500	0.0000	0.0000	0.2500	0.0000	16.0790	2018-05-10	5/10/18 23:27
J2860-05MS	2.1710	61.3910	3.0070	10.2200	2.6480	5.7390	30.5170	2018-05-10	5/10/18 23:58
J2860-05MSD	2.0670	60.6170	2.9620	10.1350	2.6360	5.7940	30.3570	2018-05-11	5/11/18 0:29
CCV	1.8770	2.9650	3.0640	9.7850	2.4160	4.7950	14.5710	2018-05-11	5/11/18 1:00
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 1:31
J2851-01MS	2.0380	3.0270	3.1350	10.0850	2.5350	4.8080	15.6980	2018-05-11	5/11/18 2:02
J2858-03DLX50	0.0000	2.6430	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 2:33
J2858-04DLX50	0.0000	2.7750	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 3:04
CCV	1.8710	2.9550	3.0400	9.8610	2.4360	4.7000	14.6420	2018-05-11	5/11/18 3:35
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 4:06
CCV	1.8300	2.8740	2.9470	9.3900	2.3710	4.4800	14.0320	2018-05-11	5/11/18 8:24
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 8:55
LB95285BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 9:26
LB95285BSW2	1.8710	2.7880	2.9420	9.4920	2.3760	4.6250	14.7120	2018-05-11	5/11/18 9:57
J2856-01DLX2	0.0000	61.7560	0.0000	0.0000	0.7380	0.0000	30.3530	2018-05-11	5/11/18 10:29
J2858-01	0.0000	119.3250	0.0000	0.0000	0.0000	0.0000	7.0370	2018-05-11	5/11/18 10:59
J2858-02	0.0000	40.5160	0.0000	0.0000	0.2170	0.0000	25.0910	2018-05-11	5/11/18 11:30
J2856-01DL2X20	0.0000	4.9850	0.0000	0.0000	0.0000	0.0000	3.3050	2018-05-11	5/11/18 12:01
J2856-02DLX5	0.0000	5.4780	0.0000	0.0000	0.0000	0.0000	2.3110	2018-05-11	5/11/18 12:32
J2856-03DLX20	0.0000	5.3730	0.0000	0.0000	0.0000	0.0000	2.0160	2018-05-11	5/11/18 13:03
J2860-01DLX50	0.0000	1.8930	0.0000	0.0000	0.0000	0.0000	1.1000	2018-05-11	5/11/18 13:34
J2860-02DLX2	0.0000	20.9490	0.0000	0.0000	0.0000	0.0000	27.0950	2018-05-11	5/11/18 14:05
CCV	1.8560	2.9770	3.0860	9.9090	2.3780	4.4970	14.3040	2018-05-11	5/11/18 14:36
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 15:07
J2860-02DL2X10	0.0000	3.7790	0.0000	0.0000	0.0000	0.0000	5.4140	2018-05-11	5/11/18 15:38
J2860-03DLX50	0.0000	2.3800	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 16:09
J2860-04DLX100	0.0000	4.3940	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 16:40
J2860-05DLX10	0.0000	5.1060	0.0000	0.0000	0.0000	0.0000	2.1980	2018-05-11	5/11/18 17:10
J2858-01DLX20	0.0000	4.7210	0.0000	0.0000	0.0000	0.0000	1.0990	2018-05-11	5/11/18 17:41
J2858-02DLX10	0.0000	3.3930	0.0000	0.0000	0.0000	0.0000	2.9660	2018-05-11	5/11/18 18:12
CCV	1.8630	2.9160	2.9880	9.4030	2.3140	4.3490	14.0670	2018-05-11	5/11/18 18:43
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-11	5/11/18 19:14
CCV	1.8890	2.8540	2.8940	9.5330	2.3670	4.2860	14.4020	2018-05-14	5/14/18 11:28
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-14	5/14/18 11:59
LB95285BLW3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-14	5/14/18 13:16
LB95285BSW3	1.9410	2.9300	3.0180	10.0270	2.4770	4.5490	15.2750	2018-05-14	5/14/18 13:59
J2856-06DLX5	0.0000	5.5800	0.0000	0.0000	0.0000	0.0000	2.3570	2018-05-14	5/14/18 14:30
CCV	1.8310	2.9130	2.8870	9.6990	2.3660	4.5920	13.9770	2018-05-14	5/14/18 15:01
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-05-14	5/14/18 15:32

IC-1 Cal 4-18-18

CALIBRATION OF COMPONENT F-

Method: ANIONS 04-18-18.mtw
Equation: $Q = 0.86776 \cdot A + 1.9441$
RSD: 4.495 %
Correlation coefficient: 0.999175



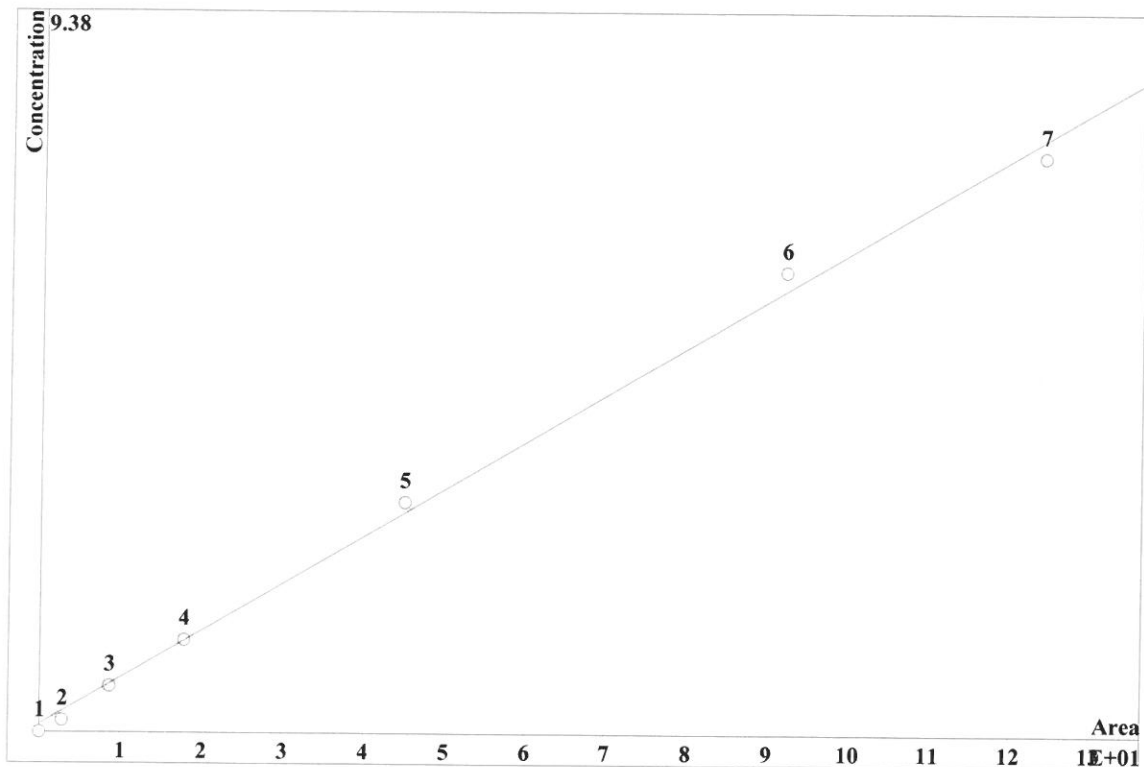
K3 = 0 K2 = 0 K1 = 0.86776 K0 = 1.9441

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	0.05696	2.092	0.1	20	5.921	Yes	
3	0.1815	6.45	0.4	20	5.815	Yes	
4	0.437	16.04	0.8	20	5.815	Yes	
5	1.189	42.7	2	20	5.815	Yes	
6	2.396	87.38	4	20	5.815	Yes	
7	3.216	115.4	5	20	5.815	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 04-18-18.mtw
 Equation: $Q = 1.22931 \cdot A + 2.07841$
 RSD: 6.152 %
 Correlation coefficient: 0.998454



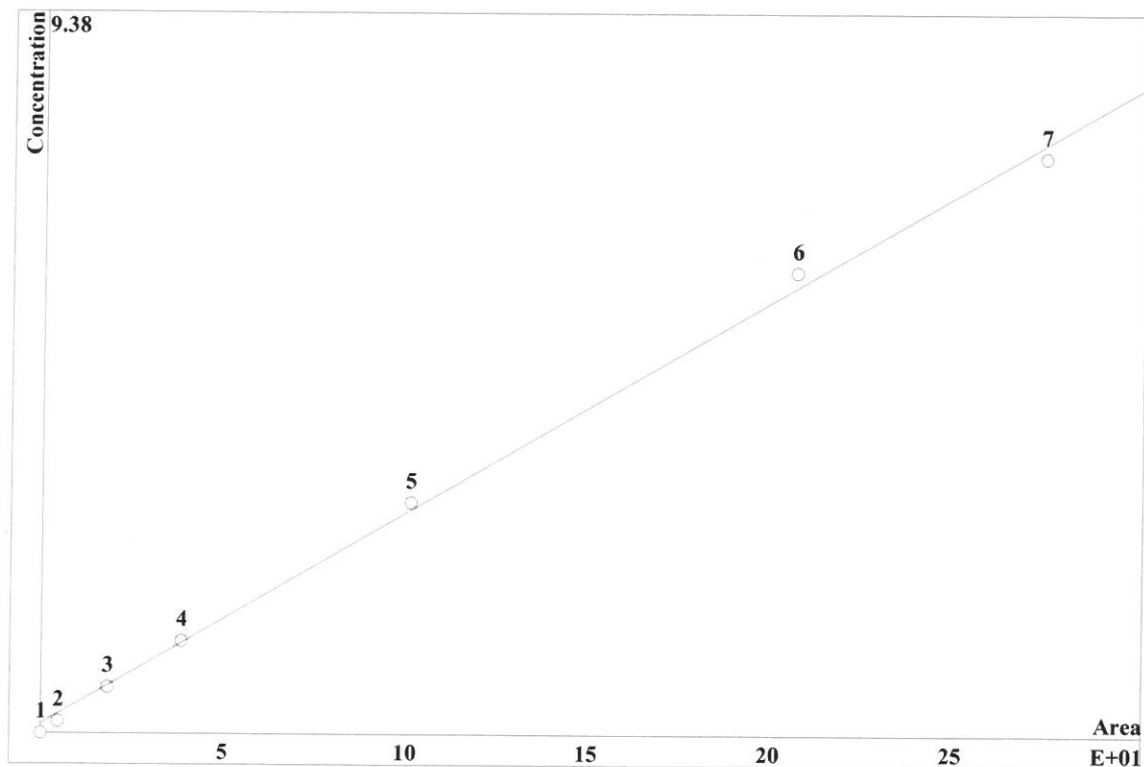
K3 = 0 K2 = 0 K1 = 1.22931 K0 = 2.07841

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	0.159	2.778	0.15	20	8.982		Yes
3	0.5174	8.597	0.6	20	8.705		Yes
4	1.074	17.75	1.2	20	8.705		Yes
5	2.775	44.94	3	20	8.705		Yes
6	5.677	91.99	6	20	8.705		Yes
7	7.614	124	7.5	20	8.705		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 04-18-18.mtw
 Equation: $Q = 0.548987 \cdot A + 2.50143$
 RSD: 4.898 %
 Correlation coefficient: 0.999020



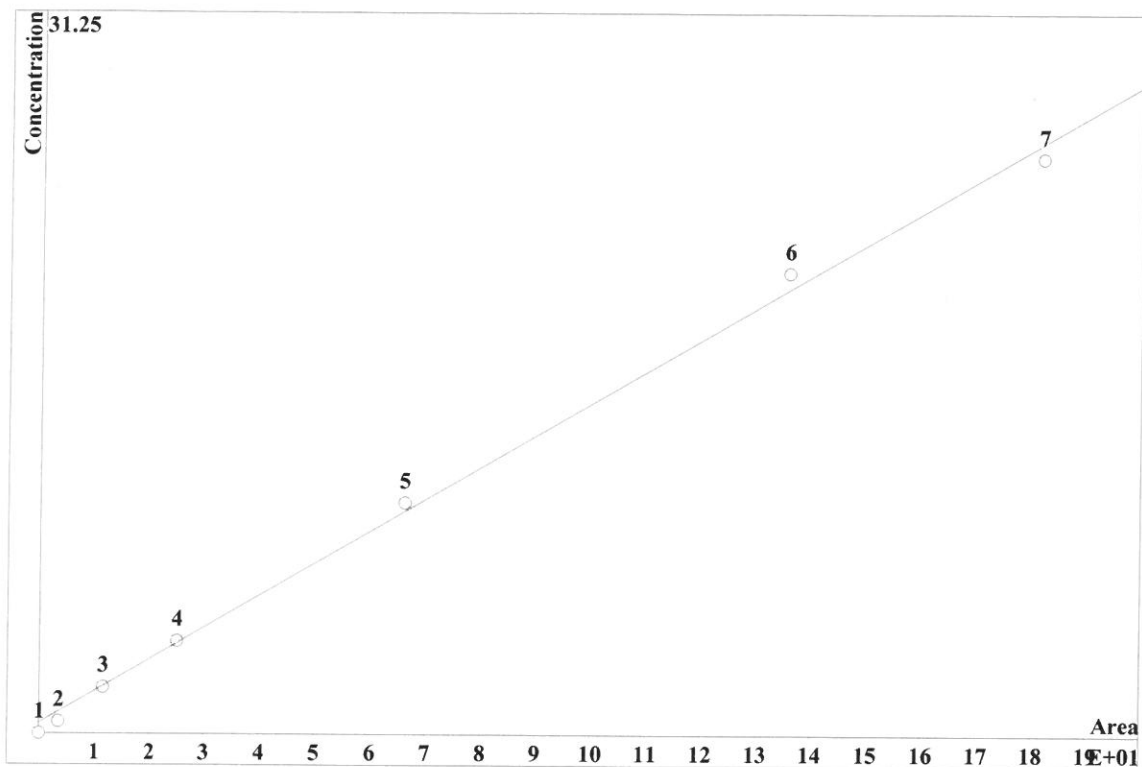
K3 = 0 K2 = 0 K1 = 0.548987 K0 = 2.50143

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	0.2556	4.759	0.15	20	10.72		Yes
3	0.9528	18.19	0.6	20	10.45		Yes
4	2.042	38.4	1.2	20	10.45		Yes
5	5.325	101.2	3	20	10.45		Yes
6	10.67	207	6	20	10.45		Yes
7	14.01	275.2	7.5	20	10.45		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 04-18-18.mtw
 Equation: $Q = 2.77647 \cdot A + 9.069$
 RSD: 5.468 %
 Correlation coefficient: 0.998779



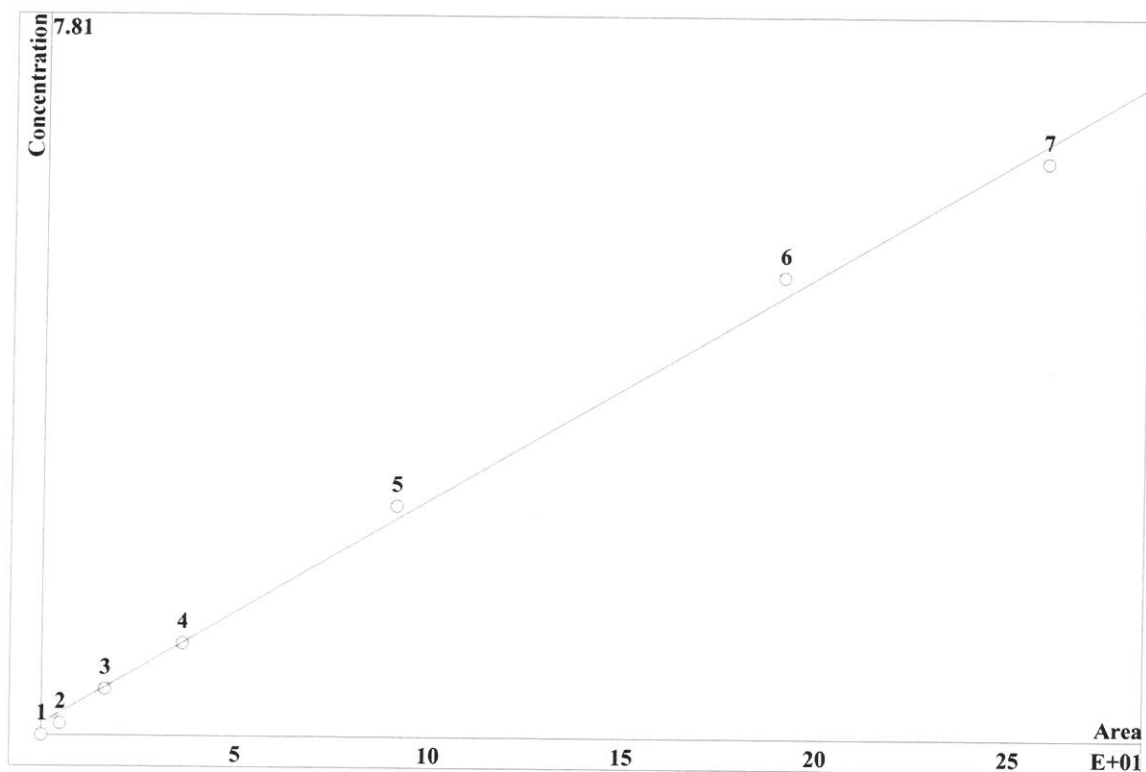
K3 = 0 K2 = 0 K1 = 2.77647 K0 = 9.069

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	0.1739	3.483	0.5	20	13.6			Yes
3	0.5937	11.53	2	20	13.37			Yes
4	1.293	24.96	4	20	13.37			Yes
5	3.424	66.14	10	20	13.37			Yes
6	7.049	135.8	20	20	13.37			Yes
7	9.36	181.5	25	20	13.37			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 04-18-18.mtw
 Equation: $Q = 0.488553 \cdot A + 2.54598$
 RSD: 6.673 %
 Correlation coefficient: 0.998181



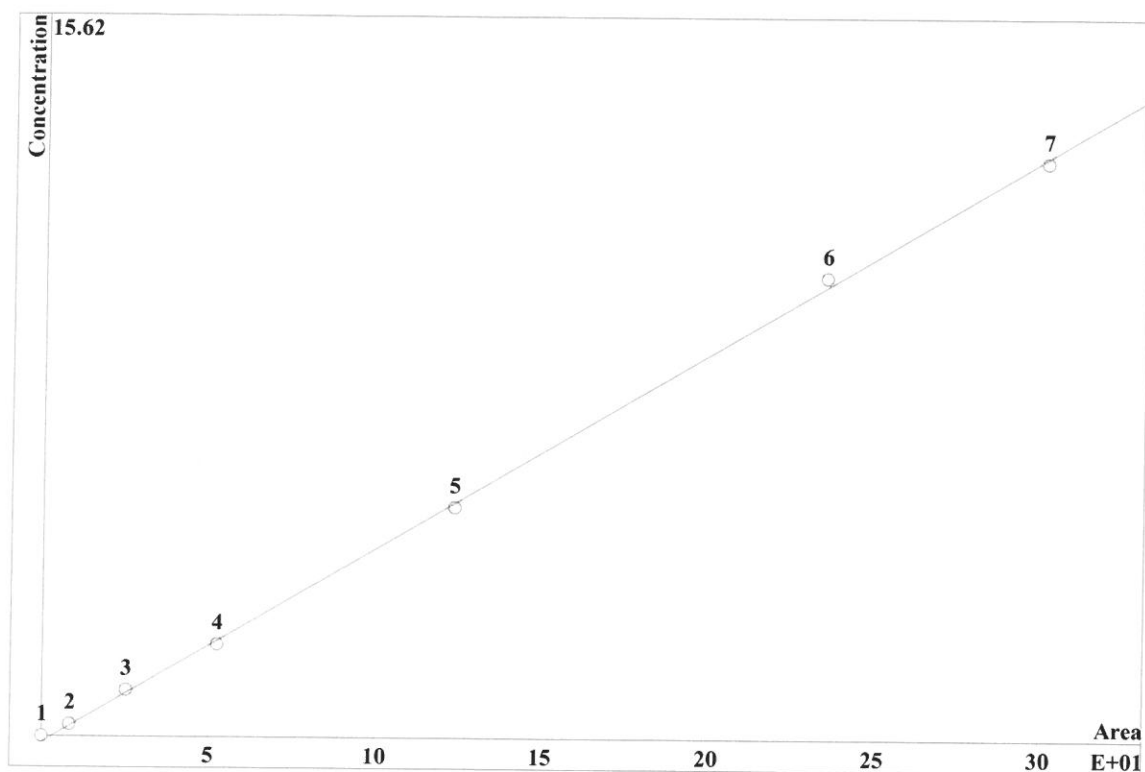
K3 = 0 K2 = 0 K1 = 0.488553 K0 = 2.54598

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	0.2059	4.788	0.125	20	15.49	Yes	
3	0.7277	16.2	0.5	20	15.31	Yes	
4	1.588	36.02	1	20	15.31	Yes	
5	4.25	91.42	2.5	20	15.31	Yes	
6	9.017	191	5	20	15.31	Yes	
7	12.31	258.8	6.25	20	15.31	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 04-18-18.mtw
 Equation: $Q = 0.845496 \cdot A - 2.66682$
 RSD: 2.605 %
 Correlation coefficient: 0.999723



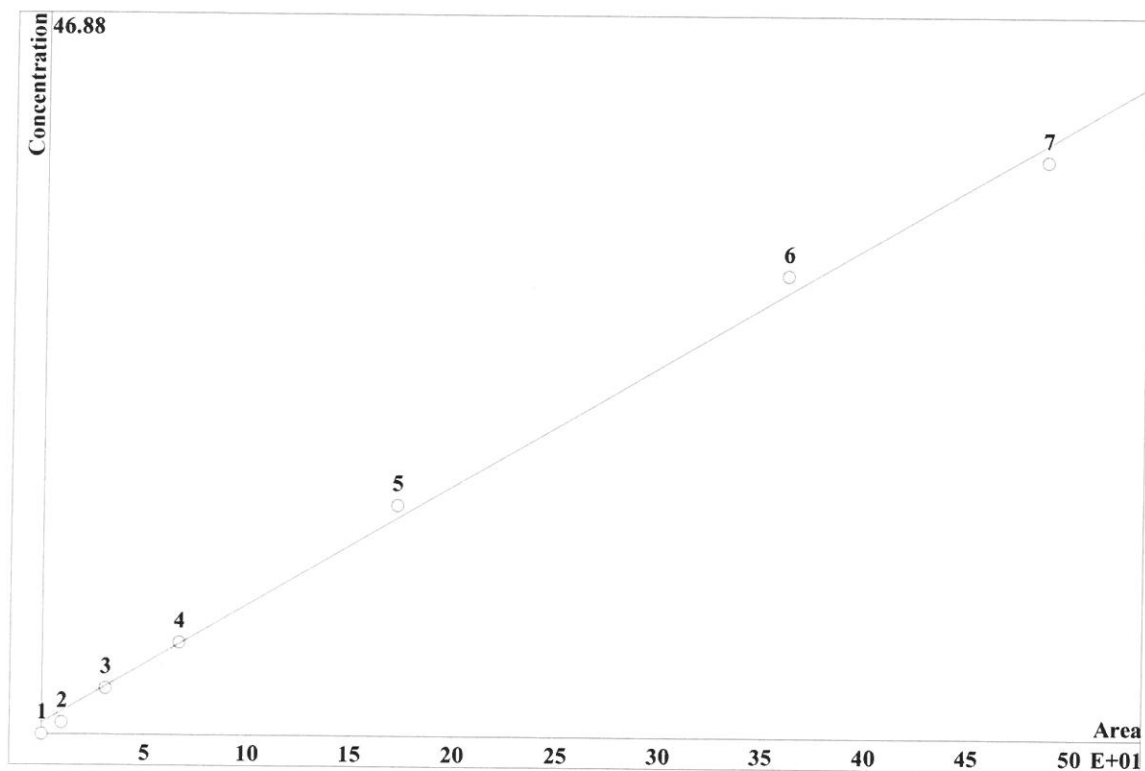
K3 = 0 K2 = 0 K1 = 0.845496 K0 = -2.66682

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	0.2023	8.446	0.25	20	22.72	Yes	
3	0.6355	25.33	1	20	21.35	Yes	
4	1.344	52.5	2	20	21.35	Yes	
5	3.316	123.6	5	20	21.35	Yes	
6	6.584	235	10	20	21.35	Yes	
7	8.741	301.4	12.5	20	21.35	Yes	

CALIBRATION OF COMPONENT SO4

Method: ANIONS 04-18-18.mtw
 Equation: $Q = 1.55769 \cdot A + 14.9648$
 RSD: 6.335 %
 Correlation coefficient: 0.998361



K3 = 0 K2 = 0 K1 = 1.55769 K0 = 14.9648

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	0.3176	9.714	0.75	20	25.7	Yes	
3	1.042	30.91	3	20	24.84	Yes	
4	2.241	66.51	6	20	24.84	Yes	
5	5.941	172.4	15	20	24.84	Yes	
6	12.59	361.1	30	20	24.84	Yes	
7	16.98	486.2	37.5	20	24.84	Yes	

Report date: 4/19/2018 1:38:51 PM
Printed by: wet

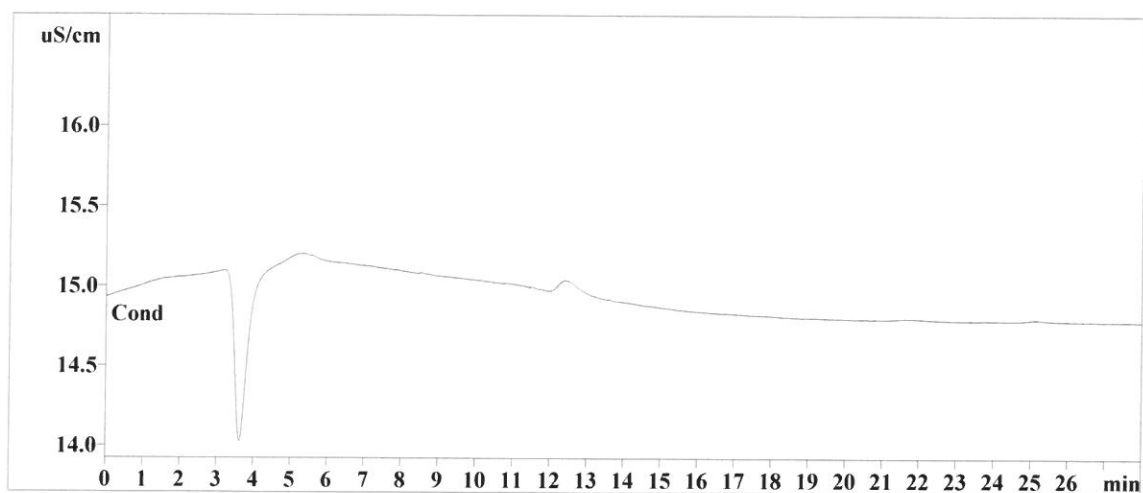
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Analysis from: 4/18/2018 10:04:33 AM
File: _2018-04-18_

Last save: 4/18/2018 5:56:14 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 61947

Last save: 4/18/2018 10:05:44 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: 4/19/2018 1:39:01 PM
Printed by: wet

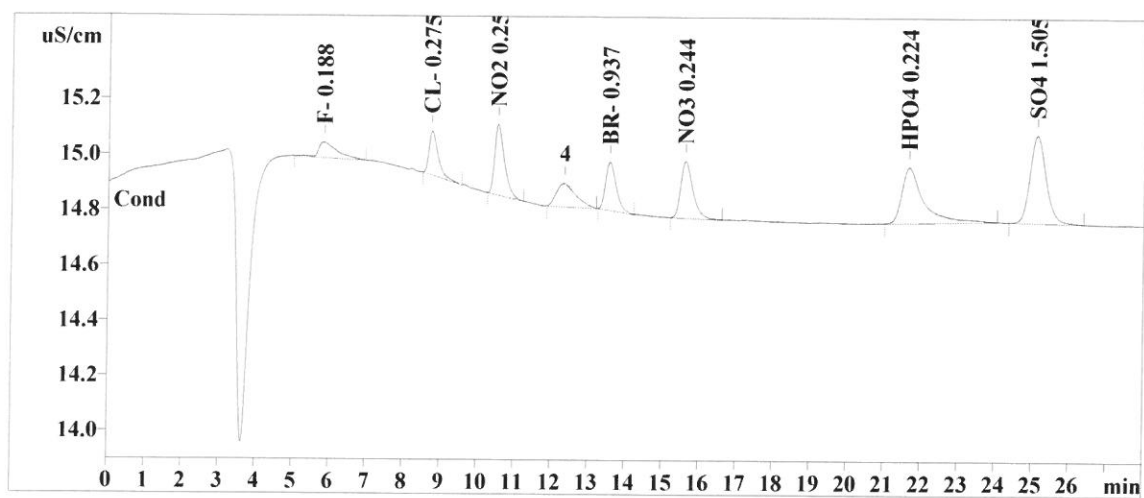
Ident: STD2
Analysis from: 4/18/2018 10:50:59 AM
File: _2018-04-18_

Last save: 4/18/2018 5:56:14 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 61948

Last save: 4/18/2018 10:05:44 AM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.508	0.06	3.88	2.092	5.34	0.
2	8.75	0.255	0.16	10.90	2.778	7.10	0.
3	10.55	0.281	0.25	17.50	4.759	12.16	0.
4	13.57	0.305	0.17	11.94	3.483	8.90	0.
5	15.60	0.347	0.21	14.11	4.788	12.23	0.
6	21.67	0.519	0.20	13.86	8.446	21.58	0.
7	25.12	0.459	0.32	21.80	9.714	24.82	0.
7	28.00	0.382	1.37	93.98	36.060	92.14	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2018 1:39:09 PM
Printed by: wet

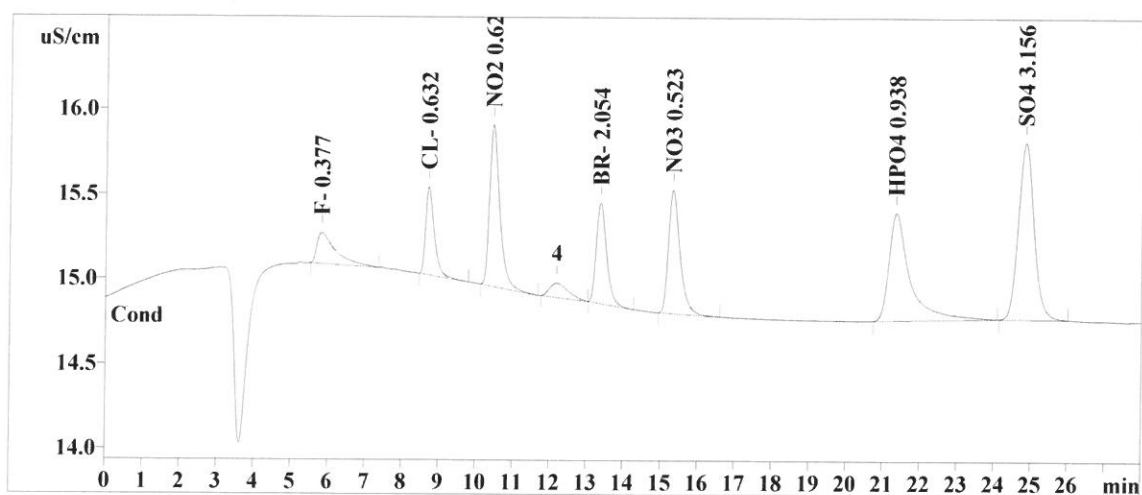
Ident: STD3
Analysis from: 4/18/2018 11:21:54 AM
File: _2018-04-18_

Last save: 4/18/2018 5:56:16 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 61949

Last save: 4/18/2018 10:05:44 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	5.81	0.489	0.18	3.82	6.450	5.37	0.
2	8.70	0.246	0.52	10.92	8.597	7.15	0.
3	10.45	0.279	0.95	20.12	18.188	15.13	0.
4	13.37	0.294	0.59	12.52	11.530	9.59	0.
5	15.31	0.331	0.73	15.36	16.202	13.48	0.
6	21.35	0.503	0.63	13.41	25.332	21.07	0.
7	24.84	0.450	1.04	21.99	30.913	25.72	0.
7	28.00	0.370	4.65	98.14	117.212	97.51	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2018 1:39:17 PM
Printed by: wet

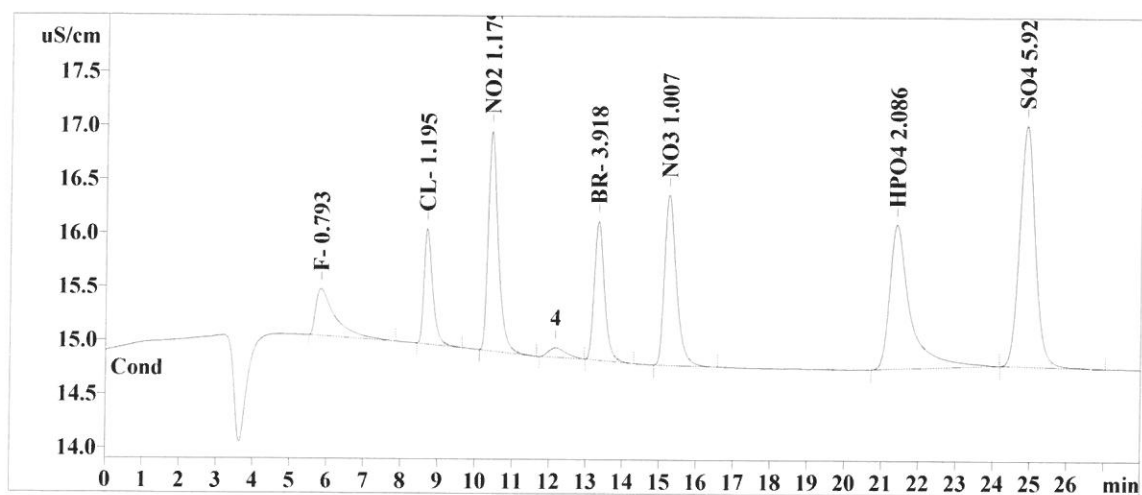
Ident: STD4
Analysis from: 4/18/2018 11:52:49 AM
File: _2018-04-18_

Last save: 4/18/2018 5:56:16 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 61950

Last save: 4/18/2018 10:05:44 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	5.83	0.493	0.44	4.32	16.036	6.28	0.
2	8.69	0.246	1.07	10.62	17.749	6.95	0.
3	10.41	0.277	2.04	20.20	38.404	15.05	0.
4	13.32	0.291	1.29	12.78	24.959	9.78	0.
5	15.23	0.337	1.59	15.71	36.020	14.11	0.
6	21.40	0.493	1.34	13.28	52.497	20.57	0.
7	24.88	0.447	2.24	22.17	66.509	26.06	0.
7	28.00	0.369	10.02	99.08	252.173	98.80	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2018 1:39:23 PM
Printed by: wet

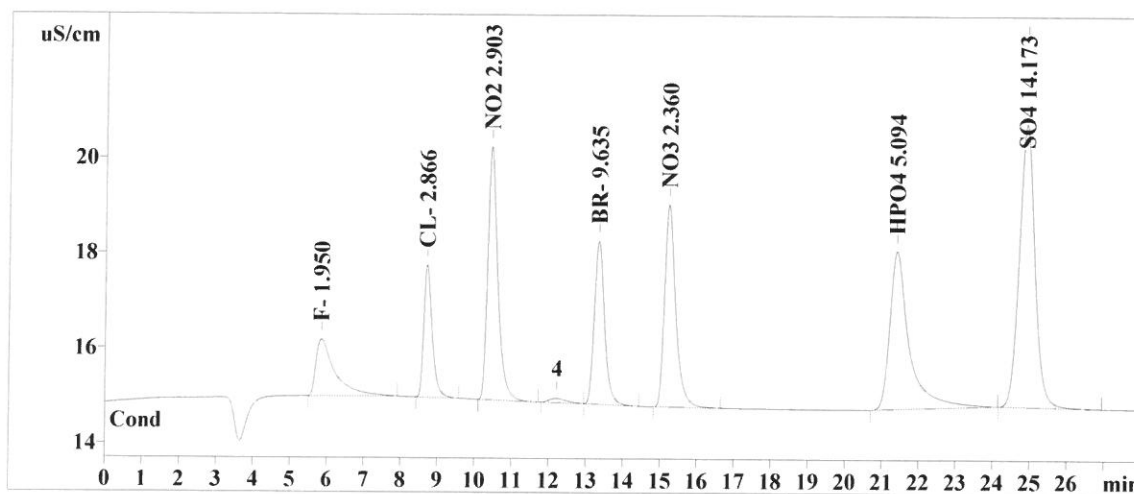
Ident: STD5
Analysis from: 4/18/2018 12:23:43 PM
File: _2018-04-18_

Last save: 4/18/2018 5:56:16 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 61951

Last save: 4/18/2018 10:05:44 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	5.84	0.476	1.19	4.52	42.698	6.62	0.
2	8.70	0.241	2.77	10.54	44.945	6.96	0.
3	10.43	0.280	5.32	20.24	101.215	15.68	0.
4	13.33	0.291	3.42	13.02	66.139	10.25	0.
5	15.20	0.317	4.25	16.15	91.416	14.16	0.
6	21.39	0.479	3.32	12.60	123.646	19.16	0.
7	24.88	0.436	5.94	22.58	172.364	26.70	0.
7	28.00	0.360	26.22	99.64	642.423	99.53	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2018 1:39:31 PM
Printed by: wet

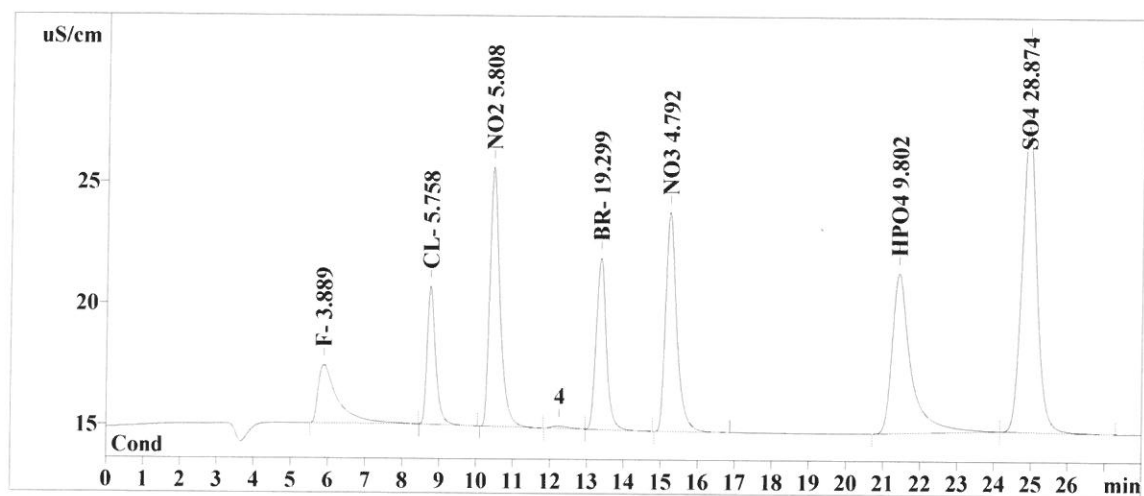
Ident: STD6
Analysis from: 4/18/2018 12:54:38 PM
File: _2018-04-18_

Last save: 4/18/2018 5:56:16 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 61952

Last save: 4/18/2018 10:05:44 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	5.88	0.478	2.40	4.43	87.384	6.66	0.
2	8.74	0.240	5.68	10.50	91.986	7.01	0.
3	10.44	0.286	10.67	19.73	207.025	15.78	0.
4	13.36	0.290	7.05	13.04	135.750	10.34	0.
5	15.21	0.310	9.02	16.68	190.952	14.55	0.
6	21.40	0.467	6.58	12.18	235.024	17.91	0.
7	24.90	0.430	12.59	23.28	361.118	27.52	0.
7	28.00	0.357	53.97	99.82	1309.240	99.77	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2018 1:39:39 PM
Printed by: wet

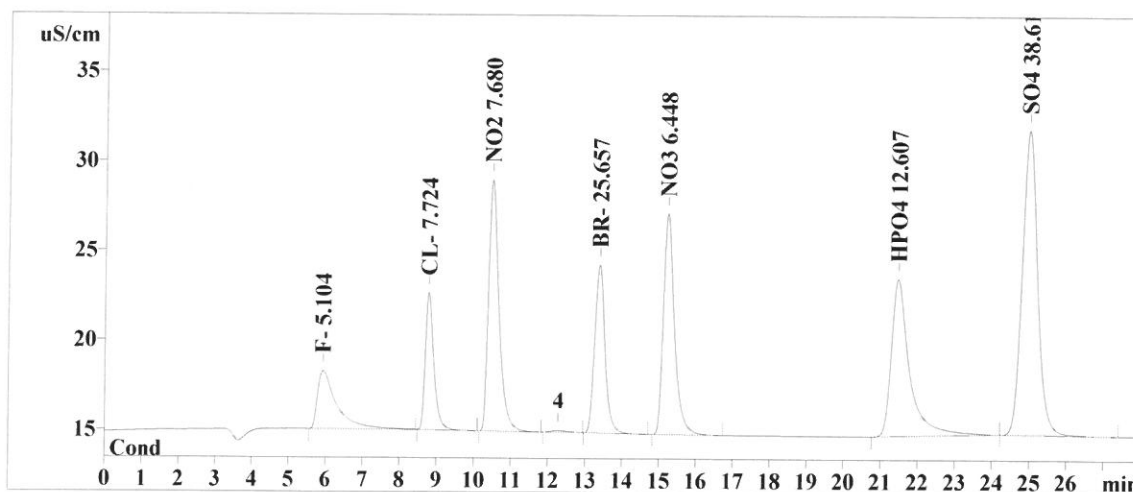
Ident: STD7
Analysis from: 4/18/2018 1:25:33 PM
File: _2018-04-18_

Last save: 4/18/2018 5:56:26 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 61953

Last save: 4/18/2018 10:05:44 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	5.93	0.480	3.22	4.45	115.387	6.61	0.
2	8.77	0.241	7.61	10.53	123.970	7.10	0.
3	10.47	0.291	14.01	19.37	275.217	15.77	0.
4	13.38	0.292	9.36	12.94	181.549	10.40	0.
5	15.20	0.307	12.31	17.02	258.764	14.82	0.
6	21.46	0.454	8.74	12.08	301.364	17.27	0.
7	24.96	0.429	16.98	23.48	486.189	27.85	0.
7	28.00	0.356	72.23	99.86	1742.439	99.83	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2018 1:40:07 PM
Printed by: wet

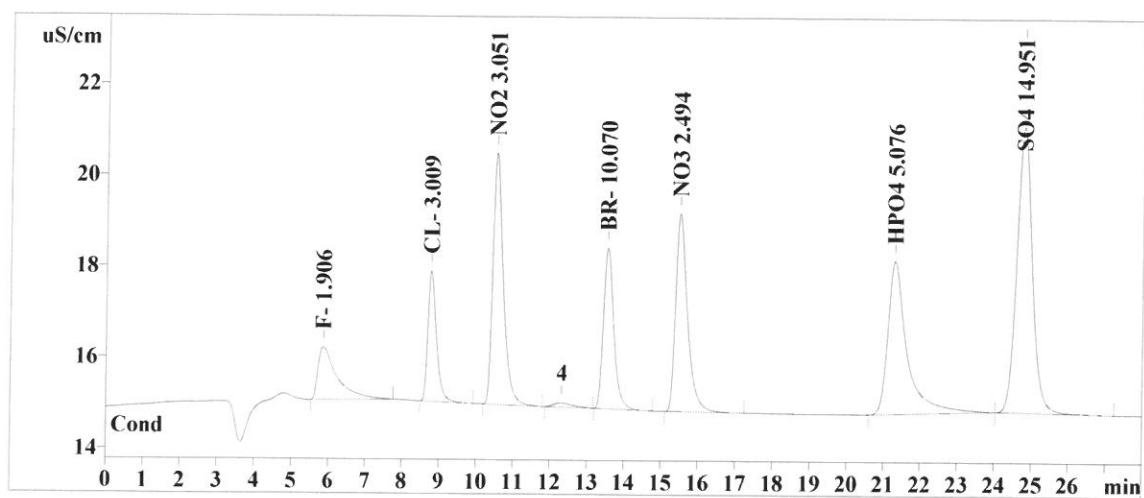
Ident: ICV
Analysis from: 4/18/2018 5:59:56 PM
File: _2018-04-18_

Last save: 4/18/2018 6:27:46 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 61963

Last save: 4/18/2018 5:55:54 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	5.85	0.489	1.15	4.25	41.689	6.22	0.
2	8.76	0.244	2.86	10.57	47.258	7.05	0.
3	10.52	0.284	5.51	20.34	106.602	15.90	0.
4	13.54	0.294	3.53	13.01	69.275	10.33	0.
5	15.49	0.327	4.34	16.02	96.884	14.45	0.
6	21.29	0.475	3.35	12.37	123.223	18.37	0.
7	24.77	0.437	6.26	23.09	182.351	27.19	0.
7	28.00	0.364	27.01	99.64	667.283	99.50	0.

This report has been created by IC Net
METROHM LTD

Report date: 4/19/2018 1:40:28 PM
Printed by: wet

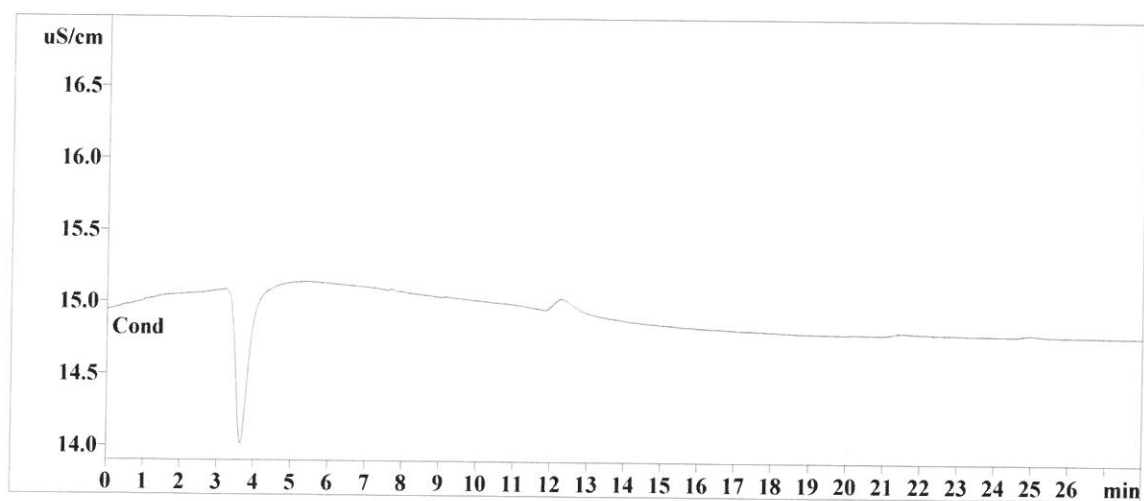
Ident: ICB
Analysis from: 4/18/2018 6:30:51 PM
File: _2018-04-18_

Last save: 4/19/2018 1:40:28 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 61964

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 12
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:18:41 AM
Printed by: wet

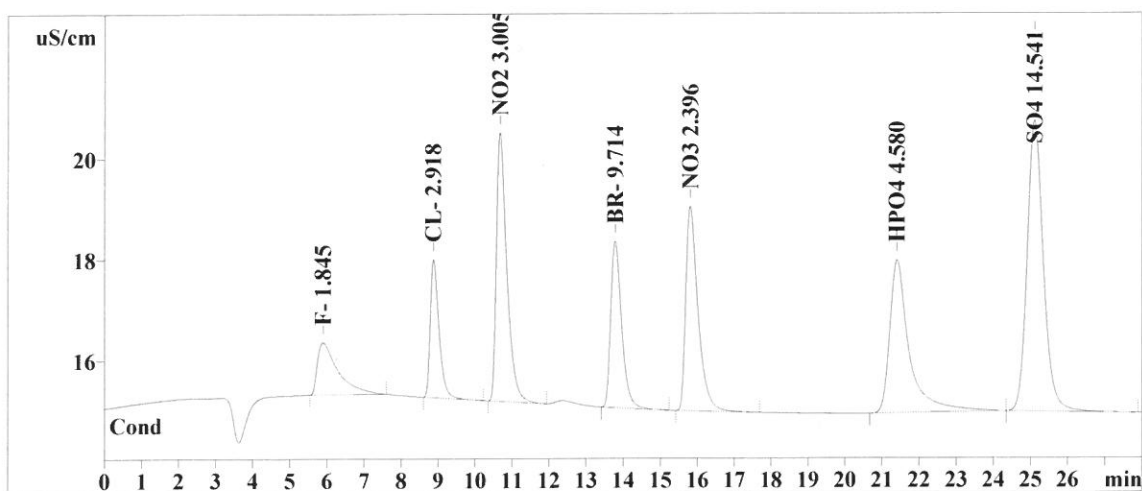
Ident: CCV
Analysis from: 5/10/2018 8:20:02 AM
File: _2018-05-10_

Last save: 5/10/2018 8:47:50 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62113

Last save: 4/18/2018 5:55:54 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	0.542	1.03	4.10	40.280	6.30	0.
2	8.87	0.248	2.74	10.86	45.786	7.16	0.
3	10.68	0.291	5.32	21.09	104.911	16.41	0.
4	13.78	0.302	3.30	13.07	66.707	10.44	0.
5	15.80	0.337	4.05	16.04	92.886	14.53	0.
6	21.40	0.477	3.03	12.01	111.487	17.44	0.
7	25.11	0.457	5.76	22.83	177.091	27.71	0.
7	28.00	0.379	25.23	99.99	639.148	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:19:07 AM
Printed by: wet

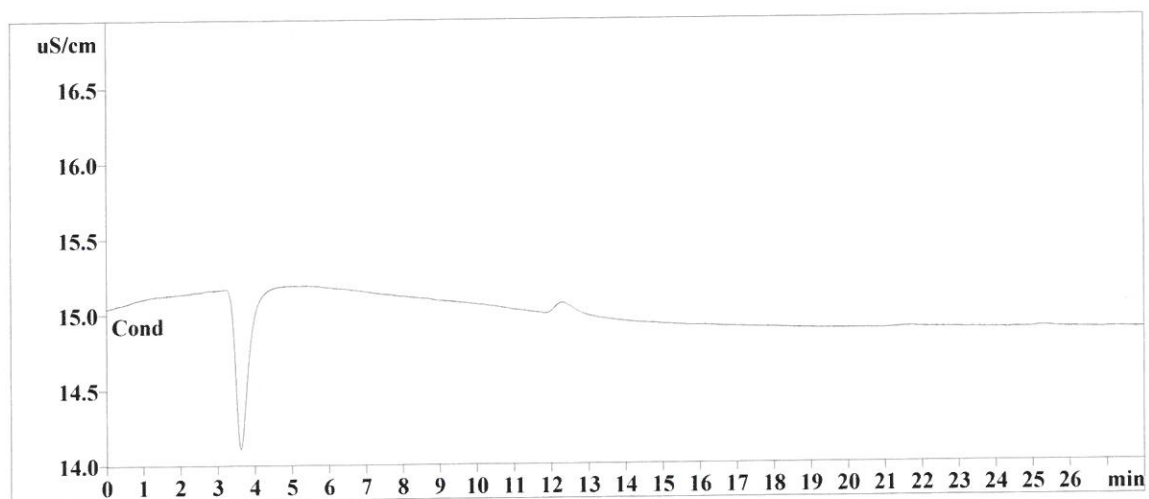
Ident: CCB
Analysis from: 5/10/2018 8:50:56 AM
File: _2018-05-10_

Last save: 5/11/2018 9:19:08 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62114

Last save: 4/18/2018 5:55:54 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: 5/11/2018 9:19:24 AM
Printed by: wet

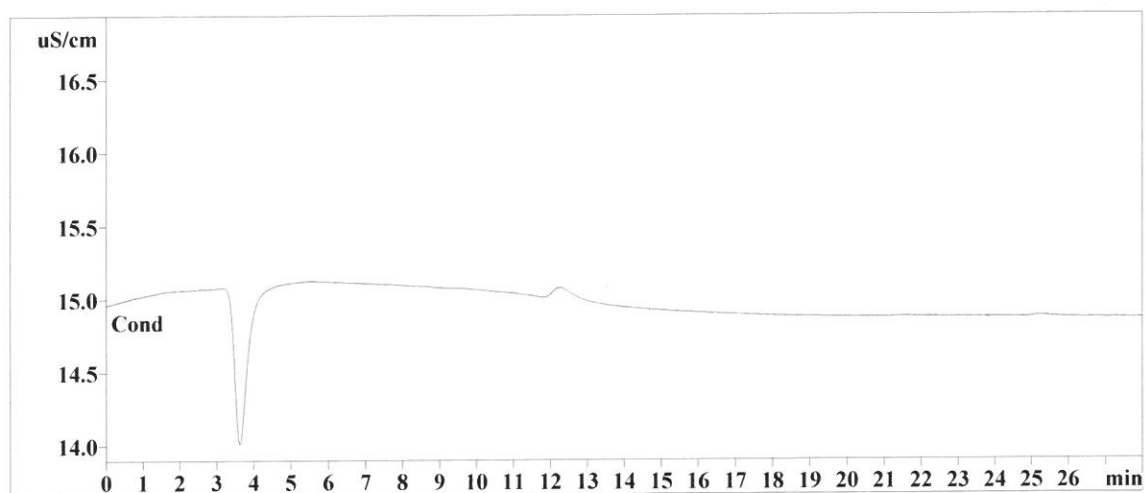
Ident: LB95285BLW
Analysis from: 5/10/2018 9:21:51 AM
File: _2018-05-10_

Last save: 5/11/2018 9:19:22 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62115

Last save: 4/18/2018 5:55:54 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: 5/11/2018 9:19:35 AM
Printed by: wet

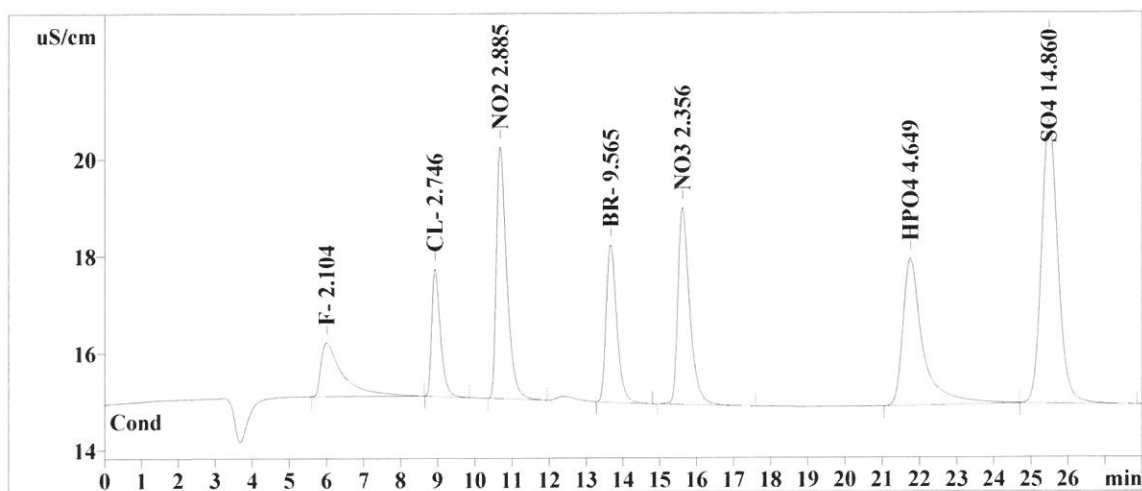
Ident: LB95285BSW
Analysis from: 5/10/2018 10:36:58 AM
File: _2018-05-10_

Last save: 5/11/2018 9:17:54 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62118

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
:
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	6.00	0.536	1.11	4.41	46.255	7.22	0.
2	8.93	0.246	2.62	10.44	42.988	6.71	0.
3	10.68	0.287	5.19	20.70	100.539	15.68	0.
4	13.66	0.306	3.24	12.92	65.633	10.24	0.
5	15.61	0.331	4.05	16.16	91.257	14.24	0.
6	21.75	0.484	3.03	12.07	113.126	17.65	0.
7	25.49	0.465	5.84	23.29	181.194	28.27	0.
7	28.00	0.379	25.08	99.99	640.991	100.00	0.

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METROHM LTD

Report date: 5/11/2018 9:57:58 AM
Printed by: wet

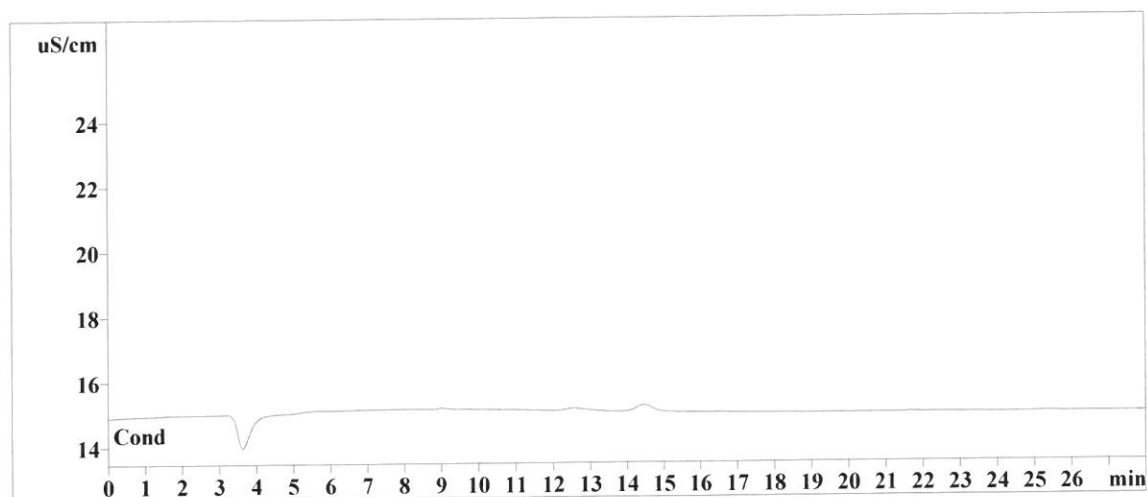
Ident: J2851-01
Analysis from: 5/10/2018 1:43:14 PM
File: _2018-05-10_

Last save: 5/11/2018 9:57:54 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62120

Last save: 4/18/2018 5:55:54 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:25:50 AM
Printed by: wet

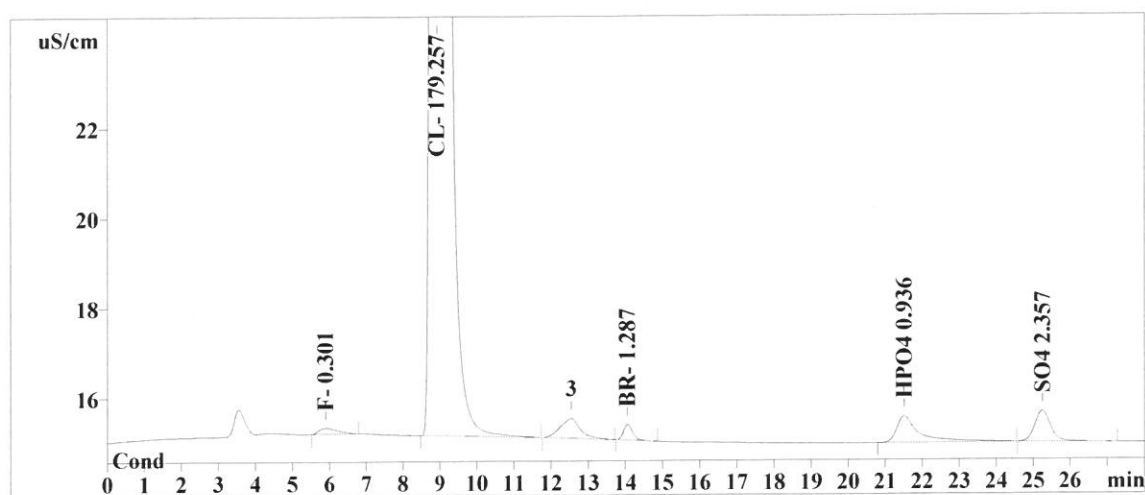
Ident: J2858-03
Analysis from: 5/10/2018 3:13:14 PM
File: _2018-05-10_

Last save: 5/10/2018 3:41:04 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62123

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 16
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.91	0.582	0.13	0.10	4.697	0.16	0.
2	8.92	0.339	134.21	98.38	2914.710	97.55	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.06	0.257	0.35	0.25	6.006	0.20	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.51	0.499	0.59	0.43	25.289	0.85	0.
7	25.24	0.445	0.69	0.50	20.652	0.69	0.
7	28.00	0.303	135.97	99.67	2971.355	99.45	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:27:44 AM
Printed by: wet

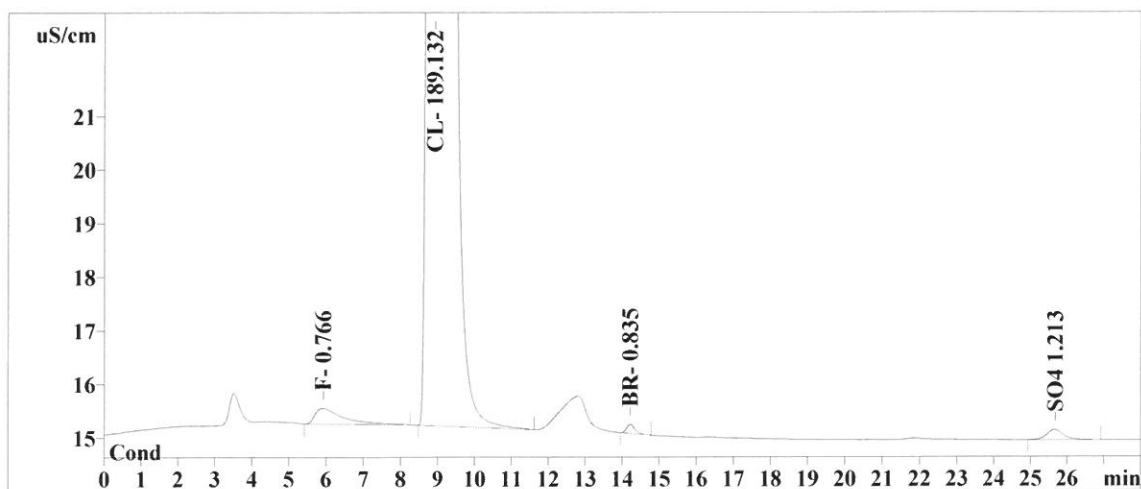
Ident: J2858-04
Analysis from: 5/10/2018 3:44:09 PM
File: _2018-05-10_

Last save: 5/11/2018 9:27:38 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62124

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 17
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.92	0.698	0.30	0.31	15.424	0.50	0.
2	8.92	0.532	93.65	99.30	3075.361	99.22	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.22	0.248	0.17	0.18	2.749	0.09	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	25.66	0.459	0.19	0.20	5.972	0.19	0.
7	28.00	0.277	94.30	100.00	3099.506	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:30:54 AM
 Printed by: wet

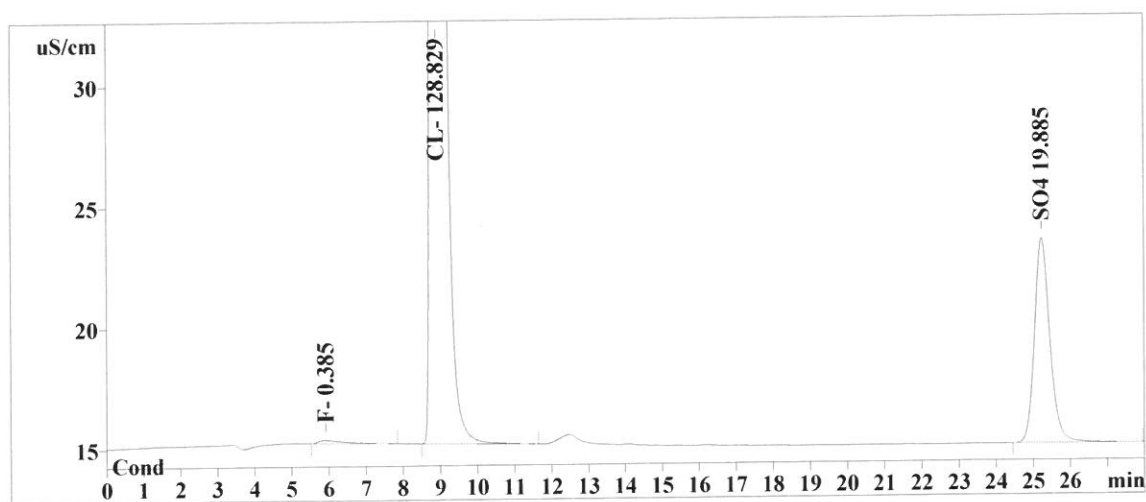
Ident: J2860-01
 Analysis from: 5/10/2018 4:15:04 PM
 File: _2018-05-10_

Last save: 5/11/2018 9:30:54 AM

Method: ANIONS 04-18-18.mtw
 Run operator: wet
 Analysis number: 62125

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
 : AK/AP
 Vial number: 18
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.91	0.633	0.14	0.12	6.629	0.28	0.
2	8.90	0.311	103.82	92.36	2094.277	89.25	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.24	0.433	8.45	7.51	245.705	10.47	0.
7	28.00	0.197	112.41	100.00	2346.611	100.00	0.

This report has been created by IC Net
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Report date: 5/11/2018 9:34:38 AM
Printed by: wet

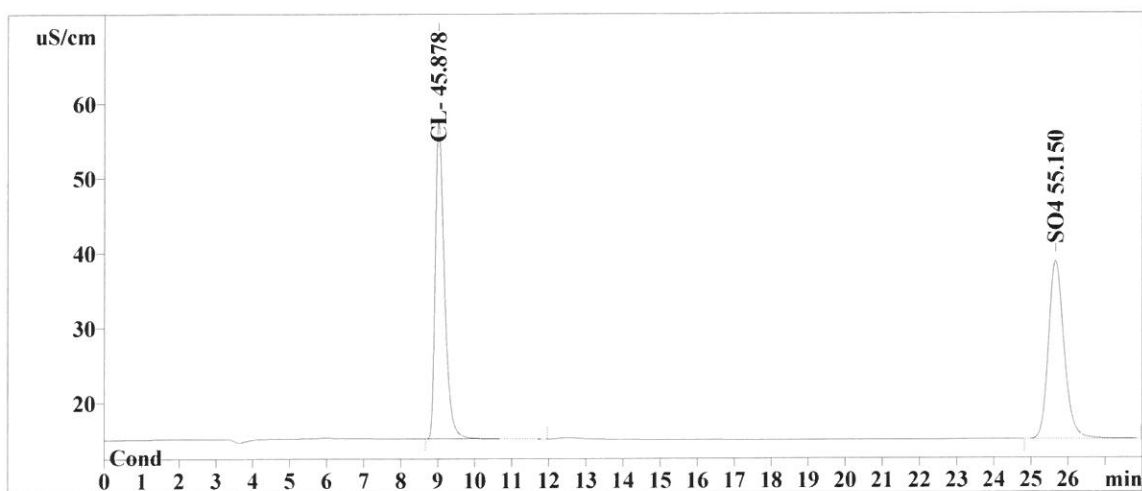
Ident: J2860-02
Analysis from: 5/10/2018 4:46:00 PM
File: _2018-05-10_

Last save: 5/11/2018 9:33:18 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62126

Last save: 4/18/2018 5:55:54 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.02	0.263	42.33	64.06	744.721	51.60	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.66	0.440	23.75	35.94	698.489	48.40	0.
7	28.00	0.100	66.08	100.00	1443.210	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:37:39 AM
Printed by: wet

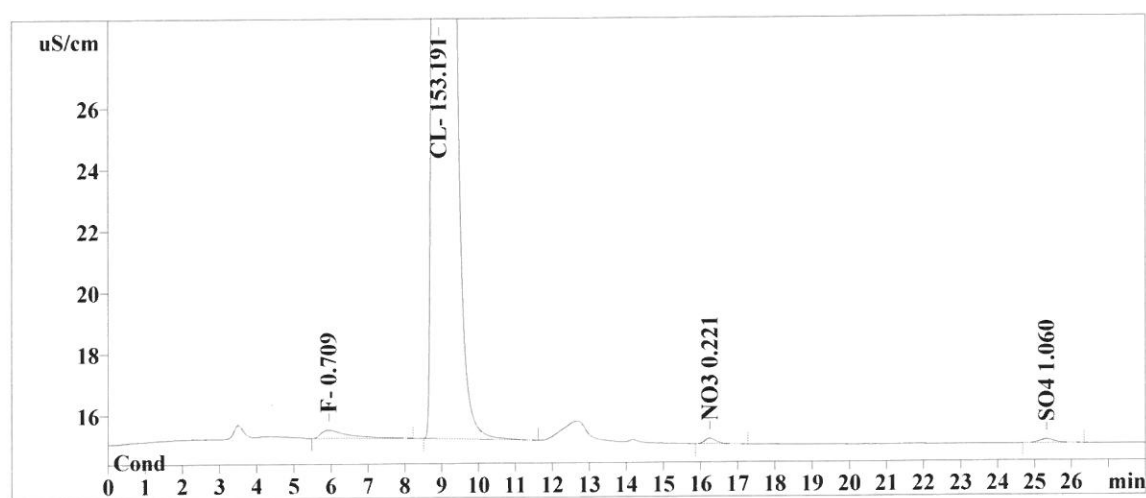
Ident: J2860-03
Analysis from: 5/10/2018 5:16:55 PM
File: _2018-05-10_

Last save: 5/11/2018 9:37:38 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62127

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 20
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	0.699	0.27	0.33	14.100	0.56	0.
2	8.93	0.492	81.63	99.30	2490.631	99.13	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	16.24	0.313	0.18	0.22	3.828	0.15	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.33	0.455	0.13	0.16	3.999	0.16	0.
7	28.00	0.280	82.21	100.00	2512.558	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:39:32 AM
 Printed by: wet

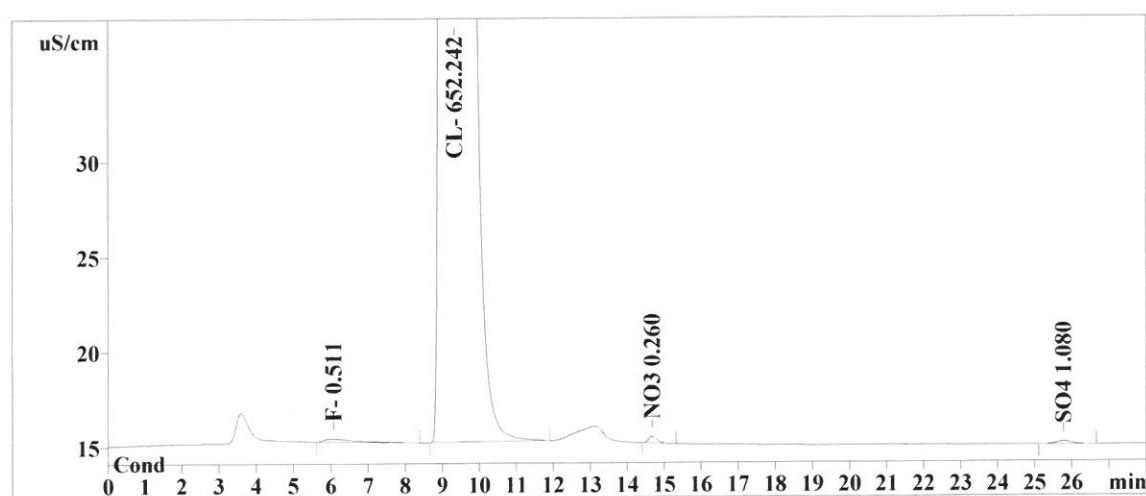
Ident: J2860-04
 Analysis from: 5/10/2018 5:47:50 PM
 File: _2018-05-10_

Last save: 5/11/2018 9:39:24 AM

Method: ANIONS 04-18-18.mtw
 Run operator: wet
 Analysis number: 62128

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
 : AK/AP
 Vial number: 21
 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	6.07	0.771	0.17	0.06	9.545	0.09	0.
2	9.33	0.641	264.63	99.75	10609.863	99.82	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	14.67	0.241	0.34	0.13	5.426	0.05	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.80	0.439	0.15	0.05	4.264	0.04	0.
7	28.00	0.299	265.28	100.00	10629.098	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 5/11/2018 9:41:48 AM
Printed by: wet

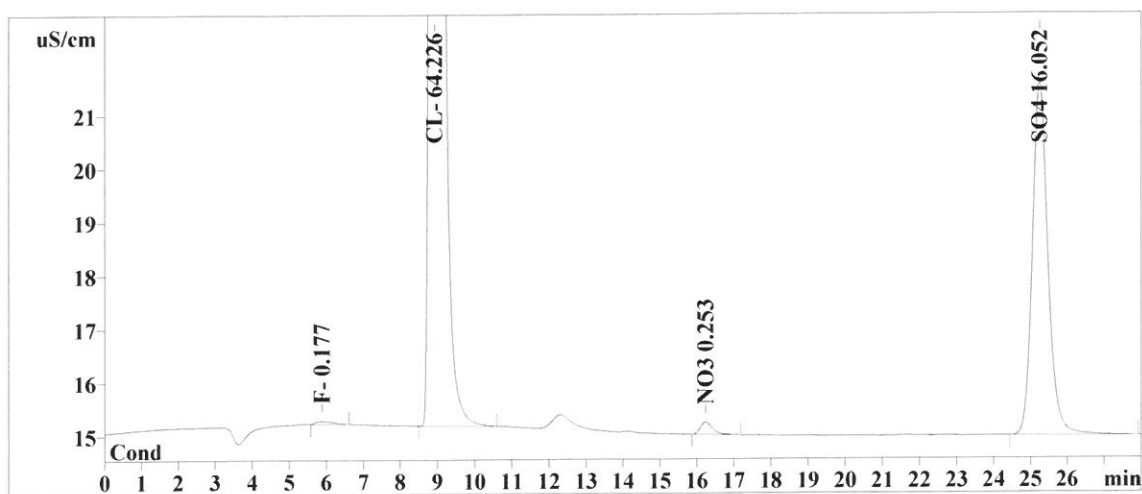
Ident: J2860-05
Analysis from: 5/10/2018 6:18:45 PM
File: _2018-05-10_

Last save: 5/11/2018 9:40:40 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62129

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 22
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	5.88	0.524	0.06	0.09	1.849	0.15	0.
2	8.92	0.281	56.27	89.06	1043.225	83.68	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.23	0.336	0.23	0.36	5.157	0.41	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.25	0.441	6.62	10.48	196.495	15.76	0.
7	28.00	0.226	63.18	99.99	1246.726	100.00	0.

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Report date: 5/11/2018 9:41:59 AM
 Printed by: wet

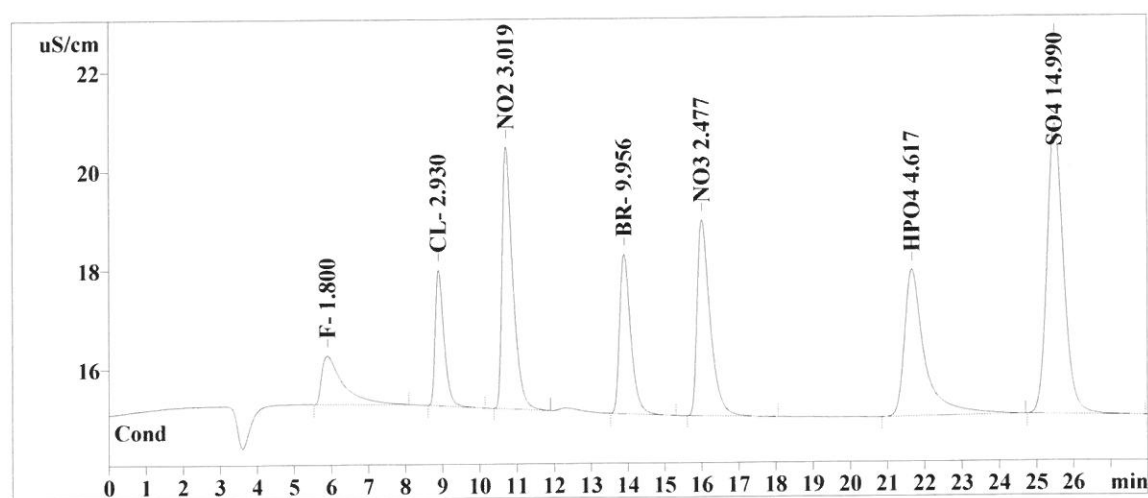
Ident: CCV
 Analysis from: 5/10/2018 6:49:40 PM
 File: _2018-05-10_

Last save: 5/10/2018 7:17:30 PM

Method: ANIONS 04-18-18.mtw
 Run operator: wet
 Analysis number: 62130

Last save: 4/18/2018 5:55:54 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	0.532	0.98	3.91	39.242	6.03	0.
2	8.90	0.250	2.74	10.95	45.978	7.07	0.
3	10.72	0.296	5.29	21.14	105.425	16.21	0.
4	13.90	0.316	3.22	12.87	68.447	10.52	0.
5	16.01	0.356	3.96	15.82	96.202	14.79	0.
6	21.67	0.491	2.96	11.85	112.375	17.27	0.
7	25.50	0.467	5.86	23.44	182.860	28.11	0.
7	28.00	0.387	25.01	99.99	650.530	100.00	0.

This report has been created by IC Net
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Report date: 5/11/2018 9:42:15 AM
Printed by: wet

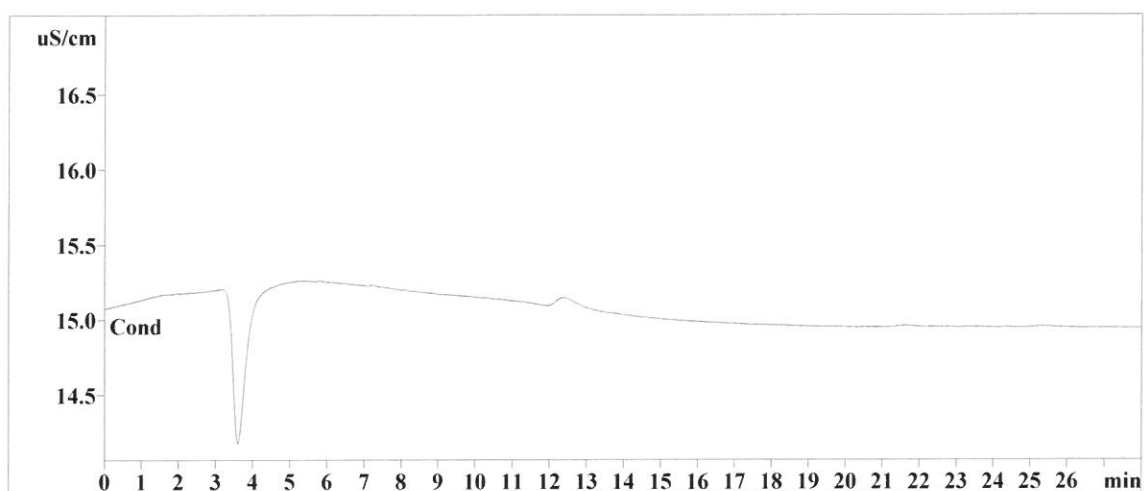
Ident: CCB
Analysis from: 5/10/2018 7:20:36 PM
File: _2018-05-10_

Last save: 5/11/2018 9:42:14 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62131

Last save: 4/18/2018 5:55:54 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: 5/11/2018 9:44:18 AM
Printed by: wet

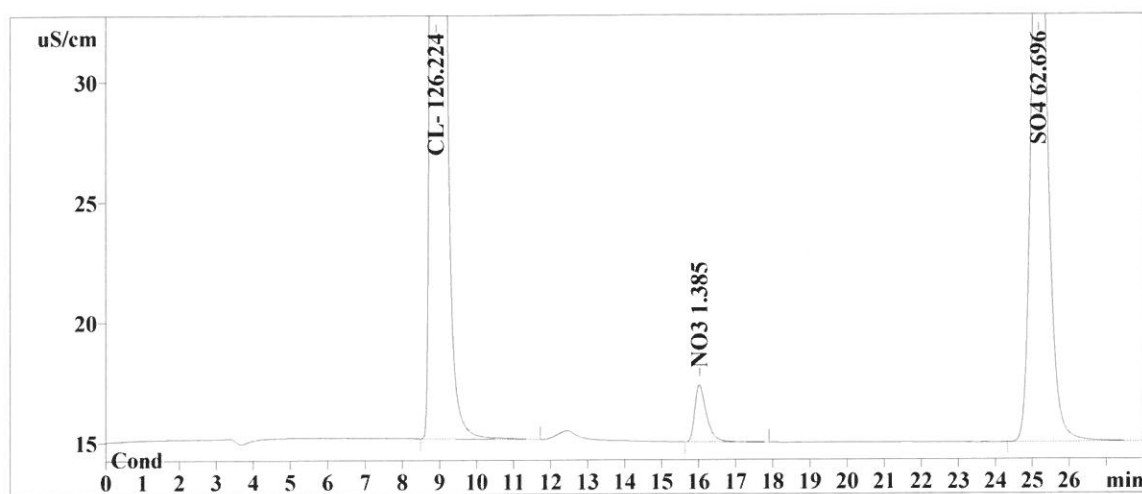
Ident: J2856-01
Analysis from: 5/10/2018 7:51:30 PM
File: _2018-05-10_

Last save: 5/11/2018 9:44:14 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62132

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 26
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	8.90	0.302	104.47	77.98	2051.892	70.78	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	16.01	0.318	2.37	1.77	51.503	1.78	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.17	0.441	27.13	20.25	795.387	27.44	0.
7	28.00	0.152	133.96	99.99	2898.782	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:45:54 AM
Printed by: wet

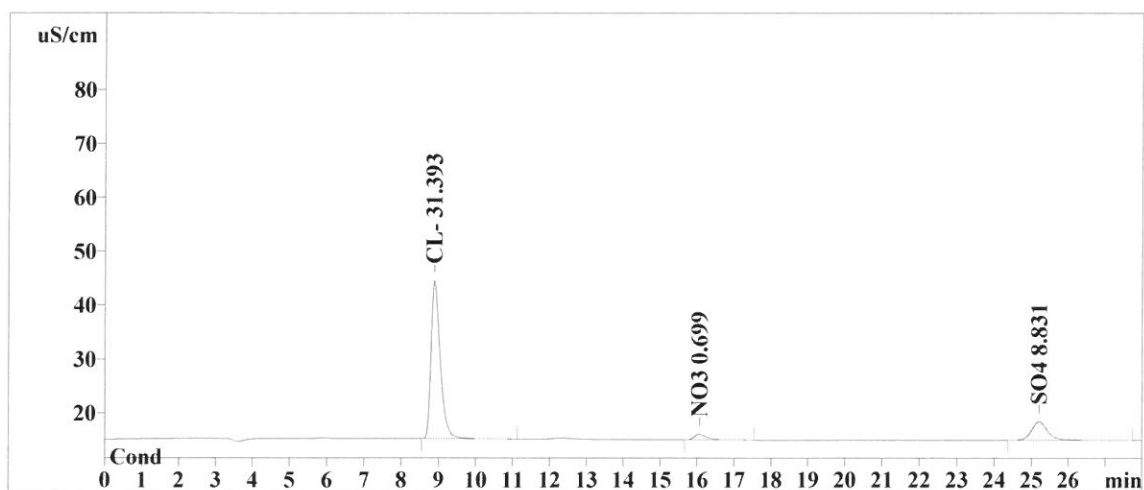
Ident: J2856-02
Analysis from: 5/10/2018 8:22:26 PM
File: _2018-05-10_

Last save: 5/11/2018 9:45:48 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62133

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 27
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	0.260	29.23	86.82	509.059	80.01	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	16.05	0.334	1.03	3.05	23.386	3.68	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.21	0.452	3.41	10.14	103.774	16.31	0.
7	28.00	0.149	33.67	100.01	636.219	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:47:31 AM
Printed by: wet

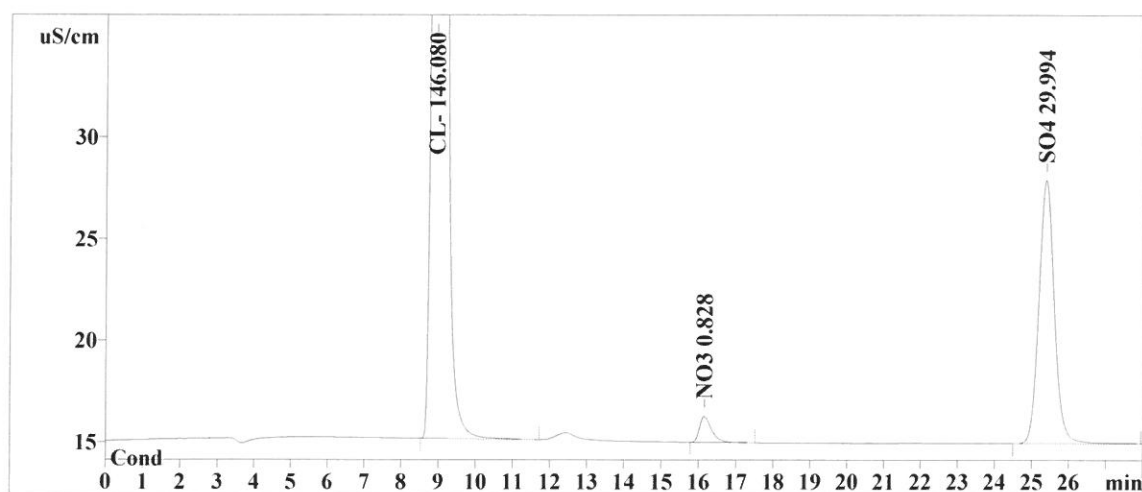
Ident: J2856-03
Analysis from: 5/10/2018 8:53:21 PM
File: _2018-05-10_

Last save: 5/11/2018 9:47:02 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62134

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 28
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	0.295	123.56	89.68	2374.928	85.46	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	16.15	0.332	1.28	0.93	28.683	1.03	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.37	0.434	12.94	9.39	375.504	13.51	0.
7	28.00	0.152	137.78	100.00	2779.115	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:49:03 AM
Printed by: wet

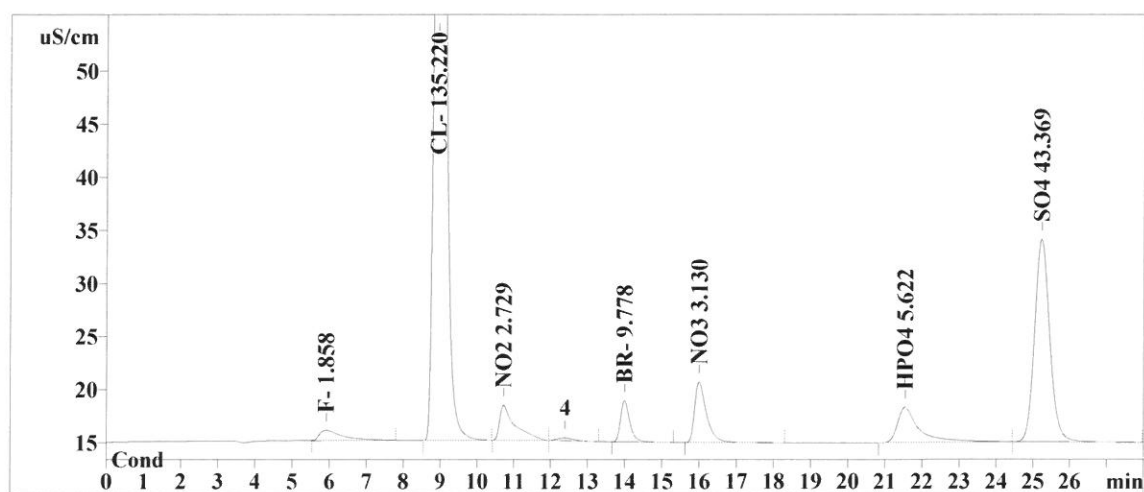
Ident: J2856-04MS
Analysis from: 5/10/2018 9:24:16 PM
File: _2018-05-10_

Last save: 5/10/2018 9:52:04 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62135

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 29
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	0.589	0.95	0.62	40.577	1.26	0.
2	8.93	0.285	118.28	76.42	2198.254	68.38	0.
3	10.73	0.346	3.30	2.13	94.873	2.95	0.
4	13.99	0.256	3.87	2.50	67.167	2.09	0.
5	15.99	0.313	5.69	3.68	122.939	3.82	0.
6	21.54	0.504	3.33	2.15	136.137	4.23	0.
7	25.22	0.431	19.07	12.32	547.228	17.02	0.
7	28.00	0.389	154.49	99.82	3207.176	99.76	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:49:15 AM
Printed by: wet

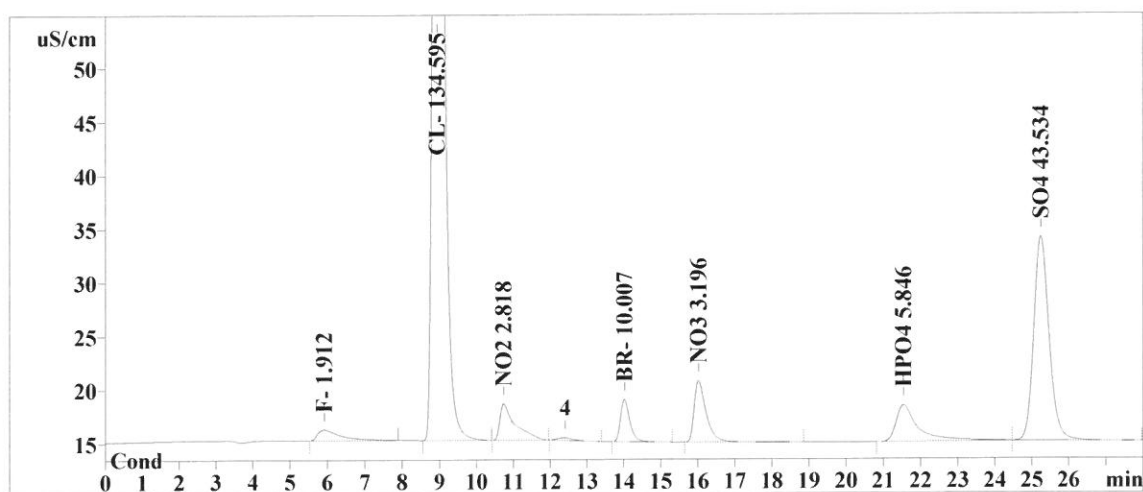
Ident: J2856-05MSD
Analysis from: 5/10/2018 9:55:11 PM
File: _2018-05-10_

Last save: 5/10/2018 10:23:00 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62136

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 30
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.92	0.586	0.98	0.64	41.819	1.30	0.
2	8.94	0.286	117.13	76.10	2188.086	67.94	0.
3	10.75	0.351	3.41	2.21	98.102	3.05	0.
4	14.01	0.258	3.93	2.56	68.820	2.14	0.
5	16.02	0.316	5.73	3.73	125.641	3.90	0.
6	21.54	0.504	3.44	2.23	141.440	4.39	0.
7	25.25	0.433	19.02	12.36	549.353	17.06	0.
7	28.00	0.391	153.65	99.83	3213.261	99.77	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:50:04 AM
Printed by: wet

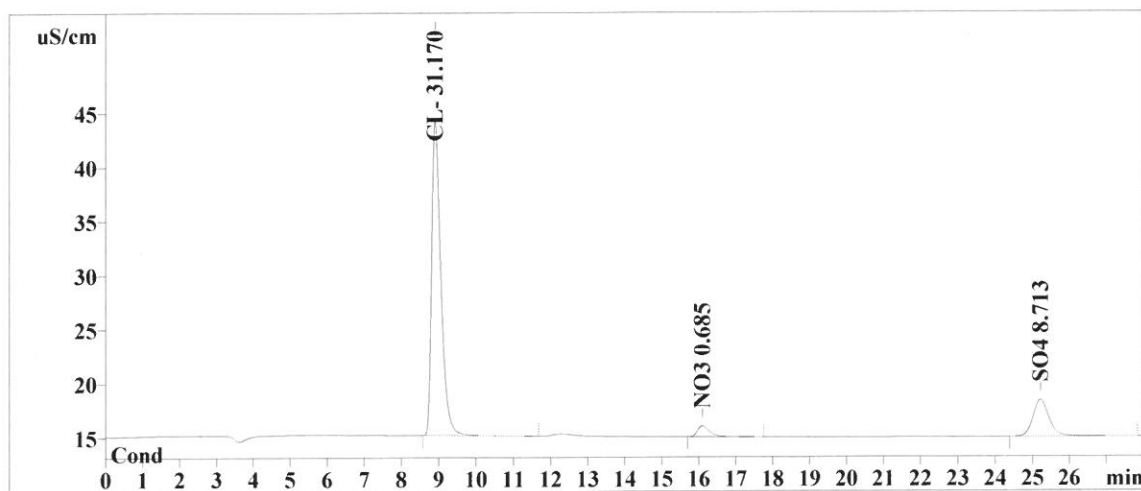
Ident: J2856-06
Analysis from: 5/10/2018 10:26:06 PM
File: _2018-05-10_

Last save: 5/11/2018 9:50:00 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62137

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 31
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.90	0.259	29.09	86.85	505.426	80.16	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	16.09	0.335	1.00	3.00	22.845	3.62	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.22	0.448	3.40	10.14	102.268	16.22	0.
7	28.00	0.149	33.49	99.99	630.539	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:58:40 AM
Printed by: wet

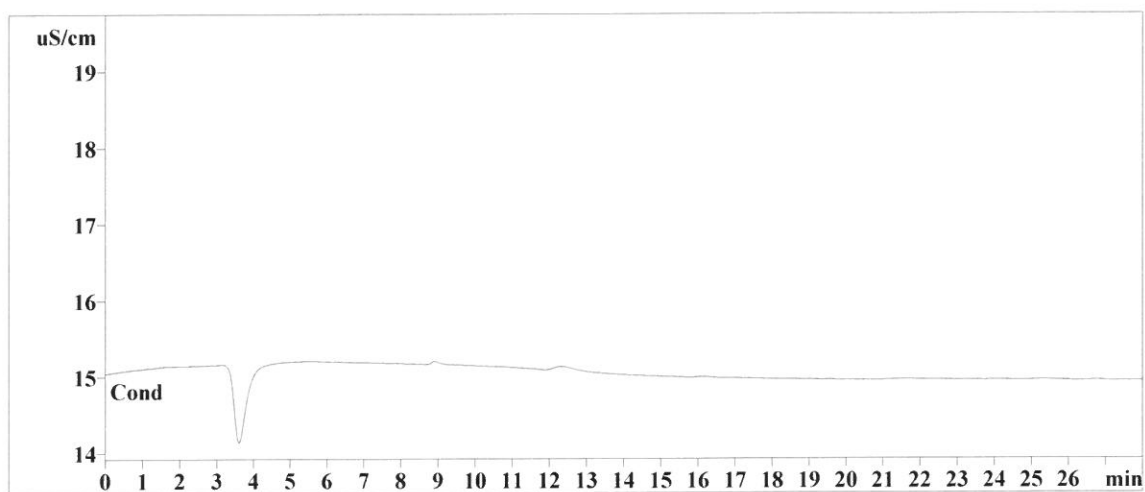
Ident: J2851-01DUP
Analysis from: 5/10/2018 10:57:01 PM
File: _2018-05-10_

Last save: 5/11/2018 9:58:18 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62138

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 12
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:53:41 AM
 Printed by: wet

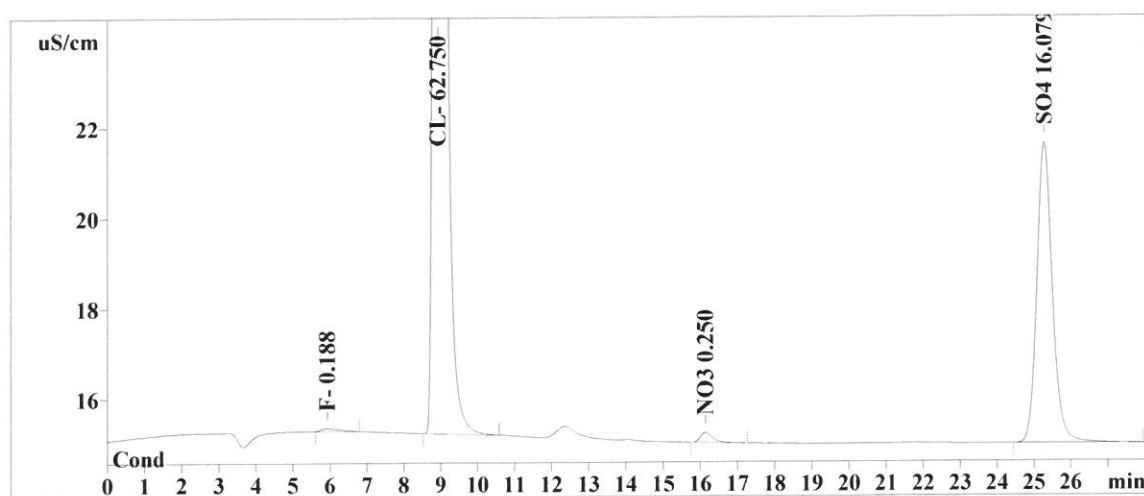
Ident: J2860-05DUP
 Analysis from: 5/10/2018 11:27:57 PM
 File: _2018-05-10_

Last save: 5/11/2018 9:53:32 AM

Method: ANIONS 04-18-18.mtw
 Run operator: wet
 Analysis number: 62139

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
 : AK/AP
 Vial number: 23
 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	0.546	0.06	0.10	2.098	0.17	0.
2	8.92	0.273	56.57	89.06	1019.209	83.33	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	16.14	0.335	0.22	0.35	5.012	0.41	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.28	0.440	6.66	10.49	196.846	16.09	0.
7	28.00	0.228	63.52	99.99	1223.165	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 5/11/2018 9:54:38 AM
Printed by: wet

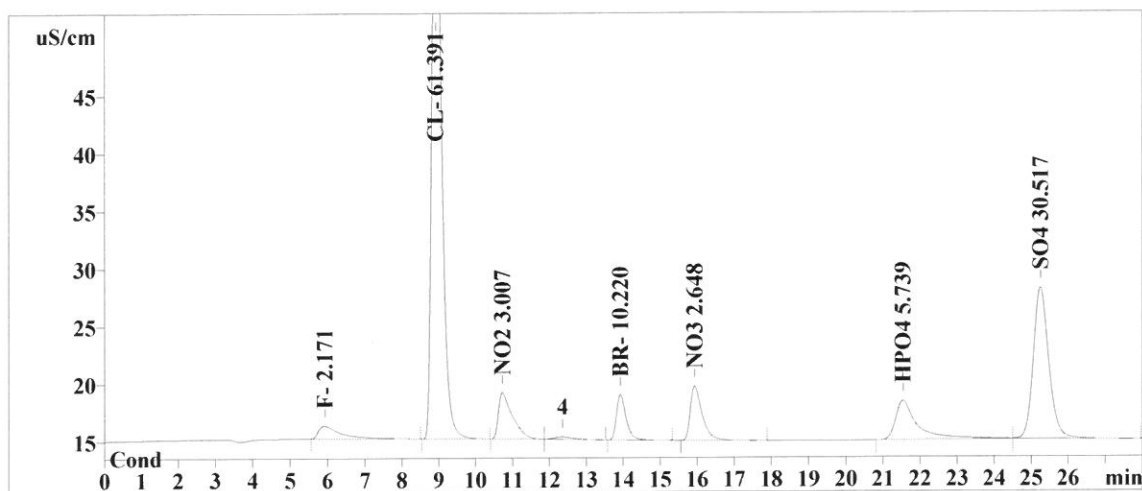
Ident: J2860-05MS
Analysis from: 5/10/2018 11:58:52 PM
File: _2018-05-10_

Last save: 5/11/2018 12:26:40 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62140

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 24
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	0.562	1.10	1.29	47.786	2.58	0.
2	8.91	0.273	55.39	64.46	997.093	53.83	0.
3	10.73	0.381	4.04	4.70	104.978	5.67	0.
4	13.92	0.264	3.93	4.58	70.349	3.80	0.
5	15.93	0.319	4.71	5.48	103.195	5.57	0.
6	21.54	0.501	3.41	3.97	138.903	7.50	0.
7	25.25	0.437	13.12	15.27	382.216	20.64	0.
7	28.00	0.391	85.71	99.74	1844.519	99.59	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:55:02 AM
Printed by: wet

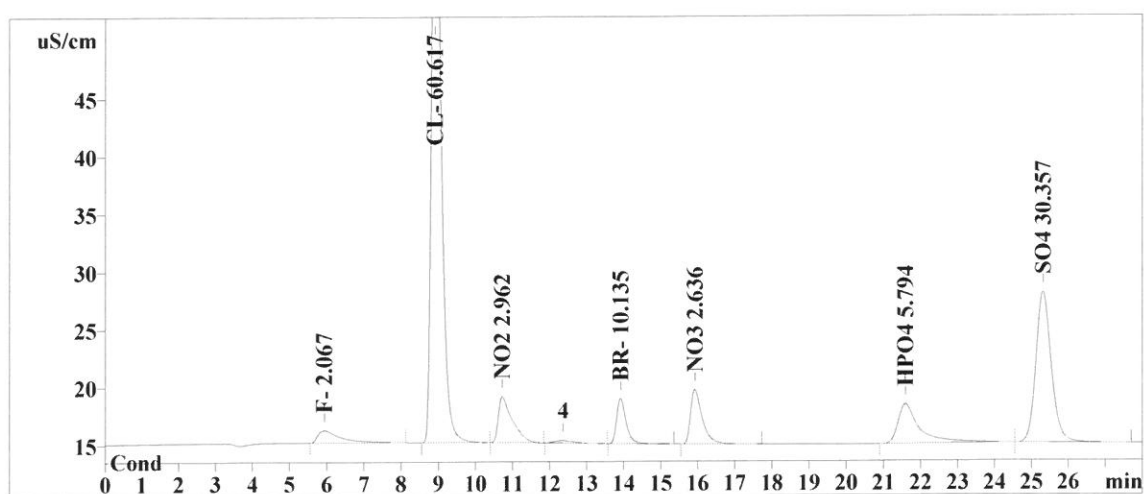
Ident: J2860-05MSD
Analysis from: 5/11/2018 12:29:47 AM
File: _2018-05-11_

Last save: 5/11/2018 12:57:36 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62141

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 25
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	0.575	1.06	1.24	45.392	2.48	0.
2	8.91	0.269	55.25	64.54	984.515	53.70	0.
3	10.73	0.380	3.99	4.66	103.358	5.64	0.
4	13.91	0.263	3.91	4.56	69.737	3.80	0.
5	15.92	0.318	4.70	5.49	102.692	5.60	0.
6	21.59	0.502	3.44	4.02	140.207	7.65	0.
7	25.31	0.437	13.04	15.23	380.168	20.73	0.
7	28.00	0.392	85.38	99.74	1826.067	99.60	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:55:23 AM
Printed by: wet

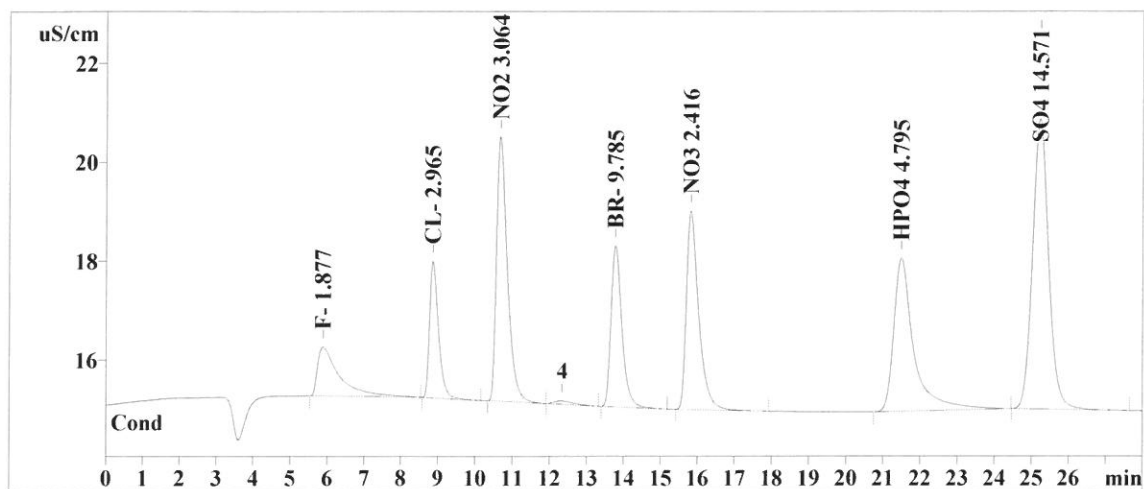
Ident: CCV
Analysis from: 5/11/2018 1:00:42 AM
File: _2018-05-11_

Last save: 5/11/2018 1:28:32 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62142

Last save: 4/18/2018 5:55:54 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	0.532	0.99	3.91	41.029	6.29	0.
2	8.86	0.250	2.76	10.87	46.542	7.14	0.
3	10.67	0.298	5.35	21.06	107.071	16.42	0.
4	13.77	0.307	3.25	12.82	67.216	10.31	0.
5	15.81	0.343	4.01	15.77	93.691	14.37	0.
6	21.48	0.487	3.10	12.19	116.568	17.88	0.
7	25.22	0.454	5.86	23.09	177.472	27.21	0.
7	28.00	0.382	25.32	99.71	649.590	99.61	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 9:55:41 AM
Printed by: wet

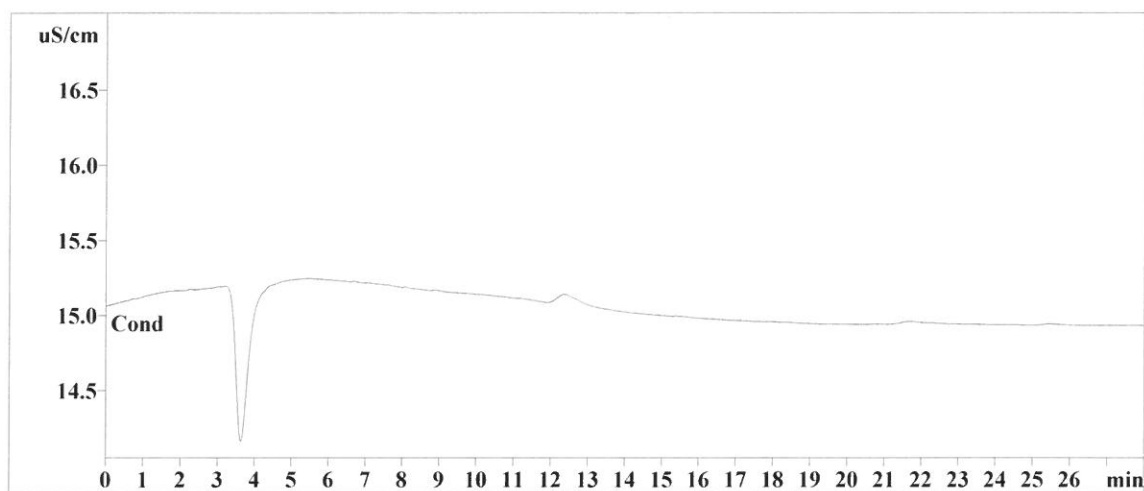
Ident: CCB
Analysis from: 5/11/2018 1:31:37 AM
File: _2018-05-11_

Last save: 5/11/2018 9:55:40 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62143

Last save: 4/18/2018 5:55:54 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: 5/11/2018 10:00:32 AM
Printed by: wet

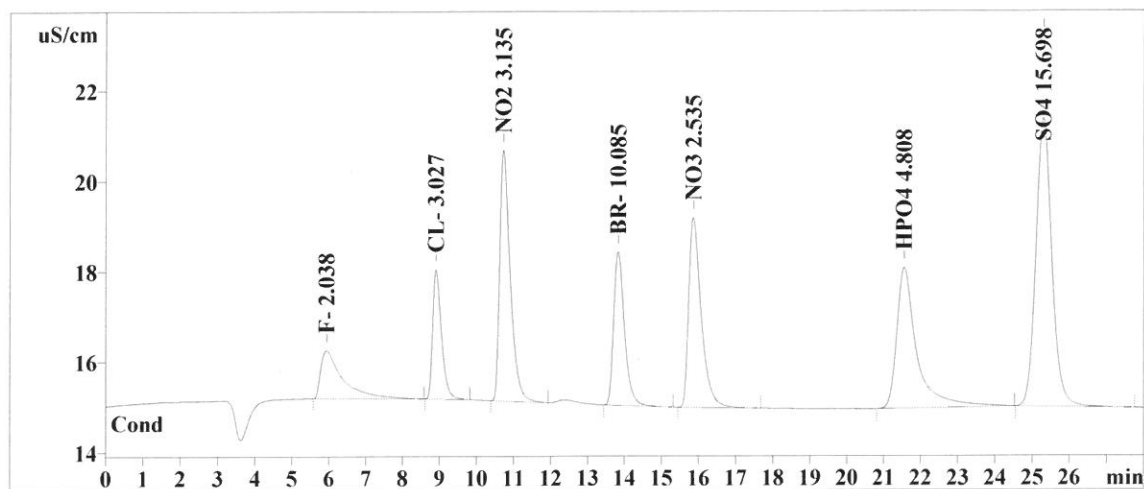
Ident: J2851-01MS
Analysis from: 5/11/2018 2:02:32 AM
File: _2018-05-11_

Last save: 5/11/2018 2:30:20 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62144

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 13
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.93	0.546	1.06	3.99	44.726	6.59	0.
2	8.90	0.249	2.85	10.76	47.561	7.01	0.
3	10.72	0.293	5.55	20.91	109.657	16.16	0.
4	13.83	0.305	3.39	12.79	69.377	10.22	0.
5	15.85	0.345	4.20	15.82	98.573	14.52	0.
6	21.55	0.484	3.11	11.72	116.877	17.22	0.
7	25.29	0.452	6.37	24.01	191.948	28.28	0.
7	28.00	0.382	26.53	100.00	678.718	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 10:00:40 AM
Printed by: wet

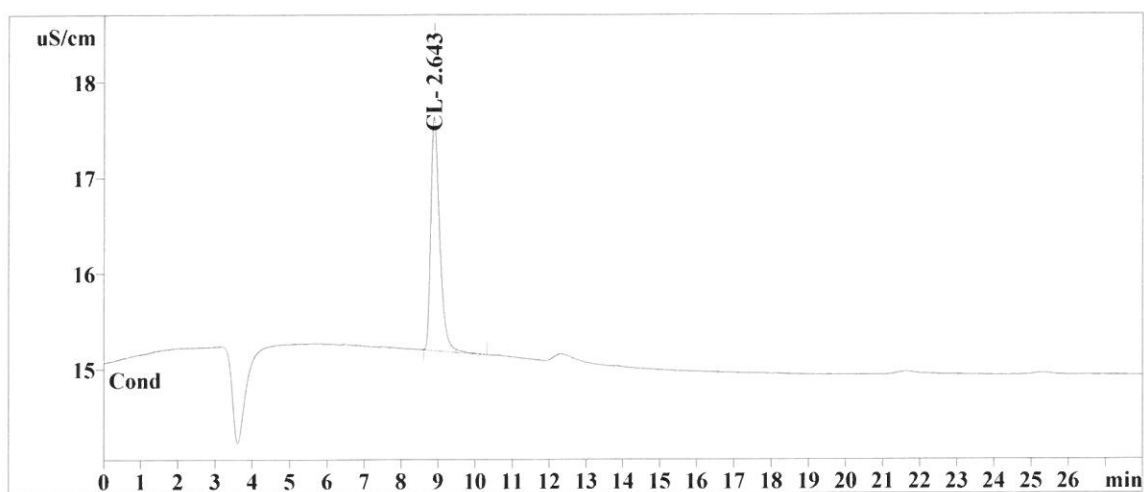
Ident: J2858-03DLX50
Analysis from: 5/11/2018 2:33:27 AM
File: _2018-05-11_

Last save: 5/11/2018 9:25:48 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62145

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 32
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.88	0.251	2.44	100.01	41.303	100.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.036	2.44	100.01	41.303	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 10:00:47 AM
Printed by: wet

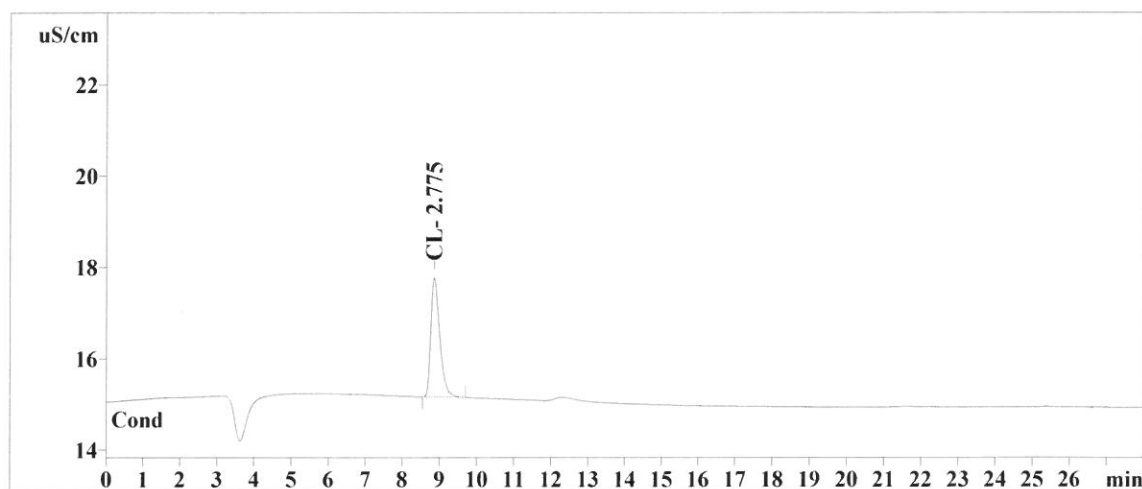
Ident: J2858-04DLX50
Analysis from: 5/11/2018 3:04:22 AM
File: _2018-05-11_

Last save: 5/11/2018 9:28:20 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62146

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 33
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.86	0.249	2.61	99.97	43.450	100.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.036	2.61	99.97	43.450	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 10:00:58 AM
Printed by: wet

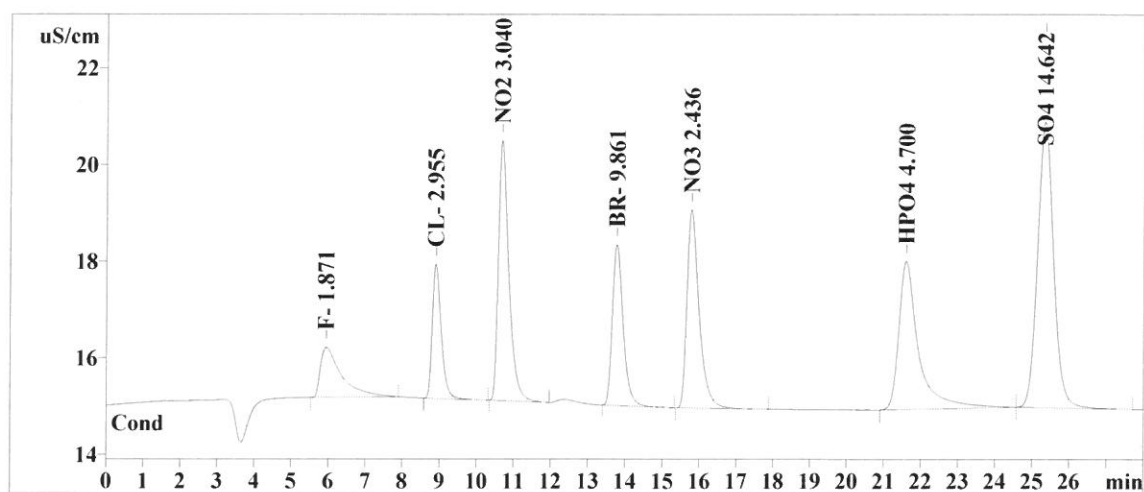
Ident: CCV
Analysis from: 5/11/2018 3:35:17 AM
File: _2018-05-11_

Last save: 5/11/2018 4:03:06 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62147

Last save: 4/18/2018 5:55:54 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	5.94	0.533	1.03	4.04	40.890	6.31	0.
2	8.89	0.249	2.77	10.85	46.388	7.15	0.
3	10.68	0.293	5.37	21.01	106.177	16.37	0.
4	13.77	0.304	3.33	13.02	67.768	10.45	0.
5	15.77	0.338	4.09	16.02	94.530	14.58	0.
6	21.60	0.482	3.06	11.98	114.340	17.63	0.
7	25.33	0.454	5.90	23.09	178.392	27.51	0.
7	28.00	0.379	25.56	100.00	648.485	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 10:01:15 AM
Printed by: wet

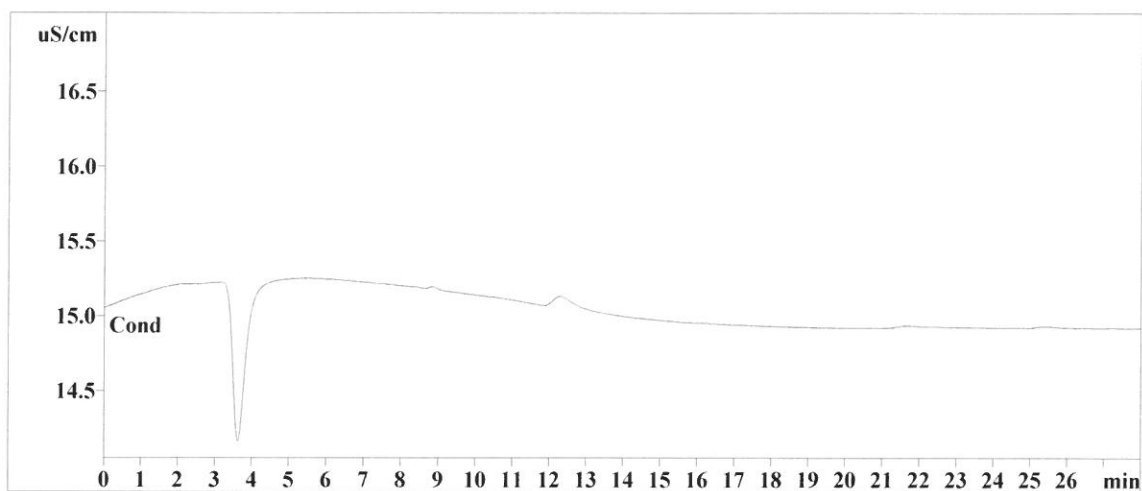
Ident: CCB
Analysis from: 5/11/2018 4:06:12 AM
File: _2018-05-11_

Last save: 5/11/2018 10:01:12 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62148

Last save: 4/18/2018 5:55:54 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: 5/11/2018 10:58:43 AM
Printed by: wet

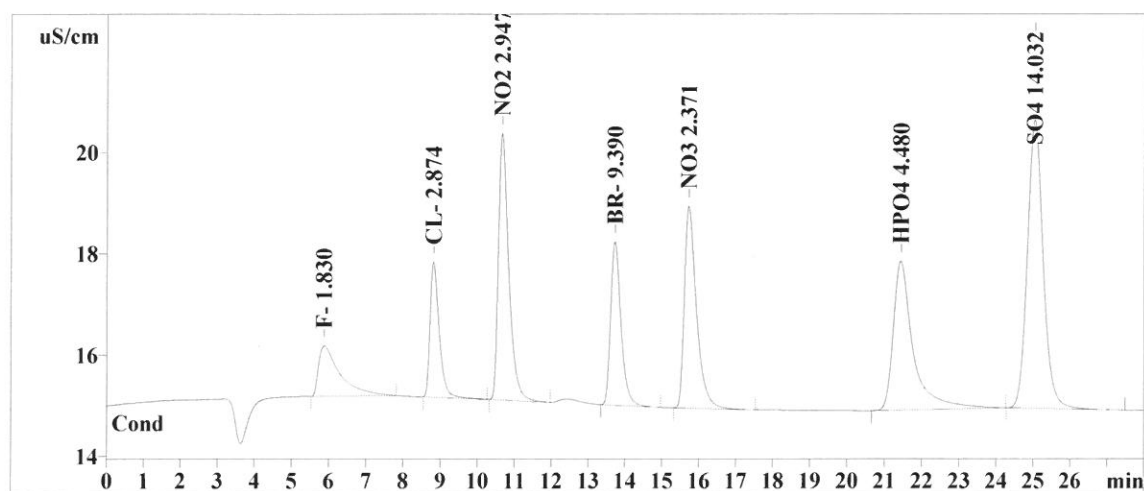
Ident: CCV
Analysis from: 5/11/2018 8:24:48 AM
File: _2018-05-11_

Last save: 5/11/2018 8:52:38 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62151

Last save: 4/18/2018 5:55:54 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	5.88	0.548	0.99	4.00	39.941	6.40	0.
2	8.81	0.248	2.67	10.76	45.068	7.23	0.
3	10.66	0.289	5.26	21.23	102.792	16.48	0.
4	13.72	0.298	3.23	13.02	64.373	10.32	0.
5	15.72	0.338	3.99	16.10	91.865	14.73	0.
6	21.43	0.480	2.94	11.88	109.129	17.50	0.
7	25.03	0.447	5.70	22.99	170.559	27.35	0.
7	28.00	0.378	24.78	99.98	623.726	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 10:58:58 AM
Printed by: wet

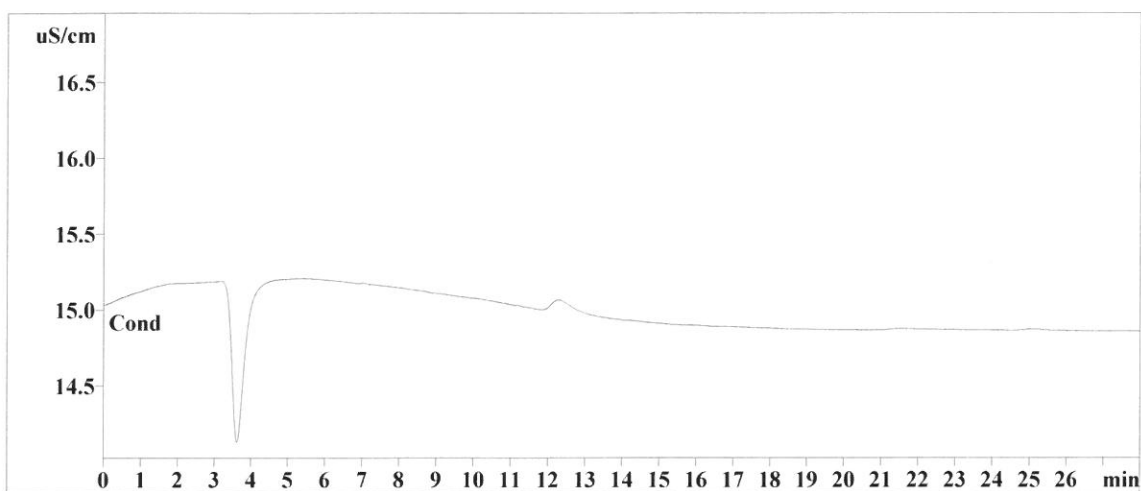
Ident: CCB
Analysis from: 5/11/2018 8:55:43 AM
File: _2018-05-11_

Last save: 5/11/2018 10:58:58 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62152

Last save: 4/18/2018 5:55:54 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: 5/11/2018 10:59:14 AM
Printed by: wet

Ident: LB95285BLW2
Analysis from: 5/11/2018 9:26:39 AM
File: _2018-05-11_

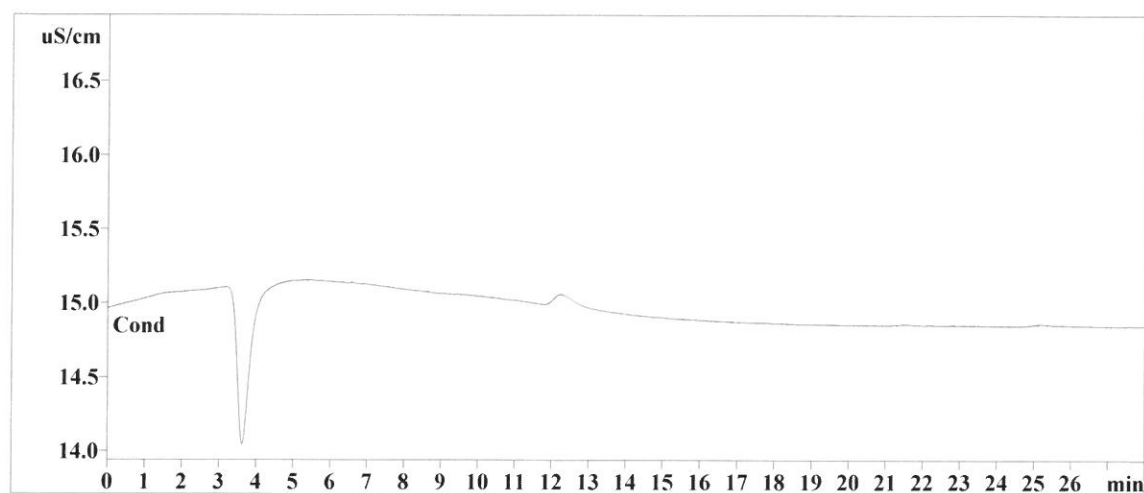
Last save: 5/11/2018 10:59:16 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62153

Last save: 4/18/2018 5:55:54 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: 5/11/2018 10:59:51 AM
Printed by: wet

Ident: LB95285BSW2
Analysis from: 5/11/2018 9:57:33 AM
File: _2018-05-11_

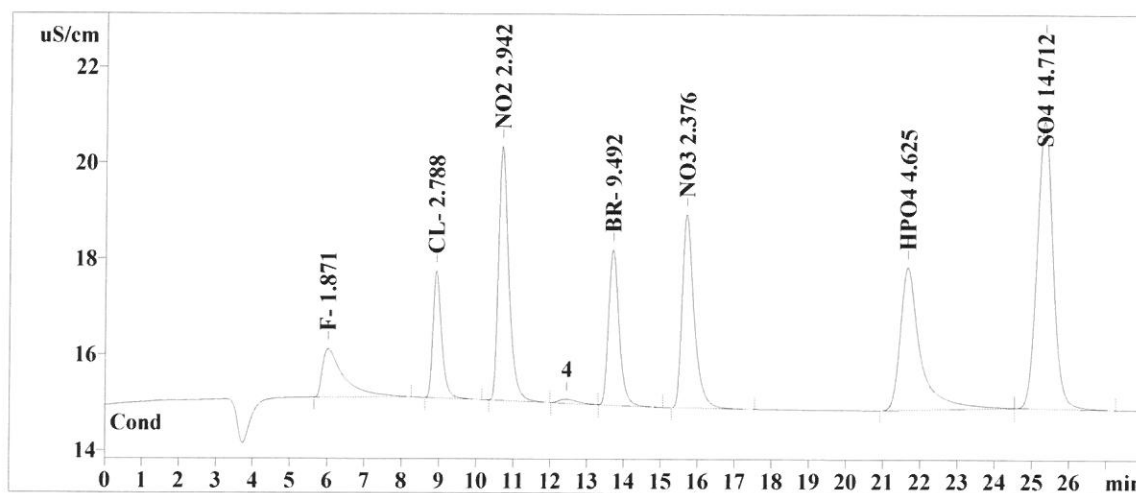
Last save: 5/11/2018 10:29:14 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62154

Last save: 4/18/2018 5:55:54 PM

SAMPLE:

: AK/AP
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.02	0.535	1.01	4.00	40.884	6.40	0.
2	8.91	0.246	2.64	10.46	43.661	6.83	0.
3	10.67	0.287	5.30	20.96	102.618	16.05	0.
4	13.69	0.302	3.24	12.82	65.106	10.18	0.
5	15.68	0.337	4.02	15.93	92.066	14.40	0.
6	21.65	0.490	2.97	11.77	112.563	17.61	0.
7	25.30	0.450	5.99	23.72	179.283	28.05	0.
7	28.00	0.378	25.17	99.65	636.181	99.52	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 11:00:32 AM
Printed by: wet

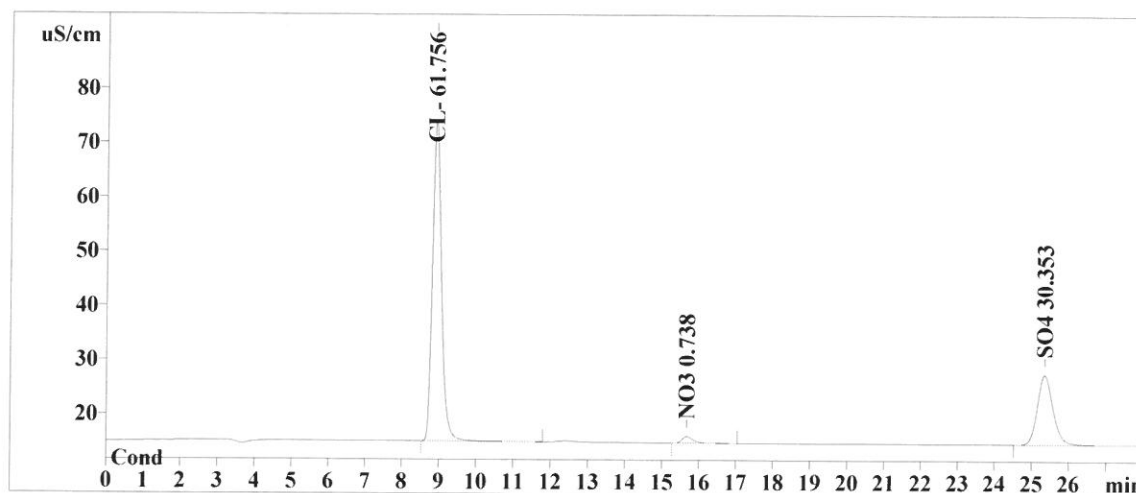
Ident: J2856-01DLX2
Analysis from: 5/11/2018 10:29:01 AM
File: _2018-05-11_

Last save: 5/11/2018 11:00:30 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62155

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 34
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.90	0.255	59.04	80.79	1003.032	71.23	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.67	0.313	1.18	1.62	25.000	1.78	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.35	0.442	12.85	17.58	380.111	26.99	0.
7	28.00	0.144	73.07	100.00	1408.143	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 1:05:05 PM
Printed by: wet

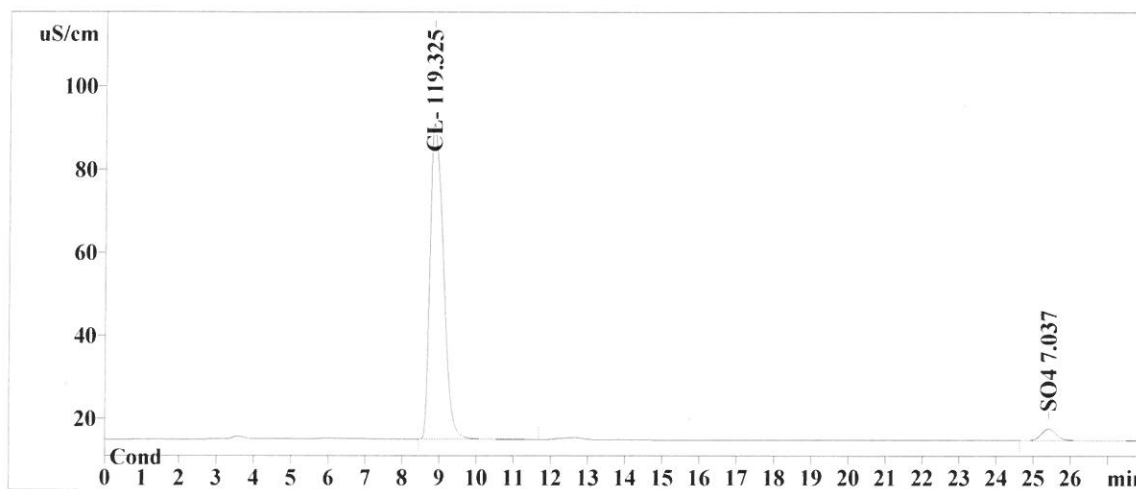
Ident: J2858-01
Analysis from: 5/11/2018 10:59:56 AM
File: _2018-05-11_

Last save: 5/11/2018 1:00:08 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62156

Last save: 4/18/2018 5:55:54 PM

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	8.84	0.409	75.98	96.44	1939.657	96.00	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	25.41	0.430	2.80	3.56	80.751	4.00	0.
7	28.00	0.120	78.79	100.00	2020.408	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 1:00:50 PM
Printed by: wet

Ident: J2858-02
Analysis from: 5/11/2018 11:30:51 AM
File: _2018-05-11_

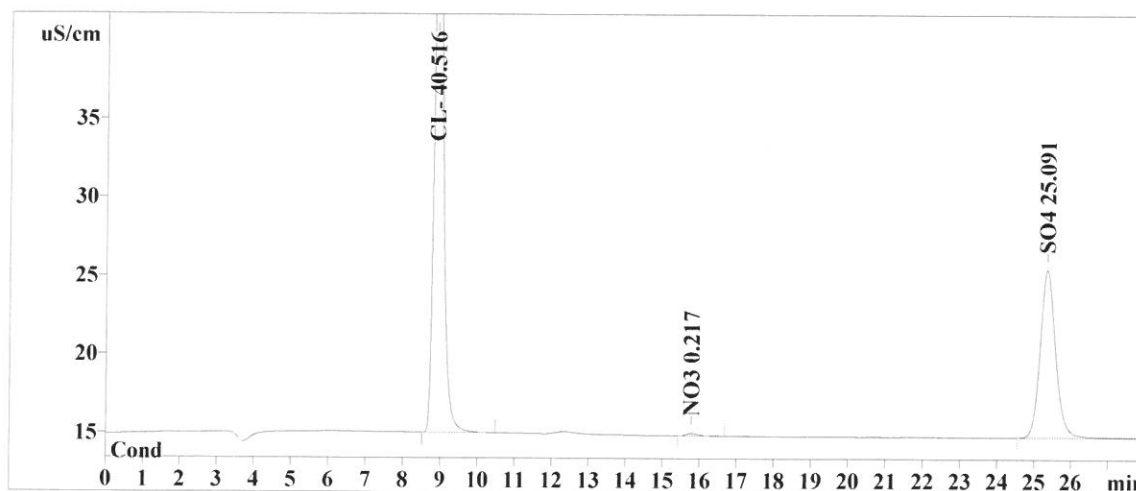
Last save: 5/11/2018 1:00:38 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62157

Last save: 4/18/2018 5:55:54 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.89	0.243	40.42	78.94	657.484	67.52	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	15.78	0.336	0.16	0.32	3.666	0.38	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.34	0.439	10.63	20.76	312.549	32.10	0.
7	28.00	0.146	51.21	100.01	973.699	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 1:05:50 PM
Printed by: wet

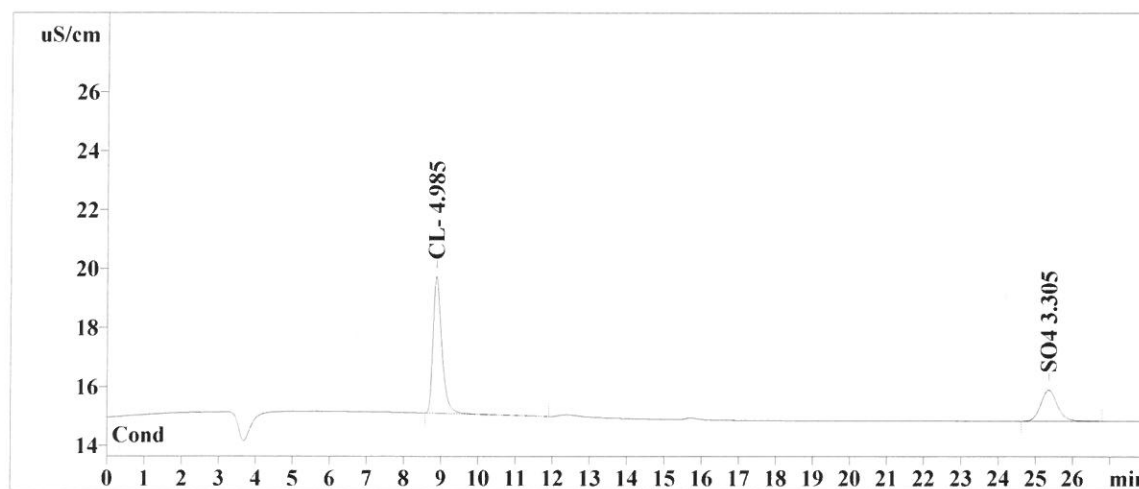
Ident: J2856-01DL2X20
Analysis from: 5/11/2018 12:01:46 PM
File: _2018-05-11_

Last save: 5/11/2018 1:05:50 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62158

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 35
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.87	0.252	4.62	81.44	79.420	70.76	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.35	0.470	1.05	18.55	32.821	29.24	0.
7	28.00	0.103	5.68	99.99	112.241	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/11/2018 1:11:48 PM
Printed by: wet

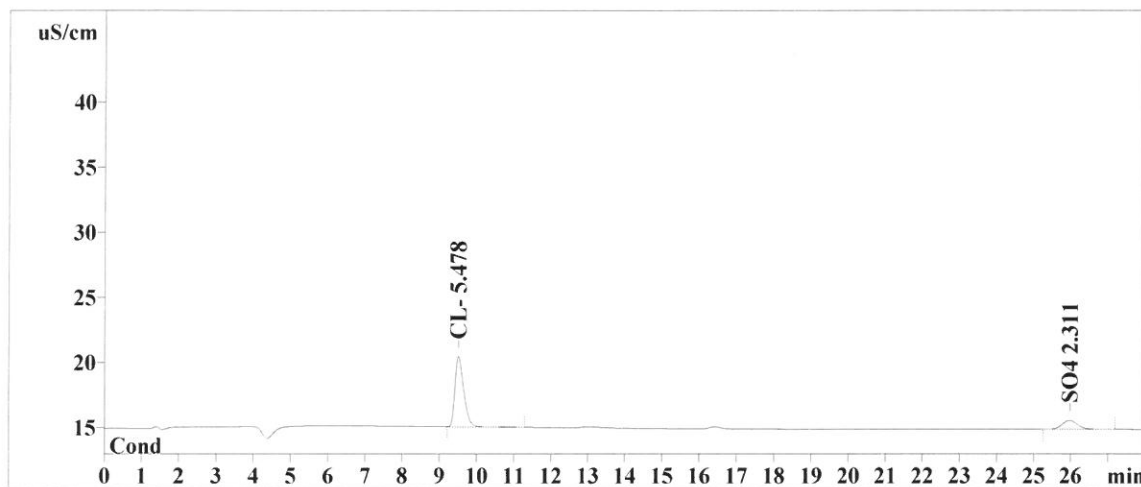
Ident: J2856-02DLX5
Analysis from: 5/11/2018 12:32:41 PM
File: _2018-05-11_

Last save: 5/11/2018 1:11:38 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62159

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 36
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	9.51	0.248	5.39	88.75	87.433	81.33	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.98	0.443	0.68	11.25	20.070	18.67	0.
7	28.00	0.099	6.07	100.00	107.503	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:10:27 AM
Printed by: wet

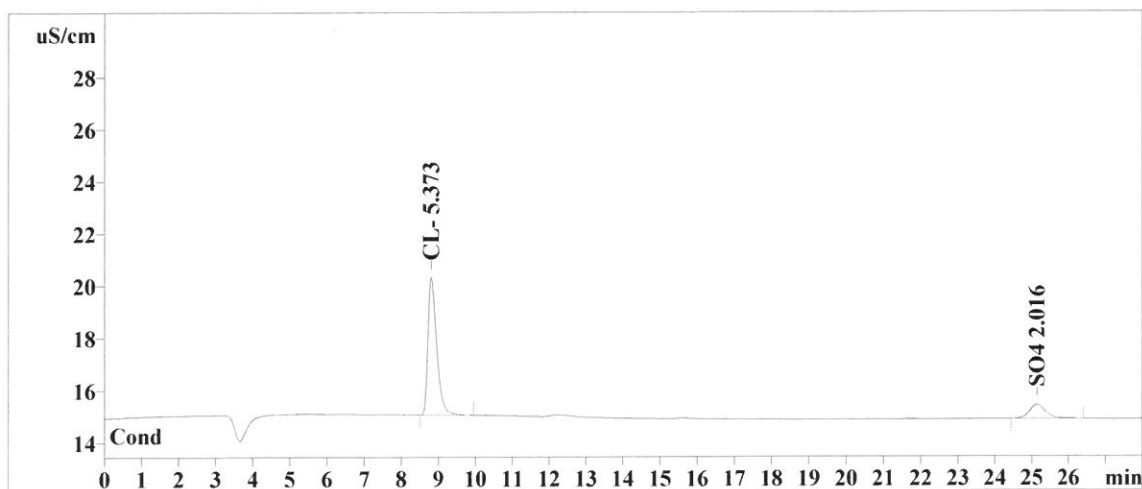
Ident: J2856-03DLX20
Analysis from: 5/11/2018 1:03:36 PM
File: _2018-05-11_

Last save: 5/14/2018 10:10:24 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62160

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 45
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	0.243	5.25	90.78	85.732	84.04	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.15	0.460	0.53	9.21	16.280	15.96	0.
7	28.00	0.100	5.79	99.99	102.012	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:13:04 AM
Printed by: wet

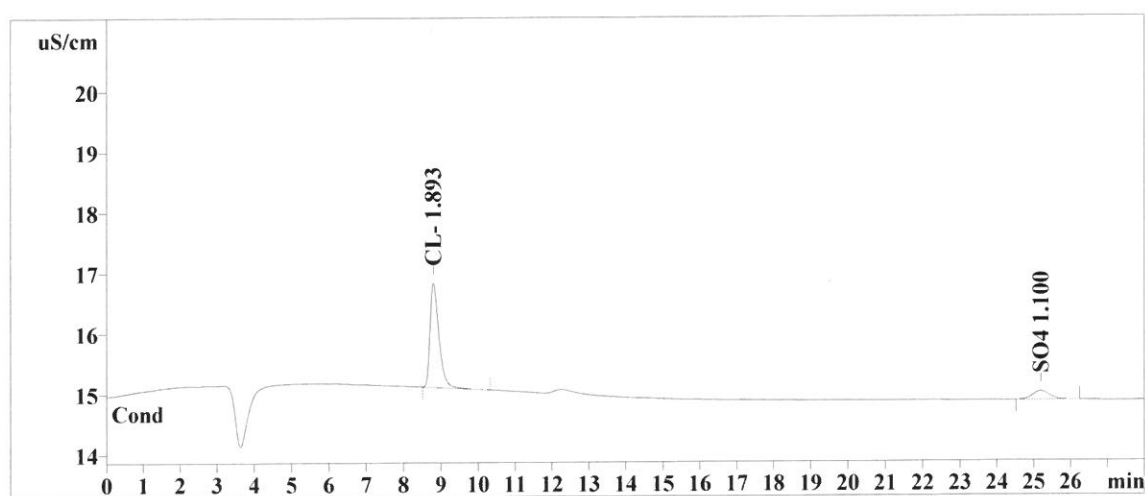
Ident: J2860-01DLX50
Analysis from: 5/11/2018 1:34:31 PM
File: _2018-05-11_

Last save: 5/14/2018 10:12:56 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62161

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 46
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	0.250	1.72	92.35	29.109	86.57	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.19	0.483	0.14	7.60	4.516	13.43	0.
7	28.00	0.105	1.86	99.95	33.624	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:14:12 AM
Printed by: wet

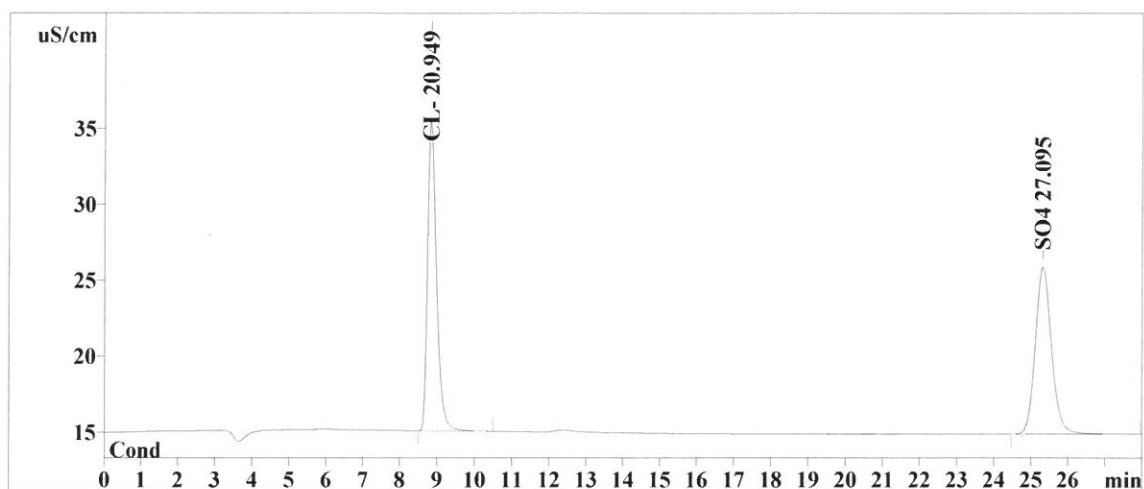
Ident: J2860-02DLX2
Analysis from: 5/11/2018 2:05:27 PM
File: _2018-05-11_

Last save: 5/14/2018 10:14:12 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62162

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 47
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	0.246	20.41	65.00	339.131	50.06	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.31	0.462	10.99	35.00	338.282	49.94	0.
7	28.00	0.101	31.40	100.00	677.413	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:14:41 AM
Printed by: wet

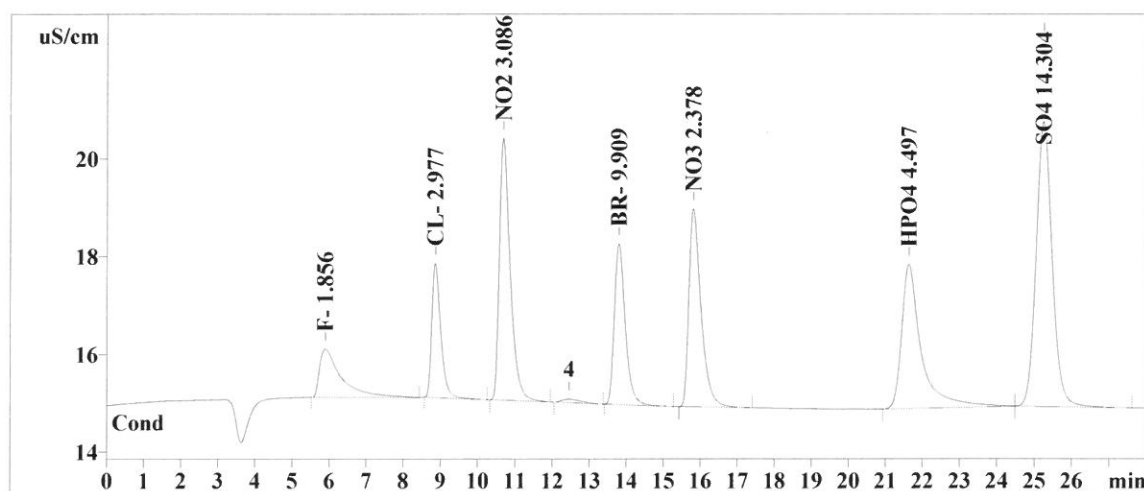
Ident: CCV
Analysis from: 5/11/2018 2:36:22 PM
File: _2018-05-11_

Last save: 5/11/2018 3:04:10 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62163

Last save: 4/18/2018 5:55:54 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	0.535	0.99	3.90	40.527	6.32	0.
2	8.85	0.253	2.74	10.86	46.738	7.28	0.
3	10.69	0.299	5.35	21.19	107.858	16.81	0.
4	13.79	0.310	3.28	13.00	68.109	10.62	0.
5	15.81	0.335	4.05	16.04	92.153	14.36	0.
6	21.63	0.481	2.95	11.66	109.533	17.07	0.
7	25.24	0.449	5.82	23.05	174.056	27.13	0.
7	28.00	0.380	25.18	99.70	638.975	99.59	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:15:00 AM
Printed by: wet

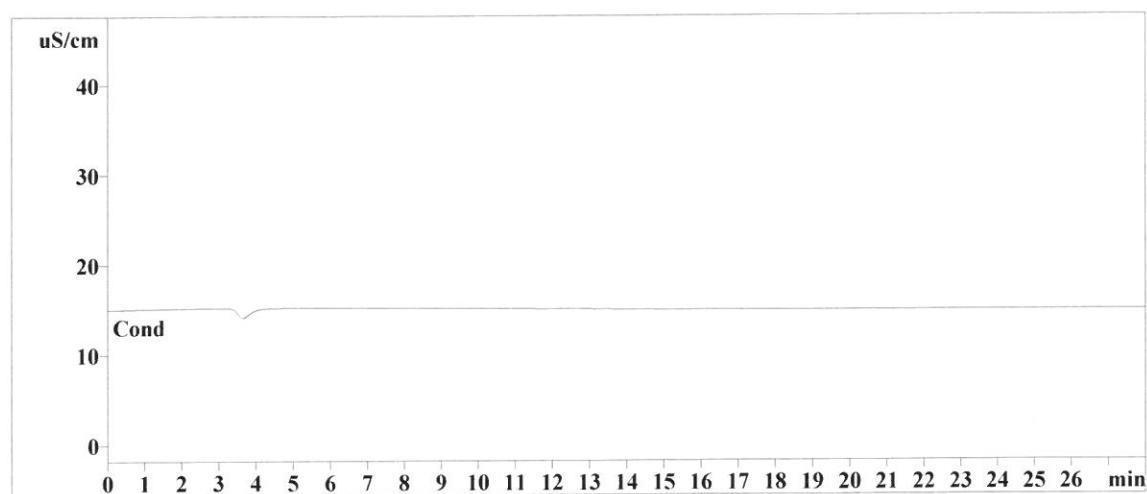
Ident: CCB
Analysis from: 5/11/2018 3:07:16 PM
File: _2018-05-11_

Last save: 5/14/2018 10:14:58 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62164

Last save: 4/18/2018 5:55:54 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: 5/14/2018 10:15:47 AM
Printed by: wet

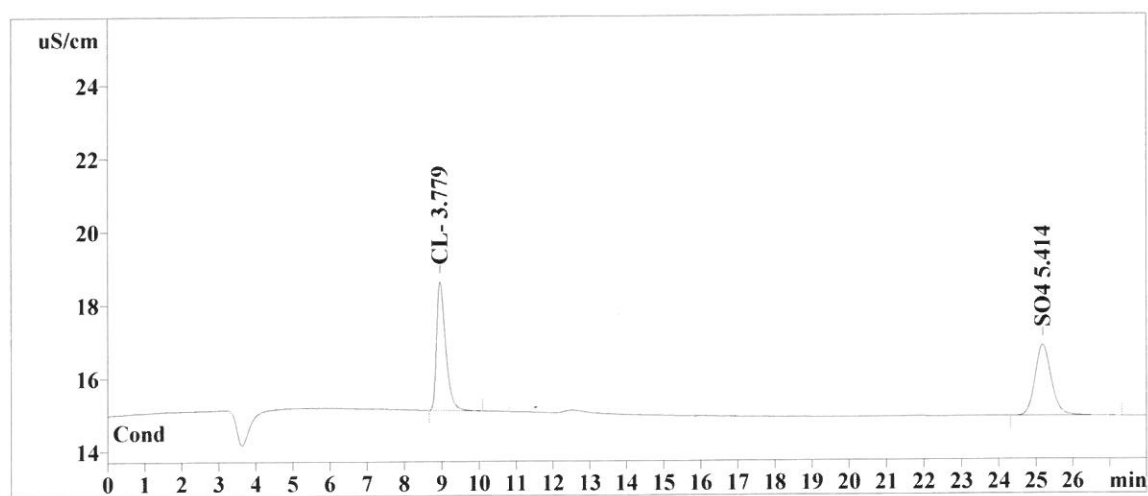
Ident: J2860-02DL2X10
Analysis from: 5/11/2018 3:38:12 PM
File: _2018-05-11_

Last save: 5/14/2018 10:15:48 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62165

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 48
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.96	0.254	3.50	64.38	59.797	49.96	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.18	0.460	1.94	35.63	59.904	50.04	0.
7	28.00	0.102	5.44	100.00	119.701	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:17:01 AM
Printed by: wet

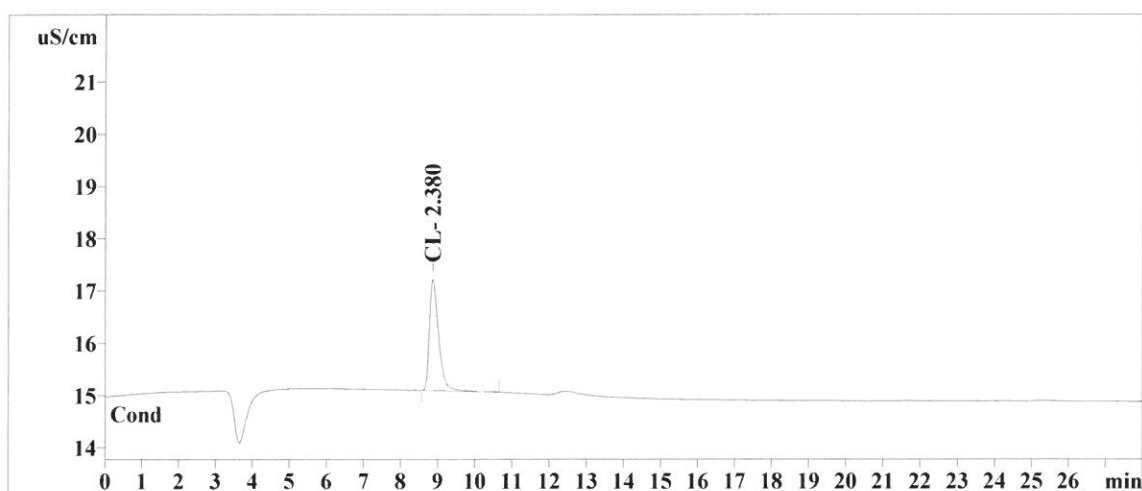
Ident: J2860-03DLX50
Analysis from: 5/11/2018 4:09:07 PM
File: _2018-05-11_

Last save: 5/14/2018 10:16:58 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62166

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 49
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	0.256	2.12	99.96	37.035	100.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.037	2.12	99.96	37.035	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:18:43 AM
Printed by: wet

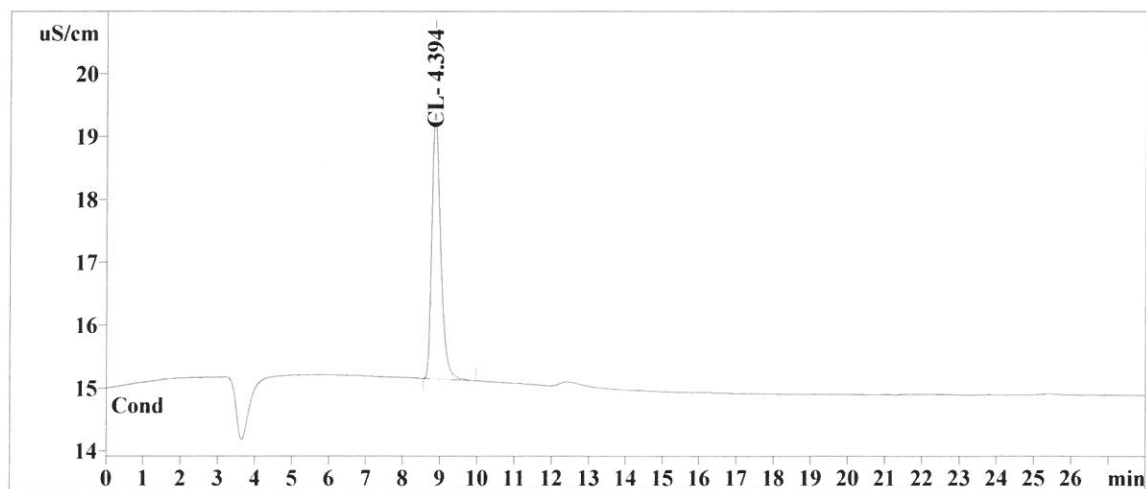
Ident: J2860-04DLX100
Analysis from: 5/11/2018 4:40:02 PM
File: _2018-05-11_

Last save: 5/14/2018 10:18:42 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62167

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 50
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	0.246	4.22	100.00	69.800	100.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.035	4.22	100.00	69.800	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:21:01 AM
Printed by: wet

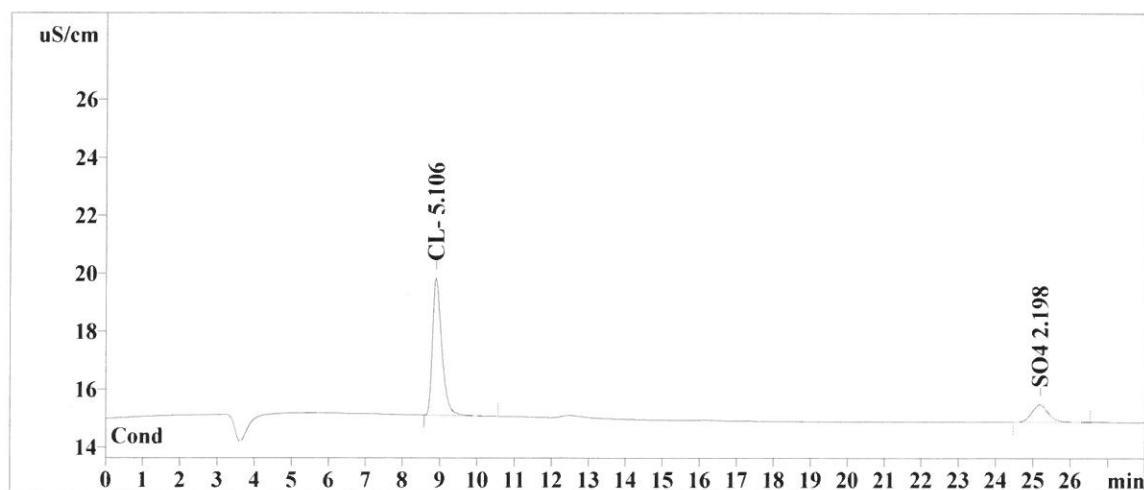
Ident: J2860-05DLX10
Analysis from: 5/11/2018 5:10:56 PM
File: _2018-05-11_

Last save: 5/14/2018 10:21:00 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62168

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 51
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	8.89	0.255	4.72	88.74	81.373	81.39	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.18	0.465	0.60	11.26	18.608	18.61	0.
7	28.00	0.103	5.32	100.00	99.981	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:23:52 AM
Printed by: wet

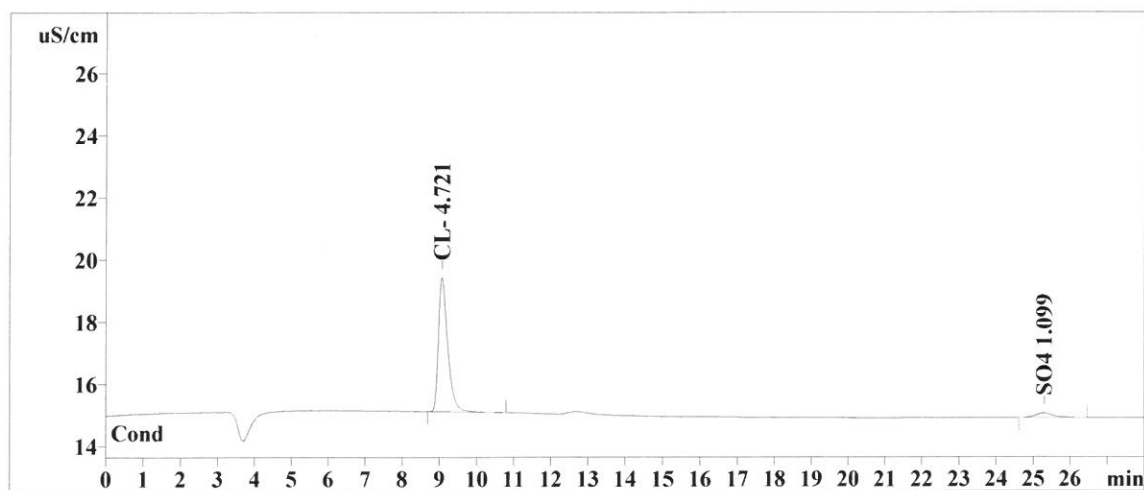
Ident: J2858-01DLX20
Analysis from: 5/11/2018 5:41:51 PM
File: _2018-05-11_

Last save: 5/14/2018 10:23:52 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62169

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
:
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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.06	0.257	4.31	96.80	75.111	94.34	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	25.28	0.472	0.14	3.18	4.508	5.66	0.
7	28.00	0.104	4.46	99.98	79.619	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:24:44 AM
Printed by: wet

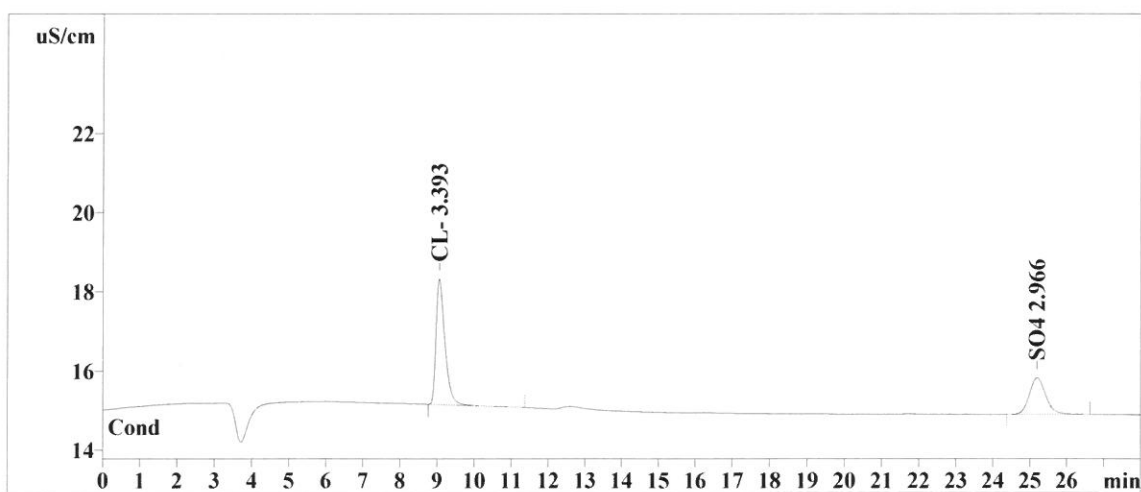
Ident: J2858-02DLX10
Analysis from: 5/11/2018 6:12:46 PM
File: _2018-05-11_

Last save: 5/14/2018 10:24:18 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62170

Last save: 4/18/2018 5:55:54 PM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.06	0.249	3.17	77.41	53.519	65.27	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.19	0.463	0.92	22.57	28.472	34.73	0.
7	28.00	0.102	4.10	99.98	81.991	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:25:11 AM
Printed by: wet

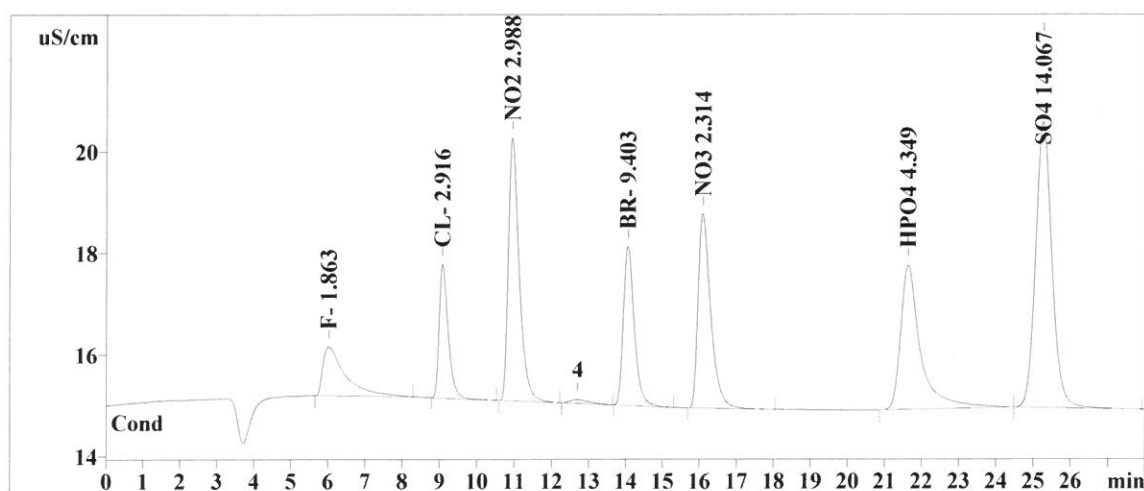
Ident: CCV
Analysis from: 5/11/2018 6:43:41 PM
File: _2018-05-11_

Last save: 5/12/2018 8:55:40 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62171

Last save: 4/18/2018 5:55:54 PM

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	6.02	0.559	0.96	3.97	40.687	6.51	0.
2	9.08	0.259	2.63	10.85	45.744	7.32	0.
3	10.95	0.299	5.17	21.33	104.298	16.70	0.
4	14.05	0.308	3.12	12.88	64.464	10.32	0.
5	16.08	0.343	3.82	15.76	89.509	14.33	0.
6	21.63	0.486	2.84	11.69	106.040	16.98	0.
7	25.26	0.456	5.62	23.18	171.003	27.38	0.
7	28.00	0.387	24.17	99.67	621.745	99.55	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/14/2018 10:25:28 AM
Printed by: wet

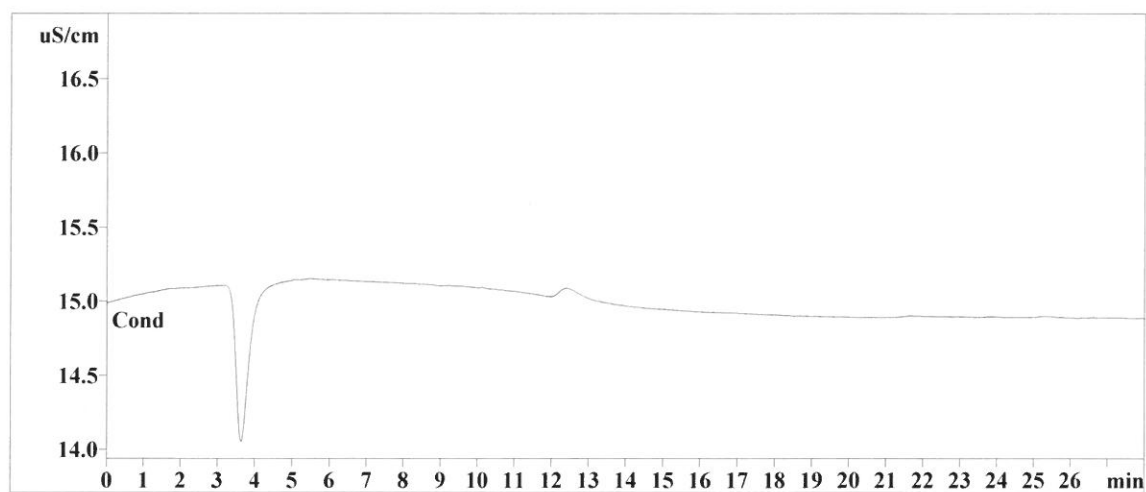
Ident: CCB
Analysis from: 5/11/2018 7:14:35 PM
File: _2018-05-11_

Last save: 5/14/2018 10:25:28 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62172

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 57
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 5/15/2018 9:23:45 AM
Printed by: wet

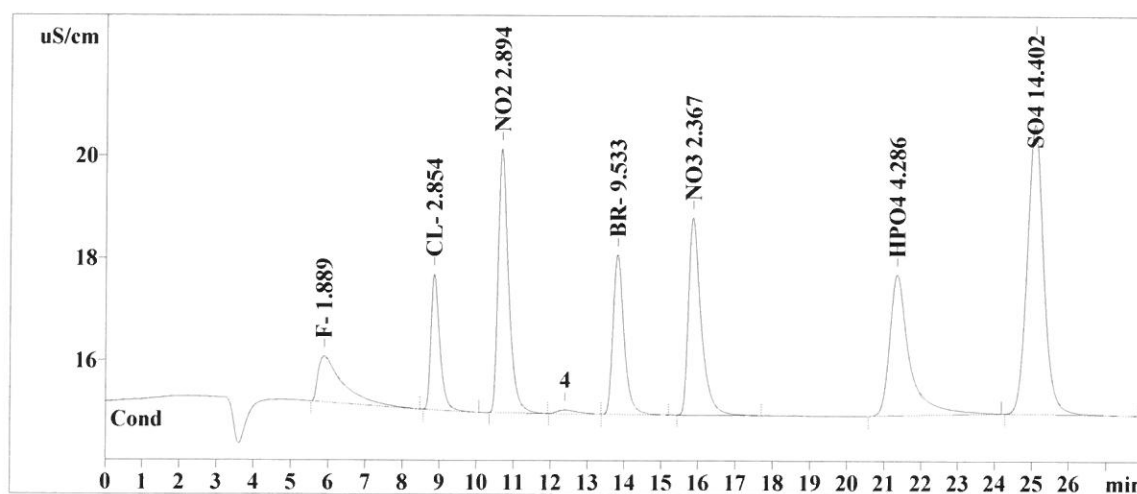
Ident: CCV
Analysis from: 5/14/2018 11:28:59 AM
File: _2018-05-14_

Last save: 5/14/2018 11:56:48 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62182

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.89	0.622	0.89	3.70	41.292	6.59	0.
2	8.85	0.250	2.65	10.97	44.741	7.14	0.
3	10.67	0.287	5.16	21.35	100.887	16.10	0.
4	13.80	0.310	3.12	12.90	65.401	10.44	0.
5	15.84	0.344	3.86	15.96	91.678	14.63	0.
6	21.33	0.493	2.75	11.39	104.535	16.68	0.
7	25.06	0.461	5.66	23.42	175.310	27.98	0.
7	28.00	0.396	24.08	99.68	623.844	99.55	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/15/2018 9:24:05 AM
Printed by: wet

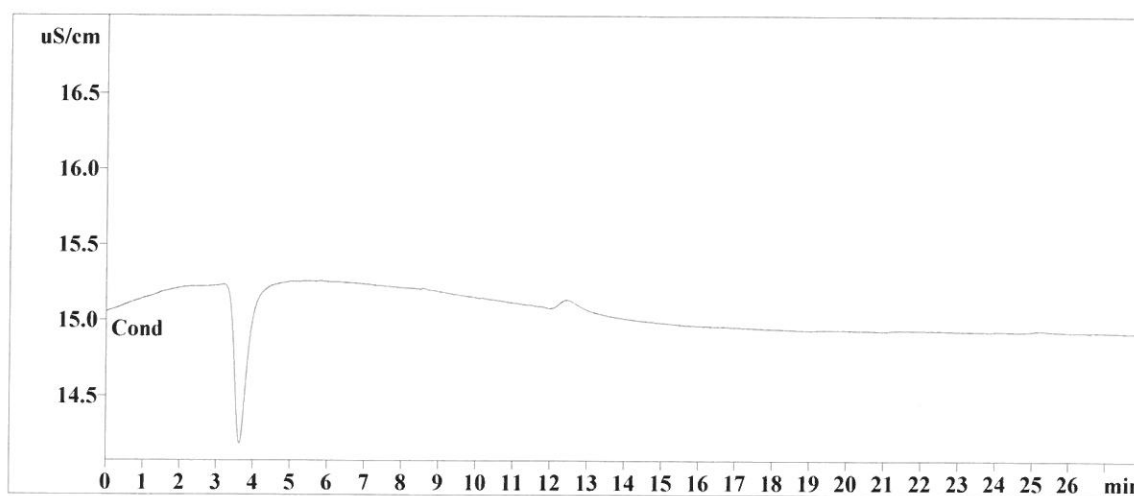
Ident: CCB
Analysis from: 5/14/2018 11:59:53 AM
File: _2018-05-14_

Last save: 5/15/2018 9:24:06 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62183

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
:
Vial number: 10
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 5/15/2018 9:24:24 AM
Printed by: wet

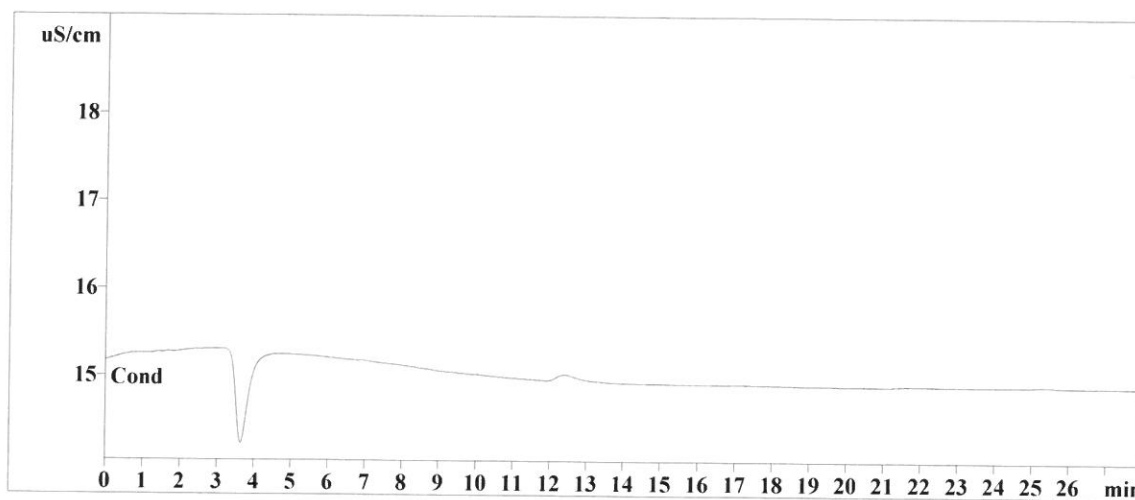
Ident: LB95285BLW3
Analysis from: 5/14/2018 1:16:35 PM
File: _2018-05-14_

Last save: 5/15/2018 9:24:22 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62186

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
:
Vial number: 12
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 5/15/2018 9:24:34 AM
Printed by: wet

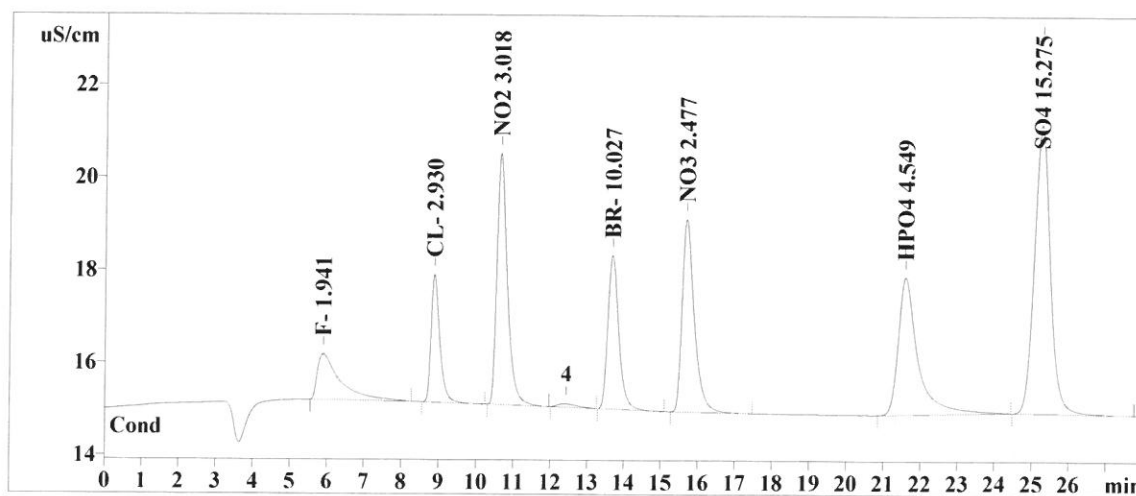
Ident: LB95285BSW3
Analysis from: 5/14/2018 1:59:59 PM
File: _2018-05-14_

Last save: 5/14/2018 2:27:48 PM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62187

Last save: 4/18/2018 5:55:54 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	5.89	0.554	0.99	3.83	42.506	6.45	0.
2	8.87	0.246	2.76	10.63	45.970	6.97	0.
3	10.63	0.285	5.43	20.93	105.399	15.99	0.
4	13.67	0.310	3.32	12.79	68.961	10.46	0.
5	15.68	0.339	4.16	16.04	96.206	14.60	0.
6	21.59	0.483	2.96	11.43	110.769	16.81	0.
7	25.24	0.446	6.23	24.04	186.520	28.30	0.
7	28.00	0.380	25.86	99.70	656.333	99.58	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/15/2018 9:26:54 AM
Printed by: wet

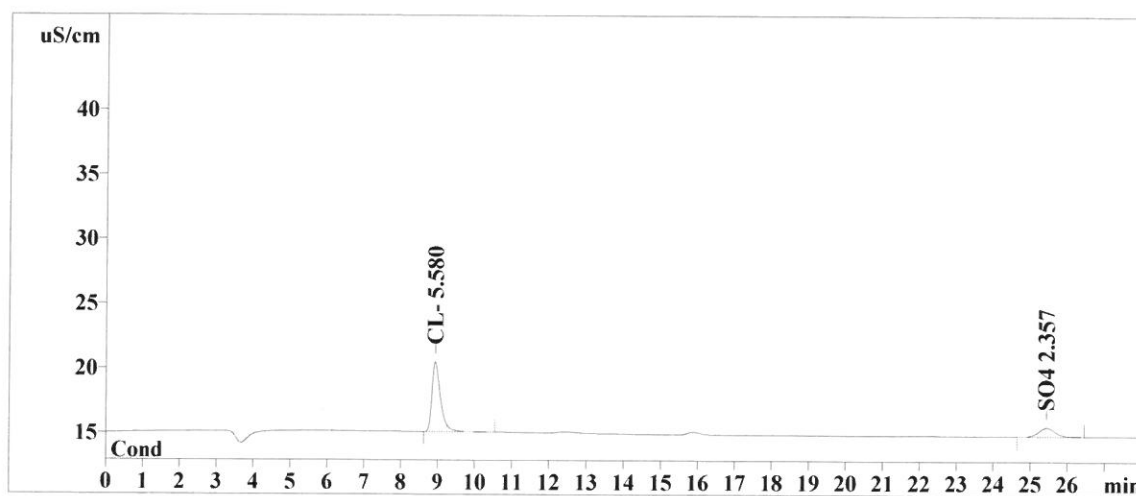
Ident: J2856-06DLX5
Analysis from: 5/14/2018 2:30:54 PM
File: _2018-05-14_

Last save: 5/15/2018 9:26:54 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62188

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
: 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	8.92	0.243	5.39	88.75	89.092	81.18	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	25.44	0.457	0.68	11.24	20.660	18.82	0.
7	28.00	0.100	6.07	99.99	109.752	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/15/2018 9:27:05 AM
 Printed by: wet

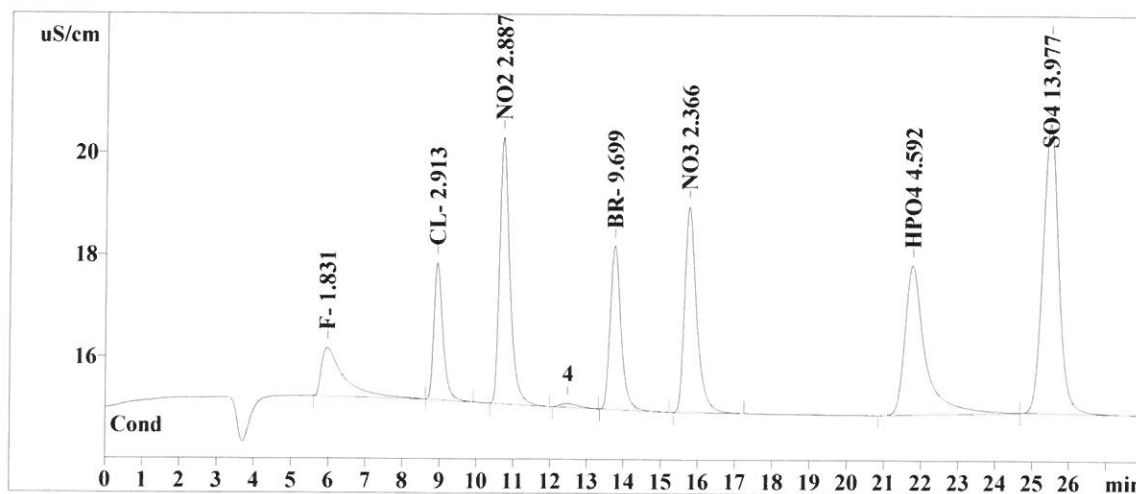
Ident: CCV
 Analysis from: 5/14/2018 3:01:48 PM
 File: _2018-05-14_

Last save: 5/14/2018 3:29:38 PM

Method: ANIONS 04-18-18.mtw
 Run operator: wet
 Analysis number: 62189

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
 : AK/AP
 Vial number: 9
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.96	0.546	0.95	3.84	39.950	6.35	0.
2	8.92	0.252	2.68	10.83	45.707	7.27	0.
3	10.70	0.283	5.22	21.08	100.636	16.00	0.
4	13.74	0.309	3.21	12.96	66.601	10.59	0.
5	15.74	0.333	4.02	16.26	91.646	14.57	0.
6	21.75	0.494	2.92	11.81	111.778	17.78	0.
7	25.45	0.446	5.67	22.90	169.847	27.01	0.
7	28.00	0.381	24.68	99.68	626.164	99.58	0.

This report has been created by IC Net
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Report date: 5/15/2018 9:27:20 AM
Printed by: wet

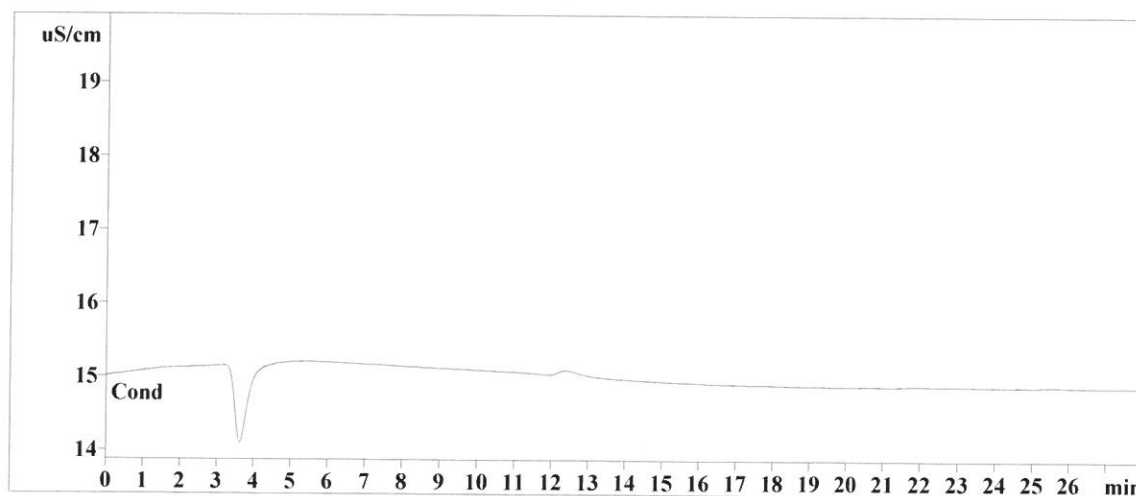
Ident: CCB
Analysis from: 5/14/2018 3:32:44 PM
File: _2018-05-14_

Last save: 5/15/2018 9:27:20 AM

Method: ANIONS 04-18-18.mtw
Run operator: wet
Analysis number: 62190

Last save: 4/18/2018 5:55:54 PM

SAMPLE:
:
Vial number: 10
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD