

IC-1 300.0
06-27-19 AE

Clear table

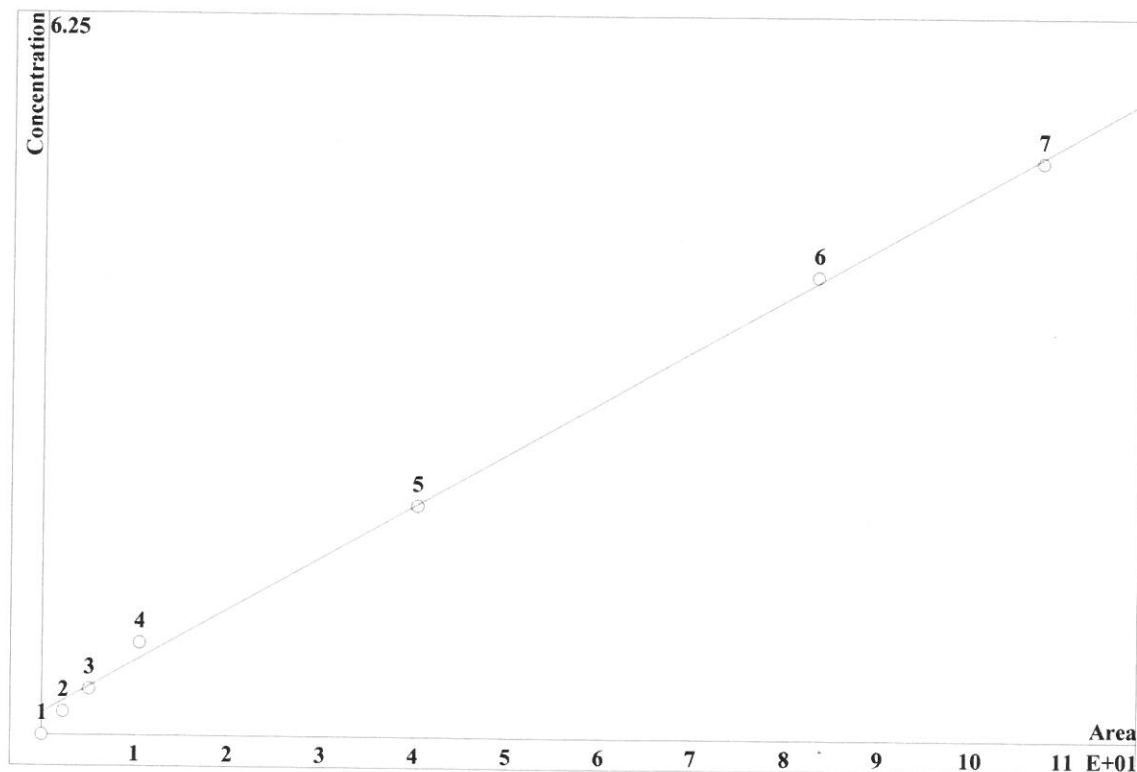
ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-17_	6/17/19 10:22		AK/AP
STD2	0.2990	0.3950	0.3810	1.2920	0.3300	0.1610	2.0770	2019-06-17_	6/17/19 10:53		AK/AP
STD3	0.4250	0.6270	0.6380	2.1660	0.5540	1.0150	3.3330	2019-06-17_	6/17/19 11:26		AK/AP
STD4	0.6690	1.2220	1.2210	4.0120	1.0030	2.2950	5.9980	2019-06-17_	6/17/19 11:58		AK/AP
STD5	2.0150	2.8390	2.8330	9.4730	2.3410	5.1620	13.9470	2019-06-17_	6/17/19 12:29		AK/AP
STD6	3.9530	5.8620	5.8940	19.5450	4.8850	9.9250	29.2520	2019-06-17_	6/17/19 13:00		AK/AP
STD7	5.0410	7.6550	7.6330	25.5140	6.3870	12.4410	38.3920	2019-06-17_	6/17/19 13:32		AK/AP
ICV	2.0170	2.8740	2.8480	9.4790	2.3800	5.0760	14.0870	2019-06-17_	6/17/19 14:07		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-17_	6/17/19 14:47		AK/AP
CCV	2.1020	3.0510	3.0120	9.9100	2.4590	4.6540	14.7440	2019-06-25_	6/25/19 8:14		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-25_	6/25/19 8:47		AK/AP
LB103627BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-25_	6/25/19 9:19		AK/AP
LB103627BSW	1.9770	2.8920	2.8660	9.4880	2.3620	4.6640	14.0800	2019-06-25_	6/25/19 9:50		AK/AP
K3520-06	0.0000	82.9560	0.0000	0.0000	0.0000	0.3930	0.0000	2019-06-25_	6/25/19 13:01		AK/AP
K3520-05	0.5930	44.3730	0.0000	0.0000	0.0000	0.0000	53.8030	2019-06-25_	6/25/19 13:33		AK/AP
K3520-03	0.0000	35.5370	0.0000	0.0000	0.3190	0.0000	27.9450	2019-06-25_	6/25/19 14:04		AK/AP
K3520-03DUP	0.0000	35.8080	0.0000	0.0000	0.3160	0.0000	28.2490	2019-06-25_	6/25/19 14:36		AK/AP
K3521-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-25_	6/25/19 15:07		AK/AP
K3521-02	0.0000	5.5290	0.0000	0.5690	1.6980	0.0000	50.0220	2019-06-25_	6/25/19 15:39		AK/AP
K3521-03	0.0000	4.8540	0.0000	0.0000	0.7820	0.0000	0.0000	2019-06-25_	6/25/19 16:10		AK/AP
K3521-04	0.0000	736.4300	0.0000	0.0000	0.0000	0.0000	54.7840	2019-06-25_	6/25/19 16:41		AK/AP
CCV	2.1110	3.0340	2.9970	9.9900	2.4760	5.5420	14.8310	2019-06-25_	6/25/19 17:13		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-25_	6/25/19 17:44		AK/AP
K3520-03MS	2.5010	35.9330	3.0010	10.2500	2.7830	7.0030	43.0910	2019-06-25_	6/25/19 18:16		AK/AP
K3520-03MSD	2.3940	36.2550	2.9650	10.2740	2.7800	7.0290	42.6980	2019-06-25_	6/25/19 18:47		AK/AP
K3519-02	0.0000	1.7730	0.0000	0.0000	0.5410	0.0000	10.7300	2019-06-25_	6/25/19 19:19		AK/AP
K3519-03	0.0000	1.7760	0.0000	0.0000	0.5240	0.0000	10.6230	2019-06-25_	6/25/19 19:50		AK/AP
K3519-04	0.0000	3.5140	0.0000	0.0000	0.2130	0.0000	16.0830	2019-06-25_	6/25/19 20:21		AK/AP
K3519-05	0.0000	8.5380	0.0000	0.0000	0.3940	0.0000	61.8430	2019-06-25_	6/25/19 20:53		AK/AP
K3519-08	0.0000	7.6060	0.0000	0.0000	0.2840	0.0000	15.2970	2019-06-25_	6/25/19 21:24		AK/AP
K3519-09	0.0000	1.3690	0.0000	0.0000	0.4180	0.0000	9.3690	2019-06-25_	6/25/19 21:56		AK/AP
K3519-10	0.0000	5.3080	0.0000	0.0000	0.0000	0.0000	71.4460	2019-06-25_	6/25/19 22:27		AK/AP
K3519-11	0.0000	3.7920	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-25_	6/25/19 22:58		AK/AP
CCV	2.0070	2.9360	2.8760	9.6070	2.3900	5.0360	14.2090	2019-06-25_	6/25/19 23:30		AK/AP

[illegible]

CALIBRATION OF COMPONENT F-

IC-1 06/17/19
AL

Method: ANIONS 06-17-19.mtw
Equation: $Q = 0.903466 \cdot A + 3.87483$
RSD: 4.308 %
Correlation coefficient: 0.999216



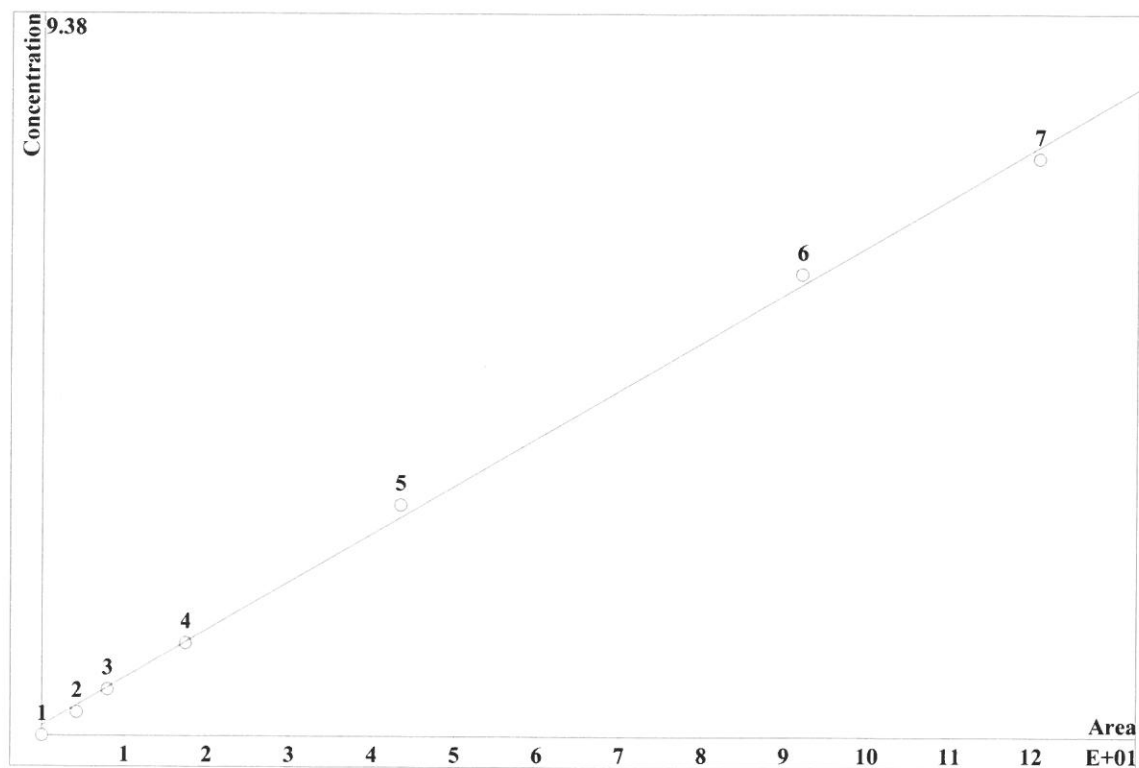
K3 = 0 K2 = 0 K1 = 0.903466 K0 = 3.87483

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	0.07847	2.322	0.2	20	5.998		Yes
3	0.1781	5.111	0.4	20	5.998		Yes
4	0.36	10.51	0.8	20	5.998		Yes
5	0.9592	40.31	2	20	5.998		Yes
6	2.191	83.21	4	20	5.998		Yes
7	2.724	107.3	5	20	5.998		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 1.24598 \cdot A + 2.65128$
 RSD: 4.541 %
 Correlation coefficient: 0.999128



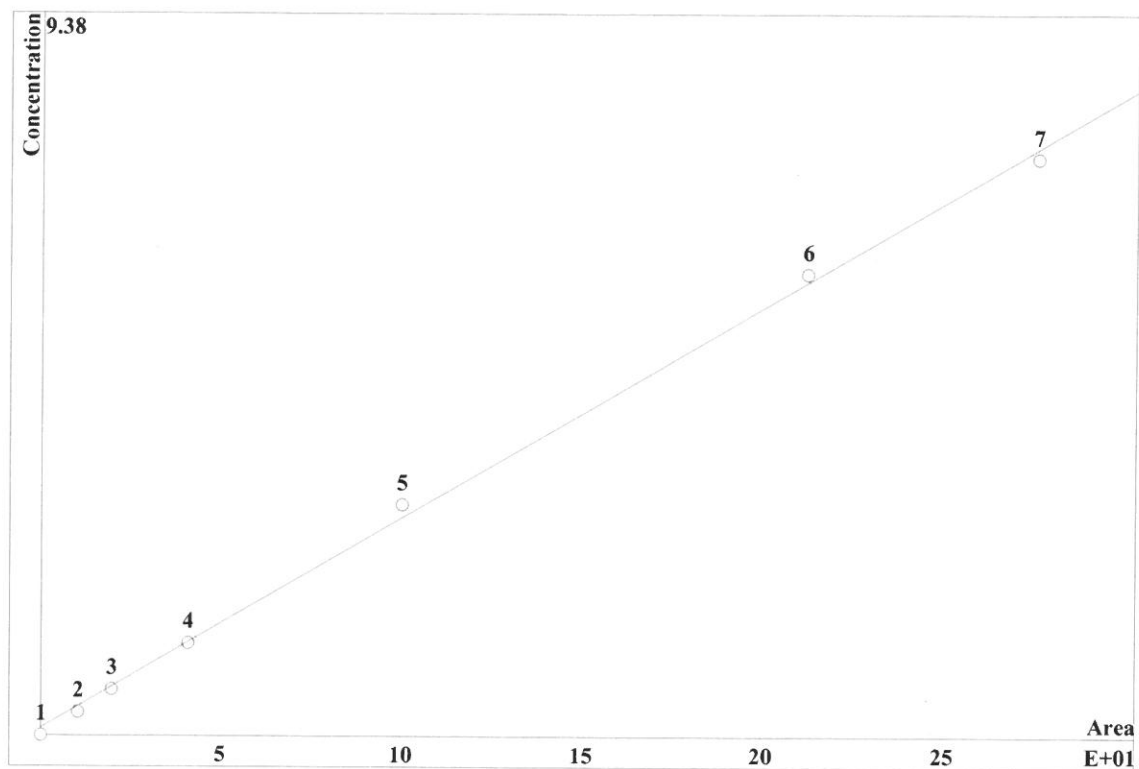
K3 = 0 K2 = 0 K1 = 1.24598 K0 = 2.65128

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	0.3467	4.213	0.3	20	9.288		Yes
3	0.6991	7.943	0.6	20	9.288		Yes
4	1.454	17.49	1.2	20	9.288		Yes
5	3.708	43.44	3	20	9.288		Yes
6	8.012	91.97	6	20	9.288		Yes
7	10.56	120.7	7.5	20	9.288		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 0.545669 \cdot A + 1.97461$
 RSD: 4.111 %
 Correlation coefficient: 0.999285

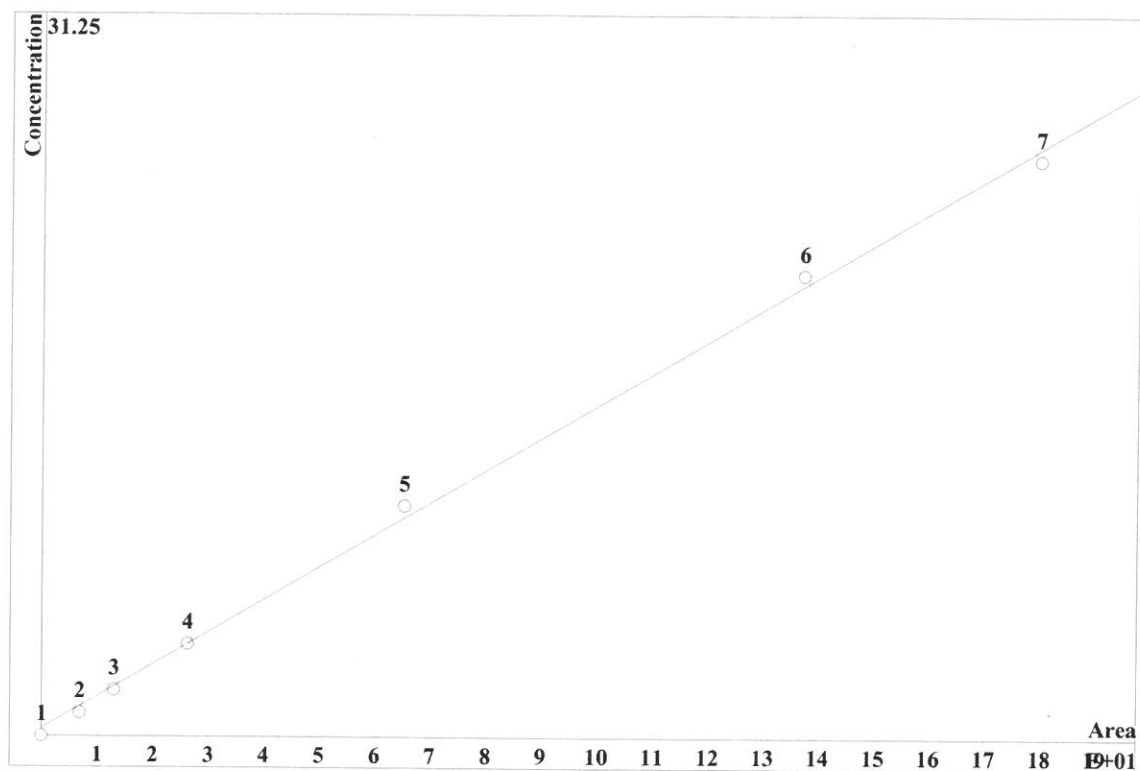


K3 = 0 K2 = 0 K1 = 0.545669 K0 = 1.97461
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.7002	10.33	0.3	20	11.29		Yes
3	1.37	19.77	0.6	20	11.29		Yes
4	2.751	41.12	1.2	20	11.29		Yes
5	6.742	100.2	3	20	11.29		Yes
6	13.73	212.4	6	20	11.29		Yes
7	17.47	276.1	7.5	20	11.29		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 2.80363 \cdot A + 6.67453$
 RSD: 4.493 %
 Correlation coefficient: 0.999147



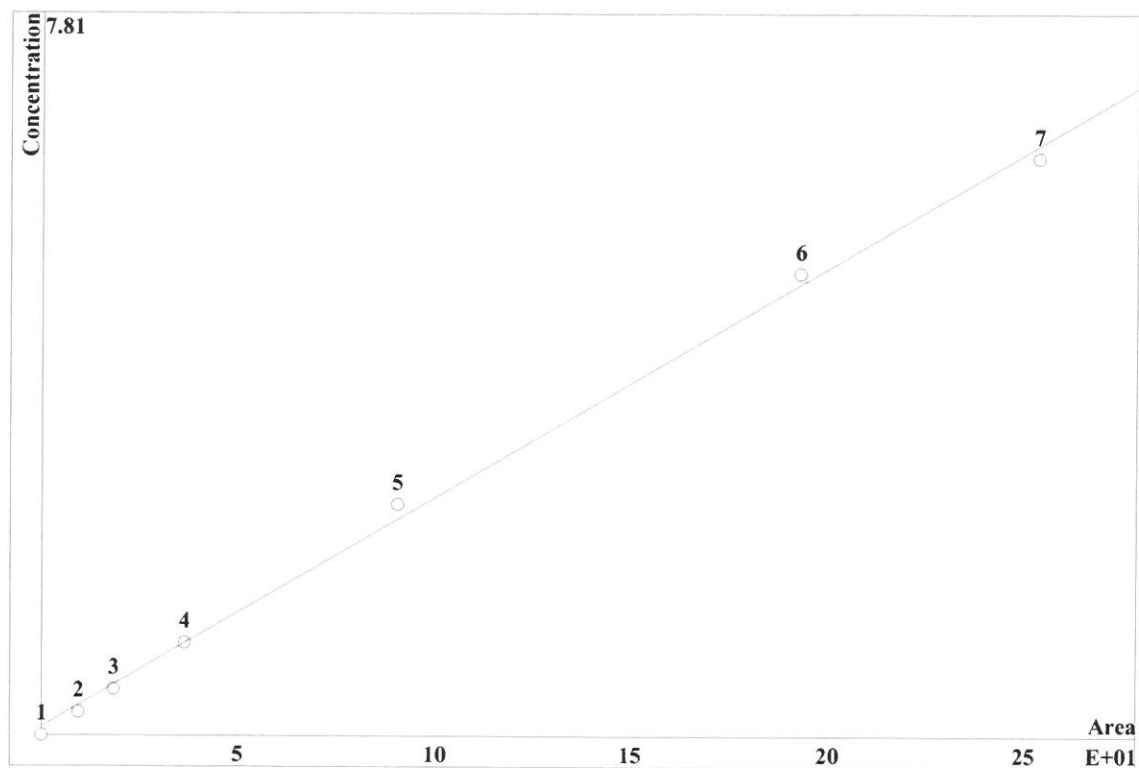
K3 = 0 K2 = 0 K1 = 2.80363 K0 = 6.67453

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	0.3716	6.833	1	20	14.64			Yes
3	0.7269	13.07	2	20	14.64			Yes
4	1.475	26.24	4	20	14.64			Yes
5	3.735	65.19	10	20	14.64			Yes
6	8.043	137	20	20	14.64			Yes
7	10.58	179.6	25	20	14.64			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 0.496829 \cdot A + 1.87699$
 RSD: 5.001 %
 Correlation coefficient: 0.998943



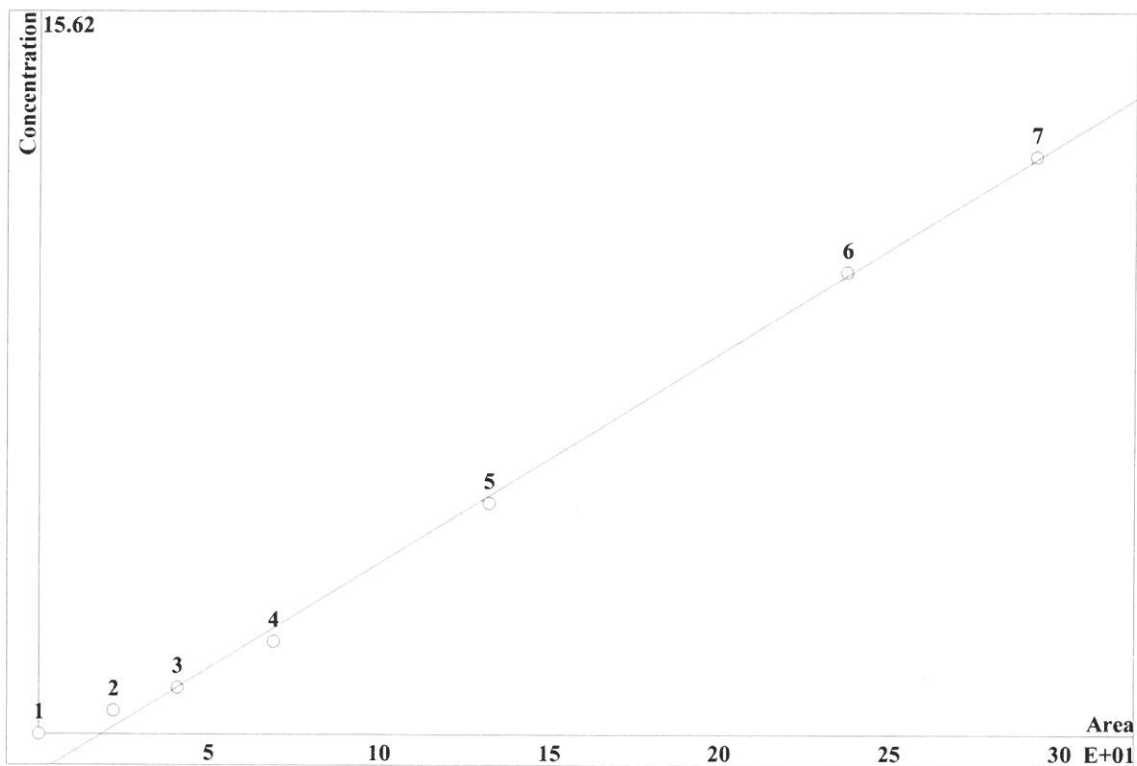
K3 = 0 K2 = 0 K1 = 0.496829 K0 = 1.87699

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	0.4354	9.498	0.25	20	17.05	Yes	
3	0.8517	18.53	0.5	20	17.05	Yes	
4	1.716	36.61	1	20	17.05	Yes	
5	4.283	90.45	2.5	20	17.05	Yes	
6	9.172	192.9	5	20	17.05	Yes	
7	12.11	253.3	6.25	20	17.05	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 0.907612 \cdot A - 16.6848$
 RSD: 4.718 %
 Correlation coefficient: 0.999059

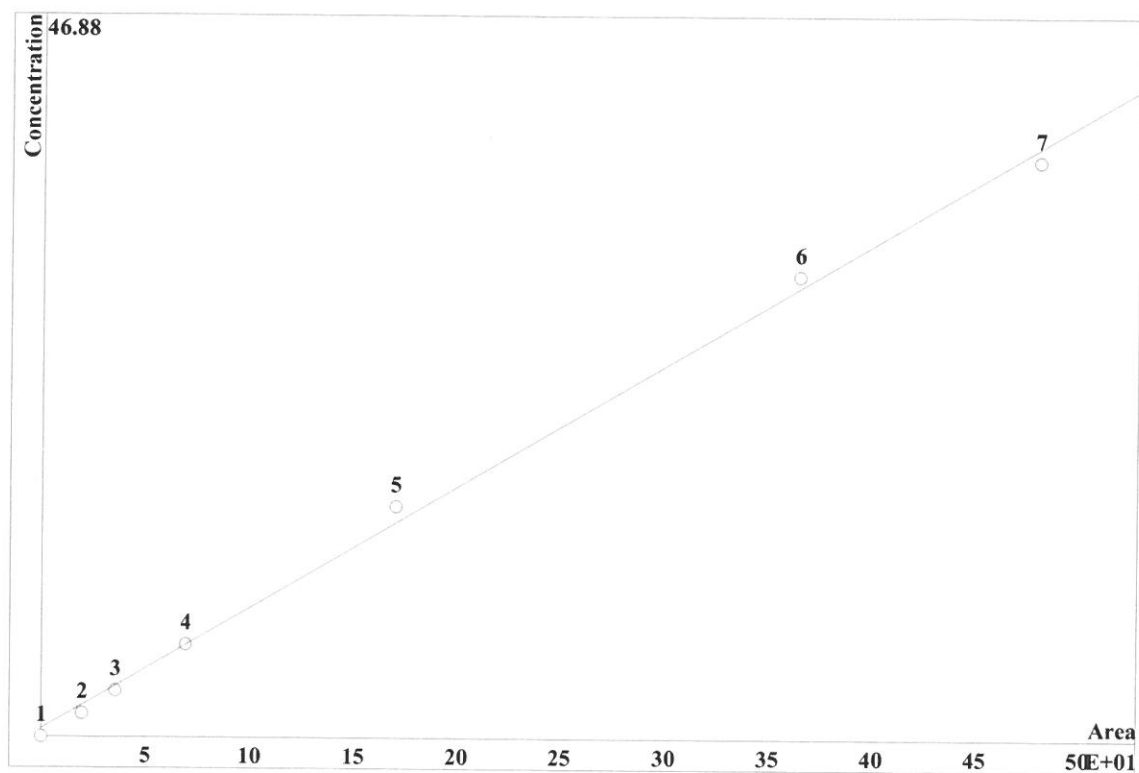


K3 = 0 K2 = 0 K1 = 0.907612 K0 = -16.6848
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.5559	21.93	0.5	20	23.3		Yes
3	1.069	40.75	1	20	23.3		Yes
4	1.863	68.96	2	20	23.3		Yes
5	3.747	132.1	5	20	23.3		Yes
6	7.024	237.1	10	20	23.3		Yes
7	8.849	292.5	12.5	20	23.3		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 06-17-19.mtw
 Equation: $Q = 1.57764 \cdot A + 10.6132$
 RSD: 5.500 %
 Correlation coefficient: 0.998721



K3 = 0 K2 = 0 K1 = 1.57764 K0 = 10.6132
 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	0.6685	19.61	1.5	20	27.39		Yes
3	1.25	35.53	3	20	27.39		Yes
4	2.471	69.31	6	20	27.39		Yes
5	6.168	170.1	15	20	27.39		Yes
6	13.22	364.1	30	20	27.39		Yes
7	17.35	480	37.5	20	27.39		Yes

Report date: 6/18/2019 1:17:10 PM
Printed by: wet

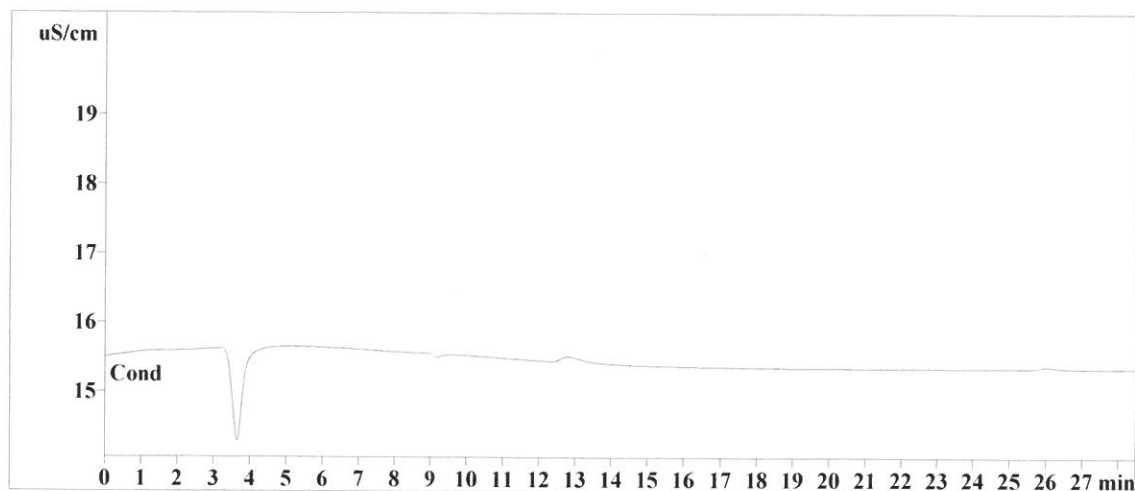
Ident: STD1
Analysis from: 6/17/2019 10:22:07 AM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67438

Last save: 6/17/2019 12:26:22 PM

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
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Report date: 6/18/2019 1:17:19 PM
Printed by: wet

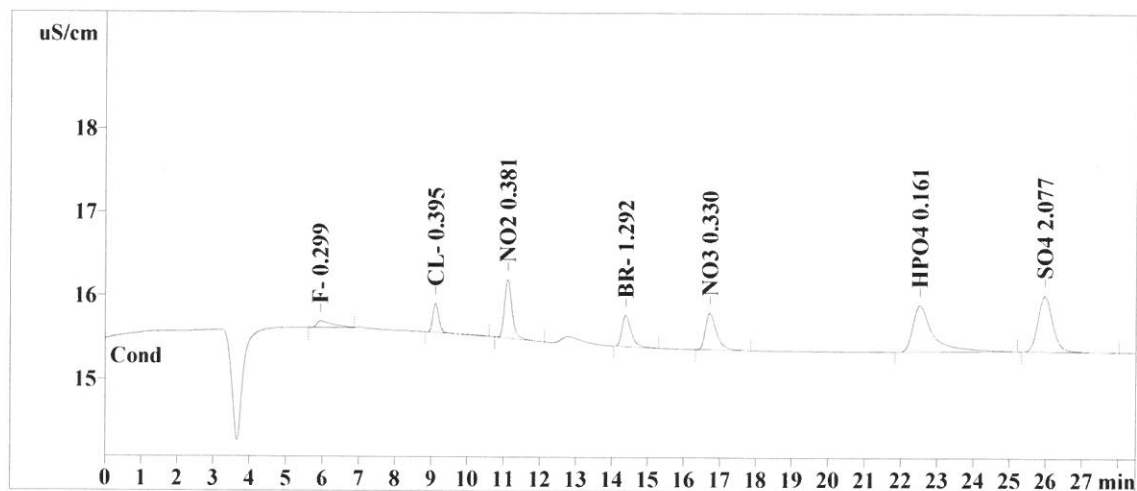
Ident: STD2
Analysis from: 6/17/2019 10:53:32 AM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67439

Last save: 6/17/2019 12:26:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.94	0.453	0.08	2.47	2.322	3.11	0.
2	9.11	0.172	0.35	10.96	4.213	5.64	0.
3	11.09	0.217	0.70	22.16	10.328	13.82	0.
4	14.38	0.271	0.37	11.77	6.833	9.14	0.
5	16.71	0.319	0.44	13.79	9.498	12.71	0.
6	22.51	0.493	0.55	17.58	21.935	29.35	0.
7	25.97	0.439	0.67	21.13	19.607	26.24	0.
7	28.50	0.338	3.15	99.85	74.734	100.00	0.

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Report date: 6/18/2019 1:17:33 PM
Printed by: wet

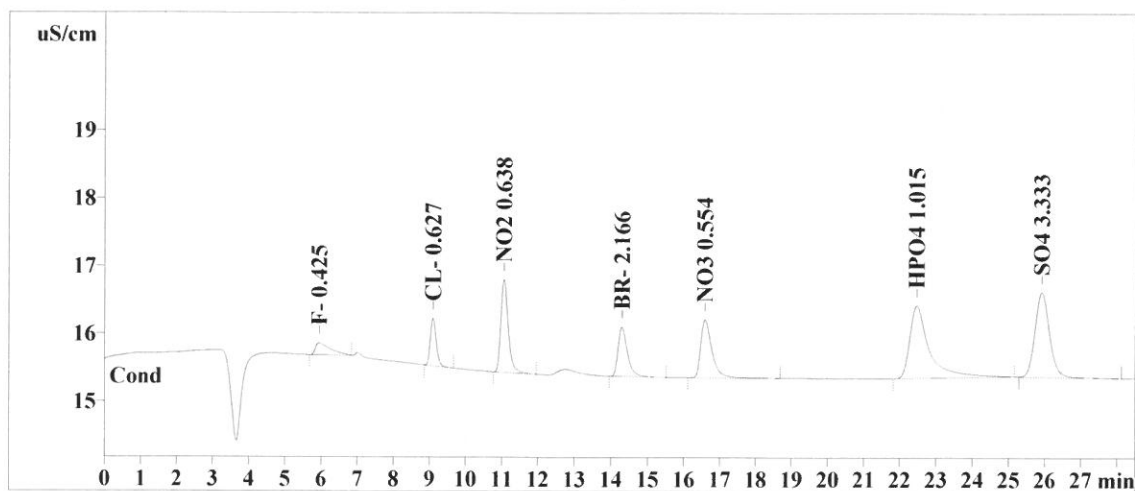
Ident: STD3
Analysis from: 6/17/2019 11:26:38 AM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67440

Last save: 6/17/2019 12:26:22 PM

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	5.94	0.436	0.18	2.89	5.111	3.63	0.
2	9.10	0.172	0.70	11.38	7.943	5.65	0.
3	11.05	0.212	1.37	22.30	19.770	14.05	0.
4	14.29	0.266	0.73	11.81	13.068	9.29	0.
5	16.58	0.313	0.85	13.85	18.532	13.17	0.
6	22.46	0.481	1.07	17.39	40.748	28.96	0.
7	25.91	0.428	1.25	20.33	35.526	25.25	0.
7	28.50	0.330	6.14	99.96	140.698	100.00	0.

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Report date: 6/18/2019 1:17:42 PM
Printed by: wet

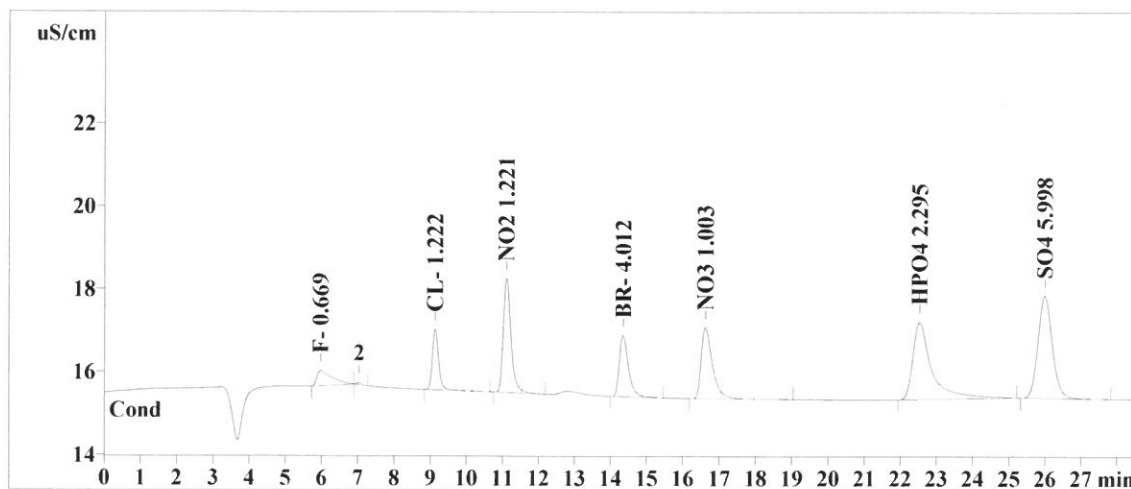
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Analysis from: 6/17/2019 11:58:02 AM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67441

Last save: 6/17/2019 12:26:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.97	0.441	0.36	2.96	10.514	3.88	0.
2	9.13	0.176	1.45	11.98	17.489	6.46	0.
3	11.09	0.219	2.75	22.65	41.124	15.19	0.
4	14.34	0.262	1.47	12.14	26.236	9.69	0.
5	16.61	0.310	1.72	14.13	36.613	13.52	0.
6	22.52	0.467	1.86	15.35	68.962	25.47	0.
7	25.98	0.425	2.47	20.35	69.308	25.60	0.
7	28.50	0.329	12.09	99.57	270.244	99.82	0.

This report has been created by IC Net
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Report date: 6/18/2019 1:17:50 PM
Printed by: wet

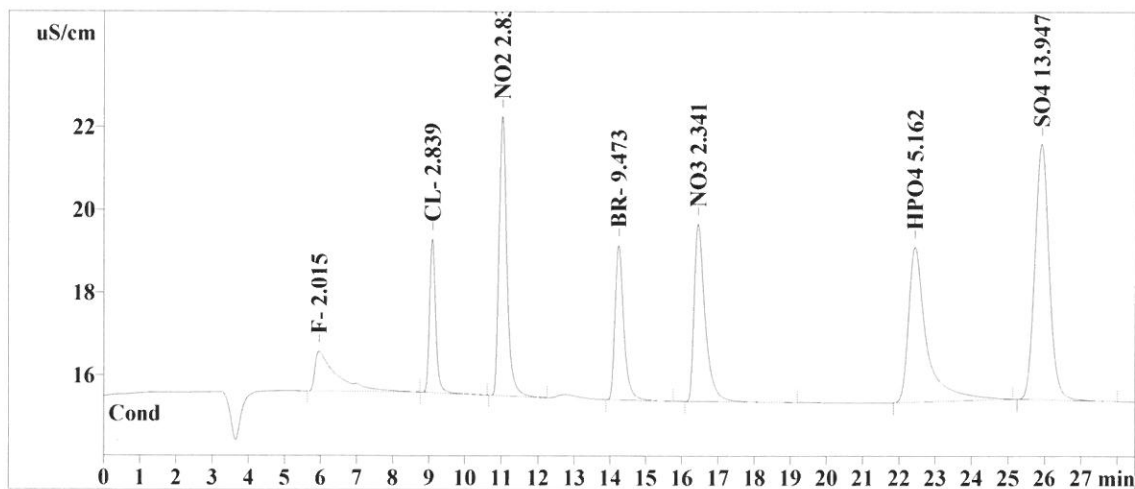
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Analysis from: 6/17/2019 12:29:27 PM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67442

Last save: 6/17/2019 12:26:22 PM

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	5.96	0.517	0.96	3.27	40.308	6.28	0.
2	9.08	0.172	3.71	12.64	43.435	6.77	0.
3	11.00	0.217	6.74	22.98	100.232	15.62	0.
4	14.22	0.257	3.73	12.73	65.194	10.16	0.
5	16.43	0.305	4.28	14.60	90.449	14.09	0.
6	22.43	0.448	3.75	12.77	132.142	20.59	0.
7	25.90	0.418	6.17	21.02	170.085	26.50	0.
7	28.50	0.333	29.34	100.00	641.845	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2019 1:17:58 PM
Printed by: wet

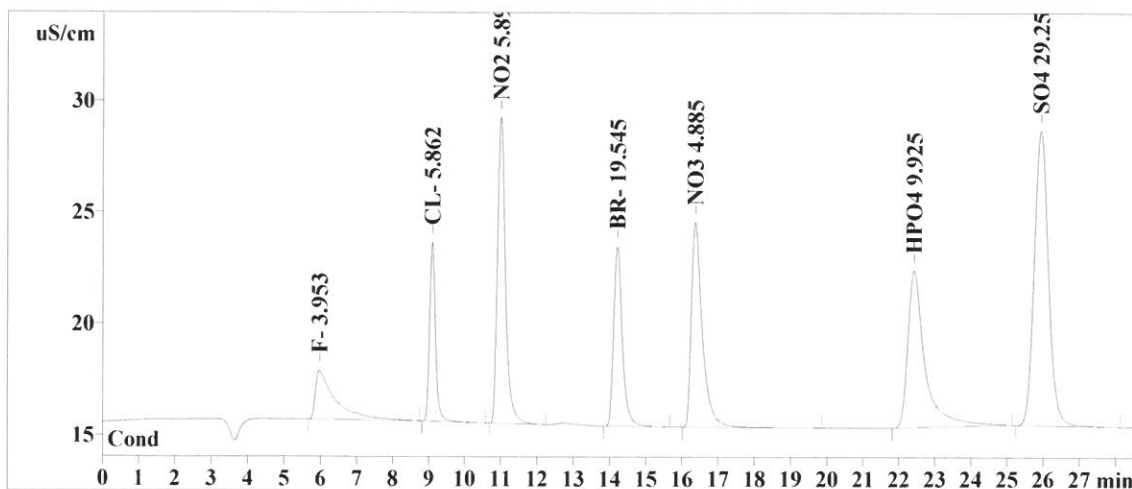
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Analysis from: 6/17/2019 1:00:51 PM
File: _2019-06-17_

Last save: 6/17/2019 2:42:38 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67443

Last save: 6/17/2019 12:26:22 PM

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	5.97	0.470	2.19	3.57	83.211	6.31	0.
2	9.09	0.168	8.01	13.05	91.970	6.97	0.
3	10.98	0.227	13.73	22.36	212.420	16.11	0.
4	14.20	0.251	8.04	13.10	137.042	10.39	0.
5	16.35	0.301	9.17	14.94	192.861	14.62	0.
6	22.41	0.438	7.02	11.44	237.092	17.98	0.
7	25.91	0.418	13.22	21.54	364.111	27.61	0.
7	28.50	0.325	61.39	100.00	1318.708	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2019 1:18:06 PM
Printed by: wet

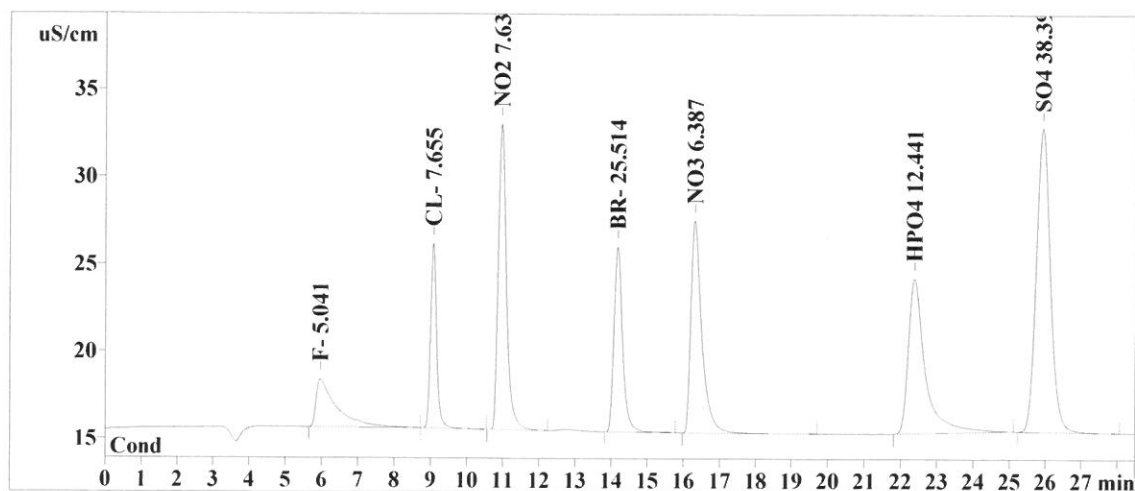
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Analysis from: 6/17/2019 1:32:15 PM
File: _2019-06-17_

Last save: 6/17/2019 2:43:46 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67444

Last save: 6/17/2019 12:26:22 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	5.96	0.502	2.72	3.42	107.299	6.28	0.
2	9.06	0.168	10.56	13.25	120.743	7.06	0.
3	10.94	0.232	17.47	21.94	276.147	16.15	0.
4	14.17	0.250	10.58	13.28	179.626	10.51	0.
5	16.29	0.299	12.11	15.21	253.338	14.82	0.
6	22.37	0.431	8.85	11.11	292.531	17.11	0.
7	25.90	0.420	17.35	21.79	479.979	28.07	0.
7	28.50	0.329	79.64	100.00	1709.662	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/18/2019 1:18:14 PM
 Printed by: wet

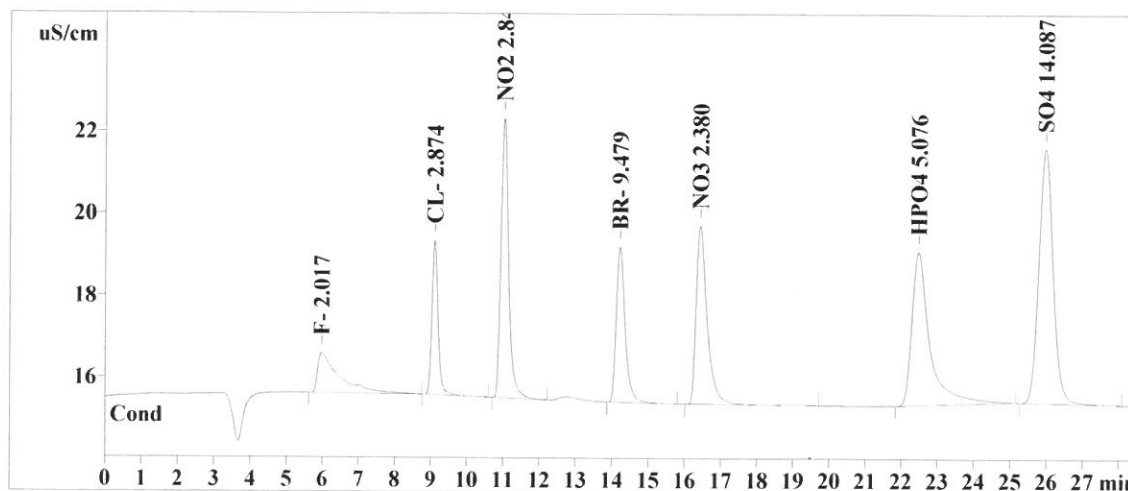
Ident: ICV
 Analysis from: 6/17/2019 2:07:09 PM
 File: _2019-06-17_

Last save: 6/17/2019 2:44:16 PM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67445

Last save: 6/17/2019 12:26:22 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	5.97	0.511	0.97	3.28	40.366	6.26	0.
2	9.10	0.172	3.75	12.66	43.999	6.83	0.
3	11.00	0.216	6.82	23.02	100.753	15.63	0.
4	14.21	0.254	3.78	12.77	65.241	10.12	0.
5	16.41	0.304	4.35	14.68	92.020	14.28	0.
6	22.46	0.444	3.74	12.62	130.231	20.21	0.
7	25.95	0.419	6.20	20.95	171.857	26.67	0.
7	28.50	0.332	29.60	100.00	644.465	100.00	0.

This report has been created by IC Net
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Report date: 6/18/2019 1:18:49 PM
Printed by: wet

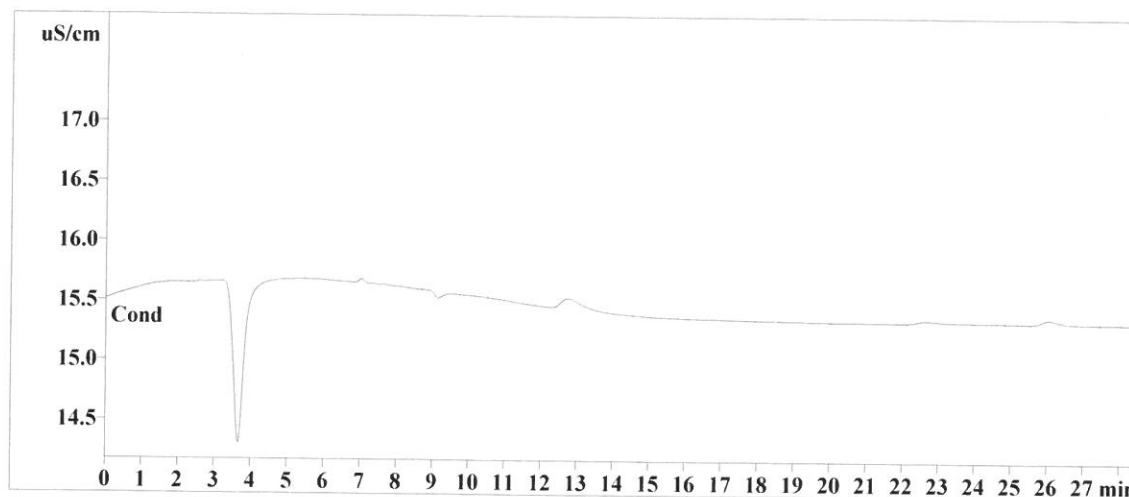
Ident: ICB
Analysis from: 6/17/2019 2:47:35 PM
File: _2019-06-17_

Last save: 6/18/2019 1:18:50 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67446

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
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: 6/26/2019 11:05:19 AM
 Printed by: wet

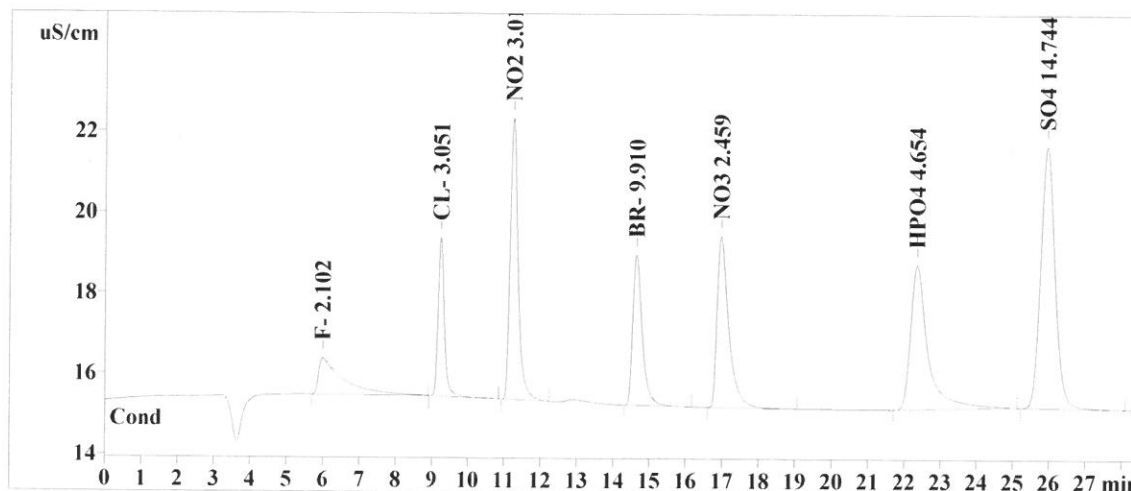
Ident: CCV
 Analysis from: 6/25/2019 8:14:01 AM
 File: _2019-06-25_

Last save: 6/25/2019 8:42:20 AM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67507

Last save: 6/17/2019 2:43:48 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	5.99	0.590	0.90	3.02	42.240	6.40	0.
2	9.24	0.174	3.92	13.17	46.846	7.09	0.
3	11.23	0.225	6.96	23.37	106.764	16.16	0.
4	14.64	0.267	3.73	12.52	68.315	10.34	0.
5	16.96	0.323	4.23	14.21	95.205	14.41	0.
6	22.34	0.437	3.57	11.98	120.929	18.31	0.
7	25.94	0.422	6.47	21.73	180.185	27.28	0.
7	28.50	0.348	29.78	99.99	660.485	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/26/2019 11:05:26 AM
Printed by: wet

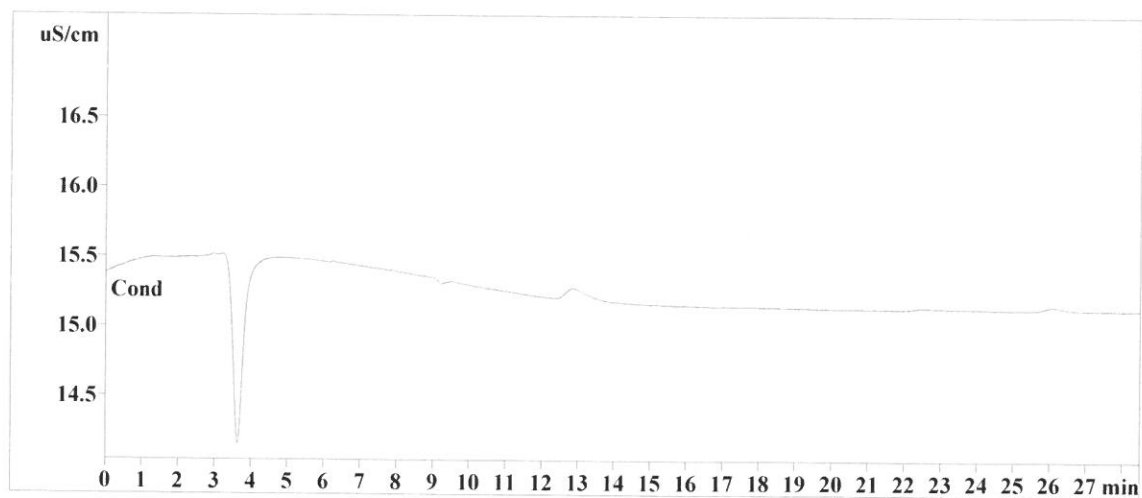
Ident: CCB
Analysis from: 6/25/2019 8:47:53 AM
File: _2019-06-25_

Last save: 6/25/2019 9:16:12 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67508

Last save: 6/17/2019 2:43:48 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: 6/26/2019 11:05:45 AM
Printed by: wet

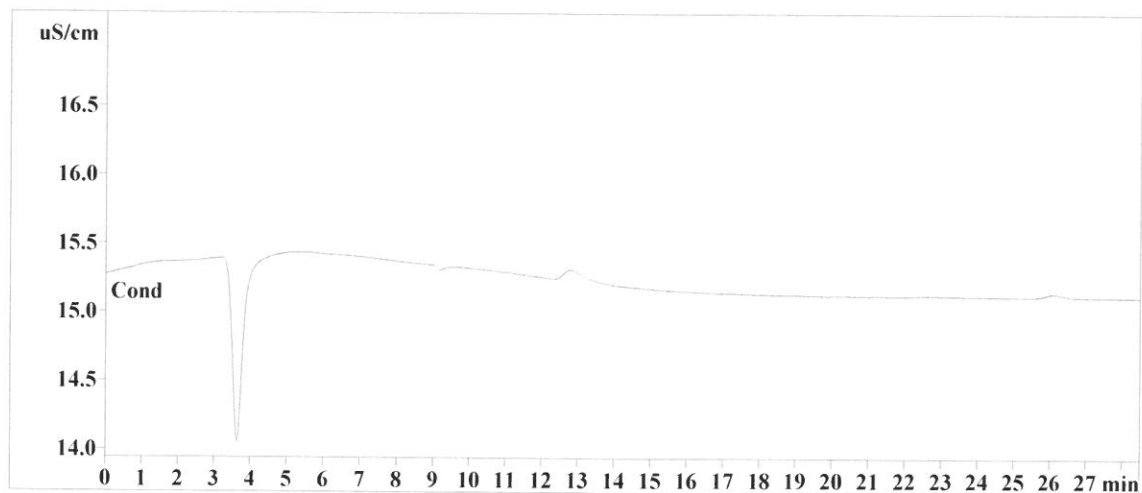
Ident: LB103627BLW
Analysis from: 6/25/2019 9:19:18 AM
File: _2019-06-25_

Last save: 6/26/2019 11:05:46 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67509

Last save: 6/17/2019 2:43:48 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: 6/26/2019 11:05:54 AM
 Printed by: wet

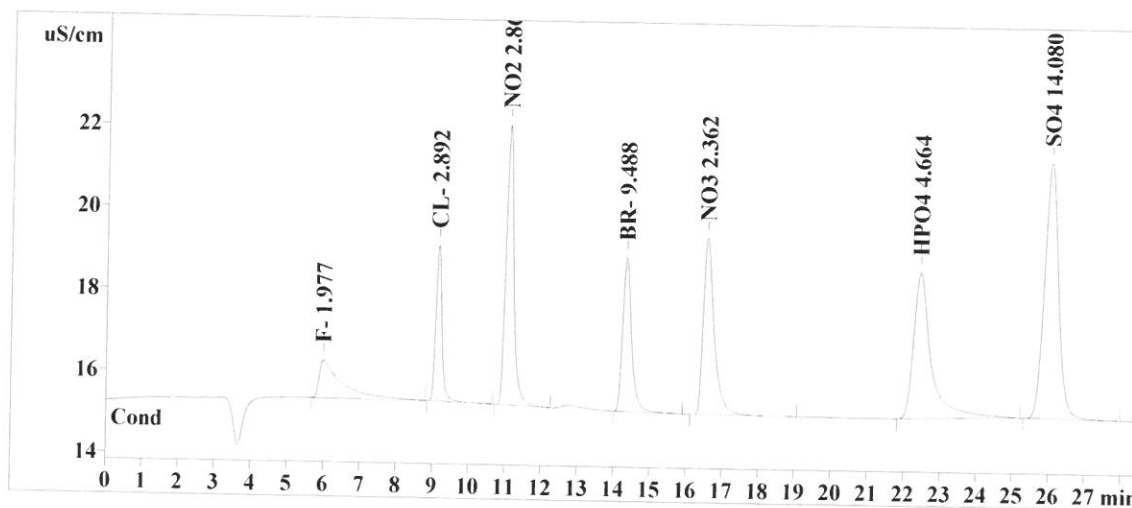
Ident: LB103627BSW
 Analysis from: 6/25/2019 9:50:42 AM
 File: _2019-06-25_

Last save: 6/26/2019 11:04:52 AM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67510

Last save: 6/17/2019 2:43:48 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.99	0.540	0.91	3.12	39.472	6.22	0.
2	9.14	0.171	3.78	12.92	44.293	6.98	0.
3	11.06	0.219	6.81	23.24	101.415	15.98	0.
4	14.31	0.257	3.74	12.76	65.306	10.29	0.
5	16.55	0.308	4.29	14.65	91.323	14.39	0.
6	22.42	0.438	3.54	12.09	121.164	19.09	0.
7	26.02	0.419	6.21	21.21	171.766	27.06	0.
7	28.50	0.336	29.29	99.99	634.740	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/26/2019 11:07:35 AM
Printed by: wet

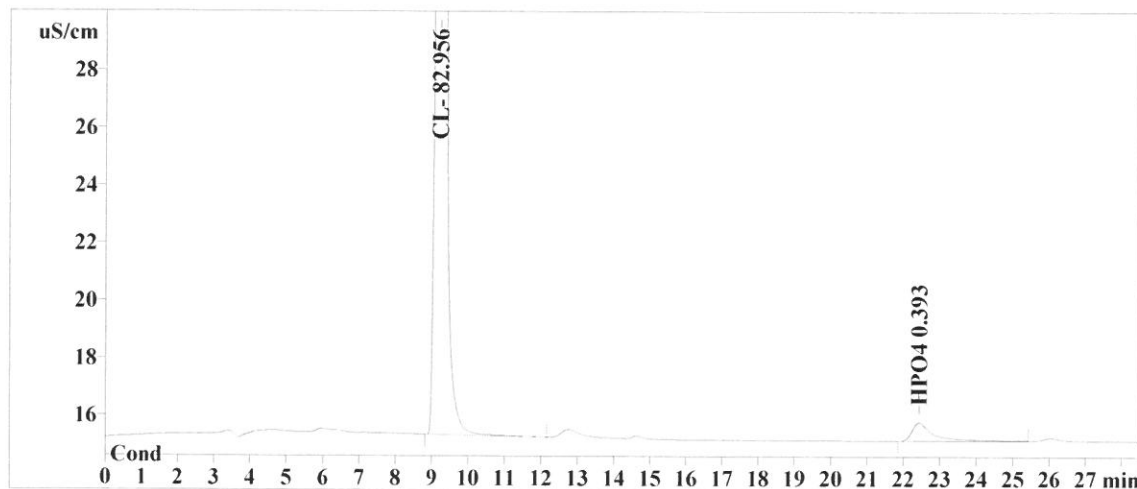
Ident: K3520-06
Analysis from: 6/25/2019 1:01:49 PM
File: _2019-06-25_

Last save: 6/26/2019 11:07:36 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67512

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.21	0.189	104.90	99.39	1329.451	98.01	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	22.43	0.501	0.64	0.61	27.048	1.99	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.50	0.099	105.55	100.00	1356.498	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:08:21 AM
 Printed by: wet

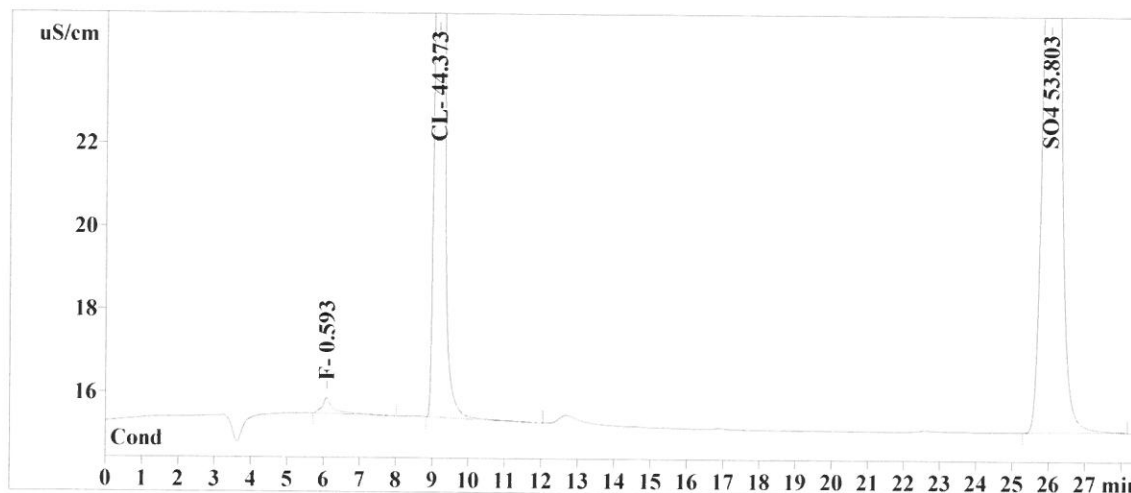
Ident: K3520-05
 Analysis from: 6/25/2019 1:33:14 PM
 File: _2019-06-25_

Last save: 6/26/2019 11:08:14 AM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67513

Last save: 6/17/2019 2:43:48 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	6.08	0.231	0.37	0.43	8.848	0.63	0.
2	9.14	0.173	60.74	70.83	710.131	50.93	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	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	26.00	0.416	24.65	28.74	675.349	48.44	0.
7	28.50	0.117	85.76	100.00	1394.328	100.00	0.

This report has been created by IC Net
 METROHM LTD

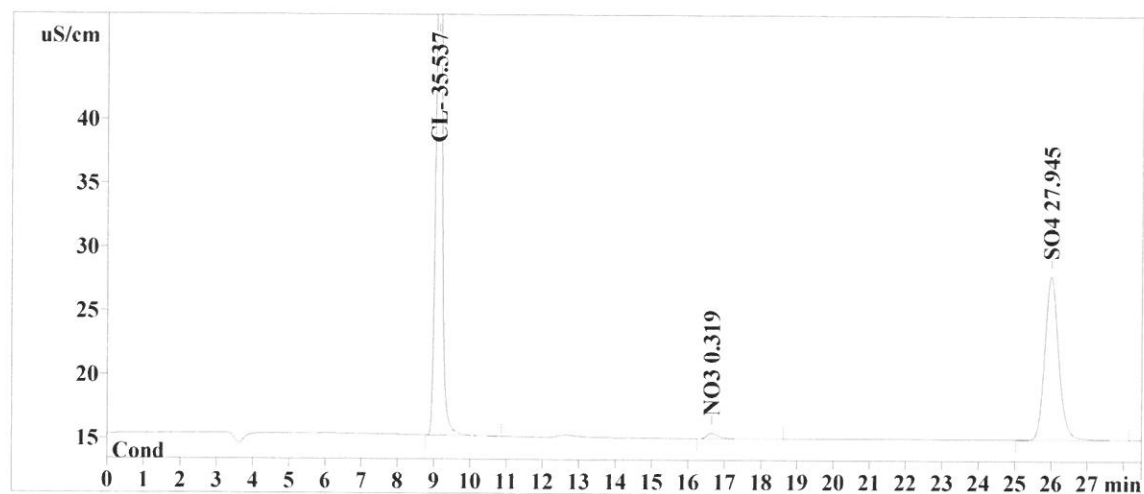
Report date: 6/26/2019 11:08:51 AM
Printed by: wet

Ident: K3520-03
Analysis from: 6/25/2019 2:04:39 PM
File: _2019-06-25_

Last save: 6/26/2019 11:08:52 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67514
Last save: 6/17/2019 2:43:48 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.11	0.167	50.14	79.20	568.301	61.44	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	16.64	0.310	0.42	0.66	9.072	0.98	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.99	0.411	12.76	20.15	347.532	37.57	0.
7	28.50	0.127	63.31	100.02	924.904	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:09:38 AM
Printed by: wet

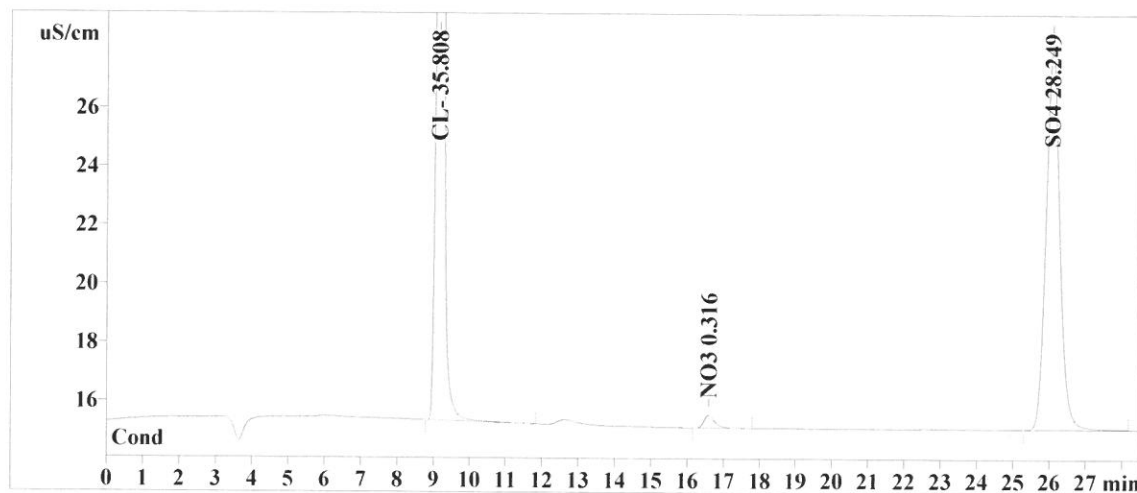
Ident: K3520-03DUP
Analysis from: 6/25/2019 2:36:21 PM
File: _2019-06-25_

Last save: 6/26/2019 11:09:40 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67515

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.13	0.166	50.83	79.22	572.654	61.38	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	16.58	0.308	0.43	0.66	8.941	0.96	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.05	0.411	12.92	20.13	351.385	37.66	0.
7	28.50	0.126	64.18	100.02	932.980	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:09:46 AM
Printed by: wet

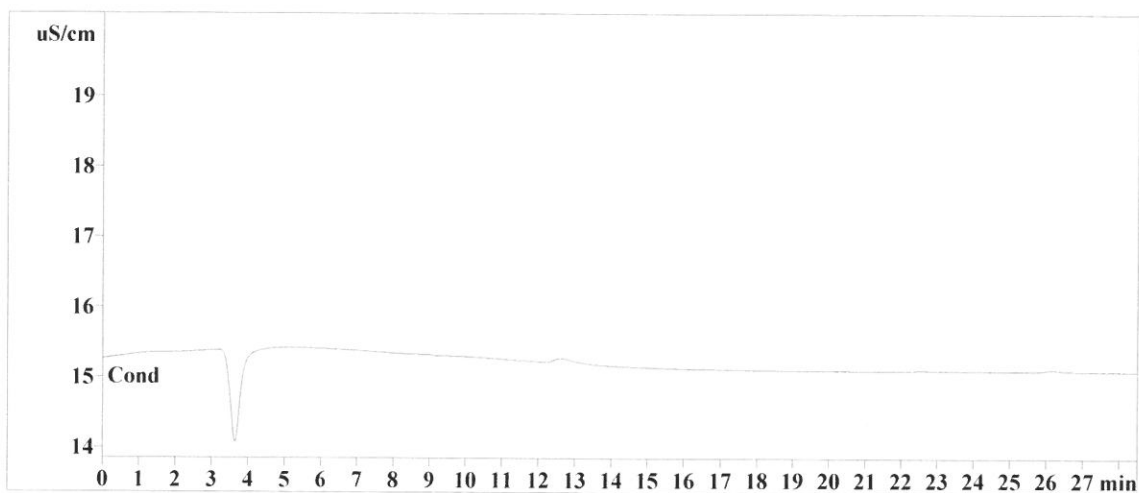
Ident: K3521-01
Analysis from: 6/25/2019 3:07:46 PM
File: _2019-06-25_

Last save: 6/25/2019 3:36:04 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67516

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 15
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: 6/26/2019 11:09:58 AM
Printed by: wet

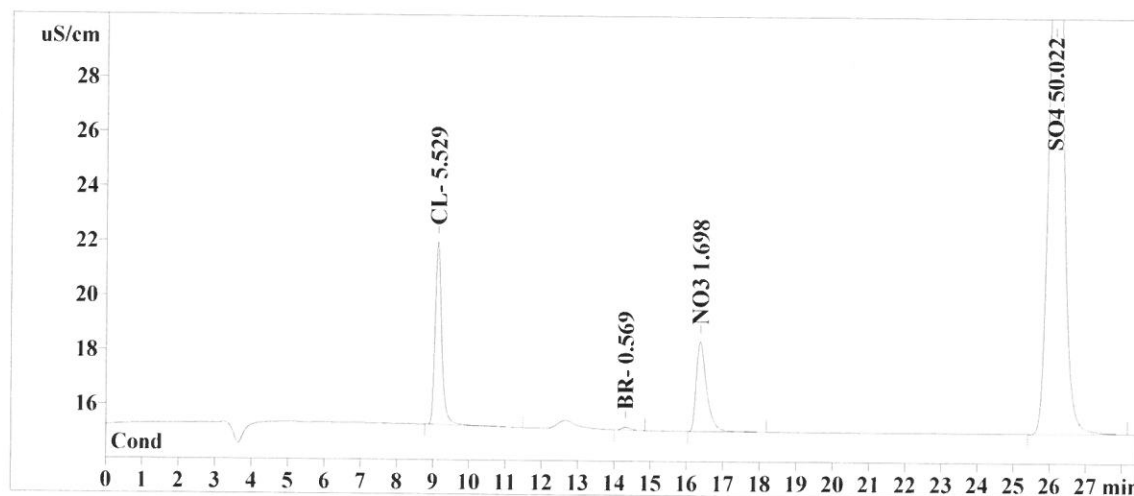
Ident: K3521-02
Analysis from: 6/25/2019 3:39:10 PM
File: _2019-06-25_

Last save: 6/25/2019 4:07:30 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67517

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.12	0.187	6.67	20.05	86.614	11.10	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.32	0.249	0.10	0.31	1.681	0.22	0.
5	16.36	0.288	3.27	9.83	64.565	8.27	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.11	0.410	23.22	69.80	627.409	80.41	0.
7	28.50	0.162	33.27	99.99	780.269	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:10:17 AM
Printed by: wet

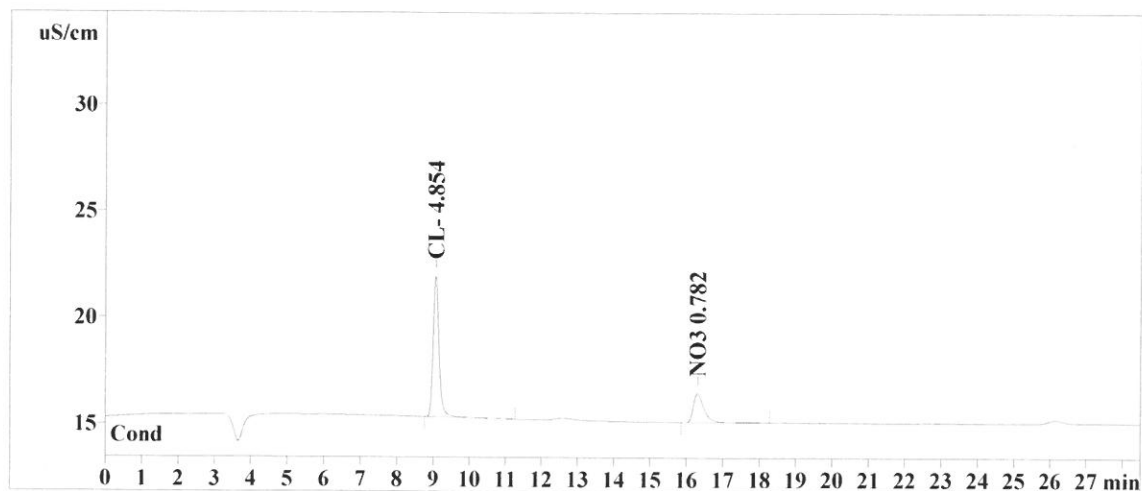
Ident: K3521-03
Analysis from: 6/25/2019 4:10:34 PM
File: _2019-06-25_

Last save: 6/26/2019 11:10:16 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67518

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.06	0.167	6.59	82.98	75.792	73.24	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	16.30	0.299	1.35	17.02	27.697	26.76	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	28.50	0.067	7.94	100.00	103.488	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:11:18 AM
Printed by: wet

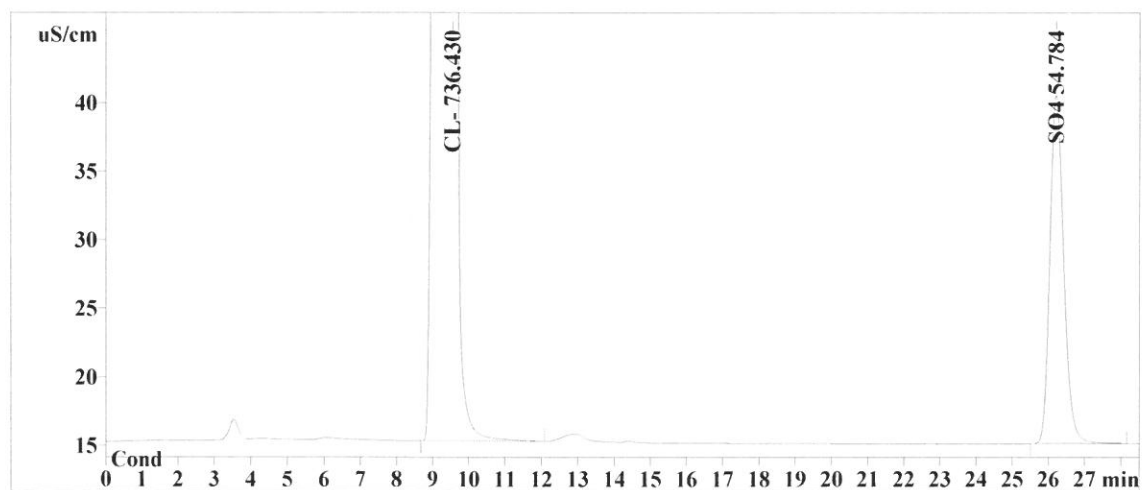
Ident: K3521-04
Analysis from: 6/25/2019 4:41:59 PM
File: _2019-06-25_

Last save: 6/26/2019 11:11:18 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67519

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.53	0.452	441.12	94.51	11818.761	94.50	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	26.21	0.412	25.40	5.44	687.775	5.50	0.
7	28.50	0.123	466.52	99.96	12506.537	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:11:28 AM
Printed by: wet

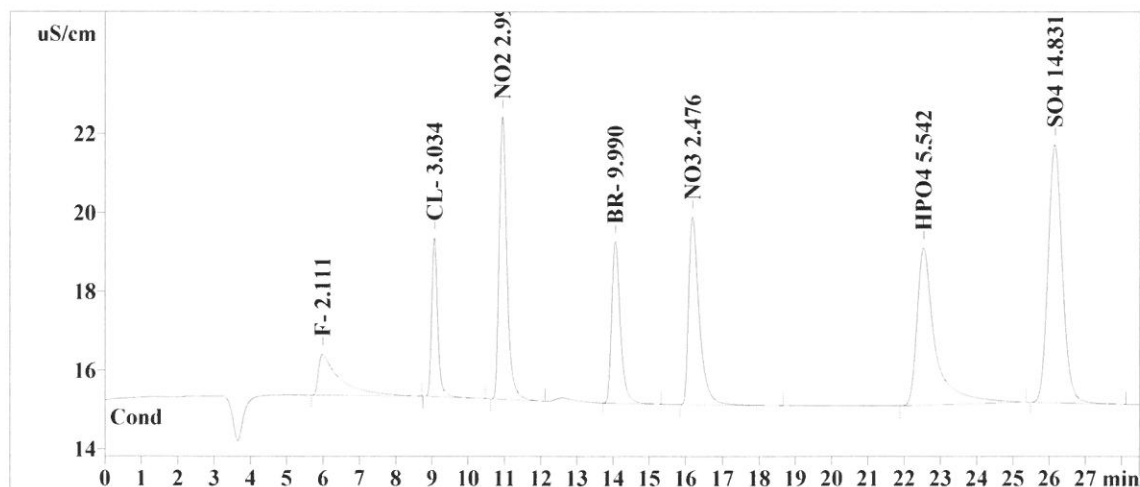
Ident: CCV
Analysis from: 6/25/2019 5:13:23 PM
File: _2019-06-25_

Last save: 6/25/2019 5:41:42 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67520

Last save: 6/17/2019 2:43:48 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	5.98	0.514	1.04	3.28	42.436	6.22	0.
2	9.06	0.170	4.02	12.71	46.571	6.83	0.
3	10.93	0.217	7.16	22.67	106.235	15.58	0.
4	14.05	0.248	4.10	12.98	68.883	10.10	0.
5	16.18	0.293	4.76	15.05	95.896	14.06	0.
6	22.52	0.445	3.98	12.60	140.500	20.61	0.
7	26.14	0.421	6.54	20.70	181.294	26.59	0.
7	28.50	0.330	31.60	100.00	681.815	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:11:36 AM
Printed by: wet

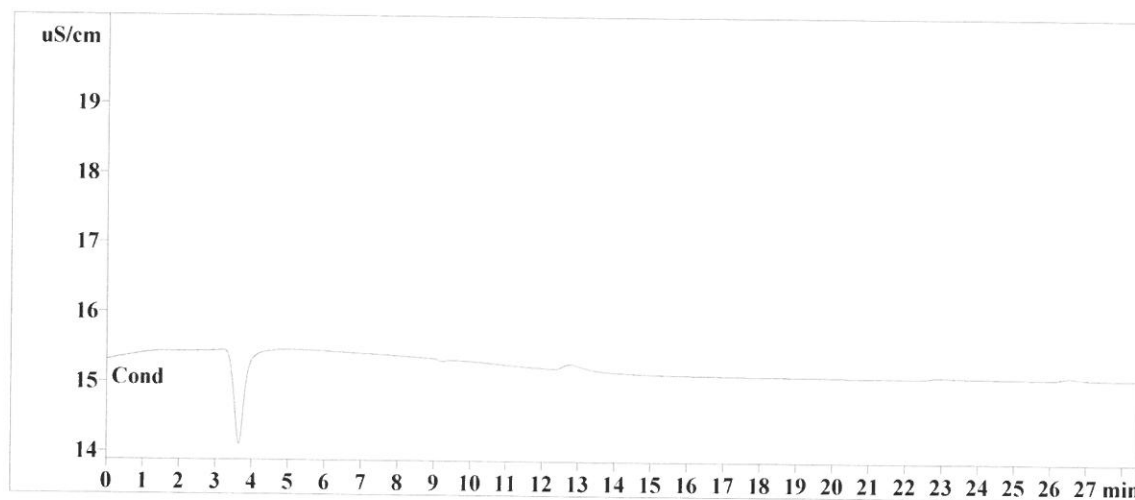
Ident: CCB
Analysis from: 6/25/2019 5:44:48 PM
File: _2019-06-25_

Last save: 6/26/2019 8:51:24 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67521

Last save: 6/17/2019 2:43:48 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: 6/26/2019 11:11:57 AM
Printed by: wet

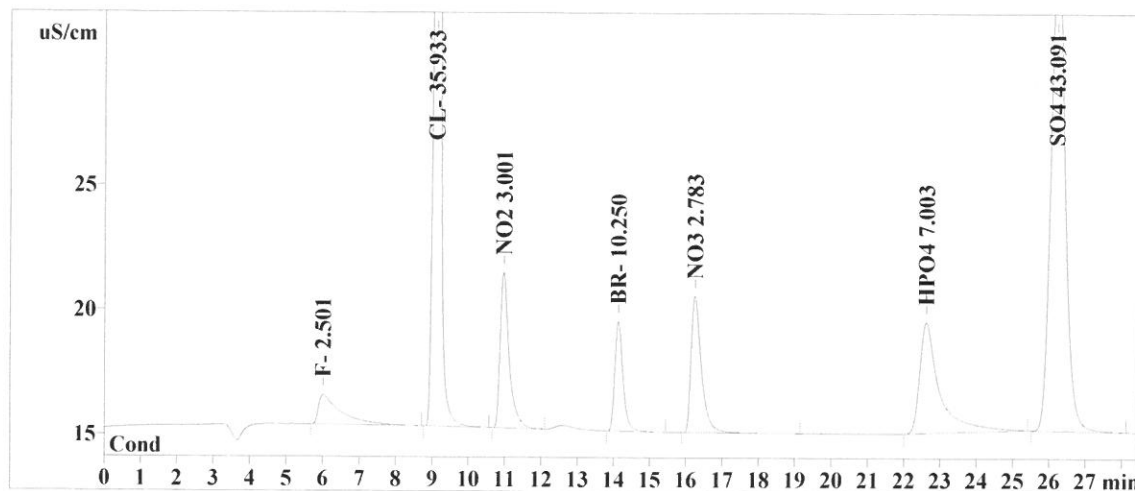
Ident: K3520-03MS
Analysis from: 6/25/2019 6:16:13 PM
File: _2019-06-25_

Last save: 6/25/2019 6:44:32 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67522

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 12
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	6.01	0.560	1.18	1.27	51.070	3.15	0.
2	9.09	0.165	51.35	55.38	574.662	35.40	0.
3	10.95	0.240	6.23	6.72	106.383	6.55	0.
4	14.12	0.239	4.38	4.73	70.739	4.36	0.
5	16.24	0.288	5.46	5.88	108.264	6.67	0.
6	22.61	0.474	4.44	4.79	172.708	10.64	0.
7	26.19	0.416	19.68	21.23	539.544	33.24	0.
7	28.50	0.340	92.72	100.00	1623.370	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:12:13 AM
Printed by: wet

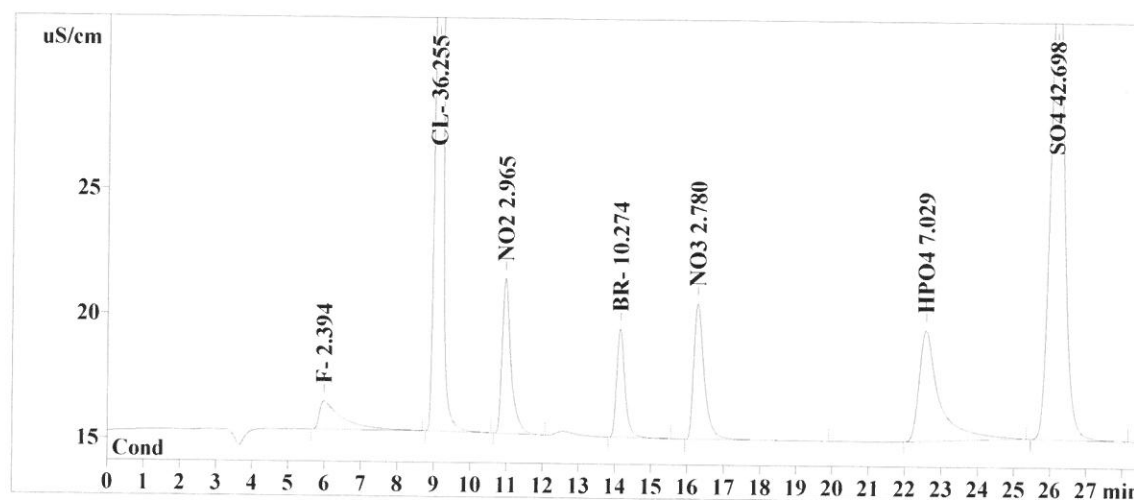
Ident: K3520-03MSD
Analysis from: 6/25/2019 6:47:37 PM
File: _2019-06-25_

Last save: 6/25/2019 7:15:56 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67523

Last save: 6/17/2019 2:43:48 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	5.99	0.555	1.13	1.22	48.710	3.01	0.
2	9.08	0.167	51.27	55.47	579.820	35.78	0.
3	10.95	0.239	6.19	6.70	105.064	6.48	0.
4	14.13	0.242	4.33	4.68	70.910	4.38	0.
5	16.27	0.288	5.42	5.86	108.126	6.67	0.
6	22.56	0.478	4.43	4.79	173.275	10.69	0.
7	26.13	0.413	19.66	21.27	534.567	32.99	0.
7	28.50	0.340	92.42	100.00	1620.471	100.00	0.

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Report date: 6/26/2019 11:12:33 AM
Printed by: wet

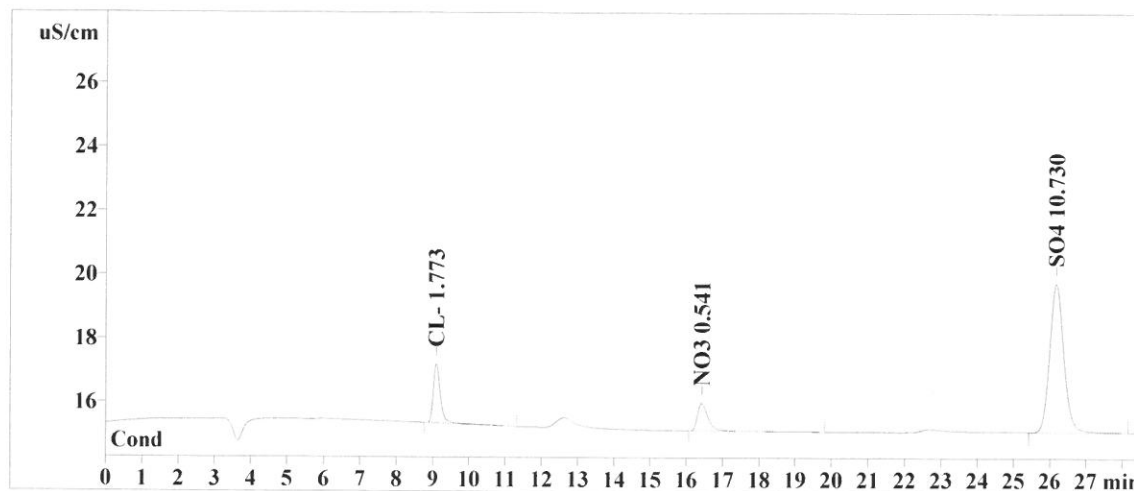
Ident: K3519-02
Analysis from: 6/25/2019 7:19:01 PM
File: _2019-06-25_

Last save: 6/26/2019 11:12:32 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67524

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.09	0.203	1.83	24.93	26.335	15.17	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	16.42	0.294	0.87	11.80	18.018	10.38	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.17	0.420	4.65	63.26	129.297	74.46	0.
7	28.50	0.131	7.35	99.99	173.650	100.00	0.

This report has been created by IC Net
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Report date: 6/26/2019 11:12:48 AM
Printed by: wet

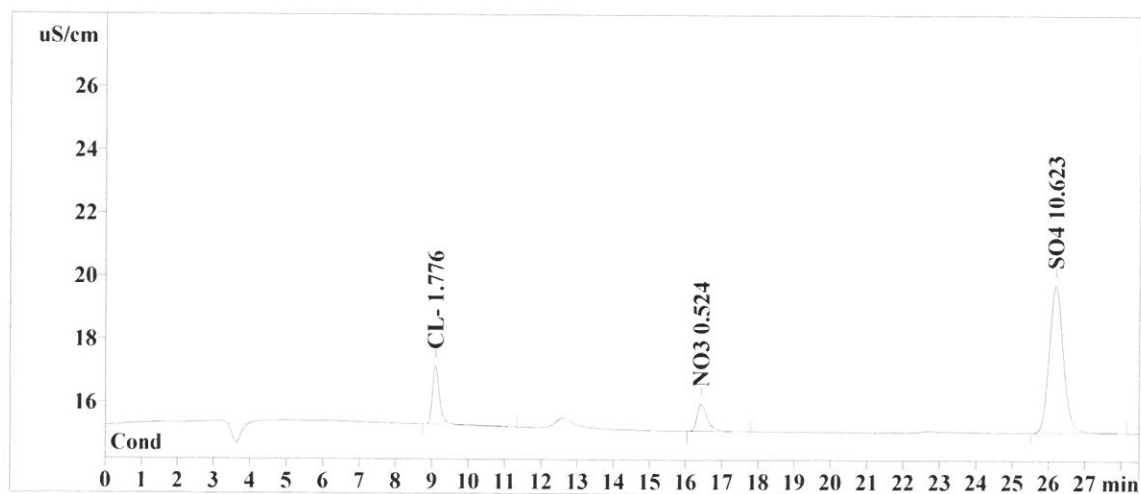
Ident: K3519-03
Analysis from: 6/25/2019 7:50:26 PM
File: _2019-06-25_

Last save: 6/26/2019 11:12:46 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67525

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.10	0.203	1.83	24.92	26.377	15.37	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	16.43	0.295	0.86	11.74	17.319	10.09	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.19	0.416	4.65	63.33	127.946	74.54	0.
7	28.50	0.131	7.34	99.98	171.643	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:13:05 AM
Printed by: wet

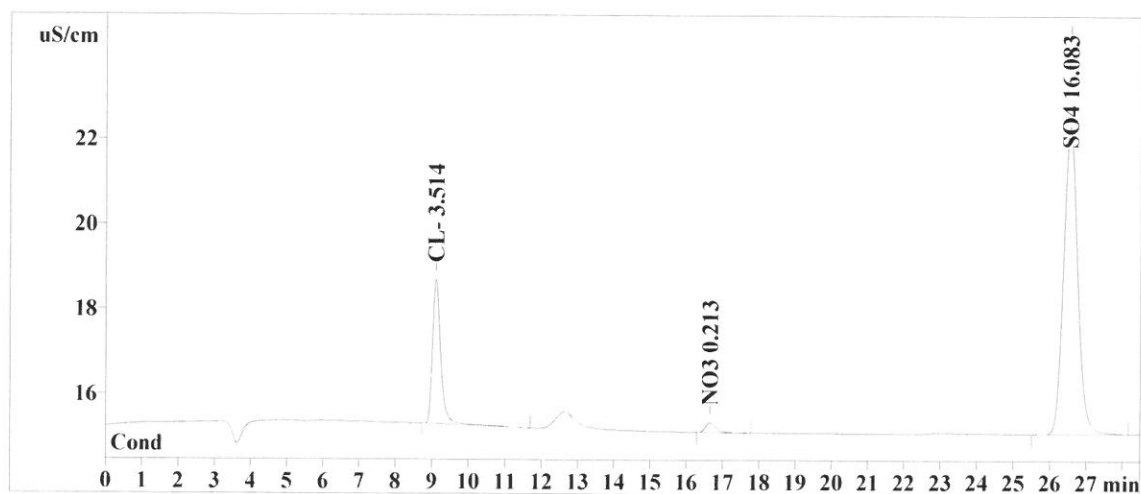
Ident: K3519-04
Analysis from: 6/25/2019 8:21:50 PM
File: _2019-06-25_

Last save: 6/26/2019 11:13:04 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67526

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.11	0.229	3.39	31.26	54.281	21.18	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	16.65	0.308	0.23	2.10	4.782	1.87	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.53	0.413	7.23	66.63	197.161	76.95	0.
7	28.50	0.136	10.85	99.99	256.224	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:13:15 AM
Printed by: wet

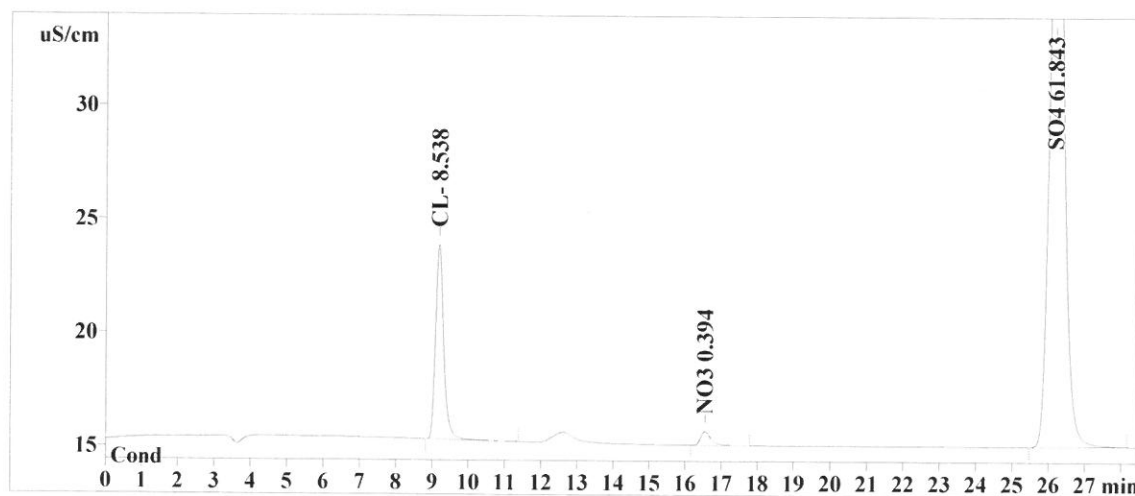
Ident: K3519-05
Analysis from: 6/25/2019 8:53:14 PM
File: _2019-06-25_

Last save: 6/25/2019 9:21:34 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67527

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.18	0.231	8.56	22.71	134.921	14.60	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	16.54	0.293	0.61	1.61	12.102	1.31	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.16	0.415	28.51	75.67	777.266	84.09	0.
7	28.50	0.134	37.68	99.99	924.289	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:13:36 AM
Printed by: wet

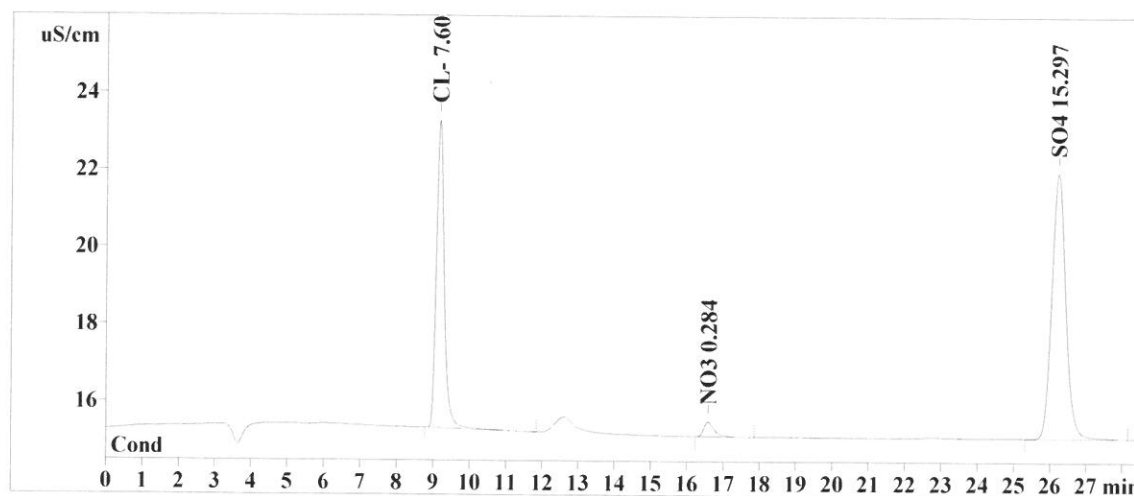
Ident: K3519-08
Analysis from: 6/25/2019 9:24:39 PM
File: _2019-06-25_

Last save: 6/26/2019 11:13:32 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67528

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.15	0.220	7.97	52.38	119.963	38.10	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	16.59	0.299	0.38	2.47	7.671	2.44	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.20	0.412	6.87	45.14	187.189	59.46	0.
7	28.50	0.133	15.21	100.00	314.824	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:13:45 AM
Printed by: wet

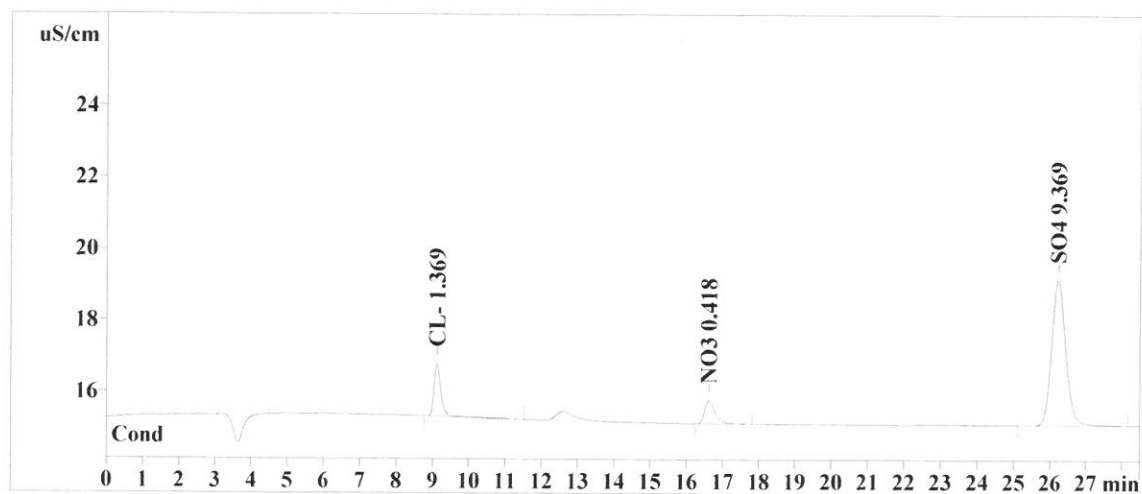
Ident: K3519-09
Analysis from: 6/25/2019 9:56:03 PM
File: _2019-06-25_

Last save: 6/25/2019 10:24:22 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67529

Last save: 6/17/2019 2:43:48 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.12	0.191	1.45	23.55	19.848	13.69	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.61	0.299	0.64	10.40	13.039	9.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.22	0.417	4.06	66.04	112.043	77.31	0.
7	28.50	0.130	6.14	99.98	144.931	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:14:07 AM
Printed by: wet

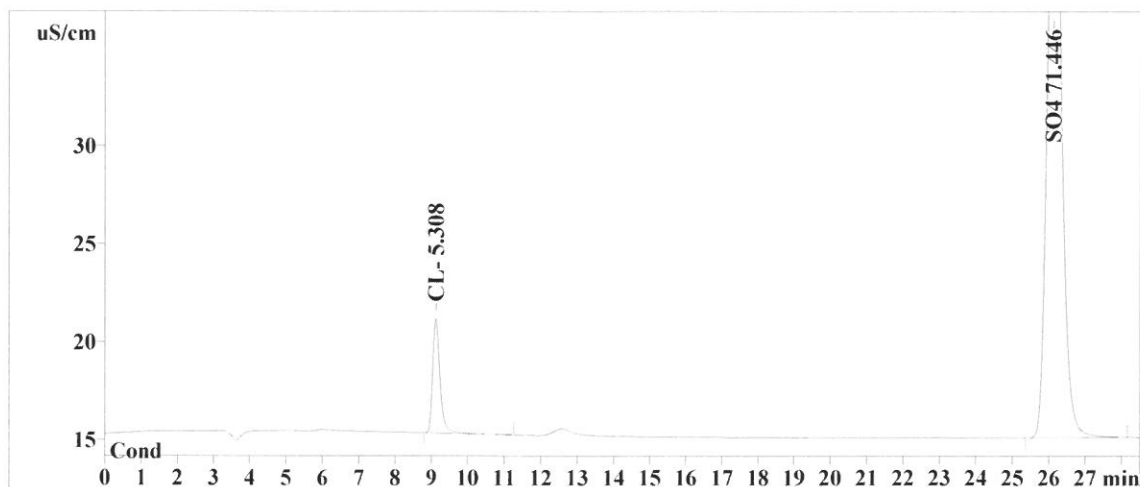
Ident: K3519-10
Analysis from: 6/25/2019 10:27:27 PM
File: _2019-06-25_

Last save: 6/26/2019 11:14:08 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67530

Last save: 6/17/2019 2:43:48 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	9.12	0.209	5.81	15.00	83.077	8.46	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	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	26.10	0.417	32.91	85.00	899.004	91.54	0.
7	28.50	0.089	38.71	100.00	982.081	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:14:42 AM
Printed by: wet

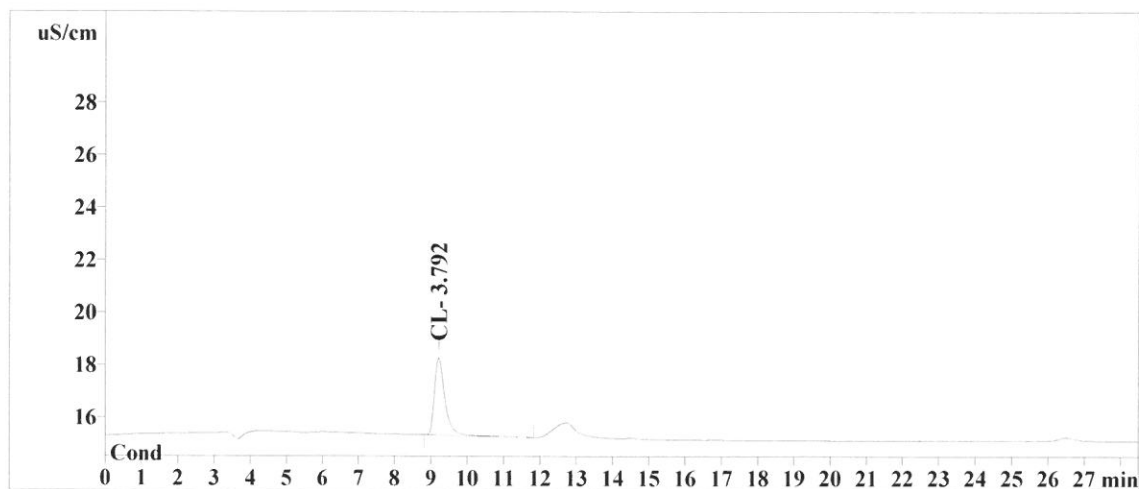
Ident: K3519-11
Analysis from: 6/25/2019 10:58:52 PM
File: _2019-06-25_

Last save: 6/26/2019 11:14:42 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67531

Last save: 6/17/2019 2:43:48 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	9.22	0.288	2.93	100.01	58.747	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	28.50	0.041	2.93	100.01	58.747	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:14:51 AM
Printed by: wet

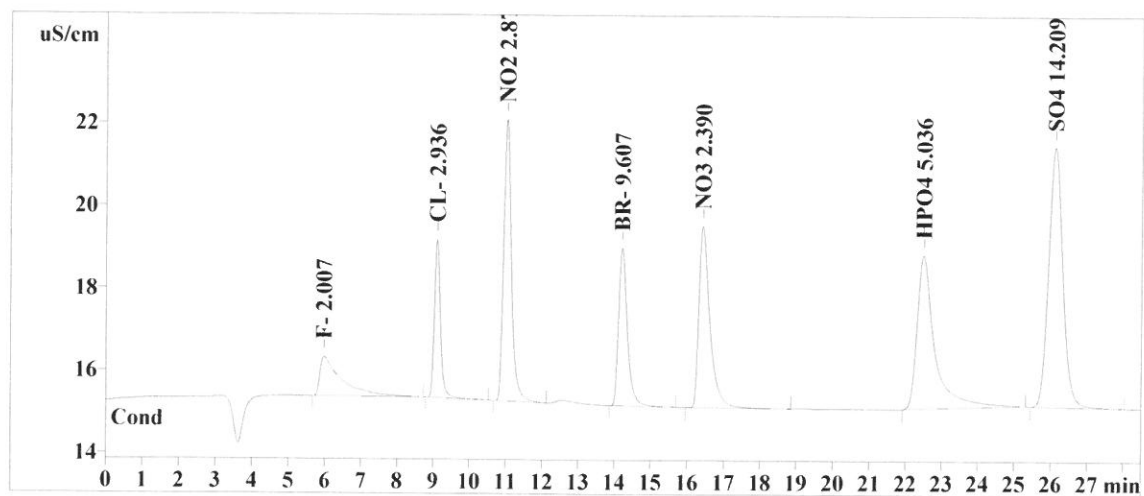
Ident: CCV
Analysis from: 6/25/2019 11:30:16 PM
File: _2019-06-25_

Last save: 6/25/2019 11:58:34 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67532

Last save: 6/17/2019 2:43:48 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	5.97	0.528	0.95	3.19	40.146	6.19	0.
2	9.10	0.172	3.84	12.85	45.002	6.94	0.
3	11.00	0.220	6.82	22.86	101.799	15.70	0.
4	14.20	0.255	3.82	12.80	66.155	10.20	0.
5	16.41	0.304	4.40	14.74	92.438	14.26	0.
6	22.48	0.443	3.71	12.44	129.351	19.95	0.
7	26.10	0.418	6.30	21.10	173.405	26.75	0.
7	28.50	0.334	29.83	99.99	648.296	100.00	0.

This report has been created by IC Net
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Report date: 6/26/2019 11:14:59 AM
Printed by: wet

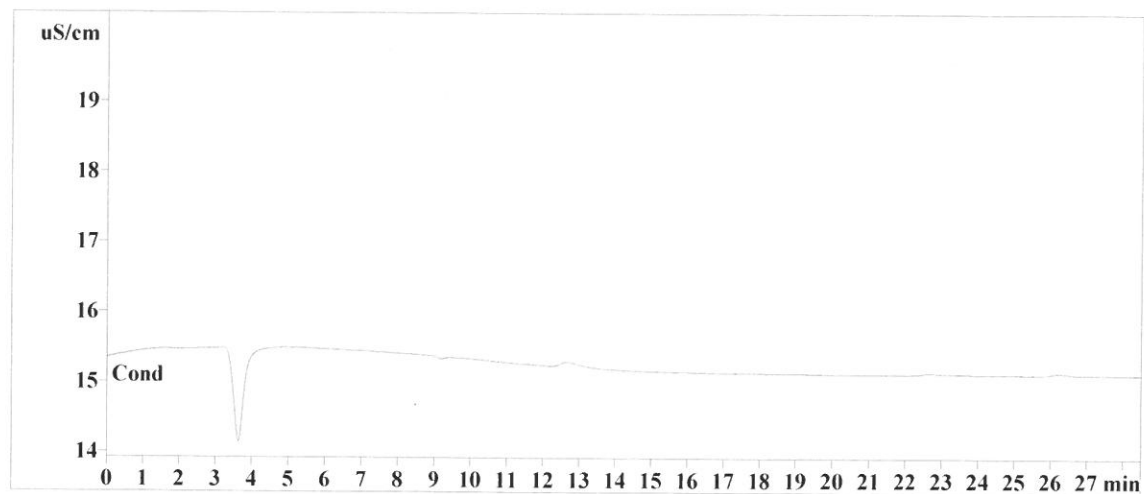
Ident: CCB
Analysis from: 6/26/2019 12:01:40 AM
File: _2019-06-26_

Last save: 6/26/2019 12:30:00 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67533

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 21
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: 6/26/2019 11:15:41 AM
Printed by: wet

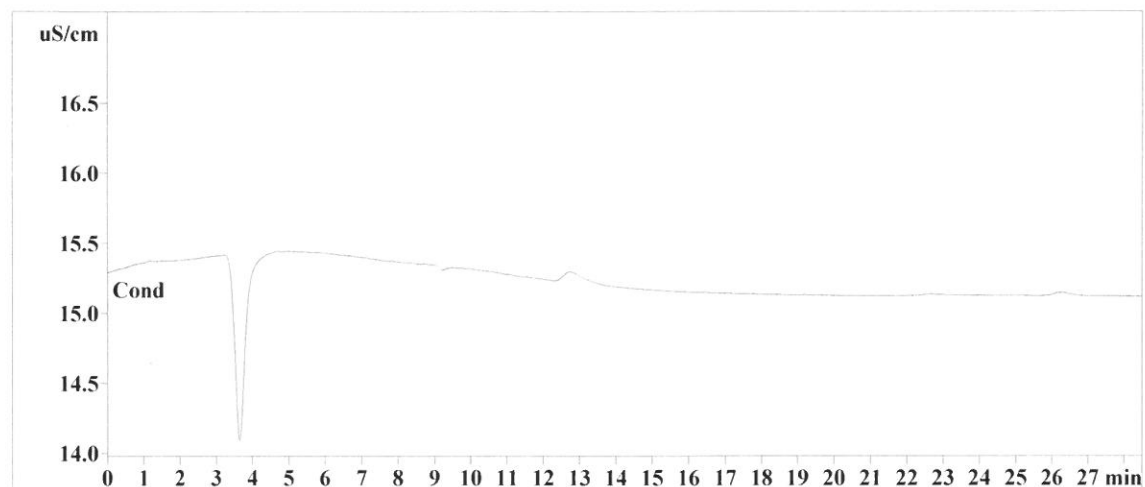
Ident: LB103627BLW2
Analysis from: 6/26/2019 12:33:05 AM
File: _2019-06-26_

Last save: 6/26/2019 11:04:52 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67534

Last save: 6/17/2019 2:43:48 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: 6/26/2019 11:15:49 AM
Printed by: wet

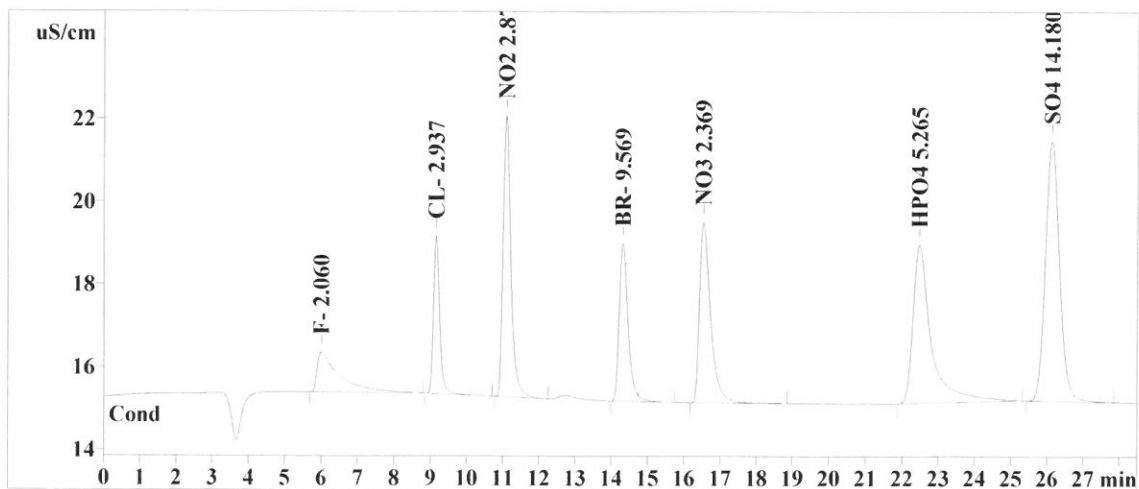
Ident: LB103627BSW2
Analysis from: 6/26/2019 1:04:29 AM
File: _2019-06-26_

Last save: 6/26/2019 11:04:52 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67535

Last save: 6/17/2019 2:43:48 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	6.00	0.540	0.96	3.23	41.322	6.33	0.
2	9.15	0.174	3.80	12.75	45.010	6.89	0.
3	11.08	0.220	6.77	22.74	101.759	15.58	0.
4	14.31	0.255	3.80	12.76	65.883	10.09	0.
5	16.53	0.306	4.35	14.60	91.570	14.02	0.
6	22.47	0.444	3.82	12.83	134.398	20.58	0.
7	26.12	0.418	6.28	21.08	173.029	26.50	0.
7	28.50	0.337	29.78	99.99	652.971	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:16:06 AM
Printed by: wet

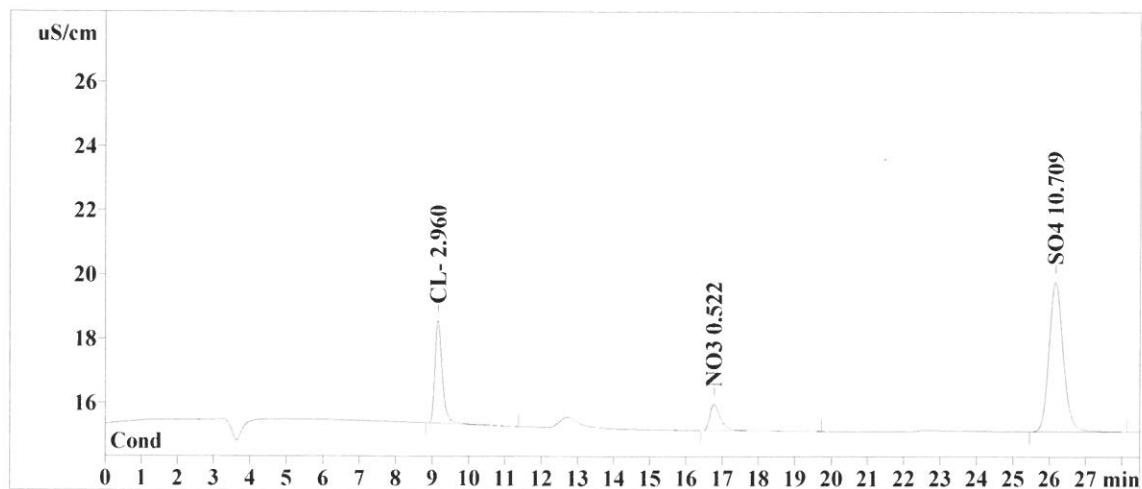
Ident: K3519-12
Analysis from: 6/26/2019 1:35:54 AM
File: _2019-06-26_

Last save: 6/26/2019 11:16:04 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67536

Last save: 6/17/2019 2:43:48 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	9.16	0.205	3.18	36.74	45.388	23.68	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	16.77	0.304	0.81	9.42	17.217	8.98	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.17	0.421	4.66	53.84	129.028	67.33	0.
7	28.50	0.133	8.65	100.00	191.633	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:16:16 AM
Printed by: wet

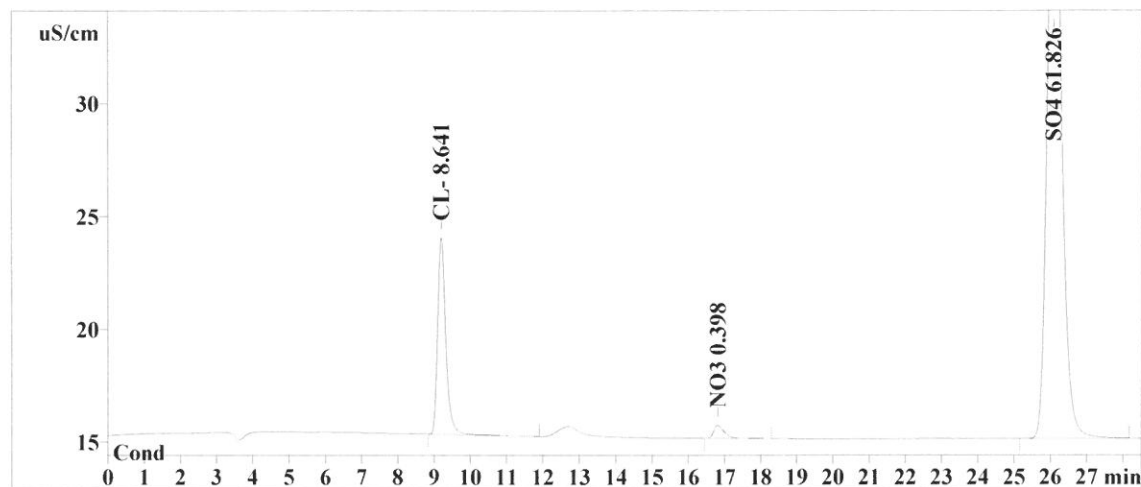
Ident: K3519-05DUP
Analysis from: 6/26/2019 2:07:18 AM
File: _2019-06-26_

Last save: 6/26/2019 2:35:38 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67537

Last save: 6/17/2019 2:43:48 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	9.19	0.229	8.70	22.90	136.574	14.75	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	16.81	0.304	0.59	1.55	12.235	1.32	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.08	0.413	28.69	75.55	777.051	83.93	0.
7	28.50	0.135	37.97	100.00	925.859	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:16:59 AM
Printed by: wet

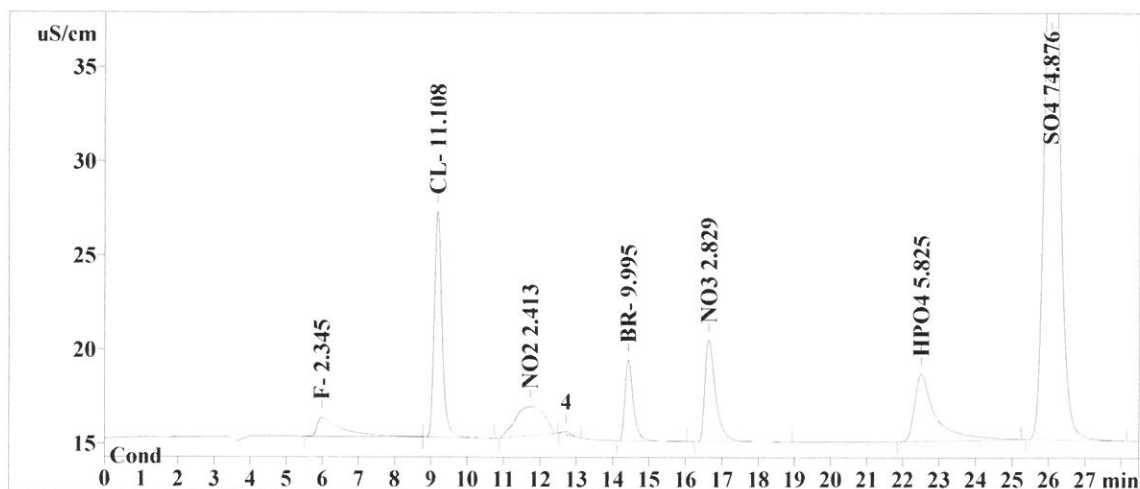
Ident: K3519-06MS
Analysis from: 6/26/2019 2:38:49 AM
File: _2019-06-26_

Last save: 6/26/2019 11:17:00 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67538

Last save: 6/17/2019 2:43:48 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	5.99	0.615	1.01	1.62	47.626	3.02	0.
2	9.18	0.218	11.95	19.24	176.173	11.15	0.
3	11.71	0.924	1.54	2.48	84.841	5.37	0.
4	14.43	0.239	4.25	6.85	68.917	4.36	0.
5	16.63	0.296	5.38	8.67	110.085	6.97	0.
6	22.50	0.493	3.59	5.78	146.743	9.29	0.
7	26.04	0.421	34.24	55.13	942.487	59.67	0.
7	28.50	0.458	61.97	99.76	1576.871	99.83	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:17:24 AM
Printed by: wet

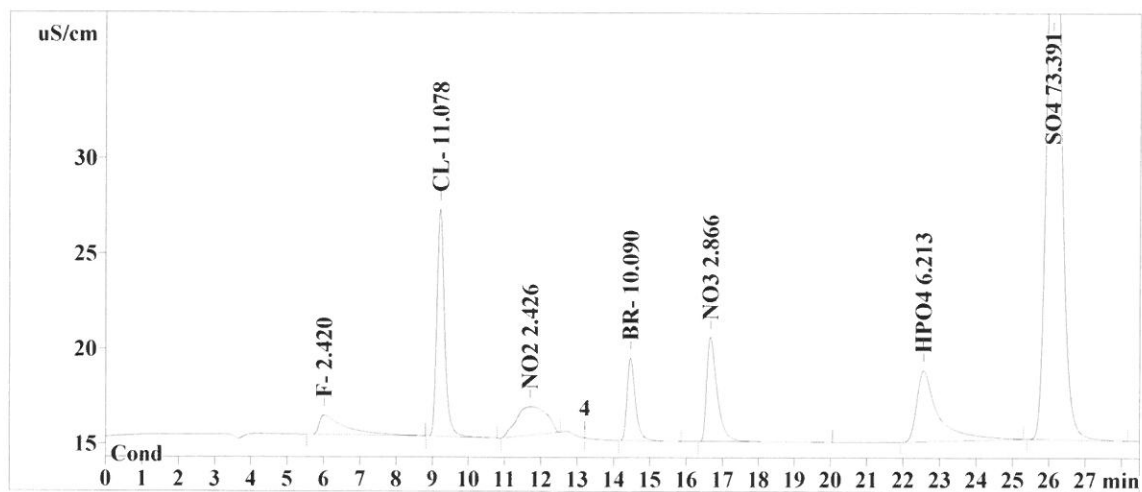
Ident: K3519-07MSD
Analysis from: 6/26/2019 3:10:13 AM
File: _2019-06-26_

Last save: 6/26/2019 11:17:18 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67539

Last save: 6/17/2019 2:43:48 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	6.02	0.631	1.02	1.66	49.274	3.14	0.
2	9.21	0.218	11.89	19.24	175.688	11.19	0.
3	11.69	0.976	1.48	2.40	85.298	5.43	0.
4	14.46	0.238	4.32	7.00	69.600	4.43	0.
5	16.66	0.295	5.47	8.85	111.585	7.11	0.
6	22.55	0.498	3.74	6.06	155.288	9.89	0.
7	26.09	0.417	33.86	54.79	923.668	58.82	0.
7	28.50	0.468	61.79	100.00	1570.402	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:17:40 AM
Printed by: wet

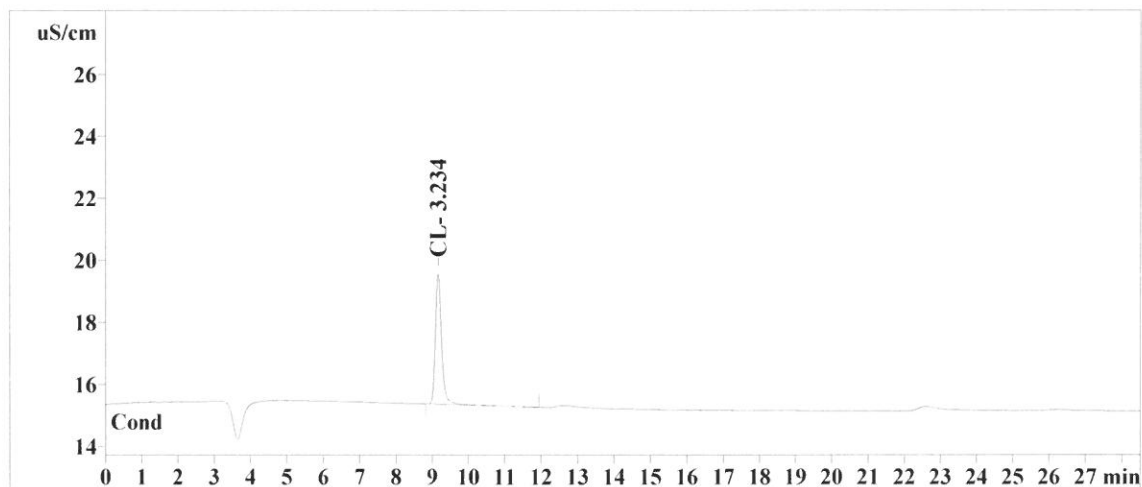
Ident: K3520-06DLX20
Analysis from: 6/26/2019 3:41:38 AM
File: _2019-06-26_

Last save: 6/26/2019 8:57:44 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67540

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 14
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.172	4.18	100.00	49.781	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	28.50	0.025	4.18	100.00	49.781	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:19:45 AM
Printed by: wet

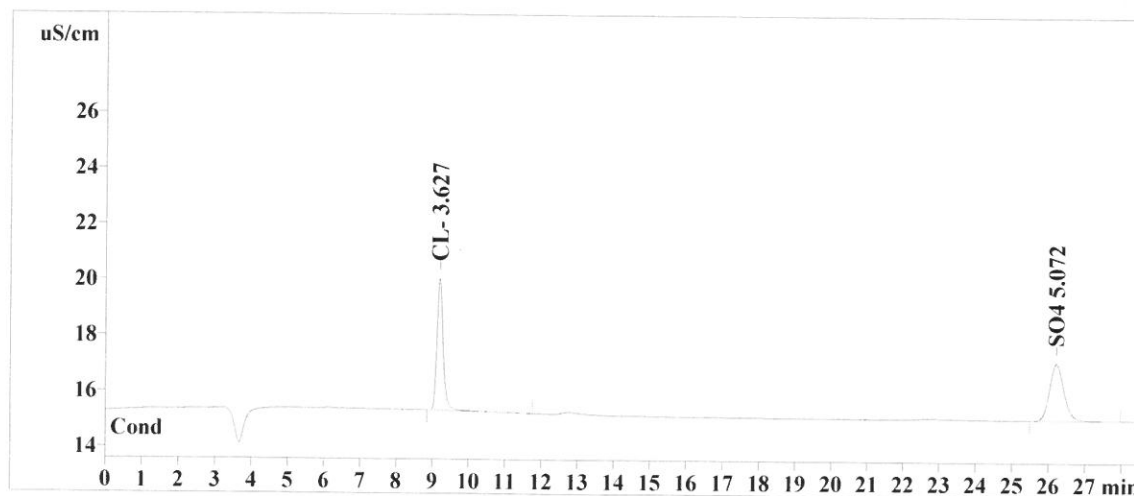
Ident: K3520-05DL2X10
Analysis from: 6/26/2019 4:13:02 AM
File: _2019-06-26_

Last save: 6/26/2019 11:19:40 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67541

Last save: 6/17/2019 2:43:48 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	9.19	0.171	4.72	69.69	56.098	49.35	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	26.21	0.425	2.05	30.29	57.573	50.65	0.
7	28.50	0.085	6.77	99.98	113.672	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:18:19 AM
Printed by: wet

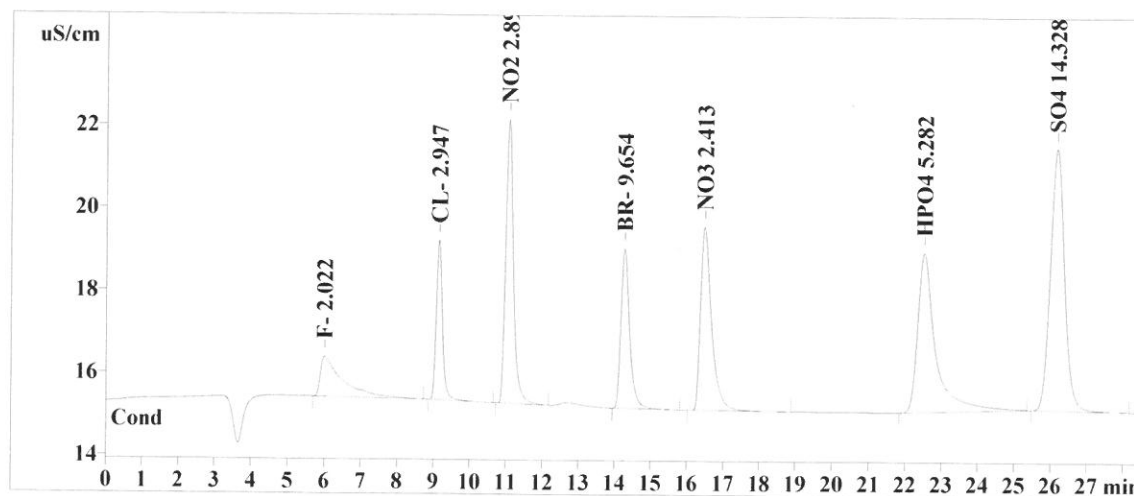
Ident: CCV
Analysis from: 6/26/2019 5:15:51 AM
File: _2019-06-26_

Last save: 6/26/2019 10:13:28 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67543

Last save: 6/17/2019 2:43:48 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	6.01	0.532	0.97	3.21	40.479	6.16	0.
2	9.14	0.172	3.85	12.79	45.170	6.87	0.
3	11.04	0.219	6.85	22.74	102.408	15.57	0.
4	14.26	0.254	3.85	12.79	66.490	10.11	0.
5	16.47	0.305	4.43	14.70	93.354	14.20	0.
6	22.50	0.444	3.84	12.75	134.772	20.49	0.
7	26.15	0.419	6.33	21.02	174.917	26.60	0.
7	28.50	0.335	30.14	100.00	657.589	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:18:35 AM
Printed by: wet

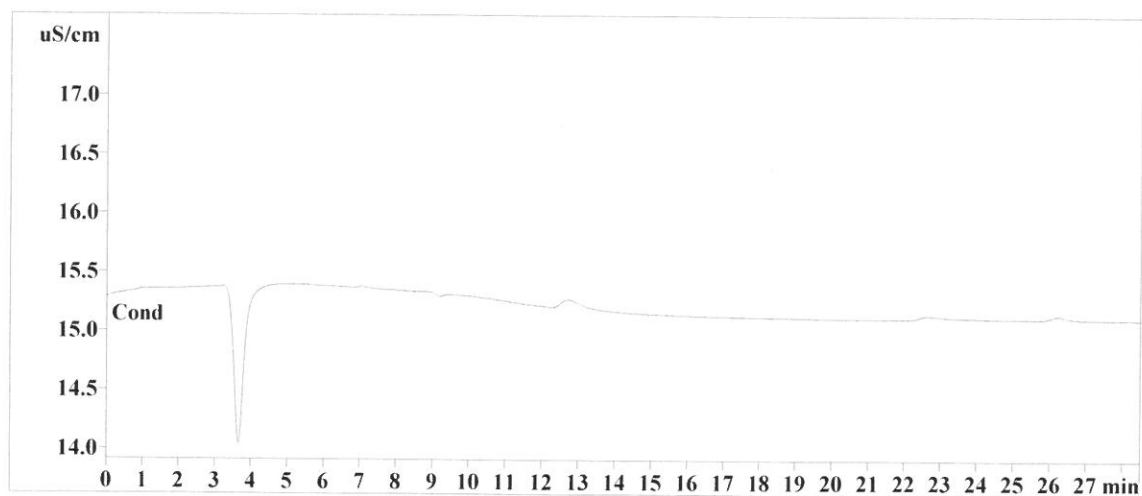
Ident: CCB
Analysis from: 6/26/2019 5:47:15 AM
File: _2019-06-26_

Last save: 6/26/2019 11:18:34 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67544

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 21
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: 6/26/2019 11:22:10 AM
Printed by: wet

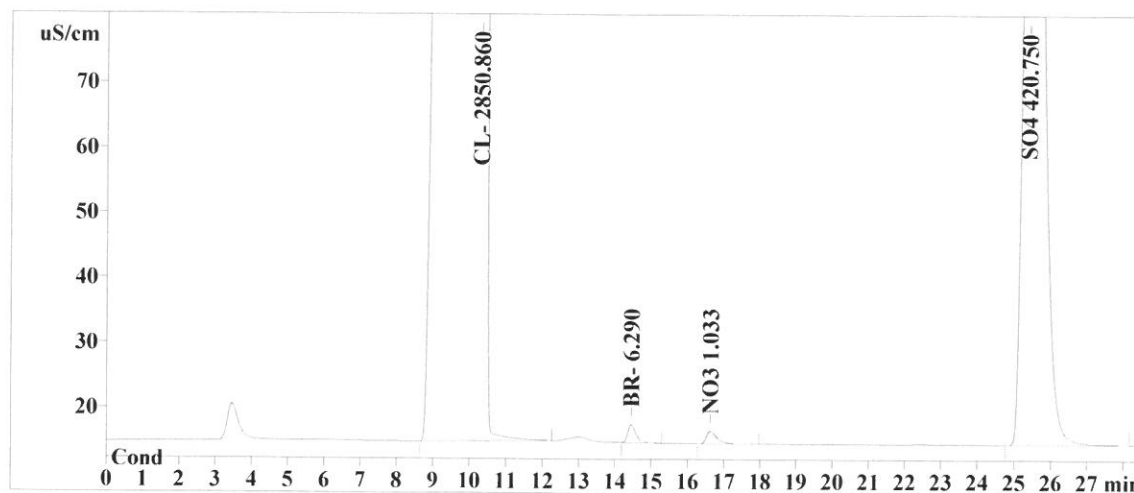
Ident: K3539-01
Analysis from: 6/26/2019 7:58:24 AM
File: _2019-06-26_

Last save: 6/26/2019 11:22:12 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67547

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	10.28	1.058	769.22	81.92	45758.746	89.43	0.
4	14.45	0.234	2.73	0.29	42.488	0.08	0.
5	16.63	0.296	1.89	0.20	37.820	0.07	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.37	0.503	164.93	17.56	5327.198	10.41	0.
7	28.50	0.299	938.77	99.98	51166.252	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:22:40 AM
Printed by: wet

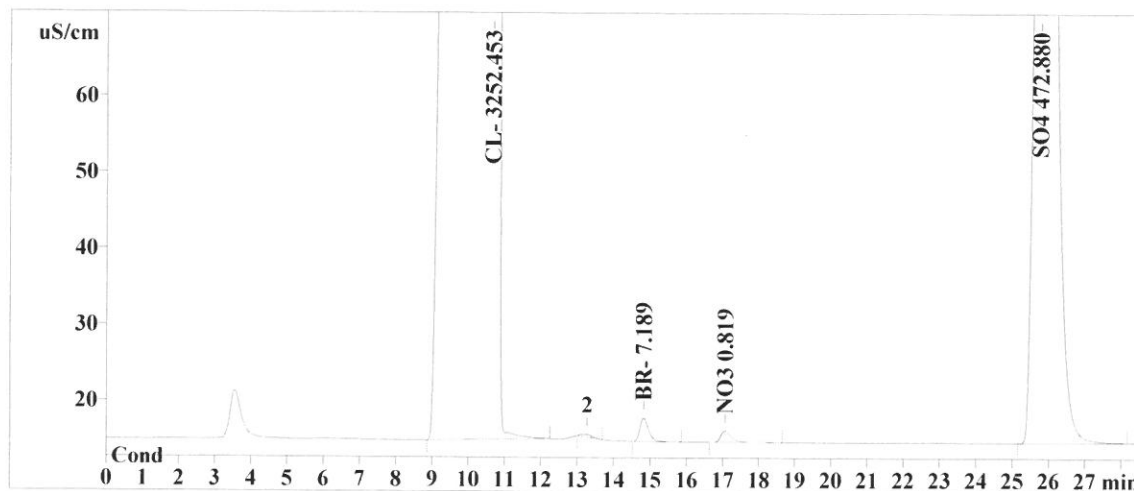
Ident: K3539-02
Analysis from: 6/26/2019 8:29:48 AM
File: _2019-06-26_

Last save: 6/26/2019 11:22:38 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67548

Last save: 6/17/2019 2:43:48 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	10.64	1.173	793.91	81.04	52204.958	89.58	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.82	0.240	3.05	0.31	48.901	0.08	0.
5	17.06	0.297	1.44	0.15	29.193	0.05	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.73	0.517	180.76	18.45	5988.060	10.27	0.
7	28.50	0.318	979.16	99.95	58271.113	99.99	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:23:30 AM
Printed by: wet

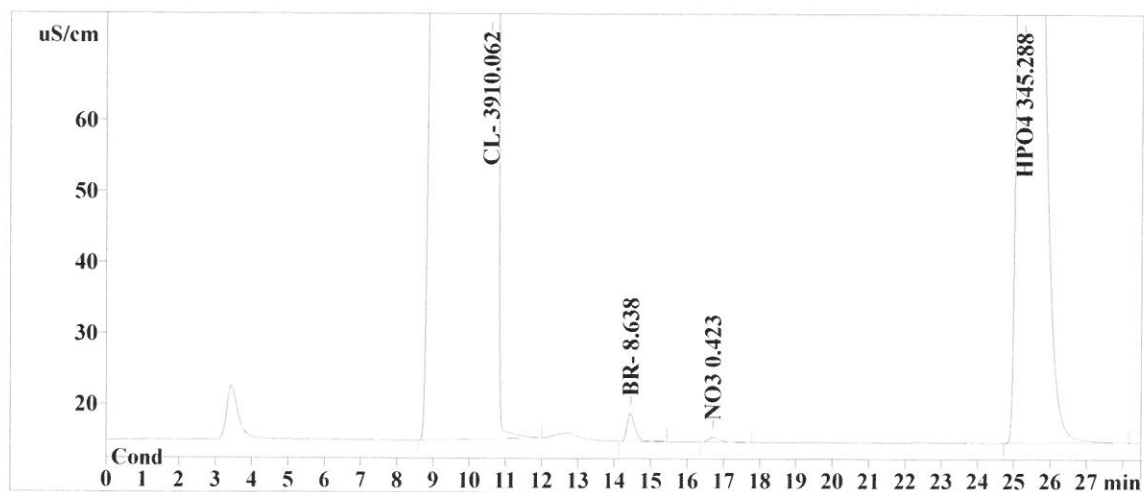
Ident: K3539-03
Analysis from: 6/26/2019 9:01:13 AM
File: _2019-06-26_

Last save: 6/26/2019 11:23:30 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67549

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 37
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	10.57	1.322	851.83	79.62	62760.635	89.07	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.45	0.230	3.86	0.36	59.241	0.08	0.
5	16.70	0.298	0.66	0.06	13.269	0.02	0.
6	25.26	0.559	213.43	19.95	7627.088	10.82	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.50	0.344	1069.78	100.00	70460.233	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:24:05 AM
Printed by: wet

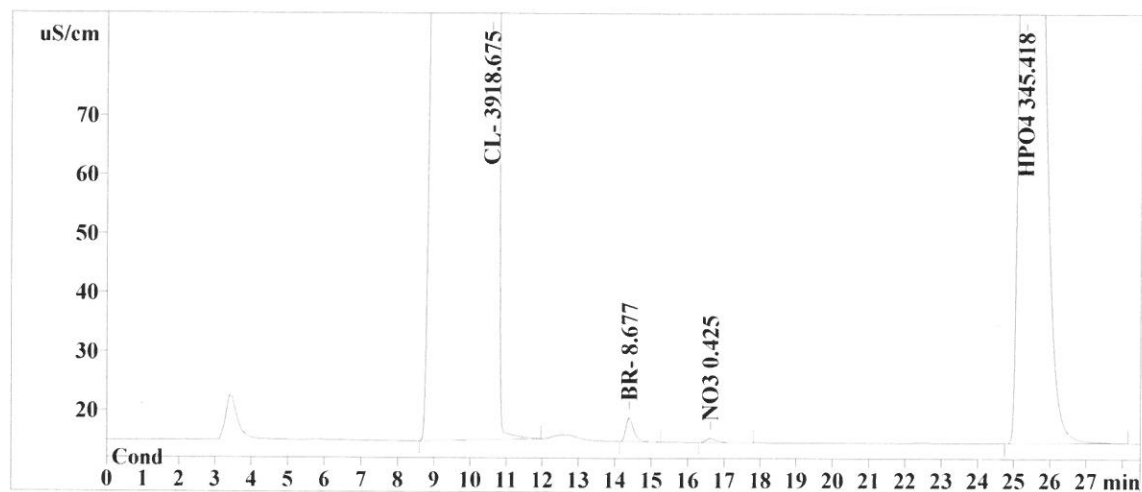
Ident: K3539-04
Analysis from: 6/26/2019 9:32:50 AM
File: _2019-06-26_

Last save: 6/26/2019 11:24:04 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67550

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 38
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	10.56	1.328	849.03	79.66	62898.880	89.09	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.40	0.228	3.92	0.37	59.517	0.08	0.
5	16.62	0.294	0.68	0.06	13.346	0.02	0.
6	25.30	0.563	212.20	19.91	7629.956	10.81	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.50	0.345	1065.83	100.00	70601.699	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:25:34 AM
Printed by: wet

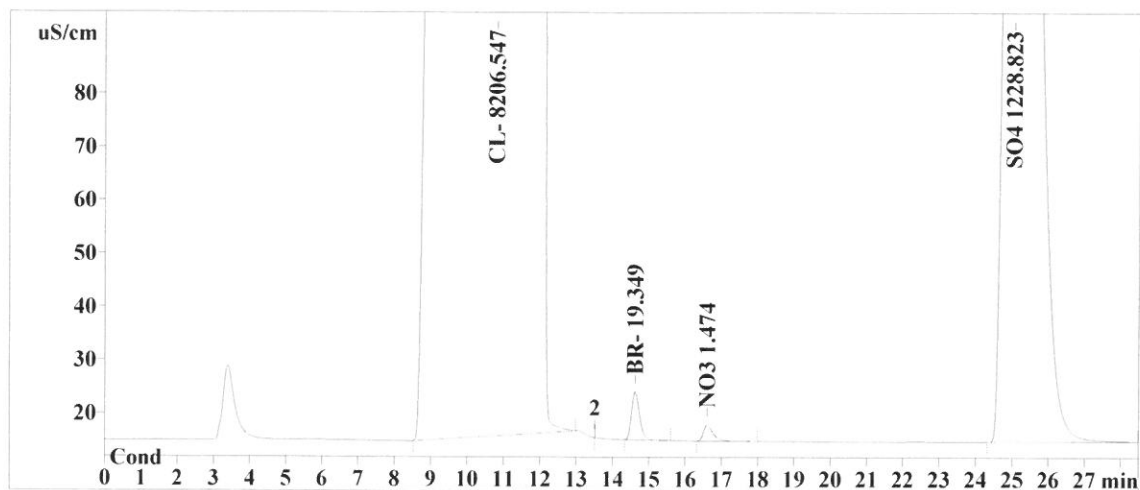
Ident: K3539-06
Analysis from: 6/26/2019 10:04:15 AM
File: _2019-06-26_

Last save: 6/26/2019 11:25:34 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67551

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 39
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	10.78	2.685	939.12	75.22	131726.101	89.31	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.62	0.229	8.96	0.72	135.648	0.09	0.
5	16.61	0.280	2.96	0.24	55.568	0.04	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.02	0.836	297.45	23.82	15571.295	10.56	0.
7	28.50	0.576	1248.49	100.00	147488.613	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 11:27:16 AM
Printed by: wet

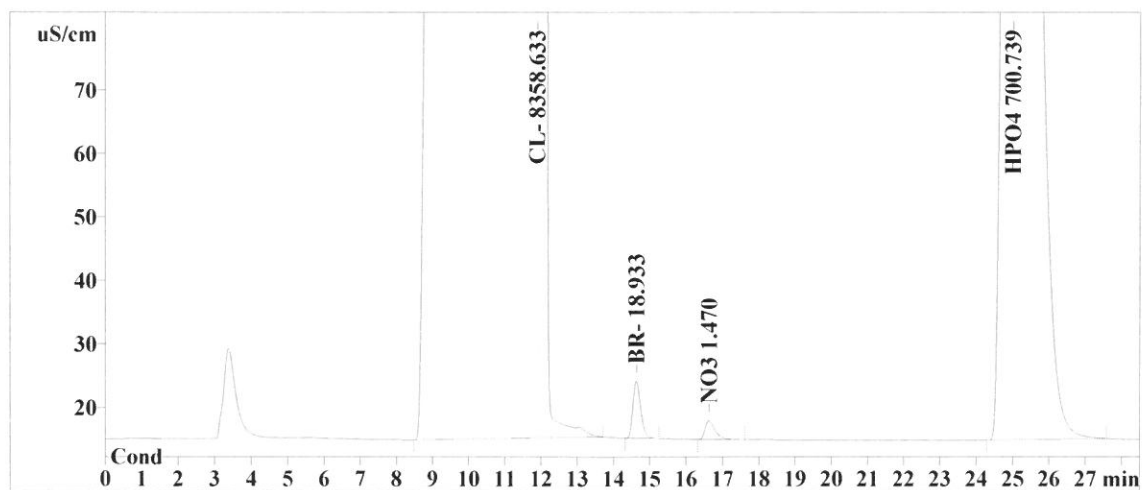
Ident: K3539-06DUP
Analysis from: 6/26/2019 10:35:39 AM
File: _2019-06-26_

Last save: 6/26/2019 11:27:14 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67552

Last save: 6/17/2019 2:43:48 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	11.87	2.716	951.74	75.62	134167.329	89.56	0.
4	14.63	0.225	8.96	0.71	132.682	0.09	0.
5	16.62	0.280	2.95	0.23	55.412	0.04	0.
6	25.00	0.842	294.68	23.41	15459.759	10.32	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.50	0.580	1258.33	99.97	149815.181	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 12:07:03 PM
 Printed by: wet

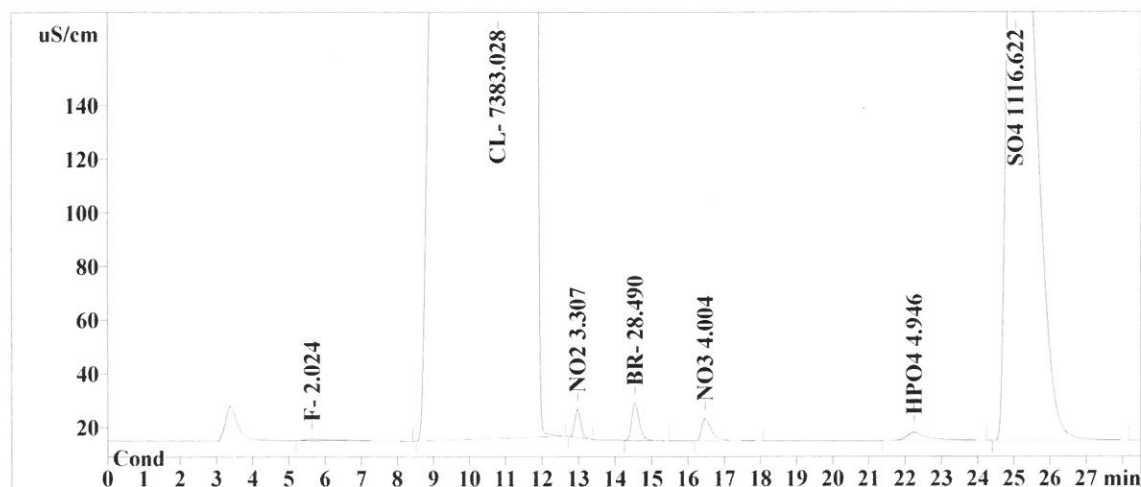
Ident: K3539-06MS
 Analysis from: 6/26/2019 11:07:04 AM
 File: _2019-06-26_

Last save: 6/26/2019 12:07:04 PM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67553

Last save: 6/17/2019 2:43:48 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	5.65	1.172	0.61	0.05	40.527	0.03	0.
2	10.76	2.428	932.06	74.06	118507.305	88.90	0.
3	12.98	0.178	10.32	0.82	117.573	0.09	0.
4	14.55	0.221	13.77	1.09	200.855	0.15	0.
5	16.48	0.281	8.24	0.65	157.385	0.12	0.
6	22.25	0.523	3.06	0.24	127.369	0.10	0.
7	25.03	0.776	290.50	23.08	14148.902	10.61	0.
7	28.50	0.797	1258.55	100.00	133299.917	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/26/2019 12:07:47 PM
Printed by: wet

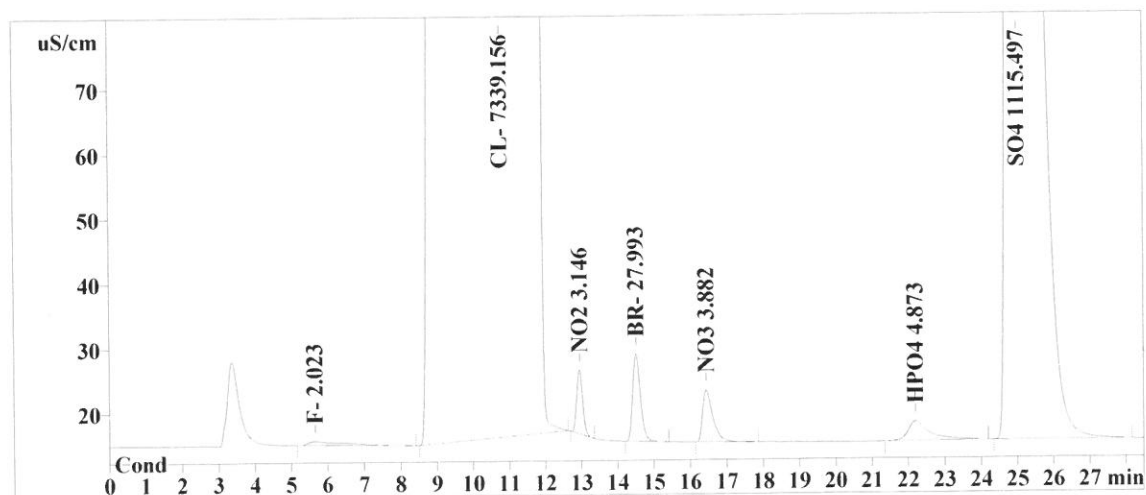
Ident: K3539-06MSD
Analysis from: 6/26/2019 11:38:29 AM
File: _2019-06-26_

Last save: 6/26/2019 12:07:44 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67554

Last save: 6/17/2019 2:43:48 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	5.65	1.210	0.58	0.05	40.496	0.03	0.
2	10.75	2.416	931.30	74.13	117803.100	88.86	0.
3	12.95	0.177	9.87	0.79	111.704	0.08	0.
4	14.51	0.224	13.39	1.07	197.313	0.15	0.
5	16.45	0.282	7.96	0.63	152.485	0.12	0.
6	22.20	0.524	3.01	0.24	125.754	0.09	0.
7	24.99	0.776	290.12	23.09	14134.647	10.66	0.
7	28.50	0.801	1256.22	100.00	132565.499	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 2:06:17 PM
Printed by: wet

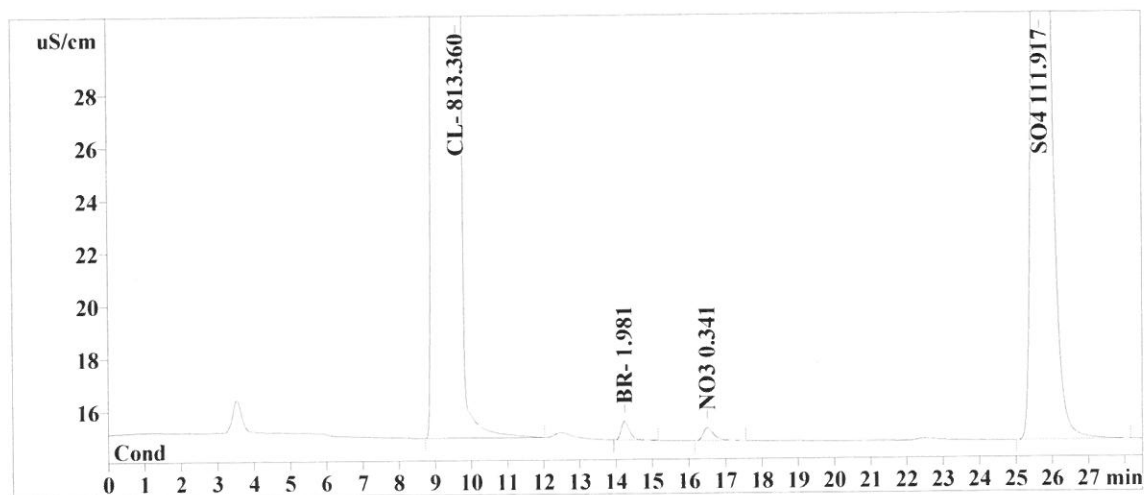
Ident: K3539-06DLX10
Analysis from: 6/26/2019 12:09:53 PM
File: _2019-06-26_

Last save: 6/26/2019 2:06:18 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67555

Last save: 6/17/2019 2:43:48 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	9.59	0.486	458.25	89.92	13053.612	90.10	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.24	0.252	0.70	0.14	11.750	0.08	0.
5	16.51	0.303	0.49	0.10	9.946	0.07	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.68	0.434	49.92	9.80	1412.066	9.75	0.
7	28.50	0.211	509.36	99.95	14487.374	100.00	0.

This report has been created by IC Net
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Report date: 6/26/2019 2:06:39 PM
Printed by: wet

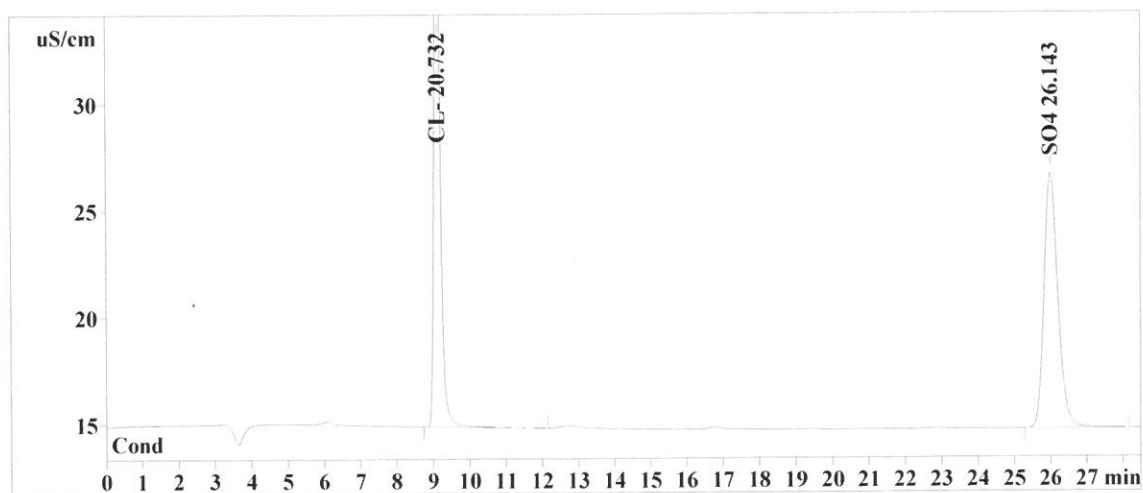
Ident: K3520-05DLX2
Analysis from: 6/26/2019 12:41:17 PM
File: _2019-06-26_

Last save: 6/26/2019 1:39:30 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67556

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 40
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.11	0.166	29.06	70.90	330.655	50.45	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	26.00	0.412	11.93	29.12	324.695	49.55	0.
7	28.50	0.083	40.99	100.02	655.350	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/26/2019 2:06:48 PM
Printed by: wet

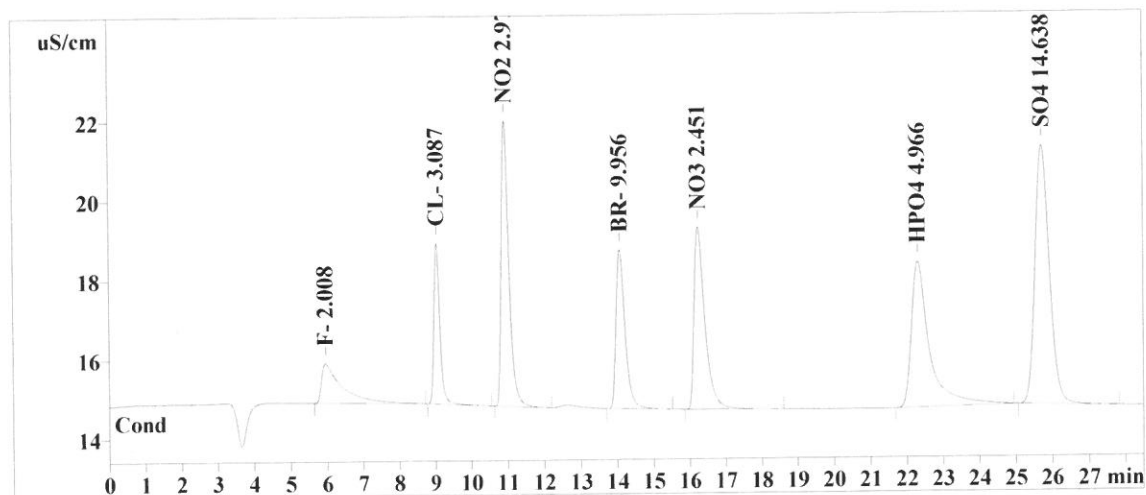
Ident: CCV
Analysis from: 6/26/2019 1:12:42 PM
File: _2019-06-26_

Last save: 6/26/2019 1:41:00 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67557

Last save: 6/17/2019 2:43:48 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	5.95	0.503	1.00	3.21	40.168	6.06	0.
2	9.04	0.170	4.05	13.05	47.420	7.15	0.
3	10.92	0.216	7.20	23.19	105.494	15.91	0.
4	14.07	0.252	4.00	12.88	68.640	10.35	0.
5	16.23	0.300	4.59	14.79	94.883	14.31	0.
6	22.31	0.444	3.68	11.86	127.815	19.27	0.
7	25.73	0.416	6.53	21.01	178.836	26.96	0.
7	28.50	0.329	31.06	100.00	663.256	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/27/2019 8:26:24 AM
Printed by: wet

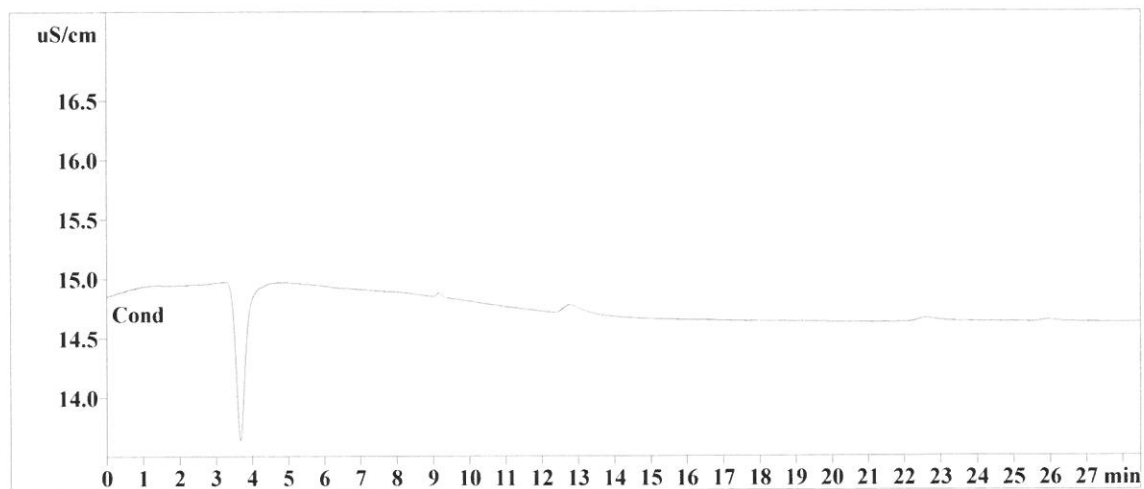
Ident: CCB
Analysis from: 6/26/2019 1:57:23 PM
File: _2019-06-26_

Last save: 6/27/2019 8:26:24 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67558

Last save: 6/17/2019 2:43:48 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: 6/27/2019 8:26:35 AM
Printed by: wet

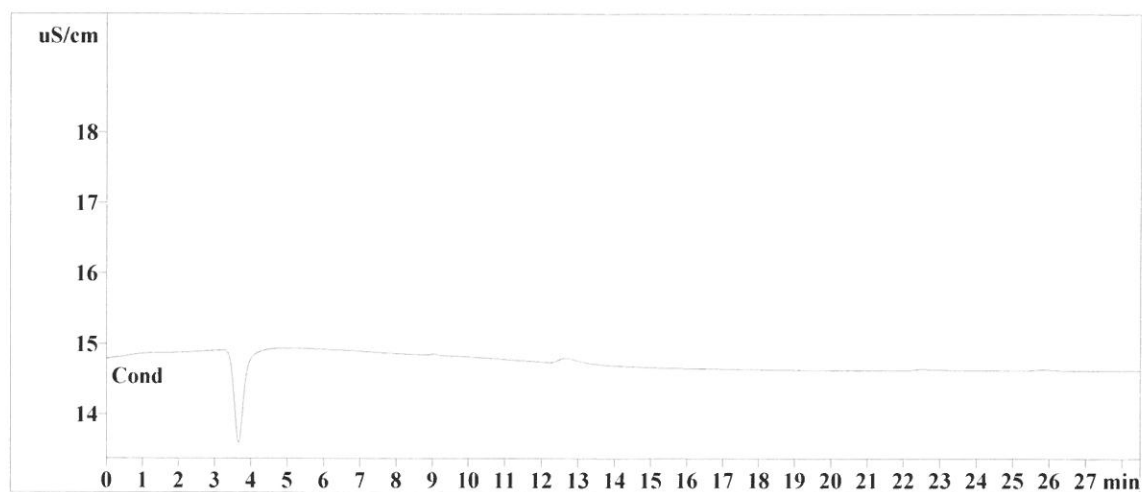
Ident: LB103627BLW3
Analysis from: 6/26/2019 2:33:50 PM
File: _2019-06-26_

Last save: 6/26/2019 3:02:08 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67559

Last save: 6/17/2019 2:43:48 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: 6/27/2019 8:26:43 AM
Printed by: wet

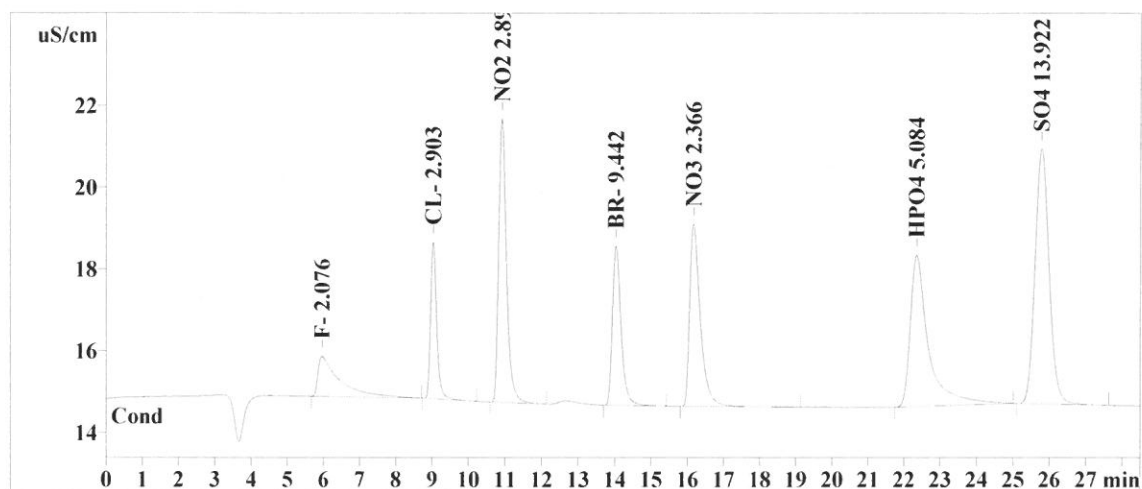
Ident: LB103627BSW3
Analysis from: 6/26/2019 3:05:14 PM
File: _2019-06-26_

Last save: 6/26/2019 3:33:34 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67560

Last save: 6/17/2019 2:43:48 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.96	0.528	0.98	3.27	41.669	6.46	0.
2	9.03	0.170	3.83	12.75	44.466	6.89	0.
3	10.90	0.218	6.93	23.08	102.373	15.87	0.
4	14.02	0.246	3.89	12.95	64.973	10.07	0.
5	16.16	0.299	4.45	14.84	91.462	14.18	0.
6	22.35	0.450	3.70	12.32	130.415	20.22	0.
7	25.77	0.414	6.24	20.78	169.767	26.32	0.
7	28.50	0.332	30.02	100.00	645.125	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/27/2019 8:27:24 AM
Printed by: wet

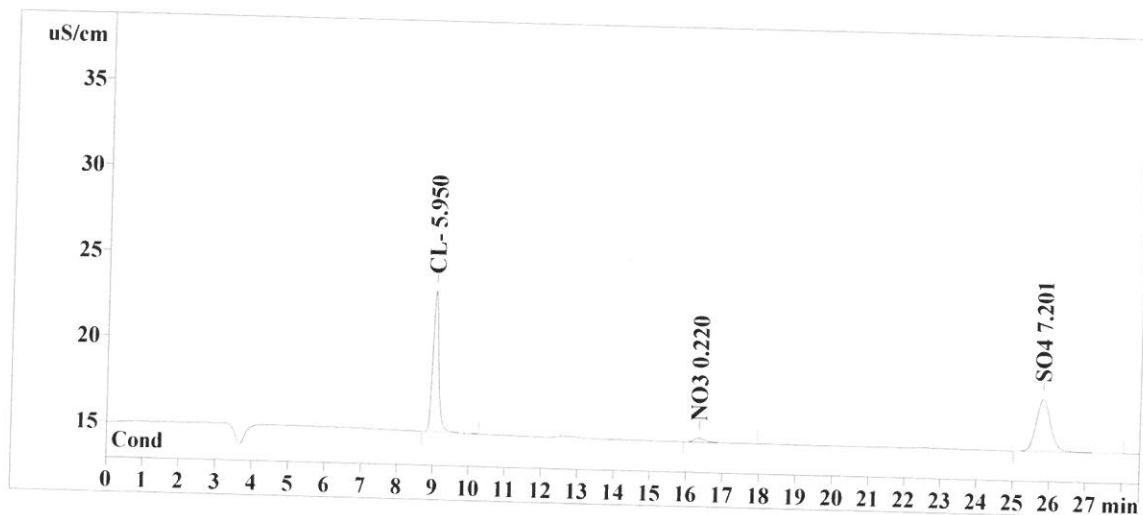
Ident: K3520-03DLX5
Analysis from: 6/26/2019 3:36:39 PM
File: _2019-06-26_

Last save: 6/27/2019 8:27:24 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67561

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 41
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.02	0.166	8.23	71.53	93.379	51.02	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	16.34	0.311	0.23	2.02	5.083	2.78	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.81	0.421	3.04	26.45	84.566	46.20	0.
7	28.50	0.128	11.50	100.00	183.028	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/27/2019 8:27:40 AM
Printed by: wet

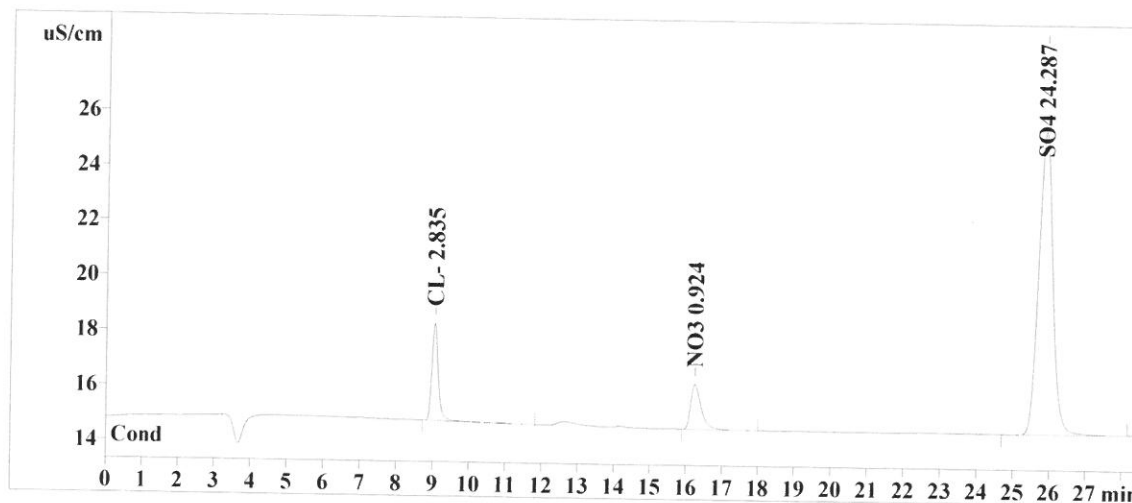
Ident: K3521-02DLX2
Analysis from: 6/26/2019 4:08:03 PM
File: _2019-06-26_

Last save: 6/26/2019 4:36:22 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67562

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 42
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.04	0.176	3.52	21.76	43.379	11.48	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	0.300	1.63	10.10	33.430	8.84	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.82	0.413	11.02	68.13	301.162	79.68	0.
7	28.50	0.127	16.17	99.99	377.971	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/27/2019 8:28:27 AM
 Printed by: wet

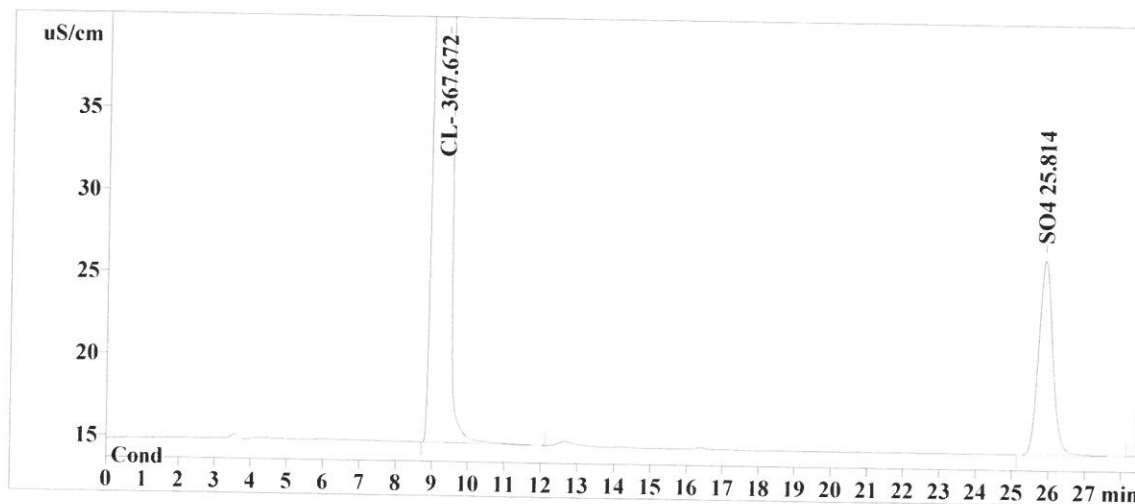
Ident: K3521-04DLX2
 Analysis from: 6/26/2019 4:39:28 PM
 File: _2019-06-26_

Last save: 6/27/2019 8:28:28 AM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67563

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
 : AK/AP
 Vial number: 43
 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	9.33	0.314	308.75	96.28	5899.594	94.85	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	25.87	0.410	11.82	3.69	320.522	5.15	0.
7	28.50	0.103	320.58	99.97	6220.116	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/27/2019 8:28:56 AM
Printed by: wet

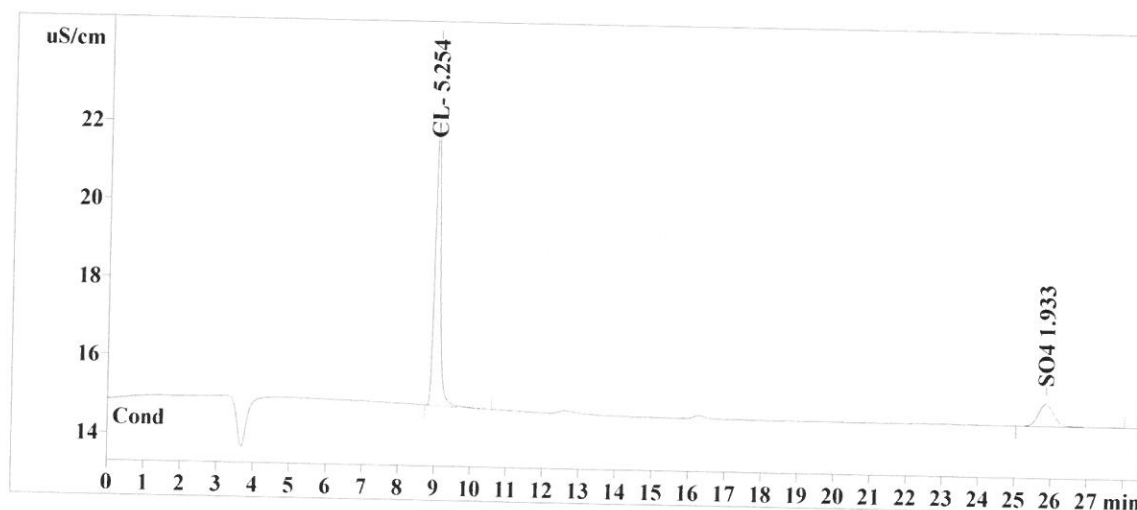
Ident: K3521-04DL2X100
Analysis from: 6/26/2019 5:10:52 PM
File: _2019-06-26_

Last save: 6/27/2019 8:28:52 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67564

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 44
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.01	0.165	7.25	92.60	82.211	82.22	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	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	25.86	0.461	0.58	7.39	17.779	17.78	0.
7	28.50	0.089	7.83	99.99	99.991	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/27/2019 8:29:48 AM
Printed by: wet

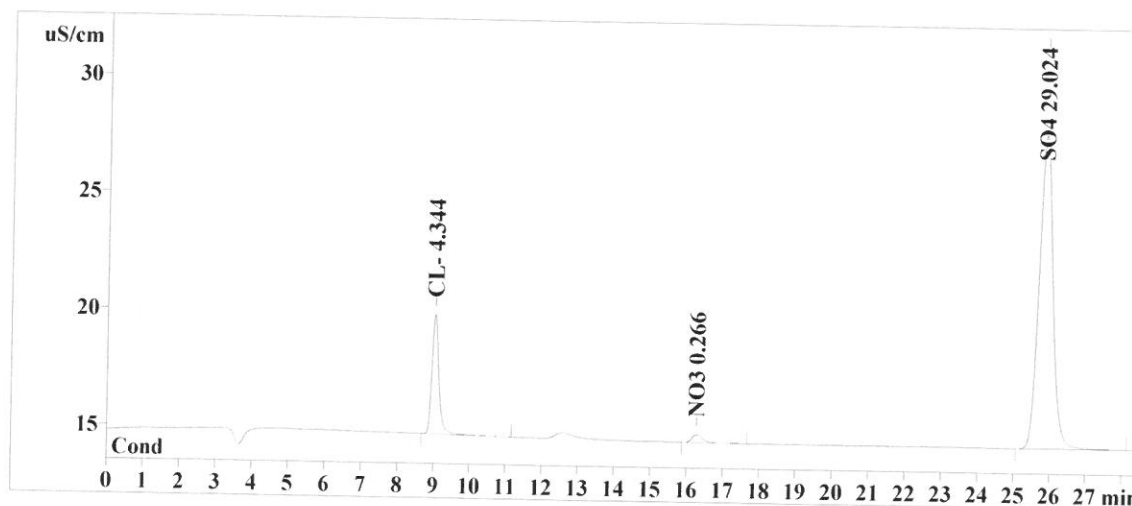
Ident: K3519-05DLX2
Analysis from: 6/26/2019 5:42:17 PM
File: _2019-06-26_

Last save: 6/26/2019 6:10:36 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67565

Last save: 6/17/2019 2:43:48 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	9.02	0.192	5.10	27.08	67.594	15.51	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.27	0.300	0.34	1.79	6.928	1.59	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.81	0.408	13.40	71.13	361.221	82.90	0.
7	28.50	0.129	18.84	100.00	435.743	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/27/2019 8:30:16 AM
Printed by: wet

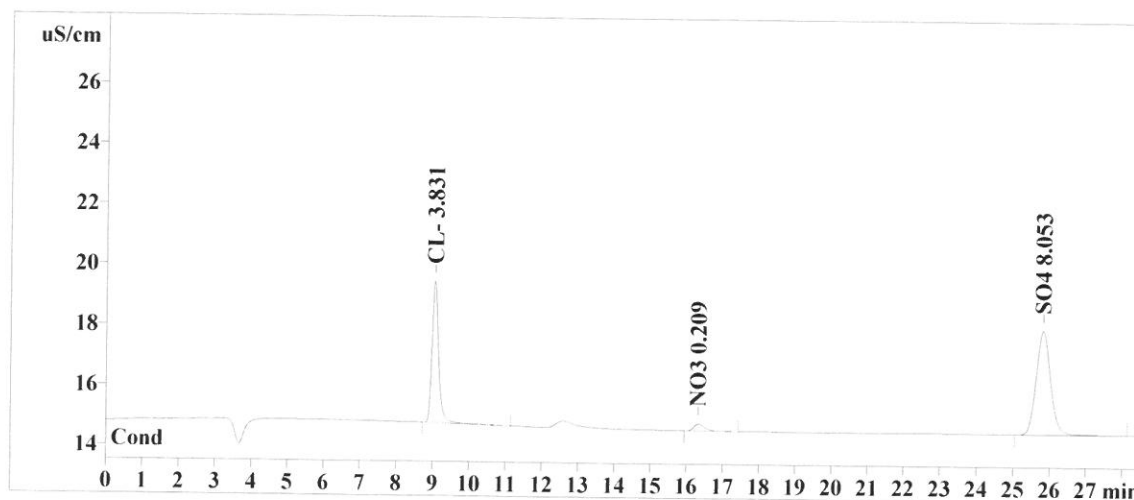
Ident: K3519-08DLX2
Analysis from: 6/26/2019 6:13:41 PM
File: _2019-06-26_

Last save: 6/26/2019 6:42:00 PM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67566

Last save: 6/17/2019 2:43:48 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	9.04	0.184	4.68	56.05	59.372	37.25	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	16.33	0.301	0.22	2.69	4.646	2.91	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.80	0.417	3.44	41.24	95.362	59.83	0.
7	28.50	0.129	8.35	99.98	159.379	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/27/2019 8:30:41 AM
Printed by: wet

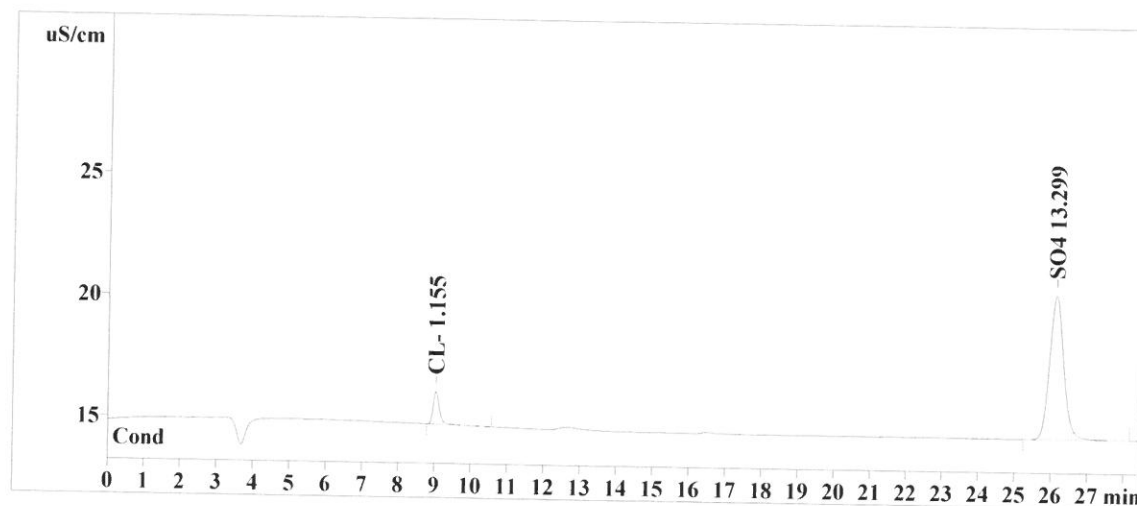
Ident: K3519-10DLX5
Analysis from: 6/26/2019 6:45:05 PM
File: _2019-06-26_

Last save: 6/27/2019 8:30:38 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67567

Last save: 6/17/2019 2:43:48 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	9.04	0.177	1.33	18.39	16.418	9.21	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	26.12	0.416	5.88	81.61	161.872	90.79	0.
7	28.50	0.085	7.21	100.00	178.290	100.00	0.

This report has been created by IC Net
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Report date: 6/27/2019 8:30:48 AM
 Printed by: wet

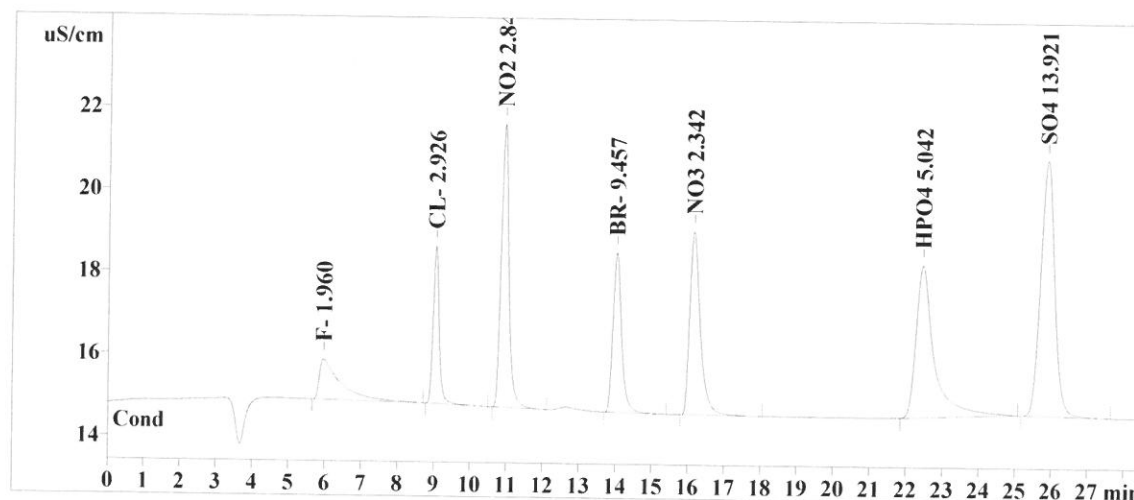
Ident: CCV
 Analysis from: 6/26/2019 7:16:30 PM
 File: _2019-06-26_

Last save: 6/26/2019 7:44:48 PM

Method: ANIONS 06-17-19.mtw
 Run operator: wet
 Analysis number: 67568

Last save: 6/17/2019 2:43:48 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	5.96	0.511	0.98	3.27	39.104	6.11	0.
2	9.03	0.171	3.82	12.78	44.832	7.01	0.
3	10.90	0.216	6.88	23.01	100.769	15.76	0.
4	14.00	0.248	3.87	12.96	65.084	10.18	0.
5	16.12	0.296	4.45	14.89	90.509	14.15	0.
6	22.42	0.447	3.69	12.33	129.493	20.25	0.
7	25.84	0.416	6.21	20.76	169.754	26.54	0.
7	28.50	0.329	29.90	100.00	639.545	100.00	0.

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Report date: 6/27/2019 8:31:02 AM
Printed by: wet

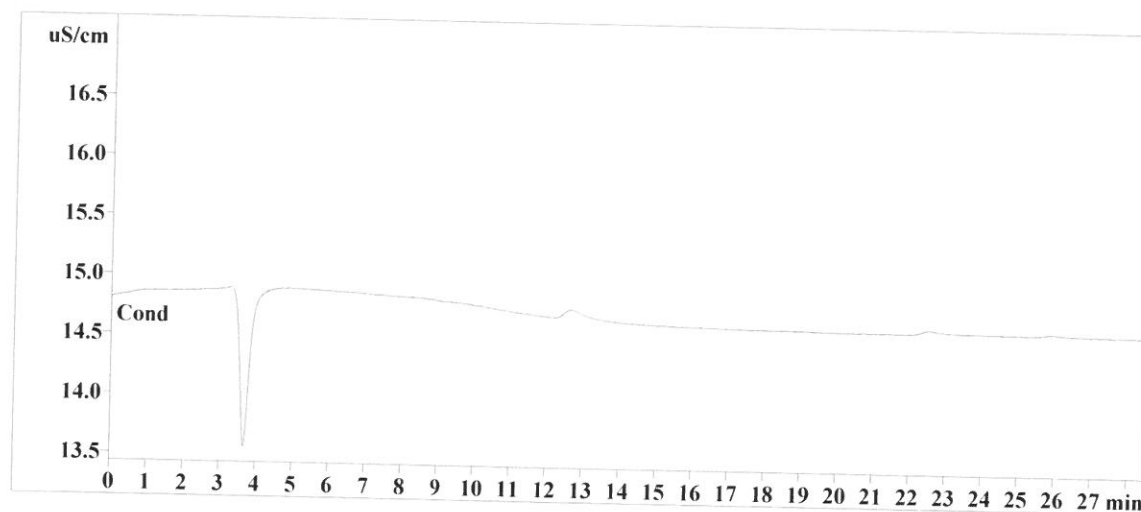
Ident: CCB
Analysis from: 6/26/2019 7:47:54 PM
File: _2019-06-26_

Last save: 6/27/2019 8:31:00 AM

Method: ANIONS 06-17-19.mtw
Run operator: wet
Analysis number: 67569

Last save: 6/17/2019 2:43:48 PM

SAMPLE:
: AK/AP
Vial number: 49
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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