

Clear table

IC-4 800.0
06/03/19 AD

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	2019-05-23	5/23/19 14:53		AK/AP
STD2	0.2780	0.3730	0.3800	1.1760	0.3180	0.3750	2.0660	2019-05-23	5/23/19 15:26		AK/AP
STD3	0.4220	0.6650	0.6490	2.0710	0.5360	0.9930	3.3360	2019-05-23	5/23/19 15:59		AK/AP
STD4	0.7420	1.1850	1.2080	3.9050	0.9960	2.1940	6.0650	2019-05-23	5/23/19 16:32		AK/AP
STD5	1.9600	2.8070	2.8510	9.9200	2.3930	5.0950	13.8990	2019-05-23	5/23/19 17:05		AK/AP
STD6	3.9120	6.0250	5.8900	19.5490	4.8830	9.6320	29.1940	2019-05-23	5/23/19 17:38		AK/AP
STD7	5.0850	7.5450	7.6360	25.3790	6.3740	12.7120	38.4410	2019-05-23	5/23/19 18:11		AK/AP
ICV	1.9630	2.8720	2.9310	9.4920	2.4330	5.2280	14.8160	2019-05-23	5/23/19 18:43		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-23	5/23/19 18:43		AK/AP
CCV	2.0130	2.8150	2.9590	9.5070	2.3870	5.1710	14.0750	2019-05-30	5/30/19 8:43		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-30	5/30/19 9:18		AK/AP
K3077-01	0.0000	221.5380	0.0000	0.4260	0.0000	0.0000	23.9910	2019-05-30	5/30/19 9:51		AK/AP
K3077-02	0.3040	221.6550	0.0000	0.4280	0.0000	0.0000	23.8260	2019-05-30	5/30/19 10:23		AK/AP
K3077-03	8.3020	23.8510	0.0000	0.0000	0.0000	0.0000	0.8470	2019-05-30	5/30/19 10:54		AK/AP
LB103087BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-30	5/30/19 11:25		AK/AP
LB103087BSW	1.9230	2.8160	2.9500	9.4790	2.3790	5.4490	14.0300	2019-05-30	5/30/19 15:04		AK/AP
K3094-01	0.2640	8.3700	0.0000	0.4410	0.0000	0.0000	63.7000	2019-05-30	5/30/19 15:38		AK/AP
CCV	1.8090	2.8060	2.8920	9.3260	2.3470	5.4550	13.9790	2019-05-30	5/30/19 16:11		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-30	5/30/19 16:43		AK/AP
K3094-02	0.2810	29.3640	0.0000	0.4270	0.0000	0.0000	49.5210	2019-05-30	5/30/19 17:15		AK/AP
K3094-03	7.0660	18.8080	0.0000	0.0000	0.0000	0.0000	3.2900	2019-05-30	5/30/19 17:47		AK/AP
K3077-03DUP	8.5110	24.5780	0.0000	0.0000	0.0000	0.0000	0.8630	2019-05-30	5/30/19 18:19		AK/AP
K3077-03MS	0.7010	25.2490	3.5440	10.0420	2.5330	0.0000	15.4520	2019-05-30	5/30/19 18:51		AK/AP
K3077-03MSD	0.6710	25.2990	3.4350	9.7460	2.4450	0.0000	14.8920	2019-05-30	5/30/19 19:22		AK/AP
K3077-01DLX50	0.0000	3.2140	0.0000	0.0000	0.0000	0.0000	1.2370	2019-05-30	5/30/19 19:54		AK/AP
K3077-02DLX50	0.0000	3.1960	0.0000	0.0000	0.0000	0.0000	1.2110	2019-05-30	5/30/19 20:26		AK/AP
K3077-03DLX5	1.7980	4.2340	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-30	5/30/19 20:58		AK/AP
CCV	1.9150	2.8080	2.9140	9.5850	2.4240	5.4950	13.8270	2019-05-30	5/30/19 22:02		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-30	5/30/19 22:34		AK/AP
CCV	1.9380	2.7470	2.8520	9.1360	2.3190	5.4960	13.8080	2019-05-31	5/31/19 9:53		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-31	5/31/19 10:25		AK/AP
LB103087BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-31	5/31/19 10:57		AK/AP
LB103087BSW2	1.9410	2.7160	2.8410	9.1580	2.3000	5.4740	13.7510	2019-05-31	5/31/19 12:03		AK/AP
K3128-01	0.0000	91.6590	0.0000	0.0000	0.0000	0.0000	41.6780	2019-05-31	5/31/19 12:36		AK/AP

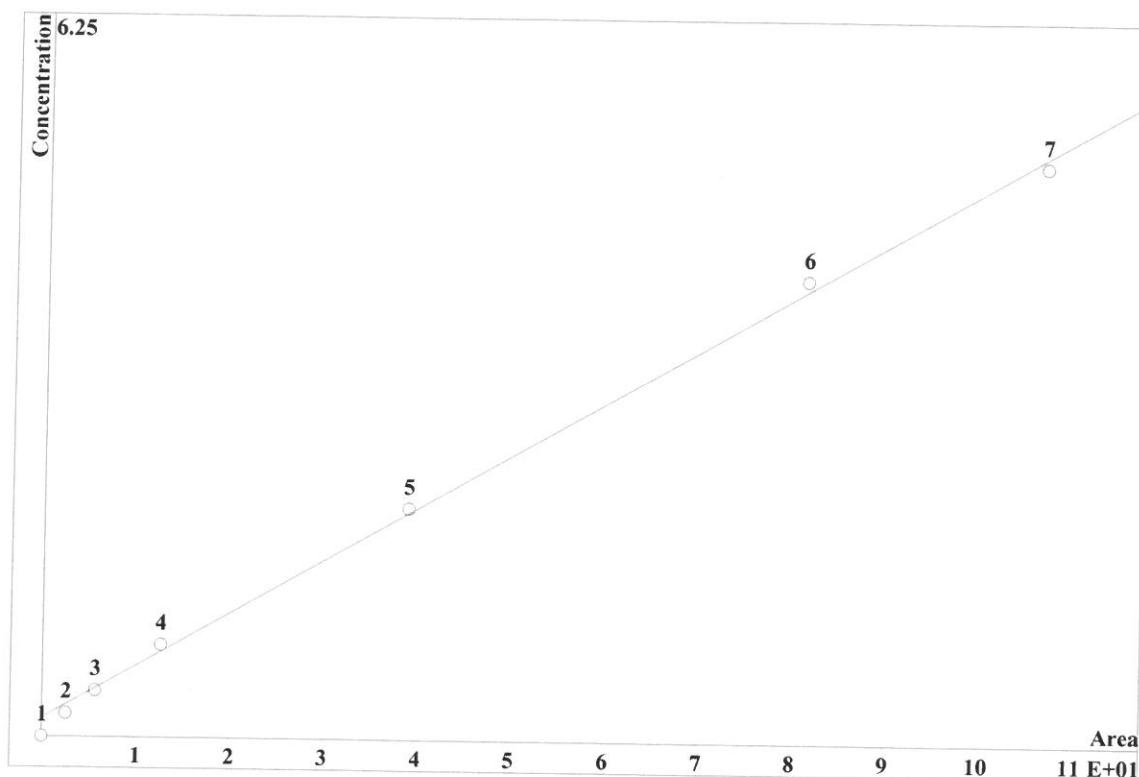
IC-4 300.0
06/03/19

K3128-02	0.0000	13.3090	0.0000	0.0000	0.0000	0.0000	0.0000	25.8710	2019-05-31	5/31/19 13:08	AK/AP
K3128-03	0.2660	41.2510	0.0000	0.0000	0.0000	0.0000	0.0000	38.0130	2019-05-31	5/31/19 13:40	AK/AP
K3128-03DUP	0.3030	41.2800	0.0000	0.0000	0.0000	0.0000	0.0000	38.1760	2019-05-31	5/31/19 14:12	AK/AP
K3128-03MS	2.4280	40.7770	2.5610	9.9450	2.5120	7.4910	7.4910	51.7530	2019-05-31	5/31/19 14:44	AK/AP
K3128-03MSD	2.2160	40.8390	2.4760	9.6330	2.4070	7.4730	7.4730	51.1290	2019-05-31	5/31/19 15:15	AK/AP
CCV	1.9190	2.8400	2.9660	9.2010	2.3320	5.4820	5.4820	13.9380	2019-05-31	5/31/19 15:47	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-31	5/31/19 16:20	AK/AP
K3145-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-31	5/31/19 17:07	AK/AP
K3145-02	1.1220	7.6640	0.0000	0.0000	4.6250	0.0000	0.0000	14.4900	2019-05-31	5/31/19 17:39	AK/AP
K3145-03	1.4280	7.6800	0.0000	0.0000	4.5740	0.0000	0.0000	14.7380	2019-05-31	5/31/19 18:11	AK/AP
K3094-01DLX2	0.0000	4.0740	0.0000	0.0000	0.0000	0.0000	0.0000	28.9900	2019-05-31	5/31/19 18:43	AK/AP
K3094-02DLX5	0.2700	4.9440	0.0000	0.0000	0.0000	0.0000	0.0000	9.0380	2019-05-31	5/31/19 19:15	AK/AP
K3094-03DLX5	1.6800	3.3210	0.0000	0.0000	0.0000	0.0000	0.0000	1.2340	2019-05-31	5/31/19 19:46	AK/AP
K3128-01DLX2	0.0000	43.0140	0.0000	0.0000	0.0000	0.0000	0.0000	19.9050	2019-05-31	5/31/19 20:18	AK/AP
K3128-01DL2X20	0.0000	3.3110	0.0000	0.0000	0.0000	0.0000	0.0000	2.4280	2019-05-31	5/31/19 20:50	AK/AP
K3128-02DLX2	0.3180	6.3460	0.0000	0.0000	0.0000	0.0000	0.0000	12.6710	2019-05-31	5/31/19 21:22	AK/AP
K3128-03DLX2	0.0000	19.3110	0.0000	0.0000	0.0000	0.0000	0.0000	18.2780	2019-05-31	5/31/19 21:54	AK/AP
CCV	1.9110	2.7870	2.9120	9.3350	2.3650	5.3390	5.3390	14.1190	2019-05-31	5/31/19 22:26	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-31	5/31/19 22:58	AK/AP
K3128-03DL2X10	0.0000	3.3050	0.0000	0.0000	0.0000	0.0000	0.0000	3.8900	2019-05-31	5/31/19 23:30	AK/AP
CCV	2.0470	2.7850	2.9260	9.3660	2.3570	5.6020	5.6020	14.2520	2019-06-01	6/1/19 0:02	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-01	6/1/19 0:34	AK/AP
CCV	1.9640	2.8750	3.0150	9.7110	2.4420	5.0120	5.0120	14.4220	2019-06-03	6/3/19 8:13	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-03	6/3/19 8:51	AK/AP
LB103087BLW3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-03	6/3/19 9:24	AK/AP
LB103087BSW3	2.1030	2.7780	2.9080	9.5050	2.4120	5.5330	5.5330	15.2580	2019-06-03	6/3/19 9:56	AK/AP
K3145-02DLX2	0.8990	3.7830	0.0000	0.0000	2.3140	0.0000	0.0000	7.5950	2019-06-03	6/3/19 10:27	AK/AP
K3145-03DLX2	0.6820	3.9480	0.0000	0.0000	2.2910	0.0000	0.0000	7.5760	2019-06-03	6/3/19 10:59	AK/AP
CCV	2.0330	2.8740	3.0470	9.6840	2.4490	5.2080	5.2080	14.3980	2019-06-03	6/3/19 11:31	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-03	6/3/19 12:03	AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 0.922718 \cdot A + 3.24068$
 RSD: 3.945 %
 Correlation coefficient: 0.999342

IC-1 Cal
 05/23/19
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K3 = 0 K2 = 0 K1 = 0.922718 K0 = 3.24068

Base: Area

Ref.channel: Cond

ISTD:

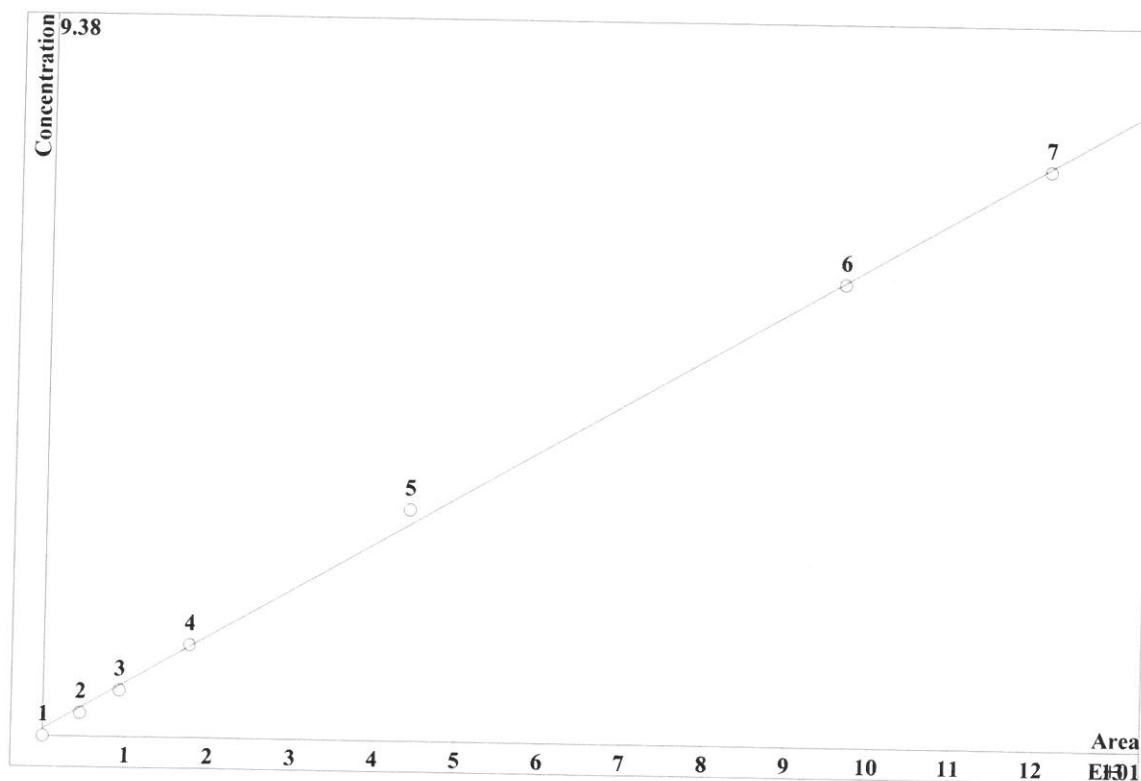
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.09404	2.523	0.2	20	5.998		Yes
3	0.1831	5.636	0.4	20	5.998		Yes
4	0.4097	12.57	0.8	20	5.998		Yes
5	1.062	38.97	2	20	5.998		Yes
6	2.238	81.29	4	20	5.998		Yes
7	3.062	106.7	5	20	5.998		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 1.23012 \cdot A + 1.93148$
 RSD: 3.595 %
 Correlation coefficient: 0.999454



K3 = 0 K2 = 0 K1 = 1.23012 K0 = 1.93148

Base: Area

Ref.channel: Cond

ISTD:

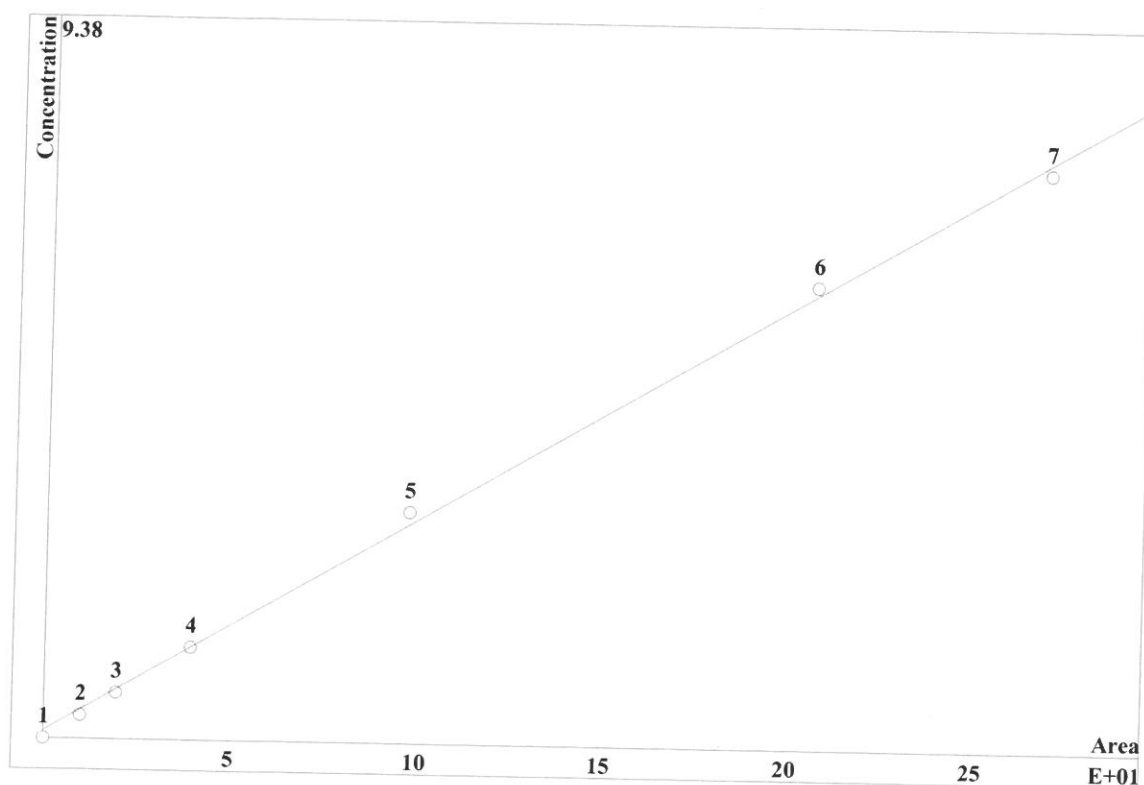
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.3926	4.488	0.3	20	9.288		Yes
3	0.7633	9.245	0.6	20	9.288		Yes
4	1.534	17.7	1.2	20	9.288		Yes
5	3.8	44.06	3	20	9.288		Yes
6	8.271	96.39	6	20	9.288		Yes
7	10.78	121.1	7.5	20	9.288		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 0.560443 \cdot A + 2.03838$
 RSD: 4.138 %
 Correlation coefficient: 0.999276

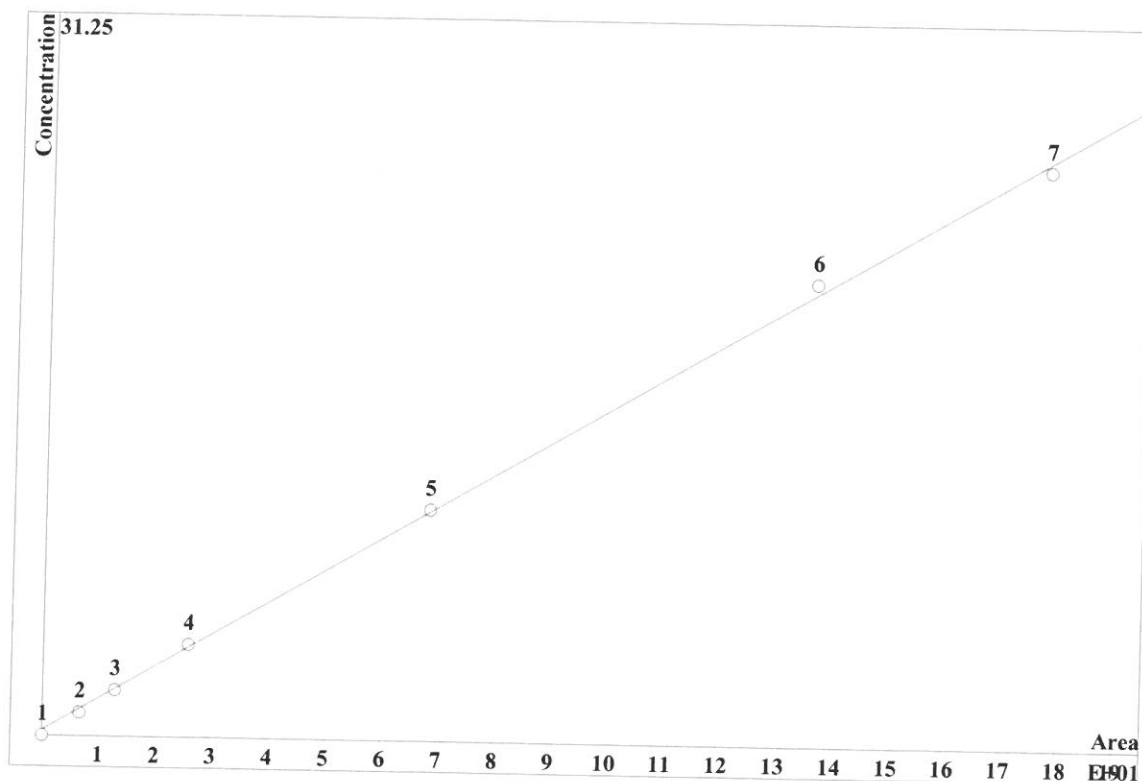


K3 = 0 K2 = 0 K1 = 0.560443 K0 = 2.03838
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.6911	9.935	0.3	20	11.29		Yes
3	1.326	19.51	0.6	20	11.29		Yes
4	2.61	39.46	1.2	20	11.29		Yes
5	6.08	97.61	3	20	11.29		Yes
6	11.86	206.6	6	20	11.29		Yes
7	14.88	268.9	7.5	20	11.29		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 2.83423 \cdot A + 4.8869$
 RSD: 3.055 %
 Correlation coefficient: 0.999606

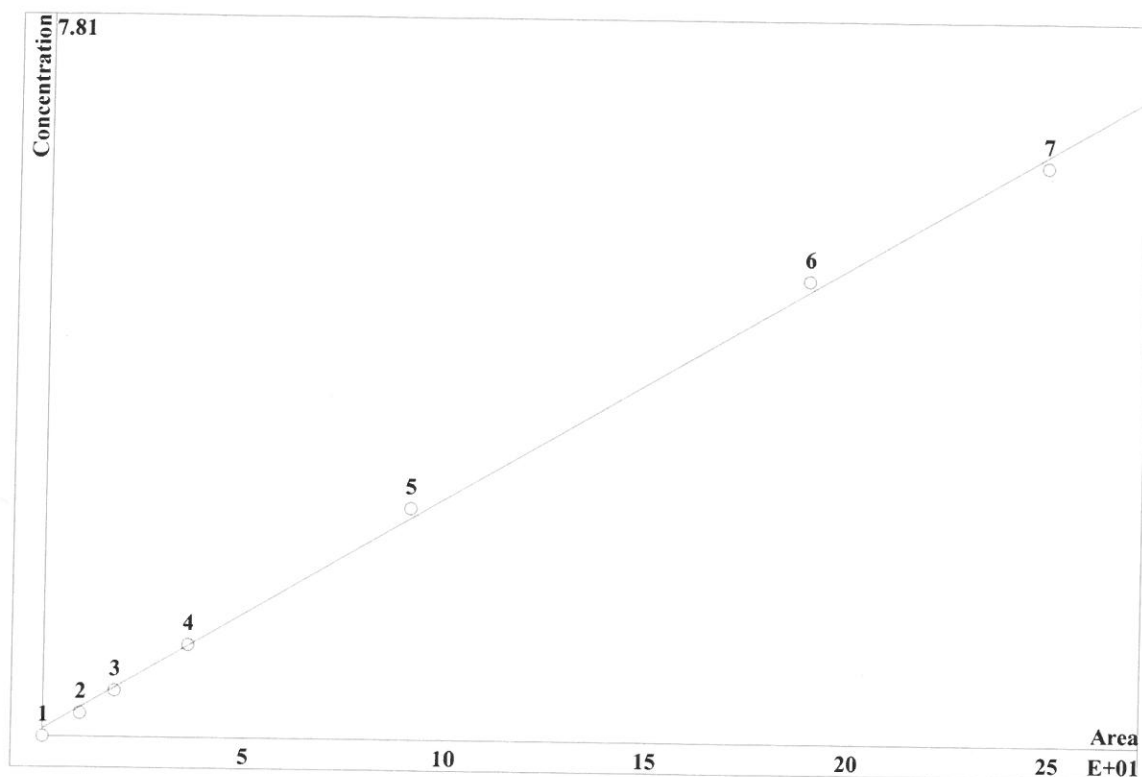


K3 = 0 K2 = 0 K1 = 2.83423 K0 = 4.8869
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.3706		6.572	1	20	14.64		Yes
3	0.7283		12.89	2	20	14.64		Yes
4	1.468		25.83	4	20	14.64		Yes
5	3.687		68.27	10	20	14.64		Yes
6	8.086		136.2	20	20	14.64		Yes
7	10.74		177.4	25	20	14.64		Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 0.507461 \cdot A + 1.69823$
 RSD: 4.173 %
 Correlation coefficient: 0.999264



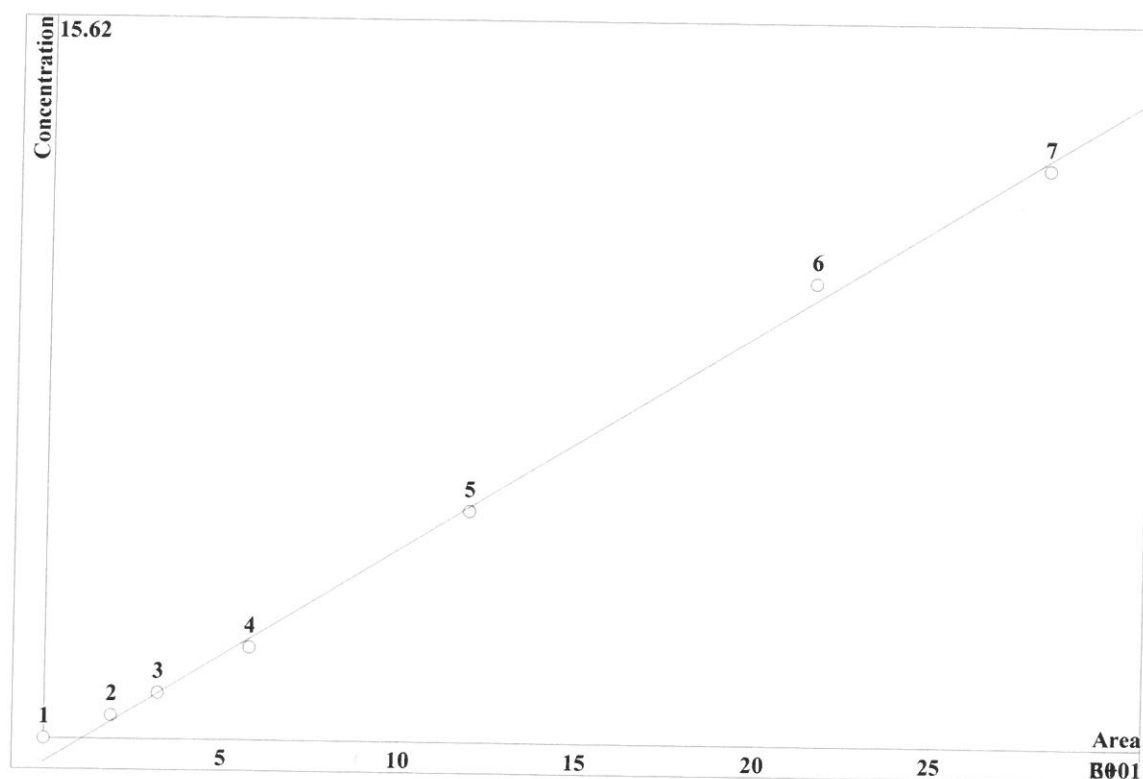
K3 = 0 K2 = 0 K1 = 0.507461 K0 = 1.69823
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.4413	9.187	0.25	20	17.05		Yes
3	0.8578	17.78	0.5	20	17.05		Yes
4	1.708	35.91	1	20	17.05		Yes
5	4.186	90.96	2.5	20	17.05		Yes
6	8.974	189.1	5	20	17.05		Yes
7	11.84	247.9	6.25	20	17.05		Yes

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CALIBRATION OF COMPONENT HPO4

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 0.938552 \cdot A - 10.1883$
 RSD: 4.767 %
 Correlation coefficient: 0.999039

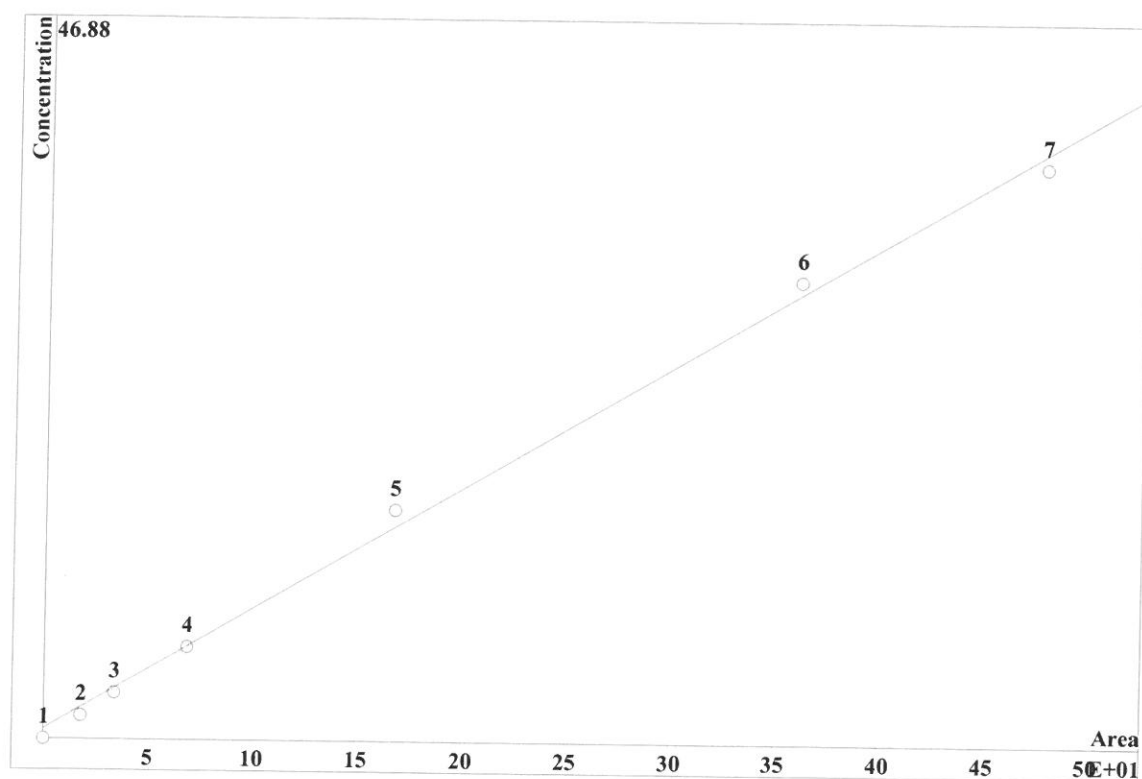


K3 = 0 K2 = 0 K1 = 0.938552 K0 = -10.1883
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.502	18.86	0.5	20	23.3		Yes
3	0.8831	32.01	1	20	23.3		Yes
4	1.68	57.6	2	20	23.3		Yes
5	3.476	119.4	5	20	23.3		Yes
6	6.653	216.1	10	20	23.3		Yes
7	9.062	281.7	12.5	20	23.3		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 1.58082 \cdot A + 13.223$
 RSD: 5.756 %
 Correlation coefficient: 0.998599



K3 = 0 K2 = 0 K1 = 1.58082 K0 = 13.223

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	0.6371	17.78	1.5	20	27.39			Yes
3	1.23	33.84	3	20	27.39			Yes
4	2.468	68.36	6	20	27.39			Yes
5	6.183	167.5	15	20	27.39			Yes
6	13.46	361	30	20	27.39			Yes
7	17.66	478	37.5	20	27.39			Yes

Report date: 5/24/2019 10:57:39 AM
Printed by: wet

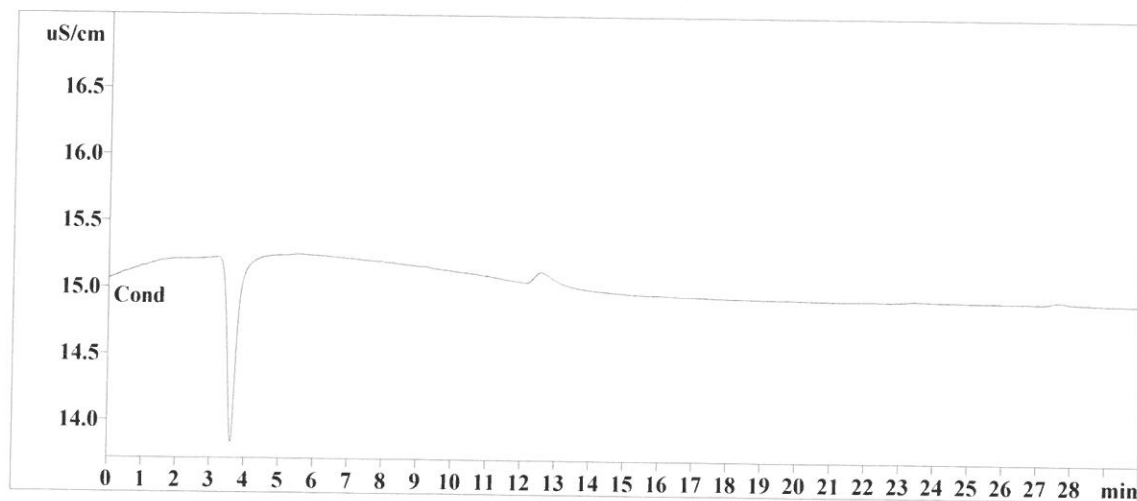
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Analysis from: 5/23/2019 2:53:41 PM
File: _2019-05-23_

Last save: 5/24/2019 8:17:32 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66914

Last save: 5/23/2019 4:29:16 PM

SAMPLE:
:
Vial number: 2
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 5/24/2019 10:57:48 AM
Printed by: wet

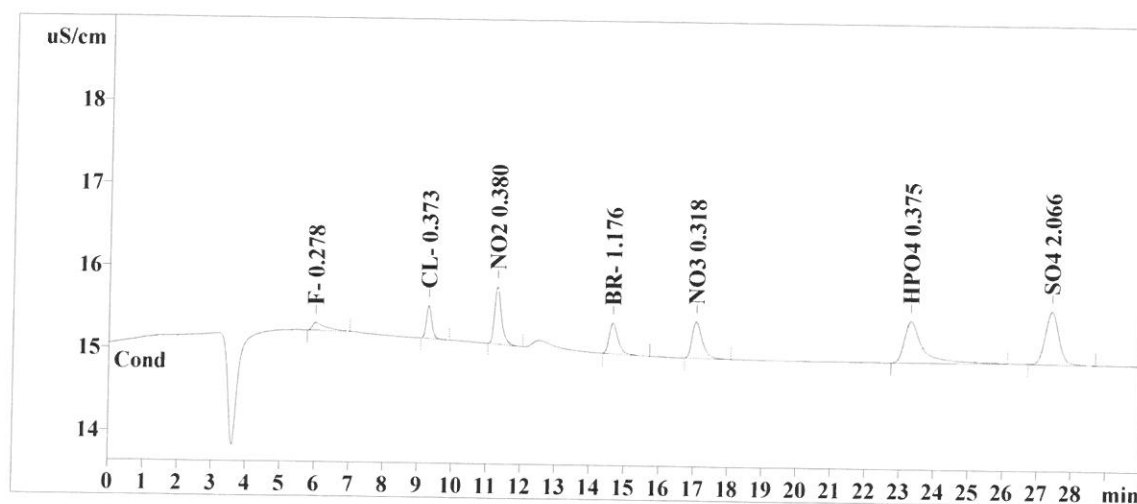
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Analysis from: 5/23/2019 3:26:35 PM
File: _2019-05-23_

Last save: 5/24/2019 8:26:18 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66915

Last save: 5/23/2019 4:29:16 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	6.00	0.370	0.09	2.98	2.523	3.64	0.
2	9.29	0.172	0.39	12.53	4.488	6.47	0.
3	11.29	0.210	0.69	22.08	9.935	14.33	0.
4	14.64	0.263	0.37	11.82	6.572	9.48	0.
5	17.05	0.309	0.44	14.09	9.187	13.25	0.
6	23.30	0.466	0.50	16.04	18.856	27.19	0.
7	27.39	0.424	0.64	20.35	17.777	25.64	0.
7	30.00	0.317	3.13	99.89	69.338	100.00	0.

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Report date: 5/24/2019 10:57:57 AM
Printed by: wet

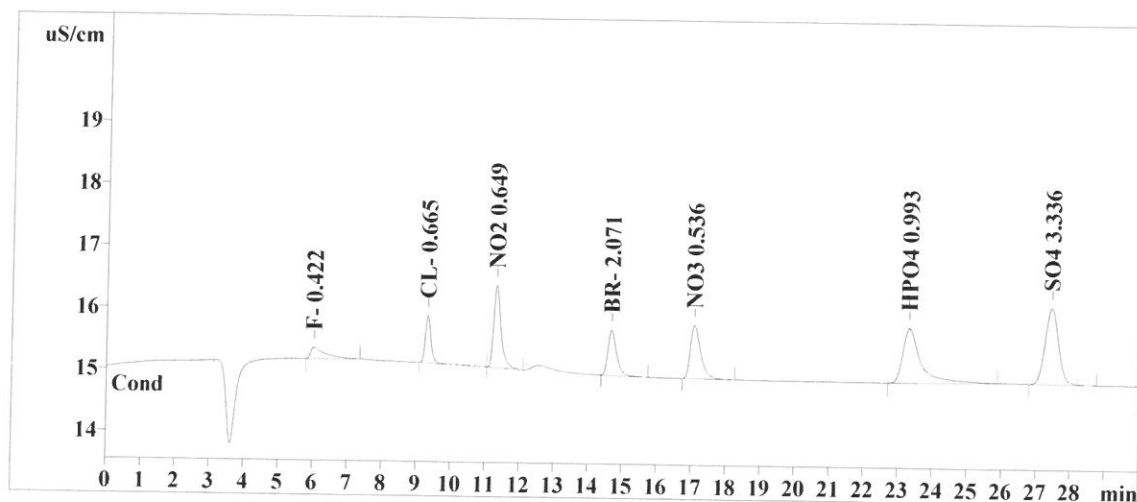
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Analysis from: 5/23/2019 3:59:29 PM
File: _2019-05-23_

Last save: 5/24/2019 8:26:18 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66916

Last save: 5/23/2019 4:29:16 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	6.02	0.410	0.18	3.05	5.636	4.31	0.
2	9.30	0.173	0.76	12.78	9.245	7.06	0.
3	11.30	0.212	1.33	22.20	19.511	14.90	0.
4	14.67	0.262	0.73	12.19	12.889	9.85	0.
5	17.07	0.307	0.86	14.36	17.776	13.58	0.
6	23.31	0.458	0.88	14.78	32.006	24.45	0.
7	27.42	0.421	1.23	20.60	33.838	25.85	0.
7	30.00	0.320	5.97	99.96	130.901	100.00	0.

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 Printed by: wet

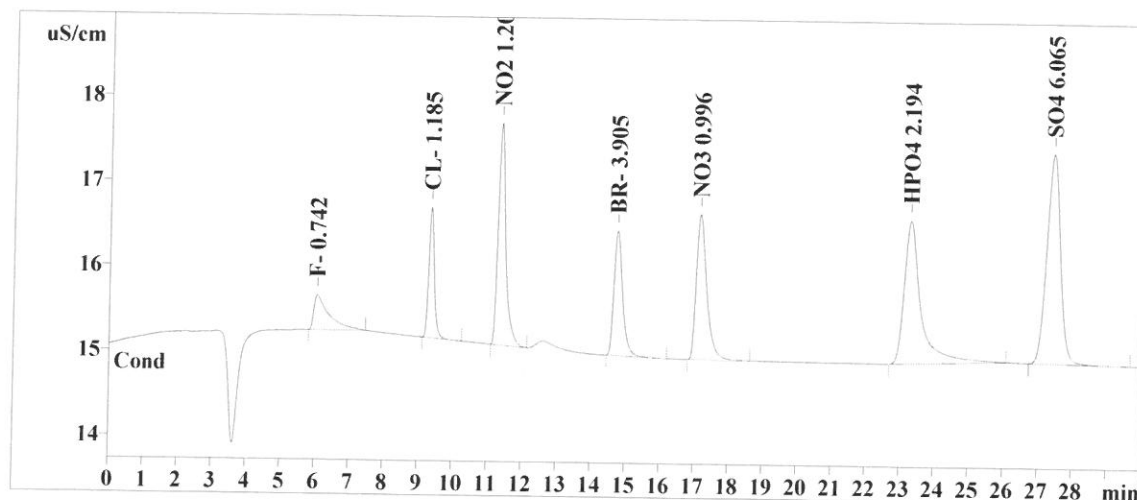
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Last save: 5/24/2019 8:26:18 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 66917

Last save: 5/23/2019 4:29:16 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	6.04	0.402	0.41	3.45	12.573	4.88	0.
2	9.34	0.172	1.53	12.92	17.704	6.88	0.
3	11.35	0.217	2.61	21.97	39.464	15.33	0.
4	14.73	0.261	1.47	12.35	25.834	10.03	0.
5	17.14	0.309	1.71	14.38	35.913	13.95	0.
6	23.28	0.438	1.68	14.14	57.604	22.37	0.
7	27.39	0.423	2.47	20.77	68.363	26.55	0.
7	30.00	0.317	11.88	99.98	257.455	100.00	0.

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Report date: 5/24/2019 10:58:10 AM
Printed by: wet

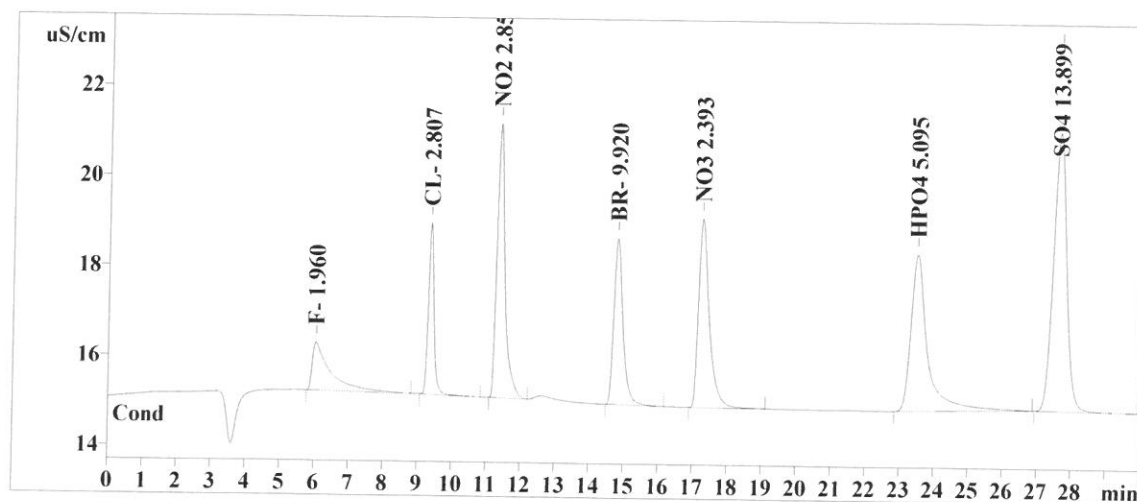
Ident: STD5
Analysis from: 5/23/2019 5:05:16 PM
File: _2019-05-23_

Last save: 5/24/2019 8:26:18 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66918

Last save: 5/23/2019 4:29:16 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	6.03	0.435	1.06	3.73	38.967	6.21	0.
2	9.35	0.170	3.80	13.34	44.065	7.02	0.
3	11.35	0.229	6.08	21.36	98.103	15.64	0.
4	14.79	0.272	3.69	12.95	68.274	10.88	0.
5	17.24	0.315	4.19	14.70	90.961	14.50	0.
6	23.48	0.435	3.48	12.21	119.417	19.04	0.
7	27.61	0.413	6.18	21.71	167.481	26.70	0.
7	30.00	0.324	28.48	100.00	627.269	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/24/2019 10:58:16 AM
Printed by: wet

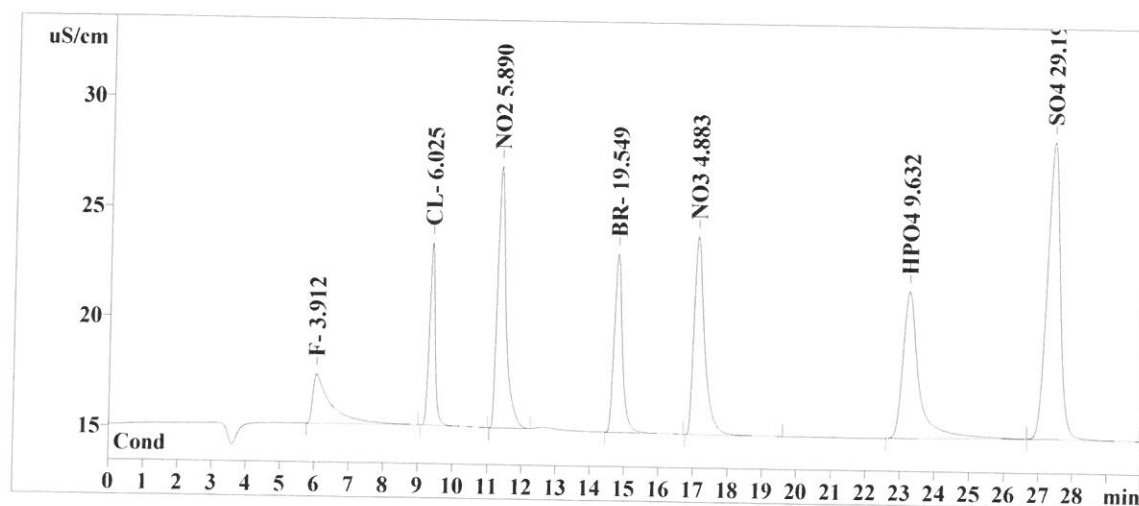
Ident: STD6
Analysis from: 5/23/2019 5:38:10 PM
File: _2019-05-23_

Last save: 5/24/2019 8:26:20 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66919

Last save: 5/23/2019 4:29:16 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	6.04	0.427	2.24	3.76	81.286	6.32	0.
2	9.35	0.172	8.27	13.89	96.390	7.49	0.
3	11.31	0.248	11.86	19.92	206.568	16.05	0.
4	14.75	0.247	8.09	13.58	136.226	10.59	0.
5	17.07	0.304	8.97	15.07	189.101	14.70	0.
6	23.21	0.415	6.65	11.17	216.101	16.80	0.
7	27.34	0.407	13.46	22.61	360.986	28.06	0.
7	30.00	0.317	59.55	100.00	1286.659	100.00	0.

This report has been created by IC Net
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Report date: 5/24/2019 10:58:24 AM
 Printed by: wet

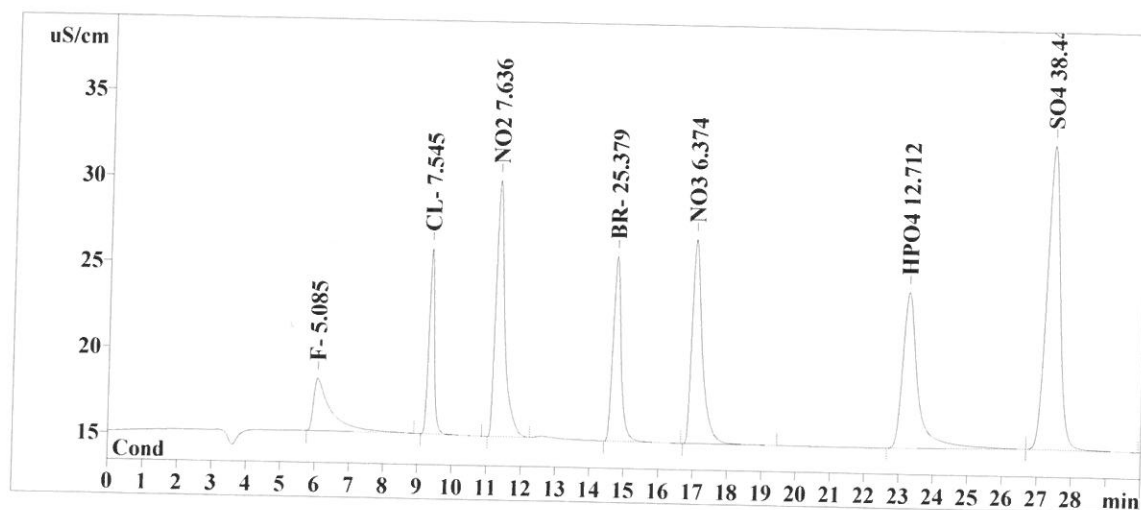
Ident: STD7
 Analysis from: 5/23/2019 6:11:04 PM
 File: _2019-05-23_

Last save: 5/24/2019 8:27:02 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 66920

Last save: 5/23/2019 4:29:16 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	6.05	0.421	3.06	3.92	106.712	6.35	0.
2	9.34	0.166	10.78	13.82	121.096	7.20	0.
3	11.28	0.257	14.88	19.07	268.851	15.99	0.
4	14.72	0.243	10.74	13.77	177.368	10.55	0.
5	17.01	0.300	11.84	15.18	247.866	14.74	0.
6	23.23	0.405	9.06	11.61	281.741	16.75	0.
7	27.36	0.412	17.66	22.63	477.972	28.42	0.
7	30.00	0.315	78.03	100.00	1681.607	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 5/24/2019 10:59:20 AM
 Printed by: wet

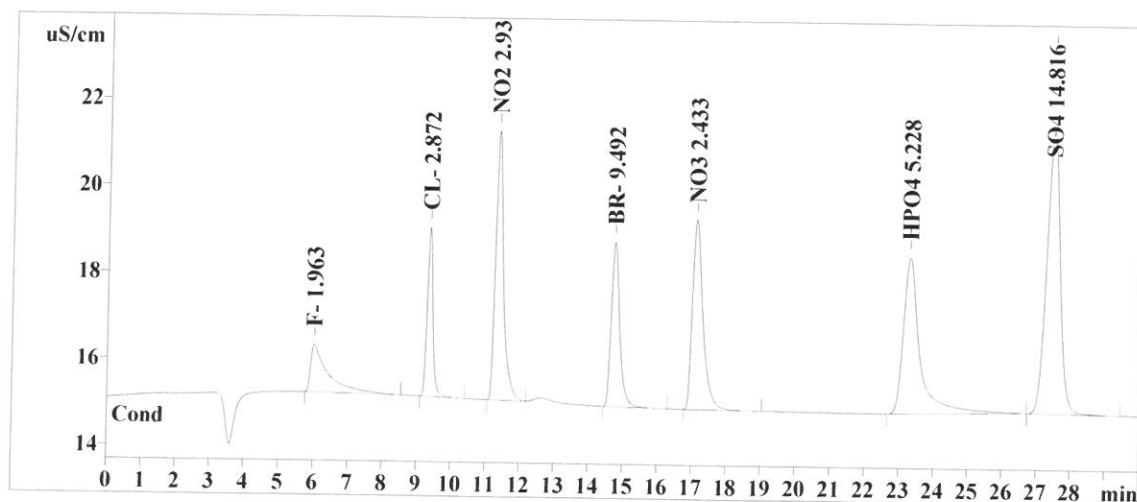
Ident: ICV
 Analysis from: 5/23/2019 6:43:57 PM
 File: _2019-05-23_

Last save: 5/24/2019 8:27:02 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 66921

Last save: 5/23/2019 4:29:16 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	6.01	0.417	1.10	3.74	39.045	6.06	0.
2	9.34	0.172	3.90	13.22	45.116	7.00	0.
3	11.33	0.233	6.22	21.06	100.970	15.67	0.
4	14.73	0.254	3.80	12.87	65.260	10.13	0.
5	17.09	0.308	4.38	14.84	92.524	14.36	0.
6	23.27	0.425	3.61	12.22	122.263	18.98	0.
7	27.42	0.420	6.51	22.05	179.084	27.80	0.
7	30.00	0.318	29.52	100.00	644.263	100.00	0.

This report has been created by IC Net
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Report date: 5/24/2019 10:59:29 AM
Printed by: wet

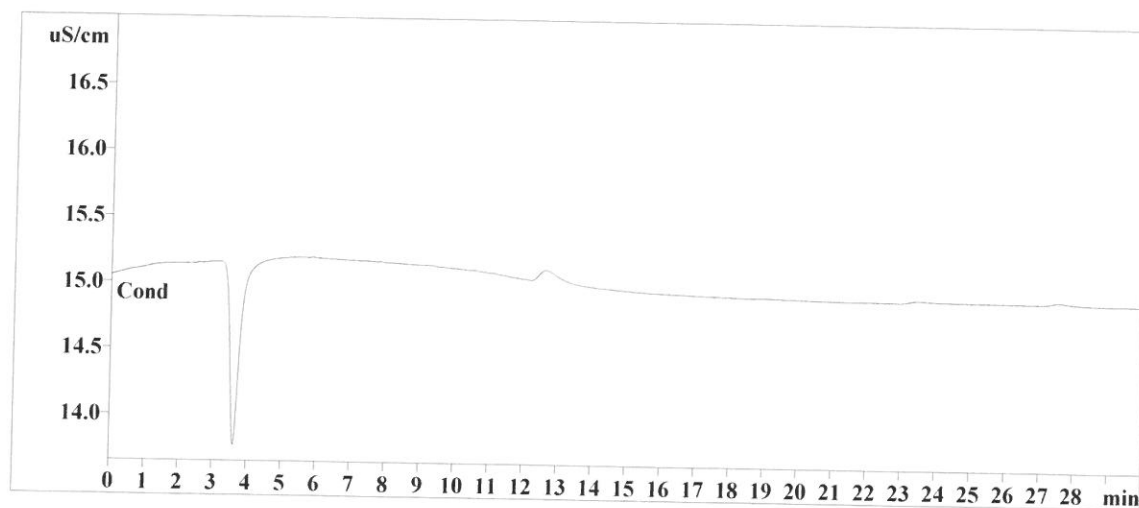
Ident: ICB
Analysis from: 5/23/2019 7:16:51 PM
File: _2019-05-23_

Last save: 5/24/2019 8:27:02 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66922

Last save: 5/23/2019 4:29:16 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: 5/31/2019 8:23:11 AM
 Printed by: wet

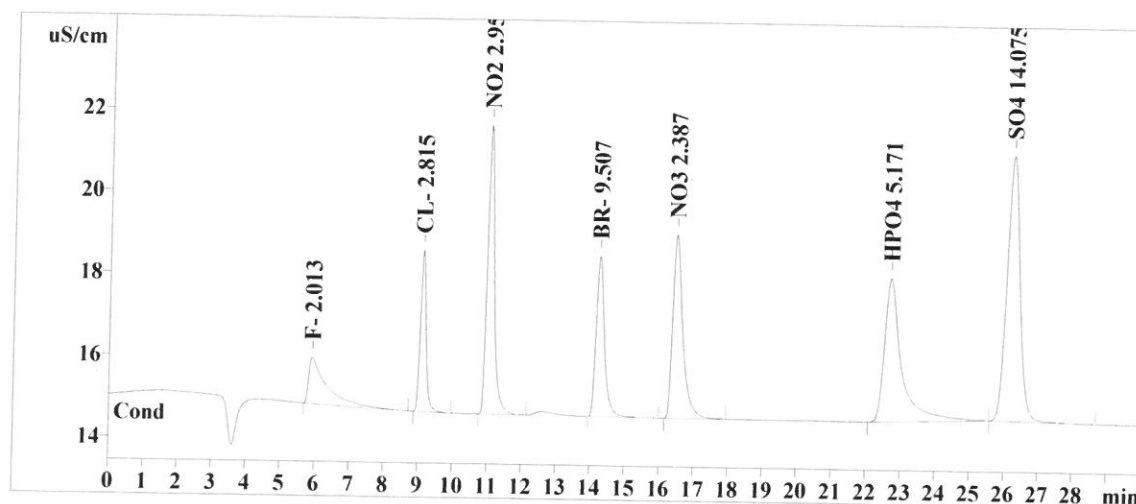
Ident: CCV
 Analysis from: 5/30/2019 8:43:56 AM
 File: _2019-05-30_

Last save: 5/30/2019 9:13:44 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 66986

Last save: 5/24/2019 8:26:32 AM

SAMPLE:
 : AK/AP
 Vial number: 2
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.92	0.434	1.12	3.70	40.121	6.34	0.
2	9.10	0.166	3.92	12.91	44.193	6.98	0.
3	11.02	0.212	7.02	23.14	101.967	16.11	0.
4	14.23	0.245	3.89	12.84	65.360	10.32	0.
5	16.46	0.295	4.46	14.70	90.720	14.33	0.
6	22.68	0.438	3.48	11.46	121.042	19.12	0.
7	26.20	0.400	6.44	21.24	169.710	26.81	0.
7	30.00	0.313	30.32	99.99	633.113	100.00	0.

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Report date: 5/31/2019 8:23:18 AM
Printed by: wet

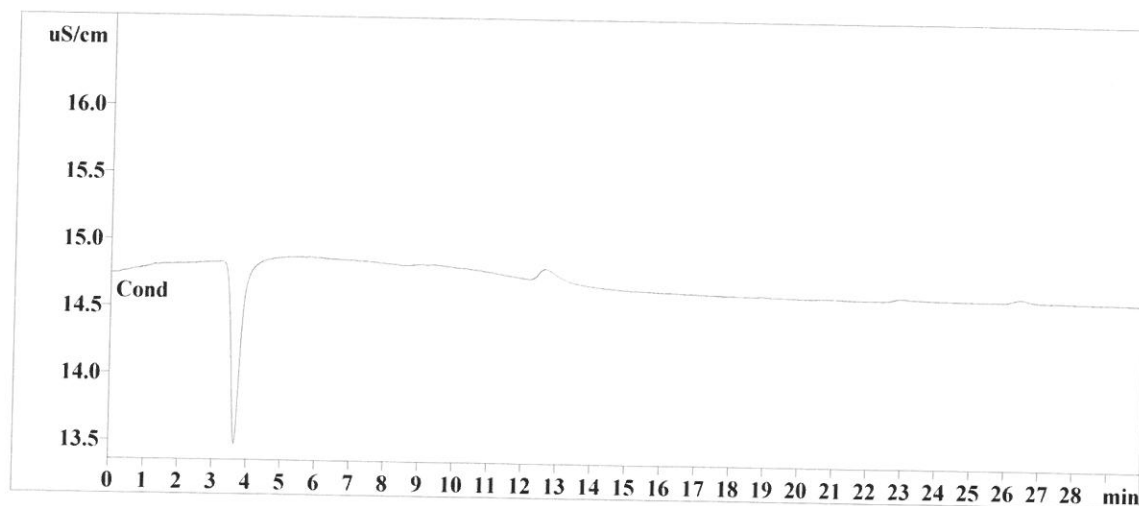
Ident: CCB
Analysis from: 5/30/2019 9:18:47 AM
File: _2019-05-30_

Last save: 5/30/2019 9:48:34 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66989

Last save: 5/24/2019 8:26:32 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2019 8:24:22 AM
Printed by: wet

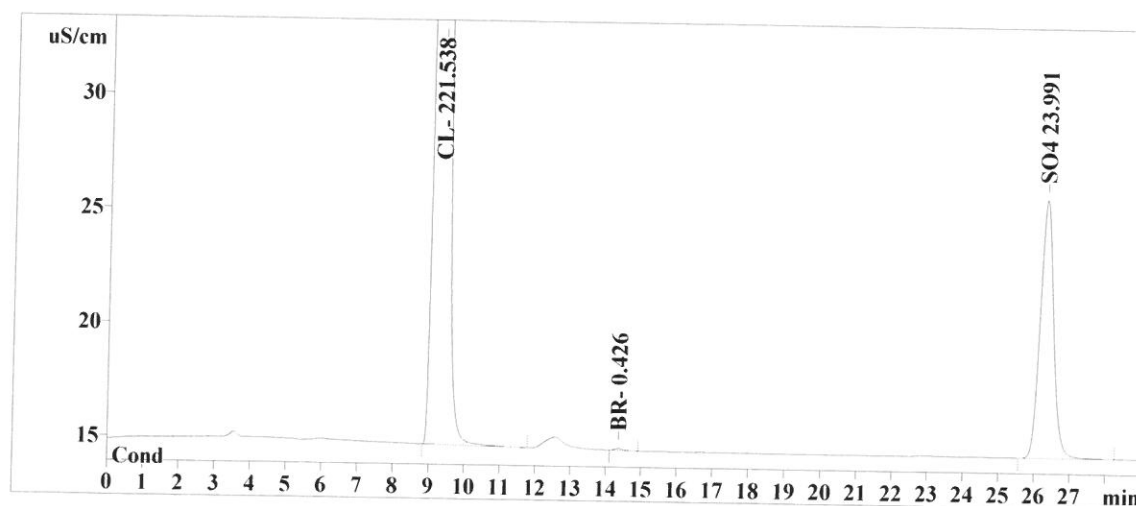
Ident: K3077-01
Analysis from: 5/30/2019 9:51:40 AM
File: _2019-05-30_

Last save: 5/31/2019 8:24:22 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66990

Last save: 5/30/2019 10:19:38 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.31	0.254	221.87	95.12	3600.316	92.39	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.36	0.244	0.08	0.03	1.282	0.03	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	26.28	0.397	11.28	4.83	295.162	7.57	0.
7	29.00	0.128	233.23	99.98	3896.760	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2019 8:25:02 AM
Printed by: wet

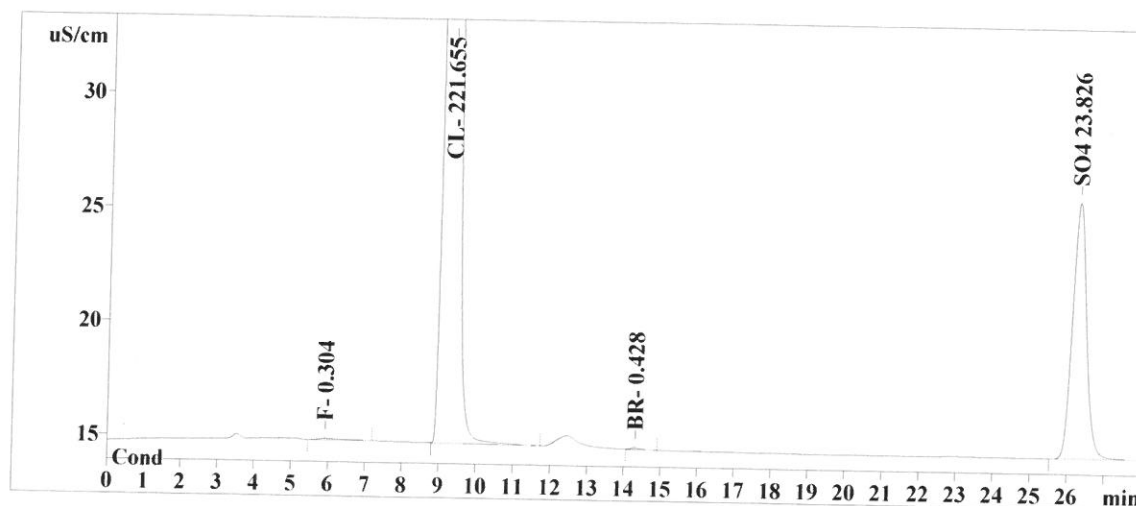
Ident: K3077-02
Analysis from: 5/30/2019 10:23:35 AM
File: _2019-05-30_

Last save: 5/31/2019 8:25:02 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66991

Last save: 5/30/2019 10:20:56 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.92	0.686	0.07	0.03	3.071	0.08	0.
2	9.29	0.254	222.24	95.10	3602.226	92.37	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.30	0.244	0.08	0.03	1.295	0.03	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	26.26	0.395	11.23	4.80	293.079	7.52	0.
7	28.00	0.226	233.62	99.97	3899.671	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 12:37:46 PM
 Printed by: wet

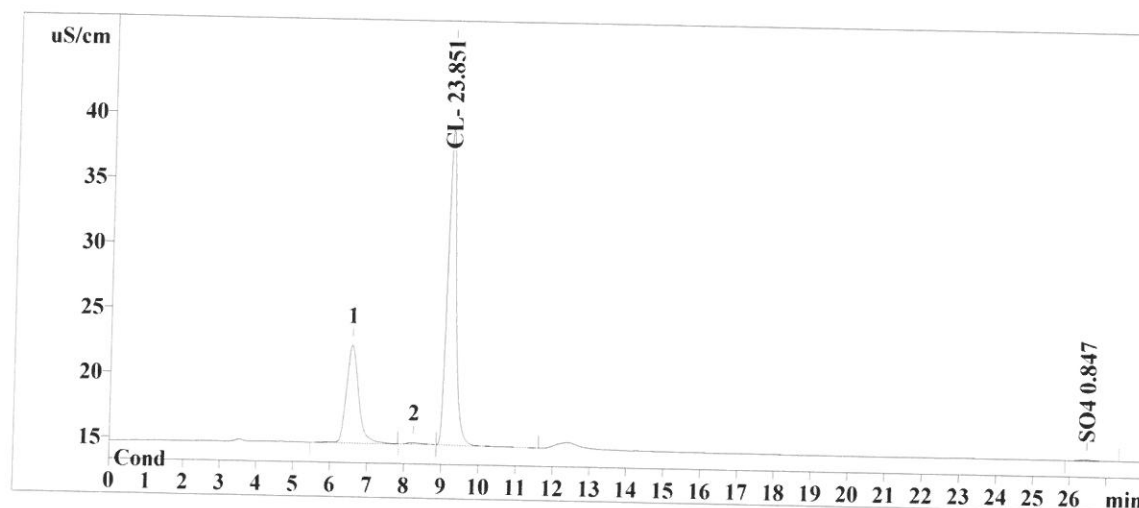
Ident: K3077-03
 Analysis from: 5/30/2019 10:54:29 AM
 File: _2019-05-30_

Last save: 6/3/2019 12:37:42 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 66992

Last save: 5/30/2019 10:20:56 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	7.64	23.80	172.925	30.80	0.
2	9.17	0.235	24.39	75.95	386.205	68.78	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	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	26.45	0.453	0.08	0.24	2.346	0.42	0.
7	28.00	0.098	32.11	100.00	561.477	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 5/31/2019 8:25:26 AM
Printed by: wet

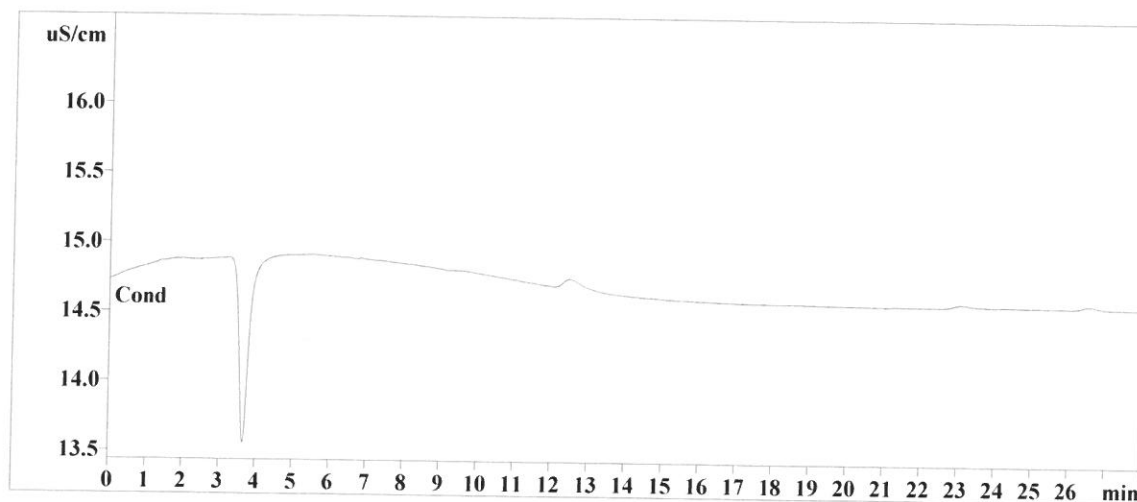
Ident: LB103087BLW
Analysis from: 5/30/2019 11:25:24 AM
File: _2019-05-30_

Last save: 5/30/2019 3:08:50 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66993

Last save: 5/30/2019 10:20:56 AM

SAMPLE:
:
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: 5/31/2019 8:25:36 AM
Printed by: wet

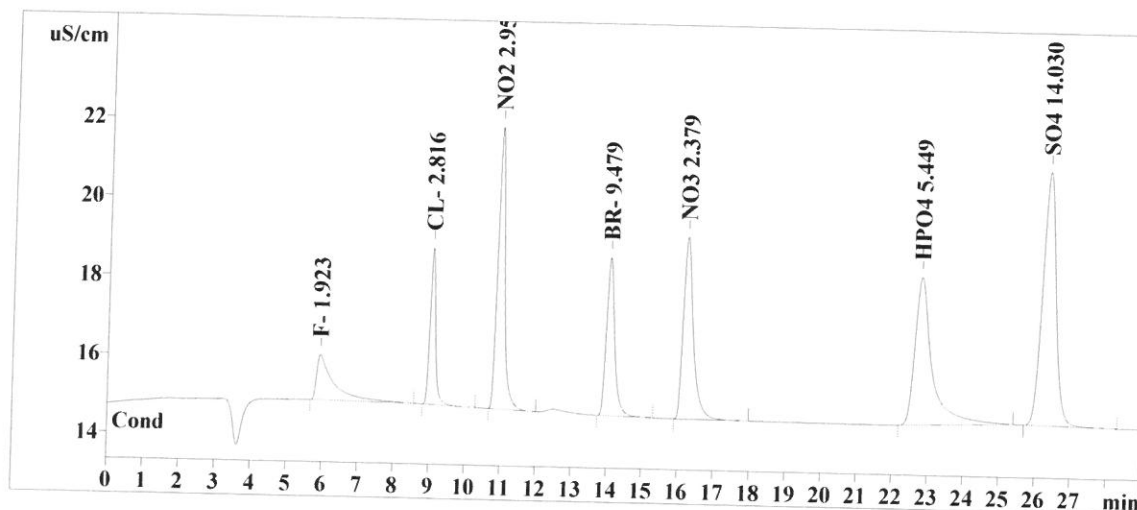
Ident: LB103087BSW
Analysis from: 5/30/2019 3:04:48 PM
File: _2019-05-30_

Last save: 5/31/2019 8:23:04 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66999

Last save: 5/30/2019 2:14:16 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	5.92	0.395	1.14	3.68	38.177	6.01	0.
2	9.04	0.164	3.96	12.78	44.212	6.95	0.
3	10.92	0.208	7.13	23.02	101.621	15.99	0.
4	14.04	0.240	4.00	12.90	65.165	10.25	0.
5	16.19	0.285	4.60	14.84	90.410	14.22	0.
6	22.77	0.433	3.73	12.03	126.976	19.97	0.
7	26.31	0.401	6.42	20.72	169.135	26.61	0.
7	29.00	0.304	30.98	99.99	635.697	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2019 8:26:23 AM
Printed by: wet

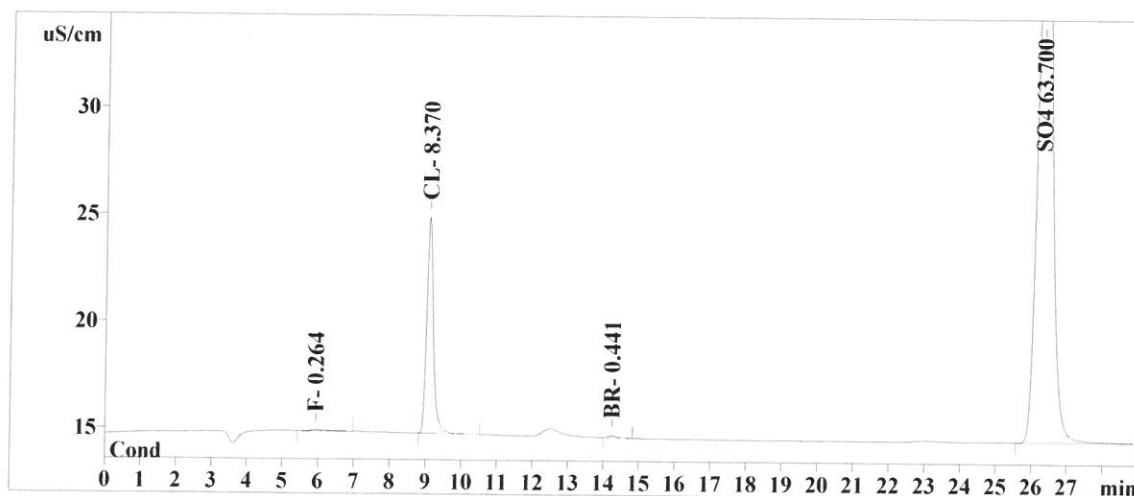
Ident: K3094-01
Analysis from: 5/30/2019 3:38:19 PM
File: _2019-05-30_

Last save: 5/31/2019 8:26:16 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67000

Last save: 5/30/2019 2:14:16 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	5.94	0.548	0.06	0.15	2.217	0.24	0.
2	9.08	0.195	10.10	25.47	134.518	14.38	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.25	0.247	0.08	0.21	1.387	0.15	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	26.28	0.414	29.39	74.16	797.541	85.24	0.
7	29.00	0.201	39.63	100.00	935.663	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2019 8:26:33 AM
Printed by: wet

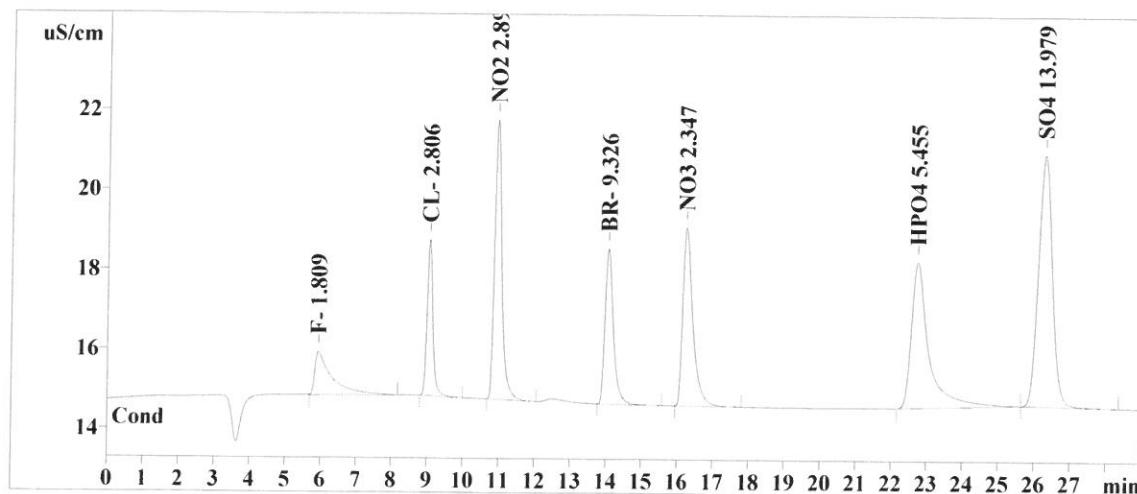
Ident: CCV
Analysis from: 5/30/2019 4:11:02 PM
File: _2019-05-30_

Last save: 5/30/2019 4:39:50 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67001

Last save: 5/30/2019 2:14:16 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	5.93	0.408	1.07	3.55	35.701	5.68	0.
2	9.05	0.165	3.91	12.91	44.047	7.01	0.
3	10.93	0.208	7.01	23.12	99.573	15.85	0.
4	14.05	0.242	3.89	12.82	64.087	10.20	0.
5	16.24	0.290	4.47	14.75	89.138	14.19	0.
6	22.73	0.437	3.65	12.06	127.091	20.23	0.
7	26.27	0.408	6.30	20.79	168.490	26.82	0.
7	29.00	0.308	30.30	99.99	628.127	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2019 8:26:54 AM
Printed by: wet

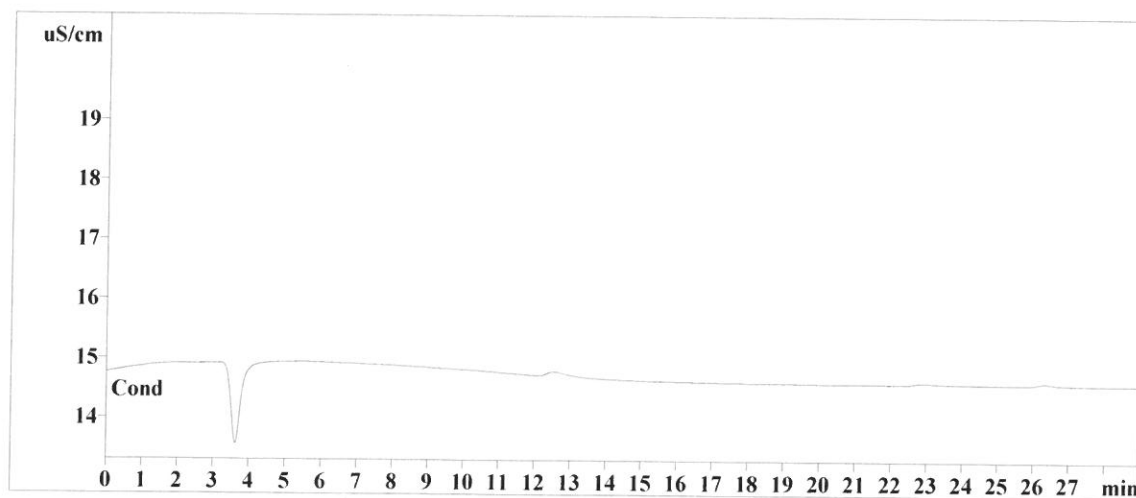
Ident: CCB
Analysis from: 5/30/2019 4:43:28 PM
File: _2019-05-30_

Last save: 5/31/2019 8:26:56 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67002

Last save: 5/30/2019 2:14:16 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: 6/3/2019 12:38:33 PM
Printed by: wet

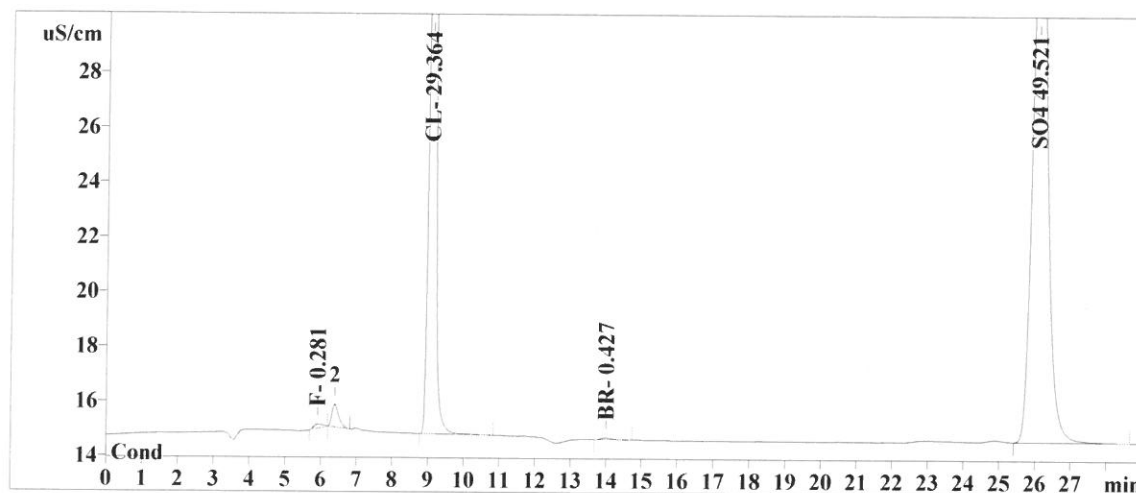
Ident: K3094-02
Analysis from: 5/30/2019 5:15:22 PM
File: _2019-05-30_

Last save: 6/3/2019 12:38:32 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67003

Last save: 5/30/2019 2:14:16 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	5.89	0.277	0.16	0.23	2.576	0.23	0.
2	9.07	0.154	45.97	66.44	475.850	42.90	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.00	0.327	0.06	0.08	1.291	0.12	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.05	0.420	22.17	32.05	618.160	55.73	0.
7	29.00	0.168	68.36	98.80	1097.877	98.97	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 12:38:58 PM
 Printed by: wet

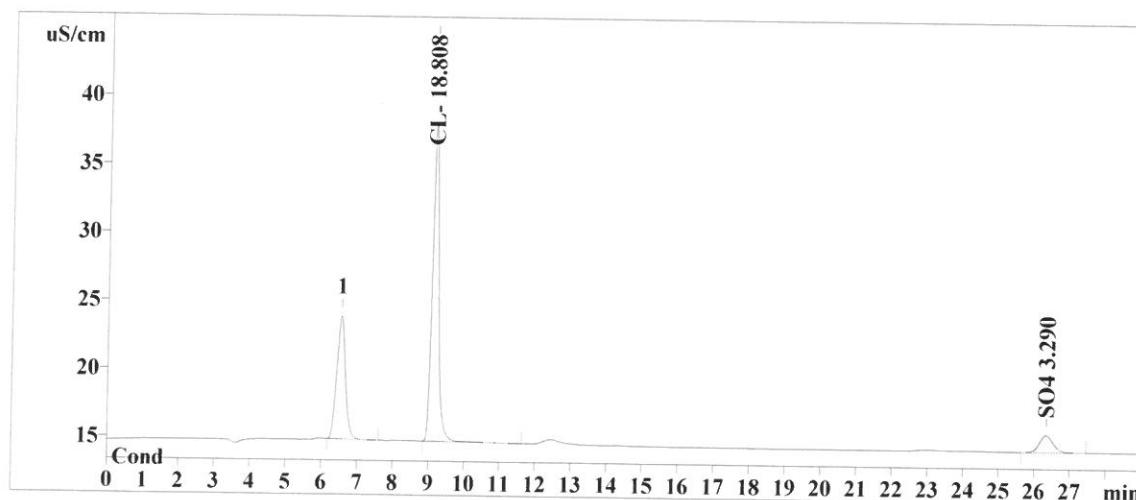
Ident: K3094-03
 Analysis from: 5/30/2019 5:47:16 PM
 File: _2019-05-30_

Last save: 6/3/2019 12:38:58 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67004

Last save: 5/30/2019 2:14:16 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	0.00	0.000	9.02	26.91	149.646	30.72	0.
2	9.13	0.191	23.26	69.36	304.217	62.45	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	26.34	0.408	1.25	3.72	33.263	6.83	0.
7	29.00	0.086	33.53	100.00	487.126	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/3/2019 12:39:25 PM
 Printed by: wet

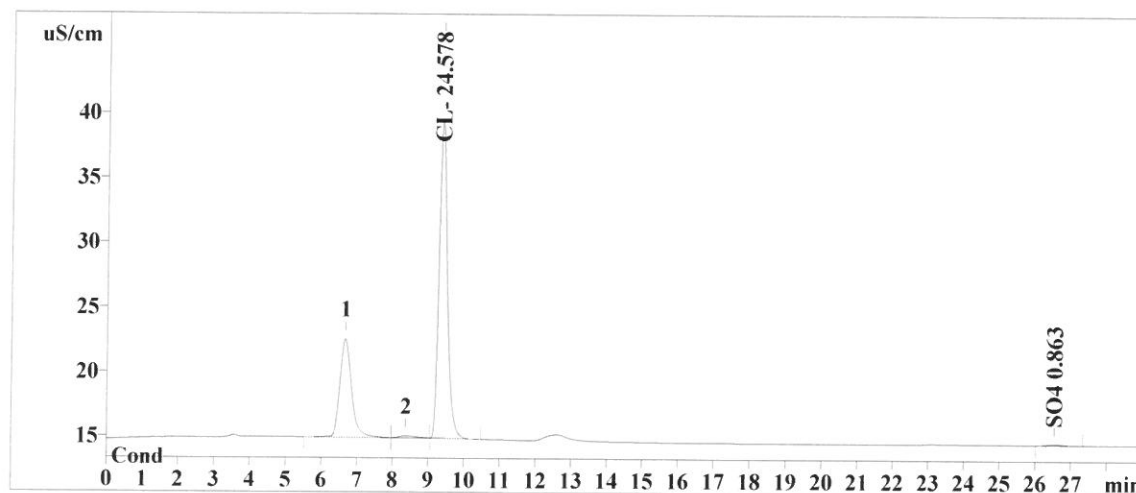
Ident: K3077-03DUP
 Analysis from: 5/30/2019 6:19:10 PM
 File: _2019-05-30_

Last save: 6/3/2019 12:39:24 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67005

Last save: 5/30/2019 2:14:16 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	7.76	23.95	177.451	30.70	0.
2	9.36	0.242	24.56	75.79	398.036	68.86	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	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	26.56	0.449	0.09	0.26	2.555	0.44	0.
7	29.00	0.099	32.40	100.00	578.042	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/3/2019 12:39:47 PM
 Printed by: wet

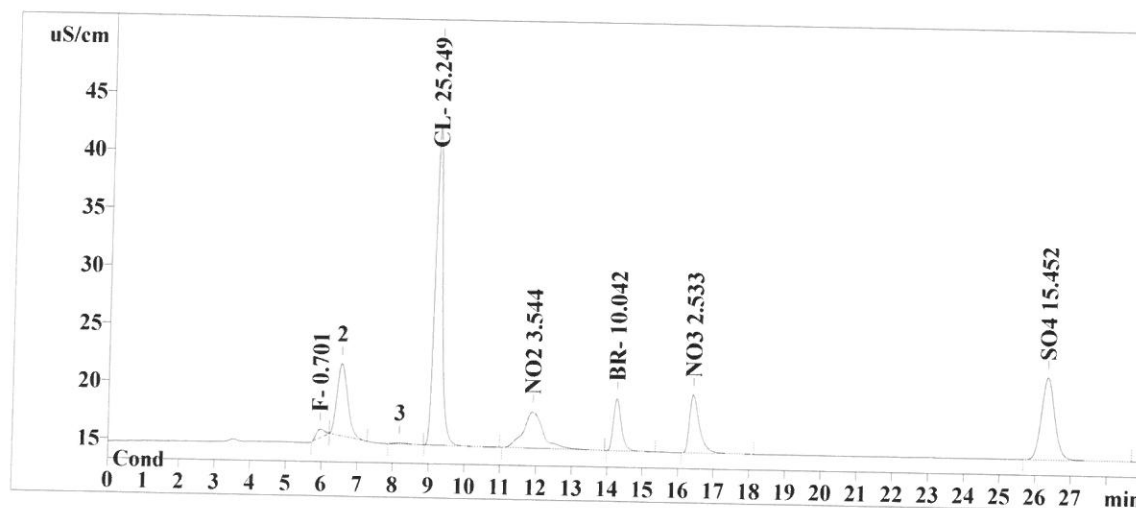
Ident: K3077-03MS
 Analysis from: 5/30/2019 6:51:05 PM
 File: _2019-05-30_

Last save: 6/3/2019 12:39:48 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67006

Last save: 5/30/2019 2:14:16 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	5.94	0.255	0.77	1.41	11.685	1.14	0.
2	9.18	0.220	27.64	50.67	408.940	39.80	0.
3	11.89	0.521	3.15	5.77	122.831	11.95	0.
4	14.25	0.227	4.51	8.27	69.140	6.73	0.
5	16.41	0.280	5.02	9.20	96.503	9.39	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.32	0.399	7.11	13.04	187.129	18.21	0.
7	29.00	0.272	48.20	88.36	896.228	87.23	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/3/2019 12:40:07 PM
 Printed by: wet

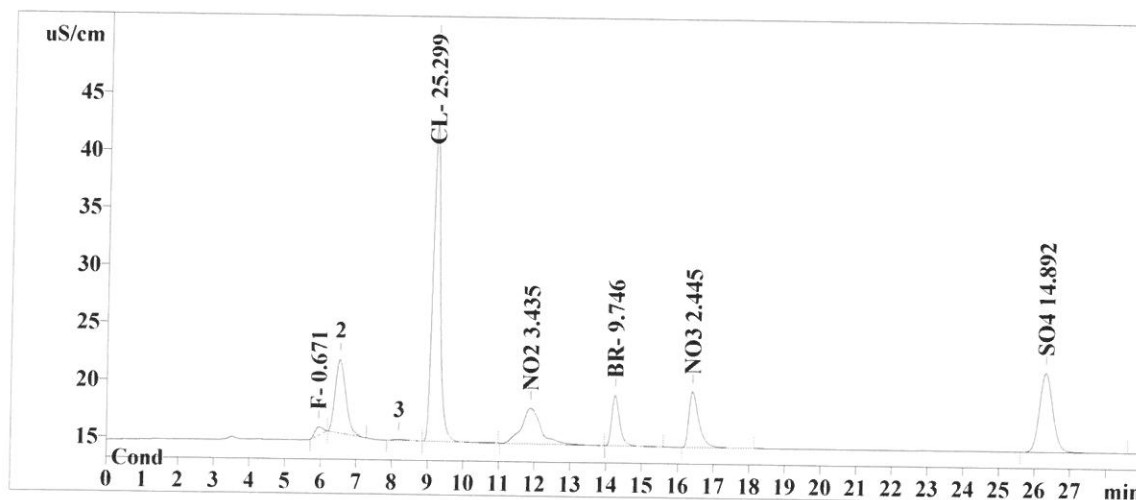
Ident: K3077-03MSD
 Analysis from: 5/30/2019 7:22:58 PM
 File: _2019-05-30_

Last save: 6/3/2019 12:40:08 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67007

Last save: 5/30/2019 2:14:16 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	5.92	0.257	0.72	1.33	11.042	1.09	0.
2	9.17	0.220	27.74	51.23	409.761	40.47	0.
3	11.88	0.506	3.11	5.74	118.933	11.75	0.
4	14.24	0.227	4.36	8.06	67.048	6.62	0.
5	16.40	0.279	4.85	8.96	93.007	9.18	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.30	0.397	6.88	12.70	180.041	17.78	0.
7	29.00	0.269	47.65	88.01	879.832	86.89	0.

This report has been created by IC Net
 METROHM LTD

Report date: 5/31/2019 8:37:17 AM
 Printed by: wet

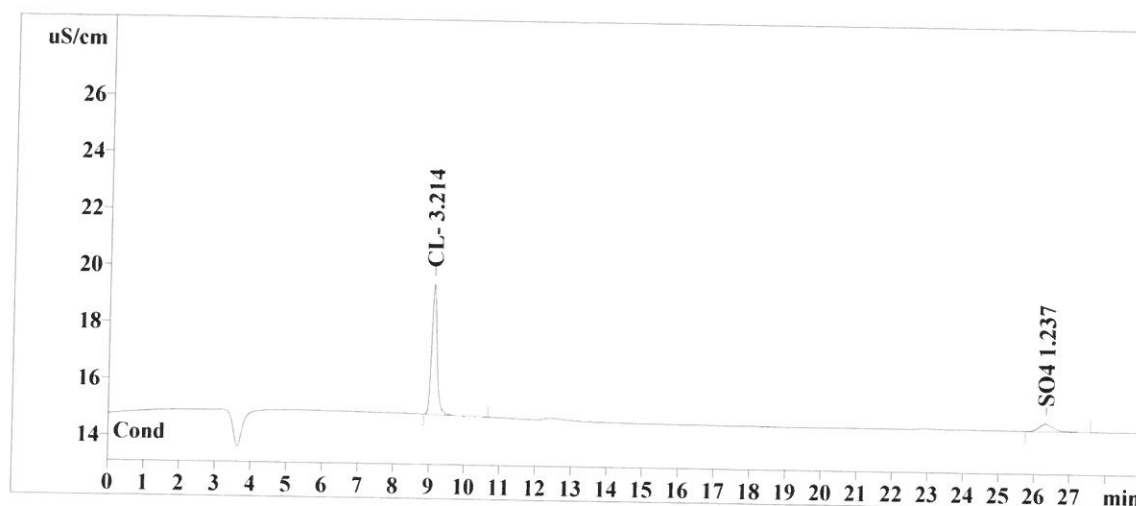
Ident: K3077-01DLX50
 Analysis from: 5/30/2019 7:54:52 PM
 File: _2019-05-30_

Last save: 5/31/2019 8:37:18 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67008

Last save: 5/30/2019 2:14:16 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	9.10	0.163	4.58	94.55	50.693	87.44	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	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	26.32	0.421	0.26	5.43	7.283	12.56	0.
7	29.00	0.083	4.84	99.98	57.976	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 5/31/2019 8:37:44 AM
Printed by: wet

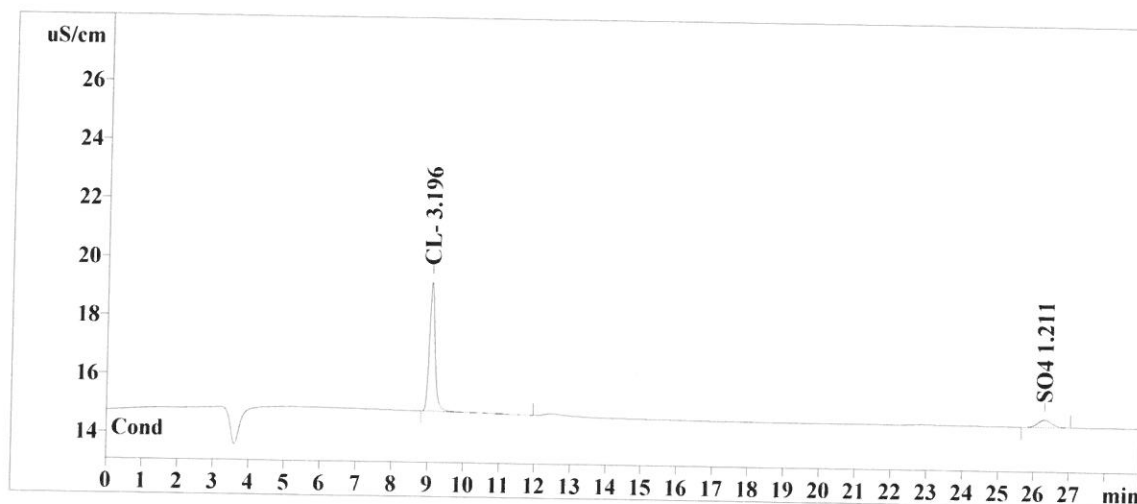
Ident: K3077-02DLX50
Analysis from: 5/30/2019 8:26:47 PM
File: _2019-05-30_

Last save: 5/31/2019 8:37:44 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67009

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 15
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.08	0.164	4.39	94.49	50.397	87.88	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.30	0.418	0.26	5.49	6.952	12.12	0.
7	29.00	0.083	4.65	99.98	57.348	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 12:40:31 PM
Printed by: wet

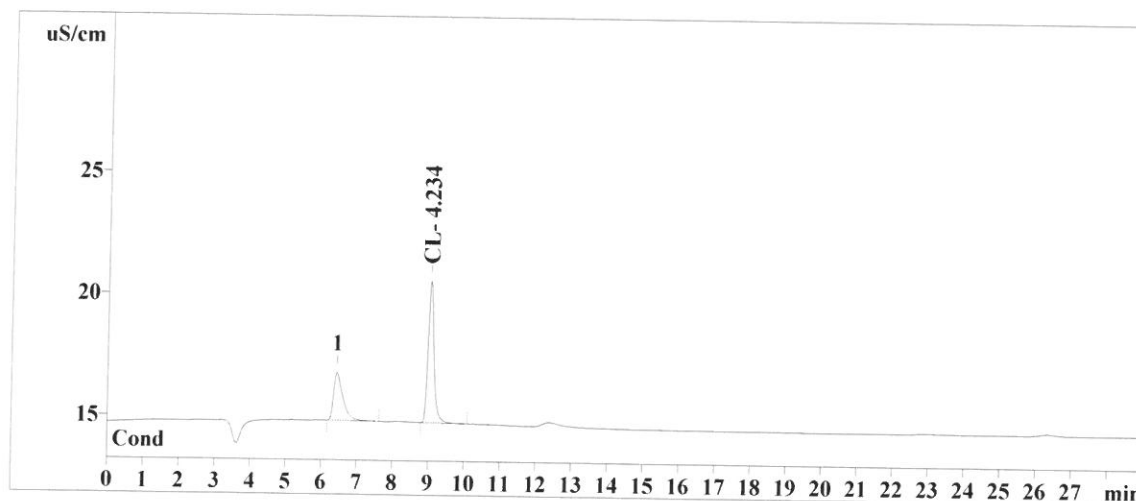
Ident: K3077-03DLX5
Analysis from: 5/30/2019 8:58:41 PM
File: _2019-05-30_

Last save: 6/3/2019 12:40:30 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67010

Last save: 5/30/2019 2:14:16 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	1.96	25.24	35.456	34.52	0.
2	9.04	0.170	5.80	74.76	67.268	65.48	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	29.00	0.024	7.76	100.00	102.724	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2019 8:41:28 AM
Printed by: wet

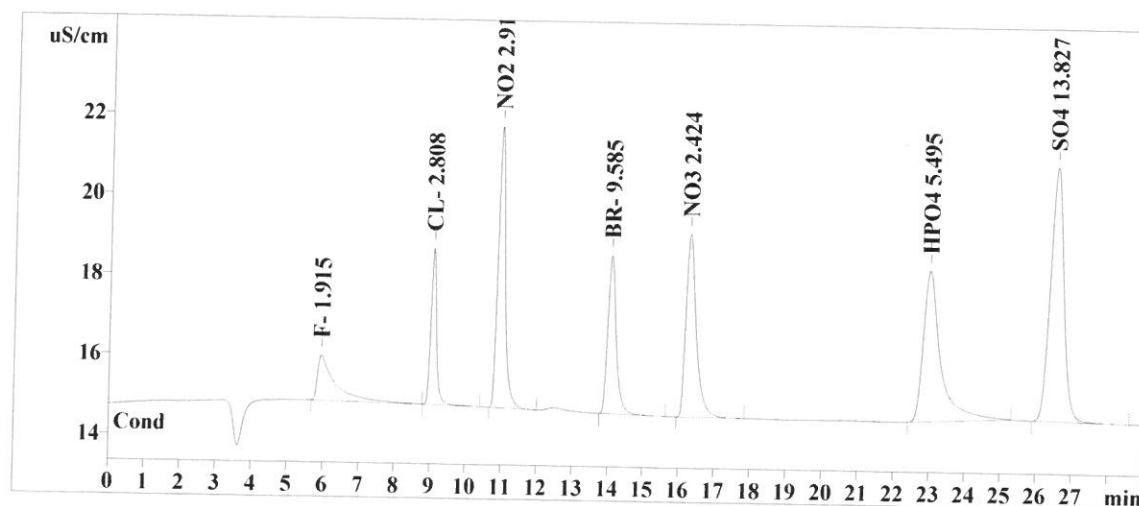
Ident: CCV
Analysis from: 5/30/2019 10:02:29 PM
File: _2019-05-30_

Last save: 5/31/2019 7:52:54 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67012

Last save: 5/30/2019 2:14:16 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	5.93	0.400	1.12	3.66	38.003	5.98	0.
2	9.06	0.165	3.89	12.71	44.079	6.94	0.
3	10.93	0.210	7.01	22.92	100.340	15.80	0.
4	14.05	0.247	3.94	12.87	65.915	10.38	0.
5	16.26	0.296	4.55	14.89	92.194	14.52	0.
6	22.97	0.442	3.75	12.26	127.952	20.15	0.
7	26.51	0.401	6.32	20.68	166.564	26.23	0.
7	29.00	0.309	30.57	99.99	635.048	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/31/2019 8:41:45 AM
Printed by: wet

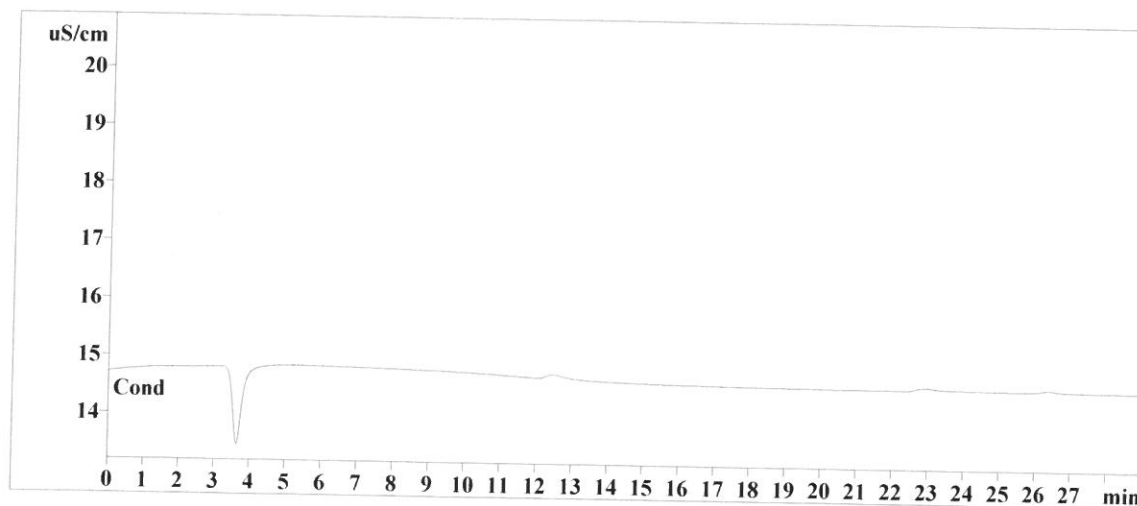
Ident: CCB
Analysis from: 5/30/2019 10:34:23 PM
File: _2019-05-30_

Last save: 5/31/2019 8:41:42 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67013

Last save: 5/30/2019 2:14:16 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: 6/3/2019 9:01:17 AM
Printed by: wet

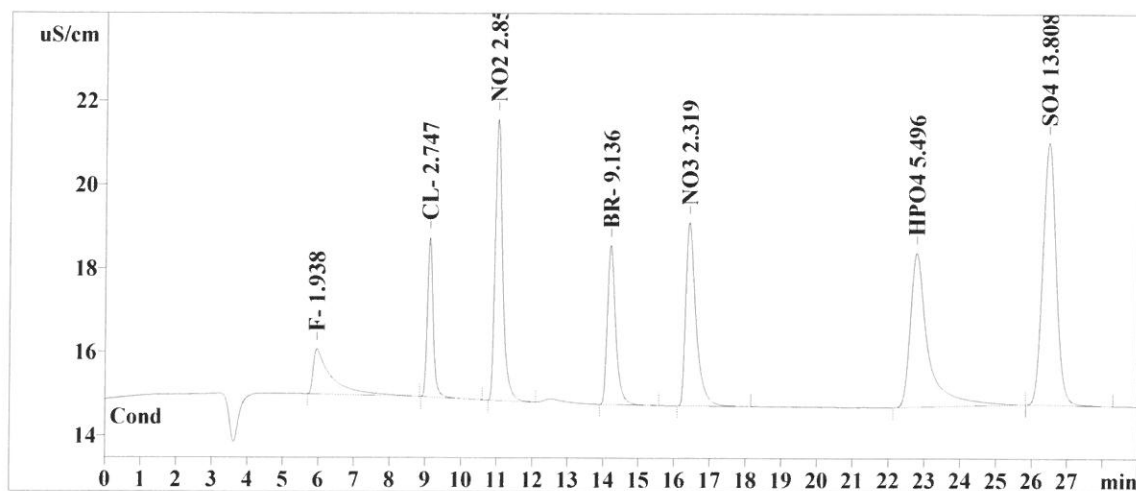
Ident: CCV
Analysis from: 5/31/2019 9:53:17 AM
File: _2019-05-31_

Last save: 5/31/2019 10:22:06 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67018

Last save: 5/30/2019 2:14:16 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	5.95	0.416	1.08	3.63	38.487	6.16	0.
2	9.12	0.166	3.80	12.80	43.084	6.90	0.
3	11.02	0.214	6.72	22.61	98.142	15.71	0.
4	14.20	0.243	3.79	12.77	62.745	10.04	0.
5	16.41	0.292	4.38	14.74	88.055	14.09	0.
6	22.77	0.436	3.68	12.37	127.966	20.48	0.
7	26.46	0.404	6.26	21.08	166.325	26.62	0.
7	29.00	0.310	29.72	99.99	624.803	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:01:27 AM
Printed by: wet

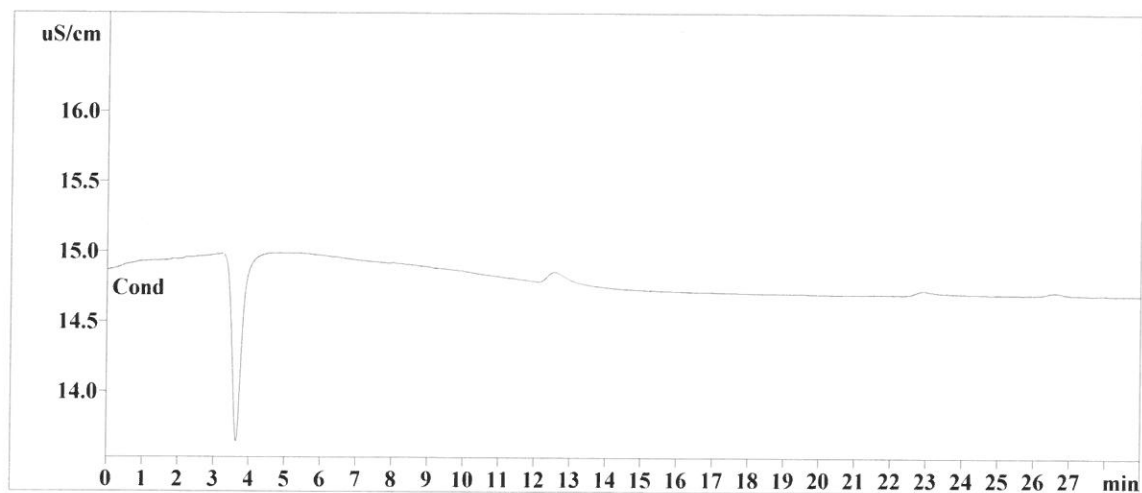
Ident: CCB
Analysis from: 5/31/2019 10:25:56 AM
File: _2019-05-31_

Last save: 5/31/2019 10:54:44 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67019

Last save: 5/30/2019 2:14:16 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: 6/3/2019 9:01:37 AM
Printed by: wet

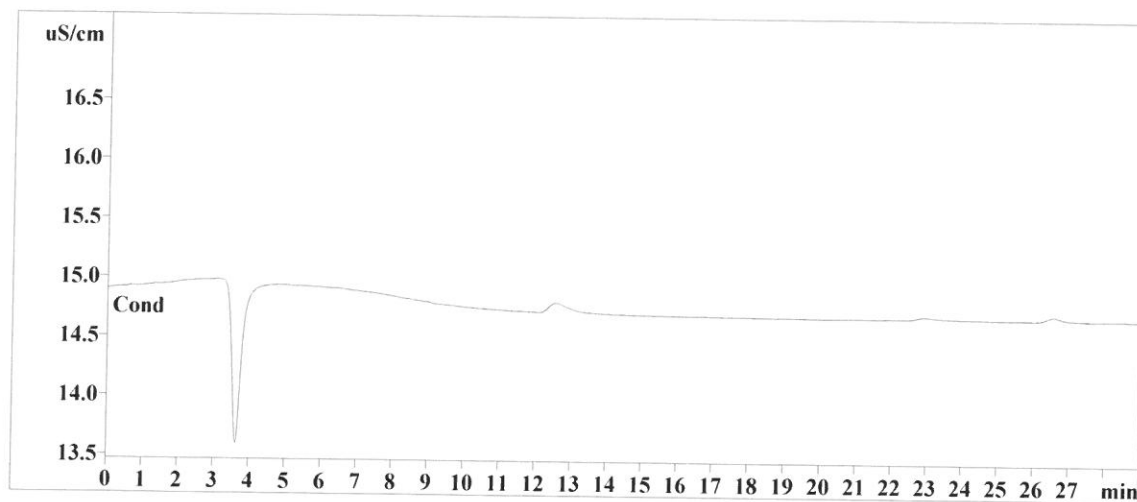
Ident: LB103087BLW2
Analysis from: 5/31/2019 10:57:50 AM
File: _2019-05-31_

Last save: 5/31/2019 11:31:16 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67020

Last save: 5/30/2019 2:14:16 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: 6/3/2019 9:01:46 AM
Printed by: wet

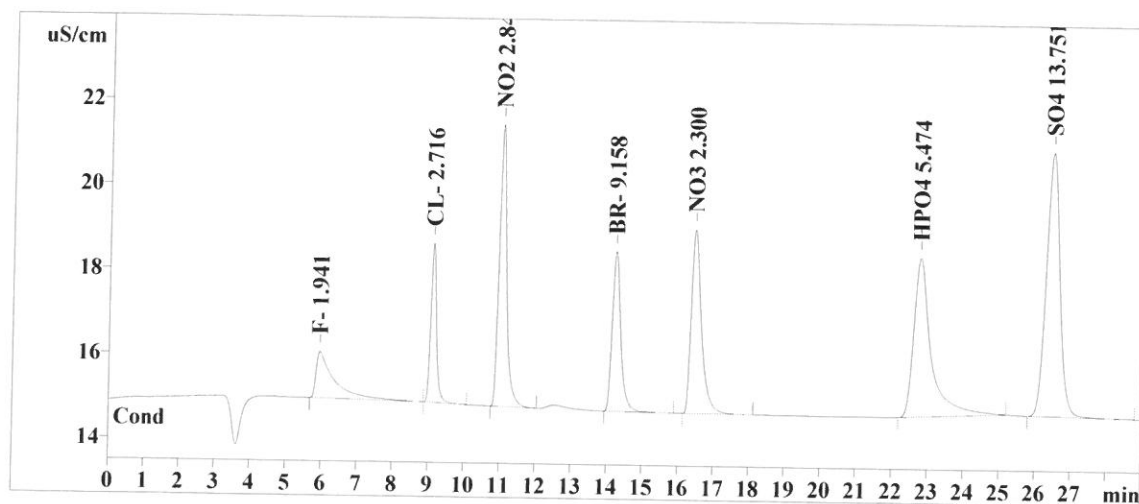
Ident: LB103087BSW2
Analysis from: 5/31/2019 12:03:48 PM
File: _2019-05-31_

Last save: 5/31/2019 12:33:12 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67022

Last save: 5/30/2019 2:14:16 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	5.95	0.421	1.09	3.70	38.550	6.20	0.
2	9.11	0.167	3.75	12.69	42.593	6.85	0.
3	11.01	0.215	6.64	22.48	97.740	15.71	0.
4	14.22	0.246	3.76	12.74	62.897	10.11	0.
5	16.43	0.293	4.34	14.67	87.308	14.03	0.
6	22.76	0.438	3.74	12.66	127.508	20.49	0.
7	26.44	0.405	6.22	21.06	165.603	26.62	0.
7	29.00	0.312	29.55	99.99	622.199	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:02:33 AM
Printed by: wet

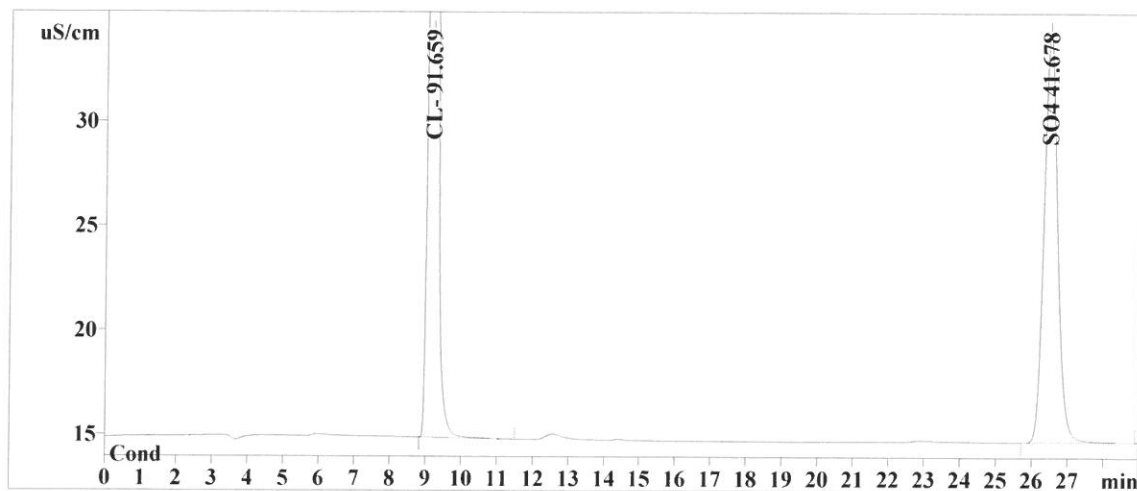
Ident: K3128-01
Analysis from: 5/31/2019 12:36:23 PM
File: _2019-05-31_

Last save: 6/3/2019 9:02:32 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67023

Last save: 5/30/2019 2:14:16 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	9.18	0.185	121.44	86.10	1488.671	74.15	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	26.47	0.401	19.60	13.90	518.934	25.85	0.
7	29.00	0.084	141.04	100.00	2007.605	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:04:40 AM
 Printed by: wet

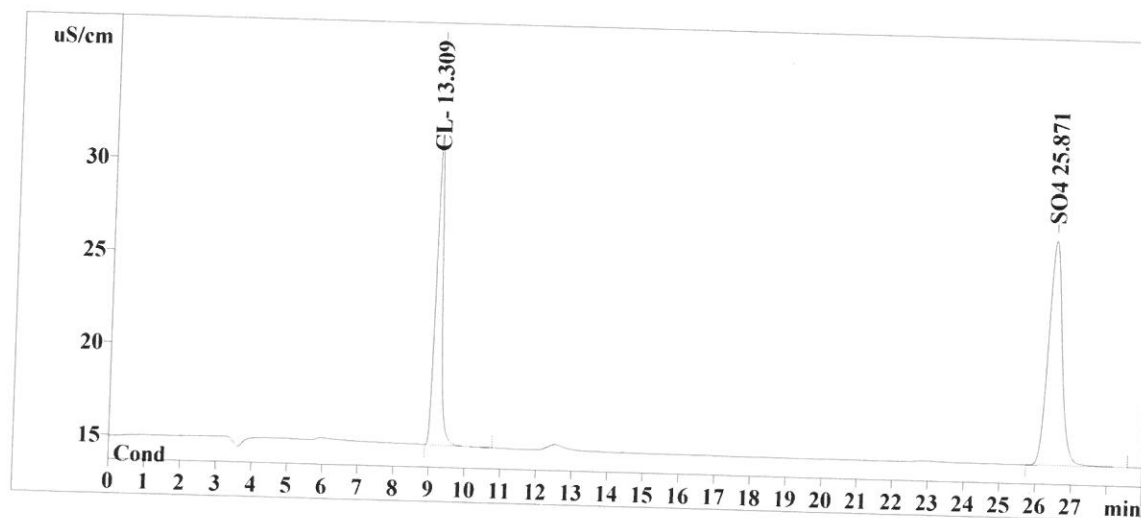
Ident: K3128-02
 Analysis from: 5/31/2019 1:08:17 PM
 File: _2019-05-31_

Last save: 6/3/2019 9:04:40 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67024

Last save: 5/30/2019 2:14:16 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	9.15	0.189	16.74	58.10	214.816	40.25	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	26.44	0.400	12.08	41.90	318.951	59.75	0.
7	29.00	0.084	28.82	100.00	533.768	100.00	0.

This report has been created by IC Net
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Report date: 6/3/2019 9:06:33 AM
Printed by: wet

Ident: K3128-03
Analysis from: 5/31/2019 1:40:12 PM
File: _2019-05-31_

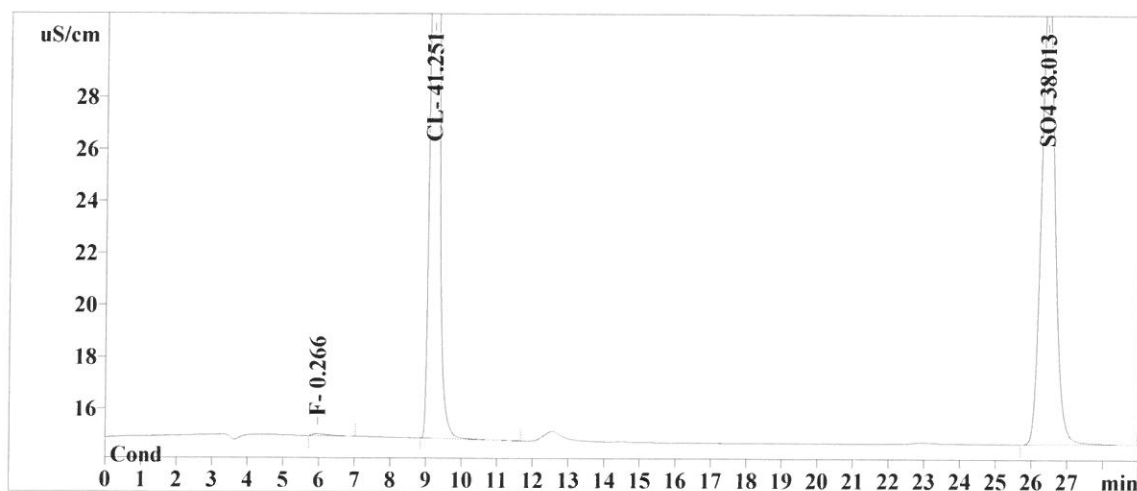
Last save: 6/3/2019 9:06:34 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67025

Last save: 5/30/2019 2:14:16 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	5.96	0.431	0.07	0.11	2.250	0.20	0.
2	9.18	0.204	48.71	73.08	669.104	58.49	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	26.40	0.400	17.87	26.81	472.564	41.31	0.
7	29.00	0.148	66.65	100.00	1143.918	100.00	0.

This report has been created by IC Net
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Report date: 6/3/2019 9:06:08 AM
 Printed by: wet

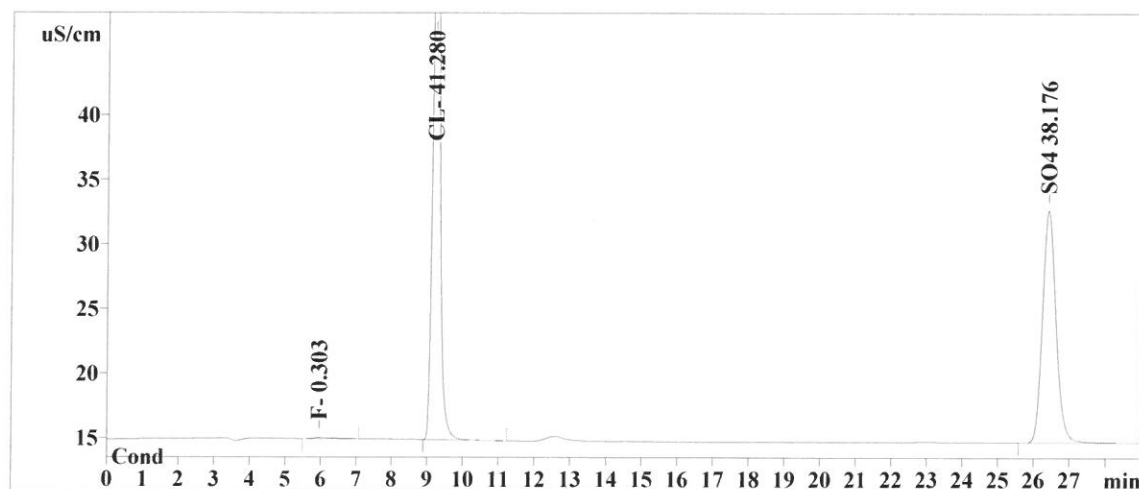
Ident: K3128-03DUP
 Analysis from: 5/31/2019 2:12:06 PM
 File: _2019-05-31_

Last save: 6/3/2019 9:06:04 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67026

Last save: 5/30/2019 2:14:16 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	5.95	0.482	0.09	0.13	3.054	0.27	0.
2	9.22	0.203	48.98	73.11	669.585	58.36	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	26.40	0.401	17.92	26.76	474.630	41.37	0.
7	29.00	0.155	66.98	100.00	1147.269	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/3/2019 9:07:57 AM
 Printed by: wet

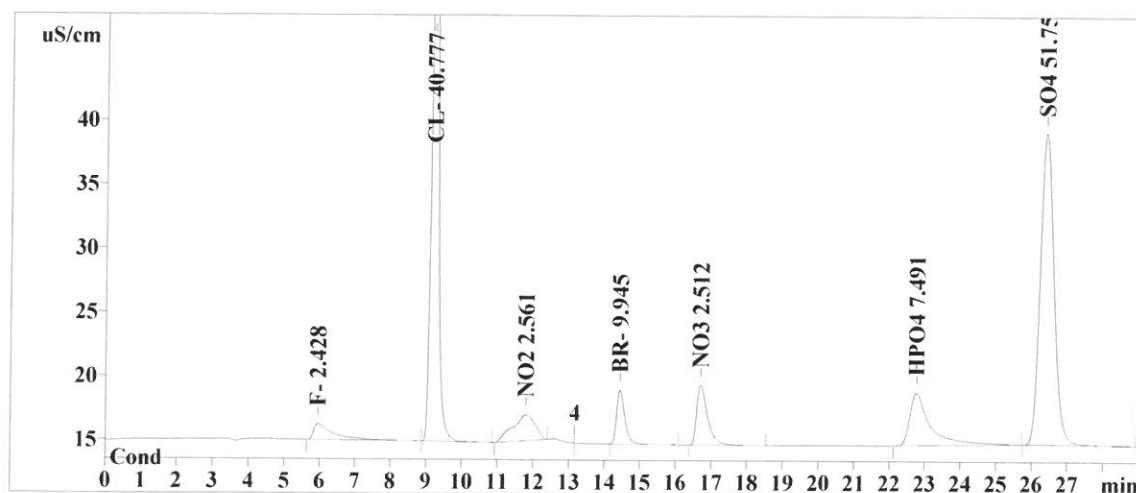
Ident: K3128-03MS
 Analysis from: 5/31/2019 2:44:00 PM
 File: _2019-05-31_

Last save: 6/3/2019 9:07:58 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67027

Last save: 5/30/2019 2:14:16 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	5.95	0.478	1.23	1.36	49.109	2.76	0.
2	9.20	0.196	50.30	55.32	661.406	37.17	0.
3	11.80	0.758	2.03	2.23	87.750	4.93	0.
4	14.44	0.238	4.23	4.65	68.455	3.85	0.
5	16.70	0.297	4.67	5.14	95.667	5.38	0.
6	22.76	0.498	4.12	4.53	170.480	9.58	0.
7	26.38	0.404	24.33	26.76	646.396	36.33	0.
7	29.00	0.410	90.92	100.00	1779.264	100.00	0.

This report has been created by IC Net
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Report date: 6/3/2019 9:08:22 AM
Printed by: wet

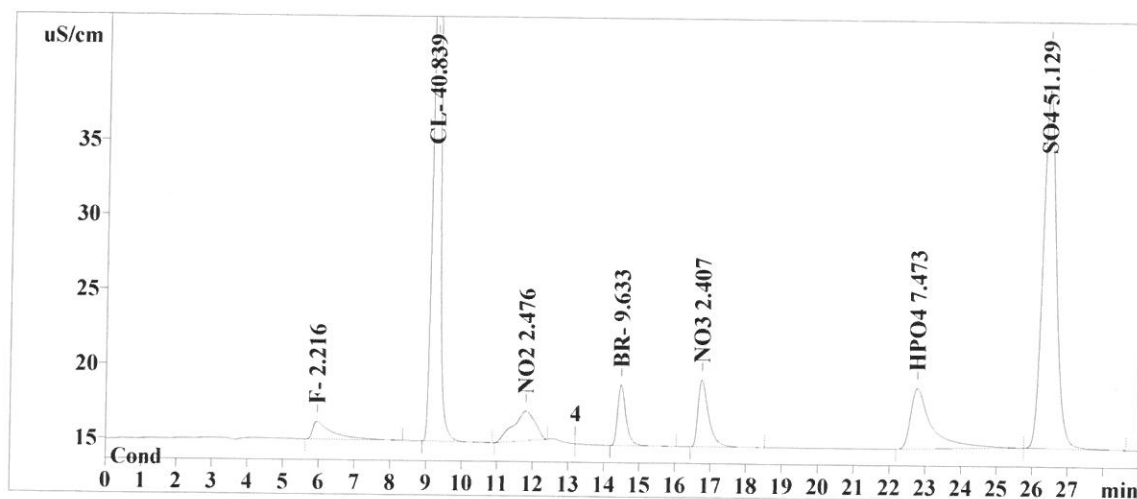
Ident: K3128-03MSD
Analysis from: 5/31/2019 3:15:55 PM
File: _2019-05-31_

Last save: 6/3/2019 9:08:22 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67028

Last save: 5/30/2019 2:14:16 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	5.95	0.473	1.17	1.30	44.516	2.53	0.
2	9.21	0.196	50.35	55.96	662.411	37.68	0.
3	11.80	0.720	1.98	2.20	84.732	4.82	0.
4	14.47	0.241	4.03	4.48	66.250	3.77	0.
5	16.74	0.298	4.45	4.95	91.518	5.21	0.
6	22.77	0.504	4.06	4.51	170.096	9.68	0.
7	26.40	0.406	23.94	26.60	638.498	36.32	0.
7	29.00	0.405	89.98	100.00	1758.023	100.00	0.

This report has been created by IC Net
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Report date: 6/3/2019 9:08:30 AM
Printed by: wet

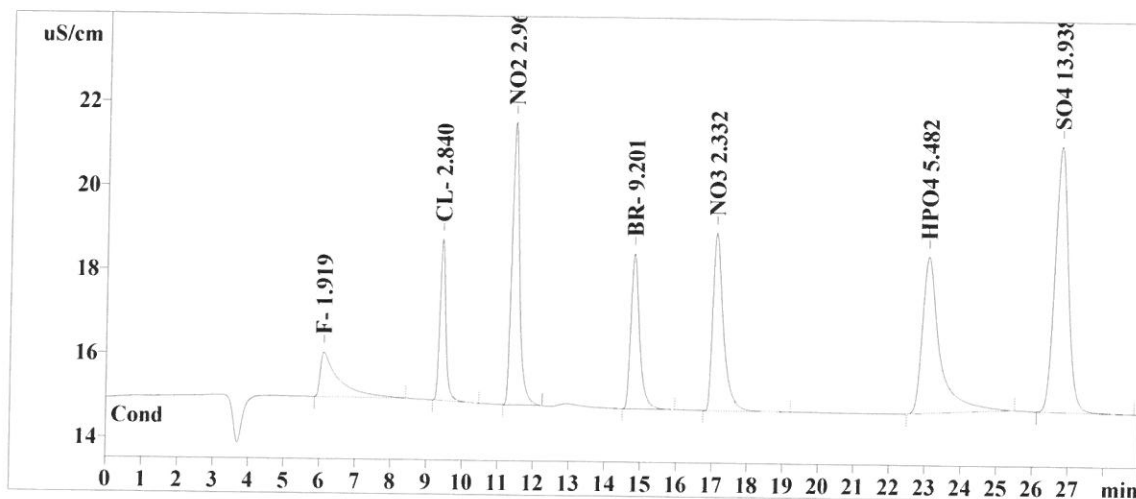
Ident: CCV
Analysis from: 5/31/2019 3:47:49 PM
File: _2019-05-31_

Last save: 5/31/2019 4:17:32 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67029

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.11	0.433	1.06	3.60	38.093	6.02	0.
2	9.42	0.171	3.84	12.99	44.604	7.05	0.
3	11.42	0.224	6.72	22.74	102.197	16.16	0.
4	14.79	0.252	3.68	12.46	63.203	10.00	0.
5	17.09	0.303	4.22	14.28	88.543	14.00	0.
6	23.07	0.440	3.71	12.56	127.678	20.19	0.
7	26.75	0.404	6.32	21.38	167.976	26.57	0.
7	29.00	0.318	29.56	100.00	632.295	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:08:39 AM
Printed by: wet

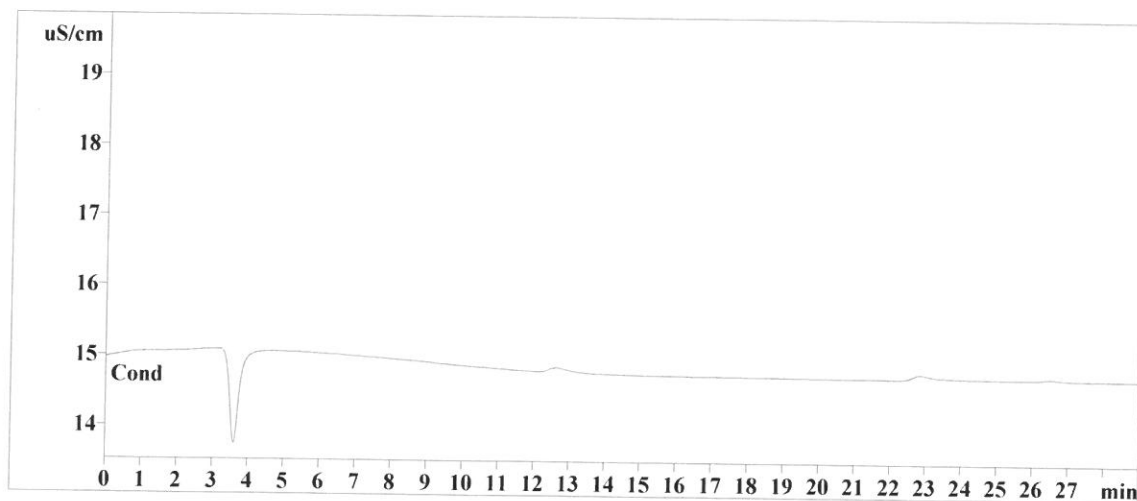
Ident: CCB
Analysis from: 5/31/2019 4:20:45 PM
File: _2019-05-31_

Last save: 5/31/2019 5:04:08 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67030

Last save: 5/30/2019 2:14:16 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: 6/3/2019 9:09:50 AM
Printed by: wet

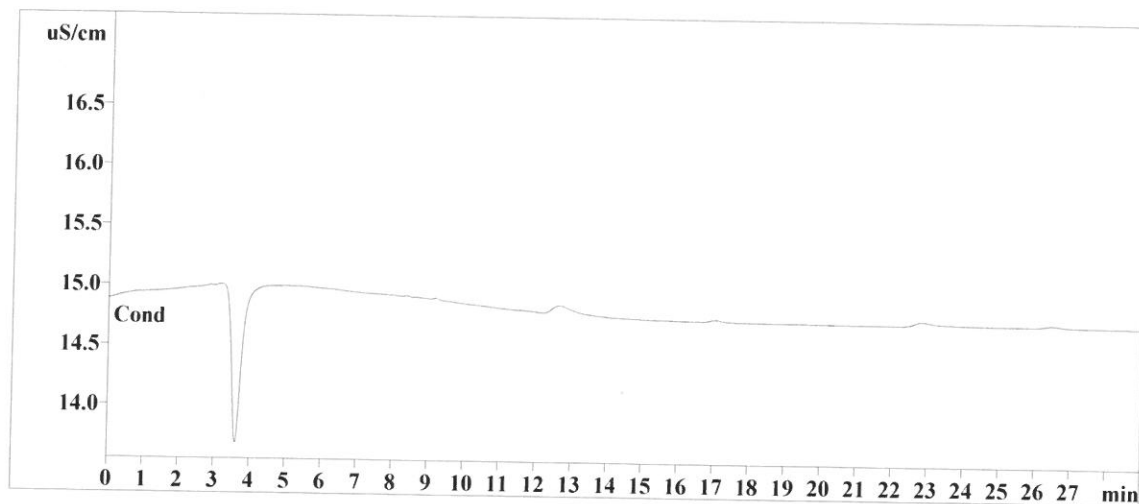
Ident: K3145 -01
Analysis from: 5/31/2019 5:07:27 PM
File: _2019-05-31_

Last save: 6/3/2019 9:09:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67031

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:12:32 AM
Printed by: wet

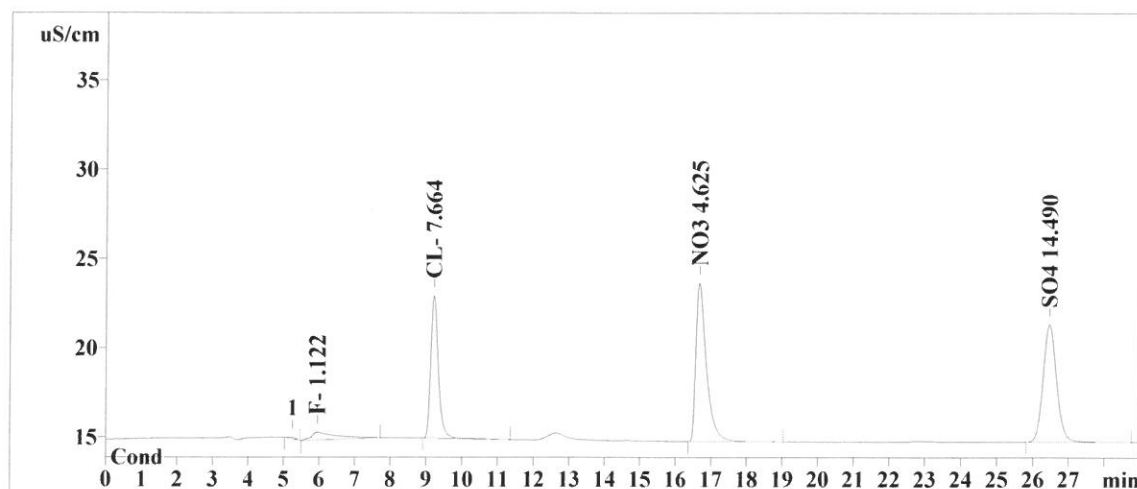
Ident: K3145 -02
Analysis from: 5/31/2019 5:39:21 PM
File: _2019-05-31_

Last save: 6/3/2019 9:12:32 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67032

Last save: 5/30/2019 2:14:16 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	5.95	0.623	0.43	1.81	20.803	4.17	0.
2	9.22	0.228	7.98	33.36	123.030	24.66	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	16.67	0.290	8.87	37.06	178.915	35.87	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.45	0.403	6.57	27.47	174.960	35.08	0.
7	29.00	0.220	23.86	99.69	497.708	99.78	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:13:02 AM
Printed by: wet

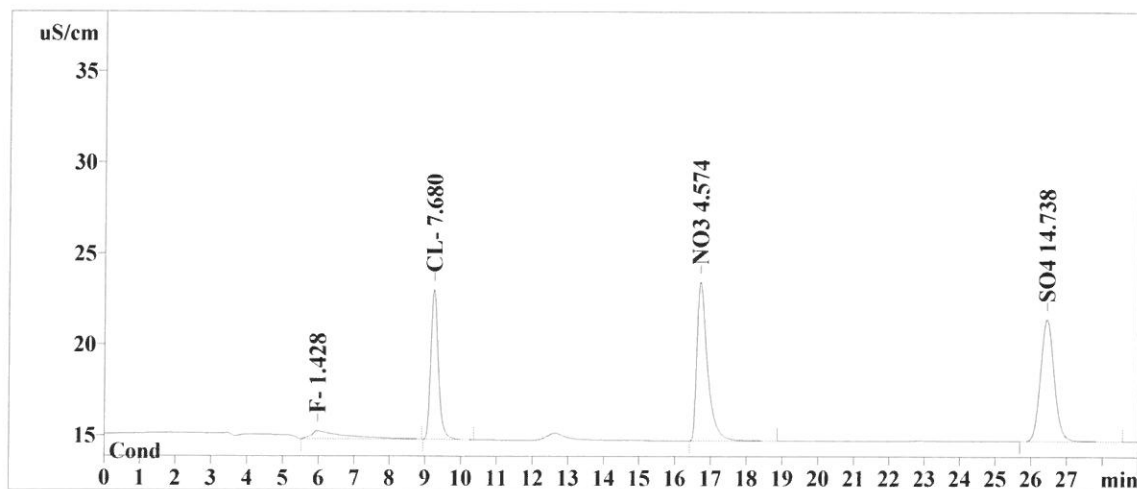
Ident: K3145 -03
Analysis from: 5/31/2019 6:11:15 PM
File: _2019-05-31_

Last save: 6/3/2019 9:13:00 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67033

Last save: 5/30/2019 2:14:16 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	5.97	0.741	0.44	1.84	27.437	5.42	0.
2	9.24	0.224	8.21	34.14	123.302	24.38	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	16.70	0.292	8.70	36.19	176.929	34.98	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.44	0.403	6.69	27.82	178.092	35.21	0.
7	29.00	0.237	24.04	100.00	505.760	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:14:01 AM
Printed by: wet

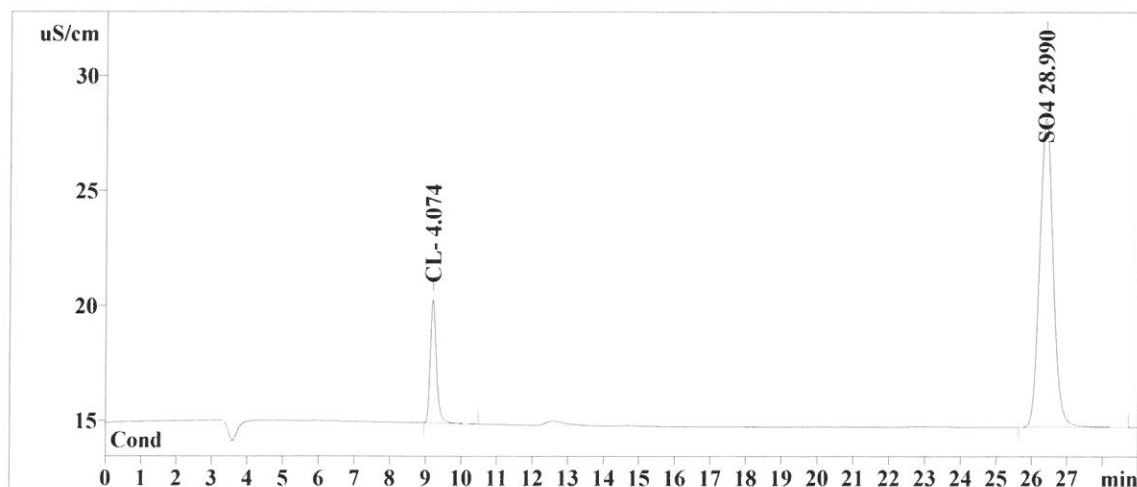
Ident: K3094-01DLX2
Analysis from: 5/31/2019 6:43:10 PM
File: _2019-05-31_

Last save: 5/31/2019 7:11:58 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67034

Last save: 5/30/2019 2:14:16 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	9.20	0.178	5.34	28.43	64.667	15.29	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	26.37	0.403	13.44	71.57	358.405	84.71	0.
7	29.00	0.083	18.77	99.99	423.072	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 12:41:36 PM
Printed by: wet

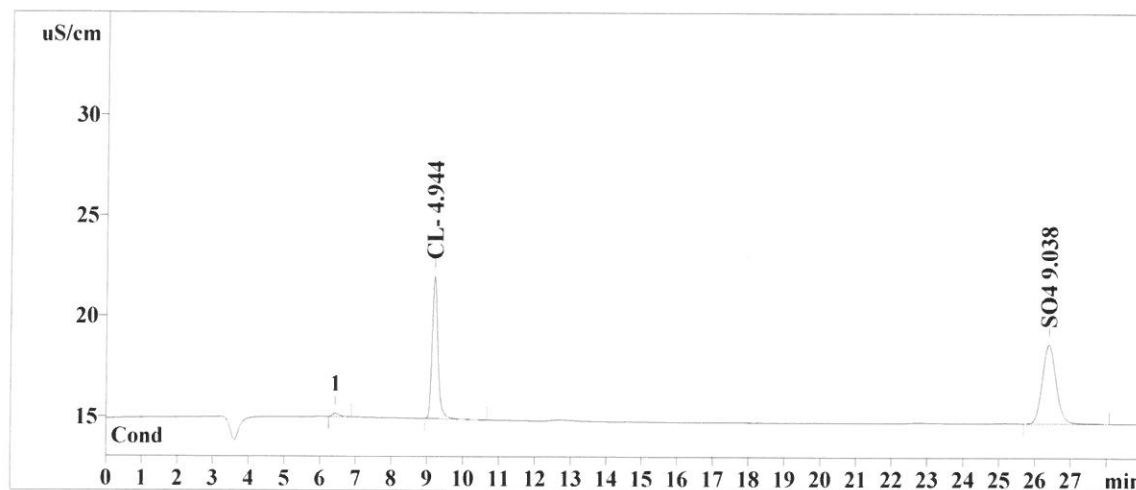
Ident: K3094-02DLX5
Analysis from: 5/31/2019 7:15:04 PM
File: _2019-05-31_

Last save: 6/3/2019 12:41:34 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67035

Last save: 5/30/2019 2:14:16 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	0.17	1.54	2.341	1.25	0.
2	9.20	0.164	7.06	63.36	78.820	42.12	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	26.38	0.413	3.91	35.09	105.982	56.63	0.
7	29.00	0.082	11.14	100.00	187.143	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:15:01 AM
 Printed by: wet

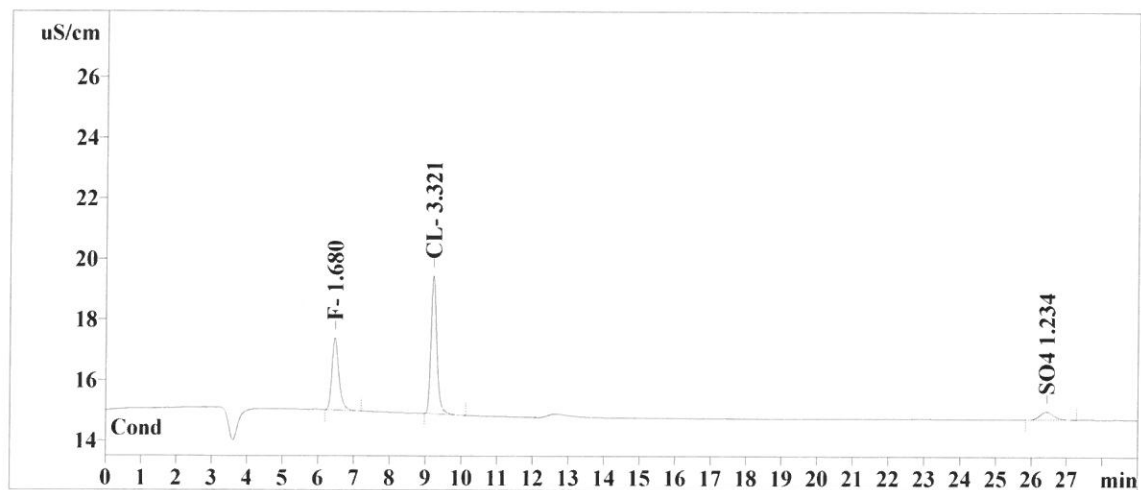
Ident: K3094-03DLX5
 Analysis from: 5/31/2019 7:46:58 PM
 File: _2019-05-31_

Last save: 5/31/2019 8:15:48 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67036

Last save: 5/30/2019 2:14:16 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	6.47	0.206	2.37	33.08	32.908	35.55	0.
2	9.21	0.170	4.54	63.29	52.429	56.63	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	26.43	0.424	0.26	3.63	7.243	7.82	0.
7	29.00	0.114	7.18	100.01	92.581	100.00	0.

This report has been created by IC Net
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Report date: 6/3/2019 9:17:11 AM
Printed by: wet

Ident: K3128-01DLX2
Analysis from: 5/31/2019 8:18:53 PM
File: _2019-05-31_

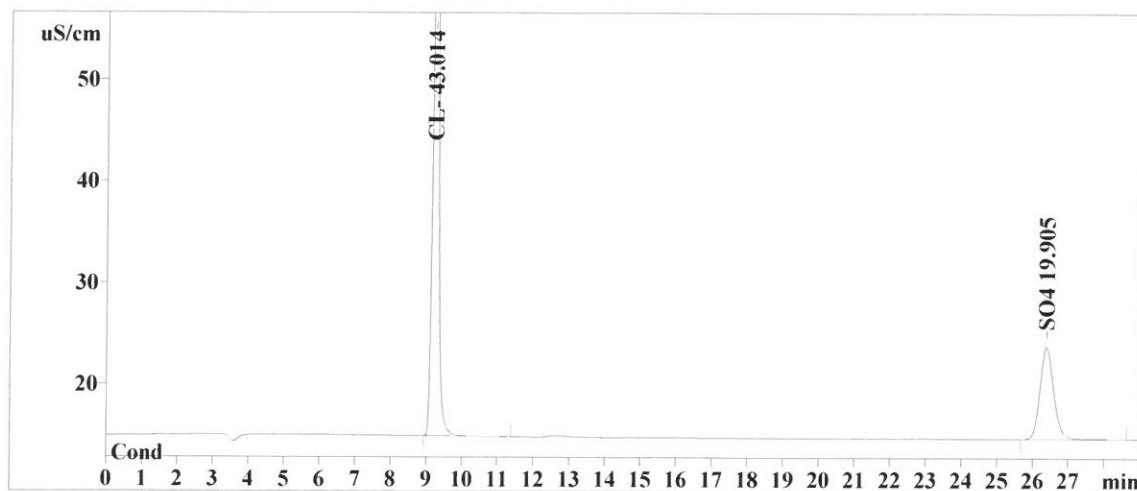
Last save: 6/3/2019 9:17:04 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67037

Last save: 5/30/2019 2:14:16 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.23	0.164	63.06	87.45	697.777	74.13	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	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	26.38	0.408	9.05	12.55	243.461	25.87	0.
7	29.00	0.082	72.11	100.00	941.238	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:17:36 AM
 Printed by: wet

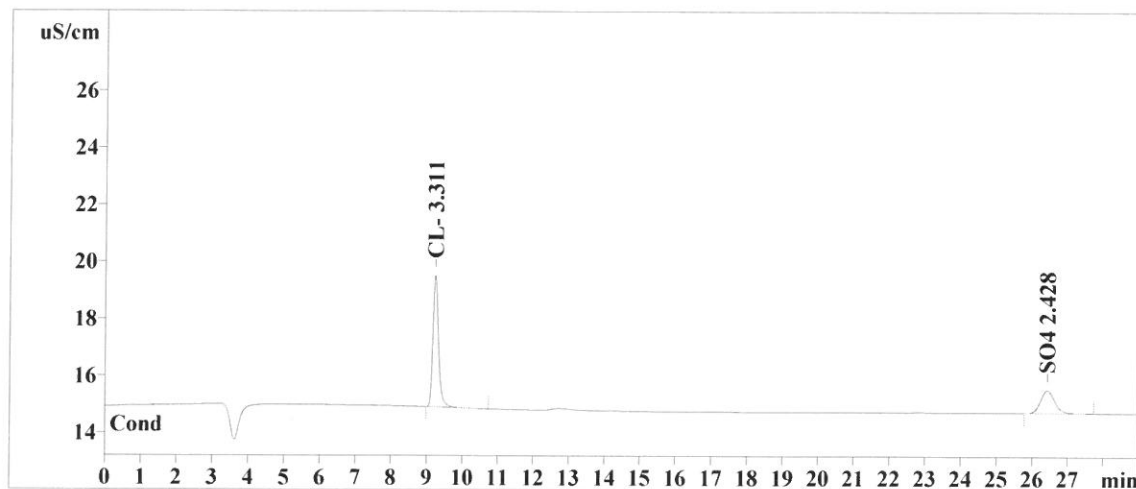
Ident: K3128-01DL2X20
 Analysis from: 5/31/2019 8:50:47 PM
 File: _2019-05-31_

Last save: 5/31/2019 9:19:36 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67038

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
 : AK/AP
 Vial number: 7
 Volume: 20.0 μ L
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.24	0.167	4.60	85.15	52.257	70.04	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	26.43	0.424	0.80	14.84	22.352	29.96	0.
7	29.00	0.084	5.41	99.99	74.609	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/3/2019 12:42:37 PM
Printed by: wet

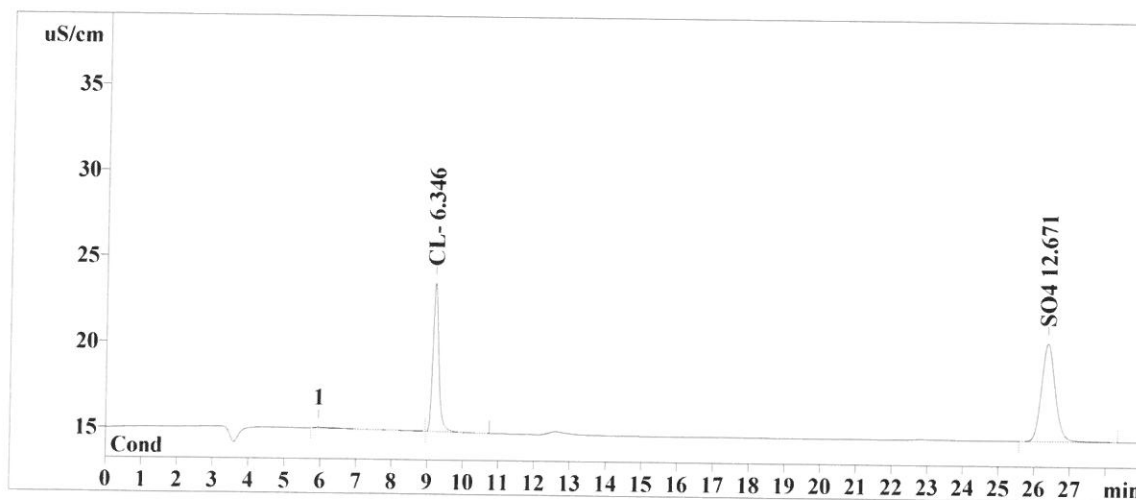
Ident: K3128-02DLX2
Analysis from: 5/31/2019 9:22:41 PM
File: _2019-05-31_

Last save: 6/3/2019 12:42:34 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67039

Last save: 5/30/2019 2:14:16 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	0.06	0.41	3.377	1.31	0.
2	9.21	0.173	8.64	60.12	101.612	39.55	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	26.37	0.406	5.67	39.47	151.950	59.14	0.
7	29.00	0.083	14.37	100.00	256.939	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 12:43:48 PM
Printed by: wet

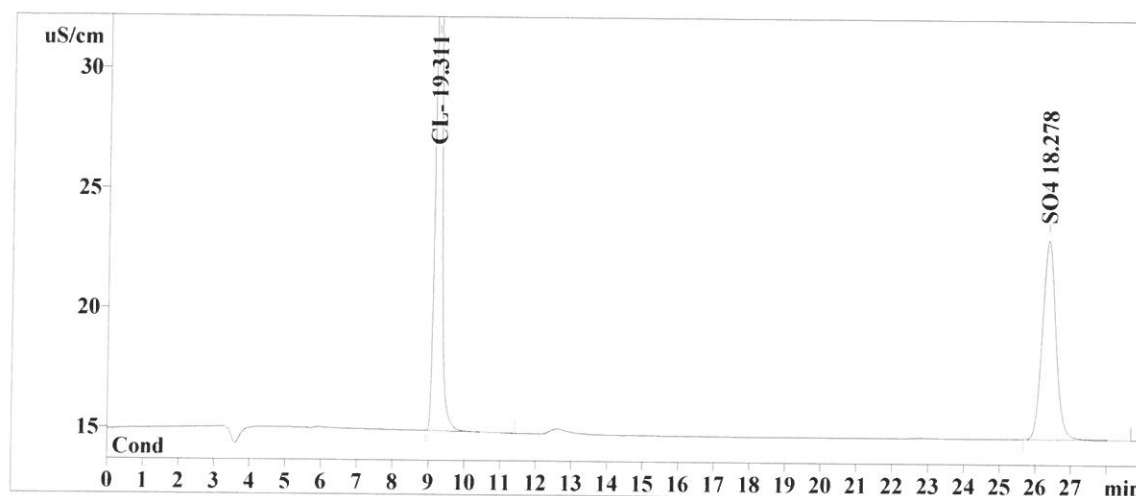
Ident: K3128-03DLX2
Analysis from: 5/31/2019 9:54:35 PM
File: _2019-05-31_

Last save: 6/3/2019 12:43:44 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67040

Last save: 5/30/2019 2:14:16 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.21	0.175	26.22	75.96	312.404	58.36	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	26.34	0.406	8.30	24.04	222.882	41.64	0.
7	29.00	0.083	34.52	100.00	535.286	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:36:45 AM
Printed by: wet

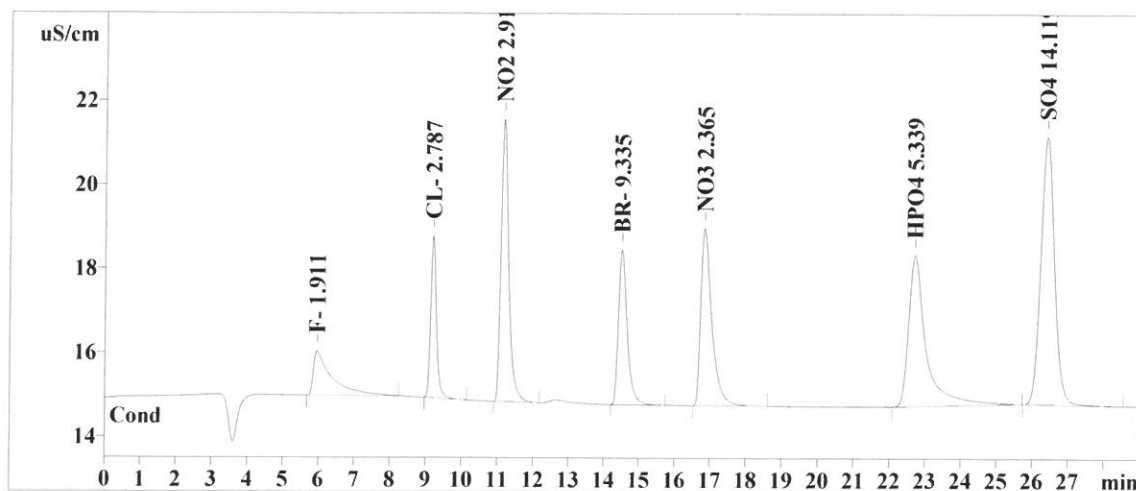
Ident: CCV
Analysis from: 5/31/2019 10:26:30 PM
File: _2019-05-31_

Last save: 5/31/2019 10:55:18 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67041

Last save: 5/30/2019 2:14:16 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	5.96	0.428	1.06	3.58	37.899	6.01	0.
2	9.20	0.168	3.84	13.04	43.736	6.93	0.
3	11.17	0.219	6.73	22.82	100.277	15.90	0.
4	14.50	0.255	3.68	12.49	64.147	10.17	0.
5	16.83	0.309	4.21	14.27	89.873	14.25	0.
6	22.70	0.439	3.59	12.17	124.627	19.76	0.
7	26.39	0.406	6.38	21.63	170.268	26.99	0.
7	29.00	0.317	29.48	100.00	630.826	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:36:58 AM
Printed by: wet

Ident: CCB
Analysis from: 5/31/2019 10:58:24 PM
File: _2019-05-31_

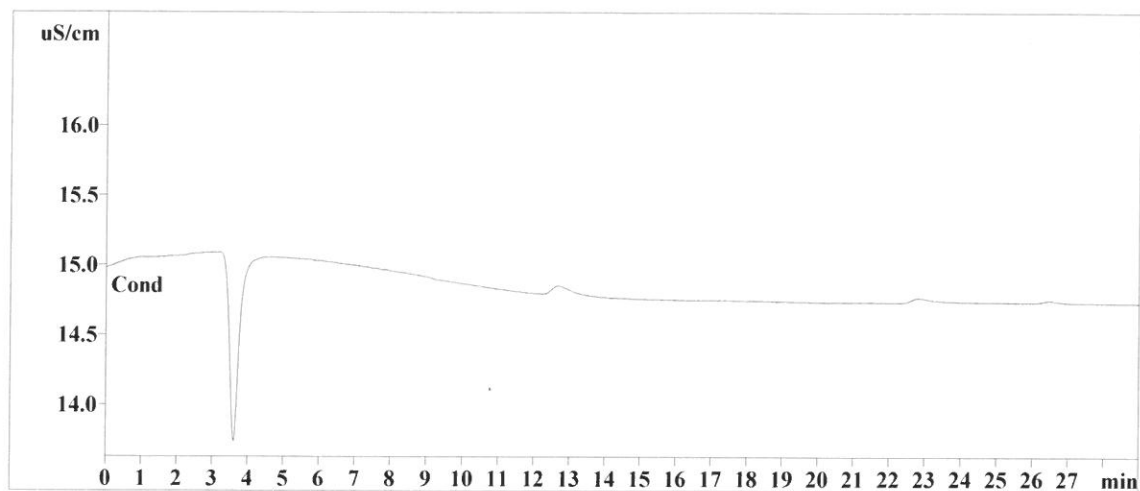
Last save: 5/31/2019 11:27:12 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67042

Last save: 5/30/2019 2:14:16 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: 6/3/2019 9:37:10 AM
Printed by: wet

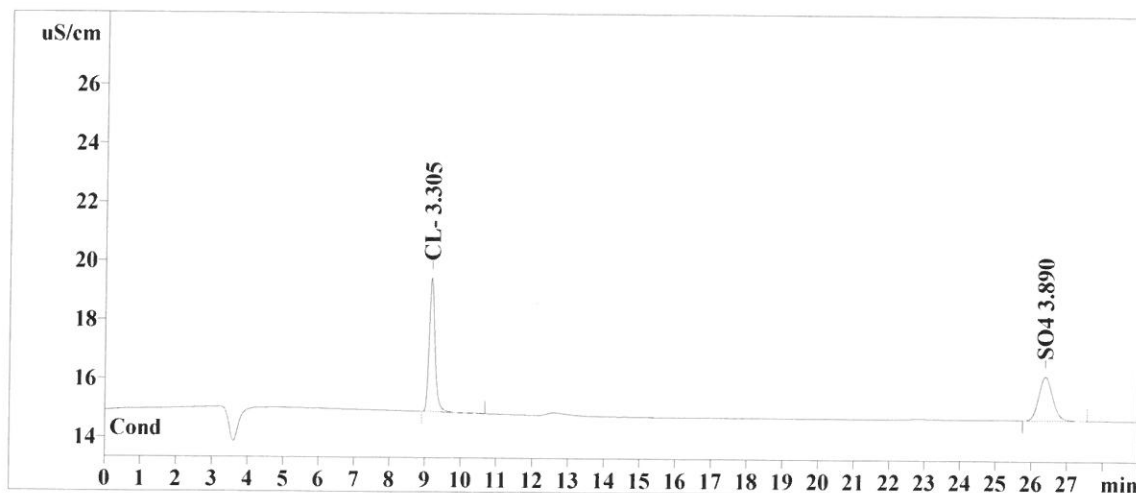
Ident: K3128-03DL2X10
Analysis from: 5/31/2019 11:30:18 PM
File: _2019-05-31_

Last save: 5/31/2019 11:59:06 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67043

Last save: 5/30/2019 2:14:16 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	9.17	0.168	4.55	75.20	52.162	56.08	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.39	0.416	1.50	24.79	40.848	43.92	0.
7	29.00	0.083	6.05	99.99	93.010	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:37:17 AM
Printed by: wet

Ident: CCV
Analysis from: 6/1/2019 12:02:12 AM
File: _2019-06-01_

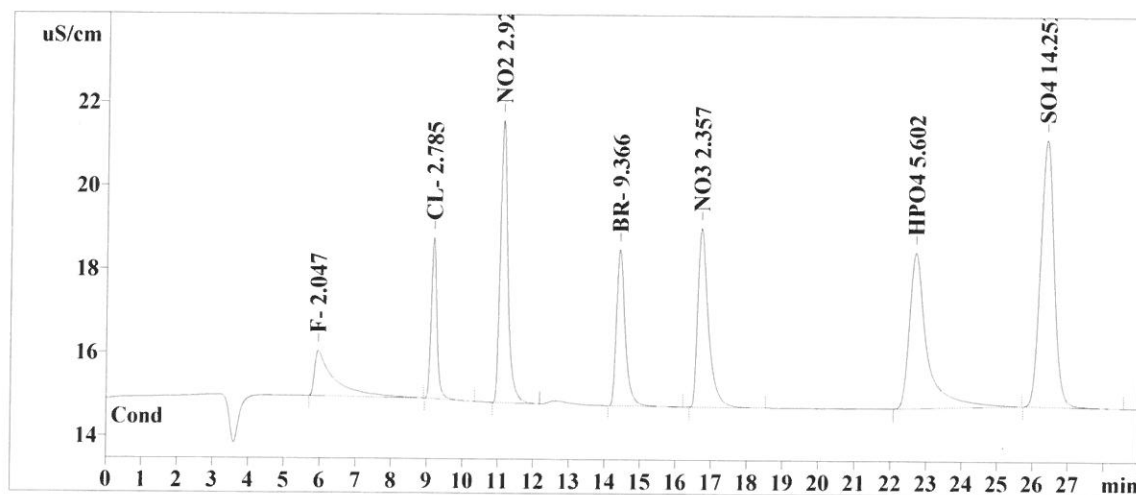
Last save: 6/1/2019 12:31:02 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67044

Last save: 5/30/2019 2:14:16 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	0.431	1.08	3.62	40.859	6.37	0.
2	9.17	0.167	3.86	12.94	43.706	6.81	0.
3	11.12	0.218	6.76	22.66	100.765	15.71	0.
4	14.41	0.252	3.74	12.53	64.367	10.04	0.
5	16.70	0.303	4.28	14.33	89.537	13.96	0.
6	22.68	0.440	3.72	12.48	130.224	20.30	0.
7	26.37	0.409	6.40	21.44	171.949	26.81	0.
7	29.00	0.317	29.84	100.00	641.407	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 9:37:32 AM
Printed by: wet

Ident: CCB
Analysis from: 6/1/2019 12:34:07 AM
File: _2019-06-01_

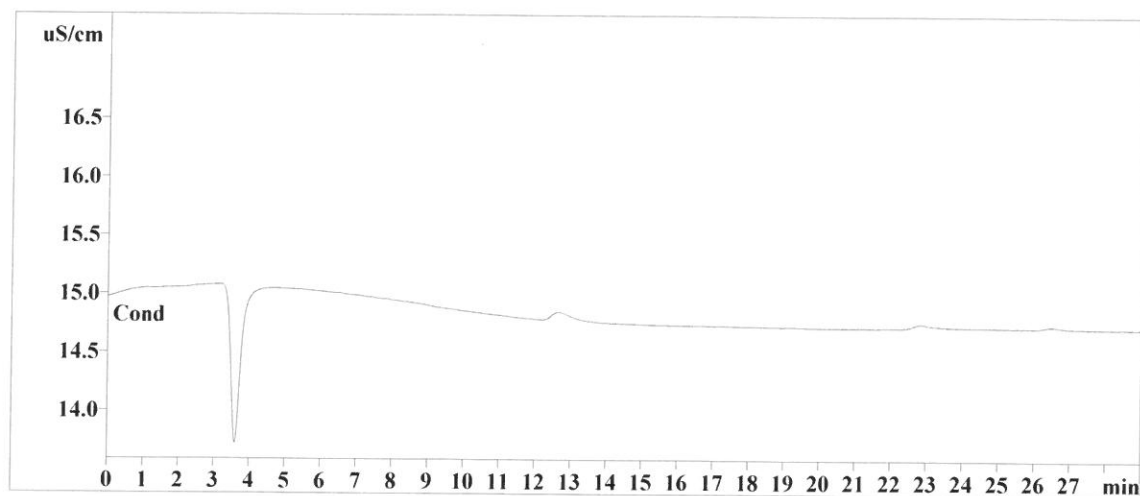
Last save: 6/3/2019 9:37:32 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67045

Last save: 5/30/2019 2:14:16 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: 6/3/2019 11:13:29 AM
Printed by: wet

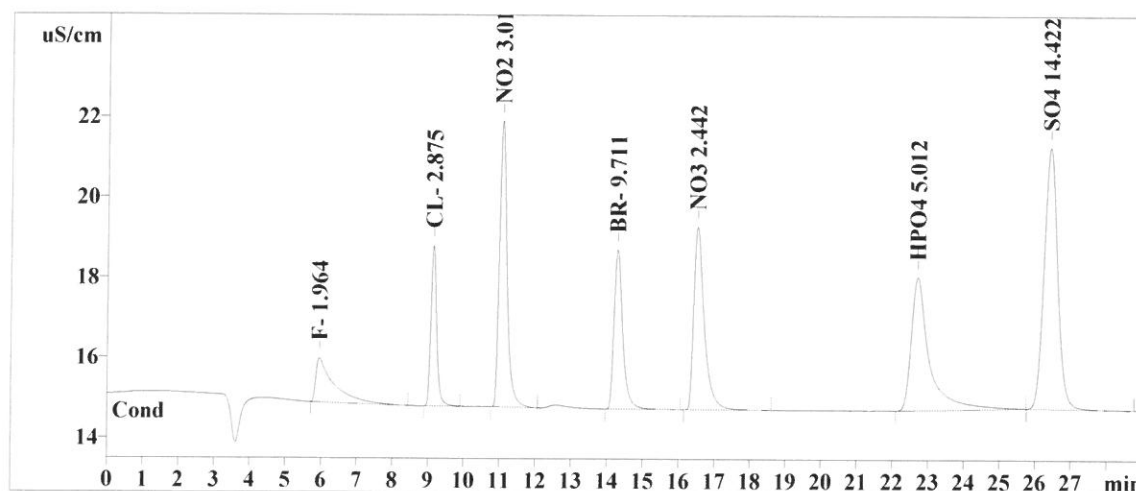
Ident: CCV
Analysis from: 6/3/2019 8:13:20 AM
File: _2019-06-03_

Last save: 6/3/2019 8:42:10 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67049

Last save: 5/30/2019 2:14:16 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	0.438	1.10	3.59	39.049	6.10	0.
2	9.14	0.167	4.00	13.09	45.176	7.06	0.
3	11.06	0.214	7.13	23.33	103.963	16.25	0.
4	14.28	0.247	3.96	12.97	66.801	10.44	0.
5	16.50	0.295	4.55	14.89	92.914	14.53	0.
6	22.69	0.442	3.31	10.83	117.650	18.39	0.
7	26.40	0.407	6.51	21.29	174.095	27.22	0.
7	29.00	0.316	30.55	100.00	639.648	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 11:13:38 AM
Printed by: wet

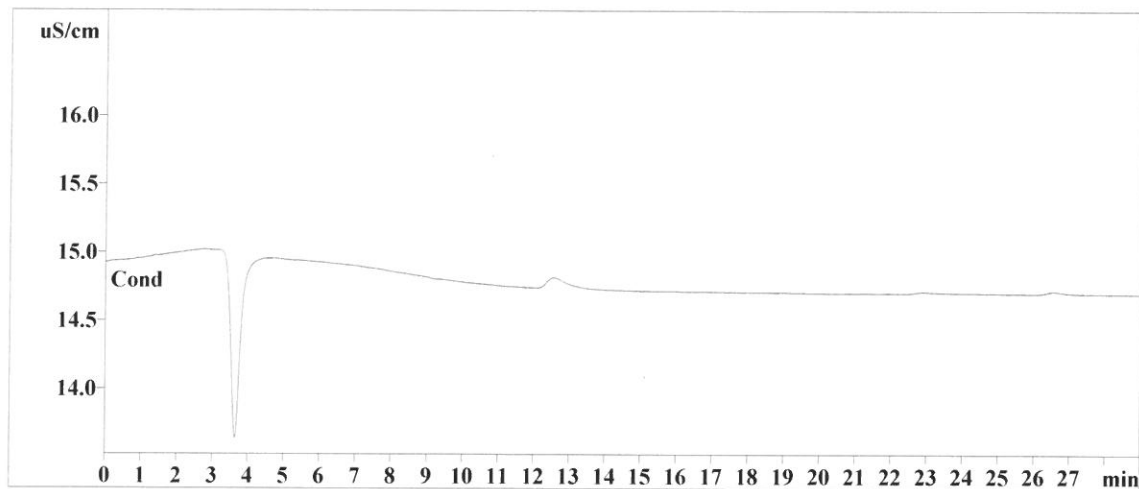
Ident: CCB
Analysis from: 6/3/2019 8:51:59 AM
File: _2019-06-03_

Last save: 6/3/2019 9:20:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67050

Last save: 5/30/2019 2:14:16 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: 6/3/2019 11:13:45 AM
Printed by: wet

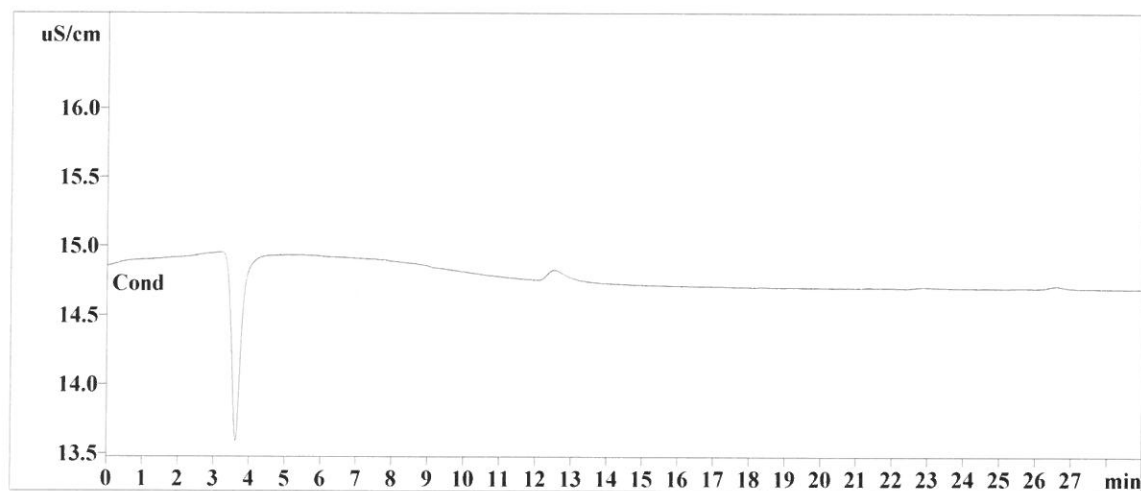
Ident: LB103087BLW3
Analysis from: 6/3/2019 9:24:08 AM
File: _2019-06-03_

Last save: 6/3/2019 11:13:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67051

Last save: 5/30/2019 2:14:16 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: 6/3/2019 11:13:54 AM
Printed by: wet

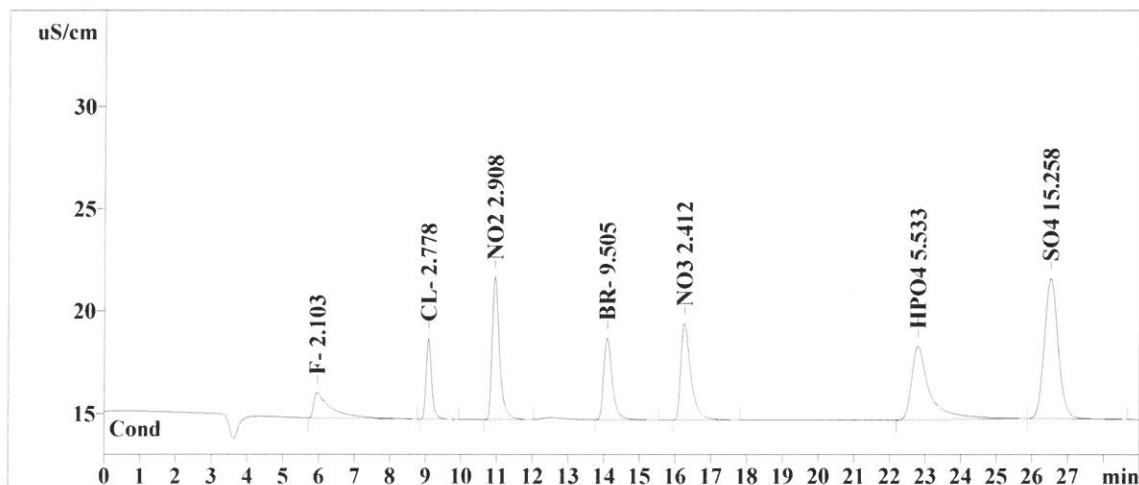
Ident: LB103087BSW3
Analysis from: 6/3/2019 9:56:02 AM
File: _2019-06-03_

Last save: 6/3/2019 11:13:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67052

Last save: 5/30/2019 2:14:16 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	0.406	1.24	3.98	42.060	6.41	0.
2	9.08	0.164	3.91	12.57	43.593	6.64	0.
3	10.95	0.211	6.94	22.29	100.133	15.26	0.
4	14.09	0.242	3.97	12.75	65.347	9.96	0.
5	16.25	0.286	4.68	15.02	91.714	13.97	0.
6	22.79	0.449	3.58	11.49	128.769	19.62	0.
7	26.52	0.412	6.82	21.90	184.673	28.14	0.
7	29.00	0.310	31.14	99.99	656.289	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 11:12:32 AM
Printed by: wet

Ident: K3145-02DLX2
Analysis from: 6/3/2019 10:27:56 AM
File: _2019-06-03_

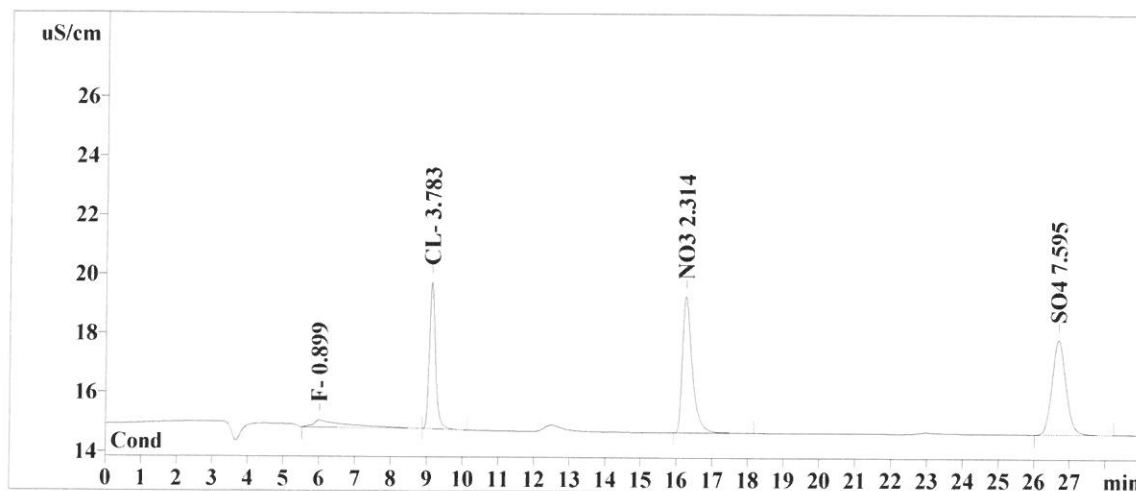
Last save: 6/3/2019 11:12:28 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67053

Last save: 5/30/2019 2:14:16 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	6.00	0.794	0.24	1.86	15.978	6.35	0.
2	9.13	0.179	4.94	38.07	59.935	23.83	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	16.25	0.278	4.60	35.45	87.842	34.93	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.68	0.418	3.19	24.61	87.724	34.88	0.
7	29.00	0.238	12.98	99.99	251.479	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 12:33:25 PM
Printed by: wet

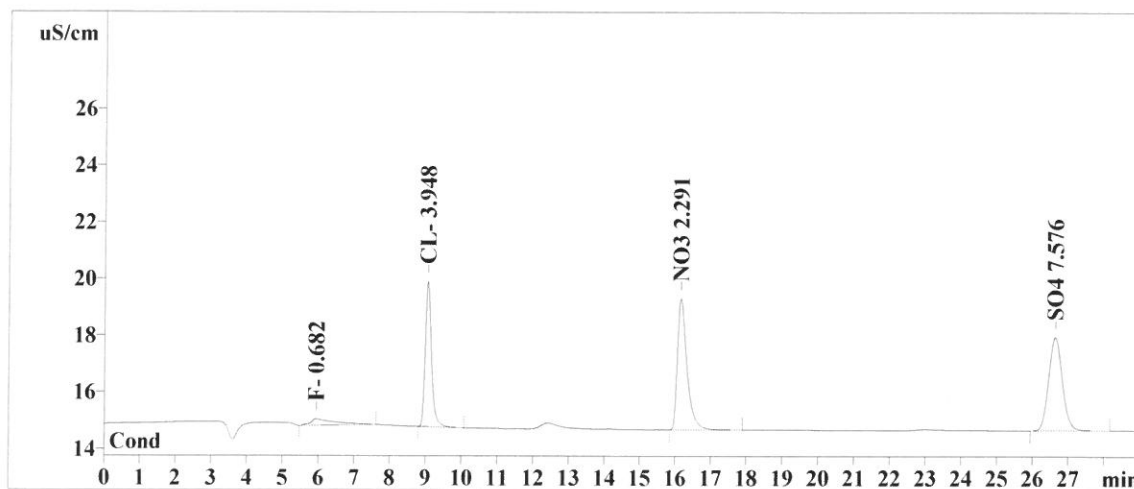
Ident: K3145-03DLX2
Analysis from: 6/3/2019 10:59:50 AM
File: _2019-06-03_

Last save: 6/3/2019 12:33:26 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67054

Last save: 5/30/2019 2:14:16 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	5.94	0.673	0.23	1.73	11.270	4.54	0.
2	9.06	0.180	5.11	38.64	62.612	25.22	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	16.15	0.274	4.61	34.86	86.939	35.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.63	0.407	3.28	24.77	87.489	35.23	0.
7	29.00	0.219	13.24	99.99	248.311	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/3/2019 12:33:36 PM
 Printed by: wet

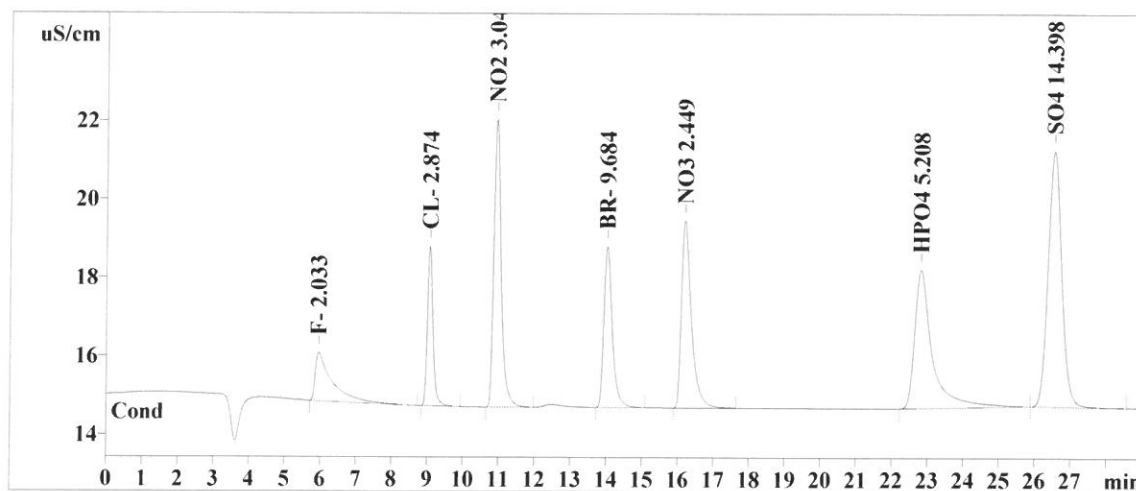
Ident: CCV
 Analysis from: 6/3/2019 11:31:44 AM
 File: _2019-06-03_

Last save: 6/3/2019 12:00:32 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67055

Last save: 5/30/2019 2:14:16 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	0.407	1.23	3.89	40.556	6.28	0.
2	9.07	0.164	4.06	12.89	45.153	6.99	0.
3	10.93	0.211	7.33	23.25	105.093	16.26	0.
4	14.02	0.240	4.10	13.00	66.613	10.31	0.
5	16.19	0.285	4.76	15.12	93.156	14.42	0.
6	22.81	0.435	3.52	11.17	121.836	18.85	0.
7	26.54	0.405	6.52	20.68	173.788	26.89	0.
7	29.00	0.307	31.52	99.99	646.196	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/3/2019 12:33:51 PM
Printed by: wet

Ident: CCB
Analysis from: 6/3/2019 12:03:38 PM
File: _2019-06-03_

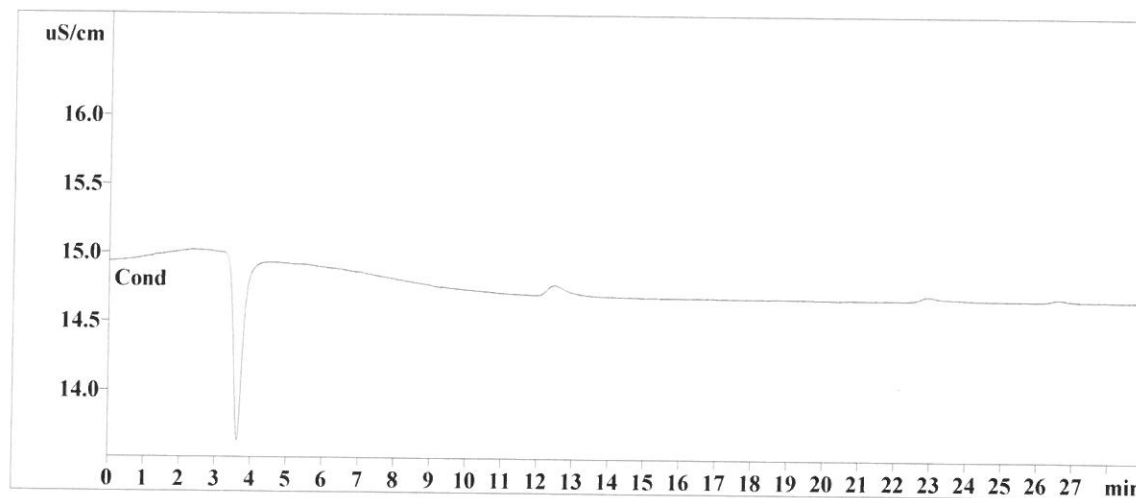
Last save: 6/3/2019 12:33:50 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67056

Last save: 5/30/2019 2:14:16 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