

Clear table

IC-1 300.0

06/13/19 AD

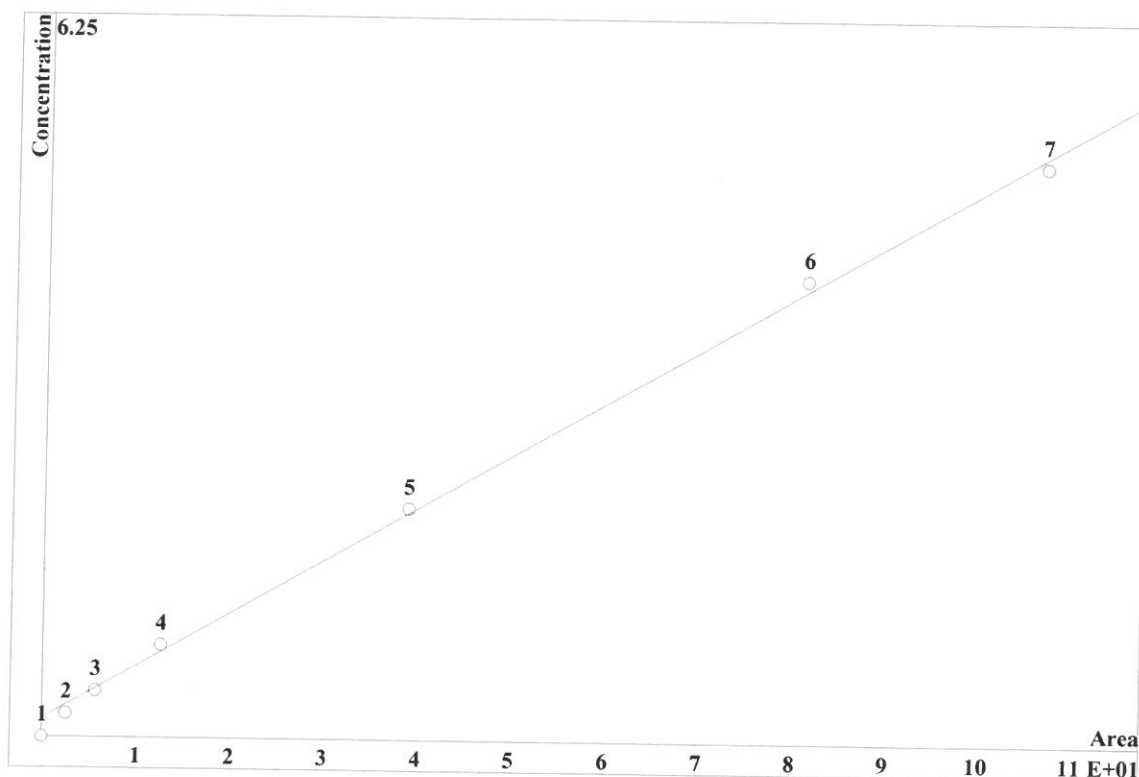
ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-23_	5/23/19 14:53		AK/AP
STD2	0.2780	0.3730	0.3800	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 19:16		AK/AP
CCV	2.1130	2.8060	2.9720	9.3520	2.3420	4.7080	14.1410	2019-06-11_	6/11/19 9:11		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-11_	6/11/19 9:42		AK/AP
K3284-12	0.0000	222.6240	0.0000	0.0000	2.6240	0.0000	58.2900	2019-06-11_	6/11/19 10:12		AK/AP
K3284-03	0.0000	375.1040	0.0000	0.0000	4.0600	0.0000	27.9780	2019-06-11_	6/11/19 10:43		AK/AP
K3284-09	0.0000	34.2330	0.0000	0.0000	7.1360	0.0000	3.6290	2019-06-11_	6/11/19 11:14		AK/AP
K3284-02	0.0000	118.4050	0.0000	0.9040	2.2190	0.0000	15.3150	2019-06-11_	6/11/19 11:45		AK/AP
K3284-05	0.0000	223.7060	0.0000	0.0000	2.6280	0.0000	56.8490	2019-06-11_	6/11/19 12:15		AK/AP
K3284-11	0.0000	12.6650	0.0000	0.0000	1.8990	0.0000	5.5000	2019-06-11_	6/11/19 12:46		AK/AP
K3284-14	0.0000	56.3640	0.0000	0.0000	5.5980	0.0000	9.8250	2019-06-11_	6/11/19 13:17		AK/AP
K3284-10	0.2180	351.9830	0.0000	0.4750	1.6970	0.0000	92.6070	2019-06-11_	6/11/19 13:48		AK/AP
K3284-04RE	0.0000	141.9110	0.0000	0.0000	0.1670	0.0000	21.2080	2019-06-11_	6/11/19 14:19		AK/AP
K3284-05DUP	0.0000	74.1380	0.0000	0.0000	4.4220	0.0000	9.3730	2019-06-11_	6/11/19 14:50		AK/AP
CCV	2.0520	2.8310	3.0210	9.7230	2.4000	5.4890	14.4630	2019-06-11_	6/11/19 15:54		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-11_	6/11/19 17:02		AK/AP
LB103332BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-11_	6/11/19 18:36		AK/AP
LB103332BSW	2.0390	2.7300	2.8610	9.2090	2.3000	5.4980	13.9480	2019-06-11_	6/11/19 19:07		AK/AP
K3284-16	0.0000	13.5750	0.0000	0.0000	1.9350	0.0000	11.8550	2019-06-11_	6/11/19 19:39		AK/AP
K3284-15	0.0000	344.5210	0.0000	0.0000	3.3590	0.0000	24.6560	2019-06-11_	6/11/19 20:10		AK/AP
K3284-17	0.0000	40.7570	0.0000	0.0000	5.1910	0.0000	19.2880	2019-06-11_	6/11/19 20:41		AK/AP
K3284-18	0.0000	157.1590	0.0000	1.3810	3.2030	0.0000	20.6100	2019-06-11_	6/11/19 21:13		AK/AP
K3284-19	0.0000	23.4760	0.0000	0.0000	0.7490	0.0000	5.0550	2019-06-11_	6/11/19 21:44		AK/AP
K3284-20	0.0000	226.9110	0.0000	0.0000	2.6430	0.0000	55.2000	2019-06-11_	6/11/19 22:16		AK/AP
K3299-04	0.2170	44.8730	0.1850	0.0000	0.8340	0.0000	6.9290	2019-06-11_	6/11/19 22:47		AK/AP
K3300-06	0.2880	16.8480	0.0000	0.0000	0.5620	0.6650	4.3810	2019-06-11_	6/11/19 23:18		AK/AP
CCV	1.9930	2.7940	2.9230	9.2790	2.3140	5.4960	13.6830	2019-06-11_	6/11/19 23:50		AK/AP

[illegible]

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
 AK



K3 = 0 K2 = 0 K1 = 0.922718 K0 = 3.24068

Base: Area

Ref.channel: Cond

ISTD:

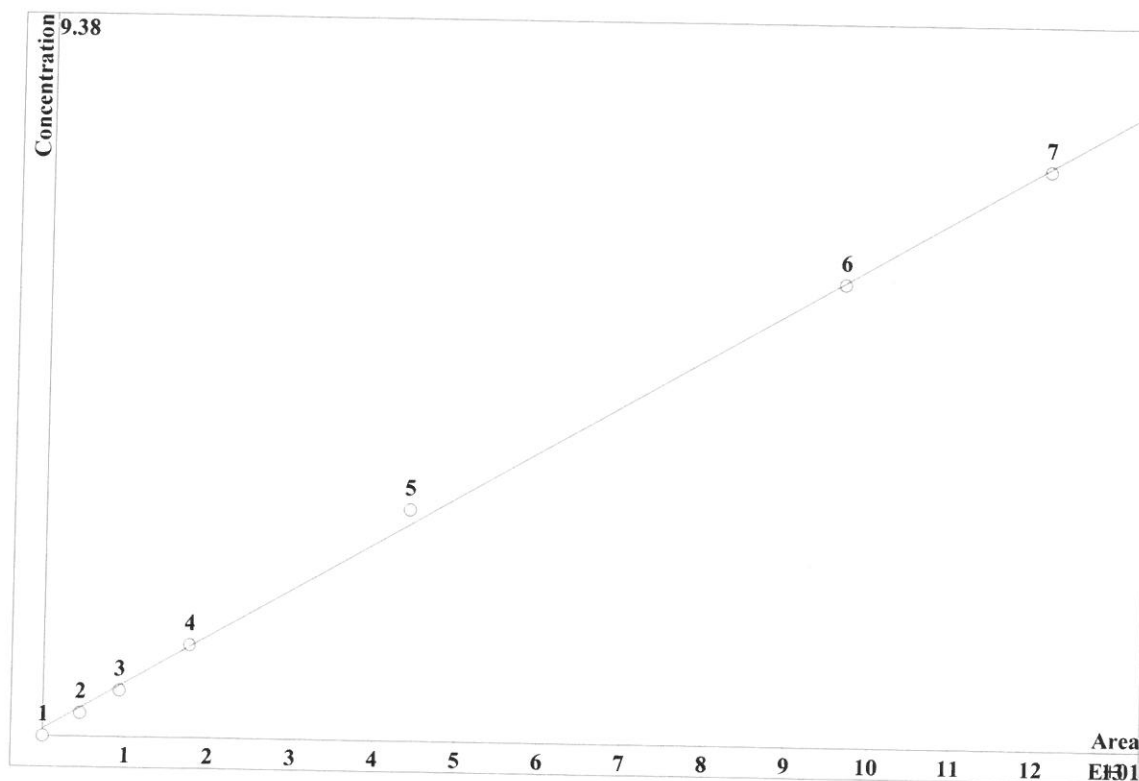
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0	0		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:

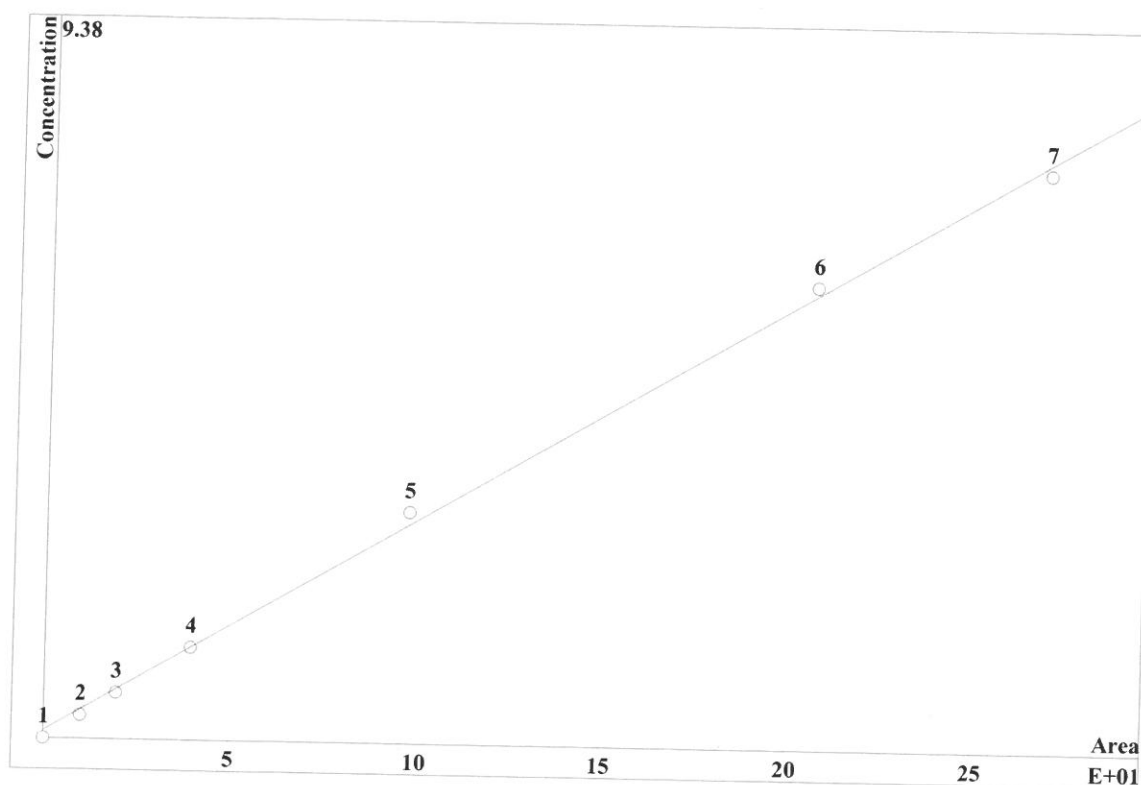
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0	0		
2	0.3926	4.488	0.3	20	9.288		No
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

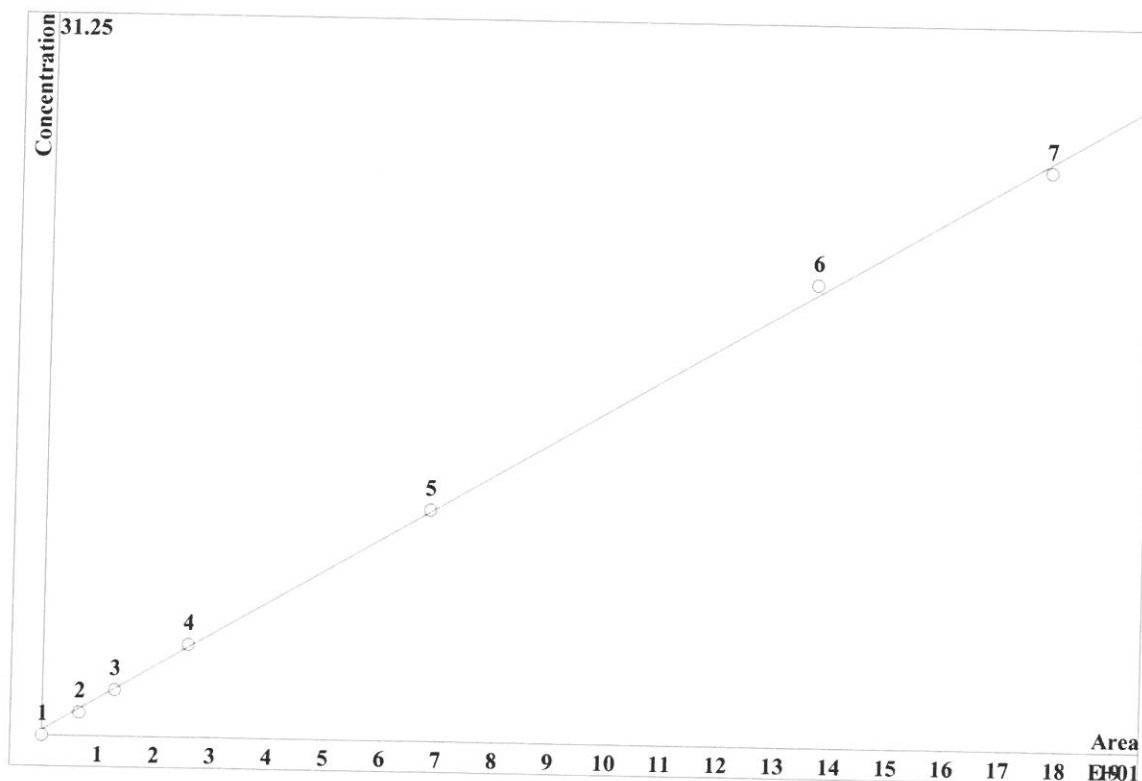


K3 = 0 K2 = 0 K1 = 0.560443 K0 = 2.03838
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

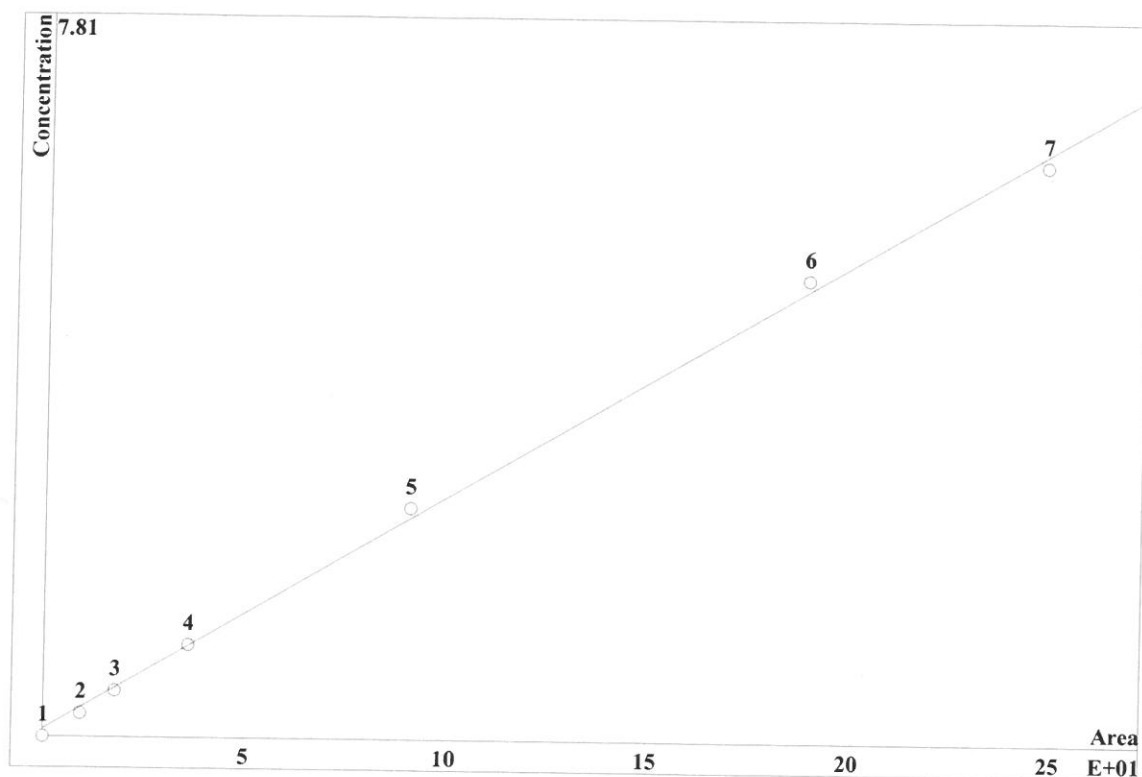


K3 = 0 K2 = 0 K1 = 2.83423 K0 = 4.8869
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



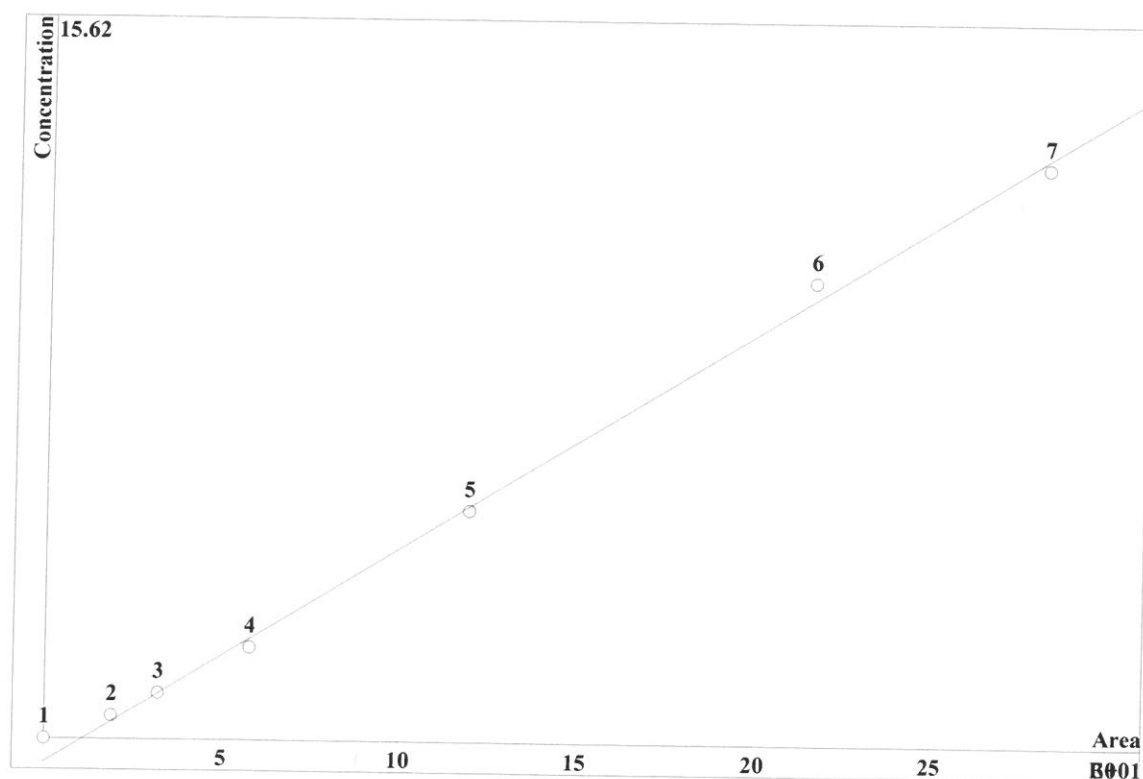
K3 = 0 K2 = 0 K1 = 0.507461 K0 = 1.69823
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

±□□

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

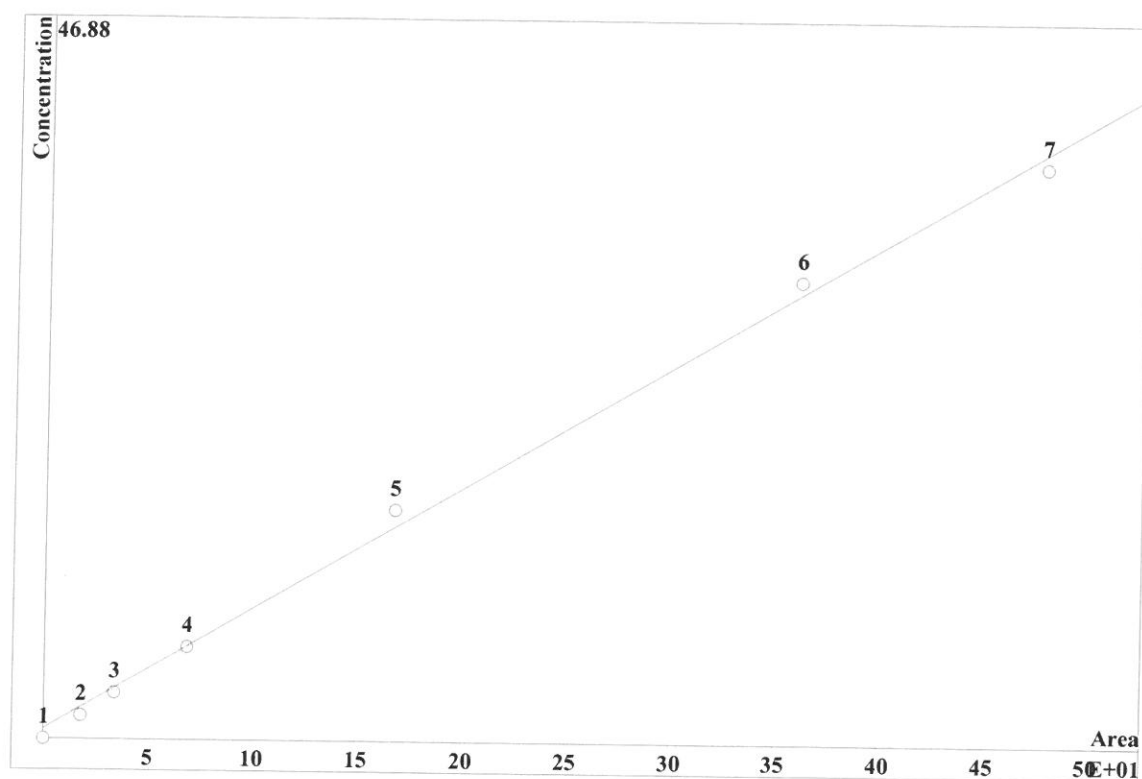


K3 = 0 K2 = 0 K1 = 0.938552 K0 = -10.1883
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

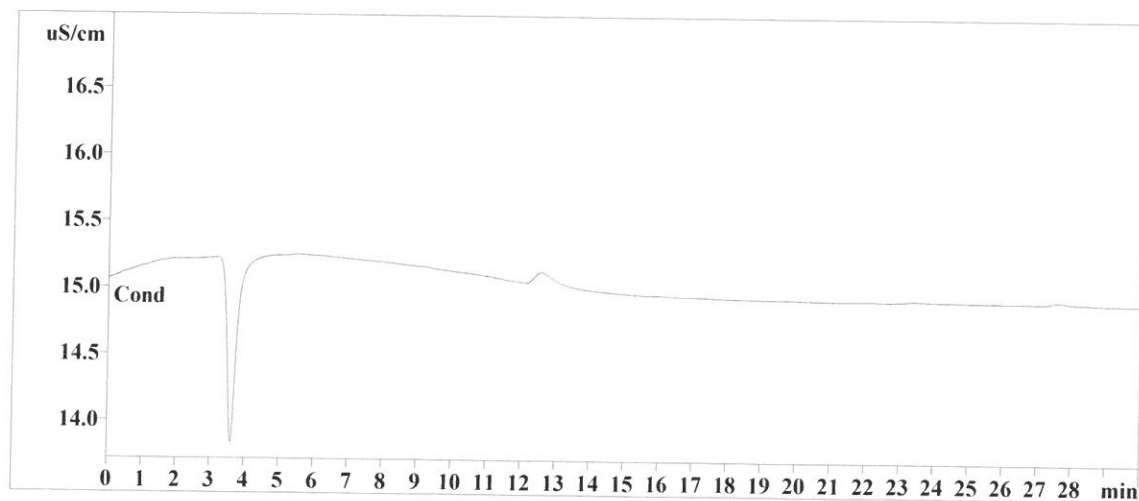
Ident: STD1
Analysis from: 5/23/2019 2:53:41 PM
File: _2019-05-23_

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

This report has been created by IC Net
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Report date: 5/24/2019 10:57:48 AM
Printed by: wet

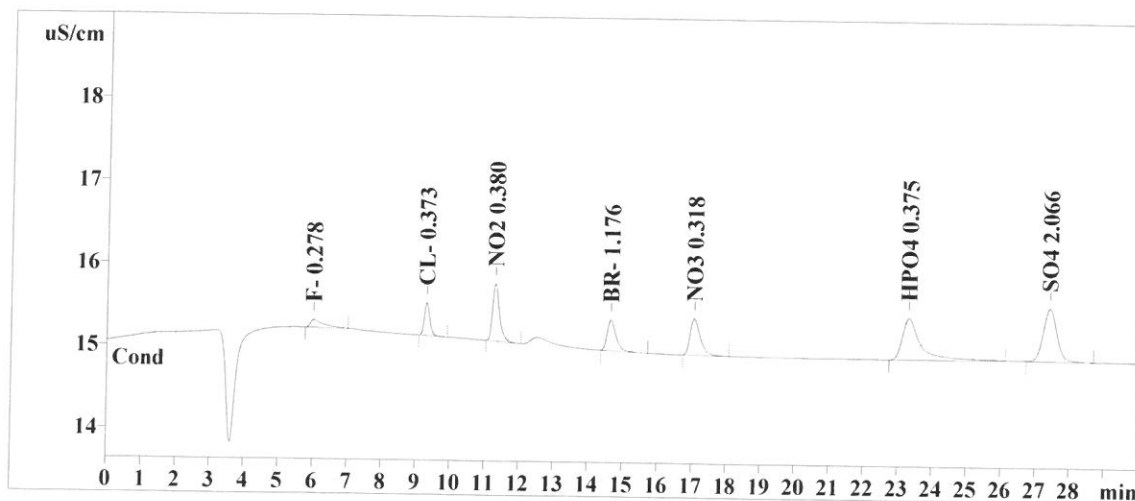
Ident: STD2
Analysis from: 5/23/2019 3:26:35 PM
File: _2019-05-23_

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

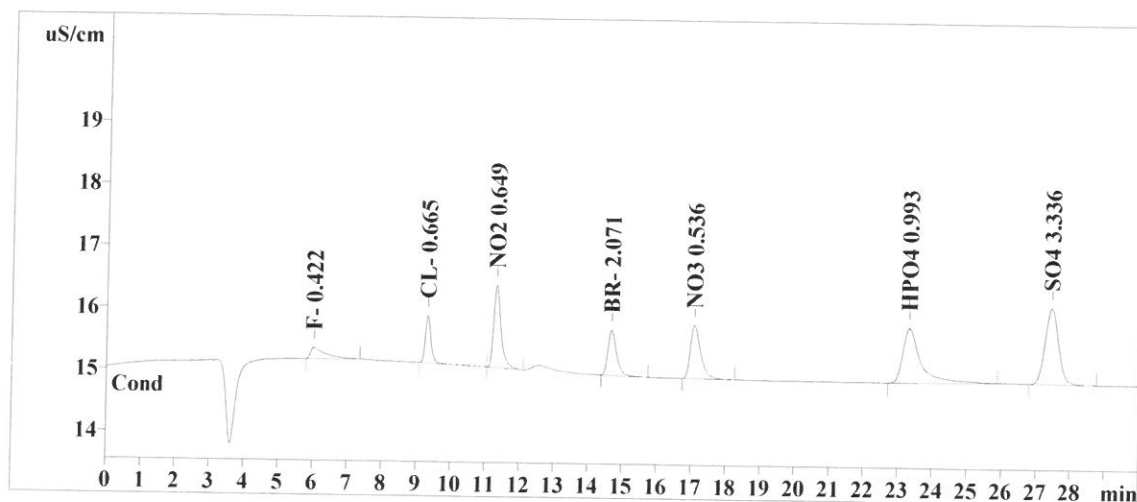
Ident: STD3
Analysis from: 5/23/2019 3:59:29 PM
File: _2019-05-23_

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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Report date: 5/24/2019 10:58:04 AM
Printed by: wet

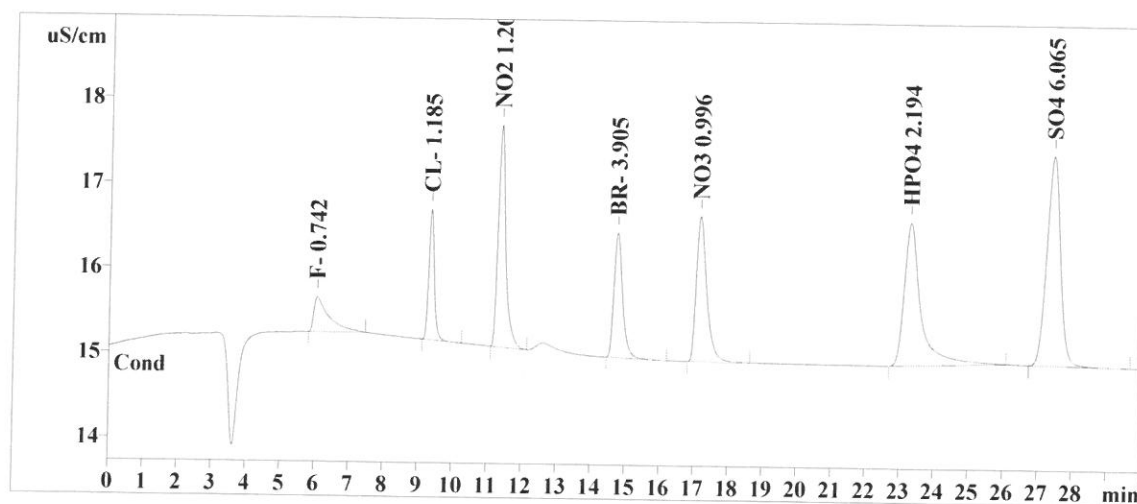
Ident: STD4
Analysis from: 5/23/2019 4:32:22 PM
File: _2019-05-23_

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

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

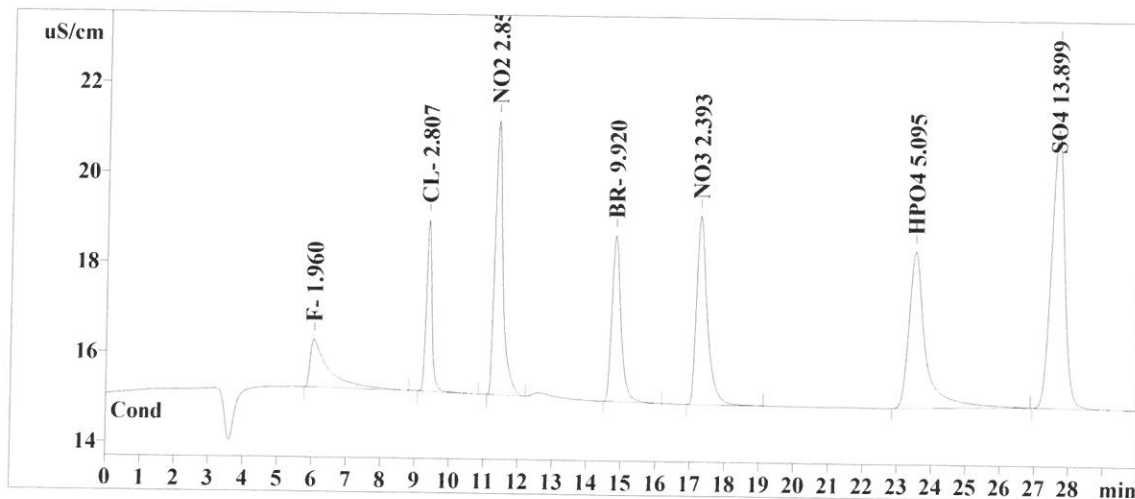
Ident: STD5
 Analysis from: 5/23/2019 5:05:16 PM
 File: _2019-05-23_

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.

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

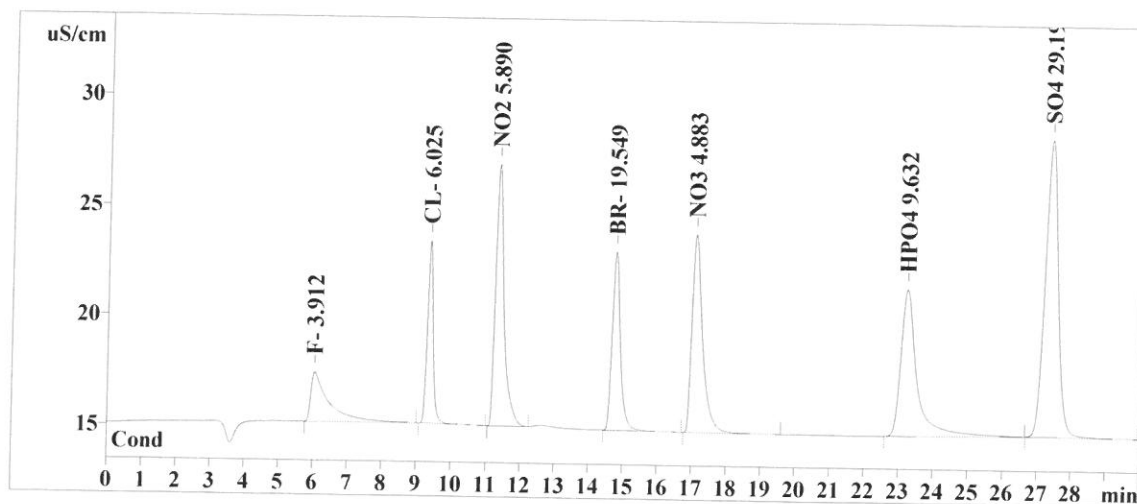
Ident: STD6
 Analysis from: 5/23/2019 5:38:10 PM
 File: _2019-05-23_

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
 METROHM LTD

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

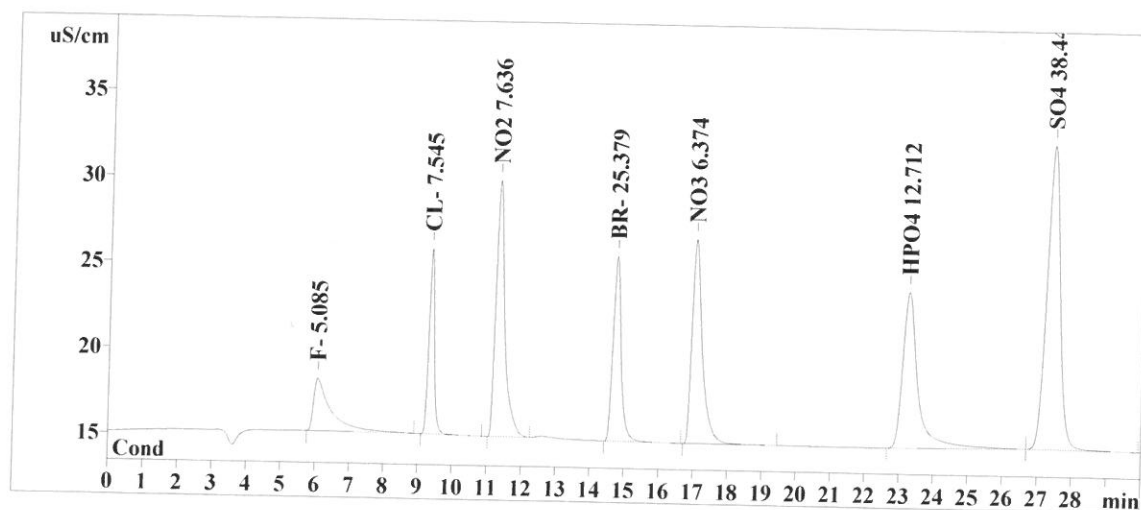
Ident: STD7
Analysis from: 5/23/2019 6:11:04 PM
File: _2019-05-23_

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

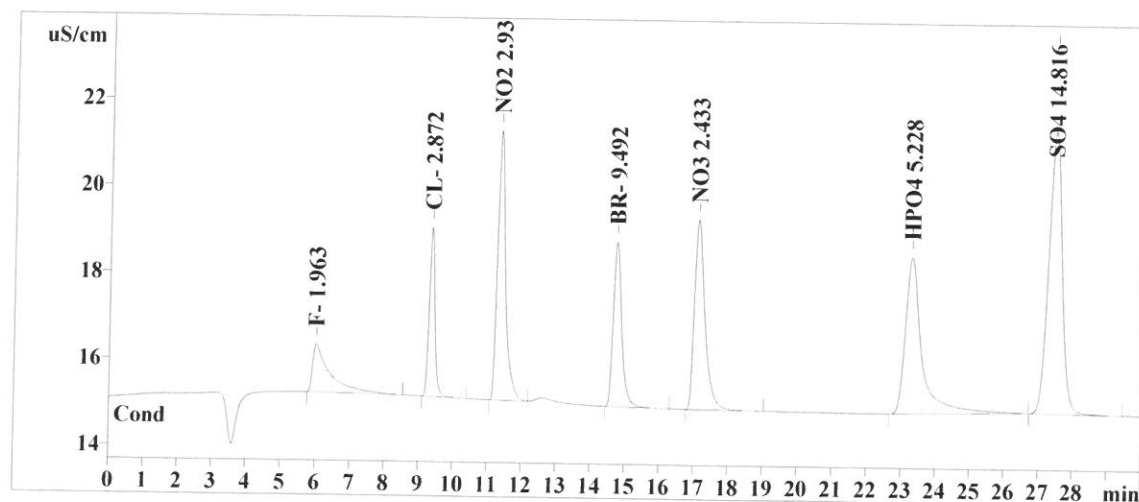
Ident: ICV
Analysis from: 5/23/2019 6:43:57 PM
File: _2019-05-23_

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
METROHM LTD

Report date: 5/24/2019 10:59:29 AM
Printed by: wet

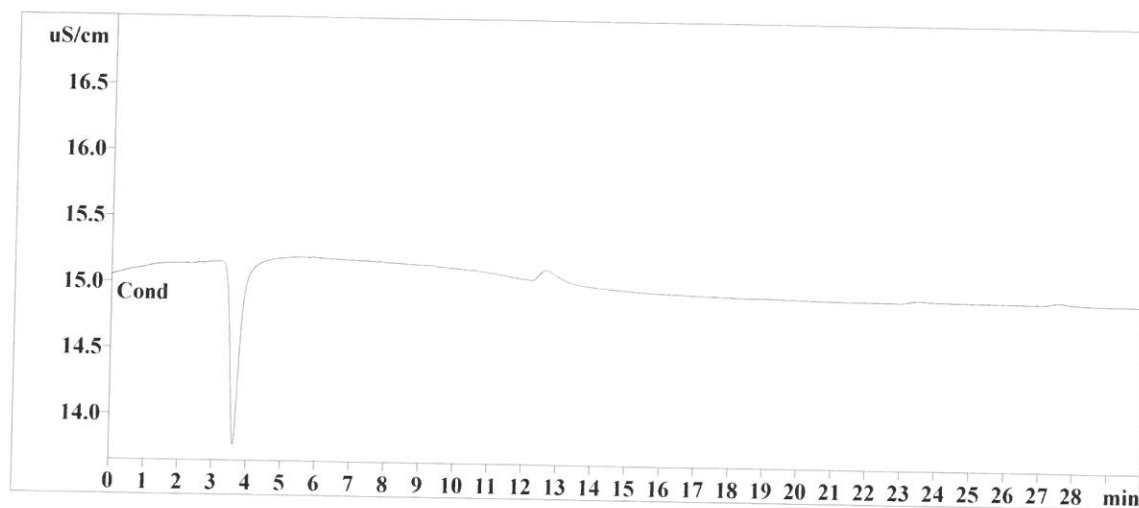
Ident: ICB
Analysis from: 5/23/2019 7:16:51 PM
File: _2019-05-23_

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: 6/11/2019 3:27:26 PM
 Printed by: wet

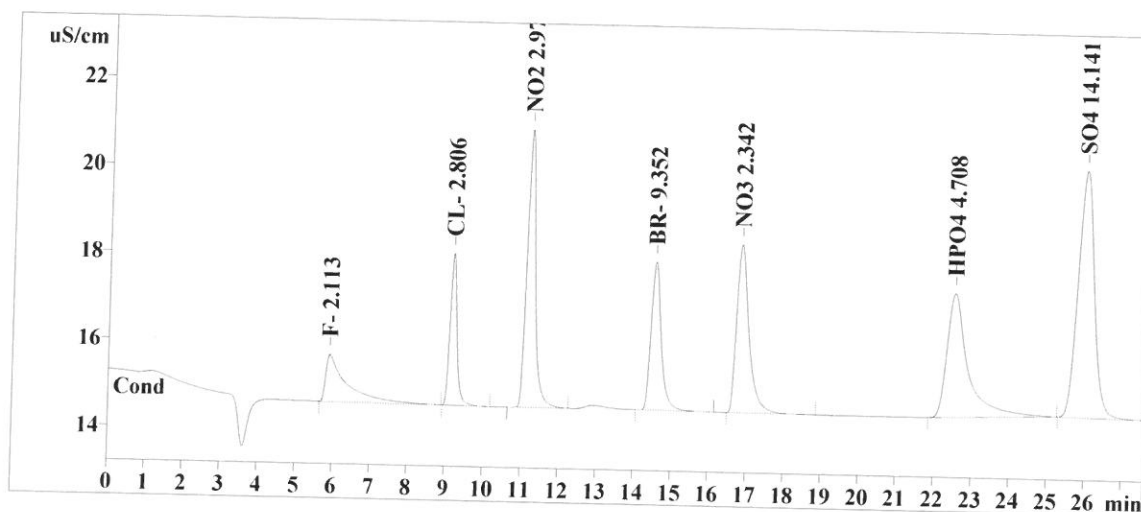
Ident: CCV
 Analysis from: 6/11/2019 9:11:51 AM
 File: _2019-06-11_

Last save: 6/11/2019 9:39:16 AM

Method: ANIONS 05-23-19.mtw
 Run operator: wet
 Analysis number: 67328

Last save: 6/10/2019 4:05:28 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	5.91	0.445	1.08	4.06	42.281	6.78	0.
2	9.17	0.187	3.48	13.04	44.051	7.06	0.
3	11.17	0.236	6.37	23.88	102.414	16.42	0.
4	14.53	0.279	3.39	12.73	64.273	10.31	0.
5	16.82	0.337	3.85	14.43	88.939	14.26	0.
6	22.50	0.498	2.84	10.65	111.184	17.83	0.
7	25.94	0.461	5.65	21.20	170.538	27.34	0.
7	27.60	0.349	26.66	100.00	623.681	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/11/2019 3:27:34 PM
Printed by: wet

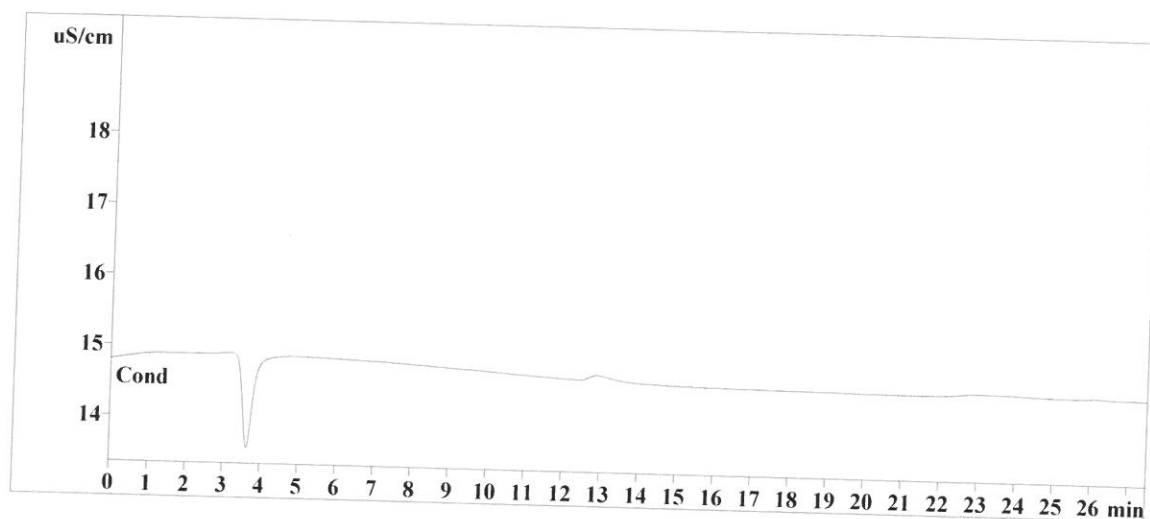
Ident: CCB
Analysis from: 6/11/2019 9:42:22 AM
File: _2019-06-11_

Last save: 6/11/2019 10:09:42 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67329

Last save: 6/11/2019 9:39:44 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 3:17:37 PM
 Printed by: wet

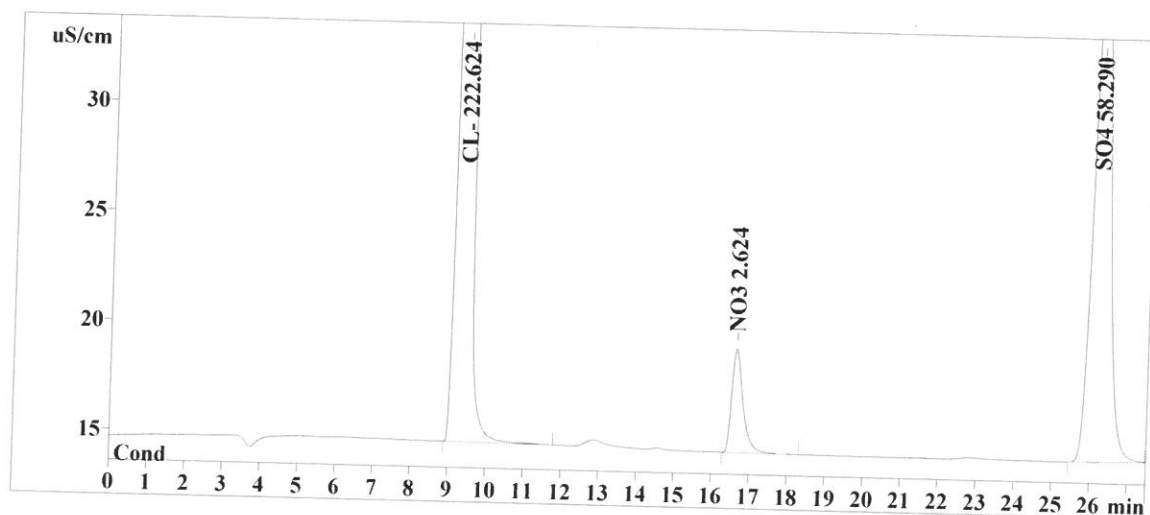
Ident: K3284-12
 Analysis from: 6/11/2019 10:12:47 AM
 File: _2019-06-11_

Last save: 6/11/2019 3:17:38 PM

Method: ANIONS 05-23-19.mtw
 Run operator: wet
 Analysis number: 67330

Last save: 6/11/2019 10:40:06 AM

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	9.39	0.248	230.87	88.73	3617.971	81.35	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	16.62	0.312	4.72	1.81	100.071	2.25	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.15	0.456	24.57	9.44	729.104	16.39	0.
7	27.50	0.145	260.16	99.98	4447.146	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/11/2019 3:18:17 PM
Printed by: wet

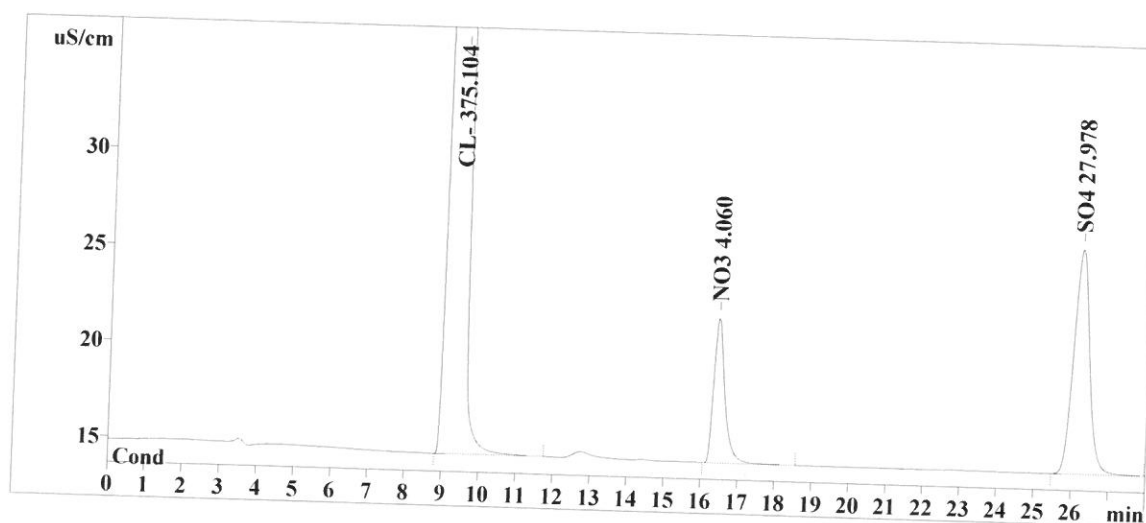
Ident: K3284-03
Analysis from: 6/11/2019 10:43:11 AM
File: _2019-06-11_

Last save: 6/11/2019 3:17:08 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67331

Last save: 6/11/2019 10:40:06 AM

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	0.00	0.00	0.000	0.00	0.
2	9.43	0.320	312.53	94.19	6097.084	92.39	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.40	0.306	7.46	2.25	156.650	2.37	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.17	0.454	11.61	3.50	345.608	5.24	0.
7	28.00	0.154	331.61	99.94	6599.341	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 3:19:32 PM
Printed by: wet

Ident: K3284-09
Analysis from: 6/11/2019 11:14:06 AM
File: _2019-06-11_

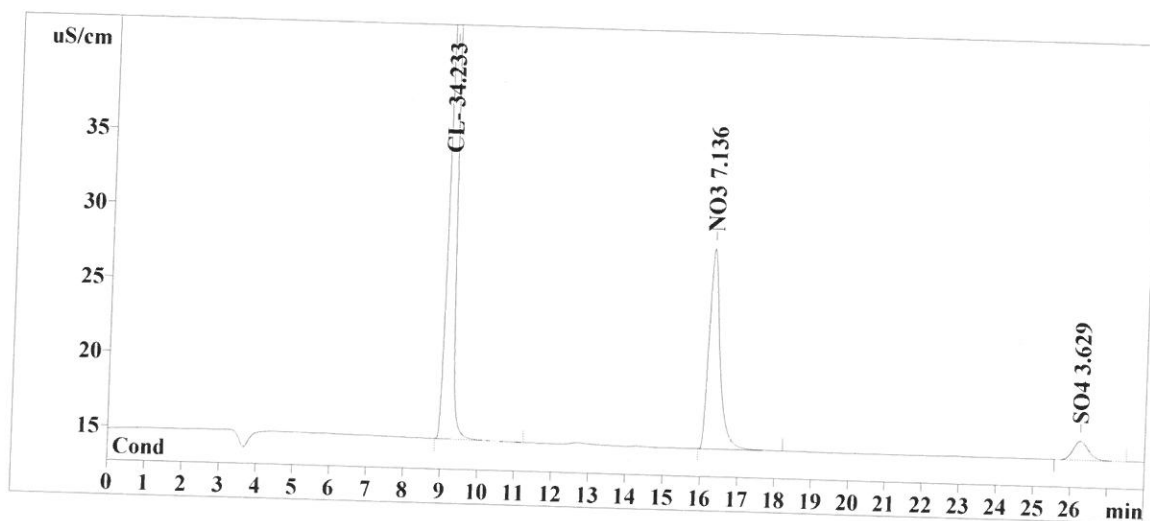
Last save: 6/11/2019 3:19:32 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67332

Last save: 6/11/2019 10:40:06 AM

SAMPLE:

: AK/AP
Vial number: 21
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.14	0.165	49.77	77.21	555.017	63.76	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.25	0.300	13.43	20.83	277.889	31.92	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.27	0.453	1.26	1.96	37.543	4.31	0.
7	28.00	0.131	64.47	100.00	870.450	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 3:23:38 PM
Printed by: wet

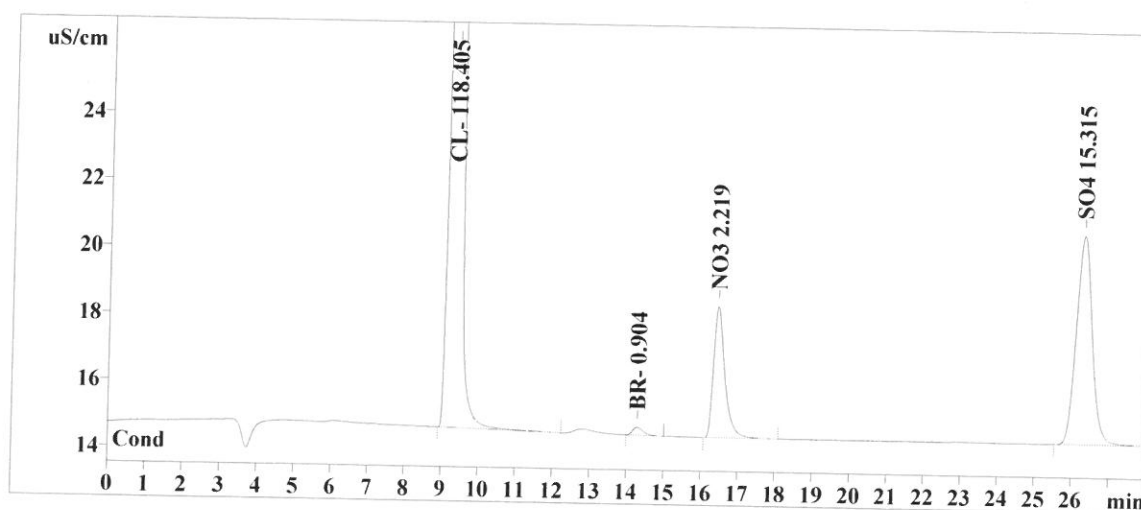
Ident: K3284-02
Analysis from: 6/11/2019 11:45:01 AM
File: _2019-06-11_

Last save: 6/11/2019 3:19:56 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67333

Last save: 6/11/2019 10:40:06 AM

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	9.32	0.196	150.81	93.57	1923.519	87.52	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.28	0.299	0.23	0.15	4.654	0.21	0.
5	16.42	0.317	3.90	2.42	84.124	3.83	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.28	0.454	6.23	3.86	185.399	8.44	0.
7	28.00	0.181	161.18	100.00	2197.696	100.00	0.

This report has been created by IC Net
METROHM LTD

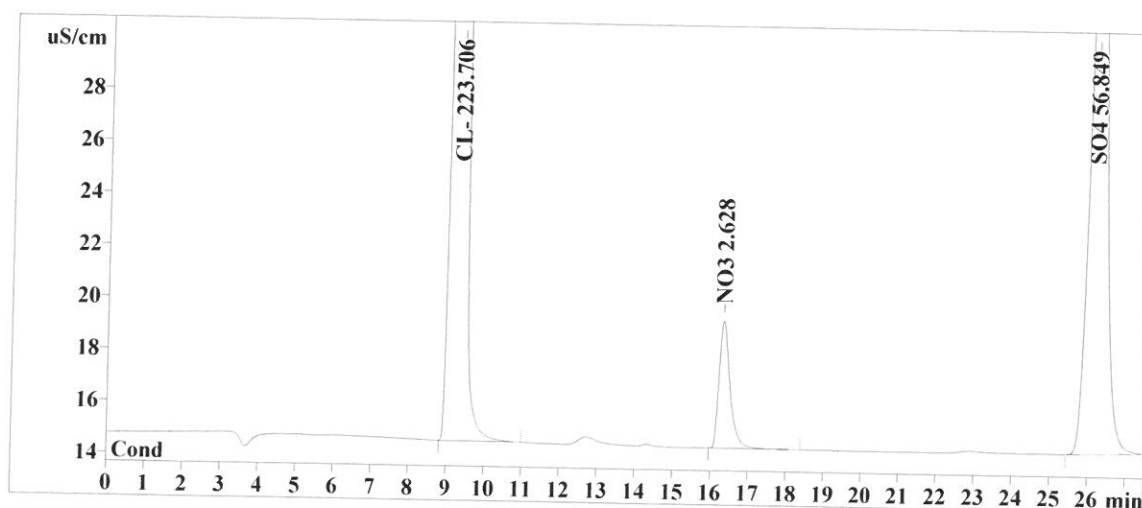
Report date: 6/11/2019 3:24:23 PM
 Printed by: wet
 Ident: K3284-05
 Analysis from: 6/11/2019 12:15:56 PM
 File: _2019-06-11_

Last save: 6/11/2019 3:24:24 PM

Method: ANIONS 05-23-19.mtw
 Run operator: wet
 Analysis number: 67334

Last save: 6/11/2019 10:40:06 AM

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	9.31	0.250	231.51	88.66	3635.571	81.76	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.31	0.301	4.87	1.87	100.230	2.25	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.14	0.441	24.72	9.46	710.871	15.99	0.
7	27.50	0.142	261.10	99.99	4446.672	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/11/2019 3:24:46 PM
Printed by: wet

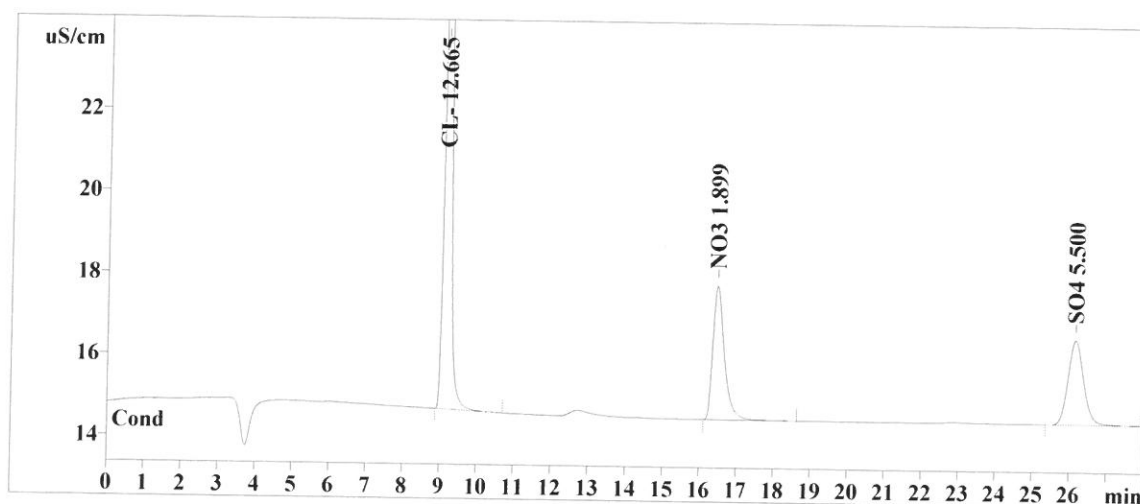
Ident: K3284-11
Analysis from: 6/11/2019 12:46:21 PM
File: _2019-06-11_

Last save: 6/11/2019 3:17:08 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67335

Last save: 6/11/2019 10:40:06 AM

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	9.15	0.171	17.57	76.70	204.339	60.62	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	16.45	0.320	3.27	14.28	71.503	21.21	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.16	0.450	2.07	9.02	61.225	18.16	0.
7	28.00	0.134	22.91	99.99	337.066	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 3:25:08 PM
Printed by: wet

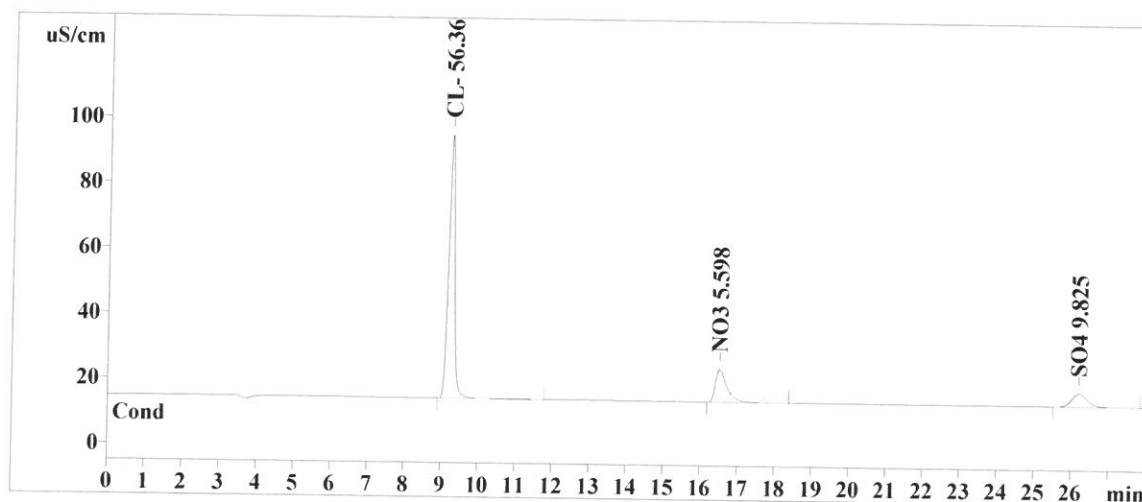
Ident: K3284-14
Analysis from: 6/11/2019 1:17:16 PM
File: _2019-06-11_

Last save: 6/11/2019 3:17:08 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67336

Last save: 6/11/2019 10:40:06 AM

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	9.24	0.170	80.55	85.20	914.828	73.30	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	16.51	0.314	10.02	10.60	217.296	17.41	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.21	0.445	3.97	4.19	115.936	9.29	0.
7	28.00	0.133	94.53	100.00	1248.060	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 3:25:59 PM
Printed by: wet

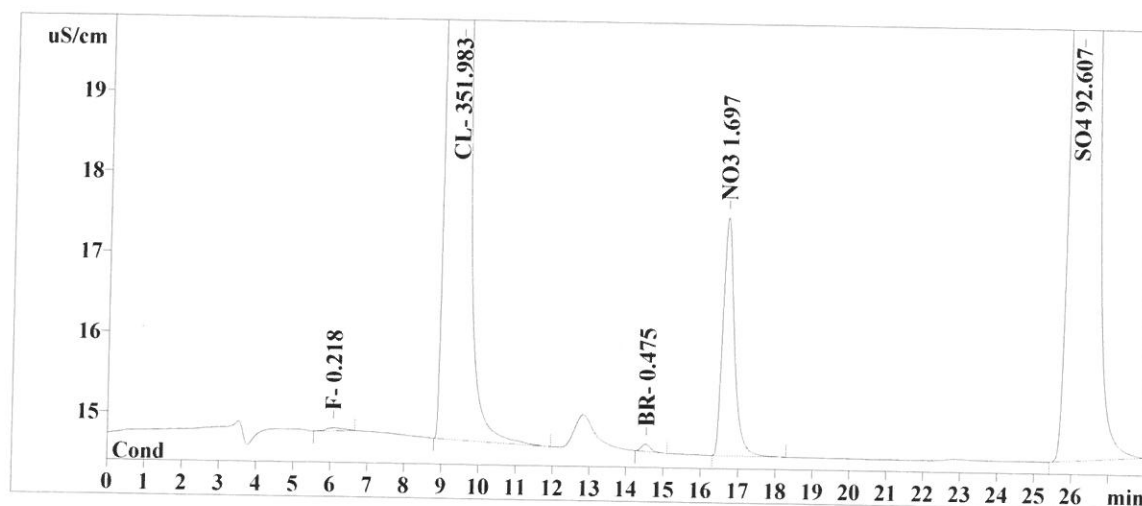
Ident: K3284-10
Analysis from: 6/11/2019 1:48:10 PM
File: _2019-06-11_

Last save: 6/11/2019 3:17:08 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67337

Last save: 6/11/2019 10:40:06 AM

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	6.08	0.512	0.04	0.01	1.207	0.02	0.
2	9.40	0.310	300.42	87.66	5721.161	82.31	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.52	0.268	0.09	0.03	1.625	0.02	0.
5	16.64	0.316	2.96	0.86	63.545	0.91	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.14	0.460	38.92	11.36	1163.262	16.74	0.
7	28.00	0.267	342.43	99.92	6950.801	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 3:26:10 PM
Printed by: wet

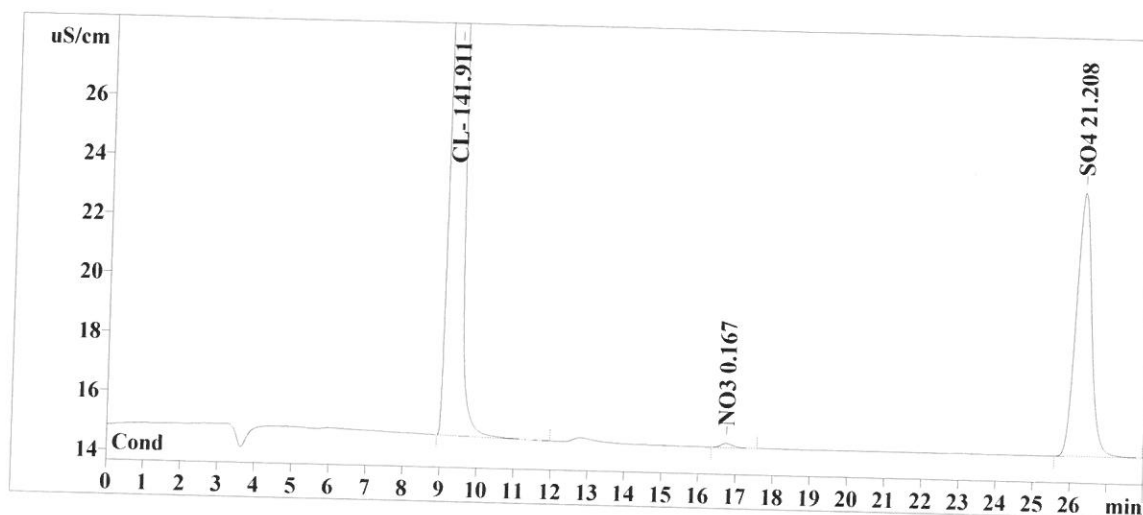
Ident: K3284-04RE
Analysis from: 6/11/2019 2:19:05 PM
File: _2019-06-11_

Last save: 6/11/2019 2:46:54 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67338

Last save: 6/11/2019 10:40:52 AM

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	9.33	0.210	170.53	94.96	2305.691	89.75	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	16.74	0.336	0.14	0.08	3.240	0.13	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.26	0.446	8.89	4.95	259.946	10.12	0.
7	28.00	0.142	179.56	99.99	2568.877	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 3:27:16 PM
Printed by: wet

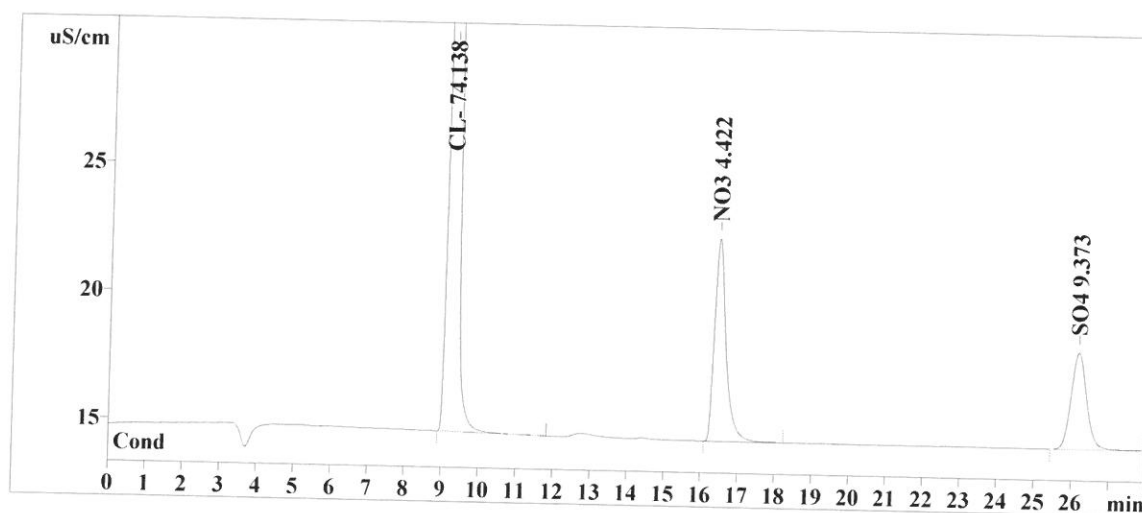
Ident: K3284-05DUP
Analysis from: 6/11/2019 2:50:00 PM
File: _2019-06-11_

Last save: 6/11/2019 3:17:48 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67339

Last save: 6/11/2019 10:40:52 AM

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 %	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.24	0.176	103.13	89.84	1203.799	81.07	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.43	0.315	7.89	6.88	170.914	11.51	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.16	0.446	3.76	3.28	110.218	7.42	0.
7	28.00	0.134	114.79	100.00	1484.930	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:42:51 AM
Printed by: wet

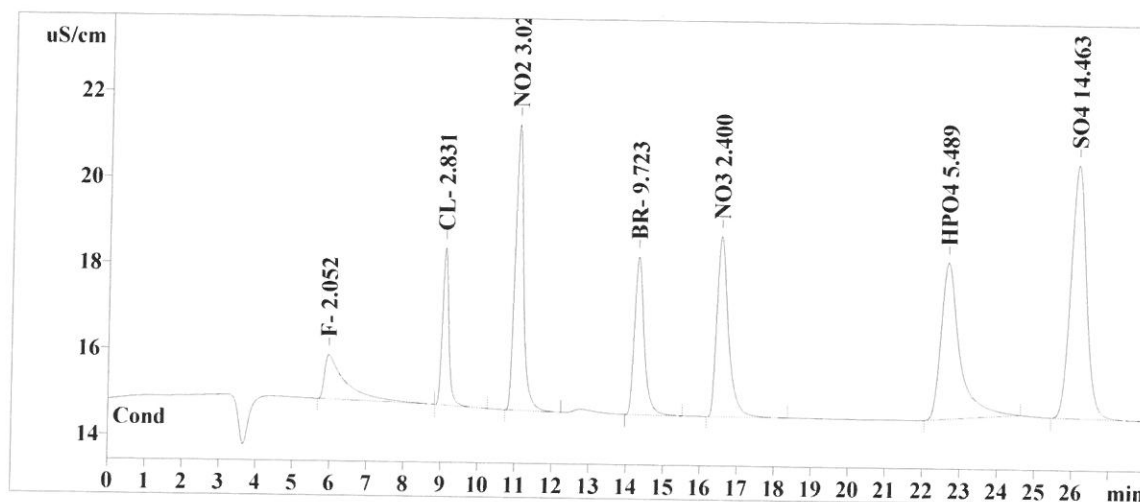
Ident: CCV
Analysis from: 6/11/2019 3:54:55 PM
File: _2019-06-11_

Last save: 6/11/2019 5:00:44 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67341

Last save: 6/11/2019 10:40:52 AM

SAMPLE:
: AK/AP
Vial number: 120
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	0.488	1.03	3.59	40.972	6.30	0.
2	9.09	0.179	3.66	12.74	44.463	6.84	0.
3	11.04	0.230	6.64	23.12	104.188	16.02	0.
4	14.30	0.270	3.67	12.77	66.889	10.29	0.
5	16.52	0.317	4.19	14.60	91.239	14.03	0.
6	22.64	0.472	3.63	12.66	127.827	19.66	0.
7	26.12	0.453	5.89	20.51	174.616	26.86	0.
7	28.00	0.344	28.70	100.00	650.194	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:42:59 AM
Printed by: wet

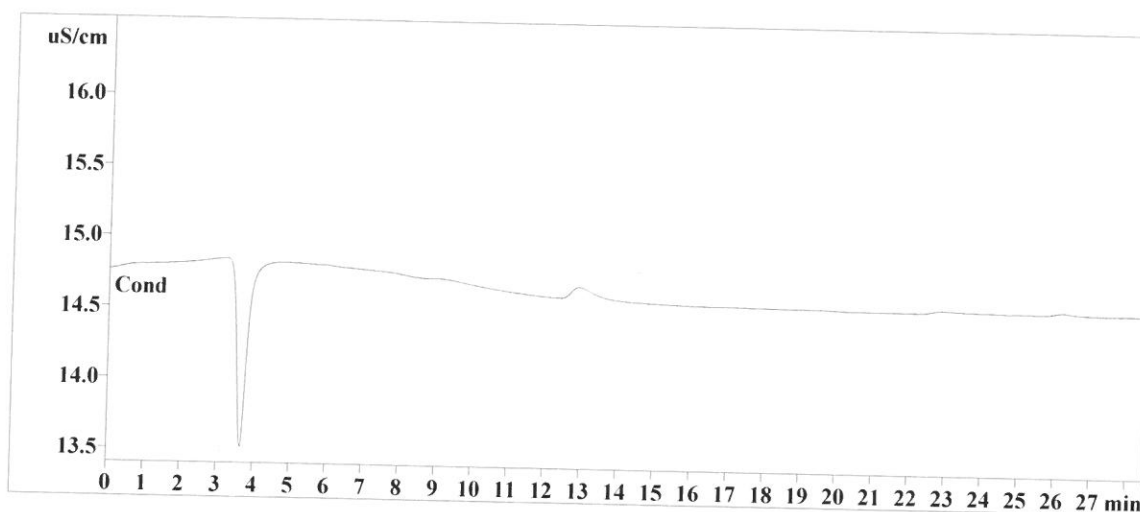
Ident: CCB
Analysis from: 6/11/2019 5:02:00 PM
File: _2019-06-11_

Last save: 6/11/2019 5:30:20 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67343

Last save: 6/11/2019 4:59:10 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:46:09 AM
Printed by: wet

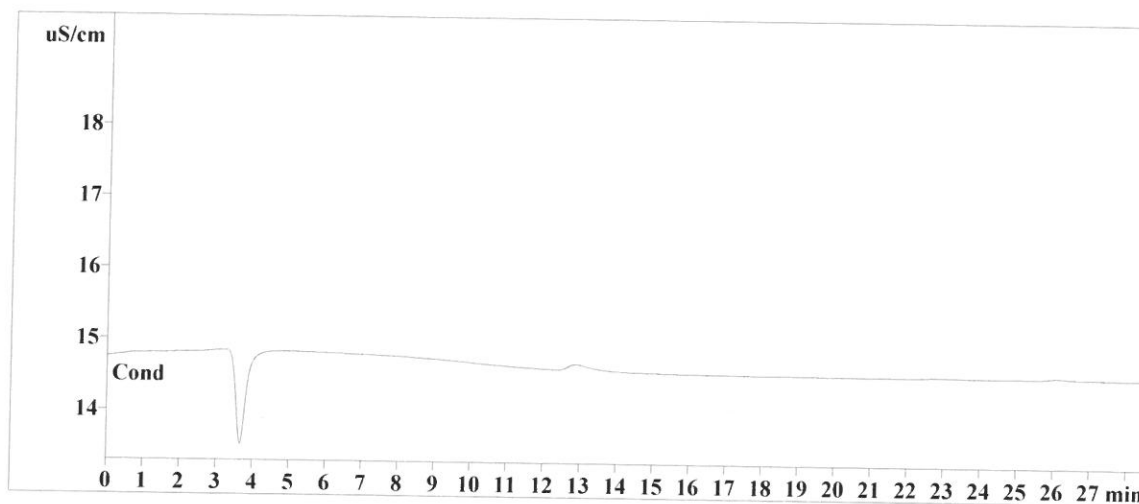
Ident: LB103332BLW
Analysis from: 6/11/2019 6:36:14 PM
File: _2019-06-11_

Last save: 6/12/2019 9:45:46 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67346

Last save: 6/11/2019 4:59:10 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: 6/12/2019 9:46:16 AM
Printed by: wet

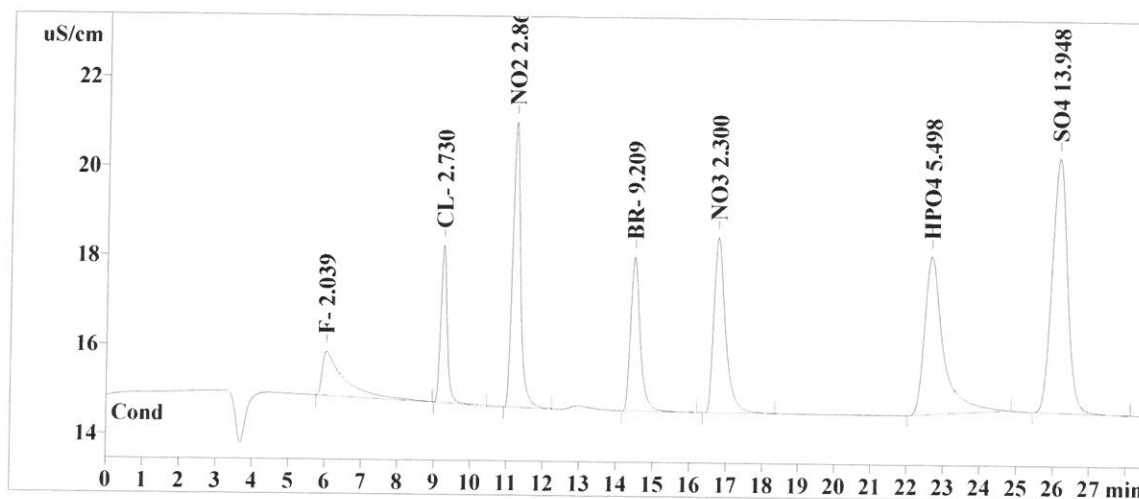
Ident: LB103332BSW
Analysis from: 6/11/2019 7:07:39 PM
File: _2019-06-11_

Last save: 6/12/2019 9:45:46 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67347

Last save: 6/11/2019 4:59:10 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	6.03	0.507	0.98	3.58	40.694	6.47	0.
2	9.23	0.179	3.51	12.79	42.812	6.81	0.
3	11.20	0.227	6.38	23.22	98.478	15.67	0.
4	14.48	0.269	3.45	12.55	63.260	10.06	0.
5	16.75	0.325	3.92	14.26	87.286	13.89	0.
6	22.64	0.480	3.53	12.85	128.007	20.36	0.
7	26.12	0.450	5.70	20.74	168.100	26.74	0.
7	28.50	0.348	27.48	99.99	628.638	100.00	0.

This report has been created by IC Net
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Report date: 6/12/2019 9:47:33 AM
Printed by: wet

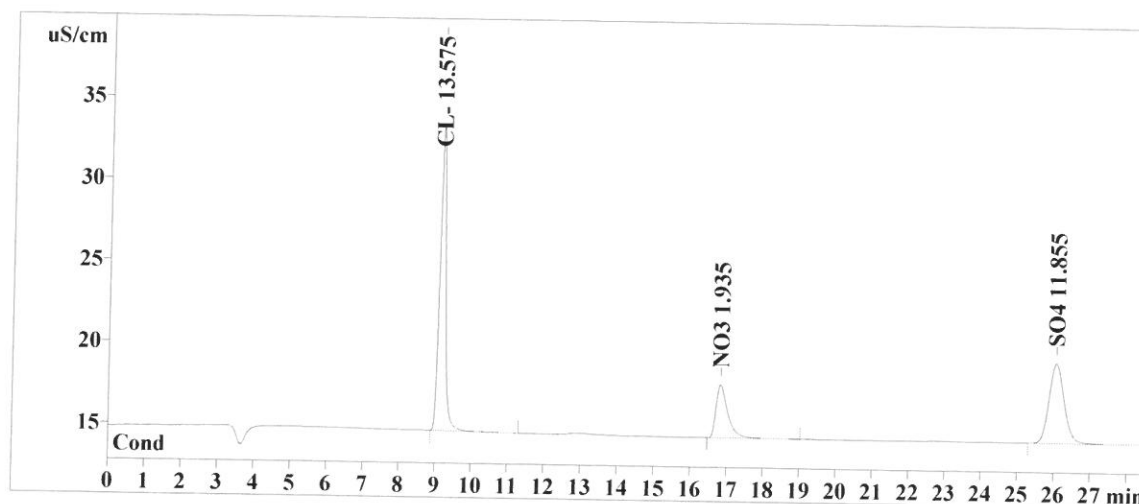
Ident: K3284-16
Analysis from: 6/11/2019 7:39:03 PM
File: _2019-06-11_

Last save: 6/11/2019 8:07:22 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67348

Last save: 6/11/2019 4:59:10 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	9.14	0.171	18.72	69.78	219.137	50.53	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	16.82	0.328	3.23	12.04	72.902	16.81	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.05	0.440	4.88	18.17	141.626	32.66	0.
7	28.50	0.134	26.83	99.99	433.665	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:47:59 AM
Printed by: wet

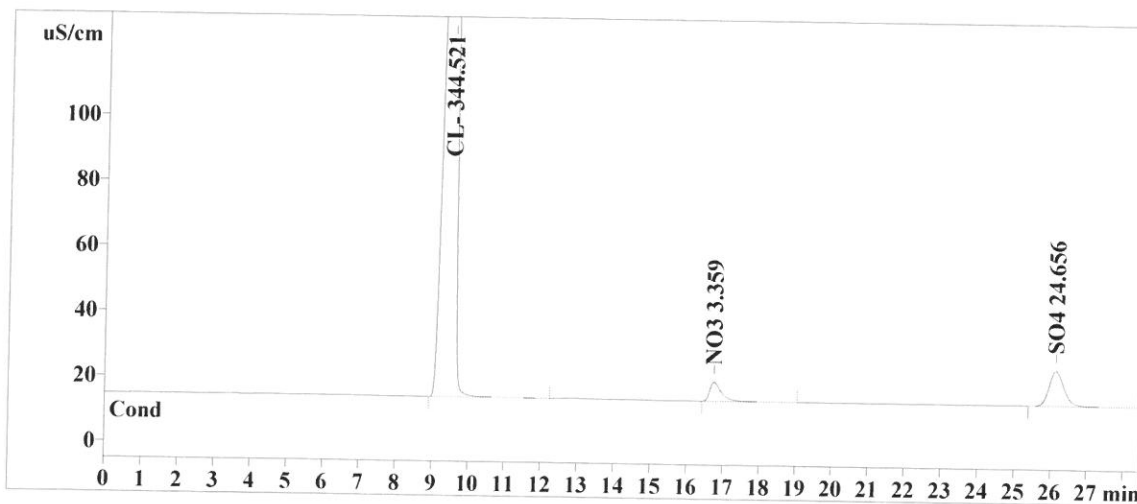
Ident: K3284-15
Analysis from: 6/11/2019 8:10:28 PM
File: _2019-06-11_

Last save: 6/11/2019 8:38:46 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67349

Last save: 6/11/2019 4:59:10 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	9.50	0.304	301.30	94.83	5599.853	92.83	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	16.75	0.321	5.79	1.82	129.044	2.14	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.14	0.433	10.63	3.35	303.577	5.03	0.
7	28.50	0.151	317.72	99.99	6032.474	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:48:22 AM
Printed by: wet

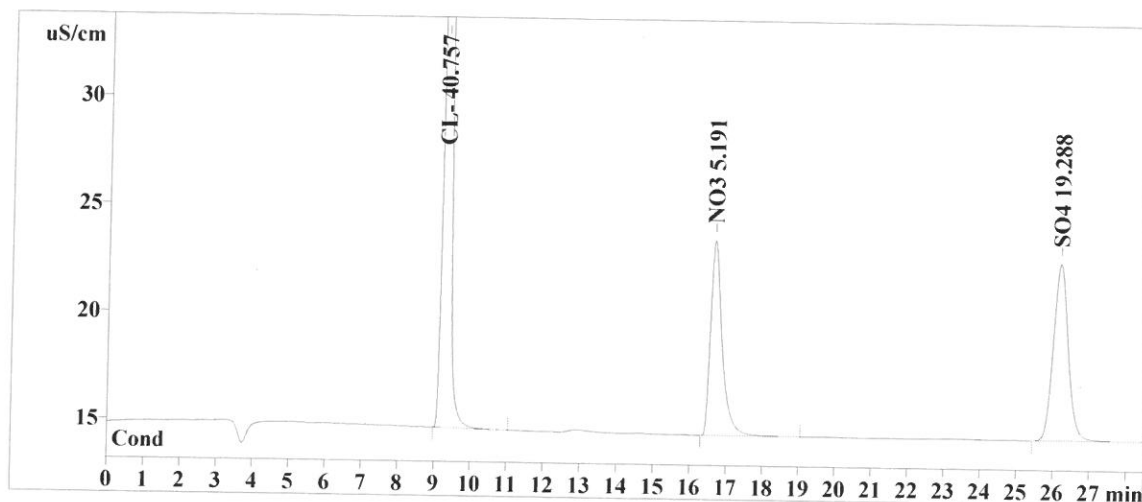
Ident: K3284-17
Analysis from: 6/11/2019 8:41:52 PM
File: _2019-06-11_

Last save: 6/11/2019 9:10:12 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67350

Last save: 6/11/2019 4:59:10 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	9.28	0.166	59.05	77.43	661.074	60.21	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	16.64	0.321	9.03	11.84	201.257	18.33	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.16	0.437	8.19	10.73	235.661	21.46	0.
7	28.50	0.132	76.26	100.00	1097.992	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:49:08 AM
Printed by: wet

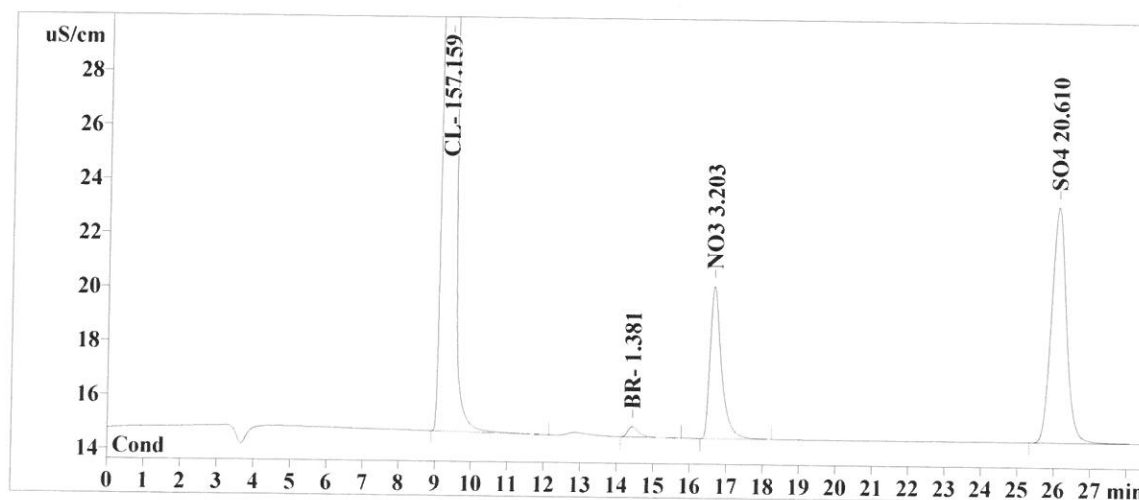
Ident: K3284-18
Analysis from: 6/11/2019 9:13:17 PM
File: _2019-06-11_

Last save: 6/11/2019 9:41:36 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67351

Last save: 6/11/2019 4:59:10 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	9.36	0.213	187.24	92.69	2553.602	86.95	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.42	0.316	0.38	0.19	8.023	0.27	0.
5	16.64	0.317	5.63	2.79	122.881	4.18	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.08	0.438	8.71	4.31	252.388	8.59	0.
7	28.50	0.183	201.96	99.98	2936.894	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:49:39 AM
Printed by: wet

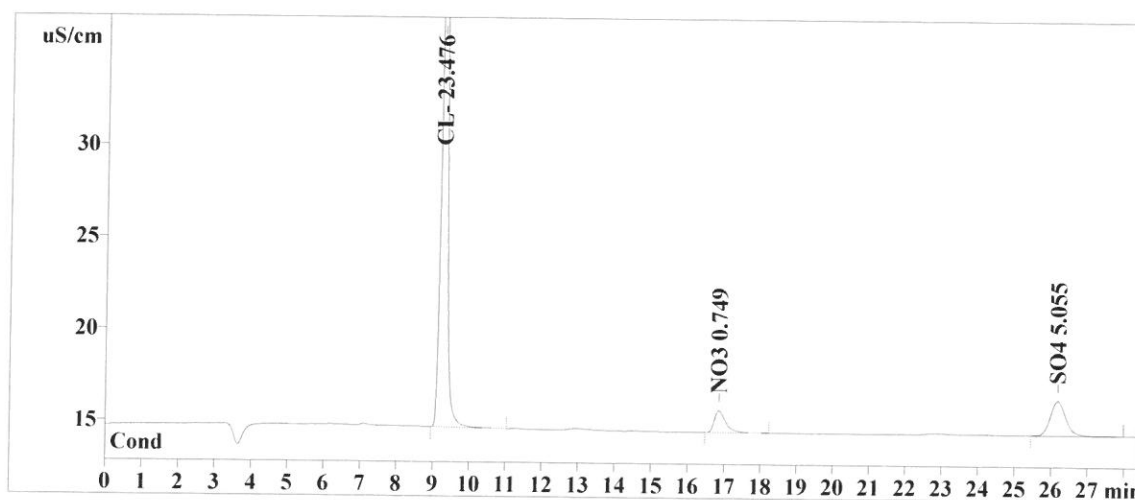
Ident: K3284-19
Analysis from: 6/11/2019 9:44:42 PM
File: _2019-06-11_

Last save: 6/12/2019 9:49:32 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67352

Last save: 6/11/2019 4:59:10 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	9.25	0.167	33.45	91.61	380.108	82.30	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	16.85	0.325	1.18	3.24	26.175	5.67	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.17	0.446	1.88	5.15	55.593	12.04	0.
7	28.50	0.134	36.51	100.00	461.876	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:50:22 AM
Printed by: wet

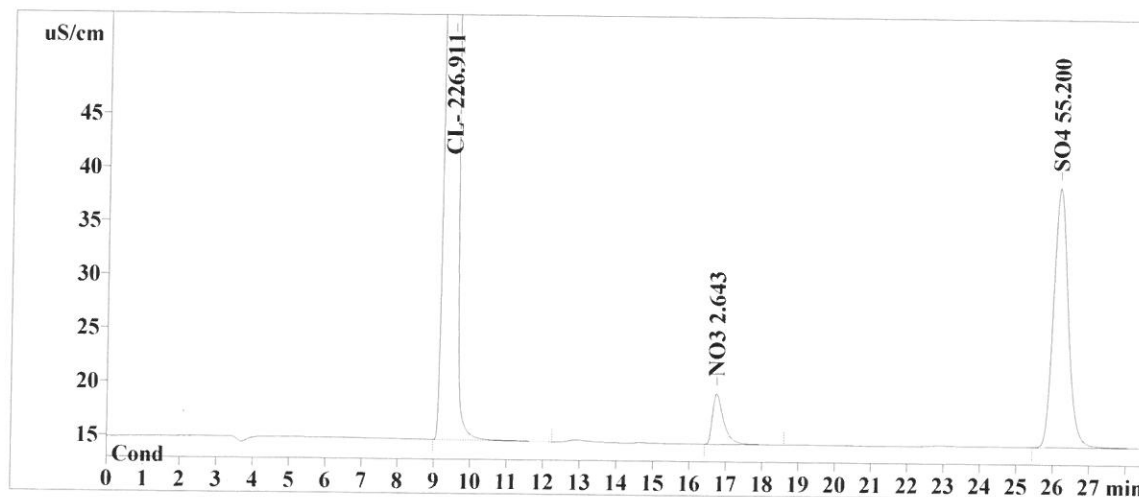
Ident: K3284-20
Analysis from: 6/11/2019 10:16:06 PM
File: _2019-06-11_

Last save: 6/12/2019 9:49:56 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67353

Last save: 6/11/2019 4:59:10 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.48	0.249	236.20	89.10	3687.678	82.34	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.74	0.313	4.68	1.77	100.816	2.25	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.16	0.435	24.14	9.11	690.005	15.41	0.
7	28.50	0.142	265.02	99.98	4478.500	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:51:25 AM
 Printed by: wet

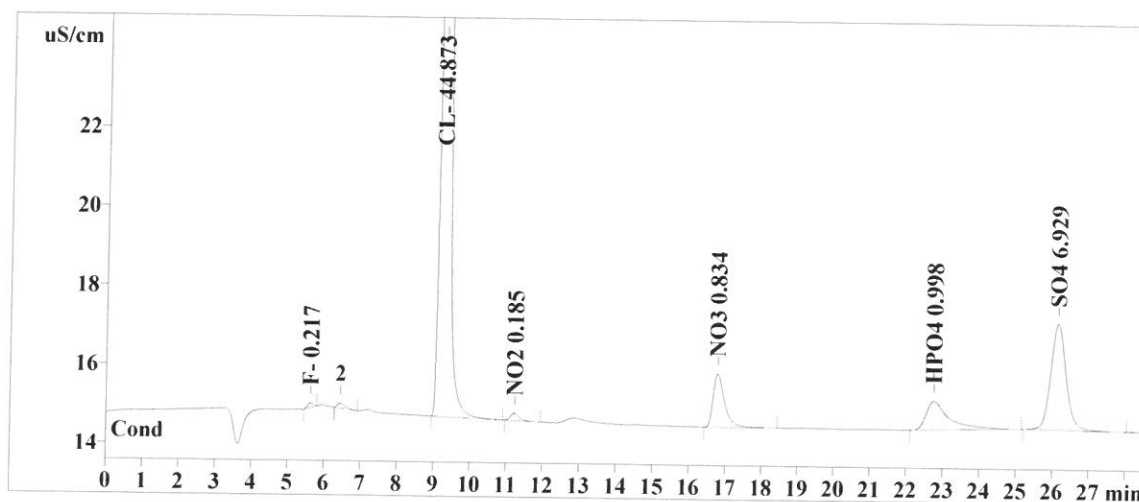
Ident: K3299-04
 Analysis from: 6/11/2019 10:47:31 PM
 File: _2019-06-11_

Last save: 6/11/2019 11:15:50 PM

Method: ANIONS 05-23-19.mtw
 Run operator: wet
 Analysis number: 67354

Last save: 6/11/2019 4:59:10 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	5.62	0.167	0.12	0.17	1.185	0.14	0.
2	9.24	0.168	64.47	92.58	728.004	83.19	0.
3	11.23	0.238	0.18	0.26	2.957	0.34	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.78	0.322	1.34	1.93	29.516	3.37	0.
6	22.76	0.560	0.72	1.03	32.127	3.67	0.
7	26.14	0.443	2.68	3.84	79.294	9.06	0.
7	28.50	0.271	69.51	99.81	873.084	99.76	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2019 9:51:38 AM
 Printed by: wet

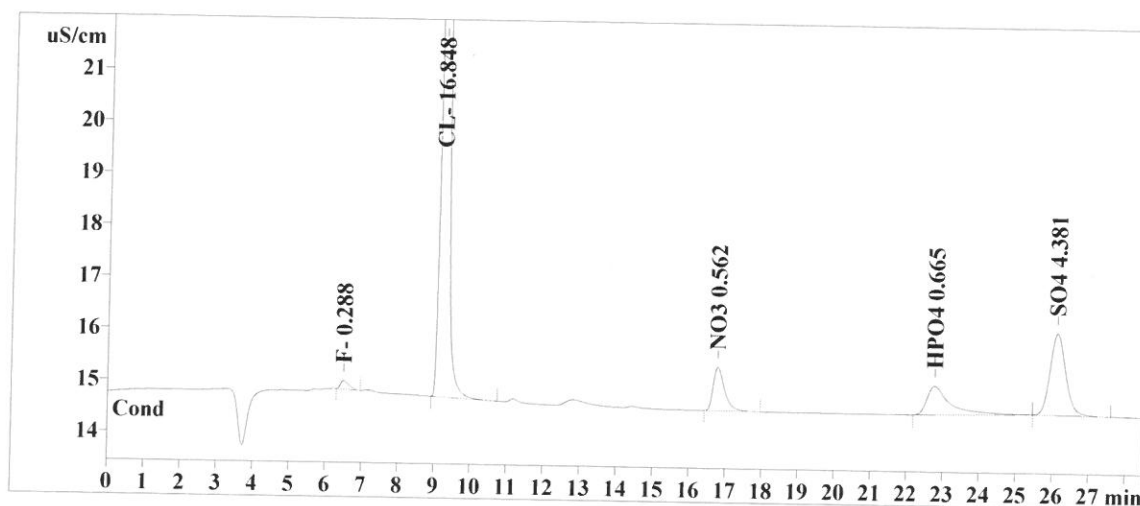
Ident: K3300-06
 Analysis from: 6/11/2019 11:18:55 PM
 File: _2019-06-11_

Last save: 6/11/2019 11:47:14 PM

Method: ANIONS 05-23-19.mtw
 Run operator: wet
 Analysis number: 67355

Last save: 6/11/2019 4:59:10 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	6.50	0.257	0.17	0.62	2.731	0.75	0.
2	9.20	0.167	23.90	88.39	272.351	74.41	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	0.329	0.84	3.12	18.817	5.14	0.
6	22.76	0.560	0.55	2.05	25.035	6.84	0.
7	26.12	0.453	1.57	5.82	47.061	12.86	0.
7	28.50	0.252	27.04	99.99	365.994	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2019 9:51:50 AM
Printed by: wet

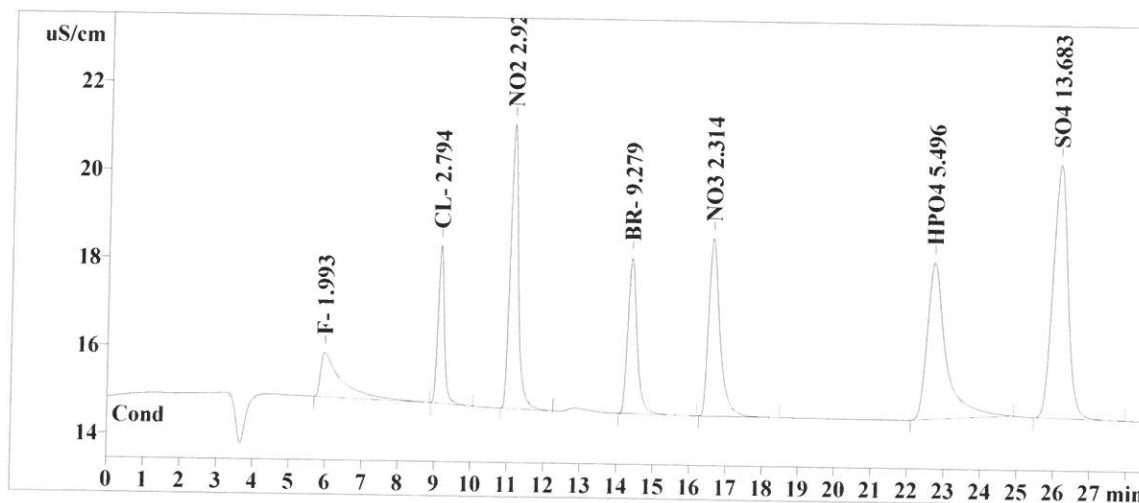
Ident: CCV
Analysis from: 6/11/2019 11:50:20 PM
File: _2019-06-11_

Last save: 6/12/2019 7:53:54 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67356

Last save: 6/11/2019 4:59:10 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	0.482	1.01	3.61	39.678	6.31	0.
2	9.13	0.180	3.58	12.81	43.848	6.98	0.
3	11.11	0.228	6.47	23.16	100.658	16.02	0.
4	14.37	0.265	3.53	12.65	63.751	10.14	0.
5	16.59	0.316	4.03	14.43	87.844	13.98	0.
6	22.69	0.472	3.56	12.73	127.973	20.36	0.
7	26.11	0.436	5.76	20.61	164.752	26.21	0.
7	28.50	0.340	27.93	100.00	628.505	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:51:59 AM
Printed by: wet

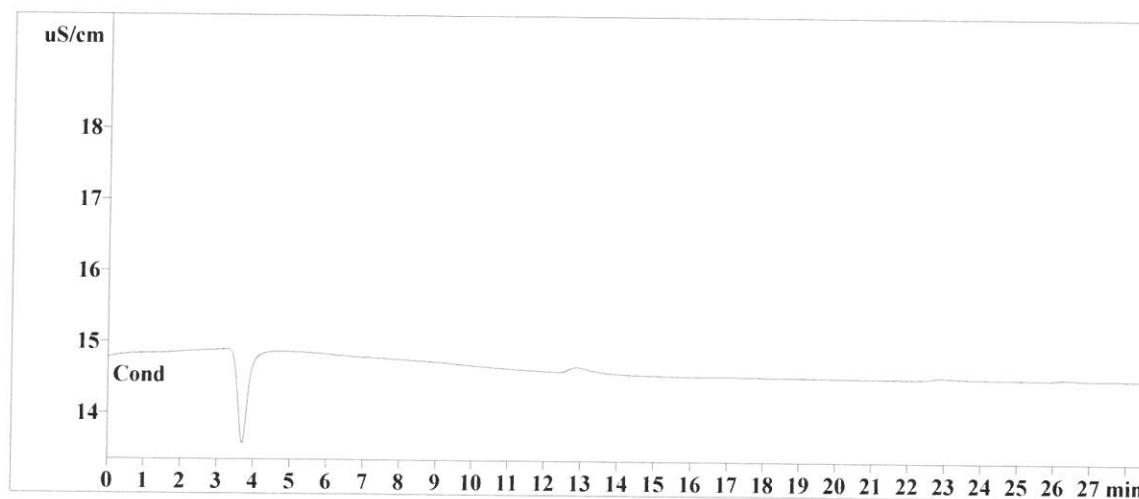
Ident: CCB
Analysis from: 6/12/2019 12:21:44 AM
File: _2019-06-12_

Last save: 6/12/2019 12:50:04 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67357

Last save: 6/11/2019 4:59:10 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: 6/12/2019 9:53:12 AM
Printed by: wet

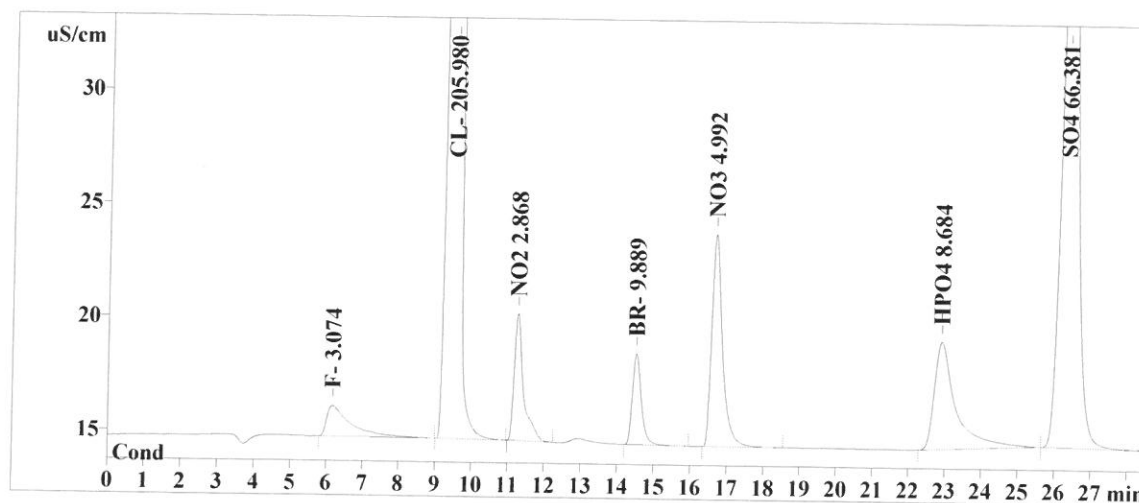
Ident: K3284-06MS
Analysis from: 6/12/2019 12:53:09 AM
File: _2019-06-12_

Last save: 6/12/2019 1:21:28 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67358

Last save: 6/11/2019 4:59:10 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	6.16	0.608	1.35	0.49	63.109	1.32	0.
2	9.51	0.239	222.94	80.44	3347.375	69.77	0.
3	11.25	0.228	5.58	2.02	98.720	2.06	0.
4	14.51	0.252	3.99	1.44	68.057	1.42	0.
5	16.65	0.299	9.34	3.37	193.384	4.03	0.
6	22.89	0.513	4.72	1.70	195.916	4.08	0.
7	26.31	0.436	29.15	10.52	831.464	17.33	0.
7	28.50	0.368	277.07	99.97	4798.025	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:53:21 AM
Printed by: wet

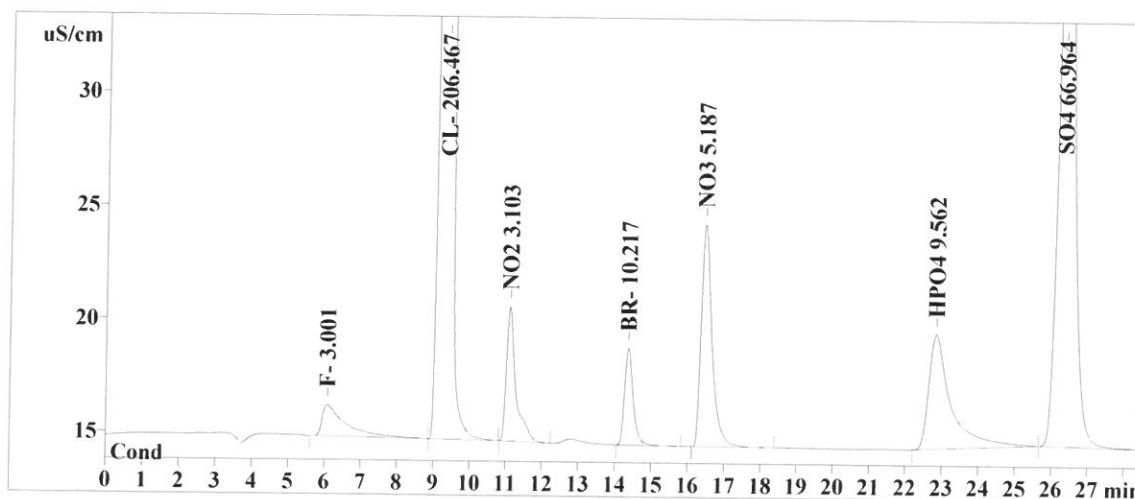
Ident: K3284-07MSD
Analysis from: 6/12/2019 1:24:33 AM
File: _2019-06-12_

Last save: 6/12/2019 1:52:52 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67359

Last save: 6/11/2019 4:59:10 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	6.07	0.570	1.37	0.49	61.532	1.27	0.
2	9.35	0.239	223.23	80.00	3355.291	69.20	0.
3	11.10	0.232	5.90	2.11	107.095	2.21	0.
4	14.36	0.246	4.25	1.52	70.374	1.45	0.
5	16.44	0.298	9.77	3.50	201.080	4.15	0.
6	22.82	0.522	5.04	1.81	214.621	4.43	0.
7	26.32	0.436	29.42	10.54	838.846	17.30	0.
7	28.50	0.363	278.98	99.98	4848.839	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:53:42 AM
Printed by: wet

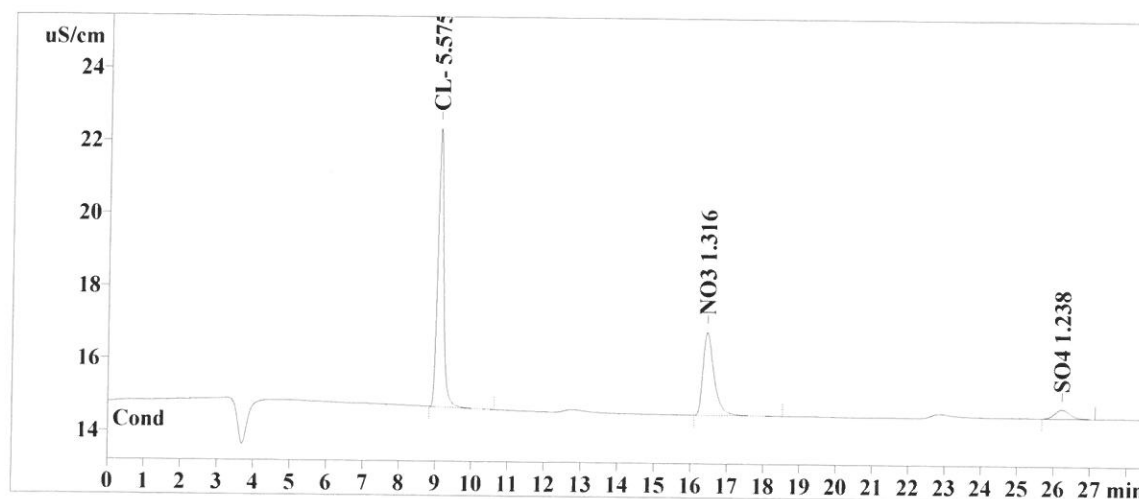
Ident: K3284-09DLX5
Analysis from: 6/12/2019 1:55:57 AM
File: _2019-06-12_

Last save: 6/12/2019 9:53:38 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67360

Last save: 6/11/2019 4:59:10 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	9.09	0.171	7.67	75.20	89.067	61.47	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	16.44	0.310	2.28	22.35	48.530	33.49	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.23	0.448	0.25	2.45	7.294	5.03	0.
7	28.50	0.133	10.20	99.99	144.891	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:54:36 AM
Printed by: wet

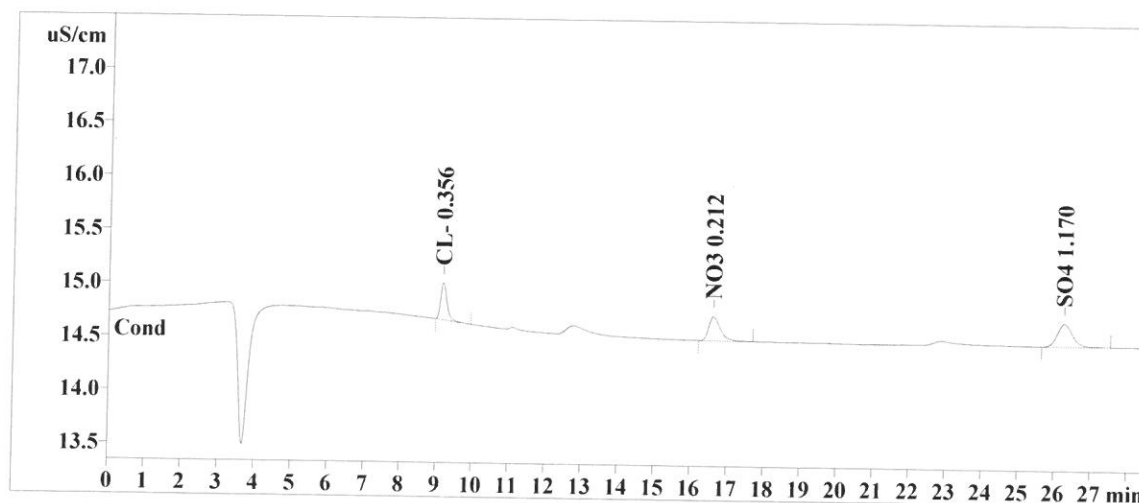
Ident: K3301-01
Analysis from: 6/12/2019 2:27:22 AM
File: _2019-06-12_

Last save: 6/12/2019 2:55:40 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67361

Last save: 6/11/2019 4:59:10 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	9.17	0.180	0.35	43.97	4.222	26.97	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.61	0.325	0.23	28.68	4.996	31.91	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.26	0.451	0.21	27.19	6.437	41.12	0.
7	28.50	0.137	0.79	99.84	15.655	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:54:44 AM
 Printed by: wet

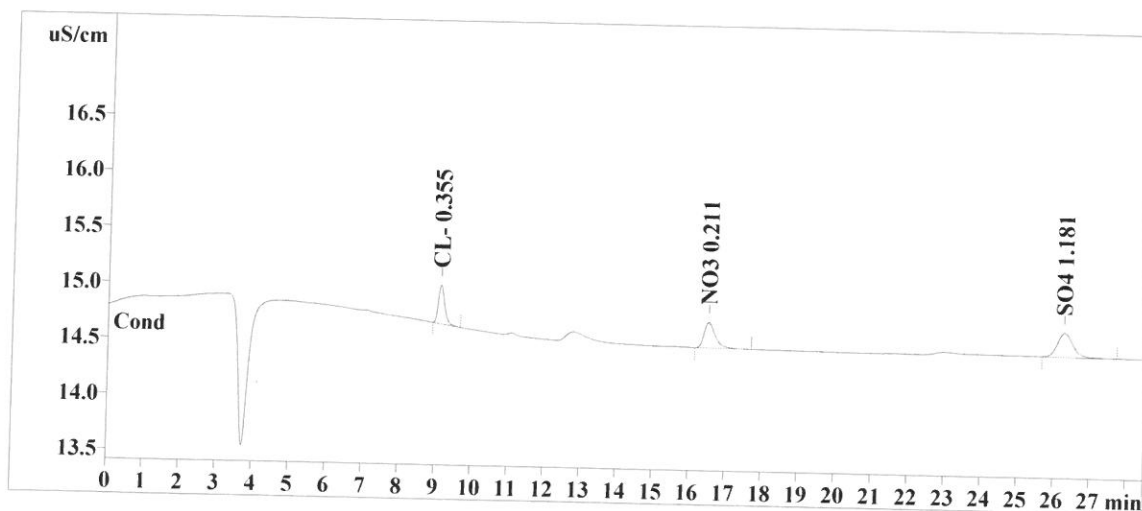
Ident: K3301-01DUP
 Analysis from: 6/12/2019 2:58:46 AM
 File: _2019-06-12_

Last save: 6/12/2019 3:27:04 AM

Method: ANIONS 05-23-19.mtw
 Run operator: wet
 Analysis number: 67362

Last save: 6/11/2019 4:59:10 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	9.12	0.182	0.35	43.60	4.203	26.70	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.51	0.317	0.23	28.95	4.963	31.53	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.26	0.456	0.22	27.19	6.576	41.77	0.
7	28.50	0.136	0.79	99.74	15.742	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2019 9:54:54 AM
Printed by: wet

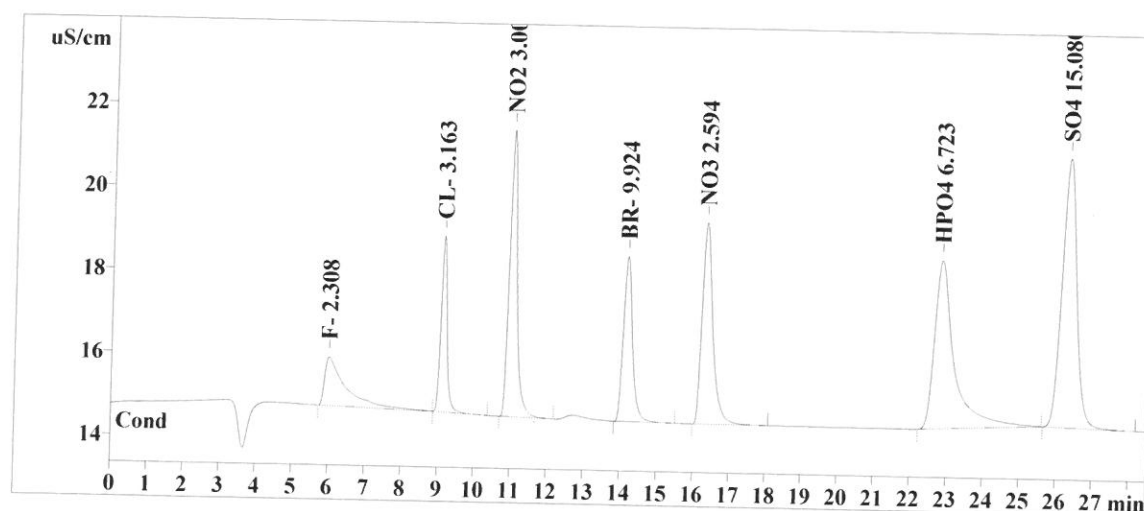
Ident: K3301-01MS
Analysis from: 6/12/2019 3:30:10 AM
File: _2019-06-12_

Last save: 6/12/2019 3:58:30 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67363

Last save: 6/11/2019 4:59:10 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	6.01	0.492	1.17	3.69	46.523	6.61	0.
2	9.12	0.174	4.23	13.38	49.852	7.08	0.
3	10.98	0.219	6.90	21.81	103.689	14.73	0.
4	14.15	0.255	3.97	12.54	68.305	9.71	0.
5	16.31	0.298	4.84	15.32	98.878	14.05	0.
6	22.82	0.482	4.05	12.80	154.127	21.90	0.
7	26.28	0.430	6.47	20.47	182.426	25.92	0.
7	28.50	0.336	31.62	100.00	703.800	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:55:00 AM
Printed by: wet

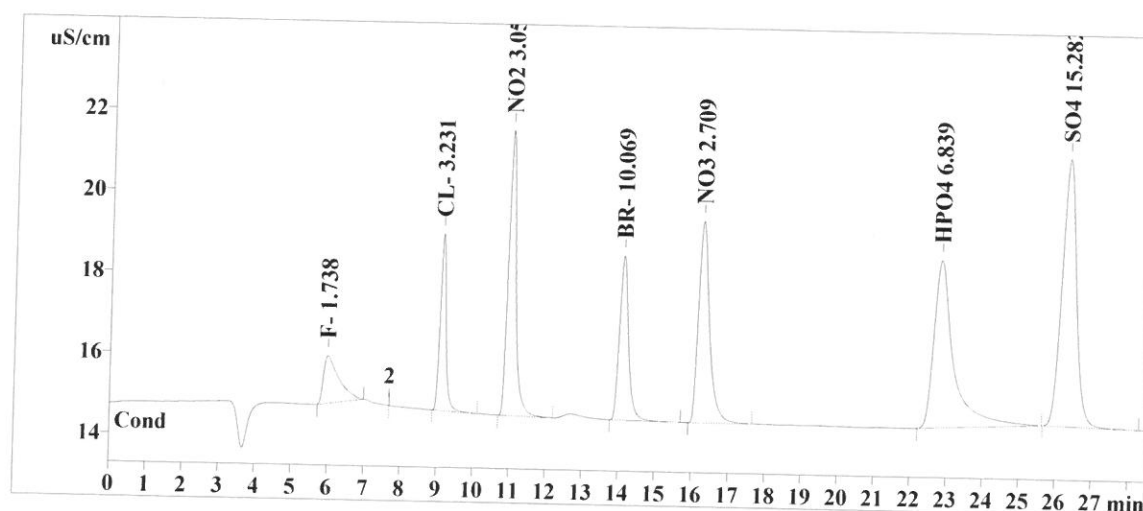
Ident: K3301-01MSD
Analysis from: 6/12/2019 4:01:35 AM
File: _2019-06-12_

Last save: 6/12/2019 4:29:54 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67364

Last save: 6/11/2019 4:59:10 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	5.98	0.433	1.17	3.63	34.166	4.85	0.
2	9.12	0.173	4.34	13.47	50.962	7.23	0.
3	10.98	0.218	7.02	21.78	105.203	14.93	0.
4	14.08	0.254	4.04	12.54	69.326	9.84	0.
5	16.24	0.305	4.96	15.39	103.408	14.68	0.
6	22.79	0.479	4.12	12.77	156.588	22.22	0.
7	26.29	0.429	6.57	20.41	184.983	26.25	0.
7	28.50	0.327	32.21	99.99	704.635	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:55:29 AM
Printed by: wet

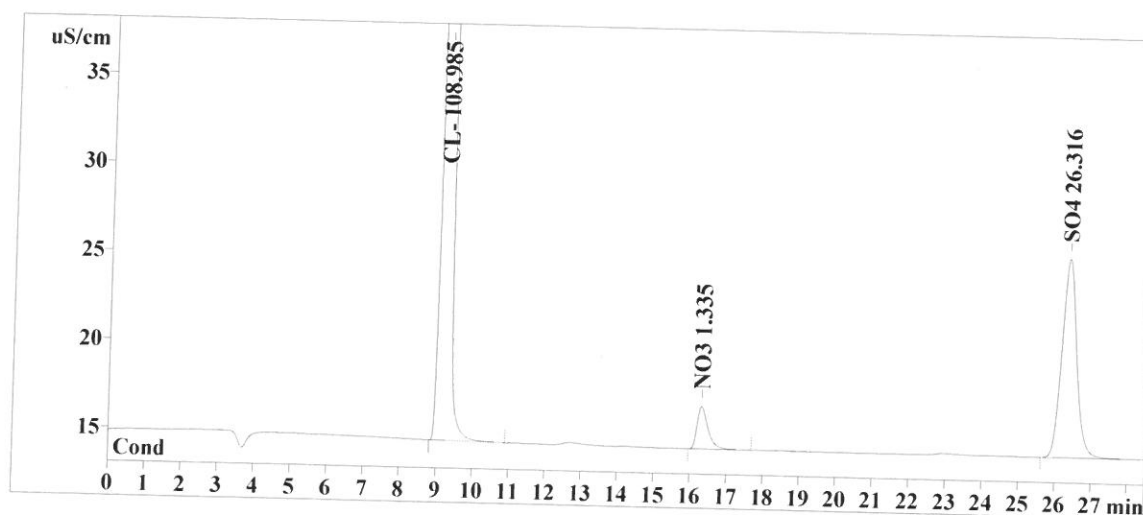
Ident: K3284-12DLX2
Analysis from: 6/12/2019 4:32:59 AM
File: _2019-06-12_

Last save: 6/12/2019 9:55:22 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67365

Last save: 6/11/2019 4:59:10 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	9.22	0.191	142.31	91.29	1770.373	82.56	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.30	0.304	2.38	1.53	49.275	2.30	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.32	0.441	11.19	7.18	324.582	15.14	0.
7	28.50	0.134	155.88	99.99	2144.230	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:55:52 AM
Printed by: wet

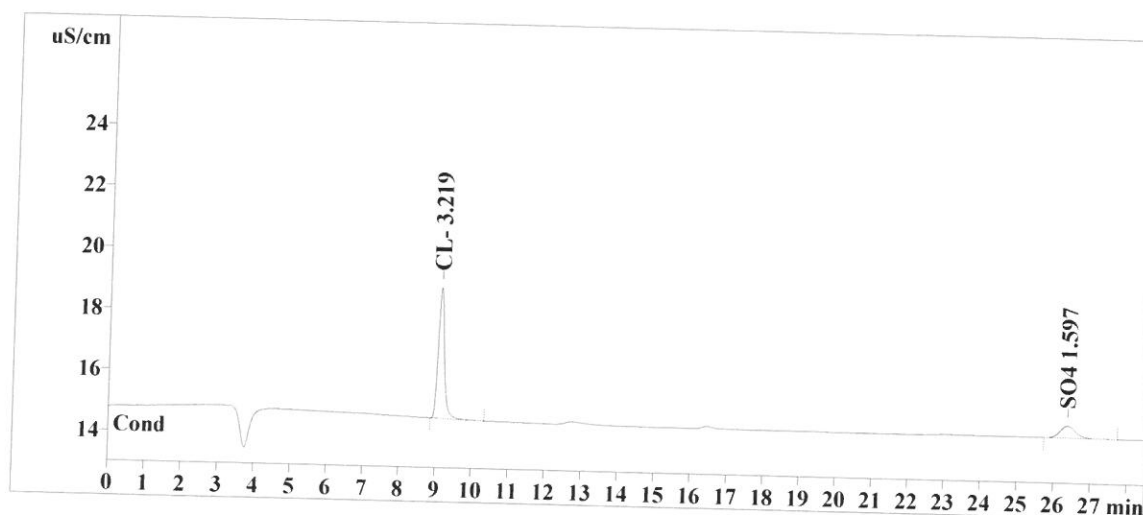
Ident: K3284-12DL2X50
Analysis from: 6/12/2019 5:04:23 AM
File: _2019-06-12_

Last save: 6/12/2019 9:55:50 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67366

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
:
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	9.11	0.176	4.26	91.50	50.762	81.09	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	0.454	0.39	8.48	11.834	18.91	0.
7	28.50	0.090	4.65	99.98	62.596	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:56:16 AM
Printed by: wet

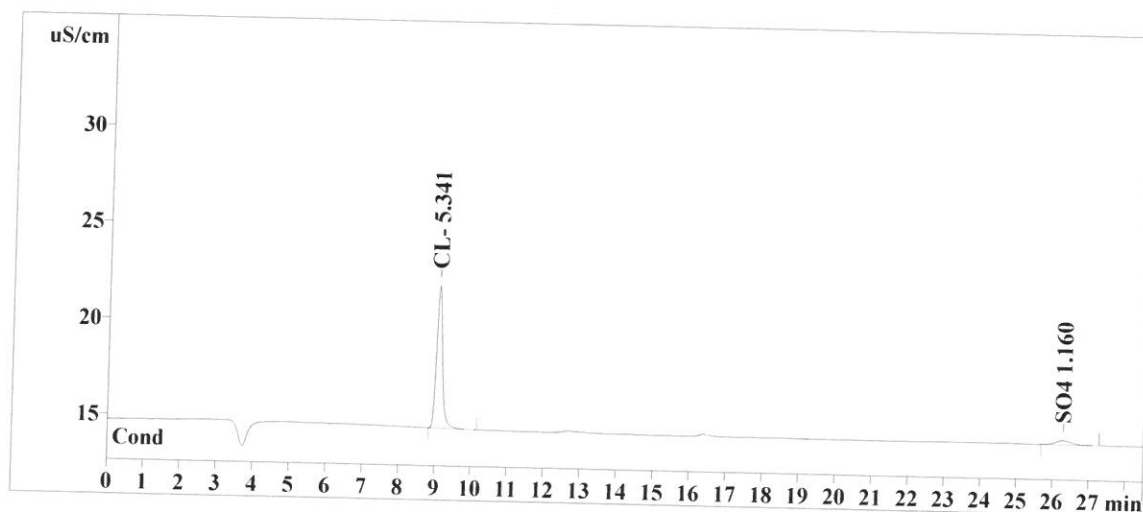
Ident: K3284-03DLX50
Analysis from: 6/12/2019 5:35:48 AM
File: _2019-06-12_

Last save: 6/12/2019 9:56:12 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67367

Last save: 6/11/2019 4:59:10 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	9.08	0.170	7.37	97.20	85.262	93.10	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	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	0.454	0.21	2.80	6.316	6.90	0.
7	28.50	0.089	7.58	100.00	91.578	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2019 9:59:00 AM
 Printed by: wet

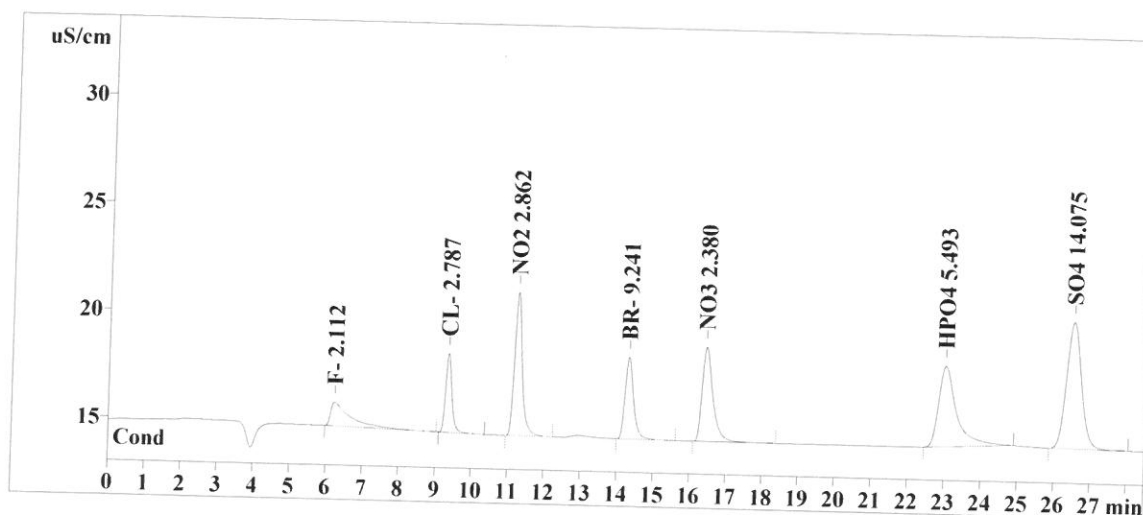
Ident: CCV
 Analysis from: 6/12/2019 6:07:12 AM
 File: _2019-06-12_

Last save: 6/12/2019 9:58:58 AM

Method: ANIONS 05-23-19.mtw
 Run operator: wet
 Analysis number: 67368

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
 : AK/AP
 Vial number: 120
 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	6.24	0.479	1.11	3.78	42.265	6.64	0.
2	9.34	0.176	3.67	12.55	43.748	6.88	0.
3	11.22	0.216	6.66	22.78	98.484	15.48	0.
4	14.30	0.248	3.79	12.97	63.483	9.98	0.
5	16.43	0.302	4.37	14.95	90.456	14.22	0.
6	23.01	0.459	3.75	12.82	127.902	20.11	0.
7	26.50	0.442	5.89	20.15	169.707	26.68	0.
7	28.50	0.332	29.23	99.99	636.046	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2019 9:59:08 AM
Printed by: wet

Ident: CCB
Analysis from: 6/12/2019 6:38:36 AM
File: _2019-06-12_

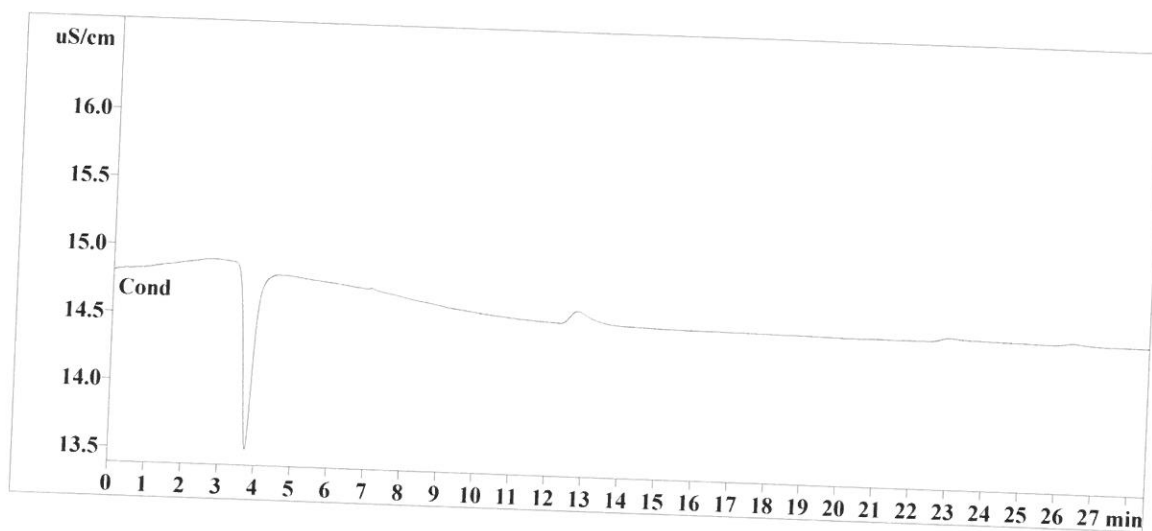
Last save: 6/12/2019 7:06:56 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67369

Last save: 6/11/2019 4:59:10 PM

SAMPLE:

: AK/AP
Vial number: 121
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: 6/13/2019 10:36:39 AM
Printed by: wet

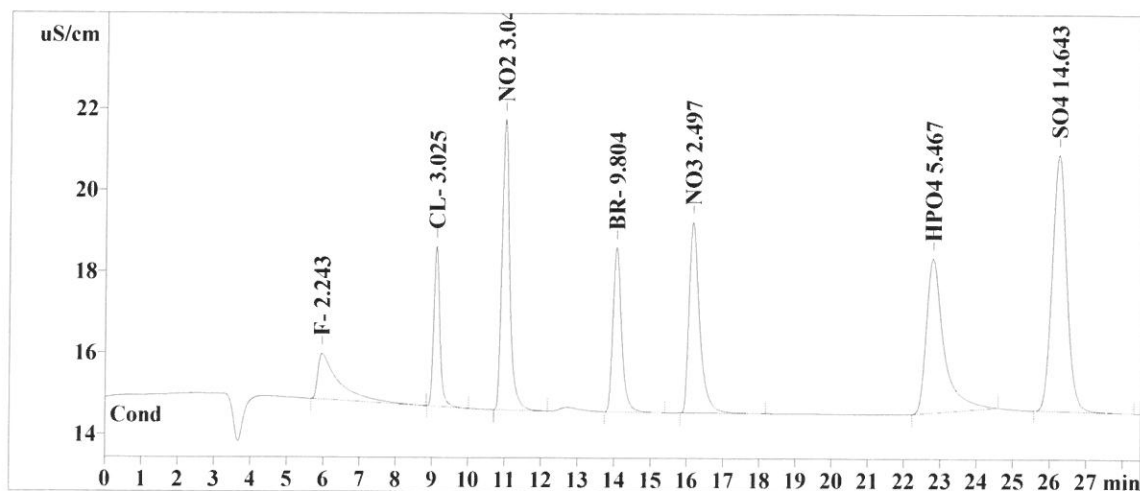
Ident: CCV
Analysis from: 6/12/2019 9:45:00 AM
File: _2019-06-12_

Last save: 6/12/2019 10:24:42 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67377

Last save: 6/11/2019 4:59:10 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	0.498	1.12	3.63	45.105	6.79	0.
2	9.11	0.178	3.93	12.67	47.612	7.16	0.
3	10.98	0.214	7.14	23.03	105.030	15.81	0.
4	14.05	0.246	4.04	13.04	67.460	10.15	0.
5	16.15	0.295	4.68	15.10	95.060	14.31	0.
6	22.78	0.452	3.79	12.21	127.347	19.16	0.
7	26.23	0.427	6.30	20.32	176.894	26.62	0.
7	28.50	0.330	31.00	100.00	664.508	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:37:00 AM
Printed by: wet

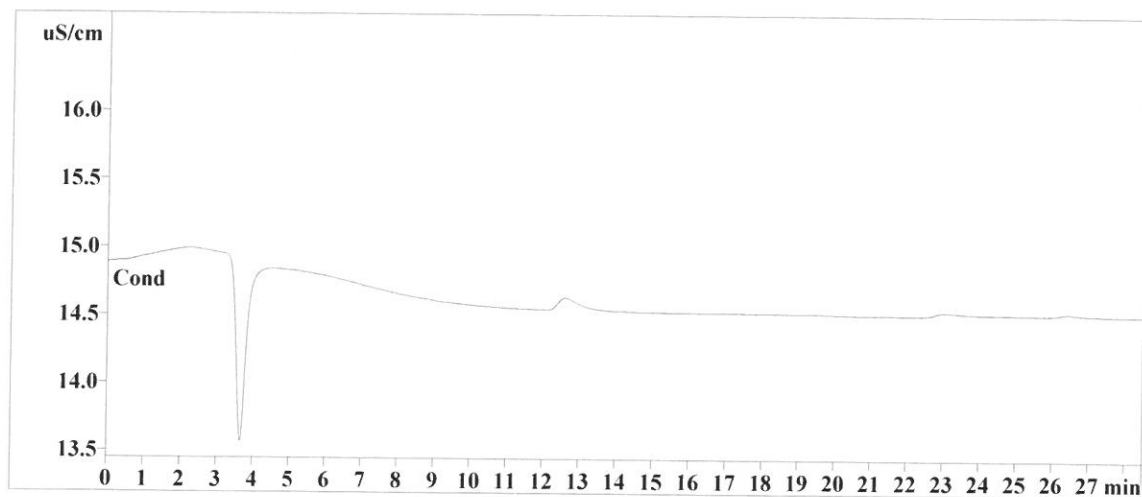
Ident: CCB
Analysis from: 6/12/2019 10:16:25 AM
File: _2019-06-12_

Last save: 6/12/2019 10:44:44 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67378

Last save: 6/11/2019 4:59:10 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: 6/13/2019 10:37:44 AM
Printed by: wet

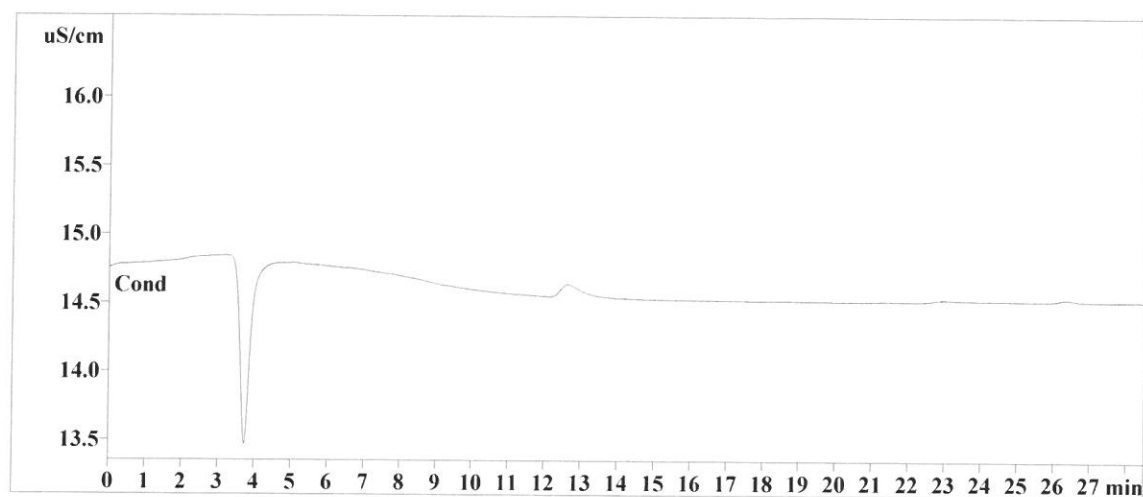
Ident: LB103332BLW2
Analysis from: 6/12/2019 10:47:49 AM
File: _2019-06-12_

Last save: 6/13/2019 10:37:38 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67379

Last save: 6/11/2019 4:59:10 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: 6/13/2019 10:39:15 AM
Printed by: wet

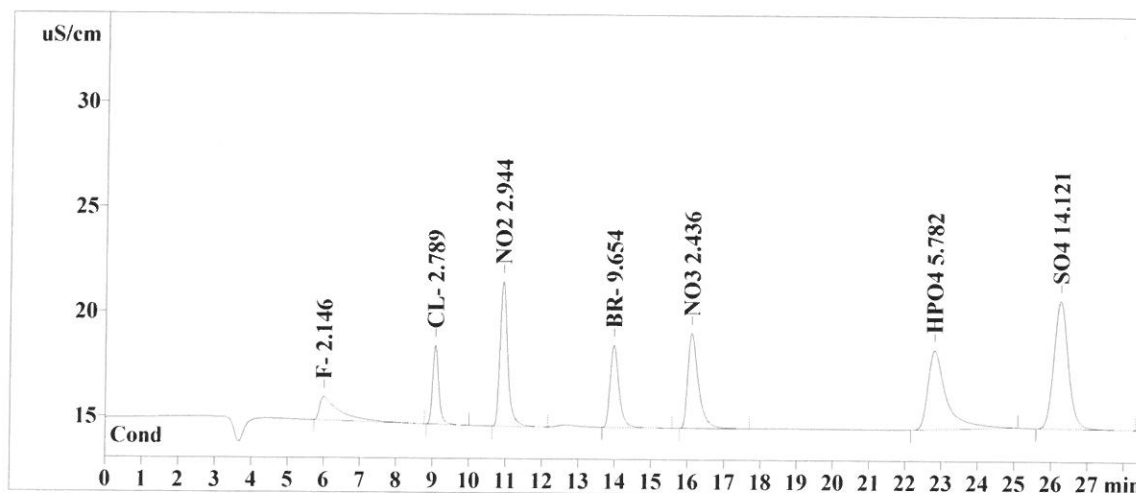
Ident: LB103332BSW2
Analysis from: 6/12/2019 11:19:13 AM
File: _2019-06-12_

Last save: 6/13/2019 10:39:14 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67380

Last save: 6/11/2019 4:59:10 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	0.488	1.11	3.70	42.997	6.60	0.
2	9.07	0.172	3.75	12.49	43.776	6.72	0.
3	10.92	0.215	6.89	22.97	101.413	15.56	0.
4	13.97	0.251	3.91	13.02	66.403	10.19	0.
5	16.11	0.299	4.52	15.05	92.670	14.22	0.
6	22.80	0.465	3.75	12.51	134.056	20.57	0.
7	26.25	0.426	6.08	20.26	170.285	26.13	0.
7	28.50	0.331	30.00	99.99	651.601	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:41:35 AM
Printed by: wet

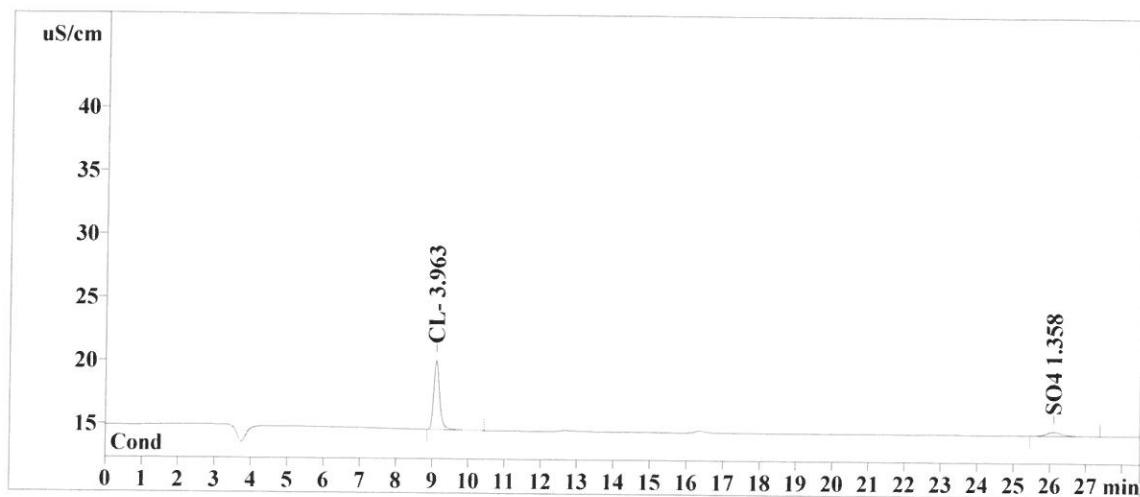
Ident: K3284-02DLX20
Analysis from: 6/12/2019 11:50:38 AM
File: _2019-06-12_

Last save: 6/13/2019 10:41:36 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67381

Last save: 6/11/2019 4:59:10 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	9.11	0.170	5.42	94.81	62.867	87.69	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	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	26.11	0.450	0.30	5.18	8.821	12.31	0.
7	28.50	0.089	5.72	99.99	71.688	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:42:18 AM
Printed by: wet

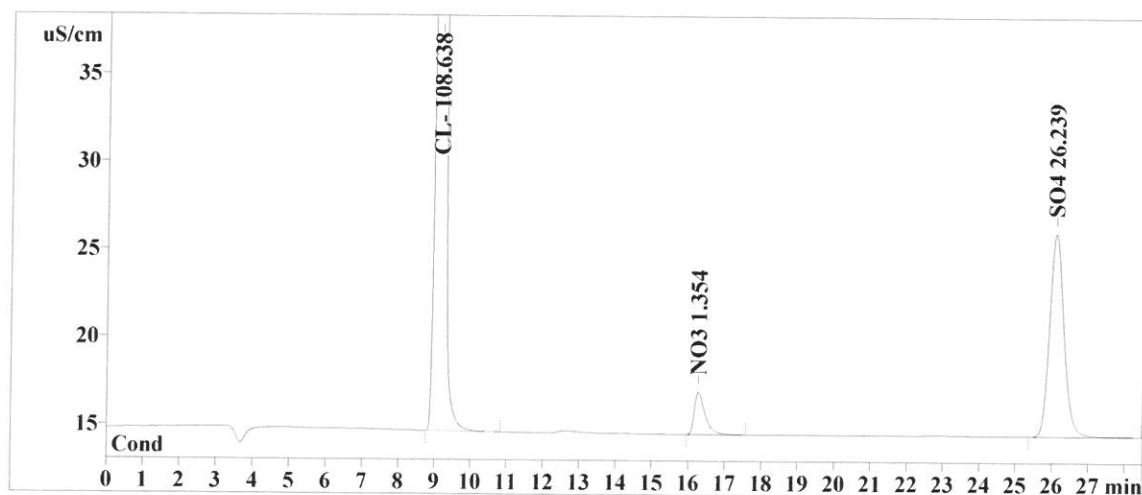
Ident: K3284-05DLX2
Analysis from: 6/12/2019 12:22:03 PM
File: _2019-06-12_

Last save: 6/13/2019 10:42:18 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67382

Last save: 6/11/2019 4:59:10 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.188	143.84	91.15	1764.731	82.53	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	16.28	0.306	2.40	1.52	50.004	2.34	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.10	0.423	11.56	7.32	323.606	15.13	0.
7	28.50	0.131	157.79	99.99	2138.341	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:43:26 AM
Printed by: wet

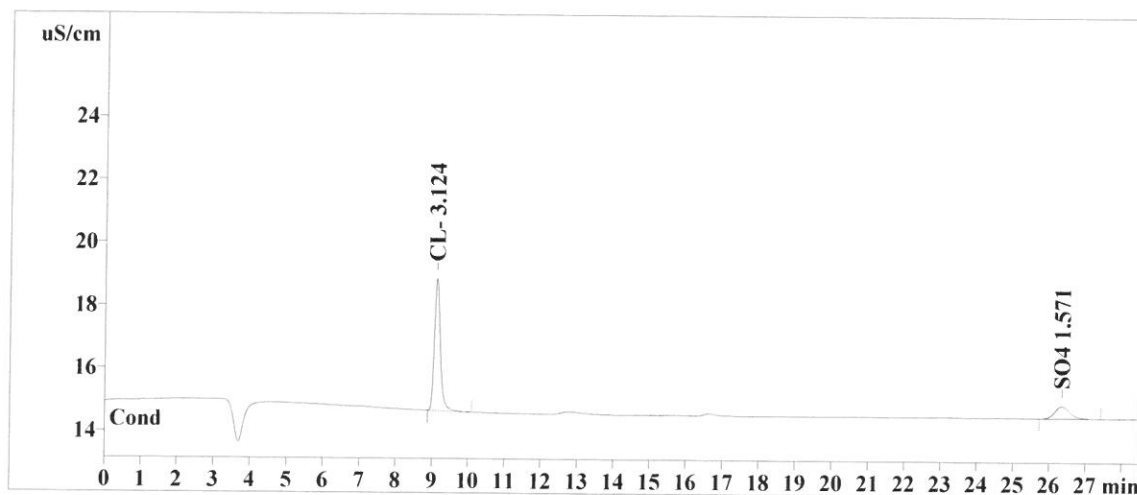
Ident: K3284-05DL2X50
Analysis from: 6/12/2019 12:53:27 PM
File: _2019-06-12_

Last save: 6/13/2019 10:43:28 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67383

Last save: 6/11/2019 4:59:10 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.13	0.173	4.20	91.40	49.221	81.05	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	26.35	0.442	0.39	8.58	11.508	18.95	0.
7	28.50	0.088	4.59	99.98	60.729	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:44:14 AM
Printed by: wet

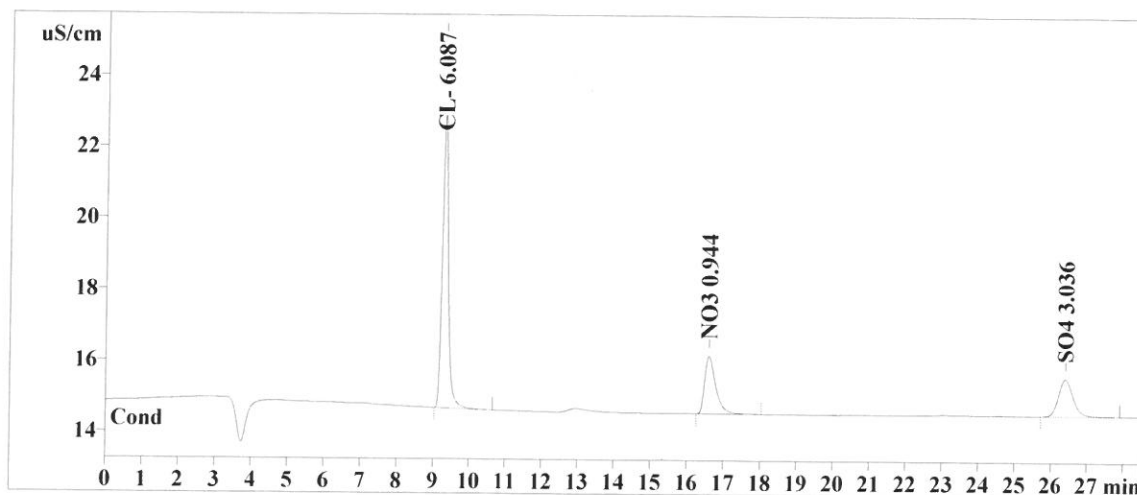
Ident: K3284-11DLX2
Analysis from: 6/12/2019 1:24:51 PM
File: _2019-06-12_

Last save: 6/12/2019 1:53:10 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67384

Last save: 6/11/2019 4:59:10 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	9.29	0.173	8.22	75.61	97.399	60.38	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	16.60	0.307	1.61	14.82	33.874	21.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.41	0.437	1.04	9.56	30.047	18.63	0.
7	28.50	0.131	10.88	99.99	161.319	100.00	0.

This report has been created by IC Net
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Report date: 6/13/2019 10:45:00 AM
Printed by: wet

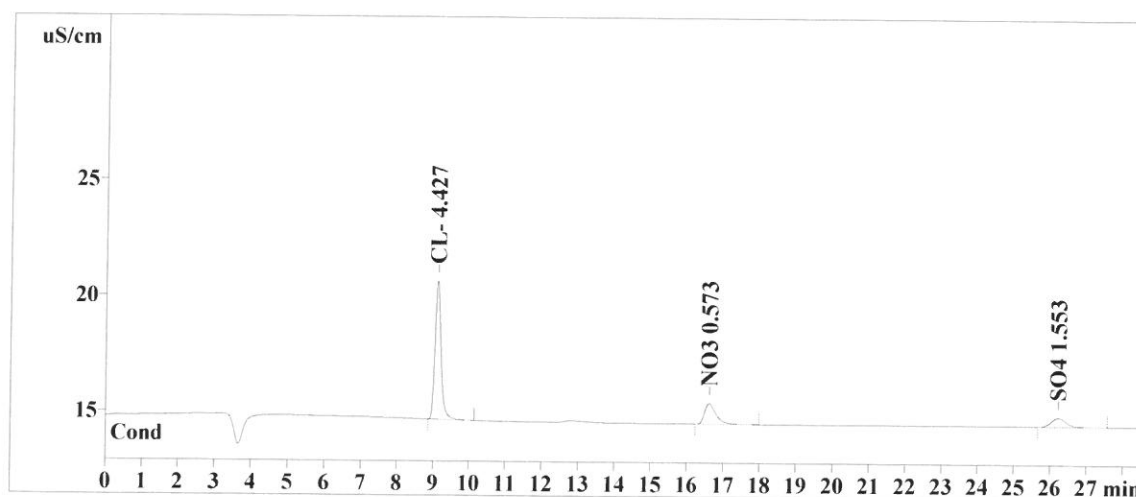
Ident: K3284-14DLX10
Analysis from: 6/12/2019 1:56:16 PM
File: _2019-06-12_

Last save: 6/12/2019 2:24:34 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67385

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 51
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.11	0.174	5.95	82.42	70.414	69.77	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	16.62	0.319	0.88	12.22	19.221	19.04	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.23	0.442	0.39	5.35	11.289	11.19	0.
7	28.50	0.133	7.22	100.00	100.924	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:46:30 AM
Printed by: wet

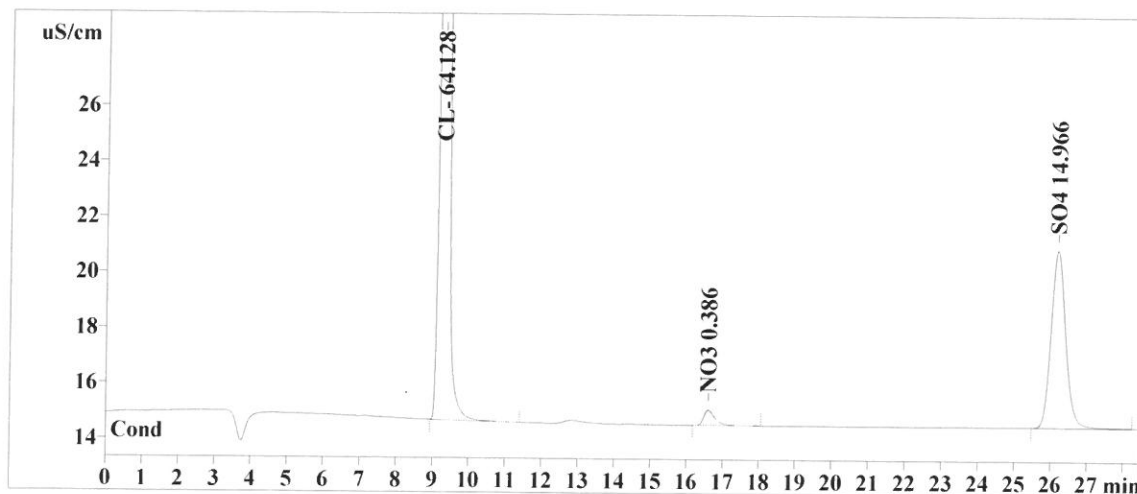
Ident: K3284-10DLX5
Analysis from: 6/12/2019 2:27:40 PM
File: _2019-06-12_

Last save: 6/13/2019 10:46:26 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67386

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 52
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.28	0.169	92.22	93.00	1041.059	84.37	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	16.61	0.313	0.55	0.56	11.875	0.96	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.18	0.428	6.39	6.44	180.985	14.67	0.
7	28.50	0.130	99.16	100.00	1233.919	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:46:46 AM
Printed by: wet

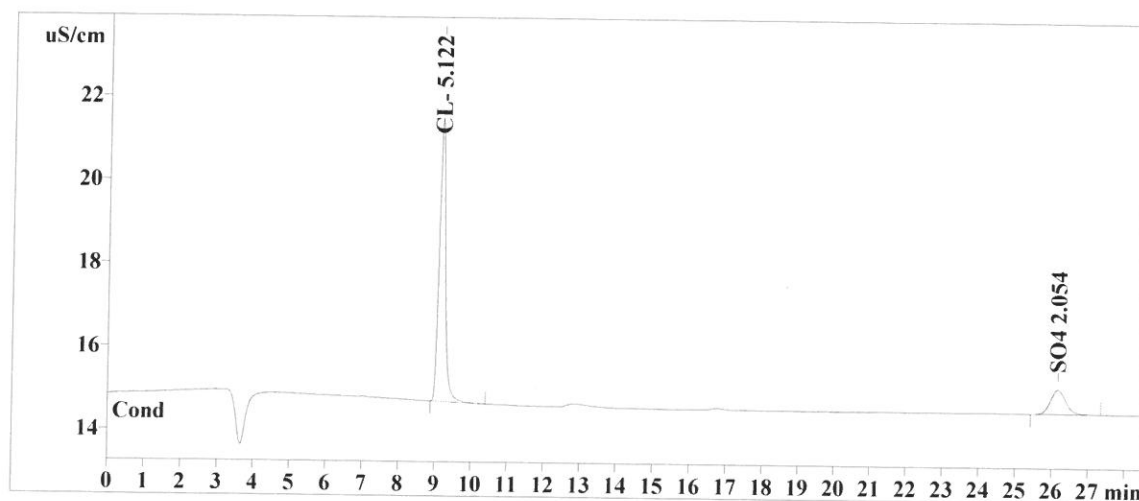
Ident: K3284-10DL2X50
Analysis from: 6/12/2019 2:59:05 PM
File: _2019-06-12_

Last save: 6/12/2019 3:27:24 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67387

Last save: 6/11/2019 4:59:10 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	9.14	0.176	6.80	92.03	81.714	82.26	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	26.16	0.455	0.59	7.96	17.626	17.74	0.
7	28.50	0.090	7.39	99.98	99.340	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:47:54 AM
Printed by: wet

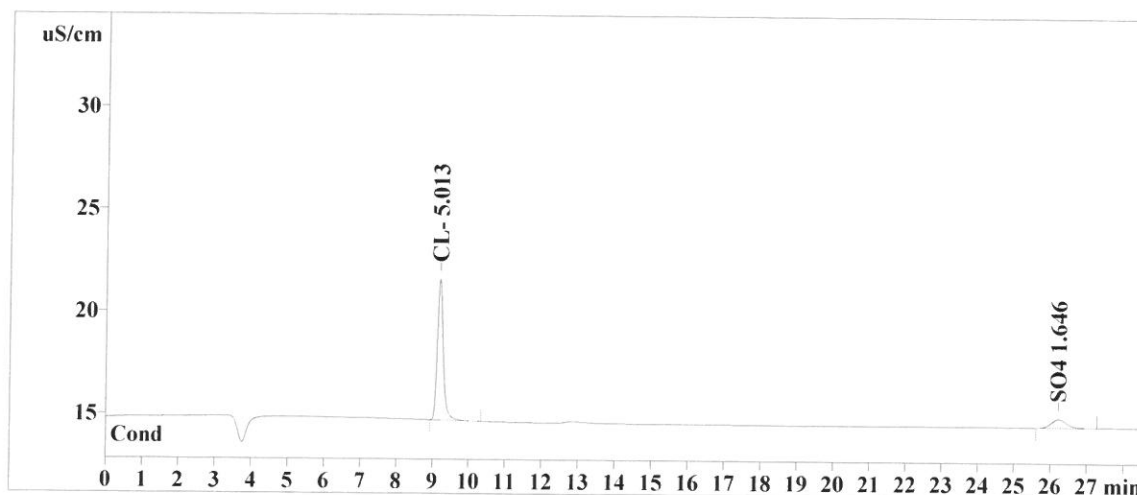
Ident: K3284-04DLX20
Analysis from: 6/12/2019 3:30:30 PM
File: _2019-06-12_

Last save: 6/13/2019 10:47:54 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67388

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 54
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.19	0.171	6.87	94.24	79.941	86.51	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	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	26.23	0.452	0.42	5.76	12.462	13.49	0.
7	28.50	0.089	7.30	100.00	92.403	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:48:01 AM
Printed by: wet

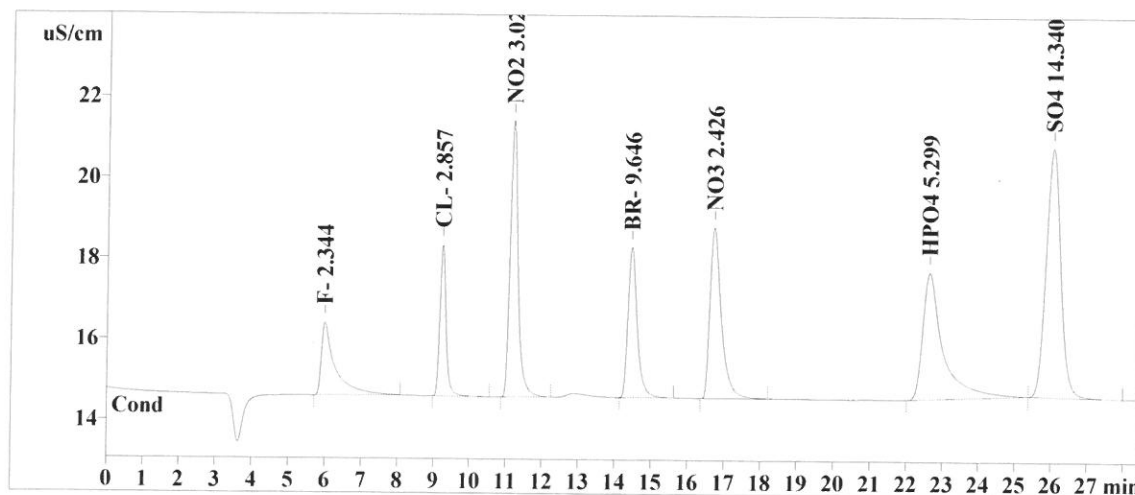
Ident: CCV
Analysis from: 6/12/2019 4:51:24 PM
File: _2019-06-12_

Last save: 6/12/2019 5:19:44 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67391

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 63
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.98	0.304	1.80	6.09	47.287	7.25	0.
2	9.23	0.176	3.73	12.62	44.883	6.88	0.
3	11.17	0.223	6.83	23.09	104.344	16.00	0.
4	14.45	0.263	3.71	12.55	66.341	10.18	0.
5	16.71	0.318	4.22	14.26	92.280	14.15	0.
6	22.62	0.490	3.13	10.59	123.777	18.98	0.
7	26.02	0.428	6.15	20.81	173.066	26.54	0.
7	28.50	0.315	29.57	100.00	651.978	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:48:11 AM
Printed by: wet

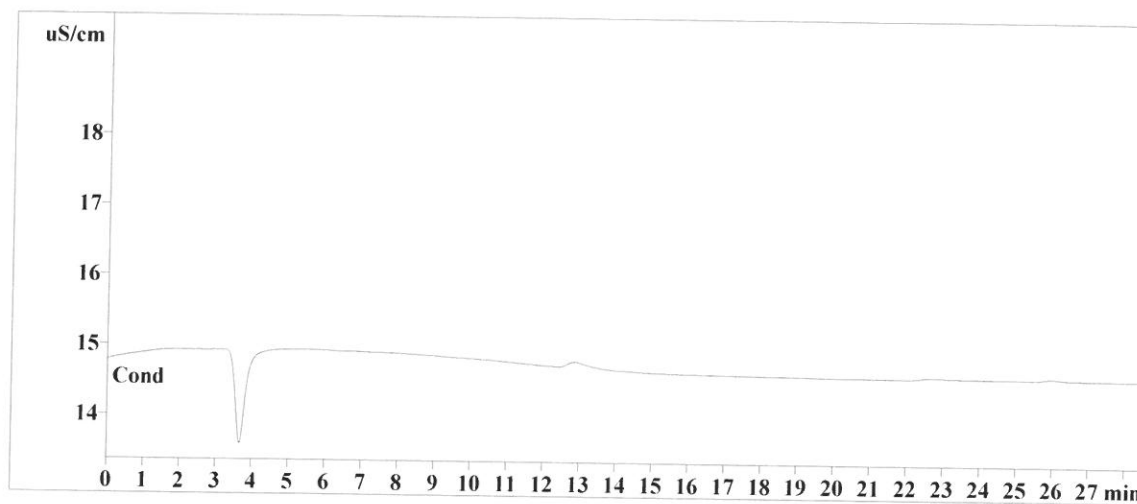
Ident: CCB
Analysis from: 6/12/2019 5:22:49 PM
File: _2019-06-12_

Last save: 6/12/2019 5:51:08 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67392

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
:
Vial number: 64
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: 6/13/2019 10:49:48 AM
Printed by: wet

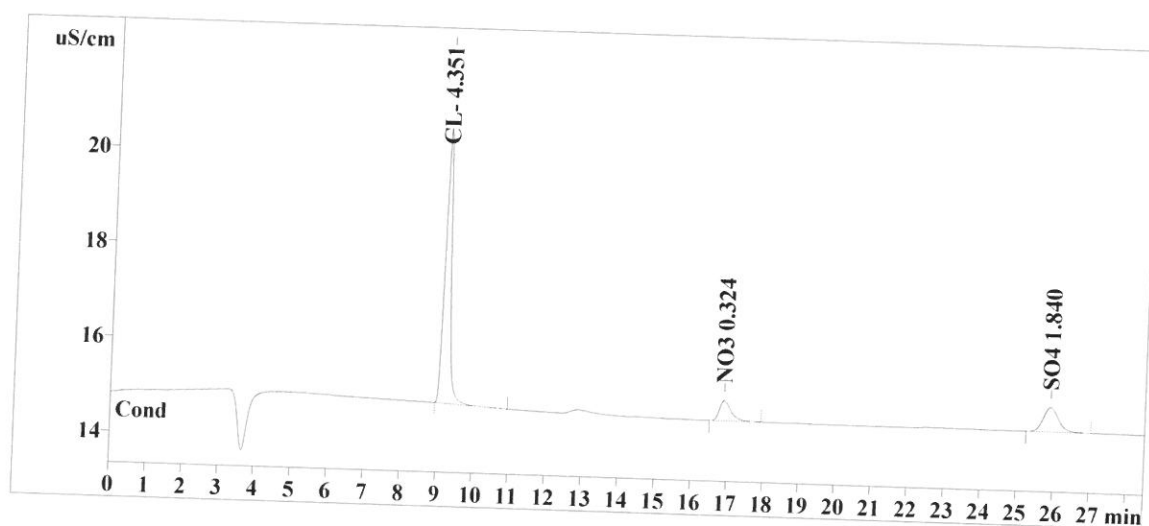
Ident: K3280-07DLX10
Analysis from: 6/12/2019 5:54:14 PM
File: _2019-06-12_

Last save: 6/12/2019 6:22:32 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67393

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 55
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.18	0.175	5.78	86.09	69.167	73.96	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.90	0.330	0.42	6.29	9.429	10.08	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.90	0.443	0.51	7.61	14.921	15.96	0.
7	28.50	0.135	6.72	99.99	93.516	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:50:19 AM
Printed by: wet

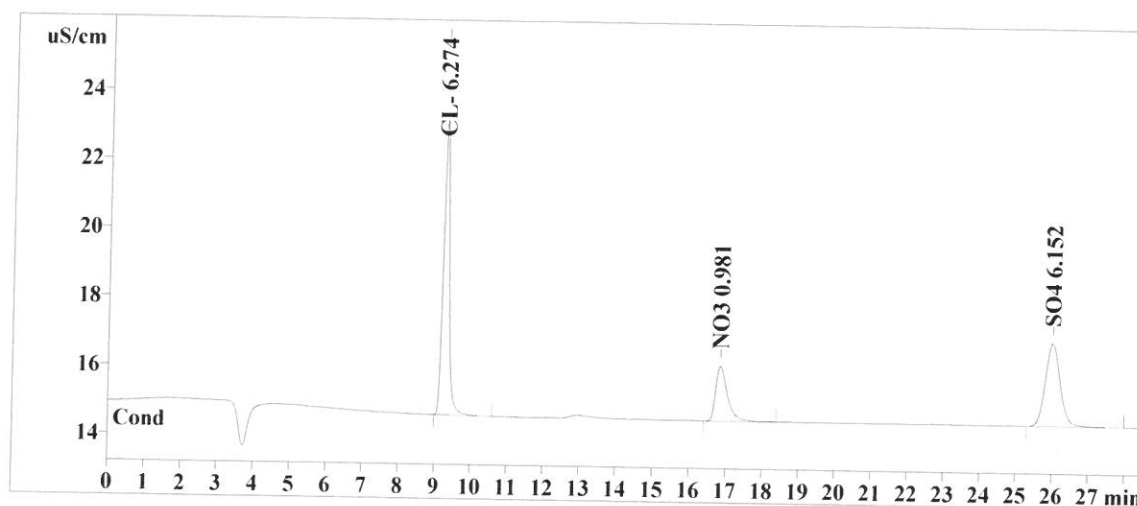
Ident: K3284-16DLX2
Analysis from: 6/12/2019 6:25:38 PM
File: _2019-06-12_

Last save: 6/12/2019 6:53:58 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67394

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 56
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.26	0.172	8.55	68.16	100.434	48.94	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	16.84	0.323	1.59	12.69	35.298	17.20	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.99	0.438	2.40	19.14	69.474	33.86	0.
7	28.50	0.133	12.55	100.00	205.206	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:51:23 AM
Printed by: wet

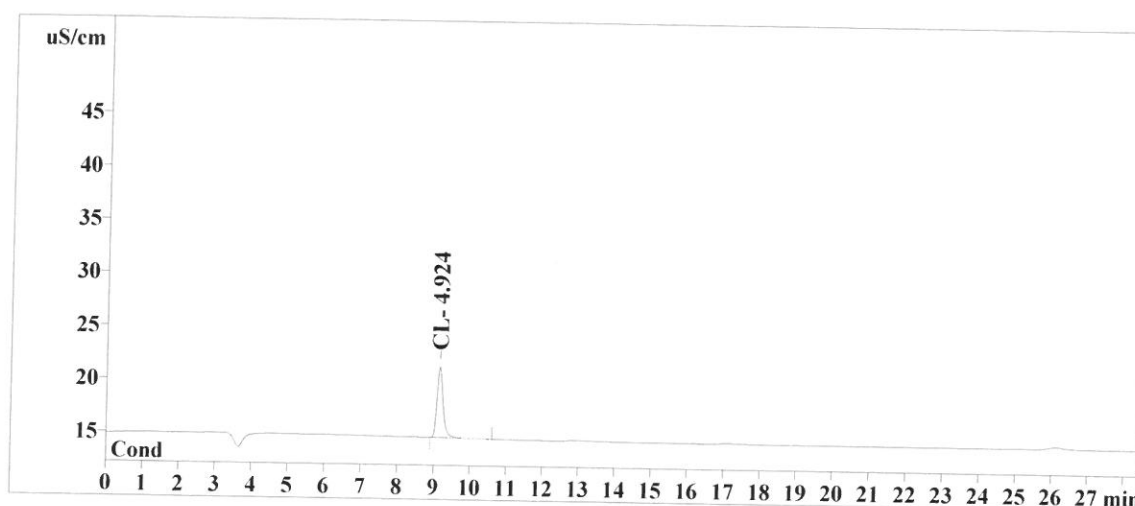
Ident: K3284-15DLX50
Analysis from: 6/12/2019 6:57:03 PM
File: _2019-06-12_

Last save: 6/13/2019 10:51:18 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67395

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
:
Vial number: 57
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.175	6.59	100.00	78.491	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	6.59	100.00	78.491	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:51:42 AM
Printed by: wet

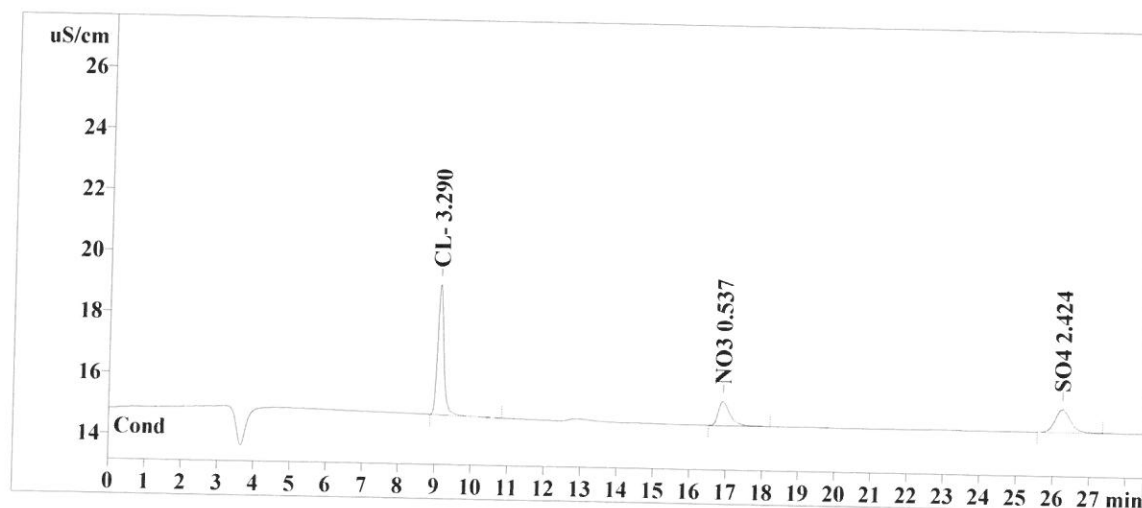
Ident: K3284-17DLX10
Analysis from: 6/12/2019 7:28:27 PM
File: _2019-06-12_

Last save: 6/12/2019 7:56:46 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67396

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 58
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.12	0.178	4.26	73.46	51.913	56.41	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	16.90	0.332	0.79	13.55	17.823	19.37	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.25	0.452	0.75	12.98	22.298	24.23	0.
7	28.50	0.137	5.80	99.99	92.033	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:52:22 AM
Printed by: wet

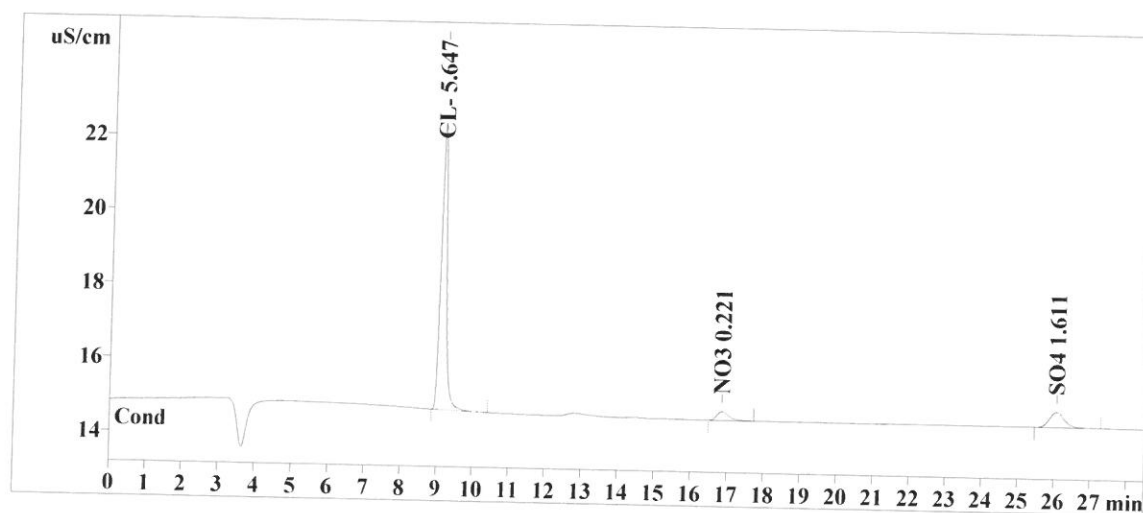
Ident: K3284-18DLX20
Analysis from: 6/12/2019 7:59:51 PM
File: _2019-06-12_

Last save: 6/12/2019 8:28:10 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67397

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 59
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.11	0.171	7.73	92.29	90.247	83.84	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	16.85	0.337	0.24	2.83	5.382	5.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.06	0.449	0.41	4.87	12.013	11.16	0.
7	28.50	0.137	8.38	99.99	107.643	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:53:25 AM
Printed by: wet

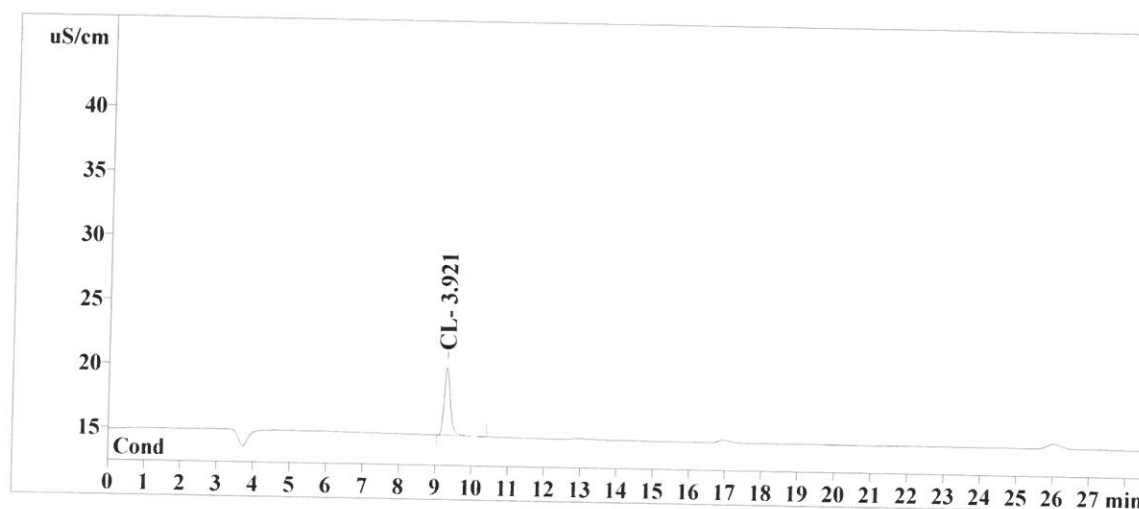
Ident: K3284-19DLX5
Analysis from: 6/12/2019 8:31:16 PM
File: _2019-06-12_

Last save: 6/13/2019 10:53:24 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67398

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 60
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.30	0.174	5.26	100.00	62.174	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	5.26	100.00	62.174	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:54:48 AM
Printed by: wet

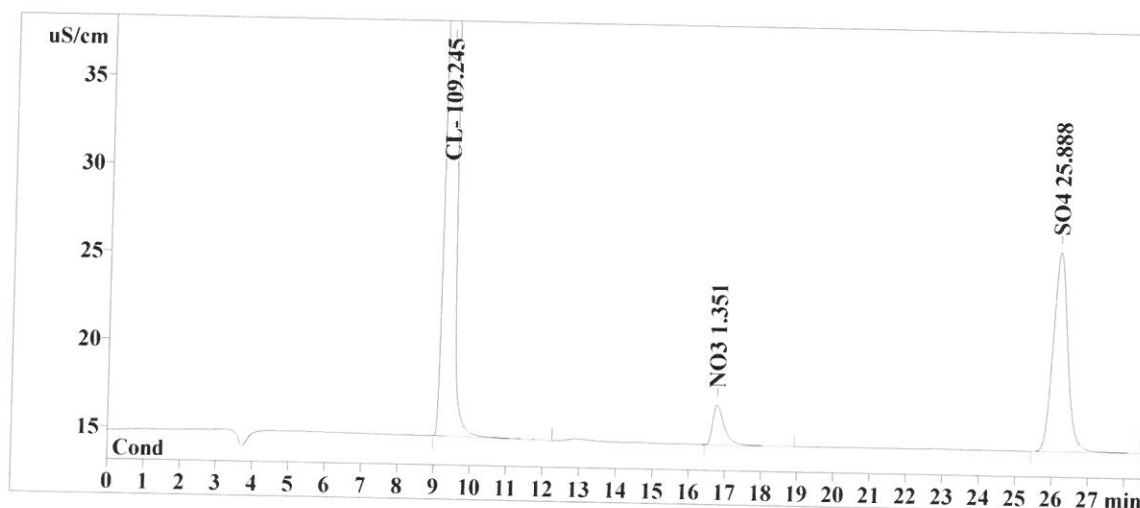
Ident: K3284-20DLX2
Analysis from: 6/12/2019 9:02:41 PM
File: _2019-06-12_

Last save: 6/13/2019 10:54:42 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67399

Last save: 6/11/2019 4:59:10 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.36	0.190	143.31	91.35	1774.594	82.78	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.77	0.322	2.25	1.43	49.904	2.33	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.16	0.427	11.30	7.20	319.161	14.89	0.
7	28.50	0.134	156.86	99.99	2143.659	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:55:09 AM
Printed by: wet

Ident: K3284-20DL2X50
Analysis from: 6/12/2019 9:34:05 PM
File: _2019-06-12_

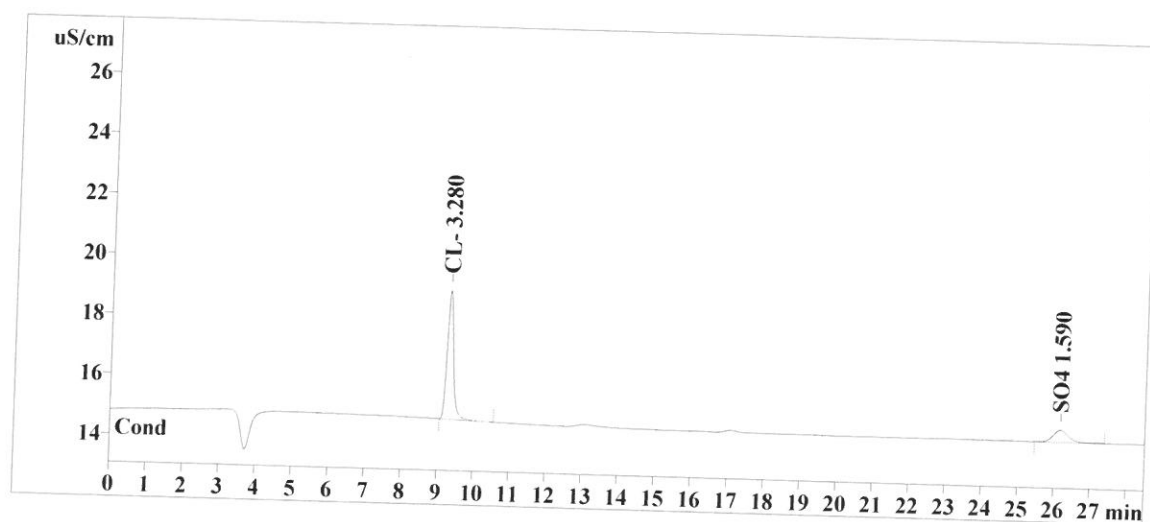
Last save: 6/13/2019 10:55:08 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67400

Last save: 6/11/2019 4:59:10 PM

SAMPLE:

: AK/AP
Vial number: 62
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.30	0.178	4.27	91.43	51.759	81.49	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	26.16	0.444	0.40	8.56	11.754	18.51	0.
7	28.50	0.089	4.67	99.99	63.512	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:55:31 AM
Printed by: wet

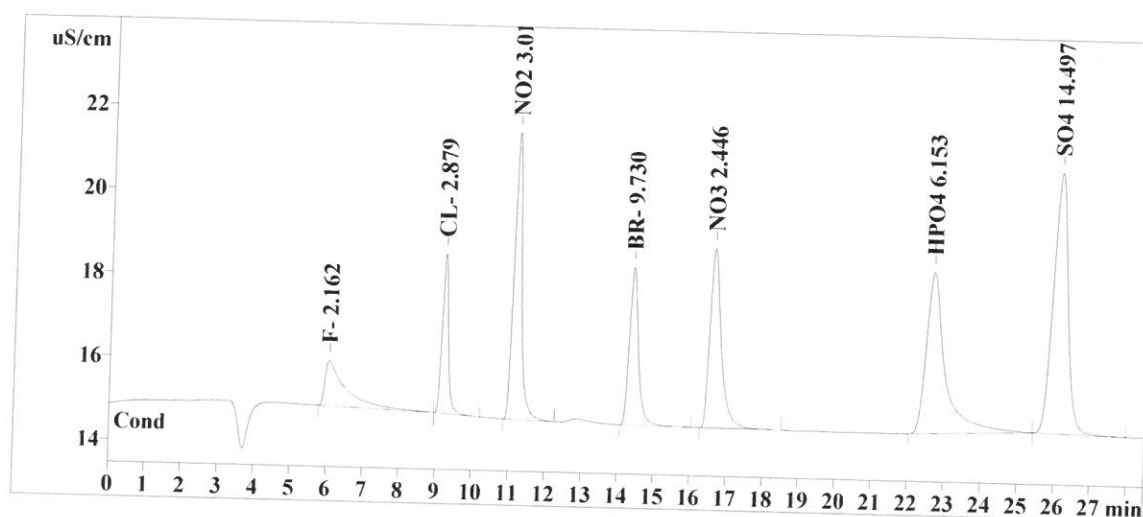
Ident: CCV
Analysis from: 6/12/2019 10:05:30 PM
File: _2019-06-12_

Last save: 6/12/2019 10:33:48 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67401

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
: AK/AP
Vial number: 63
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.05	0.488	1.08	3.62	43.358	6.47	0.
2	9.20	0.176	3.80	12.73	45.234	6.75	0.
3	11.13	0.223	6.83	22.92	104.088	15.54	0.
4	14.37	0.261	3.76	12.62	66.940	10.00	0.
5	16.60	0.315	4.28	14.36	93.070	13.90	0.
6	22.64	0.471	3.84	12.88	141.969	21.20	0.
7	26.07	0.428	6.22	20.86	175.050	26.14	0.
7	28.50	0.337	29.81	99.99	669.708	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/13/2019 10:55:41 AM
Printed by: wet

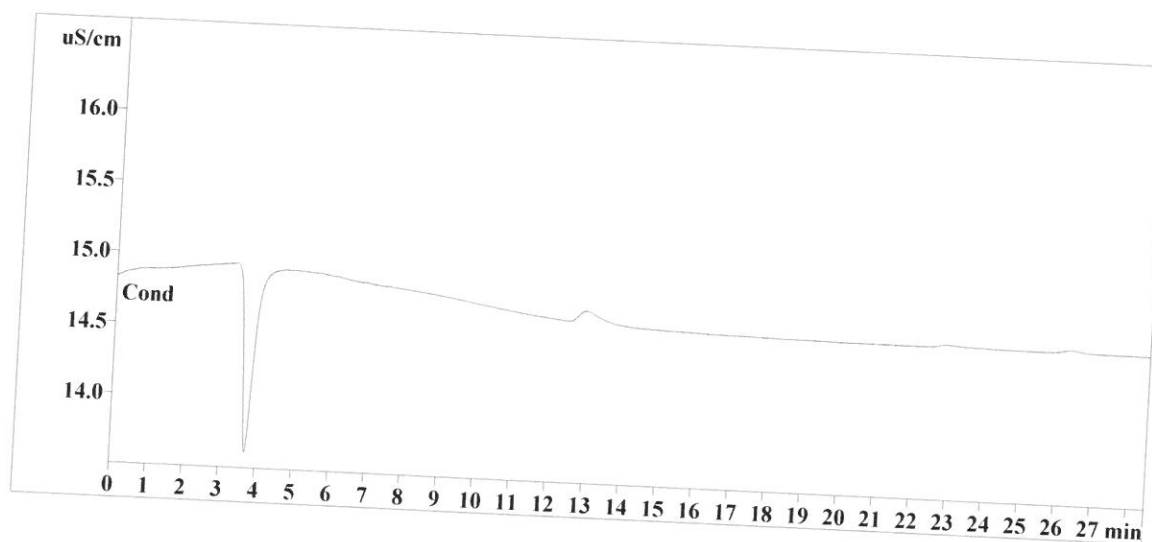
Ident: CCB
Analysis from: 6/12/2019 10:36:54 PM
File: _2019-06-12_

Last save: 6/12/2019 11:05:12 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67402

Last save: 6/11/2019 4:59:10 PM

SAMPLE:
:
Vial number: AK/AP
Volume: 64
Dilution: 20.0 μ L
Amount: 1.00
1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD