

Clear table

IC-1 300.0
06/07/19 AL

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	2.1620	2.9830	3.1330	10.0530	2.5030	5.0770	14.9740	2019-06-05	6/5/19 8:14		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-05	6/5/19 8:48		AK/AP
LB103202BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-05	6/5/19 9:20		AK/AP
LB103202BSW	2.1370	2.8600	3.0310	9.5200	2.3910	5.1690	14.8340	2019-06-05	6/5/19 10:28		AK/AP
K3190-10	0.2450	51.5600	0.0000	0.0000	6.0620	0.0000	46.0350	2019-06-05	6/5/19 11:04		AK/AP
K3190-02	0.0000	48.0770	0.0000	0.3890	5.5040	0.0000	28.1640	2019-06-05	6/5/19 11:36		AK/AP
K3190-04	0.0000	7.9990	0.0000	0.0000	4.5540	0.0000	6.0220	2019-06-05	6/5/19 12:08		AK/AP
K3190-07	0.2170	241.7190	0.0000	0.0000	4.2540	0.0000	21.1020	2019-06-05	6/5/19 12:39		AK/AP
K3190-06	0.0000	17.2910	0.0000	0.0000	0.3970	0.0000	6.0840	2019-06-05	6/5/19 13:11		AK/AP
K3190-08	0.2780	51.4710	0.0000	0.0000	6.3840	0.0000	45.6290	2019-06-05	6/5/19 13:43		AK/AP
K3190-15	0.0000	66.5870	0.0000	0.0000	0.6020	0.0000	6.6780	2019-06-05	6/5/19 14:15		AK/AP
K3190-08DLX2	0.0000	23.9640	0.0000	0.0000	2.9690	0.0000	21.8890	2019-06-05	6/5/19 14:47		AK/AP
CCV	1.9070	2.7930	2.9860	9.7790	2.3780	3.9990	14.8170	2019-06-05	6/5/19 17:14		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-05	6/5/19 17:46		AK/AP
K3190-18	0.0000	8.8370	0.0000	0.0000	0.8920	0.0000	5.2370	2019-06-05	6/5/19 18:18		AK/AP
K3190-14	0.0000	3.9900	0.0000	0.0000	1.0510	0.0000	11.4970	2019-06-05	6/5/19 18:50		AK/AP
CCV	1.8590	2.9190	3.0810	9.8800	2.5500	3.3390	14.8670	2019-06-05	6/5/19 20:25		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-05	6/5/19 20:57		AK/AP
K3190-16MS	2.0060	63.9550	3.1350	10.1010	3.0530	3.8630	21.2450	2019-06-06	6/6/19 1:44		AK/AP
K3190-17MSD	1.8930	64.2180	3.0350	9.7630	2.9600	4.2950	21.6980	2019-06-06	6/6/19 2:16		AK/AP
CCV	1.7200	2.8350	2.9900	9.7650	2.4970	3.0410	14.6480	2019-06-06	6/6/19 3:20		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-06	6/6/19 4:24		AK/AP
CCV	0.2540	2.7630	2.9300	9.6370	2.4130	5.1860	14.6380	2019-06-06	6/6/19 13:32		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-06	6/6/19 14:04		AK/AP
LB103202BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-06	6/6/19 14:36		AK/AP

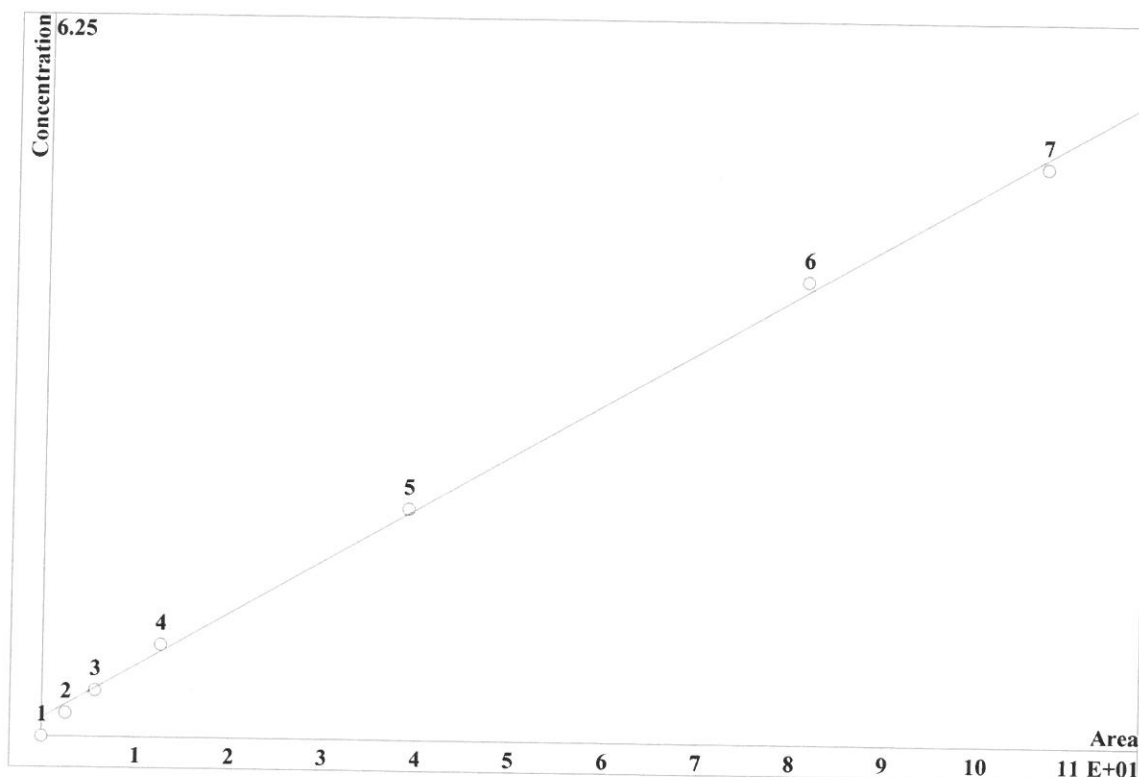
LB103202BSW2	1.9120	2.8860	2.8860	9.3650	2.3550	5.1330	14.0280	2019-06-06	6/6/19 15:47	AK/AP
K3190-15DUP	0.0000	68.0910	0.0000	0.0000	0.5950	0.0000	6.7230	2019-06-06	6/6/19 16:19	AK/AP
K3221-06	0.3740	64.0370	0.0000	0.5420	2.7840	0.0000	23.0150	2019-06-06	6/6/19 16:51	AK/AP
K3221-07	0.0000	143.1990	0.0000	0.8180	1.8800	0.0000	13.0840	2019-06-06	6/6/19 17:22	AK/AP
K3221-08	0.0000	18.0830	0.0000	0.0000	0.5480	0.0000	10.7130	2019-06-06	6/6/19 17:54	AK/AP
K3221-04	0.0000	231.3220	0.0000	0.0000	2.9600	0.0000	6.3950	2019-06-06	6/6/19 18:26	AK/AP
K3221-11	0.0000	145.0600	0.0000	0.8170	2.0470	0.0000	11.4530	2019-06-06	6/6/19 18:58	AK/AP
K3221-16	0.2260	91.1590	0.0000	0.5460	1.6660	0.0000	10.9270	2019-06-06	6/6/19 19:30	AK/AP
K3221-09	0.0000	232.3170	0.0000	0.0000	2.9630	0.0000	6.5410	2019-06-06	6/6/19 20:02	AK/AP
CCV	1.9770	2.8660	2.9270	9.6030	2.4350	5.1080	14.0170	2019-06-06	6/6/19 20:34	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-06	6/6/19 21:06	AK/AP
K3221-13	0.0000	120.1160	0.0000	0.0000	0.6000	0.0000	3.6800	2019-06-06	6/6/19 21:38	AK/AP
K3221-14	0.2310	54.1690	0.0000	0.0000	0.8380	0.0000	5.2120	2019-06-06	6/6/19 22:10	AK/AP
K3221-15	0.0000	142.3990	0.0000	1.1120	2.0030	0.0000	15.3390	2019-06-06	6/6/19 22:42	AK/AP
K3221-16DUP	0.0000	91.8220	0.0000	0.5570	1.6560	0.0000	11.2370	2019-06-06	6/6/19 23:13	AK/AP
K3221-16MS	2.3100	85.8120	3.0050	10.2170	4.1100	6.8660	25.1730	2019-06-06	6/6/19 23:45	AK/AP
K3221-16MSD	2.3930	87.6130	3.1180	10.2640	4.0760	7.0450	25.3890	2019-06-07	6/7/19 0:17	AK/AP
K3190-10RE	0.0000	53.0260	0.0000	0.0000	6.1530	0.0000	44.9250	2019-06-07	6/7/19 0:49	AK/AP
K3190-02RE	0.0000	49.7580	0.0000	0.0000	5.4520	0.0000	26.6210	2019-06-07	6/7/19 1:21	AK/AP
K3190-04RE	0.0000	8.3730	0.0000	0.0000	4.4820	0.0000	5.9470	2019-06-07	6/7/19 1:53	AK/AP
K3190-07RE	0.0000	240.6800	0.0000	0.0000	4.3010	0.0000	20.9860	2019-06-07	6/7/19 2:25	AK/AP
CCV	1.9730	2.9100	3.0250	9.5040	2.3780	5.2590	14.4110	2019-06-07	6/7/19 2:57	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07	6/7/19 3:29	AK/AP
LB103202BLW3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07	6/7/19 4:01	AK/AP
LB103202BSW3	2.0190	2.9140	2.9650	9.4340	2.4090	5.4680	14.3140	2019-06-07	6/7/19 4:32	AK/AP
K3190-06RE	0.0000	18.1860	0.0000	0.0000	0.3860	0.0000	6.2350	2019-06-07	6/7/19 5:04	AK/AP
K3190-08RE	0.2210	51.8670	0.0000	0.0000	6.1730	0.0000	45.8730	2019-06-07	6/7/19 5:36	AK/AP
K3190-15RE	0.0000	68.2980	0.0000	0.0000	0.5930	0.0000	6.6870	2019-06-07	6/7/19 6:08	AK/AP
K3190-18RE	0.0000	9.0990	0.0000	0.0000	0.8950	0.0000	5.3250	2019-06-07	6/7/19 6:40	AK/AP
K3190-14RE	0.0000	4.2390	0.0000	0.0000	1.0920	0.0000	12.0830	2019-06-07	6/7/19 7:12	AK/AP
K3190-16MSRE	2.3520	66.2640	3.1960	10.2550	3.1610	7.1020	21.4490	2019-06-07	6/7/19 7:44	AK/AP
K3190-17MSDRE	2.2440	66.7190	3.1420	9.8990	3.0740	7.1550	20.8700	2019-06-07	6/7/19 8:16	AK/AP
CCV	2.0330	2.9390	3.0730	9.8360	2.5210	5.3200	14.7520	2019-06-07	6/7/19 9:26	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07	6/7/19 9:58	AK/AP

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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:

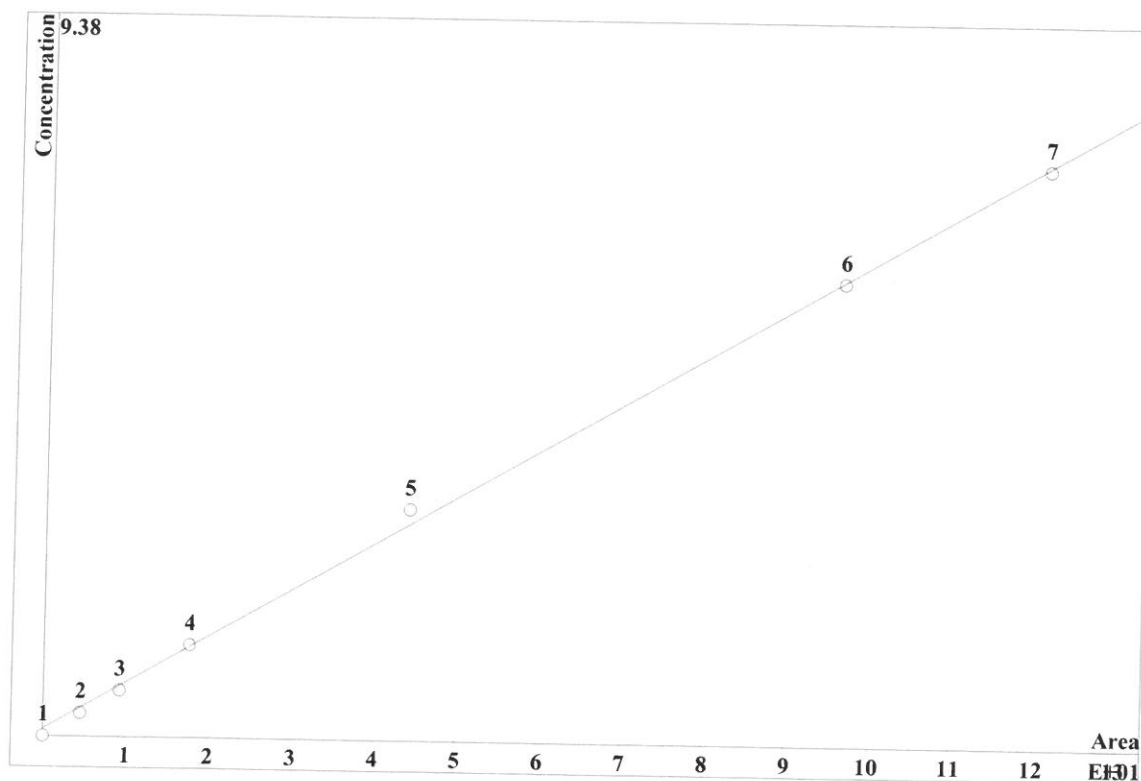
Formula: Linear

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

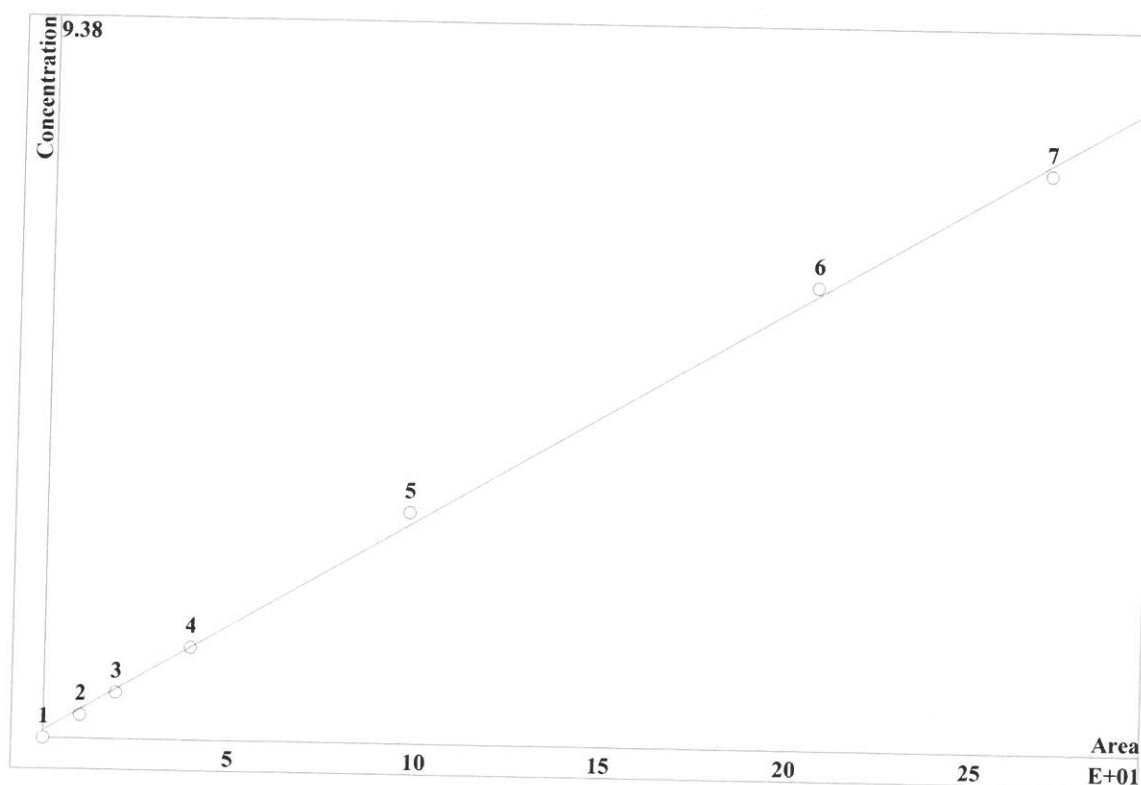


K3 = 0 K2 = 0 K1 = 1.23012 K0 = 1.93148
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

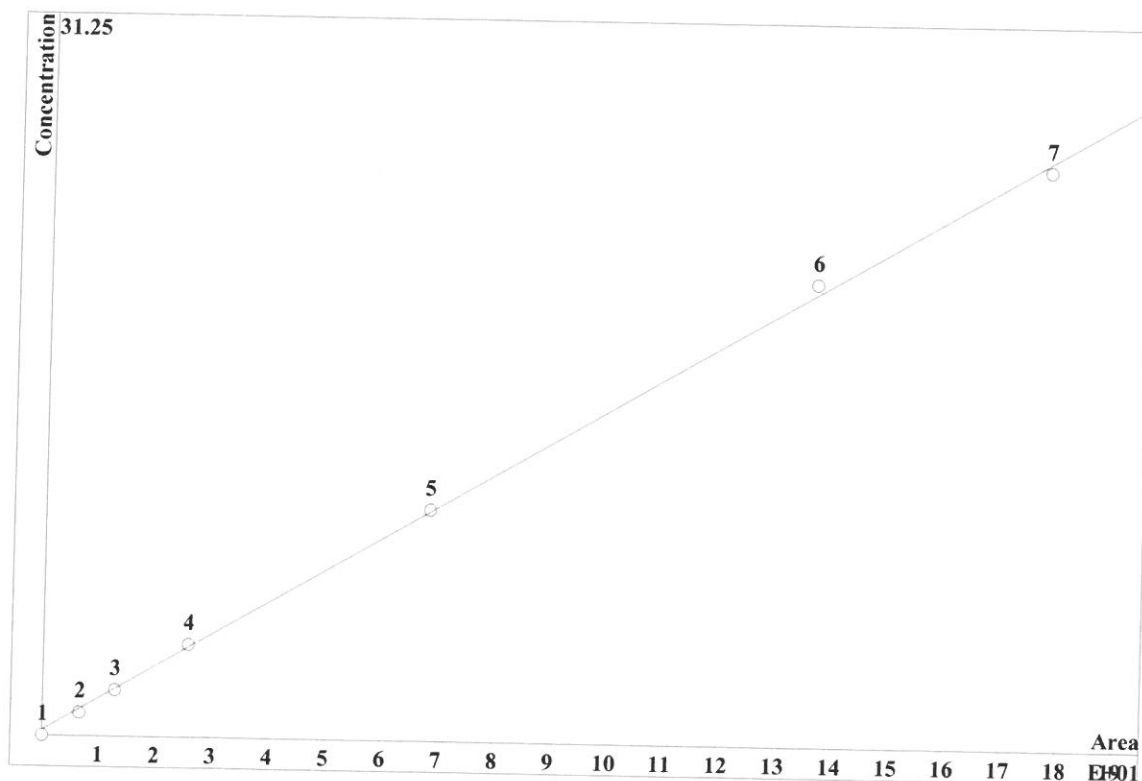


K3 = 0 K2 = 0 K1 = 0.560443 K0 = 2.03838
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

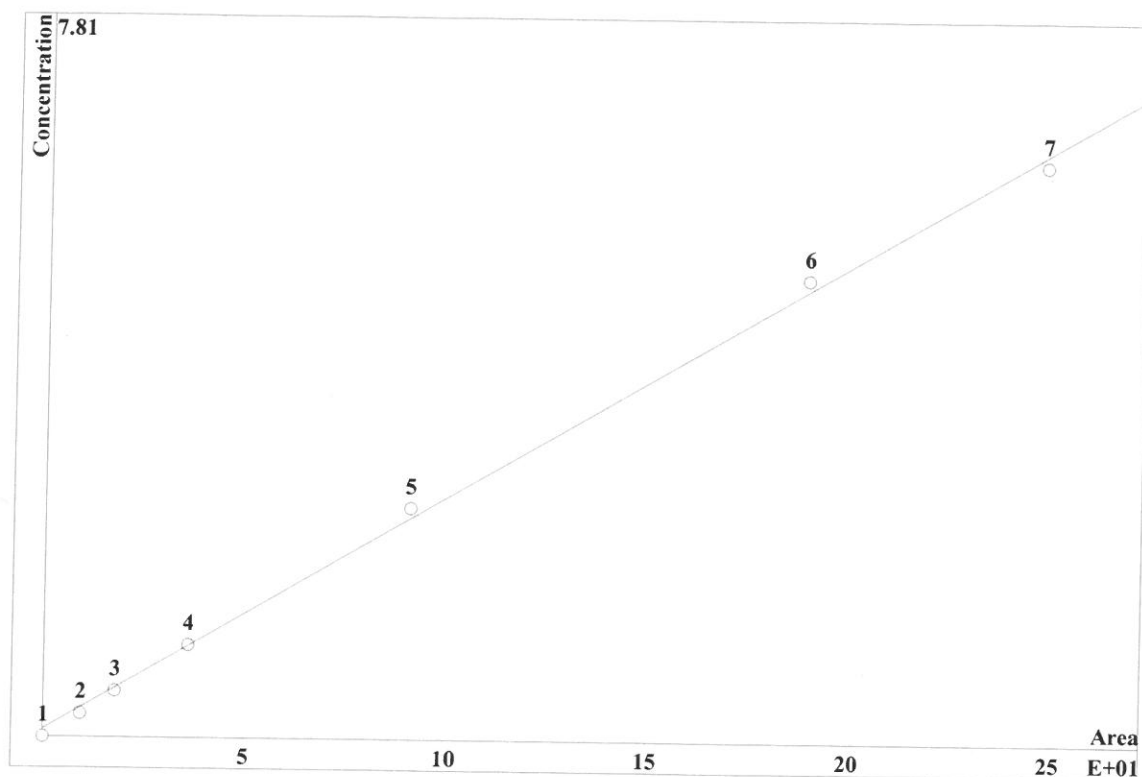


K3 = 0 K2 = 0 K1 = 2.83423 K0 = 4.8869
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



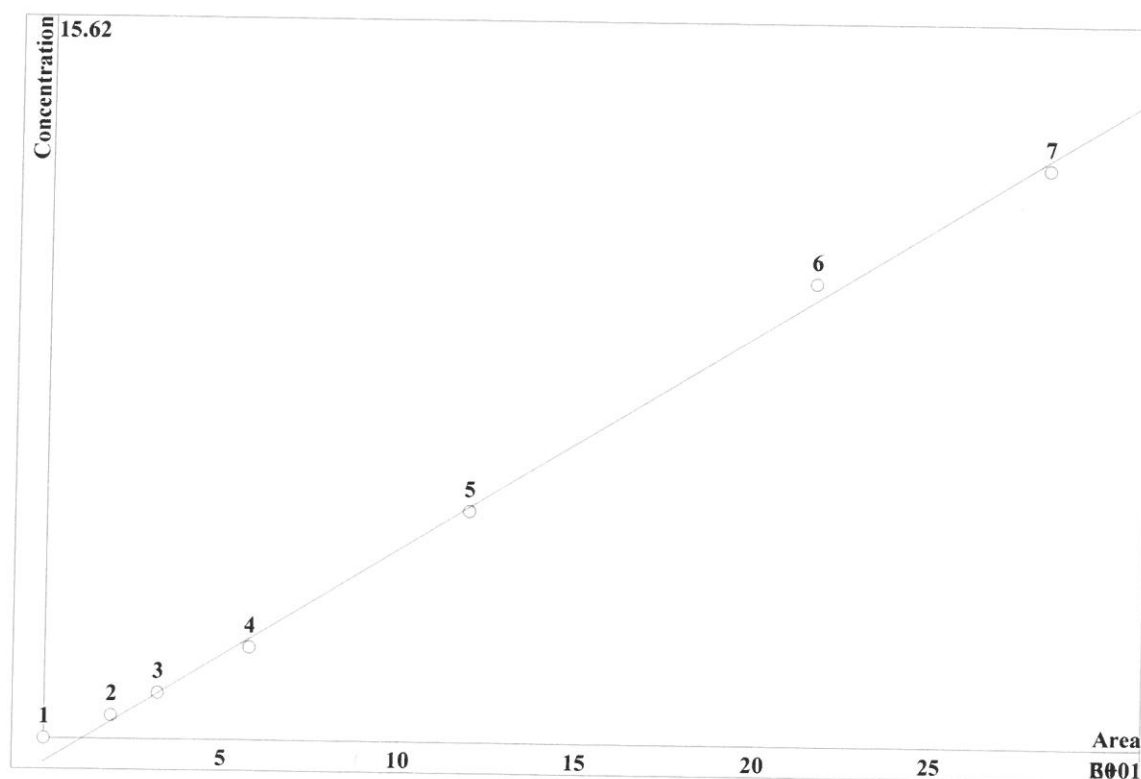
K3 = 0 K2 = 0 K1 = 0.507461 K0 = 1.69823
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

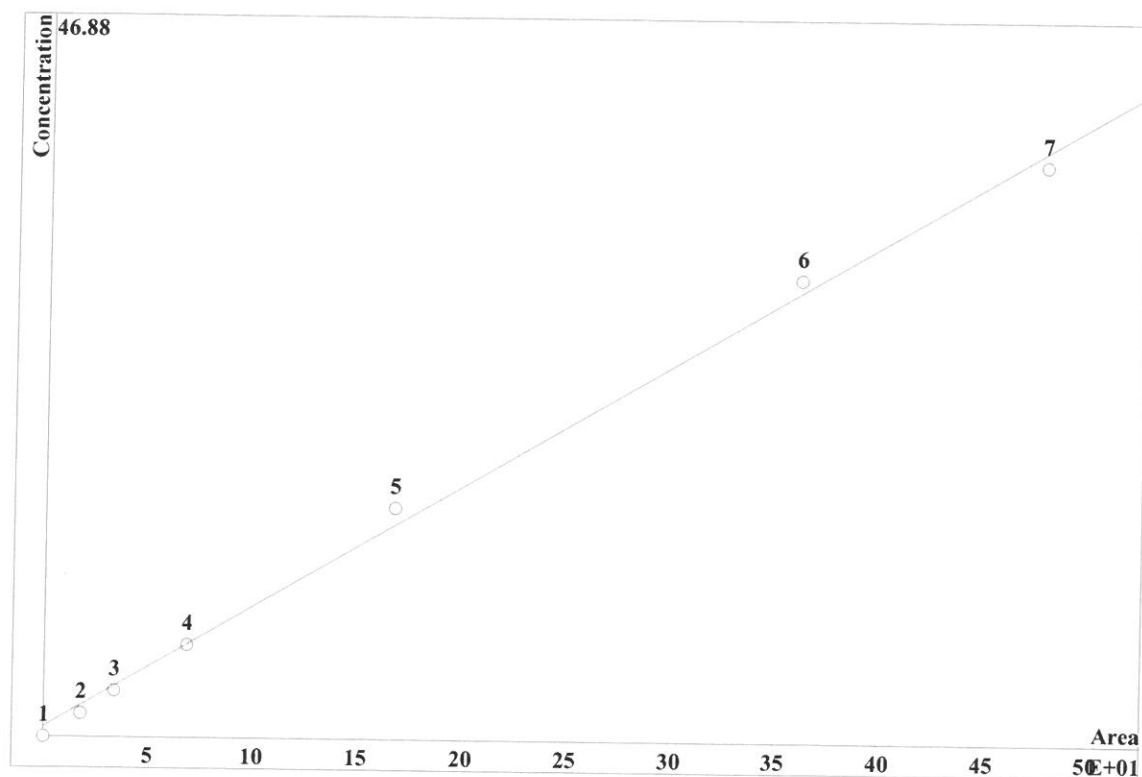


K3 = 0 K2 = 0 K1 = 0.938552 K0 = -10.1883
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

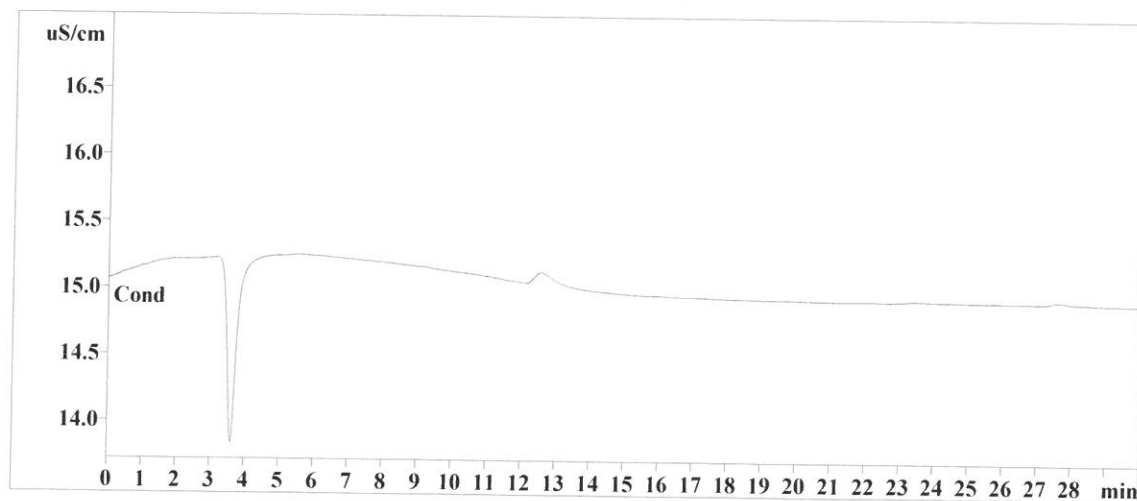
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Analysis from: 5/23/2019 2:53:41 PM
File: _2019-05-23_

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:
: AK/AP
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

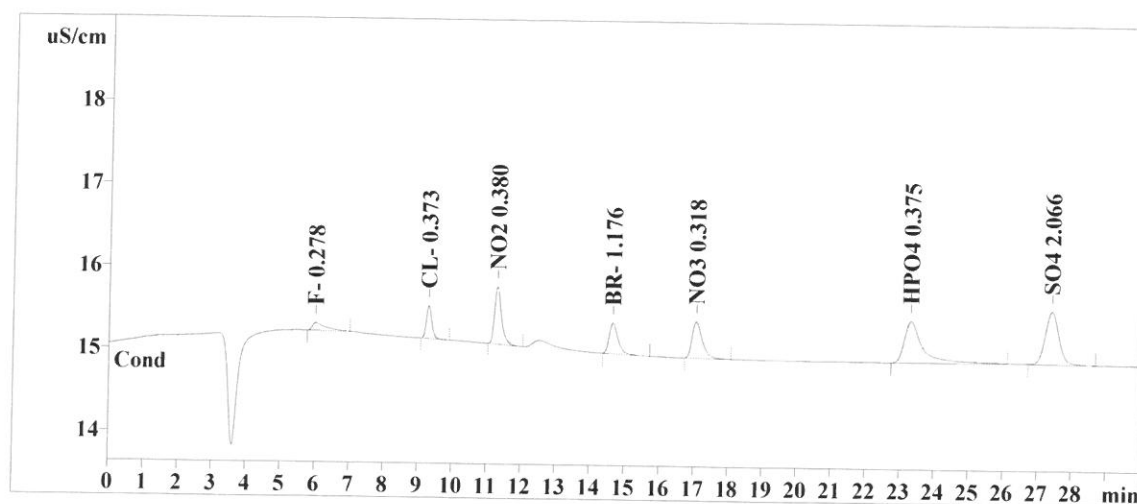
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Analysis from: 5/23/2019 3:26:35 PM
File: _2019-05-23_

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

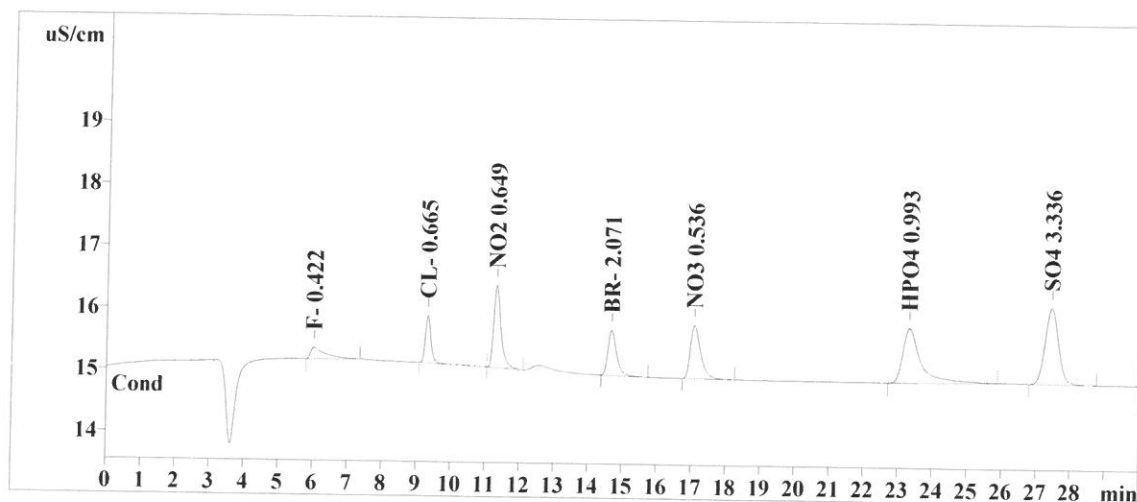
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File: _2019-05-23_

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

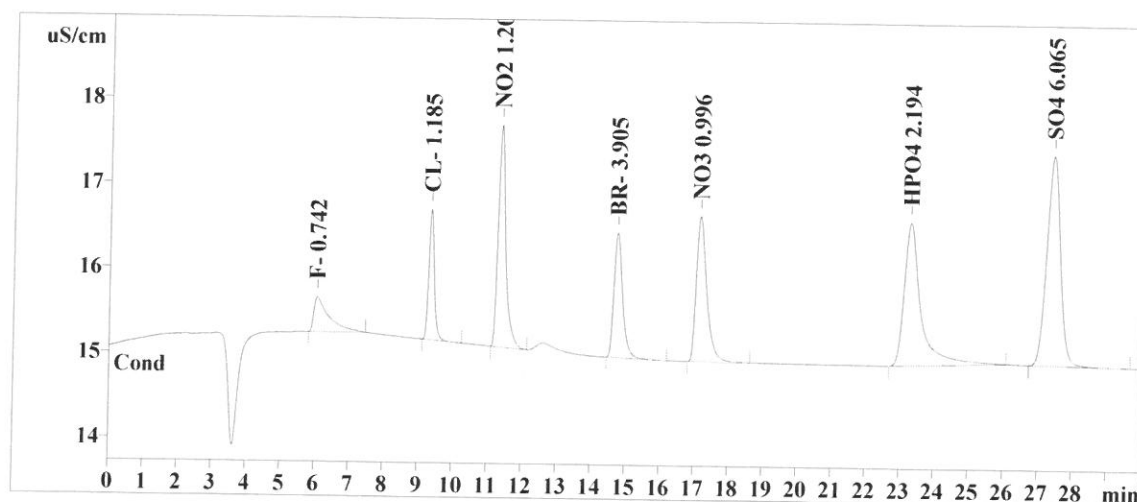
Ident: STD4
Analysis from: 5/23/2019 4:32:22 PM
File: _2019-05-23_

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.

This report has been created by IC Net
METROHM LTD

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

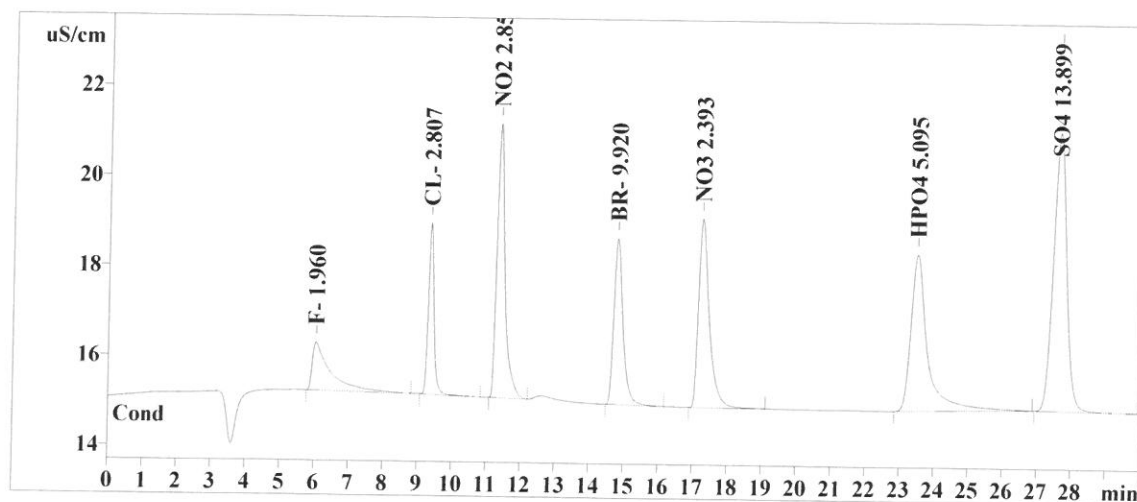
Ident: STD5
Analysis from: 5/23/2019 5:05:16 PM
File: _2019-05-23_

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

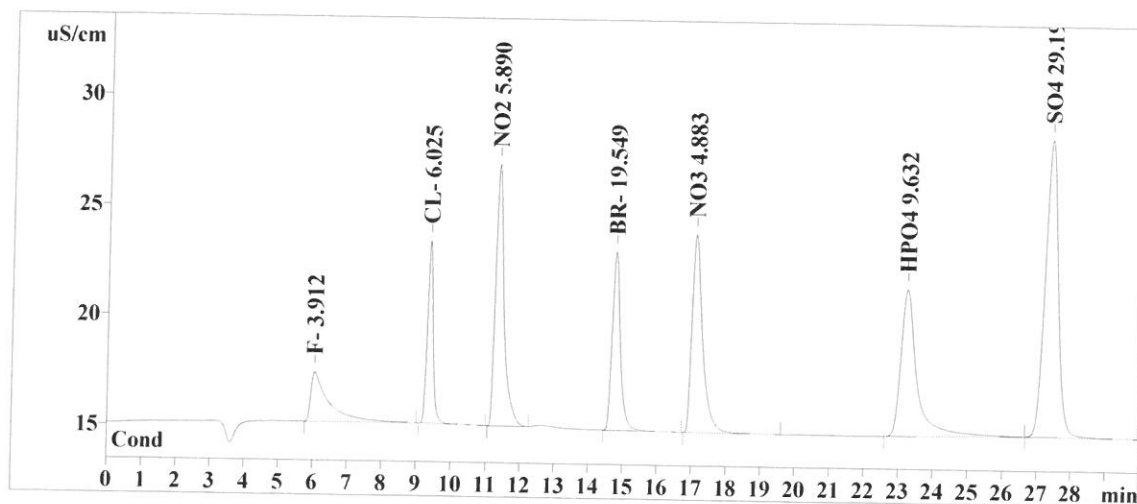
Ident: STD6
 Analysis from: 5/23/2019 5:38:10 PM
 File: _2019-05-23_

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

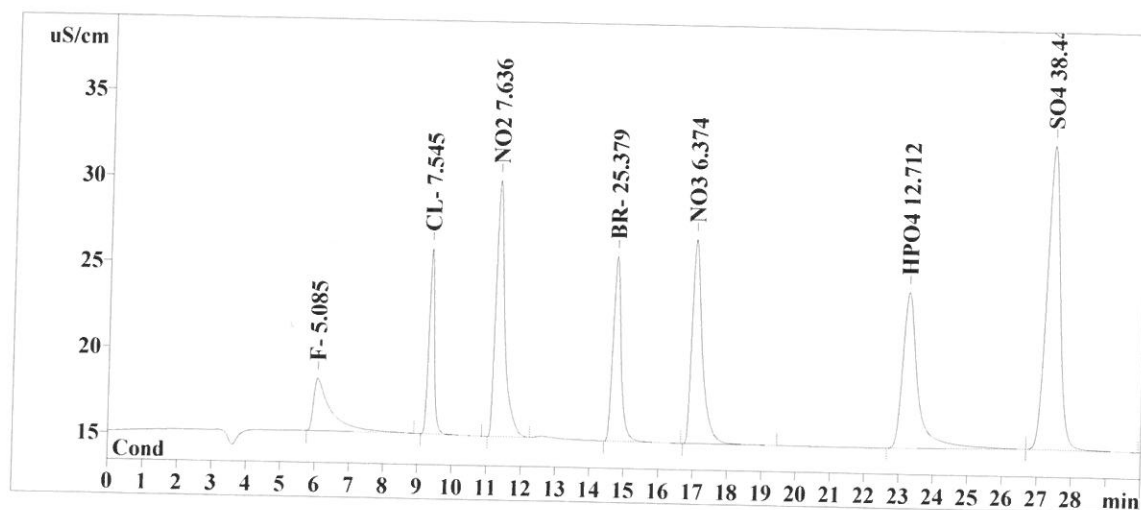
Ident: STD7
 Analysis from: 5/23/2019 6:11:04 PM
 File: _2019-05-23_

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

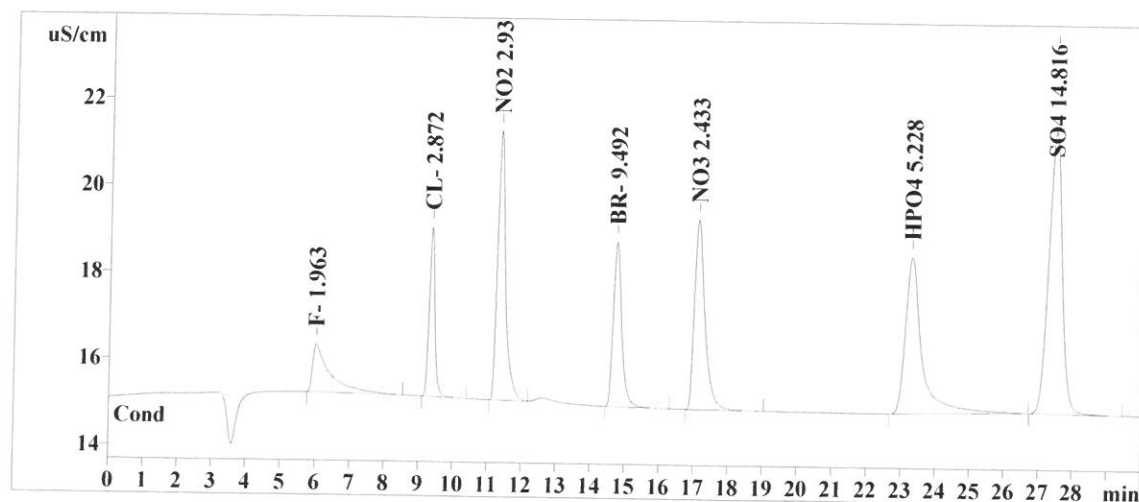
Ident: ICV
Analysis from: 5/23/2019 6:43:57 PM
File: _2019-05-23_

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
METROHM LTD

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

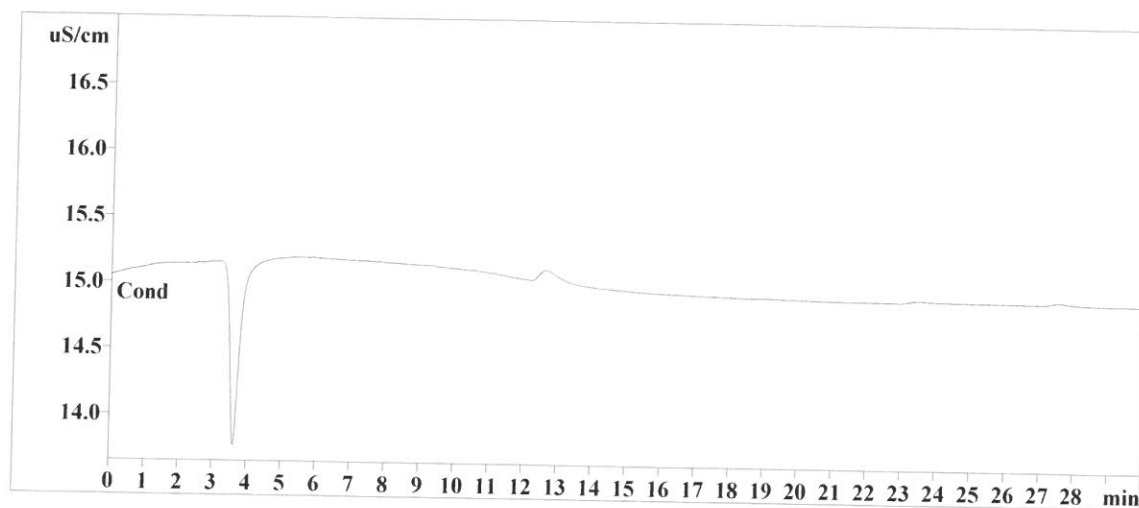
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Analysis from: 5/23/2019 7:16:51 PM
File: _2019-05-23_

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: 6/6/2019 8:43:45 AM
 Printed by: wet

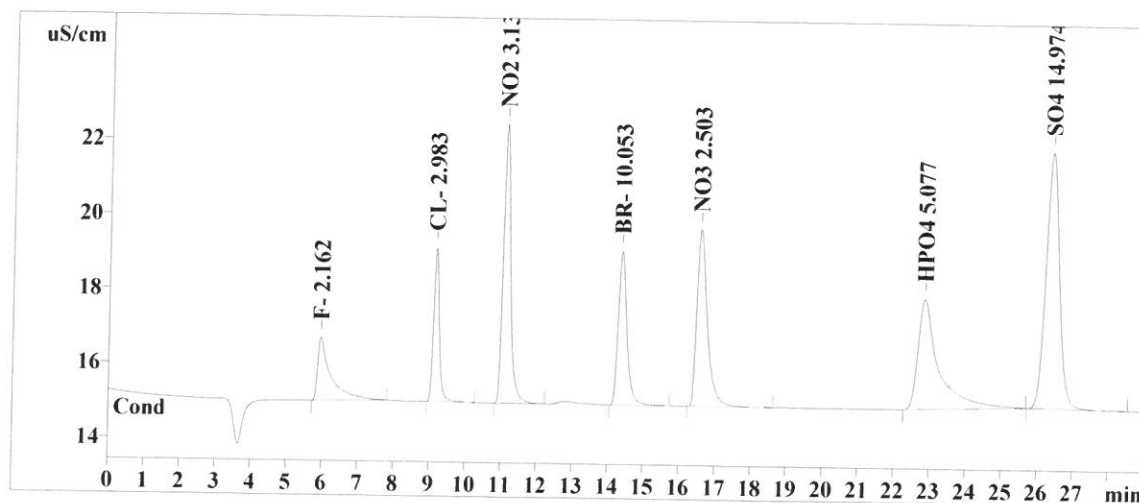
Ident: CCV
 Analysis from: 6/5/2019 8:14:05 AM
 File: _2019-06-05_

Last save: 6/5/2019 8:42:54 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67075

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	0.294	1.68	5.28	43.360	6.54	0.
2	9.16	0.168	4.11	12.86	46.922	7.08	0.
3	11.09	0.212	7.47	23.41	108.154	16.31	0.
4	14.36	0.247	4.11	12.89	69.215	10.44	0.
5	16.56	0.290	4.74	14.85	95.285	14.37	0.
6	22.84	0.477	2.95	9.23	119.051	17.95	0.
7	26.36	0.401	6.86	21.48	181.080	27.31	0.
7	29.00	0.298	31.92	99.99	663.066	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/6/2019 8:44:09 AM
Printed by: wet

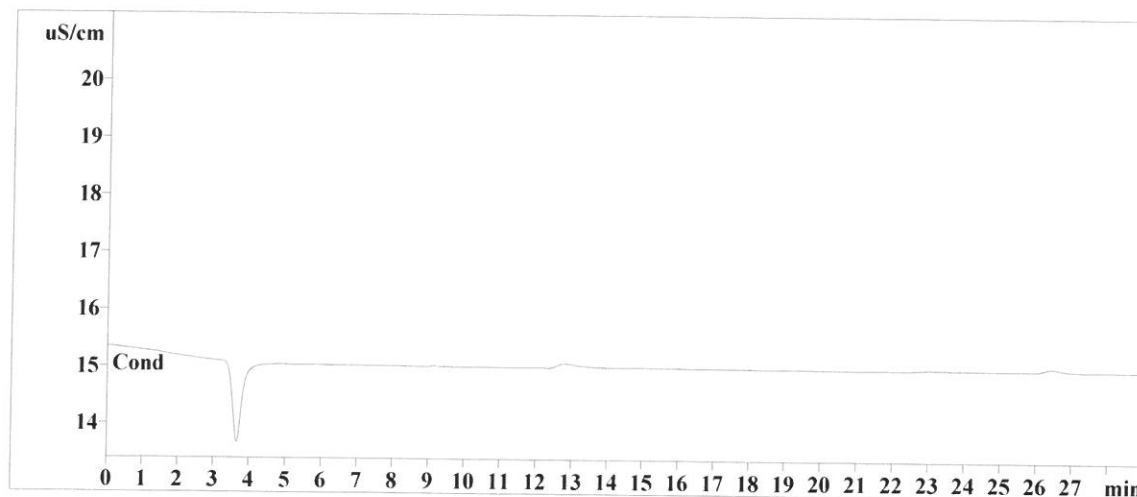
Ident: CCB
Analysis from: 6/5/2019 8:48:08 AM
File: _2019-06-05_

Last save: 6/6/2019 8:44:08 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67076

Last save: 5/30/2019 2:14:16 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: 6/6/2019 8:44:27 AM
Printed by: wet

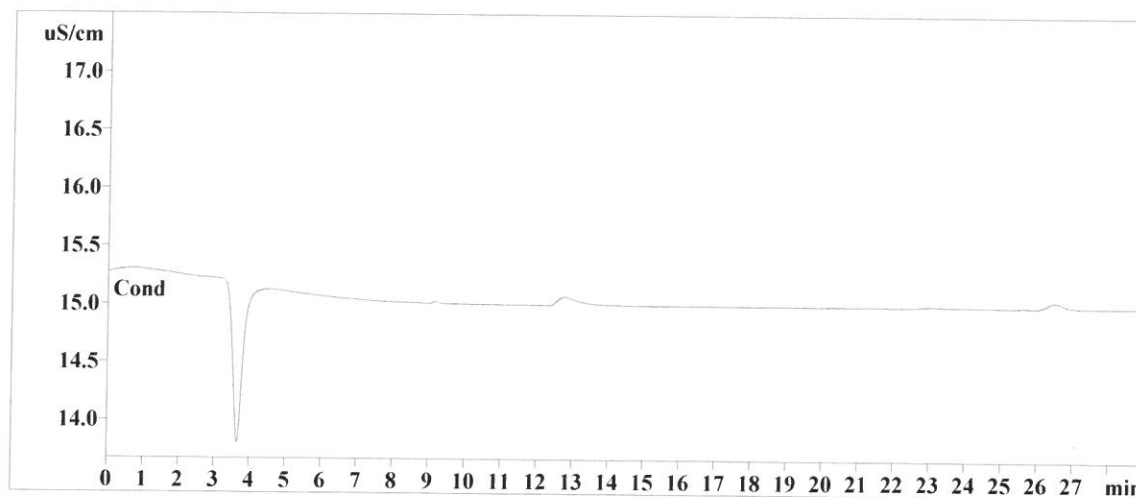
Ident: LB103202BLW
Analysis from: 6/5/2019 9:20:02 AM
File: _2019-06-05_

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

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67077

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

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: 6/6/2019 8:44:35 AM
Printed by: wet

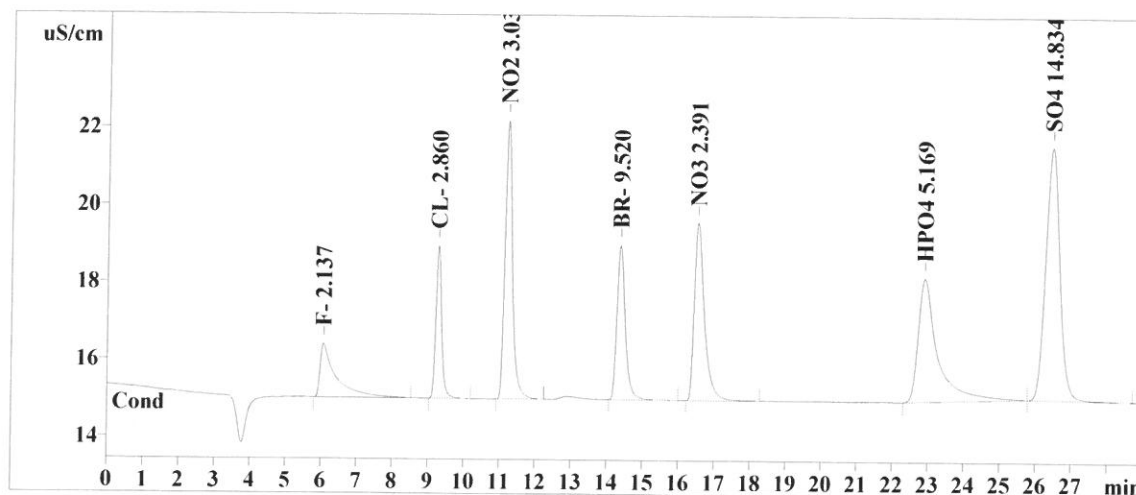
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Analysis from: 6/5/2019 10:28:59 AM
File: _2019-06-05_

Last save: 6/5/2019 1:16:18 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67079

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	6.06	0.354	1.38	4.49	42.799	6.60	0.
2	9.28	0.169	3.93	12.78	44.928	6.92	0.
3	11.21	0.214	7.19	23.38	104.536	16.11	0.
4	14.36	0.242	3.98	12.94	65.452	10.09	0.
5	16.51	0.288	4.59	14.90	90.871	14.00	0.
6	22.89	0.467	3.18	10.33	121.003	18.65	0.
7	26.43	0.418	6.52	21.19	179.316	27.63	0.
7	29.00	0.307	30.77	100.00	648.906	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:45:14 AM
 Printed by: wet

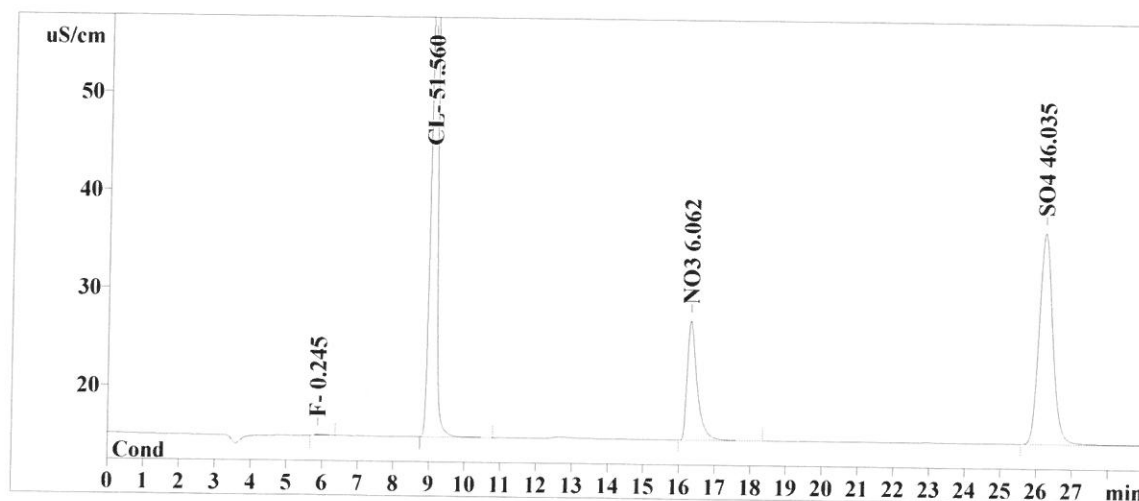
Ident: K3190-10
 Analysis from: 6/5/2019 11:04:12 AM
 File: _2019-06-05_

Last save: 6/5/2019 11:53:58 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67080

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

SAMPLE:
 : AK/AP
 Vial number: 6
 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	5.88	0.322	0.09	0.08	1.792	0.11	0.
2	9.06	0.164	76.27	69.34	836.722	50.77	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	16.30	0.279	12.13	11.03	235.579	14.29	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.20	0.404	21.50	19.55	574.053	34.83	0.
7	29.00	0.167	109.99	100.00	1648.146	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/6/2019 8:45:29 AM
Printed by: wet

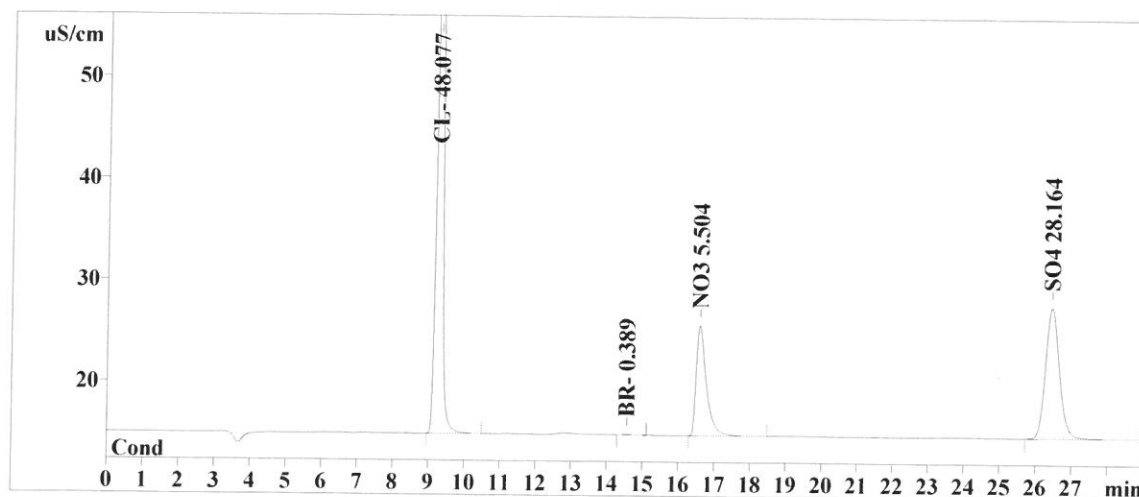
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Analysis from: 6/5/2019 11:36:06 AM
File: _2019-06-05_

Last save: 6/5/2019 12:04:54 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67081

Last save: 5/30/2019 2:14:16 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.26	0.159	73.35	75.57	780.090	58.10	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.55	0.273	0.06	0.06	1.023	0.08	0.
5	16.58	0.285	10.80	11.13	213.570	15.91	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.44	0.409	12.85	13.24	347.951	25.92	0.
7	29.00	0.161	97.05	100.00	1342.635	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:45:50 AM
Printed by: wet

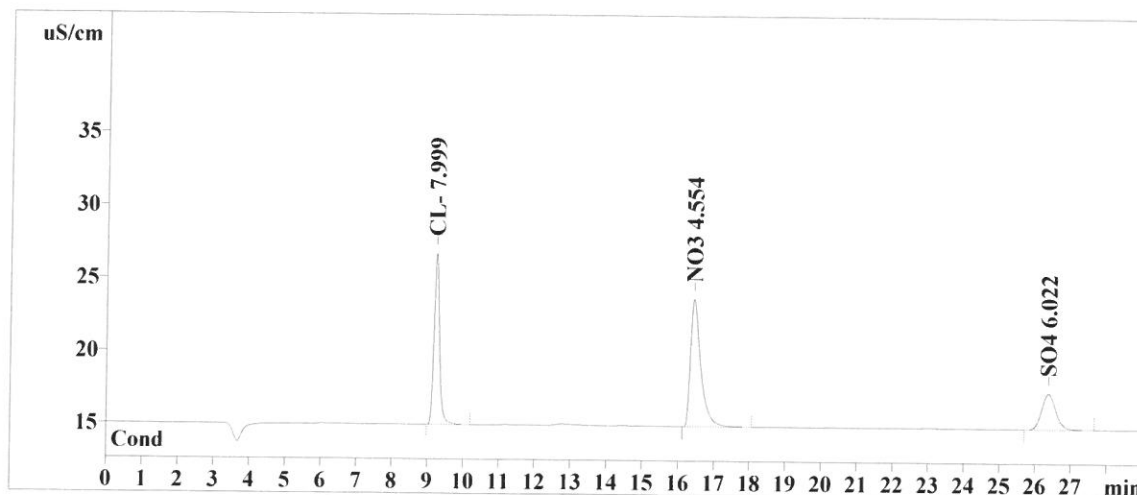
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Analysis from: 6/5/2019 12:08:00 PM
File: _2019-06-05_

Last save: 6/5/2019 12:36:48 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67082

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	0.00	0.00	0.000	0.00	0.
2	9.23	0.161	11.74	51.18	128.488	34.50	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.42	0.291	8.74	38.08	176.120	47.29	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.37	0.420	2.46	10.73	67.819	18.21	0.
7	29.00	0.124	22.94	100.00	372.427	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:47:08 AM
 Printed by: wet

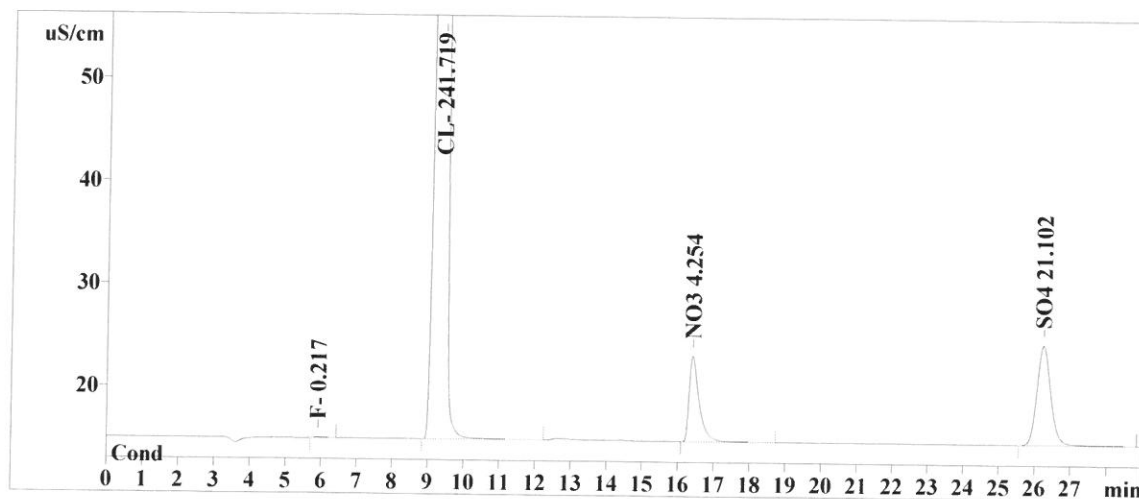
Ident: K3190-07
 Analysis from: 6/5/2019 12:39:55 PM
 File: _2019-06-05_

Last save: 6/5/2019 1:08:44 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67083

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	5.91	0.289	0.06	0.02	1.200	0.03	0.
2	9.39	0.257	246.45	93.14	3928.436	90.26	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	16.40	0.285	8.30	3.14	164.302	3.77	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.23	0.404	9.68	3.66	258.605	5.94	0.
7	29.00	0.176	264.49	99.96	4352.542	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/6/2019 8:47:50 AM
 Printed by: wet

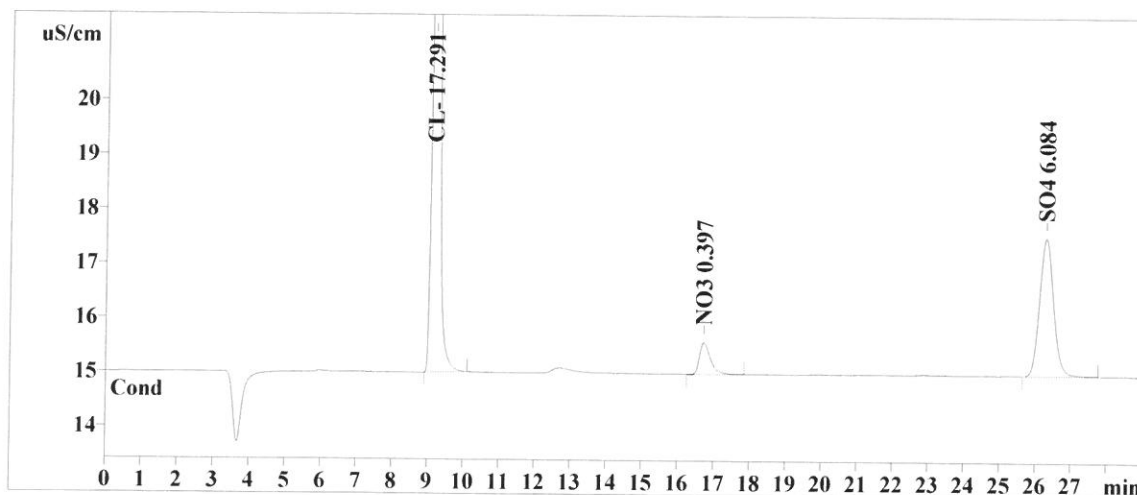
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 Analysis from: 6/5/2019 1:11:49 PM
 File: _2019-06-05_

Last save: 6/5/2019 1:40:38 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67084

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	0.155	26.50	89.51	279.556	77.56	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	16.72	0.310	0.58	1.97	12.288	3.41	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.28	0.413	2.53	8.54	68.609	19.03	0.
7	29.00	0.125	29.61	100.02	360.453	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/6/2019 8:48:03 AM
Printed by: wet

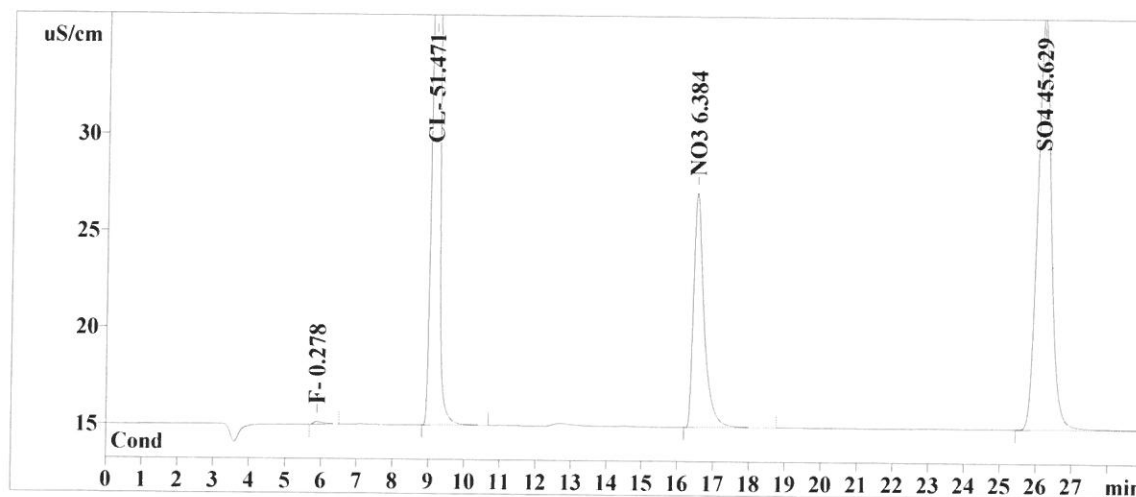
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Analysis from: 6/5/2019 1:43:43 PM
File: _2019-06-05_

Last save: 6/5/2019 2:12:32 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67085

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	5.88	0.254	0.14	0.13	2.503	0.15	0.
2	9.14	0.162	77.12	69.65	835.268	50.47	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	16.51	0.294	12.09	10.92	248.239	15.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.15	0.402	21.38	19.31	568.912	34.38	0.
7	29.00	0.159	110.72	100.00	1654.923	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:48:13 AM
Printed by: wet

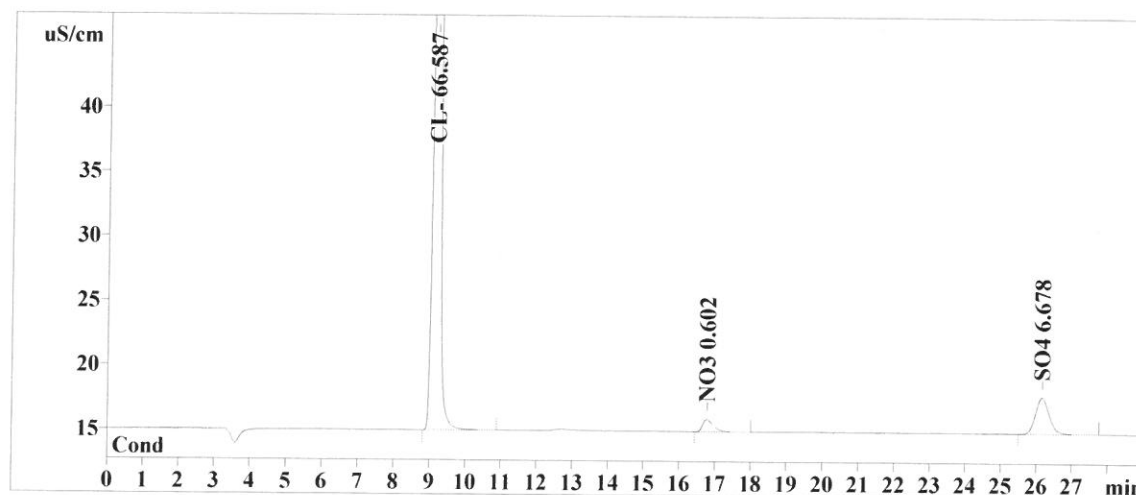
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File: _2019-06-05_

Last save: 6/5/2019 2:44:26 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67086

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.17	0.164	99.06	96.33	1081.032	91.80	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	0.312	0.96	0.93	20.376	1.73	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.16	0.410	2.82	2.74	76.125	6.46	0.
7	29.00	0.127	102.84	100.00	1177.533	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:48:25 AM
Printed by: wet

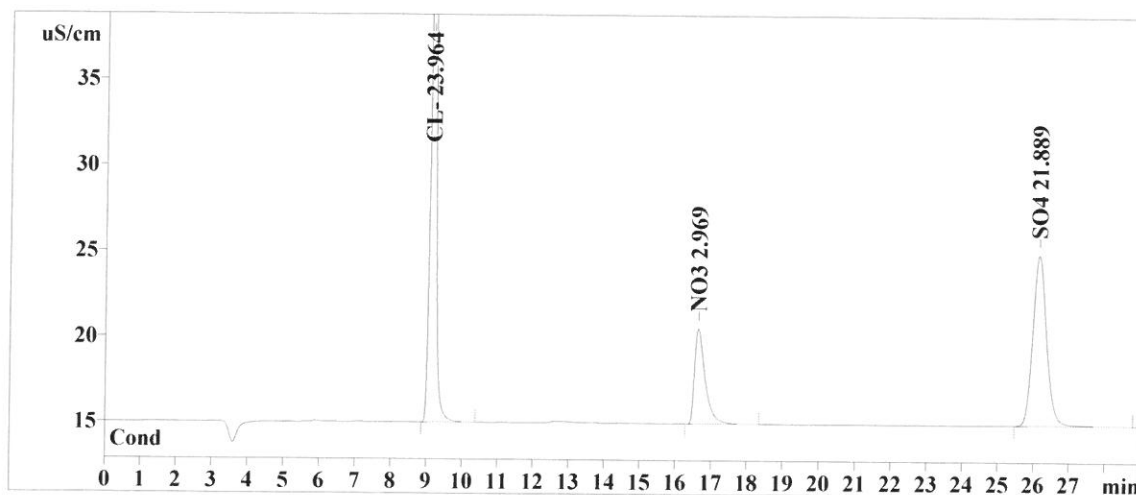
Ident: K3190-08DLX2
Analysis from: 6/5/2019 2:47:31 PM
File: _2019-06-05_

Last save: 6/5/2019 3:16:20 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67087

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.14	0.157	36.44	70.16	388.055	50.38	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	16.63	0.296	5.55	10.68	113.659	14.76	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.14	0.407	9.95	19.16	268.564	34.87	0.
7	29.00	0.123	51.93	100.00	770.278	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:48:35 AM
 Printed by: wet

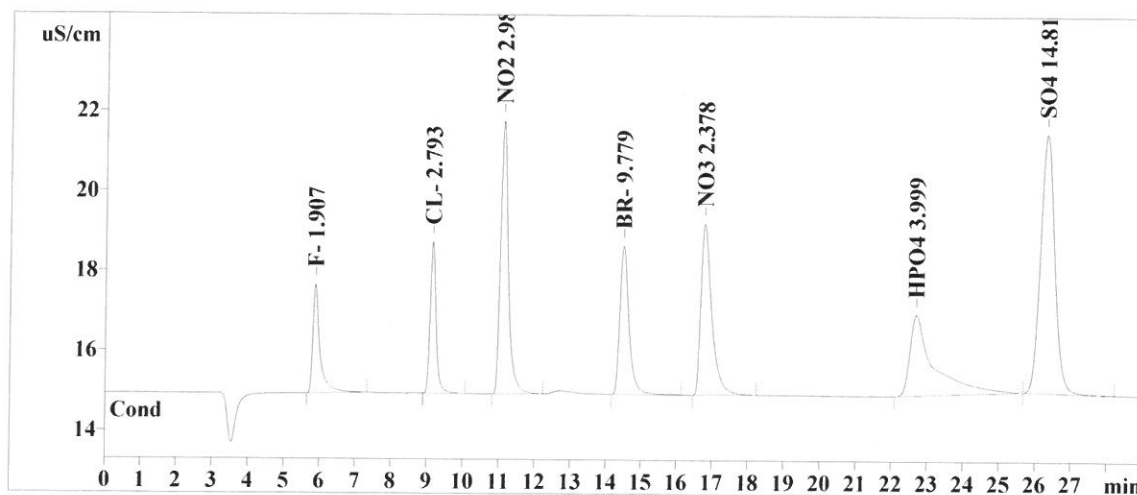
Ident: CCV
 Analysis from: 6/5/2019 5:14:28 PM
 File: _2019-06-05_

Last save: 6/5/2019 5:43:16 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67092

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	5.87	0.176	2.71	9.09	37.818	6.13	0.
2	9.15	0.170	3.78	12.70	43.835	7.10	0.
3	11.10	0.219	6.83	22.93	102.912	16.67	0.
4	14.48	0.265	3.70	12.44	67.281	10.90	0.
5	16.77	0.305	4.28	14.36	90.389	14.64	0.
6	22.69	0.488	2.01	6.76	96.077	15.56	0.
7	26.30	0.422	6.47	21.71	179.101	29.01	0.
7	29.00	0.292	29.78	100.00	617.413	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/6/2019 8:49:05 AM
Printed by: wet

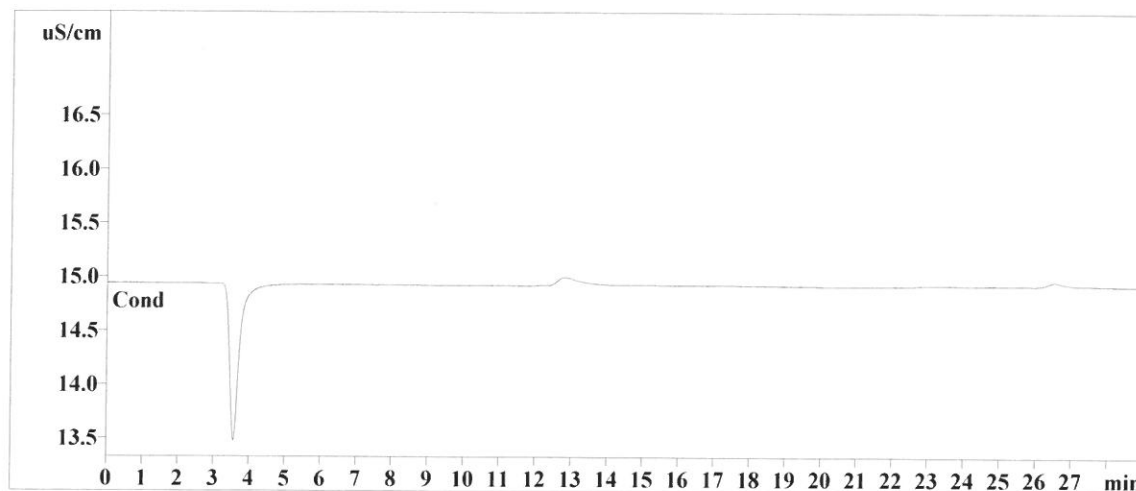
Ident: CCB
Analysis from: 6/5/2019 5:46:22 PM
File: _2019-06-05_

Last save: 6/6/2019 8:49:04 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67093

Last save: 5/30/2019 2:14:16 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: 6/6/2019 8:49:15 AM
 Printed by: wet

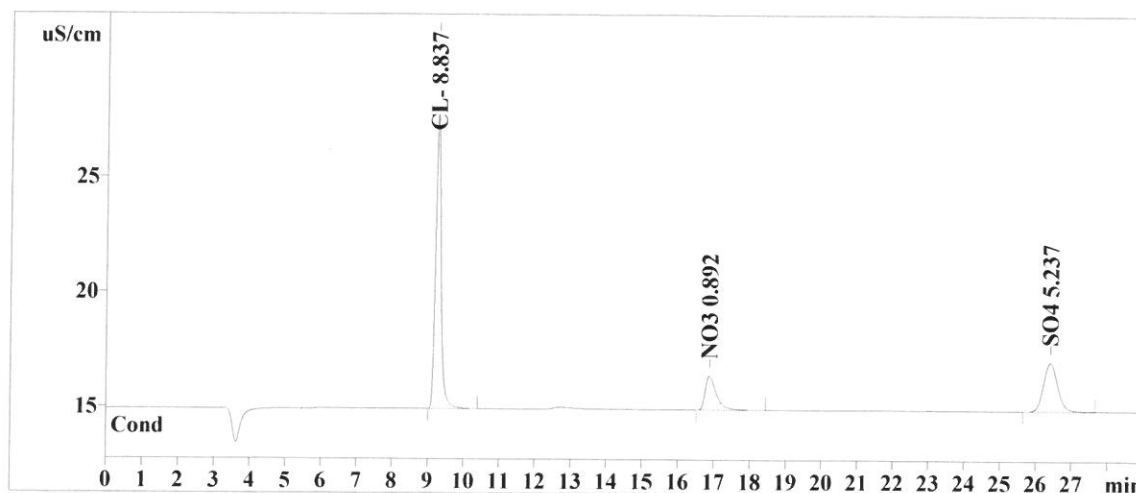
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 Analysis from: 6/5/2019 6:18:17 PM
 File: _2019-06-05_

Last save: 6/5/2019 6:47:06 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67094

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	0.00	0.00	0.000	0.00	0.
2	9.25	0.162	12.80	78.12	142.099	61.30	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	16.87	0.315	1.47	8.97	31.816	13.73	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.40	0.415	2.12	12.92	57.889	24.97	0.
7	29.00	0.127	16.39	100.01	231.803	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/6/2019 8:49:24 AM
Printed by: wet

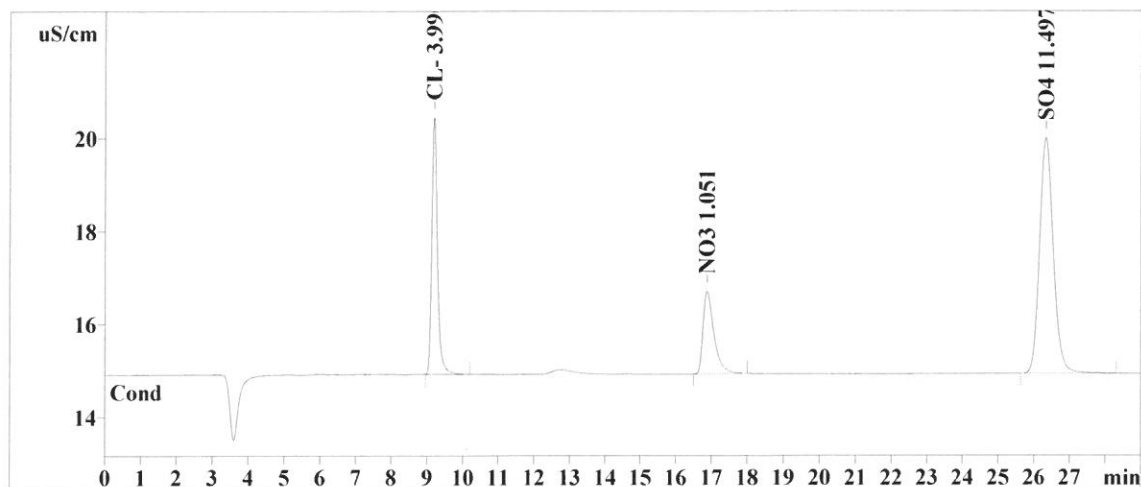
Ident: K3190-14
Analysis from: 6/5/2019 6:50:11 PM
File: _2019-06-05_

Last save: 6/5/2019 7:19:00 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67095

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.19	0.167	5.53	44.69	63.306	26.54	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	16.87	0.314	1.78	14.36	38.087	15.97	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.33	0.409	5.06	40.95	137.096	57.49	0.
7	29.00	0.127	12.37	99.99	238.488	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:49:46 AM
Printed by: wet

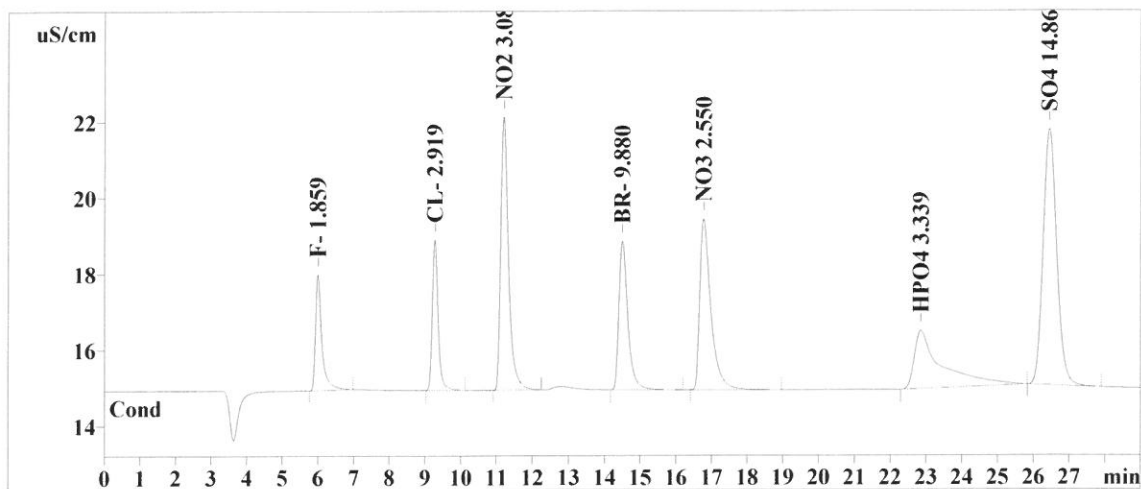
Ident: CCV
Analysis from: 6/5/2019 8:25:53 PM
File: _2019-06-05_

Last save: 6/5/2019 8:54:42 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67098

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

SAMPLE:
: AK/AP
Vial number: 100
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.99	0.159	3.05	9.88	36.789	5.97	0.
2	9.27	0.170	3.95	12.82	45.892	7.45	0.
3	11.20	0.214	7.18	23.28	106.299	17.26	0.
4	14.49	0.253	3.91	12.67	67.992	11.04	0.
5	16.77	0.311	4.48	14.54	97.142	15.77	0.
6	22.85	0.532	1.53	4.95	82.018	13.32	0.
7	26.44	0.405	6.74	21.85	179.727	29.18	0.
7	29.00	0.292	30.83	99.98	615.858	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:50:36 AM
Printed by: wet

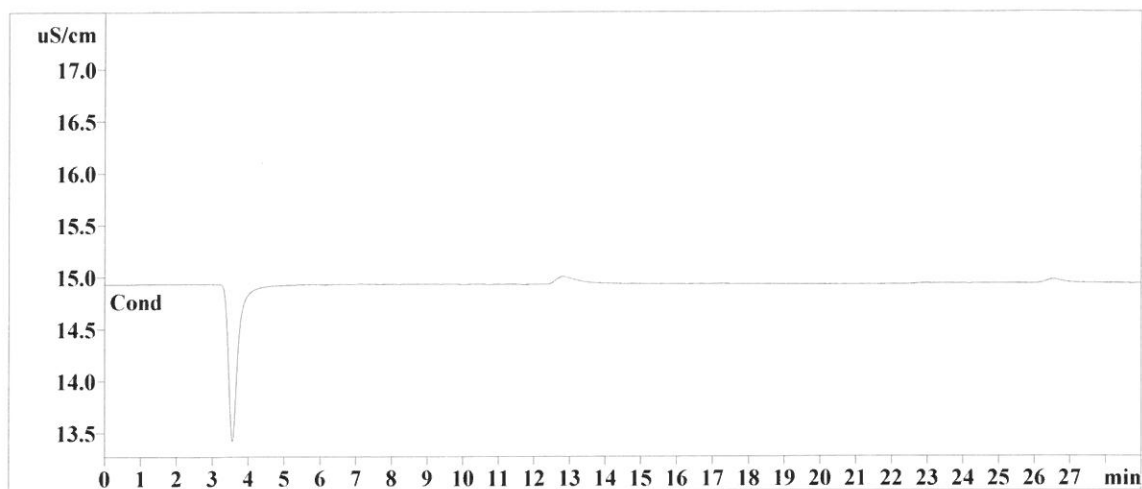
Ident: CCB
Analysis from: 6/5/2019 8:57:47 PM
File: _2019-06-05_

Last save: 6/6/2019 8:50:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67099

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: 6/6/2019 8:54:33 AM
Printed by: wet

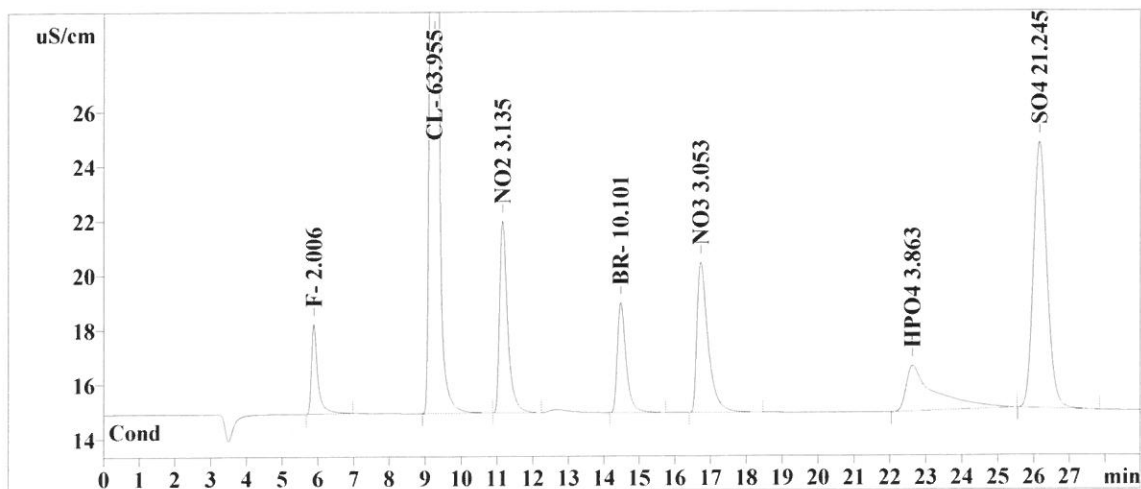
Ident: K3190-16MS
Analysis from: 6/6/2019 1:44:55 AM
File: _2019-06-06_

Last save: 6/6/2019 2:13:44 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67108

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	5.89	0.161	3.28	2.63	39.958	2.31	0.
2	9.25	0.166	93.62	74.97	1038.251	60.13	0.
3	11.16	0.221	7.02	5.62	108.225	6.27	0.
4	14.47	0.253	4.02	3.22	69.554	4.03	0.
5	16.72	0.306	5.49	4.40	116.987	6.78	0.
6	22.63	0.576	1.67	1.34	93.178	5.40	0.
7	26.16	0.405	9.76	7.81	260.415	15.08	0.
7	29.00	0.298	124.86	99.99	1726.568	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:54:56 AM
Printed by: wet

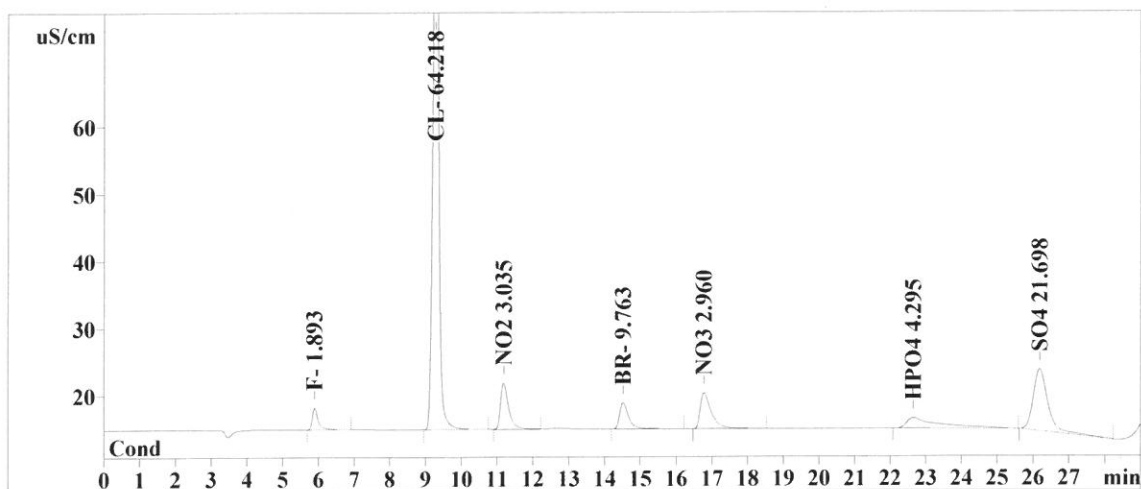
Ident: K3190-17MSD
Analysis from: 6/6/2019 2:16:49 AM
File: _2019-06-06_

Last save: 6/6/2019 2:45:38 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67109

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	5.89	0.156	3.21	2.58	37.523	2.16	0.
2	9.29	0.165	94.11	75.81	1042.523	60.13	0.
3	11.19	0.219	6.85	5.52	104.672	6.04	0.
4	14.52	0.252	3.87	3.12	67.170	3.87	0.
5	16.77	0.306	5.32	4.29	113.315	6.54	0.
6	22.65	0.747	1.58	1.28	102.379	5.91	0.
7	26.18	0.411	9.19	7.40	266.151	15.35	0.
7	29.00	0.322	124.13	100.00	1733.732	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:55:06 AM
Printed by: wet

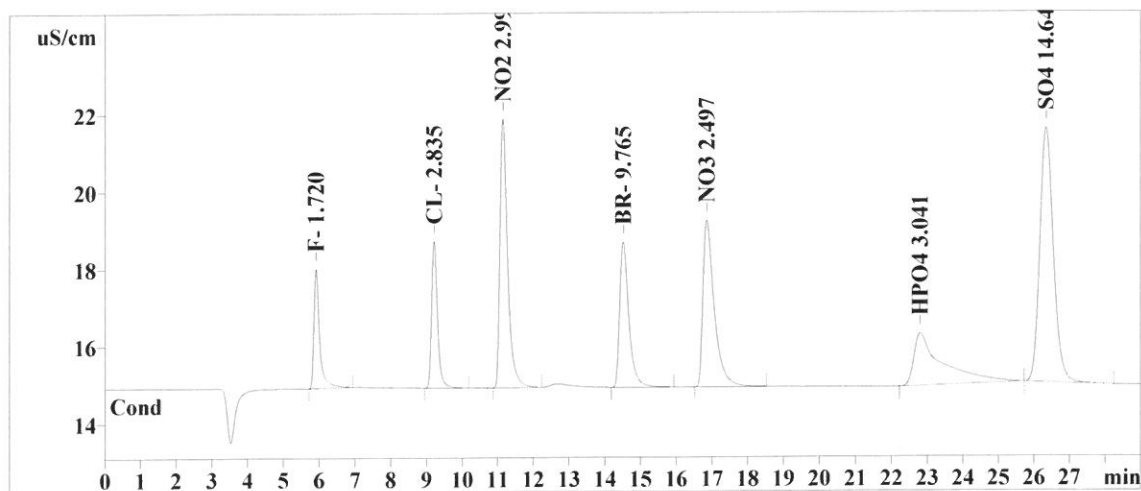
Ident: CCV
Analysis from: 6/6/2019 3:20:38 AM
File: _2019-06-06_

Last save: 6/6/2019 3:49:26 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67111

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

SAMPLE:
: AK/AP
Vial number: 110
Volume: 20.0 µL
Dilution: 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	0.145	3.08	10.33	33.766	5.66	0.
2	9.22	0.171	3.80	12.72	44.519	7.47	0.
3	11.16	0.214	6.96	23.30	103.056	17.29	0.
4	14.52	0.261	3.75	12.56	67.182	11.27	0.
5	16.86	0.317	4.32	14.46	95.048	15.94	0.
6	22.81	0.581	1.35	4.53	75.653	12.69	0.
7	26.35	0.407	6.60	22.09	176.955	29.68	0.
7	29.00	0.299	29.86	99.99	596.179	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/6/2019 8:57:05 AM
Printed by: wet

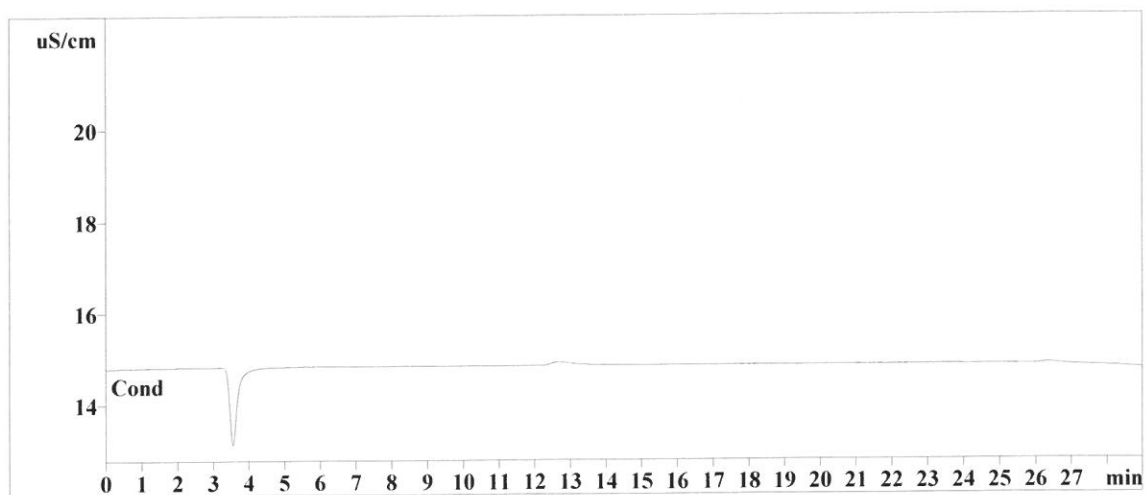
Ident: CCB
Analysis from: 6/6/2019 4:24:26 AM
File: _2019-06-06_

Last save: 6/6/2019 8:57:04 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67113

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: 6/7/2019 8:21:04 AM
Printed by: wet

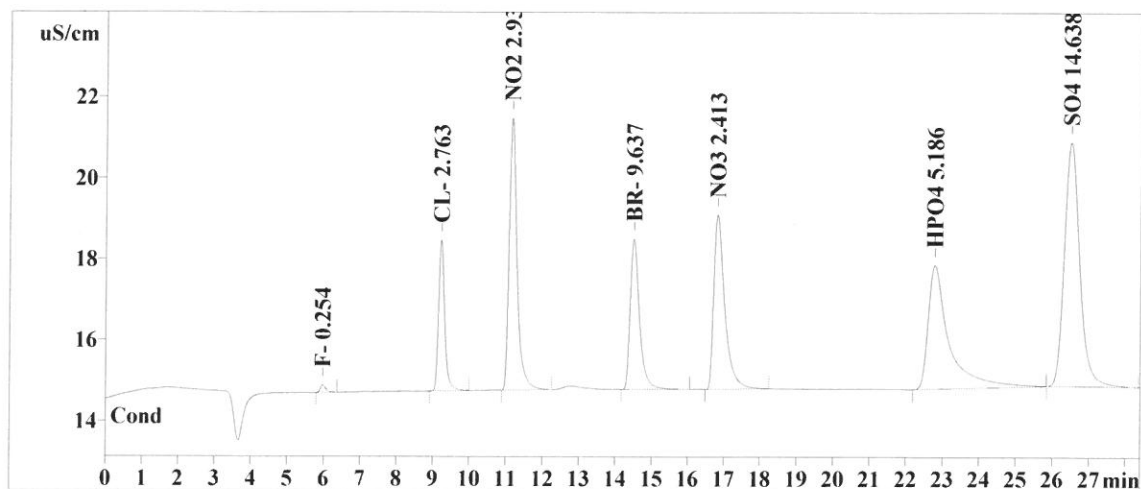
Ident: CCV
Analysis from: 6/6/2019 1:32:22 PM
File: _2019-06-06_

Last save: 6/6/2019 2:00:36 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67130

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	5.97	0.155	0.19	0.68	1.988	0.33	0.
2	9.22	0.170	3.72	13.43	43.345	7.19	0.
3	11.15	0.217	6.71	24.22	100.928	16.75	0.
4	14.50	0.259	3.71	13.39	66.281	11.00	0.
5	16.81	0.308	4.30	15.53	91.770	15.23	0.
6	22.78	0.481	3.05	11.02	121.367	20.14	0.
7	26.49	0.434	6.02	21.72	176.832	29.35	0.
7	28.41	0.289	27.70	99.99	602.511	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:21:14 AM
Printed by: wet

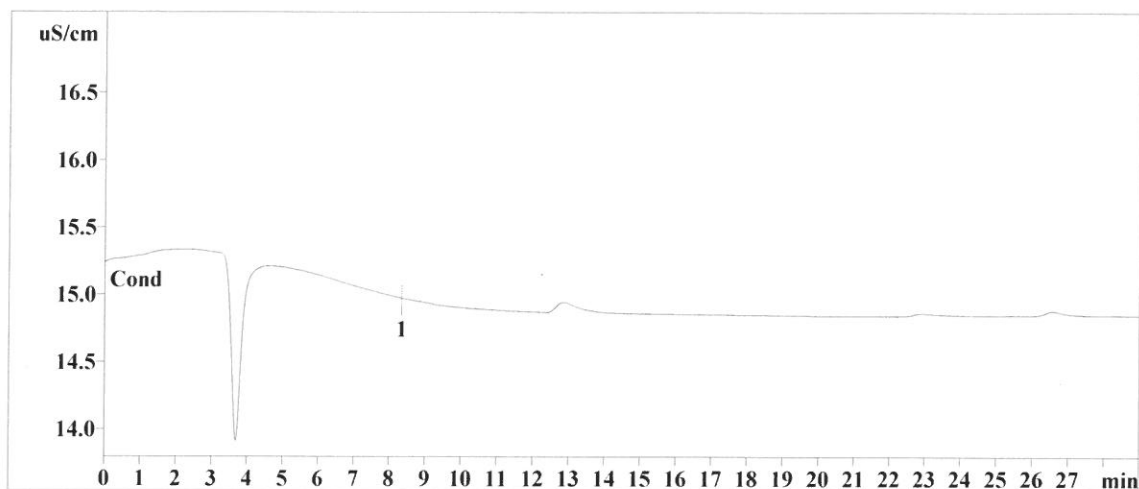
Ident: CCB
Analysis from: 6/6/2019 2:04:27 PM
File: _2019-06-06_

Last save: 6/6/2019 2:33:16 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67131

Last save: 5/30/2019 2:14:16 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	29.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:21:29 AM
Printed by: wet

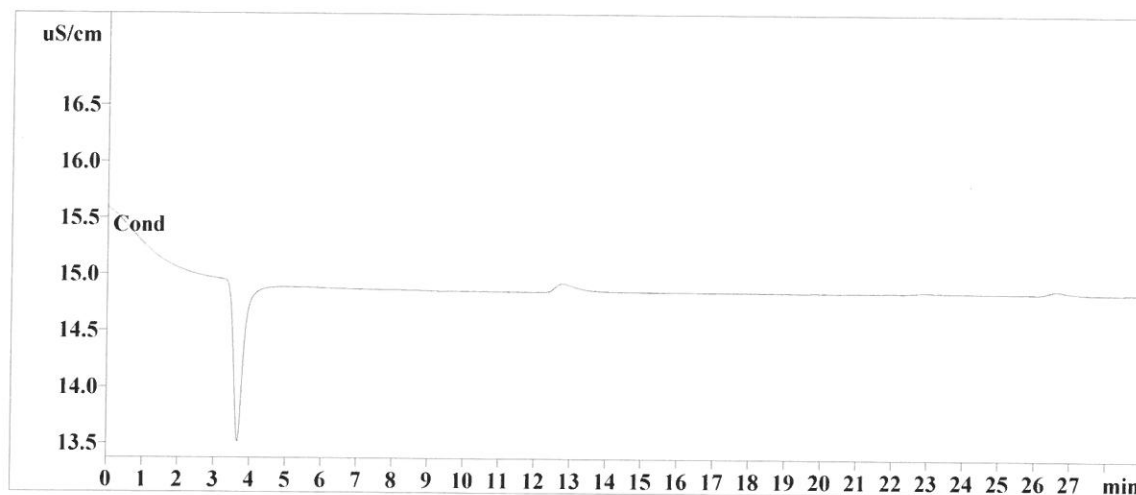
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Analysis from: 6/6/2019 2:36:21 PM
File: _2019-06-06_

Last save: 6/7/2019 8:21:28 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67132

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

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: 6/7/2019 8:21:37 AM
Printed by: wet

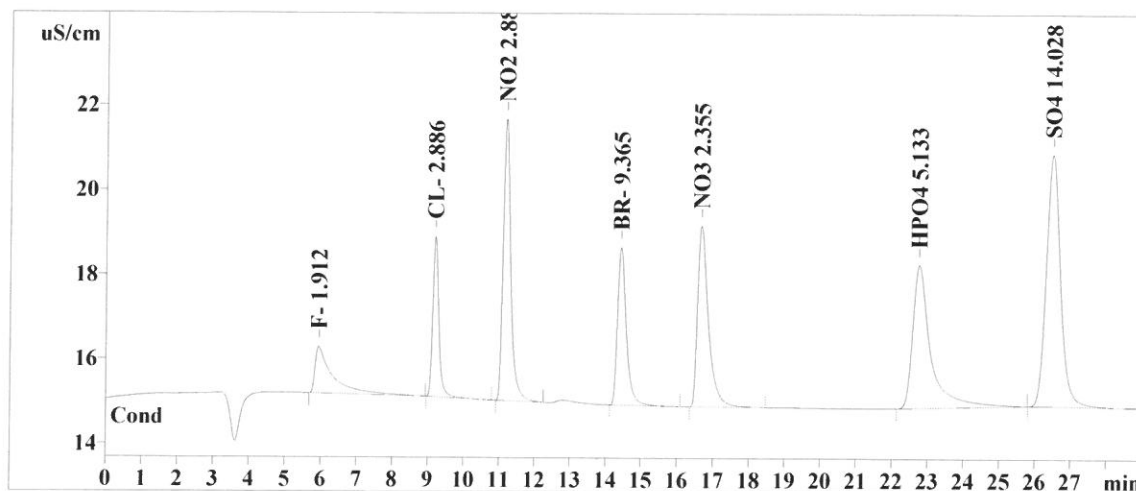
Ident: LB103202BSW2
Analysis from: 6/6/2019 3:47:04 PM
File: _2019-06-06_

Last save: 6/7/2019 8:20:52 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67134

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	5.93	0.394	1.10	3.81	37.936	6.06	0.
2	9.20	0.173	3.79	13.13	45.345	7.25	0.
3	11.17	0.217	6.65	23.04	99.367	15.88	0.
4	14.42	0.252	3.73	12.90	64.363	10.28	0.
5	16.66	0.301	4.28	14.81	89.460	14.29	0.
6	22.75	0.450	3.38	11.70	120.229	19.21	0.
7	26.48	0.424	5.95	20.61	169.118	27.02	0.
7	29.00	0.316	28.88	100.00	625.818	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:22:40 AM
Printed by: wet

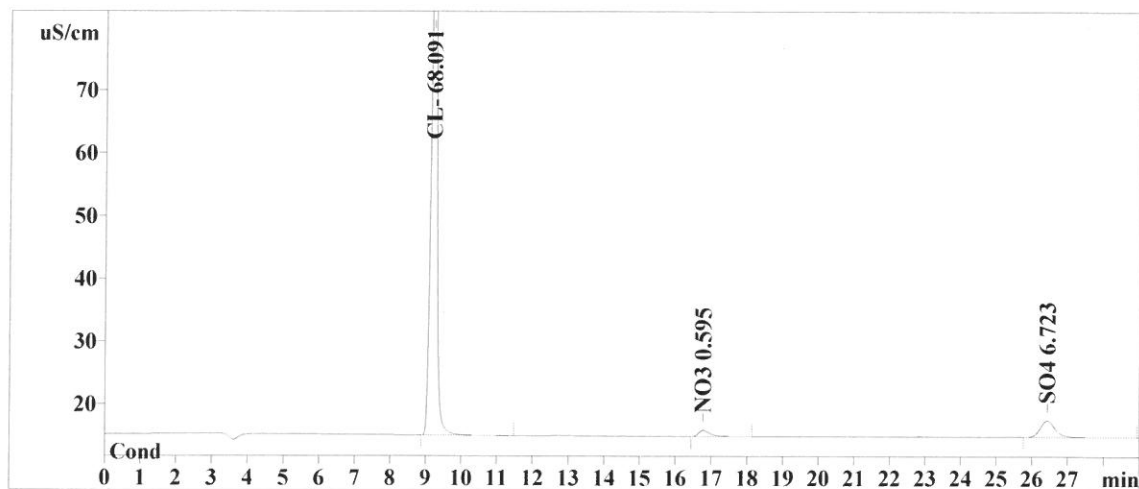
Ident: K3190-15DUP
Analysis from: 6/6/2019 4:19:10 PM
File: _2019-06-06_

Last save: 6/7/2019 8:22:40 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67135

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.21	0.165	100.37	96.57	1105.492	91.95	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	0.306	0.95	0.92	20.105	1.67	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.43	0.435	2.60	2.51	76.691	6.38	0.
7	29.00	0.129	103.93	99.99	1202.288	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:24:35 AM
Printed by: wet

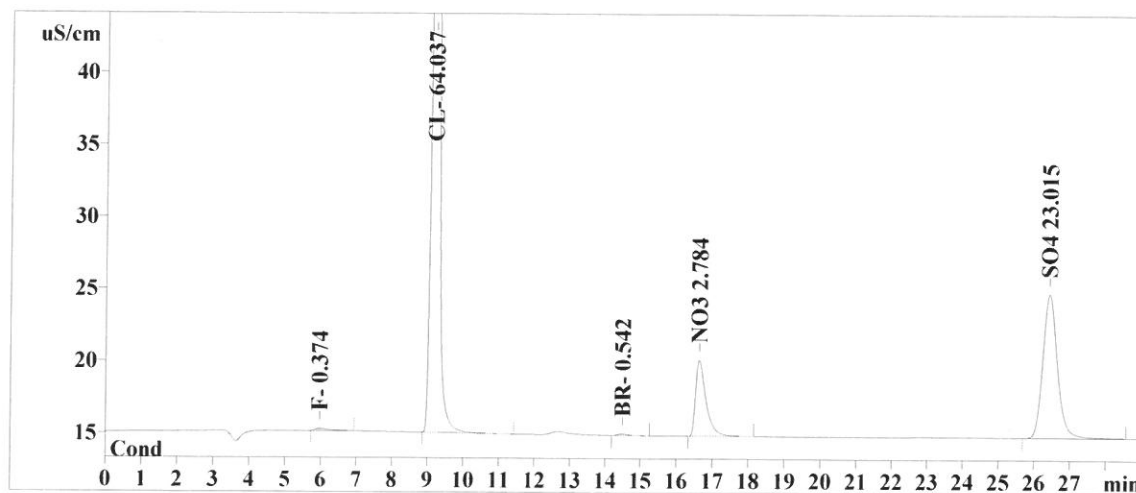
Ident: K3221-06
Analysis from: 6/6/2019 4:51:04 PM
File: _2019-06-06_

Last save: 6/6/2019 5:19:52 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67136

Last save: 5/30/2019 2:14:16 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	5.97	0.447	0.16	0.15	4.604	0.32	0.
2	9.18	0.173	88.76	85.19	1039.572	72.42	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.48	0.298	0.10	0.10	2.099	0.15	0.
5	16.63	0.293	5.25	5.04	106.385	7.41	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.41	0.424	9.93	9.53	282.817	19.70	0.
7	29.00	0.234	104.20	100.01	1435.476	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:24:54 AM
Printed by: wet

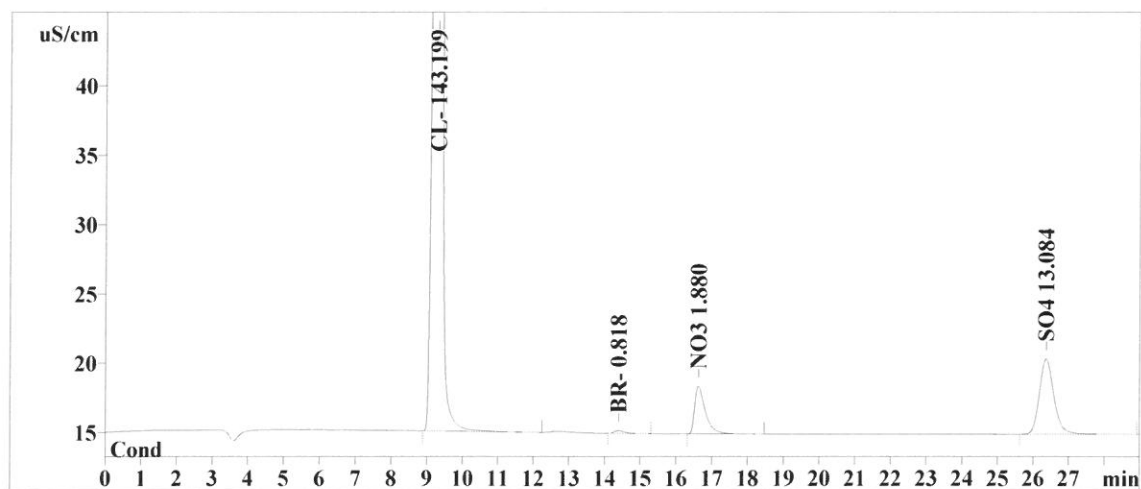
Ident: K3221-07
Analysis from: 6/6/2019 5:22:59 PM
File: _2019-06-06_

Last save: 6/6/2019 5:51:48 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67137

Last save: 5/30/2019 2:14:16 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	9.31	0.198	182.17	95.25	2326.639	90.93	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.40	0.306	0.20	0.10	4.045	0.16	0.
5	16.63	0.299	3.42	1.79	70.737	2.76	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.36	0.430	5.43	2.84	157.170	6.14	0.
7	29.00	0.176	191.21	99.98	2558.591	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:25:29 AM
Printed by: wet

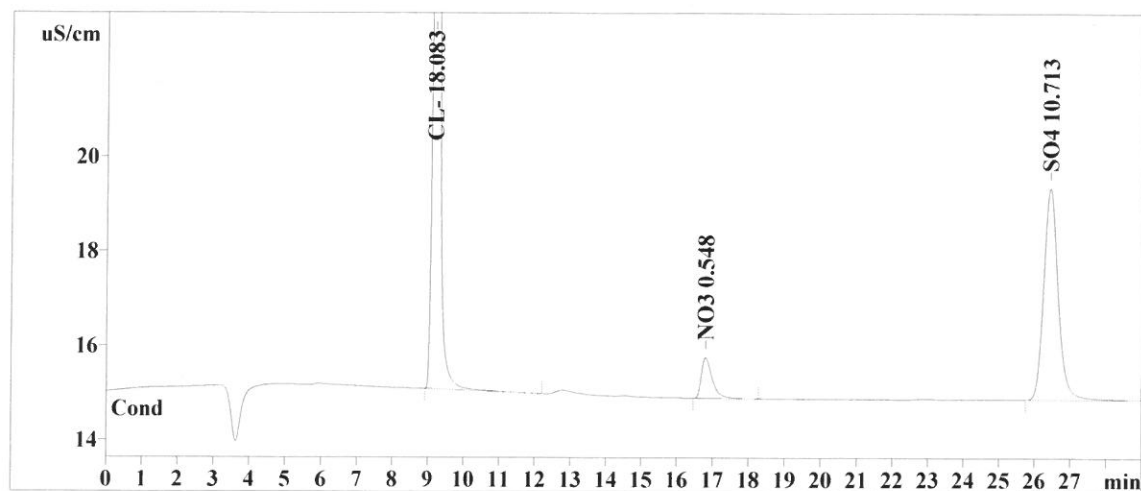
Ident: K3221-08
Analysis from: 6/6/2019 5:54:53 PM
File: _2019-06-06_

Last save: 6/6/2019 6:23:42 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67138

Last save: 5/30/2019 2:14:16 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	9.19	0.162	26.20	83.08	292.436	66.79	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	16.80	0.307	0.86	2.74	18.238	4.17	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.42	0.421	4.47	14.18	127.177	29.05	0.
7	29.00	0.127	31.54	100.00	437.851	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:25:55 AM
Printed by: wet

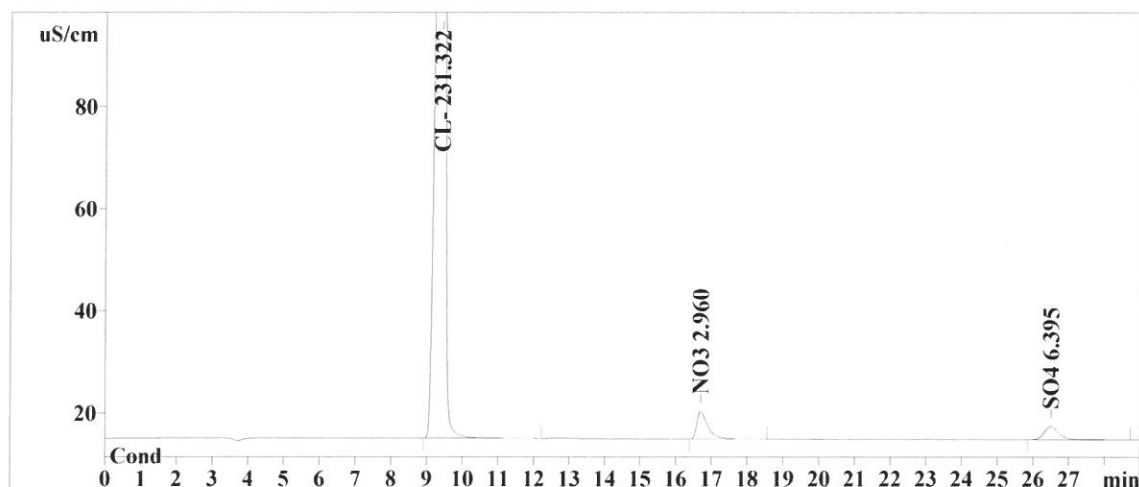
Ident: K3221-04
Analysis from: 6/6/2019 6:26:47 PM
File: _2019-06-06_

Last save: 6/6/2019 6:55:36 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67139

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.41	0.242	247.59	96.86	3759.386	95.29	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	16.70	0.302	5.39	2.11	113.311	2.87	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.50	0.423	2.54	0.99	72.548	1.84	0.
7	29.00	0.138	255.52	99.96	3945.245	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:26:29 AM
Printed by: wet

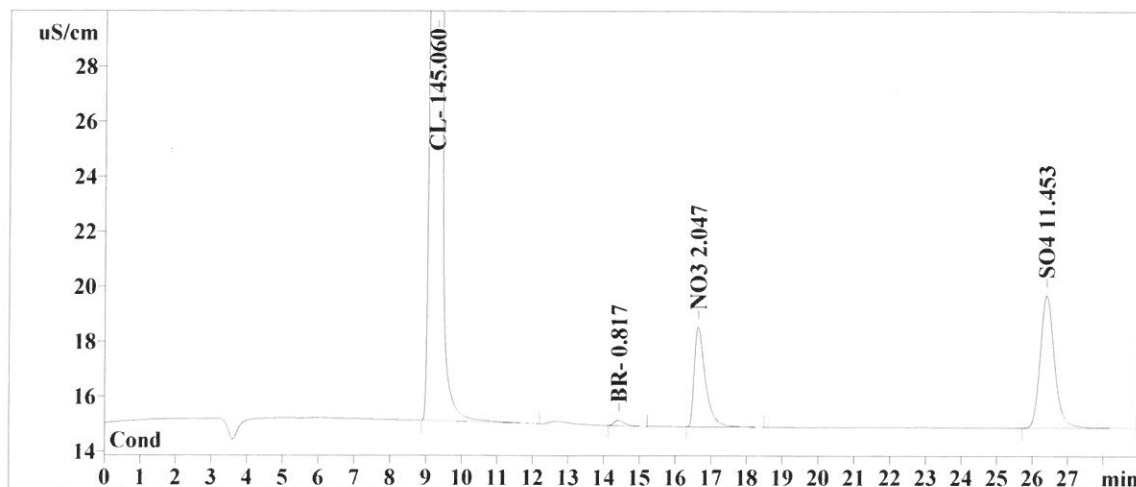
Ident: K3221-11
Analysis from: 6/6/2019 6:58:41 PM
File: _2019-06-06_

Last save: 6/6/2019 7:27:30 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67140

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.29	0.199	183.75	95.50	2356.903	91.54	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.42	0.305	0.20	0.10	4.043	0.16	0.
5	16.63	0.308	3.62	1.88	77.321	3.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.39	0.420	4.81	2.50	136.536	5.30	0.
7	29.00	0.176	192.38	99.99	2574.803	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:27:53 AM
Printed by: wet

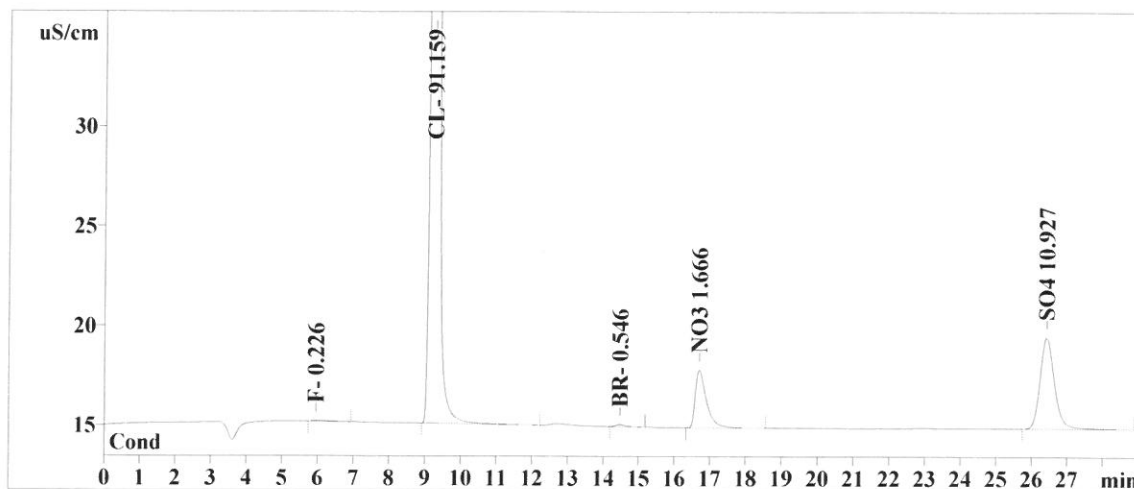
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Analysis from: 6/6/2019 7:30:35 PM
File: _2019-06-06_

Last save: 6/6/2019 7:59:24 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67141

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	5.95	0.429	0.05	0.03	1.396	0.08	0.
2	9.26	0.174	128.75	94.41	1480.539	88.32	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.47	0.308	0.10	0.08	2.130	0.13	0.
5	16.70	0.311	2.89	2.12	62.325	3.72	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.42	0.421	4.58	3.36	129.884	7.75	0.
7	29.00	0.235	136.37	99.99	1676.273	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:28:12 AM
Printed by: wet

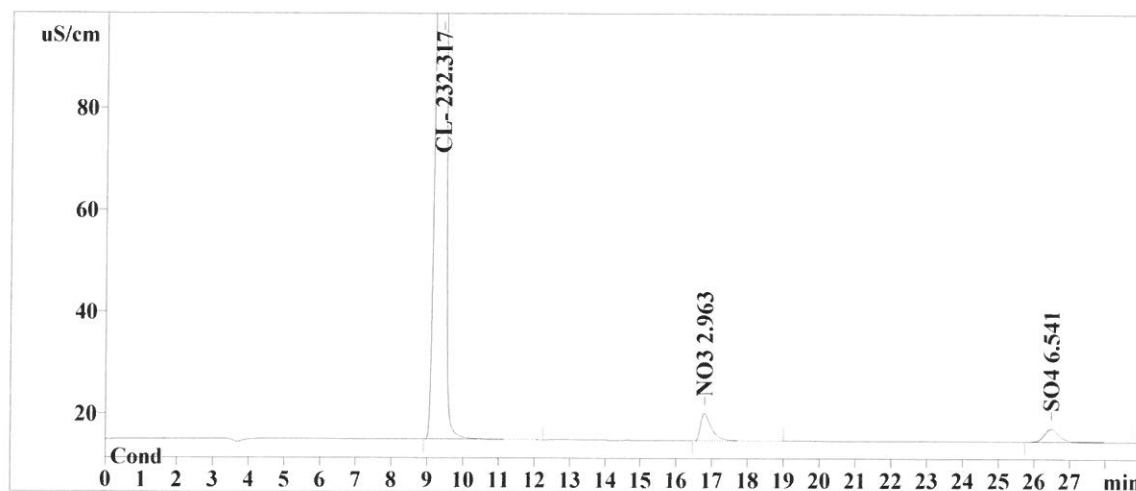
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Analysis from: 6/6/2019 8:02:29 PM
File: _2019-06-06_

Last save: 6/6/2019 8:31:18 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67142

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.41	0.243	248.19	96.93	3775.573	95.26	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	16.79	0.308	5.30	2.07	113.444	2.86	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.48	0.434	2.53	0.99	74.396	1.88	0.
7	29.00	0.141	256.02	99.99	3963.413	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:28:19 AM
Printed by: wet

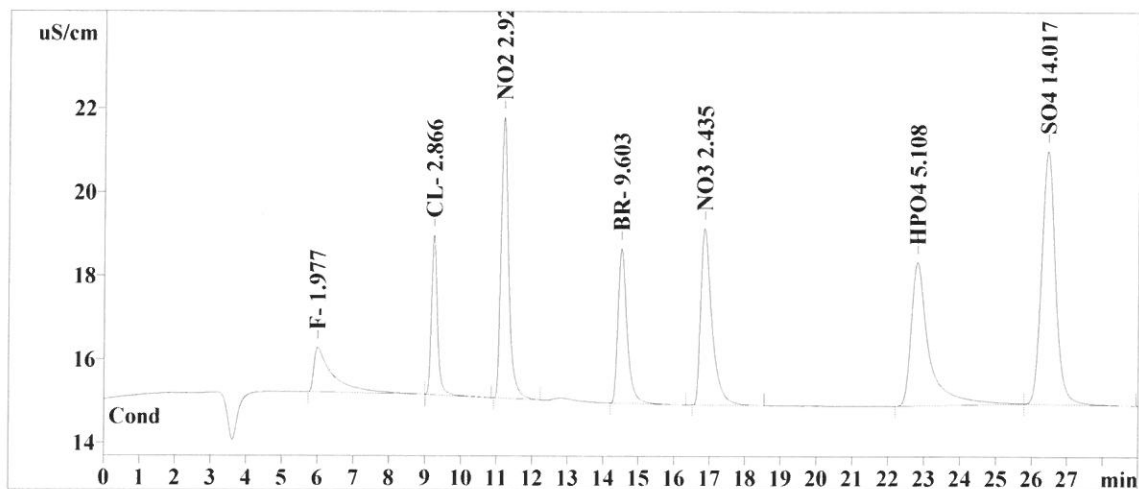
Ident: CCV
Analysis from: 6/6/2019 8:34:23 PM
File: _2019-06-06_

Last save: 6/6/2019 9:03:12 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67143

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	6.00	0.439	1.06	3.66	39.333	6.22	0.
2	9.24	0.171	3.82	13.17	45.022	7.12	0.
3	11.19	0.219	6.71	23.16	100.811	15.94	0.
4	14.50	0.261	3.69	12.75	66.042	10.44	0.
5	16.84	0.316	4.22	14.58	92.630	14.64	0.
6	22.81	0.441	3.43	11.83	119.704	18.93	0.
7	26.43	0.418	6.05	20.86	168.969	26.71	0.
7	29.00	0.323	28.98	100.00	632.509	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:28:34 AM
Printed by: wet

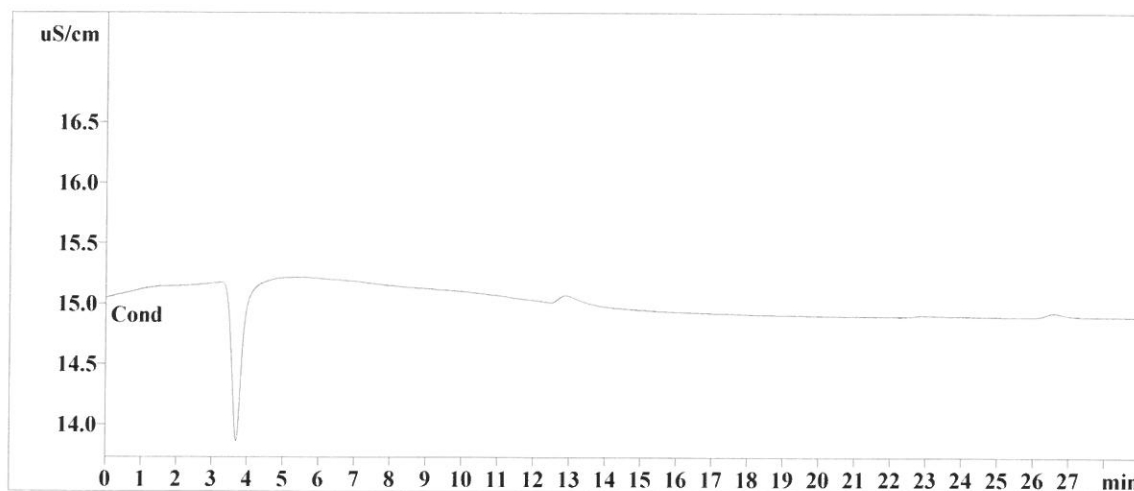
Ident: CCB
Analysis from: 6/6/2019 9:06:17 PM
File: _2019-06-06_

Last save: 6/7/2019 8:28:34 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67144

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: 6/7/2019 8:28:52 AM
 Printed by: wet

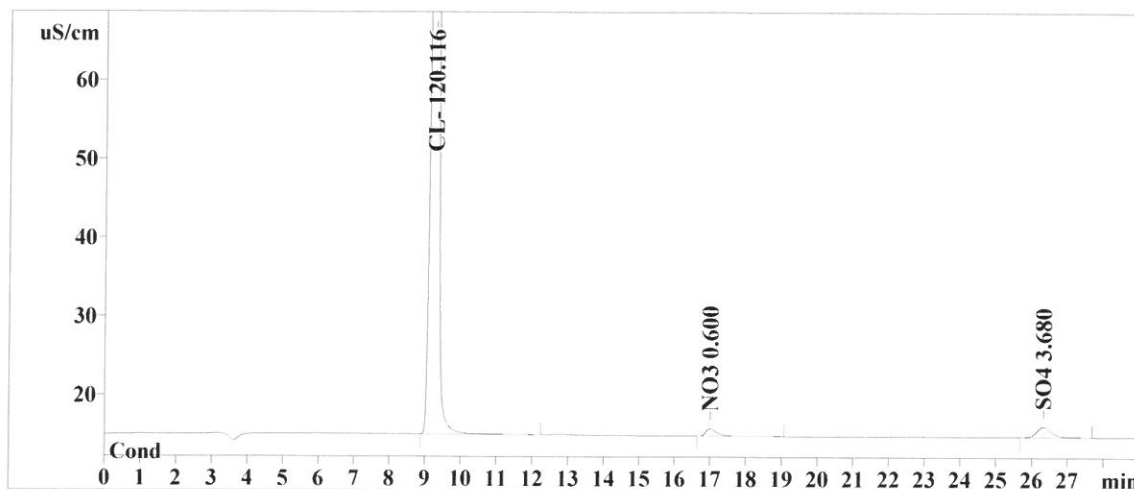
Ident: K3221-13
 Analysis from: 6/6/2019 9:38:12 PM
 File: _2019-06-06_

Last save: 6/6/2019 10:07:00 PM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67145

Last save: 5/30/2019 2:14:16 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	9.27	0.186	160.31	98.60	1951.340	97.09	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	17.00	0.315	0.93	0.57	20.296	1.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.33	0.436	1.31	0.81	38.194	1.90	0.
7	29.00	0.134	162.56	99.98	2009.830	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/7/2019 8:29:13 AM
Printed by: wet

Ident: K3221-14
Analysis from: 6/6/2019 10:10:06 PM
File: _2019-06-06_

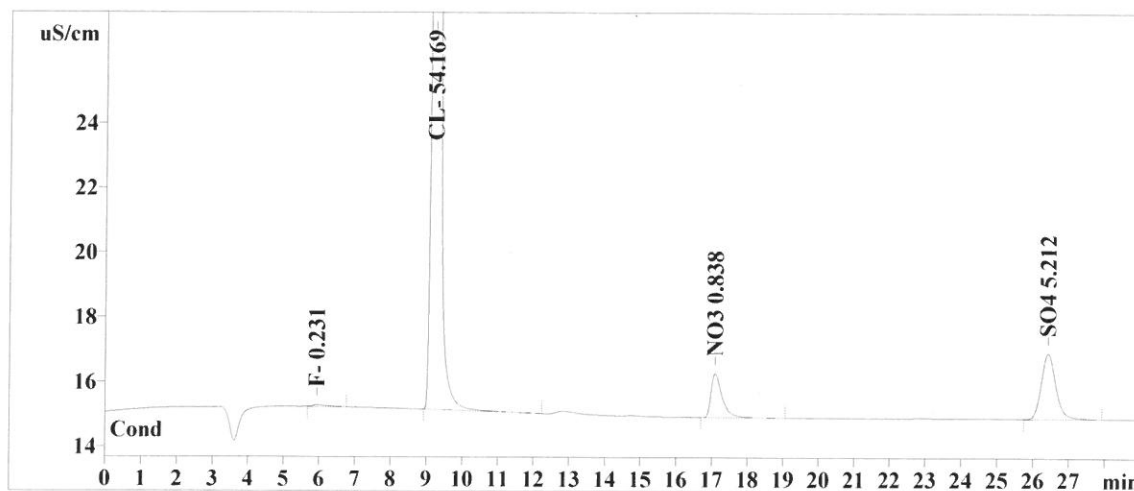
Last save: 6/6/2019 10:38:54 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67146

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

SAMPLE:

: AK/AP
Vial number: 44
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	5.93	0.415	0.05	0.07	1.504	0.16	0.
2	9.23	0.165	78.78	95.82	879.135	90.83	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	17.09	0.315	1.36	1.65	29.682	3.07	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.41	0.425	2.02	2.46	57.576	5.95	0.
7	29.00	0.189	82.22	99.99	967.897	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:30:31 AM
Printed by: wet

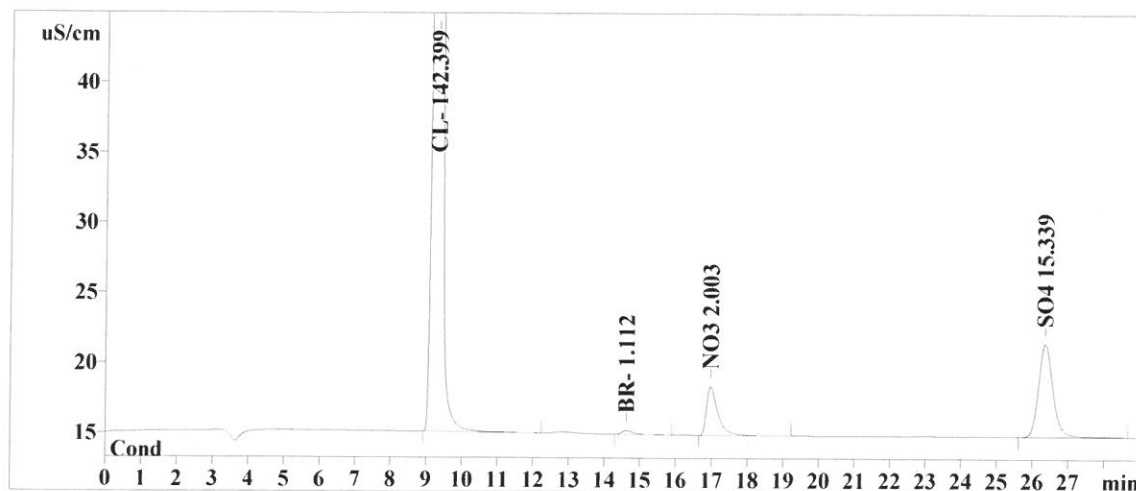
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Analysis from: 6/6/2019 10:42:00 PM
File: _2019-06-06_

Last save: 6/6/2019 11:10:48 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67147

Last save: 5/30/2019 2:14:16 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	9.32	0.198	180.19	94.55	2313.640	89.64	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.63	0.324	0.28	0.14	6.120	0.24	0.
5	16.96	0.312	3.48	1.82	75.589	2.93	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.35	0.418	6.61	3.47	185.704	7.19	0.
7	29.00	0.179	190.55	99.98	2581.054	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:30:55 AM
Printed by: wet

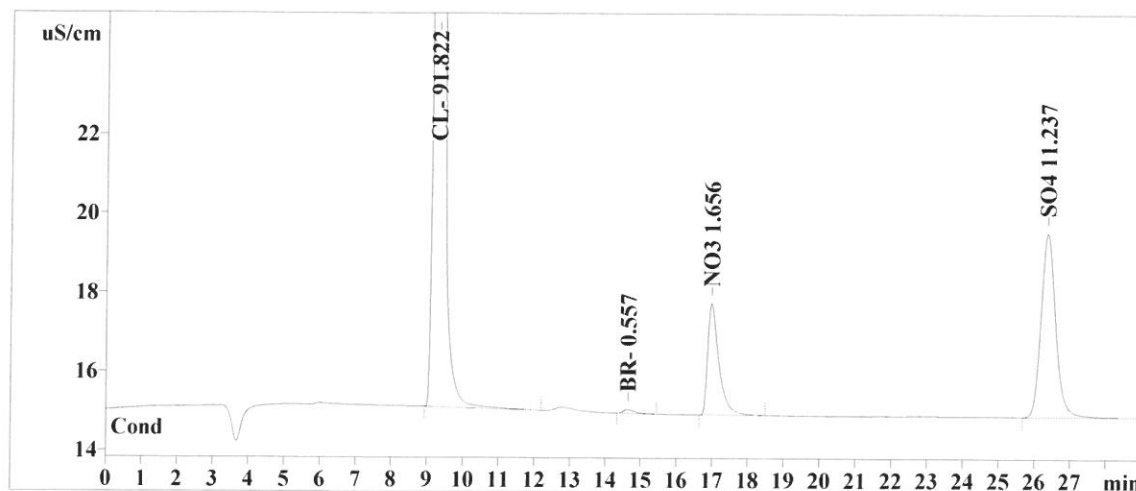
Ident: K3221-16DUP
Analysis from: 6/6/2019 11:13:54 PM
File: _2019-06-06_

Last save: 6/6/2019 11:42:42 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67148

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.30	0.173	129.55	94.50	1491.319	88.28	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.64	0.338	0.10	0.07	2.210	0.13	0.
5	16.97	0.317	2.80	2.05	61.914	3.67	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.36	0.430	4.64	3.38	133.804	7.92	0.
7	29.00	0.180	137.09	99.99	1689.247	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:31:35 AM
Printed by: wet

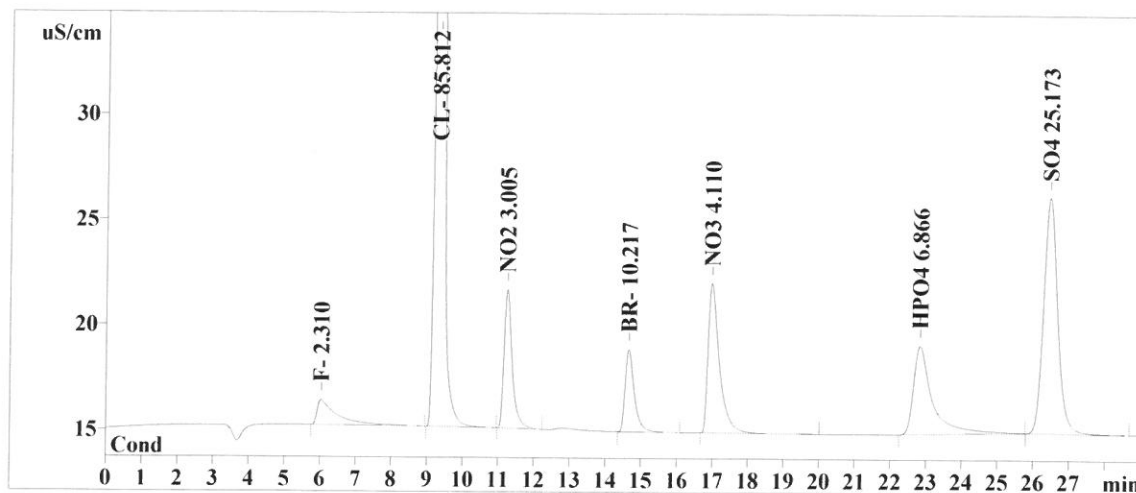
Ident: K3221-16MS
Analysis from: 6/6/2019 11:45:48 PM
File: _2019-06-06_

Last save: 6/7/2019 12:14:38 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67149

Last save: 5/30/2019 2:14:16 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	6.03	0.474	1.19	0.76	46.553	2.08	0.
2	9.32	0.172	121.91	78.13	1393.604	62.21	0.
3	11.24	0.227	6.57	4.21	103.599	4.62	0.
4	14.65	0.263	3.89	2.50	70.371	3.14	0.
5	16.96	0.317	7.10	4.55	158.618	7.08	0.
6	22.82	0.465	4.19	2.69	157.164	7.02	0.
7	26.45	0.416	11.19	7.17	310.112	13.84	0.
7	29.00	0.333	156.05	100.00	2240.020	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:31:43 AM
Printed by: wet

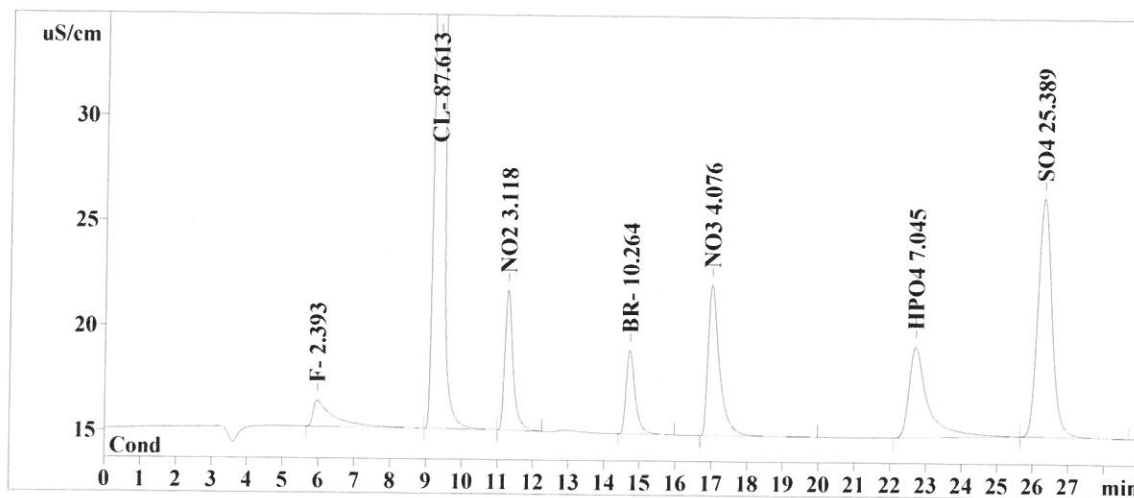
Ident: K3221-16MSD
Analysis from: 6/7/2019 12:17:43 AM
File: _2019-06-07_

Last save: 6/7/2019 12:46:32 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67150

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

SAMPLE:
: AK/AP
Vial number: 49
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	5.96	0.470	1.24	0.79	48.358	2.12	0.
2	9.31	0.176	122.05	77.87	1422.892	62.39	0.
3	11.28	0.233	6.66	4.25	107.639	4.72	0.
4	14.71	0.260	3.96	2.53	70.702	3.10	0.
5	16.98	0.312	7.17	4.57	157.316	6.90	0.
6	22.69	0.462	4.32	2.75	160.970	7.06	0.
7	26.29	0.415	11.34	7.23	312.851	13.72	0.
7	29.00	0.332	156.73	100.00	2280.729	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:34:04 AM
Printed by: wet

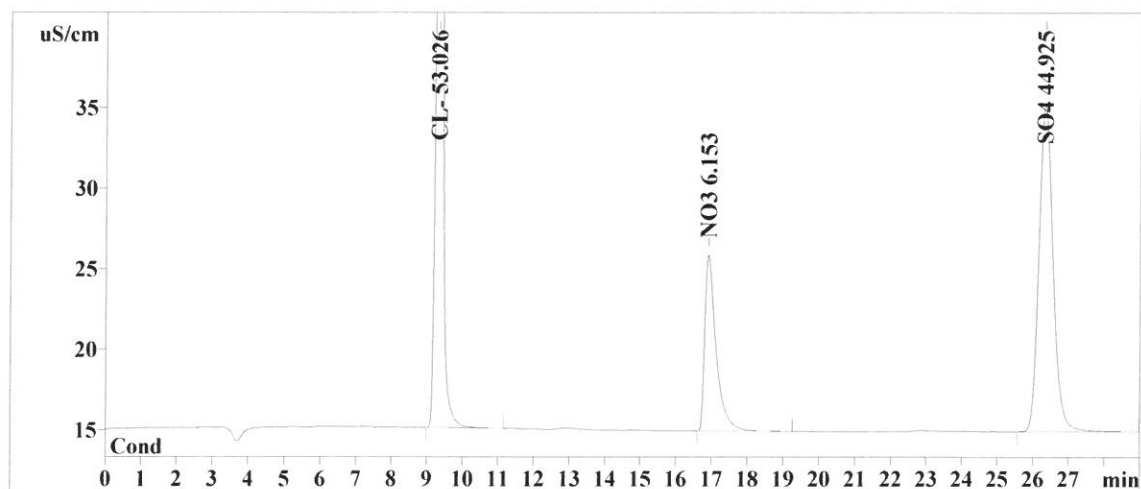
Ident: K3190-10RE
Analysis from: 6/7/2019 12:49:37 AM
File: _2019-06-07_

Last save: 6/7/2019 8:34:04 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67151

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	9.33	0.163	77.83	71.41	860.550	51.85	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.90	0.310	10.89	10.00	239.140	14.41	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.32	0.415	20.27	18.60	560.006	33.74	0.
7	29.00	0.127	109.00	100.01	1659.695	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:34:29 AM
Printed by: wet

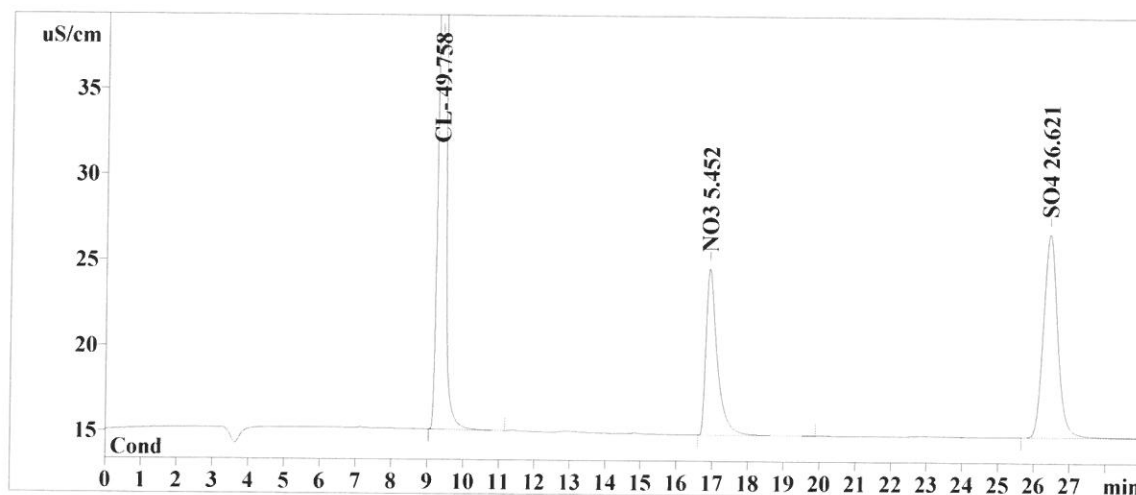
Ident: K3190-02RE
Analysis from: 6/7/2019 1:21:31 AM
File: _2019-06-07_

Last save: 6/7/2019 8:34:30 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67152

Last save: 5/30/2019 2:14:16 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.35	0.163	73.23	77.28	807.426	59.93	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.90	0.309	9.69	10.22	211.520	15.70	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.42	0.415	11.84	12.49	328.432	24.38	0.
7	29.00	0.127	94.76	100.00	1347.378	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:34:43 AM
Printed by: wet

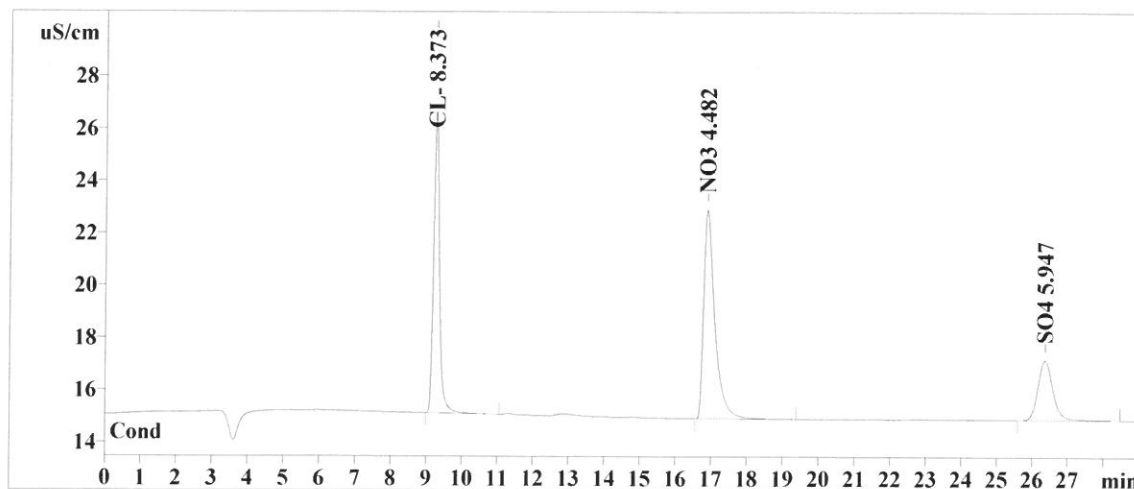
Ident: K3190-04RE
Analysis from: 6/7/2019 1:53:26 AM
File: _2019-06-07_

Last save: 6/7/2019 2:22:14 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67153

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	0.00	0.00	0.000	0.00	0.
2	9.25	0.170	11.49	52.85	134.564	35.91	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	16.88	0.309	7.96	36.63	173.278	46.24	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.35	0.435	2.29	10.52	66.869	17.85	0.
7	29.00	0.131	21.74	100.00	374.711	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:34:53 AM
Printed by: wet

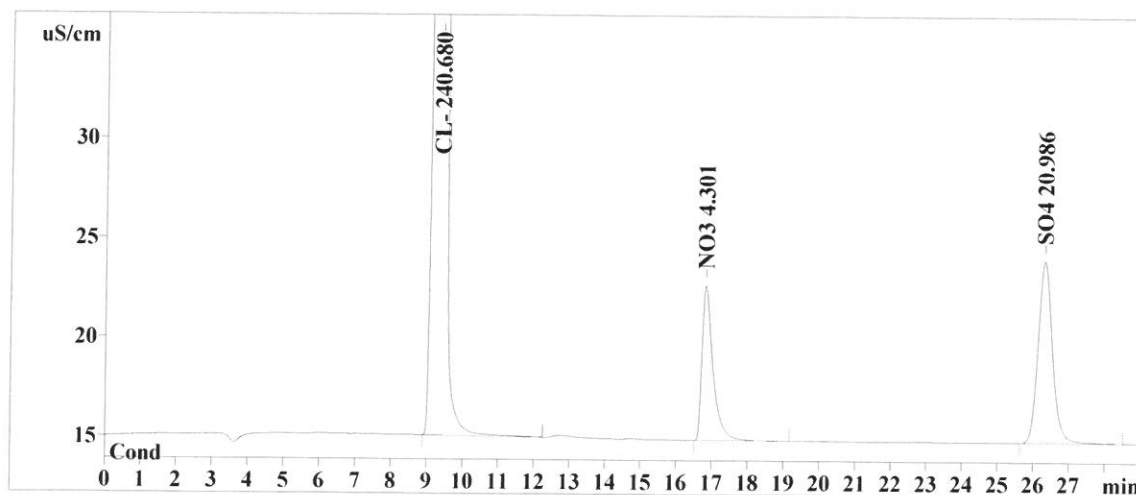
Ident: K3190-07RE
Analysis from: 6/7/2019 2:25:20 AM
File: _2019-06-07_

Last save: 6/7/2019 2:54:08 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67154

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	9.39	0.246	254.28	93.76	3911.537	90.23	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.81	0.305	7.74	2.85	166.171	3.83	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.30	0.423	9.11	3.36	257.149	5.93	0.
7	29.00	0.139	271.13	99.97	4334.858	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:35:01 AM
Printed by: wet

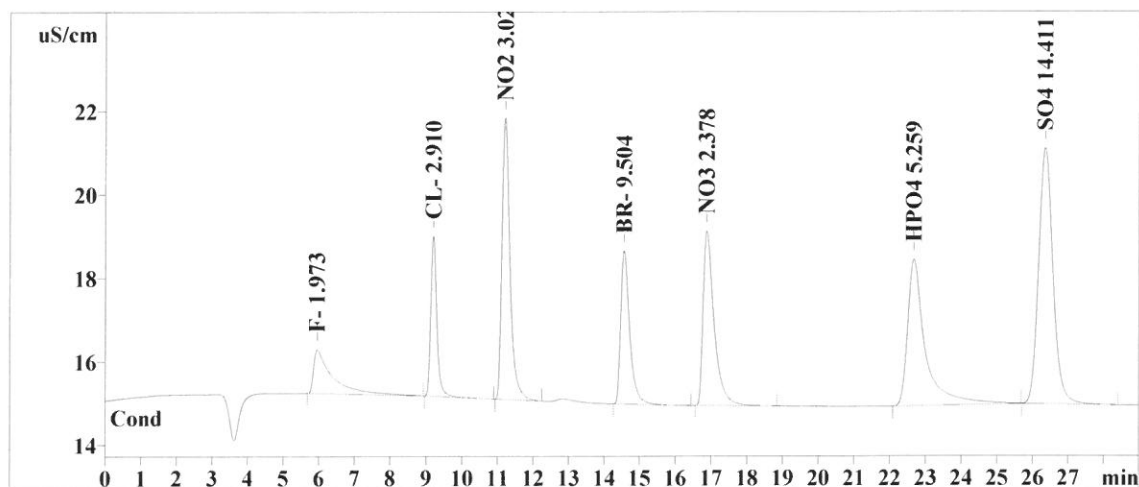
Ident: CCV
Analysis from: 6/7/2019 2:57:14 AM
File: _2019-06-07_

Last save: 6/7/2019 3:26:02 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67155

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	0.445	1.05	3.60	39.260	6.12	0.
2	9.20	0.174	3.82	13.13	45.743	7.13	0.
3	11.20	0.225	6.75	23.18	104.328	16.25	0.
4	14.57	0.258	3.67	12.61	65.345	10.18	0.
5	16.87	0.310	4.18	14.37	90.369	14.08	0.
6	22.67	0.443	3.51	12.05	122.912	19.15	0.
7	26.34	0.427	6.13	21.06	173.956	27.10	0.
7	29.00	0.326	29.11	99.99	641.913	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:35:17 AM
Printed by: wet

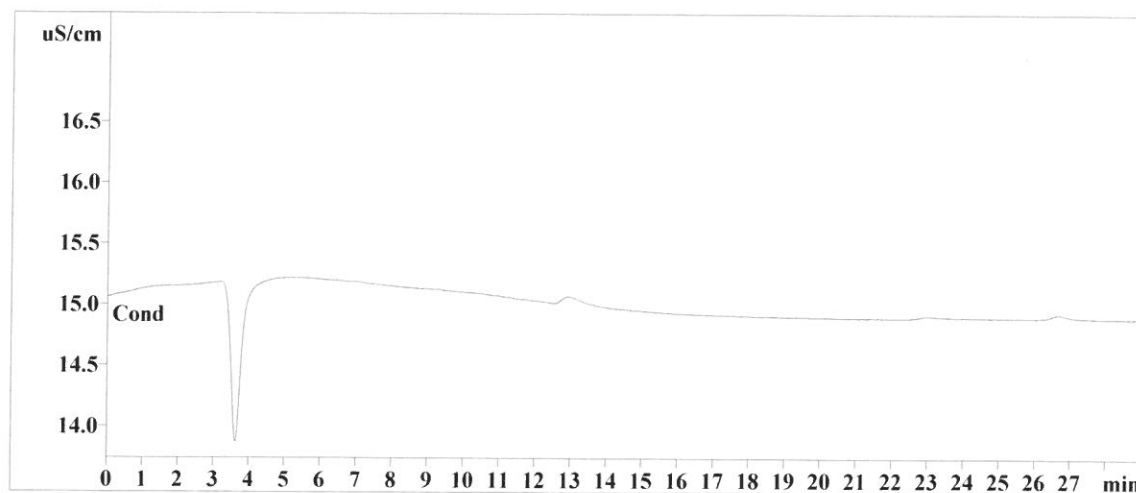
Ident: CCB
Analysis from: 6/7/2019 3:29:08 AM
File: _2019-06-07_

Last save: 6/7/2019 8:35:16 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67156

Last save: 5/30/2019 2:14:16 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: 6/7/2019 8:36:29 AM
Printed by: wet

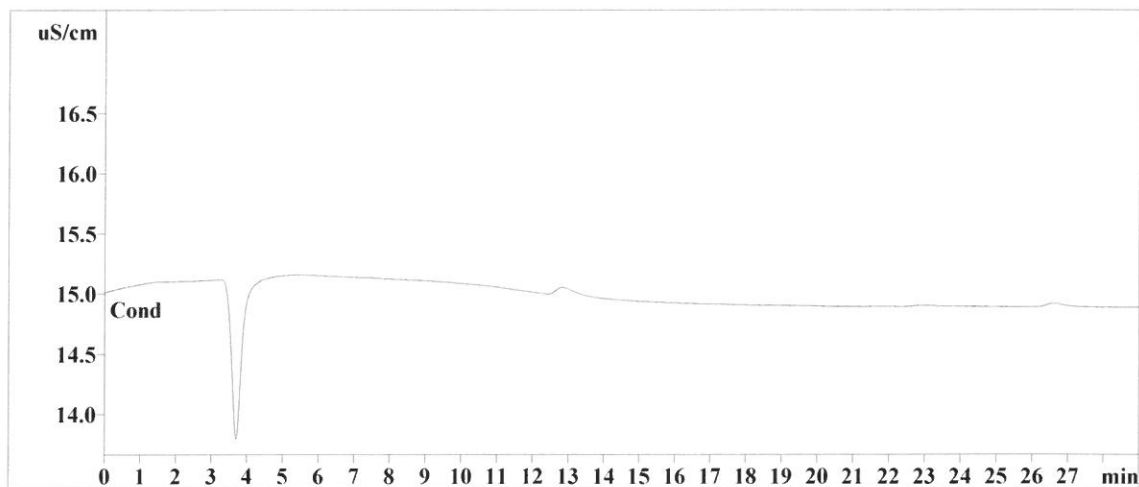
Ident: LB103202BLW3
Analysis from: 6/7/2019 4:01:02 AM
File: _2019-06-07_

Last save: 6/7/2019 8:36:28 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67157

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: 6/7/2019 8:36:36 AM
Printed by: wet

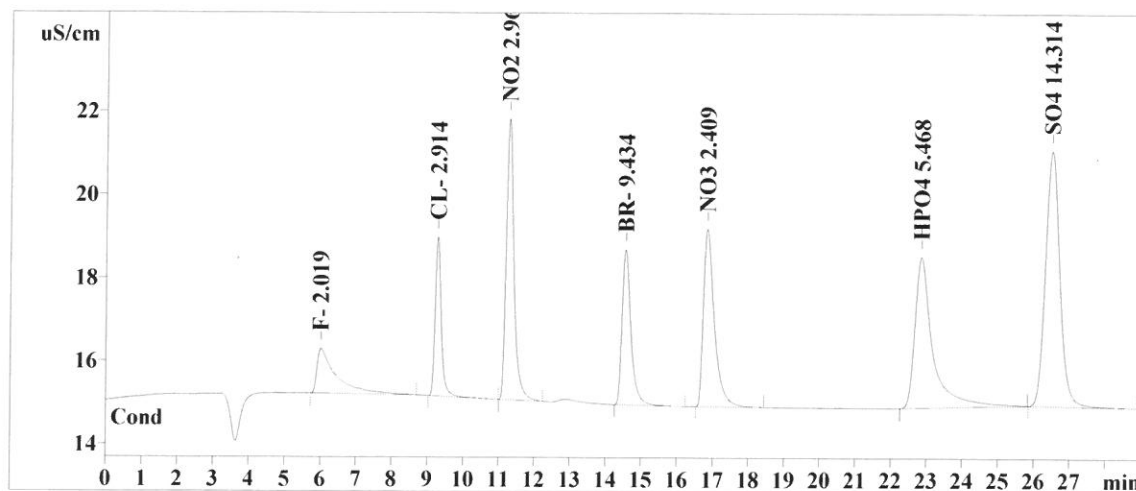
Ident: LB103202BSW3
Analysis from: 6/7/2019 4:32:56 AM
File: _2019-06-07_

Last save: 6/7/2019 8:36:14 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67158

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	6.01	0.454	1.07	3.65	40.244	6.24	0.
2	9.28	0.174	3.81	12.99	45.811	7.10	0.
3	11.27	0.221	6.75	22.98	102.172	15.85	0.
4	14.55	0.254	3.73	12.68	64.849	10.06	0.
5	16.82	0.310	4.26	14.51	91.600	14.21	0.
6	22.84	0.442	3.62	12.33	127.381	19.76	0.
7	26.49	0.424	6.13	20.86	172.731	26.79	0.
7	29.00	0.326	29.37	100.00	644.786	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:37:00 AM
 Printed by: wet

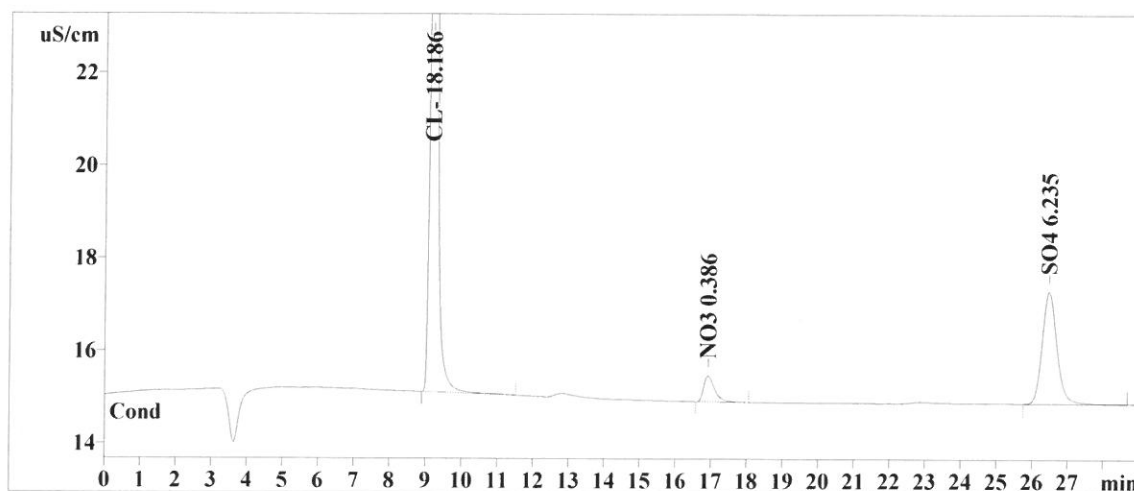
Ident: K3190-06RE
 Analysis from: 6/7/2019 5:04:50 AM
 File: _2019-06-07_

Last save: 6/7/2019 8:36:54 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67159

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	9.19	0.162	26.29	89.83	294.108	78.12	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	16.92	0.312	0.56	1.91	11.871	3.15	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.46	0.435	2.42	8.26	70.521	18.73	0.
7	29.00	0.130	29.27	100.00	376.499	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/7/2019 8:37:18 AM
 Printed by: wet

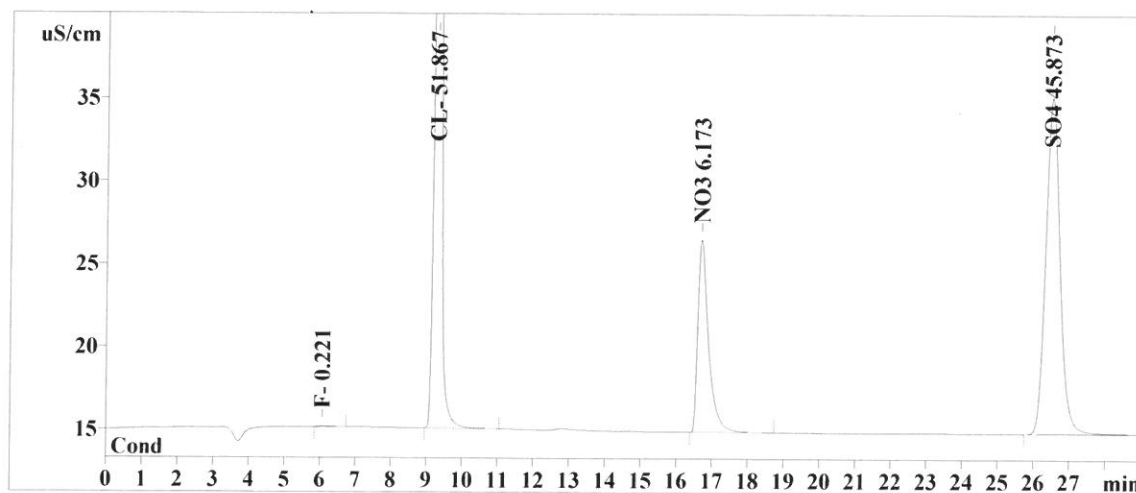
Ident: K3190-08RE
 Analysis from: 6/7/2019 5:36:44 AM
 File: _2019-06-07_

Last save: 6/7/2019 6:05:34 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67160

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	6.06	0.401	0.05	0.04	1.272	0.08	0.
2	9.28	0.162	77.01	70.69	841.720	50.86	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	16.69	0.295	11.60	10.65	239.930	14.50	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.48	0.426	20.27	18.61	572.011	34.56	0.
7	29.00	0.183	108.93	100.00	1654.934	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/7/2019 8:37:28 AM
Printed by: wet

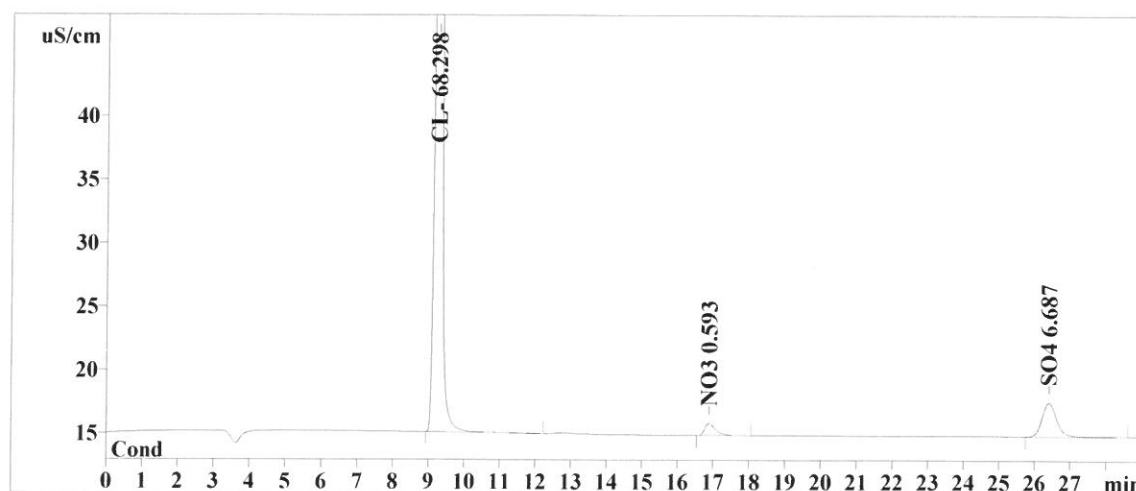
Ident: K3190-15RE
Analysis from: 6/7/2019 6:08:38 AM
File: _2019-06-07_

Last save: 6/7/2019 6:37:28 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67161

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.25	0.164	100.68	96.55	1108.849	92.01	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.89	0.313	0.94	0.90	20.035	1.66	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.40	0.428	2.66	2.55	76.238	6.33	0.
7	29.00	0.129	104.28	100.00	1205.122	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:37:42 AM
Printed by: wet

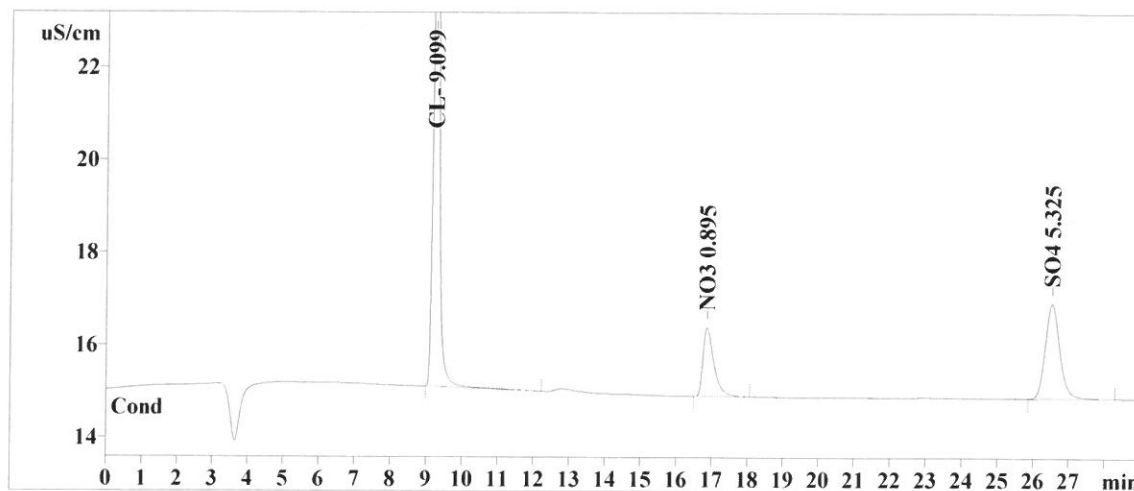
Ident: K3190-18RE
Analysis from: 6/7/2019 6:40:32 AM
File: _2019-06-07_

Last save: 6/7/2019 7:09:22 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67162

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	0.00	0.00	0.000	0.00	0.
2	9.24	0.162	13.01	78.66	146.367	61.68	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.86	0.315	1.48	8.95	31.923	13.45	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.52	0.432	2.05	12.38	59.002	24.86	0.
7	29.00	0.130	16.53	100.00	237.292	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:37:54 AM
 Printed by: wet

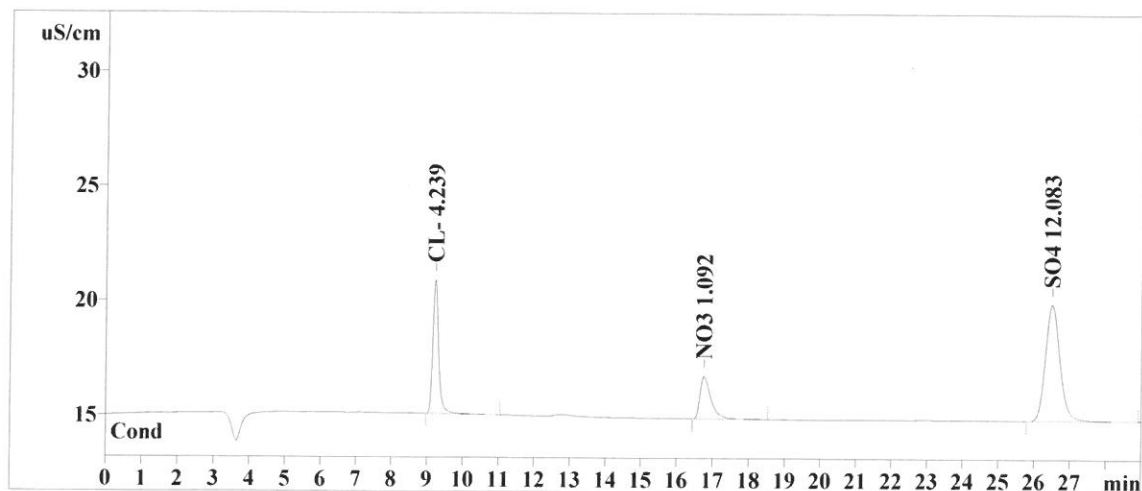
Ident: K3190-14RE
 Analysis from: 6/7/2019 7:12:27 AM
 File: _2019-06-07_

Last save: 6/7/2019 7:41:16 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67163

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.23	0.167	5.82	45.68	67.351	26.77	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	16.75	0.311	1.85	14.51	39.710	15.79	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.49	0.427	5.07	39.81	144.501	57.44	0.
7	29.00	0.129	12.75	100.00	251.562	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/7/2019 8:38:09 AM
Printed by: wet

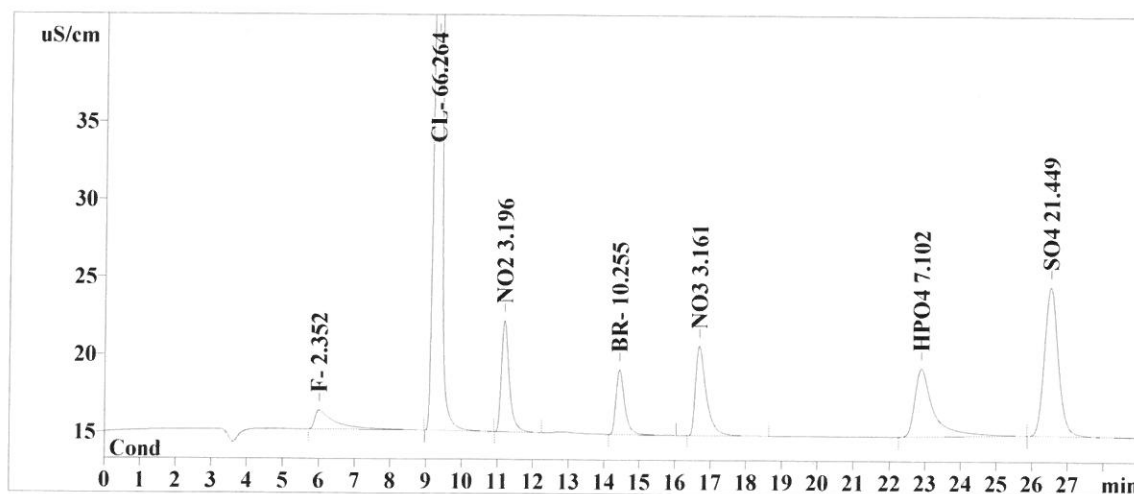
Ident: K3190-16MSRE
Analysis from: 6/7/2019 7:44:21 AM
File: _2019-06-07_

Last save: 6/7/2019 8:13:10 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67164

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	6.00	0.475	1.21	0.94	47.478	2.57	0.
2	9.29	0.167	96.49	74.97	1075.787	58.13	0.
3	11.19	0.224	7.14	5.54	110.402	5.97	0.
4	14.43	0.248	4.16	3.23	70.639	3.82	0.
5	16.67	0.303	5.75	4.47	121.227	6.55	0.
6	22.88	0.460	4.38	3.40	162.203	8.76	0.
7	26.51	0.413	9.58	7.44	262.997	14.21	0.
7	29.00	0.327	128.70	100.00	1850.733	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 8:45:45 AM
 Printed by: wet

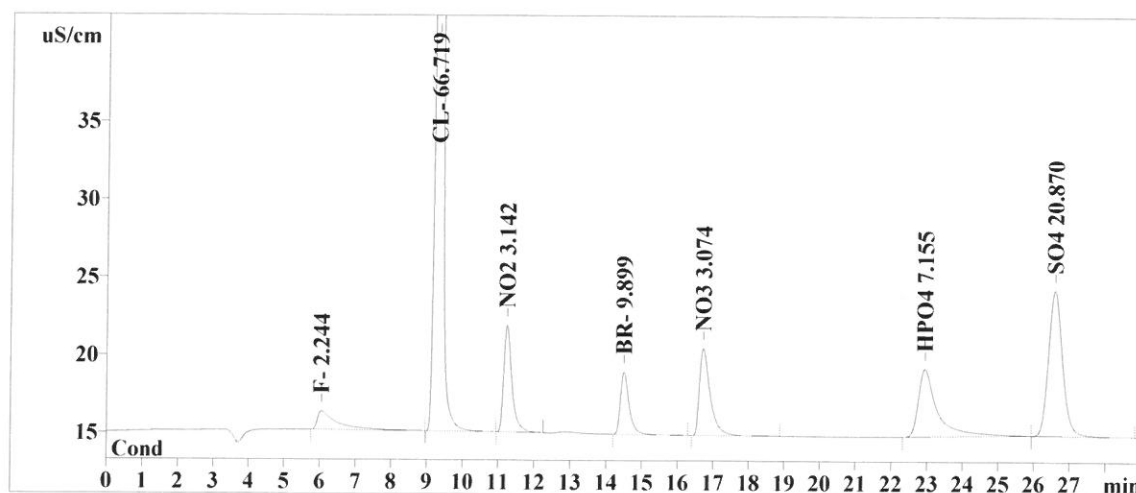
Ident: K3190-17MSDRE
 Analysis from: 6/7/2019 8:16:15 AM
 File: _2019-06-07_

Last save: 6/7/2019 8:45:04 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67165

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	6.05	0.461	1.18	0.93	45.121	2.45	0.
2	9.31	0.168	96.30	75.49	1083.187	58.81	0.
3	11.24	0.229	6.84	5.36	108.480	5.89	0.
4	14.49	0.248	4.00	3.14	68.130	3.70	0.
5	16.71	0.304	5.58	4.37	117.804	6.40	0.
6	22.93	0.463	4.35	3.41	163.325	8.87	0.
7	26.58	0.413	9.32	7.30	255.679	13.88	0.
7	29.00	0.327	127.57	99.99	1841.726	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/7/2019 10:04:15 AM
Printed by: wet

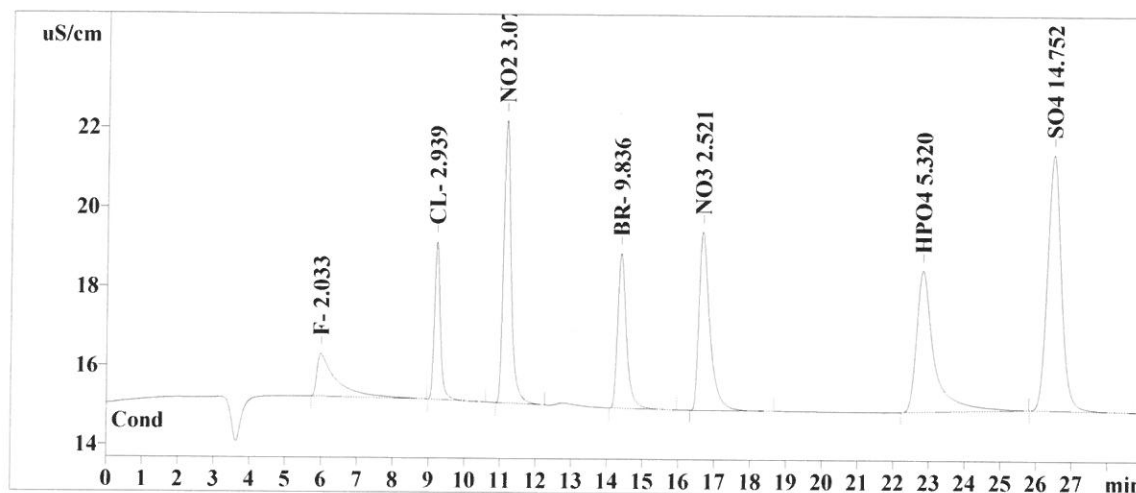
Ident: CCV
Analysis from: 6/7/2019 9:26:32 AM
File: _2019-06-07_

Last save: 6/7/2019 9:55:20 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67167

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

SAMPLE:
: AK/AP
Vial number: 2
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	5.98	0.451	1.09	3.55	40.553	6.15	0.
2	9.21	0.170	3.97	12.98	46.207	7.01	0.
3	11.14	0.217	7.13	23.29	106.035	16.09	0.
4	14.38	0.253	3.91	12.76	67.688	10.27	0.
5	16.65	0.307	4.50	14.71	96.005	14.57	0.
6	22.81	0.438	3.57	11.66	124.212	18.85	0.
7	26.46	0.416	6.45	21.05	178.270	27.05	0.
7	29.00	0.322	30.63	99.99	658.969	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/7/2019 11:10:11 AM
Printed by: wet

Ident: CCB
Analysis from: 6/7/2019 9:58:52 AM
File: _2019-06-07_

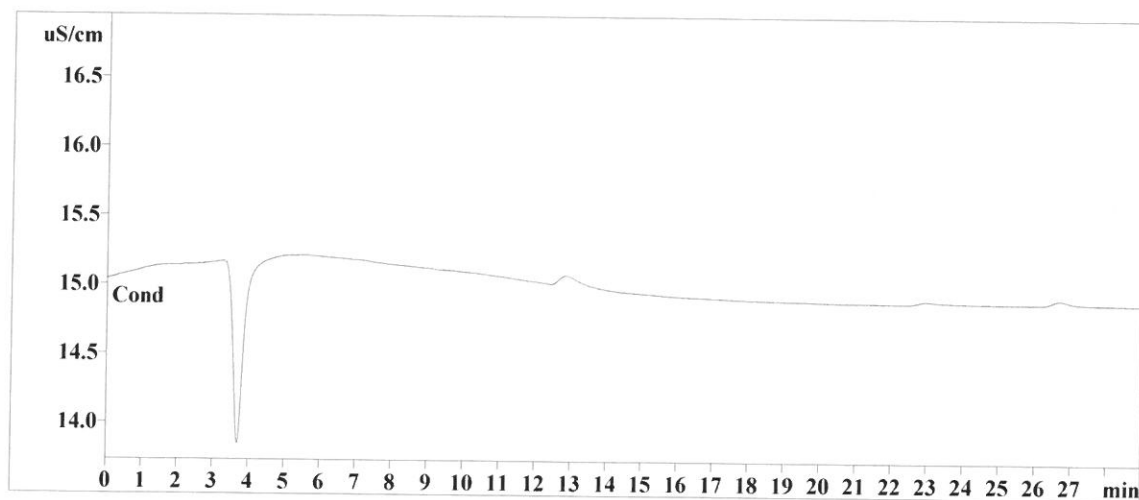
Last save: 6/7/2019 10:27:42 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67168

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
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