

JC-1 300' O
6-14-18 AK

Clear table

ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-11_	6/11/18 10:31
STD2	0.2020	0.2150	0.2270	0.7220	0.1760	0.0310	1.2780	_2018-06-11_	6/11/18 11:01
STD3	0.3660	0.6030	0.6210	2.0150	0.4940	1.0630	3.1400	_2018-06-11_	6/11/18 11:31
STD4	0.7860	1.1940	1.1700	3.8780	0.9640	2.1840	5.8600	_2018-06-11_	6/11/18 12:01
STD5	1.8970	2.8840	2.8680	9.7480	2.4710	5.0370	14.0380	_2018-06-11_	6/11/18 12:31
STD6	4.0490	6.0540	6.0630	20.1360	5.0200	9.9350	30.4340	_2018-06-11_	6/11/18 13:01
STD7	5.0830	7.6860	7.7060	25.4150	6.3680	12.6690	37.9200	_2018-06-11_	6/11/18 13:31
ICV	2.1340	2.8660	2.8280	9.5020	2.4350	5.3050	15.4210	_2018-06-11_	6/11/18 15:04
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-11_	6/11/18 15:33
CCV	2.1320	3.0740	3.0290	10.0250	2.4720	5.2420	14.4700	_2018-06-13_	6/13/18 8:21
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-13_	6/13/18 8:52
LB95992BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-13_	6/13/18 9:23
LB95992BSW	2.0800	2.9050	2.8410	9.5080	2.3820	5.6010	15.3210	_2018-06-13_	6/13/18 9:54
J3477-01	0.0000	12.2540	0.0000	0.0000	0.0000	0.2030	15.9470	_2018-06-13_	6/13/18 12:05
J3477-06	0.0000	333.2740	0.0000	0.0000	0.1870	0.0000	59.2400	_2018-06-13_	6/13/18 12:36
J3477-04	0.0000	71.6630	0.0000	0.0000	0.0000	0.0000	21.4910	_2018-06-13_	6/13/18 13:07
J3477-07	0.0000	335.3970	0.0000	0.0000	0.2050	0.0000	105.3440	_2018-06-13_	6/13/18 13:38
J3477-08	0.0000	345.5720	0.0000	0.0000	0.1630	0.0000	103.1280	_2018-06-13_	6/13/18 14:09
J3477-09	0.0000	55.2000	0.0000	0.0000	0.0000	0.0000	17.5900	_2018-06-13_	6/13/18 14:39
J3477-10	0.0000	236.9370	0.0000	0.0000	0.0000	0.0000	33.6330	_2018-06-13_	6/13/18 15:10
J3477-11	0.4830	1.2980	0.0000	0.0000	0.1380	0.0000	0.8400	_2018-06-13_	6/13/18 15:41
CCV	2.0950	2.8970	2.8770	9.5950	2.4080	5.4050	14.3120	_2018-06-13_	6/13/18 16:12
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-13_	6/13/18 16:43
J3477-01DUP	0.0000	12.7330	0.0000	0.0000	0.0000	0.2120	16.3600	_2018-06-13_	6/13/18 17:14
J3477-02MS	2.4980	17.3500	3.2390	10.4020	2.5000	6.9690	31.0380	_2018-06-13_	6/13/18 17:45
J3477-03MSD	2.3460	14.9590	2.7370	9.6060	2.3890	6.7370	30.1920	_2018-06-13_	6/13/18 18:16
J3477-01DLX2	0.0000	5.8620	0.0000	0.0000	0.0000	0.0000	8.2700	_2018-06-13_	6/13/18 18:47
J3477-06DLX2	0.0000	161.3500	0.0000	0.0000	0.0000	0.0000	27.7010	_2018-06-13_	6/13/18 19:18
J3477-06DL2X50	0.0000	4.8100	0.0000	0.0000	0.0000	0.0000	1.7420	_2018-06-13_	6/13/18 19:49
J3477-04DLX10	0.0000	5.5680	0.0000	0.0000	0.0000	0.0000	2.6760	_2018-06-13_	6/13/18 20:20

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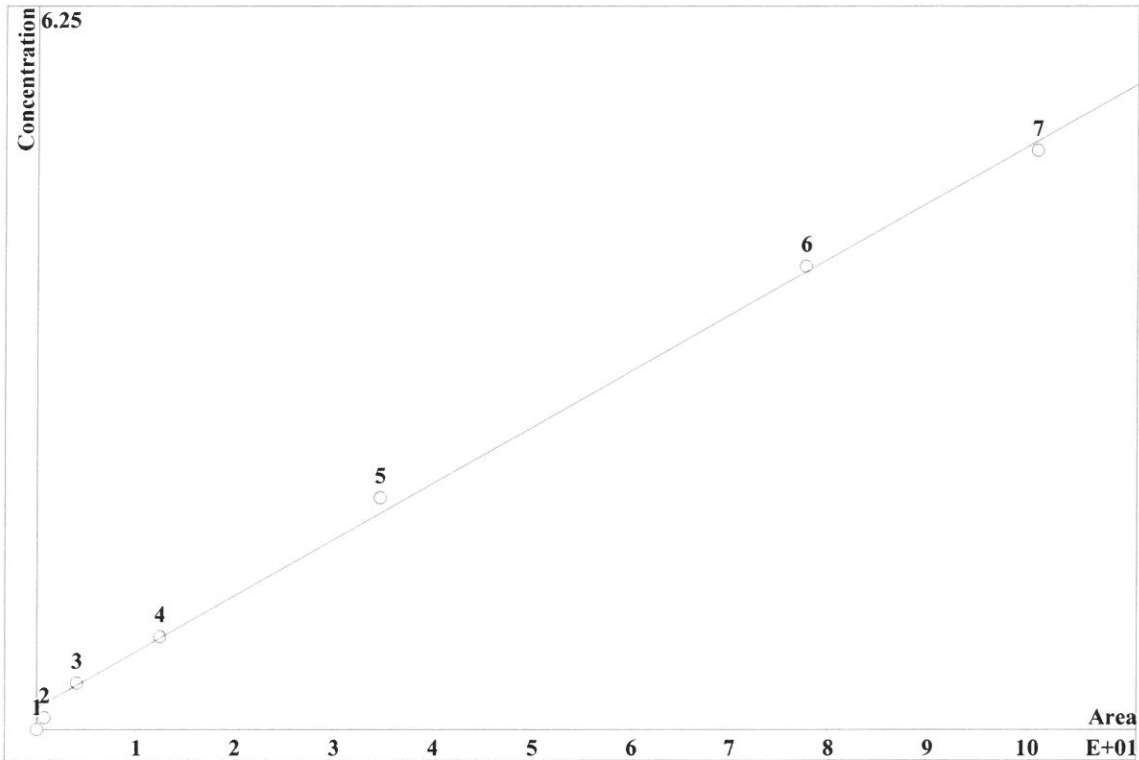
J3477-07DLX5	0.0000	59.3320	0.0000	0.0000	0.0000	0.0000	18.2550	2018-06-13	6/13/18 20:50
J3477-07DL2X50	0.0000	4.8080	0.0000	0.0000	0.0000	0.0000	2.3510	2018-06-13	6/13/18 21:21
J3477-08DLX5	0.0000	58.9100	0.0000	0.0000	0.0000	0.0000	18.0190	2018-06-13	6/13/18 21:52
CCV	1.9820	2.9220	2.8770	9.6530	2.4160	5.4300	14.6640	2018-06-13	6/13/18 22:23
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-13	6/13/18 22:54
J3477-08DL2X50	0.0000	4.7390	0.0000	0.0000	0.0000	0.0000	2.4110	2018-06-13	6/13/18 23:25
J3477-09DLX10	0.0000	4.1810	0.0000	0.0000	0.0000	0.0000	2.2700	2018-06-13	6/13/18 23:56
J3477-10DLX50	0.0000	3.3350	0.0000	0.0000	0.0000	0.0000	1.3470	2018-06-14	6/14/18 0:27
CCV	2.1800	2.9230	2.8410	9.9320	2.4120	5.6270	14.7120	2018-06-14	6/14/18 0:58
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-14	6/14/18 1:29

IC-1 Cal 6-11-2018

AK

CALIBRATION OF COMPONENT F-

Method: ANIONS 06-11-18.mtw
Equation: $Q = 0.96991 \cdot A + 3.75265$
RSD: 5.047 %
Correlation coefficient: 0.998960



K3 = 0 K2 = 0 K1 = 0.96991 K0 = 3.75265

Base: Area

Ref.channel: Cond

ISTD:

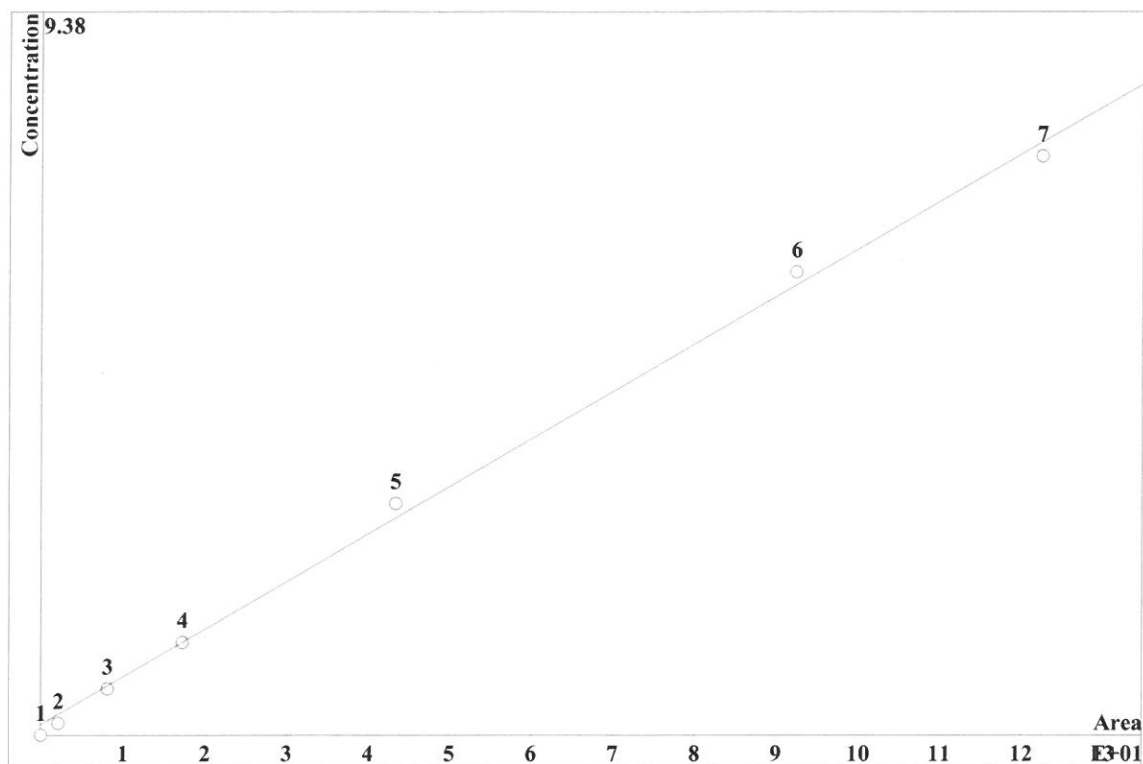
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.02191	0.7617	0.1	20	5.913			Yes
3	0.1211	4.025	0.4	20	5.913			Yes
4	0.2906	12.43	0.8	20	5.913			Yes
5	0.798	34.62	2	20	5.913			Yes
6	1.708	77.64	4	20	5.913			Yes
7	2.266	100.9	5	20	5.913			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 1.23247 \cdot A + 2.78813$
 RSD: 5.476 %
 Correlation coefficient: 0.998775

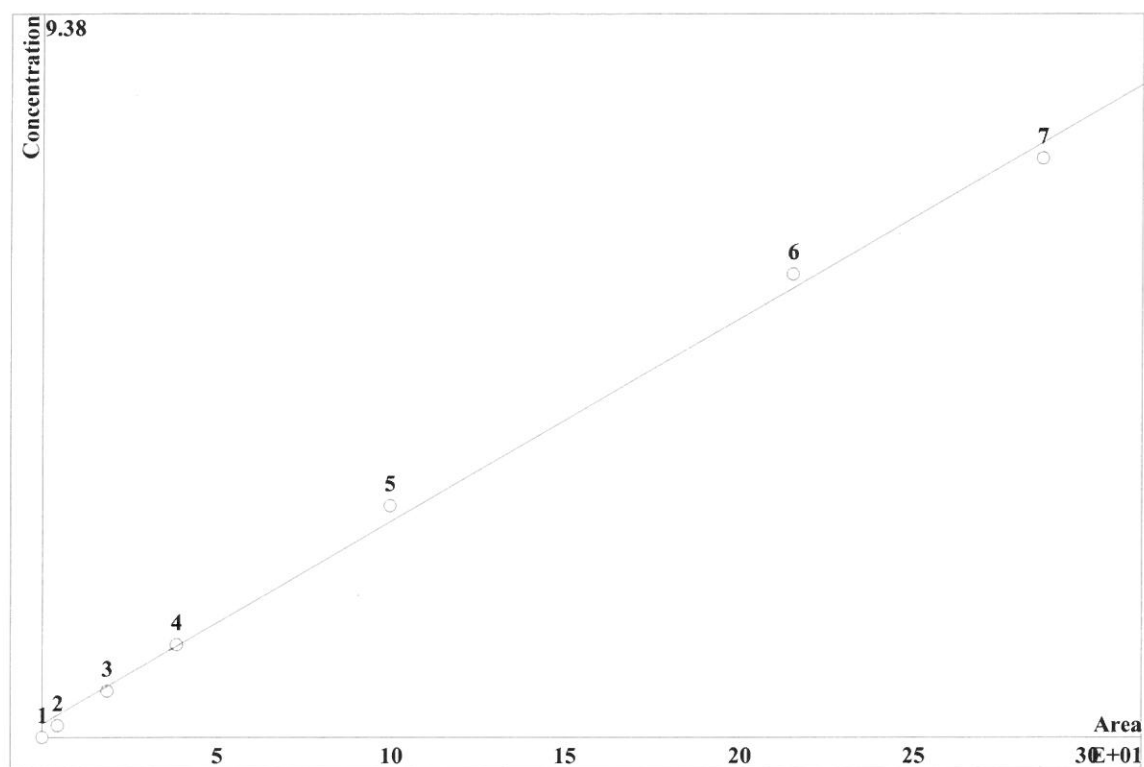


K3 = 0 K2 = 0 K1 = 1.23247 K0 = 2.78813
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1264	2.138	0.15	20	8.858	Yes		Yes
3	0.4978	8.144	0.6	20	8.858	Yes		Yes
4	1.043	17.27	1.2	20	8.858	Yes		Yes
5	2.688	43.4	3	20	8.858	Yes		Yes
6	5.683	92.4	6	20	8.858	Yes		Yes
7	7.465	122.5	7.5	20	8.858	Yes		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.525111 \cdot A + 3.49018$
 RSD: 6.162 %
 Correlation coefficient: 0.998449



K3 = 0 K2 = 0 K1 = 0.525111 K0 = 3.49018

Base: Area

Ref.channel: Cond

ISTD:

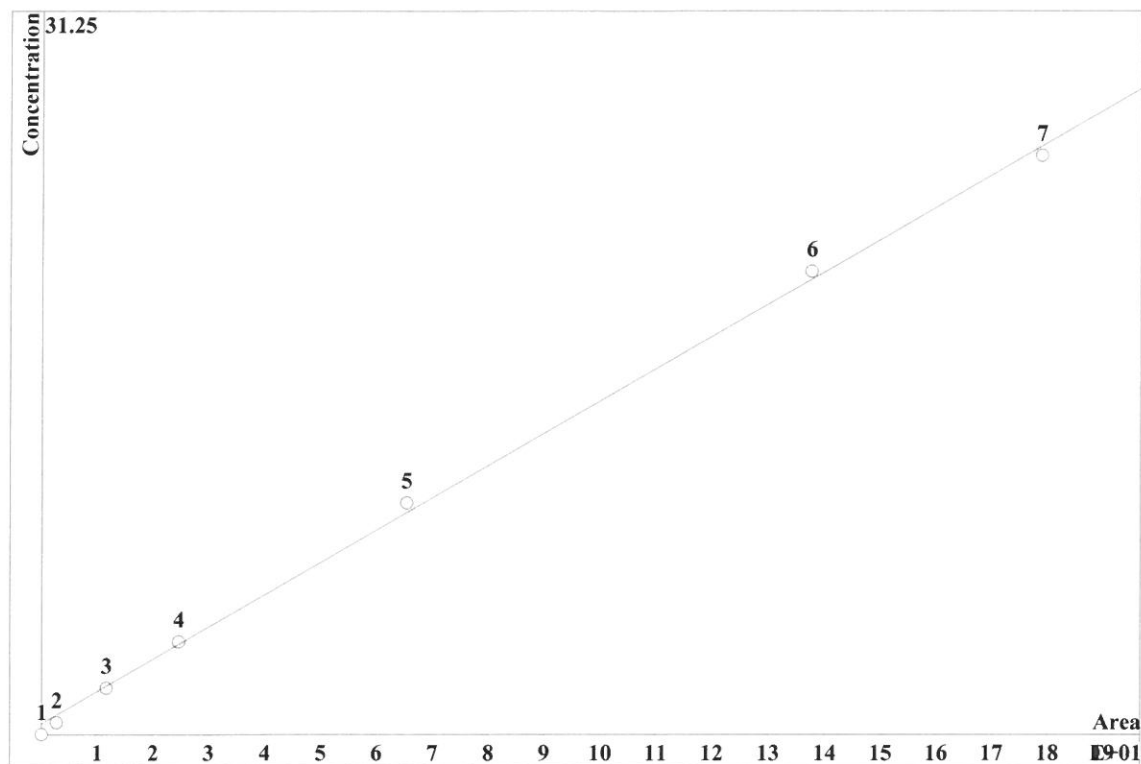
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.2394	4.404	0.15	20	10.65	Yes		Yes
3	0.9878	18.61	0.6	20	10.65	Yes		Yes
4	2.074	38.42	1.2	20	10.65	Yes		Yes
5	5.39	99.64	3	20	10.65	Yes		Yes
6	11.22	214.9	6	20	10.65	Yes		Yes
7	14.57	286.8	7.5	20	10.65	Yes		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 2.79052 \cdot A + 9.24087$
 RSD: 3.757 %
 Correlation coefficient: 0.999424



K3 = 0 K2 = 0 K1 = 2.79052 K0 = 9.24087

Base: Area

Ref.channel: Cond

ISTD:

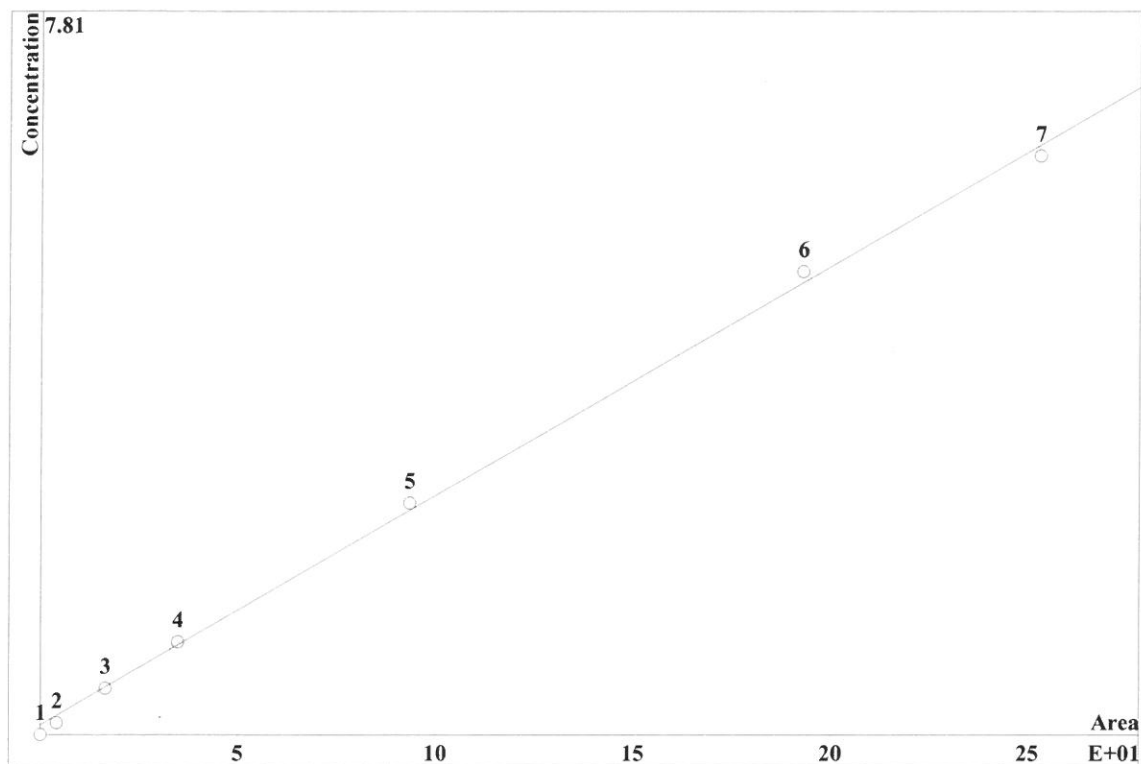
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1433	2.719	0.5	20	13.72			Yes
3	0.6082	11.7	2	20	13.72			Yes
4	1.29	24.64	4	20	13.72			Yes
5	3.353	65.42	10	20	13.72			Yes
6	6.956	137.6	20	20	13.72			Yes
7	8.929	178.8	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.494945 \cdot A + 2.1299$
 RSD: 3.983 %
 Correlation coefficient: 0.999352



K3 = 0 K2 = 0 K1 = 0.494945 K0 = 2.1299

Base: Area

Ref.channel: Cond

ISTD:

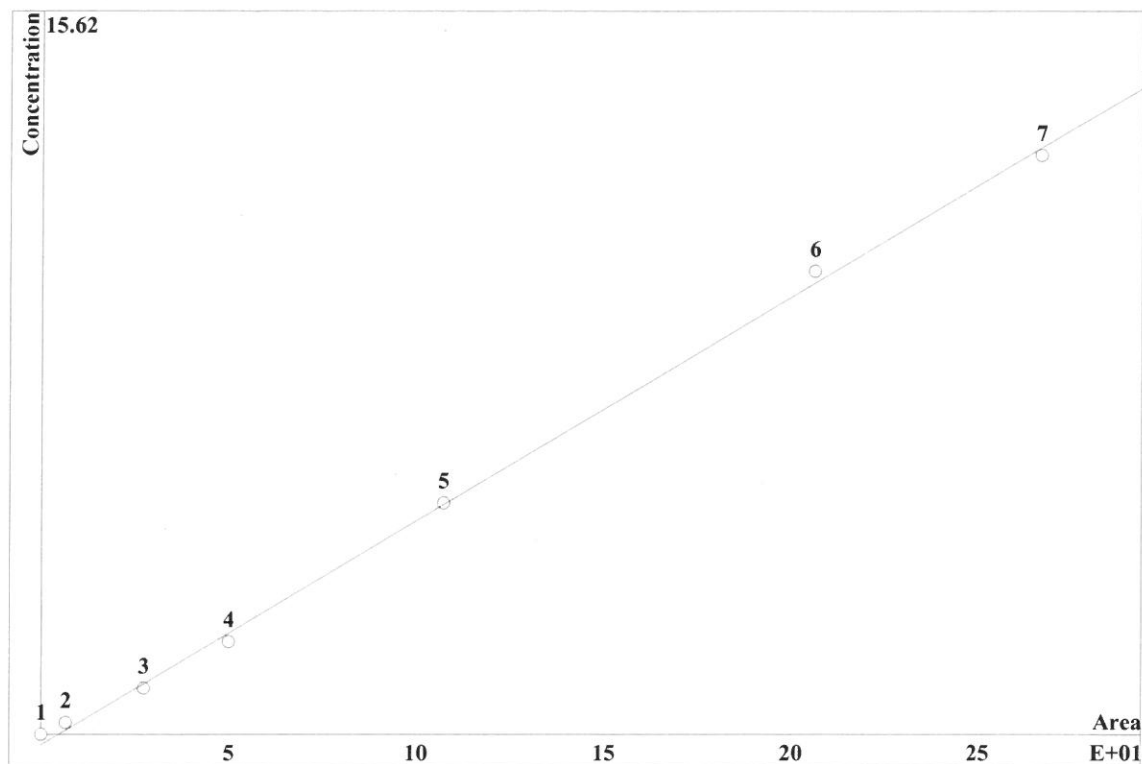
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.1843	4.199	0.125	20	15.65	Yes		
3	0.7548	16.6	0.5	20	15.65	Yes		
4	1.604	34.93	1	20	15.65	Yes		
5	4.233	93.68	2.5	20	15.65	Yes		
6	9.2	193	5	20	15.65	Yes		
7	12.18	253	6.25	20	15.65	Yes		

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.96711 \cdot A - 4.51826$
 RSD: 3.961 %
 Correlation coefficient: 0.999360



K3 = 0 K2 = 0 K1 = 0.96711 K0 = -4.51826

Base: Area

Ref.channel: Cond

ISTD:

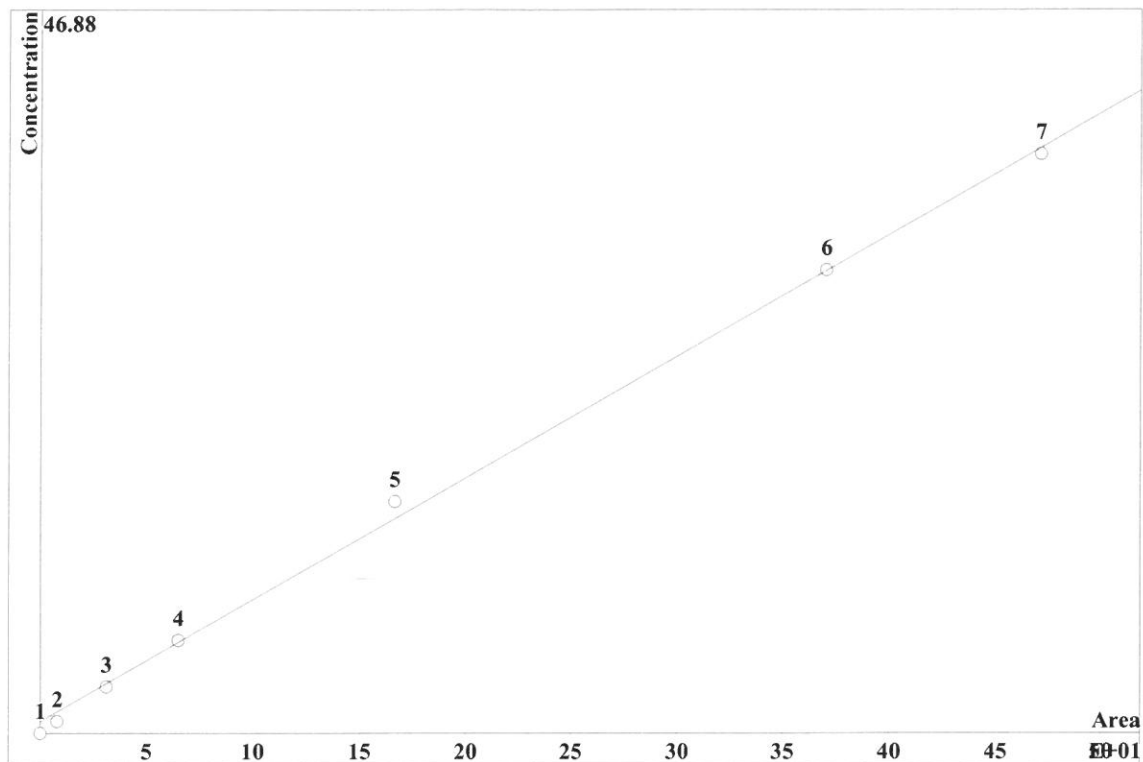
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1633	6.472	0.25	20	21.48			Yes
3	0.6769	27.29	1	20	21.48			Yes
4	1.281	49.89	2	20	21.48			Yes
5	2.972	107.4	5	20	21.48			Yes
6	5.923	206.2	10	20	21.48			Yes
7	7.72	266.7	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 1.57728 \cdot A + 15.0858$
 RSD: 4.461 %
 Correlation coefficient: 0.999188



K3 = 0 K2 = 0 K1 = 1.57728 K0 = 15.0858

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	0.2582	8.071	0.75	20	25.17			Yes
3	1.015	31.21	3	20	25.17			Yes
4	2.134	65	6	20	25.17			Yes
5	5.625	166.6	15	20	25.17			Yes
6	12.26	370.2	30	20	25.17			Yes
7	16.19	471.3	37.5	20	25.17			Yes

Report date: 6/12/2018 10:59:22 AM
Printed by: wet

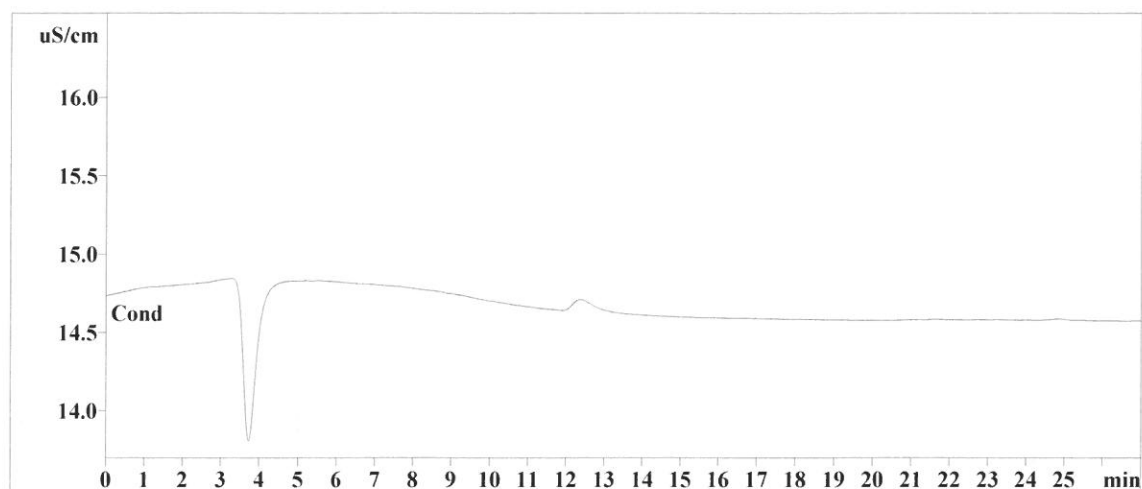
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Analysis from: 6/11/2018 10:31:49 AM
File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62553

Last save: 6/11/2018 9:33:02 AM

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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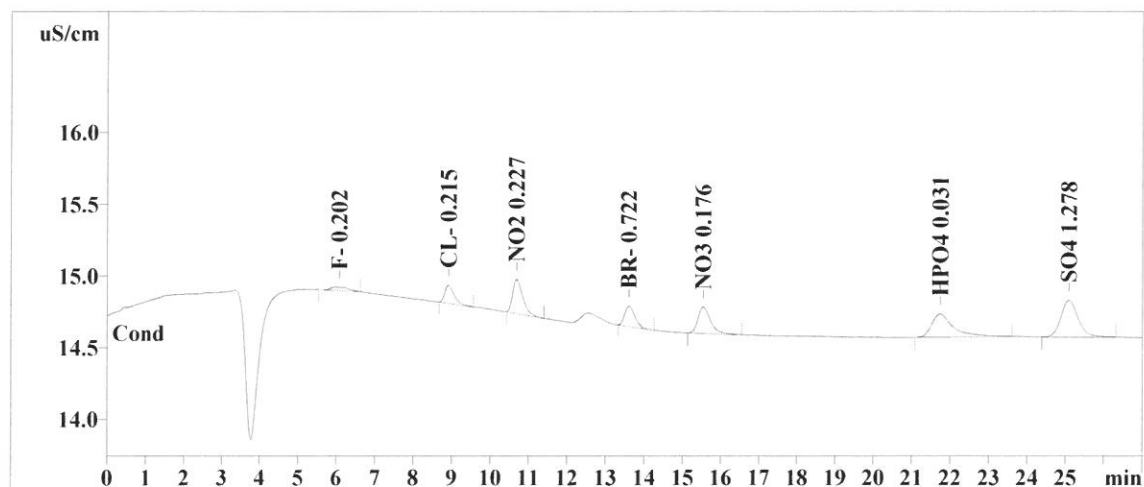
Report date: 6/12/2018 10:59:35 AM
Printed by: wet

Ident: STD2
Analysis from: 6/11/2018 11:01:44 AM
File: _2018-06-11_
Manual peaks!
Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62554

Last save: 6/11/2018 3:12:06 PM

Last save: 6/11/2018 9:33:02 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.08	0.531	0.02	1.96	0.762	2.65	0.
2	8.91	0.252	0.13	11.06	2.138	7.43	0.
3	10.69	0.278	0.24	20.99	4.404	15.31	0.
4	13.61	0.294	0.14	12.58	2.719	9.45	0.
5	15.54	0.336	0.18	16.14	4.199	14.60	0.
6	21.74	0.537	0.16	14.24	6.472	22.50	0.
7	25.09	0.467	0.26	22.64	8.071	28.06	0.
7	27.00	0.385	1.13	99.62	28.765	100.00	0.

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Report date: 6/12/2018 10:59:46 AM
Printed by: wet

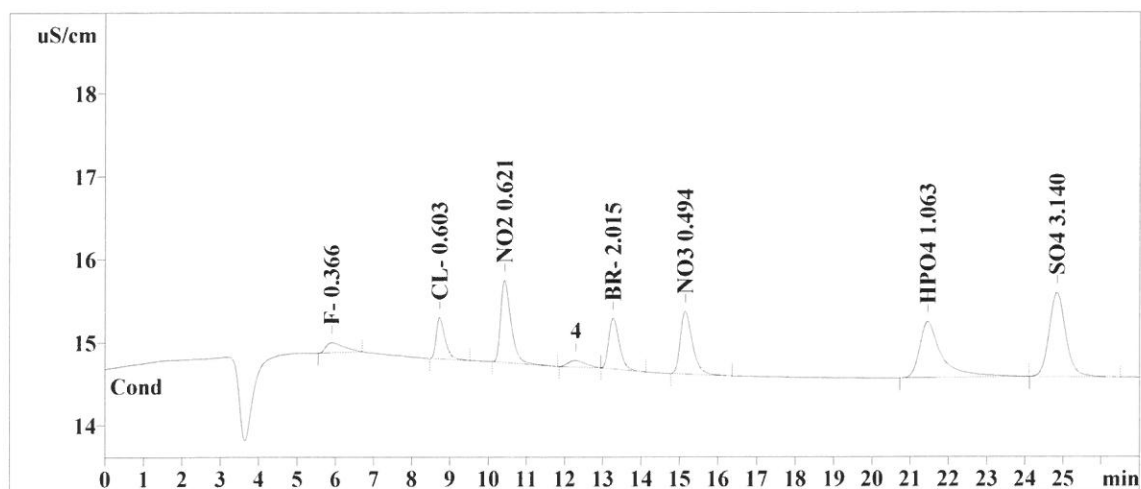
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File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62555

Last save: 6/11/2018 9:33:02 AM

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.90	0.535	0.12	2.54	4.025	3.35	0.
2	8.72	0.244	0.50	10.49	8.144	6.78	0.
3	10.42	0.275	0.99	20.84	18.613	15.50	0.
4	13.27	0.292	0.61	12.83	11.702	9.75	0.
5	15.15	0.327	0.75	15.91	16.597	13.82	0.
6	21.46	0.519	0.68	14.27	27.290	22.73	0.
7	24.83	0.459	1.01	21.38	31.205	25.99	0.
7	27.00	0.379	4.66	98.25	117.577	97.93	0.

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Report date: 6/12/2018 10:59:54 AM
 Printed by: wet

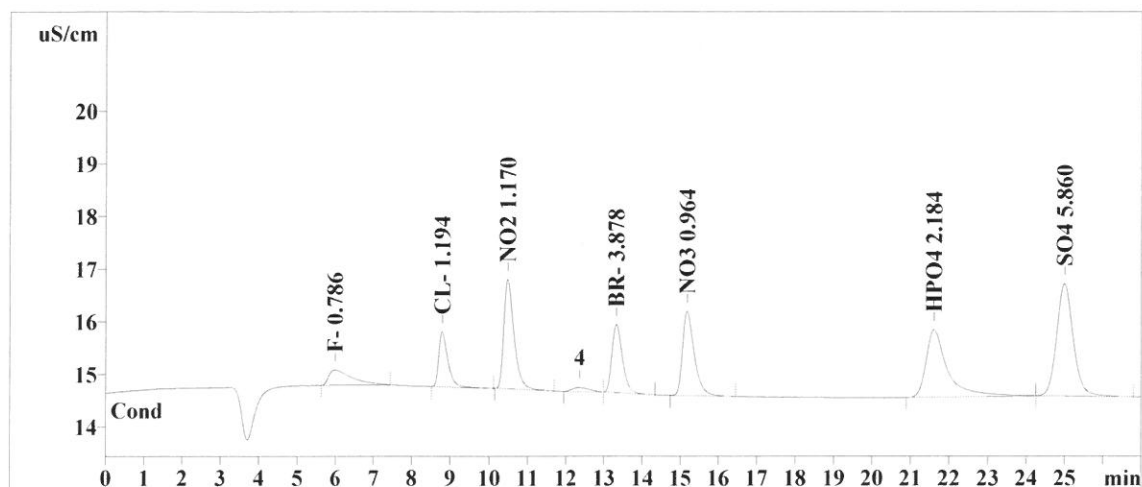
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 Analysis from: 6/11/2018 12:01:34 PM
 File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62556

Last save: 6/11/2018 9:33:02 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.99	0.624	0.29	2.96	12.425	5.07	0.
2	8.79	0.243	1.04	10.64	17.274	7.05	0.
3	10.48	0.272	2.07	21.17	38.417	15.68	0.
4	13.32	0.289	1.29	13.17	24.644	10.06	0.
5	15.18	0.323	1.60	16.36	34.927	14.25	0.
6	21.61	0.503	1.28	13.07	49.889	20.36	0.
7	24.99	0.454	2.13	21.79	64.995	26.52	0.
7	27.00	0.387	9.72	99.16	242.571	98.99	0.

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Report date: 6/12/2018 11:00:02 AM
Printed by: wet

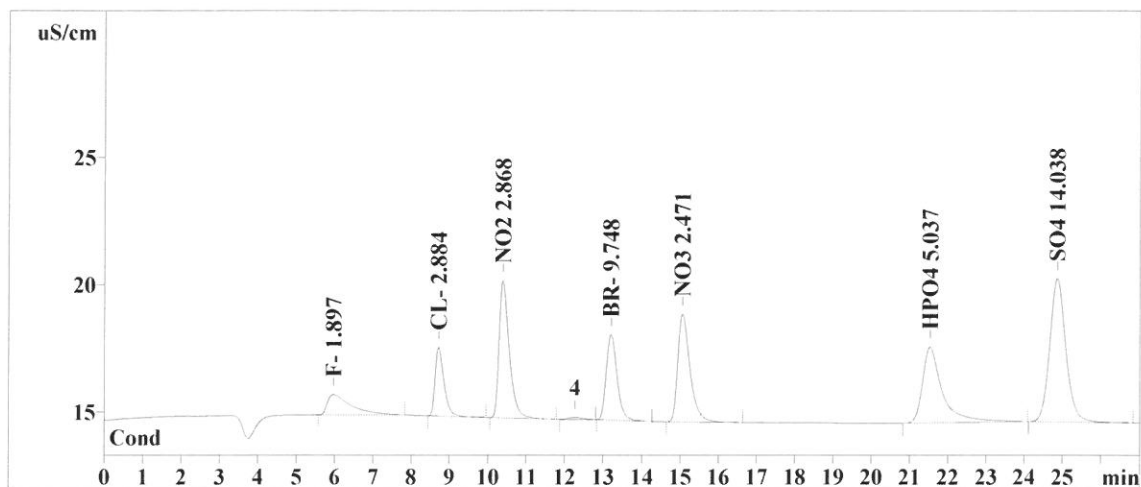
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Analysis from: 6/11/2018 12:31:29 PM
File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62557

Last save: 6/11/2018 9:33:02 AM

SAMPLE:
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.97	0.611	0.80	3.17	34.621	5.65	0.
2	8.71	0.239	2.69	10.69	43.404	7.08	0.
3	10.39	0.272	5.39	21.44	99.643	16.25	0.
4	13.20	0.295	3.35	13.33	65.419	10.67	0.
5	15.06	0.327	4.23	16.84	93.684	15.28	0.
6	21.53	0.472	2.97	11.82	107.418	17.52	0.
7	24.86	0.443	5.62	22.38	166.568	27.17	0.
7	27.00	0.380	25.05	99.67	610.755	99.63	0.

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Report date: 6/12/2018 11:00:10 AM
 Printed by: wet

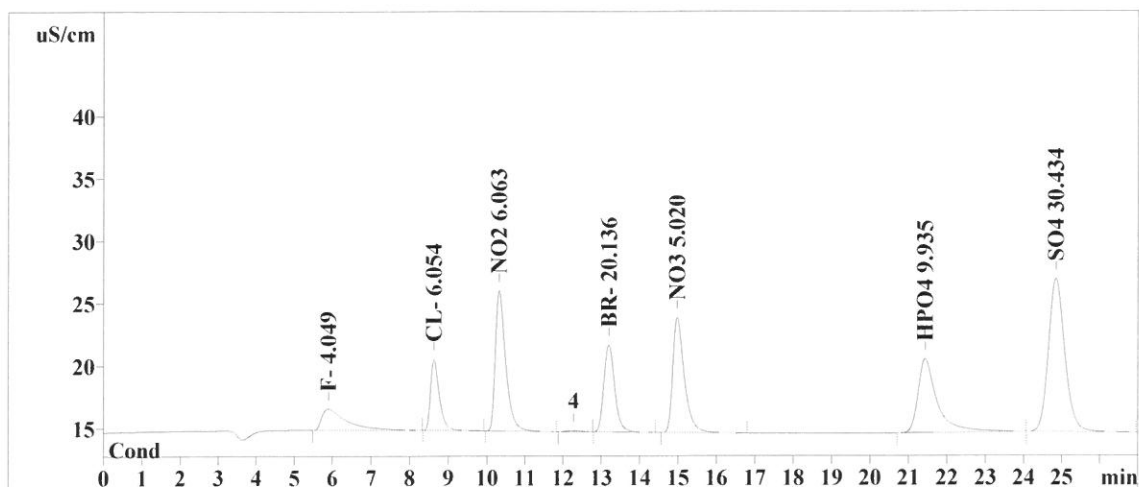
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 File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62558

Last save: 6/11/2018 9:33:02 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.89	0.619	1.71	3.22	77.640	6.00	0.
2	8.62	0.240	5.68	10.72	92.398	7.14	0.
3	10.32	0.283	11.22	21.16	214.906	16.61	0.
4	13.20	0.300	6.96	13.12	137.582	10.63	0.
5	14.97	0.307	9.20	17.35	193.026	14.92	0.
6	21.43	0.459	5.92	11.17	206.201	15.93	0.
7	24.85	0.453	12.26	23.12	370.238	28.61	0.
7	27.00	0.380	52.95	99.86	1291.990	99.84	0.

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Report date: 6/12/2018 11:00:19 AM
 Printed by: wet

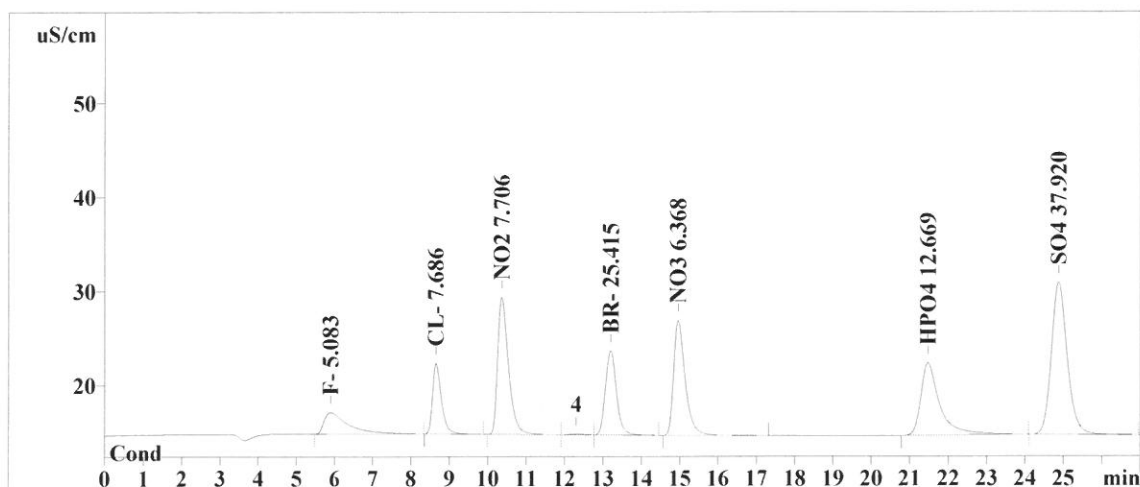
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 Analysis from: 6/11/2018 1:31:19 PM
 File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62559

Last save: 6/11/2018 3:12:22 PM

SAMPLE:
 : AK/AP
 Vial number: 8
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.90	0.612	2.27	3.26	100.945	6.00	0.
2	8.65	0.242	7.47	10.76	122.467	7.28	0.
3	10.36	0.292	14.57	20.99	286.847	17.06	0.
4	13.20	0.305	8.93	12.87	178.843	10.63	0.
5	14.96	0.304	12.18	17.55	253.029	15.04	0.
6	21.47	0.460	7.72	11.13	266.677	15.86	0.
7	24.87	0.436	16.19	23.33	471.268	28.02	0.
7	27.00	0.379	69.32	99.90	1680.077	99.90	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2018 11:00:38 AM
 Printed by: wet

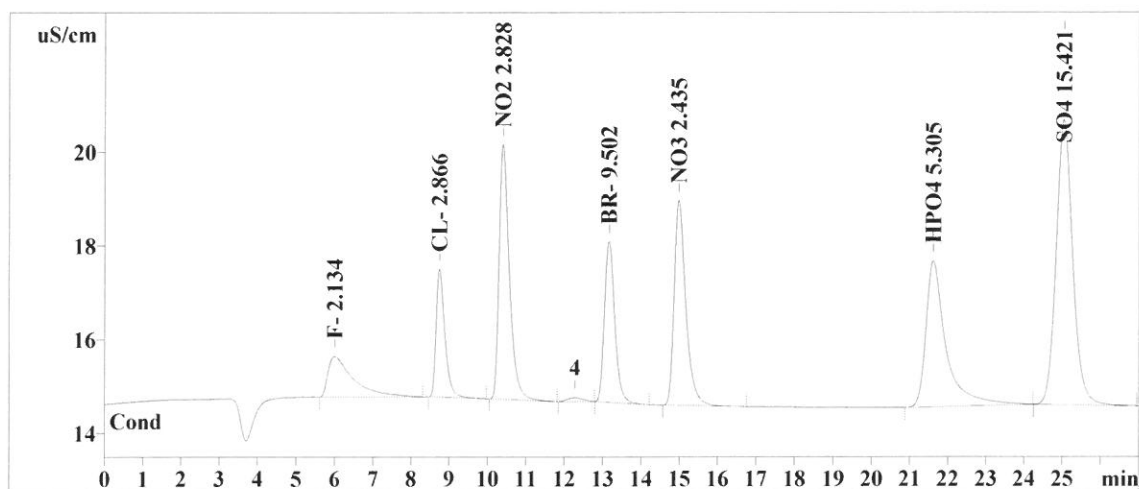
Ident: ICV
 Analysis from: 6/11/2018 3:04:02 PM
 File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62562

Last save: 6/11/2018 3:12:22 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	6.00	0.638	0.86	3.30	40.127	6.20	0.
2	8.74	0.240	2.73	10.45	44.246	6.84	0.
3	10.40	0.274	5.43	20.80	101.071	15.62	0.
4	13.16	0.286	3.43	13.15	64.790	10.01	0.
5	14.98	0.317	4.37	16.74	94.097	14.54	0.
6	21.62	0.476	3.12	11.93	114.385	17.68	0.
7	25.04	0.459	6.08	23.29	185.972	28.74	0.
7	27.00	0.384	26.03	99.67	644.688	99.63	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/12/2018 11:00:46 AM
Printed by: wet

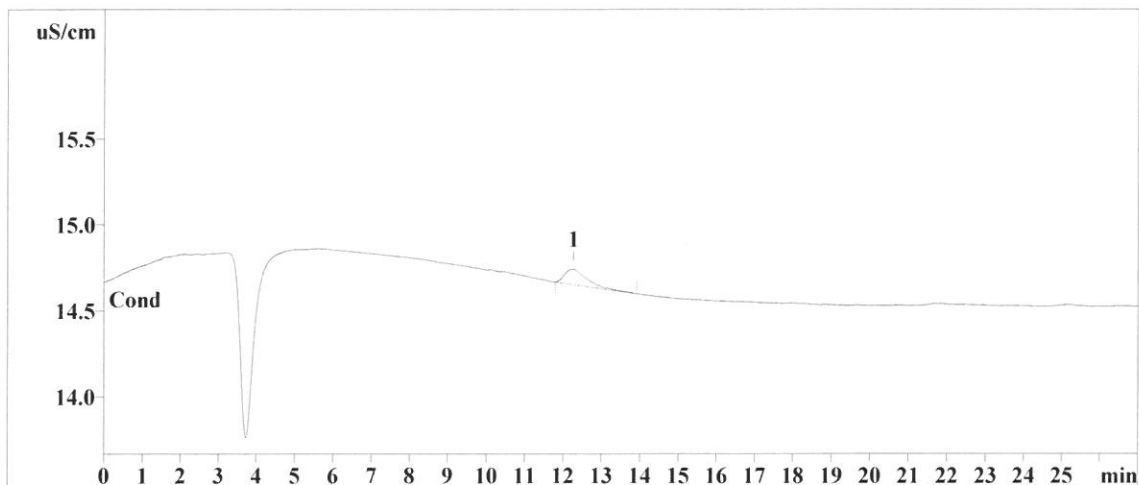
Ident: ICB
Analysis from: 6/11/2018 3:33:57 PM
File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62563

Last save: 6/11/2018 3:12:22 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	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	27.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:02:16 AM
Printed by: wet

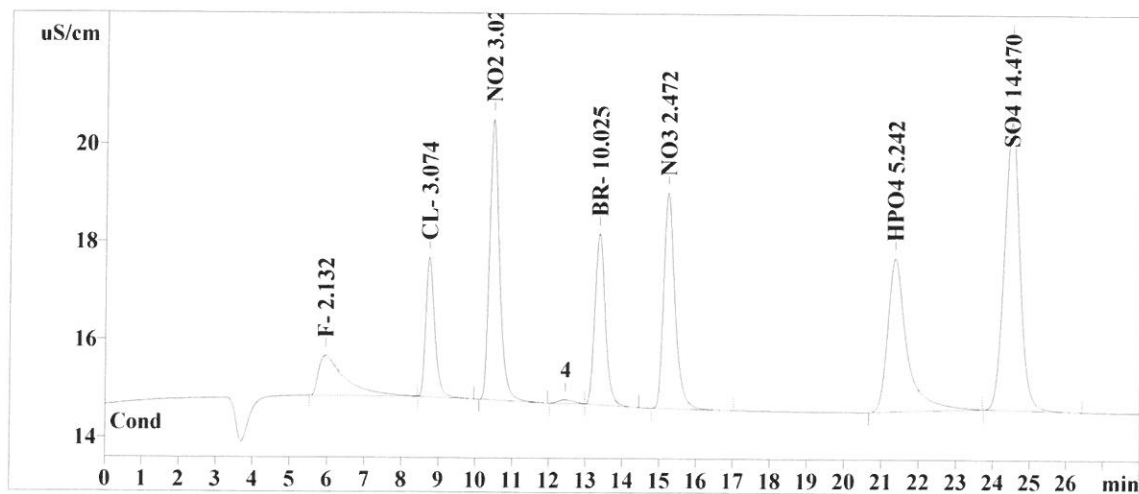
Ident: CCV
Analysis from: 6/13/2018 8:21:16 AM
File: _2018-06-13_

Last save: 6/13/2018 8:49:06 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62602

Last save: 6/12/2018 6:01:04 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	0.663	0.82	3.11	40.102	6.17	0.
2	8.73	0.249	2.85	10.79	47.627	7.33	0.
3	10.46	0.281	5.73	21.73	108.720	16.73	0.
4	13.35	0.298	3.49	13.23	68.542	10.55	0.
5	15.21	0.321	4.41	16.70	95.596	14.71	0.
6	21.34	0.480	3.13	11.88	113.071	17.40	0.
7	24.48	0.447	5.87	22.26	173.917	26.76	0.
7	28.00	0.391	26.30	99.70	647.575	99.66	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:02:28 AM
Printed by: wet

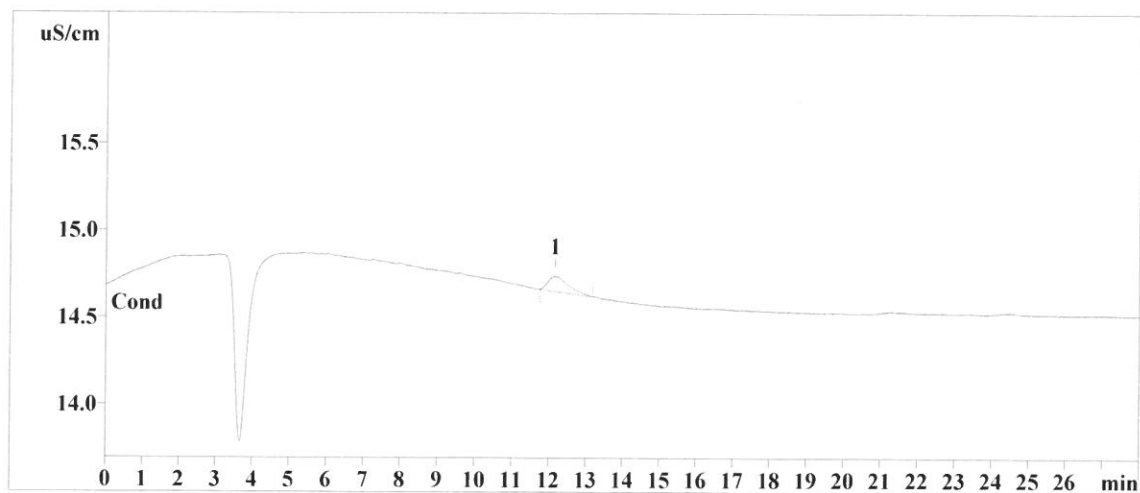
Ident: CCB
Analysis from: 6/13/2018 8:52:11 AM
File: _2018-06-13_

Last save: 6/13/2018 9:20:00 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62603

Last save: 6/12/2018 6:01:04 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	28.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:02:41 AM
Printed by: wet

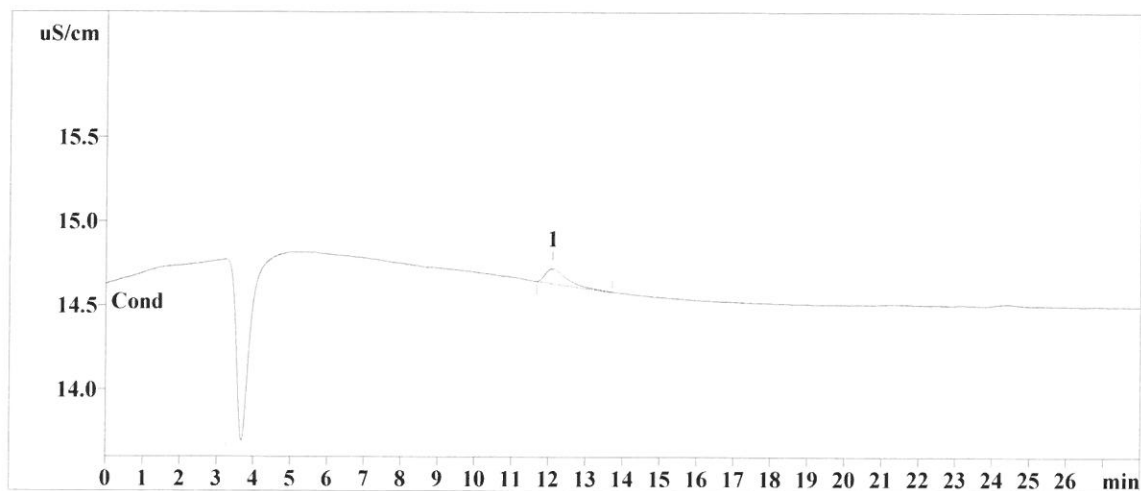
Ident: LB95992BLW
Analysis from: 6/13/2018 9:23:06 AM
File: _2018-06-13_

Last save: 6/14/2018 9:43:48 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62604

Last save: 6/12/2018 6:01:04 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	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	28.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:02:51 AM
Printed by: wet

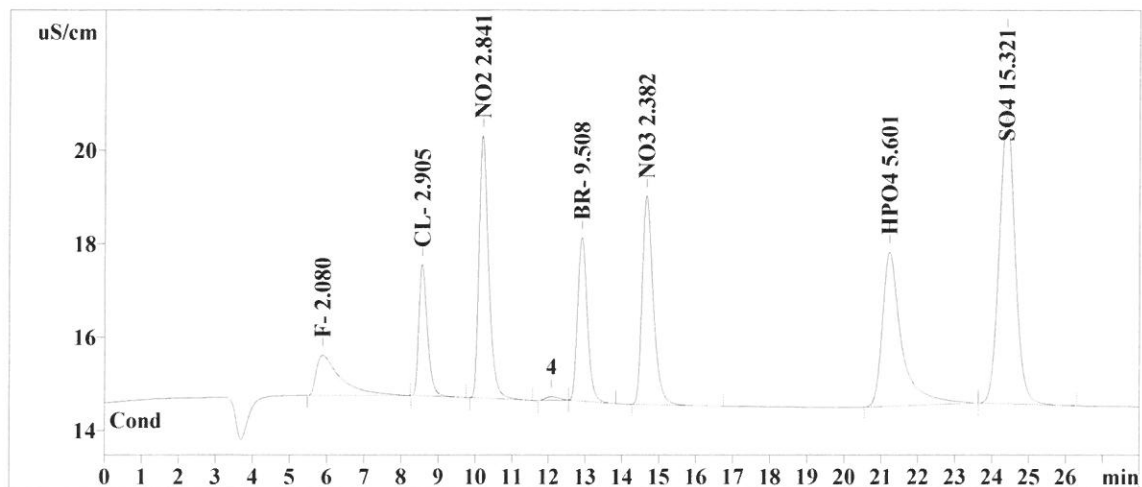
Ident: LB95992BSW
Analysis from: 6/13/2018 9:54:01 AM
File: _2018-06-13_

Last save: 6/14/2018 9:43:48 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62605

Last save: 6/12/2018 6:01:04 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	5.89	0.613	0.86	3.21	39.014	6.01	0.
2	8.55	0.238	2.81	10.49	44.878	6.91	0.
3	10.19	0.268	5.61	20.95	101.546	15.63	0.
4	12.91	0.283	3.50	13.08	64.833	9.98	0.
5	14.66	0.306	4.46	16.67	91.934	14.15	0.
6	21.22	0.482	3.29	12.30	120.504	18.55	0.
7	24.39	0.455	6.15	22.97	184.701	28.44	0.
7	28.00	0.378	26.69	99.68	647.409	99.67	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:08:59 AM
Printed by: wet

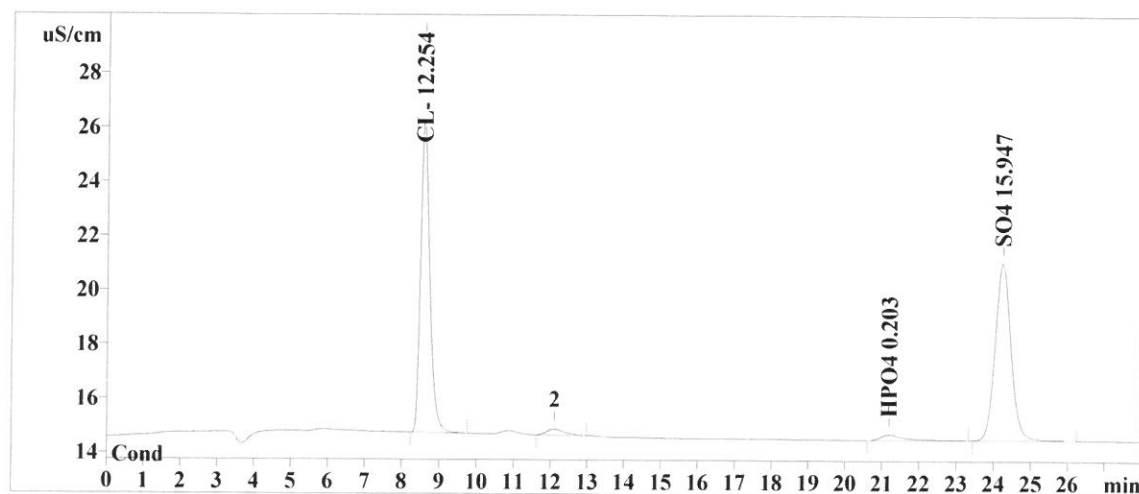
Ident: J3477-01
Analysis from: 6/13/2018 12:05:23 PM
File: _2018-06-13_

Last save: 6/14/2018 10:08:54 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62607

Last save: 6/12/2018 6:01:04 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	8.56	0.256	11.49	62.26	196.591	48.42	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	21.20	0.559	0.21	1.12	8.861	2.18	0.
7	24.23	0.444	6.53	35.35	192.647	47.45	0.
7	28.00	0.180	18.23	98.73	398.099	98.06	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:03:46 AM
Printed by: wet

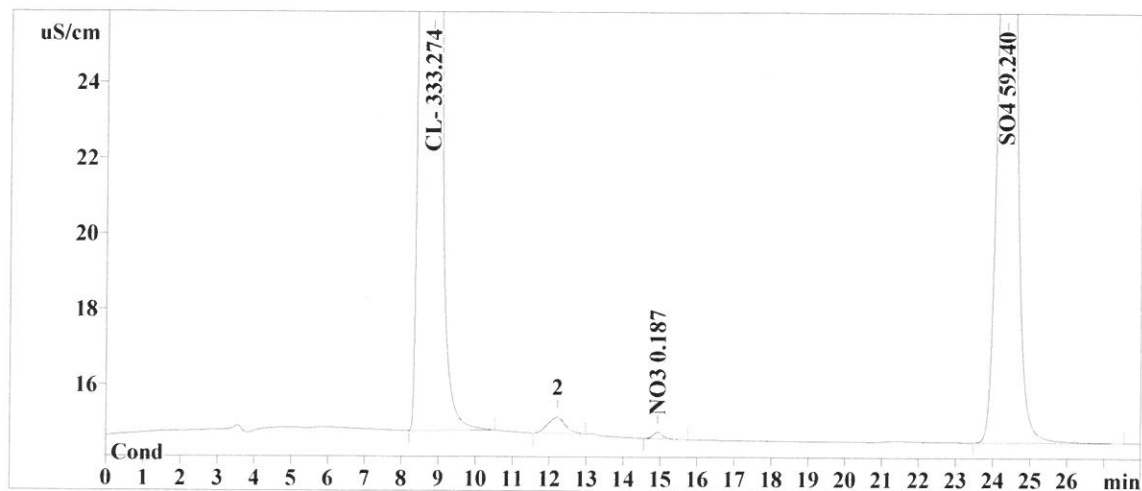
Ident: J3477-06
Analysis from: 6/13/2018 12:36:18 PM
File: _2018-06-13_

Last save: 6/13/2018 1:51:30 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62608

Last save: 6/12/2018 6:01:04 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	8.81	0.321	268.77	91.07	5405.966	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	14.93	0.291	0.17	0.06	3.236	0.05	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.31	0.434	25.75	8.73	741.597	12.03	0.
7	28.00	0.149	294.69	99.85	6150.800	99.77	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:04:36 AM
Printed by: wet

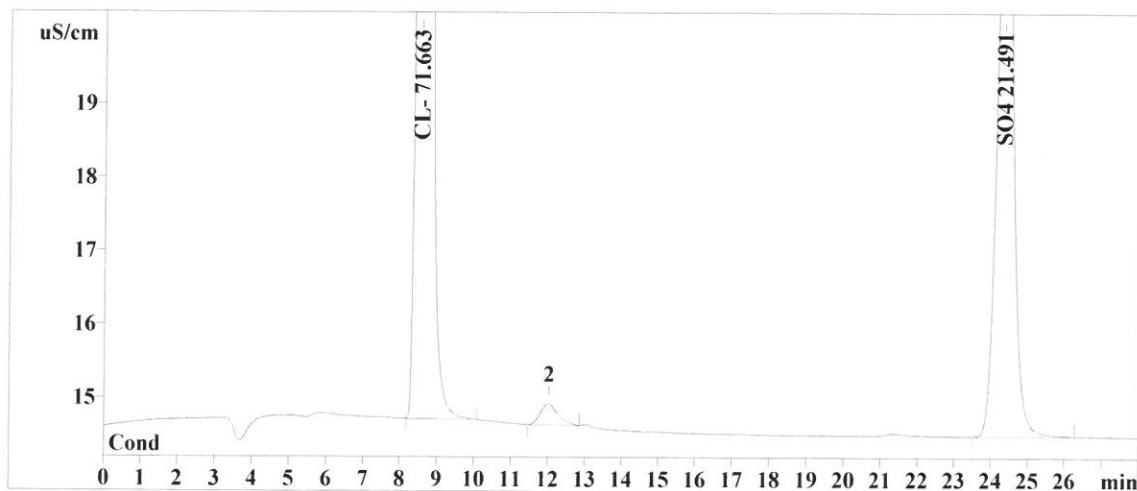
Ident: J3477-04
Analysis from: 6/13/2018 1:07:13 PM
File: _2018-06-13_

Last save: 6/14/2018 10:04:28 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62609

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.55	0.257	68.79	87.93	1160.651	80.99	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	24.34	0.432	9.16	11.70	262.948	18.35	0.
7	28.00	0.098	77.95	99.64	1423.599	99.34	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:04:55 AM
Printed by: wet

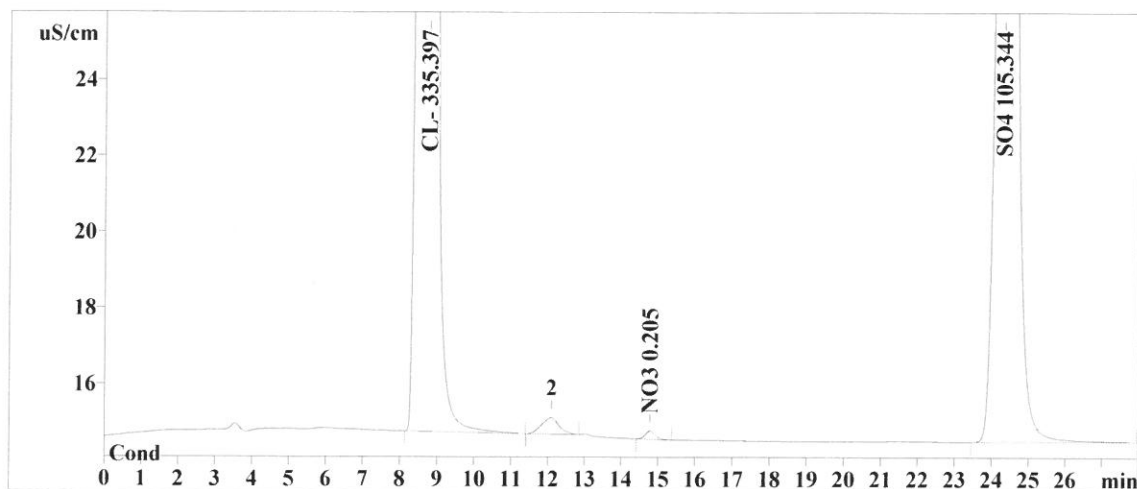
Ident: J3477-07
Analysis from: 6/13/2018 1:38:08 PM
File: _2018-06-13_

Last save: 6/13/2018 2:13:40 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62610

Last save: 6/12/2018 6:01:04 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	8.76	0.325	267.06	85.28	5440.404	80.18	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	14.78	0.284	0.21	0.07	3.974	0.06	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.32	0.443	45.39	14.49	1326.205	19.55	0.
7	28.00	0.150	312.66	99.84	6770.582	99.79	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:05:17 AM
 Printed by: wet

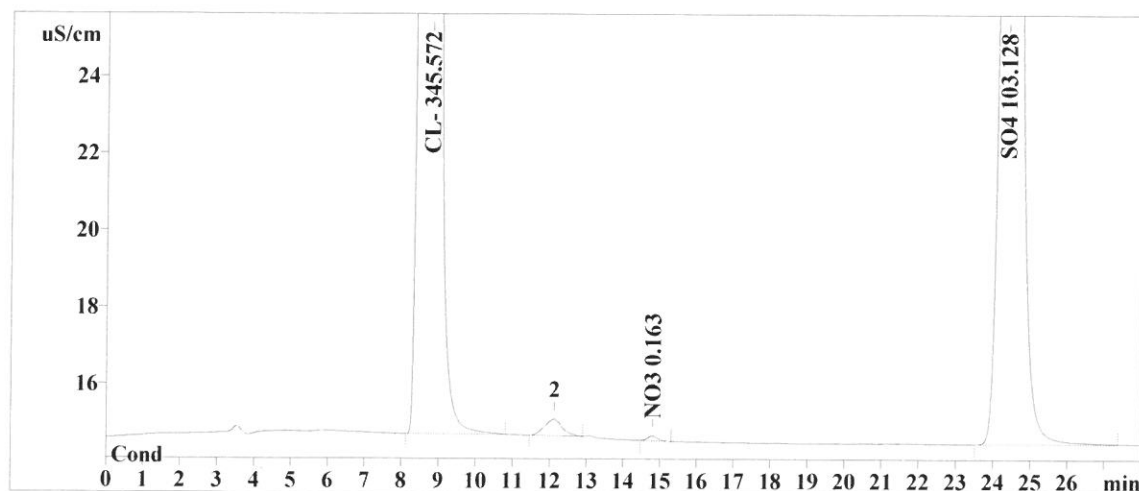
Ident: J3477-08
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 File: _2018-06-13_

Last save: 6/13/2018 2:36:52 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62611

Last save: 6/12/2018 6:01:04 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	8.80	0.339	263.96	85.51	5605.525	81.00	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	14.80	0.285	0.12	0.04	2.278	0.03	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.38	0.444	44.10	14.28	1298.101	18.76	0.
7	28.00	0.153	308.18	99.84	6905.903	99.79	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/14/2018 10:05:37 AM
Printed by: wet

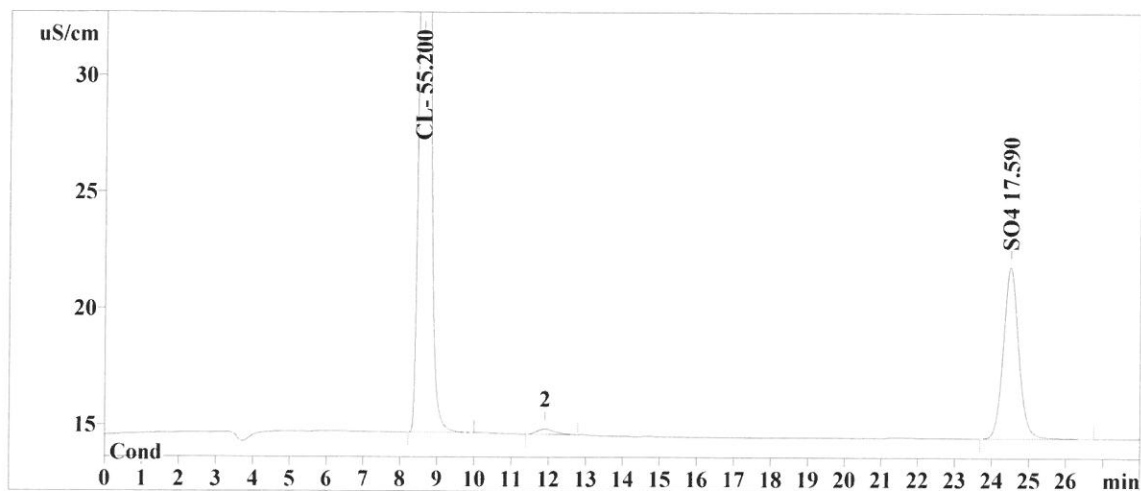
Ident: J3477-09
Analysis from: 6/13/2018 2:39:57 PM
File: _2018-06-13_

Last save: 6/13/2018 3:07:46 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62612

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.60	0.246	55.10	87.90	893.494	80.15	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.50	0.436	7.35	11.73	213.471	19.15	0.
7	28.00	0.097	62.46	99.63	1106.965	99.30	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:05:51 AM
Printed by: wet

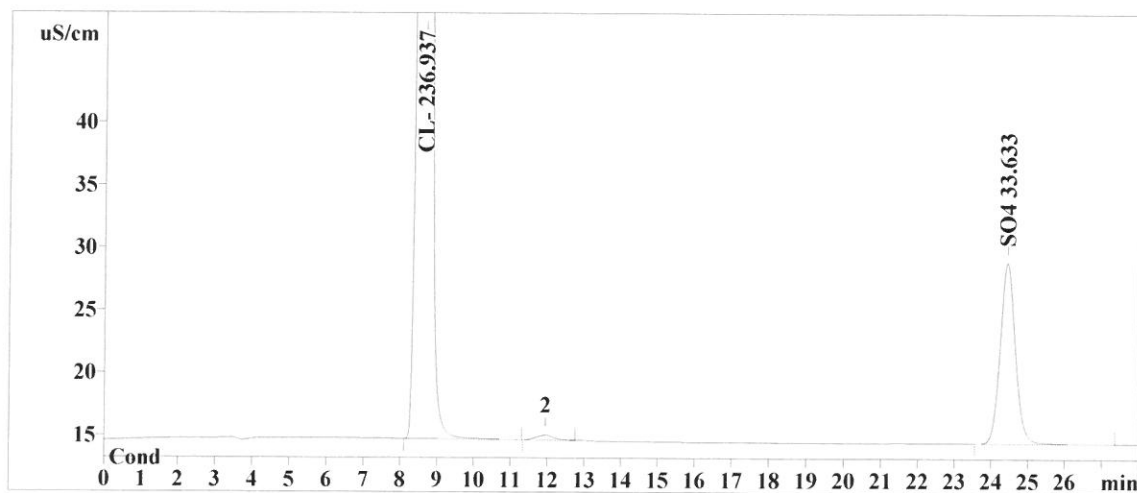
Ident: J3477-10
Analysis from: 6/13/2018 3:10:52 PM
File: _2018-06-13_

Last save: 6/13/2018 3:38:42 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62613

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.65	0.298	202.81	93.19	3842.638	89.94	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	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	24.43	0.435	14.43	6.63	416.909	9.76	0.
7	28.00	0.105	217.24	99.82	4259.547	99.69	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:06:07 AM
Printed by: wet

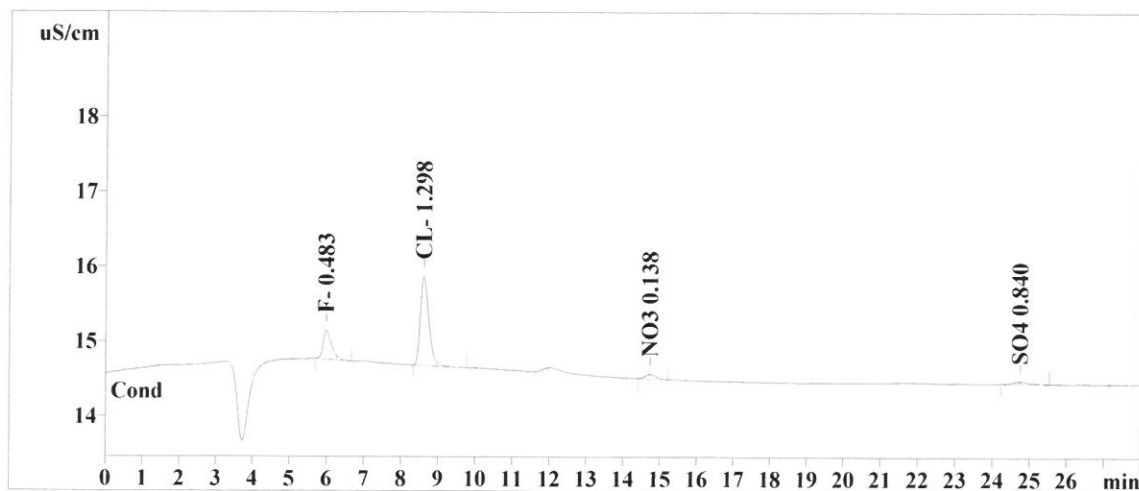
Ident: J3477-11
Analysis from: 6/13/2018 3:41:47 PM
File: _2018-06-13_

Last save: 6/13/2018 4:09:36 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62614

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.98	0.235	0.38	22.90	6.086	22.35	0.
2	8.60	0.239	1.19	71.16	18.805	69.05	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	14.73	0.314	0.06	3.73	1.254	4.60	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.75	0.505	0.03	1.97	1.089	4.00	0.
7	28.00	0.185	1.66	99.76	27.234	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:06:18 AM
 Printed by: wet

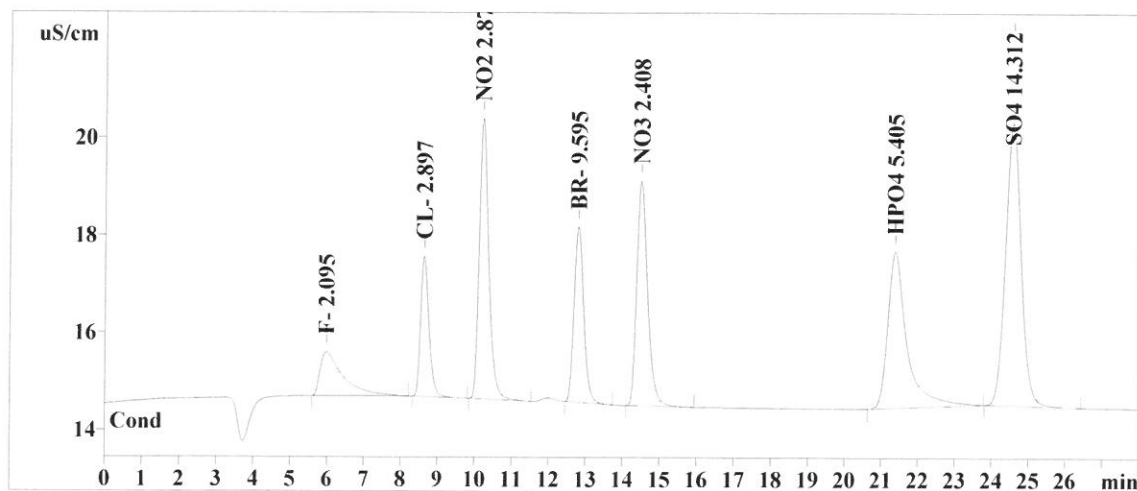
Ident: CCV
 Analysis from: 6/13/2018 4:12:42 PM
 File: _2018-06-13_

Last save: 6/13/2018 4:41:18 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62615

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.98	0.600	0.90	3.35	39.331	6.21	0.
2	8.62	0.233	2.87	10.75	44.749	7.06	0.
3	10.21	0.266	5.75	21.53	102.948	16.24	0.
4	12.80	0.278	3.60	13.46	65.455	10.33	0.
5	14.49	0.301	4.61	17.25	93.005	14.67	0.
6	21.37	0.477	3.20	11.97	116.454	18.37	0.
7	24.56	0.449	5.80	21.69	171.913	27.12	0.
7	28.00	0.372	26.72	99.99	633.856	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/14/2018 10:06:28 AM
Printed by: wet

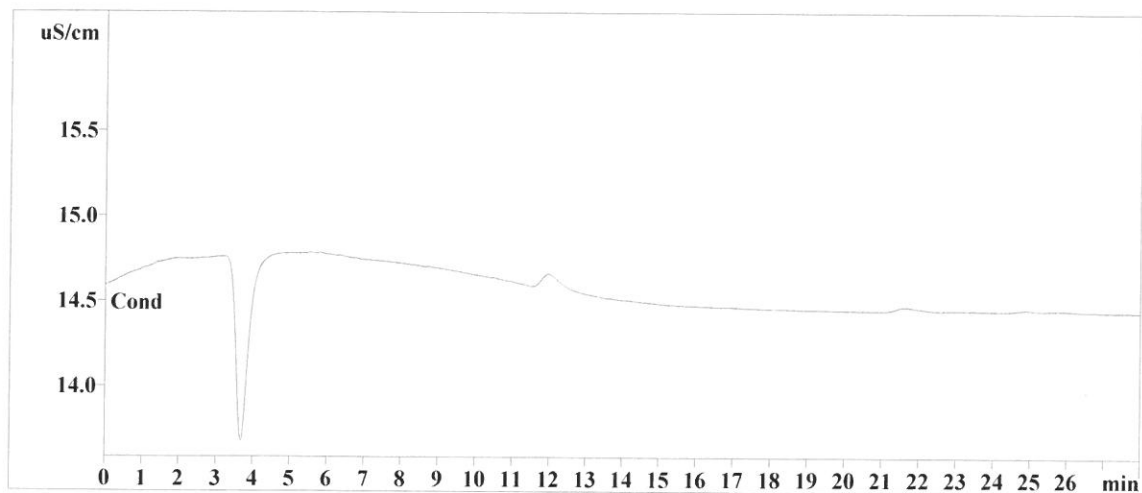
Ident: CCB
Analysis from: 6/13/2018 4:43:37 PM
File: _2018-06-13_

Last save: 6/13/2018 5:11:26 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62616

Last save: 6/12/2018 6:01:04 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: 6/14/2018 10:09:25 AM
Printed by: wet

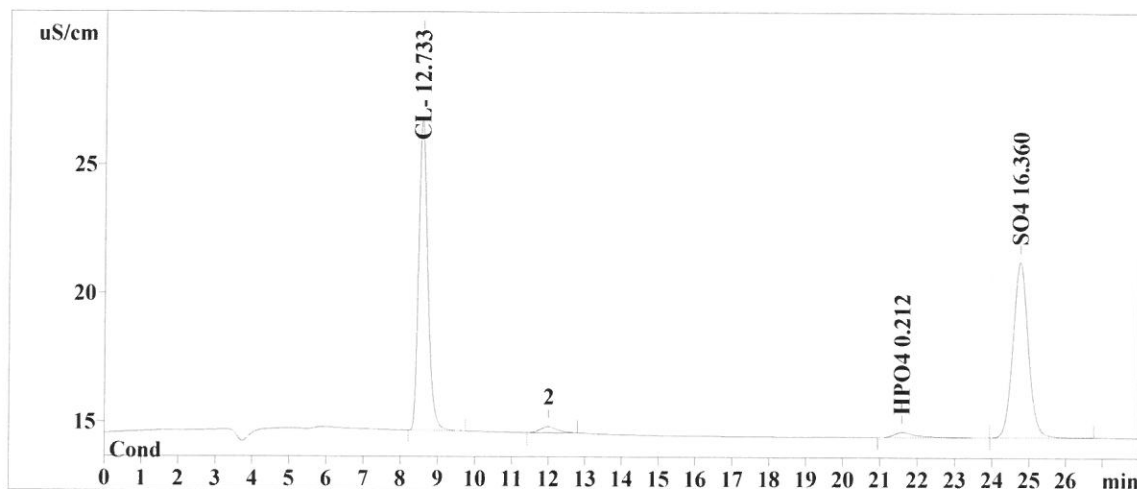
Ident: J3477-01DUP
Analysis from: 6/13/2018 5:14:32 PM
File: _2018-06-13_

Last save: 6/13/2018 5:42:20 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62617

Last save: 6/12/2018 6:01:04 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	8.56	0.253	12.15	62.61	204.355	48.79	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.59	0.557	0.21	1.07	9.051	2.16	0.
7	24.74	0.438	6.81	35.11	197.880	47.24	0.
7	28.00	0.178	19.17	98.79	411.286	98.19	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:09:57 AM
Printed by: wet

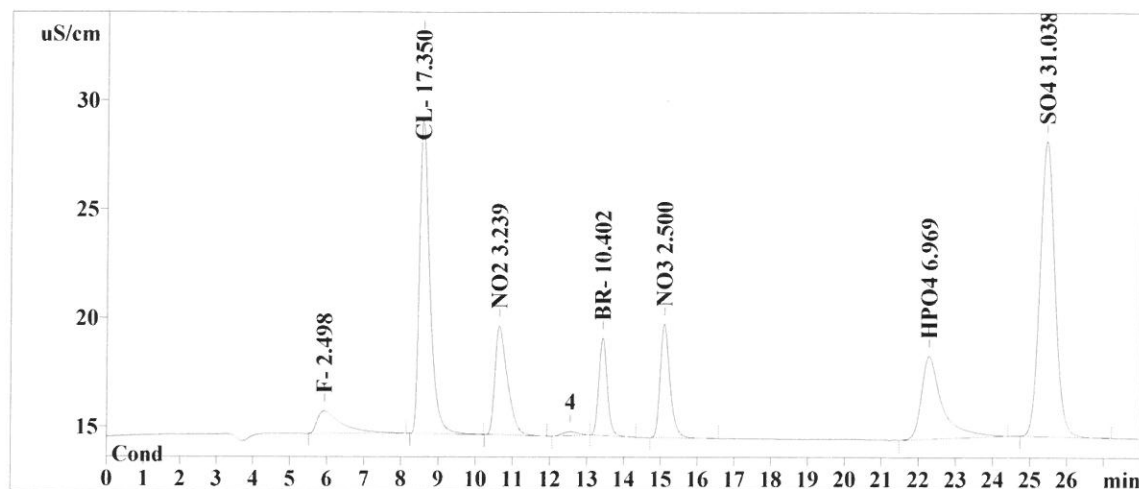
Ident: J3477-02MS
Analysis from: 6/13/2018 5:45:27 PM
File: _2018-06-13_

Last save: 6/13/2018 6:13:16 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62618

Last save: 6/12/2018 6:01:04 PM

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.93	0.628	1.04	2.18	47.643	4.14	0.
2	8.57	0.280	14.50	30.32	279.292	24.29	0.
3	10.64	0.354	5.00	10.45	116.708	10.15	0.
4	13.42	0.241	4.48	9.37	71.240	6.20	0.
5	15.09	0.275	5.22	10.92	96.719	8.41	0.
6	22.28	0.506	3.81	7.98	148.800	12.94	0.
7	25.44	0.428	13.57	28.39	383.998	33.40	0.
7	28.00	0.388	47.62	99.62	1144.401	99.54	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:10:35 AM
Printed by: wet

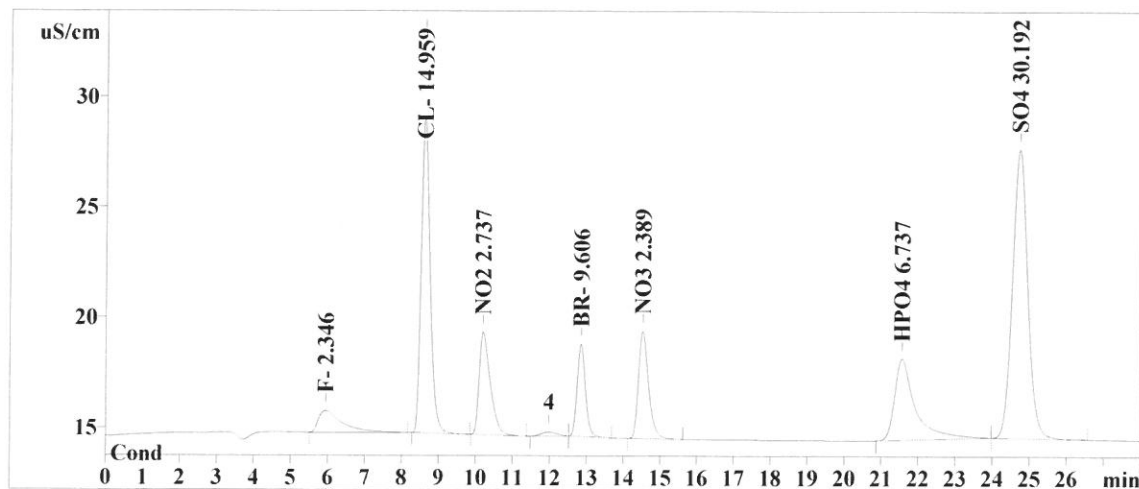
Ident: J3477-03MSD
Analysis from: 6/13/2018 6:16:22 PM
File: _2018-06-13_

Last save: 6/14/2018 10:10:32 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62619

Last save: 6/12/2018 6:01:04 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	5.94	0.619	0.99	2.15	44.509	4.19	0.
2	8.60	0.252	14.34	31.19	240.483	22.62	0.
3	10.20	0.316	4.66	10.13	97.613	9.18	0.
4	12.85	0.238	4.17	9.07	65.539	6.17	0.
5	14.52	0.282	4.86	10.57	92.247	8.68	0.
6	21.56	0.498	3.68	8.00	143.991	13.55	0.
7	24.71	0.431	13.09	28.47	373.274	35.12	0.
7	28.00	0.377	45.79	99.59	1057.657	99.50	0.

This report has been created by IC Net
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Report date: 6/14/2018 10:11:53 AM
Printed by: wet

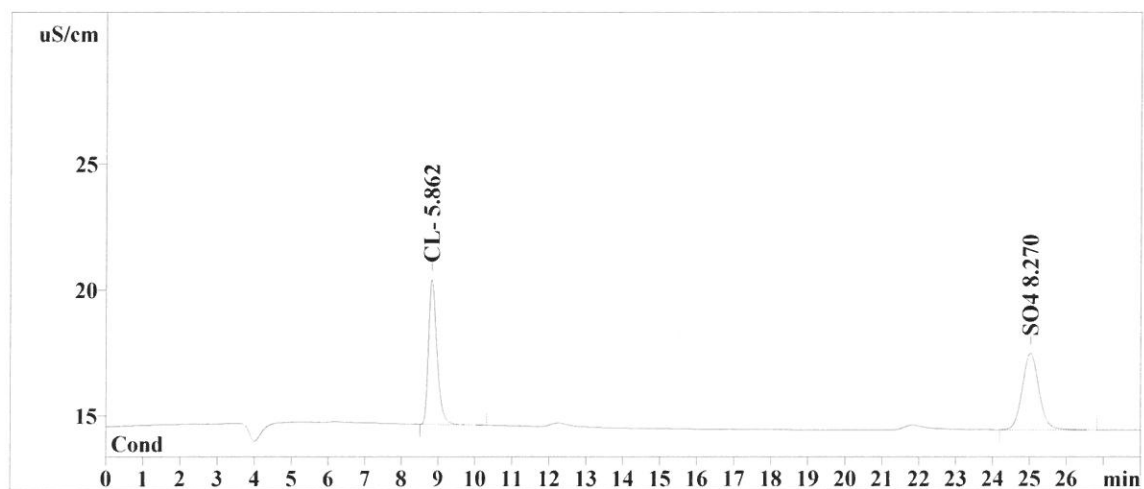
Ident: J3477-01DLX2
Analysis from: 6/13/2018 6:47:17 PM
File: _2018-06-13_

Last save: 6/14/2018 10:11:52 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62620

Last save: 6/12/2018 6:01:04 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	8.83	0.242	5.74	65.42	92.868	49.35	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.02	0.476	3.03	34.58	95.300	50.65	0.
7	28.00	0.102	8.77	99.99	188.168	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:13:59 AM
Printed by: wet

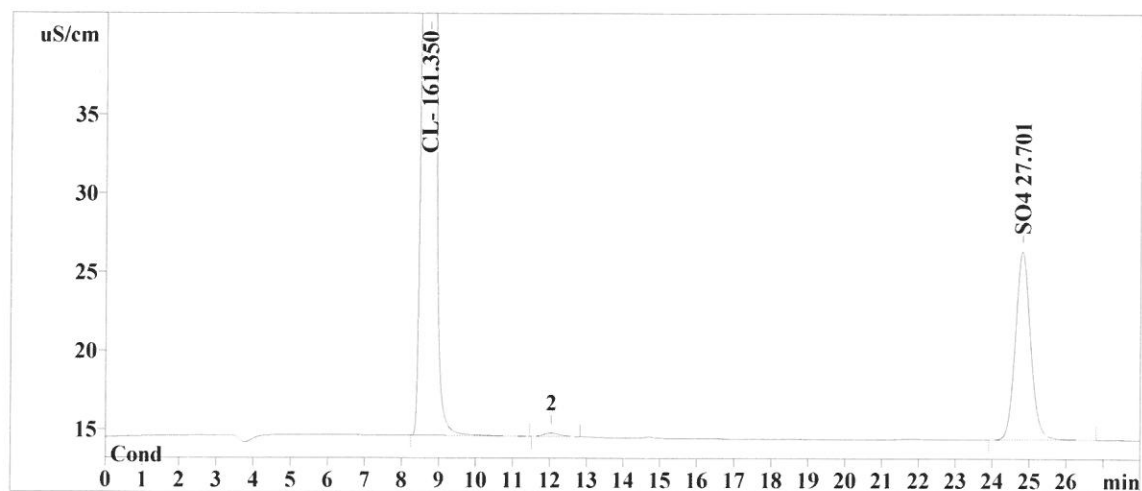
Ident: J3477-06DLX2
Analysis from: 6/13/2018 7:18:11 PM
File: _2018-06-13_

Last save: 6/14/2018 10:13:58 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62621

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.73	0.252	160.86	92.96	2616.047	88.23	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	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	24.80	0.430	11.94	6.90	341.685	11.52	0.
7	28.00	0.097	172.80	99.86	2957.732	99.75	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:15:19 AM
Printed by: wet

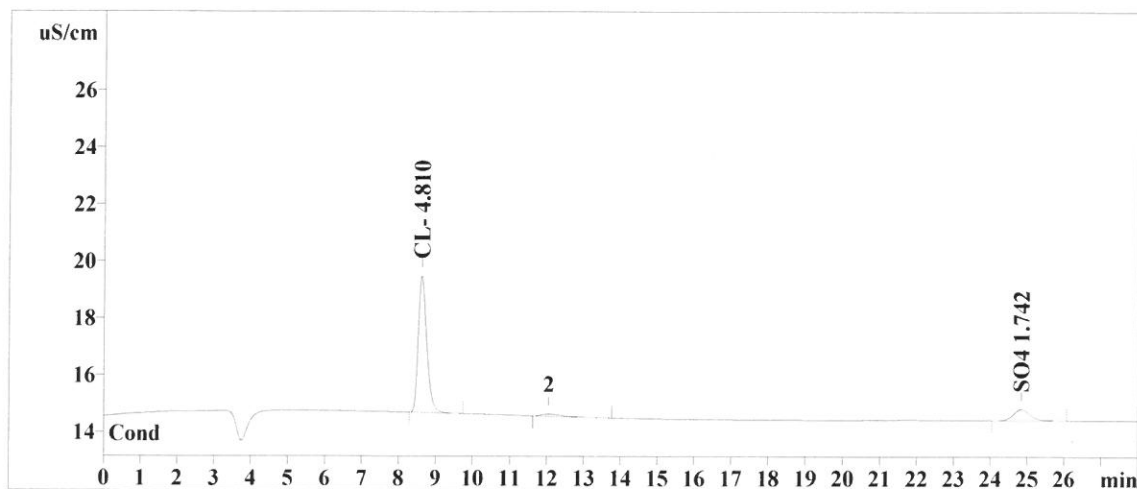
Ident: J3477-06DL2X50
Analysis from: 6/13/2018 7:49:06 PM
File: _2018-06-13_

Last save: 6/13/2018 8:16:56 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62622

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.61	0.237	4.78	90.87	75.799	82.88	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.84	0.478	0.40	7.55	12.529	13.70	0.
7	28.00	0.102	5.18	98.42	88.328	96.58	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:16:13 AM
Printed by: wet

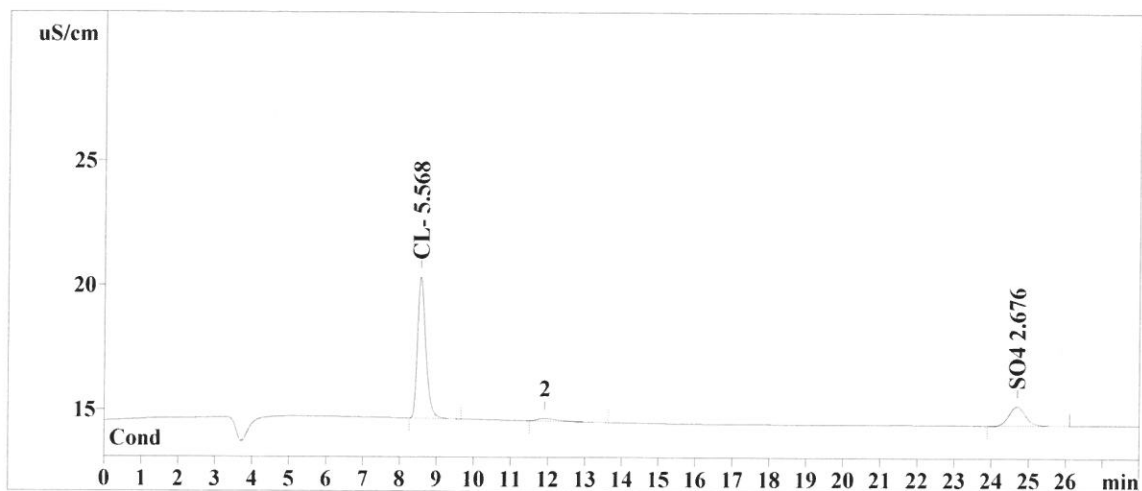
Ident: J3477-04DLX10
Analysis from: 6/13/2018 8:20:01 PM
File: _2018-06-13_

Last save: 6/13/2018 8:47:50 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62623

Last save: 6/12/2018 6:01:04 PM

SAMPLE:
: AK/AP
Vial number: 20
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.56	0.232	5.67	86.56	88.093	75.59	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	24.69	0.475	0.78	11.84	24.372	20.91	0.
7	28.00	0.101	6.44	98.40	112.465	96.50	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:17:59 AM
Printed by: wet

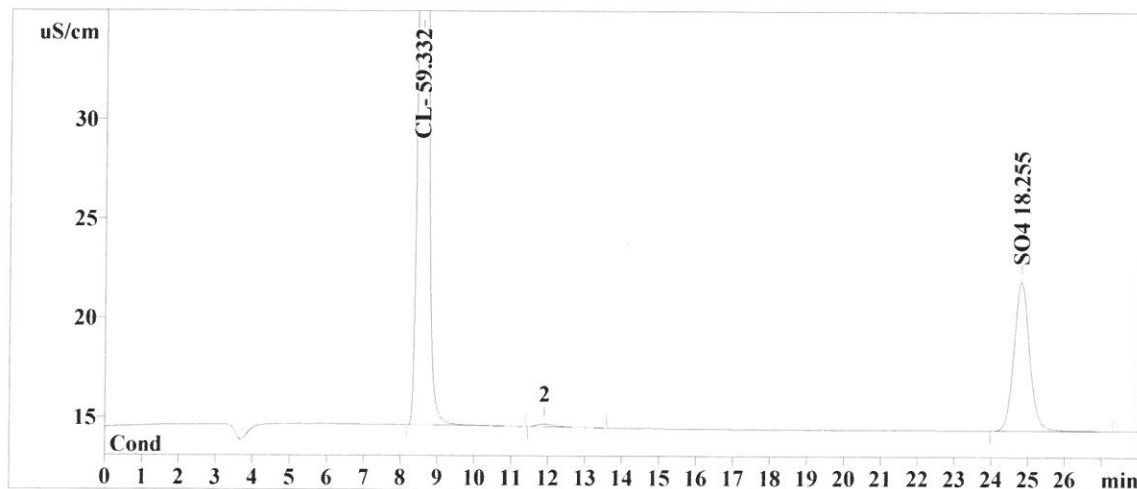
Ident: J3477-07DLX5
Analysis from: 6/13/2018 8:50:56 PM
File: _2018-06-13_

Last save: 6/13/2018 9:18:44 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62624

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.56	0.224	64.31	89.39	960.552	80.85	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.81	0.445	7.49	10.41	221.907	18.68	0.
7	28.00	0.096	71.80	99.80	1182.458	99.52	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:19:08 AM
Printed by: wet

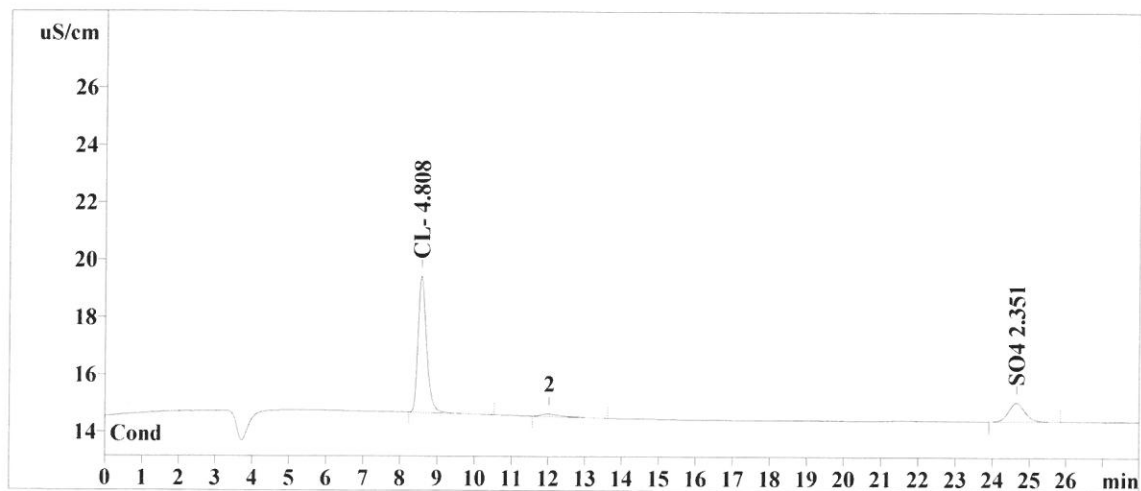
Ident: J3477-07DL2X50
Analysis from: 6/13/2018 9:21:51 PM
File: _2018-06-13_

Last save: 6/13/2018 9:49:40 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62625

Last save: 6/12/2018 6:01:04 PM

SAMPLE:
: AK/AP
Vial number: 22
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.56	0.237	4.75	86.47	75.757	76.13	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.65	0.470	0.65	11.89	20.242	20.34	0.
7	28.00	0.101	5.40	98.36	95.999	96.47	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:20:29 AM
Printed by: wet

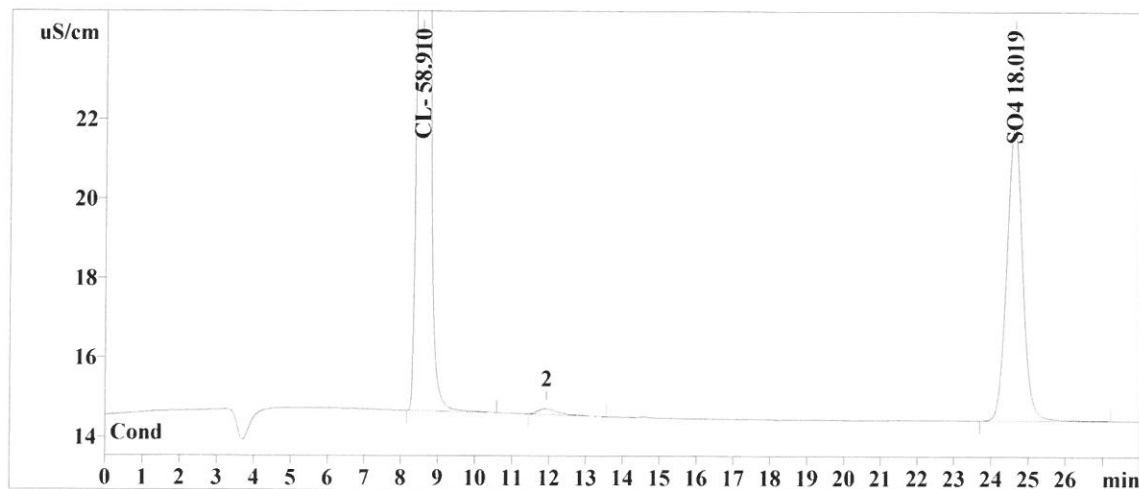
Ident: J3477-08DLX5
Analysis from: 6/13/2018 9:52:46 PM
File: _2018-06-13_

Last save: 6/13/2018 10:20:34 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62626

Last save: 6/12/2018 6:01:04 PM

SAMPLE:
: AK/AP
Vial number: 23
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.55	0.223	64.35	89.44	953.709	80.92	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	24.60	0.440	7.45	10.35	218.918	18.58	0.
7	28.00	0.095	71.80	99.79	1172.627	99.50	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:21:15 AM
Printed by: wet

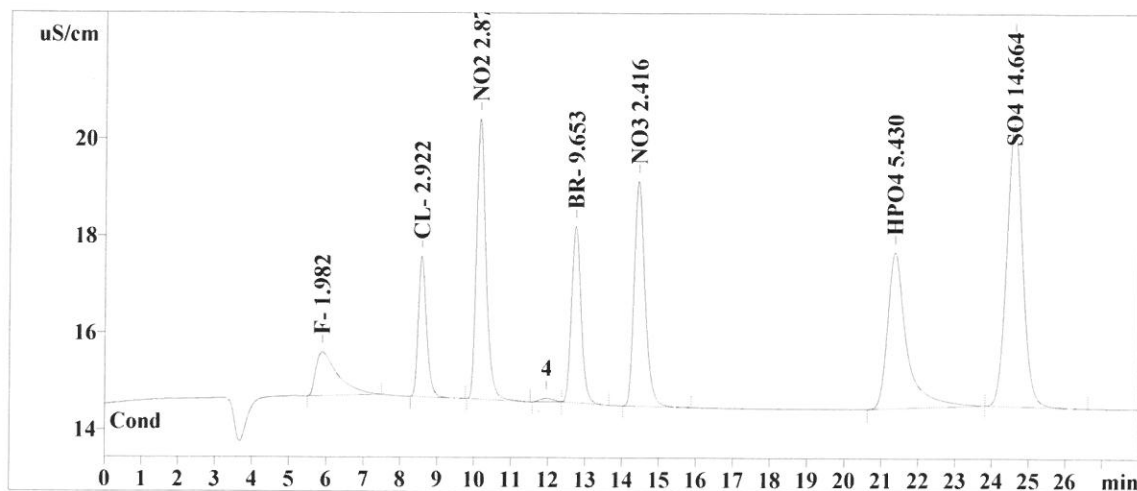
Ident: CCV
Analysis from: 6/13/2018 10:23:41 PM
File: _2018-06-13_

Last save: 6/14/2018 10:21:10 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62627

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.89	0.591	0.90	3.34	36.992	5.79	0.
2	8.56	0.233	2.89	10.74	45.155	7.06	0.
3	10.14	0.264	5.78	21.45	102.922	16.10	0.
4	12.74	0.277	3.63	13.47	65.872	10.30	0.
5	14.43	0.300	4.63	17.17	93.335	14.60	0.
6	21.35	0.478	3.22	11.93	116.961	18.29	0.
7	24.59	0.458	5.83	21.63	176.381	27.59	0.
7	28.00	0.372	26.88	99.73	637.618	99.72	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:21:45 AM
Printed by: wet

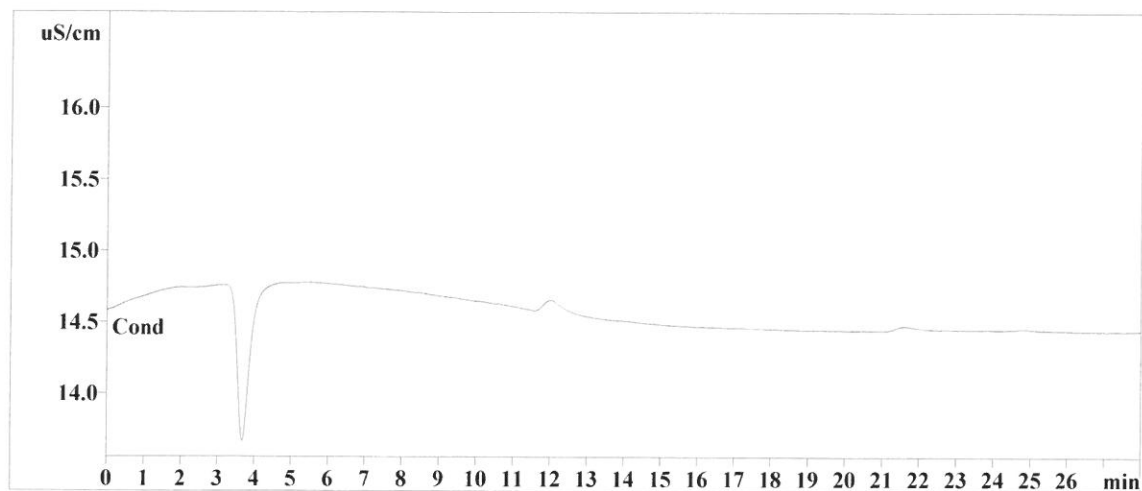
Ident: CCB
Analysis from: 6/13/2018 10:54:36 PM
File: _2018-06-13_

Last save: 6/14/2018 10:21:46 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62628

Last save: 6/12/2018 6:01:04 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: 6/14/2018 10:22:45 AM
Printed by: wet

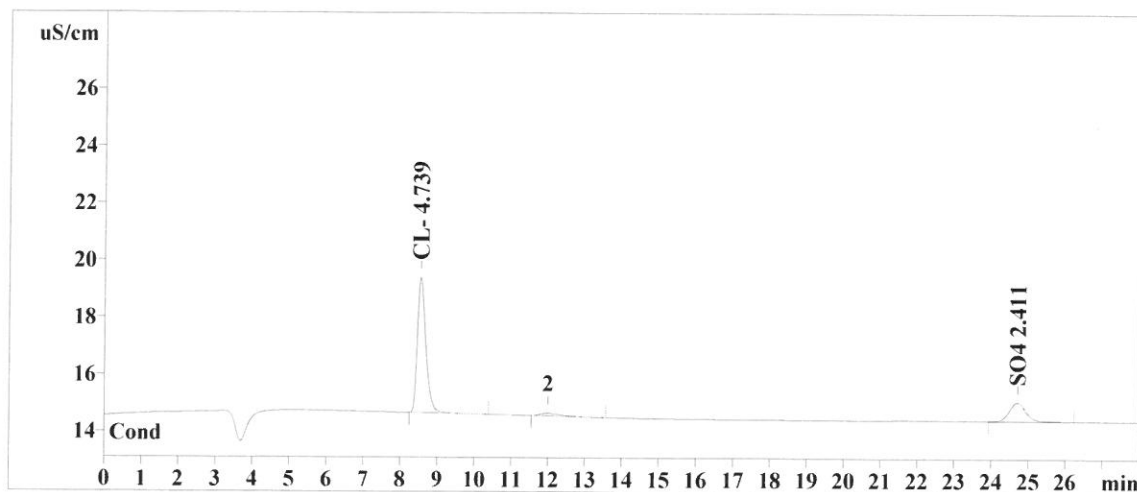
Ident: J3477-08DL2X50
Analysis from: 6/13/2018 11:25:30 PM
File: _2018-06-13_

Last save: 6/13/2018 11:53:20 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62629

Last save: 6/12/2018 6:01:04 PM

SAMPLE:
: AK/AP
Vial number: 24
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.54	0.234	4.74	86.13	74.646	74.98	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	24.70	0.475	0.66	12.04	21.007	21.10	0.
7	28.00	0.101	5.40	98.17	95.653	96.08	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:23:38 AM
Printed by: wet

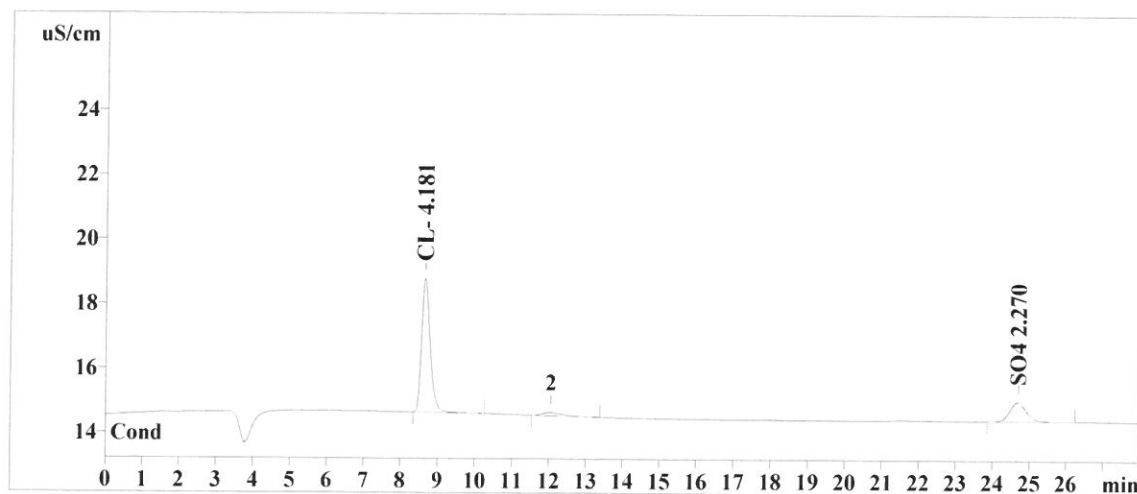
Ident: J3477-09DLX10
Analysis from: 6/13/2018 11:56:25 PM
File: _2018-06-13_

Last save: 6/14/2018 12:24:14 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62630

Last save: 6/12/2018 6:01:04 PM

SAMPLE:
: AK/AP
Vial number: 25
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.65	0.235	4.14	85.38	65.591	73.84	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	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	24.69	0.482	0.60	12.40	19.223	21.64	0.
7	28.00	0.102	4.74	97.77	84.813	95.48	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:25:02 AM
Printed by: wet

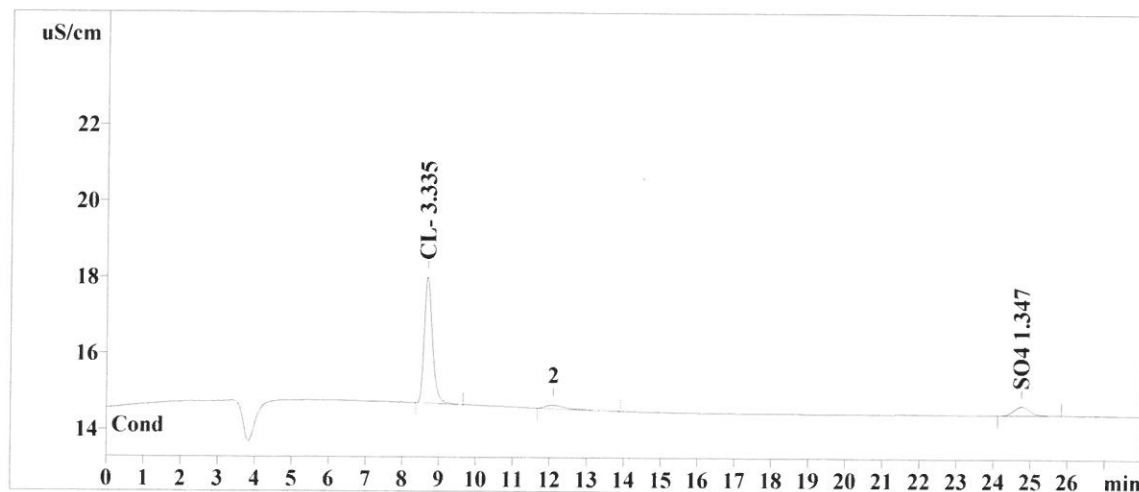
Ident: J3477-10DLX50
Analysis from: 6/14/2018 12:27:20 AM
File: _2018-06-14_

Last save: 6/14/2018 12:55:08 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62631

Last save: 6/12/2018 6:01:04 PM

SAMPLE:
: AK/AP
Vial number: 26
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.68	0.235	3.31	90.79	51.858	82.14	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	24.76	0.479	0.24	6.53	7.514	11.90	0.
7	28.00	0.102	3.54	97.32	59.373	94.04	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:25:16 AM
Printed by: wet

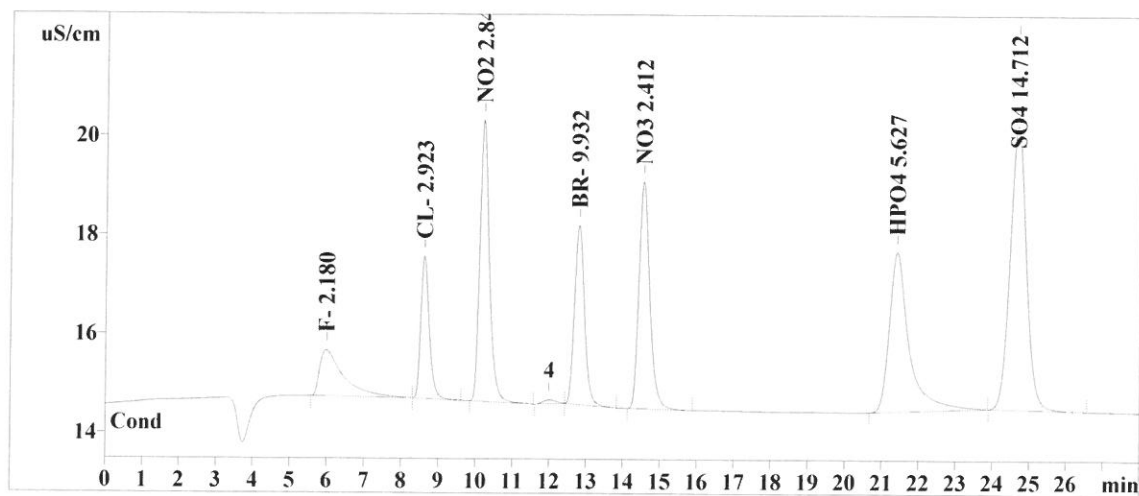
Ident: CCV
Analysis from: 6/14/2018 12:58:15 AM
File: _2018-06-14_

Last save: 6/14/2018 9:19:36 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62632

Last save: 6/12/2018 6:01:04 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.98	0.601	0.93	3.48	41.074	6.33	0.
2	8.60	0.235	2.87	10.76	45.169	6.96	0.
3	10.18	0.265	5.68	21.26	101.565	15.65	0.
4	12.79	0.287	3.61	13.51	67.870	10.46	0.
5	14.53	0.303	4.59	17.17	93.179	14.36	0.
6	21.40	0.496	3.22	12.06	121.039	18.66	0.
7	24.66	0.468	5.73	21.46	176.988	27.28	0.
7	28.00	0.379	26.63	99.71	646.883	99.70	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/14/2018 10:25:38 AM
Printed by: wet

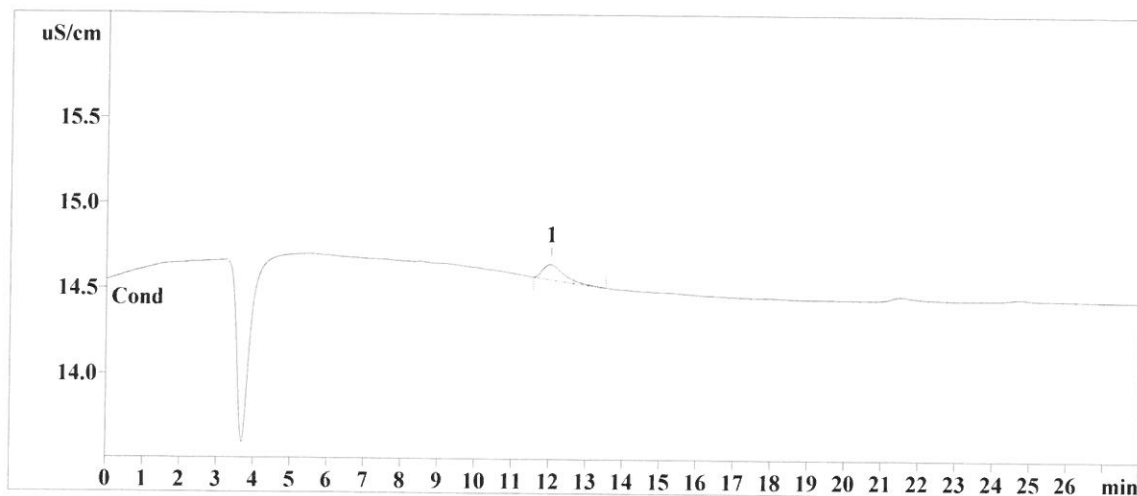
Ident: CCB
Analysis from: 6/14/2018 1:29:10 AM
File: _2018-06-14_

Last save: 6/14/2018 1:56:58 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62633

Last save: 6/12/2018 6:01:04 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	28.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
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