

Clear table

IC-1 300.0
10-23-18 AB

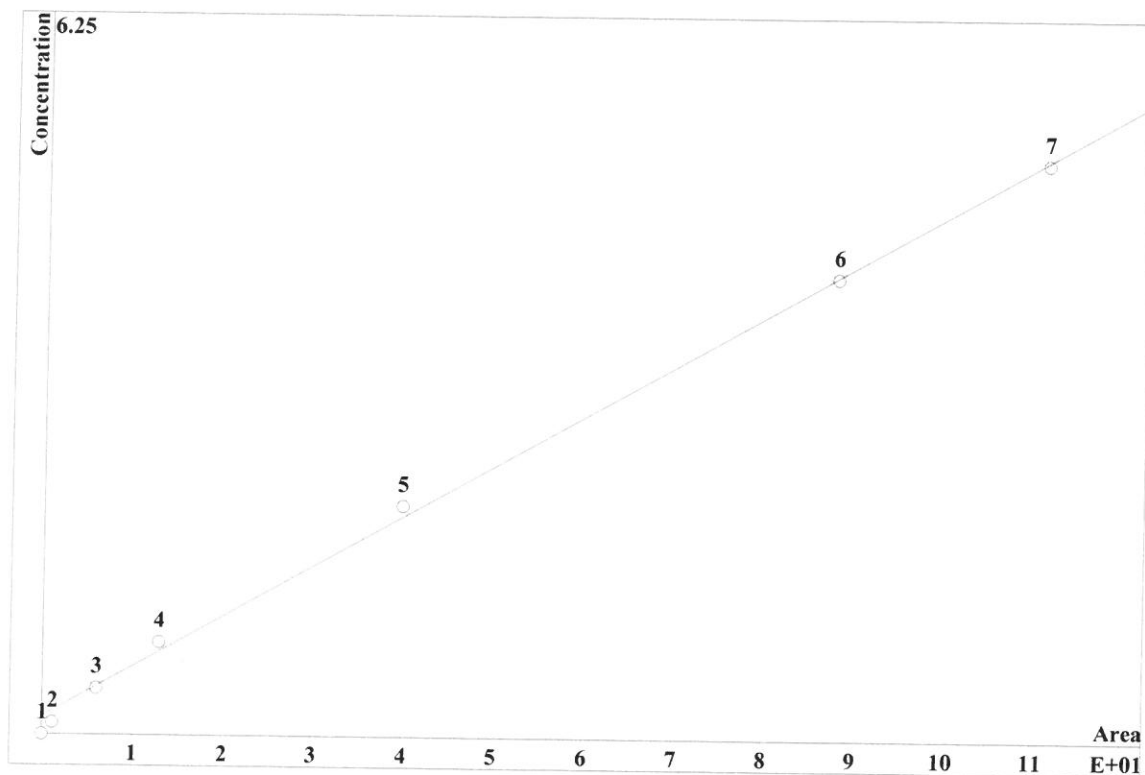
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-09	10/9/18 13:09		AK/AP
STD2	0.2080	0.2410	0.2380	0.7970	0.2010	0.1680	1.3510	2018-10-09	10/9/18 13:39		AK/AP
STD3	0.4200	0.6230	0.6270	2.0440	0.5130	1.0010	3.2010	2018-10-09	10/9/18 14:09		AK/AP
STD4	0.7230	1.2210	1.2240	4.0640	1.0100	2.1590	6.0420	2018-10-09	10/9/18 14:39		AK/AP
STD5	1.9050	2.8150	2.7940	9.3800	2.3560	4.8930	13.7910	2018-10-09	10/9/18 15:09		AK/AP
STD6	4.0140	5.9540	5.9940	20.0350	4.9800	10.0720	29.8690	2018-10-09	10/9/18 15:39		AK/AP
STD7	5.0290	7.5970	7.5720	25.1790	6.3140	12.4580	37.9970	2018-10-09	10/9/18 16:09		AK/AP
ICV	2.0790	3.0350	2.9690	9.9510	2.4550	5.4830	14.6680	2018-10-09	10/9/18 16:40		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-09	10/9/18 17:10		AK/AP
CCV	2.0720	2.9340	2.9250	9.9240	2.4050	7.1570	16.2630	2018-10-19	10/19/18 12:55		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-19	10/19/18 13:25		AK/AP
LB98781BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-19	10/19/18 13:55		AK/AP
LB98781BSW	2.1080	2.9320	2.9310	9.8300	2.4190	7.2370	16.2440	2018-10-19	10/19/18 14:25		AK/AP
J5603-01	0.0000	3644.7700	0.0000	7.3500	0.0000	1.2740	100.3700	2018-10-19	10/19/18 15:48		AK/AP
J5603-02	0.0000	1591.0100	0.0000	2.7790	0.0000	1.1950	39.1000	2018-10-19	10/19/18 16:18		AK/AP
J5603-03	0.0000	10487.7390	0.0000	24.5300	0.0000	0.0000	1143.1980	2018-10-19	10/19/18 16:48		AK/AP
J5603-04	0.0000	1011.5840	0.0000	0.0000	0.0000	0.0000	2.2760	2018-10-19	10/19/18 17:17		AK/AP
J5603-05	0.0000	4.3050	0.0000	0.0000	0.6230	0.0000	16.8360	2018-10-19	10/19/18 17:47		AK/AP
J5603-07	0.0000	6.0020	0.0000	0.0000	1.8440	0.0000	8.3720	2018-10-19	10/19/18 18:17		AK/AP
J5603-08	0.0000	85.4150	0.0000	0.0000	5.0030	0.0000	21.5860	2018-10-19	10/19/18 18:47		AK/AP
J5603-10	0.0000	31.1750	0.0000	0.0000	0.5860	0.0000	10.2560	2018-10-19	10/19/18 19:17		AK/AP
CCV	2.0610	2.9520	2.9440	9.9320	2.4260	7.4120	16.4760	2018-10-19	10/19/18 19:47		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-19	10/19/18 20:17		AK/AP
J5603-11	0.0000	426.3220	0.0000	0.0000	5.0510	0.0000	89.8480	2018-10-19	10/19/18 20:47		AK/AP
J5603-12	0.0000	18573.9960	0.0000	47.3160	0.0000	0.0000	2178.6370	2018-10-19	10/19/18 21:17		AK/AP
J5603-13	0.0000	4028.3690	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-19	10/19/18 21:47		AK/AP
J5603-14	0.0000	15028.9860	0.0000	40.1710	0.4510	0.0000	1776.8230	2018-10-19	10/19/18 22:17		AK/AP
J5603-15	0.0000	893.2310	0.0000	2.1610	0.8090	0.0000	419.2110	2018-10-19	10/19/18 22:47		AK/AP
J5603-15DUP	0.0000	897.2740	0.0000	2.1420	0.8040	0.0000	420.2530	2018-10-19	10/19/18 23:16		AK/AP
J5603-16	0.0000	1324.9560	0.0000	0.0000	0.0000	0.0000	1.6650	2018-10-19	10/19/18 23:46		AK/AP
J5603-11DUP	0.0000	446.7620	0.0000	0.0000	5.2290	0.0000	91.6830	2018-10-20	10/20/18 0:16		AK/AP
J5603-11MS	2.7220	393.7910	2.8010	10.3680	7.5080	8.8800	101.0640	2018-10-20	10/20/18 0:46		AK/AP
J5603-11MSD	2.8640	402.3200	2.8070	10.4210	7.5590	9.2380	102.3930	2018-10-20	10/20/18 1:16		AK/AP
CCV	2.0920	3.0150	2.9580	9.9470	2.4590	7.4950	16.4810	2018-10-20	10/20/18 2:46		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-20	10/20/18 3:16		AK/AP

CCV	2.0970	3.0510	3.0200	10.1330	2.4830	6.6480	14.9720	2018-10-20_	10/20/18 8:23	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-20_	10/20/18 8:53	AK/AP
LB98781BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-20_	10/20/18 9:23	AK/AP
LB98781BSW2	1.9890	2.8580	2.8170	9.3860	2.3290	7.0320	14.0800	2018-10-20_	10/20/18 9:53	AK/AP
J5603-01DLX5	0.0000	715.4420	0.0000	1.6440	0.0000	0.1630	17.9280	2018-10-20_	10/20/18 10:23	AK/AP
J5603-02DLX2	0.0000	796.5510	0.0000	1.5900	0.0000	0.5130	19.2110	2018-10-20_	10/20/18 12:22	AK/AP
J5603-03DLX50	0.0000	198.9150	0.0000	0.8220	0.0000	0.0000	17.2210	2018-10-20_	10/20/18 12:52	AK/AP
J5603-11DLX5	0.0000	77.2870	0.0000	0.0000	1.0070	0.0000	15.9910	2018-10-20_	10/20/18 13:22	AK/AP
J5603-12DLX100	0.0000	186.8340	0.0000	0.8090	0.0000	0.0000	19.5170	2018-10-20_	10/20/18 13:52	AK/AP
J5603-14DLX50	0.0000	300.6300	0.0000	1.0200	0.0000	0.0000	28.2140	2018-10-20_	10/20/18 14:22	AK/AP
J5603-15DLX20	0.0000	34.6940	0.0000	0.0000	0.0000	0.0000	15.7060	2018-10-20_	10/20/18 14:52	AK/AP
CCV	2.0260	3.0620	2.9880	10.0460	2.4900	6.9510	14.8500	2018-10-20_	10/20/18 15:22	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-20_	10/20/18 15:52	AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 0.875596 \cdot A + 3.16079$
 RSD: 4.082 %
 Correlation coefficient: 0.999320

IC-1 Cal
 10-9-18 AK

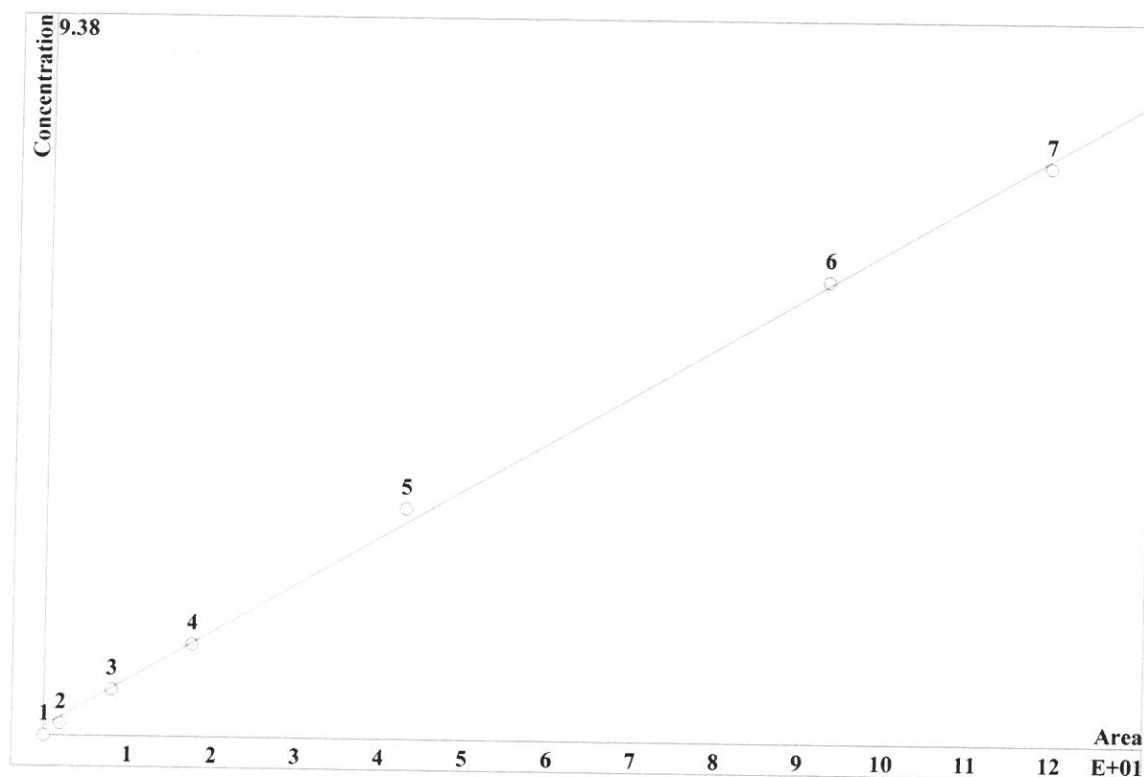


K3 = 0 K2 = 0 K1 = 0.875596 K0 = 3.16079
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	No	
2	0.02985	1.139	0.1	20	5.913	Yes	
3	0.1726	5.984	0.4	20	5.913	Yes	
4	0.4044	12.91	0.8	20	5.913	Yes	
5	1.097	39.91	2	20	5.913	Yes	
6	2.433	88.08	4	20	5.913	Yes	
7	3.144	111.3	5	20	5.913	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 1.25459 \cdot A + 2.4076$
 RSD: 3.817 %
 Correlation coefficient: 0.999405



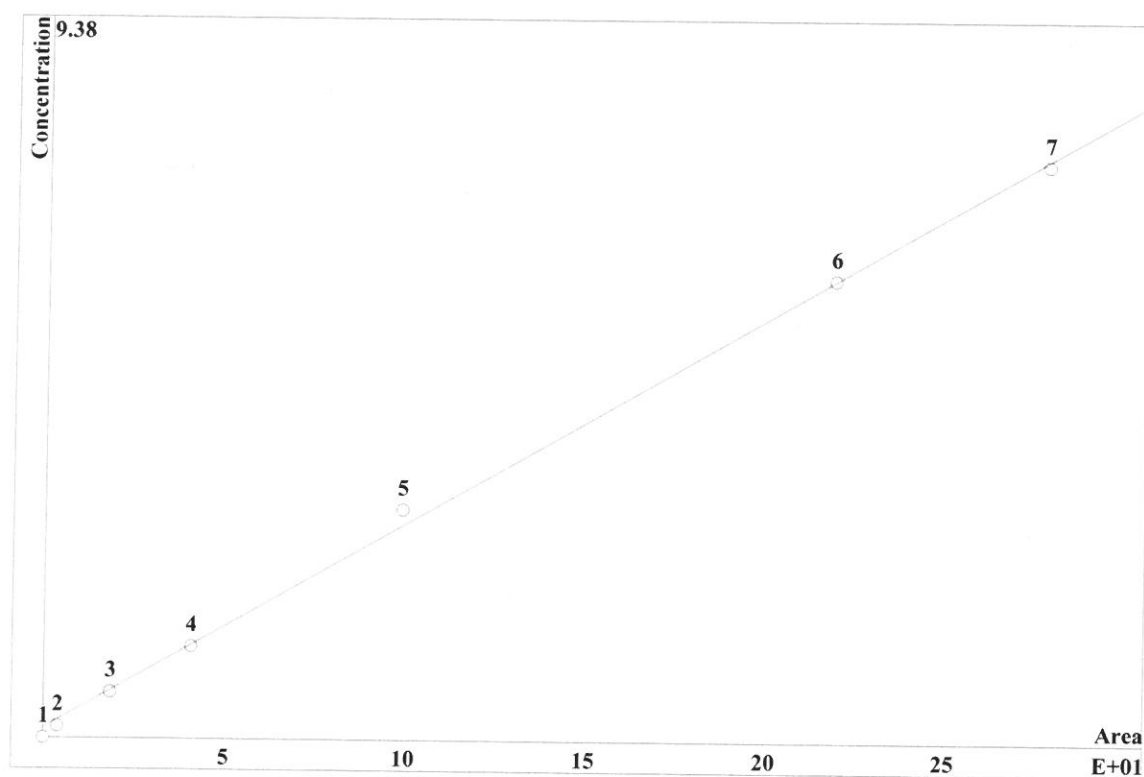
K3 = 0 K2 = 0 K1 = 1.25459 K0 = 2.4076

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	0.1178	1.923	0.15	20	8.858			Yes
3	0.4971	8.014	0.6	20	8.858			Yes
4	1.095	17.54	1.2	20	8.858			Yes
5	2.703	42.95	3	20	8.858			Yes
6	5.915	92.99	6	20	8.858			Yes
7	7.569	119.2	7.5	20	8.858			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 0.535758 \cdot A + 2.65017$
 RSD: 3.867 %
 Correlation coefficient: 0.999389



K3 = 0 K2 = 0 K1 = 0.535758 K0 = 2.65017

Base: Area

Ref.channel: Cond

ISTD:

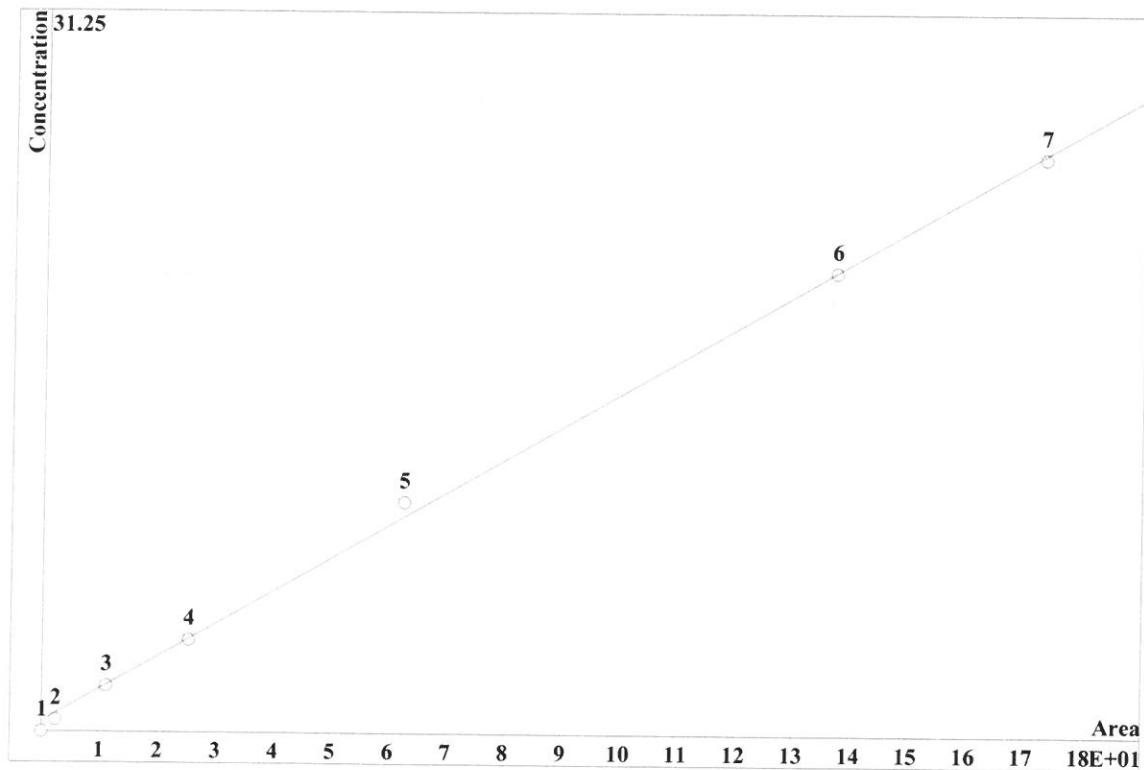
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2247	3.954	0.15	20	10.65	Yes	
3	1.002	18.48	0.6	20	10.65	Yes	
4	2.242	40.74	1.2	20	10.65	Yes	
5	5.542	99.37	3	20	10.65	Yes	
6	12	218.8	6	20	10.65	Yes	
7	15.19	277.7	7.5	20	10.65	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 2.85249 \cdot A + 9.13358$
 RSD: 3.491 %
 Correlation coefficient: 0.999502

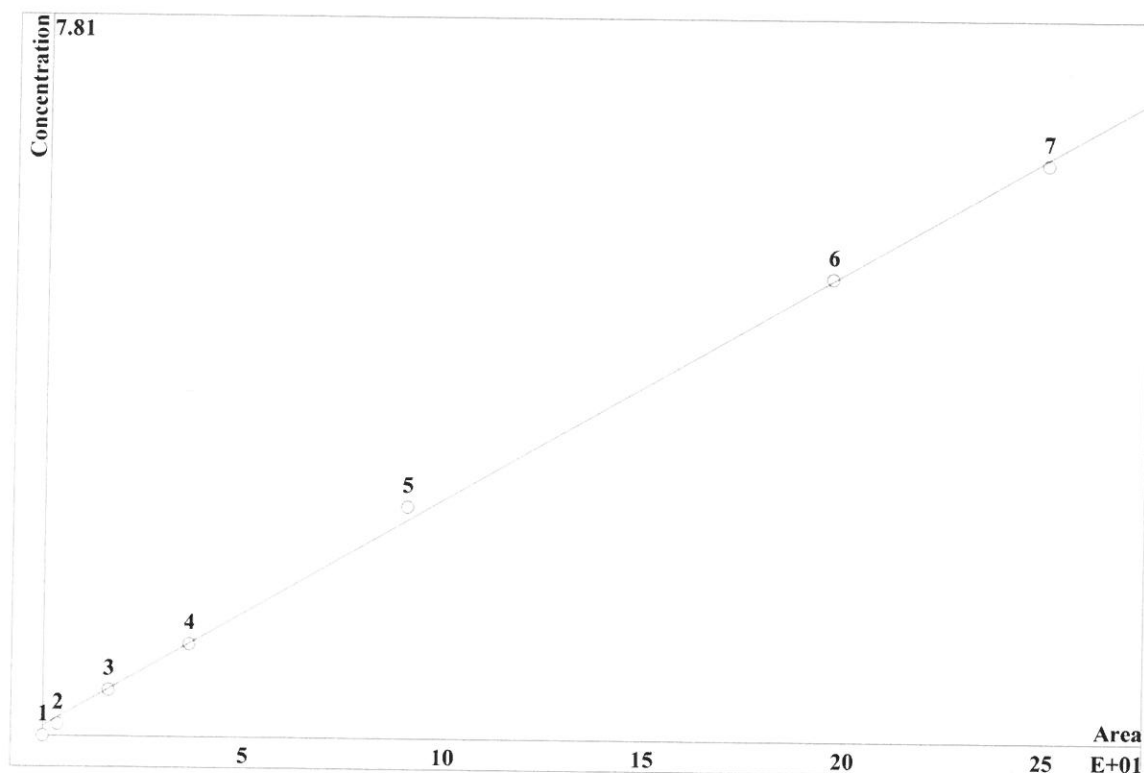


K3 = 0 K2 = 0 K1 = 2.85249 K0 = 9.13358
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1204	2.385	0.5	20	13.72			Yes
3	0.5487	11.13	2	20	13.72			Yes
4	1.23	25.3	4	20	13.72			Yes
5	3.007	62.56	10	20	13.72			Yes
6	6.261	137.3	20	20	13.72			Yes
7	7.728	173.3	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 0.496528 \cdot A + 2.17514$
 RSD: 3.454 %
 Correlation coefficient: 0.999513



K3 = 0 K2 = 0 K1 = 0.496528 K0 = 2.17514

Base: Area

Ref.channel: Cond

ISTD:

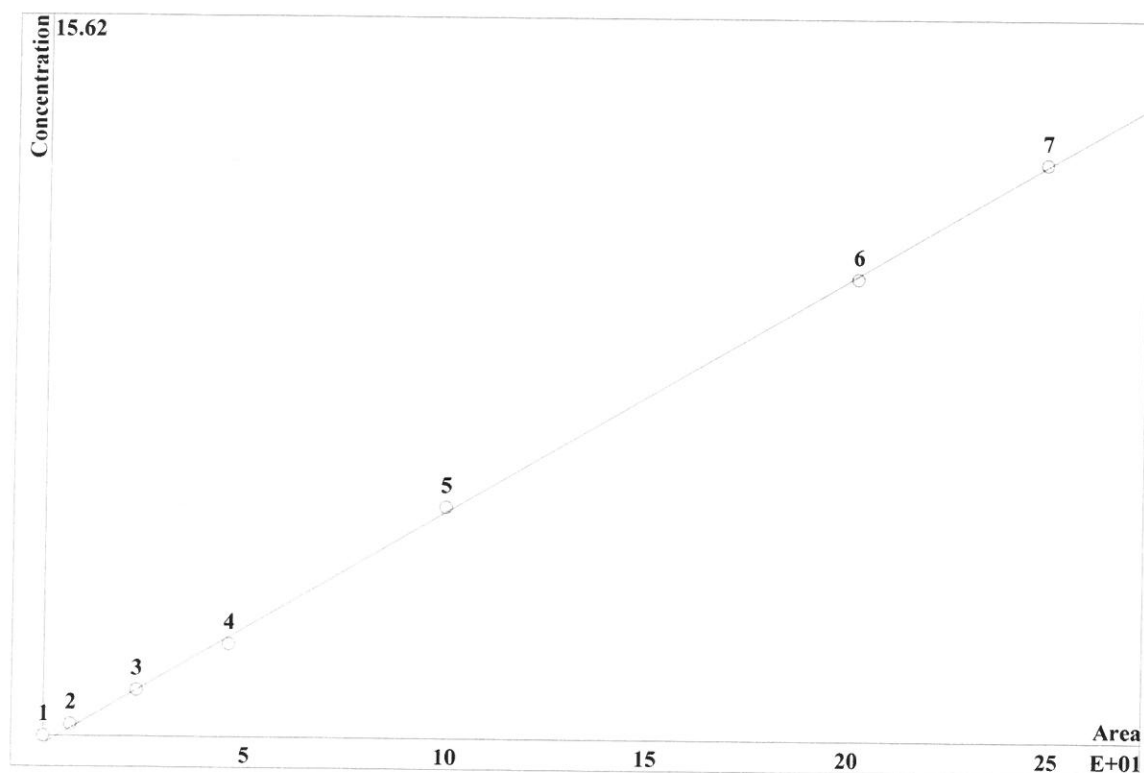
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.1638	3.72	0.125	20	15.65	Yes	
3	0.7232	16.29	0.5	20	15.65	Yes	
4	1.614	36.32	1	20	15.65	Yes	
5	4.071	90.51	2.5	20	15.65	Yes	
6	9.097	196.2	5	20	15.65	Yes	
7	11.71	250	6.25	20	15.65	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 1.01662 \cdot A - 3.55994$
 RSD: 2.191 %
 Correlation coefficient: 0.999804



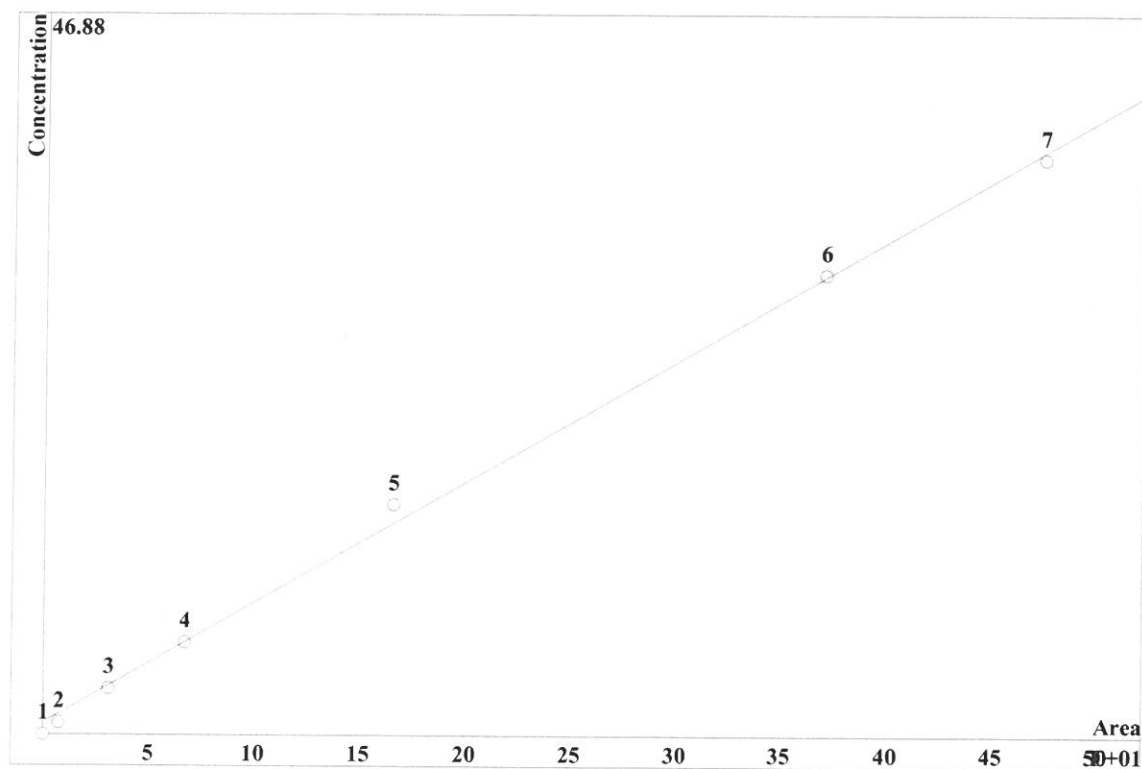
K3 = 0 K2 = 0 K1 = 1.01662 K0 = -3.55994

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	0.172	6.803	0.25	20	21.48			Yes
3	0.6244	23.19	1	20	21.48			Yes
4	1.294	45.98	2	20	21.48			Yes
5	2.948	99.76	5	20	21.48			Yes
6	6.158	201.6	10	20	21.48			Yes
7	7.796	248.6	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 1.57021 \cdot A + 15.2057$
 RSD: 4.746 %
 Correlation coefficient: 0.999080



K3 = 0 K2 = 0 K1 = 1.57021 K0 = 15.2057

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	0.2519	7.523	0.75	20	25.17			Yes
3	1.056	31.08	3	20	25.17			Yes
4	2.343	67.27	6	20	25.17			Yes
5	5.912	166	15	20	25.17			Yes
6	13.3	370.8	30	20	25.17			Yes
7	17.06	474.3	37.5	20	25.17			Yes

Report date: 10/10/2018 11:06:04 AM
Printed by: wet

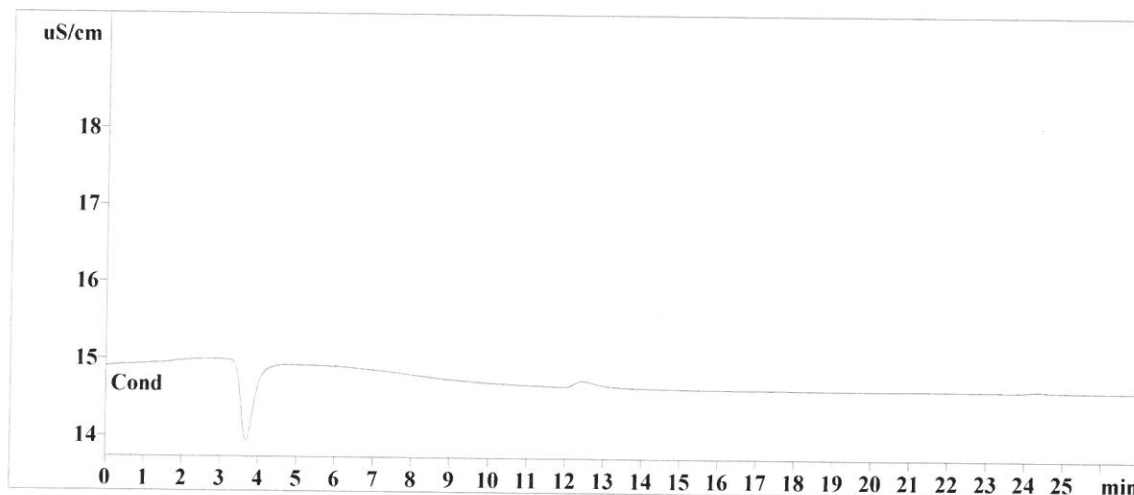
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Analysis from: 10/9/2018 1:09:43 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64423

Last save: 10/9/2018 12:19:12 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 10/9/2018 4:25:49 PM
Printed by: wet

Ident: STD2
Analysis from: 10/9/2018 1:39:39 PM
File: _2018-10-09_

Last save: 10/9/2018 2:06:28 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64424

Last save: 10/9/2018 1:36:32 PM

SAMPLE:

AK/AP

AK

10-10-18

Vial number:

3

Volume:

20.0 µL

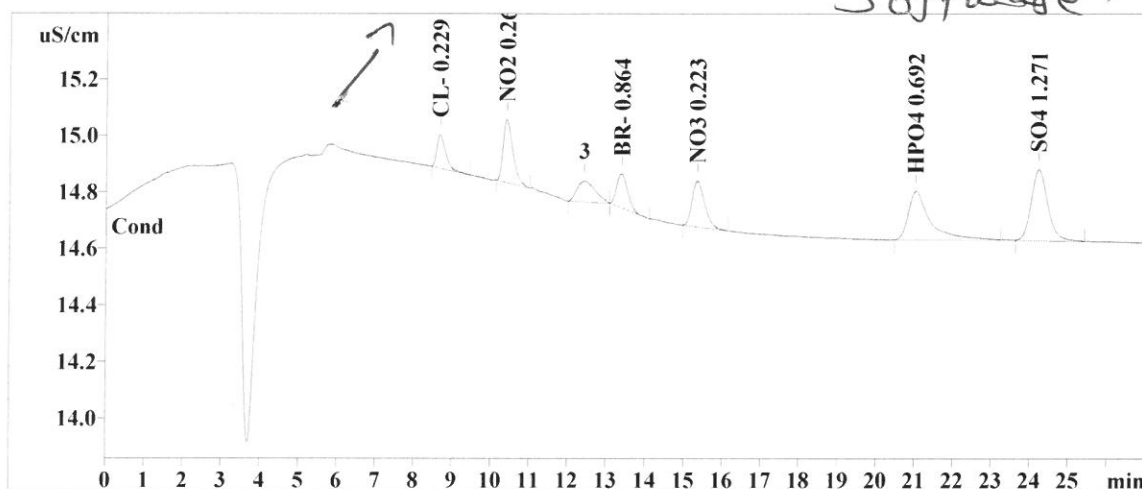
Dilution:

1.00

Amount:

1.0000

Before peak was not integrated by software.



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	8.66	0.243	0.12	10.45	1.923	6.69	0.
3	10.40	0.266	0.22	19.93	3.954	13.76	0.
4	13.37	0.311	0.12	10.67	2.385	8.30	0.
5	15.34	0.343	0.16	14.51	3.720	12.94	0.
6	21.02	0.505	0.17	15.26	6.803	23.66	0.
7	24.22	0.447	0.25	22.34	7.523	26.17	0.
7	27.00	0.302	1.05	93.15	26.308	91.51	0.

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METROHM LTD

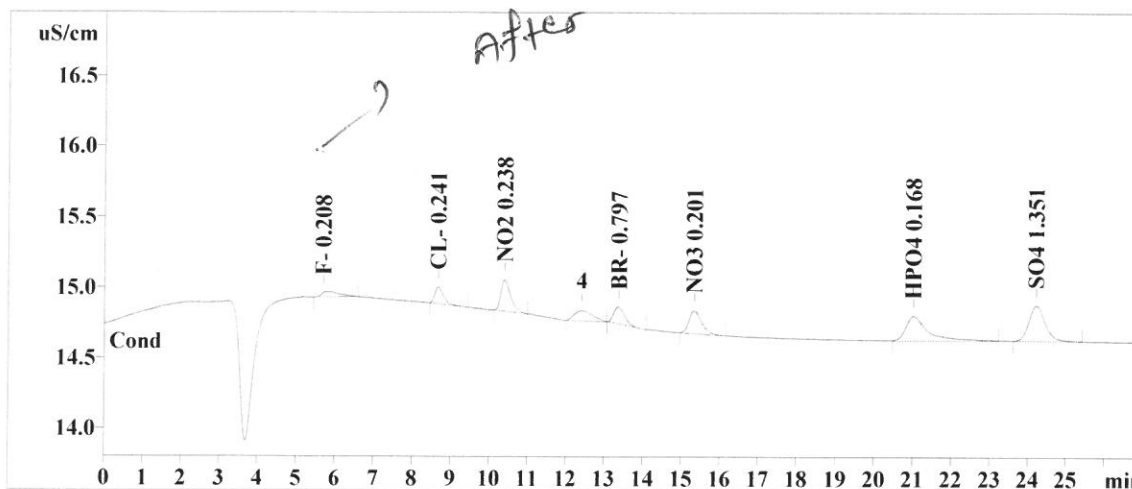
Report date: 10/10/2018 11:06:12 AM
Printed by: wet

Ident: STD2
Analysis from: 10/9/2018 1:39:39 PM
File: _2018-10-09_
Manual peaks!
Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64424

Last save: 10/9/2018 4:37:24 PM

Last save: 10/9/2018 12:19:12 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.570	0.03	2.59	1.139	3.81	0.
2	8.66	0.243	0.12	10.18	1.923	6.43	0.
3	10.40	0.266	0.22	19.41	3.954	13.23	0.
4	13.37	0.311	0.12	10.39	2.385	7.98	0.
5	15.34	0.343	0.16	14.14	3.720	12.45	0.
6	21.02	0.505	0.17	14.87	6.803	22.76	0.
7	24.22	0.447	0.25	21.76	7.523	25.17	0.
7	27.00	0.384	1.08	93.33	27.447	91.83	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/10/2018 11:06:19 AM
Printed by: wet

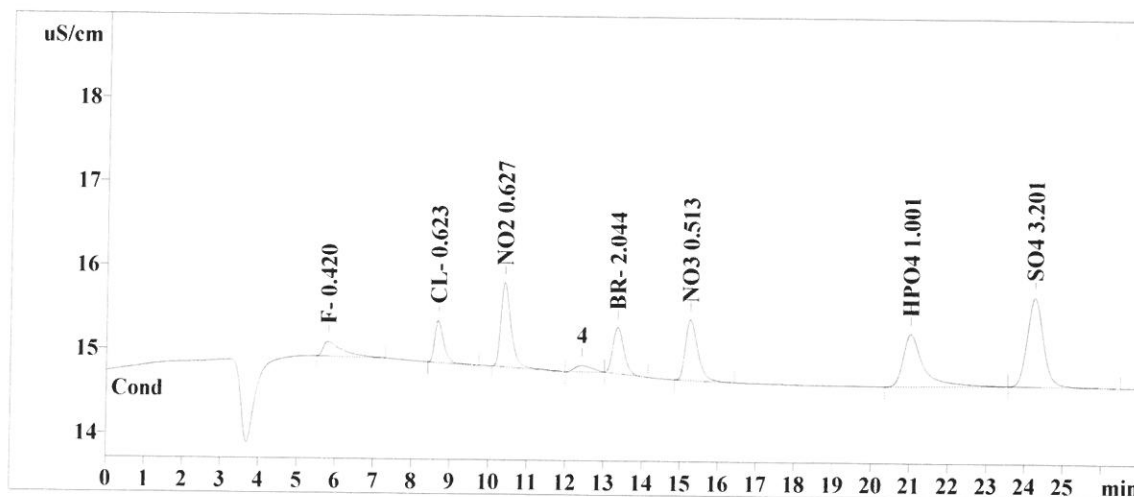
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Analysis from: 10/9/2018 2:09:34 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64425

Last save: 10/9/2018 12:19:12 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.509	0.17	3.66	5.984	5.14	0.
2	8.67	0.242	0.50	10.58	8.014	6.88	0.
3	10.40	0.266	1.00	21.32	18.477	15.86	0.
4	13.34	0.314	0.55	11.67	11.129	9.55	0.
5	15.26	0.336	0.72	15.37	16.286	13.98	0.
6	21.01	0.478	0.62	13.28	23.192	19.91	0.
7	24.24	0.440	1.06	22.46	31.084	26.68	0.
7	27.00	0.369	4.62	98.33	114.166	97.99	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/10/2018 11:06:28 AM
Printed by: wet

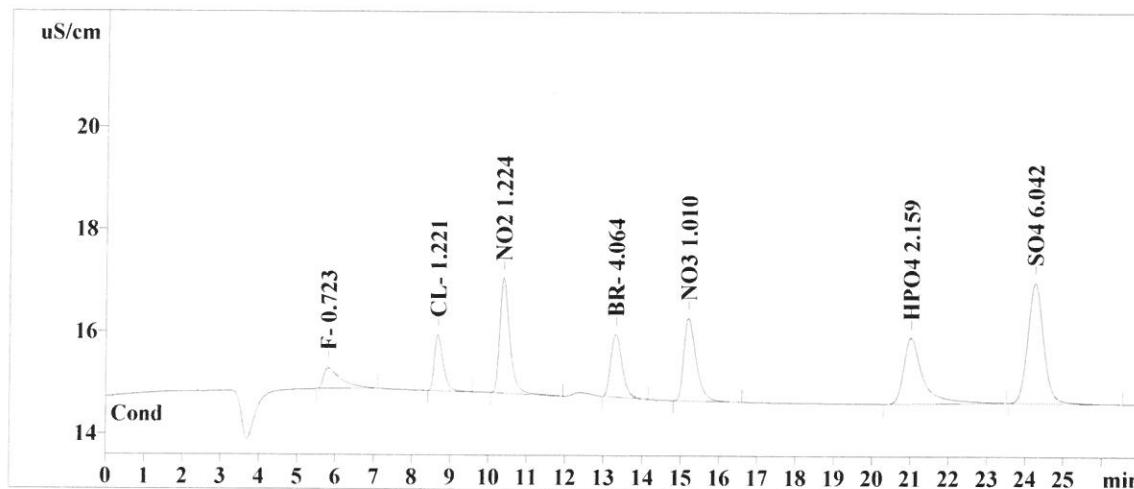
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Analysis from: 10/9/2018 2:39:29 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64426

Last save: 10/9/2018 12:19:12 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	5.81	0.448	0.40	3.95	12.910	5.25	0.
2	8.67	0.240	1.10	10.71	17.540	7.13	0.
3	10.39	0.265	2.24	21.93	40.744	16.56	0.
4	13.30	0.317	1.23	12.03	25.296	10.28	0.
5	15.20	0.336	1.61	15.79	36.320	14.76	0.
6	21.01	0.465	1.29	12.65	45.977	18.69	0.
7	24.25	0.431	2.34	22.91	67.272	27.34	0.
7	27.00	0.357	10.22	99.97	246.059	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/10/2018 11:06:37 AM
Printed by: wet

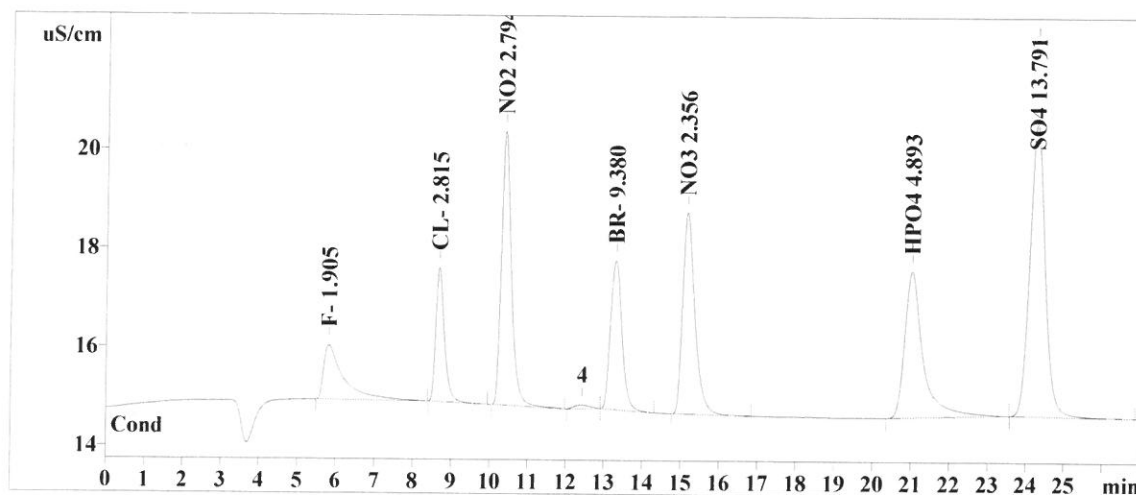
Ident: STD5
Analysis from: 10/9/2018 3:09:24 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64427

Last save: 10/9/2018 12:19:12 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.457	1.10	4.32	39.906	6.62	0.
2	8.67	0.237	2.70	10.66	42.952	7.12	0.
3	10.37	0.264	5.54	21.85	99.372	16.47	0.
4	13.29	0.321	3.01	11.86	62.564	10.37	0.
5	15.15	0.331	4.07	16.06	90.515	15.01	0.
6	21.01	0.446	2.95	11.63	99.764	16.54	0.
7	24.25	0.421	5.91	23.32	165.971	27.51	0.
7	27.00	0.354	25.28	99.69	601.044	99.64	0.

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Report date: 10/10/2018 11:06:45 AM
 Printed by: wet

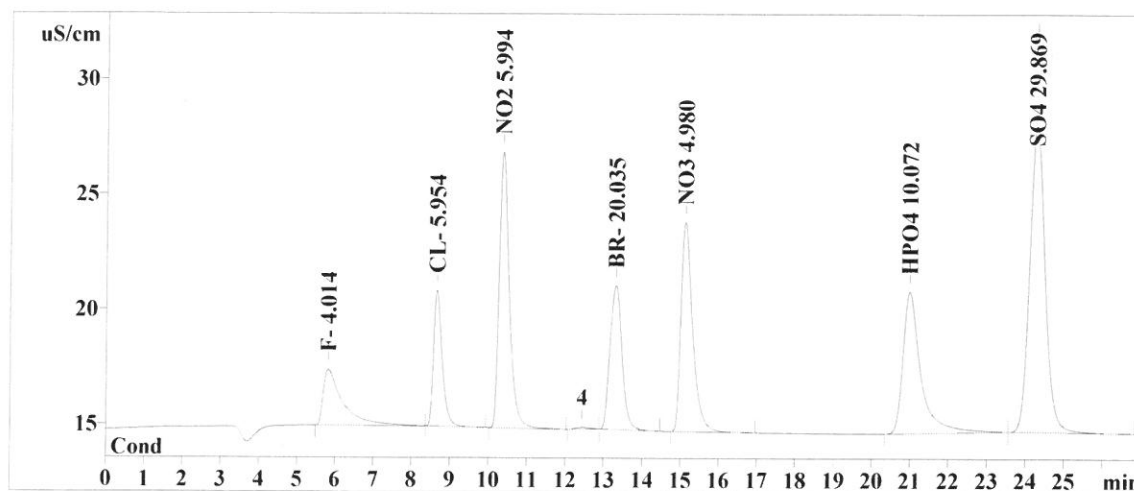
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 File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64428

Last save: 10/9/2018 12:19:12 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.464	2.43	4.40	88.085	6.73	0.
2	8.66	0.234	5.91	10.71	92.990	7.11	0.
3	10.36	0.269	12.00	21.72	218.810	16.73	0.
4	13.31	0.342	6.26	11.33	137.275	10.50	0.
5	15.11	0.319	9.10	16.47	196.223	15.00	0.
6	20.99	0.437	6.16	11.15	201.642	15.42	0.
7	24.27	0.418	13.30	24.08	370.755	28.35	0.
7	27.00	0.355	55.16	99.85	1305.779	99.84	0.

This report has been created by IC Net
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Report date: 10/10/2018 11:06:53 AM
Printed by: wet

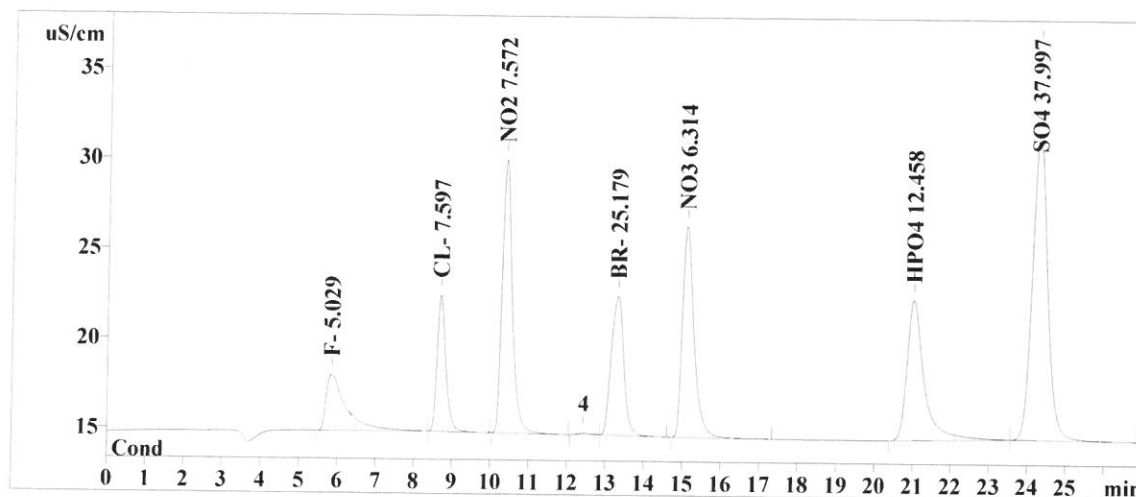
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Analysis from: 10/9/2018 4:09:14 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:36 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64429

Last save: 10/9/2018 4:37:34 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	5.84	0.458	3.14	4.47	111.269	6.72	0.
2	8.68	0.234	7.57	10.77	119.187	7.20	0.
3	10.37	0.270	15.19	21.61	277.707	16.77	0.
4	13.30	0.353	7.73	10.99	173.342	10.47	0.
5	15.09	0.316	11.71	16.67	249.952	15.09	0.
6	21.00	0.430	7.80	11.09	248.580	15.01	0.
7	24.26	0.418	17.06	24.28	474.293	28.63	0.
7	27.00	0.354	70.20	99.88	1654.330	99.88	0.

This report has been created by IC Net
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Report date: 10/10/2018 11:08:26 AM
Printed by: wet

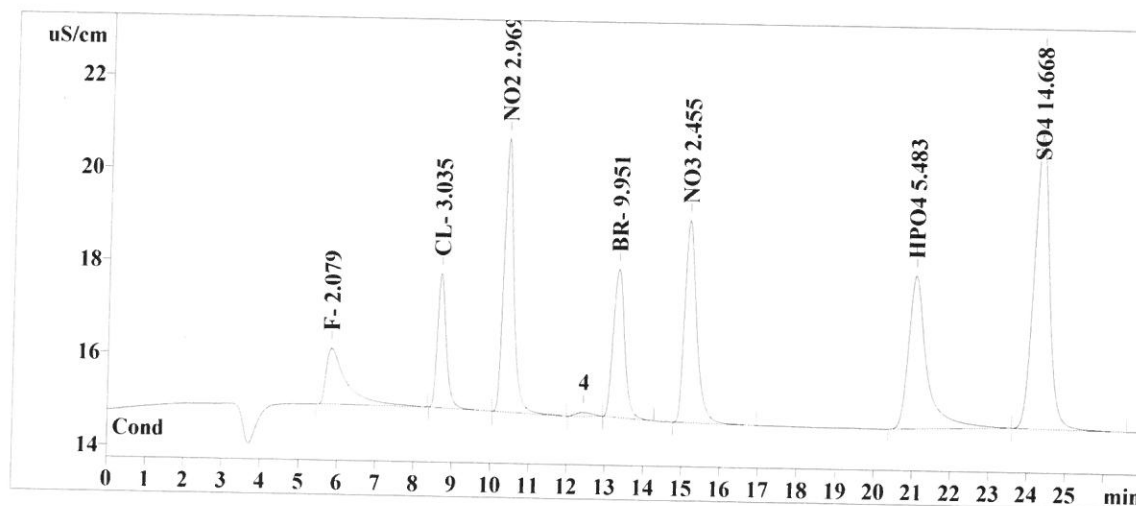
Ident: ICV
Analysis from: 10/9/2018 4:40:54 PM
File: _2018-10-09_

Last save: 10/9/2018 5:07:42 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64430

Last save: 10/9/2018 4:37:34 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	5.82	0.464	1.20	4.42	43.883	6.77	0.
2	8.66	0.241	2.88	10.58	46.456	7.17	0.
3	10.37	0.264	5.89	21.65	105.879	16.33	0.
4	13.30	0.324	3.18	11.70	66.570	10.27	0.
5	15.14	0.323	4.35	15.98	94.517	14.58	0.
6	21.04	0.447	3.29	12.08	111.370	17.18	0.
7	24.29	0.420	6.33	23.26	177.141	27.33	0.
7	27.00	0.355	27.12	99.69	645.815	99.63	0.

This report has been created by IC Net
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Report date: 10/10/2018 11:08:43 AM
Printed by: wet

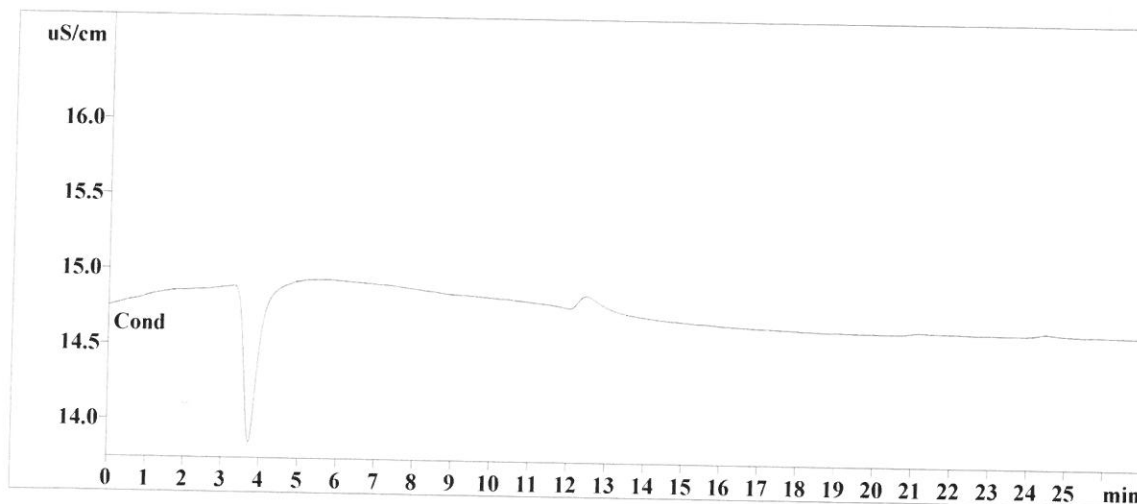
Ident: ICB
Analysis from: 10/9/2018 5:10:48 PM
File: _2018-10-09_

Last save: 10/10/2018 11:08:42 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64431

Last save: 10/9/2018 4:37:34 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:17:49 AM
 Printed by: wet

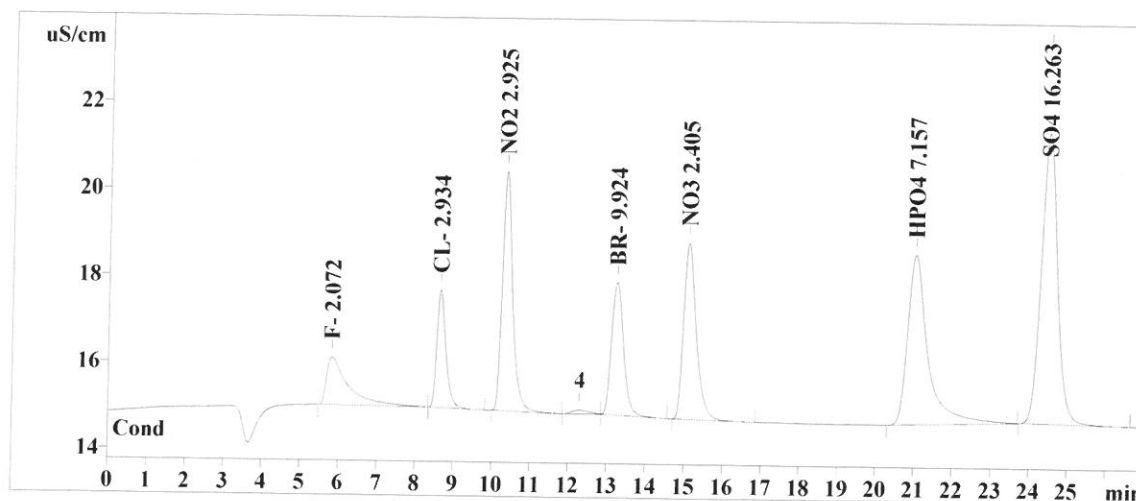
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 File: _2018-10-19_

Last save: 10/23/2018 11:17:44 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64585

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.509	1.10	4.05	43.710	6.28	0.
2	8.64	0.248	2.71	9.97	44.860	6.44	0.
3	10.33	0.278	5.52	20.33	104.257	14.97	0.
4	13.23	0.335	3.05	11.24	66.381	9.53	0.
5	15.08	0.342	4.06	14.97	92.486	13.28	0.
6	21.00	0.487	3.91	14.41	144.308	20.73	0.
7	24.46	0.444	6.70	24.69	197.454	28.36	0.
7	27.00	0.377	27.04	99.66	693.456	99.60	0.

This report has been created by IC Net
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Report date: 10/23/2018 11:18:26 AM
Printed by: wet

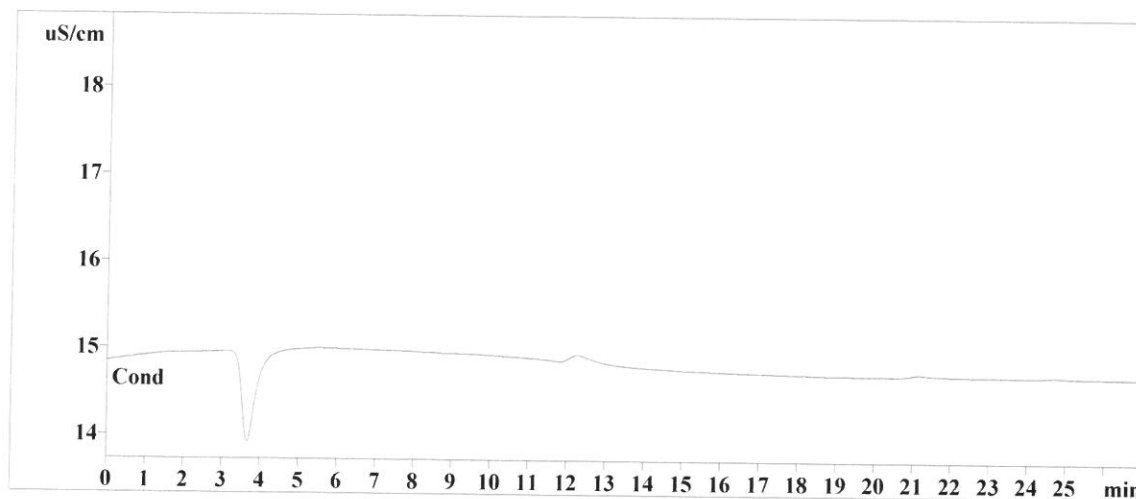
Ident: CCB
Analysis from: 10/19/2018 1:25:34 PM
File: _2018-10-19_

Last save: 10/23/2018 11:18:16 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64586

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:18:59 AM
Printed by: wet

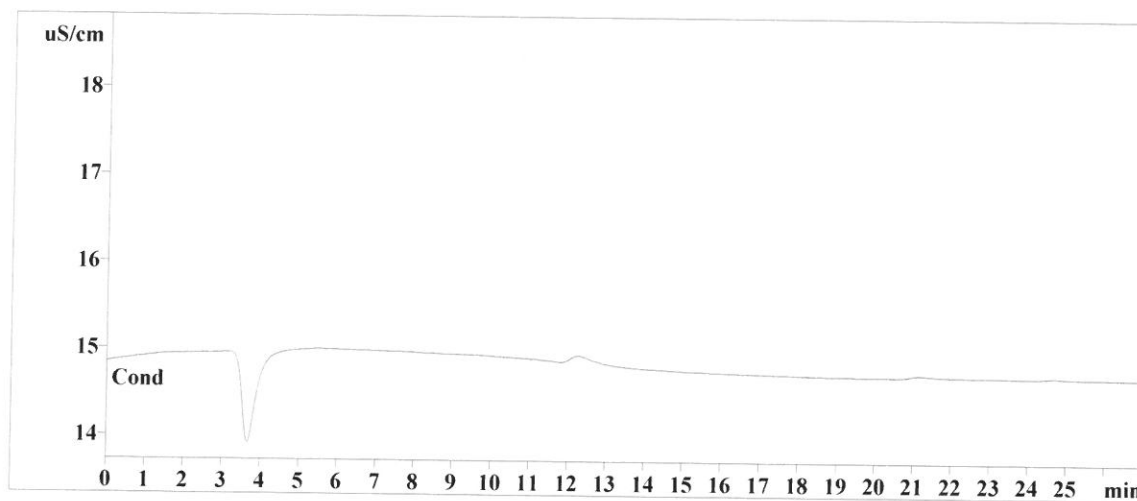
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Analysis from: 10/19/2018 1:25:34 PM
File: _2018-10-19_

Last save: 10/23/2018 11:18:16 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64586

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:19:06 AM
Printed by: wet

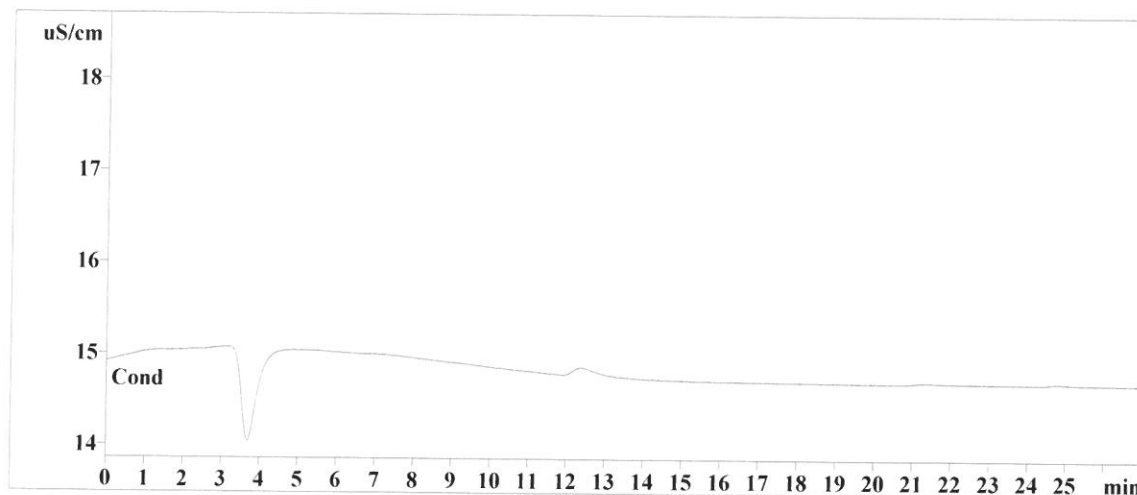
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File: _2018-10-19_

Last save: 10/23/2018 11:18:16 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64587

Last save: 10/18/2018 9:10:58 AM

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: 10/23/2018 11:19:13 AM
Printed by: wet

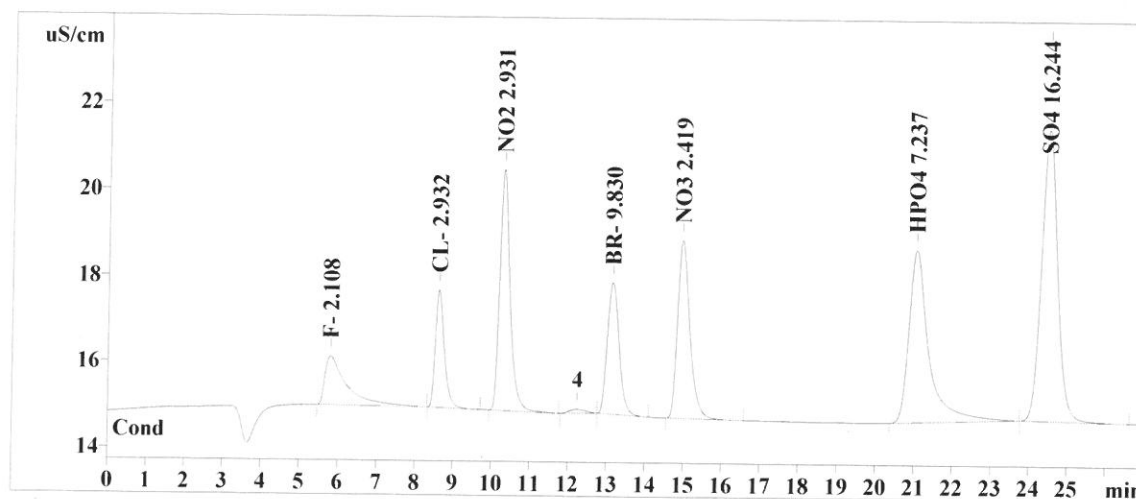
Ident: LB98781BSW
Analysis from: 10/19/2018 2:25:24 PM
File: _2018-10-19_

Last save: 10/23/2018 11:16:48 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64588

Last save: 10/18/2018 9:10:58 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	5.80	0.504	1.13	4.11	44.538	6.38	0.
2	8.61	0.245	2.73	9.93	44.819	6.42	0.
3	10.28	0.275	5.58	20.30	104.468	14.96	0.
4	13.13	0.334	3.06	11.12	65.722	9.41	0.
5	14.95	0.338	4.13	15.05	93.058	13.32	0.
6	21.03	0.476	4.00	14.57	145.871	20.88	0.
7	24.48	0.441	6.75	24.57	197.215	28.24	0.
7	27.00	0.373	27.38	99.65	695.690	99.60	0.

This report has been created by IC Net
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Report date: 10/23/2018 11:20:10 AM
 Printed by: wet

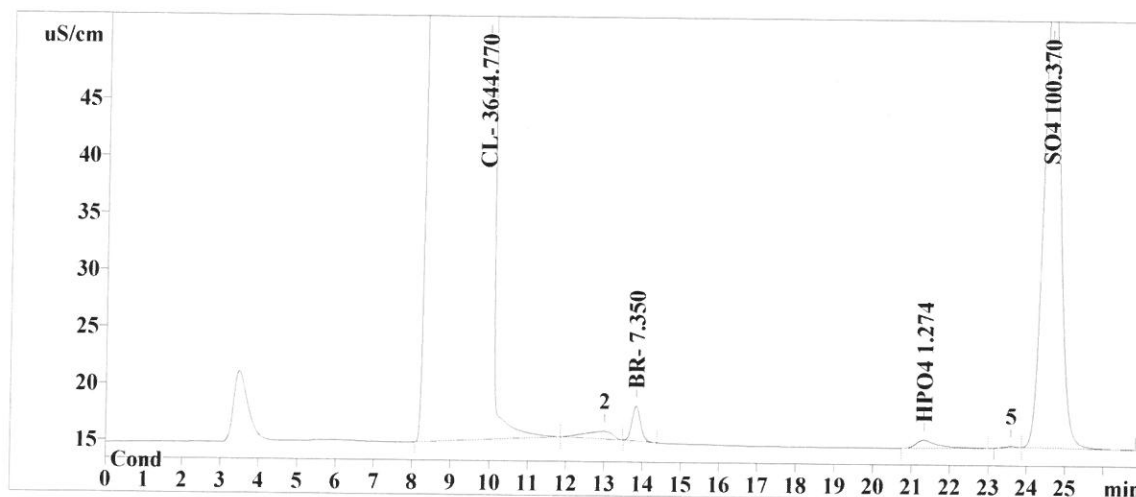
Ident: J5603-01
 Analysis from: 10/19/2018 3:48:13 PM
 File: _2018-10-19_

Last save: 10/23/2018 11:19:44 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64590

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.89	1.203	867.32	94.89	58101.199	97.68	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.83	0.245	3.06	0.33	48.334	0.08	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.32	0.538	0.71	0.08	28.558	0.05	0.
7	24.56	0.466	42.07	4.60	1268.748	2.13	0.
7	27.00	0.350	913.16	99.90	59446.838	99.94	0.

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Report date: 10/23/2018 11:20:35 AM
 Printed by: wet

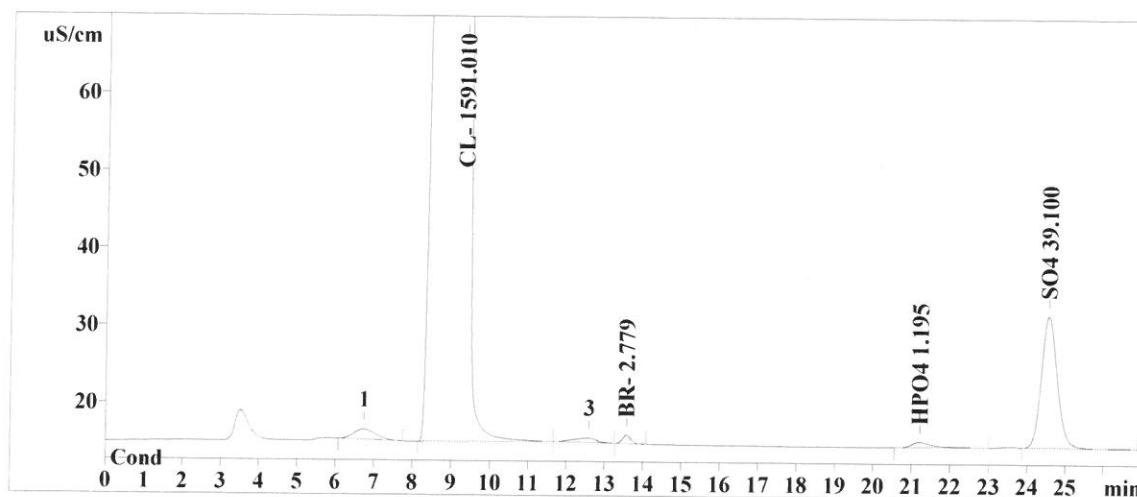
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 File: _2018-10-19_

Last save: 10/23/2018 11:20:36 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64591

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.32	0.693	637.75	96.85	25361.179	97.66	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.57	0.224	1.11	0.17	16.280	0.06	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.21	0.491	0.72	0.11	27.014	0.10	0.
7	24.55	0.438	16.95	2.57	488.340	1.88	0.
7	27.00	0.264	656.53	99.71	25892.813	99.70	0.

This report has been created by IC Net
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Report date: 10/23/2018 11:22:22 AM
Printed by: wet

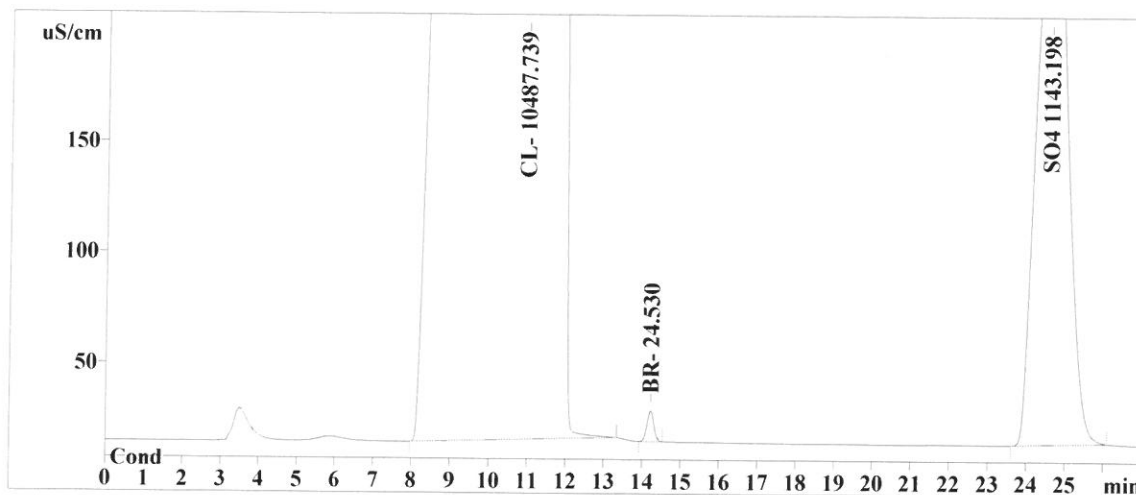
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Analysis from: 10/19/2018 4:48:03 PM
File: _2018-10-19_

Last save: 10/23/2018 11:22:14 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64592

Last save: 10/18/2018 9:10:58 AM

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	10.96	2.624	1091.22	79.01	167188.410	91.91	0.
4	14.22	0.192	13.66	0.99	168.789	0.09	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	24.57	0.861	276.32	20.01	14551.370	8.00	0.
7	27.00	0.525	1381.19	100.00	181908.570	100.00	0.

This report has been created by IC Net
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Report date: 10/23/2018 11:23:12 AM
Printed by: wet

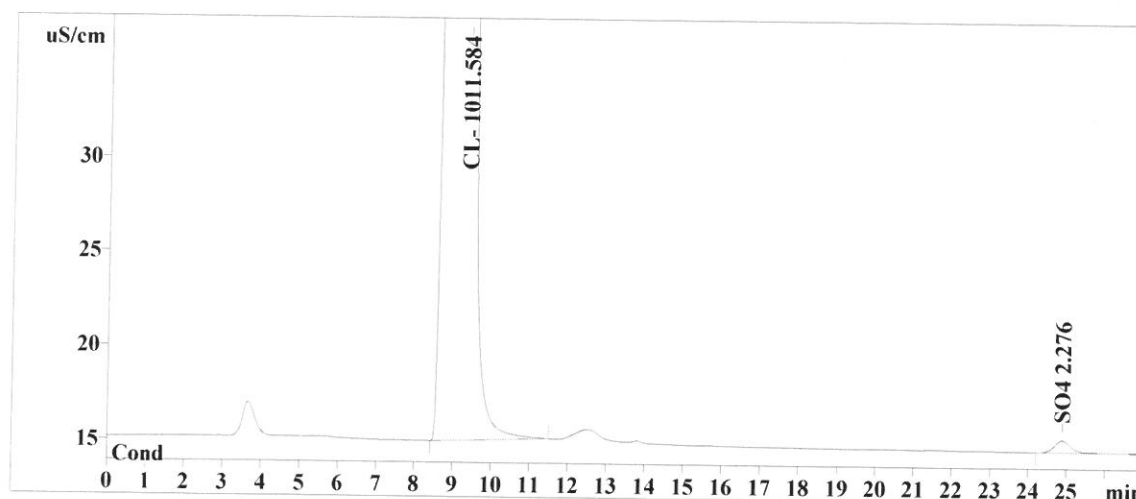
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Analysis from: 10/19/2018 5:17:58 PM
File: _2018-10-19_

Last save: 10/23/2018 11:23:12 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64593

Last save: 10/18/2018 9:10:58 AM

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	9.37	0.525	523.10	99.82	16124.249	99.88	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	24.89	0.440	0.64	0.12	19.306	0.12	0.
7	27.00	0.138	523.74	99.94	16143.555	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:38:32 AM
Printed by: wet

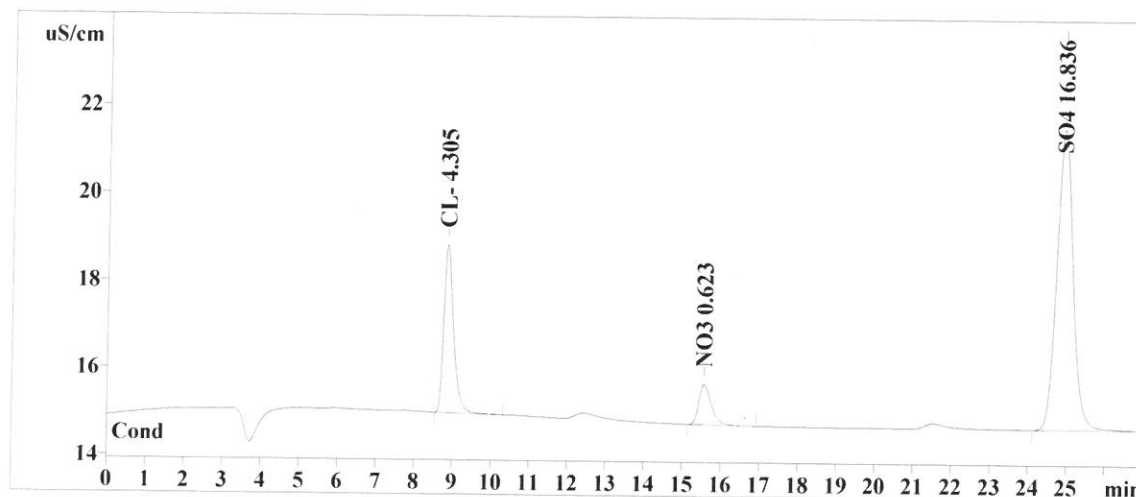
Ident: J5603-05
Analysis from: 10/19/2018 5:47:53 PM
File: _2018-10-19_

Last save: 10/23/2018 11:38:32 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64594

Last save: 10/18/2018 9:10:58 AM

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	8.84	0.257	3.84	33.00	66.702	22.83	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	15.56	0.340	0.92	7.89	20.722	7.09	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.89	0.450	6.87	59.10	204.762	70.08	0.
7	27.00	0.149	11.62	99.99	292.185	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:38:55 AM
Printed by: wet

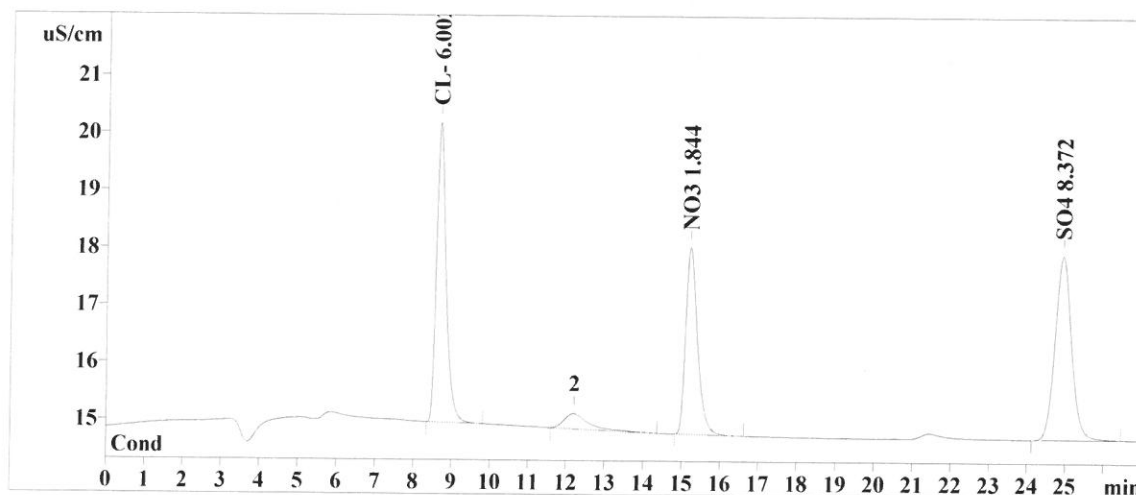
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Analysis from: 10/19/2018 6:17:48 PM
File: _2018-10-19_

Last save: 10/23/2018 11:38:56 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64595

Last save: 10/18/2018 9:10:58 AM

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	0.268	5.21	43.67	93.758	34.44	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.21	0.321	3.26	27.28	69.902	25.68	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.92	0.457	3.20	26.81	96.950	35.61	0.
7	27.00	0.149	11.67	97.76	260.610	95.72	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:39:21 AM
Printed by: wet

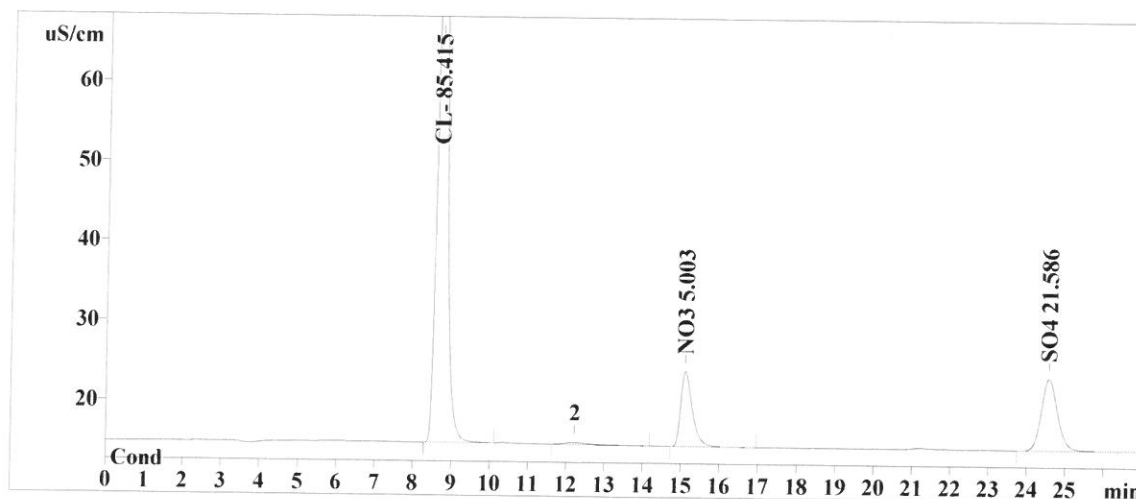
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Analysis from: 10/19/2018 6:47:43 PM
File: _2018-10-19_

Last save: 10/23/2018 11:39:18 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64596

Last save: 10/18/2018 9:10:58 AM

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	8.67	0.255	80.01	81.16	1359.720	74.19	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	15.11	0.313	9.35	9.48	197.155	10.76	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.56	0.445	8.97	9.10	265.255	14.47	0.
7	27.00	0.145	98.34	99.75	1822.129	99.43	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:39:39 AM
Printed by: wet

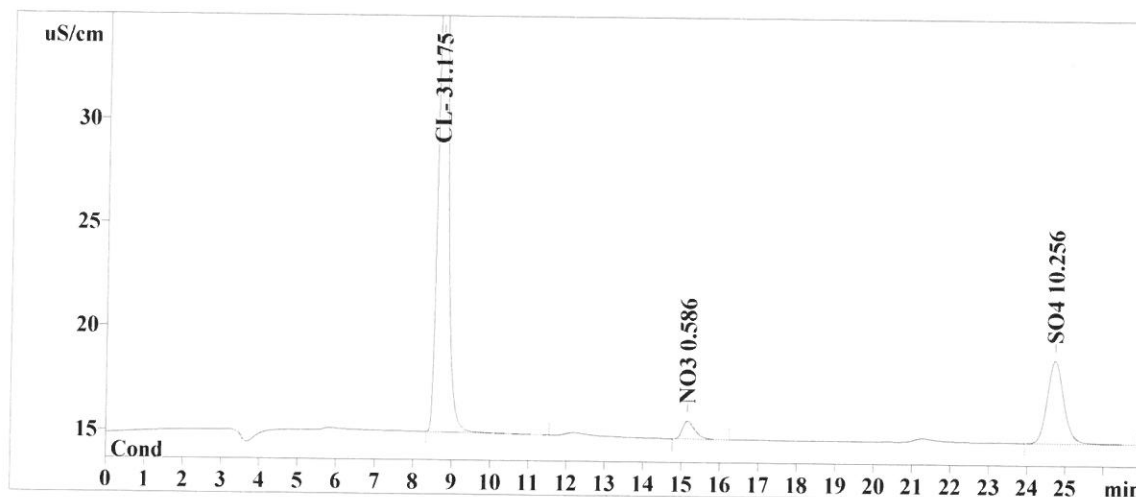
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Analysis from: 10/19/2018 7:17:38 PM
File: _2018-10-19_

Last save: 10/23/2018 11:39:40 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64597

Last save: 10/18/2018 9:10:58 AM

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	8.67	0.241	30.32	86.23	495.057	77.94	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	15.16	0.337	0.86	2.44	19.214	3.02	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.71	0.457	3.98	11.32	120.943	19.04	0.
7	27.00	0.148	35.16	99.99	635.215	100.00	0.

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Report date: 10/23/2018 11:39:48 AM
 Printed by: wet

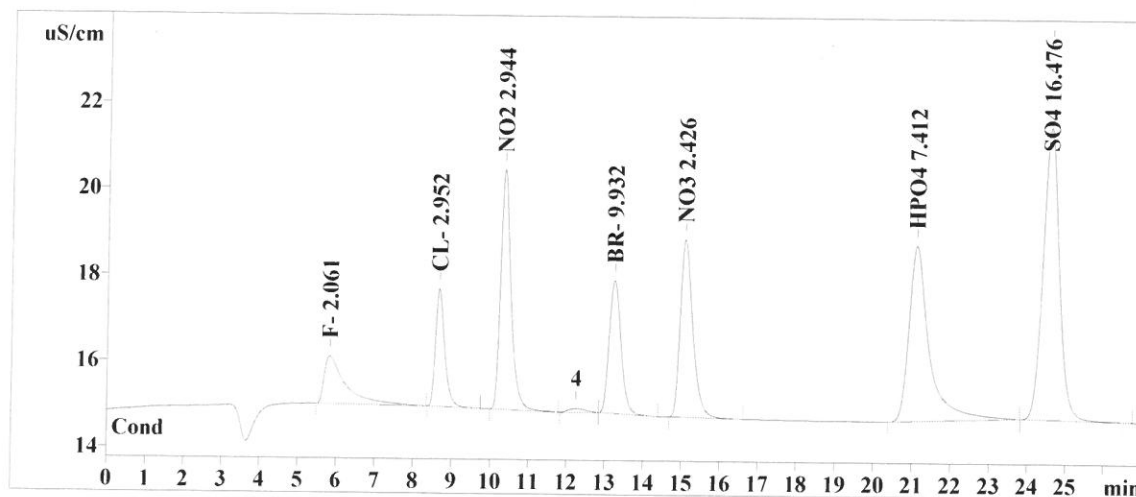
Ident: CCV
 Analysis from: 10/19/2018 7:47:33 PM
 File: _2018-10-19_

Last save: 10/19/2018 8:14:22 PM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64598

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.503	1.10	4.01	43.458	6.16	0.
2	8.65	0.248	2.72	9.90	45.137	6.40	0.
3	10.33	0.278	5.55	20.21	104.953	14.87	0.
4	13.22	0.334	3.07	11.18	66.438	9.42	0.
5	15.06	0.340	4.11	14.97	93.349	13.23	0.
6	21.09	0.482	4.06	14.76	149.311	21.16	0.
7	24.56	0.446	6.77	24.64	200.173	28.37	0.
7	27.00	0.376	27.39	99.67	702.818	99.61	0.

This report has been created by IC Net
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Report date: 10/23/2018 11:39:56 AM
Printed by: wet

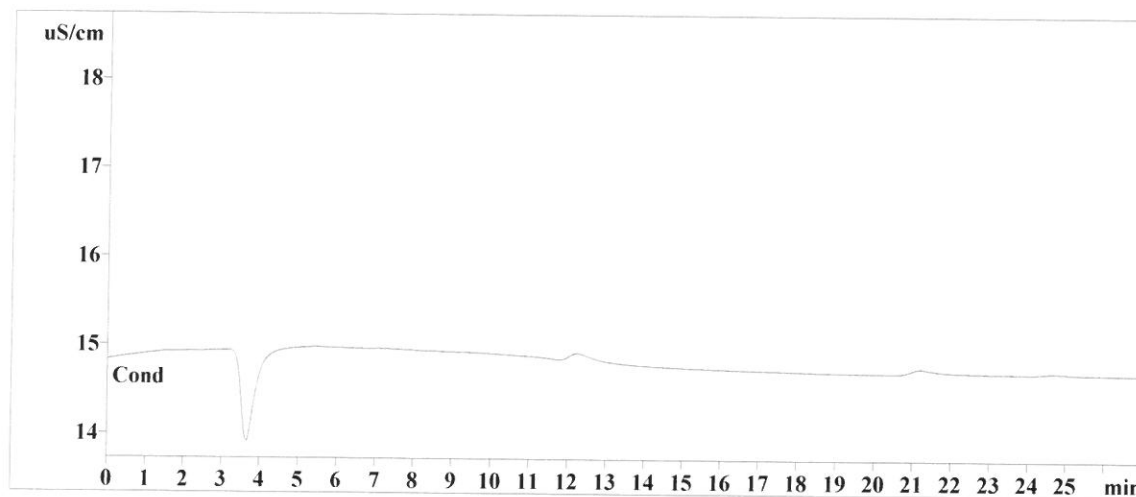
Ident: CCB
Analysis from: 10/19/2018 8:17:28 PM
File: _2018-10-19_

Last save: 10/23/2018 11:18:16 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64599

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 10/23/2018 11:40:15 AM
Printed by: wet

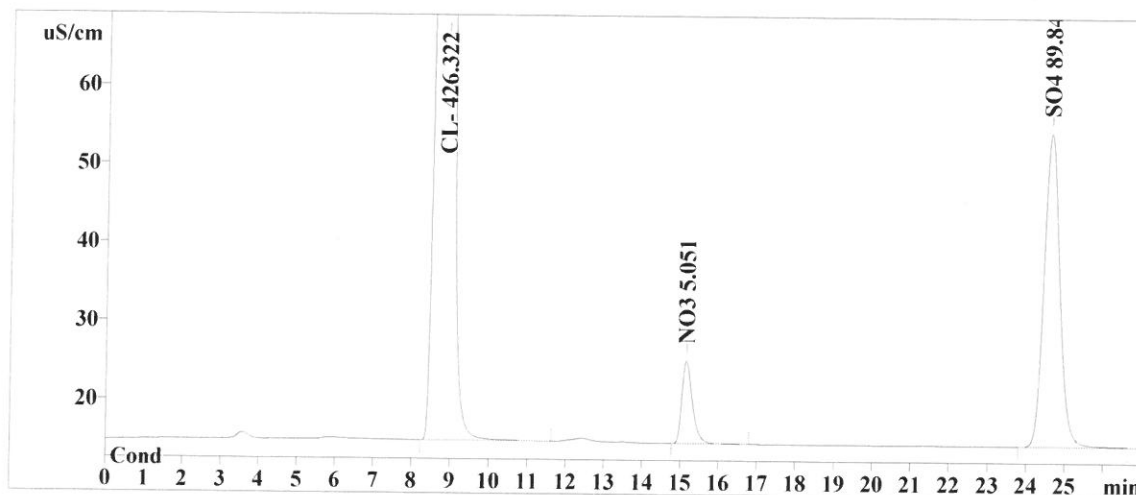
Ident: J5603-11
Analysis from: 10/19/2018 8:47:23 PM
File: _2018-10-19_

Last save: 10/23/2018 11:40:16 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64600

Last save: 10/18/2018 9:10:58 AM

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	8.88	0.337	319.61	86.39	6794.301	83.59	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	15.15	0.283	10.46	2.83	199.080	2.45	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.59	0.433	39.82	10.76	1134.721	13.96	0.
7	27.00	0.150	369.88	99.98	8128.103	100.00	0.

This report has been created by IC Net
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Report date: 10/23/2018 11:41:47 AM
Printed by: wet

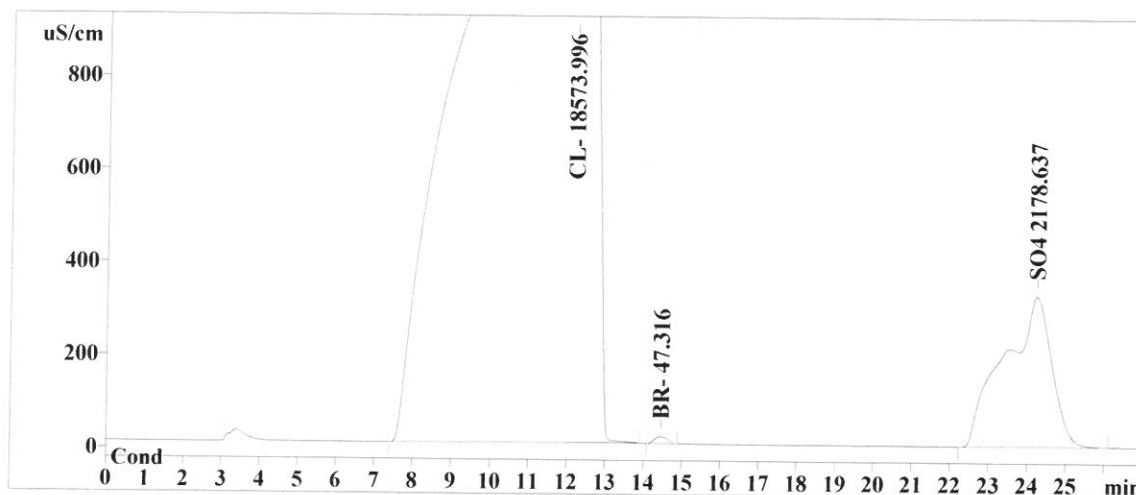
Ident: J5603-12
Analysis from: 10/19/2018 9:17:18 PM
File: _2018-10-19_

Last save: 10/23/2018 11:41:46 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64601

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	12.21	4.236	1323.47	79.72	296095.502	91.34	0.
4	14.46	0.378	14.52	0.87	328.551	0.10	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	24.23	1.590	322.22	19.41	27739.901	8.56	0.
7	27.00	0.886	1660.21	100.01	324163.954	100.00	0.

This report has been created by IC Net
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Report date: 10/23/2018 11:42:38 AM
Printed by: wet

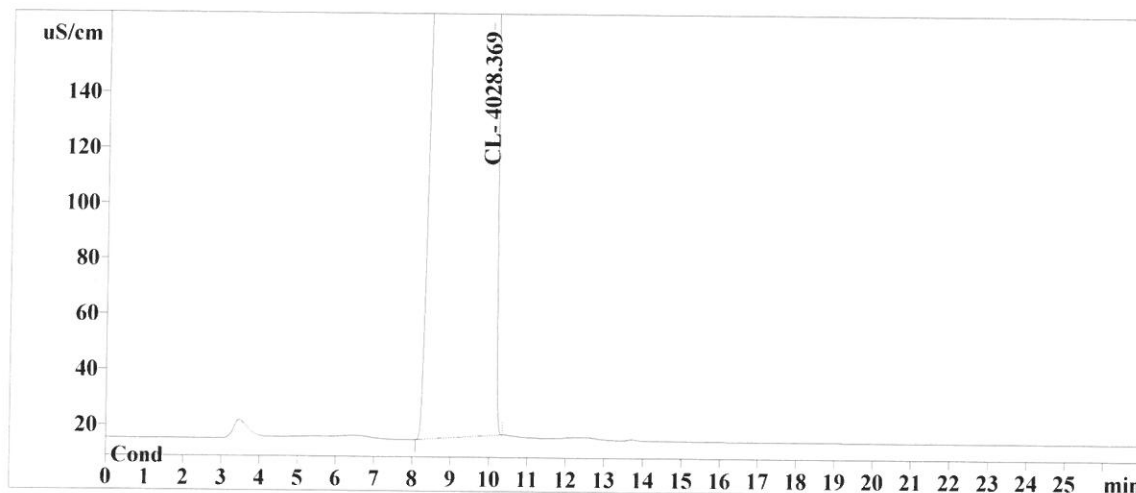
Ident: J5603-13
Analysis from: 10/19/2018 9:47:13 PM
File: _2018-10-19_

Last save: 10/23/2018 11:42:34 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64602

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.99	1.310	886.40	99.99	64216.343	100.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.187	886.40	99.99	64216.343	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:43:40 AM
Printed by: wet

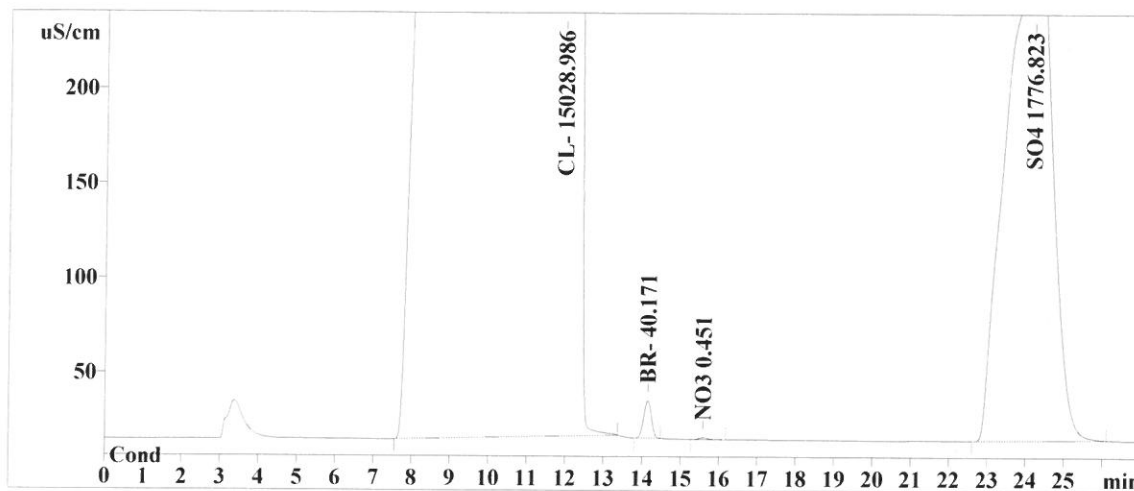
Ident: J5603-14
Analysis from: 10/19/2018 10:17:08 PM
File: _2018-10-19_

Last save: 10/23/2018 11:43:40 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64603

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	11.96	3.579	1298.02	79.79	239582.702	91.27	0.
4	14.15	0.223	19.70	1.21	278.452	0.11	0.
5	15.59	0.250	0.84	0.05	13.785	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.17	1.235	308.17	18.94	22621.931	8.62	0.
7	27.00	0.755	1626.74	100.00	262496.870	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:44:07 AM
Printed by: wet

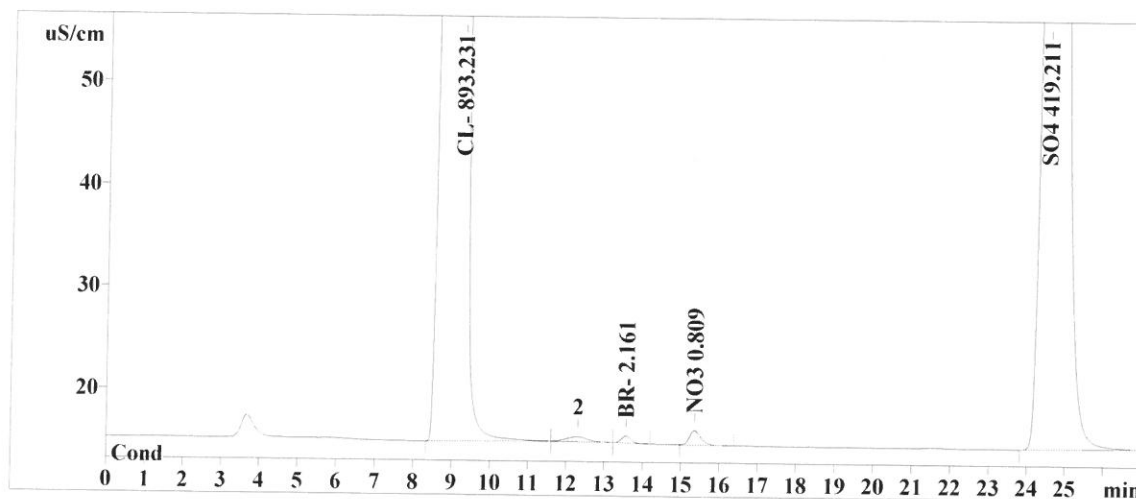
Ident: J5603-15
Analysis from: 10/19/2018 10:47:03 PM
File: _2018-10-19_

Last save: 10/23/2018 11:44:06 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64604

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.23	0.493	490.51	74.98	14237.529	72.54	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.57	0.269	0.69	0.11	11.951	0.06	0.
5	15.35	0.308	1.39	0.21	28.191	0.14	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.51	0.513	161.09	24.62	5329.860	27.16	0.
7	27.00	0.226	653.68	99.92	19607.531	99.90	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:44:21 AM
Printed by: wet

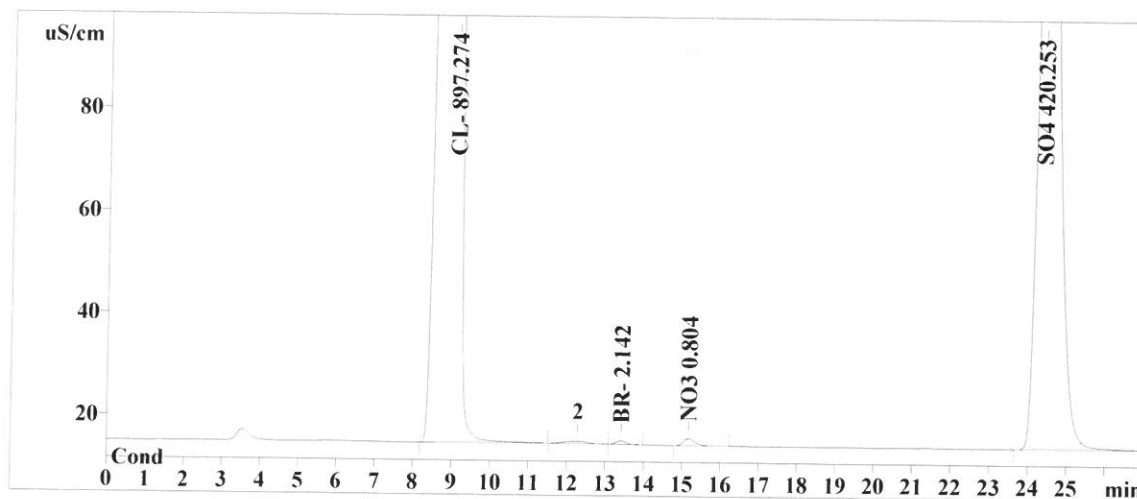
Ident: J5603-15DUP
Analysis from: 10/19/2018 11:16:58 PM
File: _2018-10-19_

Last save: 10/23/2018 11:44:22 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64605

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.09	0.494	491.66	75.00	14301.977	72.59	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.41	0.269	0.68	0.10	11.818	0.06	0.
5	15.17	0.306	1.38	0.21	27.993	0.14	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.36	0.514	161.25	24.60	5343.130	27.12	0.
7	27.00	0.226	654.98	99.91	19684.918	99.91	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 11:45:07 AM
 Printed by: wet

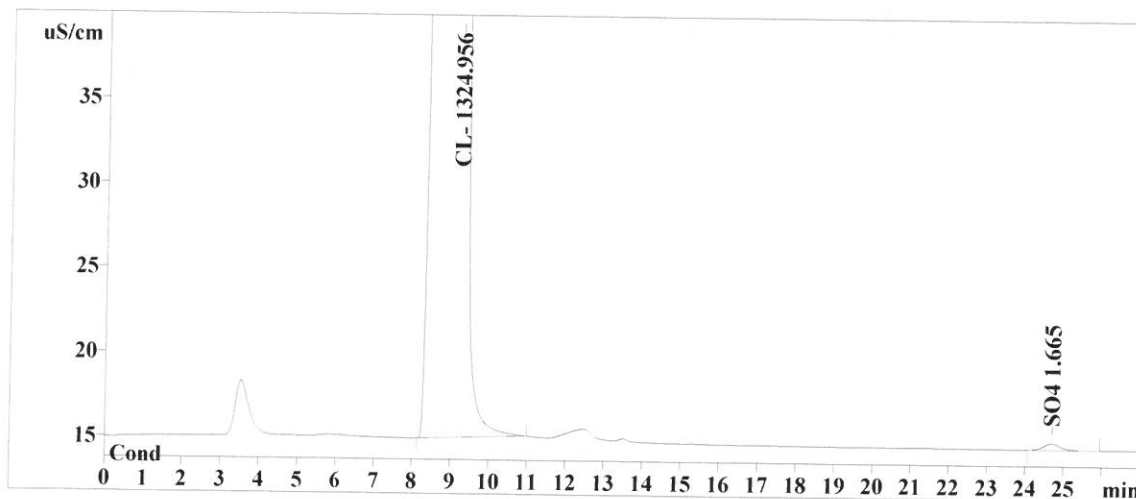
Ident: J5603-16
 Analysis from: 10/19/2018 11:46:53 PM
 File: _2018-10-19_

Last save: 10/23/2018 11:45:08 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64606

Last save: 10/18/2018 9:10:58 AM

SAMPLE:
 : AK/AP
 Vial number: 27
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.22	0.626	583.13	99.89	21119.877	99.95	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	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	0.456	0.38	0.07	11.517	0.05	0.
7	27.00	0.154	583.52	99.96	21131.394	100.00	0.

This report has been created by IC Net
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Report date: 10/23/2018 12:02:17 PM
Printed by: wet

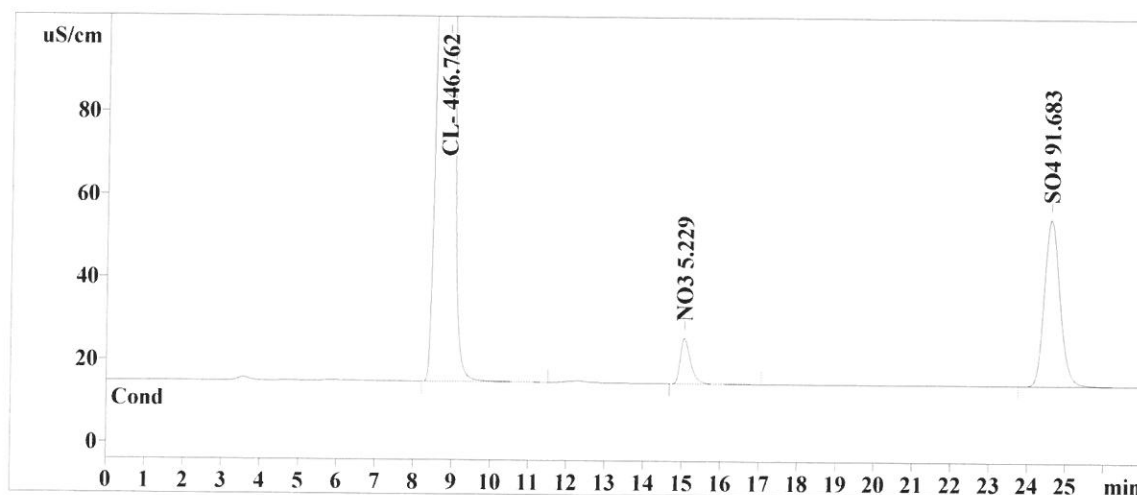
Ident: J5603-11DUP
Analysis from: 10/20/2018 12:16:48 AM
File: _2018-10-20_

Last save: 10/23/2018 12:02:16 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64607

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.87	0.353	322.80	86.27	7120.131	83.92	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	15.05	0.279	10.98	2.93	206.228	2.43	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.59	0.438	40.28	10.76	1158.092	13.65	0.
7	27.00	0.153	374.06	99.97	8484.452	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 12:02:28 PM
 Printed by: wet

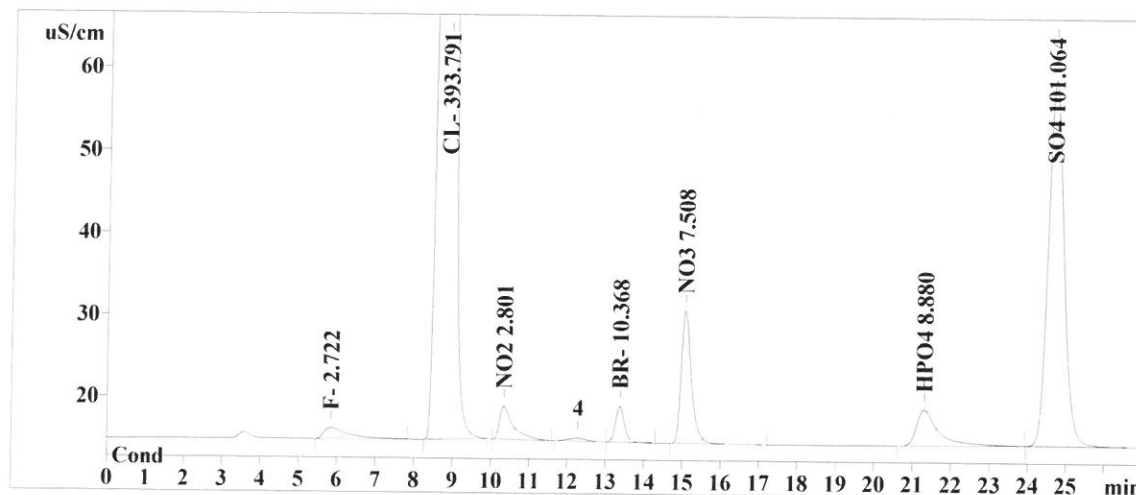
Ident: J5603-11MS
 Analysis from: 10/20/2018 12:46:42 AM
 File: _2018-10-20_

Last save: 10/20/2018 1:13:32 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64608

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.86	0.616	1.33	0.35	58.565	0.71	0.
2	8.86	0.328	304.61	80.23	6275.702	75.89	0.
3	10.33	0.316	4.03	1.06	99.608	1.20	0.
4	13.37	0.245	4.33	1.14	69.496	0.84	0.
5	15.07	0.274	16.12	4.25	298.021	3.60	0.
6	21.30	0.511	4.39	1.16	178.193	2.15	0.
7	24.65	0.439	44.38	11.69	1277.584	15.45	0.
7	27.00	0.390	379.19	99.88	8257.169	99.85	0.

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Report date: 10/23/2018 12:02:40 PM
Printed by: wet

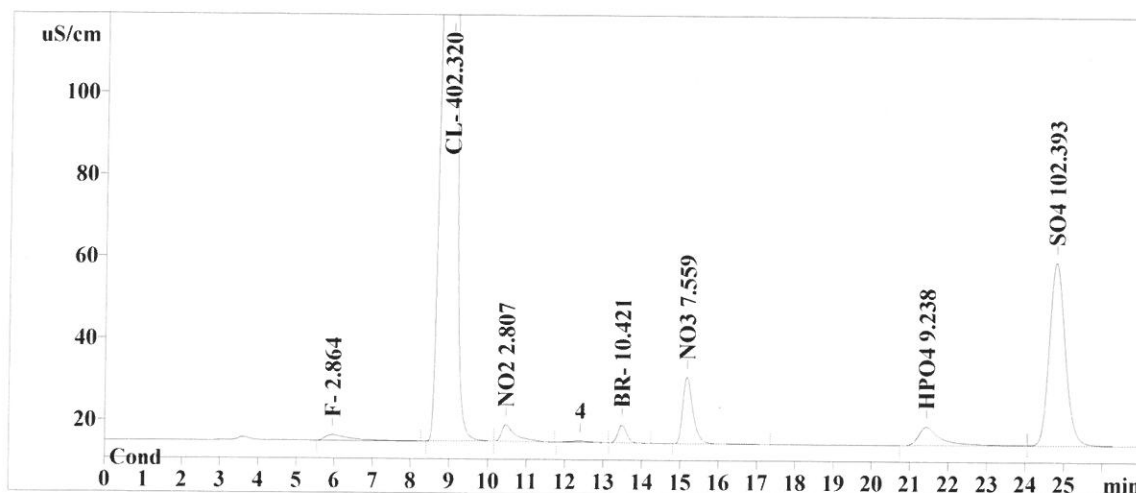
Ident: J5603-11MSD
Analysis from: 10/20/2018 1:16:37 AM
File: _2018-10-20_

Last save: 10/20/2018 1:43:26 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64609

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.96	0.629	1.35	0.35	61.809	0.73	0.
2	9.01	0.334	306.48	80.20	6411.666	76.01	0.
3	10.46	0.314	4.05	1.06	99.821	1.18	0.
4	13.49	0.245	4.36	1.14	69.867	0.83	0.
5	15.17	0.274	16.24	4.25	300.100	3.56	0.
6	21.43	0.516	4.53	1.18	185.240	2.20	0.
7	24.77	0.443	44.67	11.69	1294.510	15.35	0.
7	27.00	0.394	381.67	99.88	8423.013	99.86	0.

This report has been created by IC Net
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Report date: 10/23/2018 12:03:11 PM
Printed by: wet

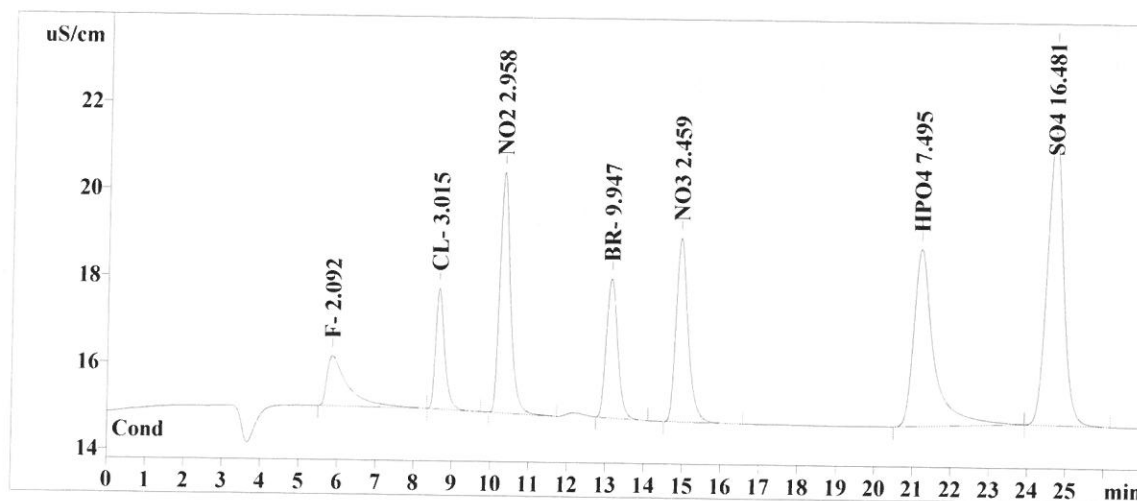
Ident: CCV
Analysis from: 10/20/2018 2:46:22 AM
File: _2018-10-20_

Last save: 10/20/2018 8:51:58 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64612

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.85	0.499	1.16	4.17	44.176	6.24	0.
2	8.64	0.248	2.78	10.03	46.144	6.52	0.
3	10.30	0.282	5.54	19.97	105.492	14.90	0.
4	13.12	0.321	3.20	11.54	66.540	9.40	0.
5	14.92	0.336	4.22	15.23	94.648	13.37	0.
6	21.18	0.484	4.08	14.71	150.944	21.31	0.
7	24.65	0.450	6.75	24.34	200.236	28.27	0.
7	27.00	0.374	27.72	100.00	708.179	100.00	0.

This report has been created by IC Net
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Report date: 10/23/2018 12:03:22 PM
Printed by: wet

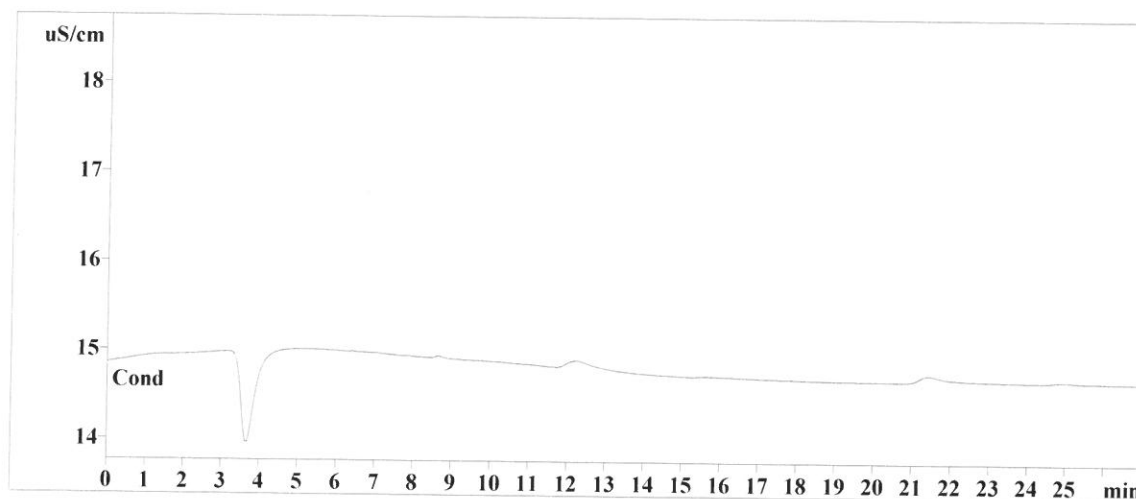
Ident: CCB
Analysis from: 10/20/2018 3:16:17 AM
File: _2018-10-20_

Last save: 10/23/2018 11:18:16 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64613

Last save: 10/18/2018 9:10:58 AM

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
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Report date: 10/23/2018 12:07:38 PM
Printed by: wet

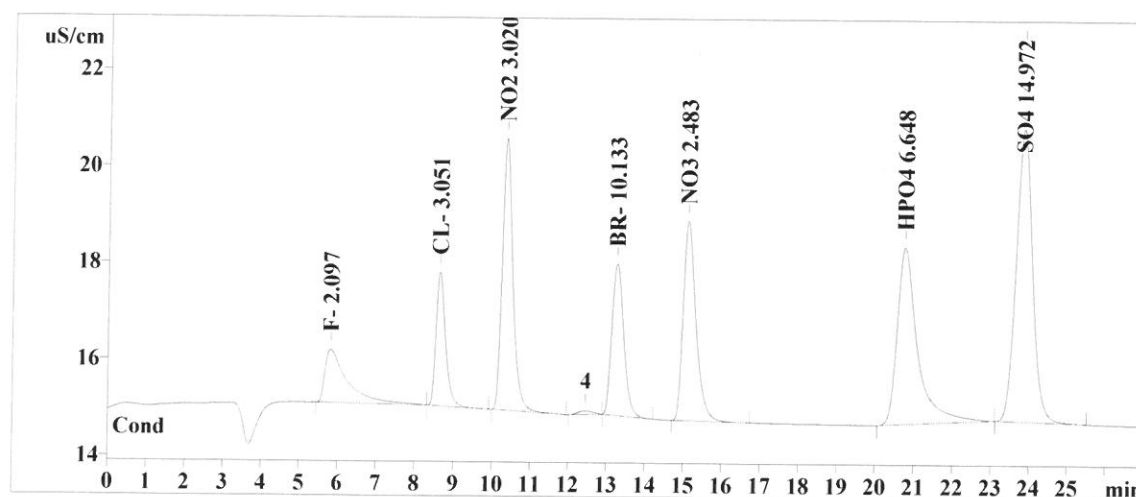
Ident: CCV
Analysis from: 10/20/2018 8:23:30 AM
File: _2018-10-20_

Last save: 10/20/2018 8:50:20 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64616

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.527	1.09	4.13	44.291	6.52	0.
2	8.63	0.253	2.76	10.42	46.717	6.87	0.
3	10.33	0.285	5.61	21.19	107.789	15.86	0.
4	13.25	0.336	3.12	11.79	67.844	9.98	0.
5	15.10	0.348	4.12	15.54	95.646	14.07	0.
6	20.74	0.491	3.65	13.77	134.291	19.76	0.
7	23.82	0.453	6.06	22.87	181.012	26.64	0.
7	27.00	0.385	26.41	99.71	677.589	99.71	0.

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Report date: 10/23/2018 12:07:48 PM
Printed by: wet

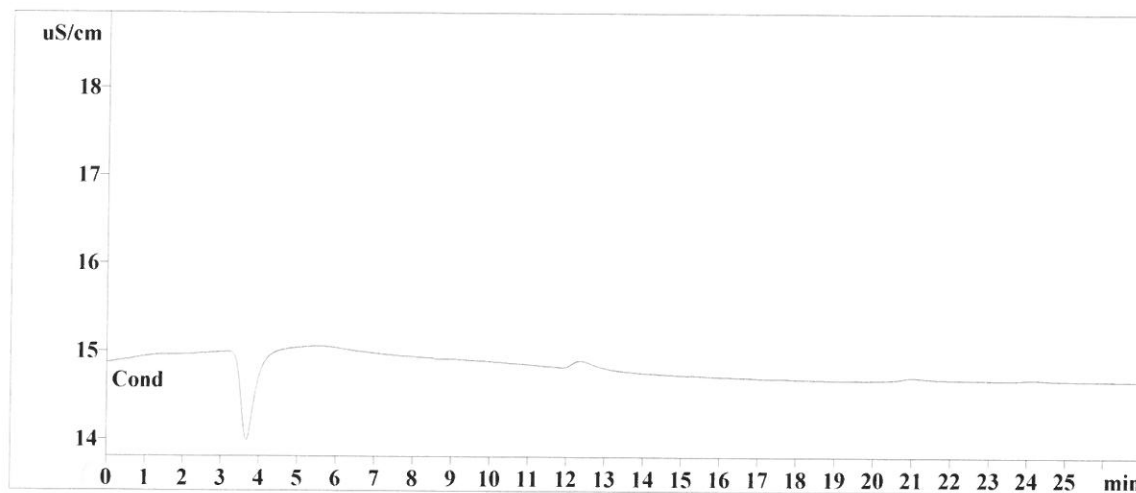
Ident: CCB
Analysis from: 10/20/2018 8:53:25 AM
File: _2018-10-20_

Last save: 10/23/2018 11:18:18 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64617

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 12:07:58 PM
Printed by: wet

Ident: LB98781BLW2
Analysis from: 10/20/2018 9:23:20 AM
File: _2018-10-20_

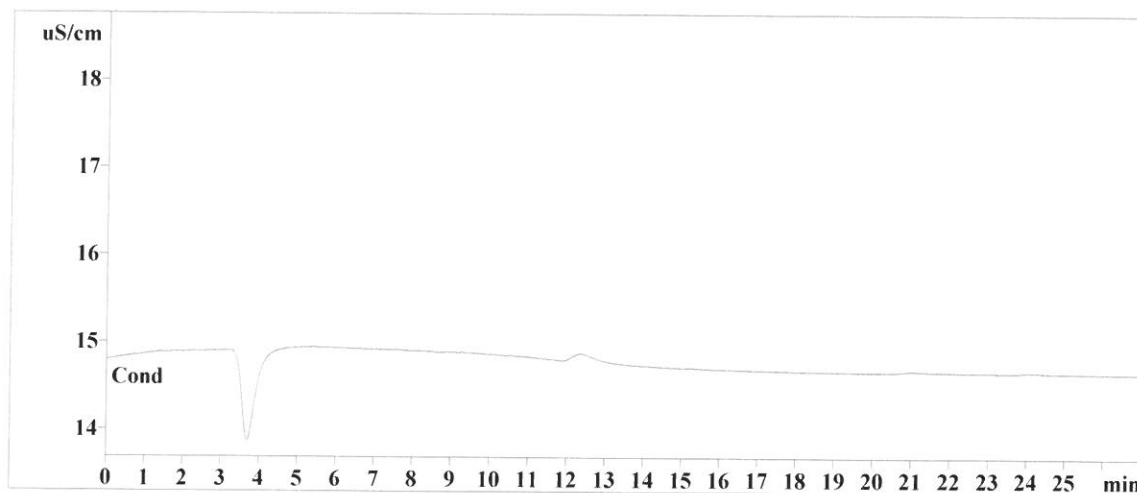
Last save: 10/23/2018 11:18:18 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64618

Last save: 10/18/2018 9:10:58 AM

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
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Report date: 10/23/2018 12:08:08 PM
 Printed by: wet

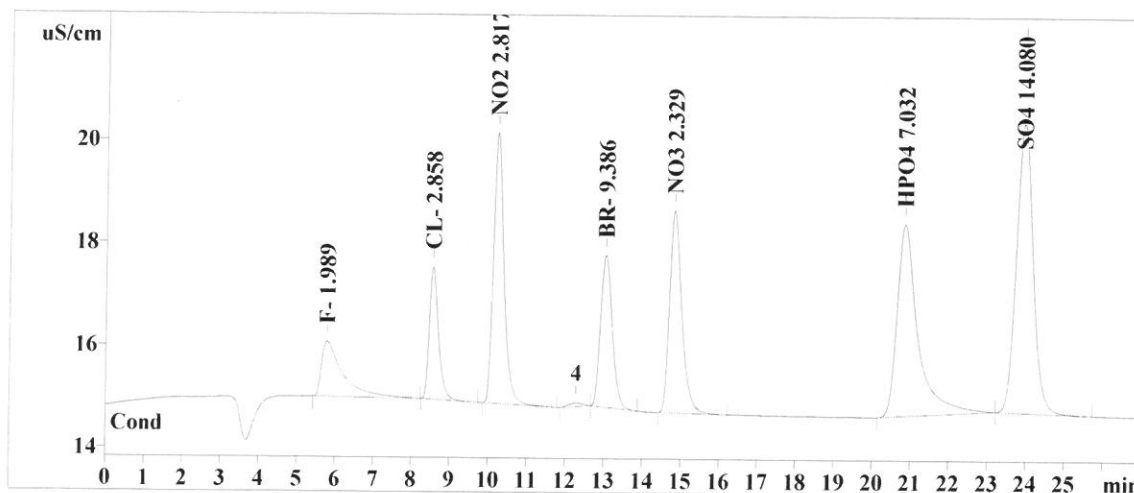
Ident: LB98781BSW2
 Analysis from: 10/20/2018 9:53:15 AM
 File: _2018-10-20_

Last save: 10/23/2018 11:16:50 AM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64619

Last save: 10/18/2018 9:10:58 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	5.78	0.510	1.08	4.26	41.827	6.42	0.
2	8.54	0.253	2.58	10.20	43.647	6.70	0.
3	10.21	0.281	5.28	20.87	100.222	15.39	0.
4	13.03	0.328	2.96	11.71	62.609	9.62	0.
5	14.81	0.341	3.94	15.58	89.432	13.74	0.
6	20.83	0.503	3.74	14.79	141.838	21.79	0.
7	23.92	0.457	5.64	22.29	169.658	26.06	0.
7	27.00	0.382	25.21	99.70	649.233	99.72	0.

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Report date: 10/23/2018 12:08:44 PM
Printed by: wet

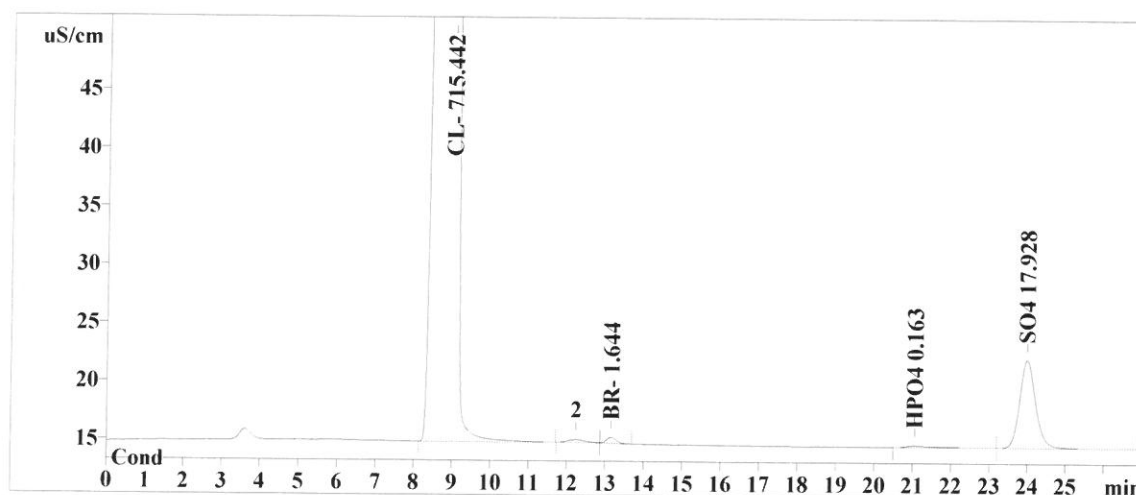
Ident: J5603-01DLX5
Analysis from: 10/20/2018 10:23:11 AM
File: _2018-10-20_

Last save: 10/20/2018 10:50:00 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64620

Last save: 10/18/2018 9:10:58 AM

SAMPLE:
: AK/AP
Vial number: 28
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.00	0.443	433.29	98.09	11403.306	97.93	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.16	0.262	0.49	0.11	8.328	0.07	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.06	0.632	0.14	0.03	6.710	0.06	0.
7	23.98	0.435	7.53	1.71	218.671	1.88	0.
7	27.00	0.253	441.45	99.93	11637.015	99.93	0.

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Report date: 10/23/2018 12:09:11 PM
Printed by: wet

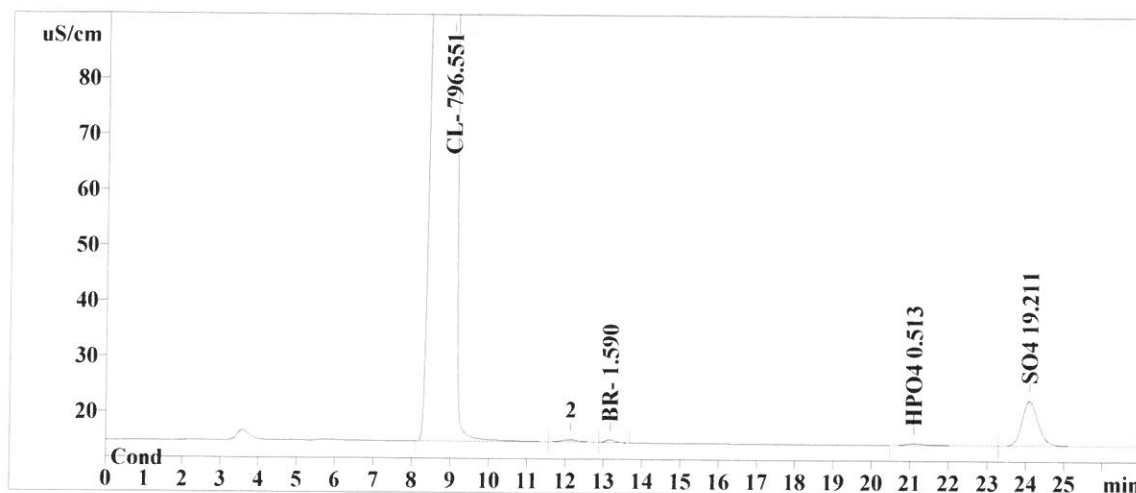
Ident: J5603-02DLX2
Analysis from: 10/20/2018 12:22:50 PM
File: _2018-10-20_

Last save: 10/23/2018 12:09:10 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64624

Last save: 10/18/2018 9:10:58 AM

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	9.02	0.472	455.27	97.99	12696.303	97.93	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.17	0.253	0.49	0.10	7.946	0.06	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.09	0.576	0.31	0.07	13.587	0.10	0.
7	24.09	0.440	8.03	1.73	235.012	1.81	0.
7	27.00	0.249	464.10	99.89	12952.847	99.91	0.

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Report date: 10/23/2018 12:09:45 PM
 Printed by: wet

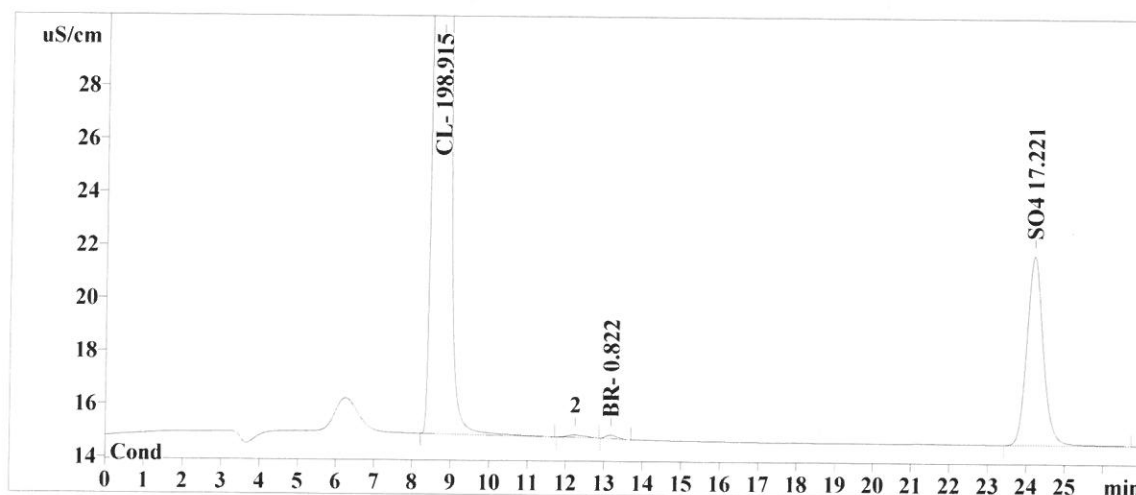
Ident: J5603-03DLX50
 Analysis from: 10/20/2018 12:52:45 PM
 File: _2018-10-20_

Last save: 10/23/2018 12:09:46 PM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64625

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.74	0.258	190.50	96.30	3169.084	93.64	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.18	0.307	0.13	0.07	2.564	0.08	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	24.18	0.443	7.10	3.59	209.659	6.19	0.
7	27.00	0.144	197.74	99.95	3381.307	99.91	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/23/2018 12:11:04 PM
 Printed by: wet

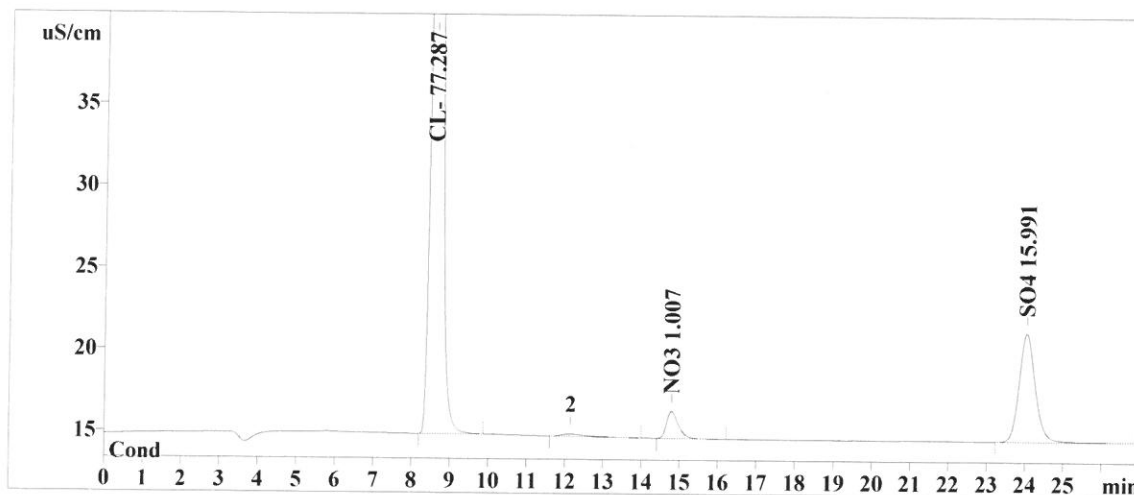
Ident: J5603-11DLX5
 Analysis from: 10/20/2018 1:22:40 PM
 File: _2018-10-20_

Last save: 10/20/2018 1:49:30 PM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64626

Last save: 10/18/2018 9:10:58 AM

SAMPLE:
 : AK/AP
 Vial number: 31
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.58	0.238	78.23	90.30	1230.159	83.86	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	14.79	0.329	1.66	1.91	36.179	2.47	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.03	0.441	6.60	7.62	193.995	13.22	0.
7	27.00	0.144	86.49	99.83	1460.334	99.55	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/23/2018 12:11:21 PM
Printed by: wet

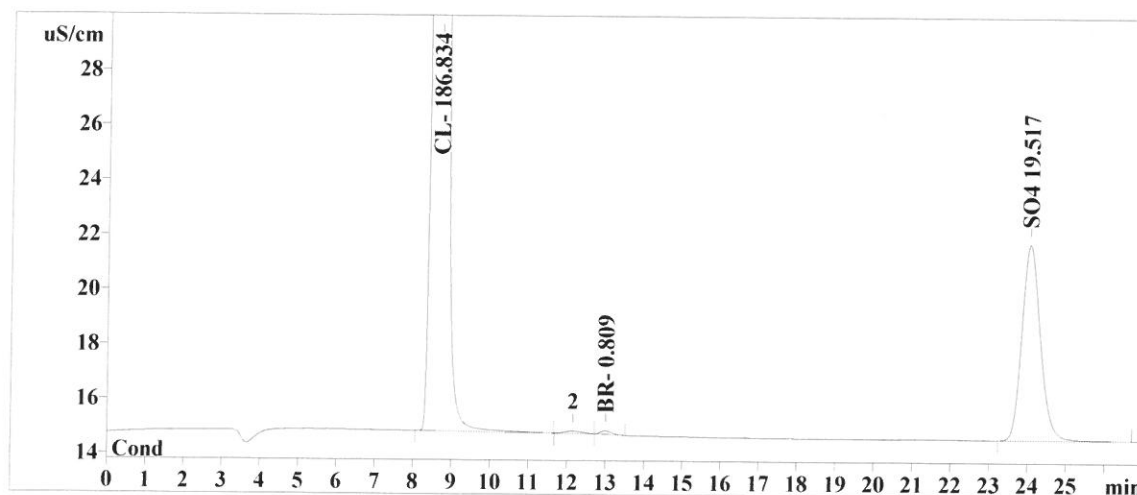
Ident: J5603-12DLX100
Analysis from: 10/20/2018 1:52:35 PM
File: _2018-10-20_

Last save: 10/20/2018 2:19:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64627

Last save: 10/18/2018 9:10:58 AM

SAMPLE:
: AK/AP
Vial number: 32
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.67	0.249	184.89	96.17	2976.500	92.42	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.00	0.302	0.13	0.07	2.474	0.08	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	24.04	0.508	7.14	3.71	238.901	7.42	0.
7	27.00	0.151	192.15	99.95	3217.875	99.92	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/23/2018 12:11:37 PM
Printed by: wet

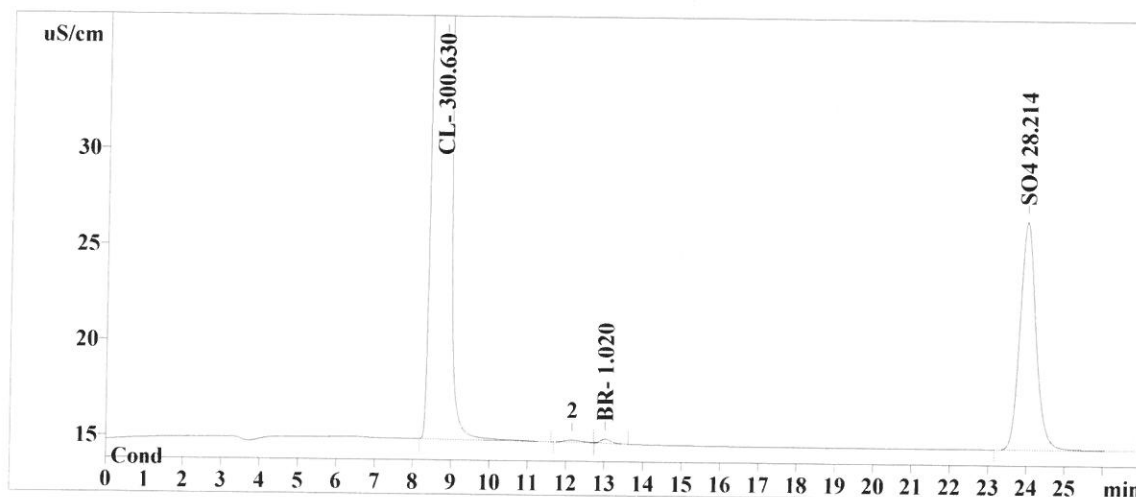
Ident: J5603-14DLX50
Analysis from: 10/20/2018 2:22:30 PM
File: _2018-10-20_

Last save: 10/20/2018 2:49:20 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64628

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.77	0.290	264.76	95.58	4790.572	93.07	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.02	0.298	0.21	0.08	3.953	0.08	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	23.98	0.440	11.87	4.29	349.687	6.79	0.
7	27.00	0.147	276.85	99.95	5144.211	99.94	0.

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Report date: 10/23/2018 12:11:55 PM
Printed by: wet

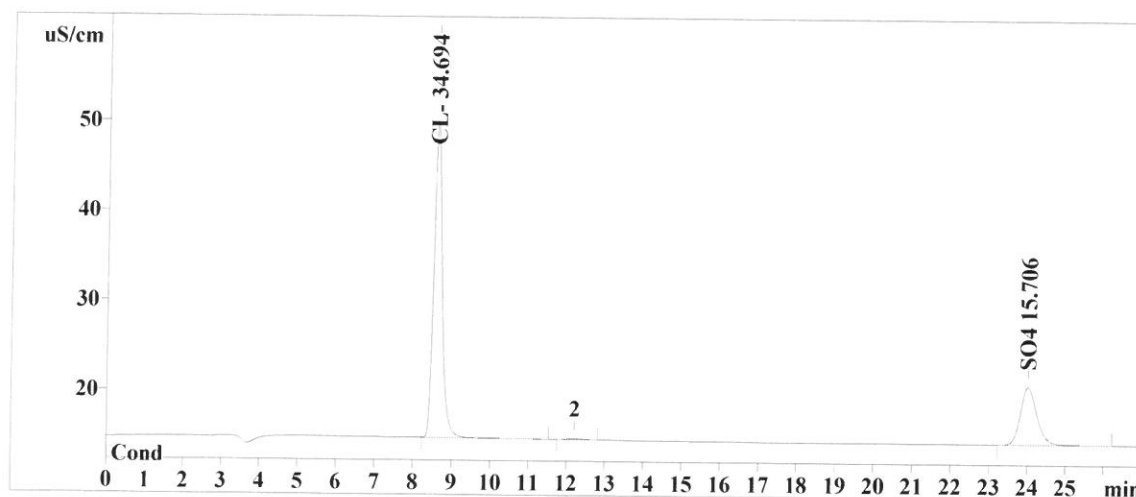
Ident: J5603-15DLX20
Analysis from: 10/20/2018 2:52:25 PM
File: _2018-10-20_

Last save: 10/20/2018 3:19:14 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64629

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.58	0.234	35.05	84.42	551.155	74.03	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	24.01	0.449	6.38	15.37	190.371	25.57	0.
7	27.00	0.097	41.43	99.79	741.526	99.61	0.

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Report date: 10/23/2018 12:12:26 PM
Printed by: wet

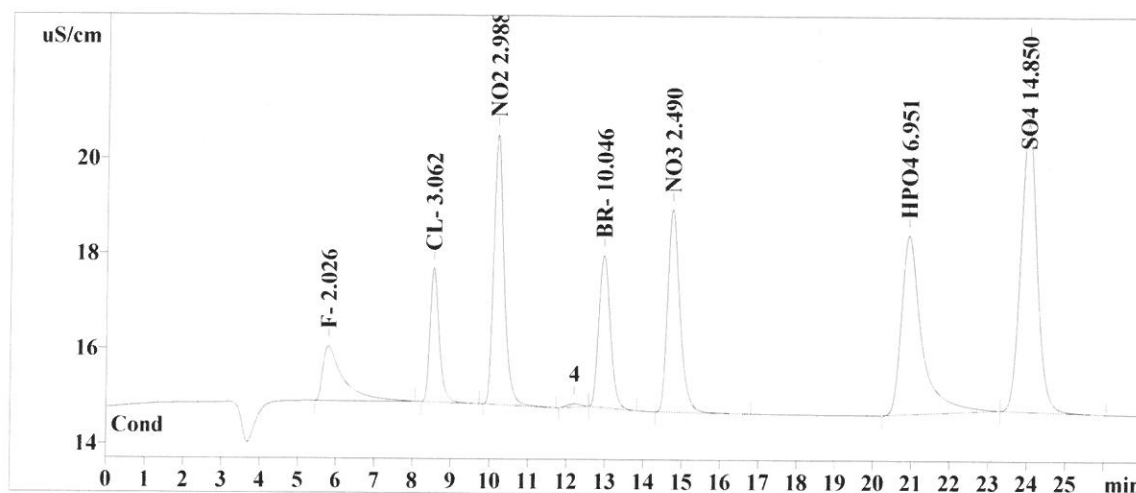
Ident: CCV
Analysis from: 10/20/2018 3:22:20 PM
File: _2018-10-20_

Last save: 10/20/2018 3:49:10 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64630

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.78	0.491	1.14	4.23	42.666	6.27	0.
2	8.53	0.249	2.82	10.44	46.888	6.89	0.
3	10.18	0.278	5.68	21.07	106.586	15.66	0.
4	12.94	0.326	3.20	11.86	67.237	9.88	0.
5	14.73	0.338	4.25	15.77	95.900	14.09	0.
6	20.91	0.496	3.76	13.93	140.248	20.60	0.
7	24.00	0.449	6.05	22.43	179.468	26.36	0.
7	27.00	0.375	26.91	99.74	678.994	99.75	0.

This report has been created by IC Net
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Report date: 10/23/2018 12:12:35 PM
Printed by: wet

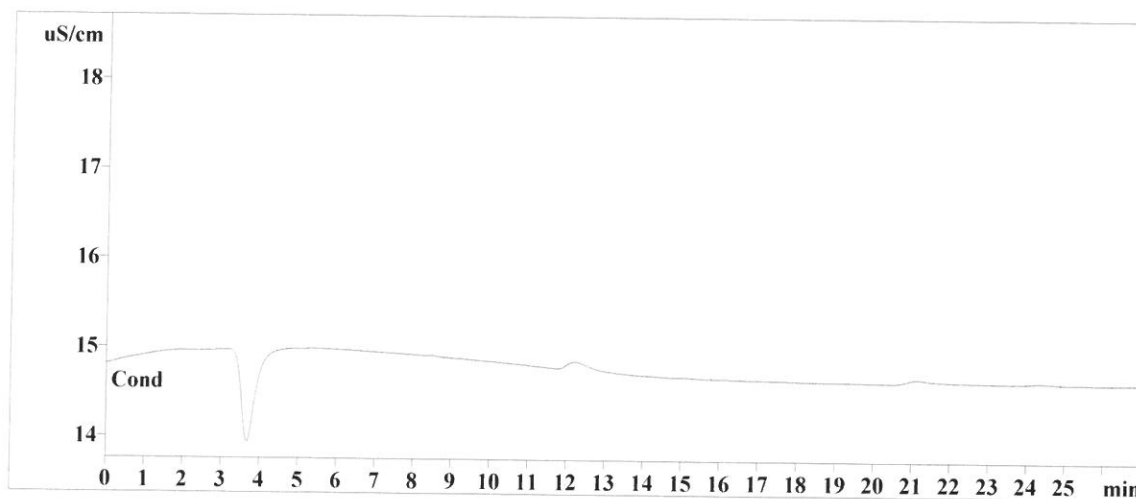
Ident: CCB
Analysis from: 10/20/2018 3:52:14 PM
File: _2018-10-20_

Last save: 10/23/2018 11:18:18 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64631

Last save: 10/18/2018 9:10:58 AM

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



Quantitation method: Custom

No peaks

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