

Clear table

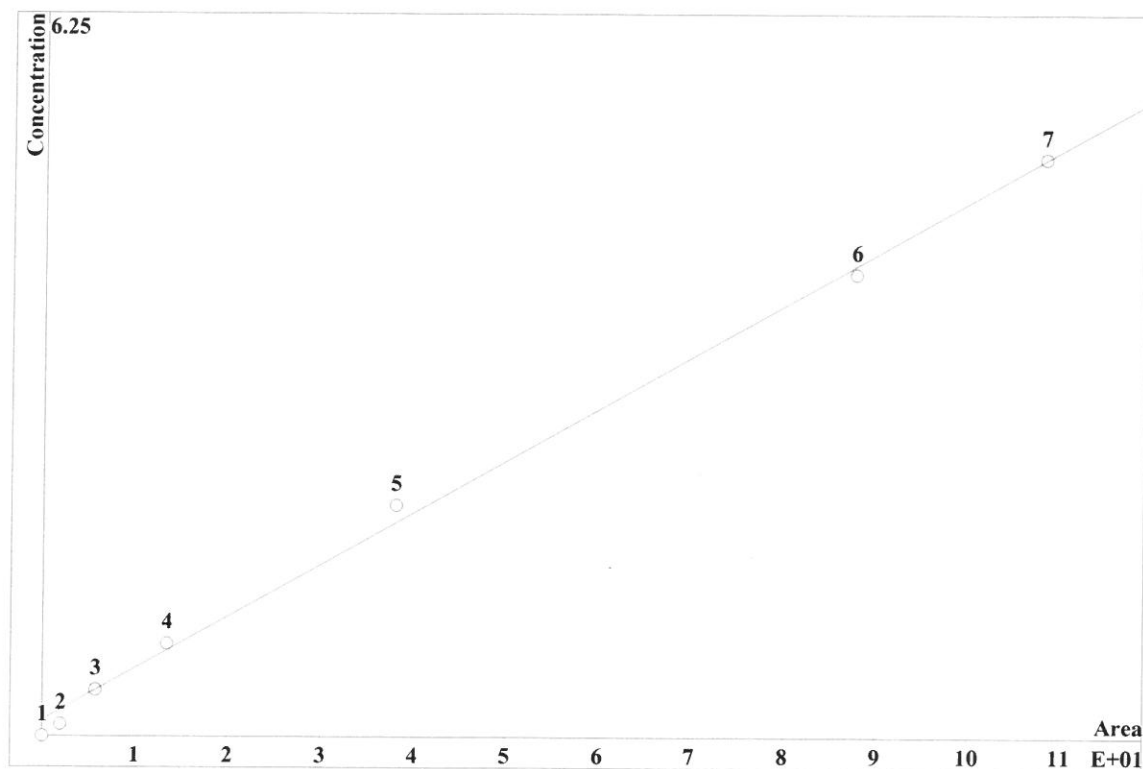
IC-1 300.0
8-16-18 AD

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	0.0000_2018-08-08_	8/8/18 10:27		AK/AP
STD2	0.2300	0.2400	0.2670	0.8790	0.2250	0.2400	1.3980	0.0000_2018-08-08_	8/8/18 10:58		AK/AP
STD3	0.4010	0.6200	0.6240	2.0930	0.5250	0.9270	3.1680	0.0000_2018-08-08_	8/8/18 11:29		AK/AP
STD4	0.7470	1.1820	1.1840	3.9570	0.9900	2.0840	5.9460	0.0000_2018-08-08_	8/8/18 11:59		AK/AP
STD5	1.8510	2.8630	2.8200	9.4730	2.3520	4.9900	13.9670	0.0000_2018-08-08_	8/8/18 12:30		AK/AP
STD6	4.0750	5.9780	5.9630	19.6320	4.9210	10.0710	29.6480	0.0000_2018-08-08_	8/8/18 13:01		AK/AP
STD7	4.9960	7.5680	7.5920	25.4650	6.3620	12.4380	38.1230	0.0000_2018-08-08_	8/8/18 14:16		AK/AP
ICV	1.8980	2.8500	2.8490	9.4310	2.3630	4.7050	14.1300	0.0000_2018-08-08_	8/8/18 15:46		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2018-08-08_	8/8/18 16:15		AK/AP
CCV	2.1090	2.9950	2.9950	9.8020	2.4540	5.6490	14.7920	0.0000_2018-08-15_	8/15/18 8:08		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2018-08-15_	8/15/18 8:37		AK/AP
LB97313BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2018-08-15_	8/15/18 9:07		AK/AP
LB97313BSW	1.9170	2.8630	2.8510	9.5210	2.3450	5.6850	14.2250	0.0000_2018-08-15_	8/15/18 9:37		AK/AP
J4495-01	0.2040	24.1680	0.0000	1.0410	2.8810	0.2930	55.7780	0.0000_2018-08-15_	8/15/18 14:38		AK/AP
J4495-02	0.3160	42.4200	0.0000	0.8540	0.0000	0.0000	42.4330	0.0000_2018-08-15_	8/15/18 15:08		AK/AP
J4495-05	0.2850	42.5320	0.0000	0.8580	0.0000	0.0000	42.7590	0.0000_2018-08-15_	8/15/18 15:38		AK/AP
J4495-06	0.2860	41.8740	0.0000	1.0840	0.0000	0.0000	1.0030	0.0000_2018-08-15_	8/15/18 16:08		AK/AP
J4495-07	0.4870	21.5140	0.0000	0.8980	0.0000	0.0000	4.0660	0.0000_2018-08-15_	8/15/18 16:38		AK/AP
J4495-09	0.5140	21.9190	0.0000	0.8950	0.0000	0.0000	4.4580	0.0000_2018-08-15_	8/15/18 17:08		AK/AP
J4495-10	0.0000	35.5300	0.0000	4.6420	0.2270	0.0000	8.7630	0.0000_2018-08-15_	8/15/18 17:38		AK/AP
CCV	1.4820	1828.3140	0.0000	2.1360	0.0000	0.0000	1.0590	0.0000_2018-08-15_	8/15/18 18:08		AK/AP
CCB	3.0280	2.9880	2.9610	9.8140	2.4290	5.8430	14.7130	0.0000_2018-08-15_	8/15/18 18:38		AK/AP
J4495-03MS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2018-08-15_	8/15/18 19:08		AK/AP
J4495-04MSD	2.4500	43.2660	2.7030	10.7300	2.5450	4.2550	57.5470	0.0000_2018-08-15_	8/15/18 19:38		AK/AP
J4495-01DLX2	3.1220	43.4400	2.6020	10.2750	2.4550	4.8780	57.2270	0.0000_2018-08-15_	8/15/18 20:08		AK/AP
J4495-02DLX2	0.0000	11.3570	0.0000	0.0000	1.4730	0.0000	25.7910	0.0000_2018-08-15_	8/15/18 20:37		AK/AP
CCV	0.0000	20.0090	0.0000	0.0000	0.0000	0.0000	20.0400	0.0000_2018-08-15_	8/15/18 21:07		AK/AP
CCB	2.3570	3.0500	3.0050	9.9180	2.4950	6.1150	14.8580	0.0000_2018-08-15_	8/15/18 21:37		AK/AP
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2018-08-15_	8/15/18 22:07		AK/AP

CALIBRATION OF COMPONENT F-

IC-1 Col
8-8-2018
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Method: ANIONS 08-08-18.mtw
Equation: $Q = 0.897452 \cdot A + 2.81752$
RSD: 5.321 %
Correlation coefficient: 0.998844

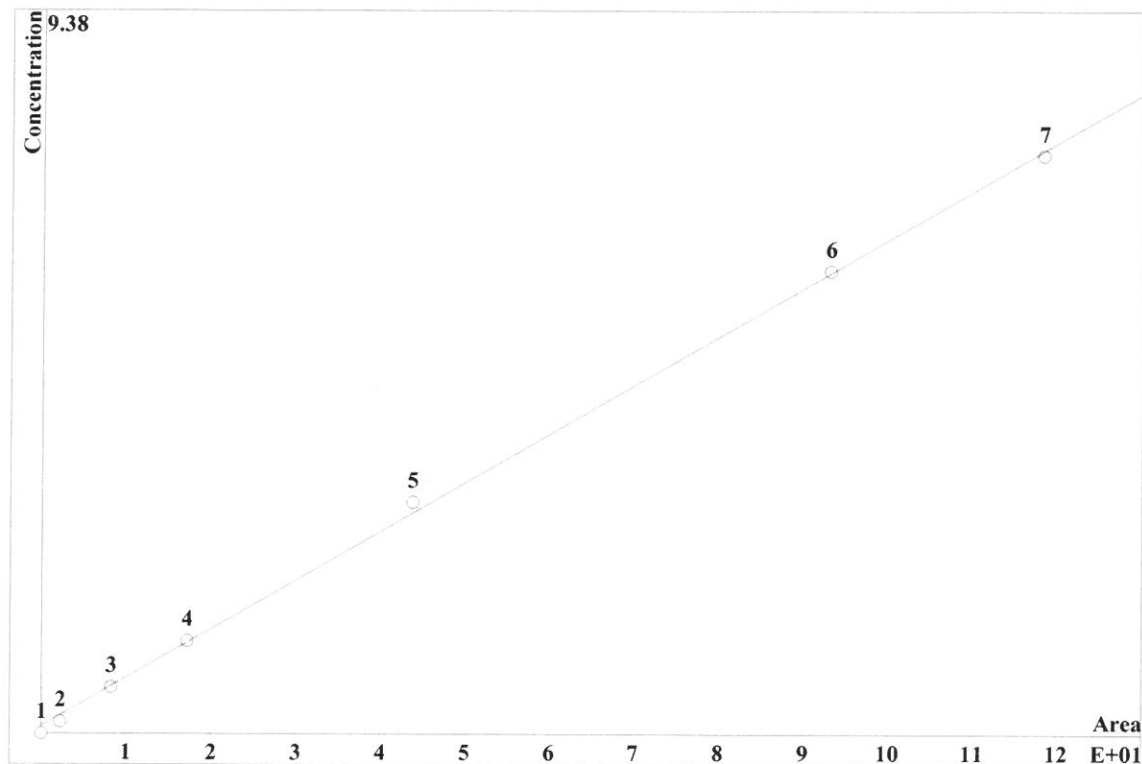


K3 = 0 K2 = 0 K1 = 0.897452 K0 = 2.81752
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.05922	1.992	0.1	20	5.913			Yes
3	0.2506	5.799	0.4	20	5.913			Yes
4	0.6213	13.5	0.8	20	5.913			Yes
5	1.733	38.11	2	20	5.913			Yes
6	3.937	87.67	4	20	5.913			Yes
7	5.069	108.2	5	20	5.913			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 08-08-18.mtw
 Equation: $Q = 1.26358 \cdot A + 1.9612$
 RSD: 2.941 %
 Correlation coefficient: 0.999647



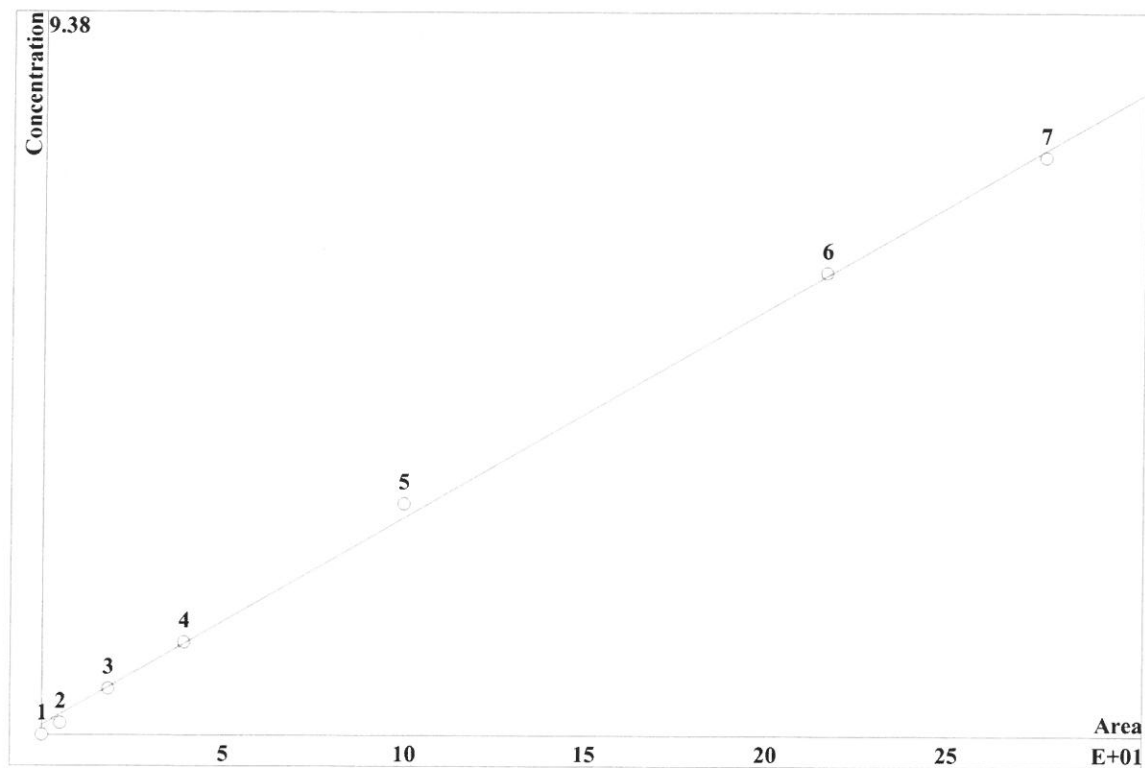
K3 = 0 K2 = 0 K1 = 1.26358 K0 = 1.9612

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	0.1298	2.244	0.15	20	8.858			Yes
3	0.4855	8.262	0.6	20	8.858			Yes
4	1.041	17.15	1.2	20	8.858			Yes
5	2.633	43.76	3	20	8.858			Yes
6	5.698	93.06	6	20	8.858			Yes
7	7.353	118.2	7.5	20	8.858			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 08-08-18.mtw
 Equation: $Q = 0.539386 \cdot A + 2.61869$
 RSD: 3.877 %
 Correlation coefficient: 0.999387



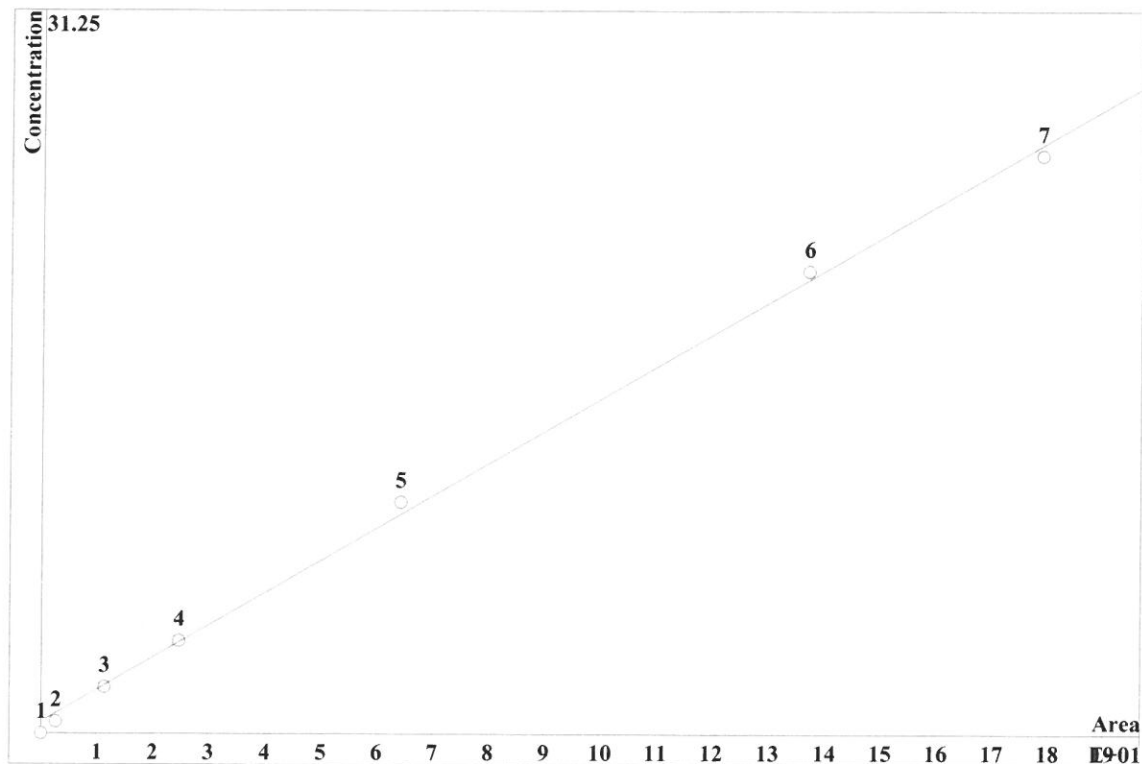
K3 = 0 K2 = 0 K1 = 0.539386 K0 = 2.61869

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	0.2381	5.037	0.15	20	10.65			Yes
3	0.9535	18.28	0.6	20	10.65			Yes
4	2.089	39.06	1.2	20	10.65			Yes
5	5.336	99.69	3	20	10.65			Yes
6	11.43	216.3	6	20	10.65			Yes
7	14.68	276.7	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 08-08-18.mtw
 Equation: $Q = 2.79295 \cdot A + 10.2076$
 RSD: 4.319 %
 Correlation coefficient: 0.999239



K3 = 0 K2 = 0 K1 = 2.79295 K0 = 10.2076

Base: Area

Ref.channel: Cond

ISTD:

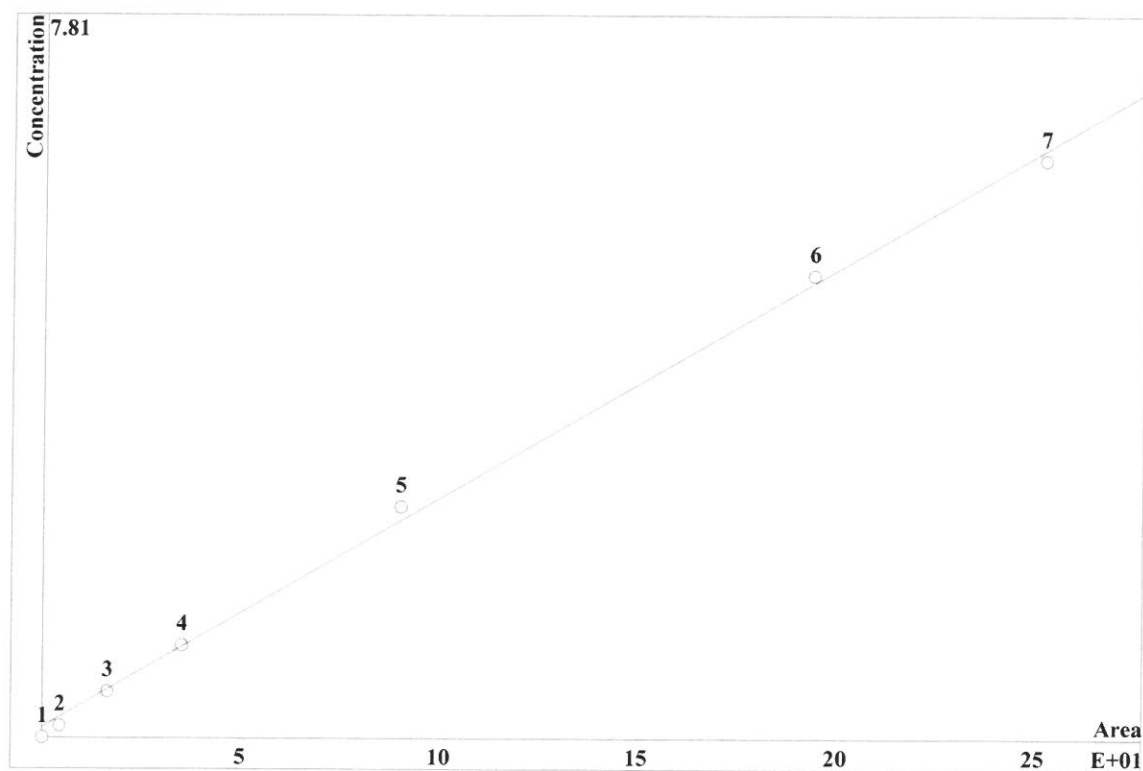
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1275	2.639	0.5	20	13.72			Yes
3	0.5499	11.33	2	20	13.72			Yes
4	1.212	24.68	4	20	13.72			Yes
5	3.1	64.18	10	20	13.72			Yes
6	6.535	136.9	20	20	13.72			Yes
7	8.264	178.7	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 08-08-18.mtw
 Equation: $Q = 0.494778 \cdot A + 2.34728$
 RSD: 4.427 %
 Correlation coefficient: 0.999200



K3 = 0 K2 = 0 K1 = 0.494778 K0 = 2.34728

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

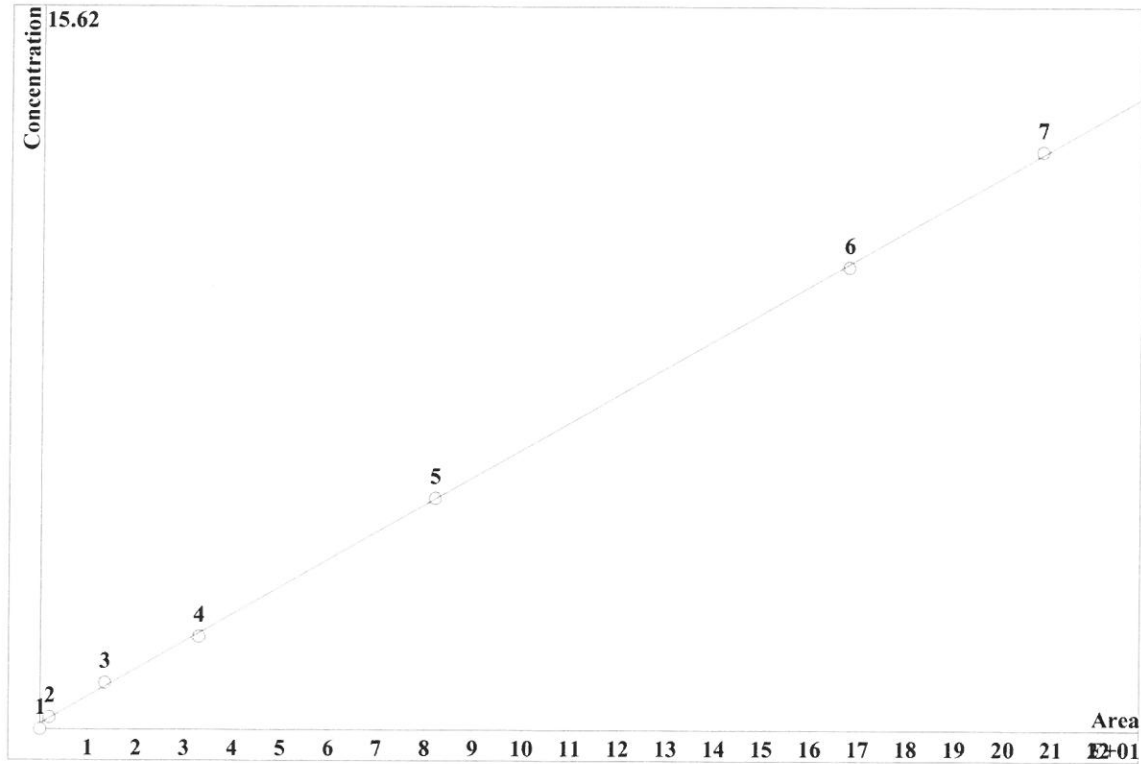
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.175	4.354	0.125	20	15.65			Yes
3	0.6995	16.48	0.5	20	15.65			Yes
4	1.523	35.29	1	20	15.65			Yes
5	3.953	90.33	2.5	20	15.65			Yes
6	8.746	194.2	5	20	15.65			Yes
7	11.46	252.4	6.25	20	15.65			Yes

± 0.25

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 08-08-18.mtw
 Equation: $Q = 1.18591 \cdot A + 2.51088$
 RSD: 1.429 %
 Correlation coefficient: 0.999917



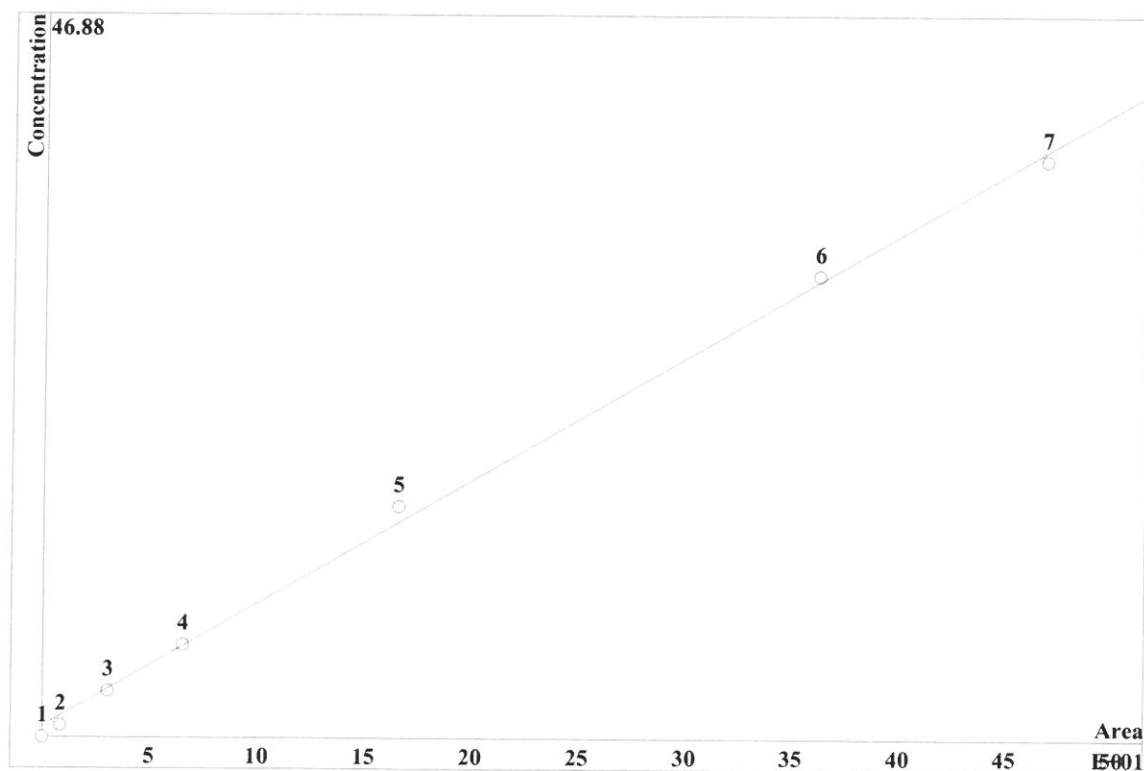
K3 = 0 K2 = 0 K1 = 1.18591 K0 = 2.51088

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	0.05354	1.934	0.25	20	21.48			Yes
3	0.393	13.51	1	20	21.48			Yes
4	0.9599	33.03	2	20	21.48			Yes
5	2.438	82.03	5	20	21.48			Yes
6	5.135	167.7	10	20	21.48			Yes
7	6.523	207.7	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 08-08-18.mtw
 Equation: $Q = 1.59824 \cdot A + 14.445$
 RSD: 4.634 %
 Correlation coefficient: 0.999123



K3 = 0 K2 = 0 K1 = 1.59824 K0 = 14.445

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	0.2676	8.457	0.75	20	25.17		Yes
3	1.017	30.61	3	20	25.17		Yes
4	2.197	65.36	6	20	25.17		Yes
5	5.703	165.7	15	20	25.17		Yes
6	12.63	362	30	20	25.17		Yes
7	16.41	468	37.5	20	25.17		Yes

Report date: 8/9/2018 8:37:23 AM
Printed by: wet

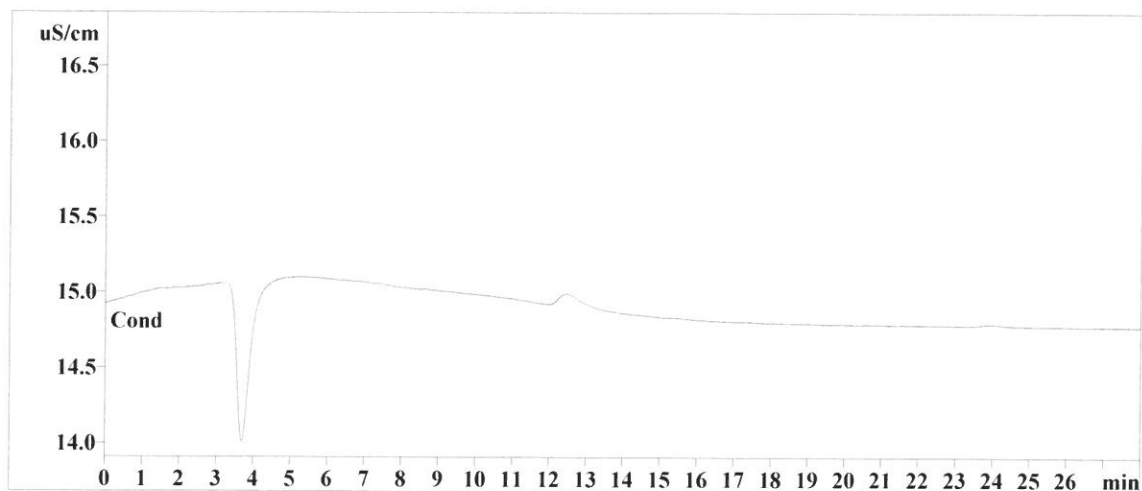
Ident: STD1
Analysis from: 8/8/2018 10:27:13 AM
File: _2018-08-08_

Last save: 8/8/2018 2:50:52 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63402

Last save: 8/8/2018 10:16:04 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: 8/9/2018 8:37:34 AM
Printed by: wet

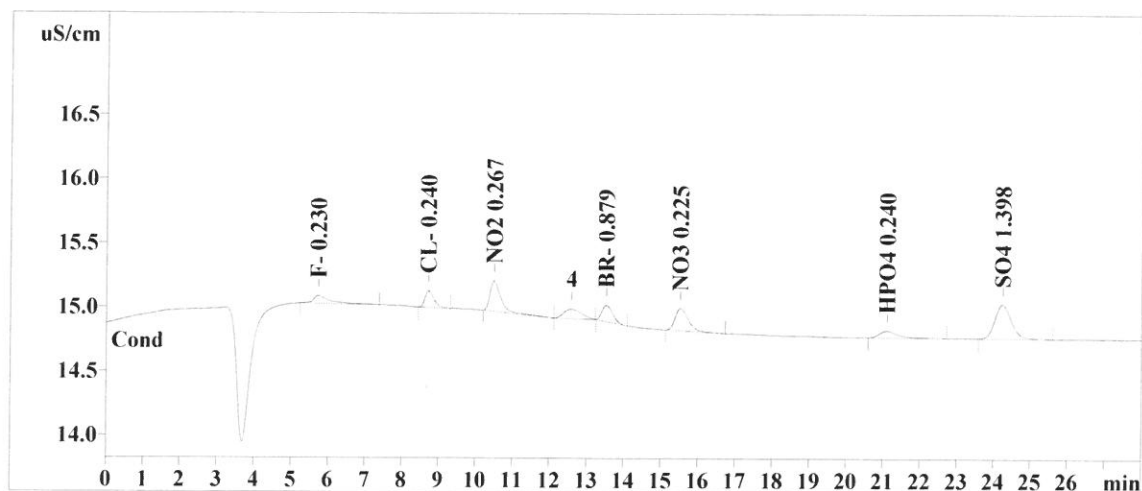
Ident: STD2
Analysis from: 8/8/2018 10:58:08 AM
File: _2018-08-08_

Last save: 8/8/2018 2:50:52 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63403

Last save: 8/8/2018 10:16:04 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	5.72	0.381	0.06	5.22	1.992	6.83	0.
2	8.72	0.263	0.13	11.47	2.244	7.70	0.
3	10.50	0.293	0.24	21.11	5.037	17.28	0.
4	13.53	0.328	0.13	11.31	2.639	9.05	0.
5	15.51	0.373	0.17	15.52	4.354	14.94	0.
6	21.10	0.501	0.05	4.72	1.934	6.64	0.
7	24.24	0.478	0.27	23.72	8.457	29.01	0.
7	28.00	0.374	1.05	93.07	26.658	91.45	0.

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Report date: 8/9/2018 8:37:41 AM
Printed by: wet

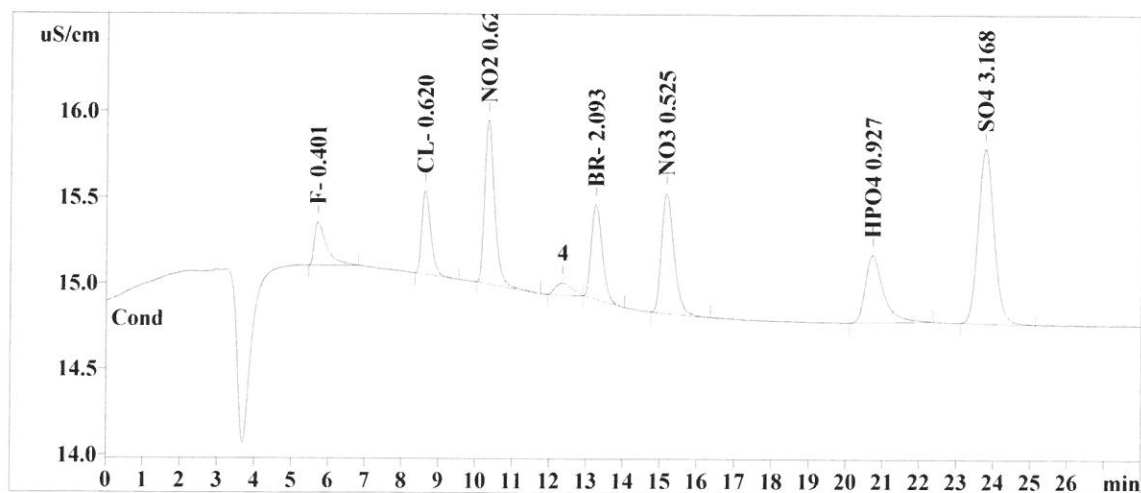
Ident: STD3
Analysis from: 8/8/2018 11:29:03 AM
File: _2018-08-08_

Last save: 8/8/2018 2:50:52 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63404

Last save: 8/8/2018 10:16:04 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	5.70	0.317	0.25	5.66	5.799	5.45	0.
2	8.61	0.257	0.49	10.98	8.262	7.76	0.
3	10.33	0.284	0.95	21.55	18.276	17.17	0.
4	13.24	0.319	0.55	12.44	11.333	10.65	0.
5	15.15	0.357	0.70	15.80	16.476	15.48	0.
6	20.71	0.485	0.39	8.88	13.513	12.70	0.
7	23.76	0.459	1.02	22.99	30.610	28.76	0.
7	28.00	0.354	4.35	98.31	104.270	97.98	0.

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Report date: 8/9/2018 8:37:49 AM
Printed by: wet

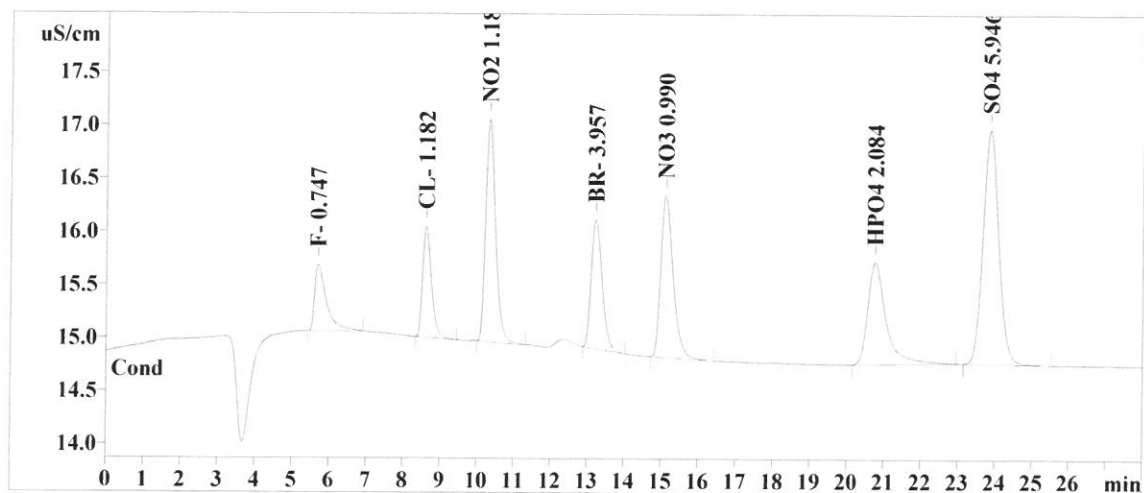
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Analysis from: 8/8/2018 11:59:57 AM
File: _2018-08-08_

Last save: 8/8/2018 2:50:52 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63405

Last save: 8/8/2018 10:16:04 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	5.70	0.300	0.62	6.43	13.505	5.92	0.
2	8.60	0.251	1.04	10.79	17.151	7.52	0.
3	10.32	0.282	2.09	21.66	39.057	17.12	0.
4	13.22	0.314	1.21	12.57	24.684	10.82	0.
5	15.10	0.350	1.52	15.79	35.287	15.47	0.
6	20.75	0.475	0.96	9.95	33.030	14.48	0.
7	23.85	0.454	2.20	22.78	65.364	28.66	0.
7	28.00	0.347	9.64	99.97	228.078	100.00	0.

This report has been created by IC Net
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Report date: 8/9/2018 8:37:56 AM
Printed by: wet

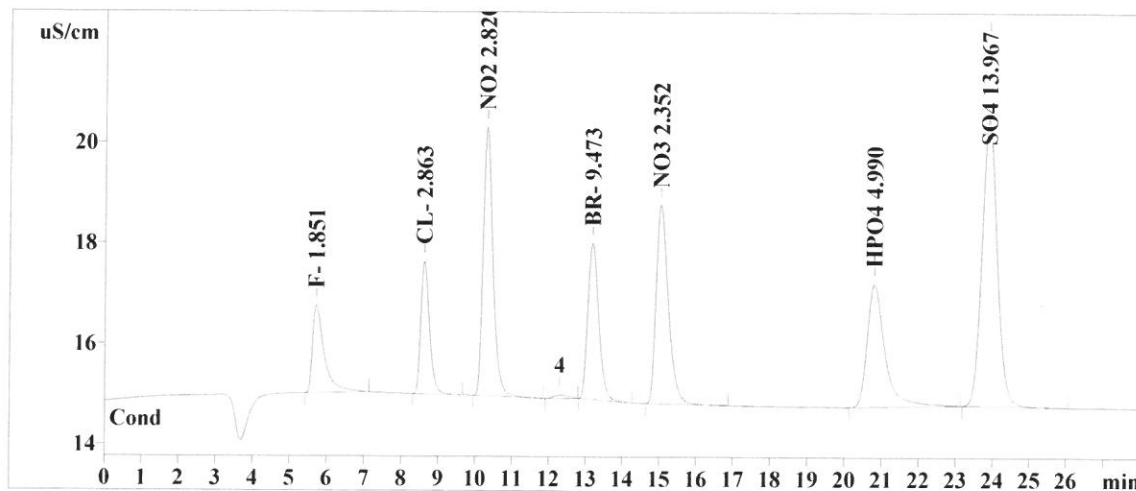
Ident: STD5
Analysis from: 8/8/2018 12:30:52 PM
File: _2018-08-08_

Last save: 8/8/2018 2:50:52 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63406

Last save: 8/8/2018 10:16:04 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	5.71	0.302	1.73	6.94	38.109	6.50	0.
2	8.60	0.252	2.63	10.54	43.762	7.47	0.
3	10.30	0.280	5.34	21.37	99.693	17.02	0.
4	13.17	0.320	3.10	12.41	64.179	10.95	0.
5	15.02	0.344	3.95	15.83	90.327	15.42	0.
6	20.79	0.466	2.44	9.76	82.033	14.00	0.
7	23.88	0.443	5.70	22.84	165.745	28.29	0.
7	28.00	0.344	24.89	99.70	583.847	99.65	0.

This report has been created by IC Net
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Report date: 8/9/2018 8:38:04 AM
Printed by: wet

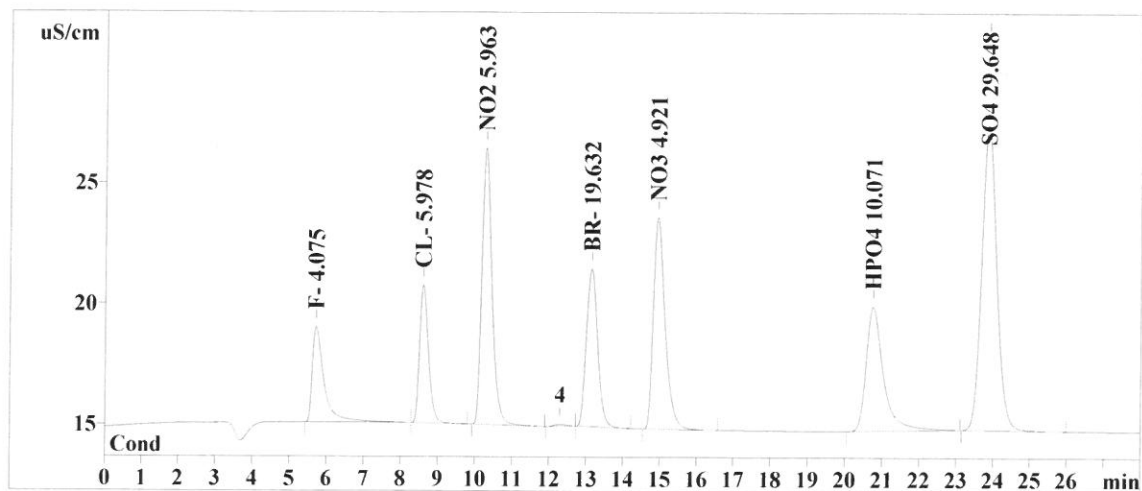
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Analysis from: 8/8/2018 1:01:47 PM
File: _2018-08-08_

Last save: 8/8/2018 2:50:52 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63407

Last save: 8/8/2018 10:16:04 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	5.71	0.295	3.94	7.26	87.665	6.96	0.
2	8.59	0.247	5.70	10.51	93.062	7.39	0.
3	10.27	0.284	11.43	21.10	216.263	17.17	0.
4	13.13	0.324	6.53	12.06	136.930	10.87	0.
5	14.93	0.332	8.75	16.14	194.161	15.41	0.
6	20.75	0.455	5.14	9.48	167.725	13.32	0.
7	23.85	0.435	12.63	23.32	361.966	28.74	0.
7	28.00	0.339	54.12	99.87	1257.773	99.86	0.

This report has been created by IC Net
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Report date: 8/9/2018 8:38:11 AM
Printed by: wet

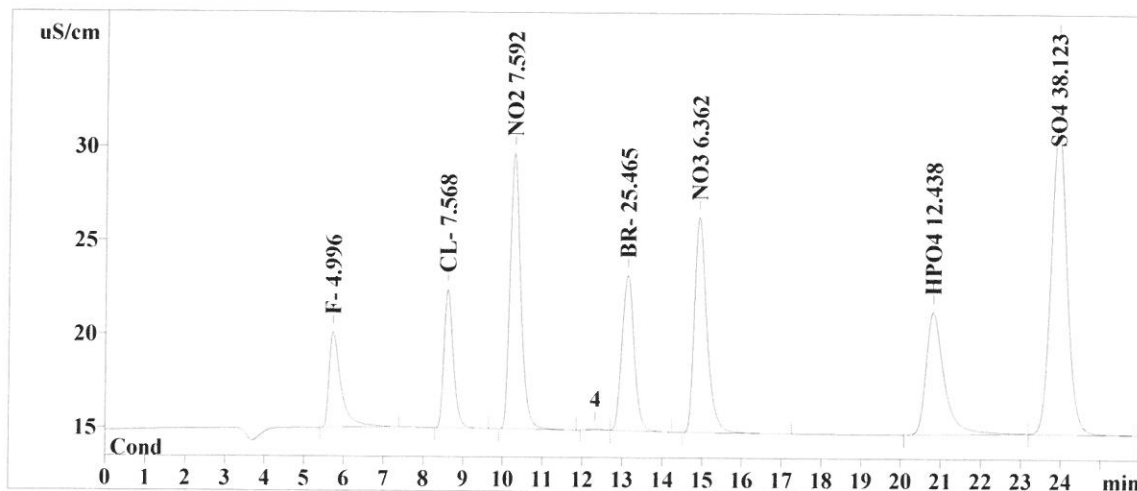
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Analysis from: 8/8/2018 2:16:31 PM
File: _2018-08-08_

Last save: 8/8/2018 3:41:02 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63409

Last save: 8/8/2018 2:51:00 PM

SAMPLE:
: AK/AP
Vial number: 13
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.295	5.07	7.26	108.203	6.71	0.
2	8.60	0.243	7.35	10.53	118.233	7.34	0.
3	10.27	0.284	14.68	21.03	276.656	17.17	0.
4	13.12	0.337	8.26	11.83	178.700	11.09	0.
5	14.90	0.329	11.46	16.41	252.421	15.66	0.
6	20.80	0.447	6.52	9.34	207.651	12.89	0.
7	23.91	0.434	16.41	23.50	468.028	29.04	0.
7	26.00	0.338	69.76	99.90	1609.892	99.90	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/9/2018 8:38:32 AM
Printed by: wet

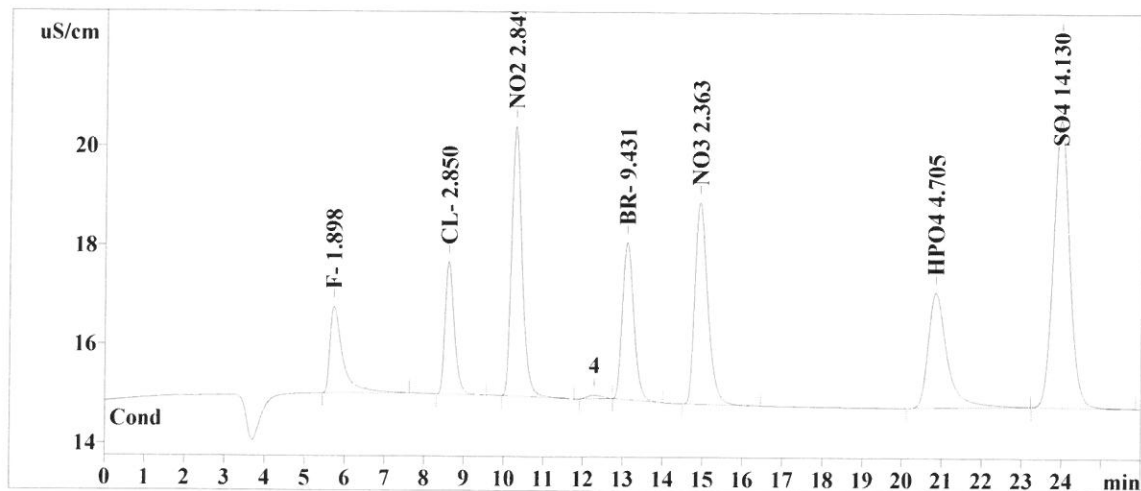
Ident: ICV
Analysis from: 8/8/2018 3:46:54 PM
File: _2018-08-08_

Last save: 8/8/2018 4:12:44 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63412

Last save: 8/8/2018 2:51:00 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.72	0.299	1.74	6.88	39.160	6.69	0.
2	8.60	0.247	2.67	10.56	43.560	7.44	0.
3	10.27	0.278	5.44	21.53	100.801	17.23	0.
4	13.10	0.311	3.17	12.53	63.883	10.92	0.
5	14.91	0.336	4.07	16.09	90.756	15.51	0.
6	20.84	0.460	2.32	9.18	77.235	13.20	0.
7	23.95	0.441	5.79	22.91	167.784	28.67	0.
7	26.00	0.339	25.22	99.69	583.178	99.67	0.

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Report date: 8/9/2018 8:38:51 AM
Printed by: wet

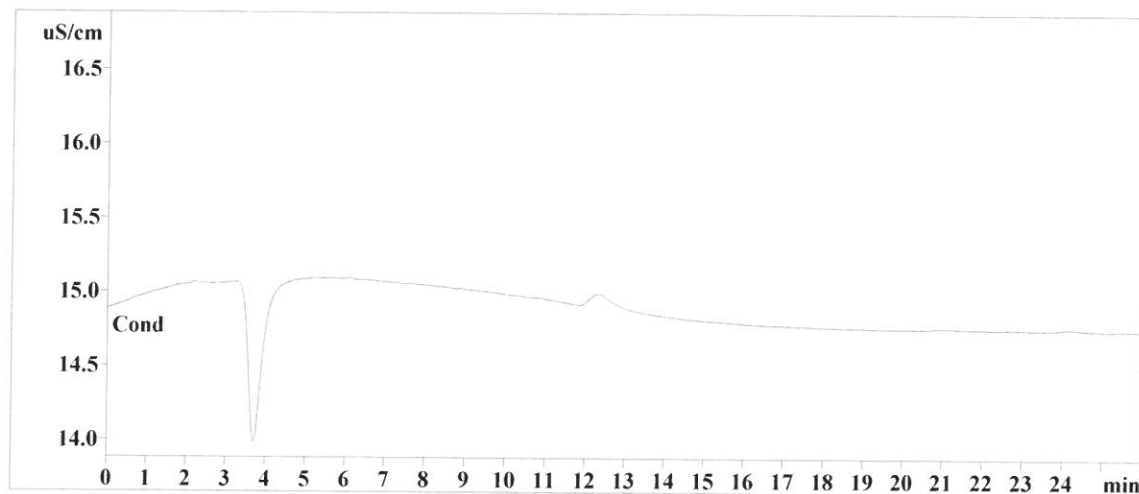
Ident: ICB
Analysis from: 8/8/2018 4:15:49 PM
File: _2018-08-08_

Last save: 8/9/2018 8:38:50 AM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63413

Last save: 8/8/2018 2:51:00 PM

SAMPLE:
: AK/AP
Vial number: 12
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: 8/16/2018 9:31:39 AM
 Printed by: wet

IC-1 8-16-18

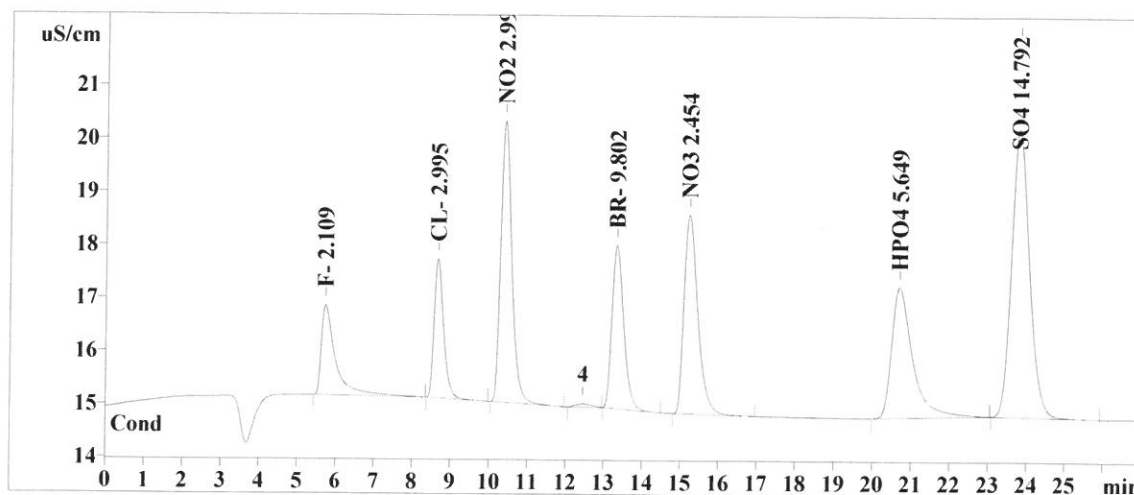
Ident: CCV
 Analysis from: 8/15/2018 8:08:02 AM
 File: _2018-08-15_

Last save: 8/15/2018 8:34:52 AM

Method: ANIONS 08-08-18.mtw
 Run operator: wet
 Analysis number: 63516

Last save: 8/14/2018 2:31:08 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	5.72	0.330	1.69	6.94	43.854	6.98	0.
2	8.66	0.265	2.62	10.76	45.850	7.30	0.
3	10.39	0.303	5.29	21.74	106.211	16.92	0.
4	13.32	0.332	3.07	12.60	66.536	10.60	0.
5	15.22	0.383	3.74	15.36	94.449	15.04	0.
6	20.69	0.529	2.46	10.09	93.159	14.84	0.
7	23.78	0.496	5.42	22.26	176.064	28.04	0.
7	27.00	0.377	24.28	99.75	626.123	99.72	0.

This report has been created by IC Net
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Report date: 8/16/2018 9:31:47 AM
Printed by: wet

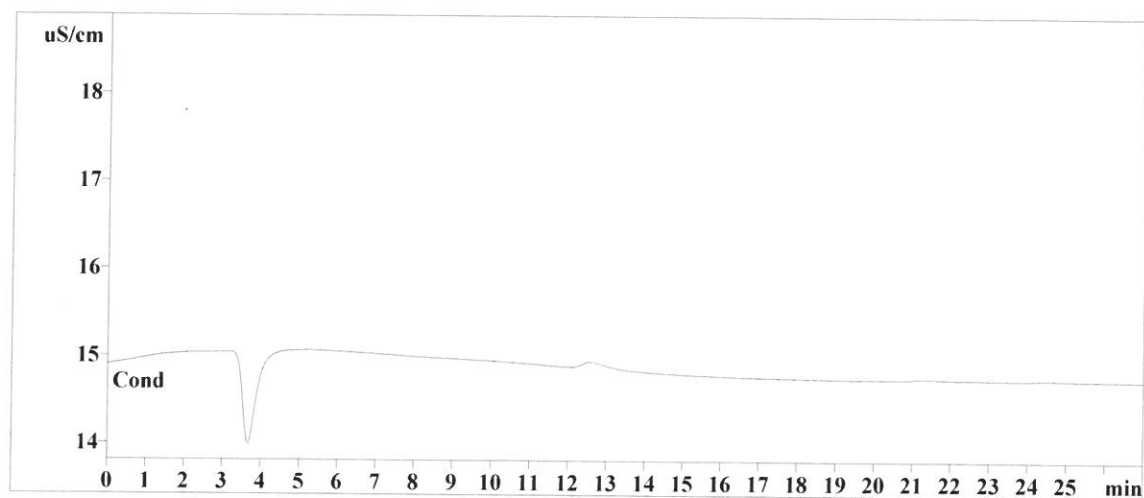
Ident: CCB
Analysis from: 8/15/2018 8:37:57 AM
File: _2018-08-15_

Last save: 8/15/2018 9:04:46 AM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63517

Last save: 8/14/2018 2:31:08 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: 8/16/2018 9:32:04 AM
Printed by: wet

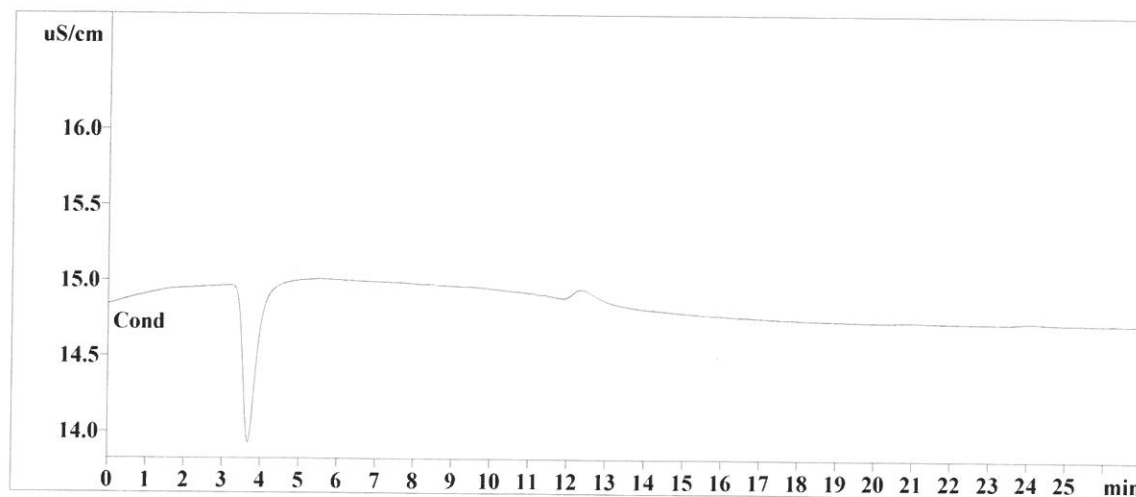
Ident: LB97313BLW
Analysis from: 8/15/2018 9:07:53 AM
File: _2018-08-15_

Last save: 8/16/2018 9:32:02 AM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63518

Last save: 8/14/2018 2:31:08 PM

SAMPLE:
:
Vial number: 4
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 9:32:12 AM
Printed by: wet

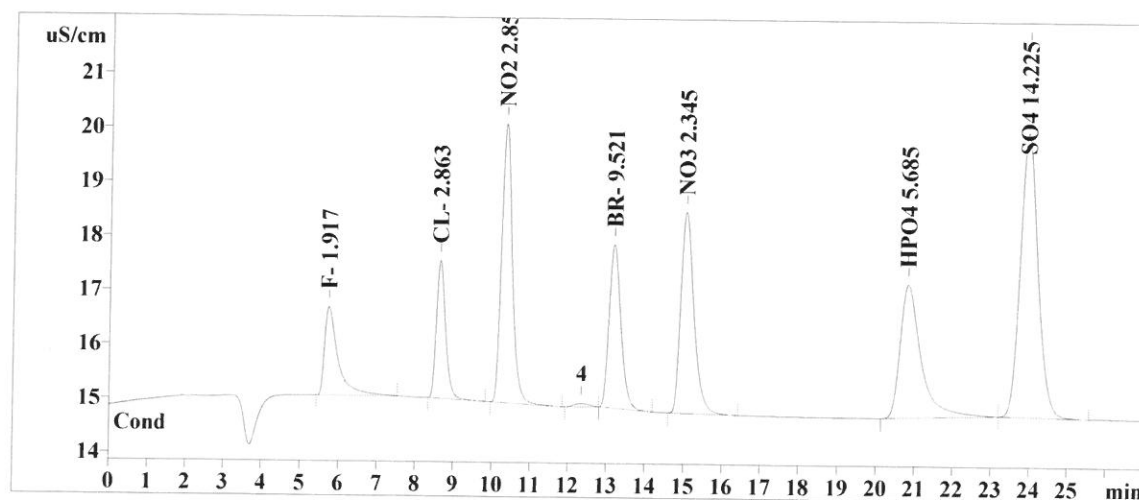
Ident: LB97313BSW
Analysis from: 8/15/2018 9:37:48 AM
File: _2018-08-15_

Last save: 8/15/2018 3:03:02 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63519

Last save: 8/14/2018 2:31:08 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	5.72	0.322	1.63	6.85	39.581	6.56	0.
2	8.61	0.261	2.54	10.67	43.765	7.25	0.
3	10.31	0.296	5.14	21.61	100.864	16.72	0.
4	13.16	0.328	3.02	12.67	64.521	10.70	0.
5	15.03	0.368	3.71	15.58	90.047	14.93	0.
6	20.80	0.529	2.46	10.32	93.758	15.54	0.
7	23.91	0.492	5.24	22.02	168.974	28.01	0.
7	27.00	0.371	23.74	99.72	601.510	99.71	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 9:32:43 AM
Printed by: wet

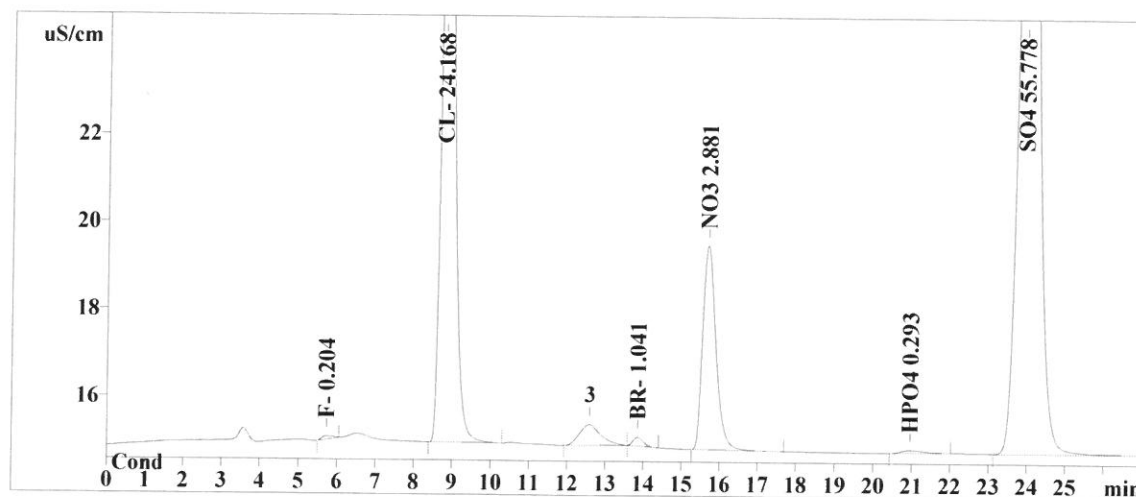
Ident: J4495-01
Analysis from: 8/15/2018 2:38:55 PM
File: _2018-08-15_

Last save: 8/15/2018 3:05:44 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63521

Last save: 8/14/2018 2:31:08 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	5.72	0.312	0.08	0.17	1.417	0.12	0.
2	8.76	0.336	17.53	39.07	380.978	31.54	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.86	0.300	0.20	0.45	3.799	0.31	0.
5	15.68	0.364	4.66	10.39	111.704	9.25	0.
6	20.95	0.626	0.07	0.15	2.829	0.23	0.
7	23.93	0.483	21.85	48.70	688.951	57.03	0.
7	27.00	0.346	44.39	98.93	1189.678	98.48	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 10:00:34 AM
Printed by: wet

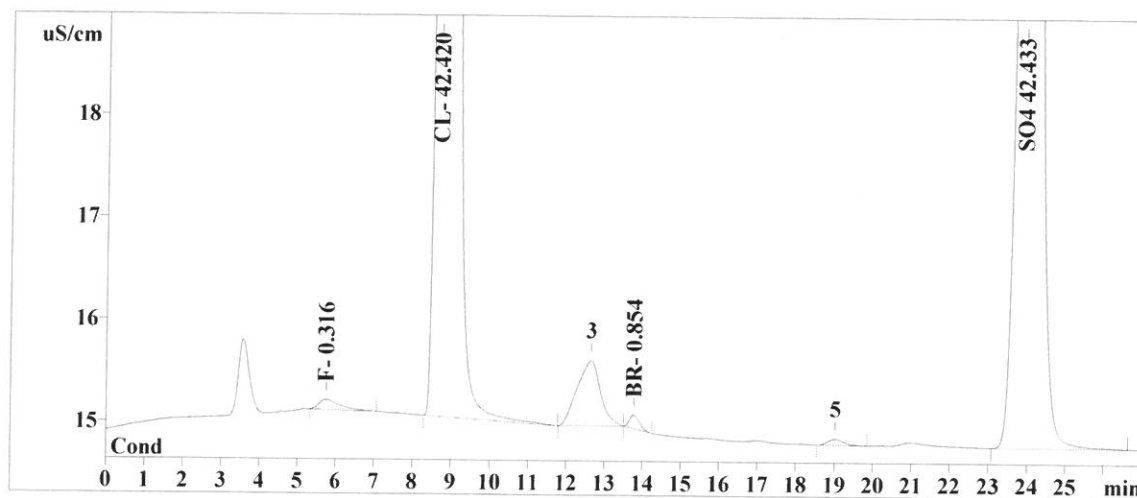
Ident: J4495-02
Analysis from: 8/15/2018 3:08:51 PM
File: _2018-08-15_

Last save: 8/16/2018 10:00:34 AM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63522

Last save: 8/14/2018 2:31:08 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	5.75	0.574	0.10	0.23	3.910	0.32	0.
2	8.69	0.426	24.98	59.01	669.870	54.59	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.78	0.301	0.13	0.31	2.460	0.20	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	23.91	0.486	16.42	38.79	521.958	42.54	0.
7	27.00	0.255	41.64	98.35	1198.197	97.65	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 10:00:03 AM
 Printed by: wet

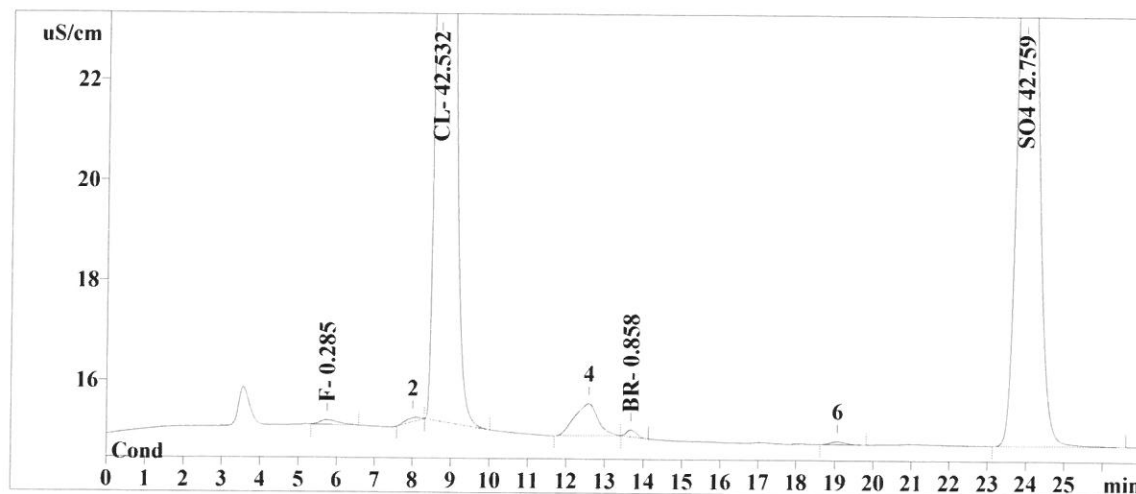
Ident: J4495-02DUP
 Analysis from: 8/15/2018 3:38:46 PM
 File: _2018-08-15_

Last save: 8/16/2018 10:00:04 AM

Method: ANIONS 08-08-18.mtw
 Run operator: wet
 Analysis number: 63523

Last save: 8/14/2018 2:31:08 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	5.74	0.525	0.09	0.22	3.221	0.26	0.
2	8.68	0.425	25.36	58.93	671.647	54.42	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.69	0.295	0.14	0.32	2.487	0.20	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	23.94	0.485	16.66	38.72	526.040	42.62	0.
7	27.00	0.247	42.25	98.18	1203.395	97.50	0.

This report has been created by IC Net
 METROHM LTD

Report date: 8/16/2018 9:41:38 AM
Printed by: wet

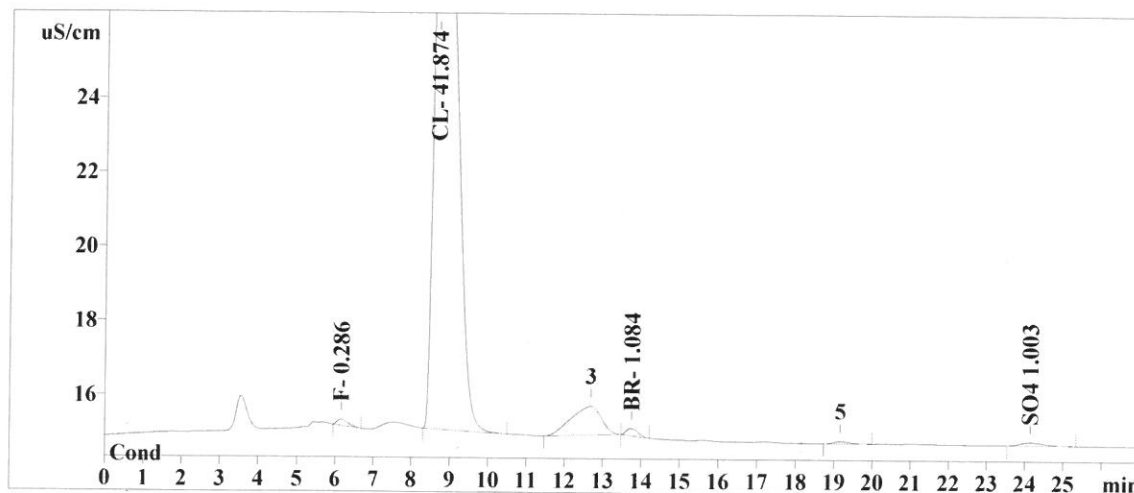
Ident: J4495-05
Analysis from: 8/15/2018 4:08:41 PM
File: _2018-08-15_

Last save: 8/15/2018 4:35:30 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63524

Last save: 8/14/2018 2:31:08 PM

SAMPLE:
: AK/AP
Vial number: 13
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	6.16	0.307	0.17	0.91	3.243	0.45	0.
2	8.67	0.647	17.05	92.97	661.238	92.29	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.76	0.351	0.19	1.05	4.110	0.57	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	24.13	0.629	0.09	0.48	3.513	0.49	0.
7	27.00	0.276	17.50	95.41	672.105	93.81	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 9:42:07 AM
Printed by: wet

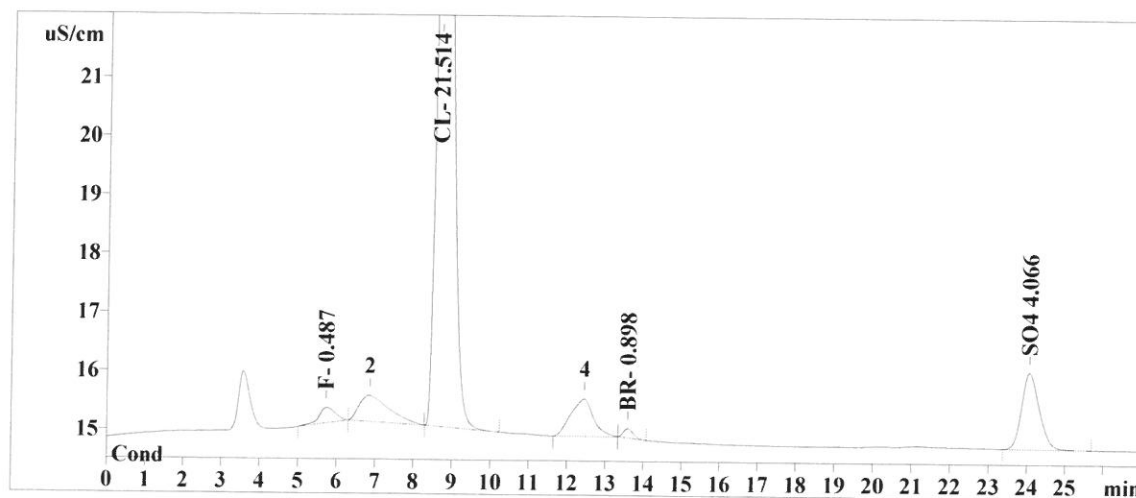
Ident: J4495-06
Analysis from: 8/15/2018 4:38:37 PM
File: _2018-08-15_

Last save: 8/15/2018 5:05:26 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63525

Last save: 8/14/2018 2:31:08 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.73	0.447	0.26	1.69	7.709	1.75	0.
2	8.64	0.434	12.59	81.79	338.967	76.79	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.60	0.280	0.16	1.03	2.778	0.63	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	24.06	0.493	1.30	8.46	41.846	9.48	0.
7	27.00	0.236	14.31	92.97	391.300	88.64	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 9:47:05 AM
Printed by: wet

Ident: J4495-07
Analysis from: 8/15/2018 5:08:32 PM
File: _2018-08-15_

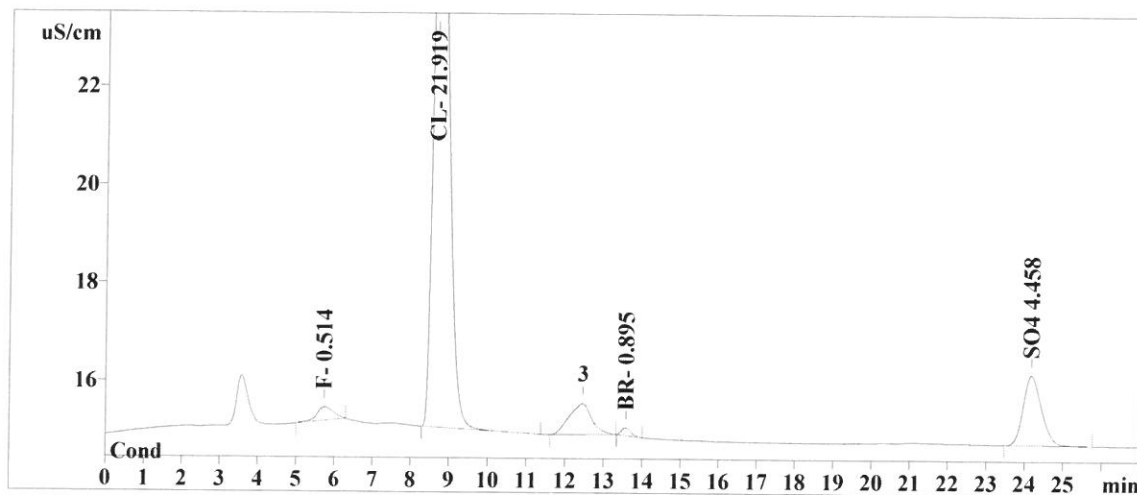
Last save: 8/16/2018 9:47:02 AM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63526

Last save: 8/14/2018 2:31:08 PM

SAMPLE:

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.73	0.454	0.28	1.80	8.320	1.94	0.
2	8.64	0.432	12.87	83.75	345.388	80.48	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.57	0.278	0.16	1.04	2.751	0.64	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	24.17	0.503	1.43	9.28	46.746	10.89	0.
7	27.00	0.238	14.73	95.86	403.204	93.95	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 9:47:30 AM
Printed by: wet

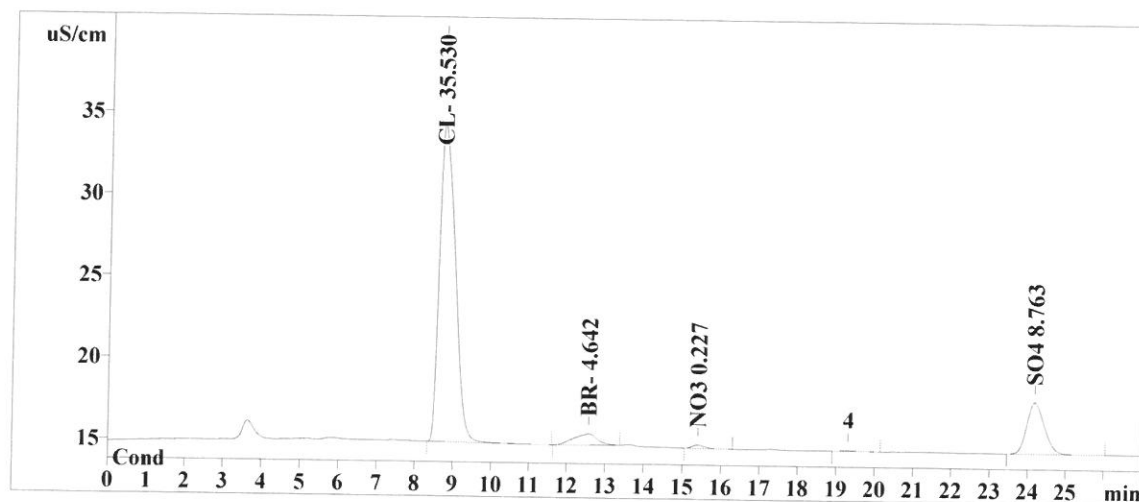
Ident: J4495-09
Analysis from: 8/15/2018 5:38:27 PM
File: _2018-08-15_

Last save: 8/15/2018 6:05:16 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63527

Last save: 8/14/2018 2:31:08 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.70	0.468	19.46	82.73	560.820	80.52	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	12.57	0.703	0.68	2.88	29.586	4.25	0.
5	15.40	0.344	0.20	0.84	4.438	0.64	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.17	0.493	3.15	13.38	100.622	14.45	0.
7	27.00	0.287	23.48	99.83	695.467	99.85	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 9:53:12 AM
Printed by: wet

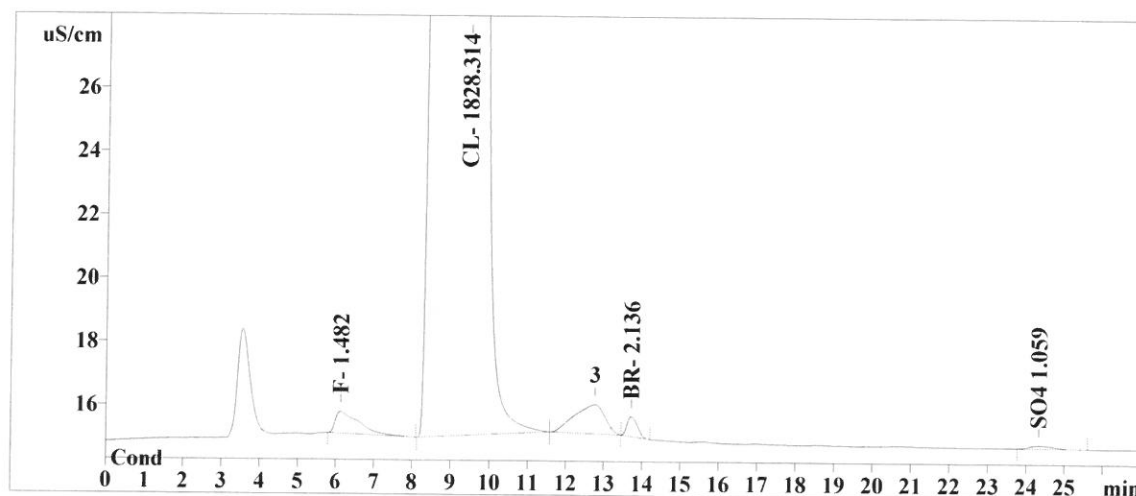
Ident: J4495-10
Analysis from: 8/15/2018 6:08:22 PM
File: _2018-08-15_

Last save: 8/15/2018 6:35:12 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63528

Last save: 8/14/2018 2:31:08 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	6.13	0.701	0.70	0.11	29.887	0.10	0.
2	9.43	0.781	629.28	99.60	28937.032	99.67	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.72	0.306	0.62	0.10	11.644	0.04	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	24.32	0.637	0.10	0.02	4.214	0.01	0.
7	27.00	0.346	630.70	99.83	28982.778	99.82	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 9:53:28 AM
Printed by: wet

Ident: CCV
Analysis from: 8/15/2018 6:38:17 PM
File: _2018-08-15_

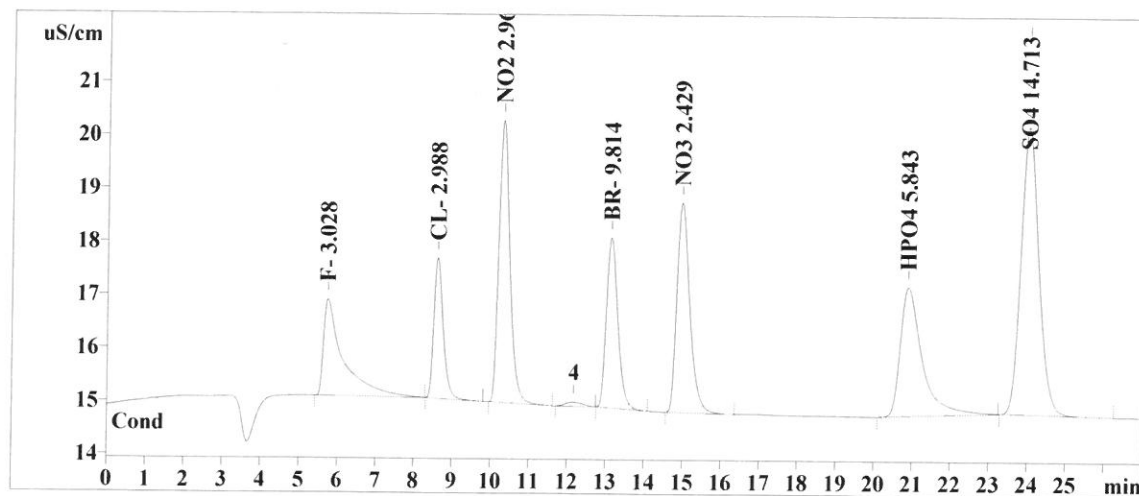
Last save: 8/15/2018 7:05:06 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63529

Last save: 8/14/2018 2:31:08 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	5.73	0.396	1.81	7.29	64.341	9.91	0.
2	8.60	0.261	2.64	10.65	45.741	7.05	0.
3	10.29	0.298	5.30	21.40	104.920	16.17	0.
4	13.12	0.319	3.20	12.90	66.622	10.26	0.
5	14.96	0.360	3.94	15.89	93.434	14.40	0.
6	20.88	0.548	2.42	9.76	96.431	14.86	0.
7	24.00	0.496	5.40	21.79	175.076	26.97	0.
7	27.00	0.383	24.70	99.68	646.564	99.62	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 9:53:46 AM
Printed by: wet

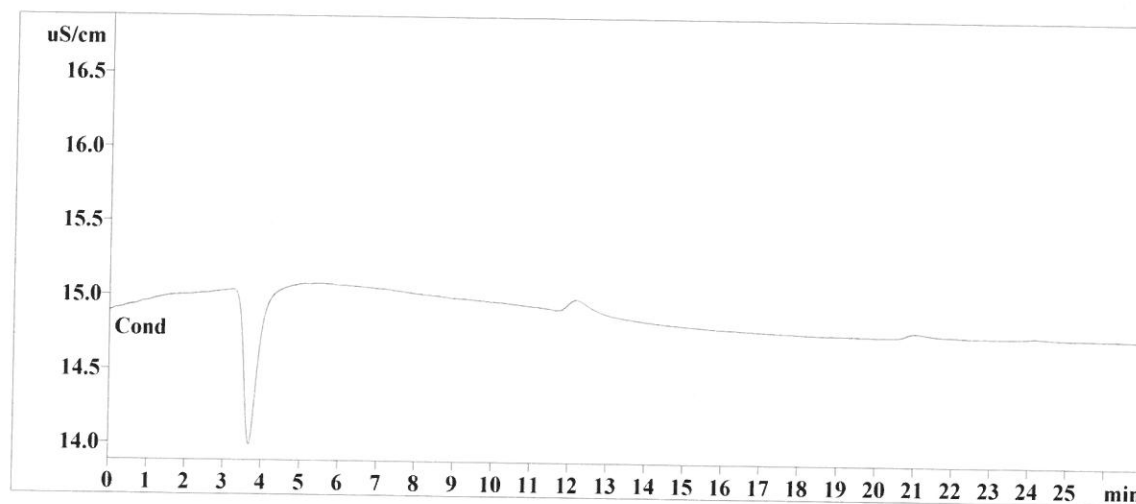
Ident: CCB
Analysis from: 8/15/2018 7:08:12 PM
File: _2018-08-15_

Last save: 8/16/2018 9:53:44 AM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63530

Last save: 8/14/2018 2:31:08 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: 8/16/2018 10:03:13 AM
Printed by: wet

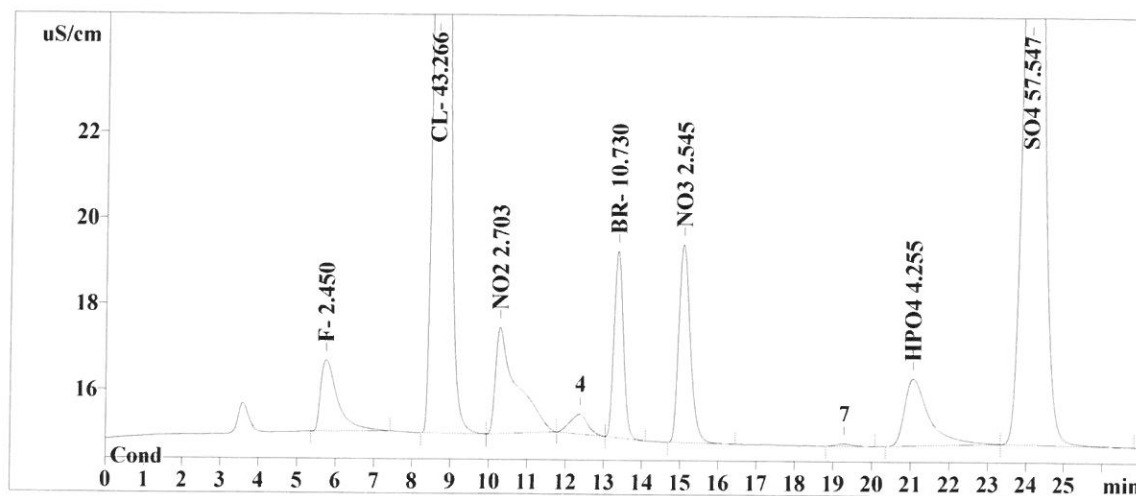
Ident: J4495-03MS
Analysis from: 8/15/2018 7:38:08 PM
File: _2018-08-15_

Last save: 8/15/2018 8:04:58 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63531

Last save: 8/14/2018 2:31:08 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.436	1.65	2.44	51.469	2.86	0.
2	8.61	0.359	29.86	43.99	683.257	37.98	0.
3	10.28	0.450	2.47	3.64	95.386	5.30	0.
4	13.35	0.263	4.34	6.40	73.182	4.07	0.
5	15.07	0.326	4.61	6.80	98.139	5.46	0.
6	21.05	0.602	1.56	2.30	69.641	3.87	0.
7	24.07	0.480	22.84	33.65	711.089	39.53	0.
7	27.00	0.417	67.34	99.22	1782.162	99.07	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/16/2018 10:03:32 AM
Printed by: wet

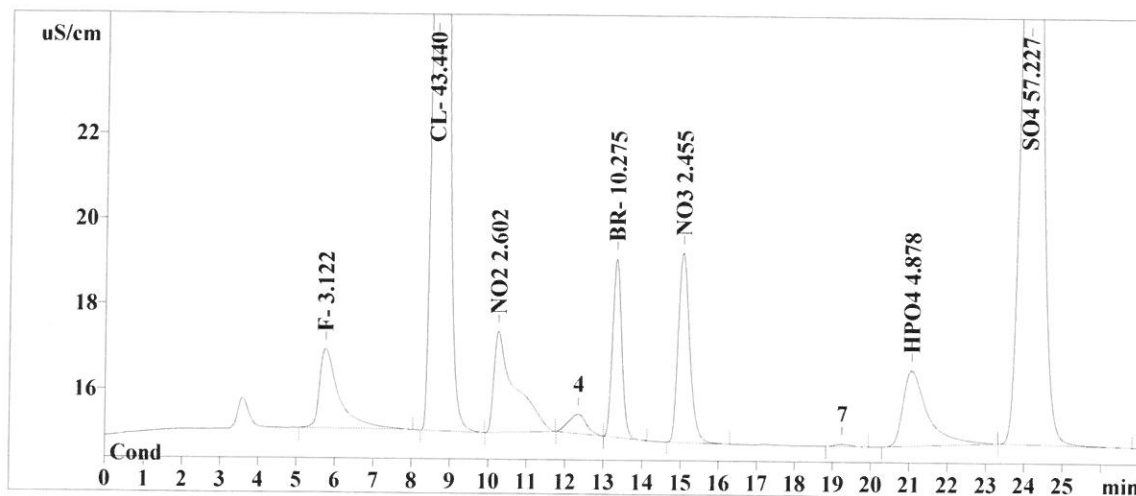
Ident: J4495-04MSD
Analysis from: 8/15/2018 8:08:03 PM
File: _2018-08-15_

Last save: 8/15/2018 8:34:52 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63532

Last save: 8/14/2018 2:31:08 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.74	0.463	1.86	2.73	66.429	3.67	0.
2	8.60	0.359	30.03	44.24	686.024	37.86	0.
3	10.25	0.431	2.37	3.49	91.635	5.06	0.
4	13.31	0.260	4.18	6.16	69.921	3.86	0.
5	15.04	0.326	4.44	6.54	94.497	5.21	0.
6	21.05	0.610	1.77	2.61	80.142	4.42	0.
7	24.07	0.480	22.72	33.47	707.085	39.02	0.
7	27.00	0.418	67.36	99.24	1795.734	99.09	0.

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Report date: 8/16/2018 10:08:43 AM
Printed by: wet

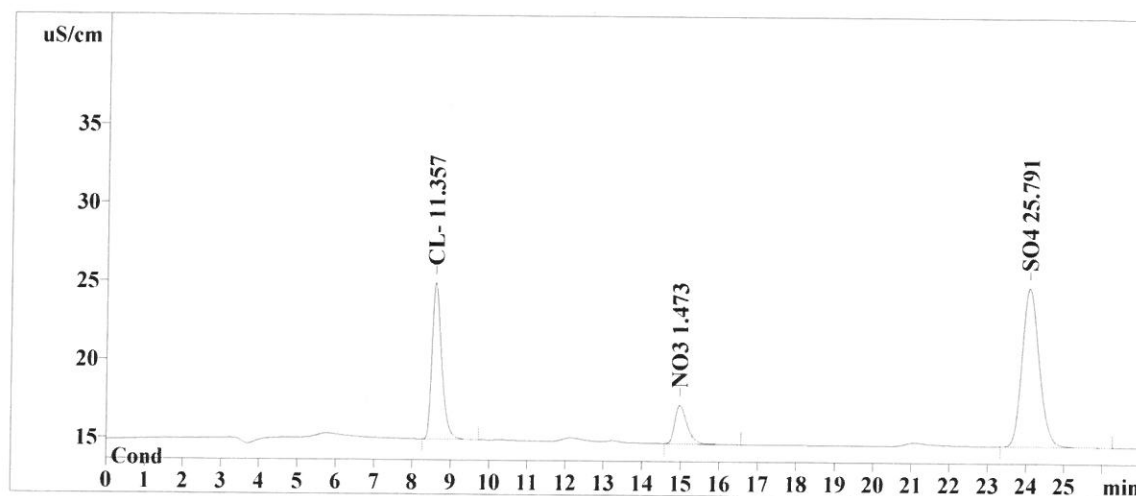
Ident: J4495-01DLX2
Analysis from: 8/15/2018 8:37:58 PM
File: _2018-08-15_

Last save: 8/16/2018 10:08:44 AM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63533

Last save: 8/14/2018 2:31:08 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	8.59	0.271	9.97	44.25	178.206	32.60	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	14.98	0.340	2.45	10.88	54.809	10.03	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.07	0.474	10.11	44.87	313.700	57.38	0.
7	27.00	0.155	22.52	99.99	546.715	100.00	0.

This report has been created by IC Net
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Report date: 8/16/2018 10:09:10 AM
Printed by: wet

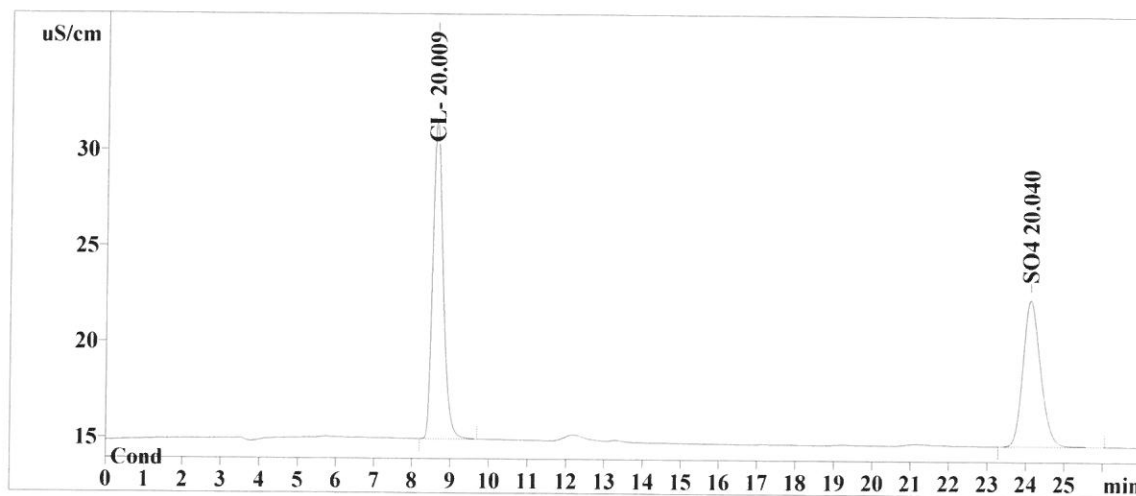
Ident: J4495-02DLX2
Analysis from: 8/15/2018 9:07:53 PM
File: _2018-08-15_

Last save: 8/16/2018 10:09:10 AM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63534

Last save: 8/14/2018 2:31:08 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	8.60	0.288	16.63	68.55	315.153	56.59	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	24.10	0.484	7.63	31.45	241.742	43.41	0.
7	27.00	0.110	24.26	100.00	556.895	100.00	0.

This report has been created by IC Net
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Report date: 8/16/2018 10:09:21 AM
Printed by: wet

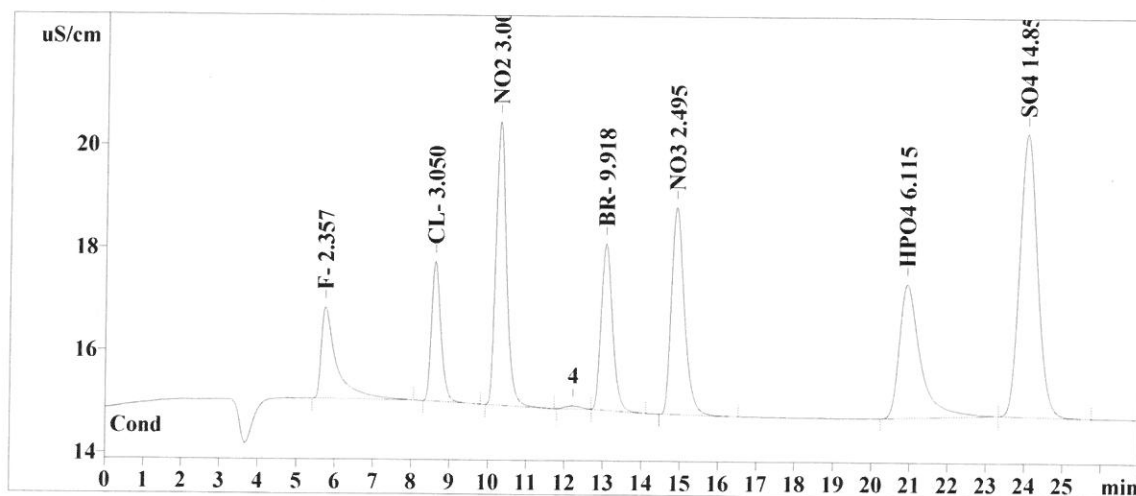
Ident: CCV
Analysis from: 8/15/2018 9:37:48 PM
File: _2018-08-15_

Last save: 8/15/2018 10:04:38 PM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63535

Last save: 8/14/2018 2:31:08 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	5.73	0.343	1.77	6.96	49.395	7.65	0.
2	8.60	0.260	2.72	10.68	46.727	7.24	0.
3	10.27	0.292	5.52	21.70	106.550	16.50	0.
4	13.05	0.319	3.24	12.72	67.370	10.43	0.
5	14.88	0.362	4.03	15.84	96.113	14.88	0.
6	20.91	0.536	2.60	10.23	101.006	15.64	0.
7	24.04	0.492	5.50	21.63	176.896	27.39	0.
7	27.00	0.372	25.37	99.76	644.057	99.74	0.

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METROHM LTD

Report date: 8/16/2018 10:09:38 AM
Printed by: wet

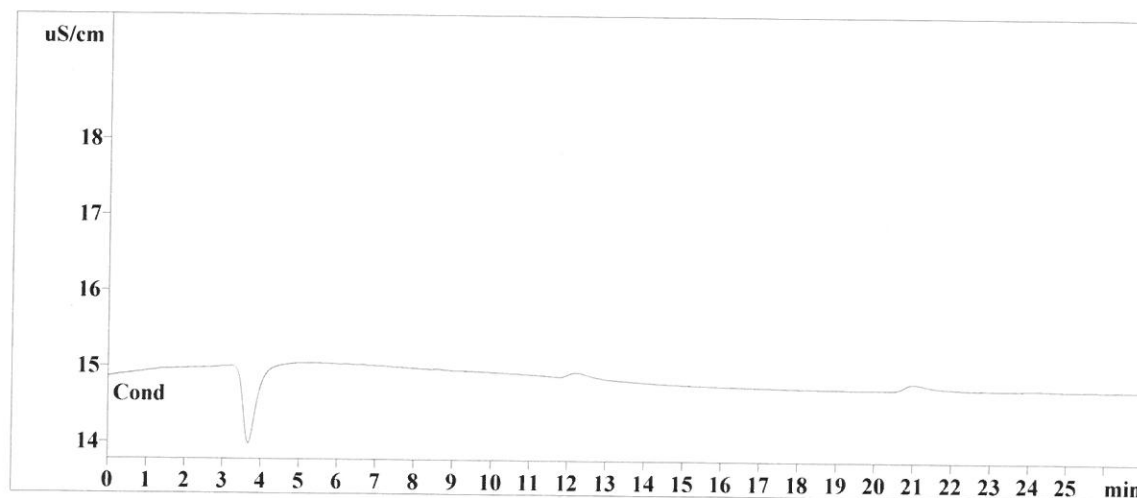
Ident: CCB
Analysis from: 8/15/2018 10:07:43 PM
File: _2018-08-15_

Last save: 8/16/2018 10:09:36 AM

Method: ANIONS 08-08-18.mtw
Run operator: wet
Analysis number: 63536

Last save: 8/14/2018 2:31:08 PM

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



Quantitation method: Custom

No peaks

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