

Clear table

Instrument ID: IC-2										Analyst : IZ		Method: 300.0 / 9056A	
ident	concentra tion F-	concentratio n CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst		
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-09-11_	9/11/23 17:54		IZ/MA		
STD2	-0.0420	0.7320	0.7110	2.3210	0.5870	0.7400	3.6620	0.0000_2023-09-11_	9/11/23 18:25		IZ/MA		
STD3	0.9320	1.2860	1.2620	4.2820	1.0380	2.3880	6.2990	0.0000_2023-09-11_	9/11/23 18:55		IZ/MA		
STD4	1.4370	1.4900	1.4750	4.9450	1.2550	2.1050	7.4650	0.0000_2023-09-11_	9/11/23 19:26		IZ/MA		
STD5	2.1490	2.7670	2.8290	9.3540	2.3650	5.4280	13.9680	0.0000_2023-09-11_	9/11/23 19:57		IZ/MA		
STD6	3.7660	5.8590	5.8940	19.6740	4.8750	10.9680	29.2970	0.0000_2023-09-11_	9/11/23 20:27		IZ/MA		
STD7	4.9580	7.6670	7.6290	25.4240	6.3800	11.3710	38.3080	0.0000_2023-09-11_	9/11/23 20:58		IZ/MA		
ICV	1.9000	2.9720	2.9520	9.8750	2.4360	5.4900	14.3080	0.0000_2023-09-11_	9/11/23 21:59		IZ/MA		
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-09-11_	9/11/23 22:30		IZ/MA		
CCV	1.8640	2.9120	2.8880	9.6440	2.3750	5.0560	13.9320	0.0000_2023-09-12_	9/12/23 11:27		IZ/MA		
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-09-12_	9/12/23 11:59		IZ/MA		
O4299-09	0.0000	0.0000	0.0000	47.6920	0.0000	0.0000	1350.9110	0.0000_2023-09-12_	9/12/23 12:29		IZ/MA		
O4299-10	0.1380	18.2570	0.0000	0.0000	0.2720	0.0000	5.0160	0.0000_2023-09-12_	9/12/23 13:00		IZ/MA		
O4343-01	0.0720	812.3680	0.0000	2.6630	0.5560	0.0000	35.7340	0.0000_2023-09-12_	9/12/23 13:31		IZ/MA		
O4342-02	0.6440	396.8120	0.0000	1.8500	2.1360	0.0000	134.6940	0.0000_2023-09-12_	9/12/23 14:01		IZ/MA		
O4342-02MS	3.1100	378.5770	2.6470	11.9980	4.7260	10.3520	145.6570	0.0000_2023-09-12_	9/12/23 14:32		IZ/MA		
O4342-02MSD	3.0420	382.3260	2.6960	12.2220	4.8080	10.7880	147.8310	0.0000_2023-09-12_	9/12/23 15:02		IZ/MA		
LB127269BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-09-12_	9/12/23 16:04		IZ/MA		
LB127269BSW	1.7170	2.9670	2.9560	9.3140	2.4260	5.4860	14.2690	0.0000_2023-09-12_	9/12/23 16:35		IZ/MA		
O4152-01	0.0000	0.0000	0.0000	2.5550	0.3380	0.0000	33.8840	0.0000_2023-09-12_	9/12/23 17:36		IZ/MA		
CCV	1.6860	3.0240	2.9540	9.8170	2.4340	5.6100	14.3260	0.0000_2023-09-12_	9/12/23 18:07		IZ/MA		
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-09-12_	9/12/23 18:37		IZ/MA		
O4238-01X10	0.1160	224.1850	0.0000	1.6440	0.0000	0.8340	1.4920	0.0000_2023-09-12_	9/12/23 19:08		IZ/MA		
O4238-01DLX300	0.0000	6.0820	0.0000	0.0000	0.0000	0.0000	1.1210	0.0000_2023-09-12_	9/12/23 19:39		IZ/MA		
O4388-02	-0.1040	4.0790	0.0000	0.0000	0.0000	0.0000	4.7230	0.0000_2023-09-12_	9/12/23 20:09		IZ/MA		
O4388-03	0.0000	3.4800	0.0000	0.0000	0.0000	0.0000	7.6840	0.0000_2023-09-12_	9/12/23 20:40		IZ/MA		
O4388-04	0.0000	3.4740	0.0000	0.0000	0.0000	0.0000	6.4220	0.0000_2023-09-12_	9/12/23 21:11		IZ/MA		
CCV	1.9350	3.2030	2.9810	9.7830	2.4170	5.1530	14.2740	0.0000_2023-09-12_	9/12/23 21:41		IZ/MA		
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-09-12_	9/12/23 22:12		IZ/MA		

Clear table

Instrument ID: IC-2 Analyst: IZ Method: 300.0 / 9056A

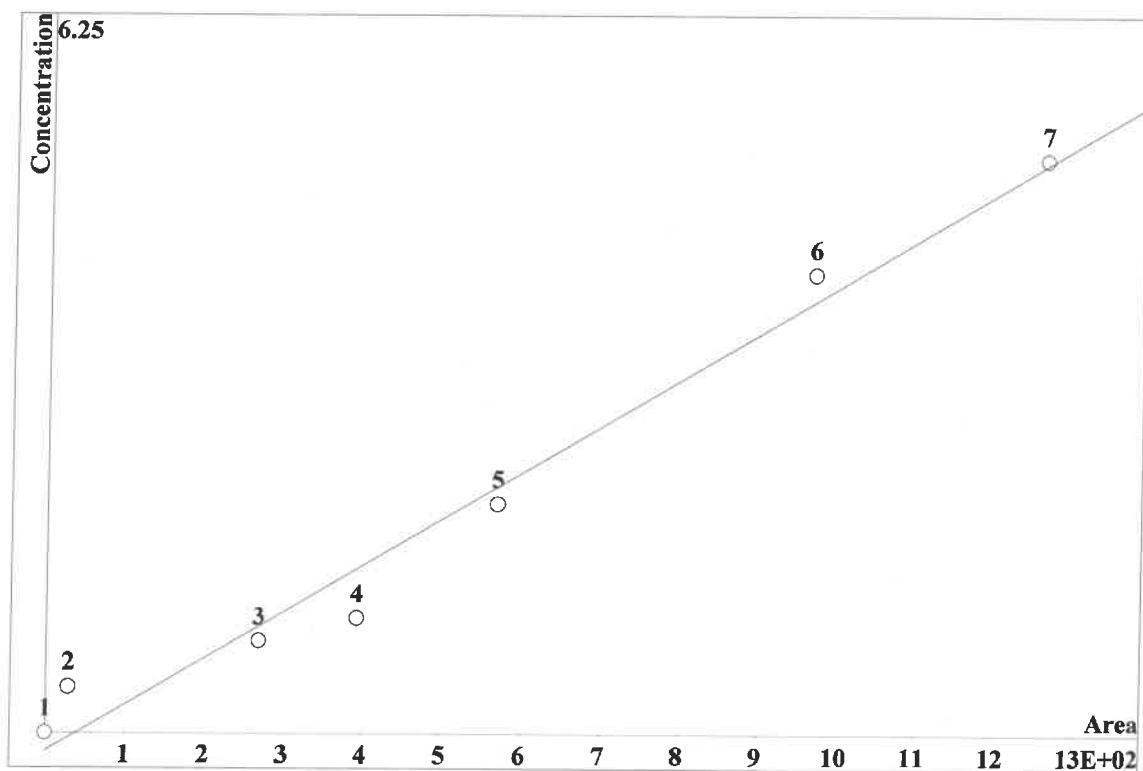
ident	concentratio tion F-	concentratio n CL-	concentratio on NO2	concentratio on BR-	concentratio on NO3	concentratio on HPO4	concentratio on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2023-09-11	9/11/23 17:54		IZ/MA
STD2	-0.0420	0.7320	0.7110	2.3210	0.5870	0.7400	3.6620	2023-09-11	9/11/23 18:25		IZ/MA
STD3	0.9320	1.2860	1.2620	4.2820	1.0380	2.3880	6.2990	2023-09-11	9/11/23 18:55		IZ/MA
STD4	1.4370	1.4900	1.4750	4.9450	1.2550	2.1050	7.4650	2023-09-11	9/11/23 19:26		IZ/MA
STD5	2.1490	2.7670	2.8290	9.3540	2.3650	5.4280	13.9680	2023-09-11	9/11/23 19:57		IZ/MA
STD6	3.7660	5.8590	5.8940	19.6740	4.8750	10.9680	29.2970	2023-09-11	9/11/23 20:27		IZ/MA
STD7	4.9580	7.6670	7.6290	25.4240	6.3800	11.3710	38.3080	2023-09-11	9/11/23 20:58		IZ/MA

ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value SO4
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000
STD4	1.0000	1.5000	1.5000	5.0000	1.2500	2.5000	7.5000
STD5	2.0000	3.0000	3.0000	10.0000	2.5000	5.0000	15.0000
STD6	4.0000	6.0000	6.0000	20.0000	5.0000	10.0000	30.0000
STD7	5.0000	7.5000	7.5000	25.0000	6.2500	12.5000	37.0000

ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4
STD1	-110.5000	22.0000	18.5000	16.0500	17.4000	-26.0000	22.0667
STD2	16.5000	7.1667	5.1667	7.0500	3.8000	19.4000	4.9833
STD3	43.7000	-0.6667	-1.6667	-1.1000	0.4000	-15.8000	-0.4667
STD4	7.4500	-7.7667	-5.7000	-6.4600	-5.4000	8.5600	-6.8800
STD5	-5.8500	-2.3500	-1.7667	-1.6300	-2.5000	9.6800	-2.3433
STD6	-0.8400	2.2267	1.7200	1.6960	2.0800	-9.0320	3.5351
STD7							

CALIBRATION OF COMPONENT F-

Method: AnionsIC2-091123.mtw
 Equation: $Q = 0.0809613 \cdot A - 3.12981$
 RSD: 15.779 %
 Correlation coefficient: 0.986336

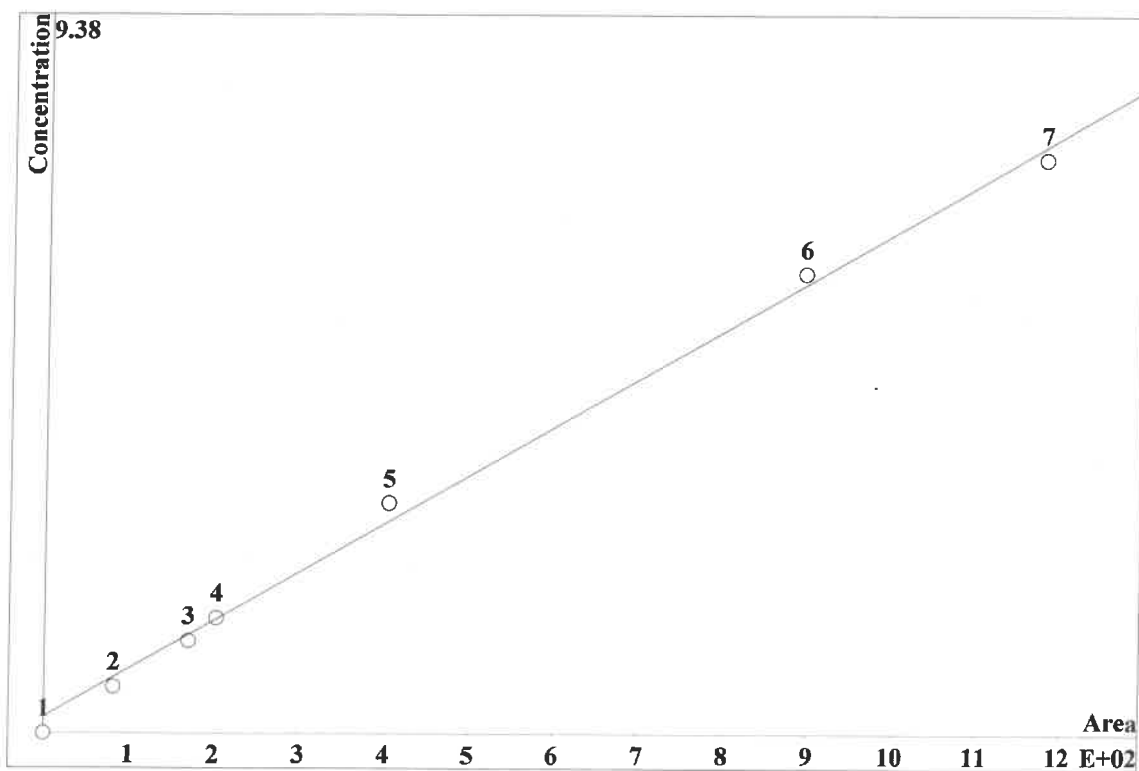


K3 = 0 K2 = 0 K1 = 0.0809613 K0 = -3.12981
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	1.556	28.36	0.4	20	6.387		
3	2.861	268.8	0.8	20	6.387		
4	3.715	393.6	1	20	6.387		
5	8.891	569.6	2	20	6.387		
6	12.13	969	4	20	6.387		
7	17.63	1263	5	20	6.387		

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-091123.mtw
 Equation: $Q = 0.126528 \cdot A + 4.229$
 RSD: 5.402 %
 Correlation coefficient: 0.998408

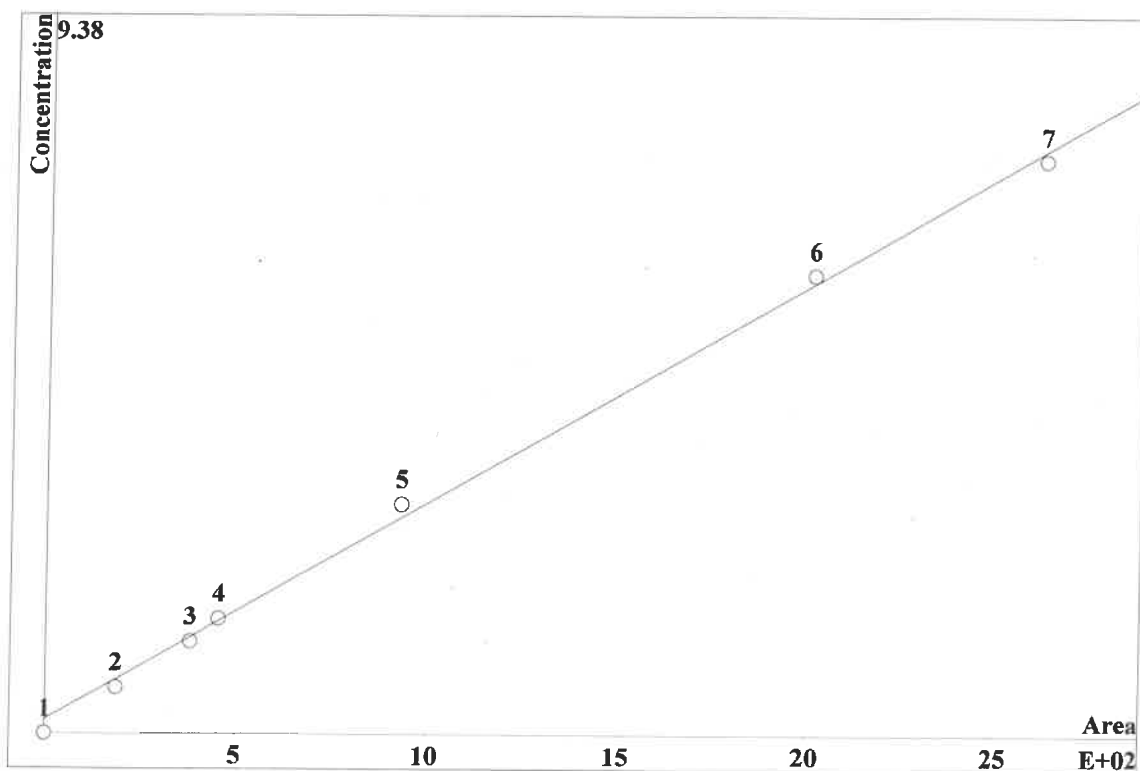


K3 = 0 K2 = 0 K1 = 0.126528 K0 = 4.229
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used File
1	0	0	0	0	0	0
2	5.727	82.26	0.6	20	9.512	
3	11.19	169.8	1.2	20	9.512	
4	13.67	202.1	1.5	20	9.512	
5	27.23	403.9	3	20	9.512	
6	58.52	892.7	6	20	9.512	
7	77.53	1178	7.5	20	9.512	

CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-091123.mtw
 Equation: $Q = 0.0567904 \cdot A + 3.64551$
 RSD: 4.120 %
 Correlation coefficient: 0.999074

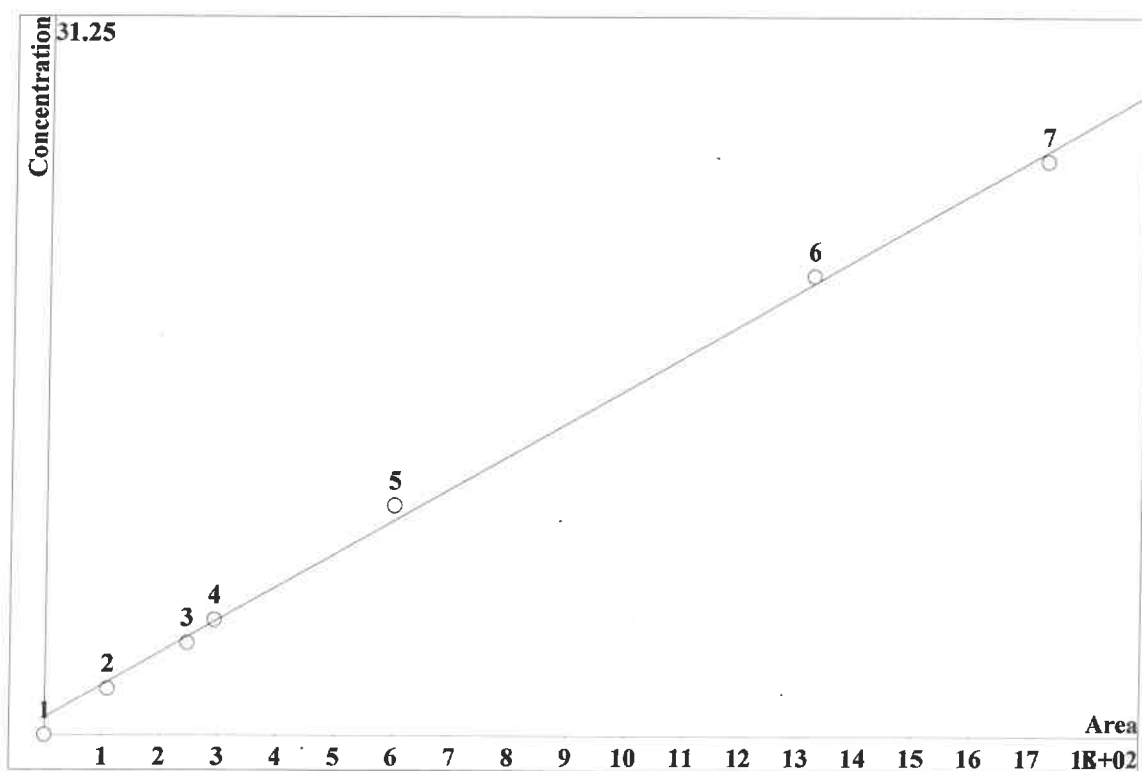


K3 = 0 K2 = 0 K1 = 0.0567904 K0 = 3.64551
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	10.45	186.1	0.6	20	11.51		
3	20.46	380.2	1.2	20	11.51		
4	24.56	455.2	1.5	20	11.51		
5	49.95	932	3	20	11.51		
6	102.5	2012	6	20	11.51		
7	129.3	2623	7.5	20	11.51		

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-091123.mtw
 Equation: $Q = 0.285903 \cdot A + 15.4519$
 RSD: 4.285 %
 Correlation coefficient: 0.998999



K3 = 0 K2 = 0 K1 = 0.285903 K0 = 15.4519

Base: Area

Ref.channel: ch1

ISTD:

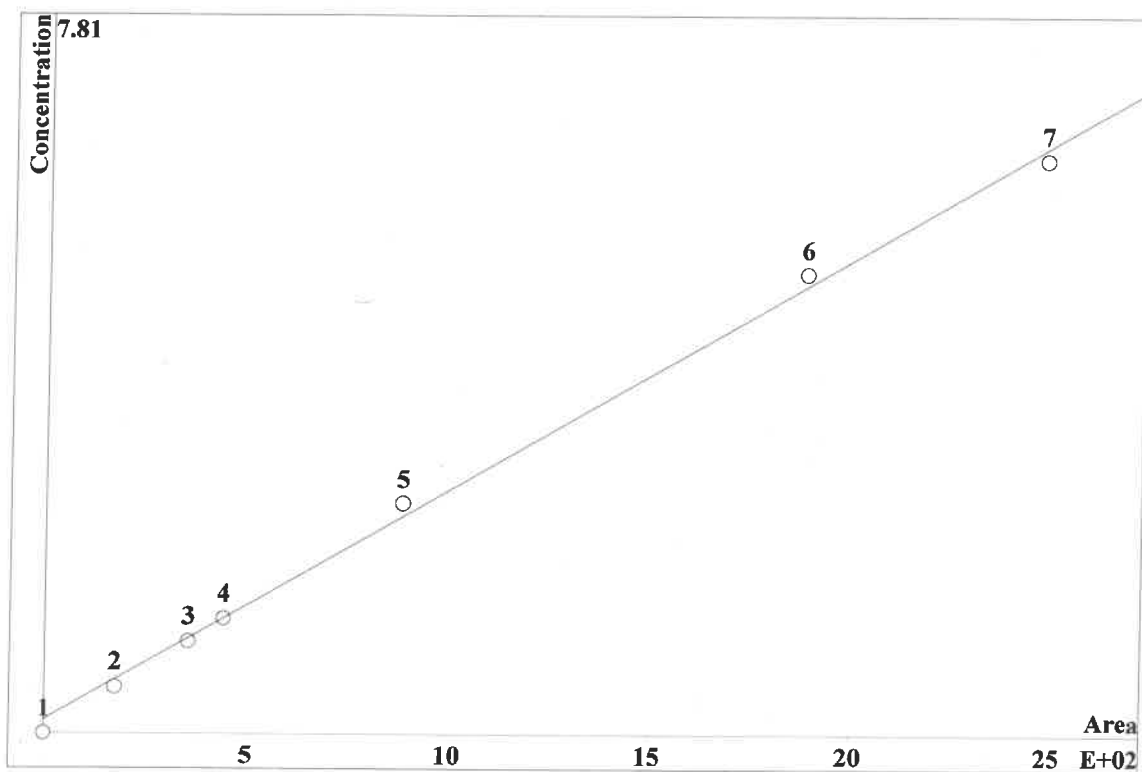
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	5.509	108.3	2	20	15		15
3	11.73	245.5	4	20	15		15
4	14.16	291.9	5	20	15		15
5	28.98	600.3	10	20	15		15
6	63.03	1322	20	20	15		15
7	82.57	1724	25	20	15		15

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-091123.mtw
 Equation: $Q = 0.0502032 \cdot A + 2.9665$
 RSD: 4.450 %
 Correlation coefficient: 0.998920

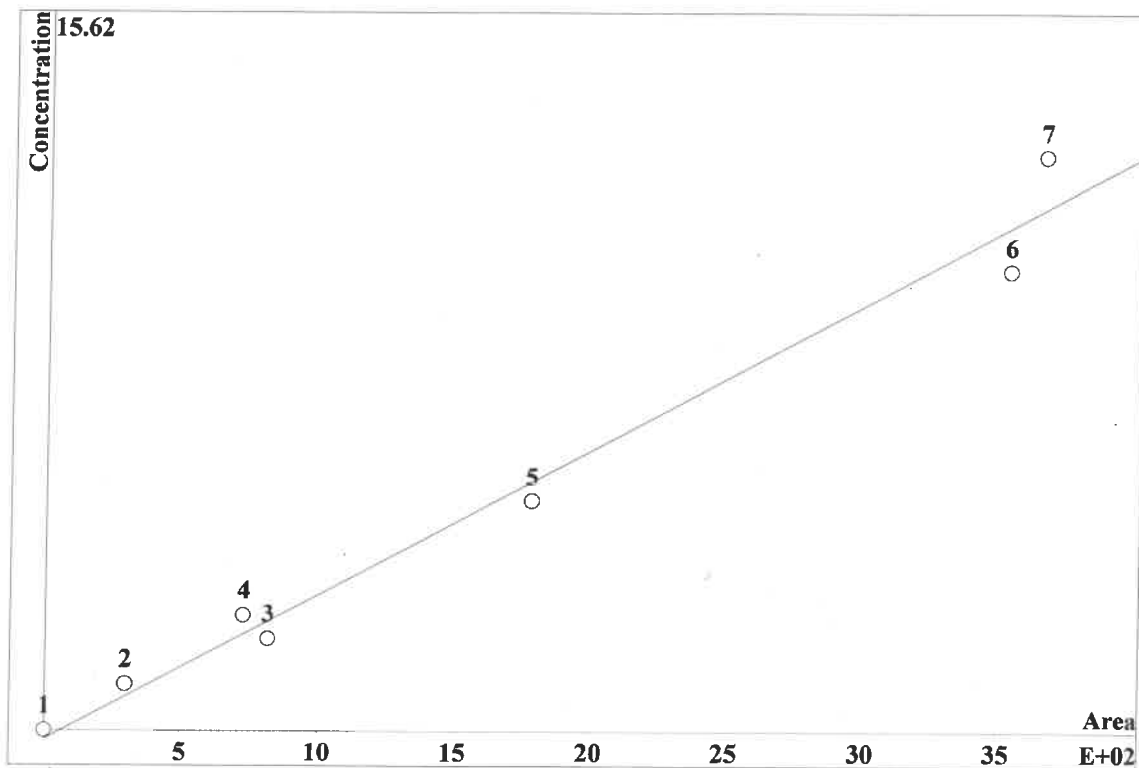


K3 = 0 K2 = 0 K1 = 0.0502032 K0 = 2.9665
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	6.99	174.7	0.5	20	17.17		
3	13.86	354.5	1	20	17.17		
4	16.93	440.8	1.25	20	17.17		
5	33.95	883	2.5	20	17.17		
6	72.56	1883	5	20	17.17		
7	95.06	2483	6.25	20	17.17		

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-091123.mtw
 Equation: $Q = 0.0631066 \cdot A - 3.85574$
 RSD: 15.126 %
 Correlation coefficient: 0.987450

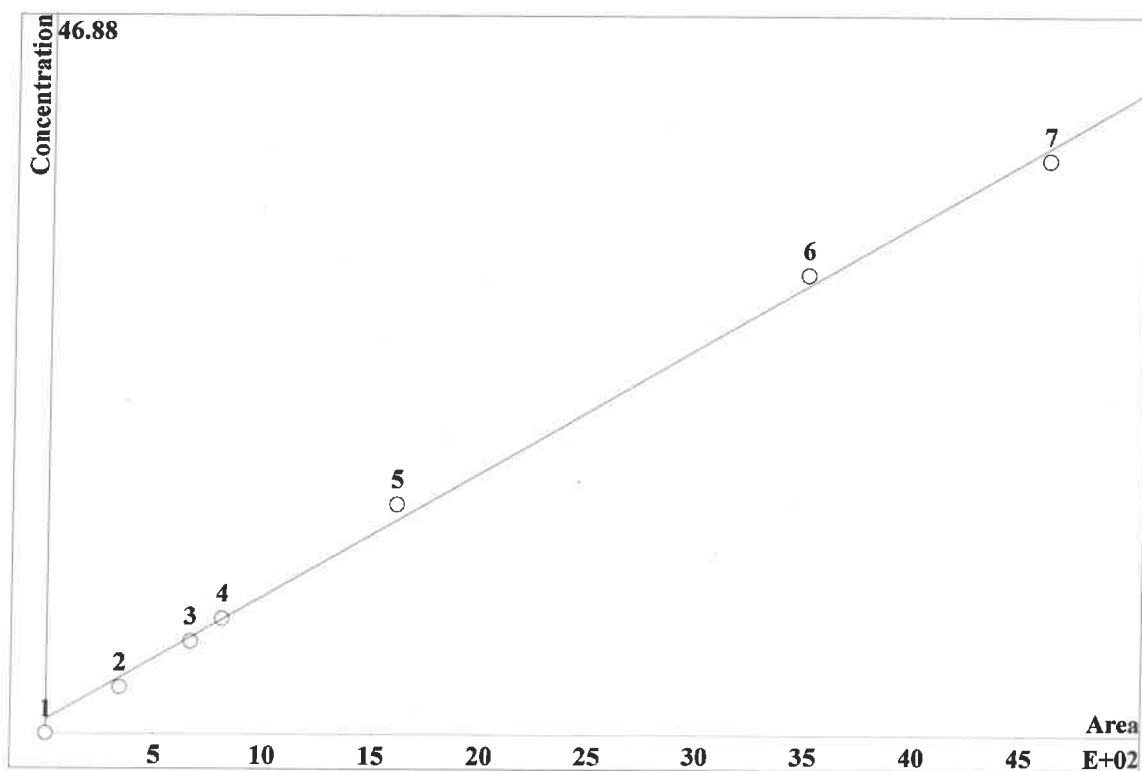


K3 = 0 K2 = 0 K1 = 0.0631066 K0 = -3.85574
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	3.957	295.7	1	20	22.61		
3	13.82	818	2	20	22.61		
4	11.18	728.2	2.5	20	22.61		
5	32.87	1781	5	20	22.61		
6	71.48	3537	10	20	22.61		
7	70.31	3665	12.5	20	22.61		

CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-091123.mtw
 Equation: $Q = 0.162327 \cdot A + 18.466$
 RSD: 5.016 %
 Correlation coefficient: 0.998628



K3 = 0 K2 = 0 K1 = 0.162327 K0 = 18.466
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	10.31	337.5	3	20	26.01		
3	20.14	662.3	6	20	26.01		
4	24.47	806	7.5	20	26.01		
5	49	1607	15	20	26.01		
6	105.7	3496	30	20	26.01		
7	138.3	4606	37.5	20	26.01		

Report date: 9/12/2023 12:52:04 PM
Printed by: wet

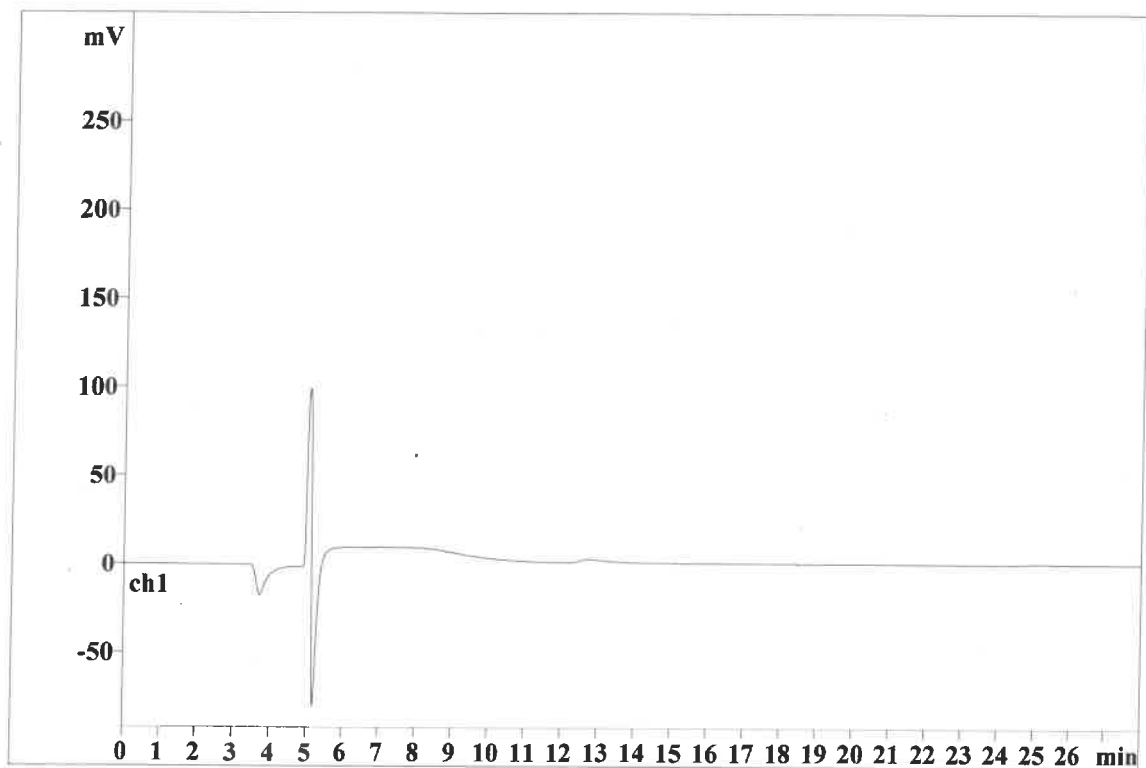
Ident: STD1
Analysis from: 9/11/2023 5:54:46 PM
File: _2023-09-11_

Last save: 9/12/2023 12:50:28 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35367

Last save: 9/11/2023 8:55:

SAMPLE:
: IZ/MA
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: 9/12/2023 12:52:14 PM
Printed by: wet

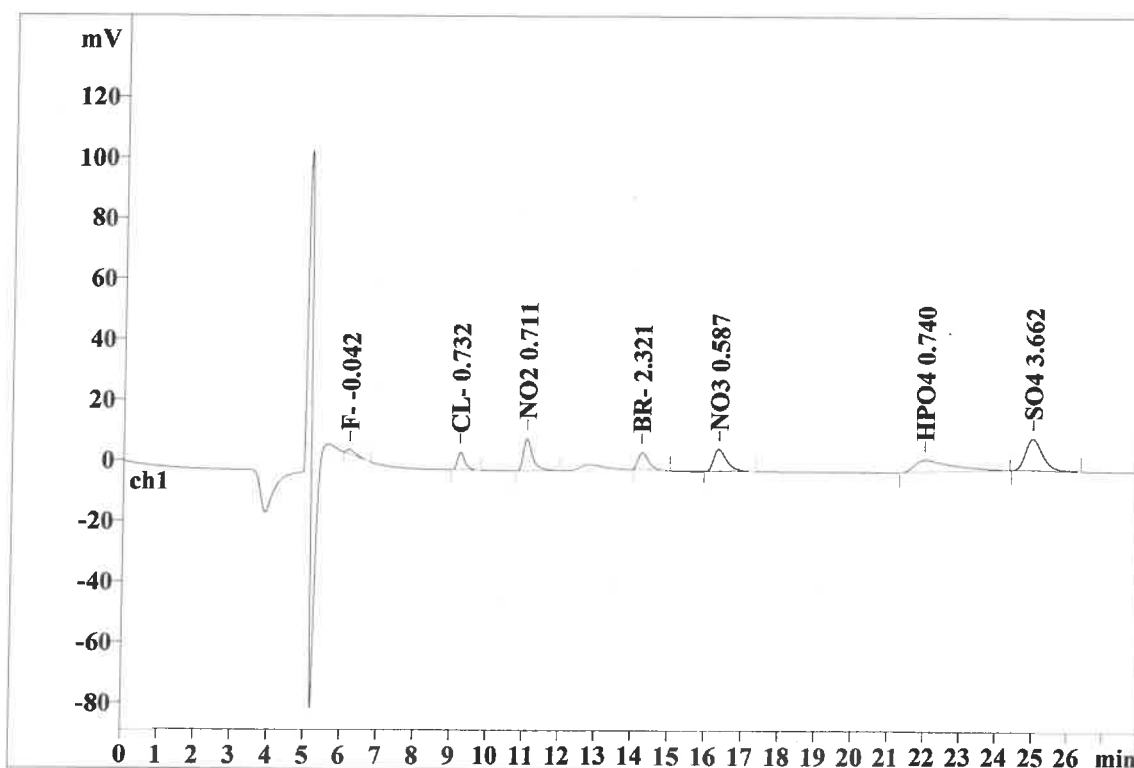
Ident: STD2
Analysis from: 9/11/2023 6:25:22 PM
File: _2023-09-11_

Last save: 9/12/2023 10:42:13 AM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35368

Last save: 9/11/2023 8:55:

SAMPLE:
: IZ/MA
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.18	0.286	1.56	3.52	28.361	2.34
2	9.21	0.213	5.73	12.87	82.260	6.78
3	11.04	0.253	10.45	23.48	186.100	15.34
4	14.23	0.301	5.51	12.38	108.303	8.93
5	16.31	0.371	6.99	15.70	174.709	14.40
6	21.97	1.105	3.95	8.89	295.707	24.38
7	24.96	0.494	10.31	23.17	337.489	27.82
7	28.00	0.432	44.50	100.00	1212.930	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/12/2023 12:52:21 PM
Printed by: wet

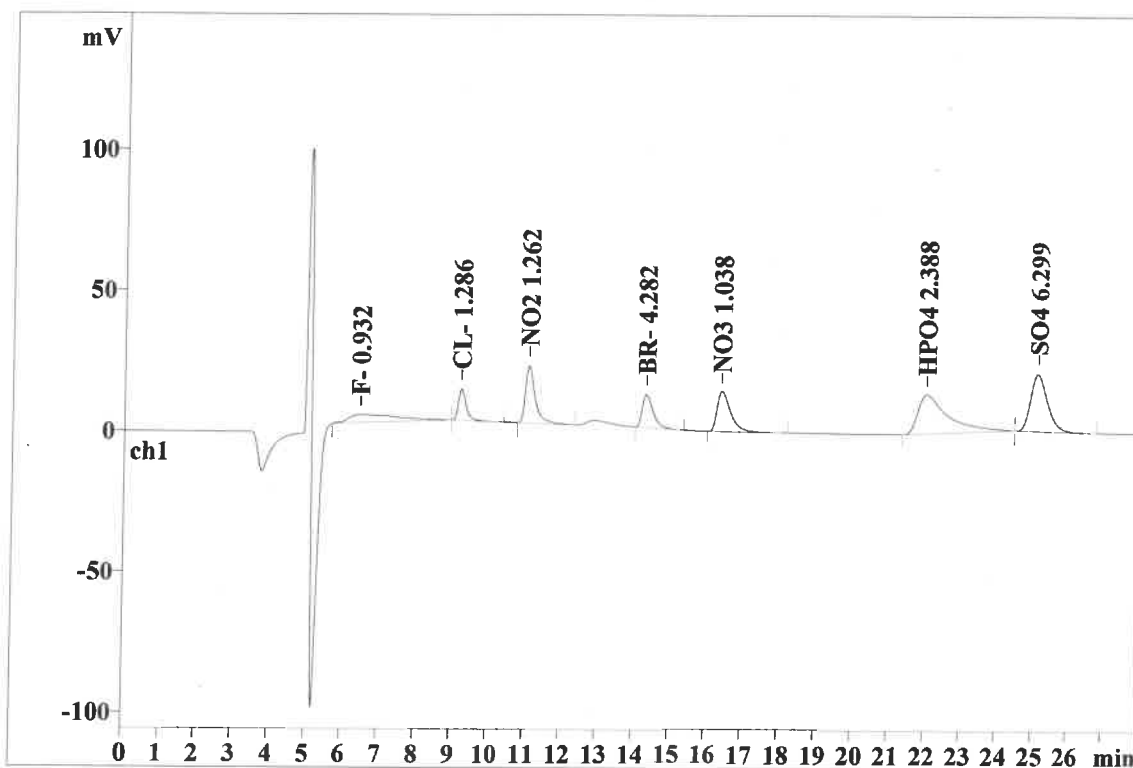
Ident: STD3
Analysis from: 9/11/2023 6:55:57 PM
File: _2023-09-11_

Last save: 9/12/2023 10:42:13 AM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35369

Last save: 9/11/2023 8:55:

SAMPLE:
: IZ/MA
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.45	1.449	2.86	3.04	268.781	9.27
2	9.23	0.217	11.19	11.90	169.822	5.86
3	11.09	0.260	20.46	21.75	380.201	13.11
4	14.31	0.312	11.73	12.47	245.528	8.47
5	16.39	0.375	13.86	14.73	354.491	12.23
6	22.00	0.794	13.82	14.69	817.992	28.22
7	25.11	0.497	20.14	21.41	662.296	22.84
7	28.00	0.558	94.06	99.99	2899.110	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/12/2023 12:52:35 PM
Printed by: wet

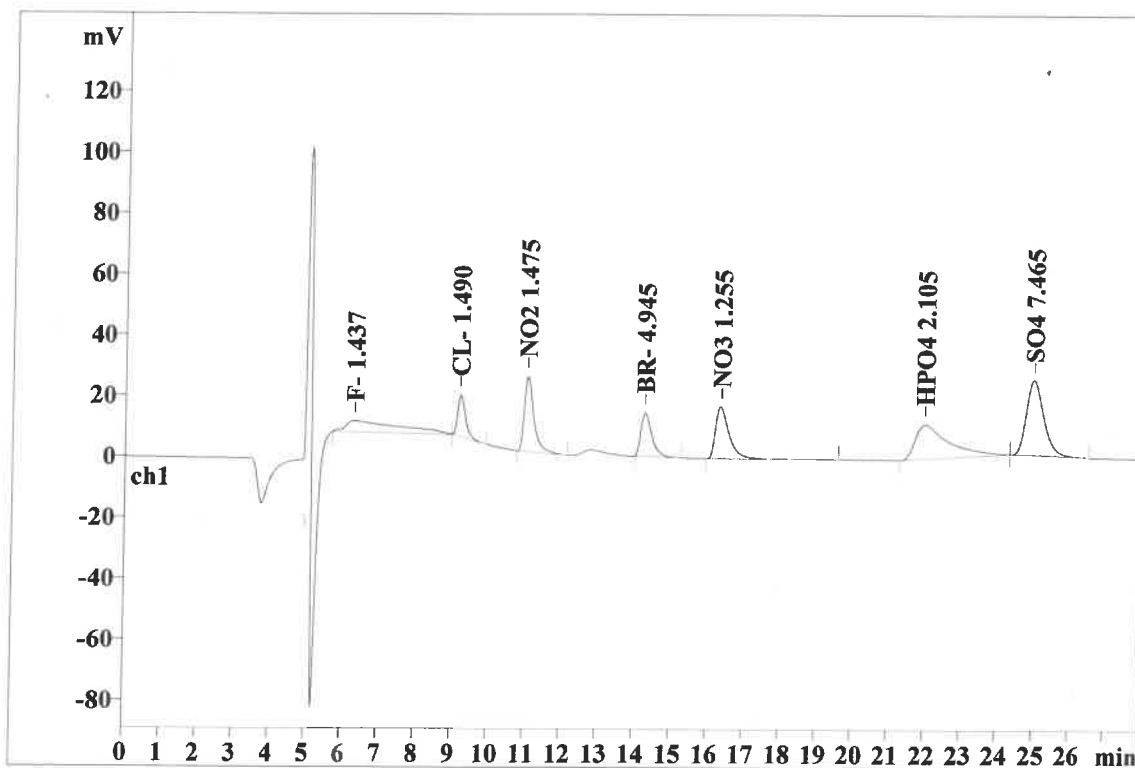
Ident: STD4
Analysis from: 9/11/2023 7:26:32 PM
File: _2023-09-11_

Last save: 9/12/2023 10:42:13 AM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35370

Last save: 9/11/2023 8:55:

SAMPLE:
: IZ/MA
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.31	1.755	3.71	3.42	393.582	11.86
2	9.21	0.217	13.67	12.58	202.050	6.09
3	11.05	0.265	24.56	22.60	455.220	13.72
4	14.27	0.310	14.16	13.03	291.871	8.80
5	16.34	0.377	16.93	15.58	440.755	13.29
6	21.97	0.906	11.17	10.28	728.202	21.95
7	24.97	0.499	24.47	22.51	805.999	24.29
7	28.00	0.618	108.66	100.00	3317.680	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/12/2023 12:52:43 PM
Printed by: wet

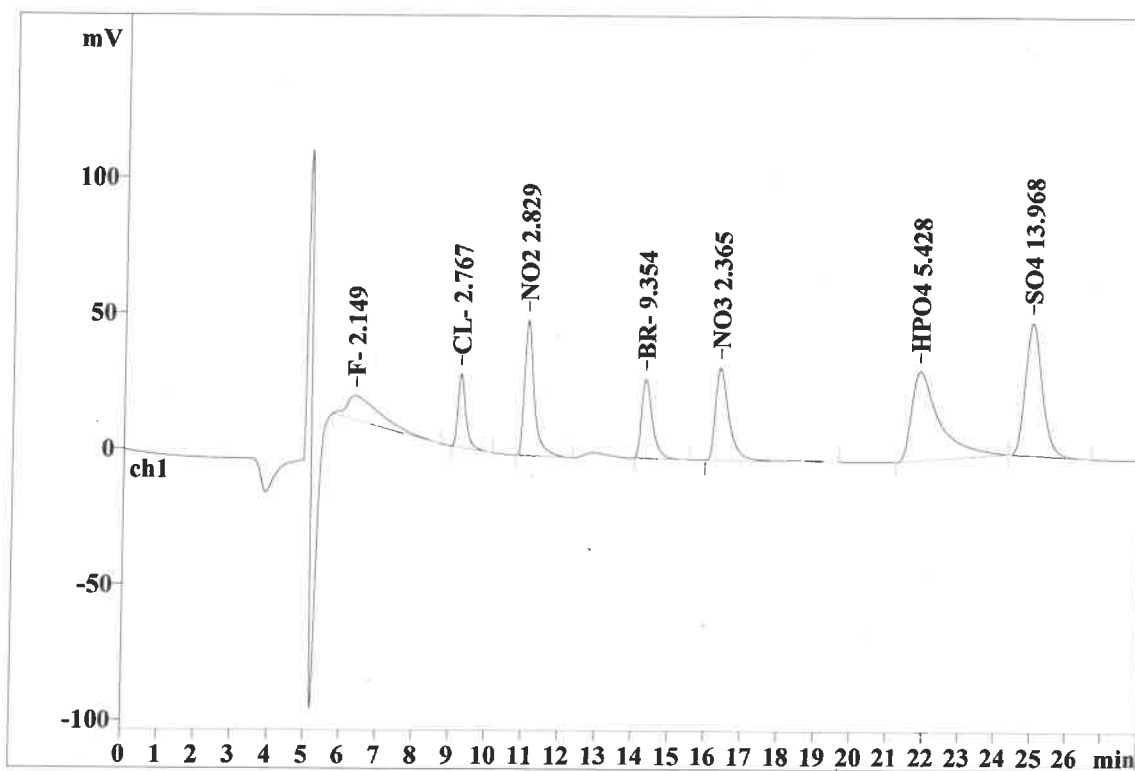
Ident: STD5
Analysis from: 9/11/2023 7:57:07 PM
File: _2023-09-11_

Last save: 9/12/2023 10:42:13 AM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35371

Last save: 9/11/2023 8:55:

SAMPLE:
: IZ/MA
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.35	0.961	8.89	3.85	569.638	8.40
2	9.23	0.216	27.23	11.79	403.900	5.96
3	11.07	0.263	49.95	21.63	932.016	13.75
4	14.28	0.308	28.98	12.55	600.302	8.86
5	16.33	0.375	33.96	14.71	882.960	13.03
6	21.83	0.718	32.87	14.24	1781.392	26.28
7	24.95	0.497	49.00	21.22	1607.264	23.71
7	28.00	0.477	230.86	100.00	6777.472	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/12/2023 12:52:49 PM
Printed by: wet

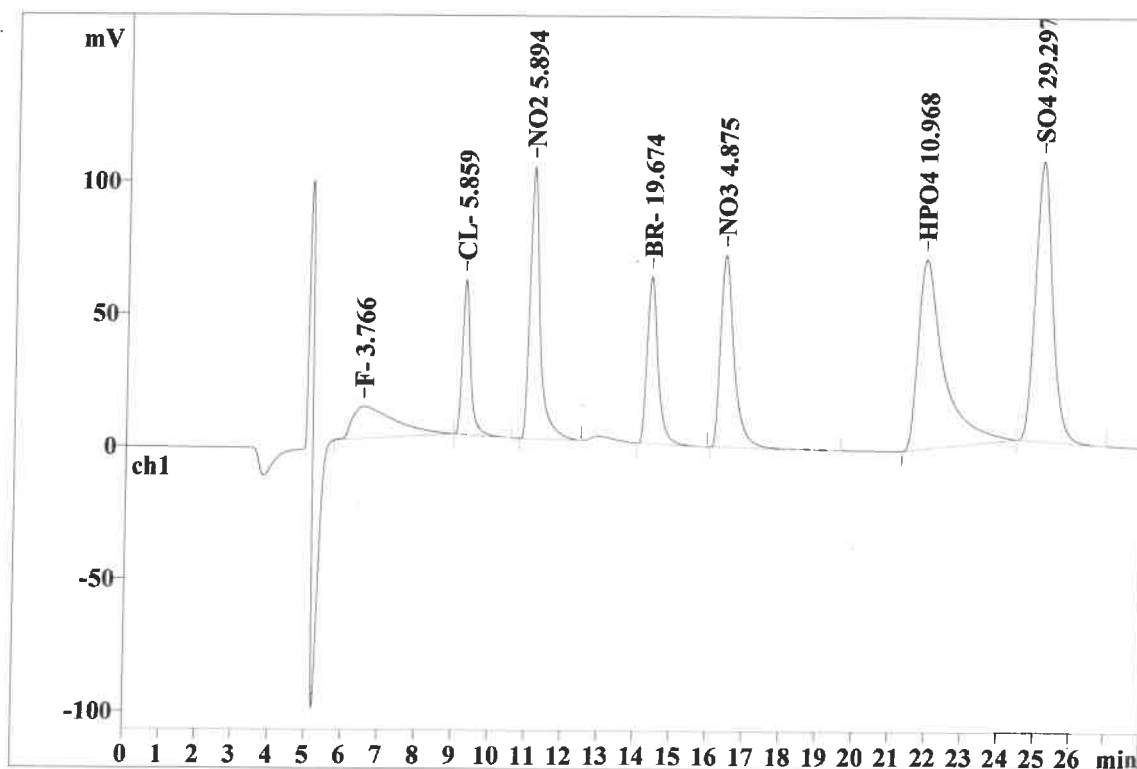
Ident: STD6
Analysis from: 9/11/2023 8:27:43 PM
File: _2023-09-11_

Last save: 9/12/2023 10:42:13 AM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35372

Last save: 9/11/2023 8:55:

SAMPLE:
: IZ/MA
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.50	1.237	12.12	2.50	968.961	6.87
2	9.26	0.217	58.52	12.04	892.674	6.33
3	11.10	0.274	102.49	21.09	2011.647	14.26
4	14.36	0.308	63.02	12.97	1322.228	9.37
5	16.39	0.376	72.56	14.93	1883.107	13.34
6	21.90	0.653	71.48	14.71	3536.980	25.06
7	25.11	0.500	105.67	21.75	3495.918	24.77
7	28.00	0.509	485.86	100.00	14111.515	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/12/2023 12:52:58 PM
Printed by: wet

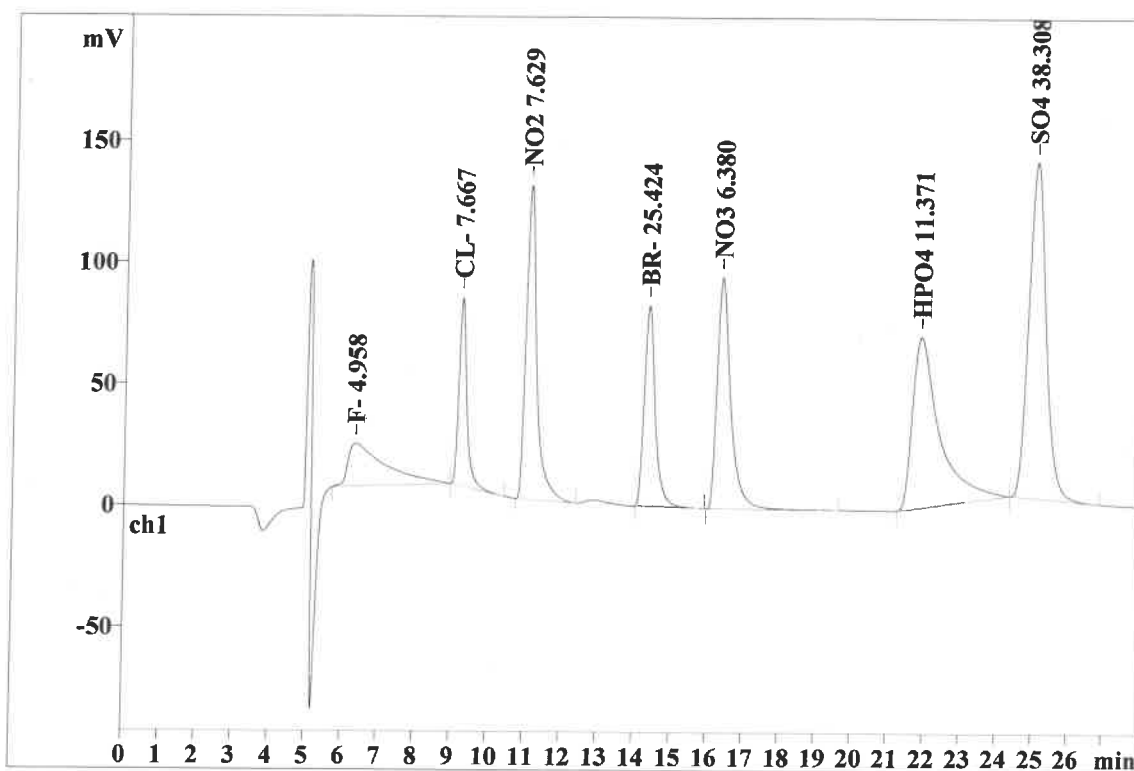
Ident: STD7
Analysis from: 9/11/2023 8:58:18 PM
File: _2023-09-11_

Last save: 9/12/2023 10:42:13 AM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35373

Last save: 9/11/2023 8:55:

SAMPLE:
: IZ/MA
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.34	0.999	17.63	2.89	1263.445	7.20
2	9.24	0.217	77.53	12.70	1178.489	6.72
3	11.07	0.286	129.32	21.18	2622.668	14.95
4	14.32	0.307	82.58	13.52	1724.443	9.83
5	16.33	0.375	95.05	15.57	2482.730	14.15
6	21.82	0.688	70.31	11.51	3664.815	20.89
7	24.98	0.504	138.26	22.64	4606.059	26.26
7	28.00	0.482	610.68	100.00	17542.647	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/12/2023 12:53:35 PM
Printed by: wet

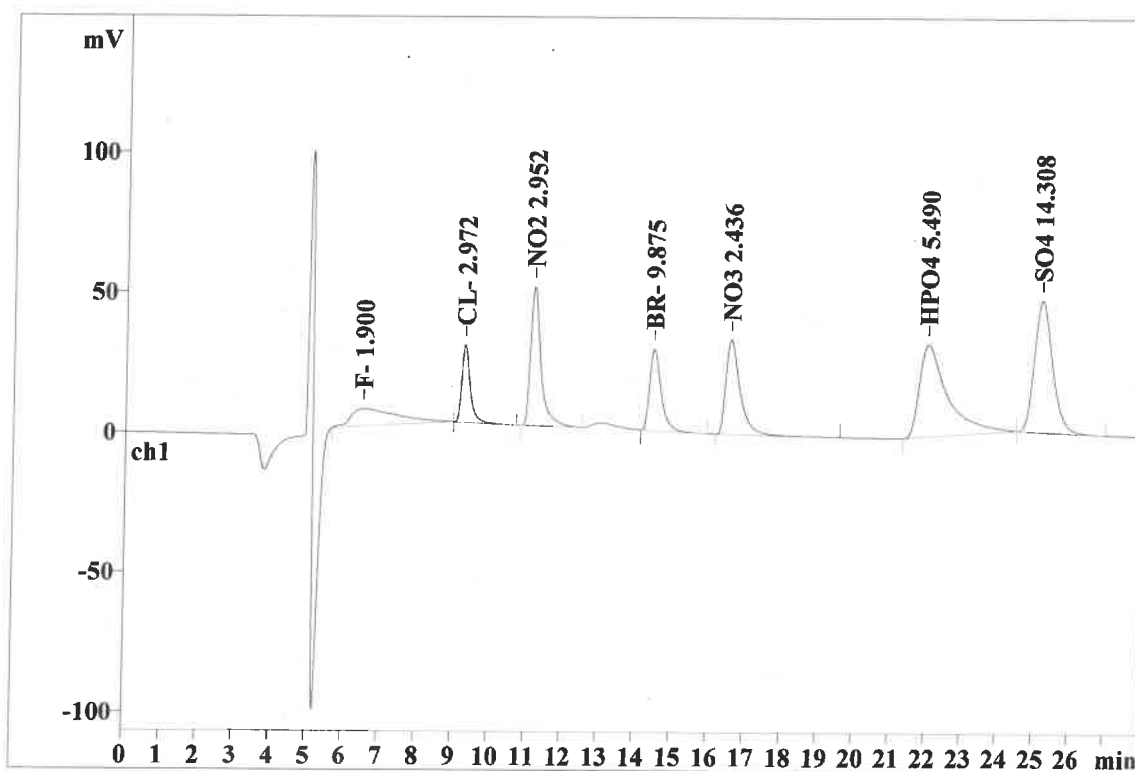
Ident: ICV
Analysis from: 9/11/2023 9:59:31 PM
File: _2023-09-11_

Last save: 9/12/2023 12:53:34 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35375

Last save: 9/11/2023 9:26:

SAMPLE:
: IZ/MA
Vial number: 15
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.50	1.366	6.21	2.75	545.395	7.84
2	9.30	0.226	27.52	12.17	436.891	6.28
3	11.18	0.275	49.63	21.95	975.990	14.03
4	14.47	0.323	29.08	12.86	636.763	9.15
5	16.56	0.392	33.68	14.90	912.450	13.11
6	22.00	0.734	32.85	14.53	1801.174	25.89
7	25.17	0.532	47.08	20.83	1649.517	23.71
7	28.00	0.550	226.03	100.00	6958.179	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/12/2023 12:53:44 PM
Printed by: wet

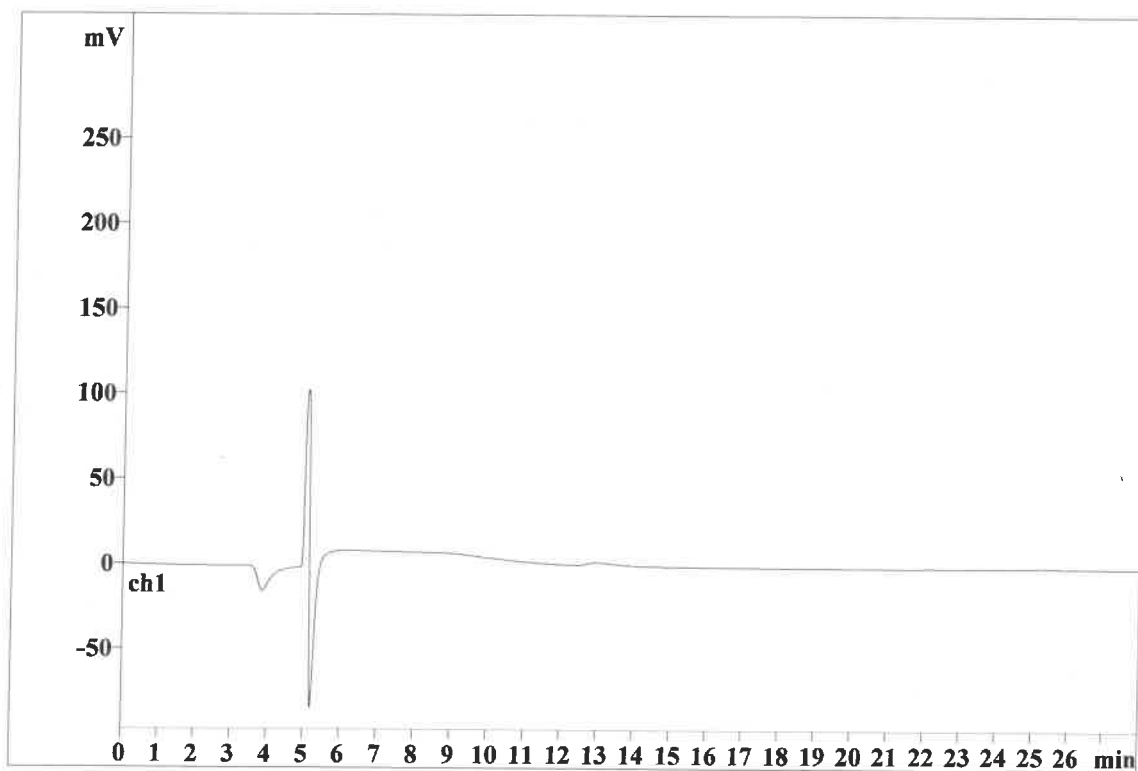
Ident: ICB
Analysis from: 9/11/2023 10:30:10 PM
File: _2023-09-11_

Last save: 9/12/2023 9:25:24 AM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35376

Last save: 9/11/2023 9:26:

SAMPLE:
: IZ/MA
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: 9/13/2023 2:25:34 PM
Printed by: wet

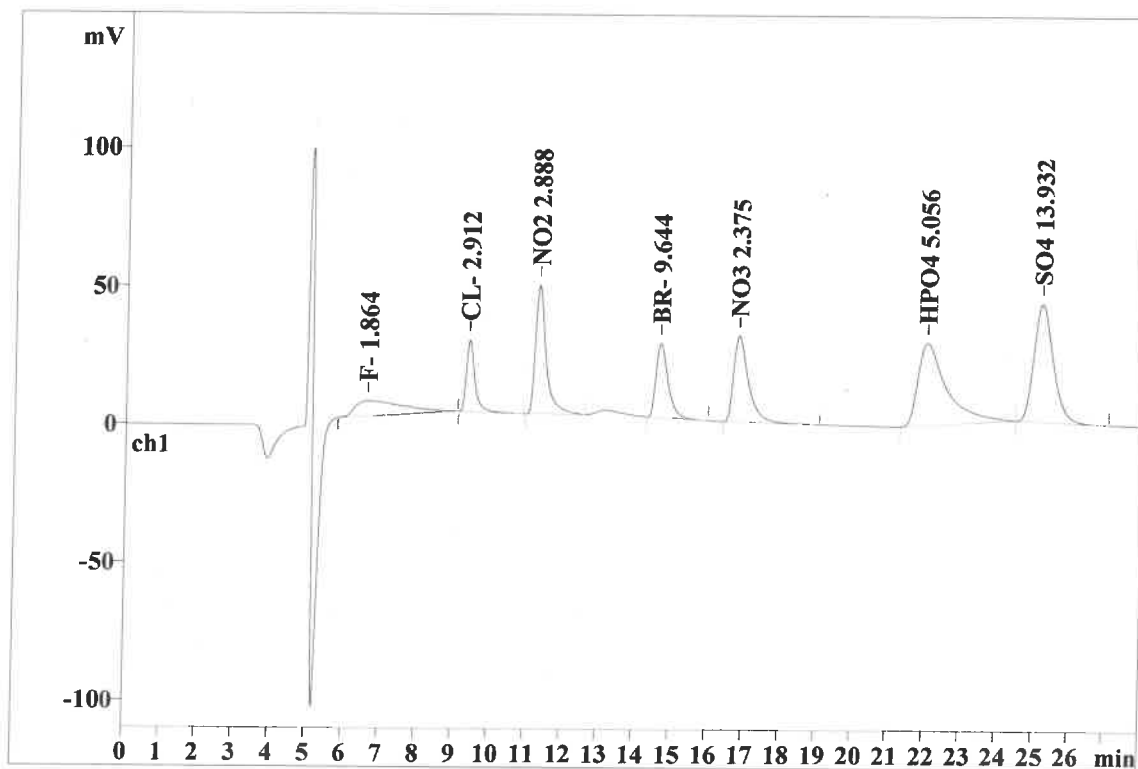
Ident: CCV
Analysis from: 9/12/2023 11:27:39 AM
File: _2023-09-12_

Last save: 9/12/2023 11:57:16 AM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35382

Last save: 9/12/2023 10:41

SAMPLE:
: IZ/MA
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.62	1.456	5.49	2.64	499.068	7.50
2	9.40	0.233	25.83	12.39	426.902	6.42
3	11.31	0.286	46.55	22.34	952.736	14.32
4	14.67	0.341	26.90	12.91	620.560	9.33
5	16.81	0.415	31.08	14.91	886.949	13.33
6	22.00	0.756	29.87	14.33	1663.384	25.00
7	25.17	0.570	42.67	20.47	1602.726	24.09
7	28.00	0.580	208.39	100.00	6652.325	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:25:43 PM
Printed by: wet

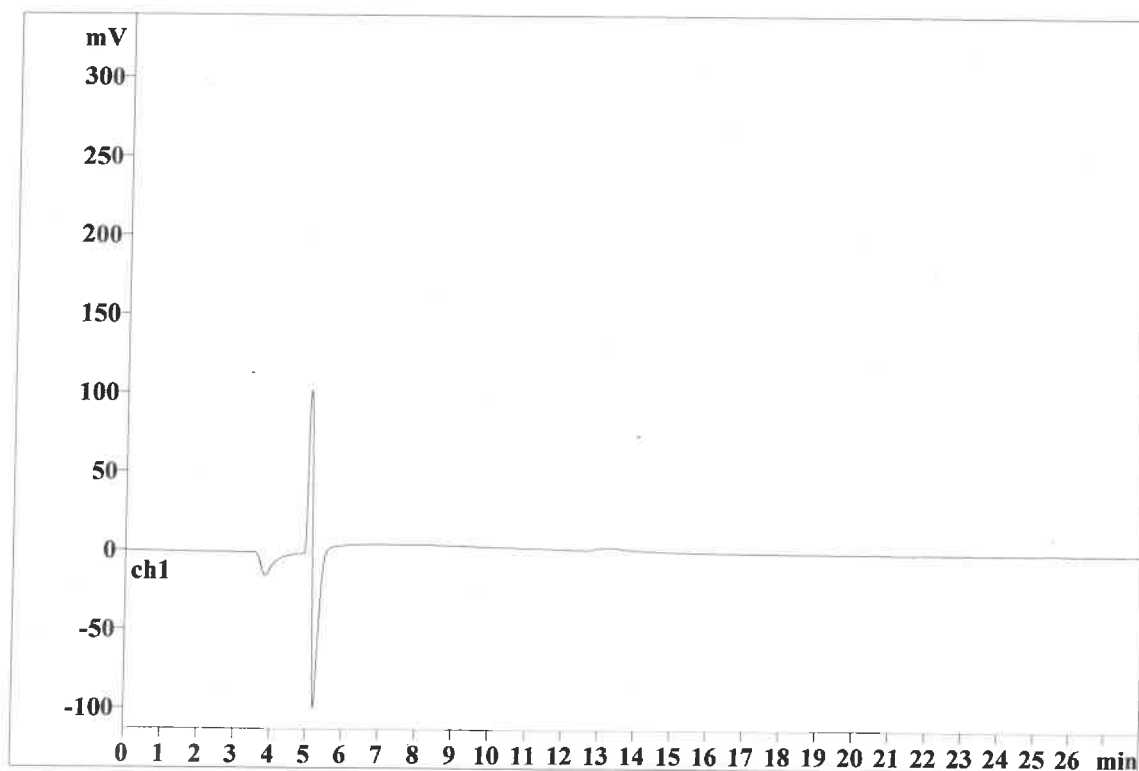
Ident: CCB
Analysis from: 9/12/2023 11:59:07 AM
File: _2023-09-12_

Last save: 9/12/2023 12:27:07 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35383

Last save: 9/12/2023 10:41

SAMPLE:
: IZ/MA
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
METROHM LTD

Report date: 9/13/2023 2:25:50 PM
Printed by: wet

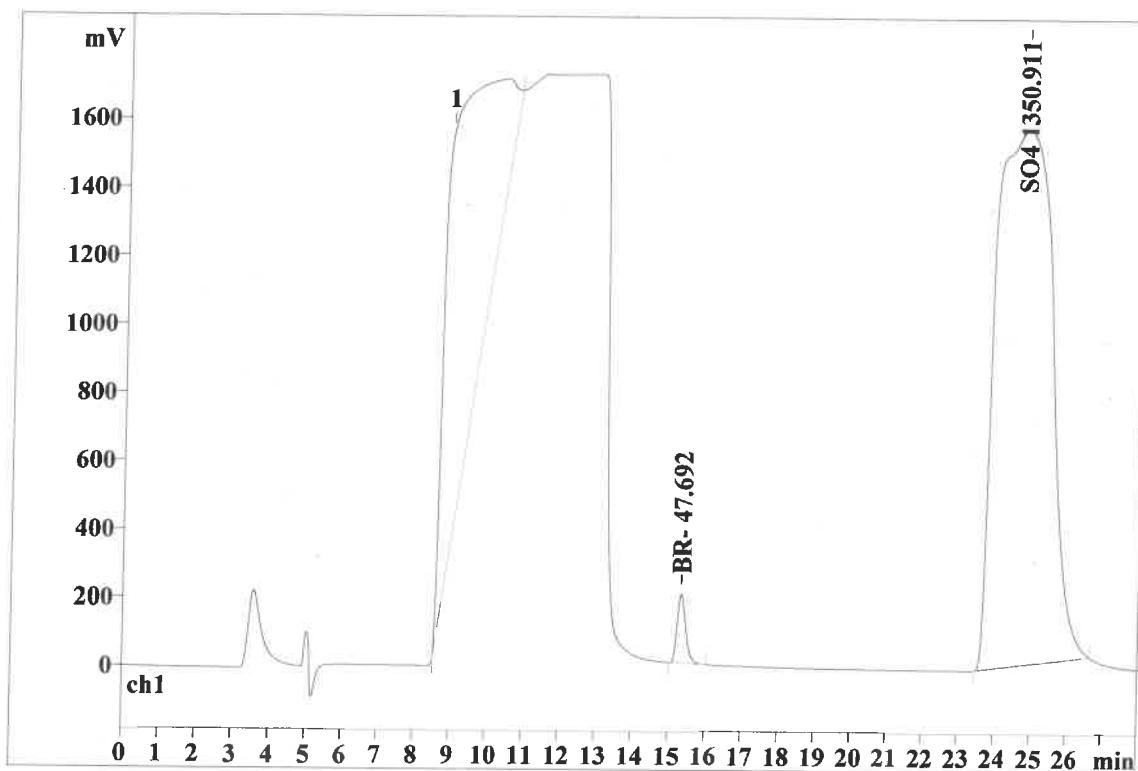
Ident: 04299-09
Analysis from: 9/12/2023 12:29:47 PM
File: _2023-09-12_

Last save: 9/12/2023 1:31:04 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35384

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 20
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	0.00	0.000	0.00	0.00	0.000	0.00
3	0.00	0.000	0.00	0.00	0.000	0.00
4	15.34	0.243	202.72	6.72	3282.177	1.24
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	24.74	1.768	1564.05	51.81	166329.022	62.83
7	28.00	0.287	1766.77	58.53	169611.199	64.07

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:26:13 PM
Printed by: wet

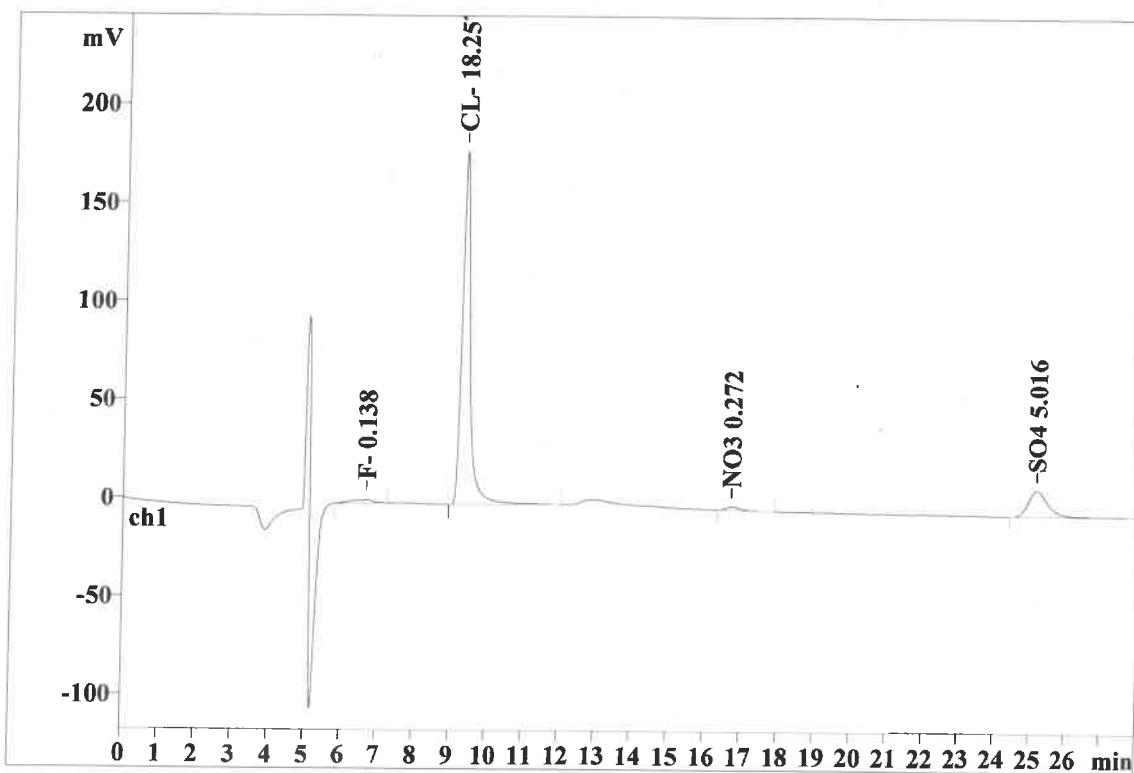
Ident: 04299-10
Analysis from: 9/12/2023 1:00:25 PM
File: _2023-09-12_

Last save: 9/12/2023 1:28:25 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35385

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 21
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.67	0.716	1.69	0.86	72.694	2.09
2	9.31	0.218	179.58	91.55	2852.389	82.00
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	16.71	0.403	1.81	0.92	49.141	1.41
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.15	0.570	13.07	6.66	504.284	14.50
7	28.00	0.272	196.15	99.99	3478.509	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:26:24 PM
Printed by: wet

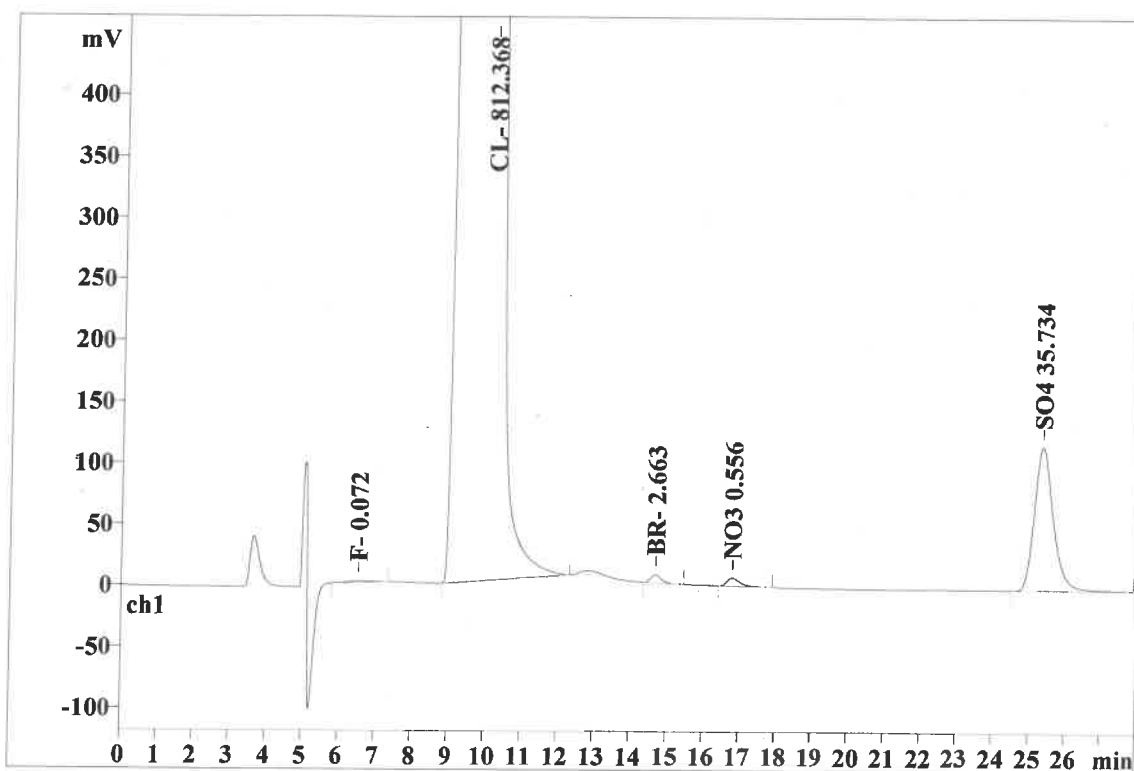
Ident: O4343-01
Analysis from: 9/12/2023 1:31:03 PM
File: _2023-09-12_

Last save: 9/12/2023 1:59:33 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35386

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 22
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.53	0.627	1.33	0.07	56.530	0.04
2	10.18	1.273	1690.14	92.80	128375.472	96.51
3	0.00	0.000	0.00	0.00	0.000	0.00
4	14.68	0.308	6.56	0.36	132.230	0.10
5	16.78	0.375	6.50	0.36	162.321	0.12
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.33	0.547	116.75	6.41	4288.908	3.22
7	28.00	0.447	1821.29	100.00	133015.461	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:26:34 PM
Printed by: wet

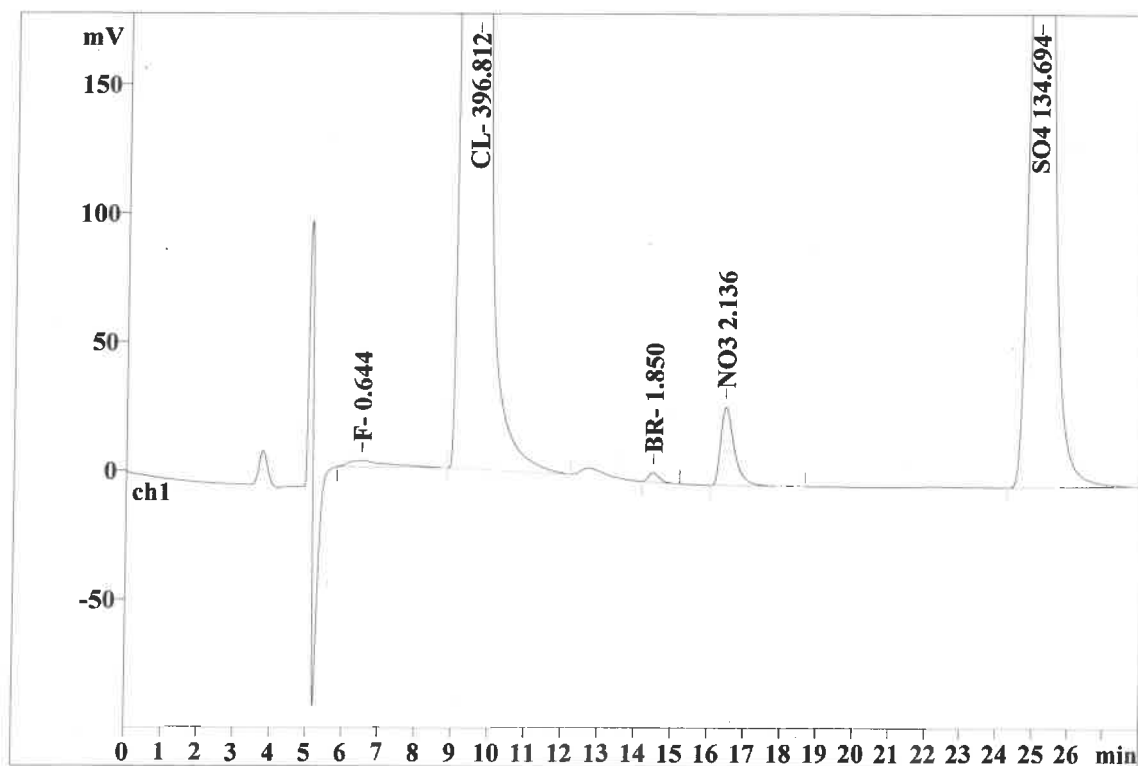
Ident: 04342-02
Analysis from: 9/12/2023 2:01:41 PM
File: _2023-09-12_

Last save: 9/12/2023 2:29:42 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35387

Last save: 9/12/2023 11:57

SAMPLE: -
: IZ/MA
Vial number: 23
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.48	1.226	2.49	0.12	197.685	0.25
2	9.60	0.628	1618.46	76.65	62689.562	78.13
3	0.00	0.000	0.00	0.00	0.000	0.00
4	14.46	0.312	3.69	0.17	75.373	0.09
5	16.44	0.382	30.28	1.43	791.694	0.99
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.05	0.543	456.46	21.62	16481.555	20.54
7	28.00	0.442	2111.38	100.00	80235.870	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:26:49 PM
Printed by: wet

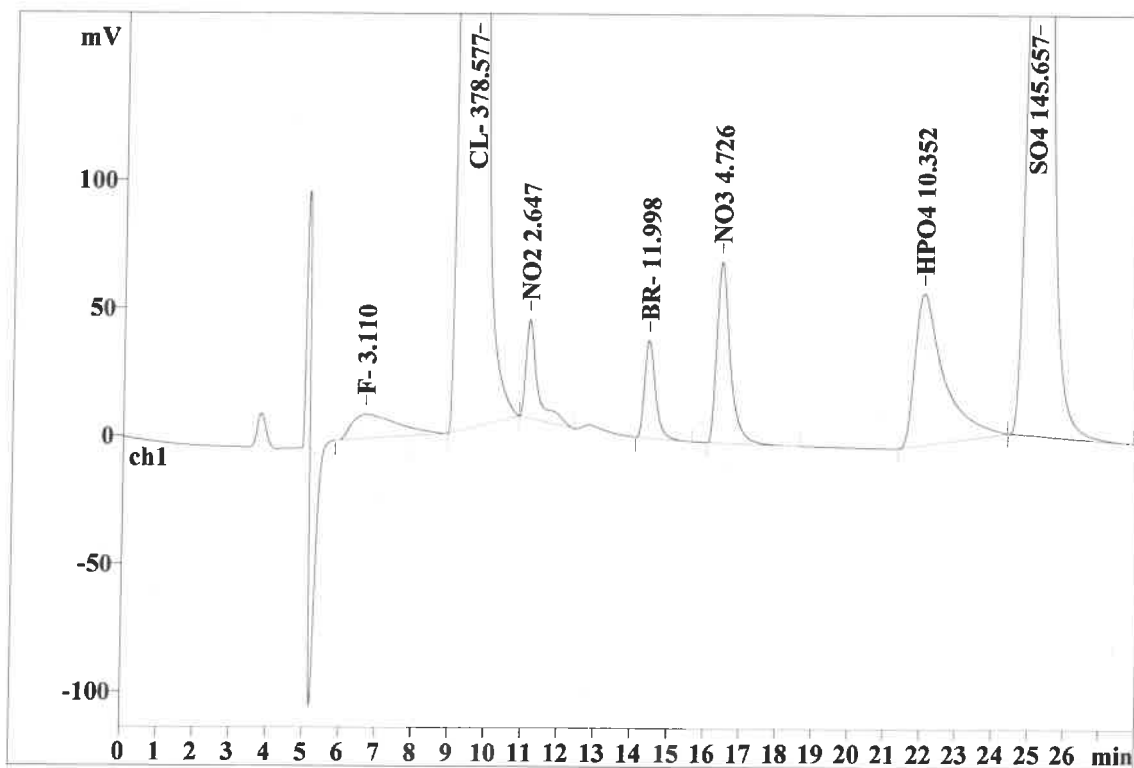
Ident: O4342-02MS
Analysis from: 9/12/2023 2:32:19 PM
File: _2023-09-12_

Last save: 9/12/2023 3:00:19 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35388

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 24
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.63	1.373	9.42	0.40	806.894	0.95
2	9.60	0.607	1612.69	69.28	59807.265	70.14
3	11.13	0.273	38.59	1.66	867.986	1.02
4	14.40	0.304	38.25	1.64	785.239	0.92
5	16.38	0.374	70.81	3.04	1823.621	2.14
6	21.99	0.761	59.37	2.55	3342.047	3.92
7	25.07	0.541	498.74	21.42	17832.348	20.91
7	28.00	0.605	2327.88	100.00	85265.400	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:26:59 PM
Printed by: wet

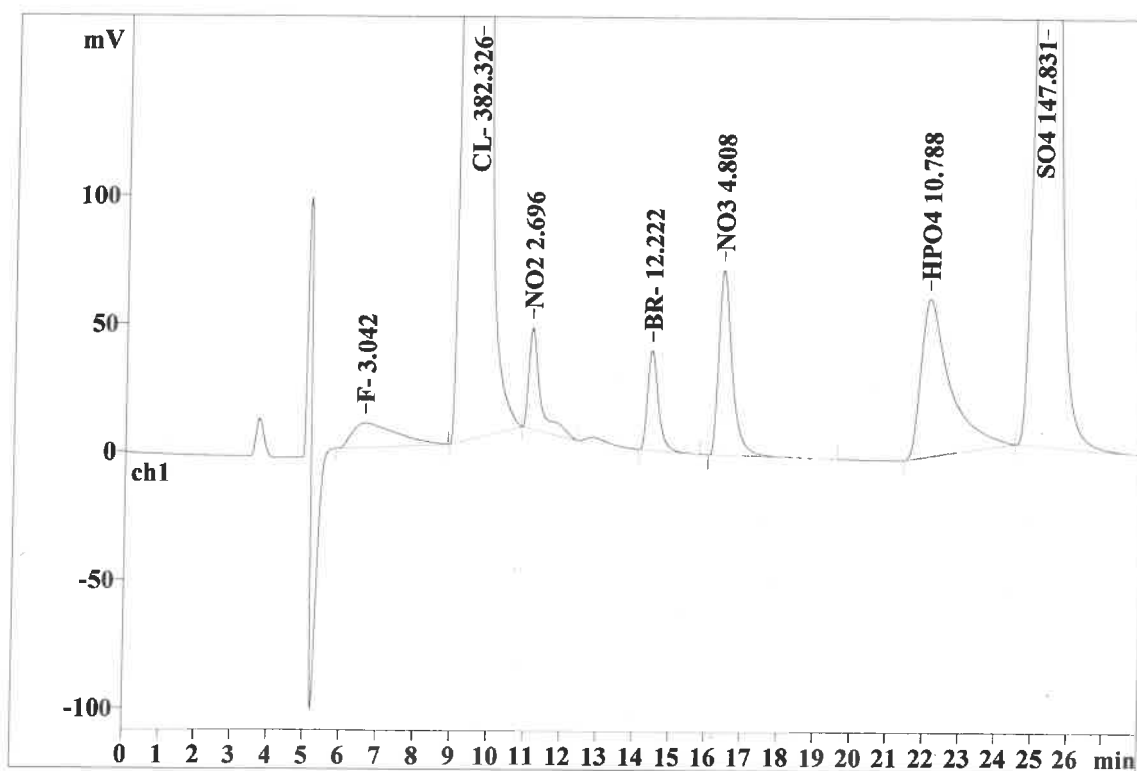
Ident: O4342-02MSD
Analysis from: 9/12/2023 3:02:56 PM
File: _2023-09-12_

Last save: 9/12/2023 3:30:57 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35389

Last save: 9/12/2023 11:57

SAMPLE:
: I2/MA
Vial number: 25
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.59	1.333	9.50	0.41	790.022	0.92
2	9.60	0.613	1611.84	68.89	60399.828	69.98
3	11.13	0.273	39.44	1.69	885.381	1.03
4	14.42	0.305	38.94	1.66	800.934	0.93
5	16.40	0.374	72.01	3.08	1856.214	2.15
6	22.08	0.762	61.53	2.63	3480.219	4.03
7	25.18	0.541	506.28	21.64	18100.122	20.97
7	28.00	0.600	2339.56	100.00	86312.721	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:59:57 PM
Printed by: wet

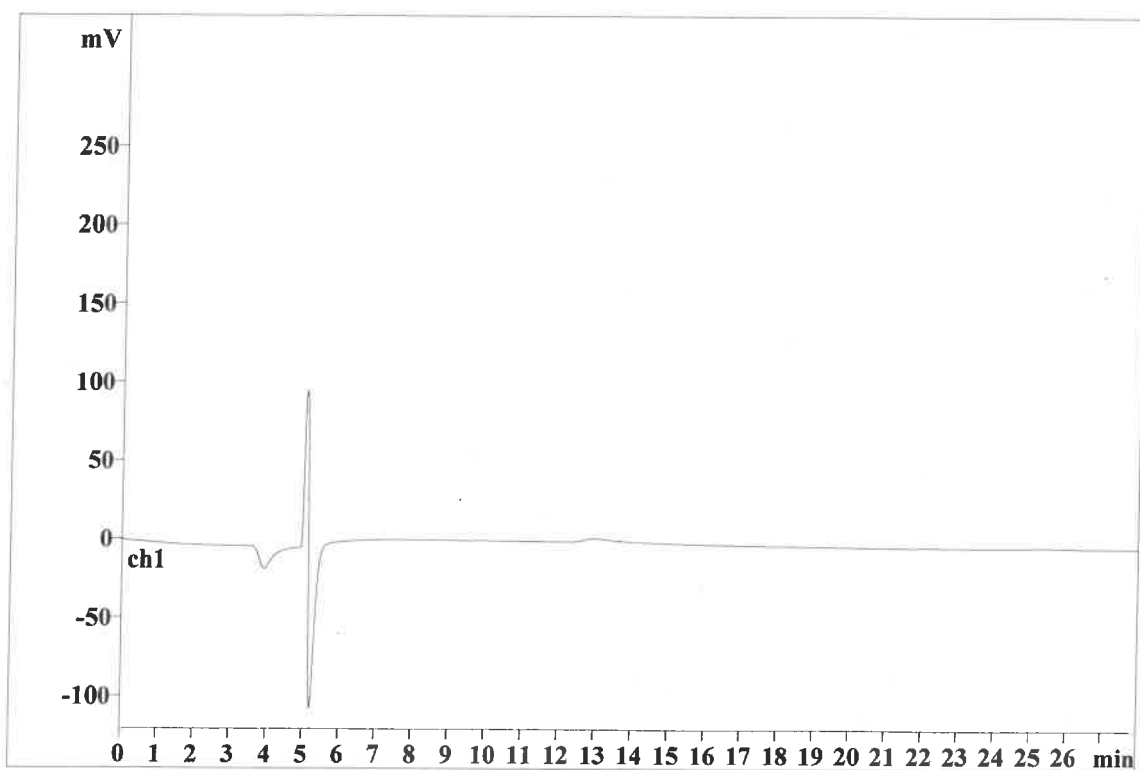
Ident: LB127269BLW
Analysis from: 9/12/2023 4:04:25 PM
File: _2023-09-12_

Last save: 9/13/2023 2:59:50 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35391

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 13
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 3:00:04 PM
Printed by: wet

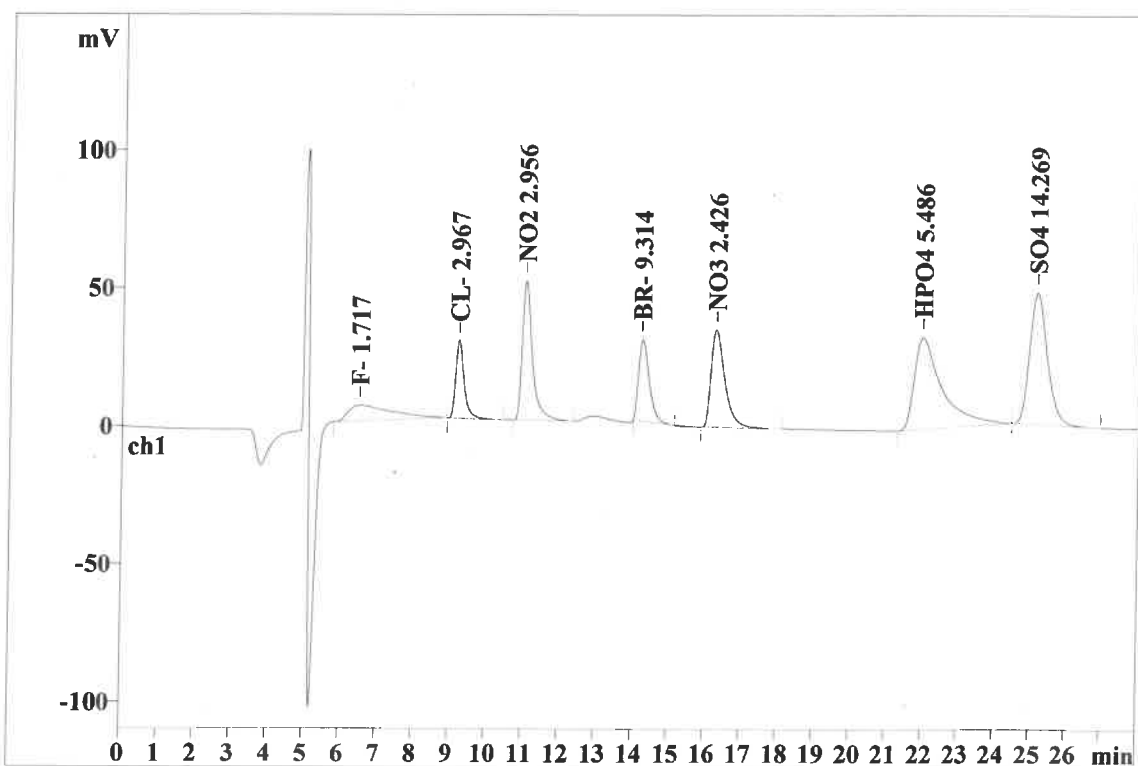
Ident: LB127269BSW
Analysis from: 9/12/2023 4:35:03 PM
File: _2023-09-12_

Last save: 9/13/2023 2:59:50 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35392

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 14
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.52	1.291	5.62	2.45	462.857	6.78
2	9.22	0.223	27.93	12.16	435.564	6.38
3	11.06	0.272	50.41	21.95	976.751	14.31
4	14.26	0.307	29.51	12.85	597.507	8.76
5	16.28	0.378	35.21	15.33	907.336	13.30
6	21.98	0.724	33.19	14.45	1799.716	26.37
7	25.17	0.520	47.80	20.81	1644.296	24.10
7	28.00	0.531	229.68	100.00	6824.025	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:27:55 PM
Printed by: wet

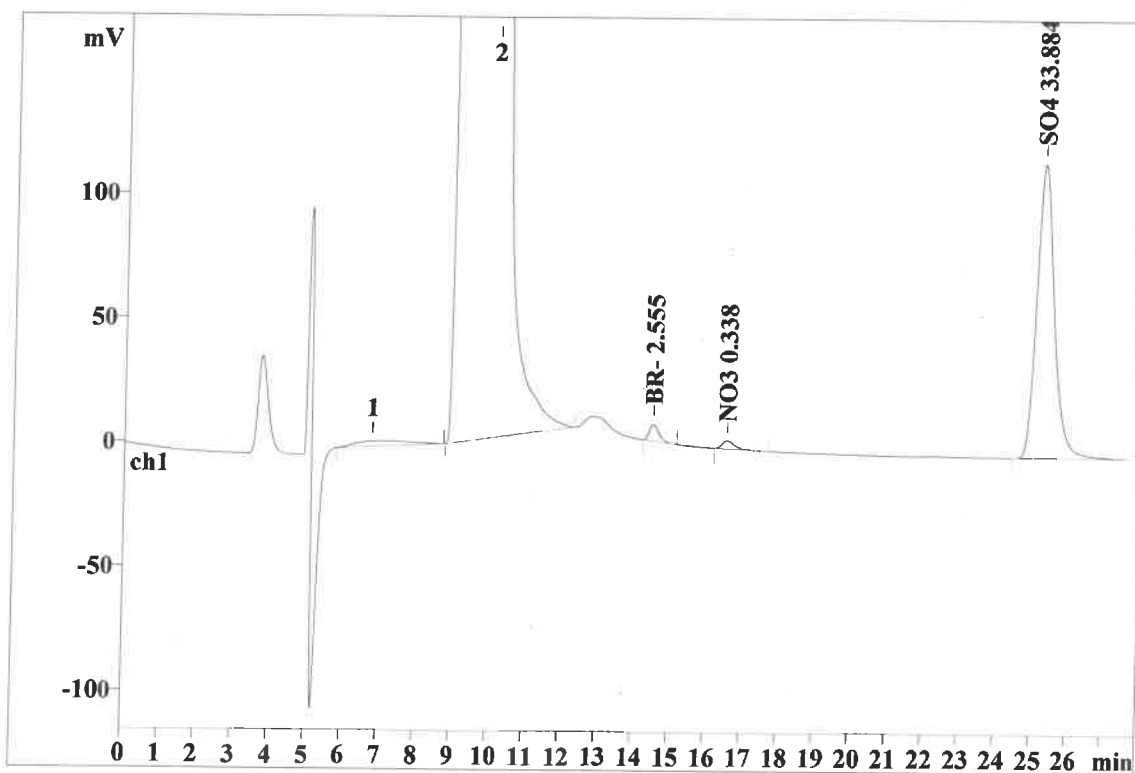
Ident: 04152-01
Analysis from: 9/12/2023 5:36:23 PM
File: _2023-09-12_

Last save: 9/12/2023 6:04:24 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35394

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 27
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	0.00	0.000	0.00	0.00	0.000	0.00
3	0.00	0.000	0.00	0.00	0.000	0.00
4	14.51	0.285	6.68	0.37	124.678	0.10
5	16.54	0.358	3.17	0.17	75.374	0.06
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.23	0.510	118.13	6.50	4061.018	3.11
7	28.00	0.165	127.97	7.04	4261.070	3.26

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:28:02 PM
Printed by: wet

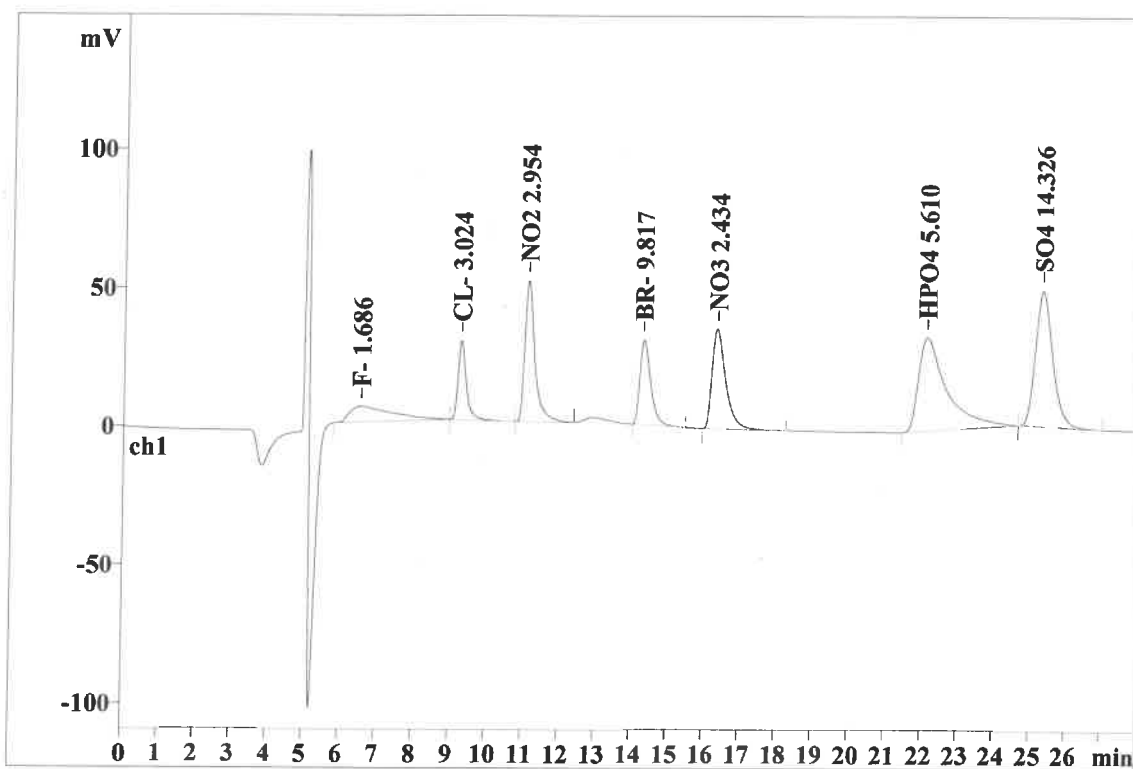
Ident: CCV
Analysis from: 9/12/2023 6:07:07 PM
File: _2023-09-12_

Last save: 9/12/2023 6:35:07 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35395

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.54	1.240	5.66	2.42	455.137	6.59
2	9.26	0.221	28.50	12.20	444.623	6.44
3	11.10	0.270	50.84	21.76	976.038	14.13
4	14.30	0.310	30.41	13.01	632.681	9.16
5	16.33	0.375	35.54	15.21	910.546	13.18
6	22.09	0.726	33.72	14.43	1839.042	26.62
7	25.28	0.510	48.96	20.96	1651.302	23.90
7	28.00	0.522	233.63	100.00	6909.369	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:28:17 PM
Printed by: wet

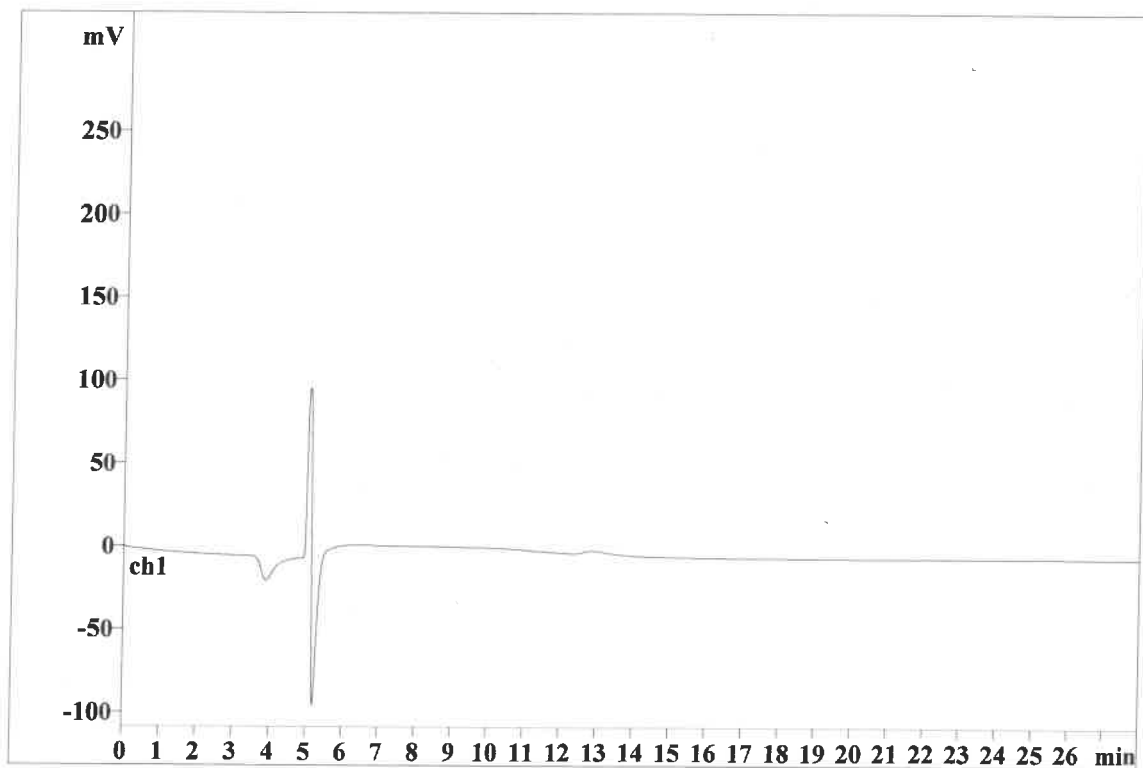
Ident: CCB
Analysis from: 9/12/2023 6:37:45 PM
File: _2023-09-12_

Last save: 9/13/2023 2:28:14 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35396

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
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
METROHM LTD

Report date: 9/13/2023 2:28:29 PM
Printed by: wet

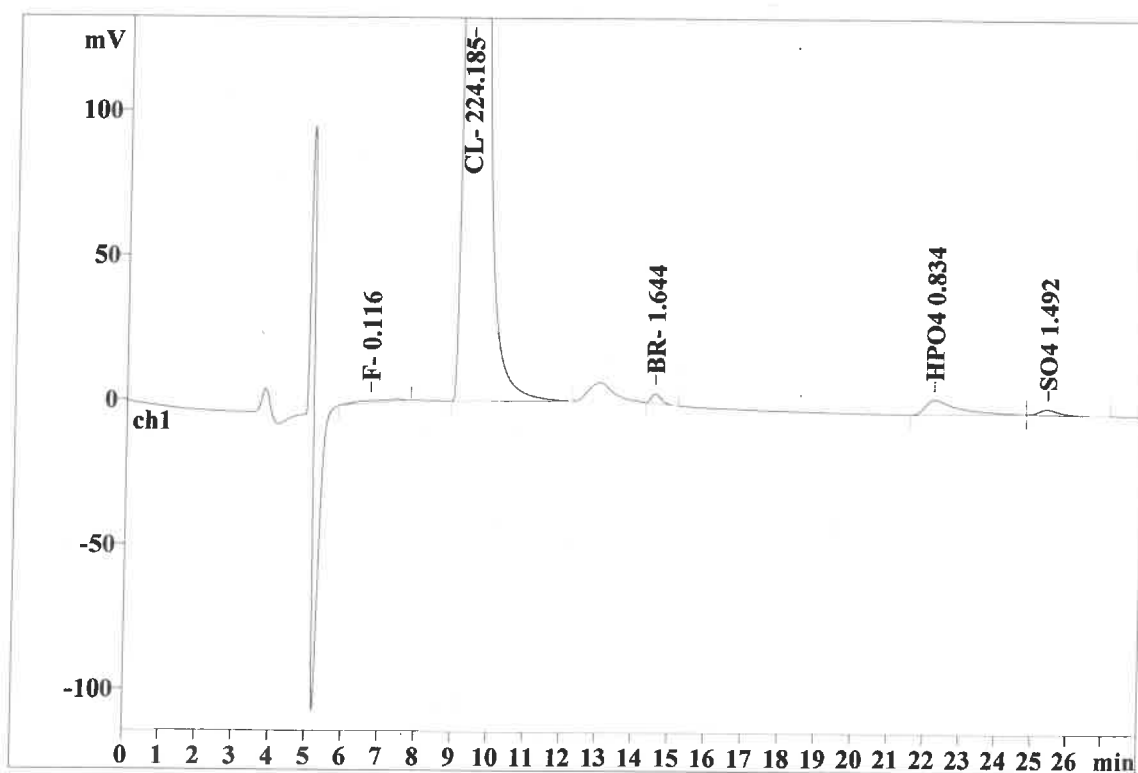
Ident: 04238-01X10
Analysis from: 9/12/2023 7:08:28 PM
File: _2023-09-12_

Last save: 9/12/2023 7:36:28 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35397

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 28
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.66	1.420	0.83	0.06	67.339	0.19
2	9.38	0.365	1415.61	99.23	35402.978	98.54
3	0.00	0.000	0.00	0.00	0.000	0.00
4	14.54	0.288	3.26	0.23	60.987	0.17
5	0.00	0.000	0.00	0.00	0.000	0.00
6	22.19	0.867	5.09	0.36	325.443	0.91
7	25.35	0.565	1.85	0.13	70.083	0.20
7	28.00	0.501	1426.64	100.00	35926.829	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:28:41 PM
Printed by: wet

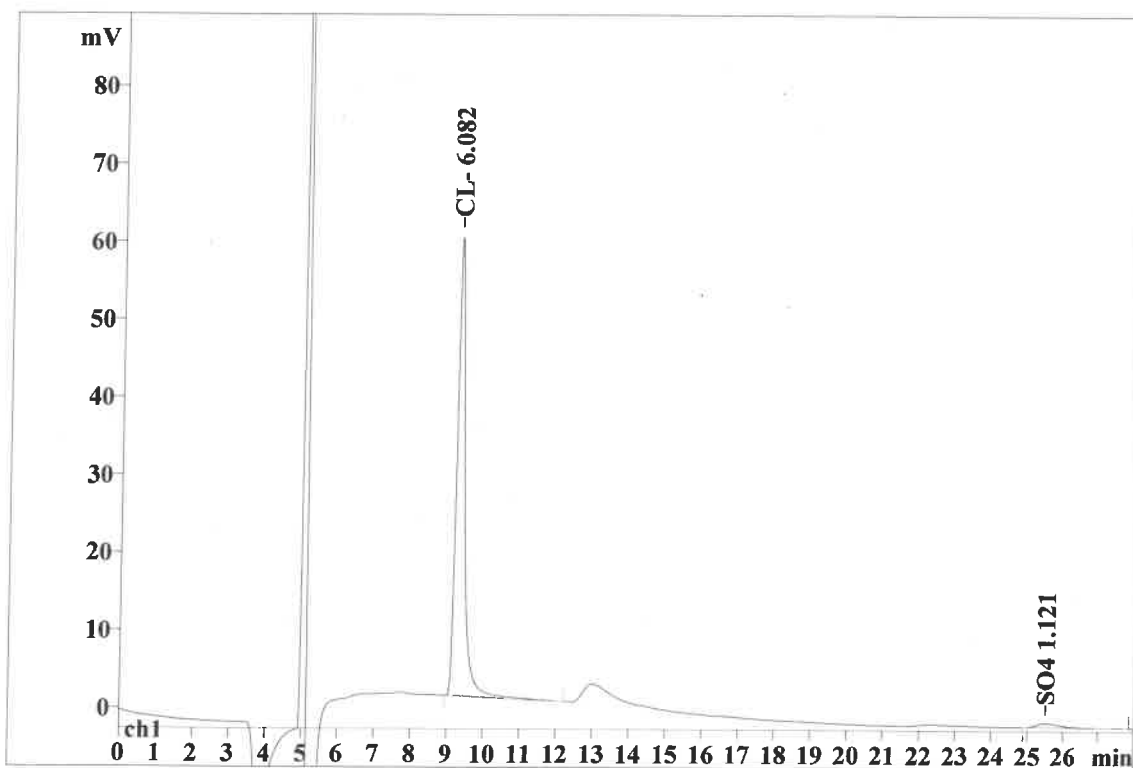
Ident: O4238-01DLX300
Analysis from: 9/12/2023 7:39:06 PM
File: _2023-09-12_

Last save: 9/12/2023 8:07:07 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35398

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 29
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	9.28	0.217	59.13	99.10	927.913	97.44
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.52	0.668	0.53	0.89	24.370	2.56
7	28.00	0.126	59.67	99.99	952.283	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:28:51 PM
Printed by: wet

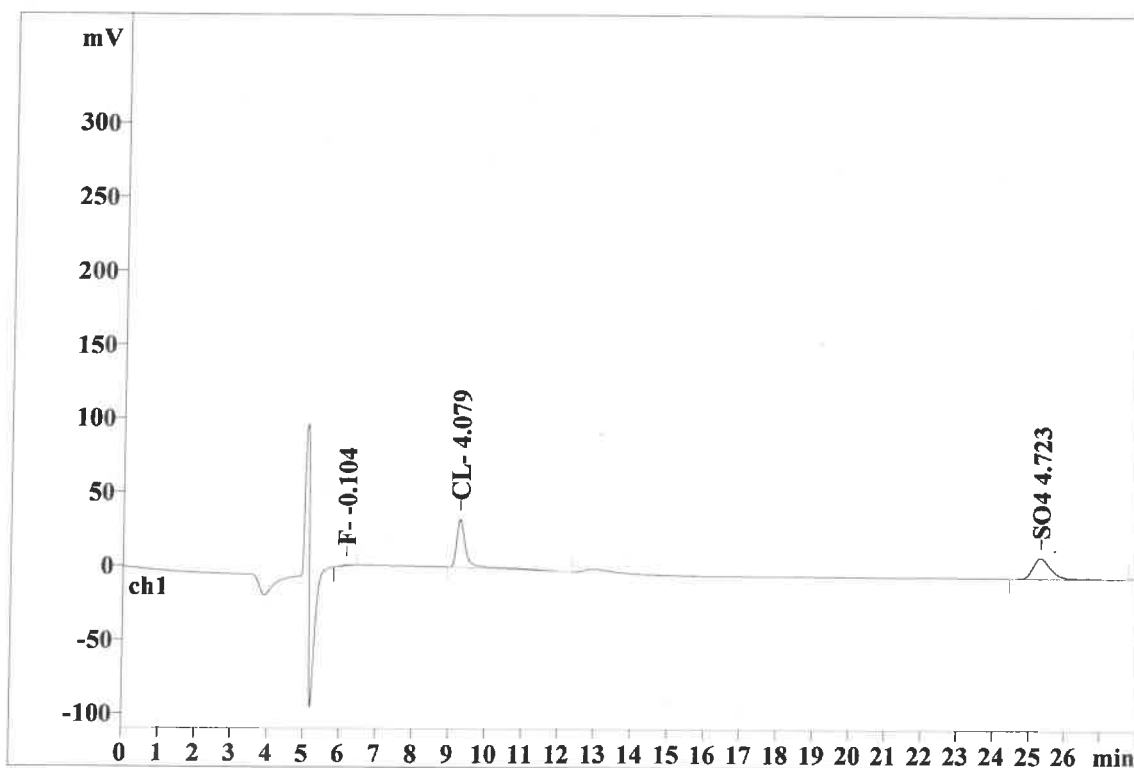
Ident: 04388-02
Analysis from: 9/12/2023 8:09:45 PM
File: _2023-09-12_

Last save: 9/12/2023 8:37:45 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35399

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 30
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.16	0.433	0.54	1.16	13.085	1.20
2	9.27	0.225	32.55	69.76	611.320	55.96
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.30	0.513	13.57	29.08	468.110	42.85
7	28.00	0.167	46.65	100.00	1092.516	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:28:57 PM
Printed by: wet

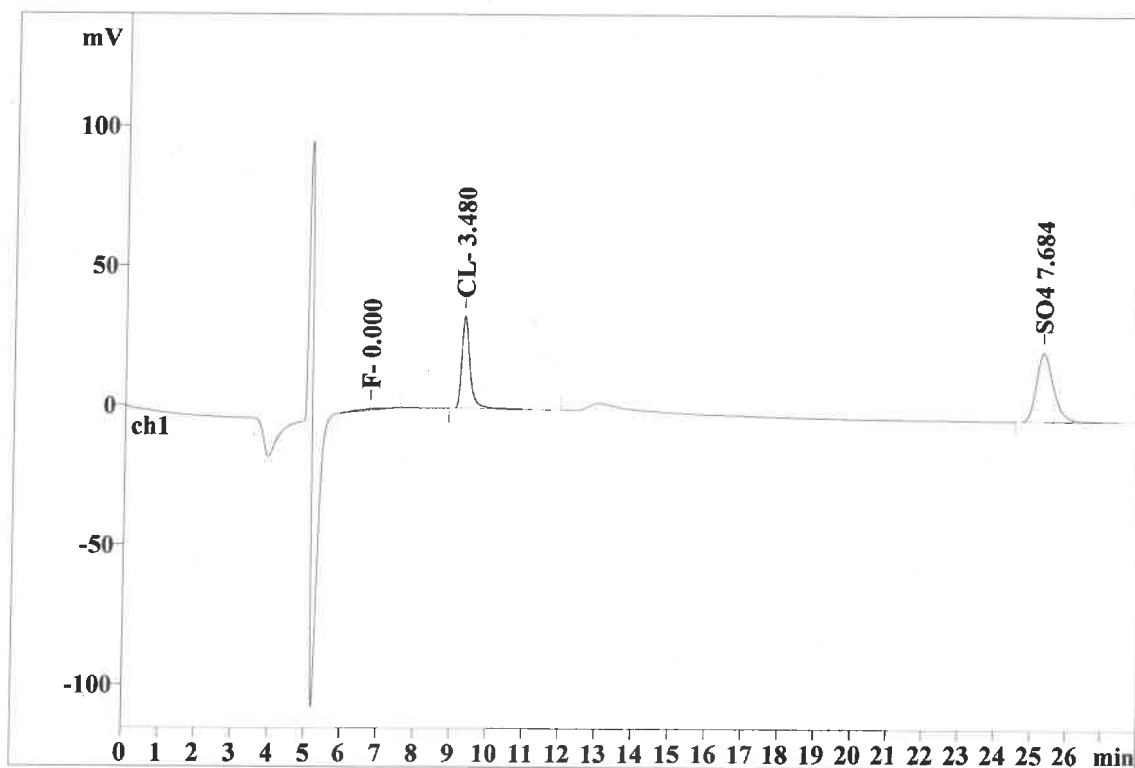
Ident: 04388-03
Analysis from: 9/12/2023 8:40:23 PM
File: _2023-09-12_

Last save: 9/12/2023 9:08:23 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35400

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 31
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.70	1.154	0.59	1.01	38.701	2.79
2	9.29	0.219	32.75	56.46	516.689	37.22
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.26	0.503	24.67	42.53	832.910	59.99
7	28.00	0.268	58.01	99.99	1388.301	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:29:04 PM
Printed by: wet

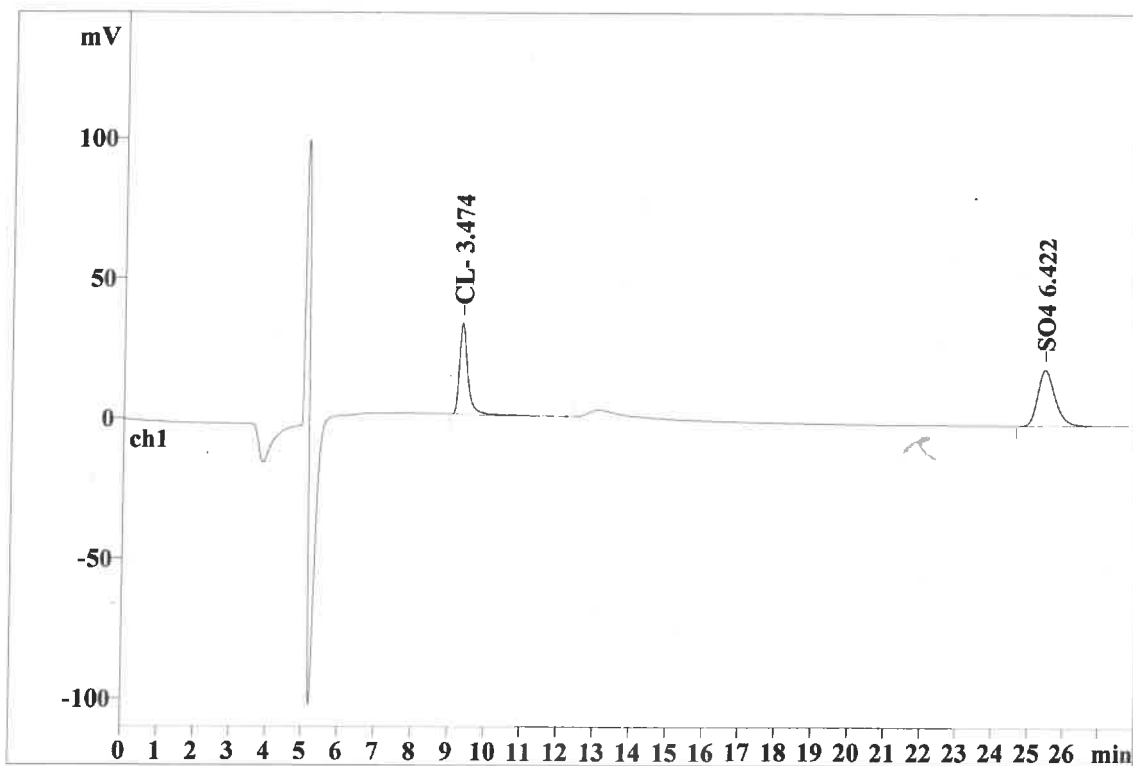
Ident: O4388-04
Analysis from: 9/12/2023 9:11:01 PM
File: _2023-09-12_

Last save: 9/12/2023 9:39:01 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35401

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 32
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	9.32	0.221	32.16	61.88	515.630	43.22
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.41	0.509	19.81	38.11	677.502	56.78
7	28.00	0.104	51.97	99.99	1193.132	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:29:33 PM
Printed by: wet

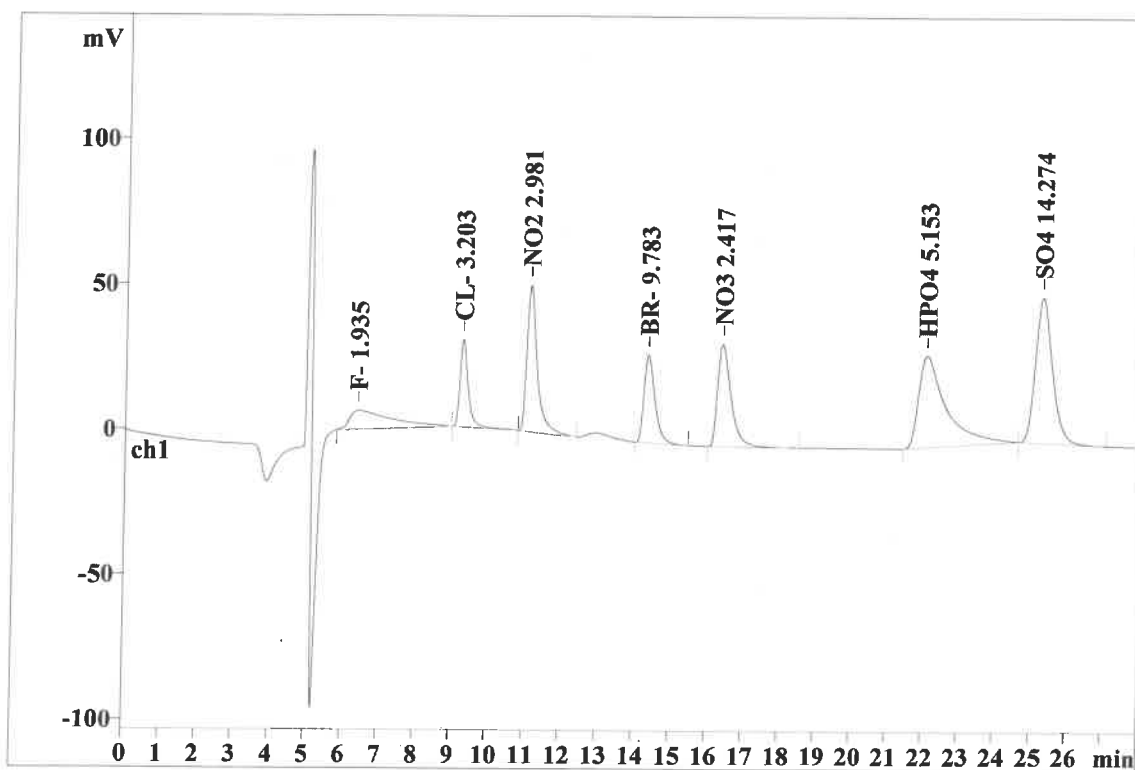
Ident: CCV
Analysis from: 9/12/2023 9:41:46 PM
File: _2023-09-12_

Last save: 9/13/2023 9:39:10 AM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35402

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	6.40	1.193	6.40	2.73	516.753	7.55
2	9.28	0.221	30.12	12.87	472.876	6.90
3	11.12	0.276	50.33	21.50	985.615	14.39
4	14.34	0.311	30.21	12.91	630.334	9.20
5	16.37	0.377	35.21	15.04	903.785	13.20
6	22.05	0.707	31.61	13.50	1694.289	24.74
7	25.25	0.495	50.19	21.44	1644.896	24.02
7	28.00	0.511	234.07	100.00	6848.547	100.00

This report has been created by IC Net
METROHM LTD

Report date: 9/13/2023 2:29:47 PM
Printed by: wet

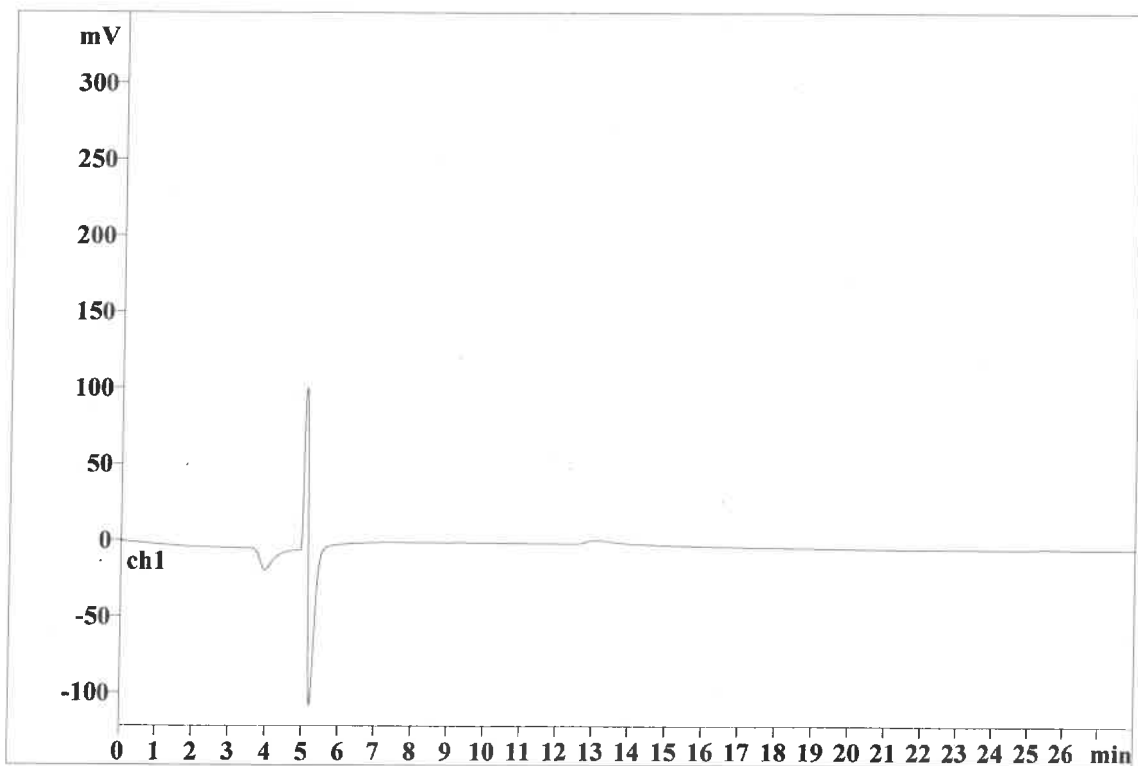
Ident: CCB
Analysis from: 9/12/2023 10:12:24 PM
File: _2023-09-12_

Last save: 9/13/2023 2:29:44 PM

Method: AnionsIC2-091123.mtw
Run operator: wet
Analysis number: 35403

Last save: 9/12/2023 11:57

SAMPLE:
: IZ/MA
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
METROHM LTD

WORKLIST(Hardcopy Internal Chain)

25127269

WorkList Name : Anions-091123 WorkList ID : 173475 Department : Wet-Chemistry Date : 09-11-2023 16:27:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4238-01	BI-WEEKLY-INFLUENT	Water	Anions Group1	Cool 4 deg C	INFR01	N11	08/30/2023	300.0
O4299-09	MW-01	Water	Anions Group1	Cool 4 deg C	LIRO01	N11	09/05/2023	300.0
O4299-10	TWP-01	Water	Anions Group1	Cool 4 deg C	LIRO01	N11	09/05/2023	300.0
O4343-01	SAMPLE-1-14TH-ST	Water	Anions Group1	Cool 4 deg C	SOUN03	N11	09/06/2023	300.0
O4343-02	SAMPLE-2-23RD-ST	Water	Anions Group1	Cool 4 deg C	SOUN03	N11	09/06/2023	300.0
O4388-02	RW8-MW01D2-20230905	Water	Anions Group2	Cool 4 deg C	TETR06	N11	09/05/2023	300.0
O4388-03	RW9-MW01D3-20230905	Water	Anions Group2	Cool 4 deg C	TETR06	N11	09/05/2023	300.0
O4388-04	RW9-MW01D2-20230905	Water	Anions Group2	Cool 4 deg C	TETR06	N11	09/05/2023	300.0

Date/Time 09/12/23 08:30
 Raw Sample Received by: 12/20/23
 Raw Sample Relinquished by: 78/621

Date/Time 09/12/23 10:20
 Raw Sample Received by: 78/621
 Raw Sample Relinquished by: 12/20/23

LB 12 2269

WORKLIST(Hardcopy Internal Chain)

WorkList Name : anion-8-23

WorkList ID : 173015

Department : Wet-Chemistry

Date : 08-24-2023 08:02:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4152-01	COMPOSITE-1	Water	Anions Group1	Cool 4 deg C	SOUN03		08/23/2023	300.0

Date/Time 08/12/23 00:30
Raw Sample Received by: 12/26/23
Raw Sample Relinquished by: 78/60/11

Date/Time 08/12/23 19:30
Raw Sample Received by: 78/60/11
Raw Sample Relinquished by: 12/26/23