

Clear table

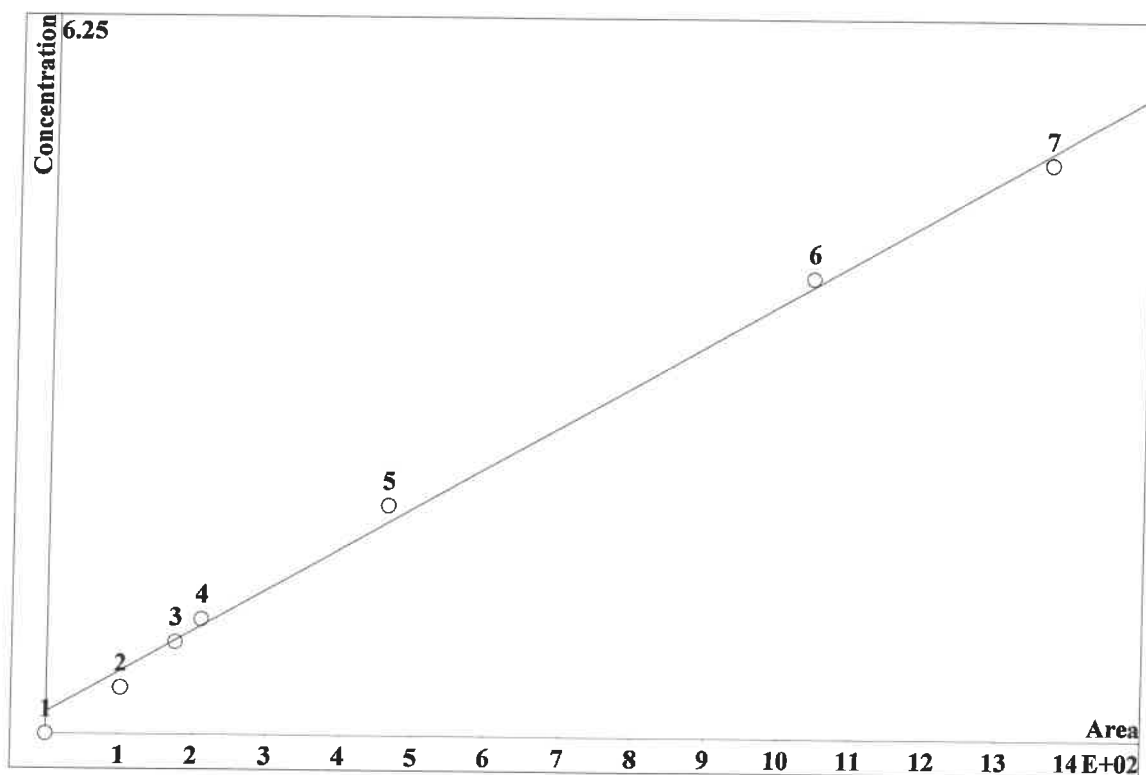
Instrument ID: IC-2					Analyst : IZ		Method: 300.0 / 9056A				
ident	concentra tion F-	concentratio n CL-	concentratio on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-01-19_	1/19/23 11:00		IZ/MA
STD2	0.4880	0.6840	0.7060	2.3300	0.5760	1.0560	3.4740	0.0000_2023-01-19_	1/19/23 11:31		IZ/MA
STD3	0.7760	1.2150	1.2130	4.0420	1.0070	2.0000	6.0020	0.0000_2023-01-19_	1/19/23 12:01		IZ/MA
STD4	0.9450	1.5030	1.5180	5.0520	1.2780	2.5430	7.4510	0.0000_2023-01-19_	1/19/23 12:32		IZ/MA
STD5	1.8550	2.8760	2.8370	9.5070	2.3720	4.8860	14.5380	0.0000_2023-01-19_	1/19/23 13:02		IZ/MA
STD6	3.9270	5.9350	5.9150	19.6950	4.9230	9.9270	29.5160	0.0000_2023-01-19_	1/19/23 13:33		IZ/MA
STD7	5.0990	7.5870	7.6110	25.3740	6.3440	12.5880	38.0180	0.0000_2023-01-19_	1/19/23 14:04		IZ/MA
ICV	1.8290	2.9990	3.0090	9.9010	2.4740	4.7390	14.6300	0.0000_2023-01-19_	1/19/23 15:07		IZ/MA
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-01-19_	1/19/23 15:38		IZ/MA
CCV	1.8150	3.0730	2.8170	9.8440	2.4170	4.8730	13.8910	0.0000_2023-02-10_	2/10/23 10:03		IZ/MA
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-02-10_	2/10/23 10:35		IZ/MA
LB124053BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-02-10_	2/10/23 11:05		IZ/MA
LB124053BSW	1.8420	2.9560	2.7890	9.8780	2.4450	4.5780	14.5300	0.0000_2023-02-10_	2/10/23 11:36		IZ/MA
O1516-02	0.6820	12.4050	0.0000	0.0000	0.0000	0.5530	4.6660	0.0000_2023-02-10_	2/10/23 12:07		IZ/MA
O1516-03	0.5040	136.7630	0.0000	0.0000	0.9650	0.0000	109.1250	0.0000_2023-02-10_	2/10/23 12:39		IZ/MA
O1516-03MS	2.3860	134.3700	3.0680	10.2160	3.3630	1.7690	121.0480	0.0000_2023-02-10_	2/10/23 13:15		IZ/MA
O1516-03MSD	2.3060	134.9420	2.9730	9.9340	3.3000	1.5630	121.5840	0.0000_2023-02-10_	2/10/23 13:46		IZ/MA
O1516-03DLX10	0.0000	10.6940	0.0000	0.0000	0.2370	0.0000	9.0910	0.0000_2023-02-10_	2/10/23 14:18		IZ/MA
O1516-03DL2X50	0.0000	2.0180	0.0000	0.0000	0.0000	0.0000	2.5590	0.0000_2023-02-10_	2/10/23 14:50		IZ/MA
CCV	1.9150	3.0400	3.0410	10.0770	2.4940	5.8770	14.8050	0.0000_2023-02-10_	2/10/23 15:21		IZ/MA
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-02-10_	2/10/23 15:53		IZ/MA
CCV	1.8140	2.7970	2.7520	9.3160	2.3020	5.2080	13.7080	0.0000_2023-02-13_	2/13/23 11:02		IZ/MA
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-02-13_	2/13/23 11:34		IZ/MA
LB124053BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-02-13_	2/13/23 12:06		IZ/MA
LB124053BLS2	1.8020	2.8480	2.7750	9.4410	2.3540	4.8850	13.9370	0.0000_2023-02-13_	2/13/23 12:38		IZ/MA
O1516-02DLX5	0.0000	2.3890	0.0000	0.0000	0.0000	0.0000	1.7150	0.0000_2023-02-13_	2/13/23 13:11		IZ/MA
O1532-02	0.7240	102.7530	0.0000	0.0000	0.0000	0.0000	23.7180	0.0000_2023-02-13_	2/13/23 13:43		IZ/MA
O1532-05	0.5610	13.7940	0.0000	0.0000	0.0000	0.5340	46.9320	0.0000_2023-02-13_	2/13/23 14:15		IZ/MA
O1532-02DLX20	0.0000	3.6010	0.0000	0.0000	0.0000	0.0000	1.9900	0.0000_2023-02-13_	2/13/23 14:46		IZ/MA
O1532-05DLX5	0.0000	2.4850	0.0000	0.0000	0.0000	0.0000	8.6520	0.0000_2023-02-13_	2/13/23 15:18		IZ/MA
CCV	1.8350	2.9370	2.9070	9.5090	2.3680	5.4610	14.0250	0.0000_2023-02-13_	2/13/23 15:50		IZ/MA
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000_2023-02-13_	2/13/23 16:21		IZ/MA

Clear table

Instrument ID: IC-2											
Analyst : IZ				Method:		300.0 / 9056A					
ident	concentra 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	2023-01-19_	1/19/23 11:00		IZ/MA
STD2	0.4880	0.6840	0.7060	2.3300	0.5760	1.0560	3.4740	2023-01-19_	1/19/23 11:31		IZ/MA
STD3	0.7760	1.2150	1.2130	4.0420	1.0070	2.0000	6.0020	2023-01-19_	1/19/23 12:01		IZ/MA
STD4	0.9450	1.5030	1.5180	5.0520	1.2780	2.5430	7.4510	2023-01-19_	1/19/23 12:32		IZ/MA
STD5	1.8550	2.8760	2.8370	9.5070	2.3720	4.8860	14.5380	2023-01-19_	1/19/23 13:02		IZ/MA
STD6	3.9270	5.9350	5.9150	19.6950	4.9230	9.9270	29.5160	2023-01-19_	1/19/23 13:33		IZ/MA
STD7	5.0990	7.5870	7.6110	25.3740	6.3440	12.5880	38.0180	2023-01-19_	1/19/23 14:04		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											
STD2	22.0000	14.0000	17.6667	16.5000	15.2000	5.6000	15.8000				
STD3	-3.0000	1.2500	1.0833	1.0500	0.7000	0.0000	0.0333				
STD4	-5.5000	0.2000	1.2000	1.0400	2.2400	1.7200	-0.6533				
STD5	-7.2500	-4.1333	-5.4333	-4.9300	-5.1200	-2.2800	-3.0800				
STD6	-1.8250	-1.0833	-1.4167	-1.5250	-1.5400	-0.7300	-1.6133				
STD7	1.9800	1.1600	1.4800	1.4960	1.5040	0.7040	2.7514				

CALIBRATION OF COMPONENT F-

Method: AnionsIC2-011923.mtw
 Equation: $Q = 0.0718827 \cdot A + 3.79033$
 RSD: 5.705 %
 Correlation coefficient: 0.998224

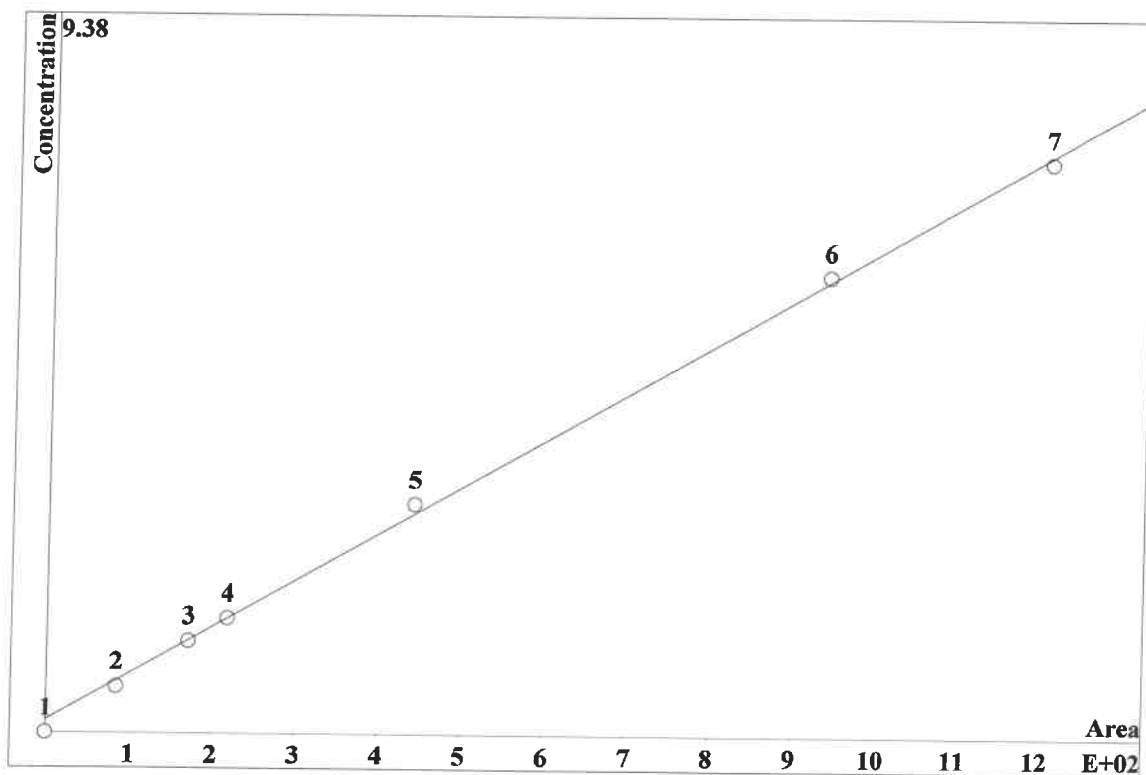


K3 = 0 K2 = 0 K1 = 0.0718827 K0 = 3.79033
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	1.665	101.3	0.4	20	5.877		
3	3.591	175.3	0.8	20	5.877		
4	5.046	210.3	1	20	5.877		
5	10.25	463.5	2	20	5.877		
6	24.4	1040	4	20	5.877		
7	33.78	1366	5	20	5.877		

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-011923.mtw
 Equation: $Q = 0.122731 \cdot A + 3.35655$
 RSD: 2.808 %
 Correlation coefficient: 0.999570



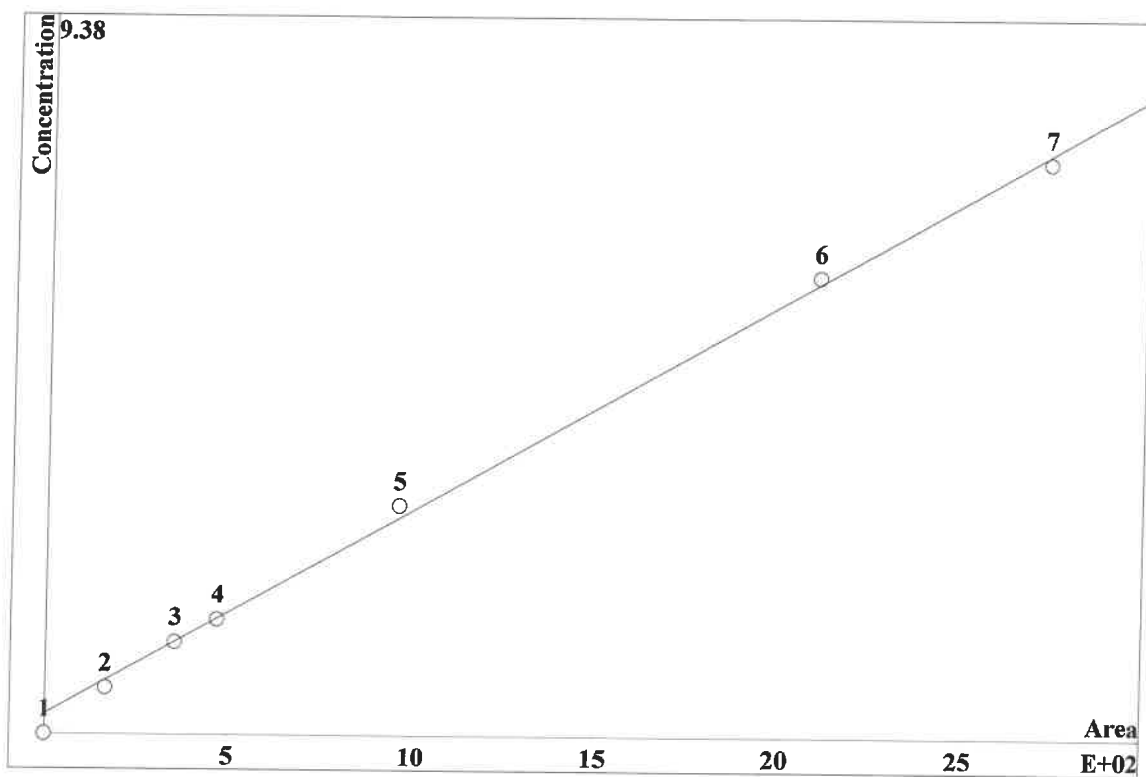
K3 = 0 K2 = 0 K1 = 0.122731 K0 = 3.35655
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	5.645	84.08	0.6	20	9.035		
3	11.46	170.6	1.2	20	9.035		
4	14.93	217.5	1.5	20	9.035		
5	30.2	441.3	3	20	9.035		
6	65.55	939.9	6	20	9.035		
7	84.31	1209	7.5	20	9.035		

5?□

CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-011923.mtw
 Equation: $Q = 0.0538346 \cdot A + 5.16968$
 RSD: 3.640 %
 Correlation coefficient: 0.999277

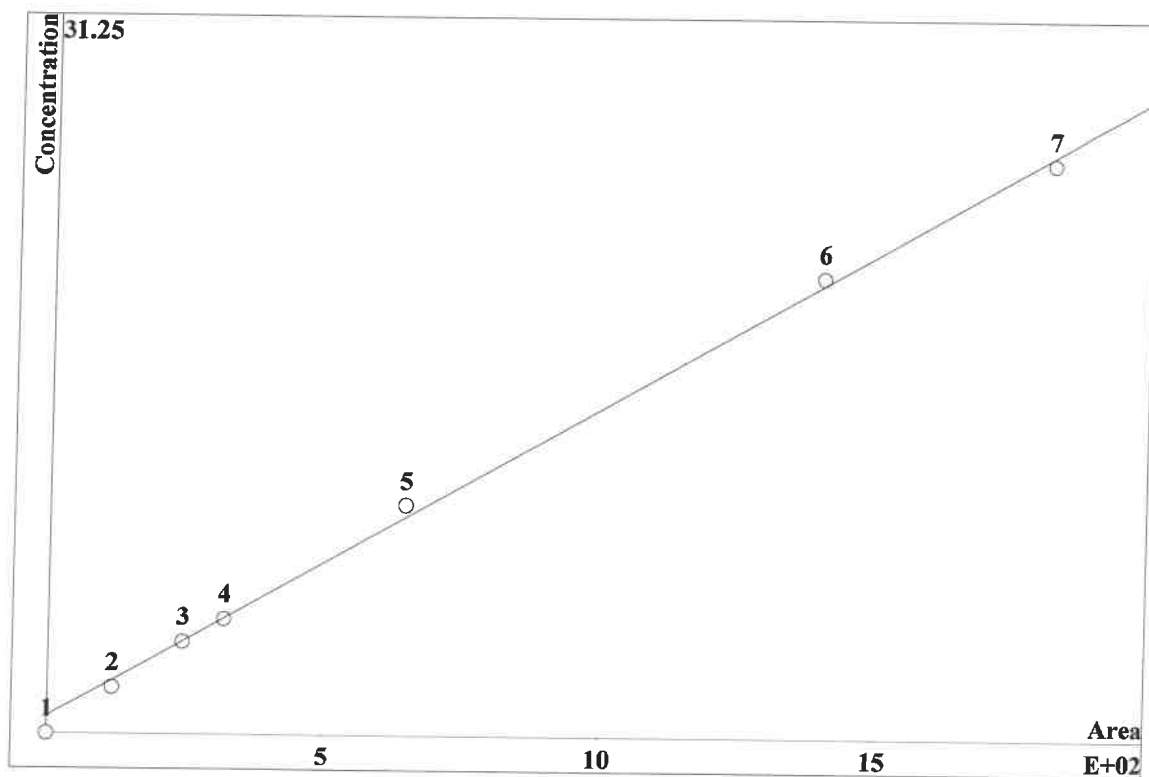


K3 = 0 K2 = 0 K1 = 0.0538346 K0 = 5.16968
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	8.896	166.1	0.6	20	10.93		
3	18.77	354.5	1.2	20	10.93		
4	24.82	468.1	1.5	20	10.93		
5	50.96	958	3	20	10.93		
6	109.4	2102	6	20	10.93		
7	138.2	2732	7.5	20	10.93		

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-011923.mtw
 Equation: $Q = 0.271166 \cdot A + 15.2217$
 RSD: 3.488 %
 Correlation coefficient: 0.999337



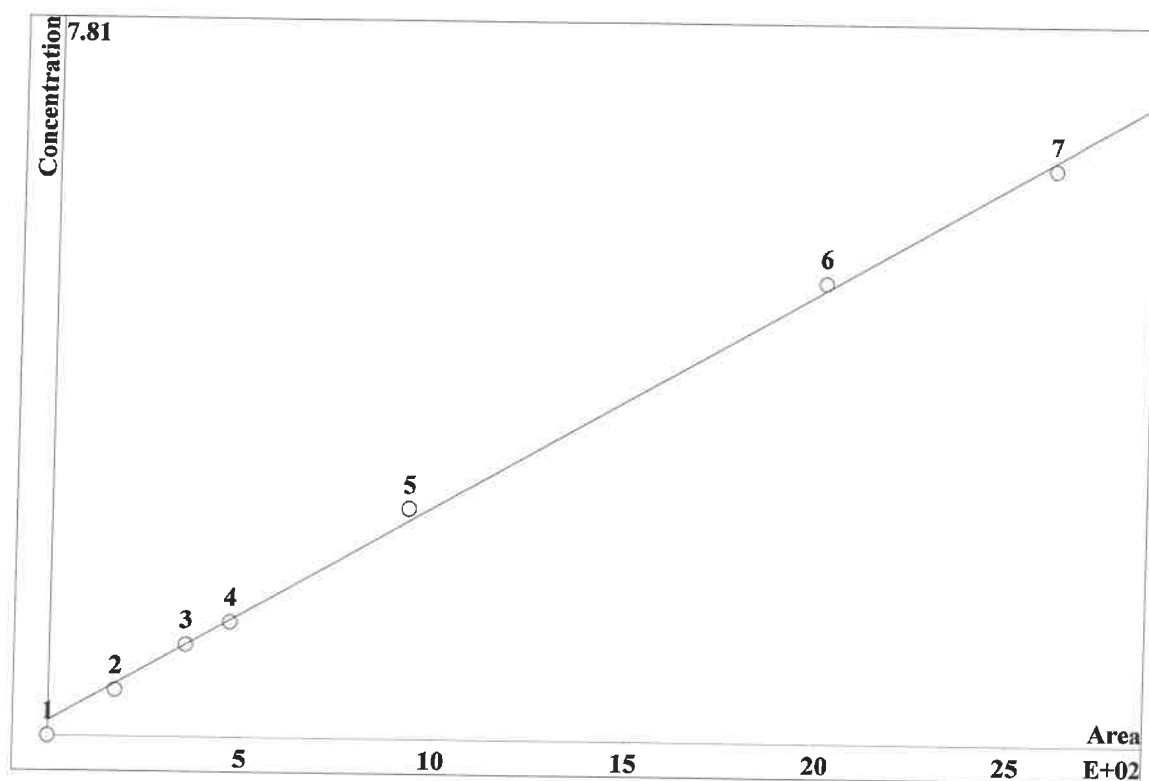
K3 = 0 K2 = 0 K1 = 0.271166 K0 = 15.2217
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	6.174	115.7	2	20	13.41		
3	13.1	242	4	20	13.41		
4	17.12	316.5	5	20	13.41		
5	35.22	645.1	10	20	13.41		
6	78.35	1397	20	20	13.41		
7	102.9	1815	25	20	13.41		

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CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-011923.mtw
 Equation: $Q = 0.0475204 \cdot A + 3.28798$
 RSD: 3.530 %
 Correlation coefficient: 0.999321

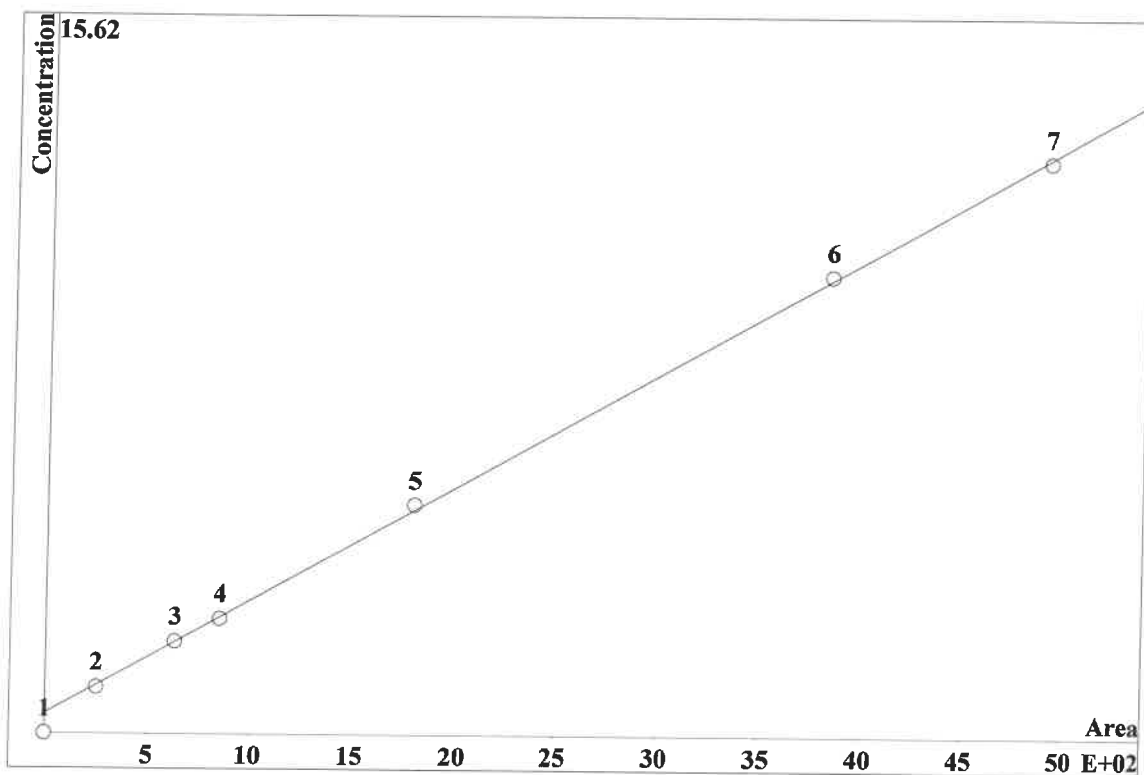


K3 = 0 K2 = 0 K1 = 0.0475204 K0 = 3.28798
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	7.292	173.3	0.5	20	16.64		
3	15.21	354.6	1	20	16.64		
4	19.8	468.5	1.25	20	16.64		
5	40.31	929.2	2.5	20	16.64		
6	88.71	2003	5	20	16.64		
7	117	2601	6.25	20	16.64		

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-011923.mtw
 Equation: $Q = 0.0494757 \cdot A + 8.69571$
 RSD: 1.605 %
 Correlation coefficient: 0.999860



K3 = 0 K2 = 0 K1 = 0.0494757 K0 = 8.69571

Base: Area

Ref.channel: ch1

ISTD:

Formula: Linear

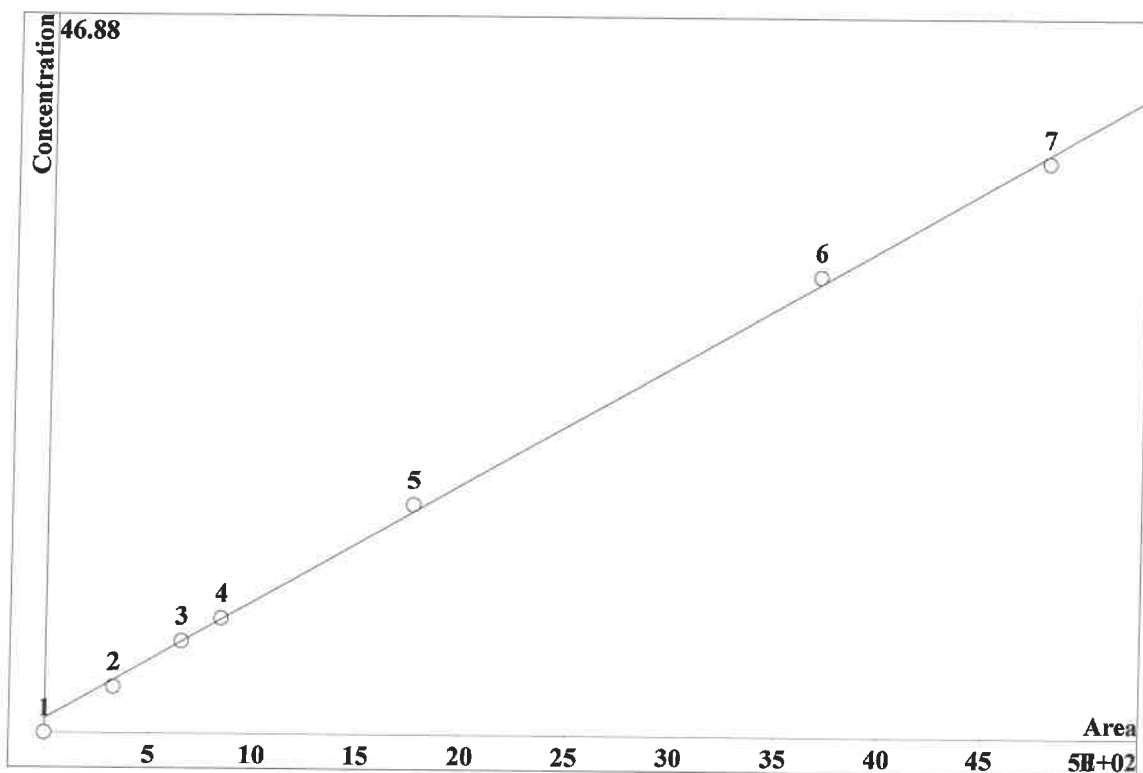
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	5.091	251.2	1	20	21.97		
3	13.33	632.6	2	20	21.97		
4	18.27	852.2	2.5	20	21.97		
5	40.12	1799	5	20	21.97		
6	92.02	3837	10	20	21.97		
7	120.8	4913	12.5	20	21.97		

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CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-011923.mtw
 Equation: $Q = 0.154808 \cdot A + 18.7638$
 RSD: 2.942 %
 Correlation coefficient: 0.999528



K3 = 0 K2 = 0 K1 = 0.154808 K0 = 18.7638
 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	10.52	327.6	3	20	25.5		
3	21.61	654.2	6	20	25.5		
4	27.95	841.5	7.5	20	25.5		
5	56.94	1757	15	20	25.5		
6	126.6	3692	30	20	25.5		
7	165.8	4790	37.5	20	25.5		

Report date: 1/19/2023 4:18:28 PM
Printed by: wet

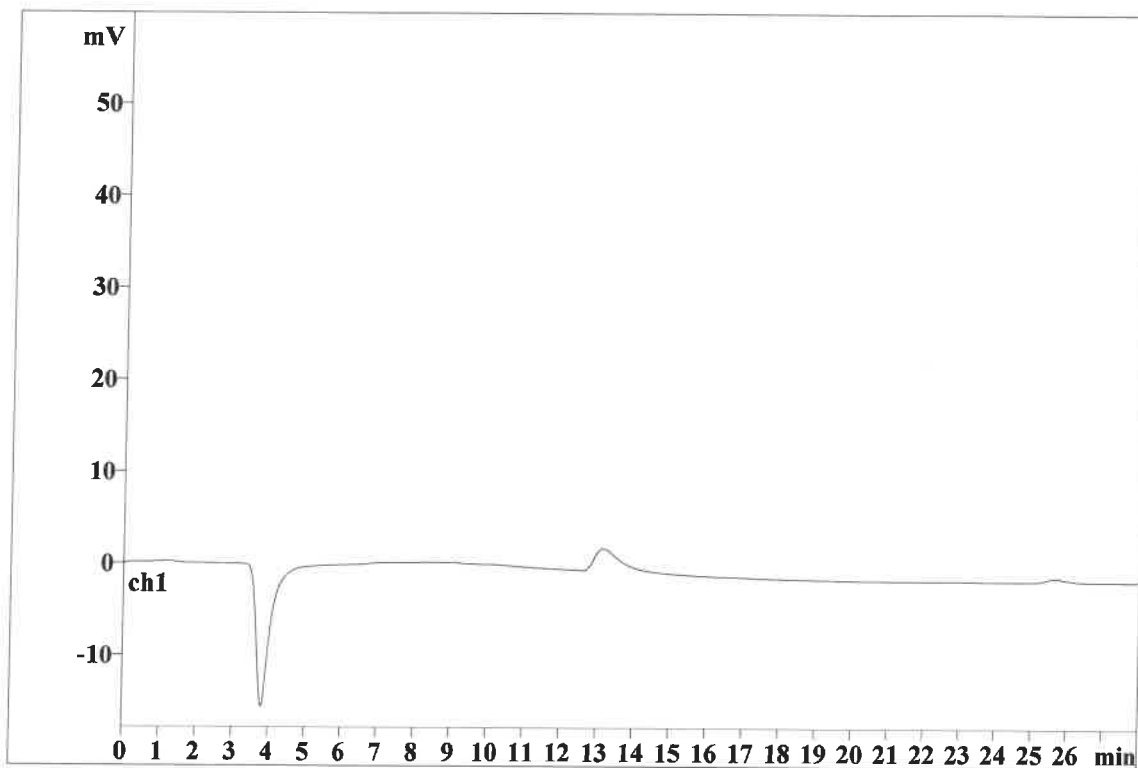
Ident: STD1
Analysis from: 1/19/2023 11:00:25 AM
File: _2023-01-19_

Last save: 1/19/2023 2:36:27 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33045

Last save: 1/19/2023 2:01:

SAMPLE:
: IZ/MA
Vial number: 2
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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Printed by: wet

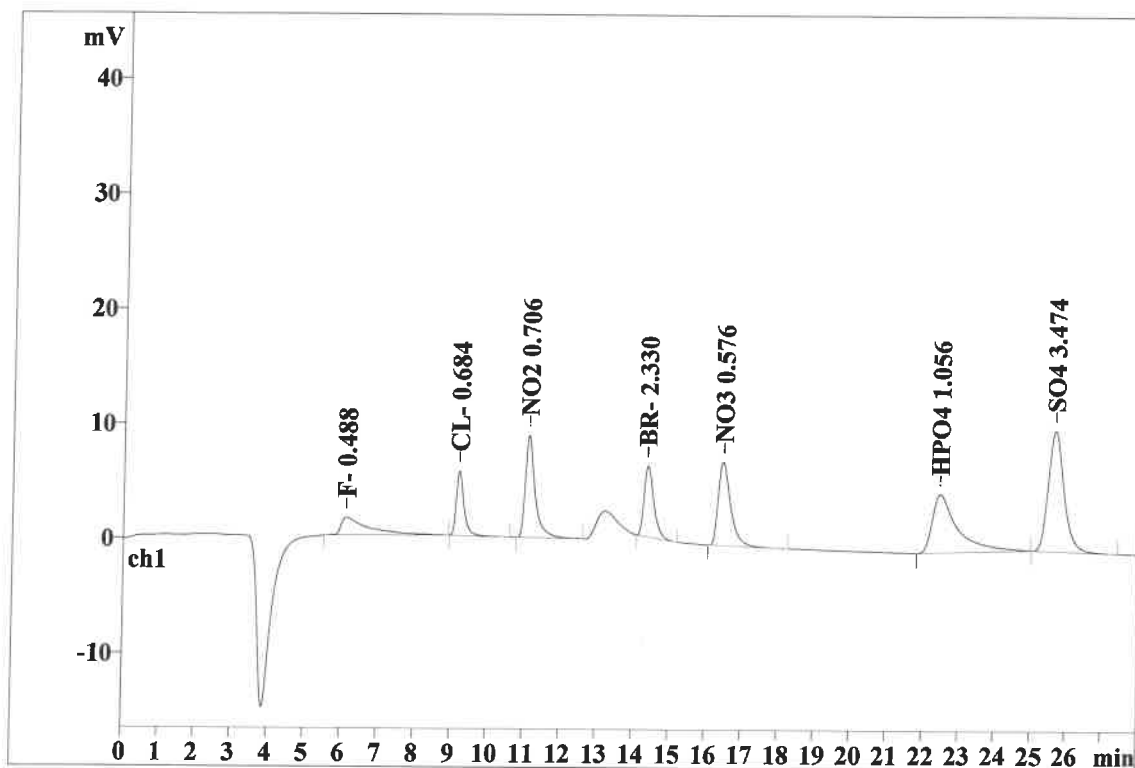
Ident: STD2
Analysis from: 1/19/2023 11:31:03 AM
File: _2023-01-19_

Last save: 1/19/2023 2:36:27 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33046

Last save: 1/19/2023 2:01:

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	6.12	0.652	1.54	3.40	82.927	6.91
2	9.19	0.212	5.64	12.50	84.078	7.00
3	11.11	0.258	8.89	19.70	166.075	13.83
4	14.37	0.282	6.18	13.67	115.707	9.64
5	16.43	0.348	7.29	16.15	173.319	14.43
6	22.44	0.635	5.09	11.27	251.163	20.92
7	25.64	0.465	10.52	23.30	327.566	27.28
7	28.00	0.407	45.16	99.99	1200.836	100.00

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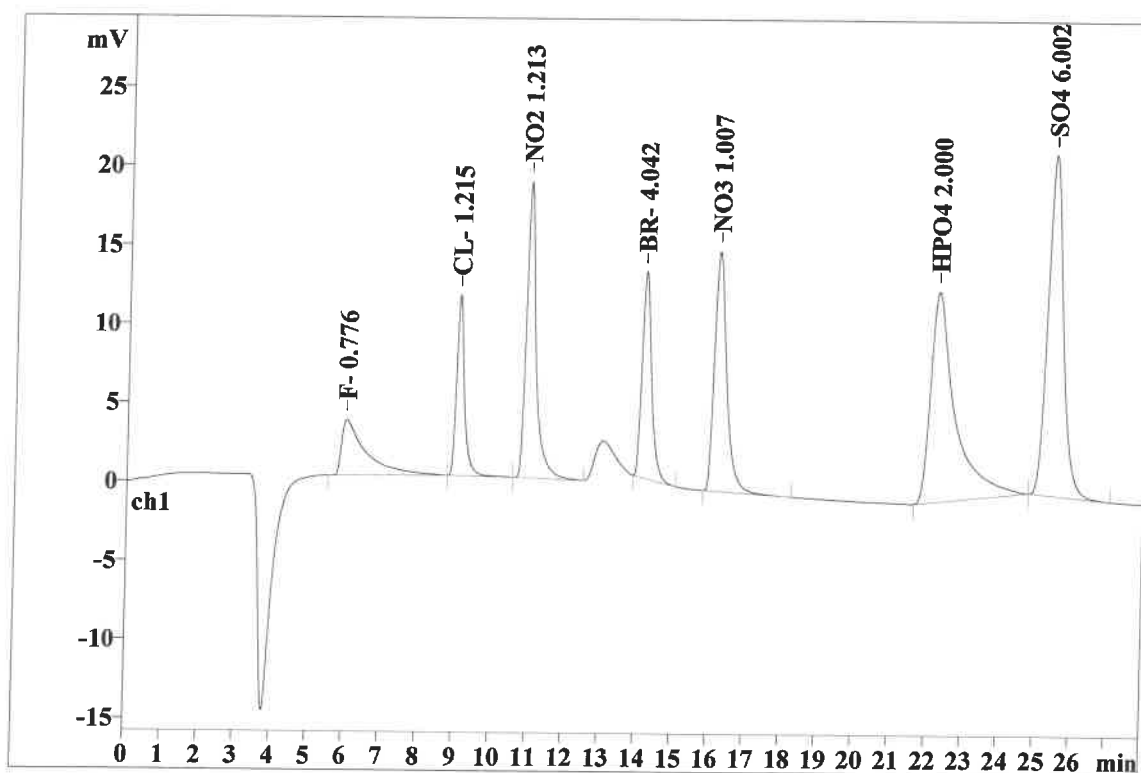
Ident: STD3
Analysis from: 1/19/2023 12:01:40 PM
File: _2023-01-19_

Last save: 1/19/2023 2:36:27 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33047

Last save: 1/19/2023 2:01:

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	6.02	0.584	3.50	3.61	163.093	6.34
2	9.07	0.212	11.46	11.82	170.642	6.64
3	10.96	0.259	18.77	19.35	354.456	13.78
4	14.18	0.276	13.10	13.50	241.952	9.41
5	16.19	0.342	15.21	15.68	354.642	13.79
6	22.24	0.609	13.33	13.74	632.560	24.60
7	25.43	0.455	21.61	22.28	654.237	25.44
7	28.00	0.391	96.99	100.00	2571.582	100.00

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Printed by: wet

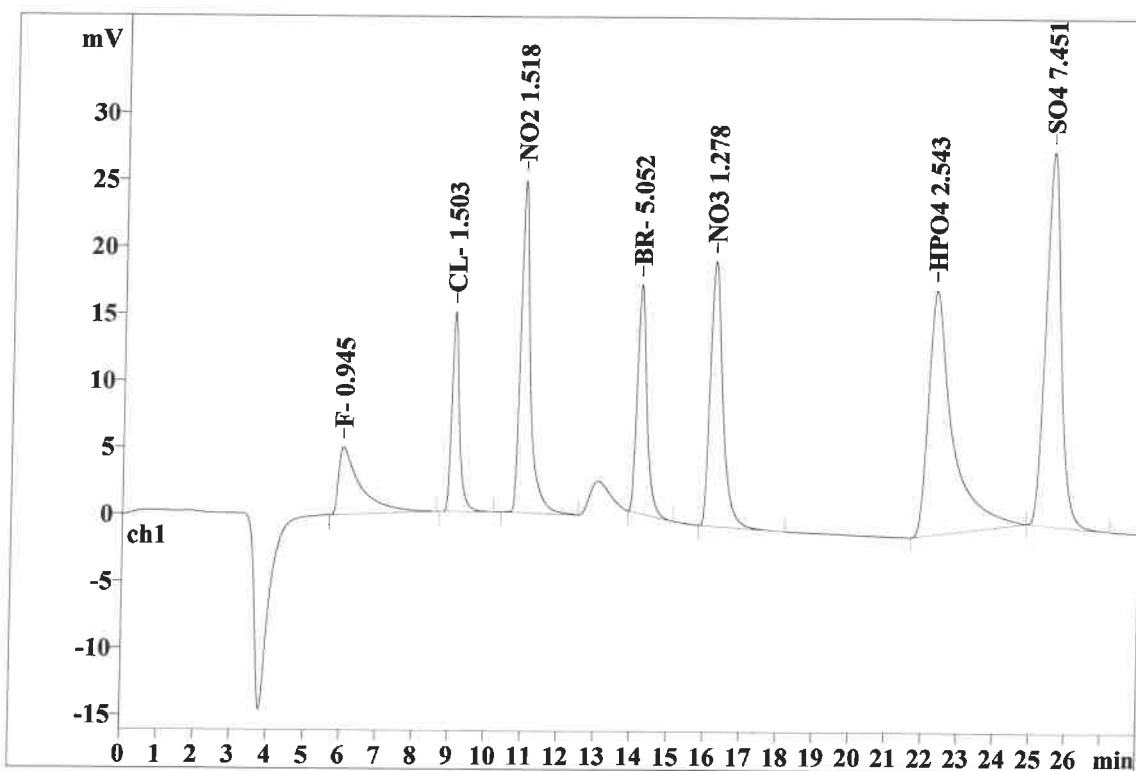
Ident: STD4
Analysis from: 1/19/2023 12:32:18 PM
File: _2023-01-19_

Last save: 1/19/2023 2:36:27 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33048

Last save: 1/19/2023 2:01:

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	6.00	0.527	5.05	3.94	210.322	6.23
2	9.06	0.209	14.93	11.67	217.524	6.45
3	10.95	0.259	24.82	19.40	468.089	13.87
4	14.16	0.275	17.12	13.38	316.508	9.38
5	16.18	0.348	19.80	15.47	468.497	13.88
6	22.29	0.598	18.28	14.28	852.213	25.25
7	25.49	0.453	27.95	21.85	841.462	24.94
7	28.00	0.381	127.94	100.00	3374.616	100.00

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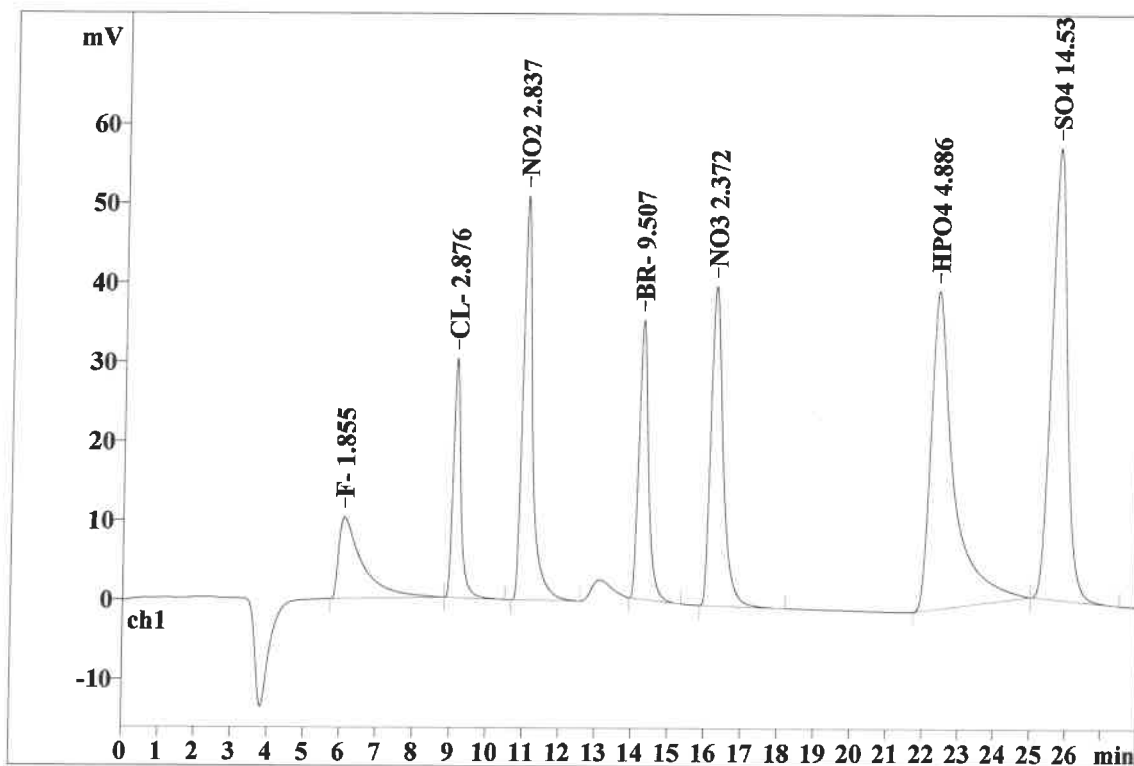
Ident: STD5
Analysis from: 1/19/2023 1:02:56 PM
File: _2023-01-19_

Last save: 1/19/2023 2:36:27 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33049

Last save: 1/19/2023 2:01:

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	6.07	0.593	10.25	3.88	463.485	6.63
2	9.11	0.208	30.20	11.44	441.349	6.31
3	11.00	0.259	50.95	19.30	957.967	13.70
4	14.23	0.271	35.22	13.34	645.058	9.22
5	16.21	0.337	40.31	15.27	929.238	13.29
6	22.34	0.572	40.12	15.20	1799.193	25.73
7	25.68	0.464	56.94	21.57	1757.051	25.12
7	28.00	0.386	264.00	100.00	6993.341	100.00

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Report date: 1/19/2023 4:19:58 PM
Printed by: wet

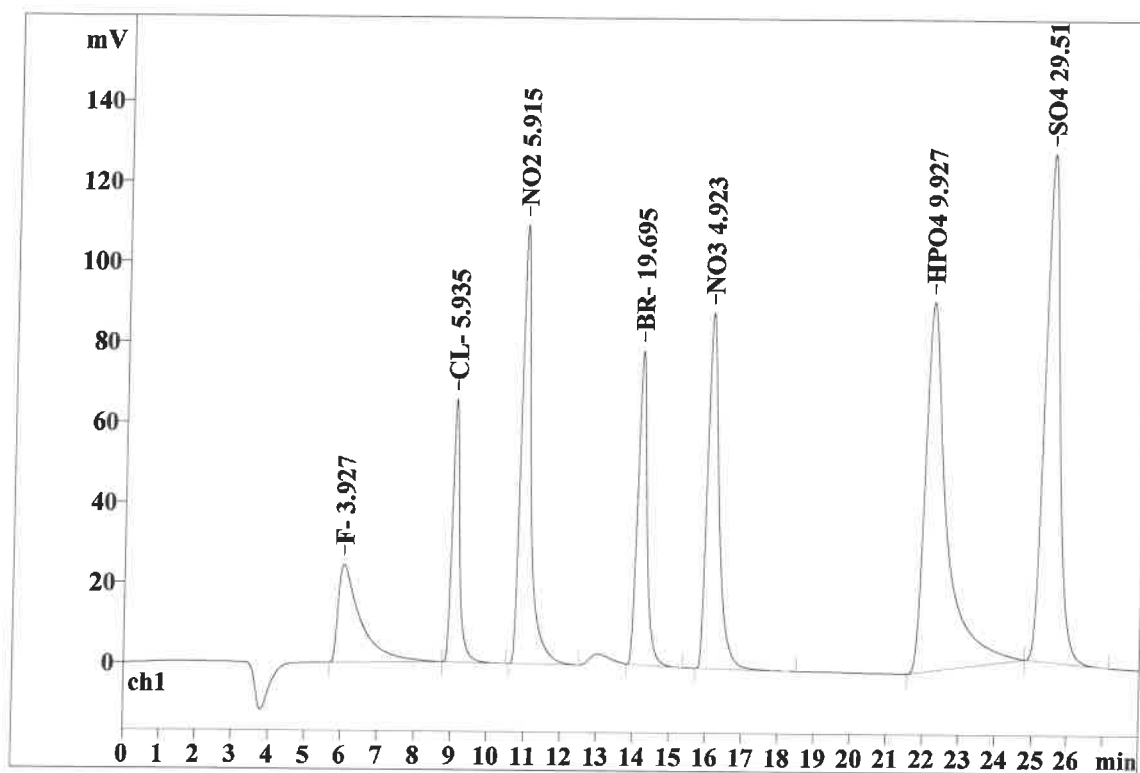
Ident: STD6
Analysis from: 1/19/2023 1:33:34 PM
File: _2023-01-19_

Last save: 1/19/2023 2:36:27 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33050

Last save: 1/19/2023 2:01:

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	6.03	0.566	24.40	4.17	1039.904	6.93
2	9.05	0.203	65.55	11.20	939.853	6.26
3	10.91	0.264	109.43	18.70	2101.519	14.00
4	14.14	0.262	78.35	13.39	1396.507	9.30
5	16.06	0.329	88.71	15.16	2002.740	13.34
6	22.16	0.538	92.02	15.73	3837.261	25.57
7	25.41	0.438	126.62	21.64	3692.017	24.60
7	28.00	0.372	585.07	100.00	15009.802	100.00

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Report date: 1/19/2023 4:20:05 PM
Printed by: wet

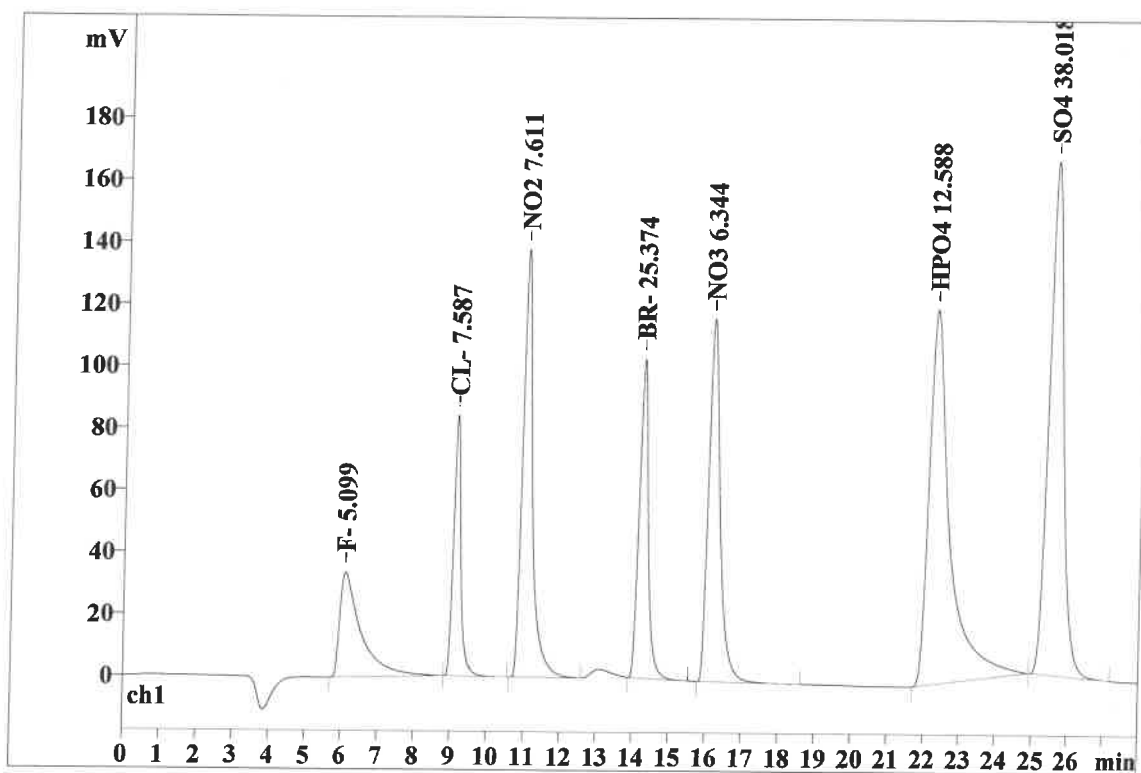
Ident: STD7
Analysis from: 1/19/2023 2:04:11 PM
File: _2023-01-19_

Last save: 1/19/2023 2:36:27 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33051

Last save: 1/19/2023 2:01:

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	6.08	0.530	33.78	4.43	1366.005	7.03
2	9.11	0.207	84.31	11.05	1209.022	6.22
3	10.98	0.277	138.16	18.11	2731.577	14.06
4	14.22	0.259	102.91	13.49	1815.329	9.34
5	16.12	0.325	117.04	15.34	2600.803	13.39
6	22.26	0.526	120.80	15.84	4912.956	25.29
7	25.54	0.435	165.82	21.74	4790.440	24.66
7	28.00	0.366	762.82	100.00	19426.131	100.00

This report has been created by IC Net
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Report date: 1/19/2023 4:20:12 PM
Printed by: wet

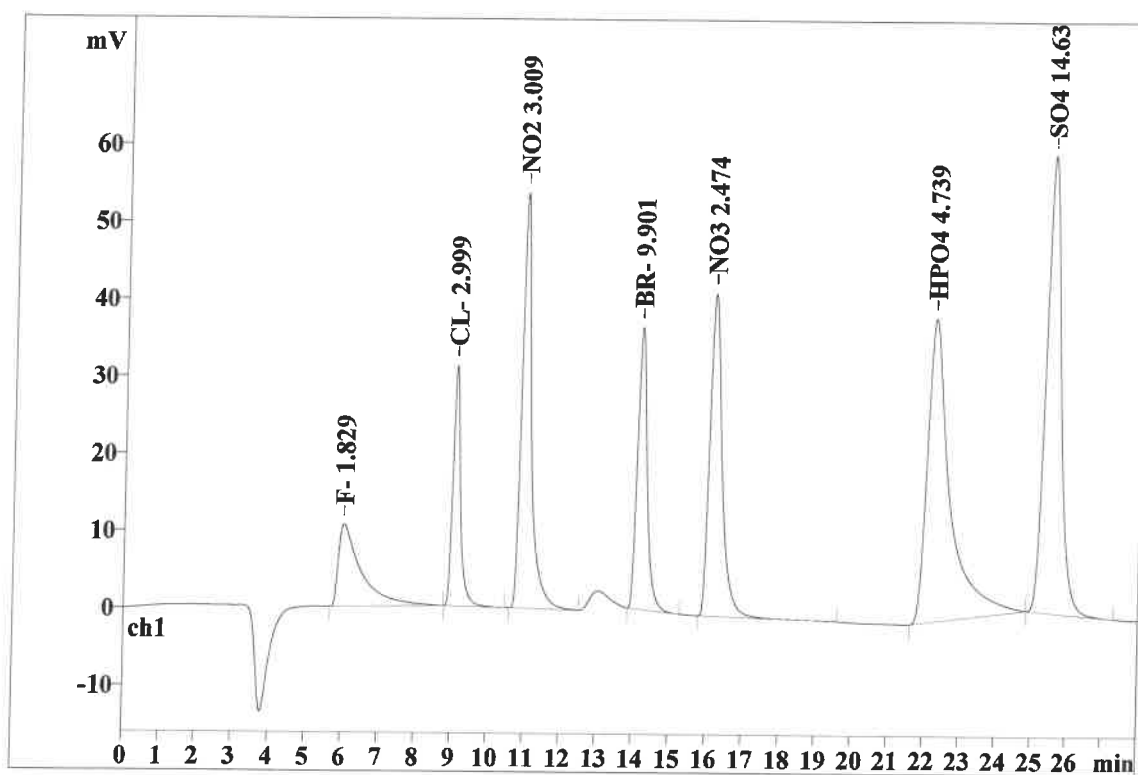
Ident: ICV
Analysis from: 1/19/2023 3:07:25 PM
File: _2023-01-19_

Last save: 1/19/2023 3:35:25 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33053

Last save: 1/19/2023 2:32:

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	6.02	0.556	10.63	3.91	456.108	6.43
2	9.06	0.211	31.17	11.45	461.385	6.50
3	10.94	0.262	53.72	19.74	1021.822	14.40
4	14.16	0.273	36.51	13.41	674.090	9.50
5	16.14	0.341	41.74	15.34	971.854	13.70
6	22.23	0.572	39.19	14.40	1739.894	24.53
7	25.49	0.449	59.20	21.75	1768.900	24.93
7	28.00	0.380	272.17	100.00	7094.053	100.00

This report has been created by IC Net
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Report date: 1/19/2023 4:20:20 PM
Printed by: wet

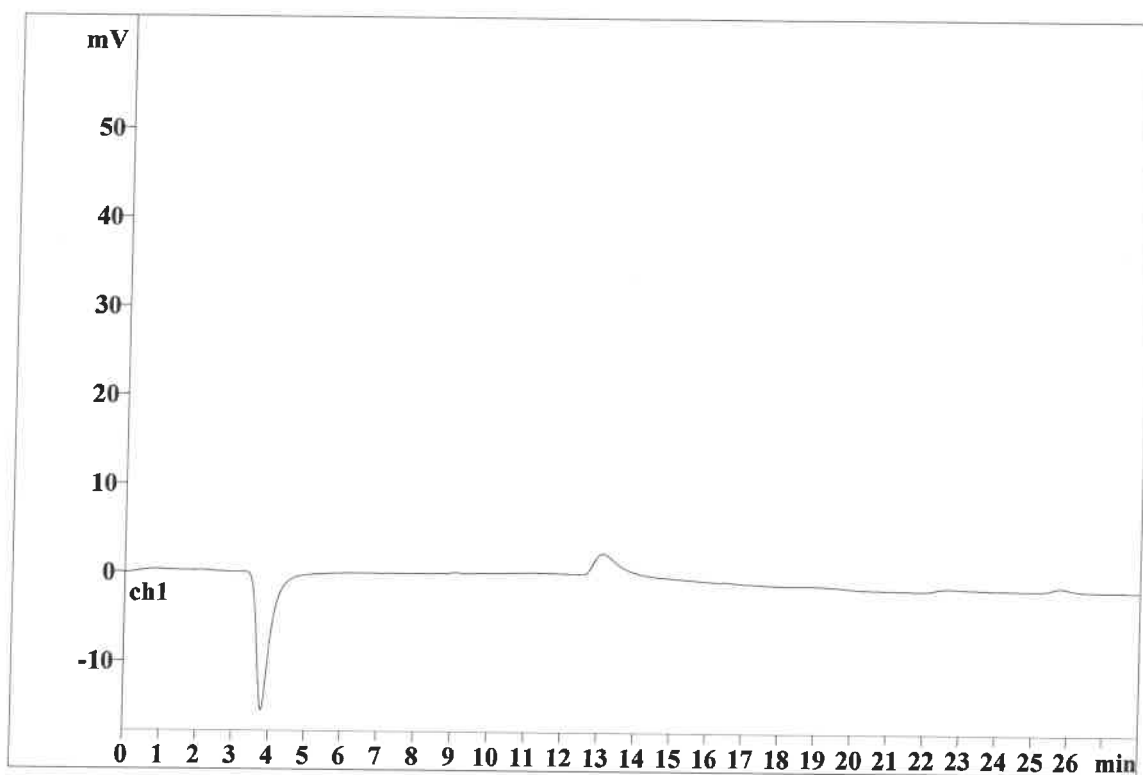
Ident: ICB
Analysis from: 1/19/2023 3:38:45 PM
File: _2023-01-19_

Last save: 1/19/2023 4:06:45 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33054

Last save: 1/19/2023 2:32:

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: 2/13/2023 12:02:15 PM
Printed by: wet

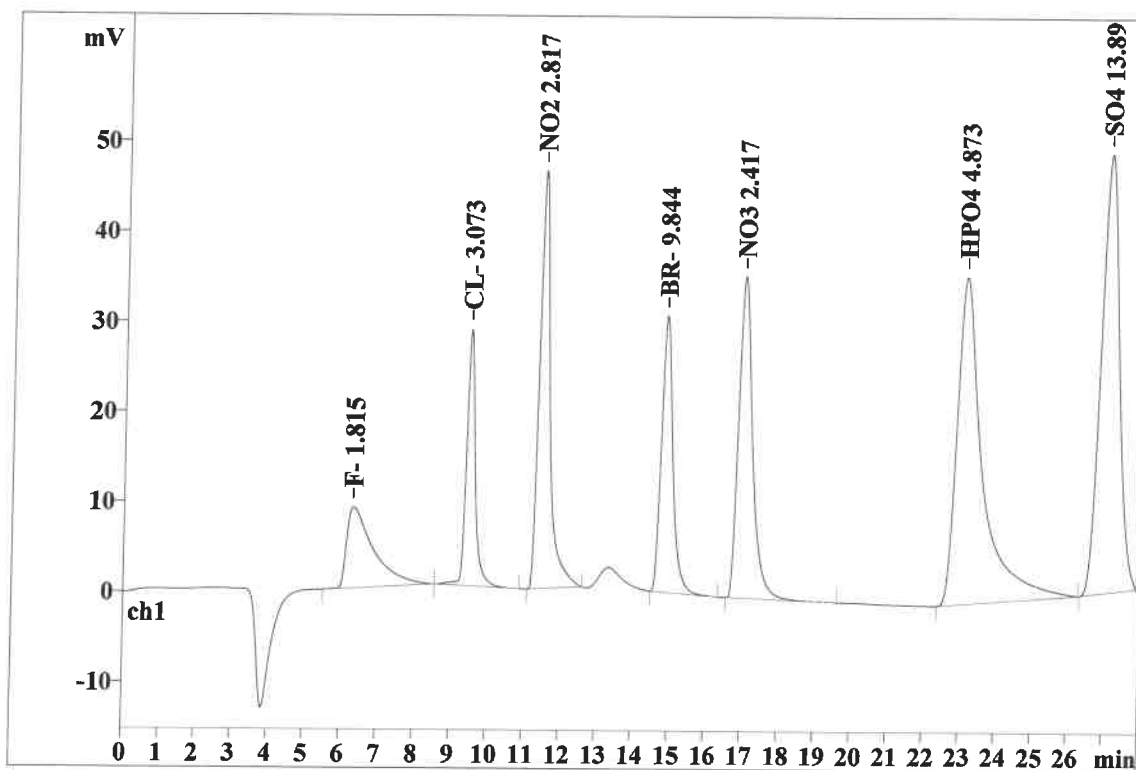
Ident: CCV
Analysis from: 2/10/2023 10:03:51 AM
File: _2023-02-10_

Last save: 2/10/2023 10:32:18 AM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33258

Last save: 2/1/2023 10:37:

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	6.32	0.710	8.97	3.82	452.238	6.50
2	9.48	0.234	28.45	12.11	473.427	6.80
3	11.45	0.287	46.33	19.72	950.640	13.65
4	14.86	0.325	30.66	13.05	669.938	9.62
5	16.98	0.392	35.67	15.18	948.142	13.62
6	23.09	0.635	36.27	15.43	1794.299	25.77
7	27.05	0.533	48.63	20.70	1673.458	24.04
7	28.00	0.445	234.97	100.00	6962.142	100.00

This report has been created by IC Net
METROHM LTD

Report date: 2/13/2023 12:02:23 PM
Printed by: wet

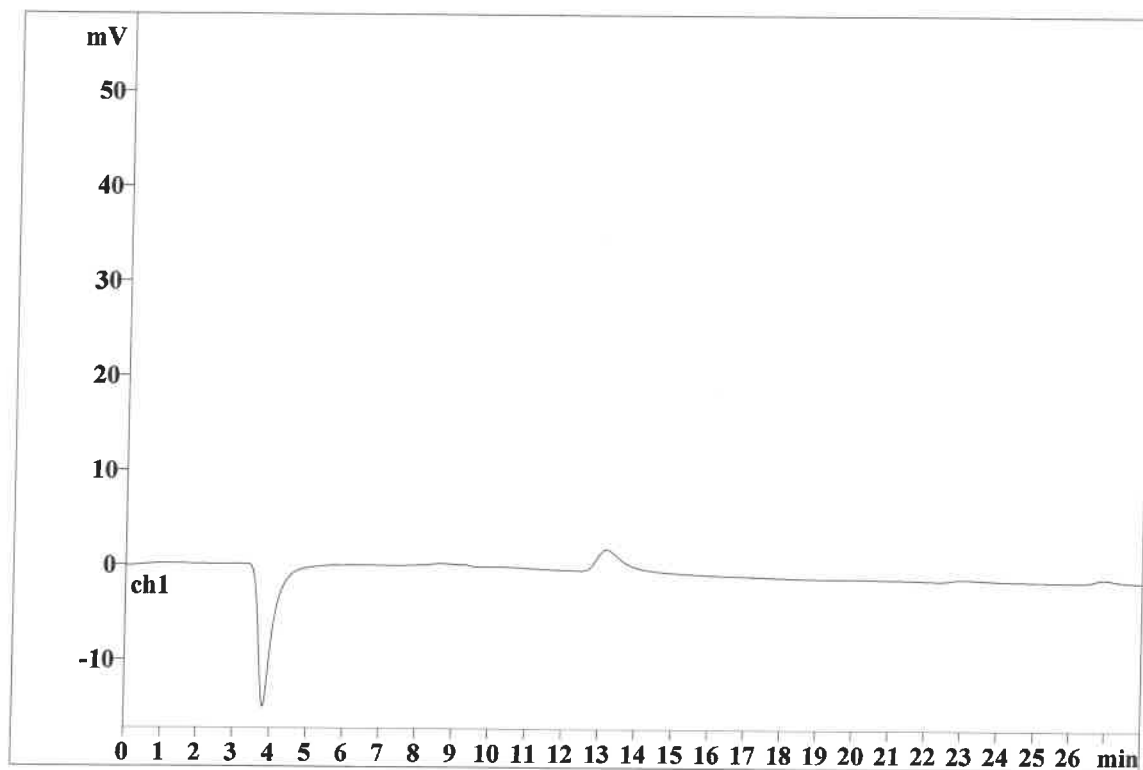
Ident: CCB
Analysis from: 2/10/2023 10:35:01 AM
File: _2023-02-10_

Last save: 2/10/2023 11:03:01 AM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33259

Last save: 2/1/2023 10:37:

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: 2/13/2023 12:02:33 PM
Printed by: wet

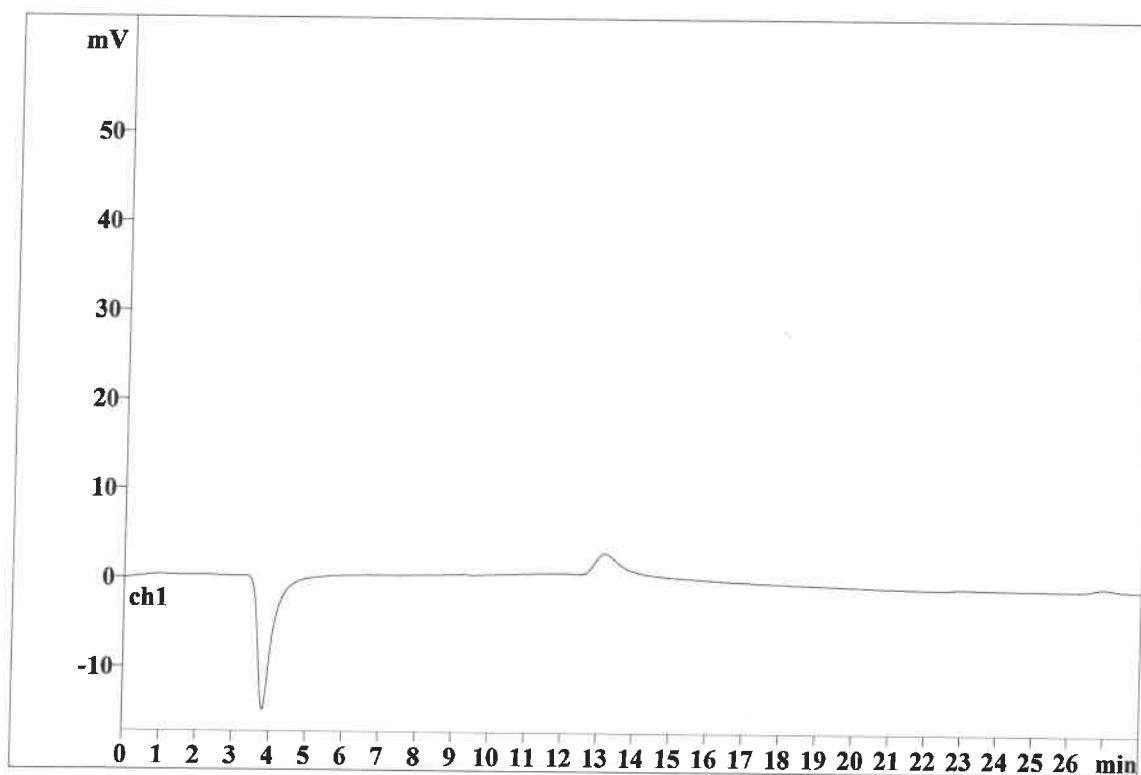
Ident: LB124053BLW
Analysis from: 2/10/2023 11:05:39 AM
File: _2023-02-10_

Last save: 2/13/2023 12:02:06 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33260

Last save: 2/1/2023 10:37:

SAMPLE:
: IZ/MA
Vial number: 13
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: 2/13/2023 12:02:39 PM
Printed by: wet

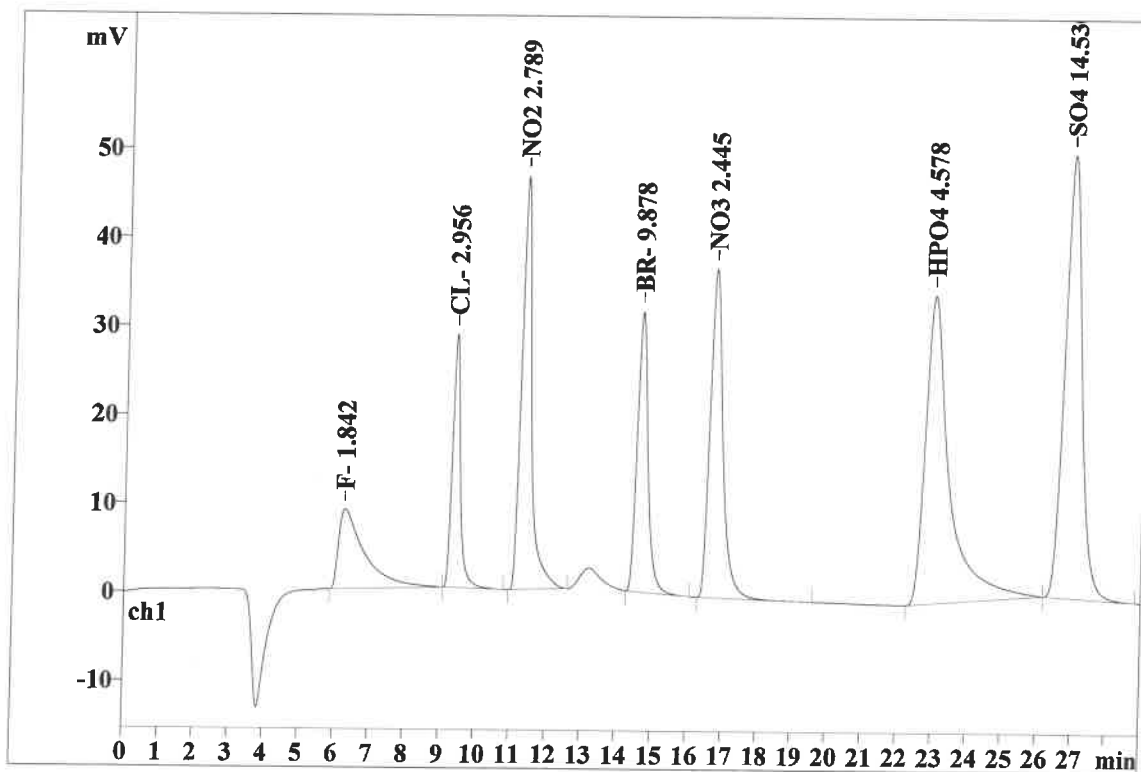
Ident: LB124053BSW
Analysis from: 2/10/2023 11:36:17 AM
File: _2023-02-10_

Last save: 2/13/2023 12:02:06 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33261

Last save: 2/1/2023 10:37:

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	6.27	0.689	8.98	3.79	459.763	6.65
2	9.38	0.228	28.60	12.05	454.380	6.57
3	11.30	0.282	46.52	19.60	940.250	13.59
4	14.63	0.317	31.58	13.31	672.459	9.72
5	16.69	0.382	37.04	15.61	959.863	13.88
6	22.96	0.621	34.70	14.62	1675.035	24.21
7	26.90	0.533	49.90	21.03	1755.942	25.38
7	29.00	0.436	237.32	100.00	6917.692	100.00

This report has been created by IC Net
METROHM LTD

Report date: 2/13/2023 12:03:02 PM
Printed by: wet

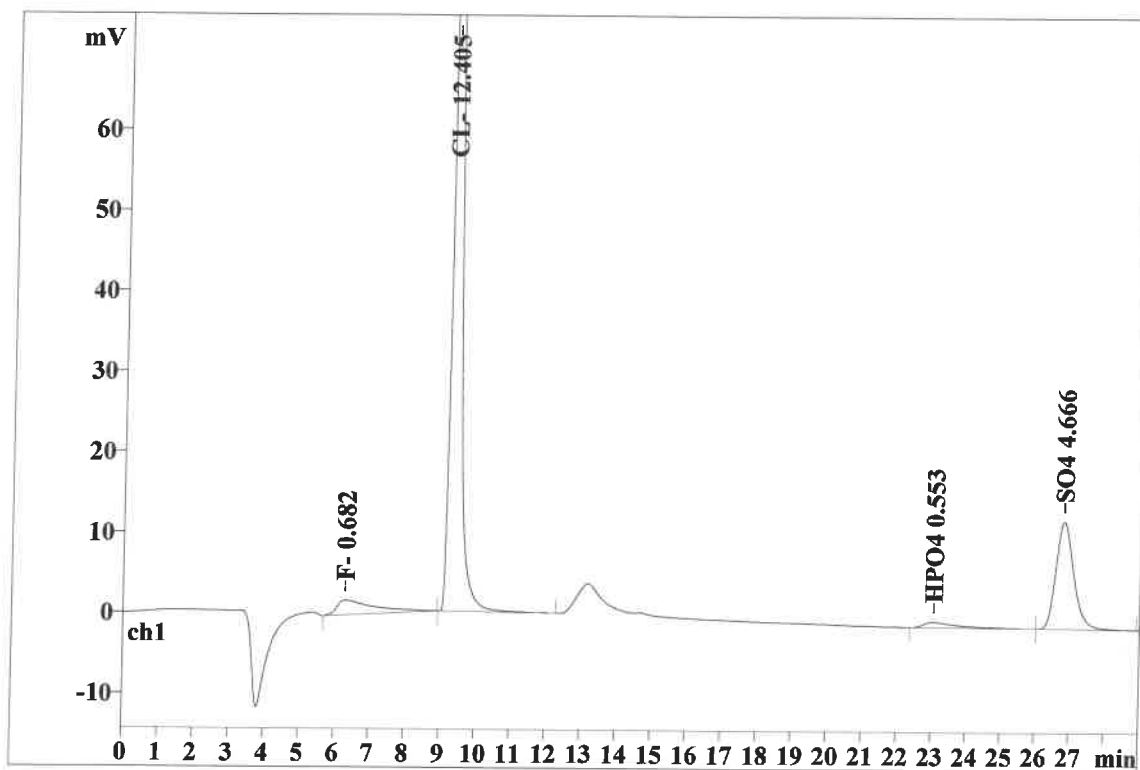
Ident: O1516-02
Analysis from: 2/10/2023 12:07:57 PM
File: _2023-02-10_

Last save: 2/10/2023 1:07:32 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33262

Last save: 2/10/2023 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	6.31	1.016	1.84	1.29	137.012	5.15
2	9.31	0.223	126.61	88.88	1994.134	74.95
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	23.05	0.921	0.69	0.48	47.966	1.80
7	26.81	0.546	13.30	9.34	481.593	18.10
7	29.00	0.387	142.44	100.00	2660.706	100.00

This report has been created by IC Net
METROHM LTD

Report date: 2/13/2023 12:07:26 PM
Printed by: wet

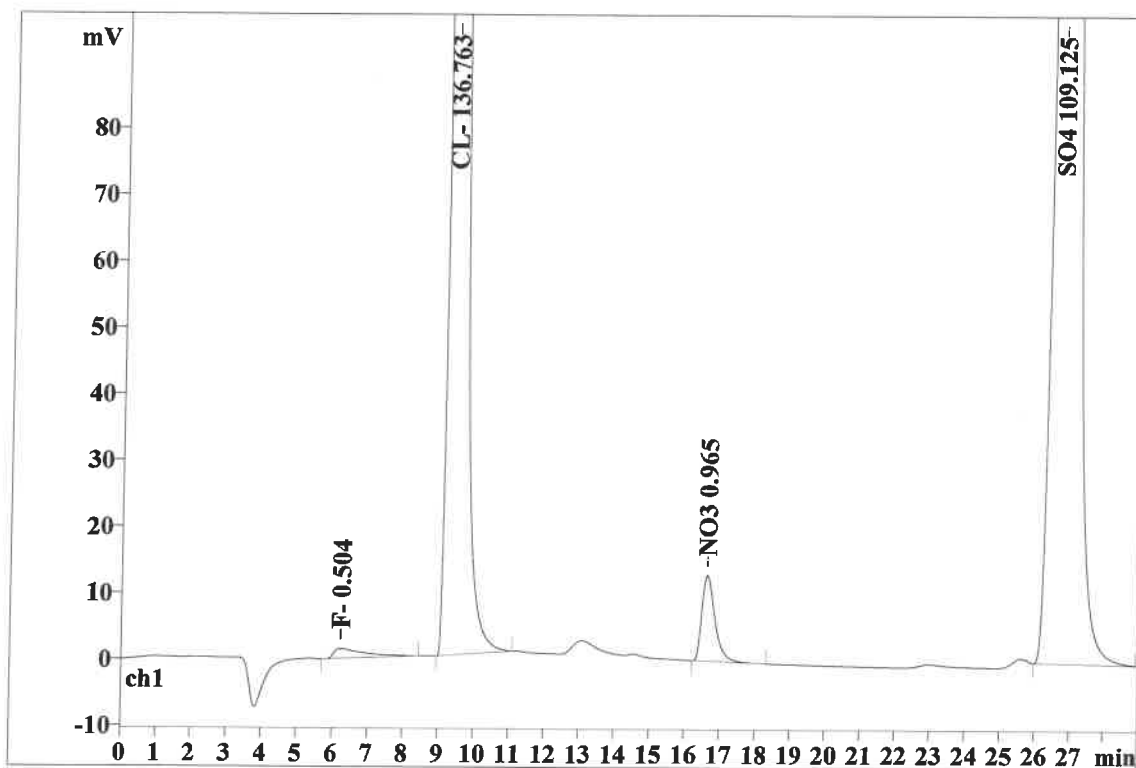
Ident: 01516-03
Analysis from: 2/10/2023 12:39:34 PM
File: _2023-02-10_

Last save: 2/13/2023 12:07:23 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33263

Last save: 2/10/2023 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	6.23	0.841	1.48	0.09	87.569	0.24
2	9.37	0.250	1318.96	75.99	22259.173	60.72
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	16.62	0.386	12.95	0.75	337.038	0.92
6	0.00	0.000	0.00	0.00	0.000	0.00
7	26.66	0.527	402.26	23.18	13976.927	38.13
7	29.00	0.286	1735.65	100.00	36660.708	100.00

This report has been created by IC Net
METROHM LTD

Report date: 2/13/2023 12:07:38 PM
Printed by: wet

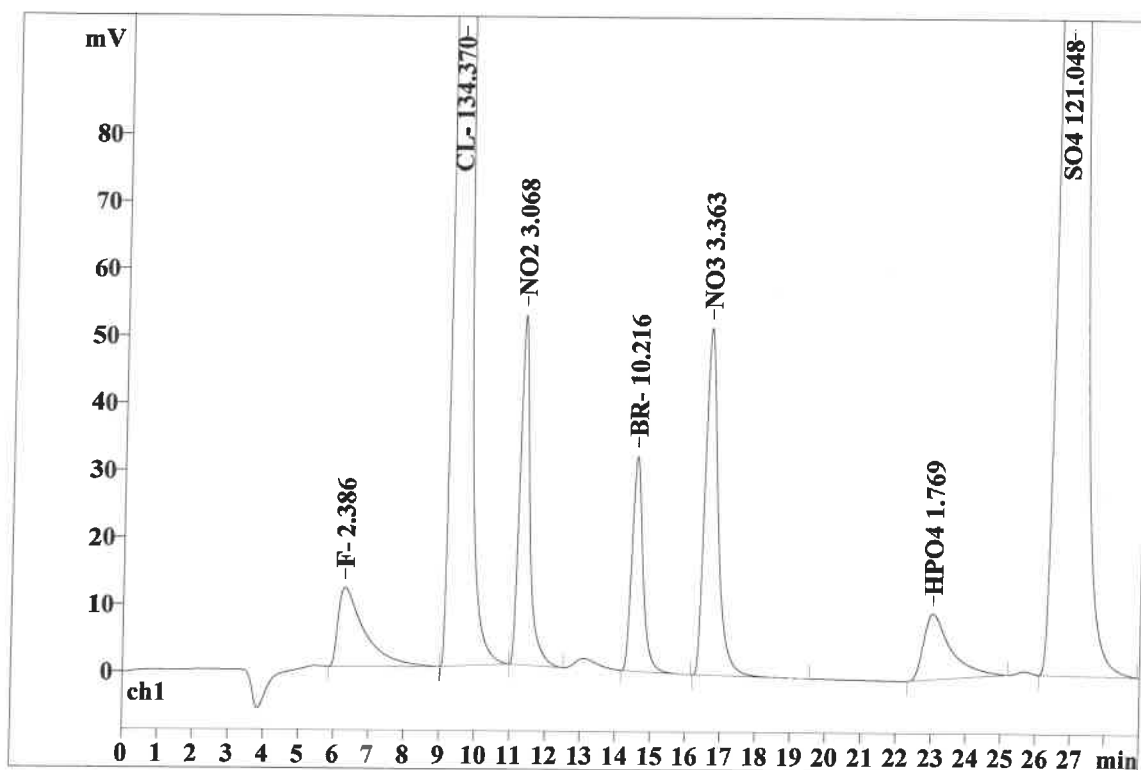
Ident: O1516-03MS
Analysis from: 2/10/2023 1:15:08 PM
File: _2023-02-10_

Last save: 2/13/2023 12:05:12 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33264

Last save: 2/10/2023 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	6.28	0.716	11.76	0.62	611.148	1.47
2	9.42	0.248	1304.45	68.54	21869.274	52.54
3	11.29	0.286	52.05	2.73	1043.881	2.51
4	14.53	0.323	32.00	1.68	697.345	1.68
5	16.60	0.382	51.66	2.71	1346.269	3.23
6	23.01	0.757	9.82	0.52	539.173	1.30
7	26.79	0.534	441.50	23.20	15517.267	37.28
7	29.00	0.464	1903.25	100.00	41624.358	100.00

This report has been created by IC Net
METROHM LTD

Report date: 2/13/2023 12:07:50 PM
Printed by: wet

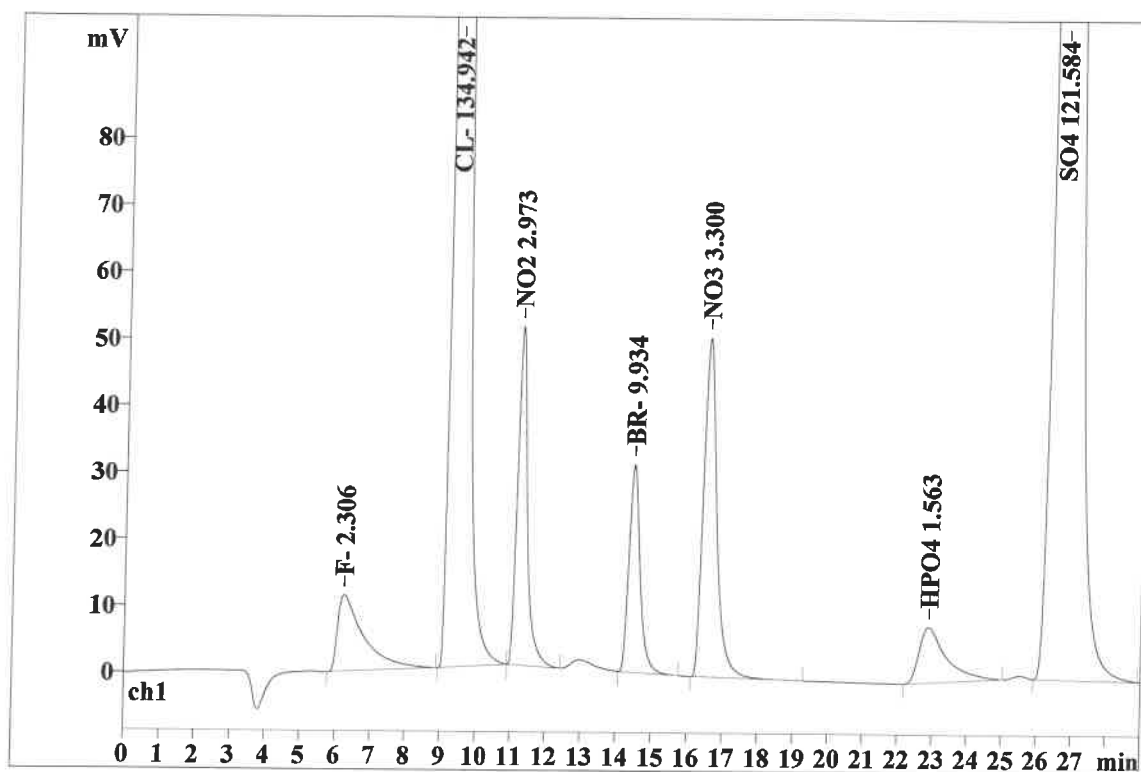
Ident: O1516-03MSD
Analysis from: 2/10/2023 1:46:46 PM
File: _2023-02-10_

Last save: 2/13/2023 12:04:57 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33265

Last save: 2/10/2023 11:57

SAMPLE:
: I2/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	6.22	0.698	11.41	0.60	588.791	1.42
2	9.37	0.248	1312.31	68.75	21962.519	52.80
3	11.22	0.285	50.74	2.66	1008.505	2.42
4	14.44	0.323	31.09	1.63	676.578	1.63
5	16.51	0.381	50.71	2.66	1319.847	3.17
6	22.87	0.753	8.34	0.44	455.914	1.10
7	26.63	0.532	444.32	23.28	15586.449	37.47
7	29.00	0.460	1908.91	100.00	41598.603	100.00

This report has been created by IC Net
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Report date: 2/13/2023 12:07:58 PM
Printed by: wet

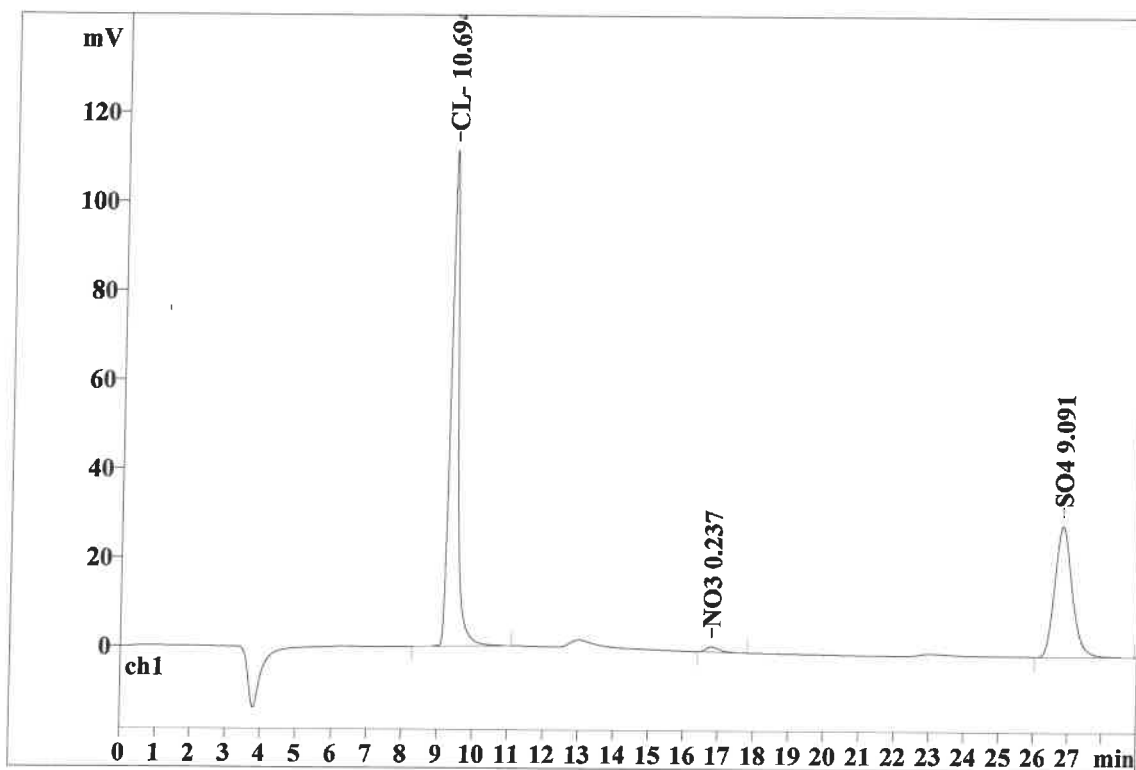
Ident: 01516-03DLX10
Analysis from: 2/10/2023 2:18:24 PM
File: _2023-02-10_

Last save: 2/10/2023 2:57:45 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33266

Last save: 2/10/2023 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	0.00	0.000	0.00	0.00	0.000	0.00
2	9.34	0.217	111.47	78.49	1715.320	61.28
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	16.80	0.397	1.15	0.81	30.384	1.09
6	0.00	0.000	0.00	0.00	0.000	0.00
7	26.80	0.540	29.40	20.70	1053.267	37.63
7	29.00	0.165	142.01	100.00	2798.971	100.00

This report has been created by IC Net
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Report date: 2/13/2023 12:08:07 PM
Printed by: wet

Ident: 01516-03DL2X50
Analysis from: 2/10/2023 2:50:02 PM
File: _2023-02-10_

Last save: 2/13/2023 12:06:08 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33267

Last save: 2/10/2023 11:57

SAMPLE:
: IZ/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	0.00	0.000	0.00	0.00	0.000	0.00
2	9.41	0.230	18.68	76.81	301.434	59.01
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	26.96	0.560	5.64	23.18	209.406	40.99
7	29.00	0.113	24.31	99.99	510.839	100.00

This report has been created by IC Net
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Report date: 2/13/2023 12:08:14 PM
Printed by: wet

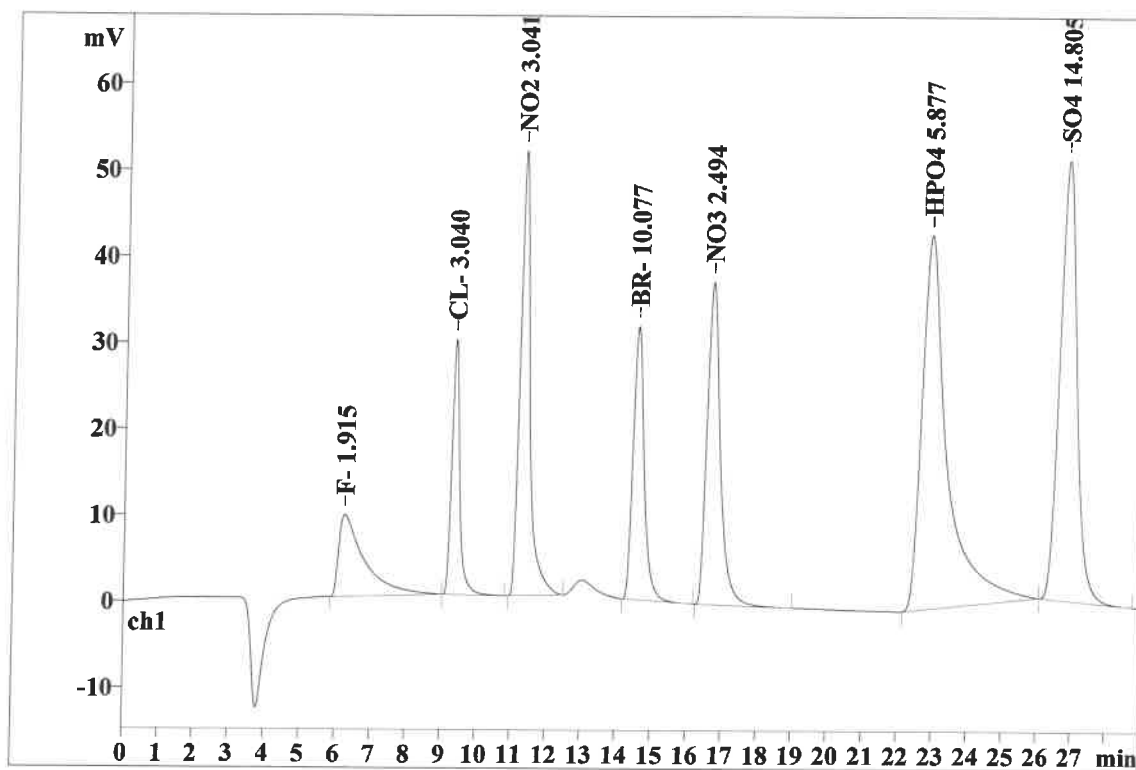
Ident: CCV
Analysis from: 2/10/2023 3:21:45 PM
File: _2023-02-10_

Last save: 2/10/2023 4:22:44 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33268

Last save: 2/10/2023 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	6.22	0.673	9.49	3.74	480.001	6.28
2	9.34	0.226	29.58	11.65	468.035	6.13
3	11.26	0.282	51.54	20.29	1033.810	13.53
4	14.54	0.322	31.68	12.48	687.123	8.99
5	16.63	0.385	37.38	14.72	980.335	12.83
6	22.84	0.648	43.31	17.05	2199.934	28.79
7	26.77	0.532	50.97	20.07	1791.537	23.45
7	29.00	0.438	253.94	100.00	7640.775	100.00

This report has been created by IC Net
METROHM LTD

Report date: 2/13/2023 12:08:21 PM
Printed by: wet

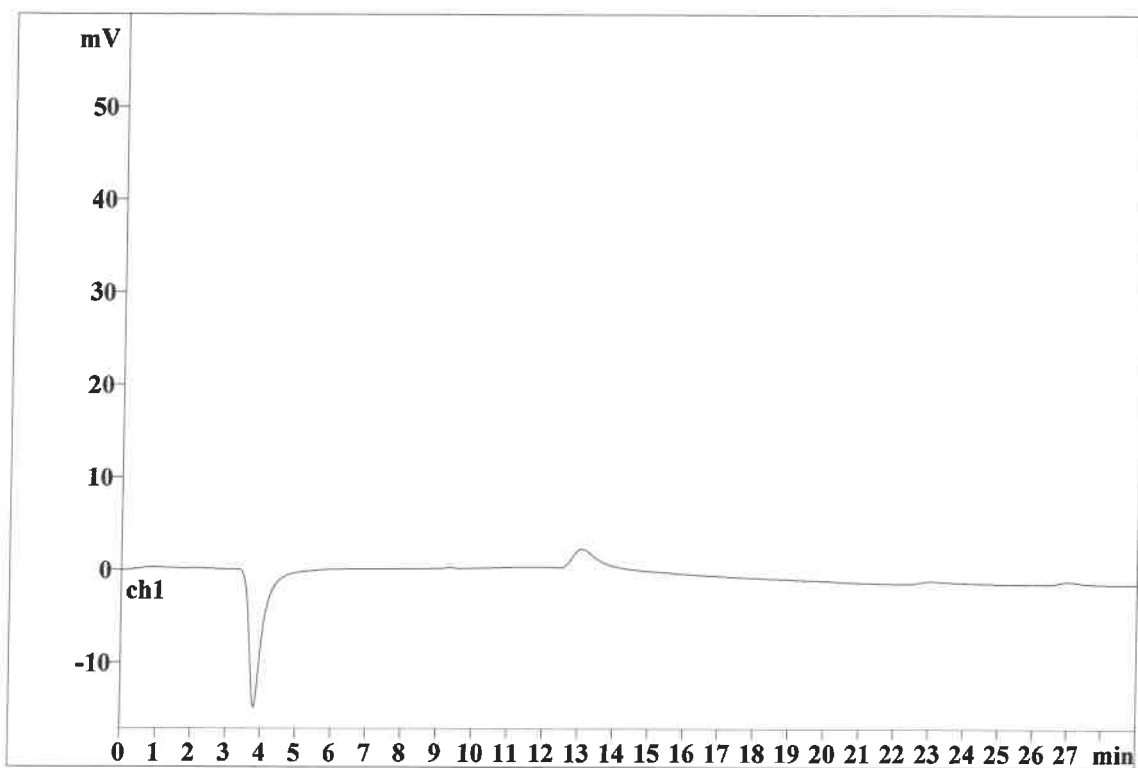
Ident: CCB
Analysis from: 2/10/2023 3:53:23 PM
File: _2023-02-10_

Last save: 2/10/2023 4:22:23 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33269

Last save: 2/10/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 12
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: 2/13/2023 3:25:14 PM
Printed by: wet

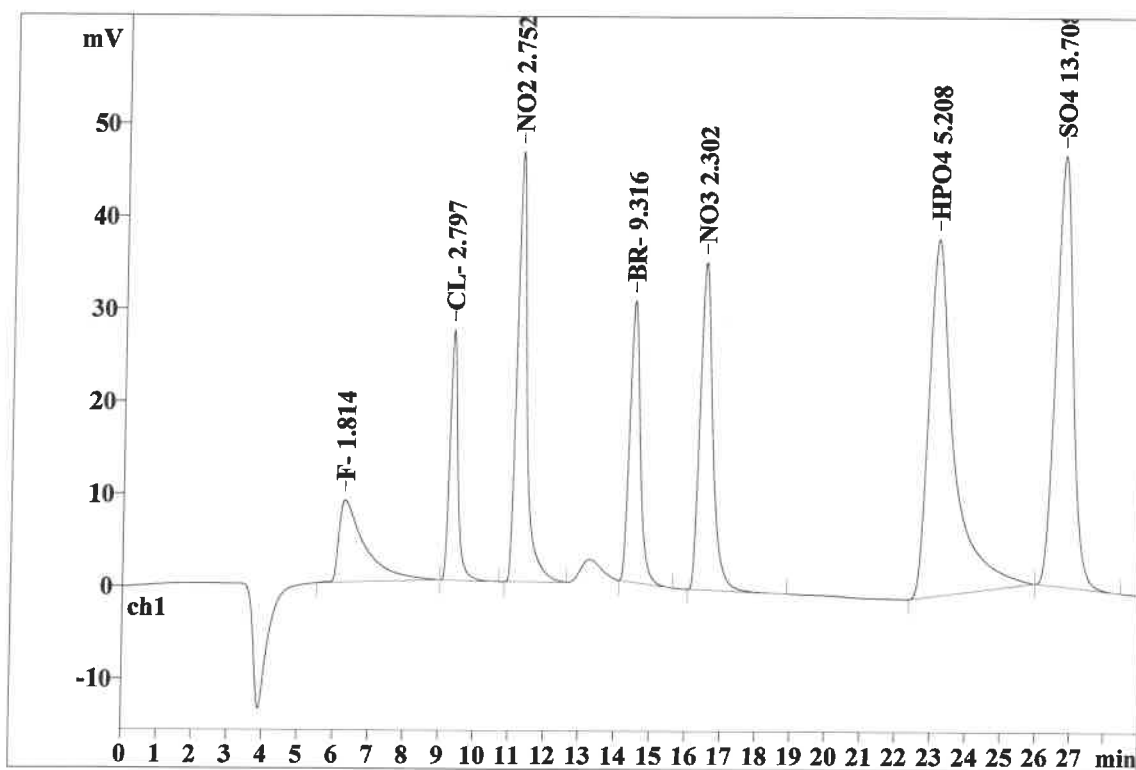
Ident: CCV
Analysis from: 2/13/2023 11:02:46 AM
File: _2023-02-13_

Last save: 2/13/2023 11:32:11 AM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33275

Last save: 2/10/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 16
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	6.27	0.678	8.87	3.80	451.987	6.53
2	9.33	0.229	27.07	11.60	428.375	6.19
3	11.22	0.279	46.51	19.93	926.285	13.39
4	14.45	0.311	30.42	13.04	630.960	9.12
5	16.44	0.376	35.37	15.16	899.823	13.01
6	23.08	0.653	38.55	16.52	1929.403	27.90
7	26.67	0.540	46.56	19.95	1649.695	23.85
7	29.00	0.438	233.36	100.00	6916.529	100.00

This report has been created by IC Net
METROHM LTD

Report date: 2/13/2023 3:25:25 PM
Printed by: wet

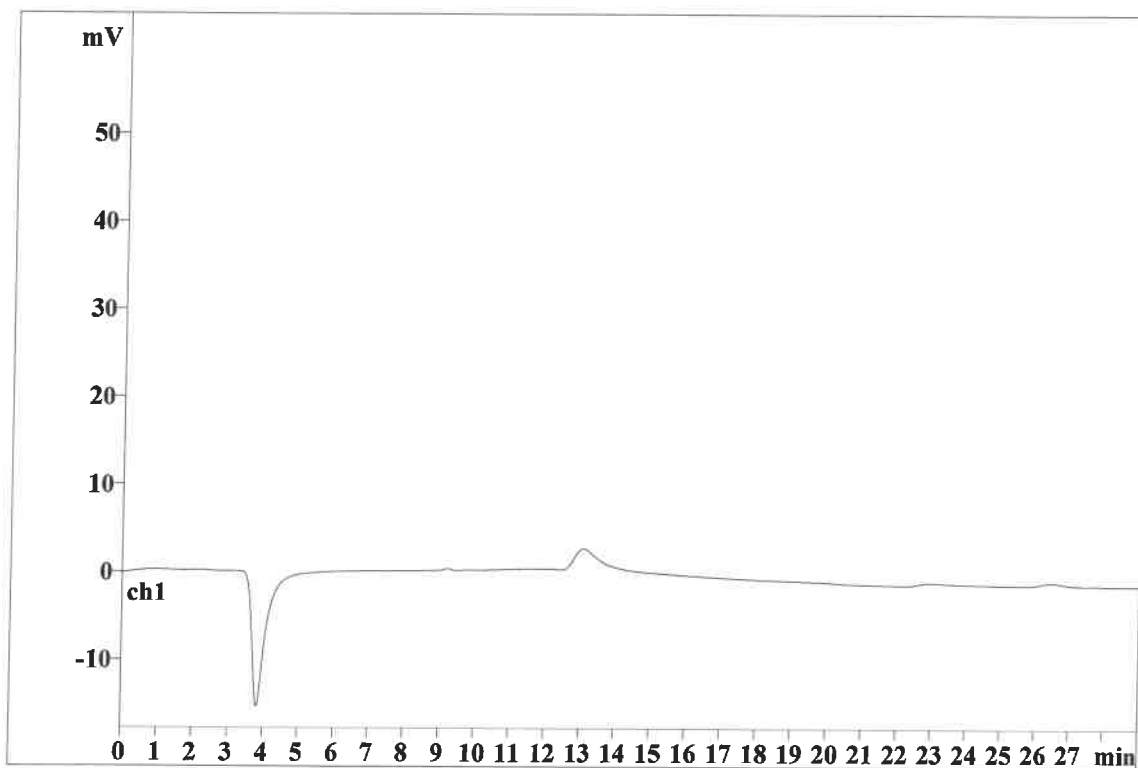
Ident: CCB
Analysis from: 2/13/2023 11:34:58 AM
File: _2023-02-13_

Last save: 2/13/2023 12:03:58 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33276

Last save: 2/10/2023 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: 2/13/2023 3:25:32 PM
Printed by: wet

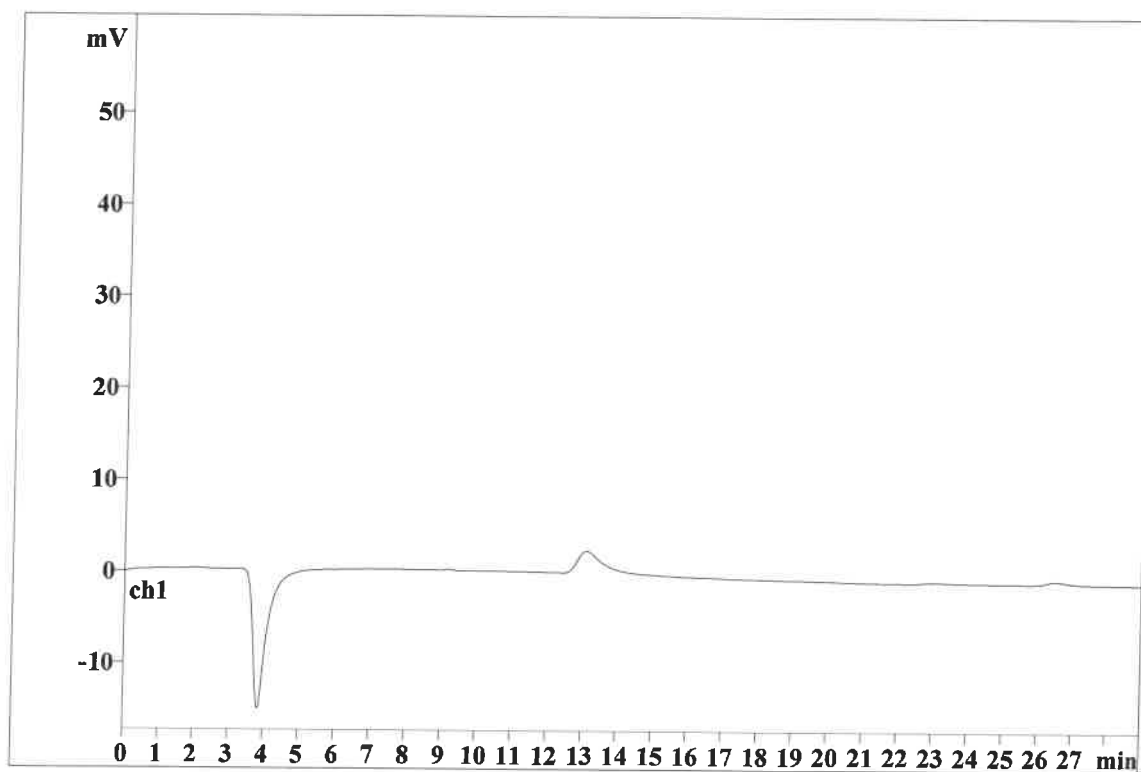
Ident: LB124053BLW₁
Analysis from: 2/13/2023 12:06:36 PM
File: _2023-02-13_

Last save: 2/13/2023 3:25:08 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33277

Last save: 2/10/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 13
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: 2/13/2023 3:25:39 PM
Printed by: wet

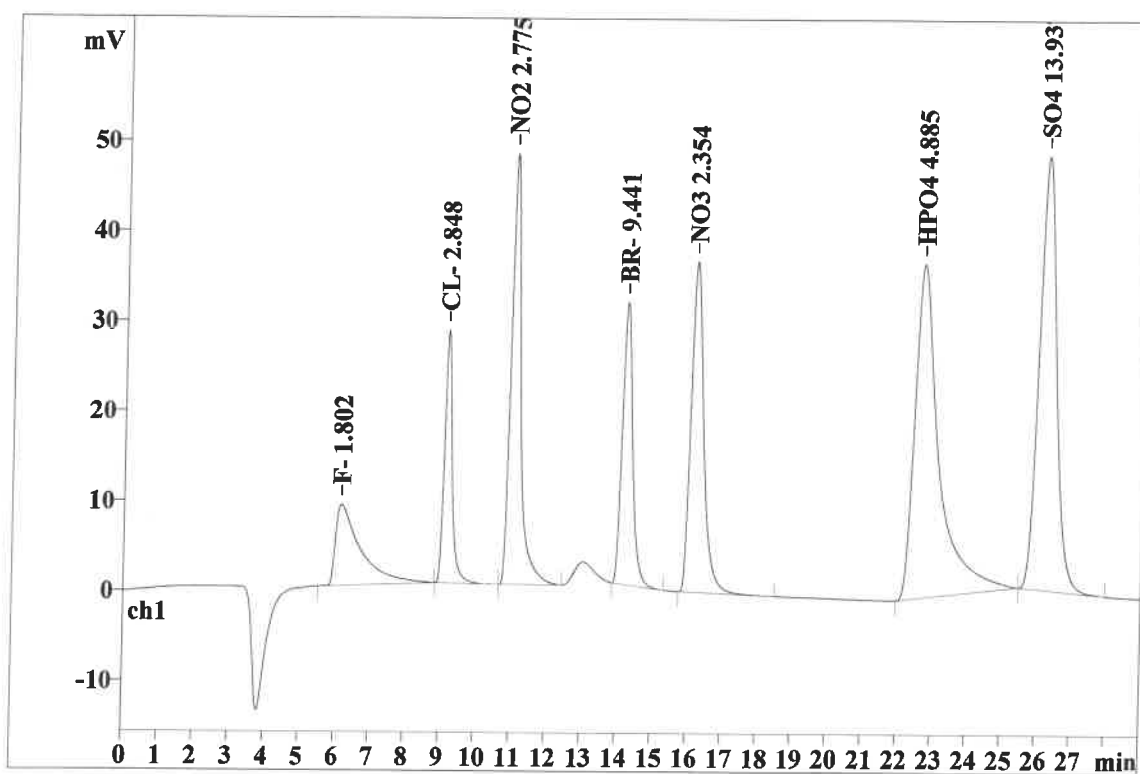
Ident: LB124053BLS2
Analysis from: 2/13/2023 12:38:13 PM
File: _2023-02-13_

Last save: 2/13/2023 3:25:08 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33278

Last save: 2/10/2023 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	6.16	0.663	8.99	3.77	448.607	6.54
2	9.16	0.225	28.08	11.78	436.718	6.37
3	11.02	0.274	47.84	20.07	934.743	13.63
4	14.21	0.306	31.38	13.17	640.220	9.33
5	16.17	0.371	36.74	15.42	921.469	13.43
6	22.67	0.635	37.09	15.57	1799.148	26.23
7	26.20	0.531	48.18	20.22	1679.319	24.48
7	29.00	0.429	238.31	100.00	6860.224	100.00

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Report date: 2/13/2023 3:25:46 PM
Printed by: wet

Ident: 01516-02DLX5
Analysis from: 2/13/2023 1:11:52 PM
File: _2023-02-13_

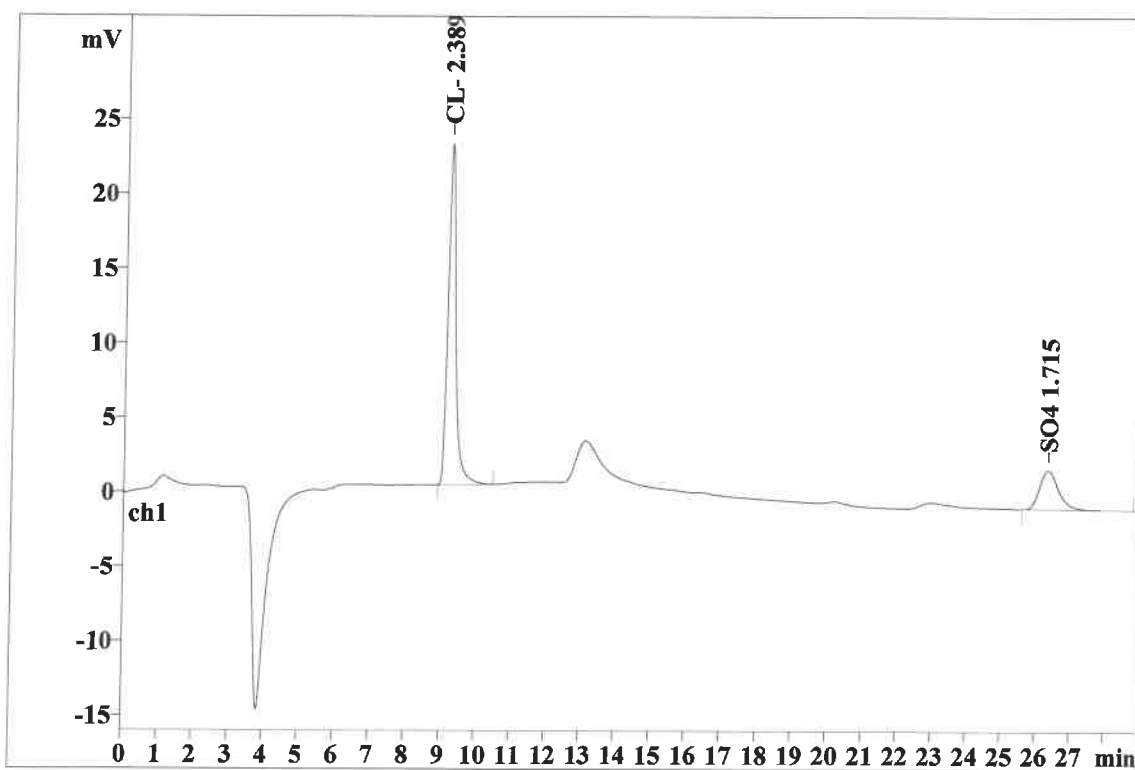
Last save: 2/13/2023 1:40:51 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33279

Last save: 2/10/2023 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	9.20	0.227	22.87	89.75	361.910	78.28
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	26.30	0.577	2.61	10.25	100.408	21.72
7	29.00	0.115	25.48	99.99	462.319	100.00

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Report date: 2/13/2023 3:26:06 PM
Printed by: wet

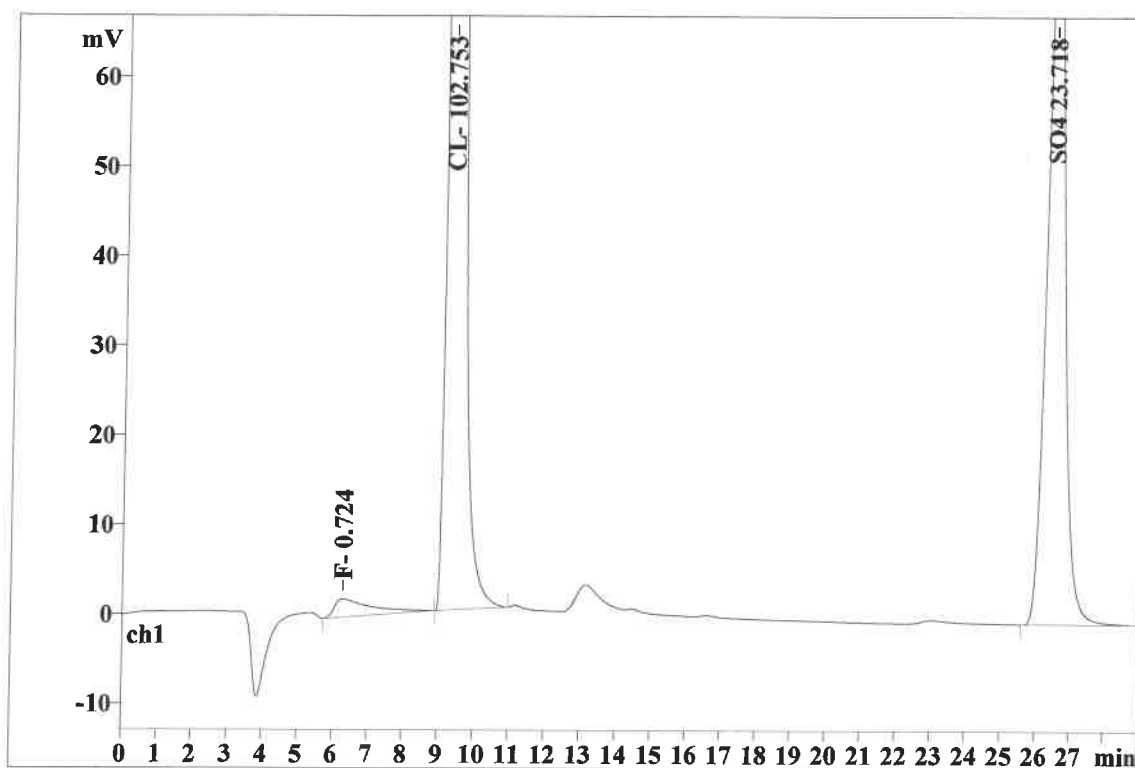
Ident: 01532-02
Analysis from: 2/13/2023 1:43:29 PM
File: _2023-02-13_

Last save: 2/13/2023 3:26:05 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33280

Last save: 2/10/2023 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	6.27	1.000	2.06	0.17	148.694	0.75
2	9.32	0.221	1108.44	92.82	16717.051	84.39
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	26.42	0.532	83.59	7.00	2943.017	14.86
7	29.00	0.250	1194.09	100.00	19808.762	100.00

This report has been created by IC Net
METROHM LTD

Report date: 2/13/2023 3:26:24 PM
Printed by: wet

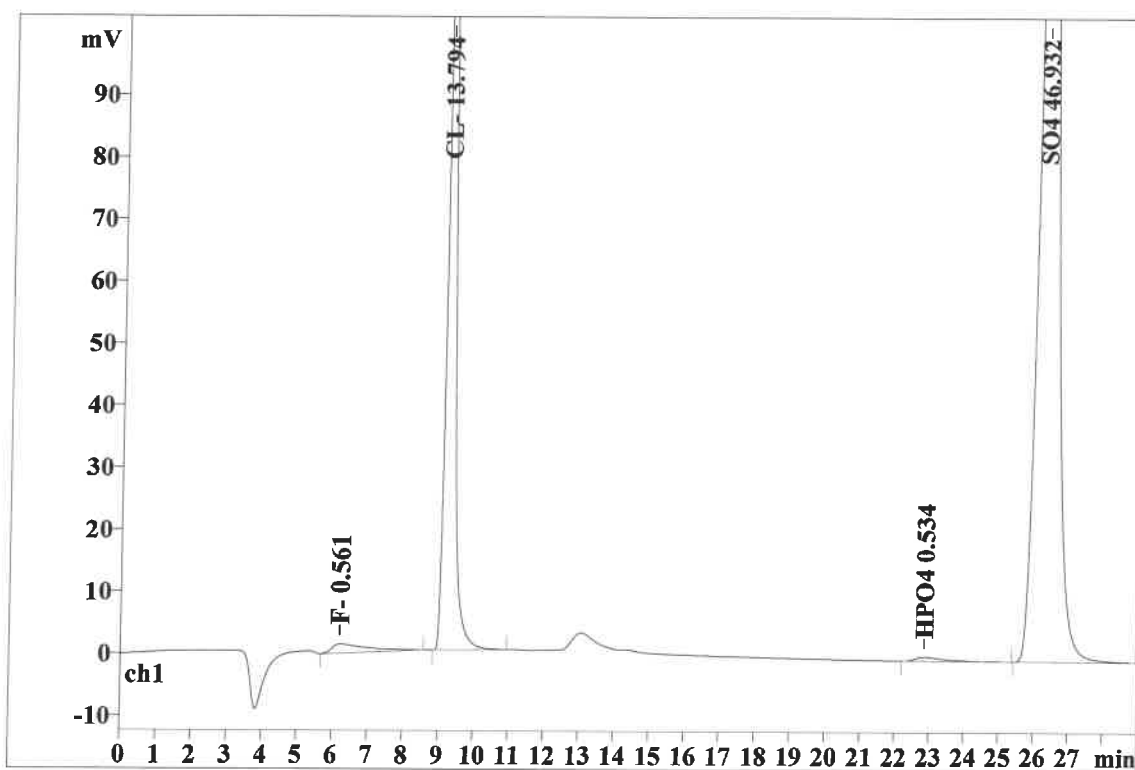
Ident: 01532-05
Analysis from: 2/13/2023 2:15:07 PM
File: _2023-02-13_

Last save: 2/13/2023 3:26:18 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33281

Last save: 2/10/2023 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	6.21	1.026	1.46	0.46	103.379	1.24
2	9.21	0.222	142.86	45.09	2220.486	26.73
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	22.86	0.827	0.66	0.21	40.169	0.48
7	26.23	0.522	171.82	54.23	5941.976	71.54
7	29.00	0.371	316.81	100.00	8306.009	100.00

This report has been created by IC Net
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Report date: 2/13/2023 3:26:34 PM
Printed by: wet

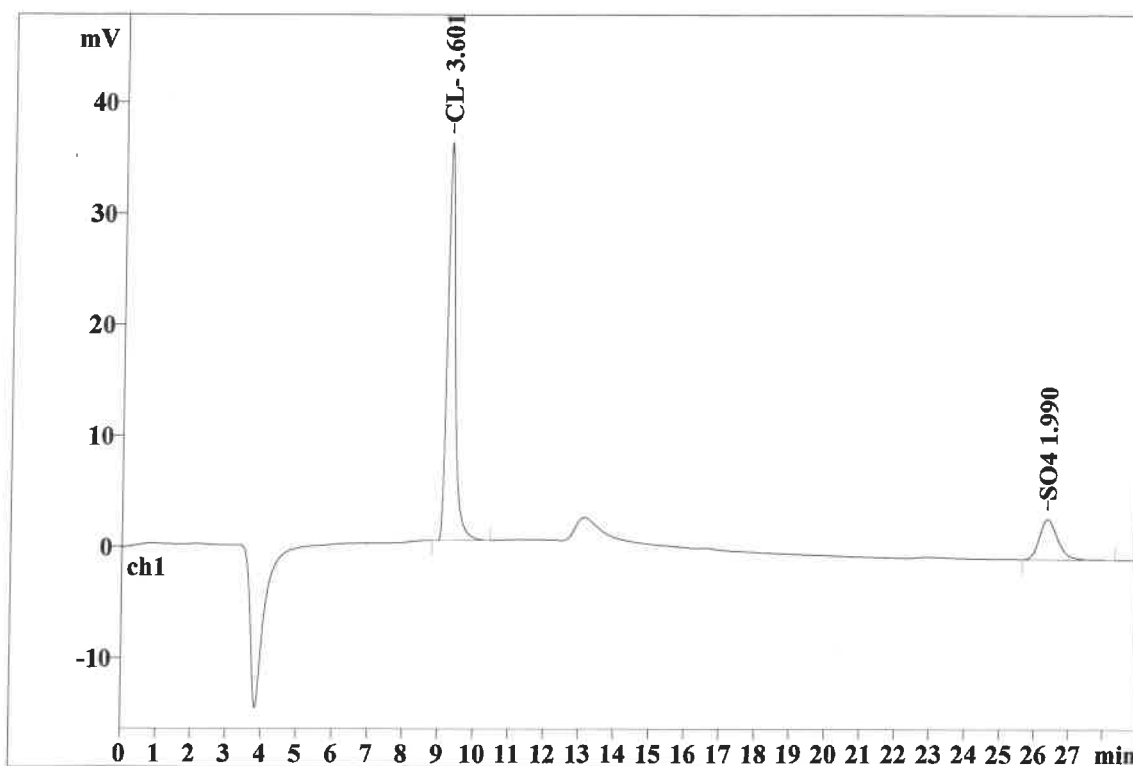
Ident: O1532-02DLX20
Analysis from: 2/13/2023 2:46:52 PM
File: _2023-02-13_

Last save: 2/13/2023 3:15:52 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33282

Last save: 2/10/2023 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	0.00	0.000	0.00	0.00	0.000	0.00
2	9.25	0.226	35.86	90.84	559.529	80.46
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	26.33	0.567	3.62	9.16	135.913	19.54
7	29.00	0.113	39.47	100.00	695.442	100.00

This report has been created by IC Net
METROHM LTD

Report date: 2/14/2023 10:52:50 AM
Printed by: wet

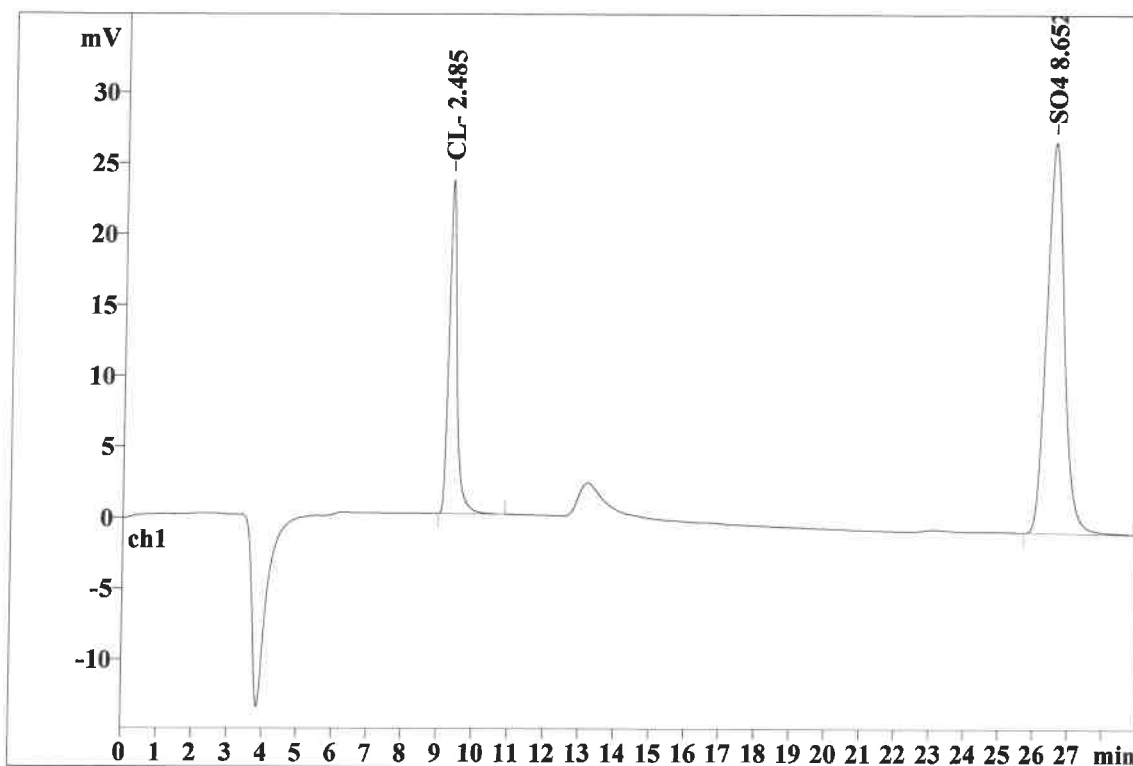
Ident: 01532-05DLX5
Analysis from: 2/13/2023 3:18:34 PM
File: _2023-02-13_

Last save: 2/13/2023 3:47:35 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33283

Last save: 2/10/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 18
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	0.231	23.55	46.09	377.631	27.48
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	26.49	0.547	27.54	53.91	996.588	72.52
7	29.00	0.111	51.09	100.00	1374.218	100.00

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This report has been created by IC Net
METROHM LTD

Report date: 2/14/2023 10:53:12 AM
Printed by: wet

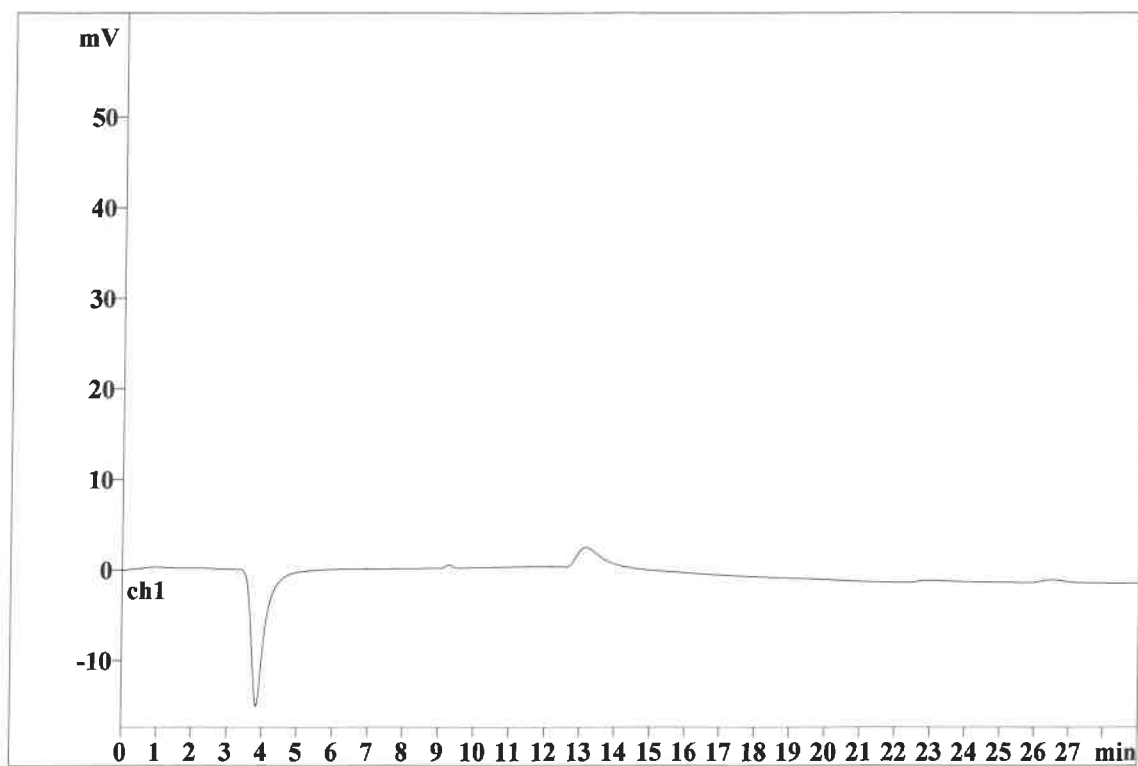
Ident: CCB
Analysis from: 2/13/2023 4:21:53 PM
File: _2023-02-13_

Last save: 2/13/2023 4:50:54 PM

Method: AnionsIC2-011923.mtw
Run operator: wet
Analysis number: 33285

Last save: 2/10/2023 11:57

SAMPLE:
: IZ/MA
Vial number: 12
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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WORKLIST(Hardcopy Internal Chain)

LB124053

WorkList Name : Anions-021023

WorkList ID : 167286

Department : Wet-Chemistry

Date : 02-10-2023 09:32:10

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/11/2023	Water	O1516-02	Anions Group1	Cool 4 deg C	JACO05	G11	MW-15B-35-45-020923	02/09/2023	9056A
02/11/2023	Water	O1516-03	Anions Group1	Cool 4 deg C	JACO05	G11	OWBR-01-160-180-020923	02/09/2023	9056A

Date/Time 02/10/23 11:30
Raw Sample Received by: 12/23 CP Sm
Raw Sample Relinquished by: CP Sm

Date/Time 02/10/23 12:15
Raw Sample Received by: CP Sm
Raw Sample Relinquished by: 12/23