

Clear table

IC-2 300
11-15-19 R

ident	concentra tion 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 Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-04_	11/4/19 10:25		CT/AP
STD2	0.2640	0.3500	0.3570	1.1420	0.3010	0.1910	1.7840	_2019-11-04_	11/4/19 10:55		CT/AP
STD3	0.4350	0.6360	0.6210	2.0370	0.5280	0.9500	3.0750	_2019-11-04_	11/4/19 11:25		CT/AP
STD4	0.7680	1.1360	1.1210	3.7710	0.9520	2.1800	5.5460	_2019-11-04_	11/4/19 11:55		CT/AP
STD5	1.9700	2.8860	2.8940	9.6170	2.4040	5.1580	14.2820	_2019-11-04_	11/4/19 14:07		CT/AP
STD6	3.8830	5.8490	5.8780	19.5040	4.8700	9.7850	29.2140	_2019-11-04_	11/4/19 14:37		CT/AP
STD7	5.0520	7.5940	7.5870	25.3140	6.3320	12.3590	38.0450	_2019-11-04_	11/4/19 15:07		CT/AP
ICV	1.9220	2.9610	2.9600	9.8740	2.4590	5.2770	14.6450	_2019-11-04_	11/4/19 16:52		CT/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-04_	11/4/19 17:22		CT/AP
CCV	1.9510	2.9280	2.9640	9.9170	2.4440	6.0210	14.4720	_2019-11-12_	11/12/19 13:55		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-12_	11/12/19 14:26		AK/AP
LB106229BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-12_	11/12/19 14:56		AK/AP
LB106229BSW	2.0380	2.8580	2.8650	9.6370	2.3850	7.0840	14.3100	_2019-11-12_	11/12/19 15:26		AK/AP
K5802-01	0.3200	12.5750	0.1720	0.0000	0.0000	0.0000	37.2390	_2019-11-12_	11/12/19 15:56		AK/AP
K5802-02	0.2580	31.8790	0.3510	0.0000	0.0000	0.0000	52.7290	_2019-11-12_	11/12/19 16:26		AK/AP
K5802-03	0.1700	106.4640	2.1920	0.0000	0.0000	0.0000	36.7660	_2019-11-12_	11/12/19 16:56		AK/AP
K5802-04	0.0900	106.3270	2.1800	0.3110	0.0000	0.0000	36.6500	_2019-11-12_	11/12/19 17:26		AK/AP
K5802-06	0.2330	19.8170	0.2290	0.0000	0.0000	0.0000	3.4100	_2019-11-12_	11/12/19 17:55		AK/AP
K5795-01	0.0000	0.1320	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-12_	11/12/19 18:25		AK/AP
K5795-01DUP	0.0000	0.1260	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-12_	11/12/19 18:55		AK/AP
CCV	2.0340	2.9370	2.9530	9.9810	2.4570	6.9480	14.4760	_2019-11-12_	11/12/19 19:25		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-12_	11/12/19 19:55		AK/AP
K5795-01MS	1.9160	3.0130	2.9190	9.7920	2.4080	7.1210	14.1610	_2019-11-12_	11/12/19 20:25		AK/AP
K5795-01MSD	1.9680	2.9010	2.7970	9.4340	2.3270	6.8530	13.6440	_2019-11-12_	11/12/19 20:55		AK/AP
CCV	2.0230	2.9140	2.9410	9.8540	2.4070	6.8300	14.2970	_2019-11-12_	11/12/19 21:25		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-12_	11/12/19 21:55		AK/AP
CCV	1.9960	2.9000	2.9350	9.8300	2.3960	6.2430	14.3250	_2019-11-13_	11/13/19 10:40		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-13_	11/13/19 11:12		AK/AP
LB106229BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-11-13_	11/13/19 11:42		AK/AP
LB106229BSW2	1.9510	2.8360	2.8480	9.5950	2.3670	6.4010	14.2890	_2019-11-13_	11/13/19 12:12		AK/AP
K5804-01	0.0000	120.1160	3.3330	0.0000	0.0000	0.0000	1.0380	_2019-11-13_	11/13/19 12:45		AK/AP
K5804-04	0.0000	130.4940	6.7200	0.0000	0.0000	0.0000	128.1080	_2019-11-13_	11/13/19 13:15		AK/AP
K5804-04DUP	0.0000	129.9180	6.8190	0.0000	0.0000	0.0000	127.8470	_2019-11-13_	11/13/19 13:45		AK/AP
K5804-04MS	2.0990	126.4410	5.8390	10.2890	8.4810	12.1530	132.6010	_2019-11-13_	11/13/19 14:15		AK/AP

K5804-04MSD	2.2930	126.8930	5.7340	10.4730	8.5870	12.2400	132.7630	2019-11-13_	11/13/19 14:45	AK/AP
K5802-01DLX2	0.0000	6.0460	0.1080	0.0000	0.0000	0.0000	17.9370	2019-11-13_	11/13/19 15:14	AK/AP
K5802-02DLX5	0.0000	5.4490	0.0970	0.0000	0.0000	0.0000	9.7570	2019-11-13_	11/13/19 15:44	AK/AP
K5804-04DLX2	0.0000	107.6770	3.0850	0.0000	3.0830	0.0000	60.0610	2019-11-13_	11/13/19 16:14	AK/AP
CCV	2.0540	2.9240	2.8950	9.9490	2.4000	7.9350	14.3140	2019-11-13_	11/13/19 16:44	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-11-13_	11/13/19 17:14	AK/AP
K5828-01	0.0000	132.7750	7.0130	0.5000	2.1500	0.0000	96.0190	2019-11-13_	11/13/19 17:44	AK/AP
K5828-02	0.3600	129.5740	5.8300	0.0000	5.2100	0.0000	107.8500	2019-11-13_	11/13/19 18:14	AK/AP
K5828-03	0.0000	131.7790	7.2560	0.5240	2.1290	0.0000	95.7250	2019-11-13_	11/13/19 18:44	AK/AP
K5802-03DLX50	0.0000	3.3810	0.0000	0.0000	0.0000	0.0000	1.0180	2019-11-13_	11/13/19 19:14	AK/AP
K5802-04DLX50	0.0000	3.3760	0.0000	0.0000	0.0000	0.0000	1.0020	2019-11-13_	11/13/19 19:44	AK/AP
K5802-06DLX5	0.0000	3.6100	0.0750	0.0000	0.0000	0.0000	0.9660	2019-11-13_	11/13/19 20:14	AK/AP
CCV	2.0440	2.8920	2.8830	9.8930	2.3820	7.4160	14.2810	2019-11-13_	11/13/19 20:44	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-11-13_	11/13/19 21:14	AK/AP

CALIBRATION OF COMPONENT F-

Method:

Equation:

RSD:

Correlation coefficient:

AnionsIC2-110419.mtw

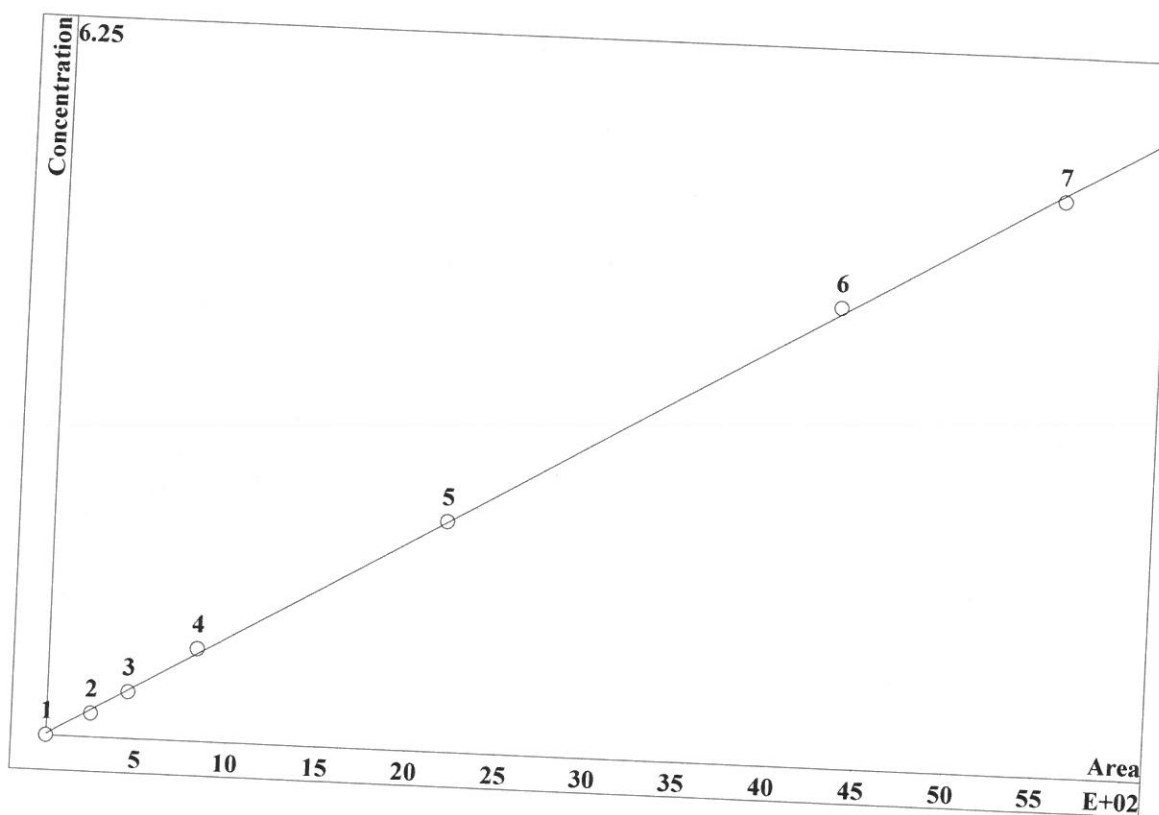
$Q = 0.0181361 \cdot A + 0.223971$

2.380 %

0.999761

IC-2 Cal

AP-11-04-2010



K3 = 0

K2 = 0

K1 = 0.0181361

K0 = 0.223971

Base:

Area

Ref.channel: ch1

ISTD:

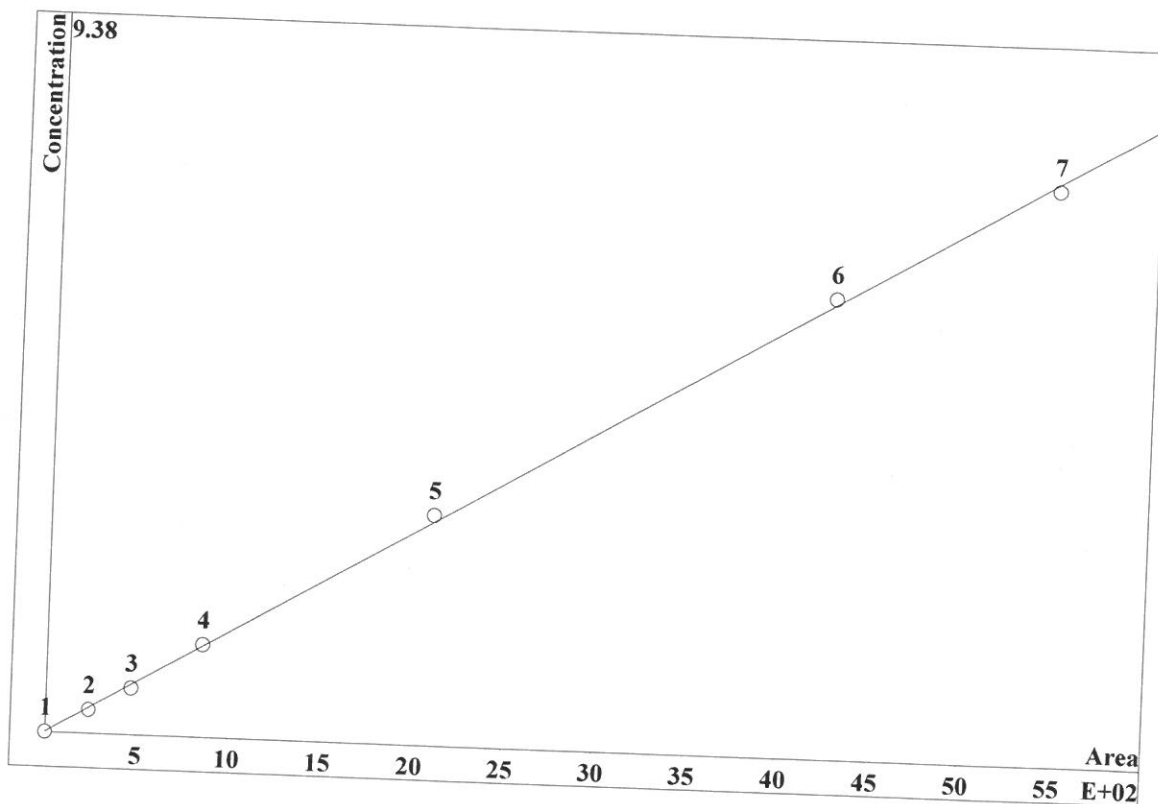
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	4.094	248.2	0.2	20	5.681		
3	7.589	450.1	0.4	20	5.681		
4	14.9	824.4	0.8	20	5.681		
5	40.51	2186	2	20	5.681		
6	80.93	4333	4	20	5.681		
7	108.2	5559	5	20	5.681		

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-110419.mtw
 Equation: $Q = 0.0277969 \cdot A + 0.0742022$
 RSD: 2.687 %
 Correlation coefficient: 0.999695

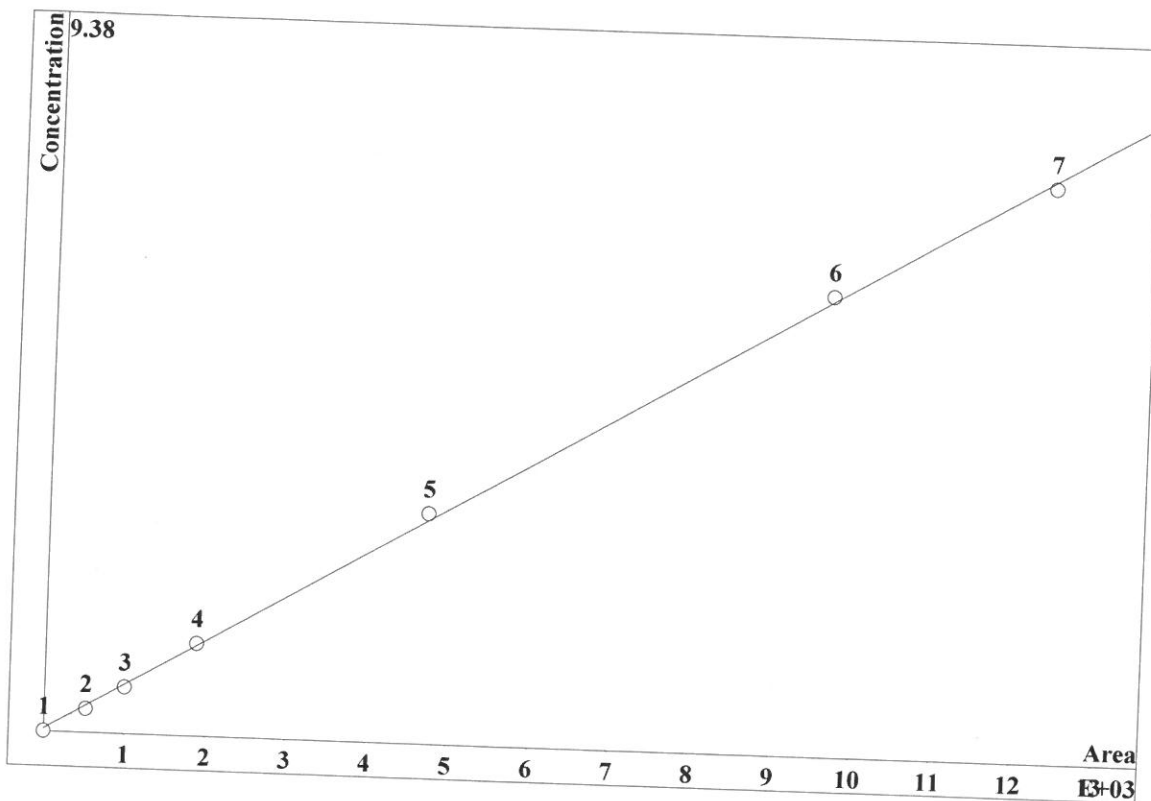


K3 = 0 K2 = 0 K1 = 0.0277969 K0 = 0.0742022
 Base: Area
 Ref.channel: chl
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0				
2	15.05	238.3	0.3		20		8.295
3	29.61	468.8	0.6		20		8.295
4	53.97	851.3	1.2		20		8.295
5	132.6	2092	3		20		8.295
6	275.1	4255	6		20		8.295
7	352.5	5461	7.5		20		8.295

CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-110419.mtw
 Equation: $Q = 0.0122278 \cdot A + 0.714012$
 RSD: 2.596 %
 Correlation coefficient: 0.999715

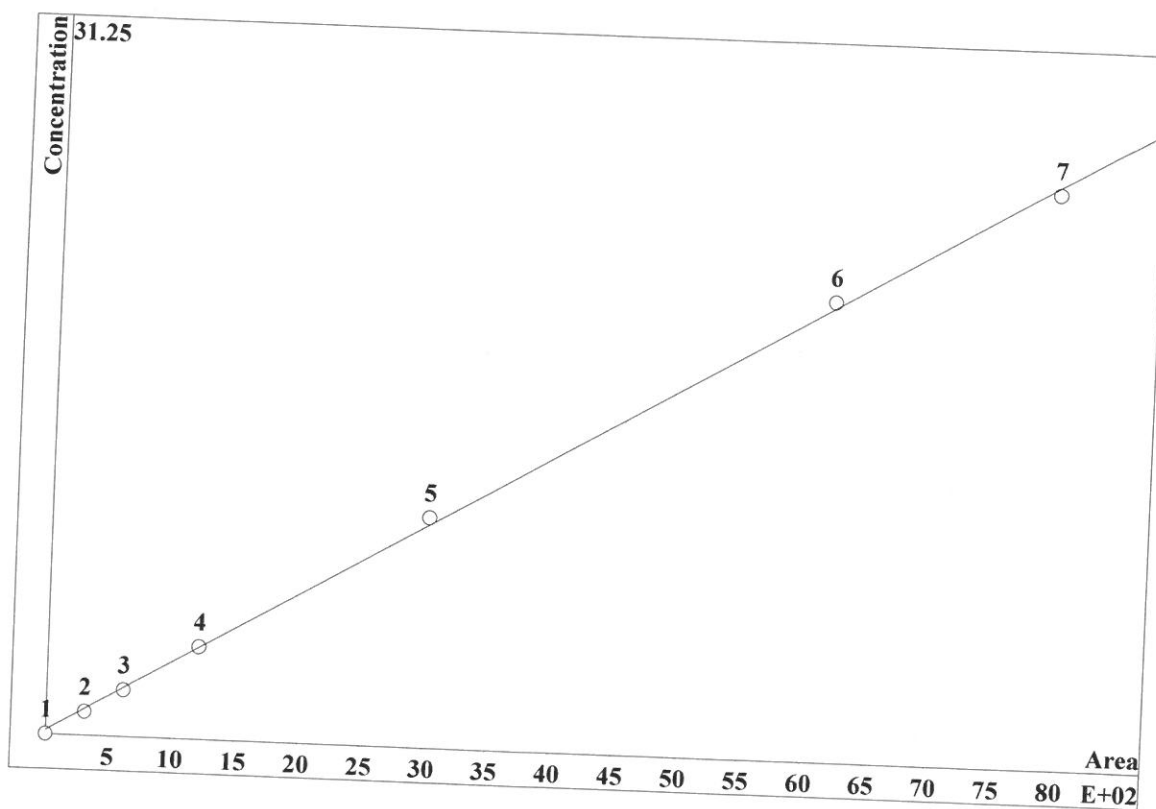


K3 = 0 K2 = 0 K1 = 0.0122278 K0 = 0.714012
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0			
2	26.53	519.7		0.3	20		0
3	50.41	993.2		0.6	20		9.954
4	93.76	1868		1.2	20		9.954
5	232.6	4699		3	20		9.954
6	468.4	9642		6	20		9.954
7	579.3	1.235e+04		7.5	20		9.954

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-110419.mtw
 Equation: $Q = 0.0635001 \cdot A + 3.5005$
 RSD: 2.692 %
 Correlation coefficient: 0.999694

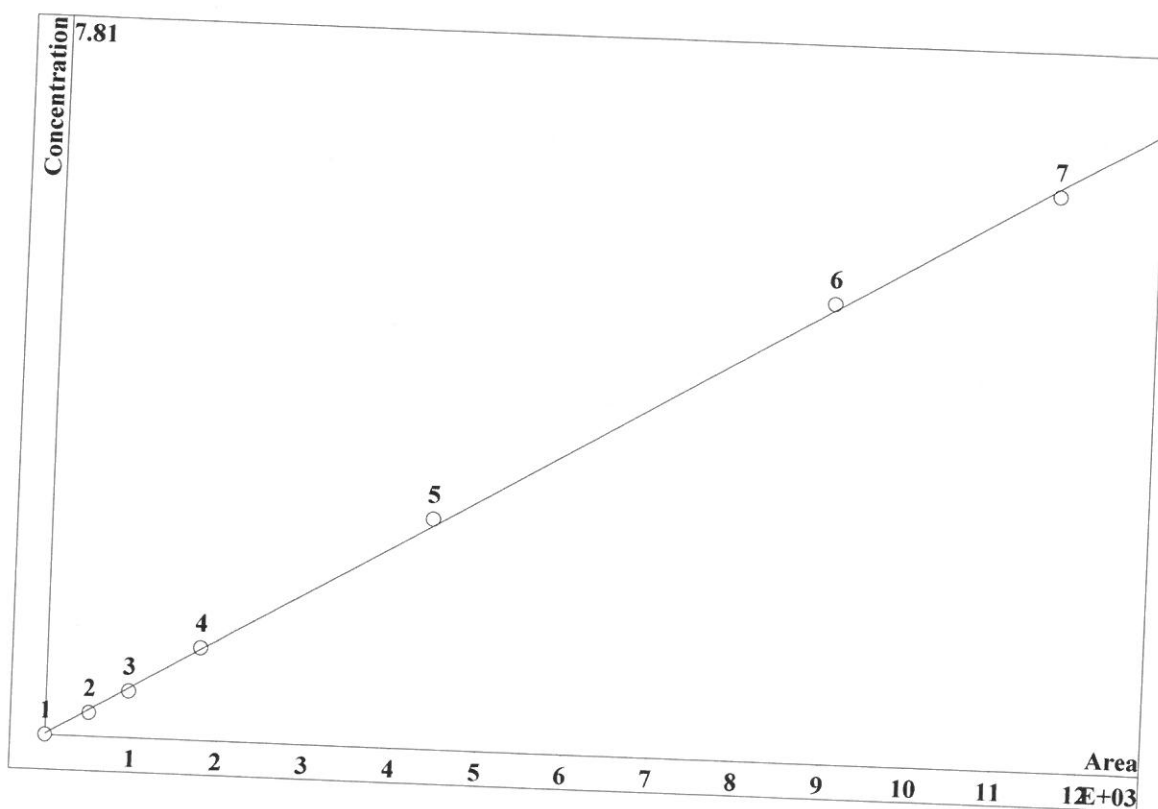


K3 = 0 K2 = 0 K1 = 0.0635001 K0 = 3.5005
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	14.84	307.7	1	20	12.71		
3	28.88	614.3	2	20	12.71		
4	55.77	1202	4	20	12.71		
5	140.2	2995	10	20	12.71		
6	297.2	6159	20	20	12.71		
7	384.7	7918	25	20	12.71		

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-110419.mtw
 Equation: $Q = 0.0109265 \cdot A + 0.231948$
 RSD: 2.815 %
 Correlation coefficient: 0.999665

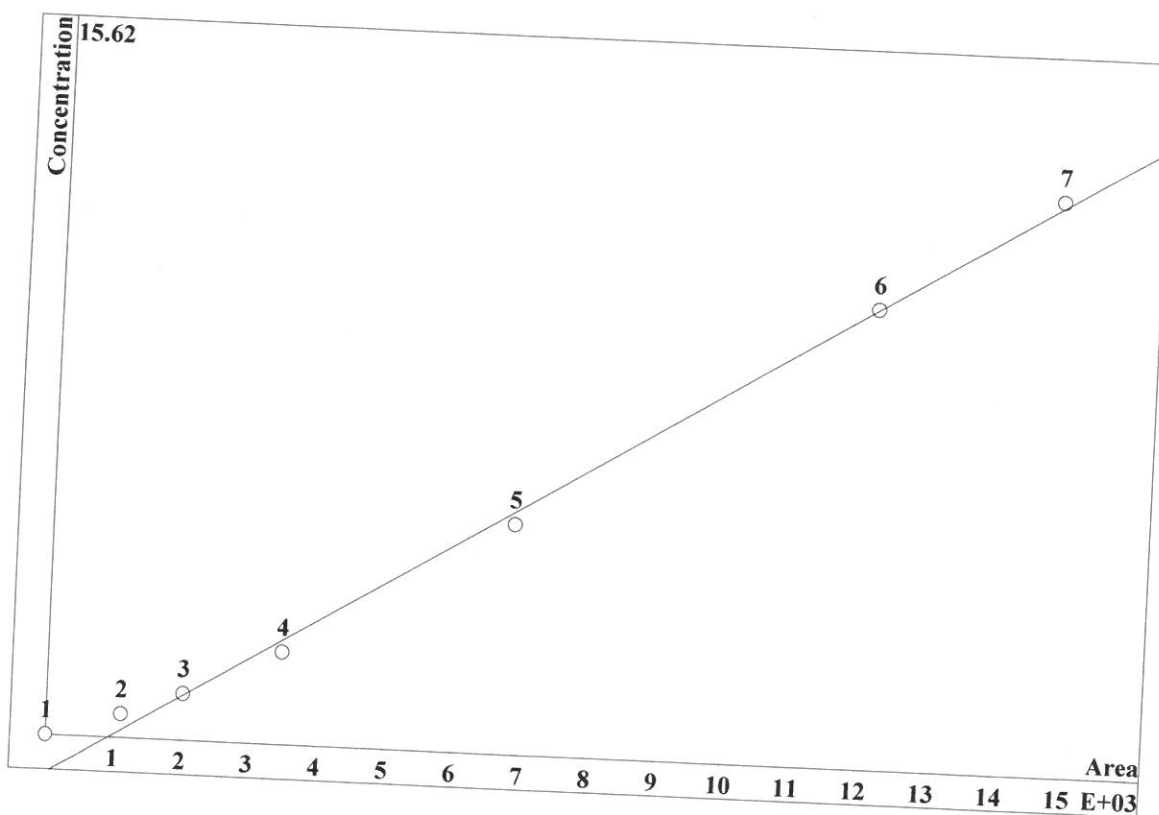


K3 = 0 K2 = 0 K1 = 0.0109265 K0 = 0.231948
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	18.08	510	0.25	20	14.58		
3	34.74	965	0.5	20	14.58		
4	64.58	1787	1	20	14.58		
5	158.6	4414	2.5	20	14.58		
6	327.3	8999	5	20	14.58		
7	420.7	1.157e+04	6.25	20	14.58		

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-110419.mtw
 Equation: $Q = 0.0179147 \cdot A - 16.7703$
 RSD: 5.185 %
 Correlation coefficient: 0.998863

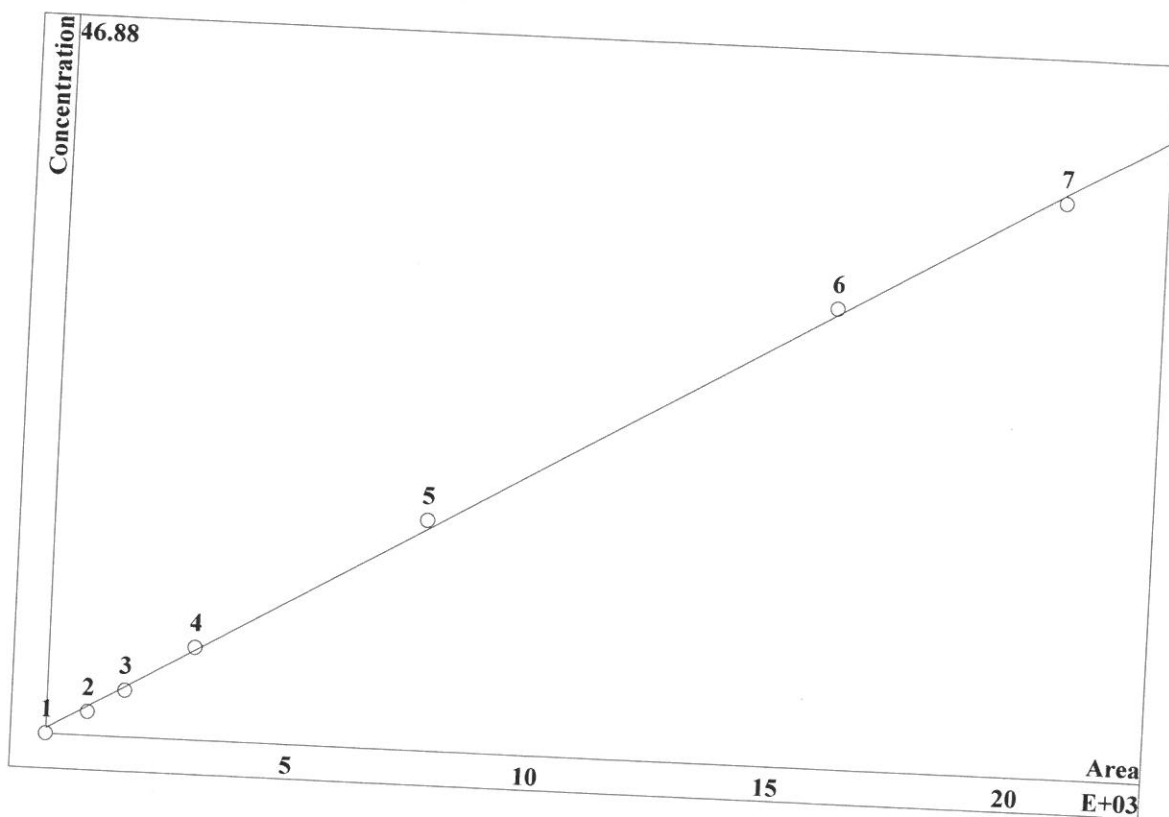


K3 = 0 K2 = 0 K1 = 0.0179147 K0 = -16.7703
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0				
2	24.08		1107	0			
3	44.76		2020	0.5	20		20.07
4	79.56		3466	1	20		20.07
5	161.8		6823	2	20		20.07
6	298.1	1.208e+04		5	20		20.07
7	365.7	1.473e+04		10	20		20.07
				12.5	20		20.07

CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-110419.mtw
 Equation: $Q = 0.0363975 \cdot A + 6.87507$
 RSD: 3.368 %
 Correlation coefficient: 0.999520



K3 = 0 K2 = 0 K1 = 0.0363975 K0 = 6.87507
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0				
2	24.78		0				
3	46.54	850.9		1.5	20		0
4	87.57	1600		3	20		23.15
5	215.4	3020		6	20		23.15
6	449.6	7722		15	20		23.15
7	575.2	1.606e+04		30	20		23.15
		2.072e+04		37.5	20		23.15

Report date: 11/5/2019 3:34:30 PM
Printed by: wet

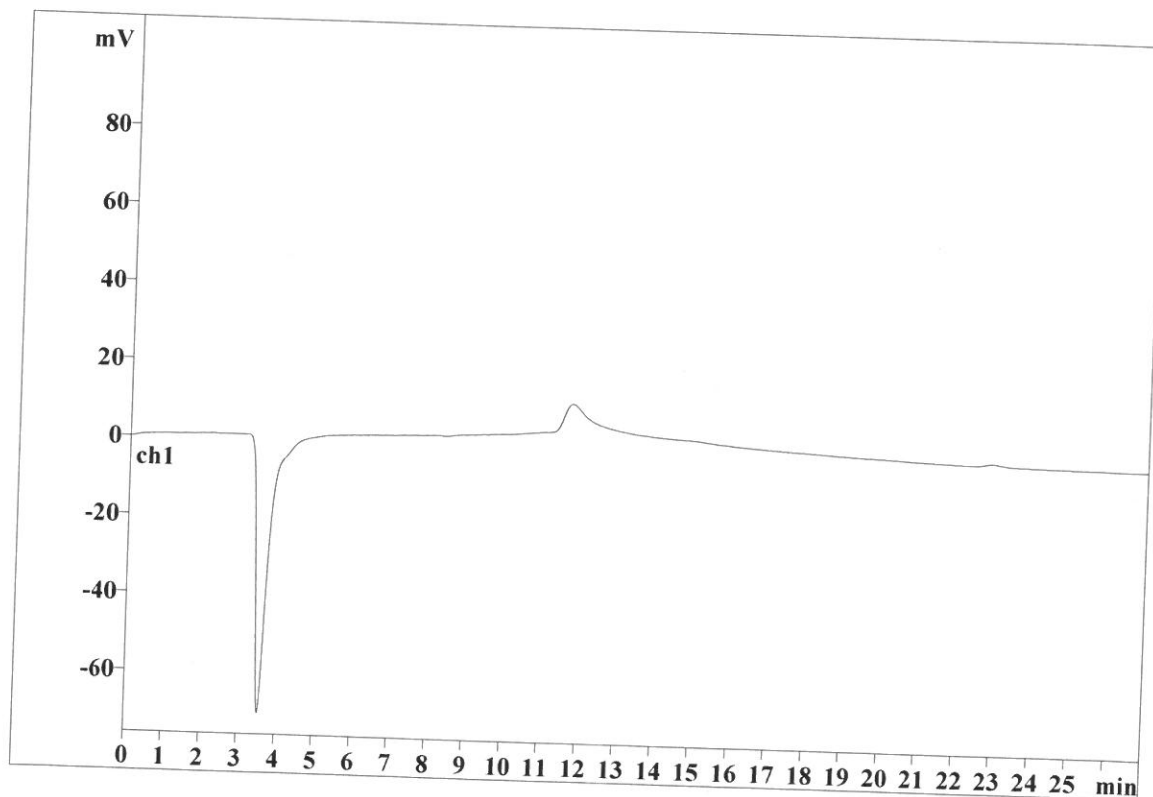
Ident: STD1
Analysis from: 11/4/2019 10:25:57 AM
File: _2019-11-04_

Last save: 11/4/2019 10:52:57 AM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23239

Last save: 11/4/2019 9:05:

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



Quantitation method: Custom

No peaks

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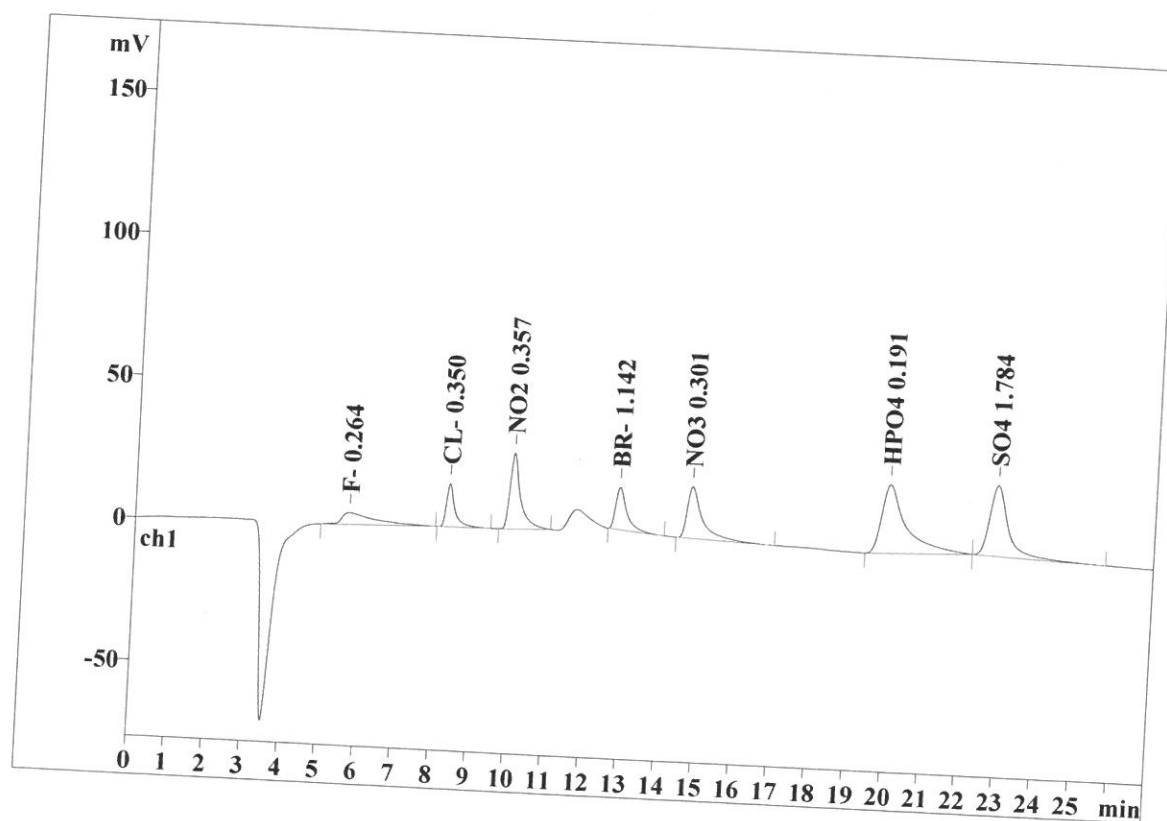
Report date: 11/5/2019 3:34:45 PM
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 Ident: STD2
 Analysis from: 11/4/2019 10:55:55 AM
 File: _2019-11-04_

Last save: 11/4/2019 11:22:55 AM

Method: AnionsIC2-110419.mtw
 Run operator: wet
 Analysis number: 23240

Last save: 11/4/2019 10:52

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.65	0.822	4.09	3.21	248.160	6.56
2	8.29	0.208	15.05	11.81	238.273	6.30
3	9.97	0.261	26.53	20.82	519.673	13.74
4	12.81	0.287	14.83	11.64	307.696	8.14
5	14.73	0.358	18.08	14.18	510.004	13.49
6	19.95	0.574	24.08	18.89	1106.965	29.27
7	22.85	0.472	24.78	19.45	850.922	22.50
7	27.00	0.426	127.45	100.00	3781.693	100.00

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Report date: 11/5/2019 3:35:00 PM
Printed by: wet

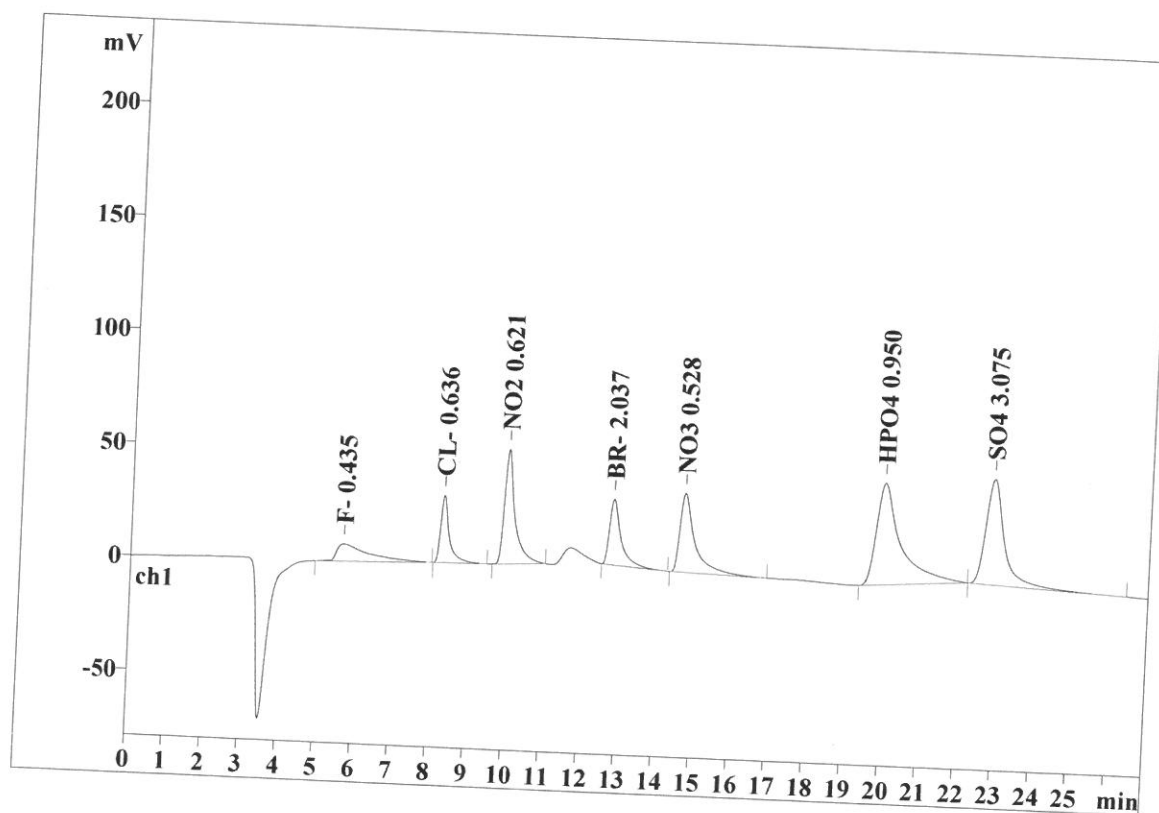
Ident: STD3
Analysis from: 11/4/2019 11:25:53 AM
File: _2019-11-04_

Last save: 11/4/2019 11:52:53 AM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23241

Last save: 11/4/2019 11:22

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.65	0.797	7.59	3.13	450.083	6.33
2	8.28	0.208	29.61	12.21	468.798	6.59
3	9.96	0.262	50.41	20.78	993.172	13.97
4	12.78	0.288	28.88	11.91	614.289	8.64
5	14.68	0.355	34.74	14.32	964.998	13.57
6	19.95	0.562	44.77	18.46	2019.782	28.40
7	22.85	0.471	46.54	19.19	1600.197	22.50
7	27.00	0.420	242.53	100.00	7111.318	100.00

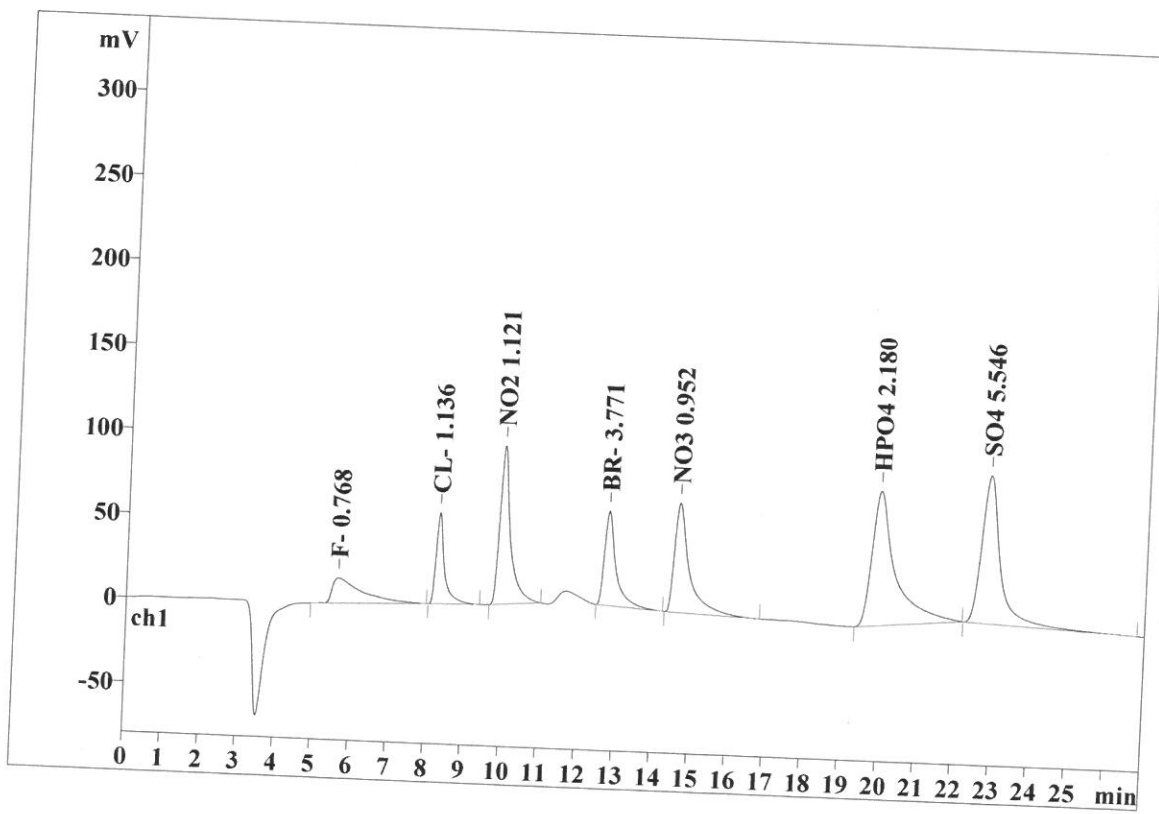
This report has been created by IC Net
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Report date: 11/5/2019 3:35:12 PM
 Printed by: wet
 Ident: STD4
 Analysis from: 11/4/2019 11:55:53 AM
 File: _2019-11-04_

Last save: 11/4/2019 12:22:53 PM
 Last save: 11/4/2019 11:52

Method: AnionsIC2-110419.mtw
 Run operator: wet
 Analysis number: 23242

SAMPLE:
 :
 Vial number: CT/AP
 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	5.62	0.746	14.90	3.31	824.408	6.33
2	8.27	0.207	53.97	11.99	851.278	6.54
3	9.94	0.266	93.75	20.83	1868.470	14.35
4	12.74	0.287	55.77	12.39	1202.398	9.24
5	14.61	0.354	64.58	14.35	1786.624	13.72
6	19.93	0.542	79.56	17.68	3465.906	26.62
7	22.85	0.469	87.57	19.46	3019.787	23.20
7	27.00	0.410	450.09	100.00	13018.871	100.00

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Report date: 11/5/2019 3:35:32 PM
Printed by: wet

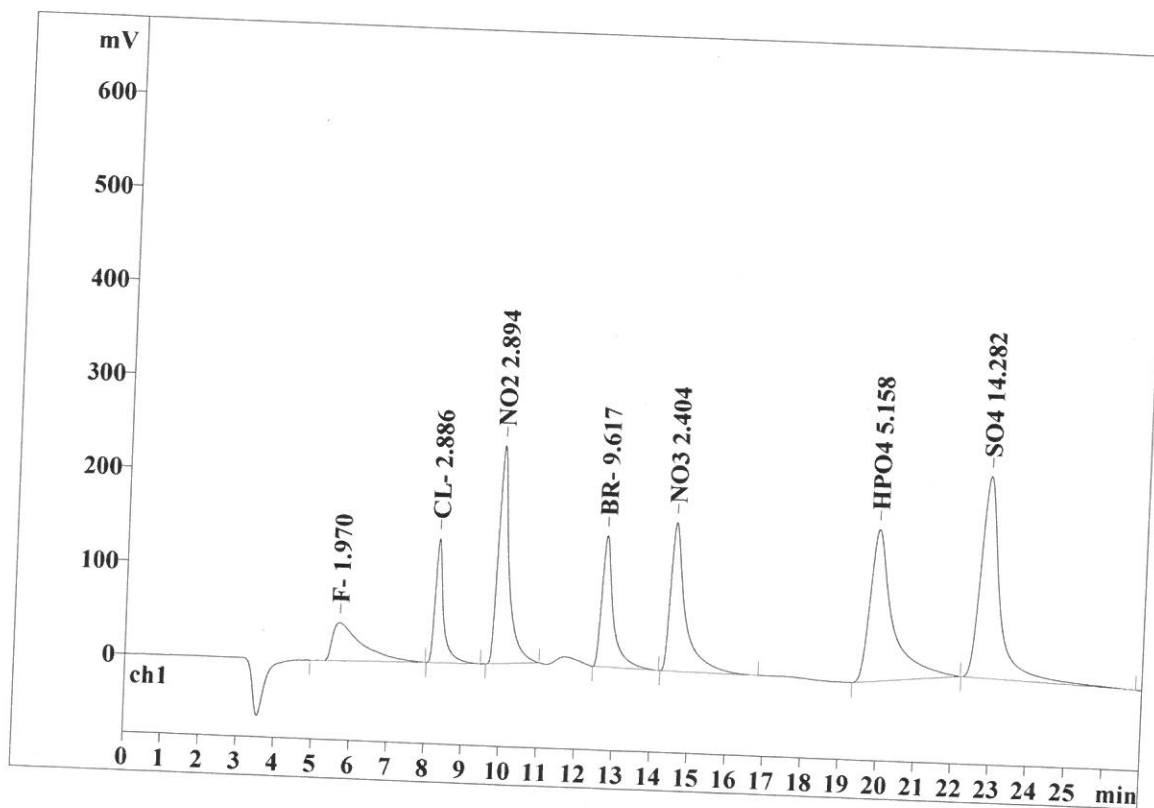
Ident: STD5
Analysis from: 11/4/2019 2:07:18 PM
File: _2019-11-04_

Last save: 11/4/2019 2:34:18 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23246

Last save: 11/4/2019 1:52:

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.66	0.744	40.50	3.74	2185.642	7.07
2	8.27	0.209	132.55	12.25	2092.020	6.76
3	9.92	0.271	232.58	21.50	4698.512	15.19
4	12.71	0.285	140.21	12.96	2995.410	9.68
5	14.54	0.359	158.57	14.66	4414.012	14.27
6	19.92	0.532	161.80	14.96	6823.407	22.06
7	22.85	0.480	215.40	19.91	7721.536	24.96
7	27.00	0.411	1081.61	100.00	30930.539	100.00

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Report date: 11/5/2019 3:35:42 PM
Printed by: wet

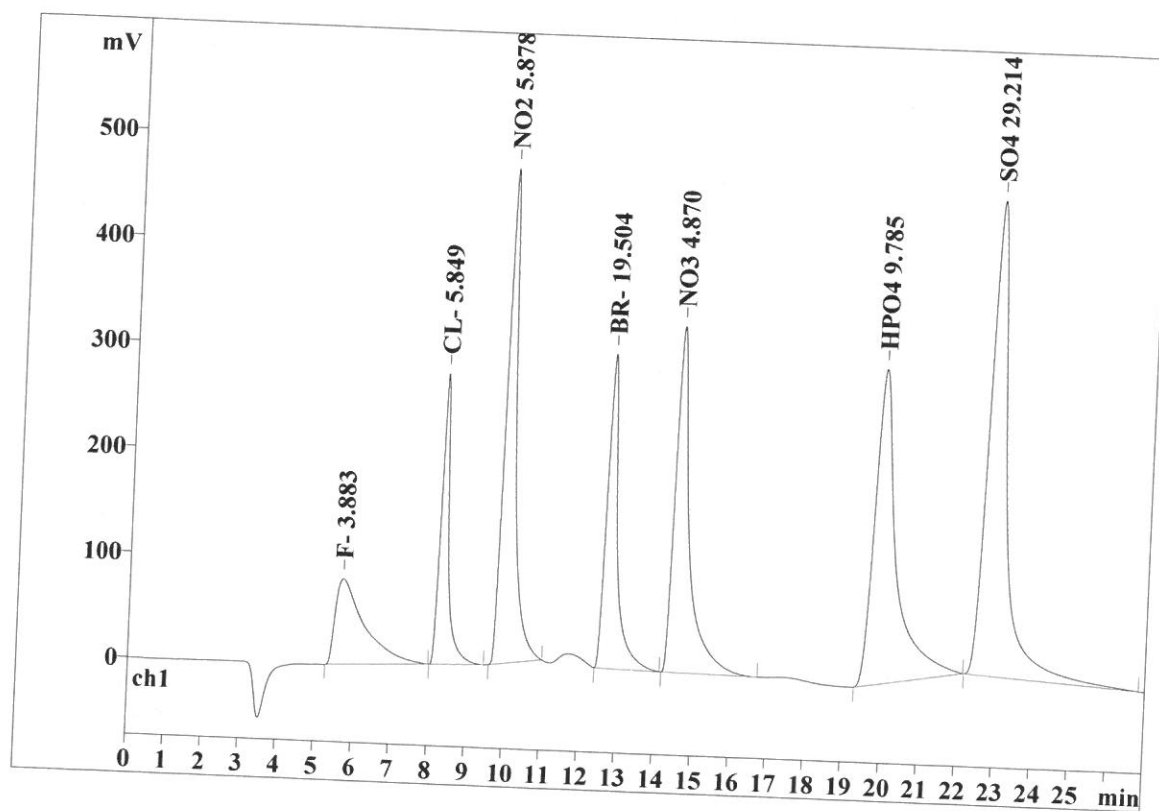
Ident: STD6
Analysis from: 11/4/2019 2:37:16 PM
File: _2019-11-04_

Last save: 11/4/2019 3:04:17 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23247

Last save: 11/4/2019 2:34:

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.67	0.739	80.93	3.68	4333.133	7.04
2	8.26	0.204	275.10	12.52	4255.486	6.92
3	9.90	0.279	468.40	21.32	9641.831	15.67
4	12.69	0.275	297.19	13.53	6159.081	10.01
5	14.48	0.355	327.31	14.90	8998.990	14.63
6	19.87	0.515	298.11	13.57	12075.052	19.63
7	22.83	0.475	449.62	20.47	16060.422	26.10
7	27.00	0.406	2196.65	100.00	61523.996	100.00

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Report date: 11/5/2019 3:35:52 PM
 Printed by: wet

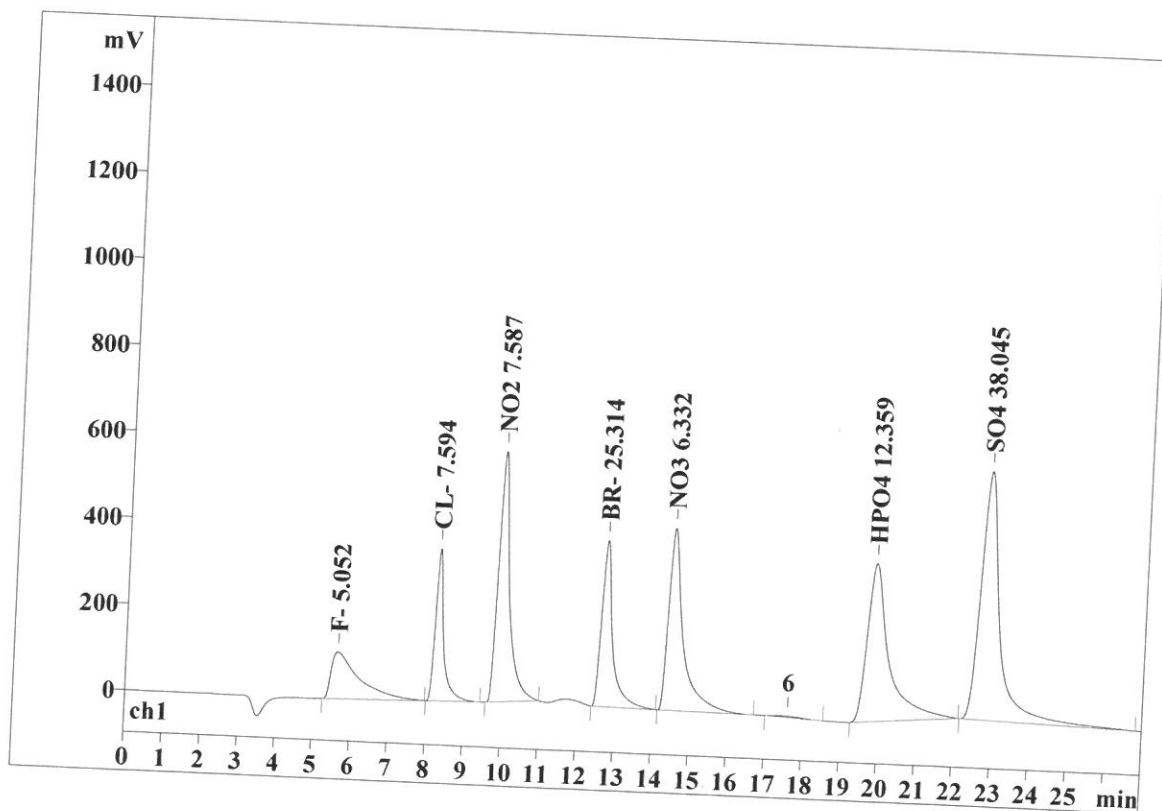
Ident: STD7
 Analysis from: 11/4/2019 3:07:15 PM
 File: _2019-11-04_

Last save: 11/4/2019 3:34:15 PM

Method: AnionsIC2-110419.mtw
 Run operator: wet
 Analysis number: 23248

Last save: 11/4/2019 3:04:

SAMPLE:
 : CT/AP
 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	5.63	0.698	108.23	3.88	5558.856	7.09
2	8.25	0.205	352.49	12.64	5460.895	6.96
3	9.89	0.292	579.26	20.77	12350.512	15.74
4	12.69	0.272	384.70	13.79	7917.896	10.09
5	14.46	0.354	420.72	15.08	11569.519	14.75
6	19.84	0.514	365.66	13.11	14734.034	18.78
7	22.81	0.477	575.18	20.62	20716.256	26.41
7	27.00	0.402	2786.24	99.90	78307.967	99.83

This report has been created by IC Net
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Report date: 11/5/2019 3:36:08 PM
 Printed by: wet

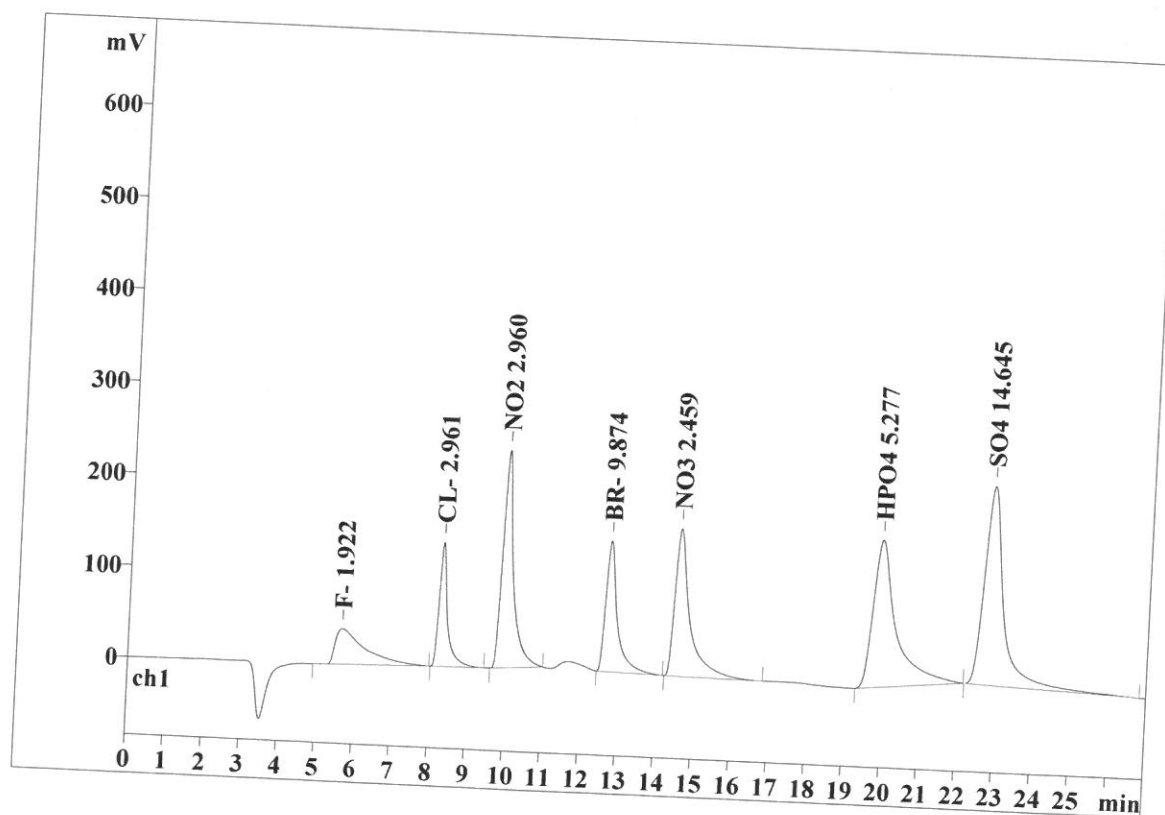
Ident: ICV
 Analysis from: 11/4/2019 4:52:16 PM
 File: _2019-11-04_

Last save: 11/4/2019 5:19:17 PM

Method: AnionsIC2-110419.mtw
 Run operator: wet
 Analysis number: 23250

Last save: 11/4/2019 3:34:

SAMPLE:
 : CT/AP
 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	5.66	0.749	38.58	3.55	2107.280	6.75
2	8.26	0.209	134.57	12.38	2127.682	6.81
3	9.92	0.273	236.06	21.71	4782.567	15.31
4	12.71	0.286	142.08	13.07	3054.870	9.78
5	14.55	0.361	160.06	14.72	4480.438	14.34
6	19.89	0.540	159.86	14.70	6827.601	21.86
7	22.83	0.487	216.13	19.88	7858.294	25.16
7	27.00	0.415	1087.34	100.00	31238.732	100.00

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Report date: 11/5/2019 3:36:19 PM
Printed by: wet

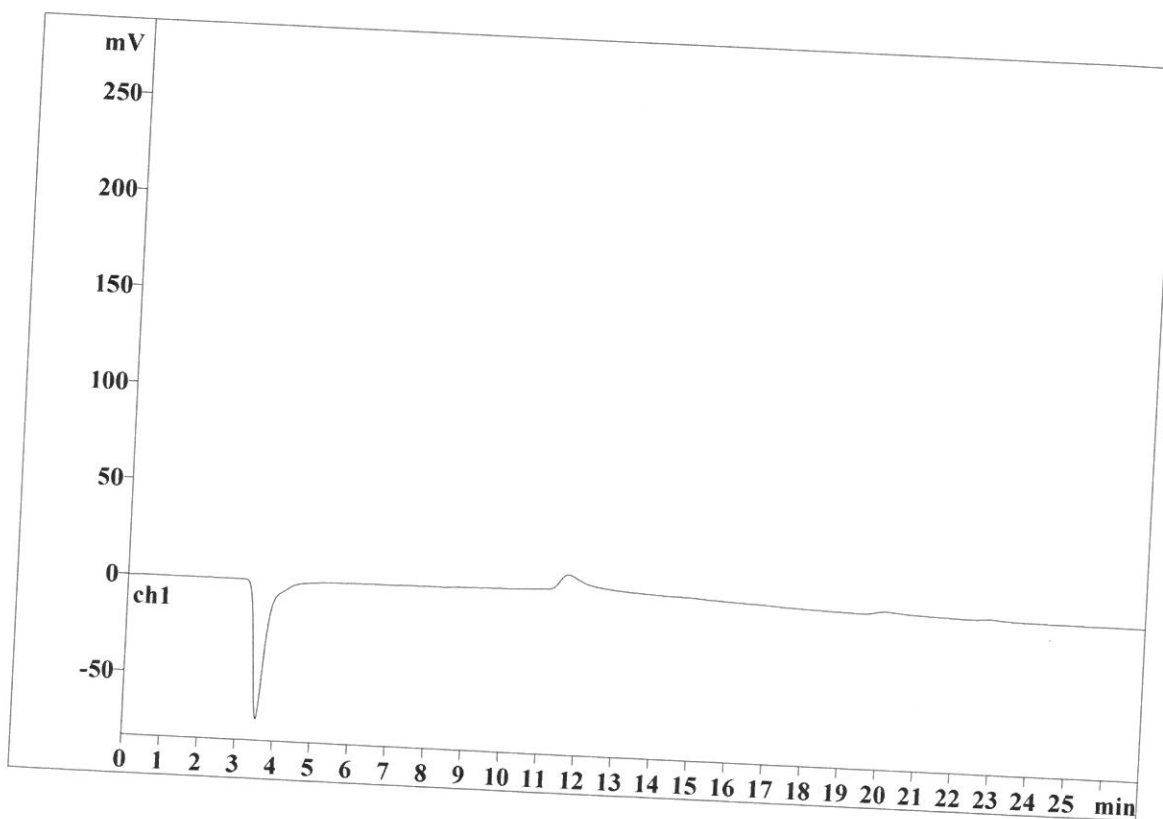
Ident: ICB
Analysis from: 11/4/2019 5:22:23 PM
File: _2019-11-04_

Last save: 11/4/2019 5:49:23 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23251

Last save: 11/4/2019 3:34:

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:16:11 PM
Printed by: wet

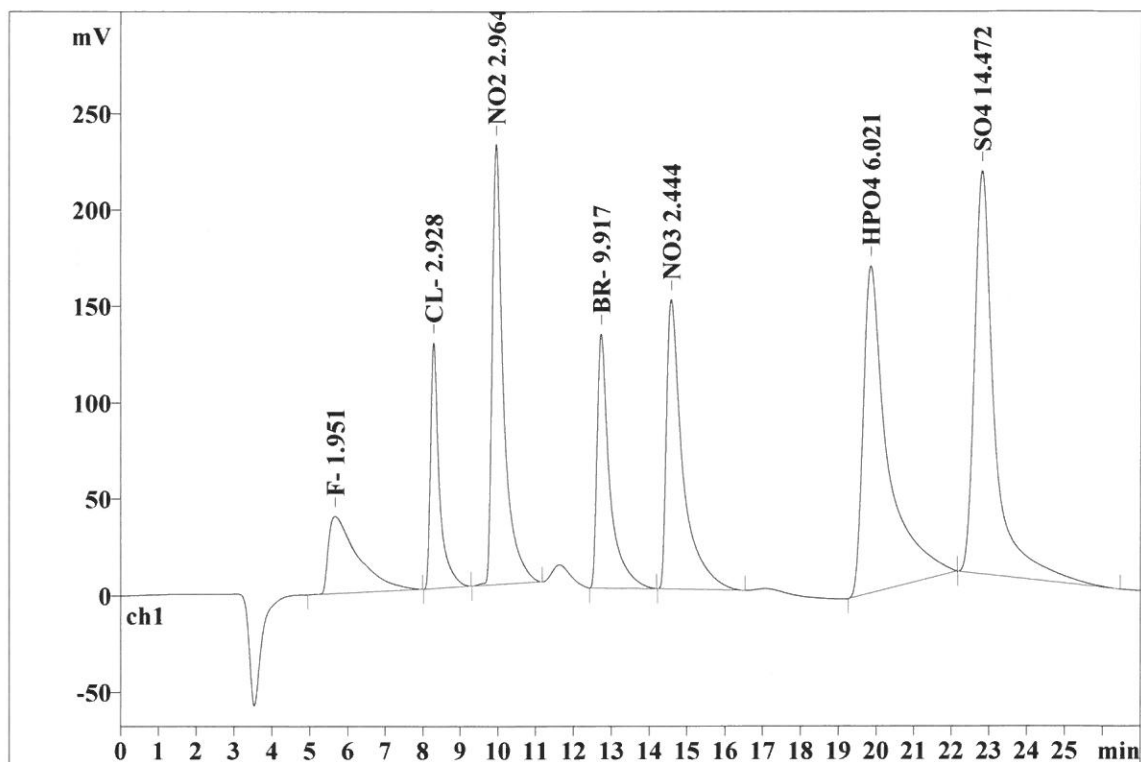
Ident: CCV
Analysis from: 11/12/2019 1:55:53 PM
File: _2019-11-12_

Last save: 11/12/2019 2:22:54 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23399

Last save: 11/7/2019 9:07:

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 mV	Height %	Area mV*sec	Area %
1	5.67	0.743	39.86	3.77	2138.929	6.69
2	8.28	0.219	127.48	12.07	2103.940	6.58
3	9.94	0.280	228.32	21.62	4788.985	14.98
4	12.72	0.306	131.83	12.48	3068.377	9.60
5	14.58	0.390	150.04	14.21	4452.812	13.93
6	19.85	0.555	169.68	16.06	7657.673	23.95
7	22.81	0.481	208.98	19.79	7763.047	24.28
7	27.00	0.425	1056.19	100.00	31973.763	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:16:23 PM
Printed by: wet

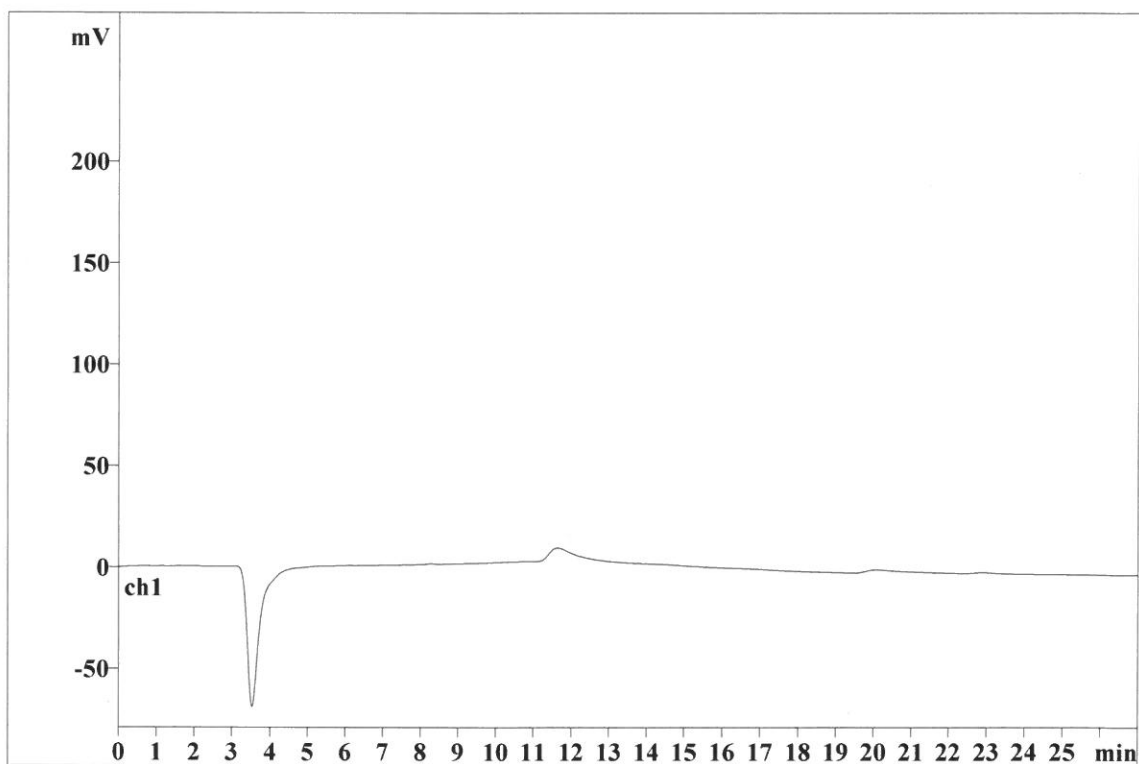
Ident: CCB
Analysis from: 11/12/2019 2:26:17 PM
File: _2019-11-12_

Last save: 11/12/2019 2:53:17 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23400

Last save: 11/7/2019 9:07:

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: 11/15/2019 1:16:32 PM
Printed by: wet

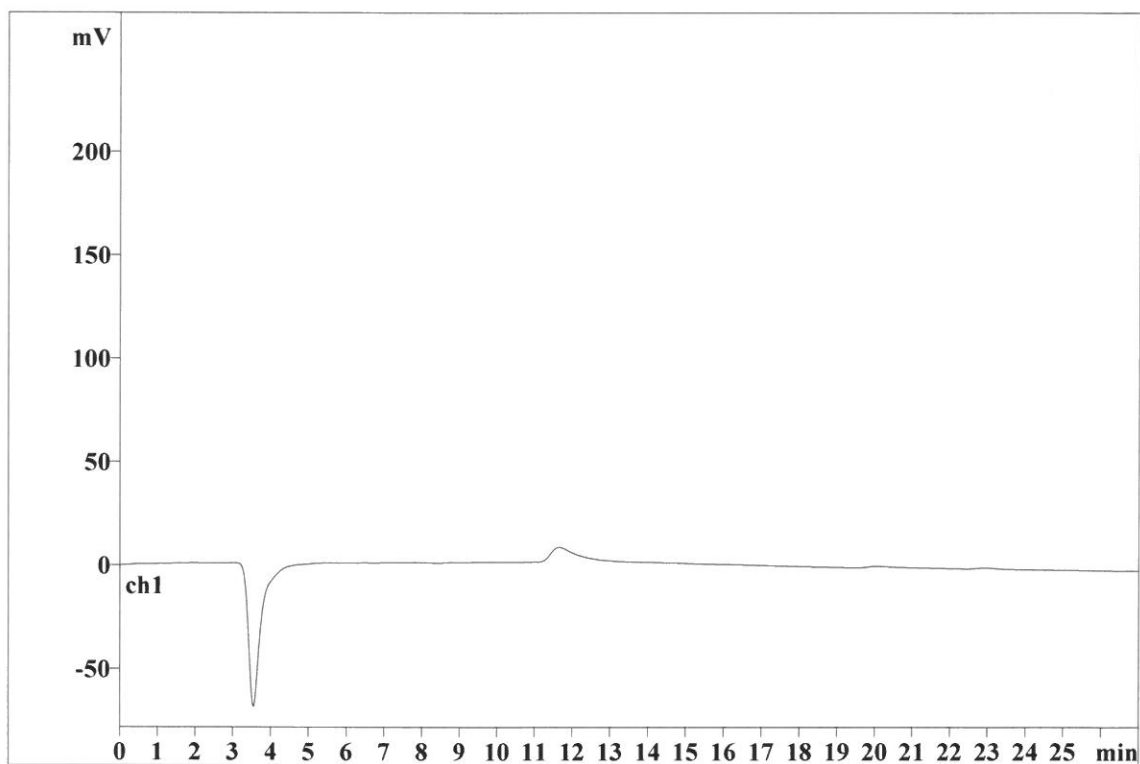
Ident: LB106229BLW
Analysis from: 11/12/2019 2:56:13 PM
File: _2019-11-12_

Last save: 11/15/2019 12:54:07 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23401

Last save: 11/7/2019 9:07:

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:16:42 PM
Printed by: wet

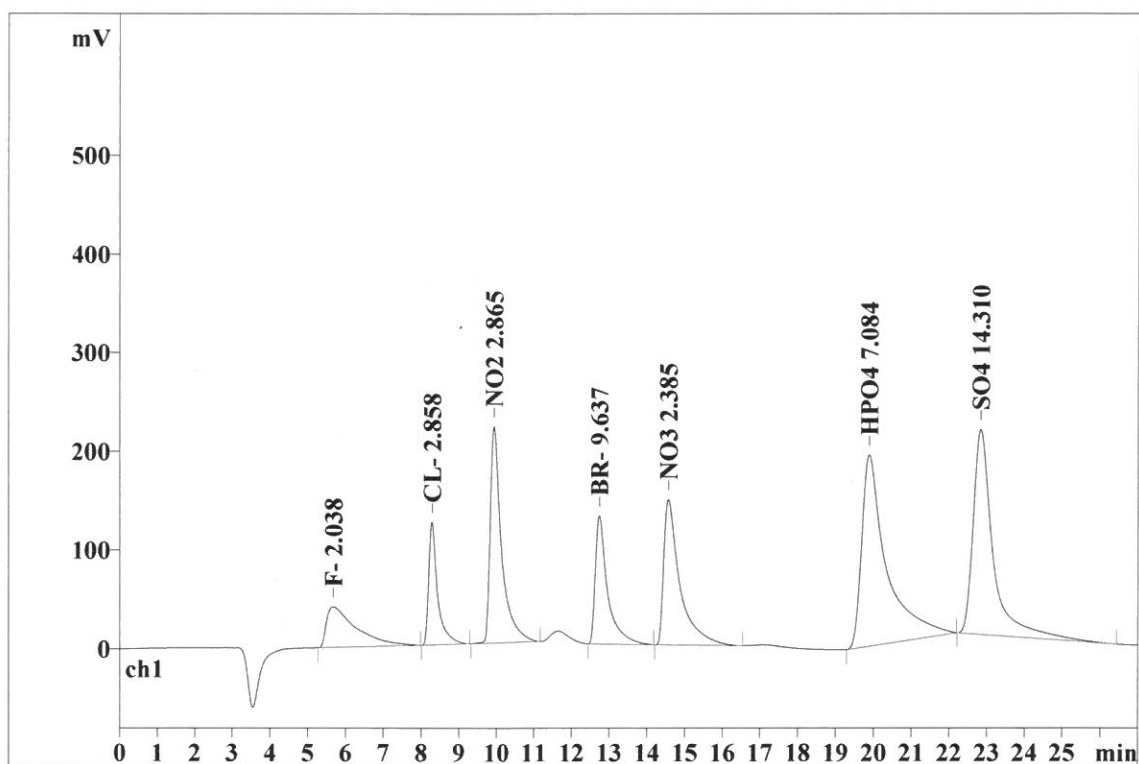
Ident: LB106229BSW
Analysis from: 11/12/2019 3:26:09 PM
File: _2019-11-12_

Last save: 11/12/2019 3:53:09 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23402

Last save: 11/7/2019 9:07:

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 mV	Height %	Area mV*sec	Area %
1	5.68	0.758	41.10	3.87	2234.666	6.82
2	8.27	0.218	124.38	11.70	2053.852	6.27
3	9.93	0.279	218.99	20.60	4626.967	14.12
4	12.73	0.300	129.87	12.22	2980.031	9.10
5	14.56	0.385	147.18	13.85	4343.807	13.26
6	19.88	0.562	193.65	18.22	8845.072	27.00
7	22.83	0.478	207.64	19.54	7674.235	23.43
7	27.00	0.426	1062.82	100.00	32758.630	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:17:09 PM
Printed by: wet

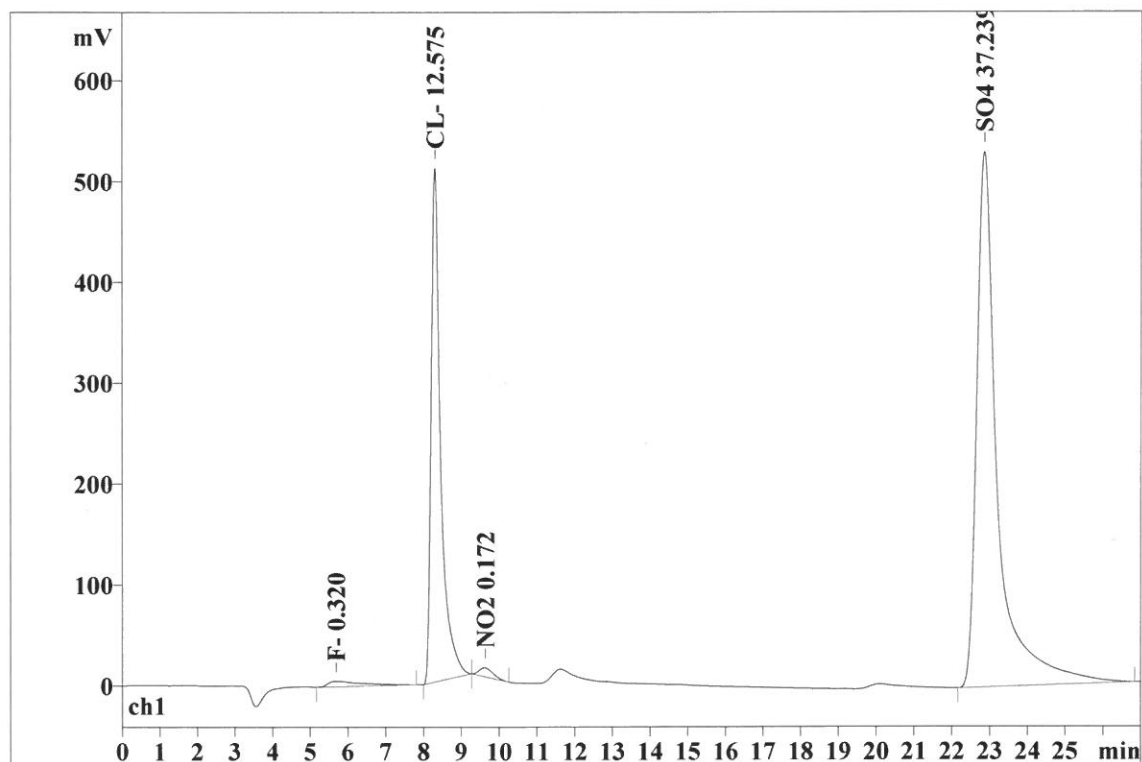
Ident: K5802-01
Analysis from: 11/12/2019 3:56:13 PM
File: _2019-11-12_

Last save: 11/15/2019 1:17:08 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23403

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 39
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	5.69	0.952	5.31	0.50	340.839	1.14
2	8.28	0.241	509.45	48.31	9045.007	30.27
3	9.64	0.402	8.87	0.84	223.623	0.75
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	22.85	0.478	530.94	50.35	20273.322	67.84
7	27.00	0.296	1054.57	100.00	29882.791	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:17:19 PM
Printed by: wet

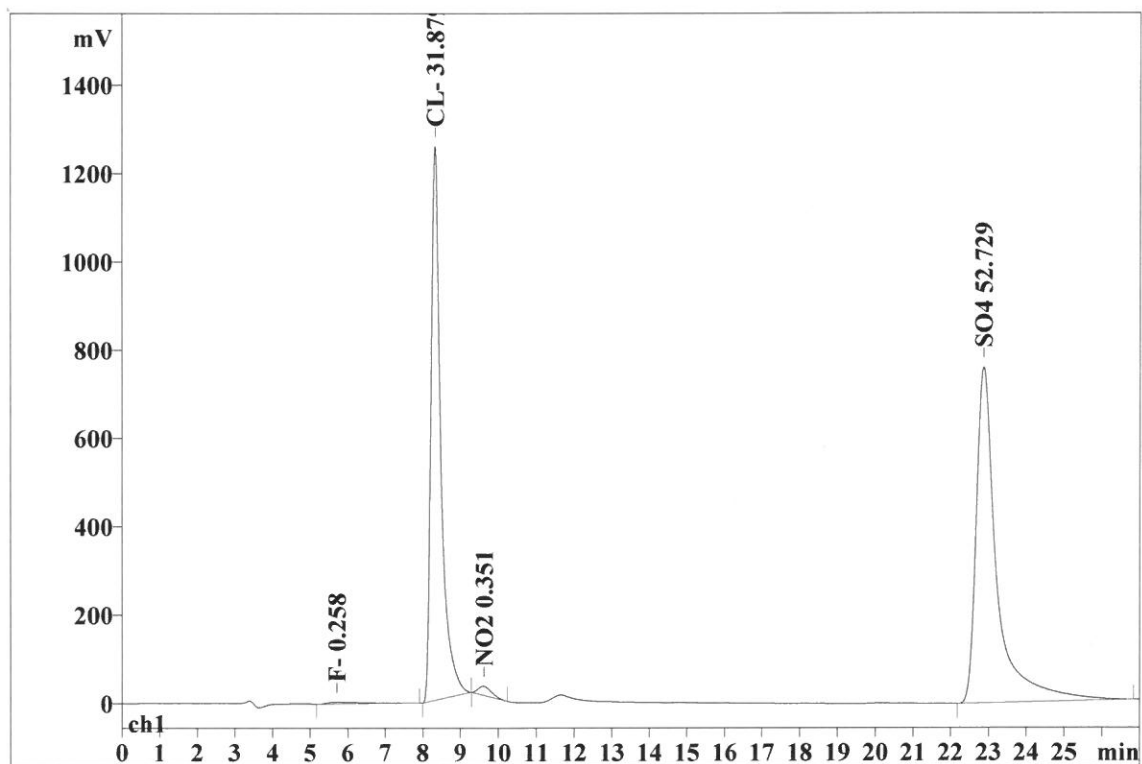
Ident: K5802-02
Analysis from: 11/12/2019 4:26:08 PM
File: _2019-11-12_

Last save: 11/12/2019 4:53:09 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23404

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 40
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	5.70	1.105	3.78	0.19	272.389	0.52
2	8.30	0.253	1254.83	61.53	22934.454	43.68
3	9.63	0.397	20.70	1.01	515.652	0.98
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	22.87	0.477	760.10	37.27	28785.267	54.82
7	27.00	0.319	2039.41	100.00	52507.762	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:17:46 PM
Printed by: wet

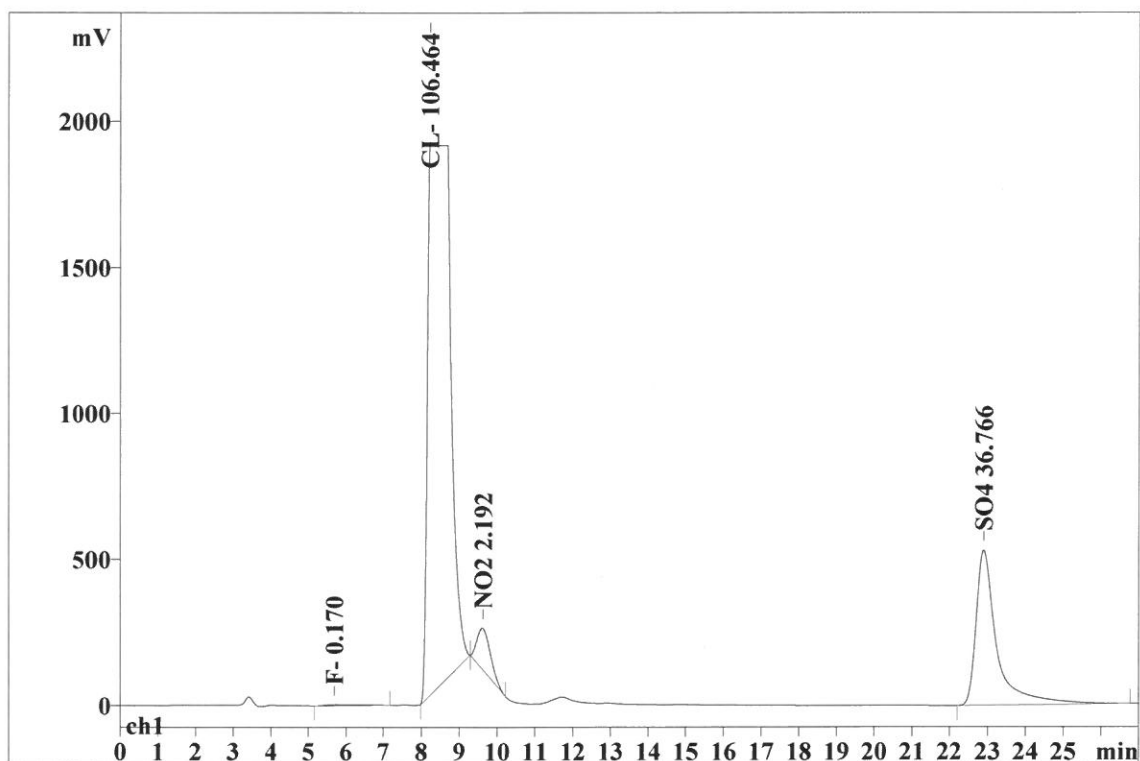
Ident: K5802-03
Analysis from: 11/12/2019 4:56:04 PM
File: _2019-11-12_

Last save: 11/13/2019 10:05:28 AM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23405

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 41
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	5.69	0.944	3.00	0.12	174.773	0.17
2	8.21	0.637	1889.54	73.78	76598.418	76.36
3	9.64	0.395	142.90	5.58	3526.681	3.52
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	22.90	0.476	530.37	20.71	20013.401	19.95
7	27.00	0.350	2565.81	100.19	100313.273	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:18:06 PM
Printed by: wet

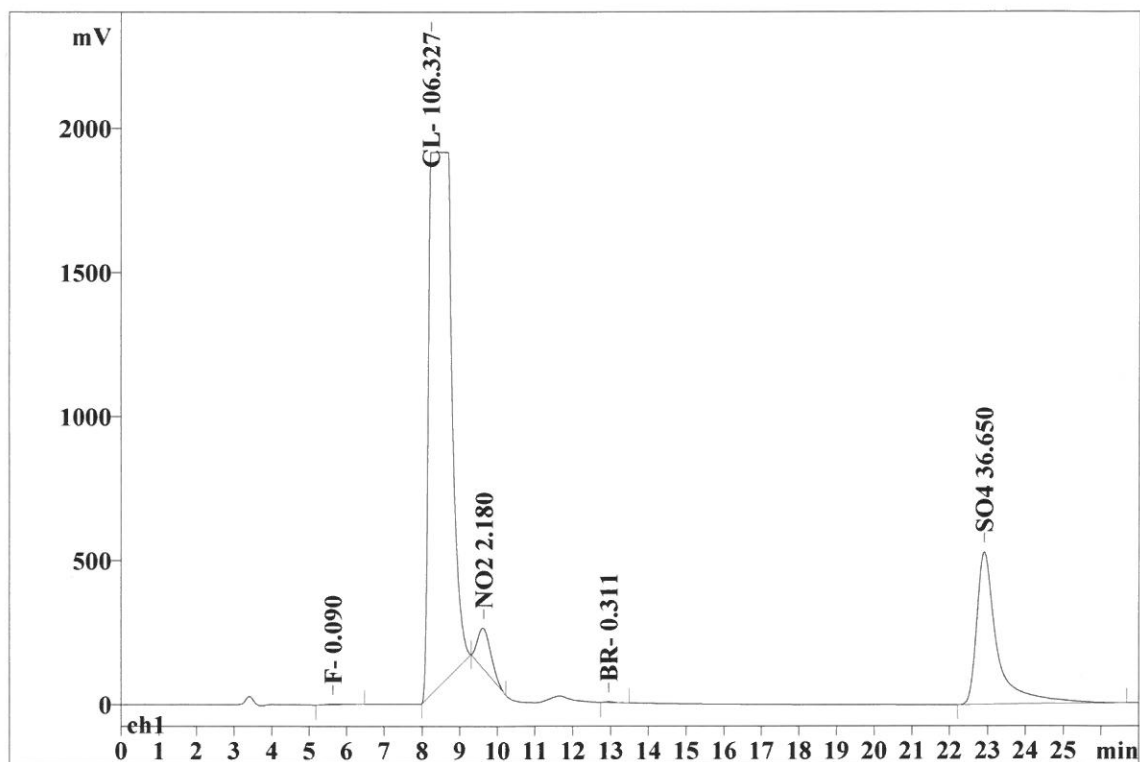
Ident: K5802-04
Analysis from: 11/12/2019 5:26:00 PM
File: _2019-11-12_

Last save: 11/13/2019 10:06:12 AM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23406

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 42
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	5.64	0.654	2.18	0.09	86.660	0.09
2	8.22	0.637	1888.51	73.79	76499.674	76.43
3	9.64	0.394	142.45	5.57	3507.227	3.50
4	12.94	0.267	2.47	0.10	42.902	0.04
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	22.91	0.477	528.21	20.64	19950.058	19.93
7	27.00	0.347	2563.82	100.17	100086.521	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:18:17 PM
Printed by: wet

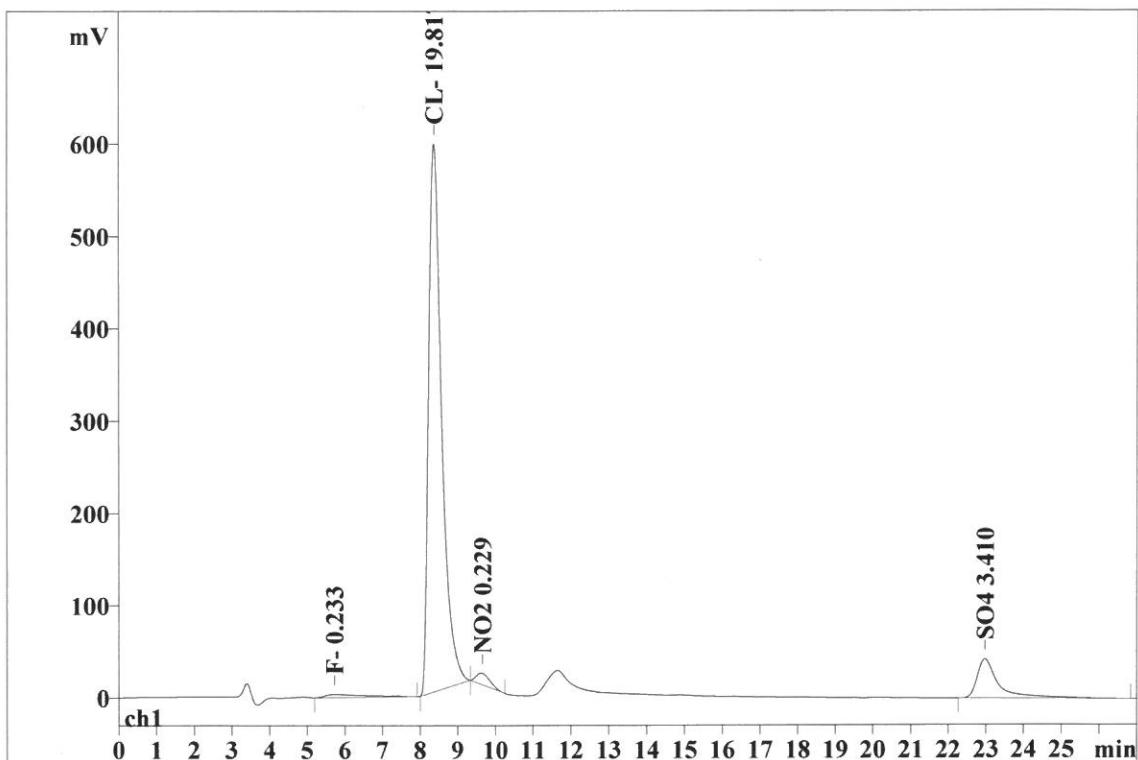
Ident: K5802-06
Analysis from: 11/12/2019 5:55:57 PM
File: _2019-11-12_

Last save: 11/12/2019 6:22:57 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23407

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 43
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	5.72	1.087	3.36	0.51	244.606	1.48
2	8.34	0.358	593.71	91.04	14255.731	86.40
3	9.66	0.403	12.62	1.93	315.556	1.91
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	22.98	0.495	42.47	6.51	1684.730	10.21
7	27.00	0.335	652.15	100.00	16500.623	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:18:32 PM
Printed by: wet

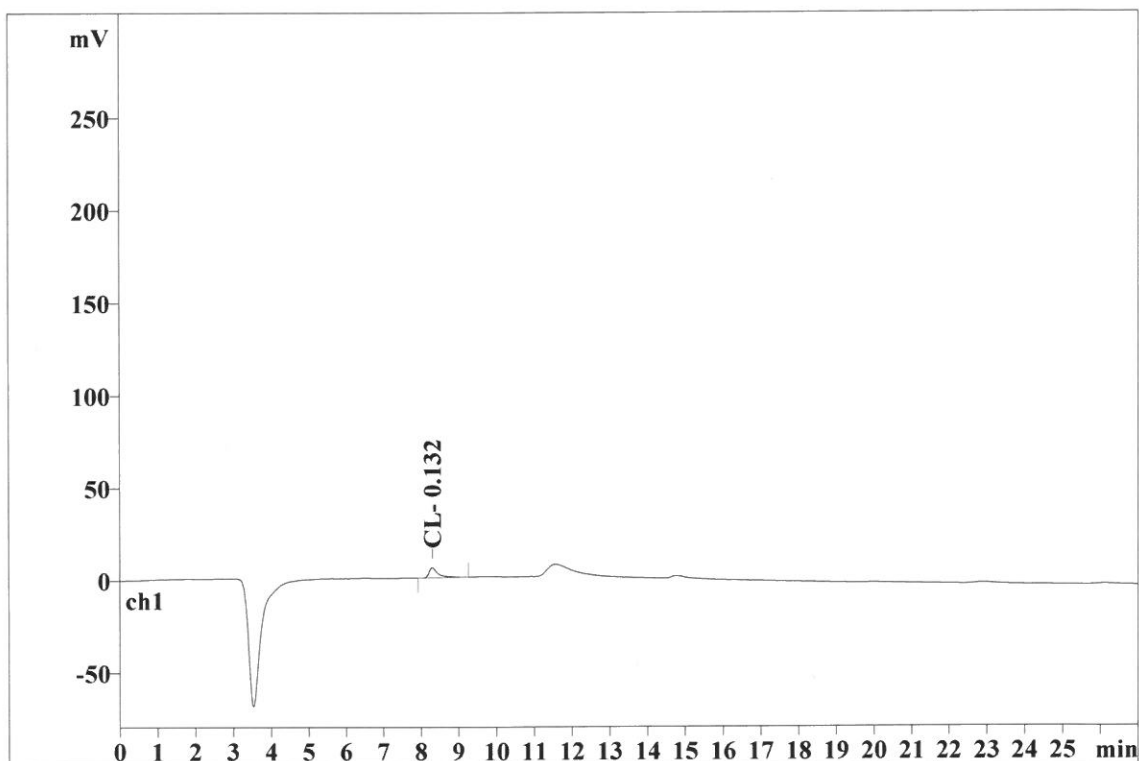
Ident: K5795-01
Analysis from: 11/12/2019 6:25:57 PM
File: _2019-11-12_

Last save: 11/12/2019 6:52:58 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23408

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 35
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	8.30	0.221	5.45	99.99	92.408	100.00
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	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	0.00	0.000	0.00	0.00	0.000	0.00
7	27.00	0.032	5.45	99.99	92.408	100.00

This report has been created by IC Net
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Report date: 11/15/2019 1:18:42 PM
Printed by: wet

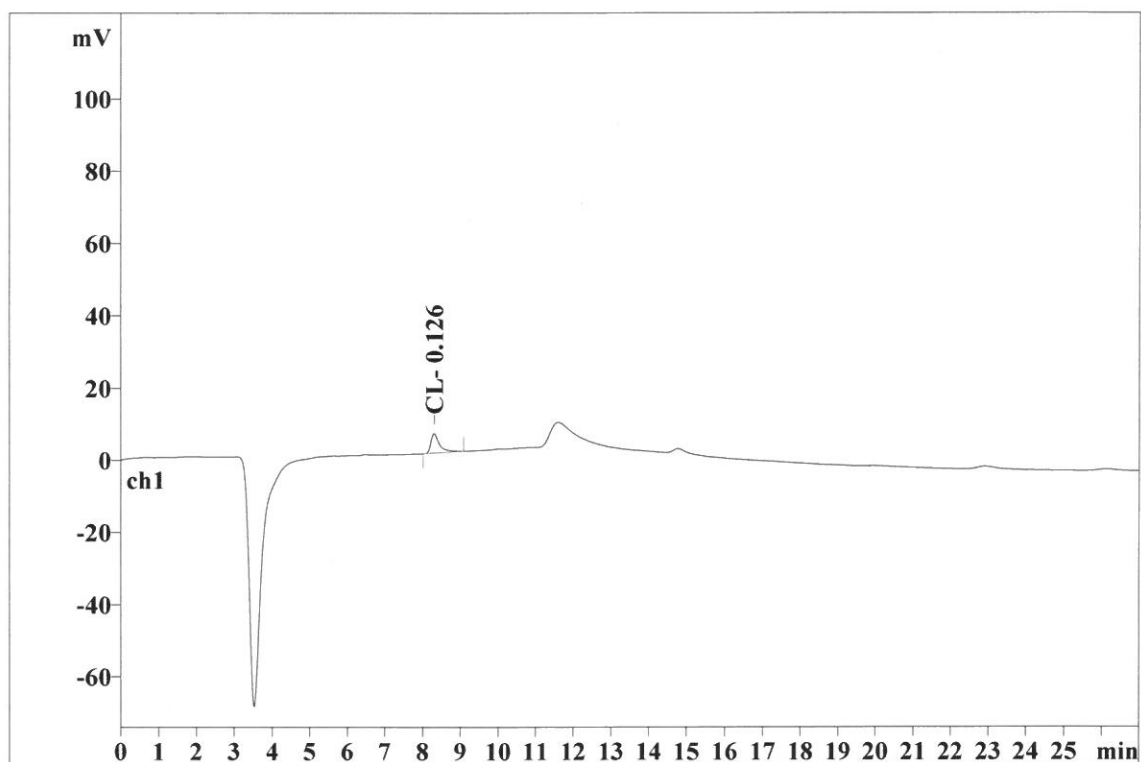
Ident: K5795-01DUP
Analysis from: 11/12/2019 6:55:53 PM
File: _2019-11-12_

Last save: 11/12/2019 7:22:53 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23409

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 36
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	8.29	0.219	5.40	100.00	87.657	100.00
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	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	0.00	0.000	0.00	0.00	0.000	0.00
7	27.00	0.031	5.40	100.00	87.657	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:18:52 PM
Printed by: wet

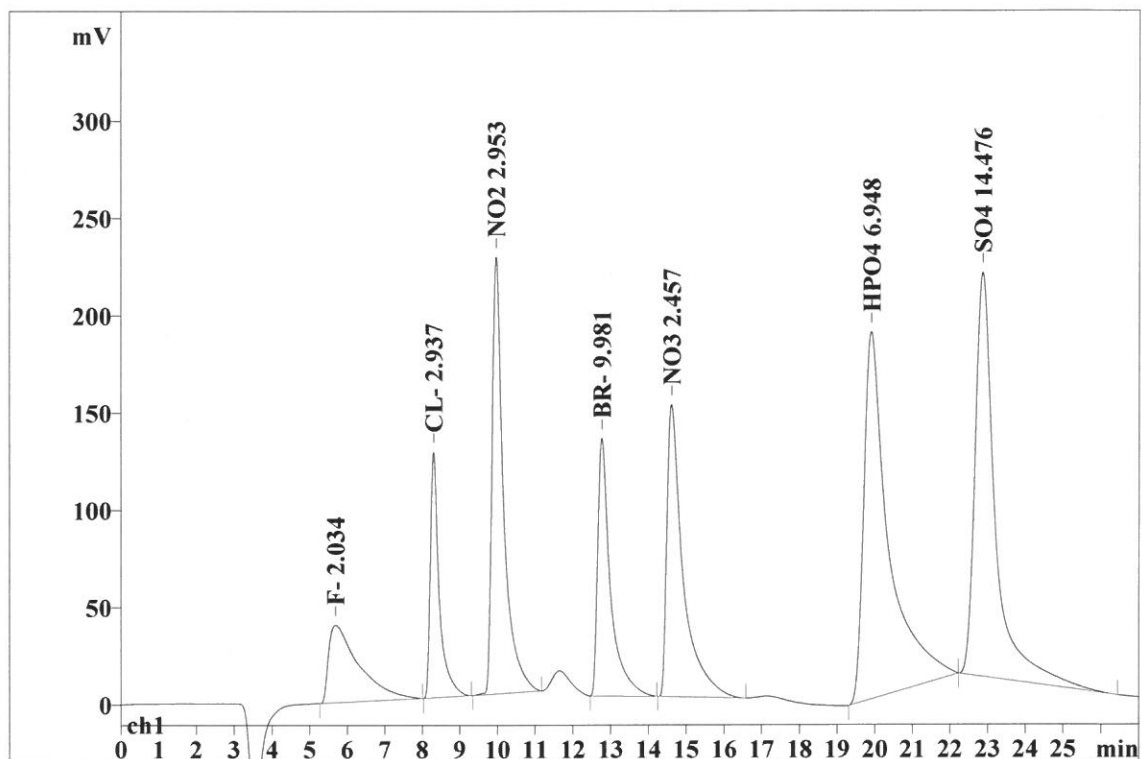
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Analysis from: 11/12/2019 7:25:56 PM
File: _2019-11-12_

Last save: 11/12/2019 7:52:57 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23410

Last save: 11/7/2019 9:07:

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 mV	Height %	Area mV*sec	Area %
1	5.69	0.787	39.87	3.73	2230.666	6.73
2	8.29	0.221	126.49	11.82	2110.433	6.37
3	9.95	0.283	224.54	20.99	4772.072	14.40
4	12.77	0.305	132.51	12.38	3088.392	9.32
5	14.61	0.389	150.13	14.03	4476.252	13.51
6	19.90	0.567	188.78	17.64	8693.309	26.23
7	22.87	0.483	207.58	19.40	7765.434	23.43
7	27.00	0.433	1069.90	100.00	33136.559	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:19:04 PM
Printed by: wet

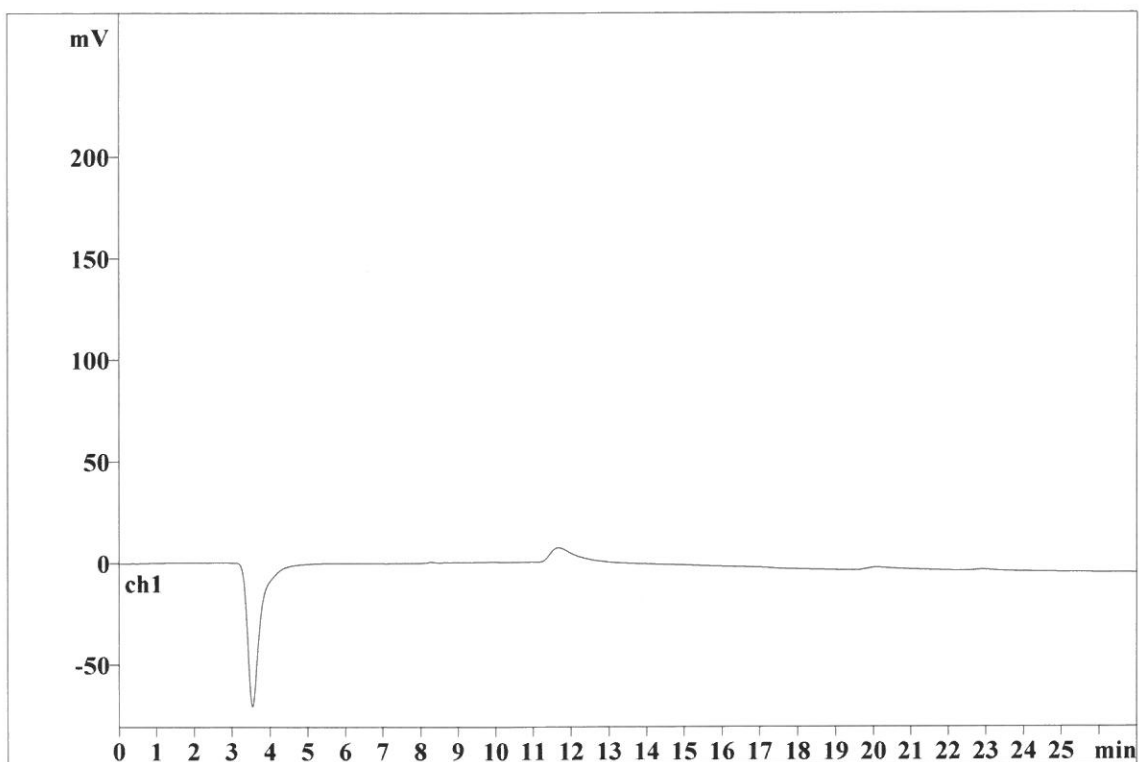
Ident: CCB
Analysis from: 11/12/2019 7:55:52 PM
File: _2019-11-12_

Last save: 11/12/2019 8:22:53 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23411

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 3
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: 11/15/2019 1:19:14 PM
Printed by: wet

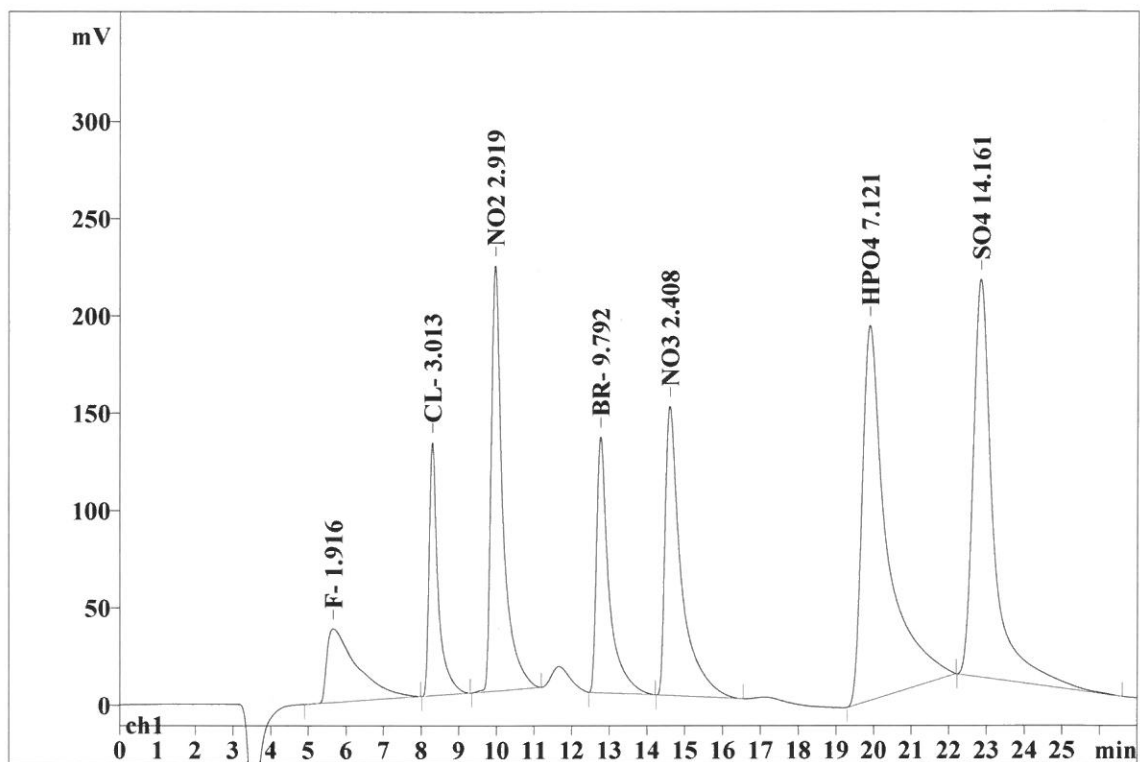
Ident: K5795-01MS
Analysis from: 11/12/2019 8:25:56 PM
File: _2019-11-12_

Last save: 11/12/2019 8:52:56 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23412

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 37
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	5.67	0.767	37.93	3.57	2100.615	6.39
2	8.29	0.220	130.33	12.25	2165.432	6.59
3	9.95	0.287	218.57	20.54	4716.446	14.35
4	12.76	0.301	131.55	12.36	3028.966	9.21
5	14.59	0.385	148.50	13.96	4385.870	13.34
6	19.88	0.568	192.71	18.11	8886.216	27.03
7	22.84	0.482	204.32	19.20	7592.577	23.09
7	27.00	0.430	1063.92	100.00	32876.123	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:19:32 PM
Printed by: wet

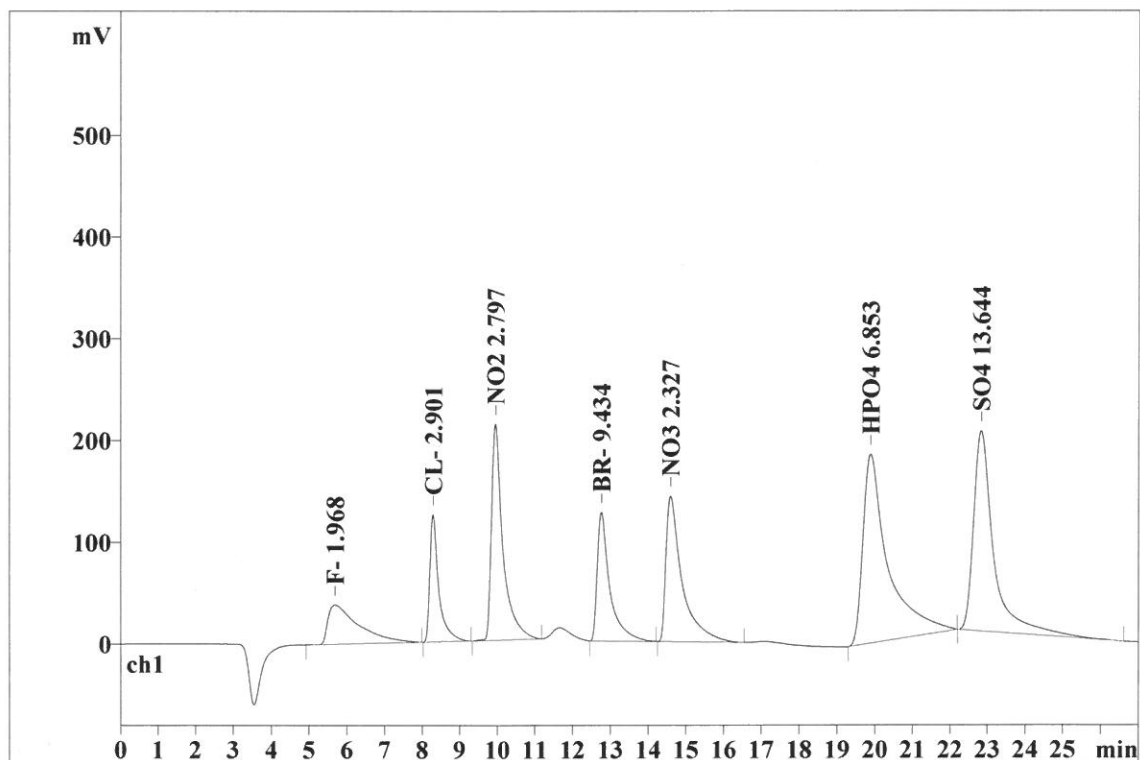
Ident: K5795-01MSD
Analysis from: 11/12/2019 8:55:51 PM
File: _2019-11-12_

Last save: 11/12/2019 9:22:52 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23413

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 38
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	5.69	0.793	38.34	3.73	2158.124	6.78
2	8.28	0.221	124.97	12.17	2084.596	6.55
3	9.94	0.282	212.12	20.65	4515.922	14.20
4	12.76	0.301	126.34	12.30	2916.056	9.17
5	14.59	0.386	142.93	13.92	4239.063	13.33
6	19.88	0.569	185.78	18.09	8586.476	26.99
7	22.83	0.482	196.52	19.13	7308.256	22.98
7	27.00	0.433	1026.99	100.00	31808.494	100.00

This report has been created by IC Net
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Report date: 11/15/2019 1:19:47 PM
Printed by: wet

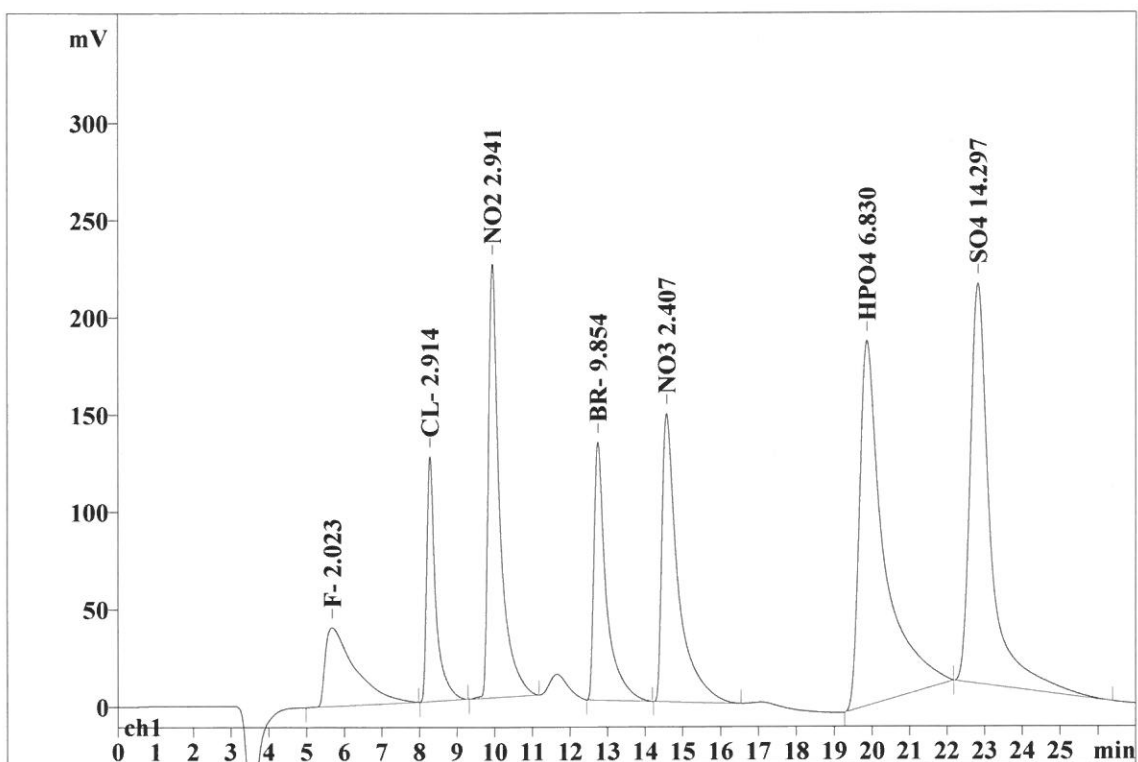
Ident: CCV
Analysis from: 11/12/2019 9:25:54 PM
File: _2019-11-12_

Last save: 11/12/2019 9:52:55 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23414

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 46
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	5.68	0.770	40.43	3.80	2218.690	6.78
2	8.27	0.220	125.87	11.84	2094.219	6.40
3	9.92	0.281	223.01	20.97	4751.560	14.52
4	12.74	0.300	132.56	12.47	3048.429	9.32
5	14.57	0.385	148.17	13.94	4383.800	13.40
6	19.86	0.561	187.60	17.64	8561.583	26.16
7	22.82	0.482	205.60	19.34	7666.944	23.43
7	27.00	0.428	1063.23	100.00	32725.225	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:19:57 PM
Printed by: wet

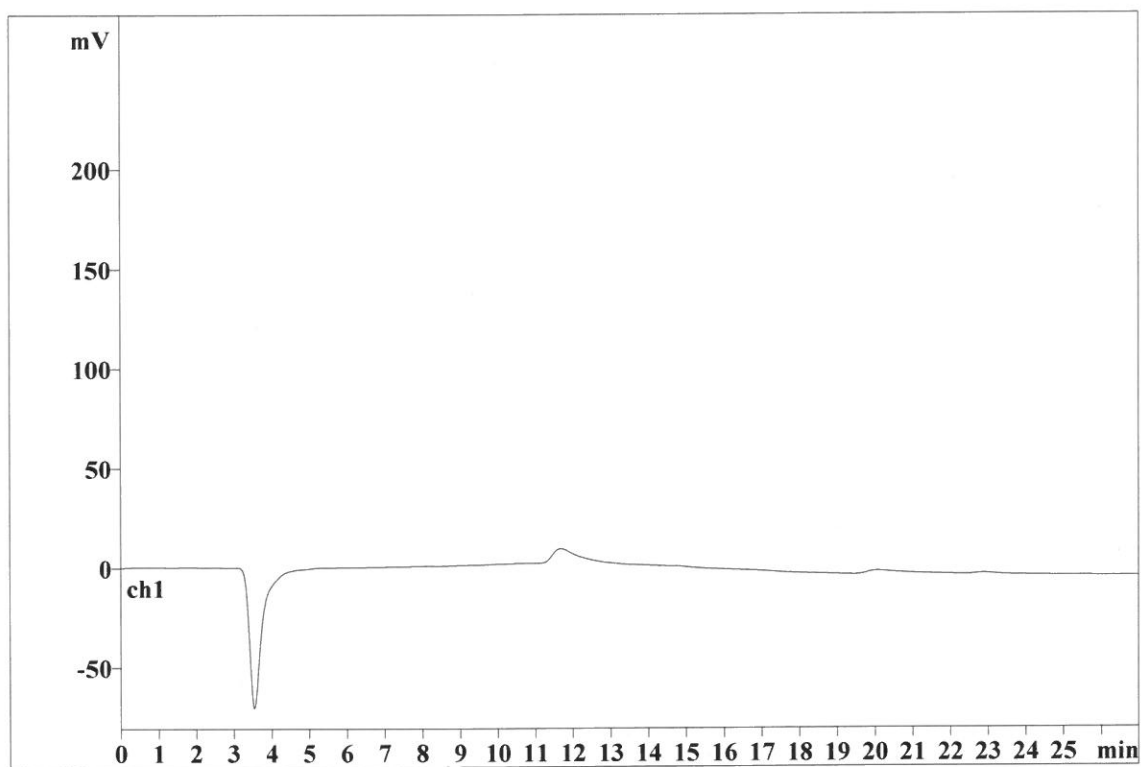
Ident: CCB
Analysis from: 11/12/2019 9:55:51 PM
File: _2019-11-12_

Last save: 11/12/2019 10:22:51 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23415

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 47
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: 11/15/2019 1:20:15 PM
Printed by: wet

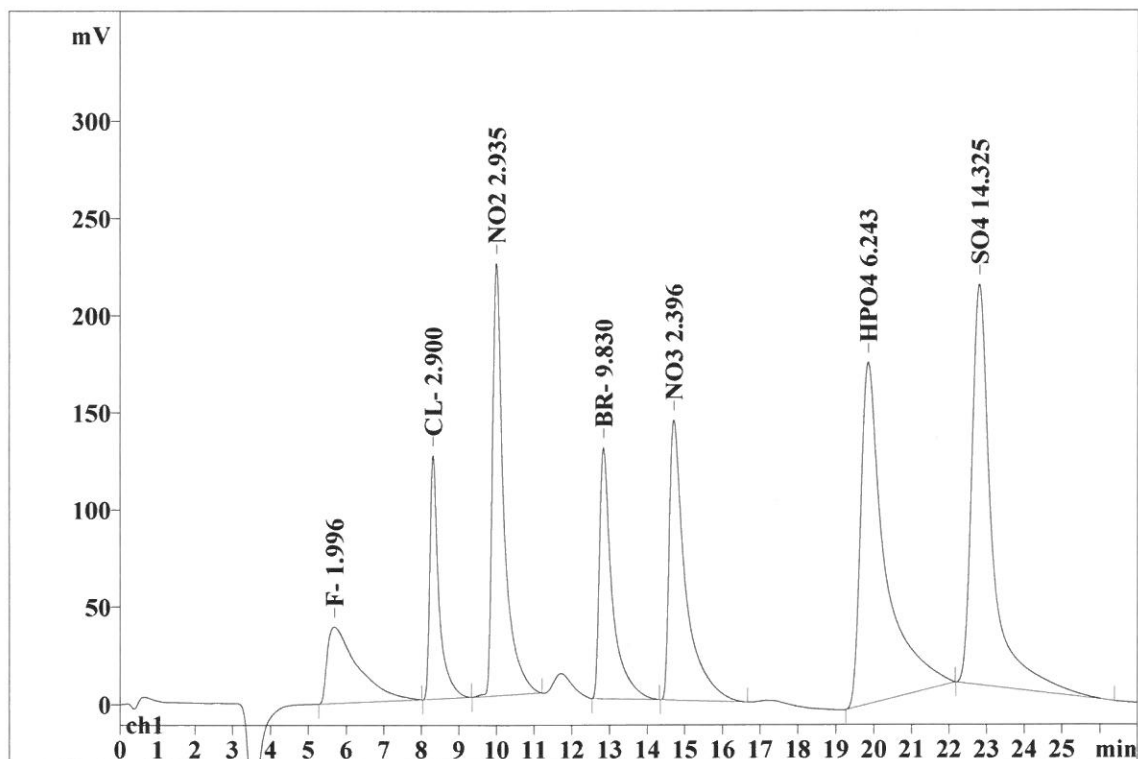
Ident: CCV
Analysis from: 11/13/2019 10:40:01 AM
File: _2019-11-13_

Last save: 11/13/2019 11:07:02 AM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23422

Last save: 11/7/2019 9:07:

SAMPLE:
: CT/AP
Vial number: 2
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	5.69	0.784	39.24	3.77	2189.114	6.84
2	8.30	0.220	125.19	12.01	2083.705	6.51
3	9.98	0.282	222.47	21.35	4742.968	14.82
4	12.83	0.307	129.14	12.39	3040.908	9.50
5	14.70	0.394	144.16	13.83	4363.675	13.63
6	19.84	0.549	175.90	16.88	7906.339	24.70
7	22.80	0.476	206.02	19.77	7682.447	24.00
7	27.00	0.430	1042.12	100.00	32009.155	100.00

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Report date: 11/15/2019 1:20:25 PM
Printed by: wet

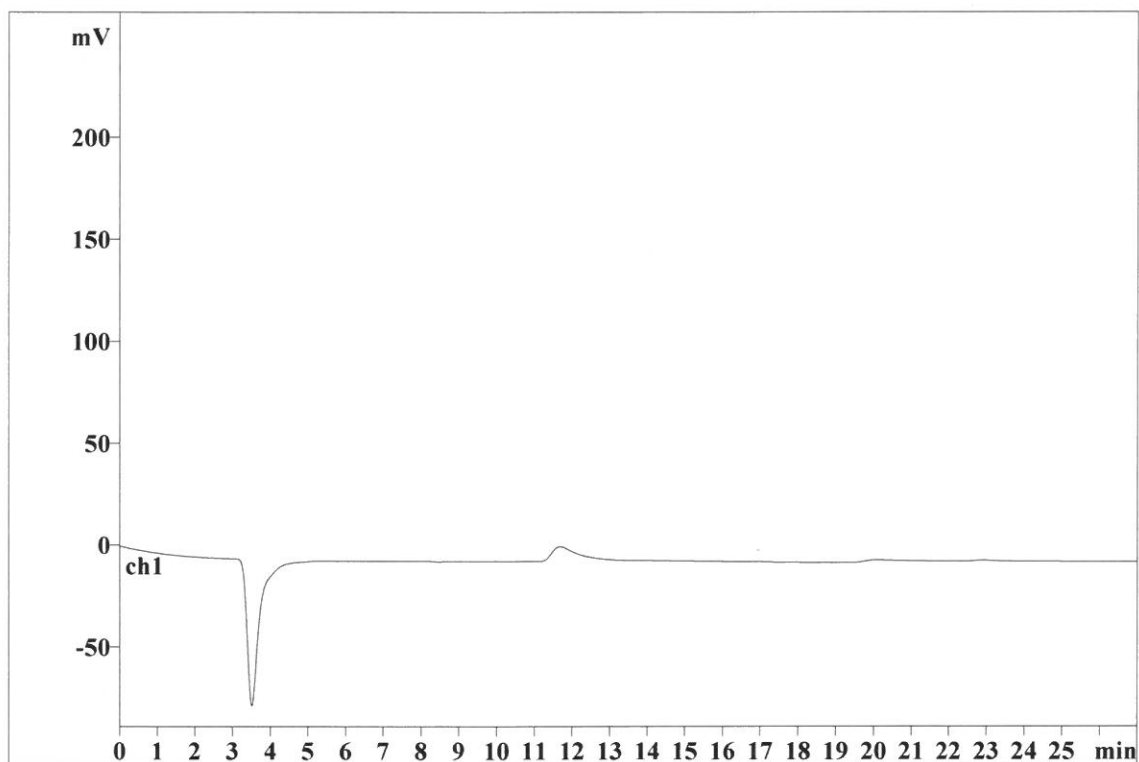
Ident: CCB
Analysis from: 11/13/2019 11:12:33 AM
File: _2019-11-13_

Last save: 11/13/2019 11:39:33 AM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23423

Last save: 11/7/2019 9:07:

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: 11/15/2019 1:20:36 PM
Printed by: wet

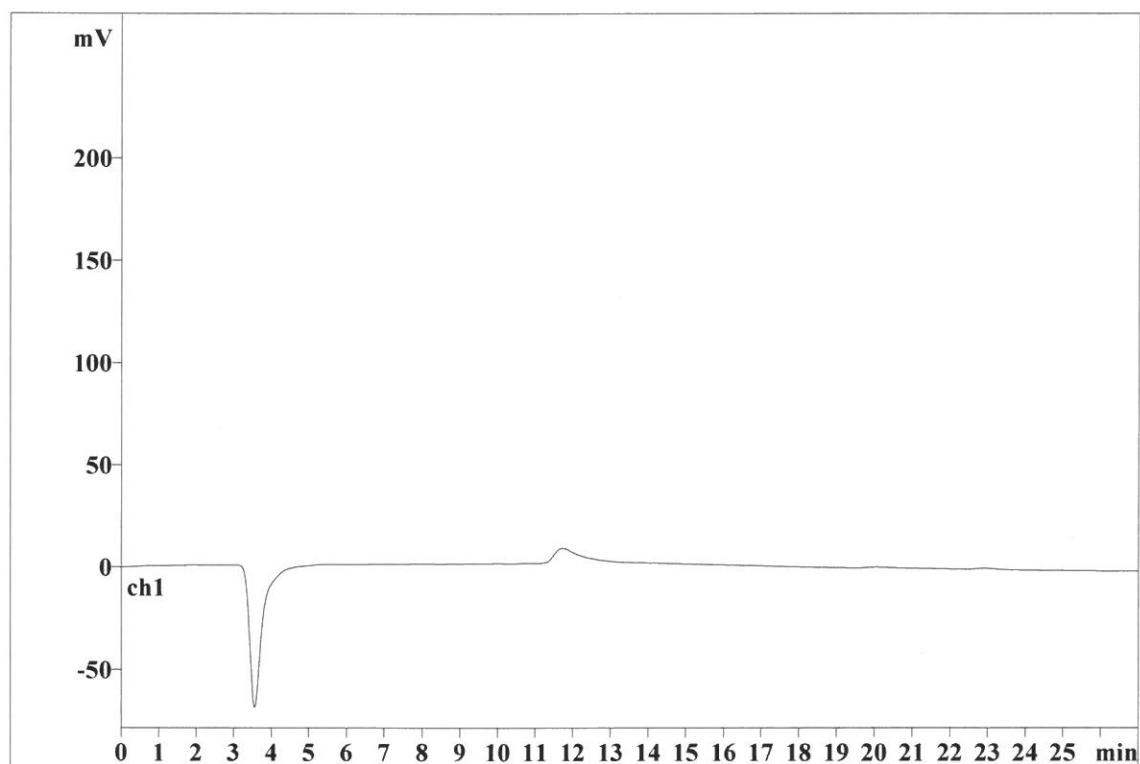
Ident: LB106229BLW2
Analysis from: 11/13/2019 11:42:29 AM
File: _2019-11-13_

Last save: 11/13/2019 12:09:29 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23424

Last save: 11/7/2019 9:07:

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:20:48 PM
Printed by: wet

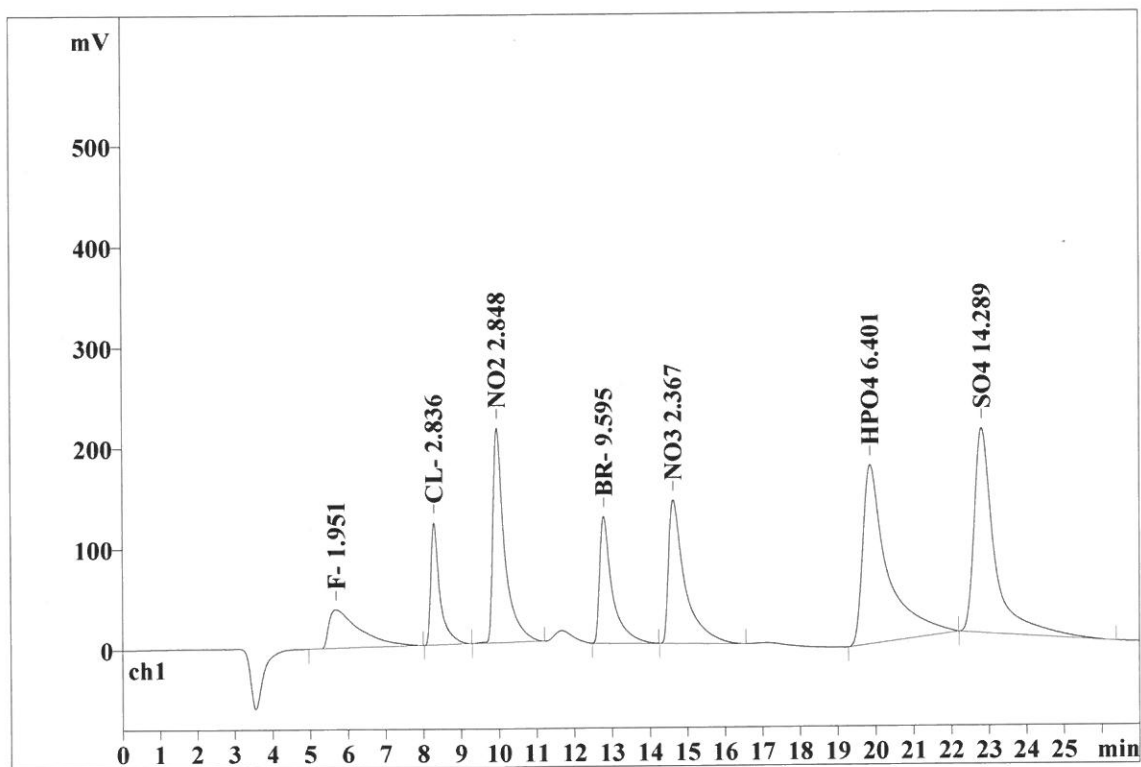
Ident: LB106229BSW2
Analysis from: 11/13/2019 12:12:24 PM
File: _2019-11-13_

Last save: 11/13/2019 12:39:24 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23425

Last save: 11/7/2019 9:07:

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 mV	Height %	Area mV*sec	Area %
1	5.69	0.794	38.14	3.74	2138.936	6.73
2	8.29	0.223	121.06	11.85	2037.690	6.41
3	9.95	0.285	213.12	20.87	4600.088	14.47
4	12.78	0.308	125.67	12.31	2966.844	9.33
5	14.63	0.395	142.47	13.95	4311.904	13.56
6	19.86	0.555	177.64	17.40	8081.887	25.41
7	22.82	0.480	203.03	19.88	7662.800	24.10
7	27.00	0.434	1021.13	100.00	31800.148	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:21:13 PM
Printed by: wet

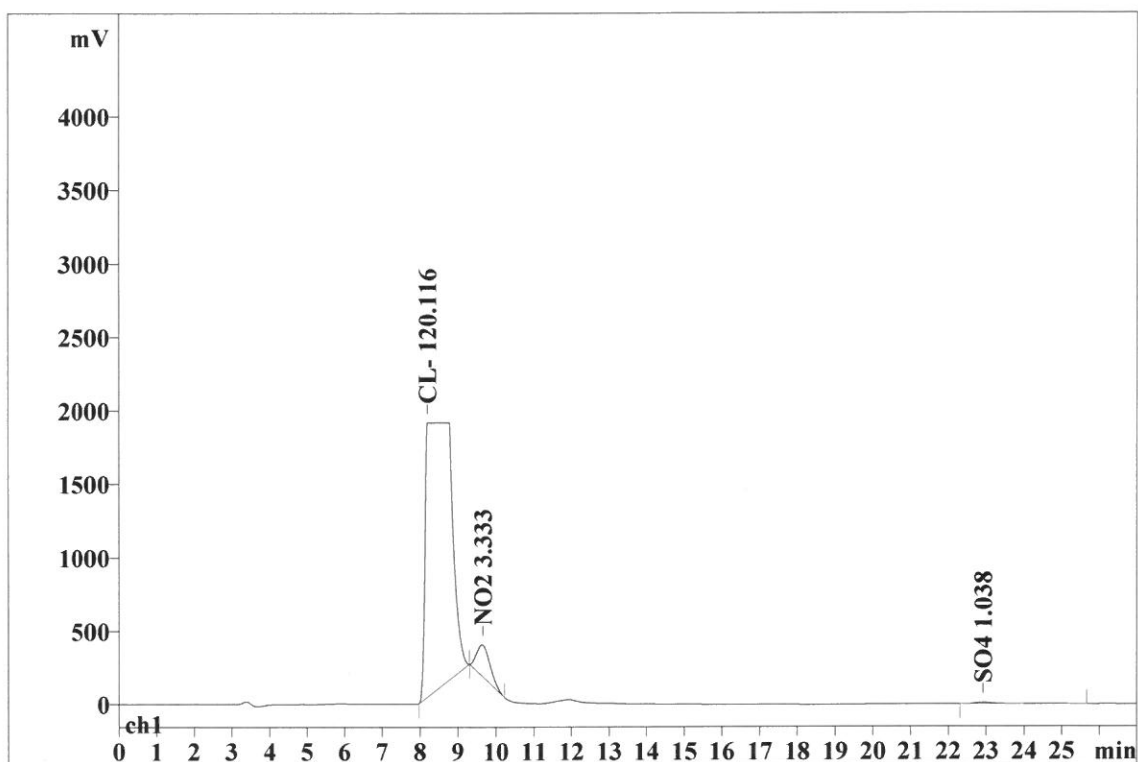
Ident: K5804-01
Analysis from: 11/13/2019 12:45:19 PM
File: _2019-11-13_

Last save: 11/15/2019 1:21:12 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23426

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 48
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	8.19	0.748	1874.89	89.34	86421.144	93.74
3	9.66	0.395	218.42	10.41	5393.004	5.85
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	22.92	0.509	9.64	0.46	381.751	0.41
7	26.99	0.236	2102.96	100.20	92195.899	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:22:07 PM
Printed by: wet

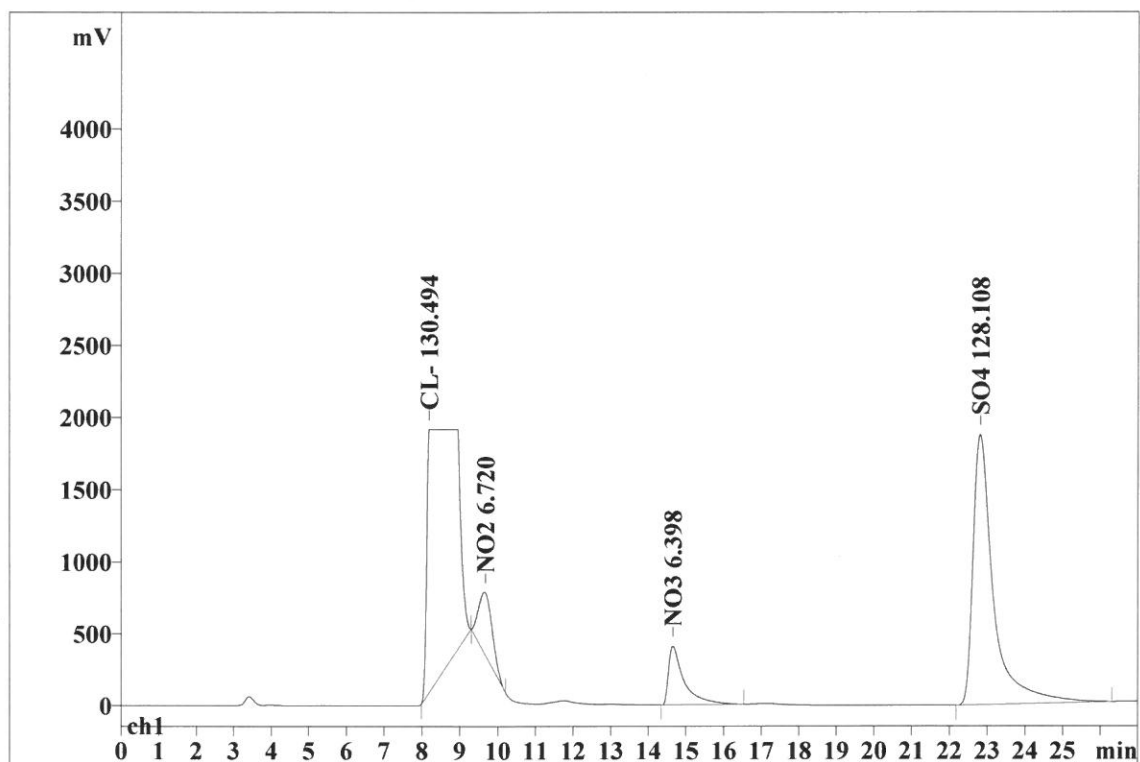
Ident: K5804-04
Analysis from: 11/13/2019 1:15:14 PM
File: _2019-11-13_

Last save: 11/15/2019 1:22:02 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23427

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 49
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	8.18	0.888	1835.00	40.29	93888.165	50.28
3	9.68	0.404	438.29	9.62	10932.429	5.86
4	0.00	0.000	0.00	0.00	0.000	0.00
5	14.65	0.371	408.12	8.96	11689.534	6.26
6	0.00	0.000	0.00	0.00	0.000	0.00
7	22.80	0.490	1875.66	41.19	70205.085	37.60
7	27.00	0.308	4557.07	100.07	186715.214	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:22:29 PM
Printed by: wet

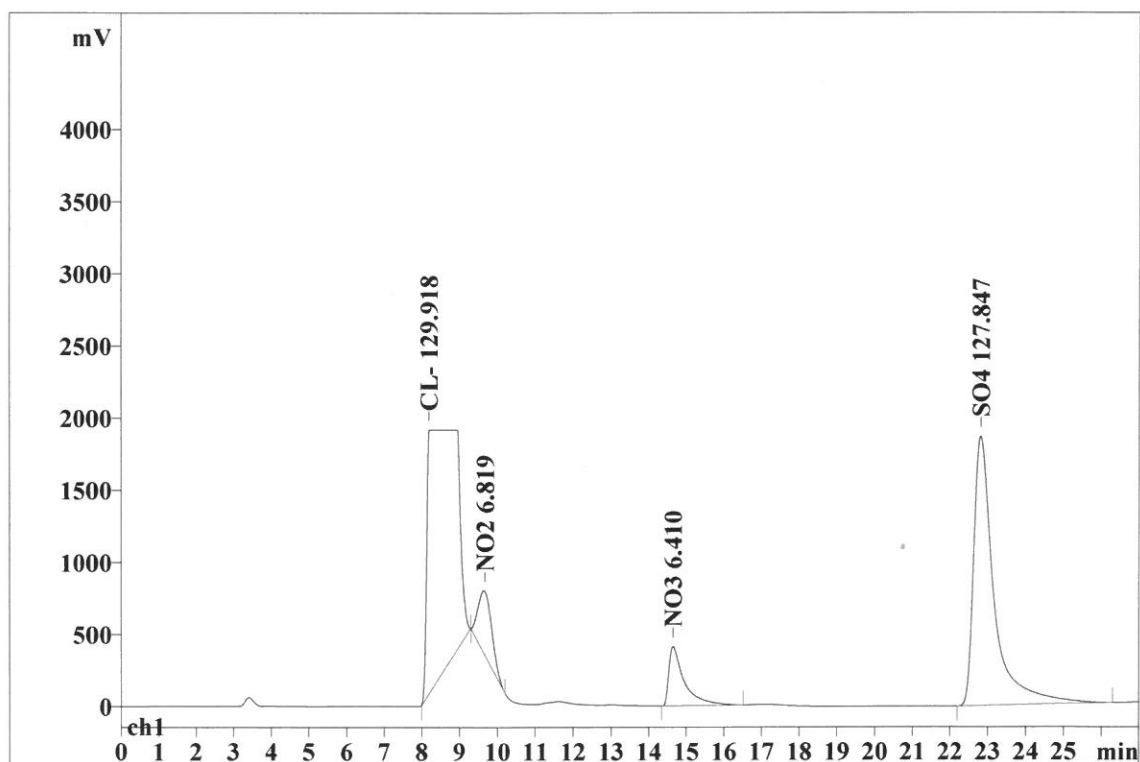
Ident: K5804-04DUP
Analysis from: 11/13/2019 1:45:09 PM
File: _2019-11-13_

Last save: 11/15/2019 1:22:27 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23428

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 50
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	8.19	0.886	1833.87	40.25	93474.033	50.16
3	9.68	0.401	447.89	9.83	11095.307	5.95
4	0.00	0.000	0.00	0.00	0.000	0.00
5	14.65	0.371	409.38	8.99	11711.545	6.28
6	0.00	0.000	0.00	0.00	0.000	0.00
7	22.81	0.491	1867.69	40.99	70061.497	37.60
7	27.00	0.307	4558.83	100.06	186342.382	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:22:48 PM
Printed by: wet

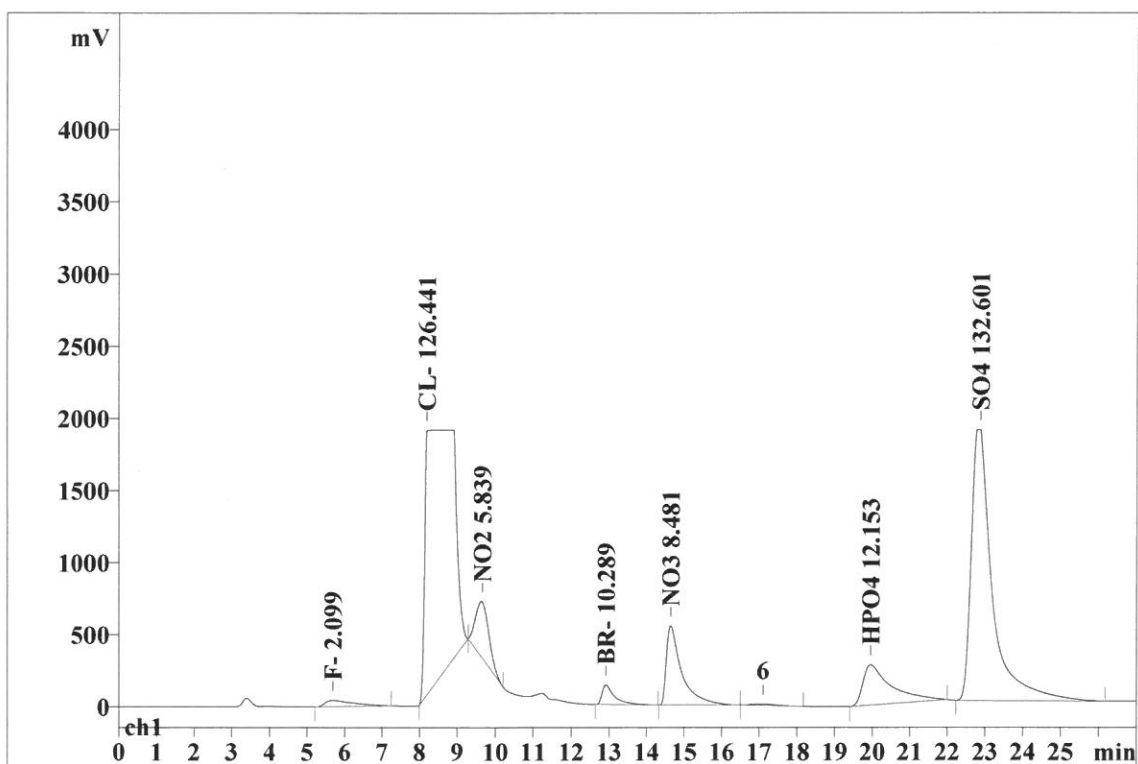
Ident: K5804-04MS
Analysis from: 11/13/2019 2:15:05 PM
File: _2019-11-13_

Last save: 11/13/2019 3:26:22 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23429

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 51
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	5.69	0.802	44.09	0.86	2302.169	1.10
2	8.20	0.845	1839.30	35.92	90972.169	43.52
3	9.66	0.389	389.81	7.61	9491.386	4.54
4	12.92	0.304	136.01	2.66	3185.502	1.52
5	14.64	0.371	547.58	10.69	15503.047	7.42
6	19.96	0.686	278.59	5.44	14503.354	6.94
7	22.86	0.508	1879.13	36.70	72674.089	34.76
7	27.00	0.558	5114.50	99.89	208631.715	99.80

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:23:10 PM
Printed by: wet

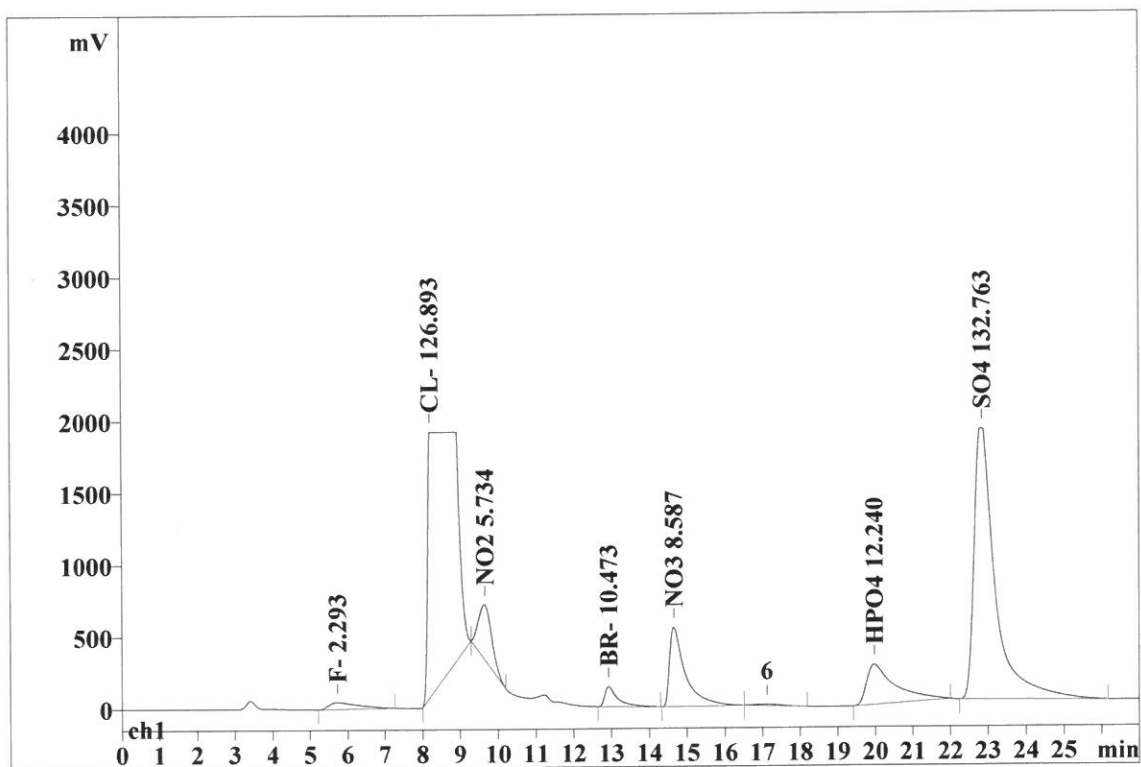
Ident: K5804-04MSD
Analysis from: 11/13/2019 2:45:00 PM
File: _2019-11-13_

Last save: 11/13/2019 3:25:30 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23430

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 52
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	5.73	0.852	46.28	0.90	2515.765	1.20
2	8.21	0.846	1846.27	35.98	91297.658	43.50
3	9.66	0.388	383.55	7.48	9319.496	4.44
4	12.93	0.304	139.60	2.72	3243.472	1.55
5	14.65	0.373	549.82	10.72	15697.281	7.48
6	19.97	0.690	279.42	5.45	14600.406	6.96
7	22.85	0.508	1880.26	36.65	72762.629	34.67
7	27.00	0.566	5125.20	99.89	209436.707	99.80

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Report date: 11/15/2019 1:24:42 PM
Printed by: wet

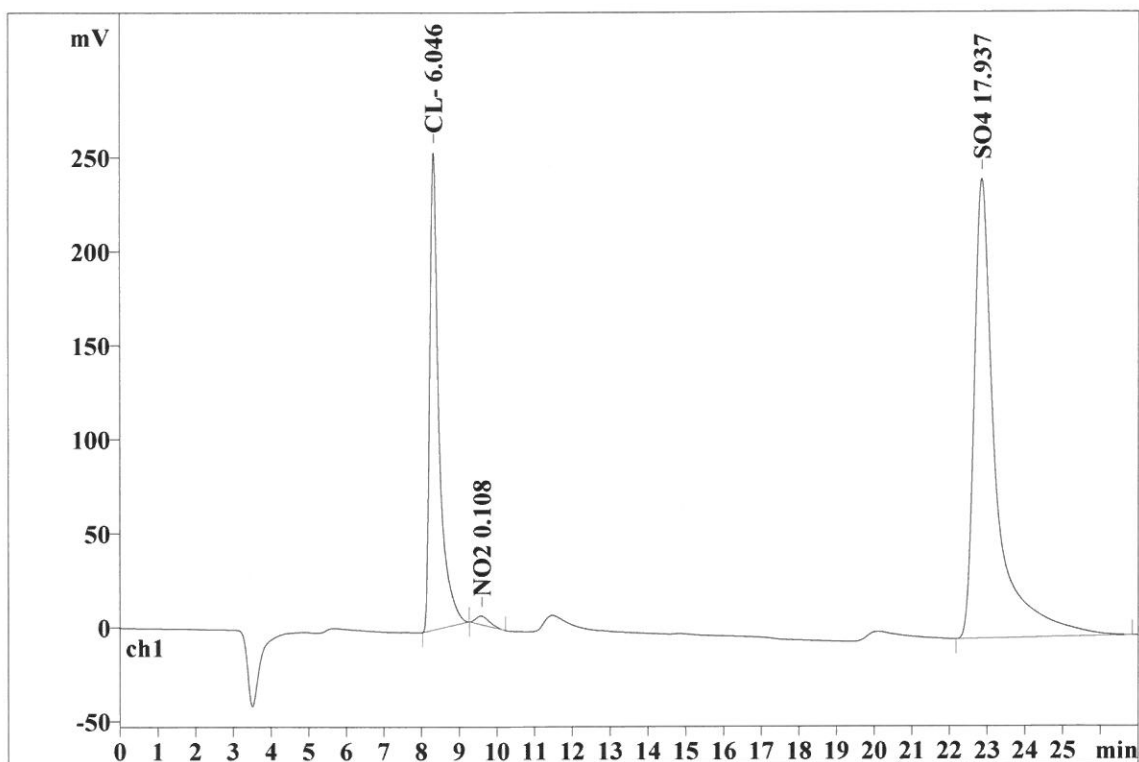
Ident: K5802-01DLX2
Analysis from: 11/13/2019 3:14:56 PM
File: _2019-11-13_

Last save: 11/15/2019 1:24:41 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23431

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 53
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	8.30	0.229	254.04	50.49	4347.319	30.76
3	9.60	0.395	4.71	0.94	118.215	0.84
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	22.86	0.489	244.40	48.57	9667.332	68.40
7	27.00	0.159	503.14	100.00	14132.866	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:24:57 PM
Printed by: wet

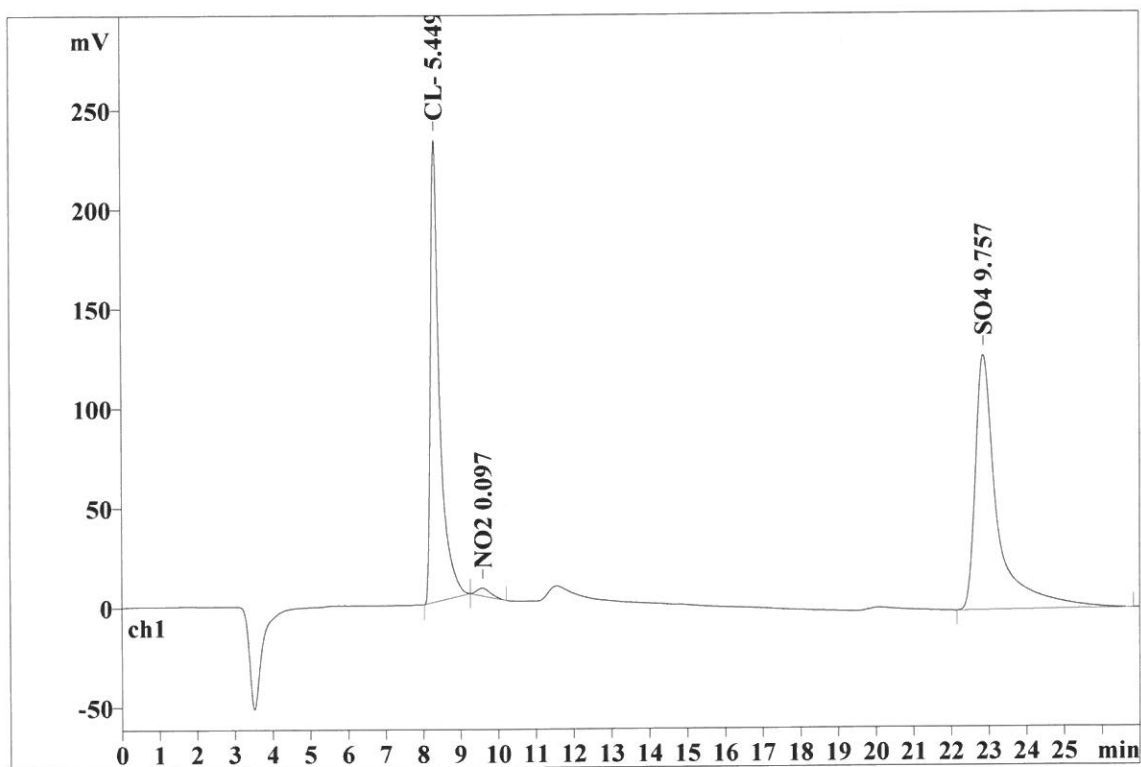
Ident: K5802-02DLX5
Analysis from: 11/13/2019 3:44:52 PM
File: _2019-11-13_

Last save: 11/13/2019 4:11:52 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23432

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 54
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	8.30	0.224	232.04	63.79	3917.807	42.63
3	9.60	0.394	3.98	1.09	99.596	1.08
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	22.86	0.497	127.74	35.12	5172.542	56.28
7	27.00	0.159	363.76	100.00	9189.945	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:25:42 PM
Printed by: wet

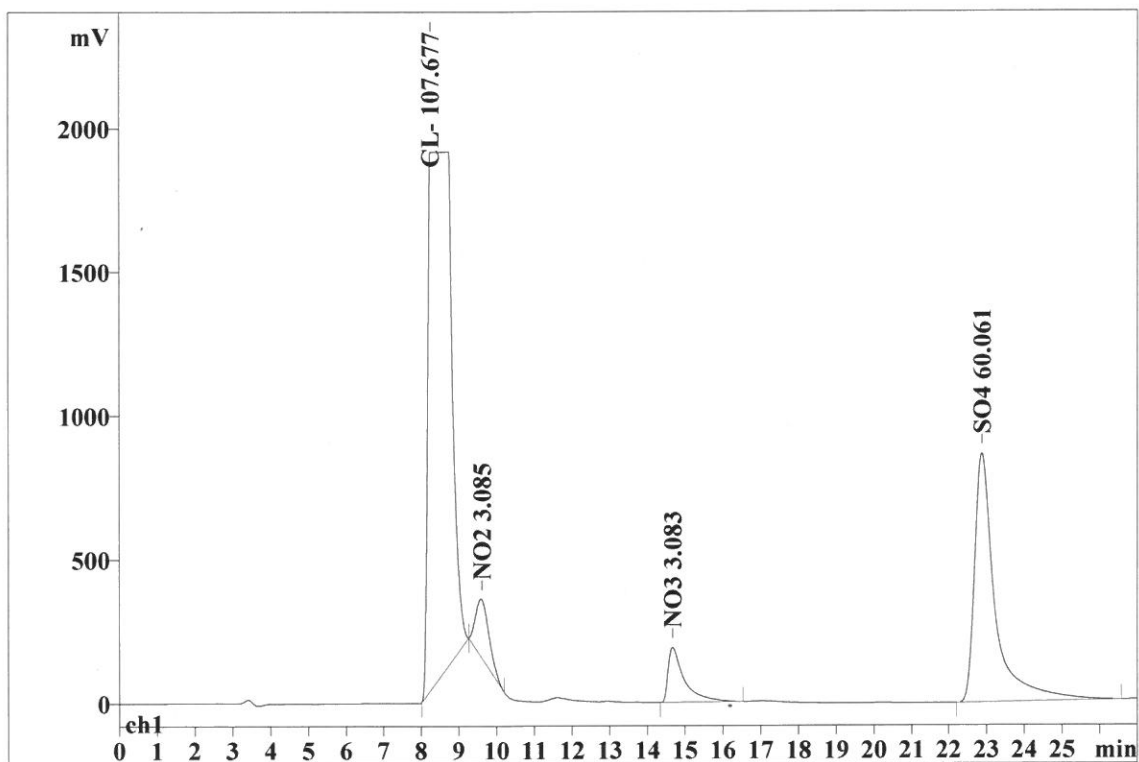
Ident: K5804-04DLX2
Analysis from: 11/13/2019 4:14:57 PM
File: _2019-11-13_

Last save: 11/15/2019 1:25:40 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23433

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 58
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	8.24	0.659	1881.04	60.00	77471.036	64.08
3	9.62	0.388	203.61	6.49	4986.820	4.12
4	0.00	0.000	0.00	0.00	0.000	0.00
5	14.67	0.384	190.65	6.08	5621.652	4.65
6	0.00	0.000	0.00	0.00	0.000	0.00
7	22.88	0.481	864.53	27.58	32813.718	27.14
7	27.00	0.273	3139.83	100.15	120893.226	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:25:55 PM
Printed by: wet

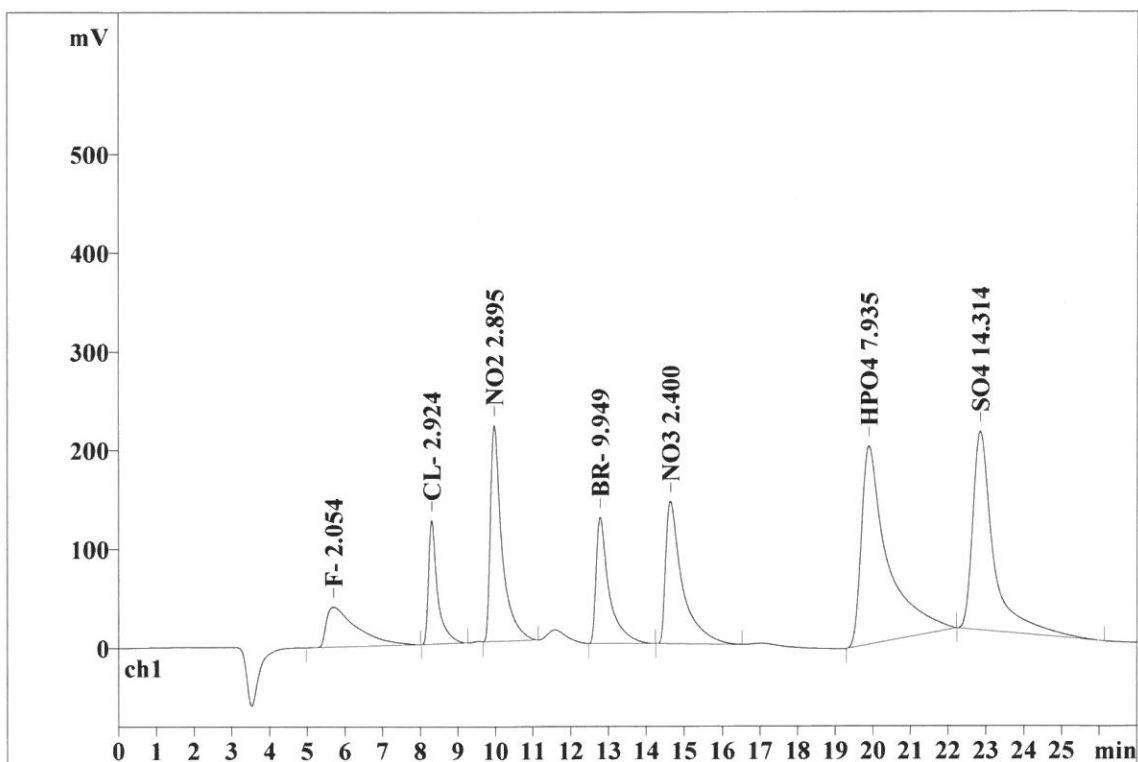
Ident: CCV
Analysis from: 11/13/2019 4:44:59 PM
File: _2019-11-13_

Last save: 11/13/2019 5:11:59 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23434

Last save: 11/7/2019 9:07:

SAMPLE:
: CT/AP
Vial number: 2
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	5.70	0.799	40.26	3.81	2253.292	6.64
2	8.30	0.222	125.11	11.84	2101.304	6.19
3	9.96	0.285	218.59	20.69	4676.966	13.78
4	12.78	0.314	127.73	12.09	3078.276	9.07
5	14.64	0.398	143.83	13.61	4371.056	12.87
6	19.89	0.599	200.56	18.98	9794.904	28.85
7	22.85	0.487	200.64	18.99	7676.457	22.61
7	27.00	0.443	1056.72	100.00	33952.256	100.00

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Report date: 11/15/2019 1:26:12 PM
Printed by: wet

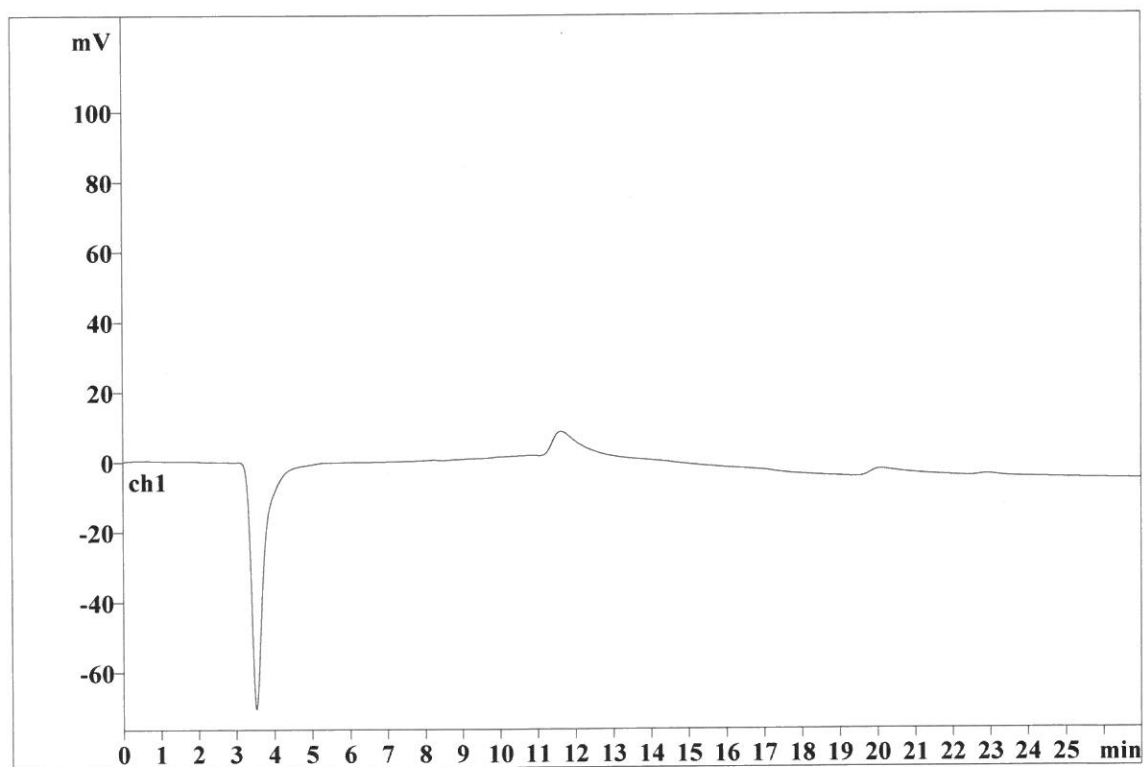
Ident: CCB
Analysis from: 11/13/2019 5:14:55 PM
File: _2019-11-13_

Last save: 11/15/2019 1:26:11 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23435

Last save: 11/7/2019 9:07:

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: 11/15/2019 1:26:43 PM
Printed by: wet

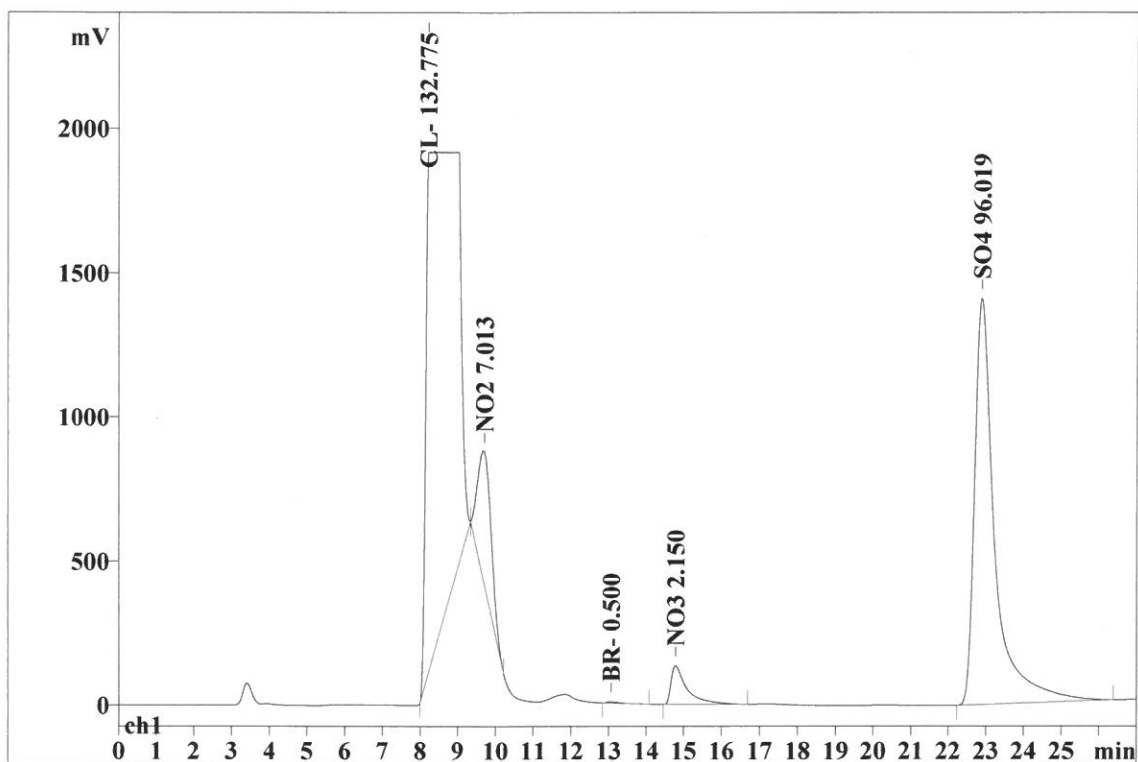
Ident: K5828-01
Analysis from: 11/13/2019 5:44:58 PM
File: _2019-11-13_

Last save: 11/14/2019 8:20:31 AM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23436

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 63
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	8.19	0.934	1822.72	47.64	95529.305	58.42
3	9.71	0.404	460.59	12.04	11412.514	6.98
4	13.06	0.281	5.17	0.14	102.407	0.06
5	14.78	0.379	133.99	3.50	3913.341	2.39
6	0.00	0.000	0.00	0.00	0.000	0.00
7	22.88	0.484	1408.75	36.82	52572.735	32.15
7	27.00	0.355	3831.22	100.13	163530.302	100.00

This report has been created by IC Net
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Report date: 11/15/2019 1:27:09 PM
Printed by: wet

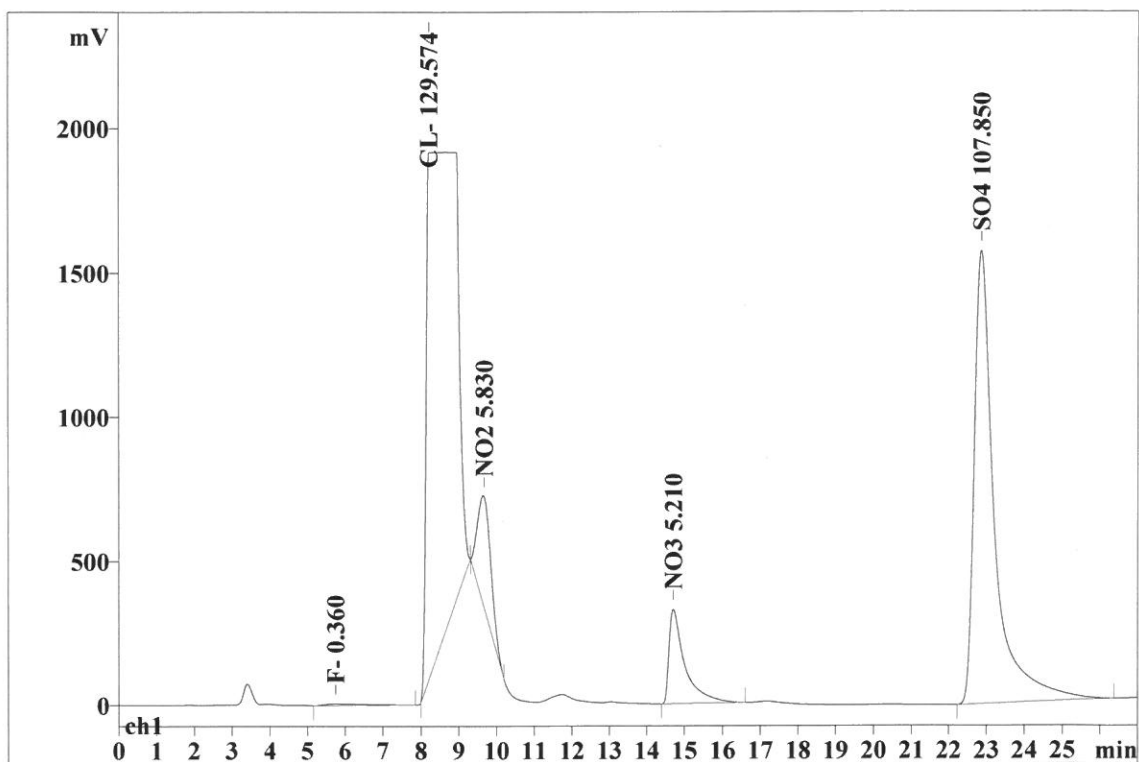
Ident: K5828-02
Analysis from: 11/13/2019 6:14:53 PM
File: _2019-11-13_

Last save: 11/15/2019 1:27:07 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23437

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 64
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	5.75	1.049	5.66	0.14	384.282	0.22
2	8.19	0.874	1837.82	44.53	93226.267	54.30
3	9.68	0.396	387.05	9.38	9477.254	5.52
4	0.00	0.000	0.00	0.00	0.000	0.00
5	14.71	0.375	327.23	7.93	9514.850	5.54
6	0.00	0.000	0.00	0.00	0.000	0.00
7	22.87	0.488	1572.32	38.10	59073.733	34.41
7	27.00	0.455	4130.07	100.07	171676.385	100.00

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Report date: 11/15/2019 1:27:28 PM
Printed by: wet

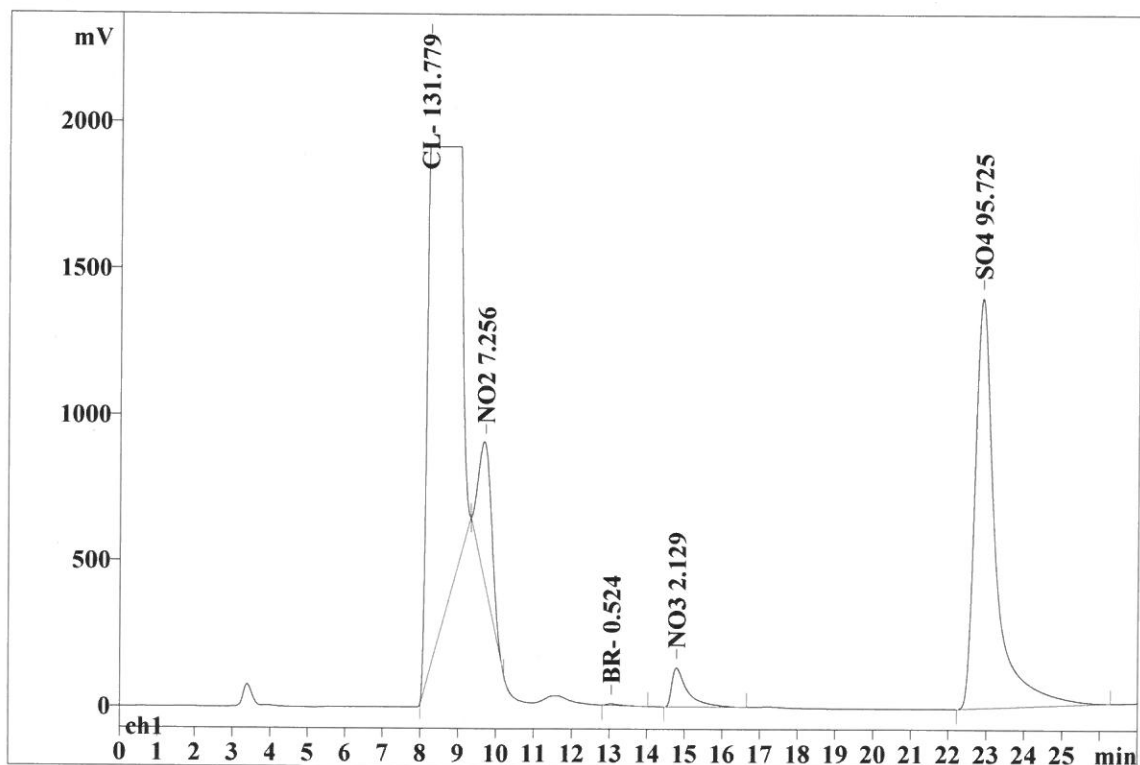
Ident: K5828-03
Analysis from: 11/13/2019 6:44:50 PM
File: _2019-11-13_

Last save: 11/14/2019 8:21:03 AM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23438

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 65
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	8.19	0.932	1817.60	47.37	94813.010	58.16
3	9.70	0.400	481.07	12.54	11809.270	7.24
4	13.05	0.289	5.33	0.14	109.928	0.07
5	14.78	0.379	133.20	3.47	3874.888	2.38
6	0.00	0.000	0.00	0.00	0.000	0.00
7	22.87	0.486	1402.15	36.54	52411.123	32.15
7	27.00	0.355	3839.36	100.06	163018.219	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:28:19 PM
Printed by: wet

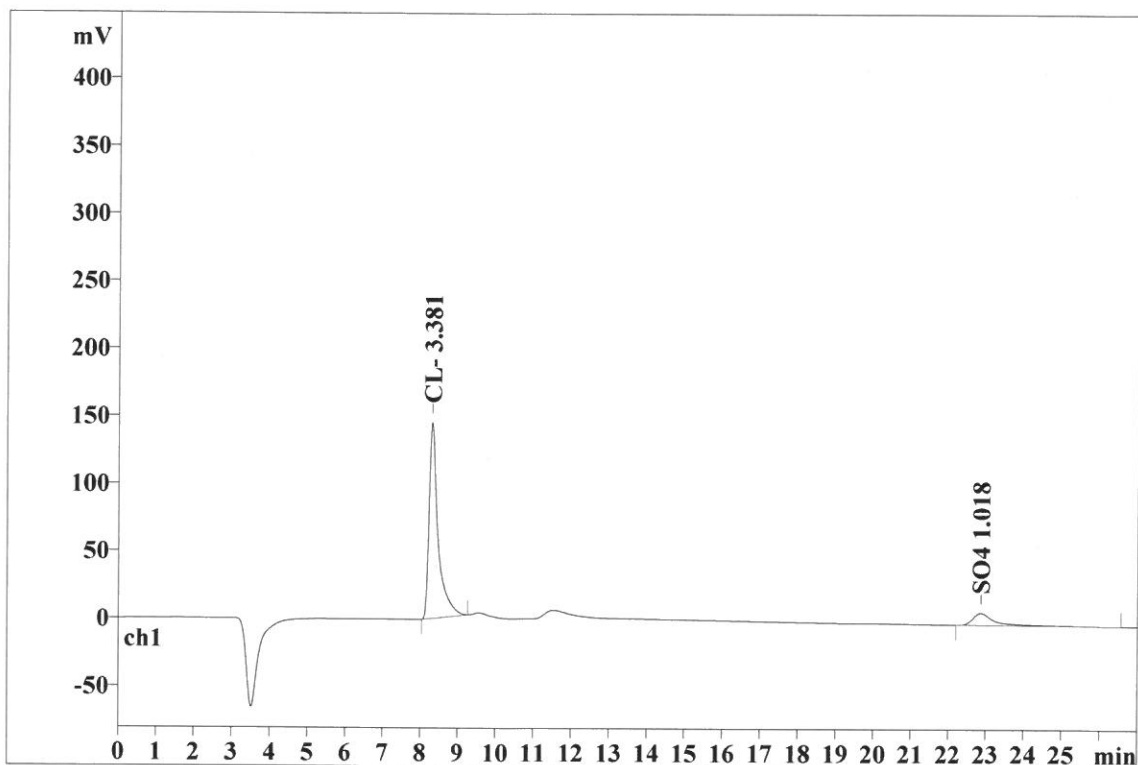
Ident: K5802-03DLX50
Analysis from: 11/13/2019 7:14:52 PM
File: _2019-11-13_

Last save: 11/15/2019 1:28:18 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23439

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 55
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	8.30	0.221	144.79	94.16	2430.025	86.77
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	22.87	0.513	8.97	5.84	370.522	13.23
7	27.00	0.105	153.77	100.00	2800.547	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:29:10 PM
Printed by: wet

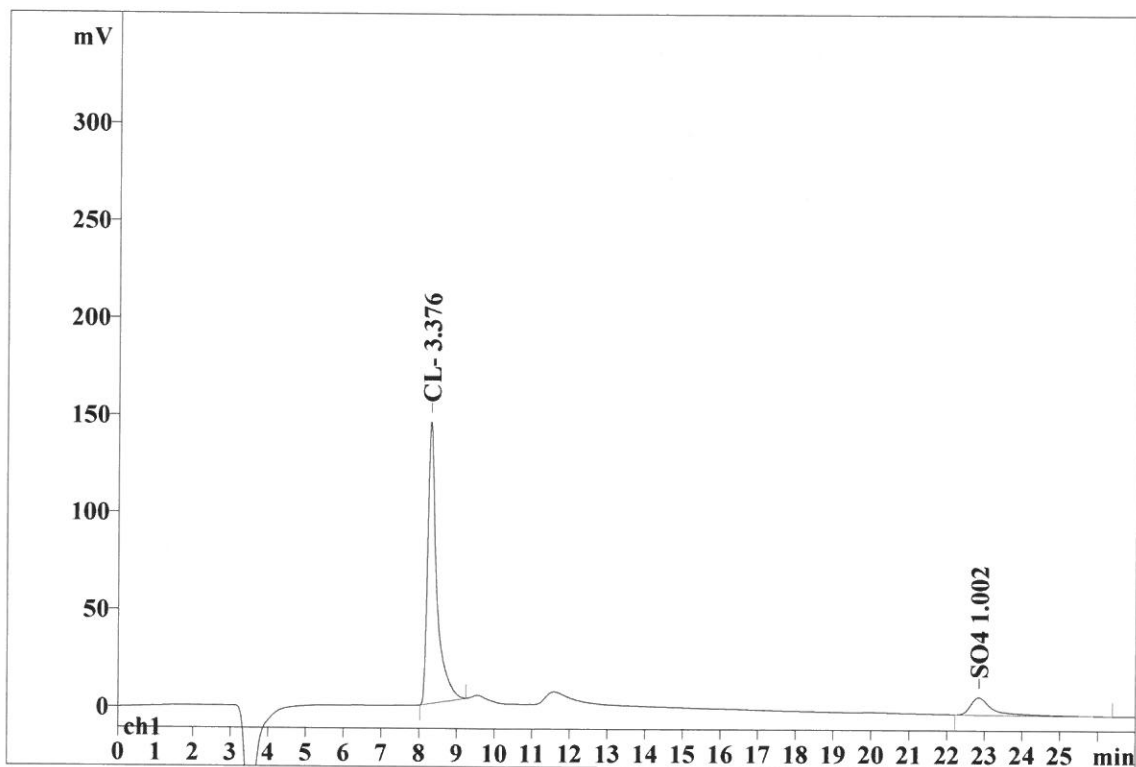
Ident: K5802-04DLX50
Analysis from: 11/13/2019 7:44:48 PM
File: _2019-11-13_

Last save: 11/15/2019 1:29:10 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23440

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 56
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	8.29	0.220	144.88	94.21	2426.576	87.02
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	22.85	0.511	8.91	5.79	361.798	12.98
7	27.00	0.104	153.79	100.00	2788.374	100.00

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Report date: 11/15/2019 1:29:28 PM
Printed by: wet

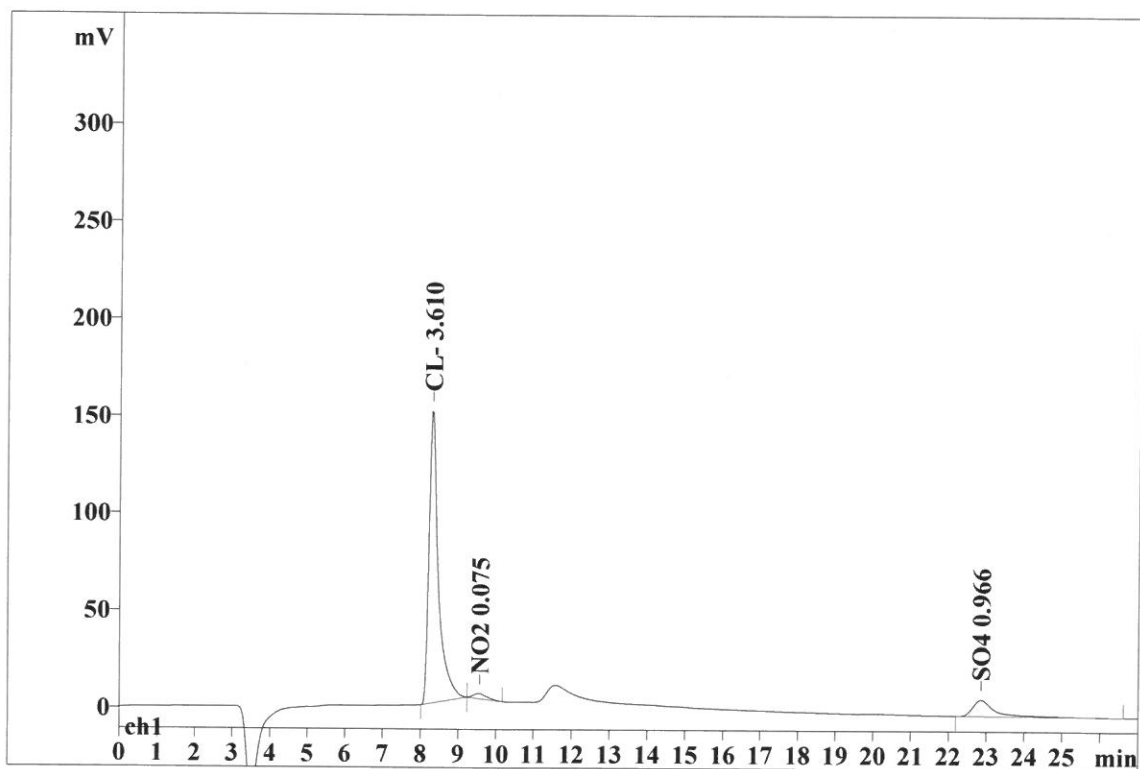
Ident: K5802-06DLX5
Analysis from: 11/13/2019 8:14:43 PM
File: _2019-11-13_

Last save: 11/13/2019 8:41:44 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23441

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 57
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	8.28	0.231	150.24	93.17	2594.408	86.45
3	9.57	0.390	2.62	1.62	64.866	2.16
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	22.86	0.513	8.39	5.20	341.716	11.39
7	27.00	0.162	161.24	100.00	3000.990	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:29:40 PM
Printed by: wet

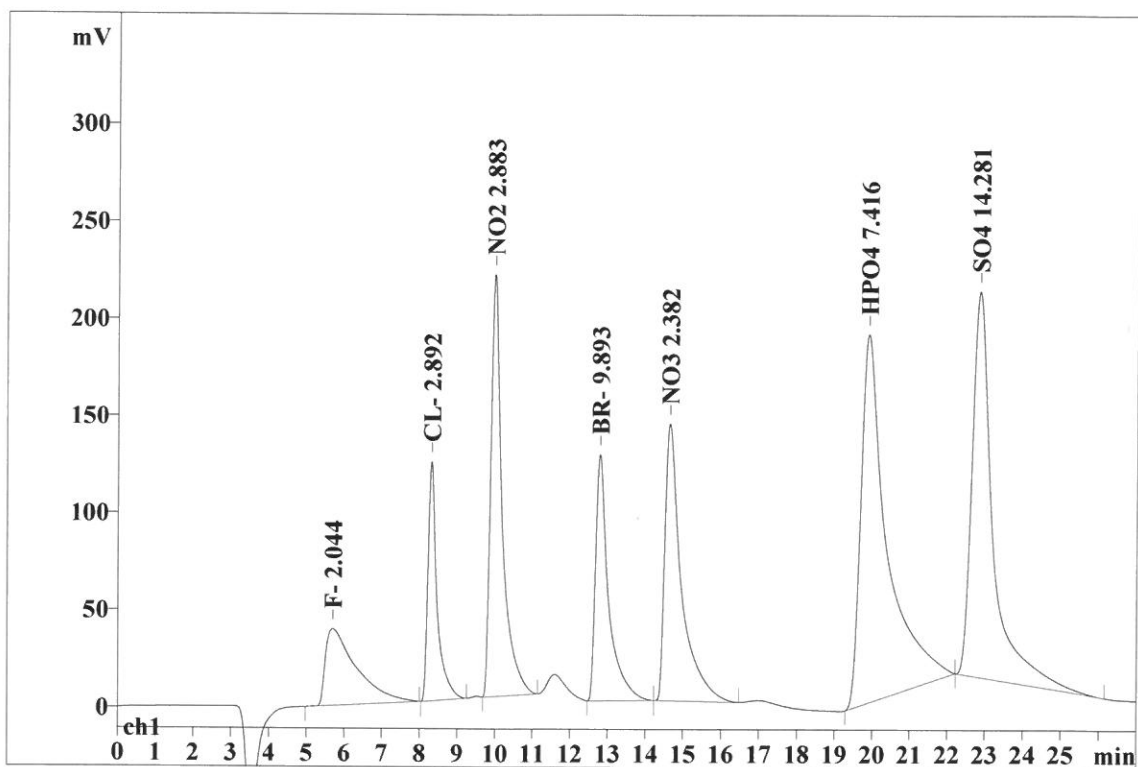
Ident: CCV
Analysis from: 11/13/2019 8:44:41 PM
File: _2019-11-13_

Last save: 11/13/2019 9:11:41 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23442

Last save: 11/7/2019 9:07:

SAMPLE:
: CT/AP
Vial number: 61
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	5.70	0.818	39.29	3.79	2241.867	6.74
2	8.29	0.223	123.22	11.88	2078.045	6.25
3	9.95	0.286	217.03	20.93	4657.342	14.01
4	12.77	0.315	126.63	12.21	3060.807	9.21
5	14.63	0.399	142.45	13.74	4339.564	13.05
6	19.88	0.596	189.70	18.30	9214.959	27.71
7	22.84	0.490	198.51	19.15	7658.148	23.03
7	27.00	0.447	1036.82	100.00	33250.732	100.00

This report has been created by IC Net
METROHM LTD

Report date: 11/15/2019 1:29:50 PM
Printed by: wet

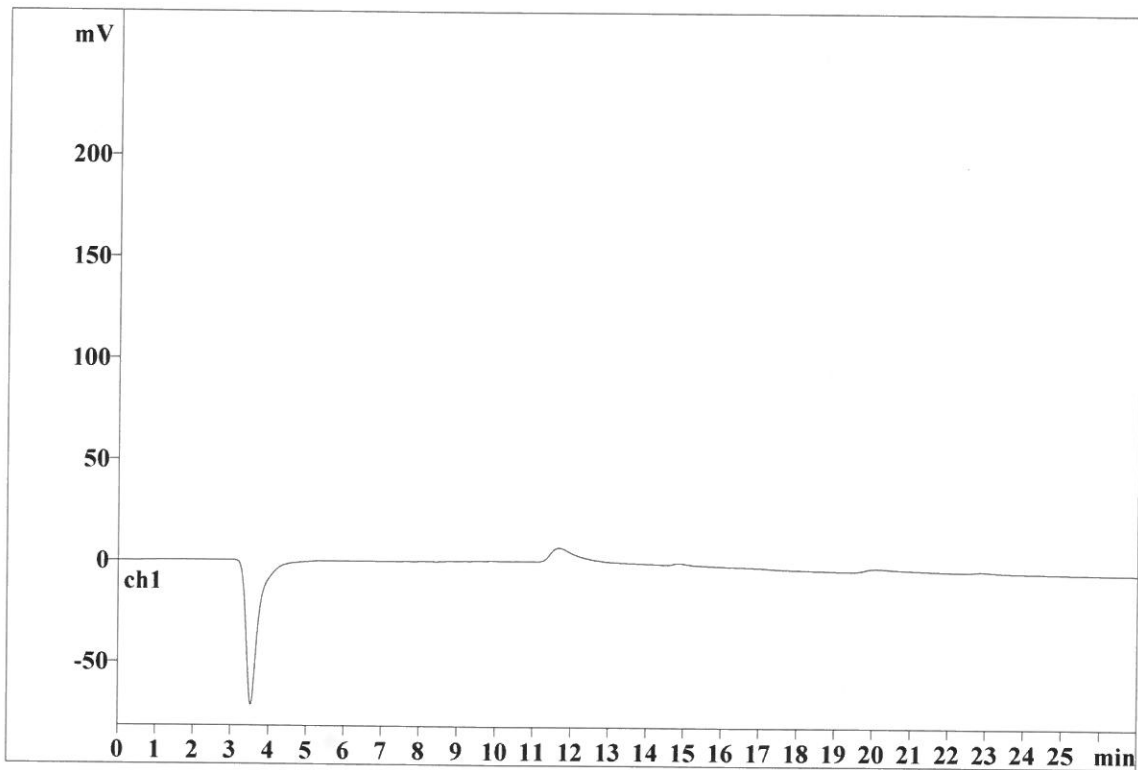
Ident: CCB
Analysis from: 11/13/2019 9:14:38 PM
File: _2019-11-13_

Last save: 11/13/2019 9:41:38 PM

Method: AnionsIC2-110419.mtw
Run operator: wet
Analysis number: 23443

Last save: 11/7/2019 9:07:

SAMPLE:
: AK/AP
Vial number: 62
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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