

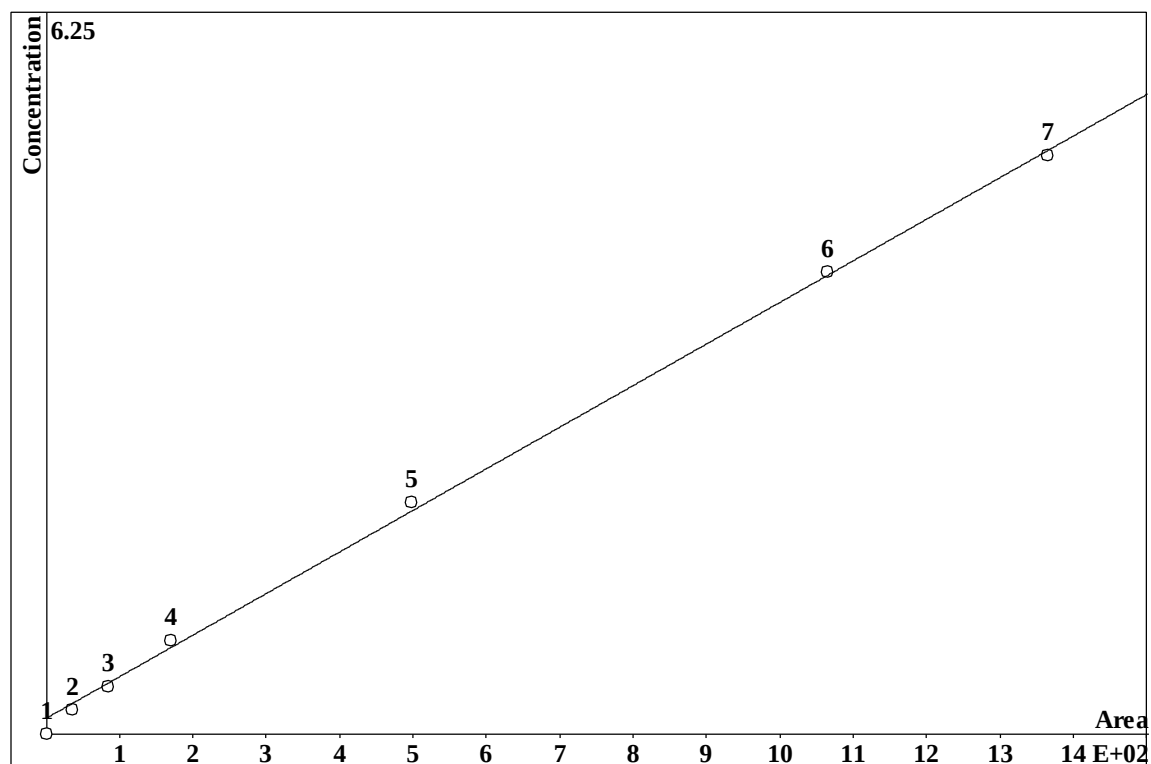
IC-2 9056 A  
02-18-20 AK

Clear table

| ident       | concentra<br>tion F- | concentrati<br>on CL- | concentrati<br>on NO2 | concentrati<br>on BR- | concentrati<br>on NO3 | concentrati<br>on HPO4 | concentrati<br>on SO4 | file name    | date time     | Initial wt/<br>Final Vol | Analyst |
|-------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|--------------|---------------|--------------------------|---------|
| STD1        | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2020-02-14_ | 2/14/20 14:03 |                          | AK/AP   |
| STD2        | 0.2650               | 0.3860                | 0.3860                | 1.2720                | 0.3220                | 0.5180                 | 2.0150                | _2020-02-14_ | 2/14/20 14:35 |                          | AK/AP   |
| STD3        | 0.4380               | 0.6510                | 0.6480                | 2.1660                | 0.5470                | 1.0170                 | 3.3100                | _2020-02-14_ | 2/14/20 15:06 |                          | AK/AP   |
| STD4        | 0.7460               | 1.1780                | 1.1830                | 3.9520                | 0.9760                | 1.9960                 | 5.8780                | _2020-02-14_ | 2/14/20 15:38 |                          | AK/AP   |
| STD5        | 1.9280               | 2.8520                | 2.8600                | 9.5030                | 2.3740                | 4.9630                 | 14.0880               | _2020-02-14_ | 2/14/20 16:09 |                          | AK/AP   |
| STD6        | 3.9700               | 5.9240                | 5.8930                | 19.7330               | 4.9430                | 9.9670                 | 29.5870               | _2020-02-14_ | 2/14/20 16:41 |                          | AK/AP   |
| STD7        | 5.0520               | 7.6090                | 7.6290                | 25.3730               | 6.3370                | 12.5390                | 38.1220               | _2020-02-14_ | 2/14/20 17:13 |                          | AK/AP   |
| ICV         | 1.9320               | 2.8560                | 2.8810                | 9.5320                | 2.3970                | 5.0010                 | 14.1160               | _2020-02-14_ | 2/14/20 17:44 |                          | AK/AP   |
| ICB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2020-02-14_ | 2/14/20 18:16 |                          | AK/AP   |
| CCV         | 1.9050               | 2.8120                | 3.2040                | 9.3590                | 2.3280                | 4.9850                 | 13.9050               | _2020-02-17_ | 2/17/20 14:28 |                          | AK/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2020-02-17_ | 2/17/20 15:12 |                          | AK/AP   |
| LB107811BLW | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2020-02-17_ | 2/17/20 15:44 |                          | AK/AP   |
| LB107811BSW | 1.8820               | 2.8660                | 3.1630                | 9.3270                | 2.3310                | 5.0200                 | 13.9330               | _2020-02-17_ | 2/17/20 16:15 |                          | AK/AP   |
| L1161-07    | 0.2040               | 0.2640                | 0.2860                | 0.8380                | 0.2240                | 0.3240                 | 1.3430                | _2020-02-17_ | 2/17/20 17:19 |                          | AK/AP   |
| L1161-08    | 0.2800               | 0.3900                | 0.4320                | 1.2830                | 0.3190                | 0.5300                 | 1.9910                | _2020-02-17_ | 2/17/20 17:50 |                          | AK/AP   |
| L1161-08RE  | 0.4580               | 0.6580                | 0.7230                | 2.1920                | 0.5520                | 1.0360                 | 3.3030                | _2020-02-17_ | 2/17/20 18:22 |                          | AK/AP   |
| CCV         | 1.9590               | 2.8370                | 3.1210                | 9.4260                | 2.3600                | 5.0800                 | 14.0420               | _2020-02-17_ | 2/17/20 18:53 |                          | AK/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2020-02-17_ | 2/17/20 19:25 |                          | AK/AP   |

# CALIBRATION OF COMPONENT F-

Method: AnionsIC2-021420.mtw  
 Equation:  $Q = 0.0720317 \cdot A + 2.69774$   
 RSD: 3.179 %  
 Correlation coefficient: 0.999573

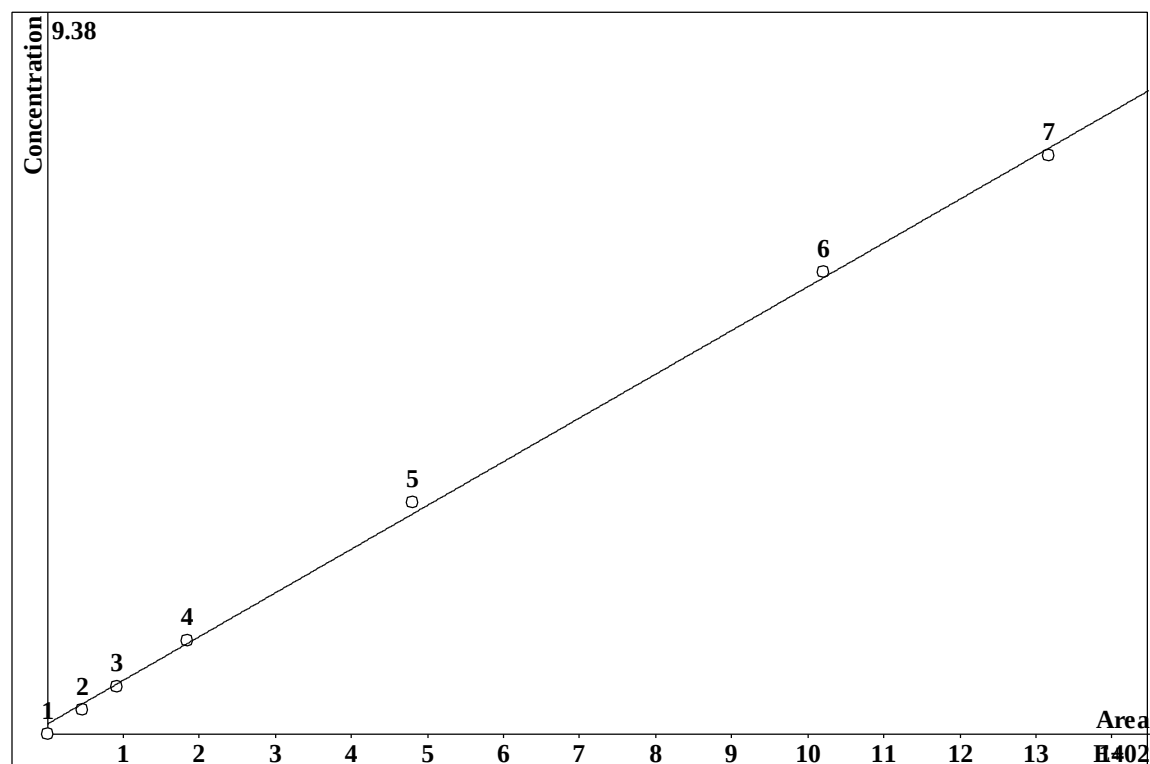


K3 = 0      K2 = 0      K1 = 0.0720317      K0 = 2.69774  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |    |
|-------|--------|-------|-------|---------|-----------|------|------|----|
| 1     | 0      | 0     | 0     | 0       | 0         | 0    | 0    | No |
| 2     | 1.78   | 36.06 | 0.2   | 20      | 5.867     | Yes  |      |    |
| 3     | 3.978  | 84.28 | 0.4   | 20      | 5.867     | Yes  |      |    |
| 4     | 8.696  | 169.8 | 0.8   | 20      | 5.867     | Yes  |      |    |
| 5     | 25.1   | 497.9 | 2     | 20      | 5.867     | Yes  |      |    |
| 6     | 55.92  | 1065  | 4     | 20      | 5.867     | Yes  |      |    |
| 7     | 72.01  | 1365  | 5     | 20      | 5.867     | Yes  |      |    |

## CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-021420.mtw  
 Equation:  $Q = 0.113603 \cdot A + 2.54877$   
 RSD: 3.609 %  
 Correlation coefficient: 0.999449

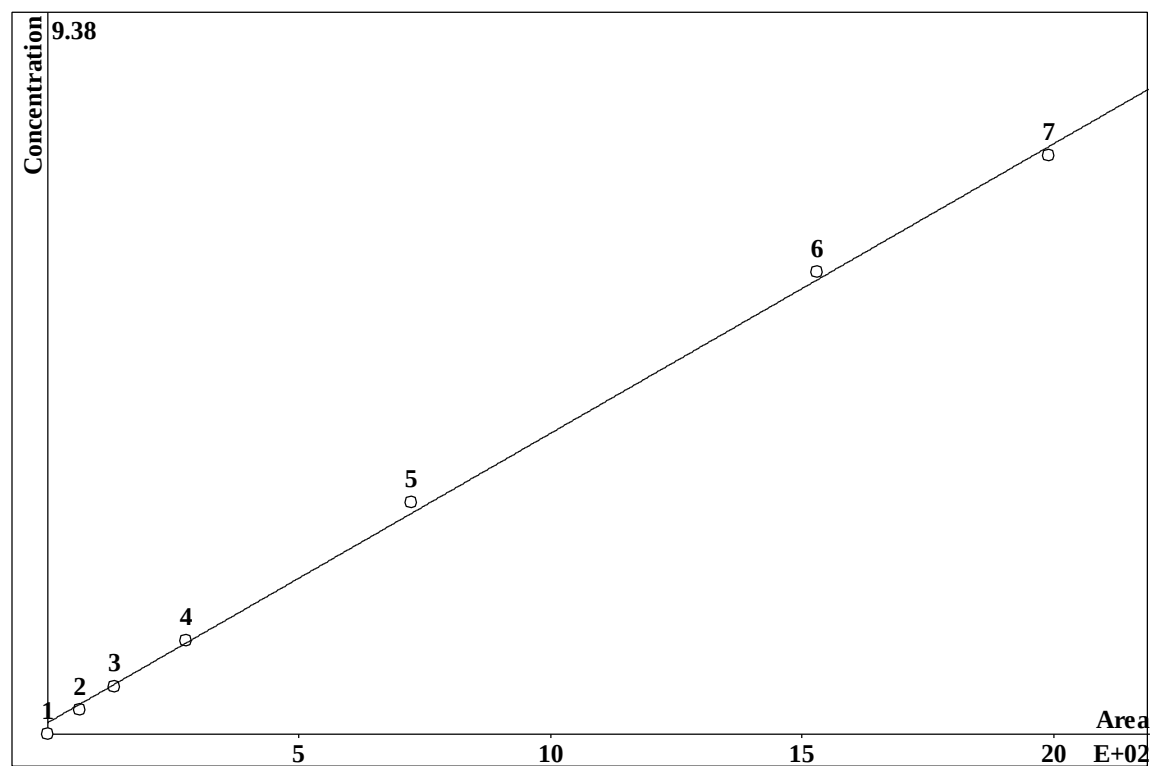


K3 = 0      K2 = 0      K1 = 0.113603      K0 = 2.54877  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |    |
|-------|--------|-------|-------|---------|-----------|------|------|----|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    | No |
| 2     | 4.009  | 45.48 | 0.3   | 20      | 9.304     | Yes  |      |    |
| 3     | 8.09   | 92.14 | 0.6   | 20      | 9.304     | Yes  |      |    |
| 4     | 16.12  | 185   | 1.2   | 20      | 9.304     | Yes  |      |    |
| 5     | 42.02  | 479.6 | 3     | 20      | 9.304     | Yes  |      |    |
| 6     | 91.12  | 1021  | 6     | 20      | 9.304     | Yes  |      |    |
| 7     | 117.8  | 1317  | 7.5   | 20      | 9.304     | Yes  |      |    |

## CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-021420.mtw  
 Equation:  $Q = 0.0752269 \cdot A + 2.83223$   
 RSD: 3.873 %  
 Correlation coefficient: 0.999366



K3 = 0      K2 = 0      K1 = 0.0752269      K0 = 2.83223

Base: Area

Ref.channel: ch1

ISTD:

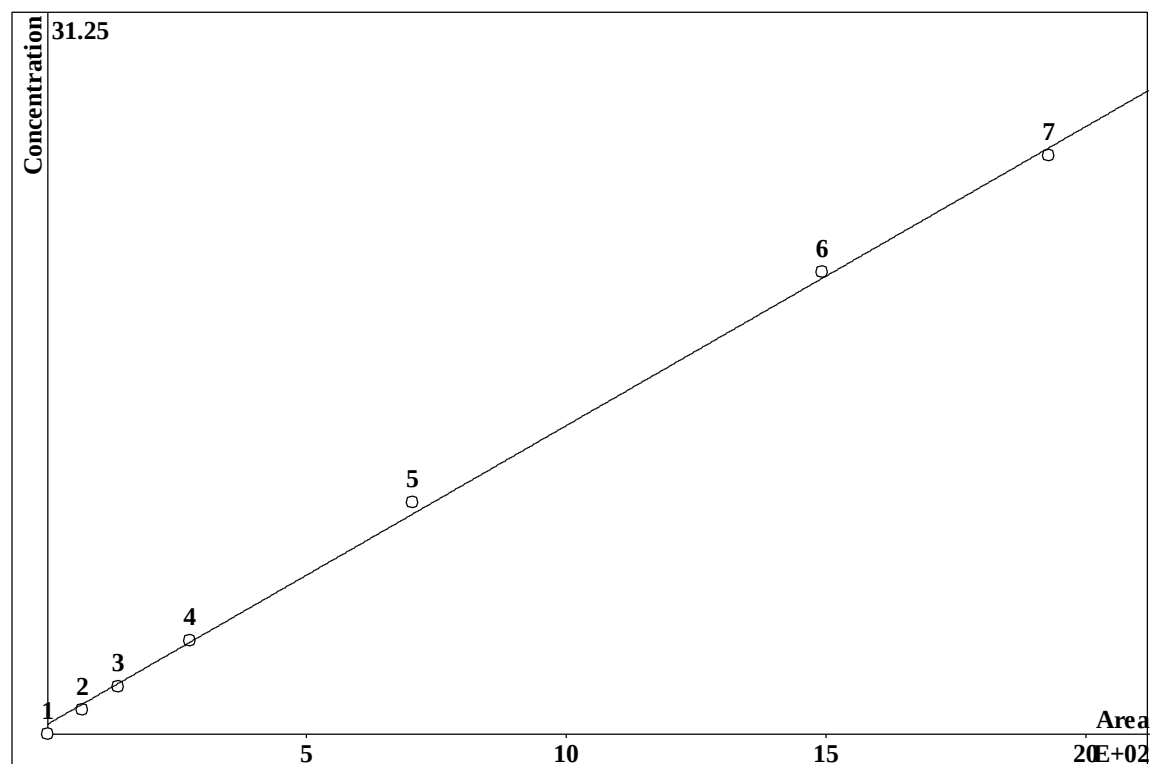
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |    |
|-------|--------|-------|-------|---------|-----------|------|------|----|
| 1     |        | 0     | 0     | 0       | 0         |      | 0    | No |
| 2     | 5.006  | 65.04 | 0.3   | 20      | 11.39     | Yes  |      |    |
| 3     | 10.13  | 134.6 | 0.6   | 20      | 11.39     | Yes  |      |    |
| 4     | 19.66  | 277   | 1.2   | 20      | 11.39     | Yes  |      |    |
| 5     | 47.59  | 722.8 | 3     | 20      | 11.39     | Yes  |      |    |
| 6     | 92.24  | 1529  | 6     | 20      | 11.39     | Yes  |      |    |
| 7     | 113.4  | 1991  | 7.5   | 20      | 11.39     | Yes  |      |    |

## CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-021420.mtw  
 Equation:  $Q = 0.258705 \cdot A + 8.20283$   
 RSD: 3.628 %  
 Correlation coefficient: 0.999444



K3 = 0      K2 = 0      K1 = 0.258705      K0 = 8.20283

Base: Area

Ref.channel: ch1

ISTD:

Formula: Linear

Weight: 1

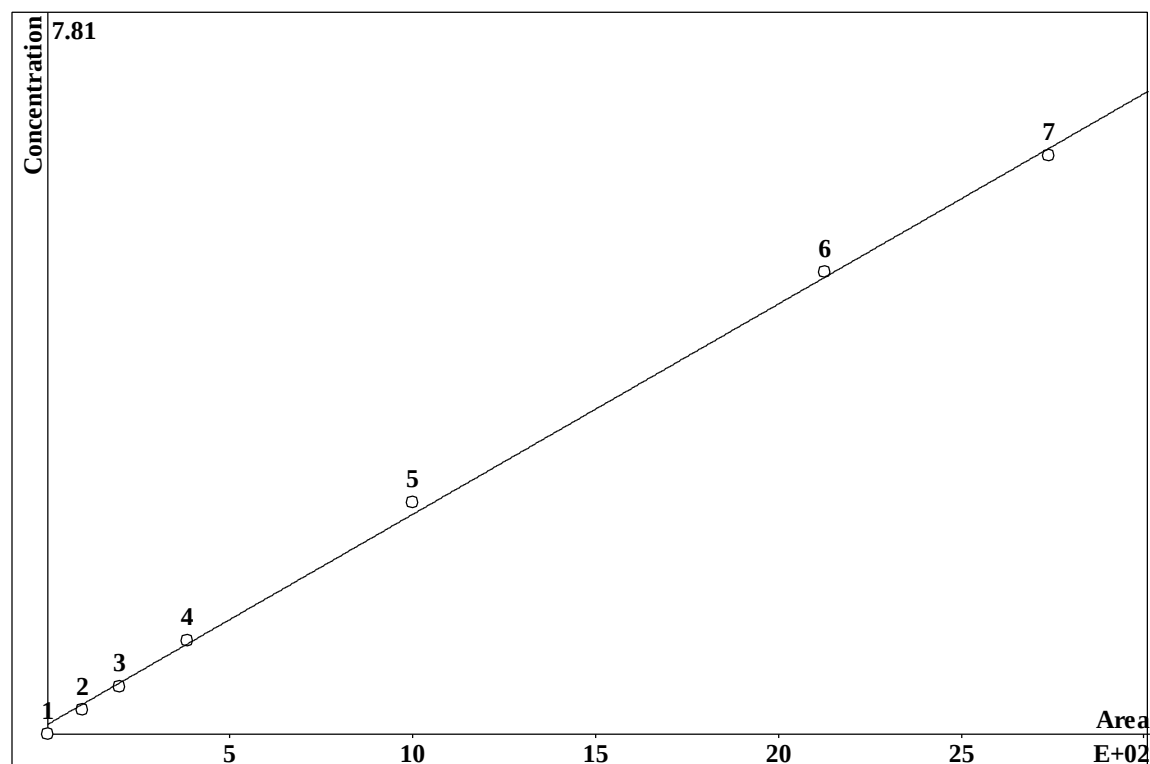
| Level | Height | Area | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|------|-------|---------|-----------|------|------|
|-------|--------|------|-------|---------|-----------|------|------|

|   |       |       |    |    |       |     |    |
|---|-------|-------|----|----|-------|-----|----|
| 1 | 0     | 0     | 0  | 0  | 0     | 0   | No |
| 2 | 3.553 | 66.65 | 1  | 20 | 14.91 | Yes |    |
| 3 | 7.466 | 135.8 | 2  | 20 | 14.91 | Yes |    |
| 4 | 15.3  | 273.8 | 4  | 20 | 14.91 | Yes |    |
| 5 | 40.52 | 702.9 | 10 | 20 | 14.91 | Yes |    |
| 6 | 89.24 | 1494  | 20 | 20 | 14.91 | Yes |    |
| 7 | 116.3 | 1930  | 25 | 20 | 14.91 | Yes |    |

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## CALIBRATION OF COMPONENT N03

Method: AnionsIC2-021420.mtw  
 Equation:  $Q = 0.0455128 \cdot A + 2.01469$   
 RSD: 3.607 %  
 Correlation coefficient: 0.999450

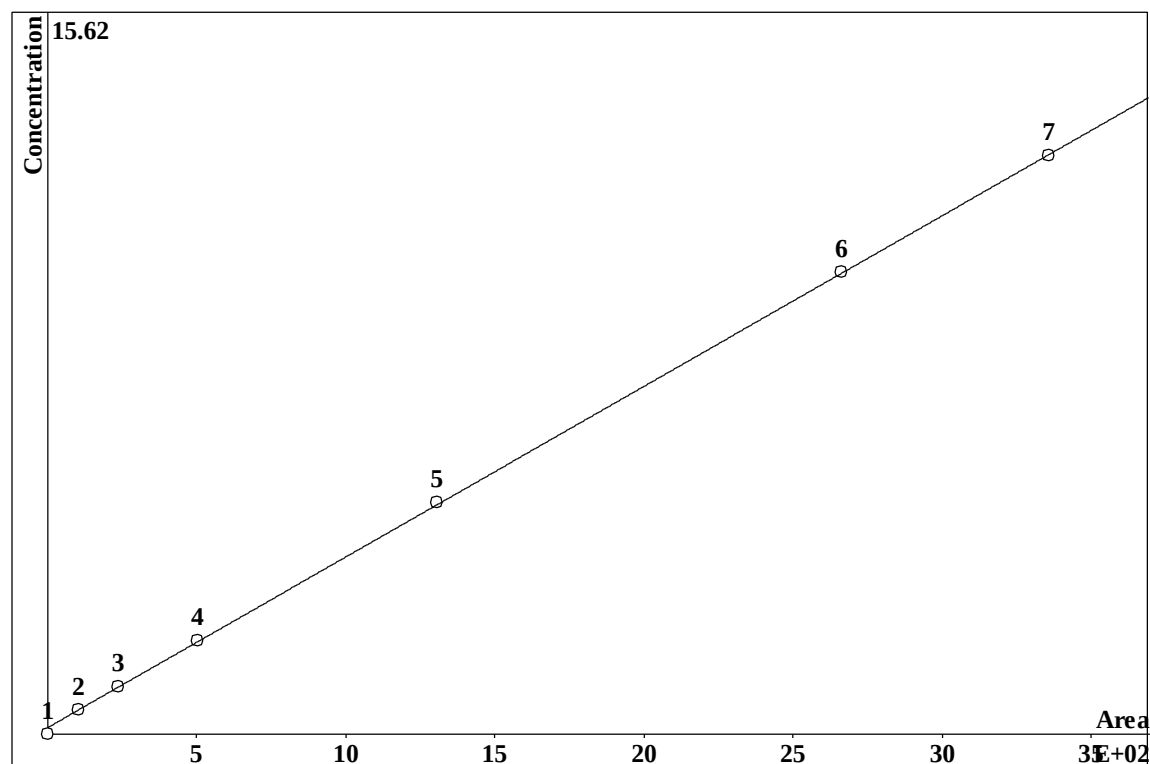


K3 = 0      K2 = 0      K1 = 0.0455128      K0 = 2.01469  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |    |
|-------|--------|-------|-------|---------|-----------|------|------|----|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    | No |
| 2     | 4.326  | 97.3  | 0.25  | 20      | 17.45     | Yes  |      |    |
| 3     | 8.929  | 196.2 | 0.5   | 20      | 17.45     | Yes  |      |    |
| 4     | 18     | 384.6 | 1     | 20      | 17.45     | Yes  |      |    |
| 5     | 46.73  | 999   | 2.5   | 20      | 17.45     | Yes  |      |    |
| 6     | 100.5  | 2128  | 5     | 20      | 17.45     | Yes  |      |    |
| 7     | 129.7  | 2741  | 6.25  | 20      | 17.45     | Yes  |      |    |

## CALIBRATION OF COMPONENT HP04

Method: AnionsIC2-021420.mtw  
 Equation:  $Q = 0.0739202 \cdot A + 2.60634$   
 RSD: 0.659 %  
 Correlation coefficient: 0.999982



K3 = 0      K2 = 0      K1 = 0.0739202      K0 = 2.60634

Base: Area

Ref.channel: ch1

ISTD:

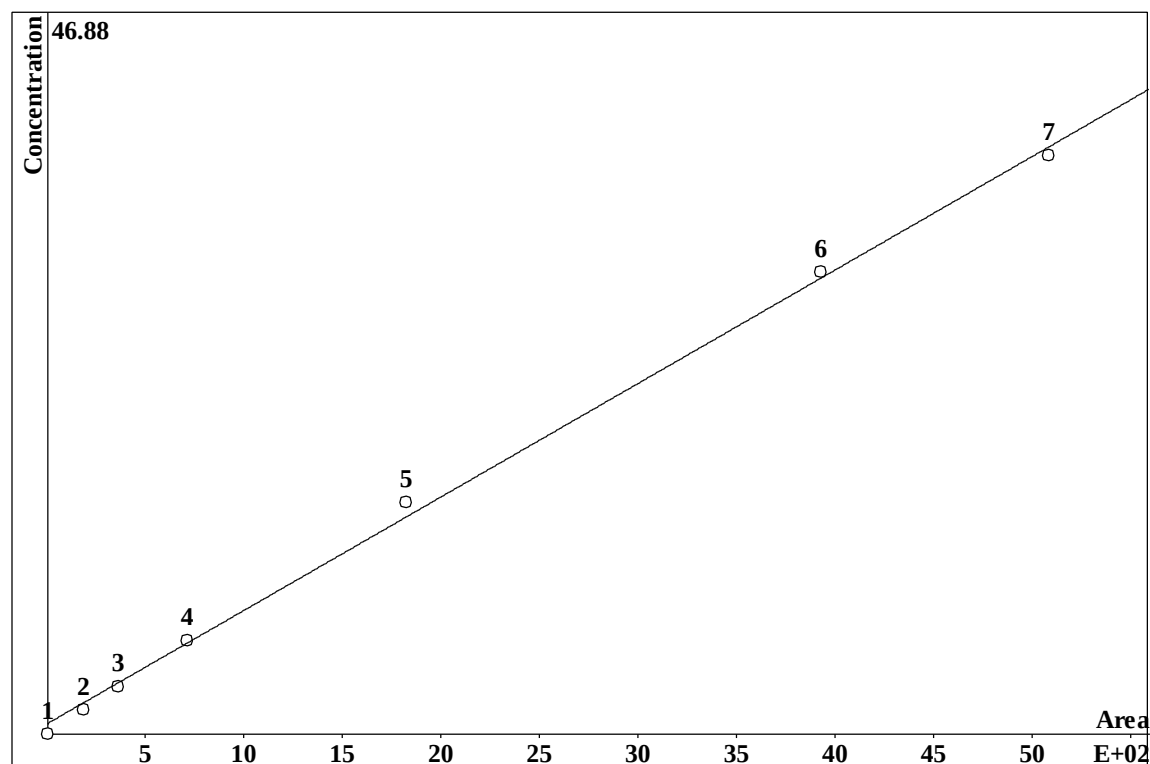
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |    |
|-------|--------|-------|-------|---------|-----------|------|------|----|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    | No |
| 2     | 3.174  | 104.8 | 0.5   | 20      | 22.68     | Yes  |      |    |
| 3     | 7.142  | 239.9 | 1     | 20      | 22.68     | Yes  |      |    |
| 4     | 15.29  | 504.7 | 2     | 20      | 22.68     | Yes  |      |    |
| 5     | 41.07  | 1307  | 5     | 20      | 22.68     | Yes  |      |    |
| 6     | 88.73  | 2662  | 10    | 20      | 22.68     | Yes  |      |    |
| 7     | 114.9  | 3357  | 12.5  | 20      | 22.68     | Yes  |      |    |

## CALIBRATION OF COMPONENT S04

Method: AnionsIC2-021420.mtw  
 Equation:  $Q = 0.147328 \cdot A + 13.1958$   
 RSD: 4.288 %  
 Correlation coefficient: 0.999223



K3 = 0      K2 = 0      K1 = 0.147328      K0 = 13.1958  
 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         |      |      | No  |
| 2     | 6.488  | 184   | 1.5   | 20      | 26.56     |      |      | Yes |
| 3     | 12.84  | 359.8 | 3     | 20      | 26.56     |      |      | Yes |
| 4     | 25.53  | 708.3 | 6     | 20      | 26.56     |      |      | Yes |
| 5     | 66.95  | 1823  | 15    | 20      | 26.56     |      |      | Yes |
| 6     | 147.5  | 3927  | 30    | 20      | 26.56     |      |      | Yes |
| 7     | 191.9  | 5086  | 37.5  | 20      | 26.56     |      |      | Yes |



Report date: 2/17/2020 9:40:08 AM  
Printed by: wet

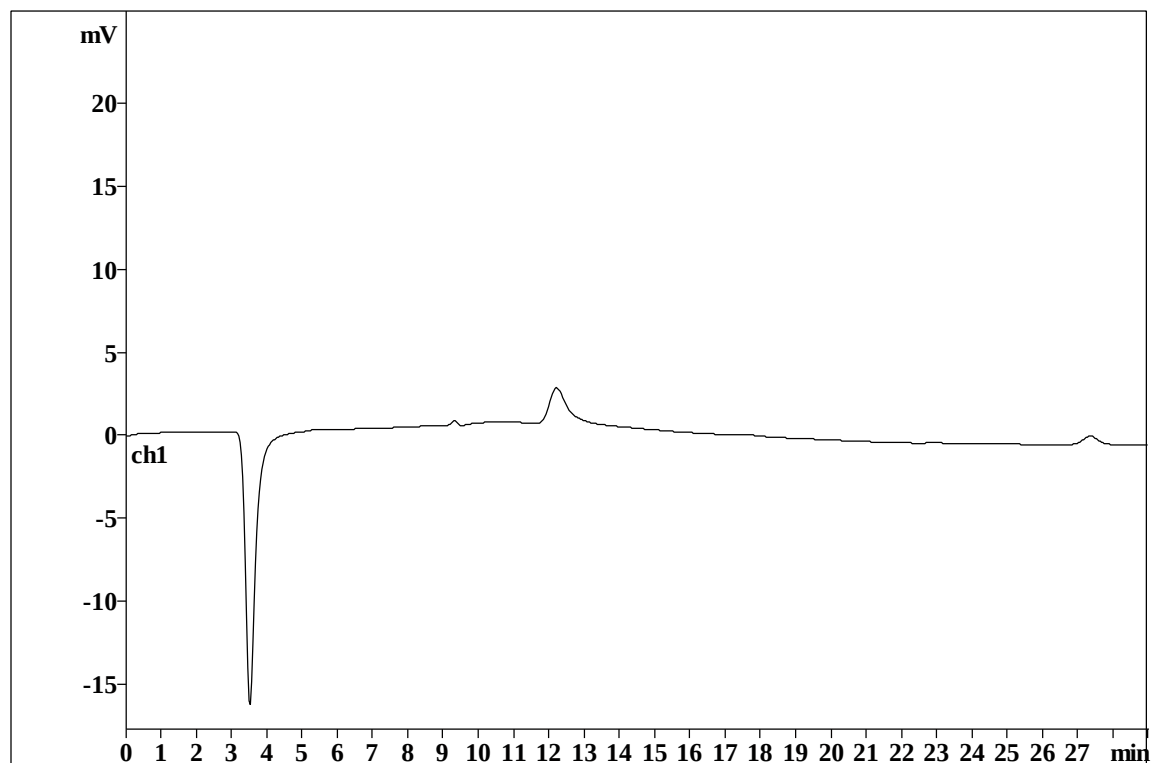
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Analysis from: 2/14/2020 2:03:25 PM  
File: \_2020-02-14\_

Last save: 2/17/2020 9:38:47 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24406

Last save: 2/14/2020 5:10:25 PM

SAMPLE:  
: AK/AP  
Vial number: 2  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 2/17/2020 9:40:26 AM  
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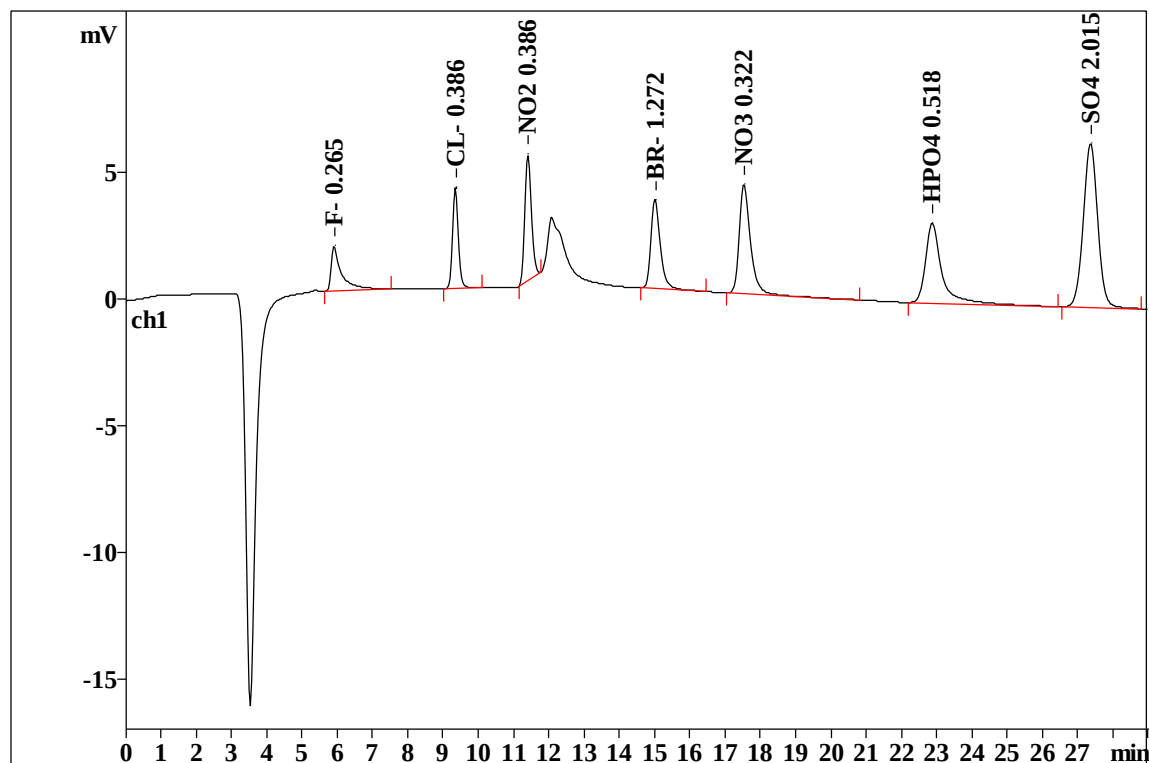
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File: \_2020-02-14\_

Last save: 2/17/2020 9:38:47 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24407

Last save: 2/14/2020 5:10:25 PM

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



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% | K   |
|----|------------------|----------------|--------------|-------------|----------------|-----------|-----|
| 1  | 5.91             | 0.232          | 1.78         | 6.27        | 36.055         | 6.02      | 0.0 |
| 2  | 9.35             | 0.169          | 4.01         | 14.14       | 45.478         | 7.59      | 0.0 |
| 3  | 11.41            | 0.201          | 5.01         | 17.67       | 65.036         | 10.85     | 0.0 |
| 4  | 15.01            | 0.271          | 3.55         | 12.53       | 66.648         | 11.12     | 0.0 |
| 5  | 17.53            | 0.321          | 4.32         | 15.26       | 97.301         | 16.23     | 0.0 |
| 6  | 22.87            | 0.422          | 3.17         | 11.20       | 104.846        | 17.49     | 0.0 |
| 7  | 27.36            | 0.430          | 6.49         | 22.90       | 184.015        | 30.70     | 0.0 |
| 7  | 29.00            | 0.292          | 28.33        | 99.97       | 599.379        | 100.00    | 0.0 |

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Report date: 2/17/2020 9:40:37 AM  
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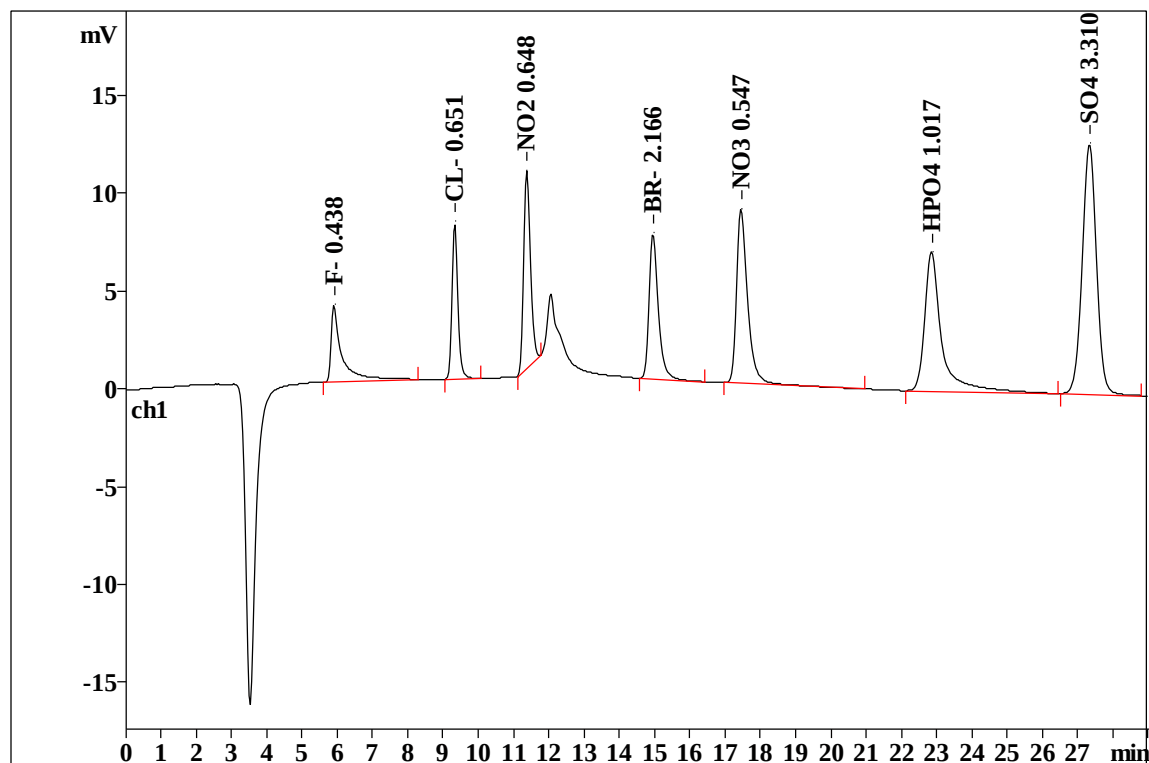
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File: \_2020-02-14\_

Last save: 2/17/2020 9:38:47 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24408

Last save: 2/14/2020 5:10:25 PM

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



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% | K   |
|----|------------------|----------------|--------------|-------------|----------------|-----------|-----|
| 1  | 5.90             | 0.223          | 3.98         | 6.79        | 84.280         | 6.78      | 0.0 |
| 2  | 9.33             | 0.169          | 8.09         | 13.81       | 92.141         | 7.41      | 0.0 |
| 3  | 11.37            | 0.204          | 10.13        | 17.29       | 134.582        | 10.83     | 0.0 |
| 4  | 14.95            | 0.264          | 7.47         | 12.74       | 135.763        | 10.93     | 0.0 |
| 5  | 17.45            | 0.314          | 8.93         | 15.24       | 196.211        | 15.79     | 0.0 |
| 6  | 22.85            | 0.422          | 7.14         | 12.19       | 239.926        | 19.31     | 0.0 |
| 7  | 27.33            | 0.426          | 12.84        | 21.92       | 359.766        | 28.95     | 0.0 |
| 7  | 29.00            | 0.289          | 58.57        | 99.99       | 1242.667       | 100.00    | 0.0 |

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Report date: 2/17/2020 9:41:07 AM  
Printed by: wet

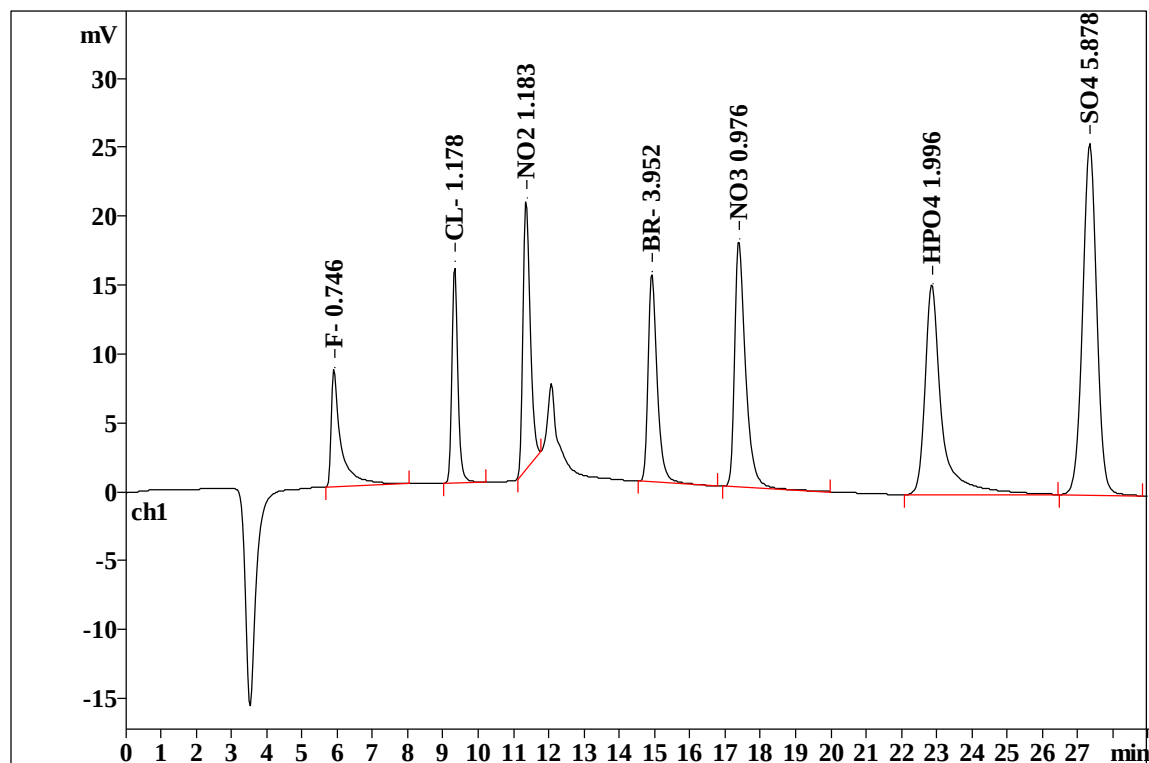
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Analysis from: 2/14/2020 3:38:13 PM  
File: \_2020-02-14\_

Last save: 2/17/2020 9:38:47 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24409

Last save: 2/14/2020 5:10:25 PM

SAMPLE:  
: AK/AP  
Vial number: 5  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% | K   |
|----|------------------|----------------|--------------|-------------|----------------|-----------|-----|
| 1  | 5.91             | 0.218          | 8.69         | 7.33        | 169.783        | 6.78      | 0.0 |
| 2  | 9.33             | 0.169          | 16.12        | 13.59       | 184.988        | 7.39      | 0.0 |
| 3  | 11.35            | 0.217          | 19.66        | 16.58       | 276.984        | 11.07     | 0.0 |
| 4  | 14.92            | 0.259          | 15.30        | 12.90       | 273.841        | 10.94     | 0.0 |
| 5  | 17.39            | 0.310          | 18.00        | 15.17       | 384.553        | 15.36     | 0.0 |
| 6  | 22.86            | 0.417          | 15.29        | 12.89       | 504.747        | 20.16     | 0.0 |
| 7  | 27.34            | 0.421          | 25.53        | 21.53       | 708.342        | 28.30     | 0.0 |
| 7  | 29.00            | 0.287          | 118.60       | 100.00      | 2503.238       | 100.00    | 0.0 |

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Report date: 2/17/2020 9:41:18 AM  
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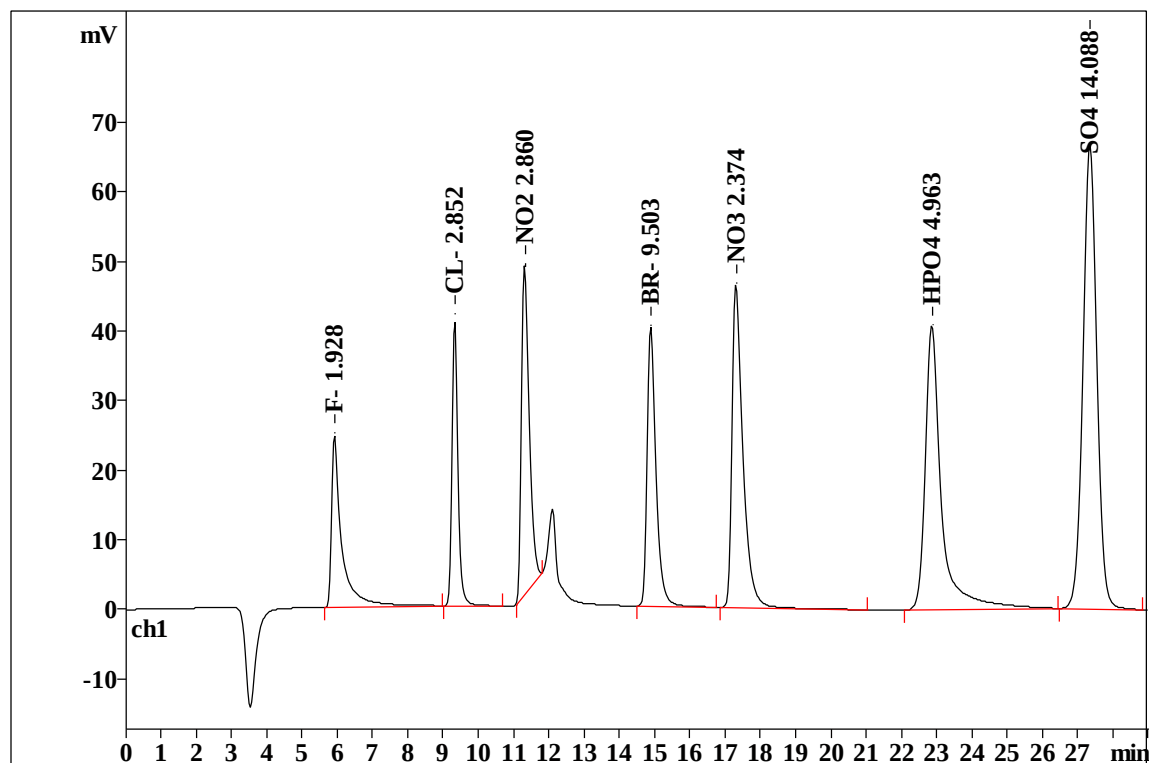
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Analysis from: 2/14/2020 4:09:49 PM  
File: \_2020-02-14\_

Last save: 2/17/2020 9:38:47 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24410

Last save: 2/14/2020 5:10:25 PM

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



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% | K   |
|----|------------------|----------------|--------------|-------------|----------------|-----------|-----|
| 1  | 5.92             | 0.225          | 25.10        | 8.10        | 497.922        | 7.62      | 0.0 |
| 2  | 9.33             | 0.167          | 42.02        | 13.56       | 479.633        | 7.34      | 0.0 |
| 3  | 11.31            | 0.233          | 47.59        | 15.35       | 722.823        | 11.06     | 0.0 |
| 4  | 14.89            | 0.252          | 40.52        | 13.07       | 702.918        | 10.76     | 0.0 |
| 5  | 17.30            | 0.306          | 46.72        | 15.07       | 999.016        | 15.29     | 0.0 |
| 6  | 22.86            | 0.404          | 41.07        | 13.25       | 1307.414       | 20.01     | 0.0 |
| 7  | 27.34            | 0.413          | 66.94        | 21.60       | 1822.860       | 27.90     | 0.0 |
| 7  | 29.00            | 0.286          | 309.95       | 100.00      | 6532.586       | 100.00    | 0.0 |

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Report date: 2/17/2020 9:41:28 AM  
Printed by: wet

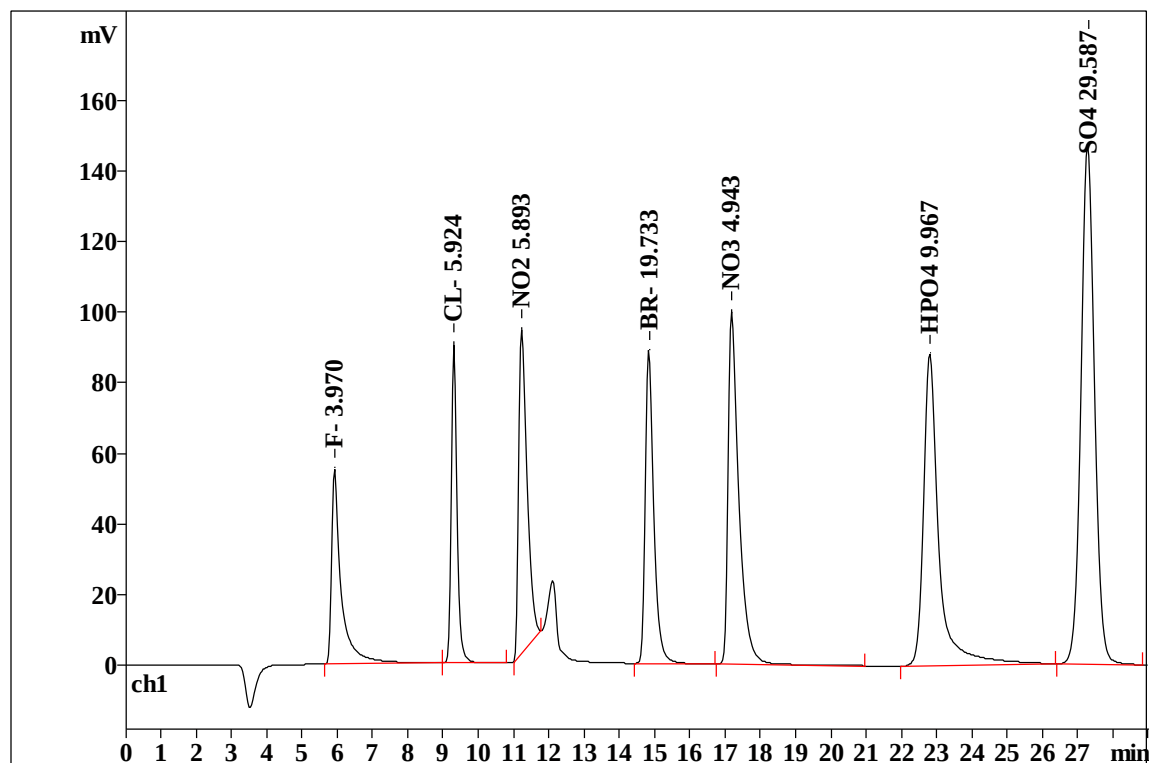
Ident: STD6  
Analysis from: 2/14/2020 4:41:25 PM  
File: \_2020-02-14\_

Last save: 2/17/2020 9:38:47 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24411

Last save: 2/14/2020 5:10:25 PM

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



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% | K   |
|----|------------------|----------------|--------------|-------------|----------------|-----------|-----|
| 1  | 5.92             | 0.221          | 55.92        | 8.41        | 1064.943       | 7.70      | 0.0 |
| 2  | 9.31             | 0.163          | 91.12        | 13.70       | 1020.509       | 7.38      | 0.0 |
| 3  | 11.23            | 0.253          | 92.24        | 13.87       | 1529.046       | 11.06     | 0.0 |
| 4  | 14.83            | 0.243          | 89.24        | 13.41       | 1493.830       | 10.81     | 0.0 |
| 5  | 17.18            | 0.301          | 100.45       | 15.10       | 2127.968       | 15.39     | 0.0 |
| 6  | 22.80            | 0.388          | 88.73        | 13.34       | 2661.551       | 19.25     | 0.0 |
| 7  | 27.28            | 0.402          | 147.51       | 22.17       | 3926.909       | 28.40     | 0.0 |
| 7  | 29.00            | 0.282          | 665.21       | 100.00      | 13824.757      | 100.00    | 0.0 |

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Report date: 2/17/2020 9:41:38 AM  
Printed by: wet

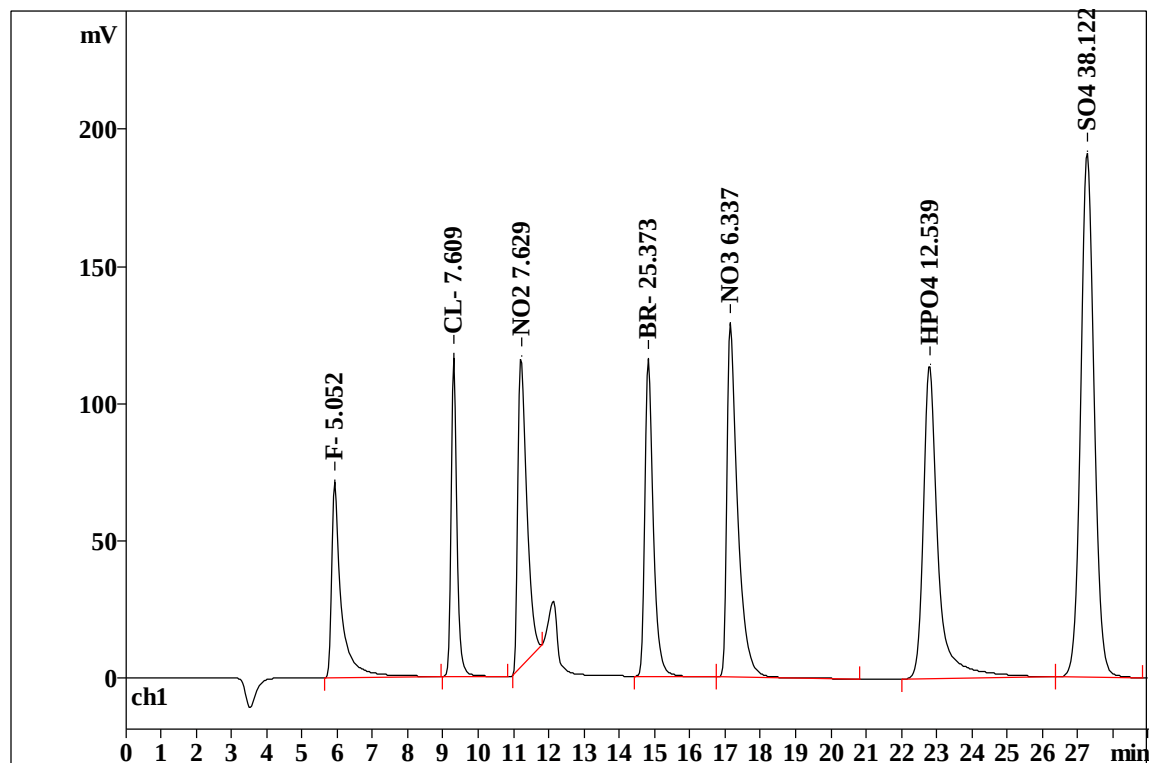
Ident: STD7  
Analysis from: 2/14/2020 5:13:01 PM  
File: \_2020-02-14\_

Last save: 2/17/2020 9:38:47 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24412

Last save: 2/14/2020 5:10:25 PM

SAMPLE:  
: AK/AP  
Vial number: 8  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% | K   |
|----|------------------|----------------|--------------|-------------|----------------|-----------|-----|
| 1  | 5.93             | 0.223          | 72.01        | 8.41        | 1365.231       | 7.68      | 0.0 |
| 2  | 9.30             | 0.162          | 117.80       | 13.76       | 1317.195       | 7.41      | 0.0 |
| 3  | 11.21            | 0.269          | 113.36       | 13.24       | 1990.673       | 11.19     | 0.0 |
| 4  | 14.82            | 0.241          | 116.26       | 13.58       | 1929.859       | 10.85     | 0.0 |
| 5  | 17.15            | 0.299          | 129.70       | 15.15       | 2740.629       | 15.41     | 0.0 |
| 6  | 22.79            | 0.382          | 114.87       | 13.42       | 3357.384       | 18.88     | 0.0 |
| 7  | 27.27            | 0.401          | 191.89       | 22.42       | 5085.627       | 28.59     | 0.0 |
| 7  | 29.00            | 0.282          | 855.89       | 100.00      | 17786.599      | 100.00    | 0.0 |

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Report date: 2/17/2020 9:41:47 AM  
Printed by: wet

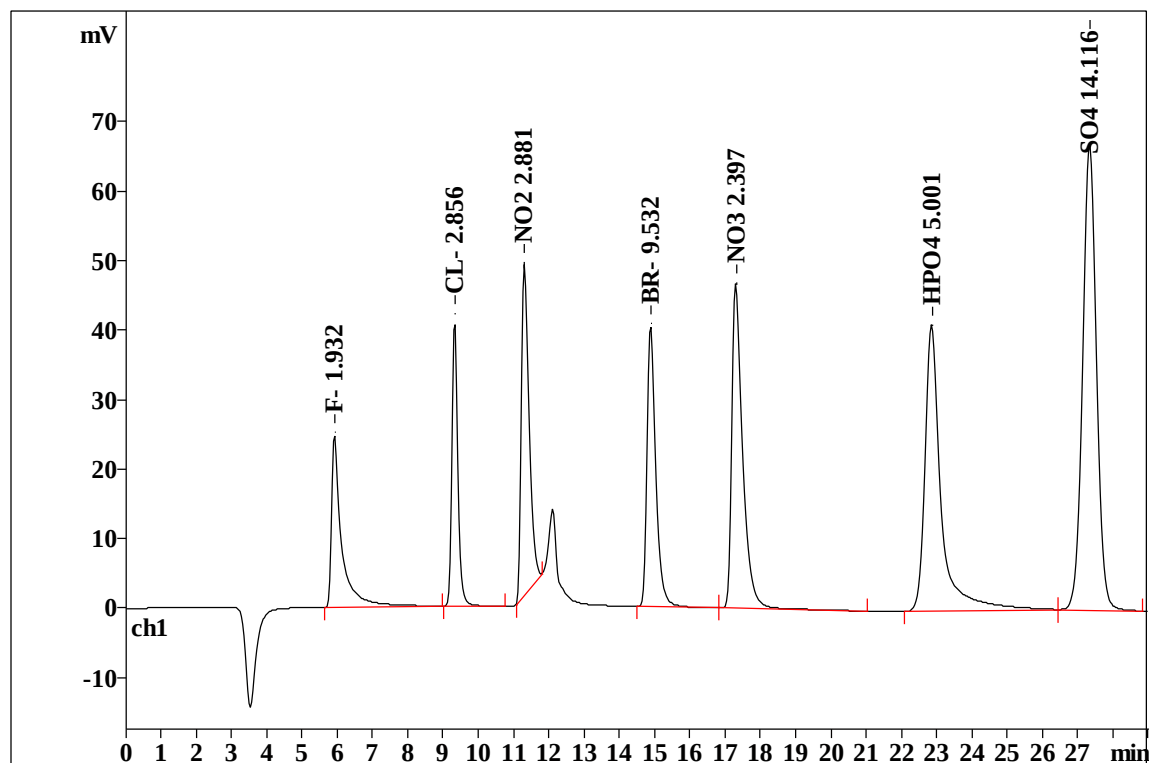
Ident: ICV  
Analysis from: 2/14/2020 5:44:36 PM  
File: \_2020-02-14\_

Last save: 2/14/2020 6:13:37 PM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24413

Last save: 2/14/2020 5:42:01 PM

SAMPLE:  
: AK/AP  
Vial number: 9  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% | K   |
|----|------------------|----------------|--------------|-------------|----------------|-----------|-----|
| 1  | 5.92             | 0.225          | 25.18        | 8.09        | 499.081        | 7.60      | 0.0 |
| 2  | 9.33             | 0.167          | 42.10        | 13.52       | 480.289        | 7.31      | 0.0 |
| 3  | 11.30            | 0.233          | 47.82        | 15.36       | 728.360        | 11.09     | 0.0 |
| 4  | 14.89            | 0.251          | 40.76        | 13.09       | 705.200        | 10.74     | 0.0 |
| 5  | 17.30            | 0.306          | 46.99        | 15.09       | 1009.119       | 15.37     | 0.0 |
| 6  | 22.85            | 0.404          | 41.31        | 13.27       | 1317.699       | 20.07     | 0.0 |
| 7  | 27.33            | 0.412          | 67.19        | 21.58       | 1826.727       | 27.82     | 0.0 |
| 7  | 29.00            | 0.285          | 311.35       | 100.00      | 6566.475       | 100.00    | 0.0 |

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Report date: 2/17/2020 9:41:59 AM  
Printed by: wet

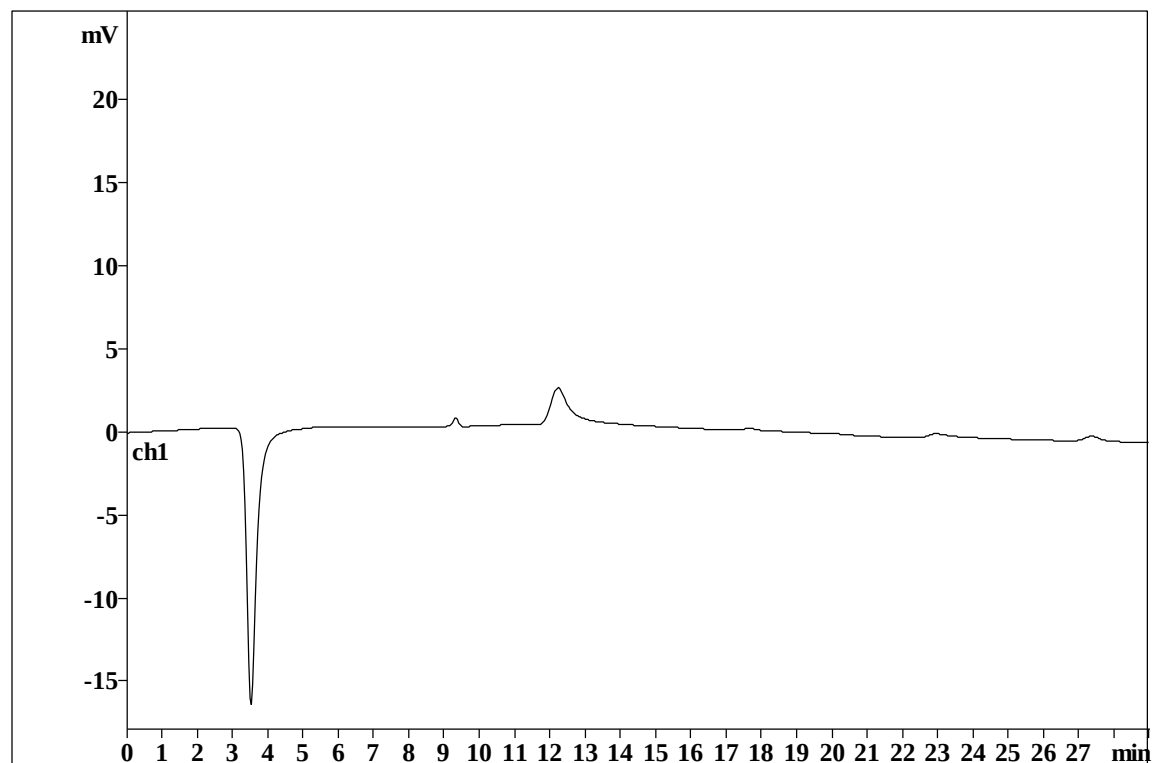
Ident: ICB  
Analysis from: 2/14/2020 6:16:12 PM  
File: \_2020-02-14\_

Last save: 2/14/2020 6:45:12 PM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24414

Last save: 2/14/2020 5:42:01 PM

SAMPLE:  
: AK/AP  
Vial number: 10  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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9056A  
water

Report date: 2/18/2020 11:38:03 AM  
Printed by: wet

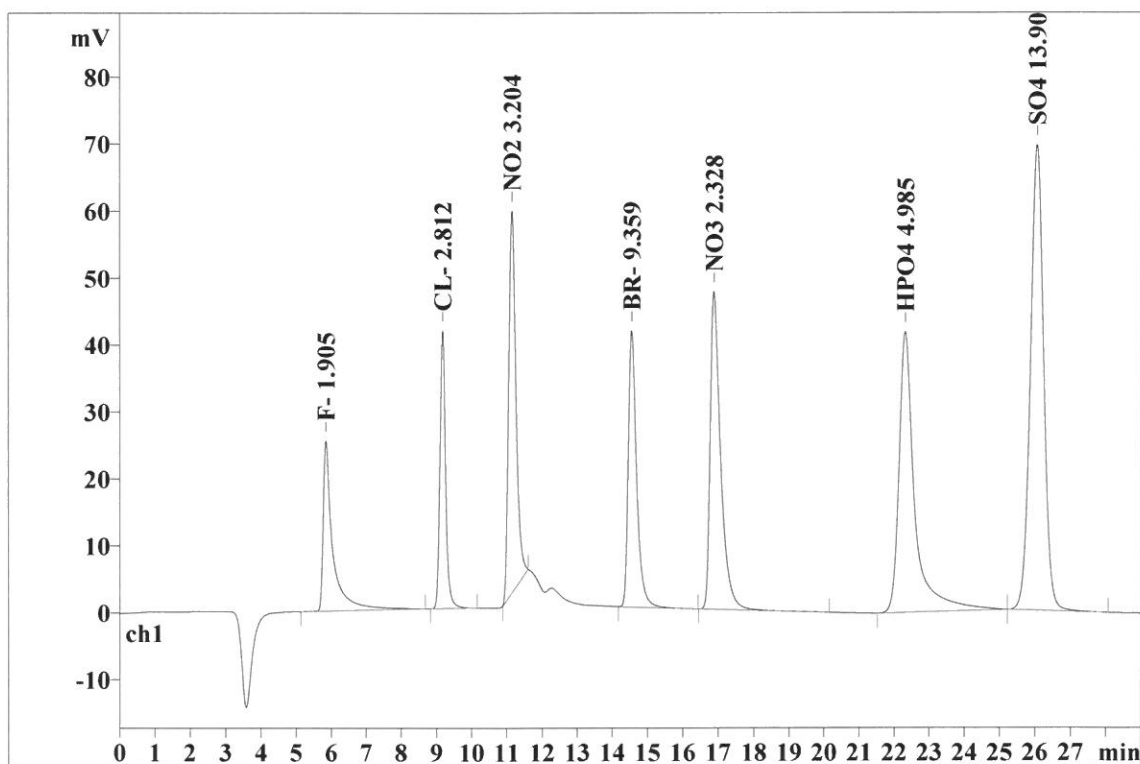
Ident: CCV  
Analysis from: 2/17/2020 2:28:07 PM  
File: \_2020-02-17\_

Last save: 2/18/2020 8:25:25 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24455

Last save: 2/14/2020 5:42:

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



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.84             | 0.218          | 25.38        | 7.83        | 491.468        | 7.49      |
| 2  | 9.16             | 0.166          | 41.51        | 12.80       | 472.561        | 7.20      |
| 3  | 11.12            | 0.214          | 57.15        | 17.62       | 814.048        | 12.41     |
| 4  | 14.54            | 0.244          | 41.31        | 12.74       | 691.837        | 10.55     |
| 5  | 16.86            | 0.297          | 47.49        | 14.65       | 978.588        | 14.92     |
| 6  | 22.30            | 0.400          | 41.93        | 12.93       | 1313.571       | 20.02     |
| 7  | 26.05            | 0.392          | 69.50        | 21.43       | 1798.086       | 27.41     |
| 7  | 29.00            | 0.276          | 324.27       | 100.00      | 6560.159       | 100.00    |

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Report date: 2/18/2020 11:38:13 AM  
Printed by: wet

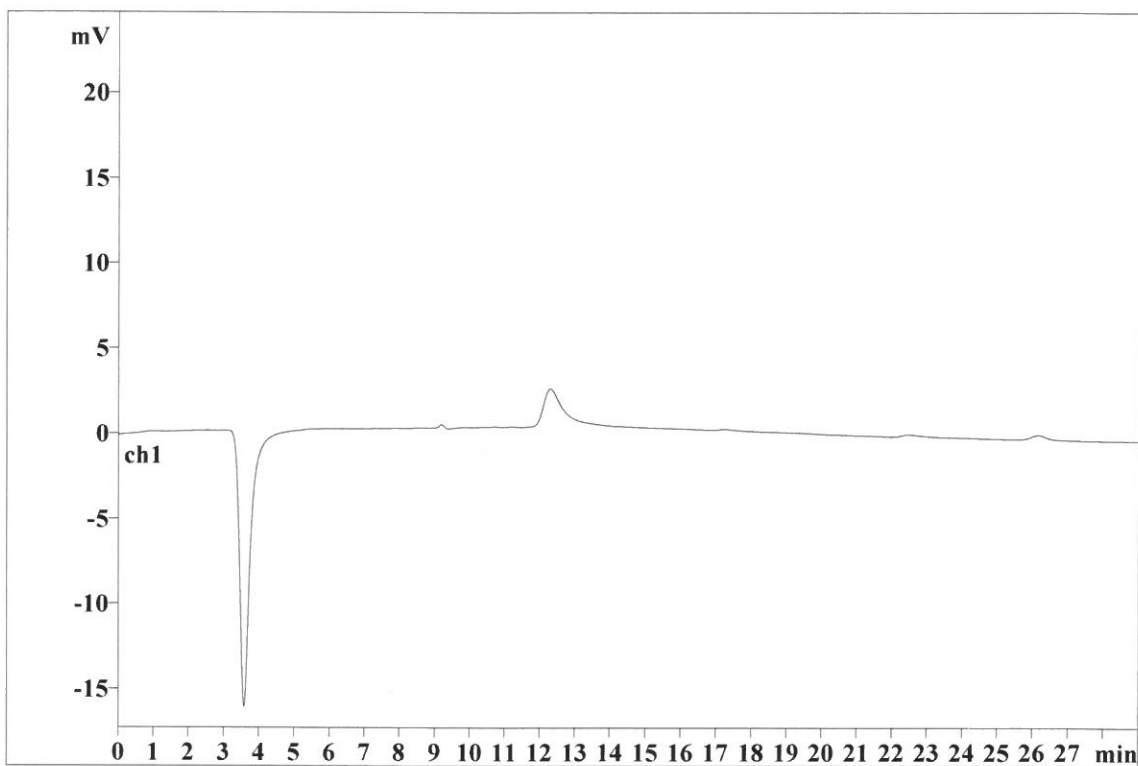
Ident: CCB  
Analysis from: 2/17/2020 3:12:44 PM  
File: \_2020-02-17\_

Last save: 2/17/2020 3:41:44 PM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24456

Last save: 2/14/2020 5:42:

SAMPLE:  
: AK/AP  
Vial number: 3  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 2/18/2020 11:40:32 AM  
Printed by: wet

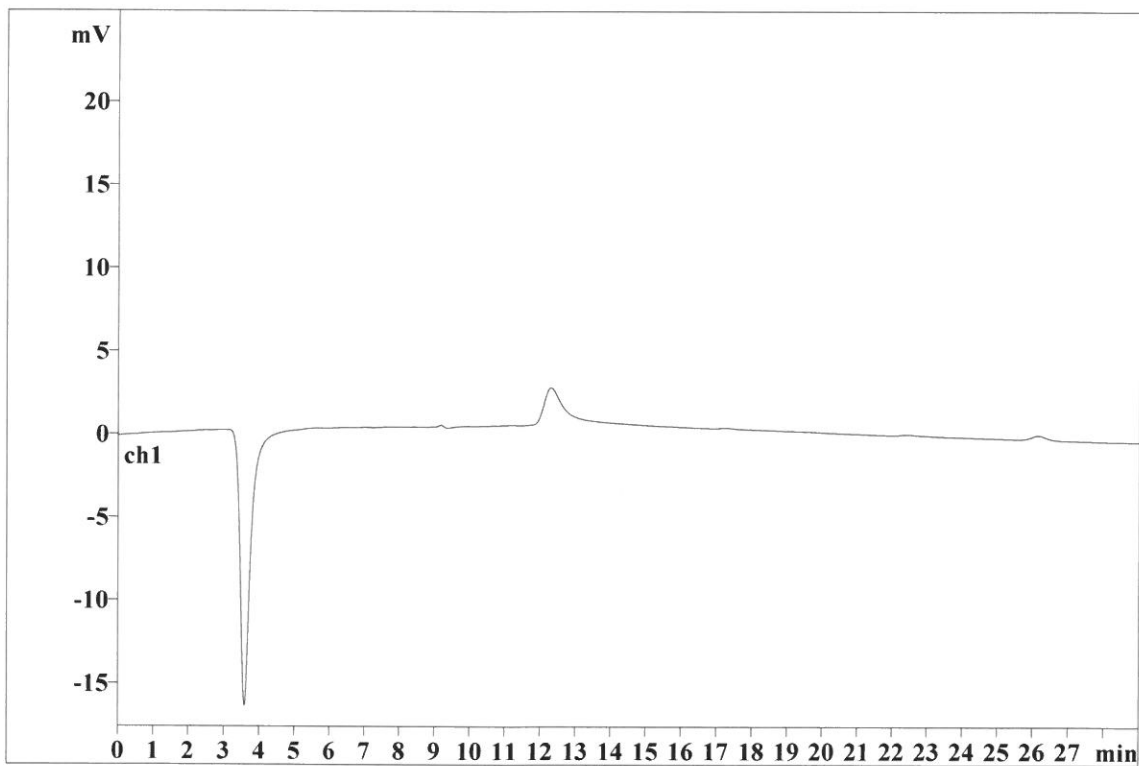
Ident: LB107811BLW  
Analysis from: 2/17/2020 3:44:20 PM  
File: \_2020-02-17\_

Last save: 2/18/2020 11:40:23 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24457

Last save: 2/14/2020 5:42:

SAMPLE:  
: AK/AP  
Vial number: 4  
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: 2/18/2020 11:40:41 AM  
Printed by: wet

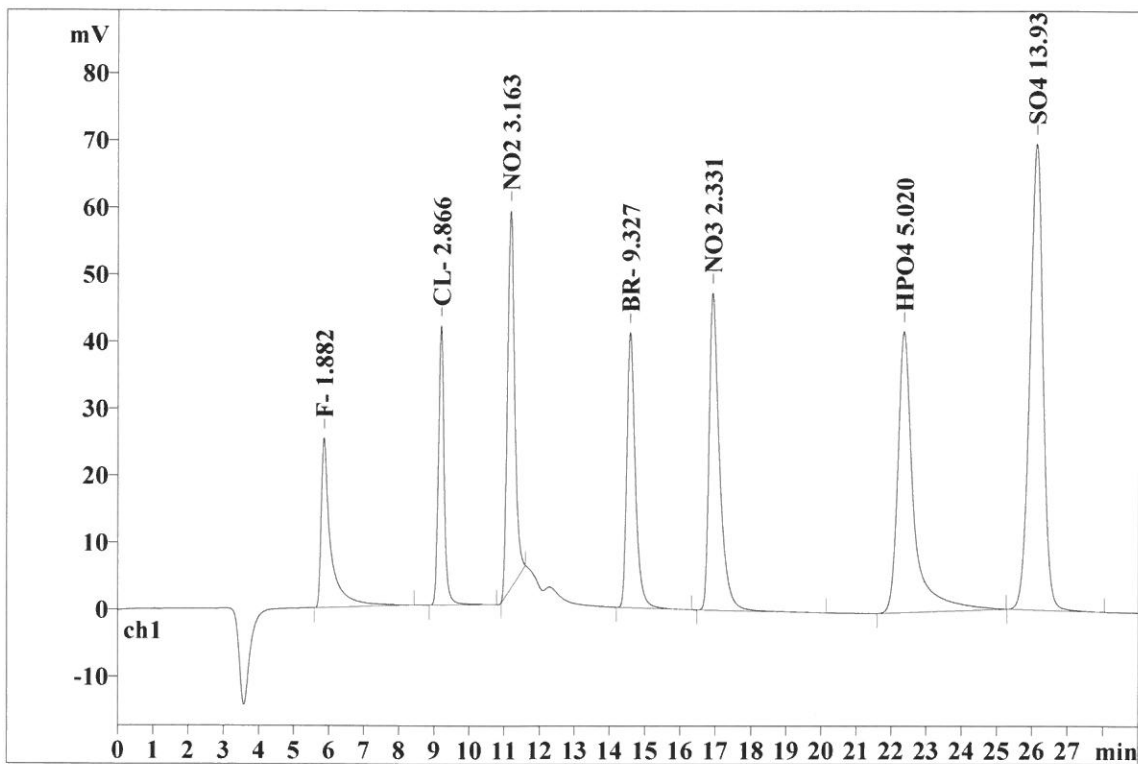
Ident: LB107811BSW  
Analysis from: 2/17/2020 4:15:55 PM  
File: \_2020-02-17\_

Last save: 2/18/2020 11:40:23 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24458

Last save: 2/14/2020 5:42:

SAMPLE:  
: AK/AP  
Vial number: 5  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.85             | 0.219          | 25.36        | 7.83        | 485.164        | 7.39      |
| 2  | 9.18             | 0.167          | 41.71        | 12.88       | 482.093        | 7.34      |
| 3  | 11.15            | 0.214          | 56.63        | 17.49       | 803.339        | 12.24     |
| 4  | 14.58            | 0.244          | 41.12        | 12.70       | 689.310        | 10.50     |
| 5  | 16.90            | 0.298          | 47.37        | 14.63       | 980.271        | 14.93     |
| 6  | 22.35            | 0.401          | 41.99        | 12.97       | 1322.960       | 20.15     |
| 7  | 26.10            | 0.392          | 69.57        | 21.49       | 1801.819       | 27.45     |
| 7  | 29.00            | 0.277          | 323.75       | 100.00      | 6564.955       | 100.00    |

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Report date: 2/18/2020 11:41:04 AM  
Printed by: wet

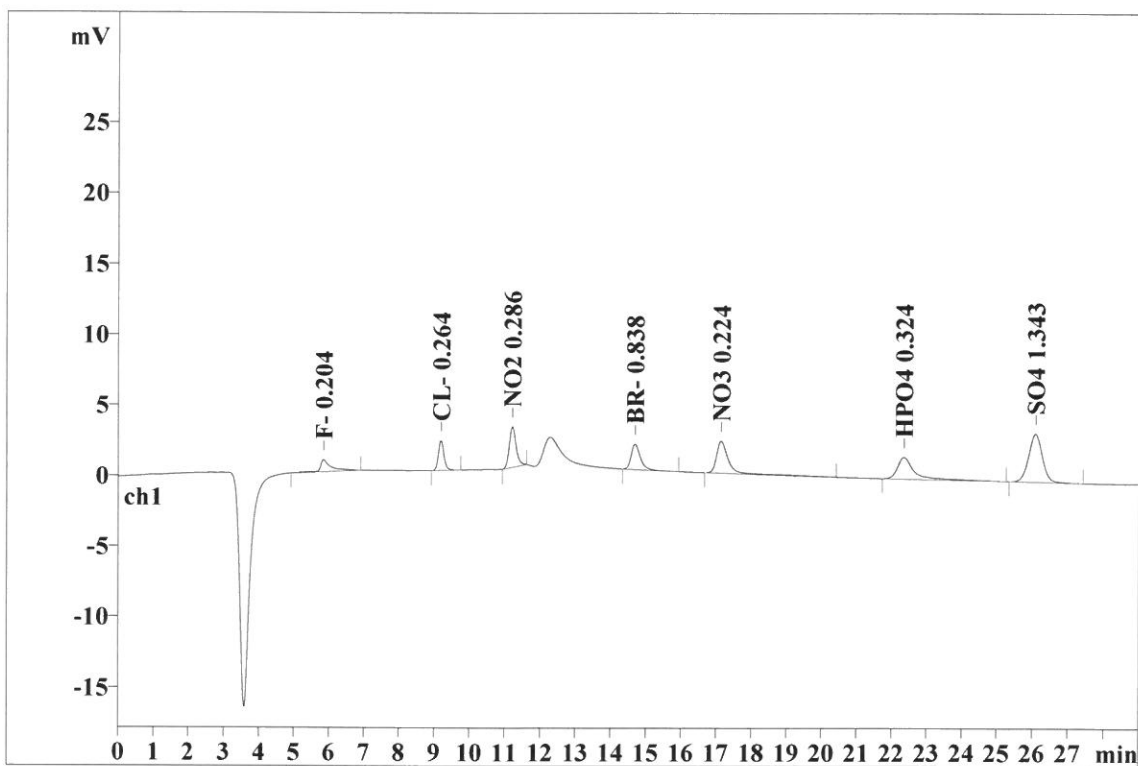
Ident: L1161-07  
Analysis from: 2/17/2020 5:19:09 PM  
File: \_2020-02-17\_

Last save: 2/18/2020 8:27:41 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24460

Last save: 2/14/2020 5:42:

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



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.83             | 0.247          | 0.86         | 5.77        | 19.285         | 6.14      |
| 2  | 9.18             | 0.169          | 2.12         | 14.25       | 23.958         | 7.63      |
| 3  | 11.19            | 0.201          | 2.86         | 19.23       | 38.445         | 12.24     |
| 4  | 14.68            | 0.266          | 1.81         | 12.14       | 33.048         | 10.53     |
| 5  | 17.13            | 0.317          | 2.27         | 15.28       | 54.121         | 17.24     |
| 6  | 22.34            | 0.422          | 1.53         | 10.32       | 52.319         | 16.66     |
| 7  | 26.07            | 0.411          | 3.41         | 22.92       | 92.796         | 29.56     |
| 7  | 29.00            | 0.290          | 14.86        | 99.92       | 313.972        | 100.00    |

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Report date: 2/18/2020 11:41:29 AM  
Printed by: wet

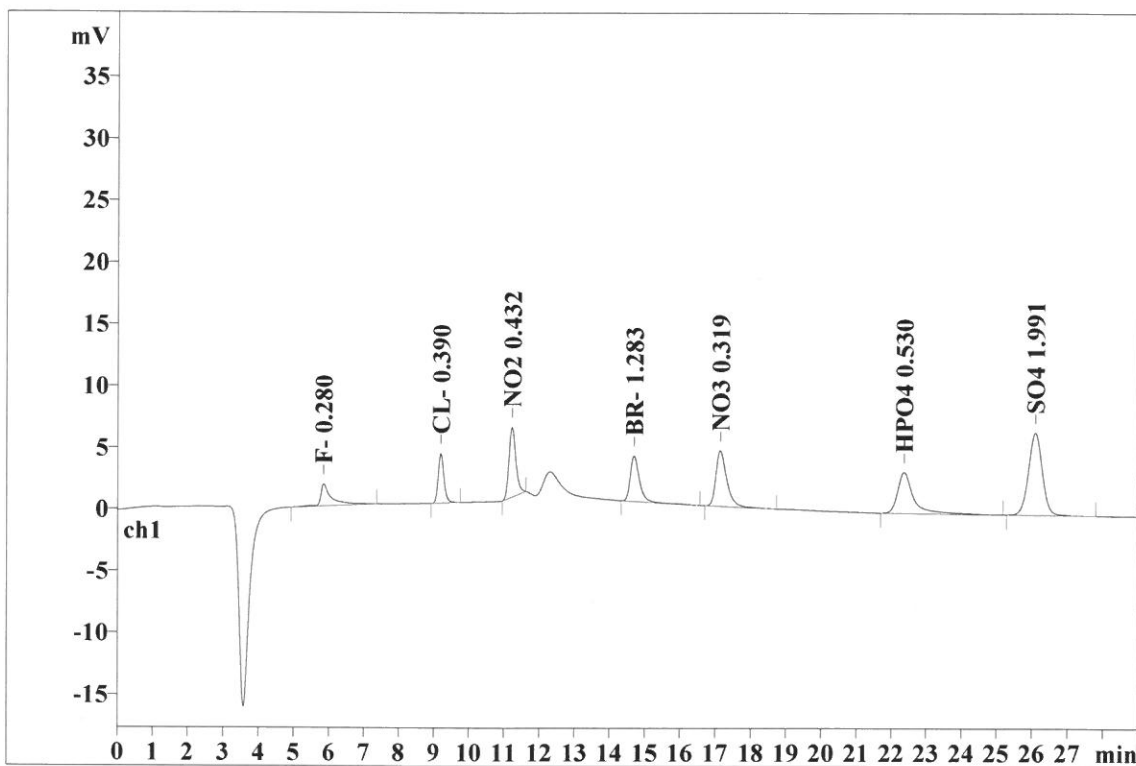
Ident: L1161-08  
Analysis from: 2/17/2020 5:50:45 PM  
File: \_2020-02-17\_

Last save: 2/18/2020 8:25:25 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24461

Last save: 2/14/2020 5:42:

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



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.84             | 0.234          | 1.81         | 6.08        | 40.235         | 6.53      |
| 2  | 9.18             | 0.172          | 4.02         | 13.52       | 46.289         | 7.51      |
| 3  | 11.20            | 0.205          | 5.68         | 19.11       | 77.152         | 12.52     |
| 4  | 14.69            | 0.263          | 3.70         | 12.45       | 67.477         | 10.95     |
| 5  | 17.12            | 0.311          | 4.50         | 15.15       | 96.124         | 15.60     |
| 6  | 22.34            | 0.418          | 3.33         | 11.21       | 108.099        | 17.55     |
| 7  | 26.08            | 0.410          | 6.67         | 22.46       | 180.699        | 29.33     |
| 7  | 29.00            | 0.287          | 29.70        | 99.96       | 616.076        | 100.00    |

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Report date: 2/18/2020 11:41:43 AM  
Printed by: wet

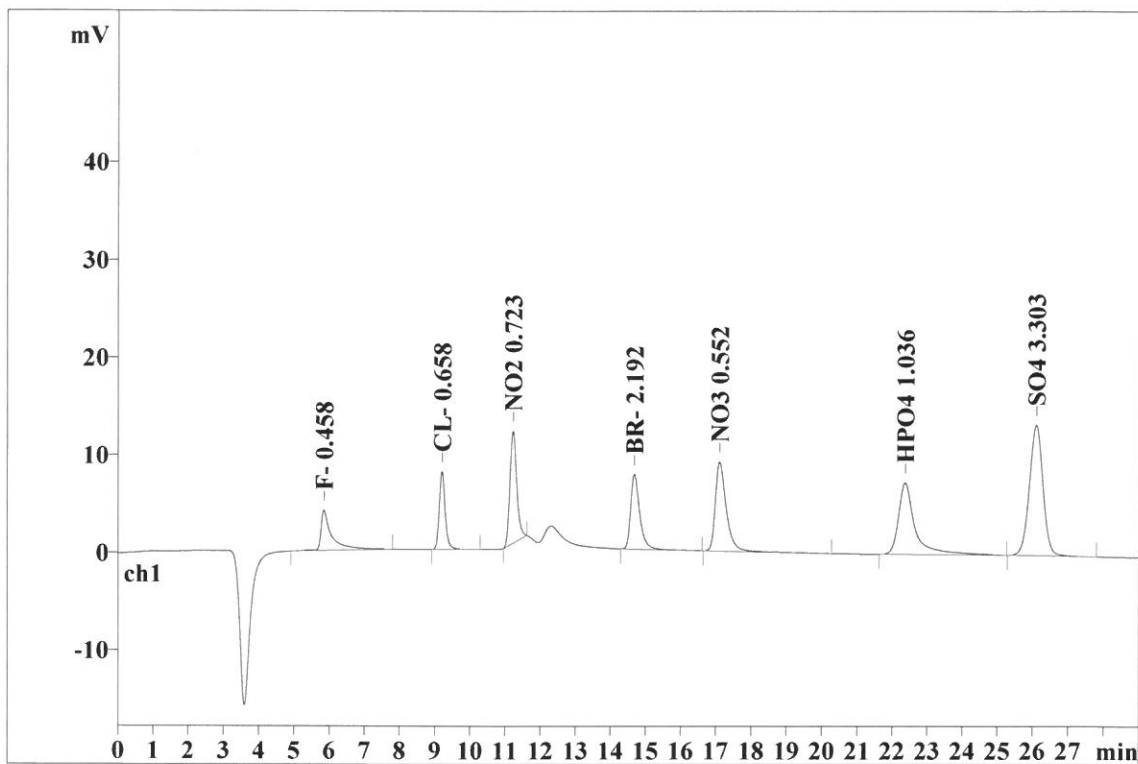
Ident: L1161-08RE  
Analysis from: 2/17/2020 6:22:21 PM  
File: \_2020-02-17\_

Last save: 2/18/2020 8:25:25 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24462

Last save: 2/14/2020 5:42:

SAMPLE:  
: AK/AP  
Vial number: 8  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.84             | 0.235          | 4.13         | 6.75        | 89.819         | 7.03      |
| 2  | 9.19             | 0.172          | 7.98         | 13.05       | 93.449         | 7.31      |
| 3  | 11.20            | 0.203          | 11.52        | 18.83       | 154.643        | 12.10     |
| 4  | 14.68            | 0.260          | 7.67         | 12.54       | 137.744        | 10.78     |
| 5  | 17.10            | 0.309          | 9.13         | 14.94       | 198.138        | 15.51     |
| 6  | 22.36            | 0.421          | 7.35         | 12.02       | 245.158        | 19.19     |
| 7  | 26.09            | 0.407          | 13.37        | 21.87       | 358.808        | 28.08     |
| 7  | 29.00            | 0.287          | 61.15        | 99.99       | 1277.761       | 100.00    |

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Report date: 2/18/2020 11:42:39 AM  
Printed by: wet

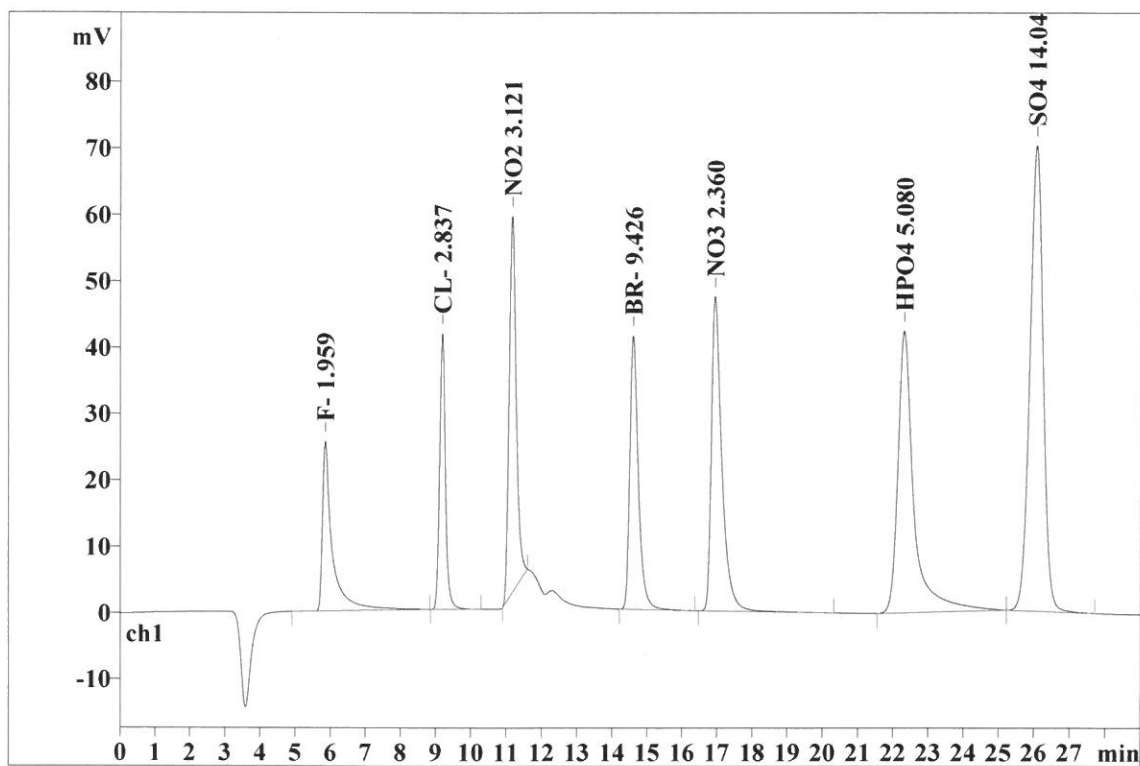
Ident: CCV  
Analysis from: 2/17/2020 6:53:59 PM  
File: \_2020-02-17\_

Last save: 2/18/2020 8:25:25 AM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24463

Last save: 2/14/2020 5:42:

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



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.85             | 0.223          | 25.54        | 7.85        | 506.558        | 7.65      |
| 2  | 9.17             | 0.167          | 41.64        | 12.79       | 476.958        | 7.20      |
| 3  | 11.14            | 0.210          | 57.01        | 17.51       | 792.224        | 11.96     |
| 4  | 14.59            | 0.245          | 41.26        | 12.67       | 696.982        | 10.53     |
| 5  | 16.93            | 0.299          | 47.39        | 14.56       | 992.895        | 15.00     |
| 6  | 22.30            | 0.401          | 42.48        | 13.05       | 1339.199       | 20.23     |
| 7  | 26.04            | 0.392          | 70.19        | 21.56       | 1816.629       | 27.44     |
| 7  | 29.00            | 0.277          | 325.51       | 100.00      | 6621.446       | 100.00    |

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Report date: 2/18/2020 11:42:50 AM  
Printed by: wet

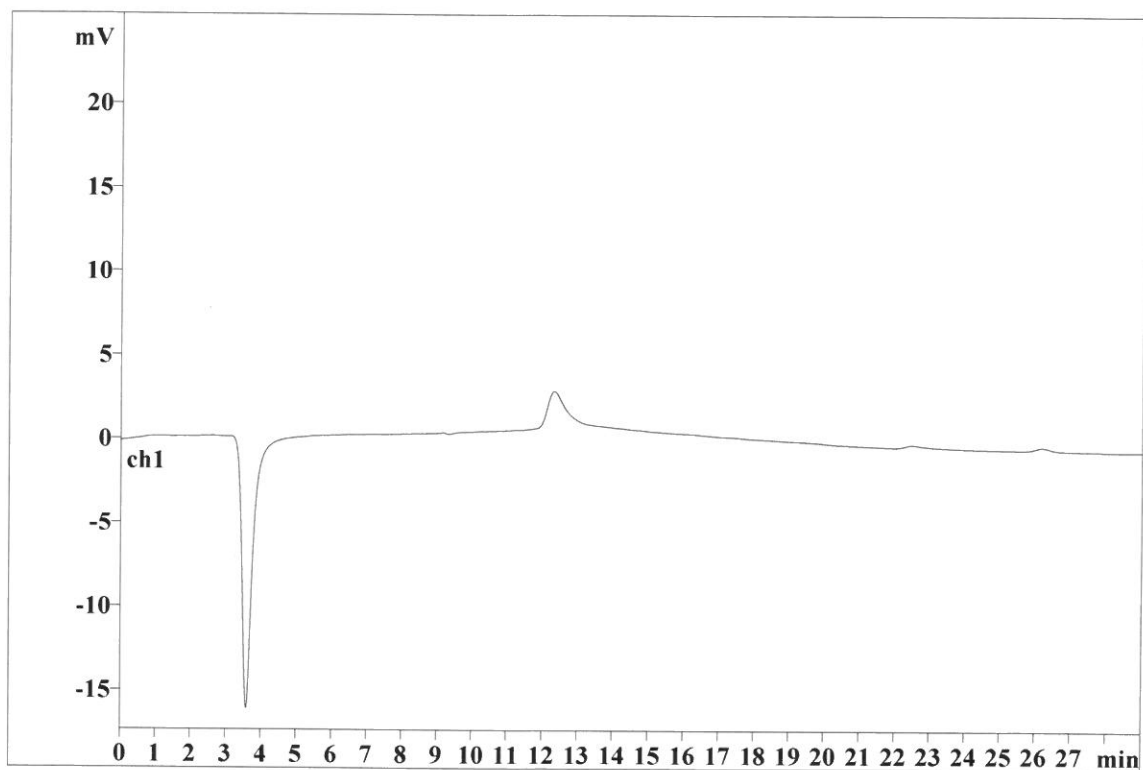
Ident: CCB  
Analysis from: 2/17/2020 7:25:36 PM  
File: \_2020-02-17\_

Last save: 2/17/2020 7:54:36 PM

Method: AnionsIC2-021420.mtw  
Run operator: wet  
Analysis number: 24464

Last save: 2/14/2020 5:42:

SAMPLE:  
: AK/AP  
Vial number: 13  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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