

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081921\  
 Data File : VW019810.D  
 Acq On : 19 Aug 2021 15:50  
 Operator : SY/VA  
 Sample : M3458-19RE  
 Misc : 4.99g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0B64RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M

Title : SFAM01.0

Signal : TIC: VW019810.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.361       | 69            | 75          | 91           | rVB      | 139435         | 289035        | 21.33%          | 3.507%        |
| 2         | 2.897       | 155           | 163         | 182          | rVB      | 111524         | 288947        | 21.32%          | 3.506%        |
| 3         | 3.385       | 241           | 243         | 245          | rBV2     | 315            | 276           | 0.02%           | 0.003%        |
| 4         | 3.422       | 248           | 249         | 251          | rBV2     | 246            | 167           | 0.01%           | 0.002%        |
| 5         | 3.470       | 255           | 257         | 259          | rVB2     | 242            | 180           | 0.01%           | 0.002%        |
| 6         | 3.568       | 271           | 273         | 276          | rVB2     | 390            | 260           | 0.02%           | 0.003%        |
| 7         | 3.598       | 276           | 278         | 282          | rBV3     | 330            | 304           | 0.02%           | 0.004%        |
| 8         | 3.635       | 282           | 284         | 286          | rBV2     | 278            | 217           | 0.02%           | 0.003%        |
| 9         | 3.671       | 289           | 290         | 293          | rBV2     | 230            | 222           | 0.02%           | 0.003%        |
| 10        | 4.025       | 336           | 348         | 365          | rBV      | 167192         | 523276        | 38.61%          | 6.349%        |
| 11        | 4.318       | 394           | 396         | 397          | rVB      | 348            | 196           | 0.01%           | 0.002%        |
| 12        | 4.354       | 400           | 402         | 405          | rBV2     | 182            | 169           | 0.01%           | 0.002%        |
| 13        | 4.513       | 426           | 428         | 432          | rBV3     | 255            | 303           | 0.02%           | 0.004%        |
| 14        | 4.623       | 438           | 446         | 447          | rBV      | 823            | 1467          | 0.11%           | 0.018%        |
| 15        | 4.769       | 468           | 470         | 473          | rBV2     | 169            | 210           | 0.02%           | 0.003%        |
| 16        | 4.921       | 484           | 495         | 510          | rVV2     | 10487          | 35142         | 2.59%           | 0.426%        |
| 17        | 5.019       | 510           | 511         | 513          | rVB2     | 389            | 249           | 0.02%           | 0.003%        |
| 18        | 5.122       | 526           | 528         | 530          | rVB2     | 281            | 211           | 0.02%           | 0.003%        |
| 19        | 5.165       | 533           | 535         | 539          | rVV2     | 161            | 211           | 0.02%           | 0.003%        |
| 20        | 5.208       | 539           | 542         | 547          | rVB2     | 216            | 282           | 0.02%           | 0.003%        |
| 21        | 5.470       | 581           | 585         | 588          | rVB2     | 253            | 327           | 0.02%           | 0.004%        |
| 22        | 5.641       | 610           | 613         | 615          | rBV2     | 203            | 180           | 0.01%           | 0.002%        |
| 23        | 5.952       | 656           | 664         | 671          | rVB5     | 1910           | 5188          | 0.38%           | 0.063%        |
| 24        | 6.012       | 671           | 674         | 679          | rBV2     | 273            | 474           | 0.03%           | 0.006%        |
| 25        | 6.141       | 693           | 695         | 697          | rVB      | 221            | 160           | 0.01%           | 0.002%        |
| 26        | 6.171       | 697           | 700         | 701          | rBV      | 288            | 219           | 0.02%           | 0.003%        |
| 27        | 6.409       | 736           | 739         | 742          | rBV2     | 178            | 240           | 0.02%           | 0.003%        |
| 28        | 6.439       | 742           | 744         | 746          | rVB2     | 249            | 193           | 0.01%           | 0.002%        |
| 29        | 6.567       | 764           | 765         | 768          | rVB      | 396            | 206           | 0.02%           | 0.002%        |
| 30        | 7.092       | 842           | 851         | 870          | rVV2     | 12141          | 41380         | 3.05%           | 0.502%        |
| 31        | 7.427       | 902           | 906         | 910          | rVB2     | 279            | 405           | 0.03%           | 0.005%        |
| 32        | 7.470       | 910           | 913         | 915          | rBV      | 188            | 239           | 0.02%           | 0.003%        |
| 33        | 7.537       | 921           | 924         | 927          | rBV2     | 317            | 389           | 0.03%           | 0.005%        |
| 34        | 7.652       | 931           | 943         | 958          | rVV      | 255332         | 619128        | 45.68%          | 7.512%        |
| 35        | 7.780       | 963           | 964         | 967          | rBV2     | 299            | 230           | 0.02%           | 0.003%        |
| 36        | 7.884       | 978           | 981         | 984          | rVB3     | 328            | 385           | 0.03%           | 0.005%        |

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 Sample : M3458-19RE  
 Misc : 4.99g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0B64RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.951  | 987  | 992  | 999  | rVV2 | 894    | 1589    | 0.12%   | 0.019%  |
| 38 | 8.085  | 1011 | 1014 | 1015 | rBV2 | 176    | 171     | 0.01%   | 0.002%  |
| 39 | 8.189  | 1028 | 1031 | 1035 | rVB2 | 162    | 203     | 0.01%   | 0.002%  |
| 40 | 8.280  | 1035 | 1046 | 1062 | rBV2 | 485302 | 1355317 | 100.00% | 16.444% |
| 41 | 8.543  | 1088 | 1089 | 1092 | rVB  | 178    | 157     | 0.01%   | 0.002%  |
| 42 | 8.567  | 1092 | 1093 | 1095 | rBV  | 191    | 174     | 0.01%   | 0.002%  |
| 43 | 8.738  | 1120 | 1121 | 1124 | rVB  | 240    | 197     | 0.01%   | 0.002%  |
| 44 | 8.847  | 1130 | 1139 | 1150 | rBV  | 452709 | 895023  | 66.04%  | 10.859% |
| 45 | 9.122  | 1182 | 1184 | 1187 | rVB  | 266    | 256     | 0.02%   | 0.003%  |
| 46 | 9.152  | 1187 | 1189 | 1192 | rBV2 | 273    | 225     | 0.02%   | 0.003%  |
| 47 | 9.274  | 1200 | 1209 | 1219 | rBV  | 323948 | 656800  | 48.46%  | 7.969%  |
| 48 | 9.573  | 1256 | 1258 | 1261 | rBV  | 197    | 176     | 0.01%   | 0.002%  |
| 49 | 9.634  | 1267 | 1268 | 1271 | rVV  | 209    | 209     | 0.02%   | 0.003%  |
| 50 | 9.670  | 1271 | 1274 | 1277 | rVB  | 336    | 337     | 0.02%   | 0.004%  |
| 51 | 9.920  | 1311 | 1315 | 1317 | rBV2 | 224    | 269     | 0.02%   | 0.003%  |
| 52 | 10.036 | 1327 | 1334 | 1342 | rBV  | 98053  | 176805  | 13.05%  | 2.145%  |
| 53 | 10.274 | 1368 | 1373 | 1374 | rBV2 | 169    | 275     | 0.02%   | 0.003%  |
| 54 | 10.329 | 1374 | 1382 | 1389 | rBV  | 621753 | 1097285 | 80.96%  | 13.314% |
| 55 | 10.451 | 1401 | 1402 | 1403 | rVB  | 561    | 205     | 0.02%   | 0.002%  |
| 56 | 10.475 | 1403 | 1406 | 1408 | rBV2 | 221    | 234     | 0.02%   | 0.003%  |
| 57 | 10.579 | 1416 | 1423 | 1434 | rVB  | 70520  | 120251  | 8.87%   | 1.459%  |
| 58 | 10.707 | 1439 | 1444 | 1450 | rVV  | 1864   | 3012    | 0.22%   | 0.037%  |
| 59 | 10.749 | 1450 | 1451 | 1454 | rVB2 | 255    | 157     | 0.01%   | 0.002%  |
| 60 | 10.926 | 1474 | 1480 | 1493 | rBV  | 37173  | 66976   | 4.94%   | 0.813%  |
| 61 | 11.103 | 1503 | 1509 | 1513 | rVB2 | 484    | 925     | 0.07%   | 0.011%  |
| 62 | 11.292 | 1538 | 1540 | 1542 | rVB  | 344    | 203     | 0.01%   | 0.002%  |
| 63 | 11.633 | 1588 | 1596 | 1604 | rBV  | 550358 | 893073  | 65.89%  | 10.836% |
| 64 | 11.835 | 1626 | 1629 | 1635 | rVV3 | 867    | 1208    | 0.09%   | 0.015%  |
| 65 | 11.914 | 1639 | 1642 | 1645 | rBV2 | 180    | 198     | 0.01%   | 0.002%  |
| 66 | 11.969 | 1650 | 1651 | 1655 | rBV  | 250    | 325     | 0.02%   | 0.004%  |
| 67 | 12.164 | 1681 | 1683 | 1685 | rVB  | 538    | 349     | 0.03%   | 0.004%  |
| 68 | 12.188 | 1685 | 1687 | 1689 | rBV2 | 243    | 211     | 0.02%   | 0.003%  |
| 69 | 12.426 | 1724 | 1726 | 1728 | rBV2 | 187    | 194     | 0.01%   | 0.002%  |
| 70 | 12.487 | 1734 | 1736 | 1740 | rBV2 | 129    | 189     | 0.01%   | 0.002%  |
| 71 | 12.603 | 1750 | 1755 | 1761 | rBV3 | 993    | 1520    | 0.11%   | 0.018%  |
| 72 | 12.694 | 1763 | 1770 | 1777 | rBV  | 158908 | 260555  | 19.22%  | 3.161%  |
| 73 | 12.810 | 1788 | 1789 | 1792 | rVB  | 250    | 198     | 0.01%   | 0.002%  |
| 74 | 12.847 | 1793 | 1795 | 1797 | rVV2 | 179    | 159     | 0.01%   | 0.002%  |
| 75 | 12.877 | 1797 | 1800 | 1801 | rVB2 | 276    | 262     | 0.02%   | 0.003%  |
| 76 | 12.932 | 1806 | 1809 | 1812 | rVB2 | 687    | 699     | 0.05%   | 0.008%  |

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 Sample : M3458-19RE  
 Misc : 4.99g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0B64RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.975 | 1814 | 1816 | 1820 | rBV2 | 155    | 193    | 0.01%  | 0.002% |
| 78  | 13.054 | 1827 | 1829 | 1831 | rBV2 | 231    | 213    | 0.02%  | 0.003% |
| 79  | 13.194 | 1846 | 1852 | 1854 | rBV2 | 315    | 511    | 0.04%  | 0.006% |
| 80  | 13.219 | 1854 | 1856 | 1858 | rBV2 | 201    | 168    | 0.01%  | 0.002% |
| 81  | 13.249 | 1858 | 1861 | 1866 | rVB2 | 795    | 912    | 0.07%  | 0.011% |
| 82  | 13.456 | 1893 | 1895 | 1897 | rVB  | 272    | 191    | 0.01%  | 0.002% |
| 83  | 13.475 | 1897 | 1898 | 1903 | rBV2 | 200    | 271    | 0.02%  | 0.003% |
| 84  | 13.560 | 1903 | 1912 | 1920 | rBV  | 282045 | 456103 | 33.65% | 5.534% |
| 85  | 13.645 | 1923 | 1926 | 1931 | rVV5 | 3184   | 5155   | 0.38%  | 0.063% |
| 86  | 13.706 | 1935 | 1936 | 1938 | rVB2 | 441    | 257    | 0.02%  | 0.003% |
| 87  | 13.853 | 1953 | 1960 | 1968 | rBV  | 260998 | 417452 | 30.80% | 5.065% |
| 88  | 13.987 | 1979 | 1982 | 1983 | rBV2 | 304    | 253    | 0.02%  | 0.003% |
| 89  | 14.072 | 1989 | 1996 | 1999 | rBV5 | 1052   | 2440   | 0.18%  | 0.030% |
| 90  | 14.285 | 2030 | 2031 | 2032 | rBV  | 377    | 178    | 0.01%  | 0.002% |
| 91  | 14.304 | 2032 | 2034 | 2038 | rVV5 | 437    | 648    | 0.05%  | 0.008% |
| 92  | 14.407 | 2048 | 2051 | 2052 | rBV2 | 474    | 481    | 0.04%  | 0.006% |
| 93  | 14.517 | 2064 | 2069 | 2074 | rBV4 | 2275   | 3652   | 0.27%  | 0.044% |
| 94  | 14.688 | 2093 | 2097 | 2098 | rBV3 | 354    | 446    | 0.03%  | 0.005% |
| 95  | 14.718 | 2099 | 2102 | 2111 | rVB5 | 2071   | 2664   | 0.20%  | 0.032% |
| 96  | 15.047 | 2154 | 2156 | 2159 | rVB2 | 247    | 189    | 0.01%  | 0.002% |
| 97  | 15.096 | 2162 | 2164 | 2167 | rVB2 | 374    | 274    | 0.02%  | 0.003% |
| 98  | 15.236 | 2185 | 2187 | 2193 | rVB4 | 865    | 1558   | 0.11%  | 0.019% |
| 99  | 15.803 | 2278 | 2280 | 2281 | rBV  | 342    | 173    | 0.01%  | 0.002% |
| 100 | 15.938 | 2300 | 2302 | 2304 | rBV2 | 351    | 224    | 0.02%  | 0.003% |

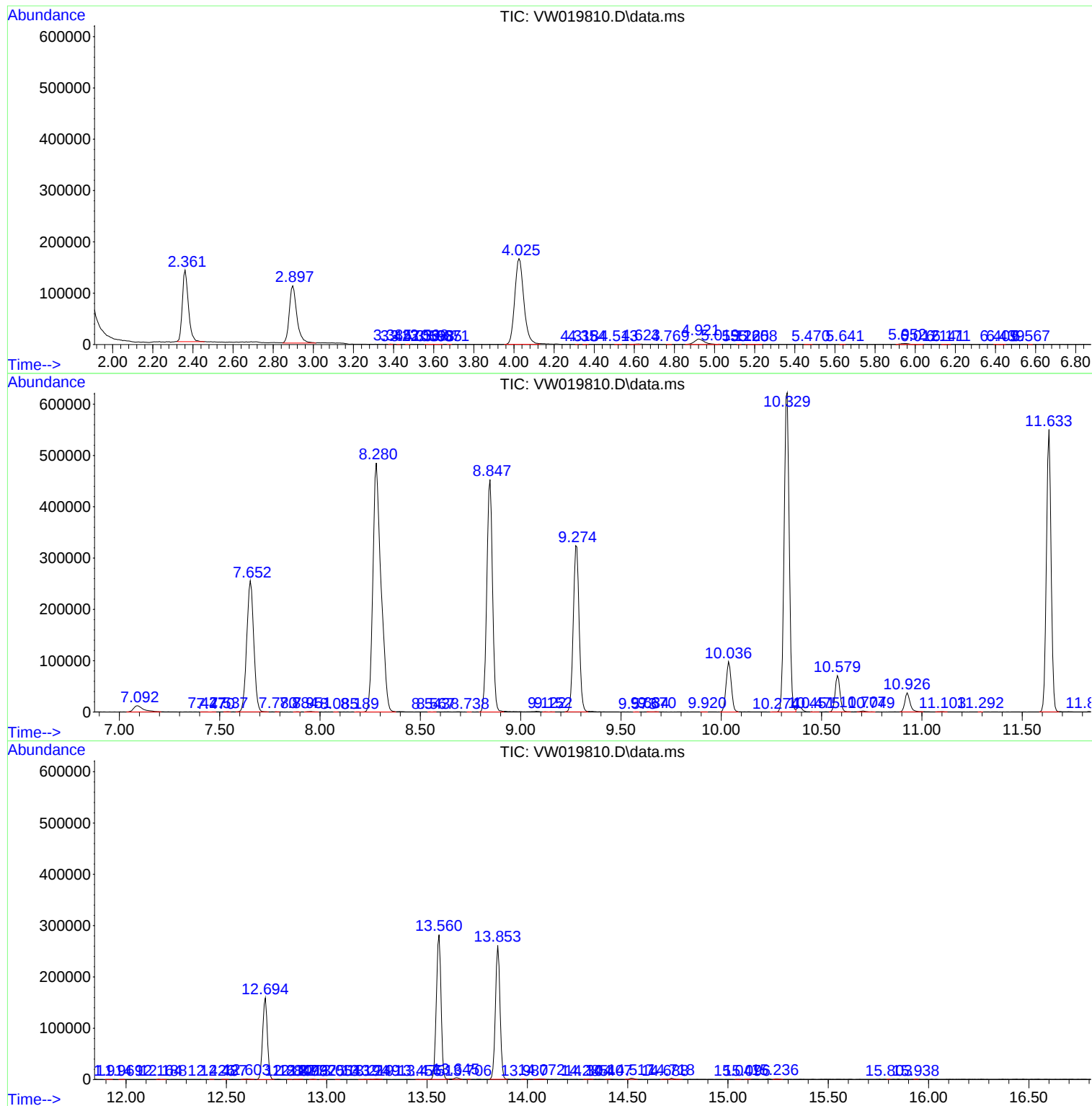
Sum of corrected areas: 8241844

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Sample : M3458-19RE  
Misc : 4.99g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0B64RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081921\  
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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |

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