

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120524\  
 Data File : VD080108.D  
 Acq On : 05 Dec 2024 16:54  
 Operator : RP/MD  
 Sample : P5066-04  
 Misc : 7.20G/10ml/MSVOA\_D/SOIL/B  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E28M3

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\_D\Method\SFAMDLM120524SMA.M  
 Title : SFAM01.0

Signal : TIC: VD080109.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         | 1.646       | 7             | 10          | 12           | rBV2     | 775            | 599           | 0.09%           | 0.014%        |
| 2         | 1.687       | 12            | 17          | 20           | rBV      | 7309           | 13232         | 1.97%           | 0.307%        |
| 3         | 1.740       | 20            | 26          | 37           | rVB      | 284633         | 484147        | 72.19%          | 11.247%       |
| 4         | 1.893       | 49            | 52          | 58           | rVB2     | 11749          | 16274         | 2.43%           | 0.378%        |
| 5         | 2.064       | 80            | 81          | 83           | rBV      | 1495           | 1227          | 0.18%           | 0.029%        |
| 6         | 2.269       | 108           | 116         | 126          | rBV      | 129020         | 194243        | 28.96%          | 4.512%        |
| 7         | 2.581       | 163           | 169         | 170          | rBV3     | 3243           | 4653          | 0.69%           | 0.108%        |
| 8         | 2.681       | 182           | 186         | 187          | rBV2     | 1367           | 2123          | 0.32%           | 0.049%        |
| 9         | 2.787       | 197           | 204         | 215          | rBV2     | 82886          | 154747        | 23.07%          | 3.595%        |
| 10        | 2.875       | 218           | 219         | 222          | rVB      | 1179           | 1039          | 0.15%           | 0.024%        |
| 11        | 2.899       | 222           | 223         | 225          | rBV      | 1320           | 1012          | 0.15%           | 0.024%        |
| 12        | 2.934       | 225           | 229         | 230          | rVV4     | 2163           | 2828          | 0.42%           | 0.066%        |
| 13        | 2.952       | 230           | 232         | 237          | rVV      | 1504           | 1797          | 0.27%           | 0.042%        |
| 14        | 2.987       | 237           | 238         | 241          | rVB      | 841            | 589           | 0.09%           | 0.014%        |
| 15        | 3.469       | 314           | 320         | 326          | rBV3     | 2012           | 4876          | 0.73%           | 0.113%        |
| 16        | 3.546       | 331           | 333         | 337          | rVB2     | 595            | 690           | 0.10%           | 0.016%        |
| 17        | 3.687       | 356           | 357         | 362          | rBV2     | 853            | 1035          | 0.15%           | 0.024%        |
| 18        | 3.911       | 384           | 395         | 406          | rBV      | 90315          | 237393        | 35.40%          | 5.515%        |
| 19        | 4.146       | 434           | 435         | 439          | rVB2     | 687            | 751           | 0.11%           | 0.017%        |
| 20        | 4.299       | 457           | 461         | 470          | rVB5     | 3517           | 9536          | 1.42%           | 0.222%        |
| 21        | 4.463       | 486           | 489         | 491          | rBV2     | 821            | 799           | 0.12%           | 0.019%        |
| 22        | 4.552       | 501           | 504         | 508          | rVV2     | 1013           | 1184          | 0.18%           | 0.028%        |
| 23        | 4.769       | 539           | 541         | 542          | rBV      | 954            | 714           | 0.11%           | 0.017%        |
| 24        | 4.787       | 542           | 544         | 546          | rVV      | 1342           | 1354          | 0.20%           | 0.031%        |
| 25        | 5.122       | 600           | 601         | 603          | rBV      | 752            | 673           | 0.10%           | 0.016%        |
| 26        | 5.293       | 627           | 630         | 632          | rBV      | 823            | 940           | 0.14%           | 0.022%        |
| 27        | 5.440       | 650           | 655         | 656          | rBV2     | 840            | 1108          | 0.17%           | 0.026%        |
| 28        | 5.593       | 678           | 681         | 684          | rVV2     | 689            | 752           | 0.11%           | 0.017%        |
| 29        | 5.646       | 689           | 690         | 692          | rBV      | 842            | 634           | 0.09%           | 0.015%        |
| 30        | 5.910       | 733           | 735         | 737          | rBV      | 775            | 673           | 0.10%           | 0.016%        |
| 31        | 5.981       | 744           | 747         | 748          | rBV      | 795            | 843           | 0.13%           | 0.020%        |
| 32        | 6.199       | 780           | 784         | 785          | rBV      | 630            | 836           | 0.12%           | 0.019%        |
| 33        | 6.316       | 800           | 804         | 806          | rBV2     | 852            | 1012          | 0.15%           | 0.024%        |
| 34        | 6.452       | 826           | 827         | 830          | rBV2     | 554            | 620           | 0.09%           | 0.014%        |
| 35        | 6.587       | 849           | 850         | 852          | rBV      | 1123           | 617           | 0.09%           | 0.014%        |
| 36        | 6.687       | 865           | 867         | 872          | rBV2     | 671            | 689           | 0.10%           | 0.016%        |

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E28M3

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\_D\Method\SFAMDLM120524SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 6.852  | 893  | 895  | 897  | rVB2 | 1002   | 794    | 0.12%   | 0.018%  |
| 38 | 6.875  | 897  | 899  | 902  | rBV2 | 1057   | 1229   | 0.18%   | 0.029%  |
| 39 | 6.993  | 911  | 919  | 926  | rBV2 | 13581  | 37487  | 5.59%   | 0.871%  |
| 40 | 7.081  | 928  | 934  | 944  | rVB2 | 11370  | 31966  | 4.77%   | 0.743%  |
| 41 | 7.346  | 977  | 979  | 984  | rVV  | 791    | 891    | 0.13%   | 0.021%  |
| 42 | 7.569  | 1007 | 1017 | 1029 | rVB  | 119166 | 317555 | 47.35%  | 7.377%  |
| 43 | 7.746  | 1043 | 1047 | 1049 | rVB2 | 1070   | 1150   | 0.17%   | 0.027%  |
| 44 | 7.875  | 1068 | 1069 | 1073 | rVB2 | 847    | 782    | 0.12%   | 0.018%  |
| 45 | 8.063  | 1099 | 1101 | 1104 | rBV  | 563    | 661    | 0.10%   | 0.015%  |
| 46 | 8.099  | 1104 | 1107 | 1108 | rVB2 | 1333   | 934    | 0.14%   | 0.022%  |
| 47 | 8.204  | 1114 | 1125 | 1141 | rBV3 | 227080 | 670685 | 100.00% | 15.580% |
| 48 | 8.775  | 1212 | 1222 | 1233 | rBV  | 259796 | 535821 | 79.89%  | 12.447% |
| 49 | 9.210  | 1287 | 1296 | 1308 | rBV  | 163617 | 341725 | 50.95%  | 7.938%  |
| 50 | 9.522  | 1348 | 1349 | 1351 | rBV  | 880    | 653    | 0.10%   | 0.015%  |
| 51 | 9.598  | 1360 | 1362 | 1363 | rBV  | 1055   | 716    | 0.11%   | 0.017%  |
| 52 | 9.840  | 1397 | 1403 | 1407 | rVB3 | 2523   | 4298   | 0.64%   | 0.100%  |
| 53 | 9.975  | 1417 | 1426 | 1438 | rBV2 | 47431  | 87621  | 13.06%  | 2.035%  |
| 54 | 10.157 | 1454 | 1457 | 1461 | rVB2 | 1170   | 1511   | 0.23%   | 0.035%  |
| 55 | 10.198 | 1461 | 1464 | 1467 | rVB2 | 1310   | 1811   | 0.27%   | 0.042%  |
| 56 | 10.269 | 1469 | 1476 | 1483 | rBV  | 175151 | 314758 | 46.93%  | 7.312%  |
| 57 | 10.381 | 1492 | 1495 | 1498 | rBV3 | 525    | 646    | 0.10%   | 0.015%  |
| 58 | 10.451 | 1506 | 1507 | 1511 | rVB2 | 1377   | 1240   | 0.18%   | 0.029%  |
| 59 | 10.522 | 1513 | 1519 | 1529 | rBV2 | 21927  | 39964  | 5.96%   | 0.928%  |
| 60 | 10.657 | 1536 | 1542 | 1550 | rBV2 | 15002  | 26111  | 3.89%   | 0.607%  |
| 61 | 10.710 | 1550 | 1551 | 1554 | rVB  | 732    | 712    | 0.11%   | 0.017%  |
| 62 | 10.751 | 1557 | 1558 | 1561 | rVB2 | 1260   | 864    | 0.13%   | 0.020%  |
| 63 | 10.798 | 1564 | 1566 | 1568 | rVB2 | 1453   | 833    | 0.12%   | 0.019%  |
| 64 | 10.875 | 1570 | 1579 | 1586 | rBV2 | 41592  | 74436  | 11.10%  | 1.729%  |
| 65 | 11.028 | 1601 | 1605 | 1612 | rVB4 | 5214   | 7552   | 1.13%   | 0.175%  |
| 66 | 11.128 | 1620 | 1622 | 1624 | rBV2 | 1559   | 859    | 0.13%   | 0.020%  |
| 67 | 11.240 | 1640 | 1641 | 1647 | rBV2 | 811    | 983    | 0.15%   | 0.023%  |
| 68 | 11.287 | 1647 | 1649 | 1651 | rVB2 | 982    | 1000   | 0.15%   | 0.023%  |
| 69 | 11.334 | 1654 | 1657 | 1659 | rBV2 | 785    | 1022   | 0.15%   | 0.024%  |
| 70 | 11.398 | 1666 | 1668 | 1674 | rVB2 | 2524   | 3397   | 0.51%   | 0.079%  |
| 71 | 11.581 | 1691 | 1699 | 1707 | rBV  | 175608 | 302929 | 45.17%  | 7.037%  |
| 72 | 11.734 | 1723 | 1725 | 1728 | rBV2 | 840    | 855    | 0.13%   | 0.020%  |
| 73 | 11.963 | 1761 | 1764 | 1765 | rBV2 | 1108   | 744    | 0.11%   | 0.017%  |
| 74 | 12.010 | 1770 | 1772 | 1774 | rVB2 | 1205   | 883    | 0.13%   | 0.021%  |
| 75 | 12.034 | 1774 | 1776 | 1778 | rBV2 | 846    | 698    | 0.10%   | 0.016%  |
| 76 | 12.057 | 1778 | 1780 | 1782 | rBV  | 1141   | 974    | 0.15%   | 0.023%  |

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E28M3

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\_D\Method\SFAMDLM120524SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 77  | 12.528 | 1858 | 1860 | 1863 | rVB2 | 805   | 820    | 0.12%  | 0.019% |
| 78  | 12.575 | 1863 | 1868 | 1874 | rBV2 | 11479 | 21316  | 3.18%  | 0.495% |
| 79  | 12.651 | 1874 | 1881 | 1889 | rVV  | 92164 | 156211 | 23.29% | 3.629% |
| 80  | 12.704 | 1889 | 1890 | 1893 | rVB  | 995   | 601    | 0.09%  | 0.014% |
| 81  | 12.904 | 1920 | 1924 | 1926 | rBV3 | 1853  | 1904   | 0.28%  | 0.044% |
| 82  | 13.034 | 1944 | 1946 | 1949 | rBV2 | 865   | 950    | 0.14%  | 0.022% |
| 83  | 13.087 | 1953 | 1955 | 1957 | rBV  | 961   | 634    | 0.09%  | 0.015% |
| 84  | 13.134 | 1962 | 1963 | 1965 | rBV  | 717   | 598    | 0.09%  | 0.014% |
| 85  | 13.157 | 1965 | 1967 | 1970 | rVB3 | 1397  | 1111   | 0.17%  | 0.026% |
| 86  | 13.357 | 2000 | 2001 | 2007 | rBV3 | 1065  | 1716   | 0.26%  | 0.040% |
| 87  | 13.457 | 2014 | 2018 | 2019 | rBV  | 1310  | 1176   | 0.18%  | 0.027% |
| 88  | 13.475 | 2019 | 2021 | 2022 | rBV  | 996   | 734    | 0.11%  | 0.017% |
| 89  | 13.516 | 2022 | 2028 | 2034 | rVV2 | 51241 | 79062  | 11.79% | 1.837% |
| 90  | 13.610 | 2041 | 2044 | 2045 | rBV2 | 1093  | 1137   | 0.17%  | 0.026% |
| 91  | 13.810 | 2073 | 2078 | 2085 | rVB  | 31170 | 53776  | 8.02%  | 1.249% |
| 92  | 14.039 | 2115 | 2117 | 2123 | rVB3 | 4841  | 6826   | 1.02%  | 0.159% |
| 93  | 14.116 | 2128 | 2130 | 2132 | rBV2 | 787   | 590    | 0.09%  | 0.014% |
| 94  | 14.428 | 2181 | 2183 | 2184 | rVB2 | 1284  | 600    | 0.09%  | 0.014% |
| 95  | 14.451 | 2184 | 2187 | 2188 | rBV  | 1540  | 1590   | 0.24%  | 0.037% |
| 96  | 14.557 | 2204 | 2205 | 2206 | rBV  | 1542  | 823    | 0.12%  | 0.019% |
| 97  | 14.657 | 2221 | 2222 | 2225 | rBV  | 1167  | 954    | 0.14%  | 0.022% |
| 98  | 15.116 | 2298 | 2300 | 2301 | rBV  | 1866  | 1102   | 0.16%  | 0.026% |
| 99  | 15.875 | 2426 | 2429 | 2431 | rBV2 | 2430  | 2878   | 0.43%  | 0.067% |
| 100 | 16.533 | 2539 | 2541 | 2544 | rBV2 | 1746  | 1681   | 0.25%  | 0.039% |

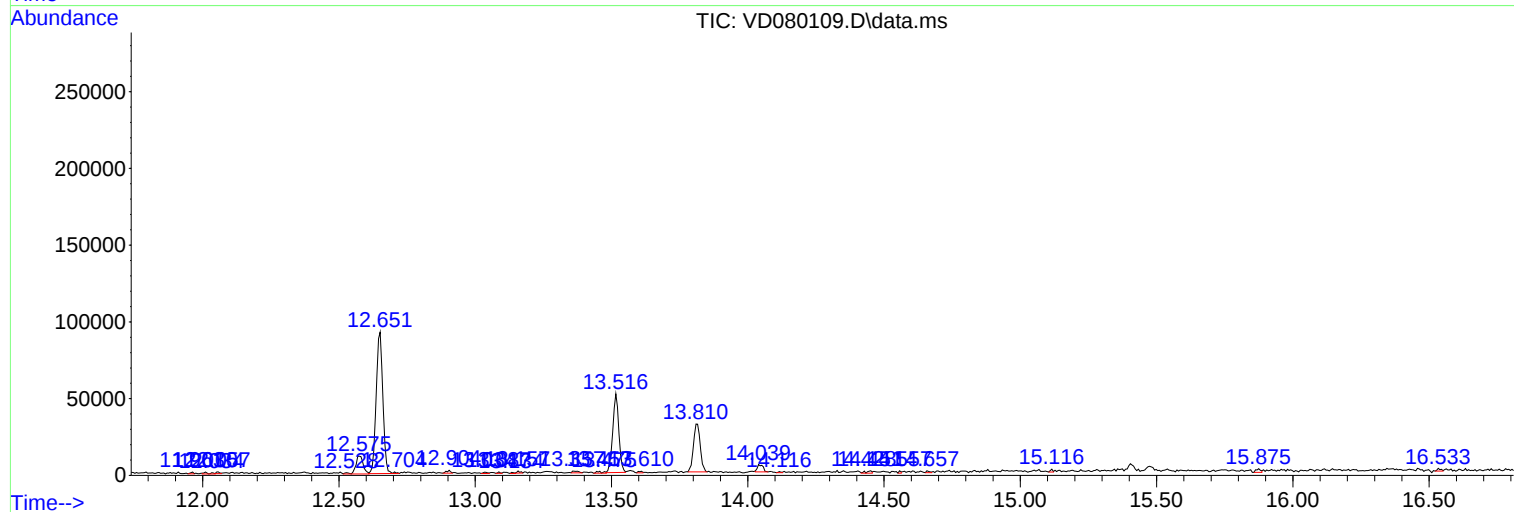
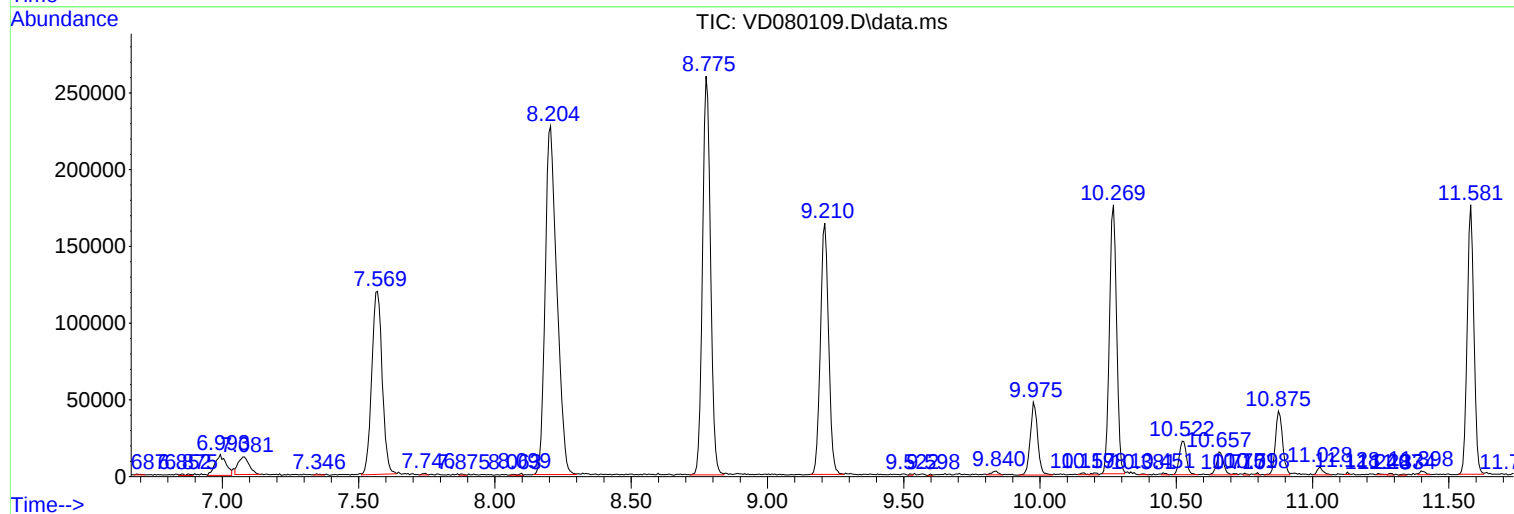
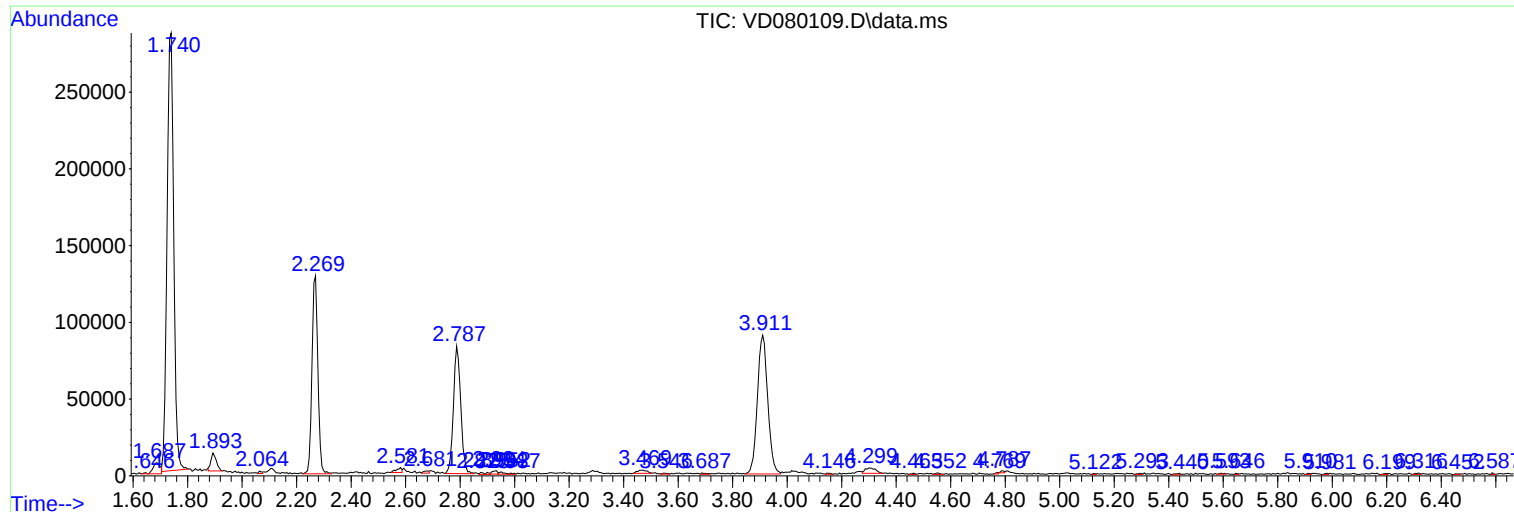
Sum of corrected areas: 4304779

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM120524SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120524\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM120524SMA.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

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Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

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