

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121924\  
 Data File : VW031373.D  
 Acq On : 19 Dec 2024 10:32  
 Operator : SY/MD  
 Sample : P5265-01RE  
 Misc : 6.81g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E28Y6RE

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\SFAMWLM121324SMA.M  
 Title : SFAM01.0

Signal : TIC: VW031373.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         | 2.168       | 38            | 46          | 47           | rBV2     | 14156          | 28118         | 1.13%           | 0.231%        |
| 2         | 2.357       | 70            | 77          | 90           | rBV      | 117984         | 304310        | 12.26%          | 2.501%        |
| 3         | 2.893       | 158           | 165         | 179          | rBV      | 89158          | 263954        | 10.63%          | 2.169%        |
| 4         | 3.387       | 245           | 246         | 249          | rVB3     | 1388           | 964           | 0.04%           | 0.008%        |
| 5         | 3.430       | 251           | 253         | 254          | rVV2     | 1020           | 732           | 0.03%           | 0.006%        |
| 6         | 3.448       | 254           | 256         | 257          | rVV2     | 1520           | 1195          | 0.05%           | 0.010%        |
| 7         | 3.490       | 261           | 263         | 265          | rVB3     | 1203           | 1161          | 0.05%           | 0.010%        |
| 8         | 3.582       | 273           | 278         | 280          | rBV5     | 1419           | 1466          | 0.06%           | 0.012%        |
| 9         | 3.698       | 295           | 297         | 299          | rVB3     | 860            | 608           | 0.02%           | 0.005%        |
| 10        | 3.771       | 307           | 309         | 312          | rVB4     | 988            | 1020          | 0.04%           | 0.008%        |
| 11        | 3.868       | 323           | 325         | 328          | rVB4     | 1026           | 891           | 0.04%           | 0.007%        |
| 12        | 3.911       | 331           | 332         | 335          | rVB3     | 1083           | 585           | 0.02%           | 0.005%        |
| 13        | 4.015       | 337           | 349         | 368          | rBV      | 159403         | 524424        | 21.13%          | 4.310%        |
| 14        | 4.192       | 377           | 378         | 387          | rVB7     | 2578           | 4256          | 0.17%           | 0.035%        |
| 15        | 4.295       | 392           | 395         | 399          | rVB5     | 861            | 1277          | 0.05%           | 0.010%        |
| 16        | 4.374       | 406           | 408         | 409          | rBV2     | 708            | 596           | 0.02%           | 0.005%        |
| 17        | 4.393       | 409           | 411         | 418          | rVB7     | 1995           | 2862          | 0.12%           | 0.024%        |
| 18        | 4.448       | 418           | 420         | 423          | rVB4     | 1389           | 1470          | 0.06%           | 0.012%        |
| 19        | 4.490       | 423           | 427         | 428          | rBV4     | 782            | 1012          | 0.04%           | 0.008%        |
| 20        | 4.515       | 428           | 431         | 433          | rVB4     | 784            | 1012          | 0.04%           | 0.008%        |
| 21        | 4.539       | 433           | 435         | 437          | rBV3     | 875            | 842           | 0.03%           | 0.007%        |
| 22        | 4.563       | 437           | 439         | 441          | rVB3     | 686            | 558           | 0.02%           | 0.005%        |
| 23        | 4.600       | 444           | 445         | 449          | rBV4     | 458            | 552           | 0.02%           | 0.005%        |
| 24        | 4.673       | 455           | 457         | 459          | rBV2     | 963            | 705           | 0.03%           | 0.006%        |
| 25        | 4.722       | 462           | 465         | 467          | rBV2     | 534            | 806           | 0.03%           | 0.007%        |
| 26        | 4.765       | 469           | 472         | 476          | rVB5     | 1067           | 1341          | 0.05%           | 0.011%        |
| 27        | 4.801       | 476           | 478         | 480          | rBV3     | 677            | 644           | 0.03%           | 0.005%        |
| 28        | 4.826       | 480           | 482         | 486          | rVB4     | 845            | 1063          | 0.04%           | 0.009%        |
| 29        | 4.905       | 488           | 495         | 500          | rBV8     | 1328           | 3375          | 0.14%           | 0.028%        |
| 30        | 4.954       | 502           | 503         | 507          | rVB3     | 1227           | 938           | 0.04%           | 0.008%        |
| 31        | 4.990       | 507           | 509         | 513          | rBV4     | 556            | 663           | 0.03%           | 0.005%        |
| 32        | 5.106       | 522           | 528         | 529          | rBV6     | 1164           | 1818          | 0.07%           | 0.015%        |
| 33        | 5.210       | 542           | 545         | 546          | rBV3     | 905            | 658           | 0.03%           | 0.005%        |
| 34        | 5.228       | 546           | 548         | 551          | rVB4     | 1252           | 1307          | 0.05%           | 0.011%        |
| 35        | 5.277       | 554           | 556         | 558          | rBV3     | 502            | 584           | 0.02%           | 0.005%        |
| 36        | 5.380       | 571           | 573         | 576          | rBV3     | 434            | 630           | 0.03%           | 0.005%        |

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 Sample : P5265-01RE  
 Misc : 6.81g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E28Y6RE

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\SFAMWLM121324SMA.M  
 Title : SFAM01.0

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 37 | 5.423 | 578  | 580  | 581  | rBV2 | 929    | 691    | 0.03%  | 0.006% |
| 38 | 5.435 | 581  | 582  | 586  | rVB4 | 642    | 622    | 0.03%  | 0.005% |
| 39 | 5.478 | 586  | 589  | 592  | rVB5 | 736    | 900    | 0.04%  | 0.007% |
| 40 | 5.521 | 592  | 596  | 597  | rBV4 | 953    | 928    | 0.04%  | 0.008% |
| 41 | 5.533 | 597  | 598  | 602  | rVB3 | 683    | 662    | 0.03%  | 0.005% |
| 42 | 5.758 | 632  | 635  | 636  | rBV3 | 1224   | 826    | 0.03%  | 0.007% |
| 43 | 5.899 | 654  | 658  | 659  | rBV4 | 1045   | 1148   | 0.05%  | 0.009% |
| 44 | 5.929 | 659  | 663  | 664  | rBV3 | 1643   | 2051   | 0.08%  | 0.017% |
| 45 | 6.081 | 685  | 688  | 690  | rVV3 | 831    | 821    | 0.03%  | 0.007% |
| 46 | 6.106 | 690  | 692  | 695  | rVV3 | 748    | 742    | 0.03%  | 0.006% |
| 47 | 6.173 | 701  | 703  | 706  | rBV3 | 1053   | 983    | 0.04%  | 0.008% |
| 48 | 6.264 | 716  | 718  | 721  | rVB4 | 835    | 863    | 0.03%  | 0.007% |
| 49 | 6.301 | 721  | 724  | 726  | rBV3 | 845    | 1176   | 0.05%  | 0.010% |
| 50 | 6.484 | 750  | 754  | 756  | rBV4 | 773    | 1111   | 0.04%  | 0.009% |
| 51 | 6.587 | 769  | 771  | 773  | rVB3 | 847    | 750    | 0.03%  | 0.006% |
| 52 | 6.636 | 776  | 779  | 782  | rBV5 | 641    | 742    | 0.03%  | 0.006% |
| 53 | 6.697 | 787  | 789  | 792  | rBV4 | 801    | 895    | 0.04%  | 0.007% |
| 54 | 6.752 | 796  | 798  | 801  | rVB3 | 830    | 1040   | 0.04%  | 0.009% |
| 55 | 6.789 | 801  | 804  | 805  | rVB2 | 983    | 986    | 0.04%  | 0.008% |
| 56 | 6.923 | 821  | 826  | 830  | rBV7 | 1561   | 2840   | 0.11%  | 0.023% |
| 57 | 7.093 | 844  | 854  | 879  | rBV3 | 50246  | 210674 | 8.49%  | 1.731% |
| 58 | 7.258 | 879  | 881  | 883  | rVV2 | 1839   | 1801   | 0.07%  | 0.015% |
| 59 | 7.282 | 883  | 885  | 886  | rVV2 | 1326   | 962    | 0.04%  | 0.008% |
| 60 | 7.301 | 886  | 888  | 889  | rVV2 | 769    | 647    | 0.03%  | 0.005% |
| 61 | 7.350 | 893  | 896  | 897  | rVV3 | 1349   | 1160   | 0.05%  | 0.010% |
| 62 | 7.368 | 897  | 899  | 903  | rVB5 | 804    | 958    | 0.04%  | 0.008% |
| 63 | 7.465 | 912  | 915  | 917  | rVB3 | 1097   | 1357   | 0.05%  | 0.011% |
| 64 | 7.490 | 917  | 919  | 923  | rBV5 | 1193   | 1851   | 0.07%  | 0.015% |
| 65 | 7.520 | 923  | 924  | 925  | rVV  | 1209   | 836    | 0.03%  | 0.007% |
| 66 | 7.545 | 926  | 928  | 930  | rVV2 | 1821   | 1964   | 0.08%  | 0.016% |
| 67 | 7.642 | 934  | 944  | 959  | rVV  | 260733 | 651869 | 26.26% | 5.357% |
| 68 | 7.740 | 959  | 960  | 963  | rVV3 | 1138   | 1390   | 0.06%  | 0.011% |
| 69 | 7.764 | 963  | 964  | 966  | rVV2 | 1303   | 749    | 0.03%  | 0.006% |
| 70 | 7.788 | 966  | 968  | 970  | rVV3 | 1279   | 1340   | 0.05%  | 0.011% |
| 71 | 7.843 | 974  | 977  | 979  | rBV4 | 1477   | 2063   | 0.08%  | 0.017% |
| 72 | 7.886 | 982  | 984  | 985  | rBV2 | 1048   | 728    | 0.03%  | 0.006% |
| 73 | 7.929 | 989  | 991  | 992  | rBV2 | 1966   | 1501   | 0.06%  | 0.012% |
| 74 | 7.959 | 992  | 996  | 997  | rVB4 | 1141   | 1342   | 0.05%  | 0.011% |
| 75 | 7.971 | 997  | 998  | 1000 | rBV2 | 1053   | 757    | 0.03%  | 0.006% |
| 76 | 7.996 | 1000 | 1002 | 1004 | rBV3 | 1126   | 834    | 0.03%  | 0.007% |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E28Y6RE

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\SFAMWLM121324SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |         |         |
|-----|--------|------|------|------|------|--------|---------|---------|---------|
| 77  | 8.057  | 1009 | 1012 | 1013 | rBV3 | 1105   | 1025    | 0.04%   | 0.008%  |
| 78  | 8.142  | 1023 | 1026 | 1030 | rVB6 | 1516   | 2010    | 0.08%   | 0.017%  |
| 79  | 8.179  | 1030 | 1032 | 1035 | rBV4 | 1388   | 2040    | 0.08%   | 0.017%  |
| 80  | 8.270  | 1036 | 1047 | 1065 | rVV2 | 474178 | 1457310 | 58.70%  | 11.977% |
| 81  | 8.477  | 1079 | 1081 | 1084 | rBV4 | 782    | 864     | 0.03%   | 0.007%  |
| 82  | 8.551  | 1091 | 1093 | 1097 | rBV5 | 1235   | 1647    | 0.07%   | 0.014%  |
| 83  | 8.636  | 1106 | 1107 | 1109 | rBV2 | 954    | 832     | 0.03%   | 0.007%  |
| 84  | 8.691  | 1113 | 1116 | 1119 | rBV5 | 1513   | 2532    | 0.10%   | 0.021%  |
| 85  | 8.715  | 1119 | 1120 | 1123 | rBV3 | 1070   | 1181    | 0.05%   | 0.010%  |
| 86  | 8.837  | 1132 | 1140 | 1151 | rBV  | 565534 | 1103931 | 44.47%  | 9.072%  |
| 87  | 8.989  | 1163 | 1165 | 1167 | rBV3 | 1086   | 647     | 0.03%   | 0.005%  |
| 88  | 9.142  | 1187 | 1190 | 1191 | rBV3 | 1792   | 1715    | 0.07%   | 0.014%  |
| 89  | 9.270  | 1203 | 1211 | 1223 | rBV  | 365582 | 743709  | 29.96%  | 6.112%  |
| 90  | 10.032 | 1330 | 1336 | 1343 | rBV  | 108556 | 195423  | 7.87%   | 1.606%  |
| 91  | 10.319 | 1376 | 1383 | 1397 | rVB  | 384206 | 684256  | 27.56%  | 5.623%  |
| 92  | 10.575 | 1421 | 1425 | 1432 | rVB  | 48493  | 82355   | 3.32%   | 0.677%  |
| 93  | 10.922 | 1477 | 1482 | 1490 | rBV  | 172705 | 311660  | 12.55%  | 2.561%  |
| 94  | 11.629 | 1592 | 1598 | 1610 | rVB  | 325169 | 583725  | 23.51%  | 4.797%  |
| 95  | 12.690 | 1767 | 1772 | 1778 | rVB  | 239614 | 387306  | 15.60%  | 3.183%  |
| 96  | 13.019 | 1811 | 1826 | 1840 | rVB3 | 490711 | 2482447 | 100.00% | 20.402% |
| 97  | 13.556 | 1909 | 1914 | 1922 | rVB  | 122637 | 235281  | 9.48%   | 1.934%  |
| 98  | 13.708 | 1932 | 1939 | 1940 | rBV6 | 54458  | 117910  | 4.75%   | 0.969%  |
| 99  | 13.848 | 1957 | 1962 | 1968 | rBV4 | 121804 | 248843  | 10.02%  | 2.045%  |
| 100 | 15.196 | 2175 | 2183 | 2196 | rVB  | 566510 | 1455344 | 58.63%  | 11.960% |

Sum of corrected areas: 12167950



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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E28Y6RE

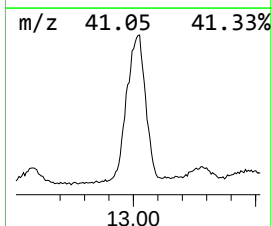
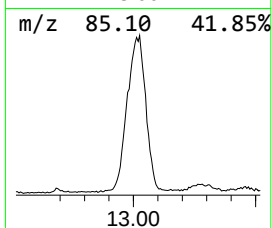
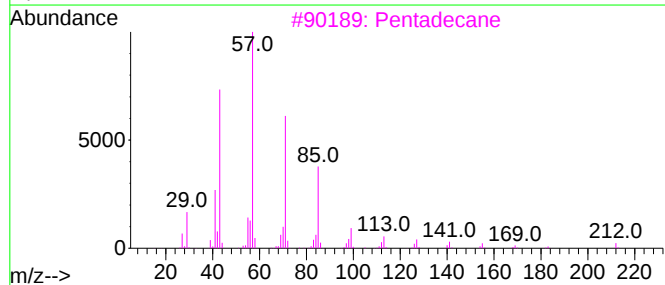
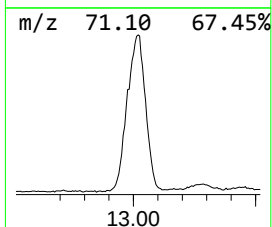
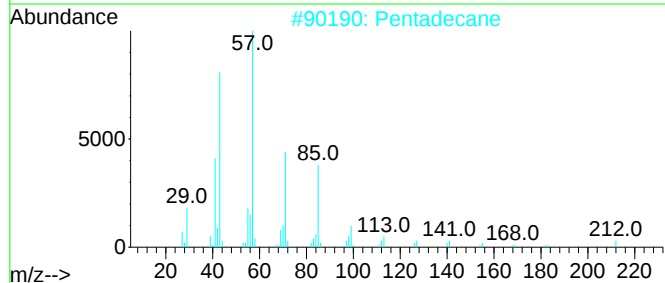
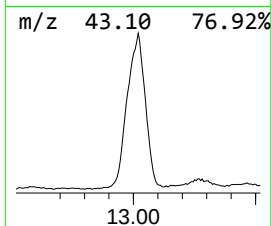
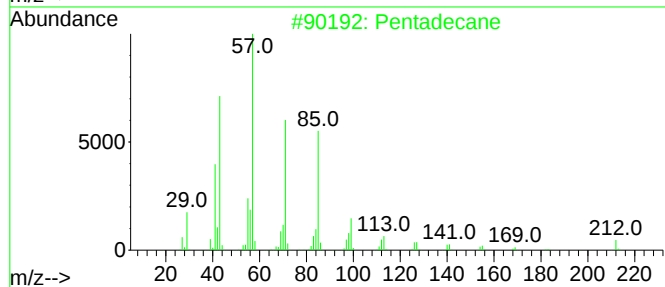
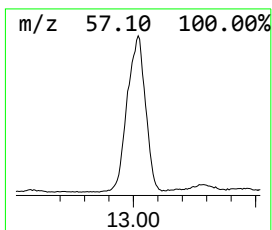
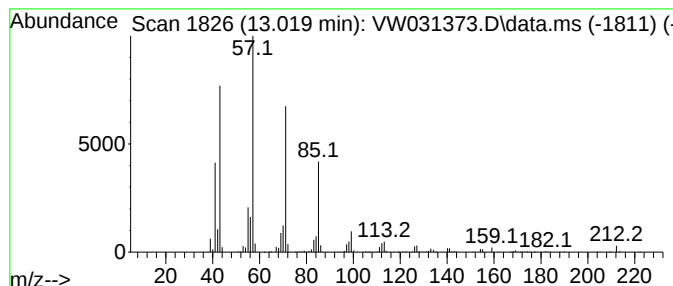
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.019 | 263.77 ug/L | 2482450 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 96   |
| 2    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 94   |
| 3    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 93   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 91   |
| 5    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 90   |



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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E28Y6RE

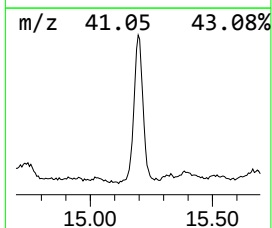
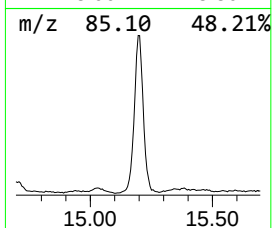
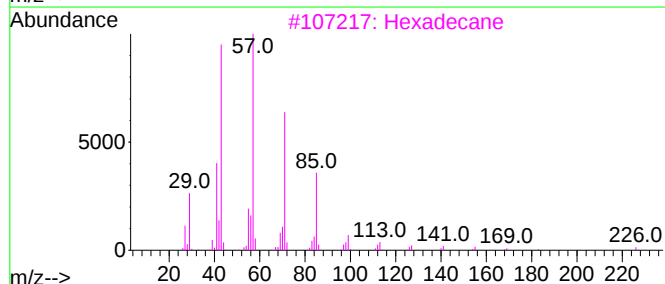
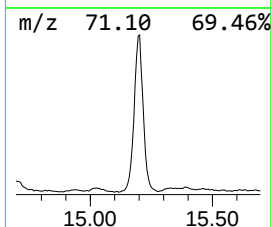
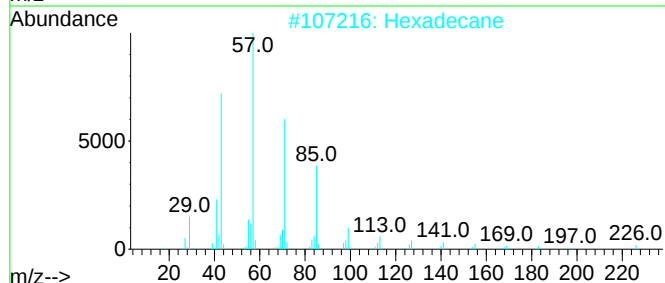
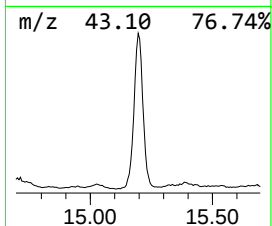
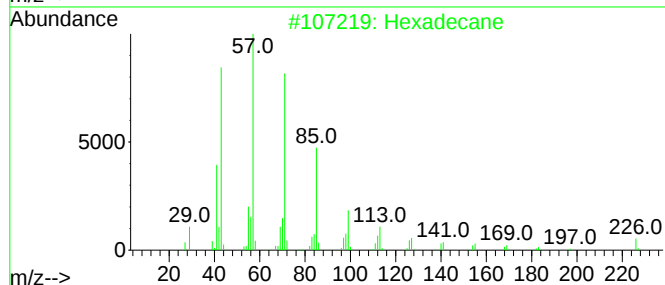
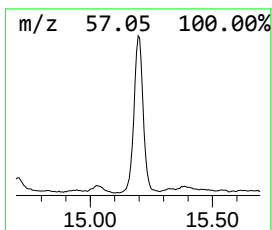
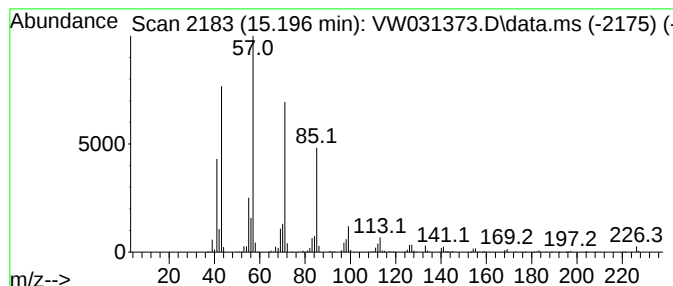
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 15.196 | 154.64 ug/L | 1455340 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 95   |
| 2    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 93   |
| 3    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 93   |
| 4    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 5    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 91   |



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Sample : P5265-01RE  
Misc : 6.81g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E28Y6RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
Quant Title : SFAM01.0

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (DEL) Alkane: S... | 13.019 | 263.8   | ug/L  | 2482450  | 3                     | 13.556 | 235281 | 25.0 |
| (DEL) Alkane: S... | 15.196 | 154.6   | ug/L  | 1455340  | 3                     | 13.556 | 235281 | 25.0 |