

Instrument :  
FID\_F  
ClientSampleId :  
CS-1-DEPTH-SOILPILE-BOTTOM

rteres

# Area Percent Report

Manual Integrations  
APPROVED

mohammad  
10/18/2021 4:38:25 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF101521\  
Data File : FF009153.D  
Signal(s) : FID2B.ch  
Acq On : 15 Oct 2021 19:09  
Sample : M4202-02MS  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF100721.M  
Title :

Signal : FID2B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.465       | 4.438        | 4.498      | HH       | 305559         | 2681097      | 68.28%         | 2.709%        |
| 2         | 4.514       | 4.498        | 4.527      | HH       | 2157           | 33831        | 0.86%          | 0.034%        |
| 3         | 4.541       | 4.527        | 4.548      | HH       | 1887           | 20766        | 0.53%          | 0.021%        |
| 4         | 4.553       | 4.548        | 4.565      | HH       | 1795           | 17177        | 0.44%          | 0.017%        |
| 5         | 4.579       | 4.565        | 4.594      | HH       | 1698           | 27980        | 0.71%          | 0.028%        |
| 6         | 4.615       | 4.594        | 4.657      | HH       | 3656           | 79111        | 2.01%          | 0.080%        |
| 7         | 4.669       | 4.657        | 4.683      | HH       | 1784           | 25157        | 0.64%          | 0.025%        |
| 8         | 4.692       | 4.683        | 4.710      | HH       | 1611           | 25812        | 0.66%          | 0.026%        |
| 9         | 4.720       | 4.710        | 4.734      | HH       | 1783           | 23166        | 0.59%          | 0.023%        |
| 10        | 4.751       | 4.734        | 4.787      | HH       | 2012           | 48928        | 1.25%          | 0.049%        |
| 11        | 4.820       | 4.787        | 4.833      | HH       | 1727           | 41828        | 1.07%          | 0.042%        |
| 12        | 4.850       | 4.833        | 4.869      | HH       | 2152           | 36499        | 0.93%          | 0.037%        |
| 13        | 4.887       | 4.869        | 4.907      | HH       | 1778           | 35407        | 0.90%          | 0.036%        |
| 14        | 4.920       | 4.907        | 4.931      | HH       | 1413           | 18985        | 0.48%          | 0.019%        |
| 15        | 4.941       | 4.931        | 4.961      | HH       | 1517           | 24467        | 0.62%          | 0.025%        |
| 16        | 4.965       | 4.961        | 4.982      | HH       | 1333           | 15387        | 0.39%          | 0.016%        |
| 17        | 4.998       | 4.982        | 5.010      | HH       | 1292           | 20941        | 0.53%          | 0.021%        |
| 18        | 5.051       | 5.010        | 5.078      | HH       | 1607           | 55698        | 1.42%          | 0.056%        |
| 19        | 5.103       | 5.078        | 5.134      | HH       | 1650           | 49556        | 1.26%          | 0.050%        |
| 20        | 5.151       | 5.134        | 5.174      | HH       | 1514           | 32970        | 0.84%          | 0.033%        |
| 21        | 5.191       | 5.174        | 5.197      | HH       | 1477           | 17866        | 0.45%          | 0.018%        |
| 22        | 5.209       | 5.197        | 5.234      | HH       | 1607           | 30182        | 0.77%          | 0.030%        |
| 23        | 5.242       | 5.234        | 5.262      | HH       | 1241           | 19074        | 0.49%          | 0.019%        |
| 24        | 5.275       | 5.262        | 5.300      | HH       | 1278           | 26749        | 0.68%          | 0.027%        |
| 25        | 5.325       | 5.300        | 5.357      | HH       | 2645           | 55974        | 1.43%          | 0.057%        |
| 26        | 5.361       | 5.357        | 5.366      | HH       | 1358           | 7828         | 0.20%          | 0.008%        |
| 27        | 5.383       | 5.366        | 5.424      | HH       | 1758           | 47743        | 1.22%          | 0.048%        |
| 28        | 5.430       | 5.424        | 5.440      | HH       | 1167           | 10323        | 0.26%          | 0.010%        |
| 29        | 5.453       | 5.440        | 5.483      | HH       | 1275           | 29875        | 0.76%          | 0.030%        |
| 30        | 5.502       | 5.483        | 5.524      | HH       | 4565           | 61100        | 1.56%          | 0.062%        |
| 31        | 5.527       | 5.524        | 5.536      | HH       | 1528           | 11154        | 0.28%          | 0.011%        |
| 32        | 5.551       | 5.536        | 5.596      | HH       | 2007           | 52334        | 1.33%          | 0.053%        |
| 33        | 5.617       | 5.596        | 5.634      | HH       | 1506           | 29859        | 0.76%          | 0.030%        |
| 34        | 5.638       | 5.634        | 5.652      | HH       | 1231           | 12855        | 0.33%          | 0.013%        |
| 35        | 5.665       | 5.652        | 5.673      | HH       | 1262           | 14986        | 0.38%          | 0.015%        |
| 36        | 5.692       | 5.673        | 5.712      | HH       | 1438           | 29648        | 0.76%          | 0.030%        |

| rteres |       |       |       |    |        |         |        |        |  |
|--------|-------|-------|-------|----|--------|---------|--------|--------|--|
| 37     | 5.729 | 5.712 | 5.759 | HH | 1436   | 36137   | 0.92%  | 0.037% |  |
| 38     | 5.785 | 5.759 | 5.792 | HH | 1378   | 24418   | 0.62%  | 0.025% |  |
| 39     | 5.809 | 5.792 | 5.829 | HH | 1407   | 28062   | 0.71%  | 0.028% |  |
| 40     | 5.846 | 5.829 | 5.861 | HH | 1267   | 21978   | 0.56%  | 0.022% |  |
| 41     | 5.879 | 5.861 | 5.896 | HH | 1322   | 25449   | 0.65%  | 0.026% |  |
| 42     | 5.922 | 5.896 | 5.942 | HH | 1466   | 36372   | 0.93%  | 0.037% |  |
| 43     | 5.954 | 5.942 | 5.973 | HH | 1486   | 25867   | 0.66%  | 0.026% |  |
| 44     | 5.975 | 5.973 | 5.991 | HH | 1303   | 12339   | 0.31%  | 0.012% |  |
| 45     | 5.995 | 5.991 | 6.000 | HH | 1223   | 6777    | 0.17%  | 0.007% |  |
| 46     | 6.061 | 6.000 | 6.089 | HH | 2954   | 98491   | 2.51%  | 0.100% |  |
| 47     | 6.110 | 6.089 | 6.177 | HH | 35746  | 488338  | 12.44% | 0.493% |  |
| 48     | 6.197 | 6.177 | 6.239 | HH | 2993   | 91783   | 2.34%  | 0.093% |  |
| 49     | 6.249 | 6.239 | 6.265 | HH | 2023   | 30383   | 0.77%  | 0.031% |  |
| 50     | 6.270 | 6.265 | 6.283 | HH | 1961   | 19701   | 0.50%  | 0.020% |  |
| 51     | 6.288 | 6.283 | 6.293 | HH | 1777   | 10480   | 0.27%  | 0.011% |  |
| 52     | 6.297 | 6.293 | 6.305 | HH | 1762   | 12579   | 0.32%  | 0.013% |  |
| 53     | 6.330 | 6.305 | 6.357 | HH | 2786   | 67176   | 1.71%  | 0.068% |  |
| 54     | 6.370 | 6.357 | 6.397 | HH | 2018   | 44019   | 1.12%  | 0.044% |  |
| 55     | 6.406 | 6.397 | 6.435 | HH | 1809   | 38793   | 0.99%  | 0.039% |  |
| 56     | 6.443 | 6.435 | 6.456 | HH | 1702   | 20627   | 0.53%  | 0.021% |  |
| 57     | 6.483 | 6.456 | 6.544 | HH | 275771 | 2722045 | 69.32% | 2.750% |  |
| 58     | 6.561 | 6.544 | 6.606 | HH | 2136   | 70601   | 1.80%  | 0.071% |  |
| 59     | 6.632 | 6.606 | 6.657 | HH | 2280   | 58026   | 1.48%  | 0.059% |  |
| 60     | 6.663 | 6.657 | 6.672 | HH | 1699   | 15296   | 0.39%  | 0.015% |  |
| 61     | 6.679 | 6.672 | 6.684 | HH | 1752   | 12536   | 0.32%  | 0.013% |  |
| 62     | 6.688 | 6.684 | 6.725 | HH | 1723   | 36947   | 0.94%  | 0.037% |  |
| 63     | 6.733 | 6.725 | 6.738 | HH | 1461   | 11208   | 0.29%  | 0.011% |  |
| 64     | 6.763 | 6.738 | 6.791 | HH | 1583   | 45543   | 1.16%  | 0.046% |  |
| 65     | 6.811 | 6.791 | 6.852 | HH | 1685   | 54834   | 1.40%  | 0.055% |  |
| 66     | 6.861 | 6.852 | 6.875 | HH | 1621   | 21192   | 0.54%  | 0.021% |  |
| 67     | 6.887 | 6.875 | 6.906 | HH | 1610   | 27800   | 0.71%  | 0.028% |  |
| 68     | 6.914 | 6.906 | 6.930 | HH | 1529   | 21175   | 0.54%  | 0.021% |  |
| 69     | 6.952 | 6.930 | 7.003 | HH | 2326   | 83503   | 2.13%  | 0.084% |  |
| 70     | 7.012 | 7.003 | 7.029 | HH | 1974   | 28421   | 0.72%  | 0.029% |  |
| 71     | 7.039 | 7.029 | 7.069 | HH | 1903   | 38710   | 0.99%  | 0.039% |  |
| 72     | 7.084 | 7.069 | 7.100 | HH | 1639   | 28976   | 0.74%  | 0.029% |  |
| 73     | 7.118 | 7.100 | 7.135 | HH | 2745   | 44944   | 1.14%  | 0.045% |  |
| 74     | 7.141 | 7.135 | 7.168 | HH | 2093   | 36656   | 0.93%  | 0.037% |  |
| 75     | 7.182 | 7.168 | 7.197 | HH | 2056   | 31913   | 0.81%  | 0.032% |  |
| 76     | 7.201 | 7.197 | 7.224 | HH | 1785   | 26703   | 0.68%  | 0.027% |  |
| 77     | 7.251 | 7.224 | 7.269 | HH | 2295   | 48383   | 1.23%  | 0.049% |  |
| 78     | 7.280 | 7.269 | 7.308 | HH | 2363   | 45461   | 1.16%  | 0.046% |  |
| 79     | 7.311 | 7.308 | 7.346 | HH | 1787   | 35467   | 0.90%  | 0.036% |  |
| 80     | 7.355 | 7.346 | 7.366 | HH | 1630   | 18023   | 0.46%  | 0.018% |  |
| 81     | 7.370 | 7.366 | 7.384 | HH | 1603   | 16486   | 0.42%  | 0.017% |  |
| 82     | 7.406 | 7.384 | 7.465 | HH | 4117   | 118272  | 3.01%  | 0.119% |  |
| 83     | 7.469 | 7.465 | 7.501 | HH | 1840   | 35969   | 0.92%  | 0.036% |  |
| 84     | 7.503 | 7.501 | 7.519 | HH | 1630   | 17053   | 0.43%  | 0.017% |  |
| 85     | 7.527 | 7.519 | 7.564 | HH | 1796   | 44441   | 1.13%  | 0.045% |  |
| 86     | 7.568 | 7.564 | 7.573 | HH | 1759   | 8251    | 0.21%  | 0.008% |  |
| 87     | 7.580 | 7.573 | 7.614 | HH | 1706   | 39032   | 0.99%  | 0.039% |  |
| 88     | 7.634 | 7.614 | 7.641 | HH | 1629   | 25099   | 0.64%  | 0.025% |  |
| 89     | 7.642 | 7.641 | 7.656 | HH | 1638   | 14199   | 0.36%  | 0.014% |  |

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|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 7.694 | 7.656 | 7.728 | HH | 2452   | 80148   | 2.04%  | 0.081% |
| 91  | 7.746 | 7.728 | 7.787 | HH | 1792   | 56584   | 1.44%  | 0.057% |
| 92  | 7.815 | 7.787 | 7.827 | HH | 2397   | 46279   | 1.18%  | 0.047% |
| 93  | 7.861 | 7.827 | 7.883 | HH | 2867   | 77960   | 1.99%  | 0.079% |
| 94  | 7.887 | 7.883 | 7.913 | HH | 2035   | 33829   | 0.86%  | 0.034% |
| 95  | 7.934 | 7.913 | 7.953 | HH | 1811   | 42634   | 1.09%  | 0.043% |
| 96  | 7.972 | 7.953 | 7.990 | HH | 2182   | 44182   | 1.13%  | 0.045% |
| 97  | 7.995 | 7.990 | 8.004 | HH | 2122   | 17226   | 0.44%  | 0.017% |
| 98  | 8.025 | 8.004 | 8.042 | HH | 2247   | 47091   | 1.20%  | 0.048% |
| 99  | 8.052 | 8.042 | 8.074 | HH | 2140   | 37172   | 0.95%  | 0.038% |
| 100 | 8.097 | 8.074 | 8.123 | HH | 2984   | 71665   | 1.83%  | 0.072% |
| 101 | 8.171 | 8.123 | 8.196 | HH | 3244   | 112004  | 2.85%  | 0.113% |
| 102 | 8.212 | 8.196 | 8.224 | HH | 3098   | 46002   | 1.17%  | 0.046% |
| 103 | 8.241 | 8.224 | 8.248 | HH | 3749   | 45228   | 1.15%  | 0.046% |
| 104 | 8.275 | 8.248 | 8.376 | HH | 235116 | 2713263 | 69.10% | 2.741% |
| 105 | 8.397 | 8.376 | 8.433 | HH | 6245   | 148615  | 3.78%  | 0.150% |
| 106 | 8.444 | 8.433 | 8.482 | HH | 3512   | 88022   | 2.24%  | 0.089% |
| 107 | 8.488 | 8.482 | 8.501 | HH | 2725   | 28127   | 0.72%  | 0.028% |
| 108 | 8.506 | 8.501 | 8.518 | HH | 2571   | 25025   | 0.64%  | 0.025% |
| 109 | 8.520 | 8.518 | 8.524 | HH | 2504   | 9749    | 0.25%  | 0.010% |
| 110 | 8.531 | 8.524 | 8.572 | HH | 2523   | 68873   | 1.75%  | 0.070% |
| 111 | 8.616 | 8.572 | 8.622 | HH | 2478   | 70318   | 1.79%  | 0.071% |
| 112 | 8.636 | 8.622 | 8.654 | HH | 3129   | 55173   | 1.41%  | 0.056% |
| 113 | 8.663 | 8.654 | 8.678 | HH | 2906   | 40410   | 1.03%  | 0.041% |
| 114 | 8.690 | 8.678 | 8.708 | HH | 3291   | 52543   | 1.34%  | 0.053% |
| 115 | 8.742 | 8.708 | 8.786 | HH | 4029   | 147911  | 3.77%  | 0.149% |
| 116 | 8.809 | 8.786 | 8.853 | HH | 3860   | 120104  | 3.06%  | 0.121% |
| 117 | 8.893 | 8.853 | 8.911 | HH | 5708   | 124181  | 3.16%  | 0.125% |
| 118 | 8.928 | 8.911 | 8.944 | HH | 3150   | 57509   | 1.46%  | 0.058% |
| 119 | 8.962 | 8.944 | 8.984 | HH | 2956   | 66058   | 1.68%  | 0.067% |
| 120 | 9.008 | 8.984 | 9.064 | HH | 4071   | 149434  | 3.81%  | 0.151% |
| 121 | 9.095 | 9.064 | 9.119 | HH | 4986   | 110839  | 2.82%  | 0.112% |
| 122 | 9.137 | 9.119 | 9.172 | HH | 3210   | 87102   | 2.22%  | 0.088% |
| 123 | 9.176 | 9.172 | 9.187 | HH | 2498   | 21551   | 0.55%  | 0.022% |
| 124 | 9.194 | 9.187 | 9.230 | HH | 2561   | 60548   | 1.54%  | 0.061% |
| 125 | 9.254 | 9.230 | 9.270 | HH | 2727   | 59510   | 1.52%  | 0.060% |
| 126 | 9.287 | 9.270 | 9.305 | HH | 2862   | 55294   | 1.41%  | 0.056% |
| 127 | 9.313 | 9.305 | 9.329 | HH | 2464   | 34553   | 0.88%  | 0.035% |
| 128 | 9.340 | 9.329 | 9.357 | HH | 2584   | 41735   | 1.06%  | 0.042% |
| 129 | 9.388 | 9.357 | 9.402 | HH | 2815   | 68891   | 1.75%  | 0.070% |
| 130 | 9.420 | 9.402 | 9.453 | HH | 4938   | 111512  | 2.84%  | 0.113% |
| 131 | 9.478 | 9.453 | 9.523 | HH | 3774   | 133307  | 3.39%  | 0.135% |
| 132 | 9.553 | 9.523 | 9.584 | HH | 3291   | 108854  | 2.77%  | 0.110% |
| 133 | 9.600 | 9.584 | 9.611 | HH | 3068   | 47054   | 1.20%  | 0.048% |
| 134 | 9.622 | 9.611 | 9.637 | HH | 3044   | 45130   | 1.15%  | 0.046% |
| 135 | 9.652 | 9.637 | 9.671 | HH | 3017   | 59172   | 1.51%  | 0.060% |
| 136 | 9.697 | 9.671 | 9.703 | HH | 3223   | 56822   | 1.45%  | 0.057% |
| 137 | 9.708 | 9.703 | 9.728 | HH | 3263   | 43169   | 1.10%  | 0.044% |
| 138 | 9.751 | 9.728 | 9.773 | HH | 3499   | 81347   | 2.07%  | 0.082% |
| 139 | 9.808 | 9.773 | 9.838 | HH | 4494   | 134313  | 3.42%  | 0.136% |
| 140 | 9.872 | 9.838 | 9.949 | HH | 238457 | 2766948 | 70.46% | 2.796% |
| 141 | 9.963 | 9.949 | 9.968 | HH | 3486   | 39524   | 1.01%  | 0.040% |

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| rteres |        |        |        |    |        |         |        |        |  |
|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 142    | 9.980  | 9.968  | 10.019 | HH | 3460   | 95029   | 2.42%  | 0.096% |  |
| 143    | 10.052 | 10.019 | 10.073 | HH | 3392   | 97273   | 2.48%  | 0.098% |  |
| 144    | 10.082 | 10.073 | 10.087 | HH | 2927   | 24371   | 0.62%  | 0.025% |  |
| 145    | 10.092 | 10.087 | 10.103 | HH | 2876   | 27921   | 0.71%  | 0.028% |  |
| 146    | 10.107 | 10.103 | 10.113 | HH | 2739   | 16171   | 0.41%  | 0.016% |  |
| 147    | 10.127 | 10.113 | 10.133 | HH | 2892   | 33739   | 0.86%  | 0.034% |  |
| 148    | 10.167 | 10.133 | 10.197 | HH | 3383   | 115498  | 2.94%  | 0.117% |  |
| 149    | 10.216 | 10.197 | 10.229 | HH | 3246   | 58868   | 1.50%  | 0.059% |  |
| 150    | 10.234 | 10.229 | 10.241 | HH | 3098   | 21251   | 0.54%  | 0.021% |  |
| 151    | 10.261 | 10.241 | 10.278 | HH | 3891   | 77070   | 1.96%  | 0.078% |  |
| 152    | 10.297 | 10.278 | 10.341 | HH | 4617   | 141587  | 3.61%  | 0.143% |  |
| 153    | 10.355 | 10.341 | 10.382 | HH | 3754   | 81515   | 2.08%  | 0.082% |  |
| 154    | 10.407 | 10.382 | 10.412 | HH | 3498   | 59208   | 1.51%  | 0.060% |  |
| 155    | 10.417 | 10.412 | 10.436 | HH | 3584   | 50842   | 1.29%  | 0.051% |  |
| 156    | 10.452 | 10.436 | 10.465 | HH | 3766   | 61851   | 1.58%  | 0.062% |  |
| 157    | 10.470 | 10.465 | 10.478 | HH | 3801   | 30132   | 0.77%  | 0.030% |  |
| 158    | 10.497 | 10.478 | 10.514 | HH | 4296   | 86812   | 2.21%  | 0.088% |  |
| 159    | 10.534 | 10.514 | 10.547 | HH | 4684   | 86689   | 2.21%  | 0.088% |  |
| 160    | 10.564 | 10.547 | 10.589 | HH | 5891   | 119265  | 3.04%  | 0.121% |  |
| 161    | 10.609 | 10.589 | 10.625 | HH | 5590   | 99535   | 2.53%  | 0.101% |  |
| 162    | 10.636 | 10.625 | 10.653 | HH | 4169   | 65961   | 1.68%  | 0.067% |  |
| 163    | 10.683 | 10.653 | 10.703 | HH | 4753   | 120387  | 3.07%  | 0.122% |  |
| 164    | 10.715 | 10.703 | 10.738 | HH | 4016   | 82168   | 2.09%  | 0.083% |  |
| 165    | 10.749 | 10.738 | 10.766 | HH | 3836   | 62710   | 1.60%  | 0.063% |  |
| 166    | 10.775 | 10.766 | 10.794 | HH | 3671   | 58849   | 1.50%  | 0.059% |  |
| 167    | 10.802 | 10.794 | 10.810 | HH | 3426   | 32602   | 0.83%  | 0.033% |  |
| 168    | 10.834 | 10.810 | 10.843 | HH | 4312   | 77684   | 1.98%  | 0.078% |  |
| 169    | 10.879 | 10.843 | 10.934 | HH | 16235  | 379001  | 9.65%  | 0.383% |  |
| 170    | 10.954 | 10.934 | 10.991 | HH | 6414   | 171464  | 4.37%  | 0.173% |  |
| 171    | 11.004 | 10.991 | 11.018 | HH | 4596   | 71998   | 1.83%  | 0.073% |  |
| 172    | 11.035 | 11.018 | 11.052 | HH | 4415   | 84068   | 2.14%  | 0.085% |  |
| 173    | 11.053 | 11.052 | 11.080 | HH | 4157   | 66508   | 1.69%  | 0.067% |  |
| 174    | 11.090 | 11.080 | 11.104 | HH | 4013   | 55416   | 1.41%  | 0.056% |  |
| 175    | 11.116 | 11.104 | 11.126 | HH | 4076   | 52563   | 1.34%  | 0.053% |  |
| 176    | 11.146 | 11.126 | 11.157 | HH | 4204   | 73931   | 1.88%  | 0.075% |  |
| 177    | 11.173 | 11.157 | 11.204 | HH | 5135   | 127089  | 3.24%  | 0.128% |  |
| 178    | 11.212 | 11.204 | 11.218 | HH | 4068   | 32821   | 0.84%  | 0.033% |  |
| 179    | 11.225 | 11.218 | 11.229 | HH | 4134   | 27940   | 0.71%  | 0.028% |  |
| 180    | 11.240 | 11.229 | 11.257 | HH | 4461   | 71752   | 1.83%  | 0.072% |  |
| 181    | 11.311 | 11.257 | 11.359 | HH | 232784 | 2893083 | 73.68% | 2.923% |  |
| 182    | 11.380 | 11.359 | 11.396 | HH | 6885   | 133838  | 3.41%  | 0.135% |  |
| 183    | 11.401 | 11.396 | 11.425 | HH | 6040   | 92528   | 2.36%  | 0.093% |  |
| 184    | 11.438 | 11.425 | 11.458 | HH | 5130   | 94514   | 2.41%  | 0.095% |  |
| 185    | 11.472 | 11.458 | 11.484 | HH | 4947   | 76336   | 1.94%  | 0.077% |  |
| 186    | 11.504 | 11.484 | 11.525 | HH | 5712   | 123831  | 3.15%  | 0.125% |  |
| 187    | 11.530 | 11.525 | 11.542 | HH | 4716   | 46596   | 1.19%  | 0.047% |  |
| 188    | 11.569 | 11.542 | 11.611 | HH | 7326   | 233666  | 5.95%  | 0.236% |  |
| 189    | 11.628 | 11.611 | 11.650 | HH | 4962   | 112716  | 2.87%  | 0.114% |  |
| 190    | 11.679 | 11.650 | 11.695 | HH | 6501   | 147657  | 3.76%  | 0.149% |  |
| 191    | 11.711 | 11.695 | 11.747 | HH | 7430   | 188483  | 4.80%  | 0.190% |  |
| 192    | 11.793 | 11.747 | 11.814 | HH | 7466   | 239574  | 6.10%  | 0.242% |  |
| 193    | 11.829 | 11.814 | 11.842 | HH | 6696   | 104467  | 2.66%  | 0.106% |  |
| 194    | 11.859 | 11.842 | 11.901 | HH | 8193   | 221867  | 5.65%  | 0.224% |  |

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ClientSampleId :  
CS-1-DEPTH-SOILPILE-BOTTOMM

Manual Integrations  
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10/18/2021 4:38:25 PM

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 11.931 | 11.901 | 11.945 | HH | 5565   | 142829  | 3.64%  | 0.144% |
| 196    | 11.974 | 11.945 | 12.009 | HH | 7128   | 246839  | 6.29%  | 0.249% |
| 197    | 12.032 | 12.009 | 12.055 | HH | 9236   | 203939  | 5.19%  | 0.206% |
| 198    | 12.078 | 12.055 | 12.108 | HH | 10400  | 251611  | 6.41%  | 0.254% |
| 199    | 12.135 | 12.108 | 12.193 | HH | 33442  | 650778  | 16.57% | 0.658% |
| 200    | 12.233 | 12.193 | 12.304 | HH | 108077 | 1742799 | 44.38% | 1.761% |
| 201    | 12.313 | 12.304 | 12.330 | HH | 7725   | 114834  | 2.92%  | 0.116% |
| 202    | 12.347 | 12.330 | 12.354 | HH | 7378   | 104775  | 2.67%  | 0.106% |
| 203    | 12.357 | 12.354 | 12.374 | HH | 7324   | 85412   | 2.18%  | 0.086% |
| 204    | 12.387 | 12.374 | 12.429 | HH | 7254   | 226532  | 5.77%  | 0.229% |
| 205    | 12.444 | 12.429 | 12.455 | HH | 7277   | 110763  | 2.82%  | 0.112% |
| 206    | 12.470 | 12.455 | 12.500 | HH | 8164   | 201383  | 5.13%  | 0.203% |
| 207    | 12.517 | 12.500 | 12.558 | HH | 9085   | 282349  | 7.19%  | 0.285% |
| 208    | 12.576 | 12.558 | 12.589 | HH | 8805   | 148808  | 3.79%  | 0.150% |
| 209    | 12.619 | 12.589 | 12.666 | HH | 229441 | 2918421 | 74.32% | 2.949% |
| 210    | 12.695 | 12.666 | 12.742 | HH | 35671  | 667326  | 16.99% | 0.674% |
| 211    | 12.758 | 12.742 | 12.782 | HH | 7842   | 178720  | 4.55%  | 0.181% |
| 212    | 12.796 | 12.782 | 12.808 | HH | 7220   | 111388  | 2.84%  | 0.113% |
| 213    | 12.853 | 12.808 | 12.868 | HH | 9087   | 283069  | 7.21%  | 0.286% |
| 214    | 12.884 | 12.868 | 12.903 | HH | 8575   | 170093  | 4.33%  | 0.172% |
| 215    | 12.906 | 12.903 | 12.925 | HH | 8267   | 108718  | 2.77%  | 0.110% |
| 216    | 12.938 | 12.925 | 12.961 | HH | 8455   | 173116  | 4.41%  | 0.175% |
| 217    | 12.991 | 12.961 | 13.036 | HH | 37950  | 758676  | 19.32% | 0.767% |
| 218    | 13.049 | 13.036 | 13.066 | HH | 10338  | 170454  | 4.34%  | 0.172% |
| 219    | 13.082 | 13.066 | 13.093 | HH | 10131  | 155728  | 3.97%  | 0.157% |
| 220    | 13.102 | 13.093 | 13.128 | HH | 10242  | 195430  | 4.98%  | 0.197% |
| 221    | 13.142 | 13.128 | 13.149 | HH | 8506   | 103958  | 2.65%  | 0.105% |
| 222    | 13.169 | 13.149 | 13.187 | HH | 9251   | 199982  | 5.09%  | 0.202% |
| 223    | 13.261 | 13.187 | 13.277 | HH | 13059  | 570767  | 14.54% | 0.577% |
| 224    | 13.295 | 13.277 | 13.308 | HH | 16685  | 268101  | 6.83%  | 0.271% |
| 225    | 13.322 | 13.308 | 13.370 | HH | 16355  | 441664  | 11.25% | 0.446% |
| 226    | 13.389 | 13.370 | 13.404 | HH | 10023  | 201651  | 5.14%  | 0.204% |
| 227    | 13.410 | 13.404 | 13.416 | HH | 9978   | 70281   | 1.79%  | 0.071% |
| 228    | 13.420 | 13.416 | 13.429 | HH | 9828   | 78136   | 1.99%  | 0.079% |
| 229    | 13.458 | 13.429 | 13.533 | HH | 45685  | 1057447 | 26.93% | 1.068% |
| 230    | 13.581 | 13.533 | 13.614 | HH | 13876  | 555568  | 14.15% | 0.561% |
| 231    | 13.641 | 13.614 | 13.660 | HH | 11280  | 295087  | 7.51%  | 0.298% |
| 232    | 13.690 | 13.660 | 13.709 | HH | 12792  | 334054  | 8.51%  | 0.338% |
| 233    | 13.730 | 13.709 | 13.746 | HH | 12809  | 260984  | 6.65%  | 0.264% |
| 234    | 13.762 | 13.746 | 13.782 | HH | 12648  | 256794  | 6.54%  | 0.259% |
| 235    | 13.814 | 13.782 | 13.849 | HH | 214389 | 2957846 | 75.32% | 2.988% |
| 236    | 13.854 | 13.849 | 13.883 | HH | 13685  | 259480  | 6.61%  | 0.262% |
| 237    | 13.903 | 13.883 | 13.912 | HH | 13142  | 214714  | 5.47%  | 0.217% |
| 238    | 13.923 | 13.912 | 13.941 | HH | 13296  | 227015  | 5.78%  | 0.229% |
| 239    | 13.951 | 13.941 | 13.970 | HH | 12330  | 208673  | 5.31%  | 0.211% |
| 240    | 13.981 | 13.970 | 14.003 | HH | 12244  | 233549  | 5.95%  | 0.236% |
| 241    | 14.043 | 14.003 | 14.065 | HH | 12649  | 457416  | 11.65% | 0.462% |
| 242    | 14.070 | 14.065 | 14.077 | HH | 12028  | 88410   | 2.25%  | 0.089% |
| 243    | 14.102 | 14.077 | 14.125 | HH | 12643  | 350215  | 8.92%  | 0.354% |
| 244    | 14.140 | 14.125 | 14.159 | HH | 12761  | 260048  | 6.62%  | 0.263% |
| 245    | 14.205 | 14.159 | 14.233 | HH | 17472  | 644463  | 16.41% | 0.651% |
| 246    | 14.249 | 14.233 | 14.265 | HH | 13827  | 257783  | 6.56%  | 0.260% |

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CS-1-DEPTH-SOILPILE-BOTTOM

Manual Integrations  
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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 14.284 | 14.265 | 14.298 | HH | 14347  | 280405  | 7.14%  | 0.283% |
| 248    | 14.326 | 14.298 | 14.355 | HH | 17074  | 509097  | 12.96% | 0.514% |
| 249    | 14.375 | 14.355 | 14.398 | HH | 16407  | 385428  | 9.82%  | 0.389% |
| 250    | 14.409 | 14.398 | 14.432 | HH | 15296  | 306054  | 7.79%  | 0.309% |
| 251    | 14.436 | 14.432 | 14.441 | HH | 14850  | 79119   | 2.01%  | 0.080% |
| 252    | 14.446 | 14.441 | 14.466 | HH | 14871  | 220793  | 5.62%  | 0.223% |
| 253    | 14.499 | 14.466 | 14.535 | HH | 16668  | 638390  | 16.26% | 0.645% |
| 254    | 14.560 | 14.535 | 14.579 | HH | 18025  | 440287  | 11.21% | 0.445% |
| 255    | 14.601 | 14.579 | 14.613 | HH | 16561  | 329695  | 8.40%  | 0.333% |
| 256    | 14.629 | 14.613 | 14.661 | HH | 16998  | 459913  | 11.71% | 0.465% |
| 257    | 14.710 | 14.661 | 14.743 | HH | 116840 | 2131715 | 54.29% | 2.154% |
| 258    | 14.762 | 14.743 | 14.793 | HH | 17953  | 505676  | 12.88% | 0.511% |
| 259    | 14.801 | 14.793 | 14.813 | HH | 16199  | 196108  | 4.99%  | 0.198% |
| 260    | 14.829 | 14.813 | 14.838 | HH | 17133  | 250941  | 6.39%  | 0.254% |
| 261    | 14.872 | 14.838 | 14.887 | HH | 28786  | 656907  | 16.73% | 0.664% |
| 262    | 14.915 | 14.887 | 14.945 | HH | 222818 | 3158584 | 80.44% | 3.191% |
| 263    | 14.960 | 14.945 | 14.990 | HH | 20954  | 525656  | 13.39% | 0.531% |
| 264    | 15.034 | 14.990 | 15.051 | HH | 21336  | 710080  | 18.08% | 0.717% |
| 265    | 15.056 | 15.051 | 15.081 | HH | 19697  | 346715  | 8.83%  | 0.350% |
| 266    | 15.103 | 15.081 | 15.111 | HH | 19479  | 344193  | 8.77%  | 0.348% |
| 267    | 15.116 | 15.111 | 15.127 | HH | 19523  | 185394  | 4.72%  | 0.187% |
| 268    | 15.131 | 15.127 | 15.148 | HH | 19420  | 234641  | 5.98%  | 0.237% |
| 269    | 15.181 | 15.148 | 15.192 | HH | 20706  | 532098  | 13.55% | 0.538% |
| 270    | 15.195 | 15.192 | 15.199 | HH | 20614  | 85422   | 2.18%  | 0.086% |
| 271    | 15.216 | 15.199 | 15.237 | HH | 21031  | 470510  | 11.98% | 0.475% |
| 272    | 15.294 | 15.237 | 15.376 | HH | 71386  | 2525308 | 64.31% | 2.551% |
| 273    | 15.388 | 15.376 | 15.411 | HH | 21914  | 461143  | 11.74% | 0.466% |
| 274    | 15.433 | 15.411 | 15.473 | HH | 25174  | 864343  | 22.01% | 0.873% |
| 275    | 15.490 | 15.473 | 15.503 | HH | 23853  | 417419  | 10.63% | 0.422% |
| 276    | 15.513 | 15.503 | 15.525 | HH | 23642  | 309024  | 7.87%  | 0.312% |
| 277    | 15.544 | 15.525 | 15.567 | HH | 25849  | 598983  | 15.25% | 0.605% |
| 278    | 15.584 | 15.567 | 15.594 | HH | 24078  | 388584  | 9.90%  | 0.393% |
| 279    | 15.598 | 15.594 | 15.610 | HH | 23273  | 215868  | 5.50%  | 0.218% |
| 280    | 15.614 | 15.610 | 15.622 | HH | 23206  | 176240  | 4.49%  | 0.178% |
| 281    | 15.658 | 15.622 | 15.673 | HH | 24711  | 733799  | 18.69% | 0.741% |
| 282    | 15.701 | 15.673 | 15.738 | HH | 26254  | 982953  | 25.03% | 0.993% |
| 283    | 15.751 | 15.738 | 15.762 | HH | 25226  | 352513  | 8.98%  | 0.356% |
| 284    | 15.778 | 15.762 | 15.788 | HH | 25841  | 408019  | 10.39% | 0.412% |
| 285    | 15.812 | 15.788 | 15.847 | HH | 28881  | 955741  | 24.34% | 0.966% |
| 286    | 15.863 | 15.847 | 15.882 | HH | 26918  | 559080  | 14.24% | 0.565% |
| 287    | 15.933 | 15.882 | 15.969 | HH | 213459 | 3689972 | 93.97% | 3.728% |
| 288    | 15.994 | 15.969 | 16.029 | HH | 31284  | 1072631 | 27.32% | 1.084% |
| 289    | 16.035 | 16.029 | 16.049 | HH | 29385  | 349258  | 8.89%  | 0.353% |
| 290    | 16.053 | 16.049 | 16.058 | HH | 29232  | 160876  | 4.10%  | 0.163% |
| 291    | 16.073 | 16.058 | 16.077 | HH | 29679  | 327040  | 8.33%  | 0.330% |
| 292    | 16.095 | 16.077 | 16.104 | HH | 29838  | 484289  | 12.33% | 0.489% |
| 293    | 16.137 | 16.104 | 16.162 | HH | 32167  | 1081240 | 27.54% | 1.092% |
| 294    | 16.179 | 16.162 | 16.191 | HH | 32020  | 559395  | 14.25% | 0.565% |
| 295    | 16.195 | 16.191 | 16.200 | HH | 31692  | 172269  | 4.39%  | 0.174% |
| 296    | 16.236 | 16.200 | 16.270 | HH | 36911  | 1453768 | 37.02% | 1.469% |
| 297    | 16.304 | 16.270 | 16.374 | HH | 69160  | 2712922 | 69.09% | 2.741% |
| 298    | 16.429 | 16.374 | 16.452 | HH | 54115  | 1995829 | 50.83% | 2.017% |
| 299    | 16.461 | 16.452 | 16.482 | HH | 42991  | 724569  | 18.45% | 0.732% |

Instrument :  
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|     |        |        |        |    |                         |         |          |        |
|-----|--------|--------|--------|----|-------------------------|---------|----------|--------|
|     |        |        |        |    | rters                   |         |          |        |
| 300 | 16.490 | 16.482 | 16.495 | HH | 38989                   | 309970  | 7.89%    | 0.313% |
| 301 | 16.503 | 16.495 | 16.516 | HH | 39425                   | 482550  | 12.29%   | 0.488% |
| 302 | 16.561 | 16.516 | 16.585 | HH | 44126                   | 1678782 | 42.75%   | 1.696% |
| 303 | 16.590 | 16.585 | 16.597 | HH | 40571                   | 304513  | 7.75%    | 0.308% |
| 304 | 16.610 | 16.597 | 16.615 | HH | 40711                   | 422307  | 10.75%   | 0.427% |
| 305 | 16.620 | 16.615 | 16.632 | HH | 41013                   | 409492  | 10.43%   | 0.414% |
| 306 | 16.638 | 16.632 | 16.653 | HH | 41321                   | 530619  | 13.51%   | 0.536% |
| 307 | 16.688 | 16.653 | 16.697 | HH | 43477                   | 1094674 | 27.88%   | 1.106% |
| 308 | 16.717 | 16.697 | 16.729 | HH | 44990                   | 860978  | 21.93%   | 0.870% |
| 309 | 16.752 | 16.729 | 16.773 | HH | 55921                   | 1324415 | 33.73%   | 1.338% |
| 310 | 16.778 | 16.773 | 16.786 | HH | 47966                   | 375931  | 9.57%    | 0.380% |
| 311 | 16.810 | 16.786 | 16.834 | HH | 57257                   | 1472346 | 37.49%   | 1.488% |
| 312 | 16.838 | 16.834 | 16.845 | HH | 47782                   | 311021  | 7.92%    | 0.314% |
| 313 | 16.881 | 16.845 | 16.907 | HH | 207335                  | 3926783 | 100.00%  | 3.967% |
|     |        |        |        |    | Sum of corrected areas: |         | 98974585 |        |

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