

Instrument :  
FID\_C  
ClientSampleId :  
356-349

rteres

## Area Percent Report

Manual Integrations  
APPROVED

Ankita  
6/24/2021 1:00:18 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062321AL\  
Data File : FC054397.D  
Signal(s) : FID1A.CH  
Acq On : 23 Jun 2021 20:11  
Sample : M2812-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061021.M  
Title : GC Extractables

Signal : FID1A.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         | 3.150       | 3.105        | 3.211      | BV       | 950            | 16989        | 0.04%          | 0.003%        |
| 2         | 3.243       | 3.211        | 3.256      | PV       | 915            | 8564         | 0.02%          | 0.001%        |
| 3         | 3.267       | 3.256        | 3.311      | VV       | 719            | 14319        | 0.03%          | 0.002%        |
| 4         | 3.338       | 3.311        | 3.362      | VV       | 669            | 10682        | 0.02%          | 0.002%        |
| 5         | 3.385       | 3.362        | 3.398      | VV       | 395            | 5278         | 0.01%          | 0.001%        |
| 6         | 3.406       | 3.398        | 3.429      | VV       | 489            | 6286         | 0.01%          | 0.001%        |
| 7         | 3.440       | 3.429        | 3.461      | VV       | 417            | 5705         | 0.01%          | 0.001%        |
| 8         | 3.469       | 3.461        | 3.498      | VV       | 394            | 3611         | 0.01%          | 0.001%        |
| 9         | 3.521       | 3.498        | 3.618      | PV       | 118415         | 2080873      | 4.59%          | 0.329%        |
| 10        | 3.634       | 3.618        | 3.697      | VV       | 13157          | 333023       | 0.73%          | 0.053%        |
| 11        | 3.717       | 3.697        | 3.765      | VV       | 13379          | 209240       | 0.46%          | 0.033%        |
| 12        | 3.776       | 3.765        | 3.795      | VV       | 2470           | 38081        | 0.08%          | 0.006%        |
| 13        | 3.810       | 3.795        | 3.884      | VV       | 4931           | 121293       | 0.27%          | 0.019%        |
| 14        | 3.914       | 3.884        | 3.934      | VV       | 2979           | 63203        | 0.14%          | 0.010%        |
| 15        | 3.968       | 3.934        | 4.096      | VV       | 27852          | 420066       | 0.93%          | 0.067%        |
| 16        | 4.120       | 4.096        | 4.136      | VV       | 641            | 11507        | 0.03%          | 0.002%        |
| 17        | 4.174       | 4.136        | 4.190      | VV       | 2986           | 35569        | 0.08%          | 0.006%        |
| 18        | 4.207       | 4.190        | 4.224      | VV       | 2910           | 25621        | 0.06%          | 0.004%        |
| 19        | 4.244       | 4.224        | 4.259      | VV       | 11057          | 97482        | 0.22%          | 0.015%        |
| 20        | 4.273       | 4.259        | 4.284      | VV       | 7255           | 67482        | 0.15%          | 0.011%        |
| 21        | 4.300       | 4.284        | 4.326      | VV       | 22827          | 292962       | 0.65%          | 0.046%        |
| 22        | 4.346       | 4.326        | 4.388      | VV       | 74744          | 760324       | 1.68%          | 0.120%        |
| 23        | 4.412       | 4.388        | 4.471      | VV       | 44098          | 542783       | 1.20%          | 0.086%        |
| 24        | 4.485       | 4.471        | 4.520      | VV       | 1898           | 34100        | 0.08%          | 0.005%        |
| 25        | 4.555       | 4.520        | 4.568      | VV       | 3543           | 47096        | 0.10%          | 0.007%        |
| 26        | 4.580       | 4.568        | 4.597      | VV       | 3259           | 35020        | 0.08%          | 0.006%        |
| 27        | 4.661       | 4.597        | 4.823      | VV       | 481402         | 11804231     | 26.04%         | 1.869%        |
| 28        | 4.839       | 4.823        | 4.869      | VV       | 12008          | 252163       | 0.56%          | 0.040%        |
| 29        | 4.888       | 4.869        | 4.902      | VV       | 16764          | 211196       | 0.47%          | 0.033%        |
| 30        | 4.915       | 4.902        | 4.935      | VV       | 12803          | 159395       | 0.35%          | 0.025%        |
| 31        | 4.971       | 4.935        | 4.989      | VV       | 9233           | 171857       | 0.38%          | 0.027%        |

|    |       |       |       |    | rters   |          |        |        |
|----|-------|-------|-------|----|---------|----------|--------|--------|
| 32 | 5.033 | 4.989 | 5.091 | VV | 11695   | 354980   | 0.78%  | 0.056% |
| 33 | 5.106 | 5.091 | 5.159 | VV | 4554    | 113994   | 0.25%  | 0.01%  |
| 34 | 5.183 | 5.159 | 5.215 | VV | 1589    | 32388    | 0.07%  | 0.00%  |
| 35 | 5.237 | 5.215 | 5.253 | VV | 19331   | 204799   | 0.45%  | 0.03%  |
| 36 | 5.267 | 5.253 | 5.333 | VV | 13730   | 174249   | 0.38%  | 0.02%  |
| 37 | 5.350 | 5.333 | 5.376 | PV | 1185    | 14437    | 0.03%  | 0.002% |
| 38 | 5.419 | 5.376 | 5.465 | VV | 20334   | 243811   | 0.54%  | 0.039% |
| 39 | 5.512 | 5.465 | 5.583 | VV | 96070   | 1826464  | 4.03%  | 0.289% |
| 40 | 5.604 | 5.583 | 5.623 | VV | 80327   | 930365   | 2.05%  | 0.147% |
| 41 | 5.635 | 5.623 | 5.679 | VV | 39808   | 632942   | 1.40%  | 0.100% |
| 42 | 5.706 | 5.679 | 5.723 | VV | 46689   | 562517   | 1.24%  | 0.089% |
| 43 | 5.744 | 5.723 | 5.757 | VV | 174218  | 1831332  | 4.04%  | 0.290% |
| 44 | 5.785 | 5.757 | 5.809 | VV | 2003629 | 20865476 | 46.02% | 3.304% |
| 45 | 5.826 | 5.809 | 5.891 | VV | 99386   | 1513326  | 3.34%  | 0.240% |
| 46 | 5.909 | 5.891 | 5.933 | VV | 9980    | 162866   | 0.36%  | 0.026% |
| 47 | 5.960 | 5.933 | 5.984 | VV | 39209   | 562135   | 1.24%  | 0.089% |
| 48 | 6.014 | 5.984 | 6.095 | VV | 48590   | 922072   | 2.03%  | 0.146% |
| 49 | 6.107 | 6.095 | 6.119 | VV | 4183    | 47850    | 0.11%  | 0.008% |
| 50 | 6.138 | 6.119 | 6.173 | VV | 9842    | 158659   | 0.35%  | 0.025% |
| 51 | 6.216 | 6.173 | 6.267 | VV | 17535   | 286067   | 0.63%  | 0.045% |
| 52 | 6.279 | 6.267 | 6.304 | VV | 1280    | 22997    | 0.05%  | 0.004% |
| 53 | 6.329 | 6.304 | 6.344 | VV | 9596    | 130206   | 0.29%  | 0.021% |
| 54 | 6.359 | 6.344 | 6.381 | VV | 11772   | 151746   | 0.33%  | 0.024% |
| 55 | 6.410 | 6.381 | 6.448 | VV | 3279    | 77880    | 0.17%  | 0.012% |
| 56 | 6.491 | 6.448 | 6.510 | VV | 21940   | 300923   | 0.66%  | 0.048% |
| 57 | 6.530 | 6.510 | 6.570 | VV | 26810   | 586749   | 1.29%  | 0.093% |
| 58 | 6.584 | 6.570 | 6.594 | VV | 16847   | 210000   | 0.46%  | 0.033% |
| 59 | 6.605 | 6.594 | 6.619 | VV | 20087   | 228595   | 0.50%  | 0.036% |
| 60 | 6.637 | 6.619 | 6.666 | VV | 22362   | 365839   | 0.81%  | 0.058% |
| 61 | 6.679 | 6.666 | 6.698 | VV | 6093    | 66907    | 0.15%  | 0.011% |
| 62 | 6.736 | 6.698 | 6.754 | VV | 23148   | 277260   | 0.61%  | 0.044% |
| 63 | 6.771 | 6.754 | 6.791 | VV | 17396   | 214220   | 0.47%  | 0.034% |
| 64 | 6.837 | 6.791 | 6.863 | VV | 1470936 | 15585471 | 34.38% | 2.468% |
| 65 | 6.889 | 6.863 | 6.909 | VV | 105158  | 1466654  | 3.24%  | 0.232% |
| 66 | 6.916 | 6.909 | 6.940 | VV | 38437   | 522601   | 1.15%  | 0.083% |
| 67 | 6.968 | 6.940 | 6.992 | VV | 965354  | 9159647  | 20.20% | 1.450% |
| 68 | 7.007 | 6.992 | 7.086 | VV | 40784   | 696785   | 1.54%  | 0.110% |
| 69 | 7.106 | 7.086 | 7.118 | VV | 3548    | 59426    | 0.13%  | 0.009% |
| 70 | 7.137 | 7.118 | 7.173 | VV | 28126   | 372641   | 0.82%  | 0.059% |
| 71 | 7.190 | 7.173 | 7.236 | VV | 8680    | 191741   | 0.42%  | 0.030% |
| 72 | 7.255 | 7.236 | 7.268 | PV | 4209    | 46328    | 0.10%  | 0.007% |
| 73 | 7.308 | 7.268 | 7.336 | VV | 14248   | 299772   | 0.66%  | 0.047% |
| 74 | 7.356 | 7.336 | 7.373 | VV | 6311    | 90588    | 0.20%  | 0.014% |
| 75 | 7.394 | 7.373 | 7.413 | VV | 40905   | 409304   | 0.90%  | 0.065% |
| 76 | 7.443 | 7.413 | 7.465 | VV | 665612  | 6777279  | 14.95% | 1.073% |
| 77 | 7.487 | 7.465 | 7.523 | VV | 518345  | 5025015  | 11.08% | 0.796% |
| 78 | 7.554 | 7.523 | 7.586 | VV | 438080  | 4477659  | 9.88%  | 0.709% |
| 79 | 7.598 | 7.586 | 7.637 | VV | 12450   | 237273   | 0.52%  | 0.038% |

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|-----|-------|-------|--------|----|---------|----------|--------|--------|
| 80  | 7.671 | 7.637 | 7.685  | VV | 18757   | 337347   | 0.74%  | 0.053% |
| 81  | 7.708 | 7.685 | 7.738  | VV | 175142  | 2161266  | 4.77%  | 0.34%  |
| 82  | 7.771 | 7.738 | 7.787  | VV | 114278  | 1464147  | 3.23%  | 0.23%  |
| 83  | 7.820 | 7.787 | 7.842  | VV | 234425  | 4479750  | 9.88%  | 0.70%  |
| 84  | 7.854 | 7.842 | 7.873  | VV | 43120   | 576799   | 1.27%  | 0.09%  |
| 85  | 7.884 | 7.873 | 7.897  | VV | 25772   | 308620   | 0.68%  | 0.049% |
| 86  | 7.925 | 7.897 | 7.941  | VV | 433248  | 5000407  | 11.03% | 0.792% |
| 87  | 7.953 | 7.941 | 7.976  | VV | 285768  | 2845106  | 6.28%  | 0.450% |
| 88  | 8.008 | 7.976 | 8.031  | VV | 40330   | 800968   | 1.77%  | 0.127% |
| 89  | 8.046 | 8.031 | 8.056  | VV | 22039   | 244919   | 0.54%  | 0.039% |
| 90  | 8.087 | 8.056 | 8.138  | VV | 141122  | 3067118  | 6.77%  | 0.486% |
| 91  | 8.152 | 8.138 | 8.166  | VV | 12214   | 149256   | 0.33%  | 0.024% |
| 92  | 8.195 | 8.166 | 8.216  | VV | 83987   | 955135   | 2.11%  | 0.151% |
| 93  | 8.265 | 8.216 | 8.281  | VV | 43428   | 730440   | 1.61%  | 0.116% |
| 94  | 8.306 | 8.281 | 8.342  | VV | 434925  | 4806064  | 10.60% | 0.761% |
| 95  | 8.366 | 8.342 | 8.378  | VV | 59806   | 702760   | 1.55%  | 0.111% |
| 96  | 8.411 | 8.378 | 8.432  | VV | 1462840 | 16666233 | 36.76% | 2.639% |
| 97  | 8.449 | 8.432 | 8.489  | VV | 161731  | 1923624  | 4.24%  | 0.305% |
| 98  | 8.519 | 8.489 | 8.532  | VV | 59703   | 722847   | 1.59%  | 0.114% |
| 99  | 8.547 | 8.532 | 8.570  | VV | 81616   | 1013639  | 2.24%  | 0.160% |
| 100 | 8.585 | 8.570 | 8.602  | VV | 26135   | 405271   | 0.89%  | 0.064% |
| 101 | 8.646 | 8.602 | 8.658  | VV | 146867  | 2236034  | 4.93%  | 0.354% |
| 102 | 8.681 | 8.658 | 8.703  | VV | 1080712 | 12188420 | 26.88% | 1.930% |
| 103 | 8.743 | 8.703 | 8.778  | VV | 168473  | 3137285  | 6.92%  | 0.497% |
| 104 | 8.811 | 8.778 | 8.837  | VV | 75370   | 1702627  | 3.76%  | 0.270% |
| 105 | 8.851 | 8.837 | 8.899  | VV | 85173   | 1141590  | 2.52%  | 0.181% |
| 106 | 8.936 | 8.899 | 8.948  | VV | 49551   | 708085   | 1.56%  | 0.112% |
| 107 | 8.965 | 8.948 | 8.981  | VV | 95314   | 1069075  | 2.36%  | 0.169% |
| 108 | 8.999 | 8.981 | 9.035  | VV | 100359  | 1352600  | 2.98%  | 0.214% |
| 109 | 9.104 | 9.035 | 9.138  | VV | 86588   | 1697880  | 3.75%  | 0.269% |
| 110 | 9.196 | 9.138 | 9.239  | VV | 1457996 | 18962915 | 41.83% | 3.002% |
| 111 | 9.263 | 9.239 | 9.279  | VV | 82391   | 969767   | 2.14%  | 0.154% |
| 112 | 9.305 | 9.279 | 9.316  | VV | 77038   | 1132222  | 2.50%  | 0.179% |
| 113 | 9.335 | 9.316 | 9.353  | VV | 215872  | 2655205  | 5.86%  | 0.420% |
| 114 | 9.361 | 9.353 | 9.375  | VV | 69139   | 721577   | 1.59%  | 0.114% |
| 115 | 9.408 | 9.375 | 9.438  | VV | 404250  | 5874662  | 12.96% | 0.930% |
| 116 | 9.450 | 9.438 | 9.455  | VV | 8685    | 80164    | 0.18%  | 0.013% |
| 117 | 9.504 | 9.455 | 9.538  | VV | 237454  | 3177974  | 7.01%  | 0.503% |
| 118 | 9.556 | 9.538 | 9.575  | VV | 37184   | 477397   | 1.05%  | 0.076% |
| 119 | 9.606 | 9.575 | 9.636  | VV | 289768  | 3694105  | 8.15%  | 0.585% |
| 120 | 9.658 | 9.636 | 9.682  | VV | 49737   | 891982   | 1.97%  | 0.141% |
| 121 | 9.722 | 9.682 | 9.750  | VV | 763873  | 8392762  | 18.51% | 1.329% |
| 122 | 9.768 | 9.750 | 9.821  | VV | 20945   | 429603   | 0.95%  | 0.068% |
| 123 | 9.839 | 9.821 | 9.847  | VV | 3730    | 41806    | 0.09%  | 0.007% |
| 124 | 9.867 | 9.847 | 9.894  | VV | 41292   | 466685   | 1.03%  | 0.074% |
| 125 | 9.922 | 9.894 | 9.938  | VV | 38650   | 507469   | 1.12%  | 0.080% |
| 126 | 9.958 | 9.938 | 10.012 | VV | 46730   | 1130941  | 2.49%  | 0.179% |

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Manual Integrations  
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|-----|--------|--------|--------|----|---------|----------|---------|--------|
| 127 | 10.063 | 10.012 | 10.087 | VV | 162505  | 2634564  | 5.81%   | 0.417% |
| 128 | 10.103 | 10.087 | 10.126 | VV | 67049   | 855890   | 1.89%   | 0.13%  |
| 129 | 10.140 | 10.126 | 10.157 | VV | 17561   | 257683   | 0.57%   | 0.04%  |
| 130 | 10.180 | 10.157 | 10.224 | VV | 92130   | 1669166  | 3.68%   | 0.26%  |
| 131 | 10.249 | 10.224 | 10.288 | VV | 54132   | 1024640  | 2.26%   | 0.16%  |
| 132 | 10.312 | 10.288 | 10.325 | VV | 20238   | 293625   | 0.65%   | 0.046% |
| 133 | 10.349 | 10.325 | 10.361 | VV | 96136   | 1239542  | 2.73%   | 0.196% |
| 134 | 10.385 | 10.361 | 10.435 | VV | 213920  | 4410714  | 9.73%   | 0.698% |
| 135 | 10.457 | 10.435 | 10.472 | VV | 26713   | 452742   | 1.00%   | 0.072% |
| 136 | 10.492 | 10.472 | 10.517 | VV | 62228   | 999202   | 2.20%   | 0.158% |
| 137 | 10.550 | 10.517 | 10.561 | VV | 110772  | 1637118  | 3.61%   | 0.259% |
| 138 | 10.612 | 10.561 | 10.646 | VV | 2492948 | 45336499 | 100.00% | 7.178% |
| 139 | 10.676 | 10.646 | 10.733 | VV | 1202299 | 15867837 | 35.00%  | 2.512% |
| 140 | 10.747 | 10.733 | 10.789 | VV | 38078   | 933946   | 2.06%   | 0.148% |
| 141 | 10.821 | 10.789 | 10.837 | VV | 45909   | 702462   | 1.55%   | 0.111% |
| 142 | 10.856 | 10.837 | 10.864 | VV | 41731   | 531693   | 1.17%   | 0.084% |
| 143 | 10.882 | 10.864 | 10.898 | VV | 158509  | 1900619  | 4.19%   | 0.301% |
| 144 | 10.916 | 10.898 | 10.963 | VV | 236149  | 2951911  | 6.51%   | 0.467% |
| 145 | 10.985 | 10.963 | 11.003 | VV | 27841   | 479242   | 1.06%   | 0.076% |
| 146 | 11.016 | 11.003 | 11.027 | VV | 23429   | 285311   | 0.63%   | 0.045% |
| 147 | 11.043 | 11.027 | 11.064 | VV | 40053   | 596663   | 1.32%   | 0.094% |
| 148 | 11.114 | 11.064 | 11.160 | VV | 76484   | 2061853  | 4.55%   | 0.326% |
| 149 | 11.180 | 11.160 | 11.202 | VV | 49521   | 769425   | 1.70%   | 0.122% |
| 150 | 11.231 | 11.202 | 11.261 | VV | 57973   | 1179616  | 2.60%   | 0.187% |
| 151 | 11.283 | 11.261 | 11.302 | VV | 17169   | 317675   | 0.70%   | 0.050% |
| 152 | 11.313 | 11.302 | 11.322 | VV | 14553   | 156189   | 0.34%   | 0.025% |
| 153 | 11.352 | 11.322 | 11.369 | VV | 483386  | 5544555  | 12.23%  | 0.878% |
| 154 | 11.386 | 11.369 | 11.401 | VV | 247114  | 2896598  | 6.39%   | 0.459% |
| 155 | 11.418 | 11.401 | 11.446 | VV | 299257  | 3624946  | 8.00%   | 0.574% |
| 156 | 11.474 | 11.446 | 11.490 | VV | 587989  | 7383741  | 16.29%  | 1.169% |
| 157 | 11.501 | 11.490 | 11.513 | VV | 339514  | 3951332  | 8.72%   | 0.626% |
| 158 | 11.534 | 11.513 | 11.553 | VV | 883877  | 10472060 | 23.10%  | 1.658% |
| 159 | 11.568 | 11.553 | 11.608 | VV | 221395  | 2793309  | 6.16%   | 0.442% |
| 160 | 11.621 | 11.608 | 11.635 | VV | 15135   | 195664   | 0.43%   | 0.031% |
| 161 | 11.668 | 11.635 | 11.695 | VV | 290676  | 3601172  | 7.94%   | 0.570% |
| 162 | 11.714 | 11.695 | 11.740 | VV | 45481   | 810738   | 1.79%   | 0.128% |
| 163 | 11.762 | 11.740 | 11.827 | VV | 72797   | 1801347  | 3.97%   | 0.285% |
| 164 | 11.855 | 11.827 | 11.871 | VV | 165168  | 2017635  | 4.45%   | 0.319% |
| 165 | 11.894 | 11.871 | 11.920 | VV | 432463  | 5134848  | 11.33%  | 0.813% |
| 166 | 11.945 | 11.920 | 11.973 | VV | 204665  | 2521367  | 5.56%   | 0.399% |
| 167 | 12.029 | 11.973 | 12.048 | VV | 922340  | 12109999 | 26.71%  | 1.917% |
| 168 | 12.095 | 12.048 | 12.115 | VV | 770158  | 11485196 | 25.33%  | 1.818% |
| 169 | 12.162 | 12.115 | 12.213 | VV | 383301  | 7444645  | 16.42%  | 1.179% |
| 170 | 12.244 | 12.213 | 12.269 | VV | 501405  | 6788920  | 14.97%  | 1.075% |
| 171 | 12.290 | 12.269 | 12.313 | VV | 156840  | 2380881  | 5.25%   | 0.377% |
| 172 | 12.342 | 12.313 | 12.370 | VV | 283197  | 4886017  | 10.78%  | 0.774% |
| 173 | 12.424 | 12.370 | 12.443 | VV | 1392735 | 22365270 | 49.33%  | 3.541% |
| 174 | 12.465 | 12.443 | 12.490 | VV | 324300  | 4740162  | 10.46%  | 0.751% |

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|-----|--------|--------|--------|----|---------|----------|--------|--------|
| 175 | 12.508 | 12.490 | 12.522 | VV | 126702  | 1694912  | 3.74%  | 0.268% |
| 176 | 12.546 | 12.522 | 12.570 | VV | 227862  | 3952718  | 8.72%  | 0.62%  |
| 177 | 12.601 | 12.570 | 12.625 | VV | 520842  | 7222231  | 15.93% | 1.14%  |
| 178 | 12.653 | 12.625 | 12.676 | VV | 183656  | 2707228  | 5.97%  | 0.42%  |
| 179 | 12.716 | 12.676 | 12.749 | VV | 1075716 | 17534129 | 38.68% | 2.77%  |
| 180 | 12.758 | 12.749 | 12.773 | VV | 184963  | 2180612  | 4.81%  | 0.345% |
| 181 | 12.795 | 12.773 | 12.828 | VV | 545880  | 8205343  | 18.10% | 1.299% |
| 182 | 12.861 | 12.828 | 12.896 | VV | 184134  | 4246070  | 9.37%  | 0.672% |
| 183 | 12.905 | 12.896 | 12.920 | VV | 80528   | 1060472  | 2.34%  | 0.168% |
| 184 | 12.945 | 12.920 | 12.985 | VV | 168542  | 4474176  | 9.87%  | 0.708% |
| 185 | 12.994 | 12.985 | 13.012 | VV | 67231   | 810349   | 1.79%  | 0.128% |
| 186 | 13.031 | 13.012 | 13.042 | VV | 66865   | 876962   | 1.93%  | 0.139% |
| 187 | 13.056 | 13.042 | 13.069 | VV | 71830   | 1004985  | 2.22%  | 0.159% |
| 188 | 13.094 | 13.069 | 13.139 | VV | 115188  | 3086985  | 6.81%  | 0.489% |
| 189 | 13.160 | 13.139 | 13.185 | VV | 103757  | 1928128  | 4.25%  | 0.305% |
| 190 | 13.196 | 13.185 | 13.205 | VV | 37840   | 435213   | 0.96%  | 0.069% |
| 191 | 13.224 | 13.205 | 13.239 | VV | 36880   | 715571   | 1.58%  | 0.113% |
| 192 | 13.291 | 13.239 | 13.316 | VV | 232767  | 4729490  | 10.43% | 0.749% |
| 193 | 13.334 | 13.316 | 13.369 | VV | 102250  | 2231678  | 4.92%  | 0.353% |
| 194 | 13.398 | 13.369 | 13.421 | VV | 235448  | 3972258  | 8.76%  | 0.629% |
| 195 | 13.436 | 13.421 | 13.458 | VV | 126545  | 2278756  | 5.03%  | 0.361% |
| 196 | 13.469 | 13.458 | 13.491 | VV | 101555  | 1616245  | 3.56%  | 0.256% |
| 197 | 13.518 | 13.491 | 13.527 | VV | 93927   | 1646005  | 3.63%  | 0.261% |
| 198 | 13.560 | 13.527 | 13.586 | VV | 122333  | 3528628  | 7.78%  | 0.559% |
| 199 | 13.604 | 13.586 | 13.631 | VV | 105650  | 2063698  | 4.55%  | 0.327% |
| 200 | 13.651 | 13.631 | 13.696 | VV | 129082  | 2702376  | 5.96%  | 0.428% |
| 201 | 13.715 | 13.696 | 13.743 | VV | 51103   | 1148177  | 2.53%  | 0.182% |
| 202 | 13.781 | 13.743 | 13.832 | VV | 130528  | 3230134  | 7.12%  | 0.511% |
| 203 | 13.858 | 13.832 | 13.873 | VV | 37870   | 840531   | 1.85%  | 0.133% |
| 204 | 13.893 | 13.873 | 13.931 | VV | 60357   | 1266957  | 2.79%  | 0.201% |
| 205 | 13.959 | 13.931 | 13.974 | VV | 54008   | 996540   | 2.20%  | 0.158% |
| 206 | 13.990 | 13.974 | 14.004 | VV | 46453   | 791467   | 1.75%  | 0.125% |
| 207 | 14.019 | 14.004 | 14.055 | VV | 49895   | 1145769  | 2.53%  | 0.181% |
| 208 | 14.107 | 14.055 | 14.125 | VV | 57265   | 1548158  | 3.41%  | 0.245% |
| 209 | 14.142 | 14.125 | 14.176 | VV | 76295   | 1321010  | 2.91%  | 0.209% |
| 210 | 14.198 | 14.176 | 14.236 | VV | 67899   | 1410108  | 3.11%  | 0.223% |
| 211 | 14.260 | 14.236 | 14.284 | VV | 96738   | 1592151  | 3.51%  | 0.252% |
| 212 | 14.308 | 14.284 | 14.331 | VV | 46147   | 937570   | 2.07%  | 0.148% |
| 213 | 14.351 | 14.331 | 14.370 | VV | 39724   | 725539   | 1.60%  | 0.115% |
| 214 | 14.382 | 14.370 | 14.428 | VV | 26967   | 715917   | 1.58%  | 0.113% |
| 215 | 14.451 | 14.428 | 14.482 | VV | 37091   | 726771   | 1.60%  | 0.115% |
| 216 | 14.532 | 14.482 | 14.548 | VV | 36305   | 781057   | 1.72%  | 0.124% |
| 217 | 14.577 | 14.548 | 14.598 | VV | 348841  | 4857724  | 10.71% | 0.769% |
| 218 | 14.619 | 14.598 | 14.678 | VV | 350203  | 4742952  | 10.46% | 0.751% |
| 219 | 14.691 | 14.678 | 14.705 | VV | 8535    | 113103   | 0.25%  | 0.018% |
| 220 | 14.733 | 14.705 | 14.788 | VV | 72740   | 1376952  | 3.04%  | 0.218% |
| 221 | 14.825 | 14.788 | 14.853 | VV | 19383   | 468231   | 1.03%  | 0.074% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 222 | 14.883 | 14.853 | 14.900 | VV | 27032  | 428311  | 0.94%  | 0.068% |
| 223 | 14.916 | 14.900 | 14.943 | VV | 22284  | 400088  | 0.88%  | 0.066% |
| 224 | 14.964 | 14.943 | 14.993 | VV | 19104  | 375441  | 0.83%  | 0.055% |
| 225 | 15.023 | 14.993 | 15.049 | VV | 28826  | 614893  | 1.36%  | 0.090% |
| 226 | 15.065 | 15.049 | 15.093 | VV | 11586  | 206492  | 0.46%  | 0.033% |
| 227 | 15.119 | 15.093 | 15.139 | PV | 16141  | 274338  | 0.61%  | 0.043% |
| 228 | 15.161 | 15.139 | 15.187 | VV | 28477  | 527434  | 1.16%  | 0.084% |
| 229 | 15.200 | 15.187 | 15.218 | VV | 15741  | 212688  | 0.47%  | 0.034% |
| 230 | 15.245 | 15.218 | 15.266 | VV | 71671  | 968792  | 2.14%  | 0.153% |
| 231 | 15.282 | 15.266 | 15.311 | VV | 32468  | 502297  | 1.11%  | 0.080% |
| 232 | 15.330 | 15.311 | 15.365 | VV | 21020  | 469684  | 1.04%  | 0.074% |
| 233 | 15.407 | 15.365 | 15.448 | VV | 55908  | 1338768 | 2.95%  | 0.212% |
| 234 | 15.478 | 15.448 | 15.509 | VV | 22451  | 413524  | 0.91%  | 0.065% |
| 235 | 15.527 | 15.509 | 15.548 | VV | 5758   | 81118   | 0.18%  | 0.013% |
| 236 | 15.570 | 15.548 | 15.585 | VV | 14253  | 182433  | 0.40%  | 0.029% |
| 237 | 15.596 | 15.585 | 15.617 | VV | 9278   | 103919  | 0.23%  | 0.016% |
| 238 | 15.663 | 15.617 | 15.691 | VV | 20815  | 465855  | 1.03%  | 0.074% |
| 239 | 15.704 | 15.691 | 15.725 | VV | 6482   | 84279   | 0.19%  | 0.013% |
| 240 | 15.749 | 15.725 | 15.796 | PV | 5696   | 109315  | 0.24%  | 0.017% |
| 241 | 15.806 | 15.796 | 15.813 | VV | 2204   | 13843   | 0.03%  | 0.002% |
| 242 | 15.842 | 15.813 | 15.869 | VV | 23877  | 370744  | 0.82%  | 0.059% |
| 243 | 15.886 | 15.869 | 15.904 | VV | 8381   | 98759   | 0.22%  | 0.016% |
| 244 | 15.925 | 15.904 | 15.964 | VV | 14716  | 311808  | 0.69%  | 0.049% |
| 245 | 15.985 | 15.964 | 16.025 | VV | 14473  | 302334  | 0.67%  | 0.048% |
| 246 | 16.046 | 16.025 | 16.073 | VV | 22058  | 316994  | 0.70%  | 0.050% |
| 247 | 16.137 | 16.073 | 16.198 | PV | 273225 | 5385164 | 11.88% | 0.853% |
| 248 | 16.219 | 16.198 | 16.238 | VV | 5023   | 96226   | 0.21%  | 0.015% |
| 249 | 16.263 | 16.238 | 16.286 | VV | 52778  | 684129  | 1.51%  | 0.108% |
| 250 | 16.320 | 16.286 | 16.368 | VV | 30958  | 658271  | 1.45%  | 0.104% |
| 251 | 16.421 | 16.368 | 16.433 | VV | 59216  | 927121  | 2.04%  | 0.147% |
| 252 | 16.454 | 16.433 | 16.485 | VV | 149686 | 2110510 | 4.66%  | 0.334% |
| 253 | 16.515 | 16.485 | 16.563 | VV | 213328 | 3023186 | 6.67%  | 0.479% |
| 254 | 16.613 | 16.563 | 16.641 | VV | 65098  | 986096  | 2.18%  | 0.156% |
| 255 | 16.660 | 16.641 | 16.680 | VV | 10862  | 199685  | 0.44%  | 0.032% |
| 256 | 16.765 | 16.680 | 16.785 | VV | 23483  | 799297  | 1.76%  | 0.127% |
| 257 | 16.804 | 16.785 | 16.844 | VV | 21847  | 639246  | 1.41%  | 0.101% |
| 258 | 16.876 | 16.844 | 16.954 | VV | 40015  | 1409044 | 3.11%  | 0.223% |
| 259 | 17.006 | 16.954 | 17.024 | VV | 19540  | 602751  | 1.33%  | 0.095% |
| 260 | 17.062 | 17.024 | 17.080 | VV | 31482  | 751949  | 1.66%  | 0.119% |
| 261 | 17.099 | 17.080 | 17.116 | VV | 23621  | 437961  | 0.97%  | 0.069% |
| 262 | 17.130 | 17.116 | 17.150 | VV | 21593  | 372441  | 0.82%  | 0.059% |
| 263 | 17.171 | 17.150 | 17.195 | VV | 30015  | 570157  | 1.26%  | 0.090% |
| 264 | 17.210 | 17.195 | 17.231 | VV | 16380  | 322636  | 0.71%  | 0.051% |
| 265 | 17.241 | 17.231 | 17.279 | VV | 14055  | 347676  | 0.77%  | 0.055% |
| 266 | 17.293 | 17.279 | 17.308 | VV | 12292  | 188697  | 0.42%  | 0.030% |
| 267 | 17.329 | 17.308 | 17.345 | VV | 11027  | 218934  | 0.48%  | 0.035% |
| 268 | 17.376 | 17.345 | 17.397 | VV | 12529  | 326754  | 0.72%  | 0.052% |
| 269 | 17.425 | 17.397 | 17.445 | VV | 13672  | 338712  | 0.75%  | 0.054% |

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Manual Integrations  
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|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 270 | 17.501 | 17.445 | 17.534 | VV | 24149  | 851246  | 1.88% | 0.135% |
| 271 | 17.597 | 17.534 | 17.629 | VV | 18137  | 725794  | 1.60% | 0.111% |
| 272 | 17.660 | 17.629 | 17.672 | VV | 18651  | 428969  | 0.95% | 0.066% |
| 273 | 17.679 | 17.672 | 17.703 | VV | 17653  | 283713  | 0.63% | 0.041% |
| 274 | 17.722 | 17.703 | 17.761 | VV | 14402  | 403483  | 0.89% | 0.066% |
| 275 | 17.795 | 17.761 | 17.853 | VV | 43498  | 1123321 | 2.48% | 0.178% |
| 276 | 17.889 | 17.853 | 17.912 | VV | 111779 | 1832244 | 4.04% | 0.290% |
| 277 | 17.922 | 17.912 | 17.957 | VV | 39681  | 720239  | 1.59% | 0.114% |
| 278 | 17.978 | 17.957 | 17.999 | VV | 19566  | 390974  | 0.86% | 0.062% |
| 279 | 18.020 | 17.999 | 18.036 | VV | 32830  | 494288  | 1.09% | 0.078% |
| 280 | 18.051 | 18.036 | 18.098 | VV | 28598  | 628709  | 1.39% | 0.100% |
| 281 | 18.142 | 18.098 | 18.172 | VV | 94371  | 1448669 | 3.20% | 0.229% |
| 282 | 18.205 | 18.172 | 18.248 | VV | 38648  | 835137  | 1.84% | 0.132% |
| 283 | 18.279 | 18.248 | 18.308 | VV | 34554  | 619094  | 1.37% | 0.098% |
| 284 | 18.330 | 18.308 | 18.358 | VV | 14376  | 290377  | 0.64% | 0.046% |
| 285 | 18.382 | 18.358 | 18.392 | VV | 8450   | 135840  | 0.30% | 0.022% |
| 286 | 18.408 | 18.392 | 18.431 | VV | 8254   | 173337  | 0.38% | 0.027% |
| 287 | 18.456 | 18.431 | 18.505 | VV | 14034  | 431423  | 0.95% | 0.068% |
| 288 | 18.579 | 18.505 | 18.635 | VV | 20035  | 911399  | 2.01% | 0.144% |
| 289 | 18.660 | 18.635 | 18.688 | VV | 17764  | 410011  | 0.90% | 0.065% |
| 290 | 18.725 | 18.688 | 18.781 | VV | 20697  | 735170  | 1.62% | 0.116% |
| 291 | 18.834 | 18.781 | 18.877 | VV | 15106  | 546536  | 1.21% | 0.087% |
| 292 | 18.892 | 18.877 | 18.905 | VV | 8380   | 126525  | 0.28% | 0.020% |
| 293 | 18.925 | 18.905 | 18.966 | VV | 9516   | 310711  | 0.69% | 0.049% |
| 294 | 18.997 | 18.966 | 19.048 | VV | 10293  | 443179  | 0.98% | 0.070% |
| 295 | 19.070 | 19.048 | 19.081 | VV | 11267  | 198817  | 0.44% | 0.031% |
| 296 | 19.115 | 19.081 | 19.141 | VV | 20712  | 561199  | 1.24% | 0.089% |
| 297 | 19.158 | 19.141 | 19.184 | VV | 17221  | 370426  | 0.82% | 0.059% |
| 298 | 19.217 | 19.184 | 19.245 | VV | 15739  | 518156  | 1.14% | 0.082% |
| 299 | 19.303 | 19.245 | 19.338 | VV | 40718  | 1251101 | 2.76% | 0.198% |
| 300 | 19.371 | 19.338 | 19.411 | VV | 43350  | 1113389 | 2.46% | 0.176% |
| 301 | 19.428 | 19.411 | 19.452 | VV | 22427  | 486245  | 1.07% | 0.077% |
| 302 | 19.484 | 19.452 | 19.535 | VV | 23578  | 985979  | 2.17% | 0.156% |
| 303 | 19.590 | 19.535 | 19.605 | VV | 22772  | 758119  | 1.67% | 0.120% |
| 304 | 19.610 | 19.605 | 19.638 | VV | 20480  | 389449  | 0.86% | 0.062% |
| 305 | 19.682 | 19.638 | 19.724 | VV | 49461  | 1569257 | 3.46% | 0.248% |
| 306 | 19.755 | 19.724 | 19.775 | VV | 35492  | 867014  | 1.91% | 0.137% |
| 307 | 19.791 | 19.775 | 19.825 | VV | 28328  | 791156  | 1.75% | 0.125% |
| 308 | 19.847 | 19.825 | 19.885 | VV | 30149  | 941710  | 2.08% | 0.149% |
| 309 | 19.902 | 19.885 | 19.926 | VV | 23993  | 560078  | 1.24% | 0.089% |
| 310 | 20.078 | 19.926 | 20.088 | VV | 31997  | 2682398 | 5.92% | 0.425% |
| 311 | 20.126 | 20.088 | 20.135 | VV | 33705  | 901228  | 1.99% | 0.143% |
| 312 | 20.207 | 20.135 | 20.224 | VV | 37935  | 1810770 | 3.99% | 0.287% |
| 313 | 20.237 | 20.224 | 20.261 | VV | 34628  | 752424  | 1.66% | 0.119% |
| 314 | 20.278 | 20.261 | 20.288 | VV | 34893  | 535315  | 1.18% | 0.085% |
| 315 | 20.348 | 20.288 | 20.380 | VV | 35732  | 1861156 | 4.11% | 0.295% |
| 316 | 20.428 | 20.380 | 20.463 | VV | 32647  | 1593465 | 3.51% | 0.252% |

Instrument :  
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Manual Integrations  
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|                         | Area   | Height | Area%  | Height% | Area      | Height  | Area% | Height% |
|-------------------------|--------|--------|--------|---------|-----------|---------|-------|---------|
| 317                     | 20.492 | 20.463 | 20.523 | VV      | 32298     | 1122151 | 2.48% | 0.178%  |
| 318                     | 20.552 | 20.523 | 20.613 | VV      | 31185     | 1501091 | 3.31% | 0.23%   |
| 319                     | 20.626 | 20.613 | 20.634 | VV      | 24882     | 309426  | 0.68% | 0.04%   |
| 320                     | 20.674 | 20.634 | 20.731 | VV      | 27164     | 1437252 | 3.17% | 0.22%   |
| 321                     | 20.760 | 20.731 | 20.825 | VV      | 25880     | 1263381 | 2.79% | 0.20%   |
| 322                     | 20.875 | 20.825 | 20.908 | VV      | 23356     | 1076651 | 2.37% | 0.170%  |
| 323                     | 20.925 | 20.908 | 20.987 | VV      | 21235     | 911785  | 2.01% | 0.144%  |
| 324                     | 21.005 | 20.987 | 21.015 | VV      | 17477     | 273968  | 0.60% | 0.043%  |
| 325                     | 21.040 | 21.015 | 21.087 | VV      | 17927     | 663033  | 1.46% | 0.105%  |
| 326                     | 21.131 | 21.087 | 21.142 | VV      | 13959     | 427184  | 0.94% | 0.068%  |
| 327                     | 21.150 | 21.142 | 21.283 | VV      | 13341     | 687881  | 1.52% | 0.109%  |
| 328                     | 21.329 | 21.283 | 21.351 | VV      | 10844     | 328946  | 0.73% | 0.052%  |
| 329                     | 21.385 | 21.351 | 21.471 | VV      | 12027     | 507274  | 1.12% | 0.080%  |
| Sum of corrected areas: |        |        |        |         | 631599108 |         |       |         |

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Manual Integrations  
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