

Instrument :  
FID\_C  
ClientSampleId :  
S-1MS

rteres

# Area Percent Report

Manual Integrations  
APPROVED

mohammad  
8/31/2021 12:52:50 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC083021AL\  
Data File : FC055456.D  
Signal(s) : FID1A.CH  
Acq On : 31 Aug 2021 5:03  
Sample : M3569-01MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.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         | 3.404       | 3.365        | 3.471      | BV       | 482192         | 3879002      | 34.71%         | 1.202%        |
| 2         | 3.530       | 3.471        | 3.568      | PV       | 476            | 11575        | 0.10%          | 0.004%        |
| 3         | 3.582       | 3.568        | 3.595      | VV       | 448            | 4640         | 0.04%          | 0.001%        |
| 4         | 3.603       | 3.595        | 3.628      | VV       | 360            | 5197         | 0.05%          | 0.002%        |
| 5         | 3.633       | 3.628        | 3.658      | VV       | 254            | 4344         | 0.04%          | 0.001%        |
| 6         | 3.679       | 3.658        | 3.691      | VV       | 566            | 8999         | 0.08%          | 0.003%        |
| 7         | 3.705       | 3.691        | 3.750      | VV       | 1306           | 19809        | 0.18%          | 0.006%        |
| 8         | 3.778       | 3.750        | 3.808      | VV       | 513            | 10736        | 0.10%          | 0.003%        |
| 9         | 3.811       | 3.808        | 3.865      | VV       | 361            | 6488         | 0.06%          | 0.002%        |
| 10        | 3.901       | 3.865        | 3.935      | PV       | 331            | 9888         | 0.09%          | 0.003%        |
| 11        | 3.955       | 3.935        | 3.965      | VV       | 455            | 5581         | 0.05%          | 0.002%        |
| 12        | 3.983       | 3.965        | 4.035      | VV       | 408            | 9909         | 0.09%          | 0.003%        |
| 13        | 4.048       | 4.035        | 4.057      | VV       | 263            | 3055         | 0.03%          | 0.001%        |
| 14        | 4.085       | 4.057        | 4.139      | VV       | 1040           | 22970        | 0.21%          | 0.007%        |
| 15        | 4.145       | 4.139        | 4.155      | VV       | 259            | 1672         | 0.01%          | 0.001%        |
| 16        | 4.171       | 4.155        | 4.198      | VV       | 428            | 5244         | 0.05%          | 0.002%        |
| 17        | 4.239       | 4.198        | 4.263      | VV       | 1335           | 17300        | 0.15%          | 0.005%        |
| 18        | 4.278       | 4.263        | 4.291      | VV       | 411            | 4315         | 0.04%          | 0.001%        |
| 19        | 4.301       | 4.291        | 4.327      | VV       | 545            | 8011         | 0.07%          | 0.002%        |
| 20        | 4.336       | 4.327        | 4.352      | VV       | 349            | 3281         | 0.03%          | 0.001%        |
| 21        | 4.372       | 4.352        | 4.401      | VV       | 242            | 5291         | 0.05%          | 0.002%        |
| 22        | 4.435       | 4.401        | 4.448      | VV       | 296            | 5606         | 0.05%          | 0.002%        |
| 23        | 4.474       | 4.448        | 4.496      | VV       | 515301         | 4416862      | 39.52%         | 1.369%        |
| 24        | 4.517       | 4.496        | 4.555      | VV       | 546925         | 4599447      | 41.15%         | 1.425%        |
| 25        | 4.572       | 4.555        | 4.601      | VV       | 659            | 10357        | 0.09%          | 0.003%        |
| 26        | 4.626       | 4.601        | 4.660      | VV       | 817            | 12036        | 0.11%          | 0.004%        |
| 27        | 4.727       | 4.660        | 4.744      | VV       | 701            | 23311        | 0.21%          | 0.007%        |
| 28        | 4.761       | 4.744        | 4.795      | VV       | 970            | 14760        | 0.13%          | 0.005%        |
| 29        | 4.825       | 4.795        | 4.845      | VV       | 699            | 15223        | 0.14%          | 0.005%        |
| 30        | 4.858       | 4.845        | 4.878      | VV       | 823            | 11284        | 0.10%          | 0.003%        |
| 31        | 4.894       | 4.878        | 4.915      | VV       | 474            | 7223         | 0.06%          | 0.002%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 32 | 4.926 | 4.915 | 4.938 | VV | 413    | 4861    | 0.04%  | 0.002% |
| 33 | 4.951 | 4.938 | 4.967 | VV | 483    | 5436    | 0.05%  | 0.002% |
| 34 | 4.978 | 4.967 | 4.989 | VV | 243    | 2631    | 0.02%  | 0.002% |
| 35 | 5.005 | 4.989 | 5.015 | VV | 241    | 3248    | 0.03%  | 0.002% |
| 36 | 5.025 | 5.015 | 5.044 | VV | 269    | 2937    | 0.03%  | 0.002% |
| 37 | 5.063 | 5.044 | 5.071 | VV | 755    | 7647    | 0.07%  | 0.002% |
| 38 | 5.078 | 5.071 | 5.091 | VV | 554    | 5997    | 0.05%  | 0.002% |
| 39 | 5.108 | 5.091 | 5.138 | VV | 1745   | 22050   | 0.20%  | 0.007% |
| 40 | 5.164 | 5.138 | 5.181 | VV | 1348   | 17358   | 0.16%  | 0.005% |
| 41 | 5.194 | 5.181 | 5.208 | VV | 636    | 8290    | 0.07%  | 0.003% |
| 42 | 5.215 | 5.208 | 5.238 | VV | 668    | 7393    | 0.07%  | 0.002% |
| 43 | 5.249 | 5.238 | 5.271 | VV | 464    | 4758    | 0.04%  | 0.001% |
| 44 | 5.298 | 5.271 | 5.314 | VV | 560    | 8691    | 0.08%  | 0.003% |
| 45 | 5.334 | 5.314 | 5.366 | VV | 712    | 11135   | 0.10%  | 0.003% |
| 46 | 5.391 | 5.366 | 5.454 | VV | 459    | 14731   | 0.13%  | 0.005% |
| 47 | 5.475 | 5.454 | 5.484 | VV | 367    | 4092    | 0.04%  | 0.001% |
| 48 | 5.510 | 5.484 | 5.528 | VV | 3707   | 38539   | 0.34%  | 0.012% |
| 49 | 5.552 | 5.528 | 5.571 | VV | 1325   | 17774   | 0.16%  | 0.006% |
| 50 | 5.582 | 5.571 | 5.593 | VV | 238    | 1948    | 0.02%  | 0.001% |
| 51 | 5.609 | 5.593 | 5.648 | VV | 520    | 8049    | 0.07%  | 0.002% |
| 52 | 5.666 | 5.648 | 5.683 | VV | 260    | 4876    | 0.04%  | 0.002% |
| 53 | 5.701 | 5.683 | 5.731 | VV | 604    | 8760    | 0.08%  | 0.003% |
| 54 | 5.758 | 5.731 | 5.780 | VV | 250    | 5040    | 0.05%  | 0.002% |
| 55 | 5.796 | 5.780 | 5.803 | VV | 408    | 3126    | 0.03%  | 0.001% |
| 56 | 5.815 | 5.803 | 5.838 | VV | 470    | 5744    | 0.05%  | 0.002% |
| 57 | 5.860 | 5.838 | 5.900 | VV | 335    | 8173    | 0.07%  | 0.003% |
| 58 | 5.914 | 5.900 | 5.945 | VV | 322    | 5608    | 0.05%  | 0.002% |
| 59 | 5.965 | 5.945 | 5.987 | PV | 391    | 4689    | 0.04%  | 0.001% |
| 60 | 6.064 | 5.987 | 6.094 | VV | 592106 | 5286124 | 47.30% | 1.638% |
| 61 | 6.129 | 6.094 | 6.184 | VV | 15704  | 184868  | 1.65%  | 0.057% |
| 62 | 6.214 | 6.184 | 6.232 | VV | 1072   | 17194   | 0.15%  | 0.005% |
| 63 | 6.253 | 6.232 | 6.271 | VV | 614    | 10210   | 0.09%  | 0.003% |
| 64 | 6.293 | 6.271 | 6.321 | VV | 496    | 11847   | 0.11%  | 0.004% |
| 65 | 6.339 | 6.321 | 6.359 | VV | 883    | 14322   | 0.13%  | 0.004% |
| 66 | 6.371 | 6.359 | 6.391 | VV | 653    | 10611   | 0.09%  | 0.003% |
| 67 | 6.401 | 6.391 | 6.411 | VV | 505    | 4833    | 0.04%  | 0.001% |
| 68 | 6.431 | 6.411 | 6.446 | VV | 685    | 10472   | 0.09%  | 0.003% |
| 69 | 6.497 | 6.446 | 6.543 | VV | 501921 | 4892005 | 43.77% | 1.516% |
| 70 | 6.609 | 6.543 | 6.619 | VV | 517    | 13913   | 0.12%  | 0.004% |
| 71 | 6.644 | 6.619 | 6.668 | VV | 2015   | 30757   | 0.28%  | 0.010% |
| 72 | 6.674 | 6.668 | 6.683 | VV | 818    | 6923    | 0.06%  | 0.002% |
| 73 | 6.689 | 6.683 | 6.706 | VV | 811    | 9826    | 0.09%  | 0.003% |
| 74 | 6.714 | 6.706 | 6.747 | VV | 550    | 9506    | 0.09%  | 0.003% |
| 75 | 6.769 | 6.747 | 6.796 | VV | 704    | 11958   | 0.11%  | 0.004% |
| 76 | 6.823 | 6.796 | 6.848 | VV | 960    | 17345   | 0.16%  | 0.005% |
| 77 | 6.860 | 6.848 | 6.868 | VV | 264    | 2750    | 0.02%  | 0.001% |
| 78 | 6.896 | 6.868 | 6.925 | VV | 604    | 13208   | 0.12%  | 0.004% |
| 79 | 6.966 | 6.925 | 6.981 | VV | 1705   | 24236   | 0.22%  | 0.008% |

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|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 80  | 7.028 | 6.981 | 7.045 | VV | 4509   | 68155   | 0.61%  | 0.021% |
| 81  | 7.056 | 7.045 | 7.081 | VV | 1571   | 19448   | 0.17%  | 0.006% |
| 82  | 7.124 | 7.081 | 7.150 | VV | 566837 | 5378204 | 48.12% | 1.666% |
| 83  | 7.157 | 7.150 | 7.181 | VV | 1645   | 20173   | 0.18%  | 0.006% |
| 84  | 7.199 | 7.181 | 7.237 | VV | 2484   | 36041   | 0.32%  | 0.010% |
| 85  | 7.257 | 7.237 | 7.281 | VV | 2520   | 31169   | 0.28%  | 0.010% |
| 86  | 7.311 | 7.281 | 7.359 | VV | 1194   | 36168   | 0.32%  | 0.011% |
| 87  | 7.383 | 7.359 | 7.398 | VV | 1123   | 17855   | 0.16%  | 0.006% |
| 88  | 7.420 | 7.398 | 7.453 | VV | 8743   | 94924   | 0.85%  | 0.029% |
| 89  | 7.489 | 7.453 | 7.501 | VV | 658    | 13458   | 0.12%  | 0.004% |
| 90  | 7.514 | 7.501 | 7.525 | VV | 707    | 8017    | 0.07%  | 0.002% |
| 91  | 7.542 | 7.525 | 7.571 | VV | 1222   | 19457   | 0.17%  | 0.006% |
| 92  | 7.596 | 7.571 | 7.627 | VV | 1439   | 26753   | 0.24%  | 0.008% |
| 93  | 7.643 | 7.627 | 7.666 | VV | 384    | 6385    | 0.06%  | 0.002% |
| 94  | 7.680 | 7.666 | 7.697 | VV | 450    | 5381    | 0.05%  | 0.002% |
| 95  | 7.737 | 7.697 | 7.810 | VV | 566837 | 5318473 | 47.59% | 1.648% |
| 96  | 7.861 | 7.810 | 7.891 | VV | 171951 | 346776  | 3.10%  | 0.107% |
| 97  | 7.903 | 7.891 | 7.921 | VV | 1108   | 14424   | 0.13%  | 0.004% |
| 98  | 7.943 | 7.921 | 7.963 | VV | 1214   | 16667   | 0.15%  | 0.005% |
| 99  | 7.989 | 7.963 | 8.021 | VV | 2366   | 38666   | 0.35%  | 0.012% |
| 100 | 8.045 | 8.021 | 8.080 | VV | 1726   | 28555   | 0.26%  | 0.009% |
| 101 | 8.115 | 8.080 | 8.137 | VV | 3217   | 44696   | 0.40%  | 0.014% |
| 102 | 8.149 | 8.137 | 8.161 | VV | 677    | 9057    | 0.08%  | 0.003% |
| 103 | 8.222 | 8.161 | 8.239 | VV | 1822   | 49625   | 0.44%  | 0.015% |
| 104 | 8.298 | 8.239 | 8.329 | VV | 535298 | 5560674 | 49.75% | 1.723% |
| 105 | 8.342 | 8.329 | 8.361 | VV | 623    | 8264    | 0.07%  | 0.003% |
| 106 | 8.410 | 8.361 | 8.448 | VV | 613397 | 5912775 | 52.91% | 1.832% |
| 107 | 8.462 | 8.448 | 8.478 | VV | 1059   | 11946   | 0.11%  | 0.004% |
| 108 | 8.488 | 8.478 | 8.511 | VV | 630    | 8882    | 0.08%  | 0.003% |
| 109 | 8.522 | 8.511 | 8.559 | VV | 478    | 8436    | 0.08%  | 0.003% |
| 110 | 8.607 | 8.559 | 8.635 | VV | 380687 | 3628191 | 32.46% | 1.124% |
| 111 | 8.653 | 8.635 | 8.671 | VV | 810    | 13011   | 0.12%  | 0.004% |
| 112 | 8.708 | 8.671 | 8.735 | VV | 618416 | 6223168 | 55.68% | 1.928% |
| 113 | 8.758 | 8.735 | 8.800 | VV | 1593   | 33135   | 0.30%  | 0.010% |
| 114 | 8.831 | 8.800 | 8.861 | VV | 3515   | 50402   | 0.45%  | 0.016% |
| 115 | 8.884 | 8.861 | 8.900 | VV | 748    | 10722   | 0.10%  | 0.003% |
| 116 | 8.915 | 8.900 | 8.926 | VV | 641    | 7735    | 0.07%  | 0.002% |
| 117 | 8.943 | 8.926 | 8.956 | VV | 1000   | 12271   | 0.11%  | 0.004% |
| 118 | 8.974 | 8.956 | 8.995 | VV | 2323   | 28308   | 0.25%  | 0.009% |
| 119 | 9.014 | 8.995 | 9.043 | VV | 1265   | 23464   | 0.21%  | 0.007% |
| 120 | 9.064 | 9.043 | 9.080 | VV | 723    | 11485   | 0.10%  | 0.004% |
| 121 | 9.117 | 9.080 | 9.139 | VV | 5921   | 75271   | 0.67%  | 0.023% |
| 122 | 9.150 | 9.139 | 9.181 | VV | 1014   | 13861   | 0.12%  | 0.004% |
| 123 | 9.203 | 9.181 | 9.235 | VV | 482    | 9683    | 0.09%  | 0.003% |
| 124 | 9.266 | 9.235 | 9.283 | VV | 1041   | 14728   | 0.13%  | 0.005% |
| 125 | 9.299 | 9.283 | 9.328 | VV | 745    | 11290   | 0.10%  | 0.003% |
| 126 | 9.351 | 9.328 | 9.365 | VV | 559    | 7673    | 0.07%  | 0.002% |

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|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 127    | 9.405  | 9.365  | 9.424  | VV | 1288   | 23420   | 0.21%  | 0.007% |  |
| 128    | 9.442  | 9.424  | 9.457  | VV | 1401   | 19955   | 0.18%  | 0.006% |  |
| 129    | 9.492  | 9.457  | 9.548  | VV | 605720 | 6192114 | 55.40% | 1.912% |  |
| 130    | 9.560  | 9.548  | 9.597  | VV | 10101  | 65582   | 0.59%  | 0.022% |  |
| 131    | 9.636  | 9.597  | 9.651  | VV | 1410   | 30758   | 0.28%  | 0.011% |  |
| 132    | 9.675  | 9.651  | 9.684  | VV | 2922   | 38998   | 0.35%  | 0.012% |  |
| 133    | 9.700  | 9.684  | 9.721  | VV | 8270   | 91684   | 0.82%  | 0.028% |  |
| 134    | 9.735  | 9.721  | 9.755  | VV | 1109   | 13361   | 0.12%  | 0.004% |  |
| 135    | 9.771  | 9.755  | 9.787  | VV | 642    | 8097    | 0.07%  | 0.003% |  |
| 136    | 9.809  | 9.787  | 9.822  | VV | 1448   | 19669   | 0.18%  | 0.006% |  |
| 137    | 9.831  | 9.822  | 9.848  | VV | 1019   | 14947   | 0.13%  | 0.005% |  |
| 138    | 9.900  | 9.848  | 9.951  | VV | 570161 | 5896339 | 52.76% | 1.827% |  |
| 139    | 9.983  | 9.951  | 9.994  | VV | 844    | 15935   | 0.14%  | 0.005% |  |
| 140    | 10.005 | 9.994  | 10.047 | VV | 771    | 11880   | 0.11%  | 0.004% |  |
| 141    | 10.070 | 10.047 | 10.118 | VV | 664    | 12480   | 0.11%  | 0.004% |  |
| 142    | 10.135 | 10.118 | 10.152 | VV | 169    | 2366    | 0.02%  | 0.001% |  |
| 143    | 10.174 | 10.152 | 10.191 | PV | 825    | 9937    | 0.09%  | 0.003% |  |
| 144    | 10.237 | 10.191 | 10.259 | VV | 900    | 19031   | 0.17%  | 0.006% |  |
| 145    | 10.286 | 10.259 | 10.315 | VV | 3381   | 49360   | 0.44%  | 0.015% |  |
| 146    | 10.337 | 10.315 | 10.354 | VV | 1727   | 26027   | 0.23%  | 0.008% |  |
| 147    | 10.369 | 10.354 | 10.394 | VV | 1580   | 25499   | 0.23%  | 0.008% |  |
| 148    | 10.410 | 10.394 | 10.424 | VV | 1311   | 17139   | 0.15%  | 0.005% |  |
| 149    | 10.434 | 10.424 | 10.459 | VV | 991    | 11535   | 0.10%  | 0.004% |  |
| 150    | 10.494 | 10.459 | 10.516 | VV | 885    | 20191   | 0.18%  | 0.006% |  |
| 151    | 10.537 | 10.516 | 10.557 | VV | 2052   | 29969   | 0.27%  | 0.009% |  |
| 152    | 10.567 | 10.557 | 10.580 | VV | 1071   | 12971   | 0.12%  | 0.004% |  |
| 153    | 10.591 | 10.580 | 10.603 | VV | 1072   | 10735   | 0.10%  | 0.003% |  |
| 154    | 10.636 | 10.603 | 10.671 | VV | 5555   | 85834   | 0.77%  | 0.027% |  |
| 155    | 10.698 | 10.671 | 10.809 | VV | 6569   | 162724  | 1.46%  | 0.050% |  |
| 156    | 10.898 | 10.809 | 10.935 | VV | 568621 | 6233882 | 55.78% | 1.932% |  |
| 157    | 10.974 | 10.935 | 11.021 | VV | 586963 | 6152959 | 55.05% | 1.906% |  |
| 158    | 11.044 | 11.021 | 11.073 | VV | 2432   | 39242   | 0.35%  | 0.012% |  |
| 159    | 11.091 | 11.073 | 11.122 | VV | 904    | 13914   | 0.12%  | 0.004% |  |
| 160    | 11.141 | 11.122 | 11.153 | VV | 789    | 9389    | 0.08%  | 0.003% |  |
| 161    | 11.176 | 11.153 | 11.222 | VV | 4465   | 62492   | 0.56%  | 0.019% |  |
| 162    | 11.345 | 11.222 | 11.378 | VV | 538245 | 6165635 | 55.17% | 1.910% |  |
| 163    | 11.431 | 11.378 | 11.467 | VV | 3344   | 77840   | 0.70%  | 0.024% |  |
| 164    | 11.496 | 11.467 | 11.516 | VV | 1141   | 18739   | 0.17%  | 0.006% |  |
| 165    | 11.541 | 11.516 | 11.565 | VV | 965    | 12580   | 0.11%  | 0.004% |  |
| 166    | 11.666 | 11.565 | 11.708 | VV | 449781 | 4846182 | 43.36% | 1.502% |  |
| 167    | 11.725 | 11.708 | 11.766 | VV | 4710   | 63300   | 0.57%  | 0.020% |  |
| 168    | 11.809 | 11.766 | 11.827 | VV | 3888   | 73374   | 0.66%  | 0.023% |  |
| 169    | 11.843 | 11.827 | 11.858 | VV | 3325   | 39128   | 0.35%  | 0.012% |  |
| 170    | 11.874 | 11.858 | 11.901 | VV | 3085   | 38882   | 0.35%  | 0.012% |  |
| 171    | 11.914 | 11.901 | 11.927 | VV | 372    | 3453    | 0.03%  | 0.001% |  |
| 172    | 11.949 | 11.927 | 11.964 | PV | 631    | 9048    | 0.08%  | 0.003% |  |
| 173    | 12.011 | 11.964 | 12.030 | VV | 4235   | 69536   | 0.62%  | 0.022% |  |
| 174    | 12.047 | 12.030 | 12.079 | VV | 2218   | 47275   | 0.42%  | 0.015% |  |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 175 | 12.106 | 12.079 | 12.141 | VV | 1748   | 40186   | 0.36%  | 0.012% |
| 176 | 12.165 | 12.141 | 12.205 | VV | 2635   | 39371   | 0.35%  | 0.011% |
| 177 | 12.255 | 12.205 | 12.297 | VV | 37329  | 489025  | 4.38%  | 0.15%  |
| 178 | 12.316 | 12.297 | 12.358 | VV | 4023   | 68658   | 0.61%  | 0.02%  |
| 179 | 12.374 | 12.358 | 12.404 | VV | 1067   | 24386   | 0.22%  | 0.006% |
| 180 | 12.425 | 12.404 | 12.461 | VV | 1428   | 36042   | 0.32%  | 0.011% |
| 181 | 12.482 | 12.461 | 12.525 | VV | 2009   | 41300   | 0.37%  | 0.013% |
| 182 | 12.542 | 12.525 | 12.553 | VV | 1600   | 16682   | 0.15%  | 0.005% |
| 183 | 12.561 | 12.553 | 12.571 | VV | 940    | 9997    | 0.09%  | 0.003% |
| 184 | 12.596 | 12.571 | 12.617 | VV | 4132   | 59581   | 0.53%  | 0.018% |
| 185 | 12.657 | 12.617 | 12.684 | VV | 530314 | 5945565 | 53.20% | 1.842% |
| 186 | 12.721 | 12.684 | 12.788 | VV | 561113 | 6294651 | 56.32% | 1.950% |
| 187 | 12.847 | 12.788 | 12.864 | VV | 1702   | 27173   | 0.24%  | 0.008% |
| 188 | 12.899 | 12.864 | 12.938 | VV | 7885   | 113266  | 1.01%  | 0.035% |
| 189 | 12.947 | 12.938 | 12.978 | VV | 811    | 14642   | 0.13%  | 0.005% |
| 190 | 13.021 | 12.978 | 13.046 | VV | 572678 | 6300276 | 56.37% | 1.952% |
| 191 | 13.100 | 13.046 | 13.129 | VV | 322897 | 3862351 | 34.56% | 1.197% |
| 192 | 13.142 | 13.129 | 13.165 | VV | 1471   | 22579   | 0.20%  | 0.007% |
| 193 | 13.206 | 13.165 | 13.230 | VV | 2164   | 50656   | 0.45%  | 0.016% |
| 194 | 13.269 | 13.230 | 13.303 | PV | 510919 | 5916670 | 52.94% | 1.833% |
| 195 | 13.337 | 13.303 | 13.391 | VV | 3384   | 110047  | 0.98%  | 0.034% |
| 196 | 13.407 | 13.391 | 13.422 | VV | 1977   | 21326   | 0.19%  | 0.007% |
| 197 | 13.440 | 13.422 | 13.447 | VV | 1304   | 15781   | 0.14%  | 0.005% |
| 198 | 13.488 | 13.447 | 13.561 | VV | 17184  | 294351  | 2.63%  | 0.091% |
| 199 | 13.598 | 13.561 | 13.630 | VV | 7197   | 122547  | 1.10%  | 0.038% |
| 200 | 13.665 | 13.630 | 13.676 | VV | 1210   | 27682   | 0.25%  | 0.009% |
| 201 | 13.704 | 13.676 | 13.728 | VV | 7356   | 118885  | 1.06%  | 0.037% |
| 202 | 13.746 | 13.728 | 13.771 | VV | 3869   | 59132   | 0.53%  | 0.018% |
| 203 | 13.793 | 13.771 | 13.815 | VV | 2212   | 48050   | 0.43%  | 0.015% |
| 204 | 13.855 | 13.815 | 13.897 | VV | 487402 | 5863602 | 52.47% | 1.817% |
| 205 | 13.916 | 13.897 | 13.951 | VV | 3572   | 61441   | 0.55%  | 0.019% |
| 206 | 13.988 | 13.951 | 14.011 | VV | 1564   | 43587   | 0.39%  | 0.014% |
| 207 | 14.054 | 14.011 | 14.066 | VV | 2094   | 45971   | 0.41%  | 0.014% |
| 208 | 14.080 | 14.066 | 14.112 | VV | 1937   | 43242   | 0.39%  | 0.013% |
| 209 | 14.131 | 14.112 | 14.161 | VV | 1578   | 35817   | 0.32%  | 0.011% |
| 210 | 14.240 | 14.161 | 14.255 | VV | 2029   | 79032   | 0.71%  | 0.024% |
| 211 | 14.288 | 14.255 | 14.312 | VV | 12711  | 186110  | 1.67%  | 0.058% |
| 212 | 14.330 | 14.312 | 14.351 | VV | 4703   | 77201   | 0.69%  | 0.024% |
| 213 | 14.370 | 14.351 | 14.391 | VV | 2624   | 44025   | 0.39%  | 0.014% |
| 214 | 14.415 | 14.391 | 14.464 | VV | 3820   | 110535  | 0.99%  | 0.034% |
| 215 | 14.514 | 14.464 | 14.555 | VV | 7724   | 201568  | 1.80%  | 0.062% |
| 216 | 14.577 | 14.555 | 14.597 | VV | 7881   | 112924  | 1.01%  | 0.035% |
| 217 | 14.634 | 14.597 | 14.655 | VV | 5501   | 128548  | 1.15%  | 0.040% |
| 218 | 14.705 | 14.655 | 14.720 | VV | 3635   | 115239  | 1.03%  | 0.036% |
| 219 | 14.740 | 14.720 | 14.784 | VV | 4173   | 131552  | 1.18%  | 0.041% |
| 220 | 14.802 | 14.784 | 14.818 | VV | 2881   | 56644   | 0.51%  | 0.018% |
| 221 | 14.841 | 14.818 | 14.858 | VV | 4750   | 89331   | 0.80%  | 0.028% |

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Manual Integrations  
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|-----|--------|--------|--------|----|--------|----------|---------|--------|
|     |        |        |        |    |        |          |         |        |
| 222 | 14.899 | 14.858 | 14.919 | VV | 408146 | 5623942  | 50.32%  | 1.743% |
| 223 | 14.948 | 14.919 | 15.005 | VV | 650565 | 11176170 | 100.00% | 3.46%  |
| 224 | 15.051 | 15.005 | 15.081 | VV | 7744   | 249257   | 2.23%   | 0.07%  |
| 225 | 15.100 | 15.081 | 15.111 | VV | 5129   | 87301    | 0.78%   | 0.02%  |
|     |        |        |        |    |        |          |         |        |
| 226 | 15.128 | 15.111 | 15.161 | VV | 6092   | 149345   | 1.34%   | 0.04%  |
| 227 | 15.201 | 15.161 | 15.211 | VV | 6002   | 151672   | 1.36%   | 0.047% |
| 228 | 15.228 | 15.211 | 15.263 | VV | 6279   | 163531   | 1.46%   | 0.051% |
| 229 | 15.330 | 15.263 | 15.365 | VV | 25618  | 556410   | 4.98%   | 0.172% |
| 230 | 15.383 | 15.365 | 15.421 | VV | 6687   | 206176   | 1.84%   | 0.064% |
|     |        |        |        |    |        |          |         |        |
| 231 | 15.429 | 15.421 | 15.439 | VV | 5713   | 58625    | 0.52%   | 0.018% |
| 232 | 15.475 | 15.439 | 15.506 | VV | 10168  | 304879   | 2.73%   | 0.094% |
| 233 | 15.519 | 15.506 | 15.539 | VV | 7411   | 137107   | 1.23%   | 0.042% |
| 234 | 15.561 | 15.539 | 15.582 | VV | 12448  | 231810   | 2.07%   | 0.072% |
| 235 | 15.599 | 15.582 | 15.637 | VV | 8408   | 243120   | 2.18%   | 0.075% |
|     |        |        |        |    |        |          |         |        |
| 236 | 15.649 | 15.637 | 15.655 | VV | 7044   | 73144    | 0.65%   | 0.023% |
| 237 | 15.730 | 15.655 | 15.775 | VV | 11007  | 617678   | 5.53%   | 0.191% |
| 238 | 15.804 | 15.775 | 15.831 | VV | 9517   | 284722   | 2.55%   | 0.088% |
| 239 | 15.852 | 15.831 | 15.871 | VV | 9933   | 216301   | 1.94%   | 0.067% |
| 240 | 15.889 | 15.871 | 15.938 | VV | 9902   | 372951   | 3.34%   | 0.116% |
|     |        |        |        |    |        |          |         |        |
| 241 | 15.982 | 15.938 | 16.064 | VV | 428133 | 6149511  | 55.02%  | 1.905% |
| 242 | 16.080 | 16.064 | 16.128 | VV | 10390  | 380921   | 3.41%   | 0.118% |
| 243 | 16.170 | 16.128 | 16.191 | VV | 13404  | 436244   | 3.90%   | 0.135% |
| 244 | 16.198 | 16.191 | 16.213 | VV | 12146  | 151617   | 1.36%   | 0.047% |
| 245 | 16.230 | 16.213 | 16.242 | VV | 12218  | 200118   | 1.79%   | 0.062% |
|     |        |        |        |    |        |          |         |        |
| 246 | 16.284 | 16.242 | 16.298 | VV | 13890  | 436774   | 3.91%   | 0.135% |
| 247 | 16.347 | 16.298 | 16.367 | VV | 16477  | 584709   | 5.23%   | 0.181% |
| 248 | 16.378 | 16.367 | 16.406 | VV | 14659  | 309292   | 2.77%   | 0.096% |
| 249 | 16.460 | 16.406 | 16.475 | VV | 365113 | 5829054  | 52.16%  | 1.806% |
| 250 | 16.494 | 16.475 | 16.524 | VV | 432466 | 5292030  | 47.35%  | 1.640% |
|     |        |        |        |    |        |          |         |        |
| 251 | 16.545 | 16.524 | 16.559 | VV | 17256  | 332292   | 2.97%   | 0.103% |
| 252 | 16.584 | 16.559 | 16.606 | VV | 20814  | 505833   | 4.53%   | 0.157% |
| 253 | 16.617 | 16.606 | 16.628 | VV | 17207  | 218390   | 1.95%   | 0.068% |
| 254 | 16.635 | 16.628 | 16.657 | VV | 16864  | 286884   | 2.57%   | 0.089% |
| 255 | 16.681 | 16.657 | 16.715 | VV | 17875  | 588895   | 5.27%   | 0.182% |
|     |        |        |        |    |        |          |         |        |
| 256 | 16.726 | 16.715 | 16.730 | VV | 16994  | 155720   | 1.39%   | 0.048% |
| 257 | 16.771 | 16.730 | 16.796 | VV | 30037  | 859691   | 7.69%   | 0.266% |
| 258 | 16.843 | 16.796 | 16.871 | VV | 391669 | 5634284  | 50.41%  | 1.746% |
| 259 | 16.932 | 16.871 | 17.013 | VV | 422748 | 6964822  | 62.32%  | 2.158% |
| 260 | 17.039 | 17.013 | 17.048 | VV | 20541  | 412297   | 3.69%   | 0.128% |
|     |        |        |        |    |        |          |         |        |
| 261 | 17.134 | 17.048 | 17.151 | VV | 22849  | 1295461  | 11.59%  | 0.401% |
| 262 | 17.188 | 17.151 | 17.223 | VV | 24917  | 999005   | 8.94%   | 0.310% |
| 263 | 17.261 | 17.223 | 17.274 | VV | 24156  | 708419   | 6.34%   | 0.219% |
| 264 | 17.326 | 17.274 | 17.339 | VV | 25823  | 930642   | 8.33%   | 0.288% |
| 265 | 17.358 | 17.339 | 17.369 | VV | 27581  | 477085   | 4.27%   | 0.148% |
|     |        |        |        |    |        |          |         |        |
| 266 | 17.376 | 17.369 | 17.405 | VV | 27515  | 547821   | 4.90%   | 0.170% |
| 267 | 17.419 | 17.405 | 17.447 | VV | 25919  | 634516   | 5.68%   | 0.197% |
| 268 | 17.497 | 17.447 | 17.541 | VV | 28096  | 1463124  | 13.09%  | 0.453% |
| 269 | 17.560 | 17.541 | 17.578 | VV | 27115  | 558639   | 5.00%   | 0.173% |

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Manual Integrations  
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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 270 | 17.591 | 17.578 | 17.645 | VV | 26094  | 1004229 | 8.99%  | 0.311% |
| 271 | 17.709 | 17.645 | 17.759 | VV | 30184  | 1833462 | 16.41% | 0.56%  |
| 272 | 17.822 | 17.759 | 17.853 | VV | 398278 | 6454127 | 57.75% | 2.00%  |
| 273 | 17.869 | 17.853 | 17.901 | VV | 28819  | 805821  | 7.21%  | 0.25%  |
| 274 | 17.924 | 17.901 | 17.933 | VV | 28667  | 541024  | 4.84%  | 0.16%  |
| 275 | 17.971 | 17.933 | 18.052 | VV | 39548  | 2273260 | 20.34% | 0.704% |
| 276 | 18.059 | 18.052 | 18.069 | VV | 29431  | 294505  | 2.64%  | 0.091% |
| 277 | 18.078 | 18.069 | 18.087 | VV | 29028  | 304513  | 2.72%  | 0.094% |
| 278 | 18.109 | 18.087 | 18.125 | VV | 31795  | 695431  | 6.22%  | 0.215% |
| 279 | 18.213 | 18.125 | 18.229 | VV | 309281 | 6195104 | 55.43% | 1.919% |
| 280 | 18.253 | 18.229 | 18.285 | VV | 362248 | 5296249 | 47.39% | 1.641% |
| 281 | 18.292 | 18.285 | 18.308 | VV | 32600  | 439332  | 3.93%  | 0.136% |
| 282 | 18.342 | 18.308 | 18.425 | VV | 41369  | 2399381 | 21.47% | 0.743% |
| 283 | 18.473 | 18.425 | 18.528 | VV | 336681 | 6227122 | 55.72% | 1.929% |
| 284 | 18.537 | 18.528 | 18.564 | VV | 33417  | 697926  | 6.24%  | 0.216% |
| 285 | 18.588 | 18.564 | 18.609 | VV | 34525  | 864074  | 7.73%  | 0.268% |
| 286 | 18.653 | 18.609 | 18.698 | VV | 373192 | 6271181 | 56.11% | 1.943% |
| 287 | 18.714 | 18.698 | 18.725 | VV | 32684  | 514228  | 4.60%  | 0.159% |
| 288 | 18.765 | 18.725 | 18.786 | VV | 41082  | 1279784 | 11.45% | 0.397% |
| 289 | 18.815 | 18.786 | 18.842 | VV | 39152  | 1204401 | 10.78% | 0.373% |
| 290 | 18.856 | 18.842 | 18.873 | VV | 34387  | 647117  | 5.79%  | 0.201% |
| 291 | 18.924 | 18.873 | 18.969 | VV | 37413  | 2037533 | 18.23% | 0.631% |
| 292 | 19.002 | 18.969 | 19.025 | VV | 43182  | 1318749 | 11.80% | 0.409% |
| 293 | 19.048 | 19.025 | 19.071 | VV | 44692  | 1114861 | 9.98%  | 0.345% |
| 294 | 19.092 | 19.071 | 19.148 | VV | 39347  | 1706749 | 15.27% | 0.529% |
| 295 | 19.167 | 19.148 | 19.197 | VV | 39758  | 1093944 | 9.79%  | 0.339% |
| 296 | 19.236 | 19.197 | 19.244 | VV | 37932  | 1014485 | 9.08%  | 0.314% |
| 297 | 19.258 | 19.244 | 19.278 | VV | 38658  | 781586  | 6.99%  | 0.242% |
| 298 | 19.286 | 19.278 | 19.303 | VV | 38309  | 572782  | 5.13%  | 0.177% |
| 299 | 19.318 | 19.303 | 19.331 | VV | 38241  | 616541  | 5.52%  | 0.191% |
| 300 | 19.357 | 19.331 | 19.394 | VV | 37959  | 1414454 | 12.66% | 0.438% |
| 301 | 19.438 | 19.394 | 19.521 | VV | 338751 | 7014070 | 62.76% | 2.173% |
| 302 | 19.559 | 19.521 | 19.568 | VV | 40800  | 1087593 | 9.73%  | 0.337% |
| 303 | 19.576 | 19.568 | 19.590 | VV | 39823  | 534987  | 4.79%  | 0.166% |
| 304 | 19.610 | 19.590 | 19.645 | VV | 42659  | 1311966 | 11.74% | 0.407% |
| 305 | 19.677 | 19.645 | 19.695 | VV | 43200  | 1225899 | 10.97% | 0.380% |
| 306 | 19.703 | 19.695 | 19.743 | VV | 40996  | 1163024 | 10.41% | 0.360% |
| 307 | 19.756 | 19.743 | 19.770 | VV | 40139  | 636613  | 5.70%  | 0.197% |
| 308 | 19.807 | 19.770 | 19.828 | VV | 46720  | 1529967 | 13.69% | 0.474% |
| 309 | 19.842 | 19.828 | 19.911 | VV | 43519  | 2062747 | 18.46% | 0.639% |
| 310 | 19.986 | 19.911 | 20.007 | VV | 46481  | 2435022 | 21.79% | 0.754% |
| 311 | 20.059 | 20.007 | 20.121 | VV | 44152  | 2919069 | 26.12% | 0.904% |
| 312 | 20.133 | 20.121 | 20.141 | VV | 40800  | 490386  | 4.39%  | 0.152% |
| 313 | 20.177 | 20.141 | 20.218 | VV | 305830 | 5604009 | 50.14% | 1.736% |
| 314 | 20.256 | 20.218 | 20.300 | VV | 48218  | 2241479 | 20.06% | 0.695% |
| 315 | 20.340 | 20.300 | 20.465 | VV | 49616  | 4432758 | 39.66% | 1.373% |
| 316 | 20.536 | 20.465 | 20.732 | VV | 47877  | 6531856 | 58.44% | 2.024% |

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|                         | rt     | Area   | Height | Area% | Height%   | Area%   | Height% |
|-------------------------|--------|--------|--------|-------|-----------|---------|---------|
| 317                     | 20.769 | 20.732 | 20.806 | VV    | 39220     | 1653544 | 14.80%  |
| 318                     | 20.831 | 20.806 | 20.891 | VV    | 38605     | 1882503 | 16.84%  |
| 319                     | 20.933 | 20.891 | 20.990 | VV    | 228651    | 5406994 | 48.38%  |
| 320                     | 21.002 | 20.990 | 21.055 | VV    | 32983     | 1247639 | 11.16%  |
| 321                     | 21.085 | 21.055 | 21.098 | VV    | 33704     | 850851  | 7.61%   |
| 322                     | 21.130 | 21.098 | 21.166 | VV    | 34923     | 1363848 | 12.20%  |
| 323                     | 21.177 | 21.166 | 21.241 | VV    | 32212     | 1367686 | 12.24%  |
| 324                     | 21.247 | 21.241 | 21.332 | VV    | 29574     | 1483605 | 13.27%  |
| 325                     | 21.373 | 21.332 | 21.414 | VV    | 30796     | 1367512 | 12.24%  |
| 326                     | 21.426 | 21.414 | 21.431 | VV    | 27669     | 274540  | 2.46%   |
| 327                     | 21.471 | 21.431 | 21.547 | VV    | 28763     | 1921459 | 17.19%  |
| 328                     | 21.558 | 21.547 | 21.598 | VV    | 26244     | 773418  | 6.92%   |
| 329                     | 21.611 | 21.598 | 21.685 | VV    | 25564     | 1206011 | 10.79%  |
| 330                     | 21.690 | 21.685 | 21.745 | VV    | 22754     | 749210  | 6.70%   |
| 331                     | 21.783 | 21.745 | 21.808 | VV    | 21923     | 792262  | 7.09%   |
| 332                     | 21.878 | 21.808 | 21.931 | VBA   | 173599    | 5164938 | 46.21%  |
| Sum of corrected areas: |        |        |        |       | 322746070 |         |         |

Instrument :  
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Manual Integrations  
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