

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102219AL\  
 Data File : FD031189.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Oct 2019 1:52  
 Sample : K5146-13  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101419.M  
 Title : GC Extractables

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         | 3.379       | 3.362        | 3.392      | VV       | 414            | 3722         | 0.05%          | 0.002%        |
| 2         | 3.400       | 3.392        | 3.420      | VV       | 328            | 2911         | 0.04%          | 0.001%        |
| 3         | 3.456       | 3.420        | 3.481      | PV       | 352            | 5625         | 0.07%          | 0.003%        |
| 4         | 3.492       | 3.481        | 3.503      | VV       | 127            | 1200         | 0.01%          | 0.001%        |
| 5         | 3.518       | 3.503        | 3.546      | VV       | 687            | 8500         | 0.10%          | 0.004%        |
| 6         | 3.580       | 3.546        | 3.601      | VV       | 321            | 6527         | 0.08%          | 0.003%        |
| 7         | 3.625       | 3.601        | 3.668      | VV       | 1053           | 12831        | 0.16%          | 0.006%        |
| 8         | 3.697       | 3.668        | 3.720      | VV       | 326            | 5792         | 0.07%          | 0.003%        |
| 9         | 3.750       | 3.720        | 3.773      | VV       | 223            | 4665         | 0.06%          | 0.002%        |
| 10        | 3.790       | 3.773        | 3.810      | VV       | 498            | 4461         | 0.05%          | 0.002%        |
| 11        | 3.838       | 3.810        | 3.885      | PV       | 521            | 9745         | 0.12%          | 0.005%        |
| 12        | 3.918       | 3.885        | 3.931      | VV       | 688            | 8395         | 0.10%          | 0.004%        |
| 13        | 3.946       | 3.931        | 3.965      | VV       | 978            | 11516        | 0.14%          | 0.006%        |
| 14        | 3.977       | 3.965        | 3.990      | VV       | 479            | 6188         | 0.07%          | 0.003%        |
| 15        | 4.011       | 3.990        | 4.041      | VV       | 833            | 11659        | 0.14%          | 0.006%        |
| 16        | 4.054       | 4.041        | 4.070      | VV       | 215            | 2800         | 0.03%          | 0.001%        |
| 17        | 4.095       | 4.070        | 4.107      | VV       | 356            | 5133         | 0.06%          | 0.003%        |
| 18        | 4.121       | 4.107        | 4.148      | VV       | 393            | 6109         | 0.07%          | 0.003%        |
| 19        | 4.155       | 4.148        | 4.208      | VV       | 282            | 6807         | 0.08%          | 0.003%        |
| 20        | 4.227       | 4.208        | 4.252      | VV       | 282            | 5053         | 0.06%          | 0.003%        |
| 21        | 4.269       | 4.252        | 4.288      | VV       | 242            | 3740         | 0.05%          | 0.002%        |
| 22        | 4.316       | 4.288        | 4.371      | VV       | 2456           | 29921        | 0.36%          | 0.015%        |
| 23        | 4.381       | 4.371        | 4.395      | VV       | 253            | 2716         | 0.03%          | 0.001%        |
| 24        | 4.411       | 4.395        | 4.444      | VV       | 943            | 10681        | 0.13%          | 0.005%        |
| 25        | 4.467       | 4.444        | 4.496      | VV       | 741            | 11051        | 0.13%          | 0.005%        |
| 26        | 4.509       | 4.496        | 4.527      | VV       | 305            | 4597         | 0.06%          | 0.002%        |
| 27        | 4.538       | 4.527        | 4.550      | VV       | 263            | 3198         | 0.04%          | 0.002%        |
| 28        | 4.566       | 4.550        | 4.585      | VV       | 799            | 8156         | 0.10%          | 0.004%        |
| 29        | 4.593       | 4.585        | 4.635      | VV       | 359            | 5846         | 0.07%          | 0.003%        |
| 30        | 4.641       | 4.635        | 4.655      | VV       | 225            | 1944         | 0.02%          | 0.001%        |
| 31        | 4.688       | 4.655        | 4.701      | VV       | 215            | 3923         | 0.05%          | 0.002%        |
| 32        | 4.713       | 4.701        | 4.748      | VV       | 257            | 5090         | 0.06%          | 0.003%        |
| 33        | 4.779       | 4.768        | 4.821      | VV       | 214            | 4111         | 0.05%          | 0.002%        |
| 34        | 4.839       | 4.821        | 4.855      | VV       | 160            | 2768         | 0.03%          | 0.001%        |
| 35        | 4.867       | 4.855        | 4.884      | VV       | 187            | 1952         | 0.02%          | 0.001%        |
| 36        | 4.911       | 4.884        | 4.924      | PV       | 299            | 4398         | 0.05%          | 0.002%        |

|    |       |       |       |    | rt   | er    |       |        |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 37 | 4.942 | 4.924 | 4.974 | VV | 934  | 12082 | 0.15% | 0.006% |
| 38 | 4.997 | 4.974 | 5.017 | VV | 465  | 6678  | 0.08% | 0.003% |
| 39 | 5.030 | 5.017 | 5.033 | VV | 155  | 1055  | 0.01% | 0.001% |
| 40 | 5.049 | 5.033 | 5.081 | VV | 254  | 4136  | 0.05% | 0.002% |
| 41 | 5.133 | 5.111 | 5.161 | PV | 299  | 4264  | 0.05% | 0.002% |
| 42 | 5.178 | 5.161 | 5.214 | VV | 207  | 5014  | 0.06% | 0.002% |
| 43 | 5.234 | 5.214 | 5.246 | VV | 244  | 2797  | 0.03% | 0.001% |
| 44 | 5.251 | 5.246 | 5.264 | VV | 140  | 1096  | 0.01% | 0.001% |
| 45 | 5.293 | 5.264 | 5.328 | VV | 128  | 3961  | 0.05% | 0.002% |
| 46 | 5.346 | 5.328 | 5.356 | VV | 528  | 5642  | 0.07% | 0.003% |
| 47 | 5.363 | 5.356 | 5.372 | VV | 470  | 3919  | 0.05% | 0.002% |
| 48 | 5.383 | 5.372 | 5.405 | VV | 661  | 6860  | 0.08% | 0.003% |
| 49 | 5.438 | 5.405 | 5.493 | VV | 279  | 7390  | 0.09% | 0.004% |
| 50 | 5.521 | 5.493 | 5.570 | VV | 381  | 8031  | 0.10% | 0.004% |
| 51 | 5.599 | 5.570 | 5.607 | VV | 144  | 2220  | 0.03% | 0.001% |
| 52 | 5.623 | 5.607 | 5.665 | VV | 309  | 5644  | 0.07% | 0.003% |
| 53 | 5.677 | 5.665 | 5.695 | VV | 149  | 2063  | 0.02% | 0.001% |
| 54 | 5.715 | 5.695 | 5.767 | VV | 151  | 4329  | 0.05% | 0.002% |
| 55 | 5.794 | 5.767 | 5.825 | PV | 174  | 2917  | 0.04% | 0.001% |
| 56 | 5.845 | 5.825 | 5.857 | VV | 223  | 2843  | 0.03% | 0.001% |
| 57 | 5.902 | 5.857 | 5.922 | VV | 462  | 10816 | 0.13% | 0.005% |
| 58 | 5.930 | 5.922 | 5.966 | VV | 386  | 6638  | 0.08% | 0.003% |
| 59 | 5.980 | 5.966 | 5.995 | VV | 267  | 3089  | 0.04% | 0.002% |
| 60 | 6.039 | 5.995 | 6.091 | VV | 1611 | 24258 | 0.29% | 0.012% |
| 61 | 6.105 | 6.091 | 6.138 | VV | 240  | 4314  | 0.05% | 0.002% |
| 62 | 6.158 | 6.138 | 6.173 | VV | 189  | 3326  | 0.04% | 0.002% |
| 63 | 6.201 | 6.173 | 6.228 | VV | 236  | 5476  | 0.07% | 0.003% |
| 64 | 6.254 | 6.228 | 6.287 | VV | 264  | 6076  | 0.07% | 0.003% |
| 65 | 6.321 | 6.287 | 6.376 | VV | 701  | 12126 | 0.15% | 0.006% |
| 66 | 6.408 | 6.376 | 6.421 | VV | 122  | 2432  | 0.03% | 0.001% |
| 67 | 6.466 | 6.421 | 6.492 | VV | 359  | 7048  | 0.09% | 0.003% |
| 68 | 6.508 | 6.492 | 6.528 | VV | 192  | 2787  | 0.03% | 0.001% |
| 69 | 6.537 | 6.528 | 6.551 | VV | 172  | 1338  | 0.02% | 0.001% |
| 70 | 6.565 | 6.551 | 6.578 | PV | 133  | 1446  | 0.02% | 0.001% |
| 71 | 6.595 | 6.578 | 6.619 | VV | 293  | 3758  | 0.05% | 0.002% |
| 72 | 6.642 | 6.619 | 6.686 | VV | 166  | 3603  | 0.04% | 0.002% |
| 73 | 6.717 | 6.686 | 6.747 | VV | 562  | 7037  | 0.09% | 0.003% |
| 74 | 6.758 | 6.747 | 6.768 | VV | 151  | 1491  | 0.02% | 0.001% |
| 75 | 6.812 | 6.768 | 6.820 | VV | 303  | 5638  | 0.07% | 0.003% |
| 76 | 6.835 | 6.820 | 6.858 | VV | 374  | 5377  | 0.07% | 0.003% |
| 77 | 6.875 | 6.858 | 6.900 | VV | 420  | 6096  | 0.07% | 0.003% |
| 78 | 6.943 | 6.900 | 6.961 | VV | 552  | 10475 | 0.13% | 0.005% |
| 79 | 6.976 | 6.961 | 6.998 | VV | 523  | 7847  | 0.10% | 0.004% |
| 80 | 7.016 | 6.998 | 7.059 | VV | 566  | 11049 | 0.13% | 0.005% |
| 81 | 7.079 | 7.059 | 7.106 | VV | 391  | 7159  | 0.09% | 0.004% |
| 82 | 7.115 | 7.106 | 7.130 | VV | 259  | 2802  | 0.03% | 0.001% |
| 83 | 7.141 | 7.130 | 7.162 | VV | 215  | 2620  | 0.03% | 0.001% |
| 84 | 7.237 | 7.162 | 7.262 | VV | 1337 | 24936 | 0.30% | 0.012% |
| 85 | 7.278 | 7.262 | 7.289 | VV | 251  | 2968  | 0.04% | 0.001% |
| 86 | 7.301 | 7.289 | 7.382 | VV | 220  | 5818  | 0.07% | 0.003% |
| 87 | 7.410 | 7.382 | 7.448 | PV | 452  | 8111  | 0.10% | 0.004% |
| 88 | 7.464 | 7.448 | 7.479 | VV | 168  | 2464  | 0.03% | 0.001% |
| 89 | 7.502 | 7.479 | 7.511 | PV | 197  | 2408  | 0.03% | 0.001% |

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|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.651  | 7.633  | 7.730  | VV | 2326   | 82116  | 0.99% | 0.041% |
| 91  | 7.750  | 7.730  | 7.778  | VV | 852    | 19848  | 0.24% | 0.010% |
| 92  | 7.798  | 7.778  | 7.815  | VV | 769    | 13424  | 0.16% | 0.007% |
| 93  | 7.837  | 7.815  | 7.848  | VV | 942    | 13604  | 0.16% | 0.007% |
| 94  | 7.857  | 7.848  | 7.901  | VV | 865    | 14784  | 0.18% | 0.007% |
| 95  | 7.924  | 7.901  | 7.960  | VV | 857    | 17619  | 0.21% | 0.009% |
| 96  | 7.979  | 7.960  | 7.998  | VV | 417    | 8485   | 0.10% | 0.004% |
| 97  | 8.031  | 7.998  | 8.051  | VV | 797    | 18636  | 0.23% | 0.009% |
| 98  | 8.068  | 8.051  | 8.085  | VV | 824    | 13944  | 0.17% | 0.007% |
| 99  | 8.103  | 8.085  | 8.135  | VV | 2007   | 31646  | 0.38% | 0.016% |
| 100 | 8.165  | 8.135  | 8.248  | VV | 13783  | 197930 | 2.40% | 0.098% |
| 101 | 8.259  | 8.248  | 8.275  | VV | 665    | 8407   | 0.10% | 0.004% |
| 102 | 8.289  | 8.275  | 8.302  | VV | 484    | 6522   | 0.08% | 0.003% |
| 103 | 8.634  | 8.604  | 8.677  | VV | 1556   | 44646  | 0.54% | 0.022% |
| 104 | 8.689  | 8.677  | 8.703  | VV | 685    | 9257   | 0.11% | 0.005% |
| 105 | 8.713  | 8.703  | 8.726  | VV | 657    | 7995   | 0.10% | 0.004% |
| 106 | 8.747  | 8.726  | 8.767  | VV | 868    | 16605  | 0.20% | 0.008% |
| 107 | 8.780  | 8.767  | 8.800  | VV | 699    | 11906  | 0.14% | 0.006% |
| 108 | 8.820  | 8.800  | 8.829  | VV | 726    | 10815  | 0.13% | 0.005% |
| 109 | 8.849  | 8.829  | 8.881  | VV | 740    | 19865  | 0.24% | 0.010% |
| 110 | 8.919  | 8.881  | 8.944  | VV | 2586   | 41900  | 0.51% | 0.021% |
| 111 | 8.958  | 8.944  | 8.987  | VV | 854    | 15101  | 0.18% | 0.007% |
| 112 | 9.003  | 8.987  | 9.030  | VV | 546    | 10413  | 0.13% | 0.005% |
| 113 | 9.066  | 9.030  | 9.086  | VV | 631    | 12758  | 0.15% | 0.006% |
| 114 | 9.106  | 9.086  | 9.128  | VV | 831    | 11955  | 0.14% | 0.006% |
| 115 | 9.146  | 9.128  | 9.166  | PV | 423    | 5753   | 0.07% | 0.003% |
| 116 | 9.203  | 9.166  | 9.233  | VV | 655    | 15625  | 0.19% | 0.008% |
| 117 | 9.249  | 9.233  | 9.259  | VV | 459    | 4942   | 0.06% | 0.002% |
| 118 | 9.297  | 9.259  | 9.344  | VV | 1172   | 32471  | 0.39% | 0.016% |
| 119 | 9.366  | 9.344  | 9.406  | VV | 970    | 22244  | 0.27% | 0.011% |
| 120 | 9.423  | 9.406  | 9.457  | VV | 667    | 13218  | 0.16% | 0.007% |
| 121 | 9.473  | 9.457  | 9.507  | VV | 703    | 13706  | 0.17% | 0.007% |
| 122 | 9.524  | 9.507  | 9.546  | VV | 444    | 7791   | 0.09% | 0.004% |
| 123 | 9.558  | 9.546  | 9.575  | VV | 294    | 4162   | 0.05% | 0.002% |
| 124 | 9.579  | 9.575  | 9.595  | VV | 244    | 2348   | 0.03% | 0.001% |
| 125 | 9.642  | 9.595  | 9.675  | VV | 712    | 22619  | 0.27% | 0.011% |
| 126 | 9.694  | 9.675  | 9.744  | VV | 3277   | 44419  | 0.54% | 0.022% |
| 127 | 9.770  | 9.744  | 9.781  | VV | 317    | 5571   | 0.07% | 0.003% |
| 128 | 9.795  | 9.781  | 9.835  | VV | 346    | 5975   | 0.07% | 0.003% |
| 129 | 9.865  | 9.835  | 9.910  | VV | 278    | 6896   | 0.08% | 0.003% |
| 130 | 9.925  | 9.910  | 9.944  | VV | 114    | 1329   | 0.02% | 0.001% |
| 131 | 9.964  | 9.944  | 9.987  | VV | 188    | 2575   | 0.03% | 0.001% |
| 132 | 10.037 | 9.987  | 10.055 | PV | 615    | 12434  | 0.15% | 0.006% |
| 133 | 10.079 | 10.055 | 10.106 | VV | 1780   | 28246  | 0.34% | 0.014% |
| 134 | 10.131 | 10.106 | 10.143 | VV | 667    | 10186  | 0.12% | 0.005% |
| 135 | 10.165 | 10.143 | 10.186 | VV | 880    | 15347  | 0.19% | 0.008% |
| 136 | 10.222 | 10.186 | 10.251 | VV | 802    | 17858  | 0.22% | 0.009% |
| 137 | 10.278 | 10.251 | 10.299 | VV | 398    | 7609   | 0.09% | 0.004% |
| 138 | 10.355 | 10.299 | 10.373 | VV | 525    | 17089  | 0.21% | 0.008% |
| 139 | 10.427 | 10.373 | 10.465 | VV | 3549   | 55451  | 0.67% | 0.027% |
| 140 | 10.498 | 10.465 | 10.537 | VV | 2290   | 41171  | 0.50% | 0.020% |
| 141 | 10.548 | 10.537 | 10.593 | VV | 517    | 8842   | 0.11% | 0.004% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.686 | 10.593 | 10.726 | PV | 2681   | 54217   | 0.66%  | 0.027% |
| 143 | 10.766 | 10.726 | 10.788 | VV | 1089   | 25826   | 0.31%  | 0.013% |
| 144 | 10.815 | 10.788 | 10.863 | VV | 858    | 22323   | 0.27%  | 0.011% |
| 145 | 10.879 | 10.863 | 10.912 | VV | 523    | 9067    | 0.11%  | 0.004% |
| 146 | 10.930 | 10.912 | 10.961 | VV | 421    | 5803    | 0.07%  | 0.003% |
| 147 | 10.987 | 10.961 | 11.008 | VV | 426    | 7539    | 0.09%  | 0.004% |
| 148 | 11.057 | 11.008 | 11.095 | VV | 691    | 20837   | 0.25%  | 0.010% |
| 149 | 11.125 | 11.095 | 11.185 | VV | 3508   | 52832   | 0.64%  | 0.026% |
| 150 | 11.215 | 11.185 | 11.248 | VV | 2407   | 40926   | 0.50%  | 0.020% |
| 151 | 11.279 | 11.248 | 11.296 | VV | 275    | 6145    | 0.07%  | 0.003% |
| 152 | 11.318 | 11.296 | 11.335 | PV | 424    | 6482    | 0.08%  | 0.003% |
| 153 | 11.344 | 11.335 | 11.352 | VV | 314    | 2599    | 0.03%  | 0.001% |
| 154 | 11.366 | 11.352 | 11.381 | VV | 275    | 4363    | 0.05%  | 0.002% |
| 155 | 11.440 | 11.381 | 11.499 | VV | 507944 | 5220972 | 63.25% | 2.584% |
| 156 | 11.515 | 11.499 | 11.541 | VV | 1717   | 32090   | 0.39%  | 0.016% |
| 157 | 11.592 | 11.541 | 11.612 | VV | 1504   | 47058   | 0.57%  | 0.023% |
| 158 | 11.623 | 11.612 | 11.643 | VV | 1146   | 16783   | 0.20%  | 0.008% |
| 159 | 11.662 | 11.643 | 11.698 | VV | 925    | 18800   | 0.23%  | 0.009% |
| 160 | 11.726 | 11.698 | 11.748 | VV | 388    | 5814    | 0.07%  | 0.003% |
| 161 | 11.790 | 11.748 | 11.851 | VV | 3531   | 60031   | 0.73%  | 0.030% |
| 162 | 11.879 | 11.851 | 11.943 | VV | 783    | 17172   | 0.21%  | 0.009% |
| 163 | 11.976 | 11.943 | 11.991 | PV | 438    | 6320    | 0.08%  | 0.003% |
| 164 | 12.014 | 11.991 | 12.037 | VV | 642    | 11265   | 0.14%  | 0.006% |
| 165 | 12.062 | 12.037 | 12.113 | VV | 462    | 13532   | 0.16%  | 0.007% |
| 166 | 12.150 | 12.113 | 12.186 | VV | 871    | 22656   | 0.27%  | 0.011% |
| 167 | 12.202 | 12.186 | 12.215 | VV | 566    | 7621    | 0.09%  | 0.004% |
| 168 | 12.262 | 12.215 | 12.306 | VV | 640    | 22361   | 0.27%  | 0.011% |
| 169 | 12.370 | 12.306 | 12.397 | PV | 1638   | 34946   | 0.42%  | 0.017% |
| 170 | 12.426 | 12.397 | 12.461 | VV | 4172   | 65218   | 0.79%  | 0.032% |
| 171 | 12.489 | 12.461 | 12.531 | VV | 6457   | 95167   | 1.15%  | 0.047% |
| 172 | 12.537 | 12.531 | 12.571 | VV | 681    | 10750   | 0.13%  | 0.005% |
| 173 | 12.587 | 12.571 | 12.597 | VV | 268    | 3543    | 0.04%  | 0.002% |
| 174 | 12.617 | 12.597 | 12.655 | VV | 324    | 8261    | 0.10%  | 0.004% |
| 175 | 12.678 | 12.655 | 12.697 | VV | 852    | 12622   | 0.15%  | 0.006% |
| 176 | 12.718 | 12.697 | 12.761 | VV | 552    | 13619   | 0.17%  | 0.007% |
| 177 | 12.784 | 12.761 | 12.832 | PV | 6673   | 101801  | 1.23%  | 0.050% |
| 178 | 12.871 | 12.832 | 12.942 | VV | 384436 | 4273737 | 51.78% | 2.115% |
| 179 | 12.966 | 12.942 | 12.988 | VV | 1082   | 20220   | 0.24%  | 0.010% |
| 180 | 12.997 | 12.988 | 13.008 | VV | 546    | 5128    | 0.06%  | 0.003% |
| 181 | 13.034 | 13.008 | 13.056 | VV | 4165   | 53597   | 0.65%  | 0.027% |
| 182 | 13.064 | 13.056 | 13.092 | VV | 1082   | 18363   | 0.22%  | 0.009% |
| 183 | 13.114 | 13.092 | 13.161 | VV | 1110   | 25688   | 0.31%  | 0.013% |
| 184 | 13.197 | 13.161 | 13.220 | VV | 643    | 13086   | 0.16%  | 0.006% |
| 185 | 13.251 | 13.220 | 13.274 | PV | 932    | 17856   | 0.22%  | 0.009% |
| 186 | 13.293 | 13.274 | 13.324 | VV | 656    | 13638   | 0.17%  | 0.007% |
| 187 | 13.375 | 13.324 | 13.395 | VV | 1291   | 26517   | 0.32%  | 0.013% |
| 188 | 13.410 | 13.395 | 13.426 | VV | 945    | 11308   | 0.14%  | 0.006% |
| 189 | 13.442 | 13.426 | 13.461 | VV | 995    | 16621   | 0.20%  | 0.008% |
| 190 | 13.479 | 13.461 | 13.503 | VV | 1781   | 26352   | 0.32%  | 0.013% |
| 191 | 13.524 | 13.503 | 13.541 | VV | 1095   | 19896   | 0.24%  | 0.010% |
| 192 | 13.566 | 13.541 | 13.591 | VV | 1567   | 29352   | 0.36%  | 0.015% |
| 193 | 13.615 | 13.591 | 13.670 | VV | 5160   | 96217   | 1.17%  | 0.048% |
| 194 | 13.689 | 13.670 | 13.708 | VV | 885    | 15241   | 0.18%  | 0.008% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 13.726 | 13.708 | 13.758 | VV | 772    | 15821  | 0.19%  | 0.008% |
| 196 | 13.768 | 13.758 | 13.790 | VV | 573    | 5730   | 0.07%  | 0.003% |
| 197 | 13.841 | 13.790 | 13.865 | PV | 1122   | 28886  | 0.35%  | 0.014% |
| 198 | 13.913 | 13.865 | 13.934 | VV | 711    | 19479  | 0.24%  | 0.010% |
| 199 | 13.976 | 13.934 | 13.985 | PV | 851    | 13384  | 0.16%  | 0.007% |
| 200 | 14.022 | 13.985 | 14.036 | VV | 1431   | 33243  | 0.40%  | 0.016% |
| 201 | 14.055 | 14.036 | 14.068 | VV | 1186   | 19150  | 0.23%  | 0.009% |
| 202 | 14.116 | 14.068 | 14.148 | VV | 1608   | 43827  | 0.53%  | 0.022% |
| 203 | 14.174 | 14.148 | 14.214 | PV | 5076   | 81410  | 0.99%  | 0.040% |
| 204 | 14.236 | 14.214 | 14.257 | VV | 1942   | 34249  | 0.41%  | 0.017% |
| 205 | 14.288 | 14.257 | 14.321 | VV | 1365   | 33312  | 0.40%  | 0.016% |
| 206 | 14.341 | 14.321 | 14.358 | VV | 1104   | 13601  | 0.16%  | 0.007% |
| 207 | 14.422 | 14.358 | 14.440 | PV | 1010   | 27501  | 0.33%  | 0.014% |
| 208 | 14.460 | 14.440 | 14.481 | VV | 1219   | 15797  | 0.19%  | 0.008% |
| 209 | 14.519 | 14.481 | 14.535 | PV | 321    | 7218   | 0.09%  | 0.004% |
| 210 | 14.564 | 14.535 | 14.580 | VV | 895    | 14047  | 0.17%  | 0.007% |
| 211 | 14.656 | 14.580 | 14.674 | VV | 2206   | 48514  | 0.59%  | 0.024% |
| 212 | 14.709 | 14.674 | 14.756 | VV | 7100   | 122076 | 1.48%  | 0.060% |
| 213 | 14.789 | 14.756 | 14.821 | VV | 1184   | 28563  | 0.35%  | 0.014% |
| 214 | 14.848 | 14.821 | 14.881 | VV | 1076   | 26150  | 0.32%  | 0.013% |
| 215 | 14.907 | 14.881 | 14.921 | VV | 623    | 9499   | 0.12%  | 0.005% |
| 216 | 14.965 | 14.921 | 14.991 | PV | 1106   | 21355  | 0.26%  | 0.011% |
| 217 | 15.022 | 14.991 | 15.059 | VV | 933    | 23385  | 0.28%  | 0.012% |
| 218 | 15.090 | 15.059 | 15.151 | PV | 8859   | 187512 | 2.27%  | 0.093% |
| 219 | 15.157 | 15.151 | 15.181 | VV | 1071   | 13417  | 0.16%  | 0.007% |
| 220 | 15.227 | 15.181 | 15.258 | VV | 8866   | 136725 | 1.66%  | 0.068% |
| 221 | 15.322 | 15.258 | 15.340 | VV | 2592   | 73756  | 0.89%  | 0.037% |
| 222 | 15.357 | 15.340 | 15.388 | VV | 2384   | 43190  | 0.52%  | 0.021% |
| 223 | 15.439 | 15.388 | 15.450 | VV | 1905   | 43336  | 0.53%  | 0.021% |
| 224 | 15.484 | 15.450 | 15.507 | VV | 3059   | 71424  | 0.87%  | 0.035% |
| 225 | 15.547 | 15.507 | 15.563 | VV | 2344   | 68849  | 0.83%  | 0.034% |
| 226 | 15.620 | 15.563 | 15.638 | VV | 3124   | 108497 | 1.31%  | 0.054% |
| 227 | 15.672 | 15.638 | 15.681 | VV | 2706   | 70329  | 0.85%  | 0.035% |
| 228 | 15.725 | 15.681 | 15.798 | VV | 12453  | 337815 | 4.09%  | 0.167% |
| 229 | 15.824 | 15.798 | 15.835 | VV | 3332   | 66461  | 0.81%  | 0.033% |
| 230 | 15.857 | 15.835 | 15.874 | VV | 3314   | 65818  | 0.80%  | 0.033% |
| 231 | 15.909 | 15.874 | 15.941 | VV | 5385   | 162052 | 1.96%  | 0.080% |
| 232 | 16.014 | 15.941 | 16.049 | VV | 6227   | 294280 | 3.57%  | 0.146% |
| 233 | 16.106 | 16.049 | 16.145 | VV | 6733   | 303280 | 3.67%  | 0.150% |
| 234 | 16.164 | 16.145 | 16.174 | VV | 5131   | 80983  | 0.98%  | 0.040% |
| 235 | 16.205 | 16.174 | 16.245 | VV | 20642  | 428781 | 5.19%  | 0.212% |
| 236 | 16.251 | 16.245 | 16.261 | VV | 6626   | 63444  | 0.77%  | 0.031% |
| 237 | 16.297 | 16.261 | 16.310 | VV | 7940   | 209381 | 2.54%  | 0.104% |
| 238 | 16.335 | 16.310 | 16.357 | VV | 10258  | 250922 | 3.04%  | 0.124% |
| 239 | 16.411 | 16.357 | 16.441 | VV | 9735   | 443353 | 5.37%  | 0.219% |
| 240 | 16.526 | 16.441 | 16.568 | VV | 12011  | 756444 | 9.16%  | 0.374% |
| 241 | 16.584 | 16.568 | 16.606 | VV | 11713  | 243216 | 2.95%  | 0.120% |
| 242 | 16.670 | 16.606 | 16.701 | VV | 23373  | 841423 | 10.19% | 0.416% |
| 243 | 16.717 | 16.701 | 16.745 | VV | 15576  | 360835 | 4.37%  | 0.179% |
| 244 | 16.754 | 16.745 | 16.775 | VV | 12965  | 224770 | 2.72%  | 0.111% |
| 245 | 16.782 | 16.775 | 16.791 | VV | 12569  | 123073 | 1.49%  | 0.061% |
| 246 | 16.836 | 16.791 | 16.845 | VV | 15014  | 435739 | 5.28%  | 0.216% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.903 | 16.845 | 16.924 | VV | 17915  | 755584  | 9.15%  | 0.374% |
| 248    | 16.977 | 16.924 | 16.997 | VV | 18591  | 738061  | 8.94%  | 0.365% |
| 249    | 17.074 | 16.997 | 17.092 | VV | 21954  | 1092229 | 13.23% | 0.541% |
| 250    | 17.116 | 17.092 | 17.163 | VV | 30845  | 956419  | 11.59% | 0.473% |
|        |        |        |        |    |        |         |        |        |
| 251    | 17.182 | 17.163 | 17.198 | VV | 20205  | 403268  | 4.89%  | 0.200% |
| 252    | 17.223 | 17.198 | 17.259 | VV | 22614  | 754387  | 9.14%  | 0.373% |
| 253    | 17.288 | 17.259 | 17.333 | VV | 23518  | 931444  | 11.28% | 0.461% |
| 254    | 17.400 | 17.333 | 17.413 | VV | 21838  | 1000525 | 12.12% | 0.495% |
| 255    | 17.452 | 17.413 | 17.500 | VV | 25377  | 1237880 | 15.00% | 0.613% |
|        |        |        |        |    |        |         |        |        |
| 256    | 17.549 | 17.500 | 17.575 | VV | 42729  | 1374274 | 16.65% | 0.680% |
| 257    | 17.592 | 17.575 | 17.618 | VV | 27274  | 668832  | 8.10%  | 0.331% |
| 258    | 17.688 | 17.618 | 17.765 | VV | 44110  | 2748222 | 33.30% | 1.360% |
| 259    | 17.793 | 17.765 | 17.805 | VV | 30280  | 704137  | 8.53%  | 0.349% |
| 260    | 17.826 | 17.805 | 17.842 | VV | 31760  | 696641  | 8.44%  | 0.345% |
|        |        |        |        |    |        |         |        |        |
| 261    | 17.865 | 17.842 | 17.875 | VV | 33556  | 629175  | 7.62%  | 0.311% |
| 262    | 17.914 | 17.875 | 17.941 | VV | 36478  | 1400089 | 16.96% | 0.693% |
| 263    | 17.968 | 17.941 | 17.993 | VV | 45128  | 1188507 | 14.40% | 0.588% |
| 264    | 18.006 | 17.993 | 18.014 | VV | 34158  | 416251  | 5.04%  | 0.206% |
| 265    | 18.053 | 18.014 | 18.100 | VV | 47196  | 1959498 | 23.74% | 0.970% |
|        |        |        |        |    |        |         |        |        |
| 266    | 18.112 | 18.100 | 18.148 | VV | 36449  | 1032545 | 12.51% | 0.511% |
| 267    | 18.174 | 18.148 | 18.187 | VV | 36717  | 846972  | 10.26% | 0.419% |
| 268    | 18.211 | 18.187 | 18.225 | VV | 38893  | 847683  | 10.27% | 0.420% |
| 269    | 18.232 | 18.225 | 18.248 | VV | 38362  | 531182  | 6.44%  | 0.263% |
| 270    | 18.285 | 18.248 | 18.305 | VV | 39603  | 1324411 | 16.05% | 0.656% |
|        |        |        |        |    |        |         |        |        |
| 271    | 18.375 | 18.305 | 18.411 | VV | 54823  | 2840275 | 34.41% | 1.406% |
| 272    | 18.473 | 18.411 | 18.497 | VV | 55283  | 2386052 | 28.91% | 1.181% |
| 273    | 18.522 | 18.497 | 18.581 | VV | 55053  | 2444924 | 29.62% | 1.210% |
| 274    | 18.649 | 18.581 | 18.669 | VV | 49838  | 2500914 | 30.30% | 1.238% |
| 275    | 18.679 | 18.669 | 18.685 | VV | 49102  | 476974  | 5.78%  | 0.236% |
|        |        |        |        |    |        |         |        |        |
| 276    | 18.729 | 18.685 | 18.744 | VV | 55240  | 1821483 | 22.07% | 0.902% |
| 277    | 18.772 | 18.744 | 18.789 | VV | 59926  | 1514613 | 18.35% | 0.750% |
| 278    | 18.801 | 18.789 | 18.827 | VV | 58346  | 1265456 | 15.33% | 0.626% |
| 279    | 18.869 | 18.827 | 18.881 | VV | 57675  | 1790474 | 21.69% | 0.886% |
| 280    | 18.896 | 18.881 | 18.904 | VV | 56825  | 774804  | 9.39%  | 0.384% |
|        |        |        |        |    |        |         |        |        |
| 281    | 18.915 | 18.904 | 18.932 | VV | 57103  | 947140  | 11.47% | 0.469% |
| 282    | 18.974 | 18.932 | 18.991 | VV | 60093  | 2030927 | 24.61% | 1.005% |
| 283    | 19.061 | 18.991 | 19.075 | VV | 60831  | 3015291 | 36.53% | 1.493% |
| 284    | 19.087 | 19.075 | 19.103 | VV | 62305  | 1048207 | 12.70% | 0.519% |
| 285    | 19.155 | 19.103 | 19.171 | VV | 72126  | 2643718 | 32.03% | 1.309% |
|        |        |        |        |    |        |         |        |        |
| 286    | 19.184 | 19.171 | 19.201 | VV | 70663  | 1241896 | 15.05% | 0.615% |
| 287    | 19.215 | 19.201 | 19.228 | VV | 66101  | 1041491 | 12.62% | 0.516% |
| 288    | 19.276 | 19.228 | 19.295 | VV | 72817  | 2797936 | 33.90% | 1.385% |
| 289    | 19.305 | 19.295 | 19.313 | VV | 69887  | 750662  | 9.09%  | 0.372% |
| 290    | 19.435 | 19.313 | 19.458 | VV | 75135  | 6290396 | 76.21% | 3.114% |
|        |        |        |        |    |        |         |        |        |
| 291    | 19.525 | 19.458 | 19.544 | VV | 85276  | 4132722 | 50.07% | 2.046% |
| 292    | 19.572 | 19.544 | 19.609 | VV | 85892  | 3227414 | 39.10% | 1.598% |
| 293    | 19.686 | 19.609 | 19.711 | VV | 89885  | 5286607 | 64.05% | 2.617% |
| 294    | 19.792 | 19.711 | 19.838 | VV | 91796  | 6667562 | 80.78% | 3.300% |
| 295    | 19.849 | 19.838 | 19.858 | VV | 88136  | 1077812 | 13.06% | 0.534% |
|        |        |        |        |    |        |         |        |        |
| 296    | 19.890 | 19.858 | 19.905 | VV | 97429  | 2610608 | 31.63% | 1.292% |
| 297    | 19.957 | 19.905 | 19.969 | VV | 100435 | 3702066 | 44.85% | 1.832% |
| 298    | 20.049 | 19.969 | 20.065 | VV | 110953 | 5964072 | 72.26% | 2.952% |
| 299    | 20.089 | 20.065 | 20.142 | VV | 109200 | 4931012 | 59.74% | 2.441% |

|     |        |        |        |     |        |                         |           |        |
|-----|--------|--------|--------|-----|--------|-------------------------|-----------|--------|
|     |        |        |        |     |        | rters                   |           |        |
| 300 | 20.156 | 20.142 | 20.181 | VV  | 105861 | 2428458                 | 29.42%    | 1.202% |
| 301 | 20.239 | 20.181 | 20.271 | VV  | 110593 | 5691455                 | 68.95%    | 2.817% |
| 302 | 20.366 | 20.271 | 20.373 | VV  | 119242 | 7011274                 | 84.94%    | 3.471% |
| 303 | 20.391 | 20.373 | 20.412 | VV  | 119664 | 2753100                 | 33.35%    | 1.363% |
| 304 | 20.422 | 20.412 | 20.534 | VV  | 119261 | 8254054                 | 100.00%   | 4.086% |
| 305 | 20.594 | 20.534 | 20.625 | VV  | 112103 | 5873858                 | 71.16%    | 2.908% |
| 306 | 20.633 | 20.625 | 20.732 | VV  | 109257 | 6692200                 | 81.08%    | 3.313% |
| 307 | 20.744 | 20.732 | 20.758 | VV  | 100561 | 1573332                 | 19.06%    | 0.779% |
| 308 | 20.782 | 20.758 | 20.804 | VV  | 100811 | 2807988                 | 34.02%    | 1.390% |
| 309 | 20.874 | 20.804 | 20.895 | VV  | 104930 | 5581445                 | 67.62%    | 2.763% |
| 310 | 20.902 | 20.895 | 20.915 | VV  | 104712 | 1271554                 | 15.41%    | 0.629% |
| 311 | 20.926 | 20.915 | 20.947 | VV  | 104298 | 1980643                 | 24.00%    | 0.980% |
| 312 | 20.982 | 20.947 | 21.060 | VV  | 106803 | 6781718                 | 82.16%    | 3.357% |
| 313 | 21.069 | 21.060 | 21.151 | VV  | 91657  | 4861491                 | 58.90%    | 2.406% |
| 314 | 21.199 | 21.151 | 21.210 | VV  | 89303  | 3117439                 | 37.77%    | 1.543% |
| 315 | 21.225 | 21.210 | 21.246 | VV  | 89732  | 1880142                 | 22.78%    | 0.931% |
| 316 | 21.268 | 21.246 | 21.386 | VV  | 91899  | 7453355                 | 90.30%    | 3.689% |
| 317 | 21.424 | 21.386 | 21.481 | VBA | 86779  | 4936676                 | 59.81%    | 2.444% |
|     |        |        |        |     |        | Sum of corrected areas: | 202022952 |        |

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