

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062725AL\

Data File : FC069318.D

Signal(s) : FID1A.ch

Acq On : 27 Jun 2025 13:13

Sample : Q2423-01DL 10X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061825.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         | 3.251       | 3.204        | 3.281      | BV       | 722            | 9765         | 0.06%          | 0.002%        |
| 2         | 3.290       | 3.281        | 3.328      | VV       | 173            | 2814         | 0.02%          | 0.001%        |
| 3         | 3.340       | 3.328        | 3.357      | VV       | 121            | 1285         | 0.01%          | 0.000%        |
| 4         | 3.387       | 3.357        | 3.411      | VV       | 259            | 4180         | 0.03%          | 0.001%        |
| 5         | 3.422       | 3.411        | 3.451      | VV       | 120            | 1411         | 0.01%          | 0.000%        |
| 6         | 3.489       | 3.451        | 3.508      | PV       | 210            | 3246         | 0.02%          | 0.001%        |
| 7         | 3.515       | 3.508        | 3.523      | VV       | 146            | 993          | 0.01%          | 0.000%        |
| 8         | 3.557       | 3.523        | 3.621      | VV       | 4660           | 41653        | 0.26%          | 0.007%        |
| 9         | 3.635       | 3.621        | 3.667      | VV       | 121            | 1929         | 0.01%          | 0.000%        |
| 10        | 3.692       | 3.667        | 3.721      | VV       | 1773           | 19305        | 0.12%          | 0.003%        |
| 11        | 3.727       | 3.721        | 3.747      | VV       | 434            | 3743         | 0.02%          | 0.001%        |
| 12        | 3.765       | 3.747        | 3.775      | VV       | 395            | 4633         | 0.03%          | 0.001%        |
| 13        | 3.794       | 3.775        | 3.864      | VV       | 3649           | 34228        | 0.22%          | 0.006%        |
| 14        | 3.891       | 3.864        | 3.938      | VV       | 2373           | 22186        | 0.14%          | 0.004%        |
| 15        | 3.973       | 3.938        | 4.034      | VV       | 9998           | 86883        | 0.55%          | 0.016%        |
| 16        | 4.042       | 4.034        | 4.048      | VV       | 109            | 572          | 0.00%          | 0.000%        |
| 17        | 4.058       | 4.048        | 4.072      | VV       | 149            | 1442         | 0.01%          | 0.000%        |
| 18        | 4.107       | 4.072        | 4.142      | VV       | 139            | 3608         | 0.02%          | 0.001%        |
| 19        | 4.155       | 4.142        | 4.187      | VV       | 154            | 2439         | 0.02%          | 0.000%        |
| 20        | 4.235       | 4.187        | 4.254      | VV       | 913            | 13323        | 0.08%          | 0.002%        |
| 21        | 4.267       | 4.254        | 4.306      | VV       | 631            | 8074         | 0.05%          | 0.001%        |
| 22        | 4.353       | 4.306        | 4.388      | VV       | 400            | 8241         | 0.05%          | 0.001%        |
| 23        | 4.400       | 4.388        | 4.424      | VV       | 148            | 2382         | 0.01%          | 0.000%        |

|    |       |       |       |    |      |       |       |        |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 24 | 4.434 | 4.424 | 4.468 | VV | 149  | 2398  | 0.02% | 0.000% |
| 25 | 4.482 | 4.468 | 4.491 | VV | 191  | 2179  | 0.01% | 0.000% |
| 26 | 4.501 | 4.491 | 4.511 | VV | 133  | 1223  | 0.01% | 0.000% |
| 27 | 4.532 | 4.511 | 4.549 | VV | 158  | 2972  | 0.02% | 0.001% |
| 28 | 4.569 | 4.549 | 4.578 | VV | 154  | 2216  | 0.01% | 0.000% |
| 29 | 4.631 | 4.578 | 4.674 | VV | 297  | 10098 | 0.06% | 0.002% |
| 30 | 4.697 | 4.674 | 4.808 | VV | 448  | 16532 | 0.10% | 0.003% |
| 31 | 4.816 | 4.808 | 4.885 | VV | 206  | 5588  | 0.04% | 0.001% |
| 32 | 4.896 | 4.885 | 4.924 | PV | 176  | 1768  | 0.01% | 0.000% |
| 33 | 4.954 | 4.924 | 5.030 | VV | 148  | 5163  | 0.03% | 0.001% |
| 34 | 5.052 | 5.030 | 5.103 | VV | 171  | 4651  | 0.03% | 0.001% |
| 35 | 5.129 | 5.103 | 5.196 | VV | 518  | 15852 | 0.10% | 0.003% |
| 36 | 5.228 | 5.196 | 5.241 | VV | 297  | 5548  | 0.03% | 0.001% |
| 37 | 5.250 | 5.241 | 5.313 | VV | 146  | 4819  | 0.03% | 0.001% |
| 38 | 5.325 | 5.313 | 5.364 | VV | 220  | 3473  | 0.02% | 0.001% |
| 39 | 5.398 | 5.364 | 5.431 | VV | 187  | 4321  | 0.03% | 0.001% |
| 40 | 5.474 | 5.431 | 5.499 | PV | 168  | 3266  | 0.02% | 0.001% |
| 41 | 5.520 | 5.499 | 5.538 | VV | 425  | 4368  | 0.03% | 0.001% |
| 42 | 5.554 | 5.538 | 5.585 | VV | 339  | 5566  | 0.04% | 0.001% |
| 43 | 5.594 | 5.585 | 5.605 | VV | 225  | 1825  | 0.01% | 0.000% |
| 44 | 5.631 | 5.605 | 5.671 | VV | 205  | 4745  | 0.03% | 0.001% |
| 45 | 5.688 | 5.671 | 5.704 | VV | 324  | 4613  | 0.03% | 0.001% |
| 46 | 5.711 | 5.704 | 5.752 | VV | 307  | 4028  | 0.03% | 0.001% |
| 47 | 5.819 | 5.752 | 5.845 | VV | 294  | 8249  | 0.05% | 0.001% |
| 48 | 5.865 | 5.845 | 5.883 | VV | 201  | 2760  | 0.02% | 0.000% |
| 49 | 5.897 | 5.883 | 5.914 | VV | 233  | 2926  | 0.02% | 0.001% |
| 50 | 5.933 | 5.914 | 5.960 | VV | 204  | 3471  | 0.02% | 0.001% |
| 51 | 5.977 | 5.960 | 6.001 | PV | 211  | 2210  | 0.01% | 0.000% |
| 52 | 6.041 | 6.001 | 6.057 | PV | 319  | 6353  | 0.04% | 0.001% |
| 53 | 6.077 | 6.057 | 6.101 | VV | 1190 | 13390 | 0.08% | 0.002% |
| 54 | 6.120 | 6.101 | 6.147 | VV | 249  | 4340  | 0.03% | 0.001% |
| 55 | 6.164 | 6.147 | 6.191 | VV | 308  | 4033  | 0.03% | 0.001% |
| 56 | 6.221 | 6.191 | 6.242 | VV | 510  | 10626 | 0.07% | 0.002% |
| 57 | 6.265 | 6.242 | 6.278 | VV | 283  | 4300  | 0.03% | 0.001% |
| 58 | 6.297 | 6.278 | 6.332 | VV | 271  | 6840  | 0.04% | 0.001% |
| 59 | 6.344 | 6.332 | 6.370 | VV | 328  | 4208  | 0.03% | 0.001% |
| 60 | 6.390 | 6.370 | 6.403 | VV | 238  | 3003  | 0.02% | 0.001% |
| 61 | 6.444 | 6.403 | 6.464 | VV | 419  | 9463  | 0.06% | 0.002% |
| 62 | 6.468 | 6.464 | 6.477 | VV | 243  | 1547  | 0.01% | 0.000% |

|     |       |       |       |    |       |        |       |        |
|-----|-------|-------|-------|----|-------|--------|-------|--------|
| 63  | 6.503 | 6.477 | 6.544 | VV | 737   | 11290  | 0.07% | 0.002% |
| 64  | 6.563 | 6.544 | 6.586 | VV | 182   | 2326   | 0.01% | 0.000% |
| 65  | 6.607 | 6.586 | 6.631 | VV | 401   | 5391   | 0.03% | 0.001% |
| 66  | 6.654 | 6.631 | 6.677 | VV | 595   | 8135   | 0.05% | 0.001% |
| 67  | 6.705 | 6.677 | 6.751 | VV | 306   | 5738   | 0.04% | 0.001% |
| 68  | 6.779 | 6.751 | 6.805 | VV | 447   | 5968   | 0.04% | 0.001% |
| 69  | 6.839 | 6.805 | 6.861 | PV | 404   | 7940   | 0.05% | 0.001% |
| 70  | 6.911 | 6.861 | 6.934 | VV | 976   | 13737  | 0.09% | 0.002% |
| 71  | 6.977 | 6.934 | 6.991 | VV | 438   | 5231   | 0.03% | 0.001% |
| 72  | 7.019 | 6.991 | 7.048 | VV | 710   | 16668  | 0.10% | 0.003% |
| 73  | 7.068 | 7.048 | 7.090 | VV | 756   | 10709  | 0.07% | 0.002% |
| 74  | 7.109 | 7.090 | 7.117 | VV | 503   | 5570   | 0.04% | 0.001% |
| 75  | 7.136 | 7.117 | 7.154 | VV | 1289  | 17728  | 0.11% | 0.003% |
| 76  | 7.167 | 7.154 | 7.189 | VV | 713   | 9509   | 0.06% | 0.002% |
| 77  | 7.212 | 7.189 | 7.253 | VV | 835   | 15844  | 0.10% | 0.003% |
| 78  | 7.270 | 7.253 | 7.289 | VV | 995   | 10447  | 0.07% | 0.002% |
| 79  | 7.312 | 7.289 | 7.331 | VV | 534   | 8055   | 0.05% | 0.001% |
| 80  | 7.346 | 7.331 | 7.374 | VV | 413   | 6882   | 0.04% | 0.001% |
| 81  | 7.419 | 7.374 | 7.463 | PV | 1880  | 44307  | 0.28% | 0.008% |
| 82  | 7.478 | 7.463 | 7.494 | VV | 629   | 8073   | 0.05% | 0.001% |
| 83  | 7.524 | 7.494 | 7.537 | VV | 438   | 9849   | 0.06% | 0.002% |
| 84  | 7.554 | 7.537 | 7.577 | VV | 516   | 9556   | 0.06% | 0.002% |
| 85  | 7.610 | 7.577 | 7.621 | VV | 1483  | 24982  | 0.16% | 0.004% |
| 86  | 7.628 | 7.621 | 7.649 | VV | 1434  | 15797  | 0.10% | 0.003% |
| 87  | 7.659 | 7.649 | 7.677 | VV | 444   | 5521   | 0.03% | 0.001% |
| 88  | 7.699 | 7.677 | 7.710 | VV | 582   | 8902   | 0.06% | 0.002% |
| 89  | 7.746 | 7.710 | 7.806 | VV | 68041 | 694135 | 4.37% | 0.124% |
| 90  | 7.821 | 7.806 | 7.839 | VV | 942   | 14167  | 0.09% | 0.003% |
| 91  | 7.866 | 7.839 | 7.897 | VV | 1962  | 49360  | 0.31% | 0.009% |
| 92  | 7.912 | 7.897 | 7.934 | VV | 1854  | 29879  | 0.19% | 0.005% |
| 93  | 7.951 | 7.934 | 7.971 | VV | 1635  | 24624  | 0.15% | 0.004% |
| 94  | 8.002 | 7.971 | 8.028 | VV | 2035  | 51835  | 0.33% | 0.009% |
| 95  | 8.049 | 8.028 | 8.084 | VV | 3988  | 83998  | 0.53% | 0.015% |
| 96  | 8.123 | 8.084 | 8.142 | VV | 3927  | 84186  | 0.53% | 0.015% |
| 97  | 8.154 | 8.142 | 8.169 | VV | 2371  | 35067  | 0.22% | 0.006% |
| 98  | 8.196 | 8.169 | 8.212 | VV | 2778  | 62496  | 0.39% | 0.011% |
| 99  | 8.235 | 8.212 | 8.248 | VV | 3788  | 63723  | 0.40% | 0.011% |
| 100 | 8.262 | 8.248 | 8.275 | VV | 3369  | 46116  | 0.29% | 0.008% |
| 101 | 8.299 | 8.275 | 8.338 | VV | 4754  | 130732 | 0.82% | 0.023% |

|     |        |        |        |    |       |         |       |        |
|-----|--------|--------|--------|----|-------|---------|-------|--------|
| 102 | 8.350  | 8.338  | 8.363  | VV | 3072  | 40502   | 0.25% | 0.007% |
| 103 | 8.396  | 8.363  | 8.403  | VV | 3875  | 79264   | 0.50% | 0.014% |
| 104 | 8.414  | 8.403  | 8.431  | VV | 4088  | 60550   | 0.38% | 0.011% |
| 105 | 8.473  | 8.431  | 8.510  | VV | 9379  | 243238  | 1.53% | 0.043% |
| 106 | 8.530  | 8.510  | 8.548  | VV | 5960  | 104459  | 0.66% | 0.019% |
| 107 | 8.617  | 8.548  | 8.644  | VV | 43613 | 655764  | 4.13% | 0.117% |
| 108 | 8.668  | 8.644  | 8.685  | VV | 8936  | 159730  | 1.01% | 0.029% |
| 109 | 8.709  | 8.685  | 8.724  | VV | 9003  | 178356  | 1.12% | 0.032% |
| 110 | 8.740  | 8.724  | 8.753  | VV | 10420 | 157833  | 0.99% | 0.028% |
| 111 | 8.769  | 8.753  | 8.791  | VV | 13805 | 228206  | 1.44% | 0.041% |
| 112 | 8.809  | 8.791  | 8.817  | VV | 7999  | 116134  | 0.73% | 0.021% |
| 113 | 8.836  | 8.817  | 8.862  | VV | 14666 | 271720  | 1.71% | 0.049% |
| 114 | 8.884  | 8.862  | 8.900  | VV | 7327  | 156509  | 0.98% | 0.028% |
| 115 | 8.926  | 8.900  | 8.938  | VV | 8295  | 174940  | 1.10% | 0.031% |
| 116 | 8.963  | 8.938  | 8.976  | VV | 9317  | 202855  | 1.28% | 0.036% |
| 117 | 8.991  | 8.976  | 9.024  | VV | 10272 | 257990  | 1.62% | 0.046% |
| 118 | 9.055  | 9.024  | 9.088  | VV | 19132 | 455075  | 2.86% | 0.081% |
| 119 | 9.127  | 9.088  | 9.151  | VV | 11901 | 378398  | 2.38% | 0.068% |
| 120 | 9.173  | 9.151  | 9.189  | VV | 10854 | 231532  | 1.46% | 0.041% |
| 121 | 9.209  | 9.189  | 9.246  | VV | 12326 | 374469  | 2.36% | 0.067% |
| 122 | 9.284  | 9.246  | 9.302  | VV | 12432 | 370006  | 2.33% | 0.066% |
| 123 | 9.337  | 9.302  | 9.349  | VV | 13430 | 326327  | 2.05% | 0.058% |
| 124 | 9.365  | 9.349  | 9.379  | VV | 13462 | 229269  | 1.44% | 0.041% |
| 125 | 9.418  | 9.379  | 9.430  | VV | 15374 | 413578  | 2.60% | 0.074% |
| 126 | 9.447  | 9.430  | 9.470  | VV | 15881 | 342842  | 2.16% | 0.061% |
| 127 | 9.503  | 9.470  | 9.513  | VV | 20090 | 422908  | 2.66% | 0.076% |
| 128 | 9.528  | 9.513  | 9.561  | VV | 25293 | 535306  | 3.37% | 0.096% |
| 129 | 9.585  | 9.561  | 9.620  | VV | 21040 | 615722  | 3.87% | 0.110% |
| 130 | 9.631  | 9.620  | 9.644  | VV | 16448 | 235410  | 1.48% | 0.042% |
| 131 | 9.665  | 9.644  | 9.674  | VV | 17157 | 292247  | 1.84% | 0.052% |
| 132 | 9.689  | 9.674  | 9.714  | VV | 18820 | 417004  | 2.62% | 0.075% |
| 133 | 9.745  | 9.714  | 9.763  | VV | 17771 | 487398  | 3.07% | 0.087% |
| 134 | 9.778  | 9.763  | 9.804  | VV | 18405 | 436315  | 2.75% | 0.078% |
| 135 | 9.824  | 9.804  | 9.840  | VV | 19919 | 398768  | 2.51% | 0.071% |
| 136 | 9.877  | 9.840  | 9.896  | VV | 21107 | 664519  | 4.18% | 0.119% |
| 137 | 9.914  | 9.896  | 9.951  | VV | 22291 | 688197  | 4.33% | 0.123% |
| 138 | 10.017 | 9.951  | 10.055 | VV | 23479 | 1333949 | 8.39% | 0.238% |
| 139 | 10.085 | 10.055 | 10.103 | VV | 23996 | 620643  | 3.91% | 0.111% |
| 140 | 10.148 | 10.103 | 10.167 | VV | 23285 | 863142  | 5.43% | 0.154% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 141 | 10.186 | 10.167 | 10.204 | VV | 25388  | 531587   | 3.34%  | 0.095% |
| 142 | 10.257 | 10.204 | 10.273 | VV | 27696  | 1084603  | 6.82%  | 0.194% |
| 143 | 10.300 | 10.273 | 10.324 | VV | 41594  | 1020413  | 6.42%  | 0.182% |
| 144 | 10.353 | 10.324 | 10.371 | VV | 39560  | 923492   | 5.81%  | 0.165% |
| 145 | 10.385 | 10.371 | 10.413 | VV | 34810  | 823087   | 5.18%  | 0.147% |
| 146 | 10.448 | 10.413 | 10.478 | VV | 36069  | 1271199  | 8.00%  | 0.227% |
| 147 | 10.500 | 10.478 | 10.531 | VV | 33086  | 1022810  | 6.44%  | 0.183% |
| 148 | 10.556 | 10.531 | 10.606 | VV | 40447  | 1679544  | 10.57% | 0.300% |
| 149 | 10.652 | 10.606 | 10.671 | VV | 51908  | 1675897  | 10.54% | 0.300% |
| 150 | 10.725 | 10.671 | 10.758 | VV | 74619  | 3148705  | 19.81% | 0.563% |
| 151 | 10.771 | 10.758 | 10.800 | VV | 60951  | 1438754  | 9.05%  | 0.257% |
| 152 | 10.822 | 10.800 | 10.832 | VV | 55747  | 1028965  | 6.47%  | 0.184% |
| 153 | 10.874 | 10.832 | 10.889 | VV | 86722  | 2369293  | 14.91% | 0.424% |
| 154 | 10.907 | 10.889 | 10.948 | VV | 105771 | 2830931  | 17.81% | 0.506% |
| 155 | 10.980 | 10.948 | 11.010 | VV | 105524 | 3403565  | 21.42% | 0.608% |
| 156 | 11.031 | 11.010 | 11.044 | VV | 104935 | 2039172  | 12.83% | 0.365% |
| 157 | 11.068 | 11.044 | 11.089 | VV | 107975 | 2669139  | 16.79% | 0.477% |
| 158 | 11.110 | 11.089 | 11.141 | VV | 121193 | 3469704  | 21.83% | 0.620% |
| 159 | 11.162 | 11.141 | 11.184 | VV | 137850 | 3182498  | 20.02% | 0.569% |
| 160 | 11.214 | 11.184 | 11.230 | VV | 138591 | 3419400  | 21.52% | 0.611% |
| 161 | 11.255 | 11.230 | 11.274 | VV | 150337 | 3782170  | 23.80% | 0.676% |
| 162 | 11.300 | 11.274 | 11.328 | VV | 163817 | 5015709  | 31.56% | 0.897% |
| 163 | 11.360 | 11.328 | 11.377 | VV | 213884 | 5378352  | 33.84% | 0.961% |
| 164 | 11.409 | 11.377 | 11.424 | VV | 246581 | 6093158  | 38.34% | 1.089% |
| 165 | 11.452 | 11.424 | 11.500 | VV | 270514 | 10233284 | 64.39% | 1.829% |
| 166 | 11.518 | 11.500 | 11.542 | VV | 214329 | 5062037  | 31.85% | 0.905% |
| 167 | 11.562 | 11.542 | 11.588 | VV | 207870 | 5445459  | 34.26% | 0.973% |
| 168 | 11.608 | 11.588 | 11.630 | VV | 227015 | 5314083  | 33.44% | 0.950% |
| 169 | 11.676 | 11.630 | 11.704 | VV | 356253 | 13539631 | 85.19% | 2.420% |
| 170 | 11.719 | 11.704 | 11.737 | VV | 304122 | 5480260  | 34.48% | 0.980% |
| 171 | 11.758 | 11.737 | 11.779 | VV | 322739 | 7165848  | 45.09% | 1.281% |
| 172 | 11.798 | 11.779 | 11.820 | VV | 288026 | 6334440  | 39.86% | 1.132% |
| 173 | 11.848 | 11.820 | 11.870 | VV | 318323 | 8175292  | 51.44% | 1.461% |
| 174 | 11.884 | 11.870 | 11.900 | VV | 260892 | 4588758  | 28.87% | 0.820% |
| 175 | 11.922 | 11.900 | 11.945 | VV | 307035 | 7512194  | 47.27% | 1.343% |
| 176 | 11.971 | 11.945 | 11.987 | VV | 301399 | 7247709  | 45.60% | 1.296% |
| 177 | 12.008 | 11.987 | 12.022 | VV | 356216 | 6898318  | 43.40% | 1.233% |
| 178 | 12.033 | 12.022 | 12.053 | VV | 341712 | 5987040  | 37.67% | 1.070% |
| 179 | 12.077 | 12.053 | 12.094 | VV | 383590 | 8263139  | 51.99% | 1.477% |
| 180 | 12.115 | 12.094 | 12.154 | VV | 374623 | 12344537 | 77.67% | 2.207% |

|     |        |        |        |    |        |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
| 181 | 12.168 | 12.154 | 12.211 | VV | 323465 | 10152743 | 63.88%  | 1.815% |
| 182 | 12.234 | 12.211 | 12.250 | VV | 283808 | 6371707  | 40.09%  | 1.139% |
| 183 | 12.268 | 12.250 | 12.285 | VV | 297073 | 5956986  | 37.48%  | 1.065% |
| 184 | 12.313 | 12.285 | 12.360 | VV | 410891 | 15862624 | 99.81%  | 2.836% |
| 185 | 12.374 | 12.360 | 12.395 | VV | 346016 | 6723970  | 42.31%  | 1.202% |
| 186 | 12.416 | 12.395 | 12.434 | VV | 345540 | 7666949  | 48.24%  | 1.371% |
| 187 | 12.449 | 12.434 | 12.478 | VV | 318457 | 7931727  | 49.91%  | 1.418% |
| 188 | 12.501 | 12.478 | 12.518 | VV | 326429 | 7254837  | 45.65%  | 1.297% |
| 189 | 12.554 | 12.518 | 12.571 | VV | 323960 | 9984485  | 62.82%  | 1.785% |
| 190 | 12.599 | 12.571 | 12.633 | VV | 342900 | 11975883 | 75.35%  | 2.141% |
| 191 | 12.673 | 12.633 | 12.690 | VV | 353246 | 11056796 | 69.57%  | 1.977% |
| 192 | 12.710 | 12.690 | 12.727 | VV | 363539 | 7383055  | 46.45%  | 1.320% |
| 193 | 12.746 | 12.727 | 12.786 | VV | 406074 | 12288864 | 77.32%  | 2.197% |
| 194 | 12.797 | 12.786 | 12.844 | VV | 314269 | 10187829 | 64.10%  | 1.821% |
| 195 | 12.863 | 12.844 | 12.881 | VV | 277039 | 6040099  | 38.00%  | 1.080% |
| 196 | 12.900 | 12.881 | 12.910 | VV | 285671 | 4832431  | 30.41%  | 0.864% |
| 197 | 12.934 | 12.910 | 12.985 | VV | 360922 | 14310159 | 90.04%  | 2.558% |
| 198 | 13.000 | 12.985 | 13.022 | VV | 310629 | 6539867  | 41.15%  | 1.169% |
| 199 | 13.040 | 13.022 | 13.083 | VV | 327461 | 10199221 | 64.17%  | 1.823% |
| 200 | 13.123 | 13.083 | 13.156 | VV | 316300 | 12036837 | 75.74%  | 2.152% |
| 201 | 13.172 | 13.156 | 13.199 | VV | 279080 | 6883399  | 43.31%  | 1.230% |
| 202 | 13.220 | 13.199 | 13.248 | VV | 271216 | 7680792  | 48.33%  | 1.373% |
| 203 | 13.262 | 13.248 | 13.293 | VV | 253443 | 6554876  | 41.24%  | 1.172% |
| 204 | 13.313 | 13.293 | 13.332 | VV | 258434 | 5838248  | 36.73%  | 1.044% |
| 205 | 13.353 | 13.332 | 13.448 | VV | 277679 | 15892935 | 100.00% | 2.841% |
| 206 | 13.458 | 13.448 | 13.482 | VV | 197619 | 3857388  | 24.27%  | 0.690% |
| 207 | 13.521 | 13.482 | 13.584 | VV | 230630 | 12689001 | 79.84%  | 2.268% |
| 208 | 13.595 | 13.584 | 13.615 | VV | 192989 | 3404175  | 21.42%  | 0.609% |
| 209 | 13.631 | 13.615 | 13.679 | VV | 185879 | 6524152  | 41.05%  | 1.166% |
| 210 | 13.725 | 13.679 | 13.759 | VV | 169005 | 7812028  | 49.15%  | 1.396% |
| 211 | 13.778 | 13.759 | 13.828 | VV | 165317 | 6373022  | 40.10%  | 1.139% |
| 212 | 13.846 | 13.828 | 13.868 | VV | 143334 | 3313871  | 20.85%  | 0.592% |
| 213 | 13.887 | 13.868 | 13.914 | VV | 137296 | 3735270  | 23.50%  | 0.668% |
| 214 | 13.934 | 13.914 | 14.041 | VV | 149176 | 9213437  | 57.97%  | 1.647% |
| 215 | 14.053 | 14.041 | 14.066 | VV | 106097 | 1530400  | 9.63%   | 0.274% |
| 216 | 14.099 | 14.066 | 14.131 | VV | 114765 | 4281612  | 26.94%  | 0.765% |
| 217 | 14.137 | 14.131 | 14.151 | VV | 106535 | 1244396  | 7.83%   | 0.222% |
| 218 | 14.165 | 14.151 | 14.226 | VV | 101500 | 4065371  | 25.58%  | 0.727% |
| 219 | 14.245 | 14.226 | 14.264 | VV | 82302  | 1889039  | 11.89%  | 0.338% |

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 220 | 14.281 | 14.264 | 14.351 | VV | 86927 | 4251024 | 26.75% | 0.760% |
| 221 | 14.358 | 14.351 | 14.398 | VV | 81725 | 2076766 | 13.07% | 0.371% |
| 222 | 14.407 | 14.398 | 14.422 | VV | 71770 | 1022578 | 6.43%  | 0.183% |
| 223 | 14.439 | 14.422 | 14.476 | VV | 74751 | 2252286 | 14.17% | 0.403% |
| 224 | 14.494 | 14.476 | 14.598 | VV | 75462 | 4616535 | 29.05% | 0.825% |
| 225 | 14.607 | 14.598 | 14.618 | VV | 55482 | 665767  | 4.19%  | 0.119% |
| 226 | 14.640 | 14.618 | 14.658 | VV | 60091 | 1354901 | 8.53%  | 0.242% |
| 227 | 14.667 | 14.658 | 14.763 | VV | 58857 | 3349333 | 21.07% | 0.599% |
| 228 | 14.782 | 14.763 | 14.801 | VV | 47444 | 1030110 | 6.48%  | 0.184% |
| 229 | 14.836 | 14.801 | 14.857 | VV | 47804 | 1552324 | 9.77%  | 0.277% |
| 230 | 14.872 | 14.857 | 14.895 | VV | 46529 | 1027649 | 6.47%  | 0.184% |
| 231 | 14.912 | 14.895 | 14.928 | VV | 49025 | 930159  | 5.85%  | 0.166% |
| 232 | 14.958 | 14.928 | 14.991 | VV | 50715 | 1744882 | 10.98% | 0.312% |
| 233 | 14.998 | 14.991 | 15.014 | VV | 43061 | 583689  | 3.67%  | 0.104% |
| 234 | 15.027 | 15.014 | 15.065 | VV | 44186 | 1264271 | 7.95%  | 0.226% |
| 235 | 15.081 | 15.065 | 15.098 | VV | 38726 | 717592  | 4.52%  | 0.128% |
| 236 | 15.111 | 15.098 | 15.134 | VV | 36679 | 750513  | 4.72%  | 0.134% |
| 237 | 15.170 | 15.134 | 15.191 | VV | 38770 | 1224097 | 7.70%  | 0.219% |
| 238 | 15.214 | 15.191 | 15.249 | VV | 39280 | 1276859 | 8.03%  | 0.228% |
| 239 | 15.259 | 15.249 | 15.274 | VV | 33109 | 497494  | 3.13%  | 0.089% |
| 240 | 15.285 | 15.274 | 15.318 | VV | 35071 | 841054  | 5.29%  | 0.150% |
| 241 | 15.332 | 15.318 | 15.340 | VV | 31177 | 411174  | 2.59%  | 0.074% |
| 242 | 15.358 | 15.340 | 15.378 | VV | 35548 | 736076  | 4.63%  | 0.132% |
| 243 | 15.385 | 15.378 | 15.398 | VV | 33290 | 388574  | 2.44%  | 0.069% |
| 244 | 15.412 | 15.398 | 15.445 | VV | 34219 | 908190  | 5.71%  | 0.162% |
| 245 | 15.496 | 15.445 | 15.530 | VV | 34202 | 1654251 | 10.41% | 0.296% |
| 246 | 15.547 | 15.530 | 15.578 | VV | 33787 | 870308  | 5.48%  | 0.156% |
| 247 | 15.599 | 15.578 | 15.641 | VV | 29652 | 1017327 | 6.40%  | 0.182% |
| 248 | 15.674 | 15.641 | 15.704 | VV | 31675 | 1056989 | 6.65%  | 0.189% |
| 249 | 15.719 | 15.704 | 15.728 | VV | 27880 | 383909  | 2.42%  | 0.069% |
| 250 | 15.741 | 15.728 | 15.785 | VV | 28034 | 879613  | 5.53%  | 0.157% |
| 251 | 15.805 | 15.785 | 15.820 | VV | 26878 | 546996  | 3.44%  | 0.098% |
| 252 | 15.830 | 15.820 | 15.848 | VV | 26121 | 408104  | 2.57%  | 0.073% |
| 253 | 15.862 | 15.848 | 15.878 | VV | 25759 | 443315  | 2.79%  | 0.079% |
| 254 | 15.888 | 15.878 | 15.904 | VV | 24331 | 359760  | 2.26%  | 0.064% |
| 255 | 15.916 | 15.904 | 15.933 | VV | 25125 | 431239  | 2.71%  | 0.077% |
| 256 | 15.951 | 15.933 | 16.007 | VV | 25162 | 999369  | 6.29%  | 0.179% |
| 257 | 16.036 | 16.007 | 16.081 | VV | 25472 | 956682  | 6.02%  | 0.171% |
| 258 | 16.117 | 16.081 | 16.131 | VV | 18890 | 549992  | 3.46%  | 0.098% |

|     |        |        |        |    |       |        |       |        |
|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 259 | 16.165 | 16.131 | 16.182 | VV | 21648 | 597652 | 3.76% | 0.107% |
| 260 | 16.204 | 16.182 | 16.263 | VV | 20469 | 914717 | 5.76% | 0.164% |
| 261 | 16.320 | 16.263 | 16.346 | VV | 21584 | 946588 | 5.96% | 0.169% |
| 262 | 16.358 | 16.346 | 16.386 | VV | 19207 | 436007 | 2.74% | 0.078% |
| 263 | 16.400 | 16.386 | 16.428 | VV | 17919 | 425070 | 2.67% | 0.076% |
| 264 | 16.472 | 16.428 | 16.491 | VV | 25413 | 734003 | 4.62% | 0.131% |
| 265 | 16.501 | 16.491 | 16.542 | VV | 18816 | 496791 | 3.13% | 0.089% |
| 266 | 16.558 | 16.542 | 16.581 | VV | 15133 | 324992 | 2.04% | 0.058% |
| 267 | 16.604 | 16.581 | 16.618 | VV | 13213 | 282294 | 1.78% | 0.050% |
| 268 | 16.638 | 16.618 | 16.741 | VV | 14879 | 960233 | 6.04% | 0.172% |
| 269 | 16.792 | 16.741 | 16.823 | VV | 16779 | 642413 | 4.04% | 0.115% |
| 270 | 16.850 | 16.823 | 16.890 | VV | 16588 | 495942 | 3.12% | 0.089% |
| 271 | 16.934 | 16.890 | 17.054 | VV | 11585 | 902362 | 5.68% | 0.161% |
| 272 | 17.072 | 17.054 | 17.084 | VV | 8337  | 133434 | 0.84% | 0.024% |
| 273 | 17.098 | 17.084 | 17.178 | VV | 8658  | 411377 | 2.59% | 0.074% |
| 274 | 17.182 | 17.178 | 17.193 | VV | 6993  | 62047  | 0.39% | 0.011% |
| 275 | 17.209 | 17.193 | 17.227 | VV | 7695  | 141891 | 0.89% | 0.025% |
| 276 | 17.239 | 17.227 | 17.248 | VV | 6614  | 80067  | 0.50% | 0.014% |
| 277 | 17.265 | 17.248 | 17.287 | VV | 6704  | 149107 | 0.94% | 0.027% |
| 278 | 17.311 | 17.287 | 17.342 | VV | 8294  | 228509 | 1.44% | 0.041% |
| 279 | 17.354 | 17.342 | 17.363 | VV | 5790  | 69835  | 0.44% | 0.012% |
| 280 | 17.395 | 17.363 | 17.414 | VV | 6879  | 182144 | 1.15% | 0.033% |
| 281 | 17.423 | 17.414 | 17.464 | VV | 5537  | 144427 | 0.91% | 0.026% |
| 282 | 17.479 | 17.464 | 17.498 | VV | 3916  | 75138  | 0.47% | 0.013% |
| 283 | 17.515 | 17.498 | 17.524 | VV | 5227  | 74496  | 0.47% | 0.013% |
| 284 | 17.532 | 17.524 | 17.589 | VV | 4726  | 158768 | 1.00% | 0.028% |
| 285 | 17.606 | 17.589 | 17.621 | VV | 3075  | 56538  | 0.36% | 0.010% |
| 286 | 17.627 | 17.621 | 17.646 | VV | 2872  | 41951  | 0.26% | 0.007% |
| 287 | 17.673 | 17.646 | 17.686 | VV | 2973  | 65879  | 0.41% | 0.012% |
| 288 | 17.700 | 17.686 | 17.728 | VV | 3208  | 70020  | 0.44% | 0.013% |
| 289 | 17.738 | 17.728 | 17.750 | VV | 2894  | 34368  | 0.22% | 0.006% |
| 290 | 17.764 | 17.750 | 17.791 | VV | 2663  | 58425  | 0.37% | 0.010% |
| 291 | 17.834 | 17.791 | 17.891 | VV | 3289  | 138057 | 0.87% | 0.025% |
| 292 | 17.925 | 17.891 | 17.938 | VV | 2067  | 50160  | 0.32% | 0.009% |
| 293 | 17.987 | 17.938 | 18.004 | VV | 3291  | 85942  | 0.54% | 0.015% |
| 294 | 18.015 | 18.004 | 18.036 | VV | 2033  | 31796  | 0.20% | 0.006% |
| 295 | 18.068 | 18.036 | 18.079 | VV | 1711  | 36042  | 0.23% | 0.006% |
| 296 | 18.089 | 18.079 | 18.099 | VV | 1620  | 16039  | 0.10% | 0.003% |
| 297 | 18.128 | 18.099 | 18.168 | VV | 2572  | 75075  | 0.47% | 0.013% |

|     |        |        |        |    |      |        |       |        |
|-----|--------|--------|--------|----|------|--------|-------|--------|
| 298 | 18.220 | 18.168 | 18.238 | VV | 5850 | 135728 | 0.85% | 0.024% |
| 299 | 18.256 | 18.238 | 18.304 | VV | 3938 | 81928  | 0.52% | 0.015% |
| 300 | 18.311 | 18.304 | 18.335 | VV | 875  | 12809  | 0.08% | 0.002% |
| 301 | 18.356 | 18.335 | 18.369 | VV | 1854 | 23767  | 0.15% | 0.004% |
| 302 | 18.383 | 18.369 | 18.449 | VV | 1673 | 38325  | 0.24% | 0.007% |
| 303 | 18.475 | 18.449 | 18.501 | VV | 5033 | 59786  | 0.38% | 0.011% |
| 304 | 18.546 | 18.501 | 18.583 | PV | 1224 | 34159  | 0.21% | 0.006% |
| 305 | 18.602 | 18.583 | 18.626 | VV | 1075 | 16159  | 0.10% | 0.003% |
| 306 | 18.667 | 18.626 | 18.711 | VV | 3714 | 77318  | 0.49% | 0.014% |
| 307 | 18.789 | 18.711 | 18.811 | VV | 1713 | 53858  | 0.34% | 0.010% |
| 308 | 18.834 | 18.811 | 18.848 | VV | 1136 | 18264  | 0.11% | 0.003% |
| 309 | 18.859 | 18.848 | 18.872 | VV | 858  | 10380  | 0.07% | 0.002% |
| 310 | 18.908 | 18.872 | 18.926 | VV | 1082 | 21661  | 0.14% | 0.004% |
| 311 | 18.947 | 18.926 | 18.962 | VV | 746  | 12223  | 0.08% | 0.002% |
| 312 | 18.969 | 18.962 | 18.973 | VV | 677  | 4089   | 0.03% | 0.001% |
| 313 | 18.987 | 18.973 | 18.997 | VV | 945  | 10747  | 0.07% | 0.002% |
| 314 | 19.027 | 18.997 | 19.049 | VV | 2777 | 50814  | 0.32% | 0.009% |
| 315 | 19.068 | 19.049 | 19.124 | VV | 2574 | 61422  | 0.39% | 0.011% |
| 316 | 19.158 | 19.124 | 19.171 | VV | 1609 | 33451  | 0.21% | 0.006% |
| 317 | 19.189 | 19.171 | 19.221 | VV | 1482 | 37742  | 0.24% | 0.007% |
| 318 | 19.231 | 19.221 | 19.241 | VV | 1188 | 12383  | 0.08% | 0.002% |
| 319 | 19.262 | 19.241 | 19.291 | VV | 1679 | 38877  | 0.24% | 0.007% |
| 320 | 19.333 | 19.291 | 19.343 | VV | 1672 | 40825  | 0.26% | 0.007% |
| 321 | 19.375 | 19.343 | 19.384 | VV | 1663 | 38920  | 0.24% | 0.007% |
| 322 | 19.455 | 19.384 | 19.472 | VV | 3449 | 133040 | 0.84% | 0.024% |
| 323 | 19.492 | 19.472 | 19.504 | VV | 3787 | 64621  | 0.41% | 0.012% |
| 324 | 19.527 | 19.504 | 19.551 | VV | 4084 | 107619 | 0.68% | 0.019% |
| 325 | 19.573 | 19.551 | 19.597 | VV | 4107 | 106781 | 0.67% | 0.019% |
| 326 | 19.632 | 19.597 | 19.678 | VV | 5873 | 219907 | 1.38% | 0.039% |
| 327 | 19.698 | 19.678 | 19.739 | VV | 5697 | 180443 | 1.14% | 0.032% |
| 328 | 19.755 | 19.739 | 19.773 | VV | 4739 | 89619  | 0.56% | 0.016% |
| 329 | 19.834 | 19.773 | 19.854 | VV | 6197 | 267544 | 1.68% | 0.048% |
| 330 | 19.879 | 19.854 | 19.893 | VV | 6213 | 139800 | 0.88% | 0.025% |
| 331 | 19.903 | 19.893 | 19.922 | VV | 6137 | 105189 | 0.66% | 0.019% |
| 332 | 20.006 | 19.922 | 20.025 | VV | 8029 | 422251 | 2.66% | 0.075% |
| 333 | 20.037 | 20.025 | 20.054 | VV | 7577 | 130834 | 0.82% | 0.023% |
| 334 | 20.084 | 20.054 | 20.094 | VV | 8243 | 190818 | 1.20% | 0.034% |
| 335 | 20.110 | 20.094 | 20.122 | VV | 8049 | 132877 | 0.84% | 0.024% |
| 336 | 20.157 | 20.122 | 20.183 | VV | 9674 | 317442 | 2.00% | 0.057% |

|                         |        |        |        |    |           |        |       |        |
|-------------------------|--------|--------|--------|----|-----------|--------|-------|--------|
| 337                     | 20.202 | 20.183 | 20.216 | VV | 9832      | 182524 | 1.15% | 0.033% |
| 338                     | 20.256 | 20.216 | 20.268 | VV | 9685      | 288971 | 1.82% | 0.052% |
| 339                     | 20.276 | 20.268 | 20.288 | VV | 9742      | 112285 | 0.71% | 0.020% |
| 340                     | 20.313 | 20.288 | 20.342 | VV | 9542      | 293829 | 1.85% | 0.053% |
| 341                     | 20.347 | 20.342 | 20.371 | VV | 8913      | 148173 | 0.93% | 0.026% |
| 342                     | 20.394 | 20.371 | 20.418 | VV | 8851      | 243091 | 1.53% | 0.043% |
| 343                     | 20.448 | 20.418 | 20.474 | VV | 9444      | 306306 | 1.93% | 0.055% |
| 344                     | 20.494 | 20.474 | 20.531 | VV | 9488      | 306957 | 1.93% | 0.055% |
| 345                     | 20.564 | 20.531 | 20.574 | VV | 9152      | 225174 | 1.42% | 0.040% |
| 346                     | 20.582 | 20.574 | 20.627 | VV | 9272      | 278683 | 1.75% | 0.050% |
| 347                     | 20.665 | 20.627 | 20.674 | VV | 9119      | 247355 | 1.56% | 0.044% |
| 348                     | 20.681 | 20.674 | 20.790 | VV | 9054      | 514920 | 3.24% | 0.092% |
| 349                     | 20.808 | 20.790 | 20.817 | VV | 6203      | 94423  | 0.59% | 0.017% |
| 350                     | 20.877 | 20.817 | 20.903 | VV | 7919      | 376138 | 2.37% | 0.067% |
| 351                     | 20.941 | 20.903 | 21.031 | VV | 8171      | 599529 | 3.77% | 0.107% |
| 352                     | 21.061 | 21.031 | 21.078 | VV | 7453      | 206234 | 1.30% | 0.037% |
| 353                     | 21.096 | 21.078 | 21.158 | VV | 7808      | 337608 | 2.12% | 0.060% |
| 354                     | 21.164 | 21.158 | 21.200 | VV | 5742      | 126163 | 0.79% | 0.023% |
| 355                     | 21.222 | 21.200 | 21.251 | VV | 4371      | 124907 | 0.79% | 0.022% |
| 356                     | 21.269 | 21.251 | 21.281 | VV | 4656      | 80296  | 0.51% | 0.014% |
| 357                     | 21.298 | 21.281 | 21.332 | VV | 4615      | 130687 | 0.82% | 0.023% |
| 358                     | 21.360 | 21.332 | 21.374 | VV | 5008      | 115562 | 0.73% | 0.021% |
| 359                     | 21.415 | 21.374 | 21.492 | VV | 5374      | 305668 | 1.92% | 0.055% |
| 360                     | 21.535 | 21.492 | 21.601 | VV | 4210      | 233516 | 1.47% | 0.042% |
| 361                     | 21.607 | 21.601 | 21.731 | VV | 2977      | 107057 | 0.67% | 0.019% |
| 362                     | 21.758 | 21.731 | 21.770 | PV | 299       | 5475   | 0.03% | 0.001% |
| 363                     | 21.842 | 21.770 | 21.855 | VV | 1561      | 36979  | 0.23% | 0.007% |
| 364                     | 21.898 | 21.855 | 21.928 | VV | 2060      | 72702  | 0.46% | 0.013% |
| 365                     | 21.940 | 21.928 | 21.988 | VV | 1551      | 38846  | 0.24% | 0.007% |
| 366                     | 22.053 | 21.988 | 22.113 | VV | 1497      | 72420  | 0.46% | 0.013% |
| Sum of corrected areas: |        |        |        |    | 559412712 |        |       |        |