

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042120AL\  
 Data File : FC047000.D  
 Signal(s) : FID1A.CH  
 Acq On : 22 Apr 2020 6:54  
 Sample : L2283-06  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032320.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         | 3.551       | 3.516        | 3.567      | VV       | 3777           | 37004        | 0.93%          | 0.046%        |
| 2         | 3.575       | 3.567        | 3.595      | VV       | 1045           | 10739        | 0.27%          | 0.013%        |
| 3         | 3.603       | 3.595        | 3.649      | VV       | 327            | 3451         | 0.09%          | 0.004%        |
| 4         | 3.684       | 3.663        | 3.697      | PV       | 641            | 6974         | 0.18%          | 0.009%        |
| 5         | 3.707       | 3.697        | 3.717      | VV       | 476            | 4126         | 0.10%          | 0.005%        |
| 6         | 3.728       | 3.717        | 3.739      | VV       | 546            | 5184         | 0.13%          | 0.006%        |
| 7         | 3.750       | 3.739        | 3.786      | VV       | 746            | 9694         | 0.24%          | 0.012%        |
| 8         | 3.825       | 3.786        | 3.848      | PV       | 1964           | 26424        | 0.67%          | 0.033%        |
| 9         | 3.873       | 3.848        | 3.896      | VV       | 837            | 14116        | 0.36%          | 0.018%        |
| 10        | 3.921       | 3.896        | 3.967      | VV       | 2693           | 38045        | 0.96%          | 0.047%        |
| 11        | 3.996       | 3.967        | 4.014      | VV       | 1616           | 24307        | 0.61%          | 0.030%        |
| 12        | 4.022       | 4.014        | 4.035      | VV       | 554            | 4903         | 0.12%          | 0.006%        |
| 13        | 4.054       | 4.035        | 4.080      | VV       | 761            | 9033         | 0.23%          | 0.011%        |
| 14        | 4.101       | 4.080        | 4.117      | PV       | 2286           | 20103        | 0.51%          | 0.025%        |
| 15        | 4.138       | 4.117        | 4.164      | VV       | 1460           | 25897        | 0.65%          | 0.032%        |
| 16        | 4.173       | 4.164        | 4.187      | VV       | 626            | 6321         | 0.16%          | 0.008%        |
| 17        | 4.217       | 4.187        | 4.230      | VV       | 3695           | 42414        | 1.07%          | 0.053%        |
| 18        | 4.244       | 4.230        | 4.265      | VV       | 3774           | 44623        | 1.12%          | 0.055%        |
| 19        | 4.284       | 4.265        | 4.295      | VV       | 1105           | 17630        | 0.44%          | 0.022%        |
| 20        | 4.313       | 4.295        | 4.338      | VV       | 3401           | 40724        | 1.03%          | 0.051%        |
| 21        | 4.369       | 4.338        | 4.382      | VV       | 1929           | 25020        | 0.63%          | 0.031%        |
| 22        | 4.399       | 4.382        | 4.414      | VV       | 2174           | 28430        | 0.72%          | 0.035%        |
| 23        | 4.430       | 4.414        | 4.455      | VV       | 2264           | 34949        | 0.88%          | 0.043%        |
| 24        | 4.466       | 4.455        | 4.505      | VV       | 967            | 14046        | 0.35%          | 0.017%        |
| 25        | 4.543       | 4.505        | 4.560      | PV       | 5612           | 63469        | 1.60%          | 0.079%        |
| 26        | 4.579       | 4.560        | 4.588      | VV       | 1143           | 16078        | 0.40%          | 0.020%        |
| 27        | 4.614       | 4.588        | 4.675      | VV       | 74920          | 738396       | 18.59%         | 0.917%        |
| 28        | 4.689       | 4.675        | 4.719      | VV       | 1632           | 26700        | 0.67%          | 0.033%        |
| 29        | 4.735       | 4.719        | 4.751      | VV       | 875            | 13025        | 0.33%          | 0.016%        |
| 30        | 4.781       | 4.751        | 4.807      | VV       | 2017           | 47429        | 1.19%          | 0.059%        |
| 31        | 4.822       | 4.807        | 4.850      | VV       | 3157           | 57717        | 1.45%          | 0.072%        |
| 32        | 4.866       | 4.850        | 4.885      | VV       | 8258           | 80706        | 2.03%          | 0.100%        |
| 33        | 4.920       | 4.885        | 4.935      | VV       | 5399           | 105558       | 2.66%          | 0.131%        |
| 34        | 4.949       | 4.935        | 4.970      | VV       | 5580           | 60683        | 1.53%          | 0.075%        |
| 35        | 4.986       | 4.970        | 5.008      | VV       | 3589           | 45982        | 1.16%          | 0.057%        |
| 36        | 5.028       | 5.008        | 5.050      | VV       | 5038           | 61648        | 1.55%          | 0.077%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 5.063 | 5.050 | 5.077 | VV | 1263   | 15278   | 0.38%  | 0.019% |
| 38     | 5.100 | 5.077 | 5.117 | VV | 6150   | 66739   | 1.68%  | 0.083% |
| 39     | 5.135 | 5.117 | 5.149 | VV | 2365   | 34614   | 0.87%  | 0.043% |
| 40     | 5.163 | 5.149 | 5.172 | VV | 2888   | 31094   | 0.78%  | 0.039% |
| 41     | 5.186 | 5.172 | 5.202 | VV | 4207   | 50173   | 1.26%  | 0.062% |
| 42     | 5.219 | 5.202 | 5.231 | VV | 8013   | 80599   | 2.03%  | 0.100% |
| 43     | 5.248 | 5.231 | 5.270 | VV | 12155  | 152442  | 3.84%  | 0.189% |
| 44     | 5.289 | 5.270 | 5.326 | VV | 14787  | 217731  | 5.48%  | 0.270% |
| 45     | 5.351 | 5.326 | 5.396 | VV | 13850  | 223863  | 5.64%  | 0.278% |
| 46     | 5.418 | 5.396 | 5.431 | VV | 2667   | 45331   | 1.14%  | 0.056% |
| 47     | 5.455 | 5.431 | 5.481 | VV | 7906   | 133499  | 3.36%  | 0.166% |
| 48     | 5.513 | 5.481 | 5.527 | VV | 6976   | 133336  | 3.36%  | 0.166% |
| 49     | 5.544 | 5.527 | 5.557 | VV | 5213   | 85344   | 2.15%  | 0.106% |
| 50     | 5.572 | 5.557 | 5.589 | VV | 5954   | 91032   | 2.29%  | 0.113% |
| 51     | 5.603 | 5.589 | 5.622 | VV | 4718   | 75725   | 1.91%  | 0.094% |
| 52     | 5.644 | 5.622 | 5.670 | VV | 262890 | 2421901 | 60.98% | 3.006% |
| 53     | 5.686 | 5.670 | 5.707 | VV | 18024  | 237455  | 5.98%  | 0.295% |
| 54     | 5.718 | 5.707 | 5.729 | VV | 6206   | 64990   | 1.64%  | 0.081% |
| 55     | 5.738 | 5.729 | 5.755 | VV | 5874   | 69314   | 1.75%  | 0.086% |
| 56     | 5.785 | 5.755 | 5.795 | VV | 6161   | 100828  | 2.54%  | 0.125% |
| 57     | 5.803 | 5.795 | 5.811 | VV | 5664   | 52884   | 1.33%  | 0.066% |
| 58     | 5.837 | 5.811 | 5.870 | VV | 13679  | 267652  | 6.74%  | 0.332% |
| 59     | 5.888 | 5.870 | 5.906 | VV | 6756   | 93498   | 2.35%  | 0.116% |
| 60     | 5.926 | 5.906 | 5.937 | VV | 10948  | 127958  | 3.22%  | 0.159% |
| 61     | 5.948 | 5.937 | 5.975 | VV | 11716  | 145249  | 3.66%  | 0.180% |
| 62     | 5.992 | 5.975 | 6.025 | VV | 7625   | 118775  | 2.99%  | 0.147% |
| 63     | 6.051 | 6.025 | 6.078 | VV | 6206   | 110812  | 2.79%  | 0.138% |
| 64     | 6.099 | 6.078 | 6.127 | VV | 5674   | 87898   | 2.21%  | 0.109% |
| 65     | 6.145 | 6.127 | 6.165 | VV | 6316   | 94427   | 2.38%  | 0.117% |
| 66     | 6.198 | 6.165 | 6.220 | VV | 14524  | 267451  | 6.73%  | 0.332% |
| 67     | 6.238 | 6.220 | 6.259 | VV | 13837  | 162928  | 4.10%  | 0.202% |
| 68     | 6.279 | 6.259 | 6.320 | VV | 21043  | 316580  | 7.97%  | 0.393% |
| 69     | 6.341 | 6.320 | 6.360 | VV | 16730  | 193916  | 4.88%  | 0.241% |
| 70     | 6.392 | 6.360 | 6.419 | VV | 4072   | 108170  | 2.72%  | 0.134% |
| 71     | 6.463 | 6.419 | 6.485 | VV | 5171   | 144959  | 3.65%  | 0.180% |
| 72     | 6.508 | 6.485 | 6.530 | VV | 9416   | 149135  | 3.75%  | 0.185% |
| 73     | 6.559 | 6.530 | 6.574 | VV | 5272   | 94563   | 2.38%  | 0.117% |
| 74     | 6.582 | 6.574 | 6.591 | VV | 3326   | 32136   | 0.81%  | 0.040% |
| 75     | 6.618 | 6.591 | 6.670 | VV | 255050 | 2544757 | 64.07% | 3.159% |
| 76     | 6.686 | 6.670 | 6.715 | VV | 3087   | 66637   | 1.68%  | 0.083% |
| 77     | 6.734 | 6.715 | 6.745 | VV | 3991   | 54351   | 1.37%  | 0.067% |
| 78     | 6.765 | 6.745 | 6.788 | VV | 23033  | 261846  | 6.59%  | 0.325% |
| 79     | 6.813 | 6.788 | 6.867 | VV | 6950   | 191846  | 4.83%  | 0.238% |
| 80     | 6.897 | 6.867 | 6.919 | VV | 5090   | 82058   | 2.07%  | 0.102% |
| 81     | 6.945 | 6.919 | 6.967 | VV | 7862   | 121519  | 3.06%  | 0.151% |
| 82     | 6.978 | 6.967 | 6.992 | VV | 4116   | 53113   | 1.34%  | 0.066% |
| 83     | 7.006 | 6.992 | 7.027 | VV | 3588   | 57912   | 1.46%  | 0.072% |
| 84     | 7.074 | 7.027 | 7.095 | VV | 3201   | 94281   | 2.37%  | 0.117% |
| 85     | 7.129 | 7.095 | 7.157 | VV | 9538   | 207446  | 5.22%  | 0.258% |
| 86     | 7.173 | 7.157 | 7.197 | VV | 9115   | 129041  | 3.25%  | 0.160% |
| 87     | 7.216 | 7.197 | 7.242 | VV | 12605  | 172081  | 4.33%  | 0.214% |
| 88     | 7.273 | 7.242 | 7.293 | VV | 10376  | 151183  | 3.81%  | 0.188% |
| 89     | 7.313 | 7.293 | 7.329 | VV | 20350  | 213977  | 5.39%  | 0.266% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 7.345 | 7.329 | 7.382 | VV | 11504  | 193620  | 4.87%  | 0.240% |
| 91  | 7.393 | 7.382 | 7.405 | VV | 3844   | 45317   | 1.14%  | 0.056% |
| 92  | 7.423 | 7.405 | 7.454 | VV | 7293   | 144664  | 3.64%  | 0.180% |
| 93  | 7.468 | 7.454 | 7.486 | VV | 5183   | 76846   | 1.93%  | 0.095% |
| 94  | 7.535 | 7.486 | 7.579 | VV | 122656 | 1445392 | 36.39% | 1.794% |
| 95  | 7.603 | 7.579 | 7.621 | VV | 7109   | 127974  | 3.22%  | 0.159% |
| 96  | 7.656 | 7.621 | 7.667 | VV | 4993   | 116707  | 2.94%  | 0.145% |
| 97  | 7.675 | 7.667 | 7.685 | VV | 4708   | 47725   | 1.20%  | 0.059% |
| 98  | 7.706 | 7.685 | 7.770 | VV | 8750   | 232593  | 5.86%  | 0.289% |
| 99  | 7.794 | 7.770 | 7.819 | VV | 6250   | 95214   | 2.40%  | 0.118% |
| 100 | 7.843 | 7.819 | 7.863 | VV | 6509   | 110389  | 2.78%  | 0.137% |
| 101 | 7.880 | 7.863 | 7.925 | VV | 8112   | 176538  | 4.44%  | 0.219% |
| 102 | 7.984 | 7.925 | 7.997 | VV | 9247   | 204904  | 5.16%  | 0.254% |
| 103 | 8.012 | 7.997 | 8.027 | VV | 11936  | 146878  | 3.70%  | 0.182% |
| 104 | 8.049 | 8.027 | 8.072 | VV | 9467   | 175591  | 4.42%  | 0.218% |
| 105 | 8.097 | 8.072 | 8.125 | VV | 12197  | 200279  | 5.04%  | 0.249% |
| 106 | 8.154 | 8.125 | 8.199 | VV | 17103  | 272677  | 6.87%  | 0.338% |
| 107 | 8.220 | 8.199 | 8.242 | VV | 21018  | 247258  | 6.23%  | 0.307% |
| 108 | 8.297 | 8.242 | 8.335 | VV | 6851   | 277079  | 6.98%  | 0.344% |
| 109 | 8.398 | 8.335 | 8.430 | VV | 66032  | 873228  | 21.99% | 1.084% |
| 110 | 8.446 | 8.430 | 8.469 | VV | 6586   | 107964  | 2.72%  | 0.134% |
| 111 | 8.493 | 8.469 | 8.517 | VV | 4928   | 112104  | 2.82%  | 0.139% |
| 112 | 8.533 | 8.517 | 8.556 | VV | 5801   | 106037  | 2.67%  | 0.132% |
| 113 | 8.577 | 8.556 | 8.615 | VV | 10274  | 198946  | 5.01%  | 0.247% |
| 114 | 8.627 | 8.615 | 8.637 | VV | 2833   | 35766   | 0.90%  | 0.044% |
| 115 | 8.680 | 8.637 | 8.695 | VV | 4751   | 122242  | 3.08%  | 0.152% |
| 116 | 8.711 | 8.695 | 8.732 | VV | 6904   | 103407  | 2.60%  | 0.128% |
| 117 | 8.761 | 8.732 | 8.785 | VV | 6509   | 142565  | 3.59%  | 0.177% |
| 118 | 8.806 | 8.785 | 8.829 | VV | 7591   | 153050  | 3.85%  | 0.190% |
| 119 | 8.844 | 8.829 | 8.854 | VV | 6475   | 84581   | 2.13%  | 0.105% |
| 120 | 8.871 | 8.854 | 8.899 | VV | 8935   | 194652  | 4.90%  | 0.242% |
| 121 | 8.931 | 8.899 | 8.957 | VV | 29854  | 452030  | 11.38% | 0.561% |
| 122 | 8.980 | 8.957 | 8.998 | VV | 8990   | 151765  | 3.82%  | 0.188% |
| 123 | 9.016 | 8.998 | 9.031 | VV | 5545   | 87253   | 2.20%  | 0.108% |
| 124 | 9.050 | 9.031 | 9.064 | VV | 5419   | 91113   | 2.29%  | 0.113% |
| 125 | 9.078 | 9.064 | 9.123 | VV | 5820   | 156115  | 3.93%  | 0.194% |
| 126 | 9.171 | 9.123 | 9.183 | VV | 11168  | 263182  | 6.63%  | 0.327% |
| 127 | 9.215 | 9.183 | 9.263 | VV | 50484  | 897744  | 22.60% | 1.114% |
| 128 | 9.298 | 9.263 | 9.319 | VV | 15646  | 313448  | 7.89%  | 0.389% |
| 129 | 9.338 | 9.319 | 9.385 | VV | 10523  | 285328  | 7.18%  | 0.354% |
| 130 | 9.411 | 9.385 | 9.430 | VV | 15167  | 212675  | 5.35%  | 0.264% |
| 131 | 9.450 | 9.430 | 9.461 | VV | 9045   | 118861  | 2.99%  | 0.148% |
| 132 | 9.477 | 9.461 | 9.498 | VV | 15630  | 224082  | 5.64%  | 0.278% |
| 133 | 9.511 | 9.498 | 9.530 | VV | 8721   | 116050  | 2.92%  | 0.144% |
| 134 | 9.545 | 9.530 | 9.559 | VV | 4601   | 63422   | 1.60%  | 0.079% |
| 135 | 9.588 | 9.559 | 9.614 | VV | 68520  | 1141930 | 28.75% | 1.418% |
| 136 | 9.629 | 9.614 | 9.652 | VV | 44586  | 590882  | 14.88% | 0.733% |
| 137 | 9.674 | 9.652 | 9.694 | VV | 32519  | 403042  | 10.15% | 0.500% |
| 138 | 9.716 | 9.694 | 9.749 | VV | 28174  | 412777  | 10.39% | 0.512% |
| 139 | 9.769 | 9.749 | 9.797 | VV | 40172  | 456886  | 11.50% | 0.567% |
| 140 | 9.858 | 9.797 | 9.872 | VV | 5218   | 152278  | 3.83%  | 0.189% |
| 141 | 9.895 | 9.872 | 9.927 | VV | 14653  | 295533  | 7.44%  | 0.367% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.935  | 9.927  | 9.962  | VV | 5274   | 101483  | 2.56%  | 0.126% |
| 143    | 9.988  | 9.962  | 10.040 | VV | 117044 | 1429456 | 35.99% | 1.774% |
| 144    | 10.056 | 10.040 | 10.072 | VV | 3911   | 59052   | 1.49%  | 0.073% |
| 145    | 10.089 | 10.072 | 10.115 | VV | 3750   | 75721   | 1.91%  | 0.094% |
|        |        |        |        |    |        |         |        |        |
| 146    | 10.136 | 10.115 | 10.143 | VV | 15264  | 154563  | 3.89%  | 0.192% |
| 147    | 10.158 | 10.143 | 10.185 | VV | 30806  | 355570  | 8.95%  | 0.441% |
| 148    | 10.196 | 10.185 | 10.209 | VV | 2403   | 27608   | 0.70%  | 0.034% |
| 149    | 10.234 | 10.209 | 10.255 | VV | 30073  | 336489  | 8.47%  | 0.418% |
| 150    | 10.264 | 10.255 | 10.287 | VV | 3148   | 38919   | 0.98%  | 0.048% |
|        |        |        |        |    |        |         |        |        |
| 151    | 10.332 | 10.287 | 10.349 | VV | 3905   | 78631   | 1.98%  | 0.098% |
| 152    | 10.384 | 10.349 | 10.410 | VV | 38645  | 629684  | 15.85% | 0.782% |
| 153    | 10.422 | 10.410 | 10.445 | VV | 4151   | 64029   | 1.61%  | 0.079% |
| 154    | 10.463 | 10.445 | 10.492 | VV | 5179   | 84293   | 2.12%  | 0.105% |
| 155    | 10.519 | 10.492 | 10.555 | VV | 5227   | 103775  | 2.61%  | 0.129% |
|        |        |        |        |    |        |         |        |        |
| 156    | 10.571 | 10.555 | 10.588 | VV | 1453   | 21348   | 0.54%  | 0.027% |
| 157    | 10.648 | 10.588 | 10.687 | VV | 32018  | 478885  | 12.06% | 0.594% |
| 158    | 10.722 | 10.687 | 10.764 | VV | 40774  | 527345  | 13.28% | 0.655% |
| 159    | 10.792 | 10.764 | 10.820 | VV | 27494  | 415057  | 10.45% | 0.515% |
| 160    | 10.845 | 10.820 | 10.861 | VV | 27128  | 328609  | 8.27%  | 0.408% |
|        |        |        |        |    |        |         |        |        |
| 161    | 10.876 | 10.861 | 10.922 | VV | 24883  | 308852  | 7.78%  | 0.383% |
| 162    | 10.963 | 10.922 | 10.992 | VV | 22706  | 304079  | 7.66%  | 0.377% |
| 163    | 11.005 | 10.992 | 11.020 | VV | 2310   | 32072   | 0.81%  | 0.040% |
| 164    | 11.041 | 11.020 | 11.079 | VV | 5924   | 122753  | 3.09%  | 0.152% |
| 165    | 11.113 | 11.079 | 11.160 | VV | 29043  | 439199  | 11.06% | 0.545% |
|        |        |        |        |    |        |         |        |        |
| 166    | 11.174 | 11.160 | 11.195 | VV | 4238   | 56137   | 1.41%  | 0.070% |
| 167    | 11.222 | 11.195 | 11.261 | VV | 4459   | 99079   | 2.49%  | 0.123% |
| 168    | 11.278 | 11.261 | 11.302 | VV | 1787   | 34765   | 0.88%  | 0.043% |
| 169    | 11.328 | 11.302 | 11.335 | VV | 1623   | 27445   | 0.69%  | 0.034% |
| 170    | 11.372 | 11.335 | 11.395 | VV | 25883  | 324675  | 8.17%  | 0.403% |
|        |        |        |        |    |        |         |        |        |
| 171    | 11.420 | 11.395 | 11.476 | VV | 34559  | 463046  | 11.66% | 0.575% |
| 172    | 11.513 | 11.476 | 11.554 | VV | 19947  | 369453  | 9.30%  | 0.459% |
| 173    | 11.573 | 11.554 | 11.599 | VV | 7018   | 88629   | 2.23%  | 0.110% |
| 174    | 11.616 | 11.599 | 11.637 | VV | 1775   | 22993   | 0.58%  | 0.029% |
| 175    | 11.659 | 11.637 | 11.677 | PV | 6296   | 73719   | 1.86%  | 0.092% |
|        |        |        |        |    |        |         |        |        |
| 176    | 11.717 | 11.677 | 11.760 | VV | 3700   | 114648  | 2.89%  | 0.142% |
| 177    | 11.815 | 11.760 | 11.840 | VV | 9074   | 146879  | 3.70%  | 0.182% |
| 178    | 11.855 | 11.840 | 11.873 | VV | 2810   | 36839   | 0.93%  | 0.046% |
| 179    | 11.905 | 11.873 | 11.924 | VV | 2531   | 51308   | 1.29%  | 0.064% |
| 180    | 11.942 | 11.924 | 11.956 | VV | 1787   | 25182   | 0.63%  | 0.031% |
|        |        |        |        |    |        |         |        |        |
| 181    | 11.975 | 11.956 | 12.001 | VV | 1774   | 32040   | 0.81%  | 0.040% |
| 182    | 12.019 | 12.001 | 12.035 | VV | 1005   | 15215   | 0.38%  | 0.019% |
| 183    | 12.086 | 12.035 | 12.149 | VV | 29578  | 553404  | 13.93% | 0.687% |
| 184    | 12.171 | 12.149 | 12.182 | VV | 1901   | 28111   | 0.71%  | 0.035% |
| 185    | 12.193 | 12.182 | 12.208 | VV | 1799   | 25208   | 0.63%  | 0.031% |
|        |        |        |        |    |        |         |        |        |
| 186    | 12.221 | 12.208 | 12.264 | VV | 1792   | 37537   | 0.95%  | 0.047% |
| 187    | 12.302 | 12.264 | 12.332 | VV | 2538   | 58512   | 1.47%  | 0.073% |
| 188    | 12.361 | 12.332 | 12.410 | VV | 2988   | 92927   | 2.34%  | 0.115% |
| 189    | 12.424 | 12.410 | 12.440 | VV | 1579   | 23094   | 0.58%  | 0.029% |
| 190    | 12.498 | 12.440 | 12.533 | VV | 4709   | 133276  | 3.36%  | 0.165% |
|        |        |        |        |    |        |         |        |        |
| 191    | 12.549 | 12.533 | 12.578 | VV | 2715   | 56257   | 1.42%  | 0.070% |
| 192    | 12.590 | 12.578 | 12.601 | VV | 1936   | 21451   | 0.54%  | 0.027% |
| 193    | 12.608 | 12.601 | 12.626 | VV | 1548   | 20277   | 0.51%  | 0.025% |
| 194    | 12.645 | 12.626 | 12.674 | VV | 2479   | 44417   | 1.12%  | 0.055% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 12.721 | 12.674 | 12.769 | VV | 28205  | 394876  | 9.94%   | 0.490% |
| 196 | 12.789 | 12.769 | 12.812 | VV | 2928   | 51600   | 1.30%   | 0.064% |
| 197 | 12.864 | 12.812 | 12.930 | VV | 2723   | 103424  | 2.60%   | 0.128% |
| 198 | 12.944 | 12.930 | 12.952 | VV | 1201   | 9241    | 0.23%   | 0.011% |
| 199 | 12.974 | 12.952 | 12.997 | VV | 2985   | 50307   | 1.27%   | 0.062% |
| 200 | 13.006 | 12.997 | 13.030 | VV | 2494   | 33581   | 0.85%   | 0.042% |
| 201 | 13.044 | 13.030 | 13.067 | VV | 1867   | 31749   | 0.80%   | 0.039% |
| 202 | 13.083 | 13.067 | 13.100 | VV | 2604   | 36672   | 0.92%   | 0.046% |
| 203 | 13.116 | 13.100 | 13.130 | VV | 3092   | 42629   | 1.07%   | 0.053% |
| 204 | 13.171 | 13.130 | 13.200 | VV | 334601 | 3971737 | 100.00% | 4.930% |
| 205 | 13.213 | 13.200 | 13.253 | VV | 5675   | 110479  | 2.78%   | 0.137% |
| 206 | 13.264 | 13.253 | 13.287 | VV | 1980   | 36222   | 0.91%   | 0.045% |
| 207 | 13.332 | 13.287 | 13.362 | VV | 24040  | 333171  | 8.39%   | 0.414% |
| 208 | 13.381 | 13.362 | 13.481 | VV | 3339   | 159430  | 4.01%   | 0.198% |
| 209 | 13.505 | 13.481 | 13.528 | VV | 2473   | 51831   | 1.30%   | 0.064% |
| 210 | 13.560 | 13.528 | 13.582 | VV | 5969   | 120061  | 3.02%   | 0.149% |
| 211 | 13.604 | 13.582 | 13.624 | VV | 4083   | 88162   | 2.22%   | 0.109% |
| 212 | 13.640 | 13.624 | 13.659 | VV | 3569   | 64290   | 1.62%   | 0.080% |
| 213 | 13.675 | 13.659 | 13.689 | VV | 3828   | 55542   | 1.40%   | 0.069% |
| 214 | 13.706 | 13.689 | 13.730 | VV | 4133   | 87656   | 2.21%   | 0.109% |
| 215 | 13.755 | 13.730 | 13.799 | VV | 6718   | 170032  | 4.28%   | 0.211% |
| 216 | 13.819 | 13.799 | 13.865 | VV | 4440   | 139062  | 3.50%   | 0.173% |
| 217 | 13.914 | 13.865 | 13.955 | VV | 22491  | 416468  | 10.49%  | 0.517% |
| 218 | 13.978 | 13.955 | 13.999 | VV | 5064   | 119131  | 3.00%   | 0.148% |
| 219 | 14.005 | 13.999 | 14.035 | VV | 5101   | 84562   | 2.13%   | 0.105% |
| 220 | 14.057 | 14.035 | 14.086 | VV | 4095   | 101922  | 2.57%   | 0.127% |
| 221 | 14.145 | 14.086 | 14.192 | VV | 8884   | 348772  | 8.78%   | 0.433% |
| 222 | 14.211 | 14.192 | 14.234 | VV | 5838   | 122336  | 3.08%   | 0.152% |
| 223 | 14.244 | 14.234 | 14.261 | VV | 5062   | 70870   | 1.78%   | 0.088% |
| 224 | 14.279 | 14.261 | 14.294 | VV | 6114   | 105551  | 2.66%   | 0.131% |
| 225 | 14.321 | 14.294 | 14.365 | VV | 7046   | 251889  | 6.34%   | 0.313% |
| 226 | 14.387 | 14.365 | 14.417 | VV | 4828   | 133246  | 3.35%   | 0.165% |
| 227 | 14.438 | 14.417 | 14.452 | VV | 5215   | 95398   | 2.40%   | 0.118% |
| 228 | 14.473 | 14.452 | 14.519 | VV | 22487  | 391350  | 9.85%   | 0.486% |
| 229 | 14.541 | 14.519 | 14.577 | VV | 6726   | 209100  | 5.26%   | 0.260% |
| 230 | 14.596 | 14.577 | 14.625 | VV | 7072   | 172245  | 4.34%   | 0.214% |
| 231 | 14.635 | 14.625 | 14.652 | VV | 5131   | 72769   | 1.83%   | 0.090% |
| 232 | 14.677 | 14.652 | 14.712 | VV | 8181   | 220350  | 5.55%   | 0.274% |
| 233 | 14.725 | 14.712 | 14.734 | VV | 6425   | 84928   | 2.14%   | 0.105% |
| 234 | 14.768 | 14.734 | 14.804 | VV | 9475   | 299615  | 7.54%   | 0.372% |
| 235 | 14.824 | 14.804 | 14.844 | VV | 6504   | 135516  | 3.41%   | 0.168% |
| 236 | 14.868 | 14.844 | 14.889 | VV | 7951   | 172022  | 4.33%   | 0.214% |
| 237 | 14.905 | 14.889 | 14.935 | VV | 7151   | 157471  | 3.96%   | 0.195% |
| 238 | 14.965 | 14.935 | 14.985 | VV | 6595   | 167912  | 4.23%   | 0.208% |
| 239 | 15.010 | 14.985 | 15.042 | VV | 23655  | 423206  | 10.66%  | 0.525% |
| 240 | 15.062 | 15.042 | 15.109 | VV | 8325   | 293905  | 7.40%   | 0.365% |
| 241 | 15.118 | 15.109 | 15.140 | VV | 6730   | 120272  | 3.03%   | 0.149% |
| 242 | 15.149 | 15.140 | 15.169 | VV | 6509   | 104500  | 2.63%   | 0.130% |
| 243 | 15.209 | 15.169 | 15.239 | VV | 9736   | 315707  | 7.95%   | 0.392% |
| 244 | 15.256 | 15.239 | 15.290 | VV | 9918   | 266278  | 6.70%   | 0.331% |
| 245 | 15.297 | 15.290 | 15.312 | VV | 8280   | 97884   | 2.46%   | 0.122% |
| 246 | 15.331 | 15.312 | 15.340 | VV | 7637   | 125842  | 3.17%   | 0.156% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.351 | 15.340 | 15.373 | VV | 8569   | 145332  | 3.66%  | 0.180% |
| 248 | 15.408 | 15.373 | 15.422 | VV | 8541   | 220126  | 5.54%  | 0.273% |
| 249 | 15.448 | 15.422 | 15.459 | VV | 10036  | 189233  | 4.76%  | 0.235% |
| 250 | 15.466 | 15.459 | 15.486 | VV | 10280  | 149747  | 3.77%  | 0.186% |
| 251 | 15.527 | 15.486 | 15.559 | VV | 26002  | 604168  | 15.21% | 0.750% |
| 252 | 15.581 | 15.559 | 15.605 | VV | 11772  | 279102  | 7.03%  | 0.346% |
| 253 | 15.614 | 15.605 | 15.671 | VV | 7902   | 284264  | 7.16%  | 0.353% |
| 254 | 15.723 | 15.671 | 15.742 | VV | 14597  | 497983  | 12.54% | 0.618% |
| 255 | 15.751 | 15.742 | 15.763 | VV | 12636  | 153499  | 3.86%  | 0.191% |
| 256 | 15.780 | 15.763 | 15.822 | VV | 13160  | 392308  | 9.88%  | 0.487% |
| 257 | 15.840 | 15.822 | 15.861 | VV | 13087  | 261374  | 6.58%  | 0.324% |
| 258 | 15.914 | 15.861 | 15.935 | VV | 26374  | 788541  | 19.85% | 0.979% |
| 259 | 15.954 | 15.935 | 15.977 | VV | 25677  | 448552  | 11.29% | 0.557% |
| 260 | 16.025 | 15.977 | 16.050 | VV | 42321  | 851087  | 21.43% | 1.056% |
| 261 | 16.066 | 16.050 | 16.082 | VV | 11505  | 206679  | 5.20%  | 0.257% |
| 262 | 16.118 | 16.082 | 16.141 | VV | 99577  | 1958065 | 49.30% | 2.431% |
| 263 | 16.159 | 16.141 | 16.187 | VV | 79488  | 1226675 | 30.89% | 1.523% |
| 264 | 16.216 | 16.187 | 16.290 | VV | 75715  | 1527652 | 38.46% | 1.896% |
| 265 | 16.320 | 16.290 | 16.379 | VV | 74801  | 1741447 | 43.85% | 2.162% |
| 266 | 16.425 | 16.379 | 16.450 | VV | 13662  | 442277  | 11.14% | 0.549% |
| 267 | 16.478 | 16.450 | 16.570 | VV | 92992  | 1896018 | 47.74% | 2.354% |
| 268 | 16.583 | 16.570 | 16.601 | VV | 6538   | 110946  | 2.79%  | 0.138% |
| 269 | 16.624 | 16.601 | 16.634 | VV | 7442   | 132754  | 3.34%  | 0.165% |
| 270 | 16.670 | 16.634 | 16.710 | VV | 66477  | 1142284 | 28.76% | 1.418% |
| 271 | 16.753 | 16.710 | 16.816 | VV | 103802 | 1784482 | 44.93% | 2.215% |
| 272 | 16.828 | 16.816 | 16.840 | VV | 8394   | 108636  | 2.74%  | 0.135% |
| 273 | 16.862 | 16.840 | 16.882 | VV | 8148   | 191310  | 4.82%  | 0.237% |
| 274 | 16.891 | 16.882 | 16.917 | VV | 7364   | 128443  | 3.23%  | 0.159% |
| 275 | 16.972 | 16.917 | 17.000 | VV | 22610  | 563576  | 14.19% | 0.700% |
| 276 | 17.013 | 17.000 | 17.034 | VV | 9094   | 155676  | 3.92%  | 0.193% |
| 277 | 17.054 | 17.034 | 17.063 | VV | 6558   | 102260  | 2.57%  | 0.127% |
| 278 | 17.086 | 17.063 | 17.100 | VV | 7851   | 154716  | 3.90%  | 0.192% |
| 279 | 17.120 | 17.100 | 17.170 | VV | 8952   | 314391  | 7.92%  | 0.390% |
| 280 | 17.186 | 17.170 | 17.207 | VV | 9305   | 177495  | 4.47%  | 0.220% |
| 281 | 17.242 | 17.207 | 17.277 | VV | 8831   | 307146  | 7.73%  | 0.381% |
| 282 | 17.313 | 17.277 | 17.320 | VV | 6584   | 160857  | 4.05%  | 0.200% |
| 283 | 17.327 | 17.320 | 17.360 | VV | 6424   | 141743  | 3.57%  | 0.176% |
| 284 | 17.380 | 17.360 | 17.392 | VV | 6666   | 115293  | 2.90%  | 0.143% |
| 285 | 17.419 | 17.392 | 17.457 | VV | 23723  | 448294  | 11.29% | 0.556% |
| 286 | 17.471 | 17.457 | 17.493 | VV | 5555   | 109836  | 2.77%  | 0.136% |
| 287 | 17.558 | 17.493 | 17.615 | VV | 9456   | 445464  | 11.22% | 0.553% |
| 288 | 17.637 | 17.615 | 17.660 | VV | 5868   | 136768  | 3.44%  | 0.170% |
| 289 | 17.700 | 17.660 | 17.724 | VV | 5725   | 177857  | 4.48%  | 0.221% |
| 290 | 17.740 | 17.724 | 17.754 | VV | 4685   | 83163   | 2.09%  | 0.103% |
| 291 | 17.779 | 17.754 | 17.805 | VV | 6627   | 167188  | 4.21%  | 0.208% |
| 292 | 17.854 | 17.805 | 17.909 | VV | 19297  | 477928  | 12.03% | 0.593% |
| 293 | 17.931 | 17.909 | 17.950 | VV | 4420   | 95909   | 2.41%  | 0.119% |
| 294 | 17.959 | 17.950 | 17.967 | VV | 3999   | 36570   | 0.92%  | 0.045% |
| 295 | 17.992 | 17.967 | 18.006 | VV | 5688   | 115020  | 2.90%  | 0.143% |
| 296 | 18.029 | 18.006 | 18.044 | VV | 8572   | 159366  | 4.01%  | 0.198% |
| 297 | 18.054 | 18.044 | 18.099 | VV | 6739   | 157969  | 3.98%  | 0.196% |
| 298 | 18.118 | 18.099 | 18.174 | VV | 4508   | 161440  | 4.06%  | 0.200% |
| 299 | 18.198 | 18.174 | 18.217 | VV | 4365   | 99594   | 2.51%  | 0.124% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 300 | 18.229 | 18.217 | 18.247 | VV | 4762   | 75667  | 1.91% | 0.094% |
| 301 | 18.274 | 18.247 | 18.317 | VV | 14817  | 284024 | 7.15% | 0.353% |
| 302 | 18.356 | 18.317 | 18.366 | VV | 3248   | 80065  | 2.02% | 0.099% |
| 303 | 18.394 | 18.366 | 18.450 | VV | 7947   | 206826 | 5.21% | 0.257% |
| 304 | 18.467 | 18.450 | 18.490 | VV | 2348   | 47104  | 1.19% | 0.058% |
| 305 | 18.498 | 18.490 | 18.505 | VV | 2060   | 16908  | 0.43% | 0.021% |
| 306 | 18.540 | 18.505 | 18.557 | VV | 3478   | 84495  | 2.13% | 0.105% |
| 307 | 18.563 | 18.557 | 18.616 | VV | 3178   | 75318  | 1.90% | 0.093% |
| 308 | 18.629 | 18.616 | 18.639 | VV | 1823   | 20538  | 0.52% | 0.025% |
| 309 | 18.683 | 18.639 | 18.714 | VV | 10296  | 190812 | 4.80% | 0.237% |
| 310 | 18.724 | 18.714 | 18.747 | VV | 1495   | 23386  | 0.59% | 0.029% |
| 311 | 18.761 | 18.747 | 18.783 | VV | 1499   | 27938  | 0.70% | 0.035% |
| 312 | 18.809 | 18.783 | 18.837 | VV | 4877   | 91574  | 2.31% | 0.114% |
| 313 | 18.862 | 18.837 | 18.890 | VV | 3803   | 81026  | 2.04% | 0.101% |
| 314 | 18.895 | 18.890 | 18.906 | VV | 1516   | 12410  | 0.31% | 0.015% |
| 315 | 18.960 | 18.906 | 19.025 | VV | 2297   | 114292 | 2.88% | 0.142% |
| 316 | 19.078 | 19.025 | 19.124 | VV | 7974   | 166416 | 4.19% | 0.207% |
| 317 | 19.141 | 19.124 | 19.177 | VV | 2502   | 52236  | 1.32% | 0.065% |
| 318 | 19.198 | 19.177 | 19.229 | VV | 2682   | 62923  | 1.58% | 0.078% |
| 319 | 19.237 | 19.229 | 19.248 | VV | 1506   | 15747  | 0.40% | 0.020% |
| 320 | 19.263 | 19.248 | 19.299 | VV | 2432   | 51284  | 1.29% | 0.064% |
| 321 | 19.313 | 19.299 | 19.354 | VV | 2114   | 50646  | 1.28% | 0.063% |
| 322 | 19.373 | 19.354 | 19.384 | VV | 1481   | 23836  | 0.60% | 0.030% |
| 323 | 19.389 | 19.384 | 19.397 | VV | 1395   | 9506   | 0.24% | 0.012% |
| 324 | 19.415 | 19.397 | 19.429 | VV | 1188   | 20561  | 0.52% | 0.026% |
| 325 | 19.460 | 19.429 | 19.550 | VV | 6253   | 204691 | 5.15% | 0.254% |
| 326 | 19.560 | 19.550 | 19.569 | VV | 2061   | 19465  | 0.49% | 0.024% |
| 327 | 19.574 | 19.569 | 19.582 | VV | 2402   | 16589  | 0.42% | 0.021% |
| 328 | 19.615 | 19.582 | 19.657 | VV | 2533   | 96378  | 2.43% | 0.120% |
| 329 | 19.678 | 19.657 | 19.686 | VV | 2091   | 33439  | 0.84% | 0.042% |
| 330 | 19.694 | 19.686 | 19.707 | VV | 2197   | 24428  | 0.62% | 0.030% |
| 331 | 19.721 | 19.707 | 19.740 | VV | 2305   | 42561  | 1.07% | 0.053% |
| 332 | 19.755 | 19.740 | 19.800 | VV | 2365   | 72599  | 1.83% | 0.090% |
| 333 | 19.835 | 19.800 | 19.864 | VV | 5562   | 143014 | 3.60% | 0.178% |
| 334 | 19.878 | 19.864 | 19.899 | VV | 3724   | 69775  | 1.76% | 0.087% |
| 335 | 19.909 | 19.899 | 19.934 | VV | 3158   | 59654  | 1.50% | 0.074% |
| 336 | 19.956 | 19.934 | 19.975 | VV | 3041   | 67781  | 1.71% | 0.084% |
| 337 | 19.999 | 19.975 | 20.015 | VV | 3354   | 72696  | 1.83% | 0.090% |
| 338 | 20.027 | 20.015 | 20.052 | VV | 3404   | 69533  | 1.75% | 0.086% |
| 339 | 20.095 | 20.052 | 20.117 | VV | 3707   | 133370 | 3.36% | 0.166% |
| 340 | 20.136 | 20.117 | 20.148 | VV | 3903   | 65383  | 1.65% | 0.081% |
| 341 | 20.166 | 20.148 | 20.179 | VV | 4246   | 72698  | 1.83% | 0.090% |
| 342 | 20.198 | 20.179 | 20.227 | VV | 6295   | 145520 | 3.66% | 0.181% |
| 343 | 20.233 | 20.227 | 20.245 | VV | 4548   | 46705  | 1.18% | 0.058% |
| 344 | 20.268 | 20.245 | 20.275 | VV | 4889   | 79586  | 2.00% | 0.099% |
| 345 | 20.295 | 20.275 | 20.322 | VV | 5670   | 142041 | 3.58% | 0.176% |
| 346 | 20.403 | 20.322 | 20.413 | VV | 6666   | 310853 | 7.83% | 0.386% |
| 347 | 20.431 | 20.413 | 20.450 | VV | 6770   | 142338 | 3.58% | 0.177% |
| 348 | 20.465 | 20.450 | 20.491 | VV | 6157   | 143203 | 3.61% | 0.178% |
| 349 | 20.502 | 20.491 | 20.526 | VV | 5912   | 119439 | 3.01% | 0.148% |
| 350 | 20.554 | 20.526 | 20.627 | VV | 7211   | 351857 | 8.86% | 0.437% |
| 351 | 20.660 | 20.627 | 20.675 | VV | 5703   | 157019 | 3.95% | 0.195% |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    |                         | rteres   |        |        |
| 352 | 20.694 | 20.675 | 20.720 | VV | 5949                    | 152278   | 3.83%  | 0.189% |
| 353 | 20.820 | 20.720 | 20.845 | VV | 6925                    | 438966   | 11.05% | 0.545% |
| 354 | 20.865 | 20.845 | 20.894 | VV | 6403                    | 173046   | 4.36%  | 0.215% |
| 355 | 20.952 | 20.894 | 21.012 | VV | 7011                    | 407950   | 10.27% | 0.506% |
| 356 | 21.059 | 21.012 | 21.136 | VV | 10407                   | 531683   | 13.39% | 0.660% |
| 357 | 21.158 | 21.136 | 21.232 | VV | 8229                    | 364051   | 9.17%  | 0.452% |
| 358 | 21.279 | 21.232 | 21.305 | VV | 8356                    | 270641   | 6.81%  | 0.336% |
| 359 | 21.326 | 21.305 | 21.354 | VV | 5933                    | 148566   | 3.74%  | 0.184% |
| 360 | 21.401 | 21.354 | 21.464 | VV | 11744                   | 514327   | 12.95% | 0.638% |
| 361 | 21.504 | 21.464 | 21.587 | VV | 11138                   | 493510   | 12.43% | 0.613% |
| 362 | 21.624 | 21.587 | 21.703 | VV | 9951                    | 378041   | 9.52%  | 0.469% |
| 363 | 21.749 | 21.703 | 21.810 | VV | 5078                    | 247300   | 6.23%  | 0.307% |
| 364 | 21.862 | 21.810 | 21.890 | VV | 10604                   | 326769   | 8.23%  | 0.406% |
| 365 | 21.927 | 21.890 | 21.972 | VV | 11022                   | 347002   | 8.74%  | 0.431% |
| 366 | 21.994 | 21.972 | 22.030 | VV | 2815                    | 57944    | 1.46%  | 0.072% |
|     |        |        |        |    | Sum of corrected areas: | 80557957 |        |        |

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