

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042020AL\  
 Data File : FD033040.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Apr 2020 14:30  
 Sample : L2245-14DL 5X  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 040720.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         | 3.319       | 3.255        | 3.335      | BV       | 2293           | 37589        | 2.78%          | 0.097%        |
| 2         | 3.343       | 3.335        | 3.380      | VV       | 625            | 6753         | 0.50%          | 0.017%        |
| 3         | 3.402       | 3.380        | 3.411      | PV       | 746            | 6353         | 0.47%          | 0.016%        |
| 4         | 3.425       | 3.411        | 3.437      | VV       | 1502           | 14645        | 1.08%          | 0.038%        |
| 5         | 3.448       | 3.437        | 3.465      | VV       | 1305           | 13080        | 0.97%          | 0.034%        |
| 6         | 3.494       | 3.465        | 3.528      | VV       | 1023           | 24589        | 1.82%          | 0.063%        |
| 7         | 3.540       | 3.528        | 3.548      | VV       | 538            | 4060         | 0.30%          | 0.010%        |
| 8         | 3.567       | 3.548        | 3.598      | VV       | 3114           | 46569        | 3.45%          | 0.120%        |
| 9         | 3.628       | 3.598        | 3.646      | VV       | 1531           | 22844        | 1.69%          | 0.059%        |
| 10        | 3.673       | 3.646        | 3.695      | VV       | 3131           | 47418        | 3.51%          | 0.122%        |
| 11        | 3.705       | 3.695        | 3.718      | VV       | 1623           | 19233        | 1.42%          | 0.049%        |
| 12        | 3.743       | 3.718        | 3.777      | VV       | 2722           | 49067        | 3.63%          | 0.126%        |
| 13        | 3.793       | 3.777        | 3.825      | VV       | 1803           | 24801        | 1.83%          | 0.064%        |
| 14        | 3.839       | 3.825        | 3.861      | VV       | 3057           | 26955        | 1.99%          | 0.069%        |
| 15        | 3.885       | 3.861        | 3.934      | VV       | 2206           | 46918        | 3.47%          | 0.121%        |
| 16        | 3.967       | 3.934        | 3.981      | VV       | 1295           | 21070        | 1.56%          | 0.054%        |
| 17        | 3.995       | 3.981        | 4.013      | VV       | 1578           | 21516        | 1.59%          | 0.055%        |
| 18        | 4.028       | 4.013        | 4.048      | VV       | 1951           | 27721        | 2.05%          | 0.071%        |
| 19        | 4.060       | 4.048        | 4.085      | VV       | 1875           | 21787        | 1.61%          | 0.056%        |
| 20        | 4.142       | 4.085        | 4.156      | VV       | 2024           | 43666        | 3.23%          | 0.112%        |
| 21        | 4.171       | 4.156        | 4.194      | VV       | 2602           | 33332        | 2.47%          | 0.086%        |
| 22        | 4.208       | 4.194        | 4.247      | VV       | 1266           | 18929        | 1.40%          | 0.049%        |
| 23        | 4.280       | 4.247        | 4.301      | PV       | 1742           | 26816        | 1.98%          | 0.069%        |
| 24        | 4.320       | 4.301        | 4.342      | VV       | 2283           | 32410        | 2.40%          | 0.083%        |
| 25        | 4.364       | 4.342        | 4.389      | VV       | 1715           | 30064        | 2.22%          | 0.077%        |
| 26        | 4.405       | 4.389        | 4.419      | VV       | 837            | 10769        | 0.80%          | 0.028%        |
| 27        | 4.434       | 4.419        | 4.458      | VV       | 1259           | 17138        | 1.27%          | 0.044%        |
| 28        | 4.471       | 4.458        | 4.494      | VV       | 702            | 9847         | 0.73%          | 0.025%        |
| 29        | 4.519       | 4.494        | 4.544      | VV       | 1909           | 32818        | 2.43%          | 0.084%        |
| 30        | 4.562       | 4.544        | 4.603      | VV       | 2653           | 54978        | 4.07%          | 0.141%        |
| 31        | 4.617       | 4.603        | 4.632      | VV       | 2394           | 25912        | 1.92%          | 0.067%        |
| 32        | 4.646       | 4.632        | 4.659      | VV       | 2016           | 21841        | 1.62%          | 0.056%        |
| 33        | 4.671       | 4.659        | 4.683      | VV       | 1549           | 18345        | 1.36%          | 0.047%        |
| 34        | 4.692       | 4.683        | 4.704      | VV       | 1376           | 14205        | 1.05%          | 0.037%        |
| 35        | 4.735       | 4.704        | 4.752      | VV       | 1802           | 36548        | 2.70%          | 0.094%        |
| 36        | 4.772       | 4.752        | 4.806      | VV       | 3371           | 55818        | 4.13%          | 0.144%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 4.835 | 4.806 | 4.860 | VV | 3522   | 45827 | 3.39% | 0.118% |
| 38 | 4.885 | 4.860 | 4.898 | VV | 925    | 15146 | 1.12% | 0.039% |
| 39 | 4.913 | 4.898 | 4.940 | VV | 905    | 15621 | 1.16% | 0.040% |
| 40 | 4.988 | 4.940 | 4.999 | PV | 1190   | 20806 | 1.54% | 0.054% |
| 41 | 5.007 | 4.999 | 5.031 | VV | 1094   | 12435 | 0.92% | 0.032% |
| 42 | 5.055 | 5.031 | 5.066 | VV | 1708   | 19061 | 1.41% | 0.049% |
| 43 | 5.081 | 5.066 | 5.143 | VV | 2861   | 55955 | 4.14% | 0.144% |
| 44 | 5.158 | 5.143 | 5.178 | VV | 542    | 8908  | 0.66% | 0.023% |
| 45 | 5.199 | 5.178 | 5.243 | VV | 1337   | 31774 | 2.35% | 0.082% |
| 46 | 5.259 | 5.243 | 5.273 | VV | 1199   | 15805 | 1.17% | 0.041% |
| 47 | 5.288 | 5.273 | 5.304 | VV | 2219   | 23686 | 1.75% | 0.061% |
| 48 | 5.319 | 5.304 | 5.338 | VV | 1223   | 19042 | 1.41% | 0.049% |
| 49 | 5.347 | 5.338 | 5.369 | VV | 779    | 10412 | 0.77% | 0.027% |
| 50 | 5.421 | 5.369 | 5.445 | VV | 2655   | 55956 | 4.14% | 0.144% |
| 51 | 5.464 | 5.445 | 5.502 | VV | 958    | 20360 | 1.51% | 0.052% |
| 52 | 5.522 | 5.502 | 5.554 | VV | 570    | 14139 | 1.05% | 0.036% |
| 53 | 5.579 | 5.554 | 5.601 | VV | 3506   | 46144 | 3.41% | 0.119% |
| 54 | 5.612 | 5.601 | 5.661 | VV | 842    | 24849 | 1.84% | 0.064% |
| 55 | 5.681 | 5.661 | 5.721 | VV | 2228   | 43616 | 3.23% | 0.112% |
| 56 | 5.737 | 5.721 | 5.752 | VV | 727    | 10323 | 0.76% | 0.027% |
| 57 | 5.768 | 5.752 | 5.778 | VV | 895    | 11172 | 0.83% | 0.029% |
| 58 | 5.801 | 5.778 | 5.828 | VV | 909    | 18626 | 1.38% | 0.048% |
| 59 | 5.850 | 5.828 | 5.875 | PV | 945    | 13871 | 1.03% | 0.036% |
| 60 | 5.905 | 5.875 | 5.925 | VV | 1248   | 24439 | 1.81% | 0.063% |
| 61 | 5.947 | 5.925 | 6.010 | VV | 4753   | 78540 | 5.81% | 0.202% |
| 62 | 6.042 | 6.010 | 6.058 | VV | 1058   | 19439 | 1.44% | 0.050% |
| 63 | 6.079 | 6.058 | 6.103 | VV | 1428   | 25486 | 1.89% | 0.066% |
| 64 | 6.121 | 6.103 | 6.148 | VV | 981    | 19056 | 1.41% | 0.049% |
| 65 | 6.159 | 6.148 | 6.170 | VV | 806    | 9112  | 0.67% | 0.023% |
| 66 | 6.183 | 6.170 | 6.198 | VV | 935    | 13217 | 0.98% | 0.034% |
| 67 | 6.209 | 6.198 | 6.232 | VV | 842    | 12775 | 0.95% | 0.033% |
| 68 | 6.253 | 6.232 | 6.271 | VV | 1042   | 14918 | 1.10% | 0.038% |
| 69 | 6.301 | 6.271 | 6.358 | VV | 1147   | 36968 | 2.74% | 0.095% |
| 70 | 6.371 | 6.358 | 6.381 | VV | 775    | 8064  | 0.60% | 0.021% |
| 71 | 6.390 | 6.381 | 6.421 | VV | 767    | 11469 | 0.85% | 0.029% |
| 72 | 6.433 | 6.421 | 6.437 | VV | 355    | 2884  | 0.21% | 0.007% |
| 73 | 6.462 | 6.437 | 6.476 | VV | 635    | 11007 | 0.81% | 0.028% |
| 74 | 6.519 | 6.476 | 6.538 | VV | 1915   | 32963 | 2.44% | 0.085% |
| 75 | 6.562 | 6.538 | 6.601 | VV | 1489   | 26951 | 1.99% | 0.069% |
| 76 | 6.651 | 6.601 | 6.666 | VV | 715    | 16246 | 1.20% | 0.042% |
| 77 | 6.695 | 6.666 | 6.720 | VV | 771    | 15930 | 1.18% | 0.041% |
| 78 | 6.770 | 6.720 | 6.798 | VV | 945    | 20719 | 1.53% | 0.053% |
| 79 | 6.829 | 6.798 | 6.845 | VV | 531    | 10785 | 0.80% | 0.028% |
| 80 | 6.869 | 6.845 | 6.879 | VV | 758    | 10371 | 0.77% | 0.027% |
| 81 | 6.891 | 6.879 | 6.908 | VV | 865    | 11701 | 0.87% | 0.030% |
| 82 | 6.929 | 6.908 | 6.958 | VV | 1018   | 18671 | 1.38% | 0.048% |
| 83 | 6.996 | 6.958 | 7.052 | VV | 3291   | 60122 | 4.45% | 0.155% |
| 84 | 7.070 | 7.052 | 7.108 | VV | 2423   | 40496 | 3.00% | 0.104% |
| 85 | 7.129 | 7.108 | 7.154 | VV | 3483   | 42532 | 3.15% | 0.109% |
| 86 | 7.170 | 7.154 | 7.229 | VV | 841    | 20138 | 1.49% | 0.052% |
| 87 | 7.289 | 7.229 | 7.321 | VV | 932    | 28247 | 2.09% | 0.073% |
| 88 | 7.339 | 7.321 | 7.365 | VV | 471    | 9301  | 0.69% | 0.024% |
| 89 | 7.379 | 7.365 | 7.404 | VV | 406    | 7069  | 0.52% | 0.018% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.422  | 7.404  | 7.434  | VV | 232    | 3620   | 0.27% | 0.009% |
| 91  | 7.464  | 7.434  | 7.498  | VV | 889    | 16649  | 1.23% | 0.043% |
| 92  | 7.517  | 7.498  | 7.532  | VV | 334    | 5367   | 0.40% | 0.014% |
| 93  | 7.717  | 7.687  | 7.789  | VV | 1451   | 40472  | 2.99% | 0.104% |
| 94  | 7.802  | 7.789  | 7.830  | VV | 336    | 6646   | 0.49% | 0.017% |
| 95  | 7.874  | 7.830  | 7.932  | VV | 1027   | 35052  | 2.59% | 0.090% |
| 96  | 7.979  | 7.932  | 8.023  | VV | 2729   | 57279  | 4.24% | 0.147% |
| 97  | 8.032  | 8.023  | 8.052  | VV | 473    | 7319   | 0.54% | 0.019% |
| 98  | 8.085  | 8.052  | 8.101  | VV | 3486   | 43770  | 3.24% | 0.113% |
| 99  | 8.113  | 8.101  | 8.135  | VV | 1953   | 25734  | 1.90% | 0.066% |
| 100 | 8.154  | 8.135  | 8.181  | VV | 1018   | 17315  | 1.28% | 0.045% |
| 101 | 8.219  | 8.181  | 8.241  | VV | 2693   | 42869  | 3.17% | 0.110% |
| 102 | 8.265  | 8.241  | 8.292  | VV | 1835   | 36099  | 2.67% | 0.093% |
| 103 | 8.316  | 8.292  | 8.336  | VV | 923    | 13689  | 1.01% | 0.035% |
| 104 | 8.357  | 8.336  | 8.387  | VV | 1007   | 15833  | 1.17% | 0.041% |
| 105 | 8.560  | 8.538  | 8.592  | VV | 8128   | 102068 | 7.55% | 0.262% |
| 106 | 8.610  | 8.592  | 8.637  | VV | 1558   | 25780  | 1.91% | 0.066% |
| 107 | 8.688  | 8.637  | 8.771  | VV | 1587   | 49305  | 3.65% | 0.127% |
| 108 | 8.800  | 8.771  | 8.817  | VV | 2078   | 28470  | 2.11% | 0.073% |
| 109 | 8.835  | 8.817  | 8.859  | VV | 2967   | 39405  | 2.92% | 0.101% |
| 110 | 8.870  | 8.859  | 8.912  | VV | 949    | 21171  | 1.57% | 0.054% |
| 111 | 8.921  | 8.912  | 8.944  | VV | 696    | 10461  | 0.77% | 0.027% |
| 112 | 8.970  | 8.944  | 8.991  | VV | 1840   | 26924  | 1.99% | 0.069% |
| 113 | 9.009  | 8.991  | 9.053  | VV | 1527   | 24391  | 1.80% | 0.063% |
| 114 | 9.062  | 9.053  | 9.082  | VV | 199    | 2373   | 0.18% | 0.006% |
| 115 | 9.123  | 9.082  | 9.141  | VV | 1484   | 19184  | 1.42% | 0.049% |
| 116 | 9.157  | 9.141  | 9.188  | VV | 1088   | 13942  | 1.03% | 0.036% |
| 117 | 9.206  | 9.188  | 9.225  | VV | 234    | 3053   | 0.23% | 0.008% |
| 118 | 9.258  | 9.225  | 9.285  | VV | 1370   | 21772  | 1.61% | 0.056% |
| 119 | 9.302  | 9.285  | 9.312  | VV | 352    | 4416   | 0.33% | 0.011% |
| 120 | 9.342  | 9.312  | 9.395  | VV | 6935   | 97031  | 7.18% | 0.250% |
| 121 | 9.419  | 9.395  | 9.445  | VV | 1610   | 25219  | 1.87% | 0.065% |
| 122 | 9.462  | 9.445  | 9.472  | VV | 1230   | 14478  | 1.07% | 0.037% |
| 123 | 9.491  | 9.472  | 9.531  | VV | 2915   | 47931  | 3.55% | 0.123% |
| 124 | 9.549  | 9.531  | 9.638  | VV | 1780   | 37682  | 2.79% | 0.097% |
| 125 | 9.663  | 9.638  | 9.702  | VV | 2117   | 36949  | 2.73% | 0.095% |
| 126 | 9.713  | 9.702  | 9.727  | VV | 693    | 8871   | 0.66% | 0.023% |
| 127 | 9.761  | 9.727  | 9.805  | VV | 2266   | 54160  | 4.01% | 0.139% |
| 128 | 9.822  | 9.805  | 9.838  | VV | 712    | 10679  | 0.79% | 0.027% |
| 129 | 9.855  | 9.838  | 9.882  | VV | 682    | 10574  | 0.78% | 0.027% |
| 130 | 9.925  | 9.882  | 9.994  | VV | 645    | 17989  | 1.33% | 0.046% |
| 131 | 10.025 | 9.994  | 10.041 | PV | 241    | 3121   | 0.23% | 0.008% |
| 132 | 10.080 | 10.041 | 10.109 | VV | 702    | 11704  | 0.87% | 0.030% |
| 133 | 10.135 | 10.109 | 10.165 | VV | 912    | 15711  | 1.16% | 0.040% |
| 134 | 10.219 | 10.165 | 10.242 | VV | 2775   | 57894  | 4.28% | 0.149% |
| 135 | 10.259 | 10.242 | 10.301 | VV | 2038   | 30877  | 2.28% | 0.079% |
| 136 | 10.334 | 10.301 | 10.375 | VV | 2296   | 45277  | 3.35% | 0.116% |
| 137 | 10.396 | 10.375 | 10.446 | VV | 2133   | 45735  | 3.38% | 0.118% |
| 138 | 10.504 | 10.446 | 10.518 | VV | 2125   | 49741  | 3.68% | 0.128% |
| 139 | 10.543 | 10.518 | 10.595 | VV | 4111   | 96031  | 7.10% | 0.247% |
| 140 | 10.607 | 10.595 | 10.620 | VV | 738    | 9076   | 0.67% | 0.023% |
| 141 | 10.635 | 10.620 | 10.652 | VV | 1099   | 13603  | 1.01% | 0.035% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.668 | 10.652 | 10.686 | VV | 568    | 9171    | 0.68%  | 0.024% |
| 143 | 10.735 | 10.686 | 10.786 | VV | 78753  | 894715  | 66.20% | 2.301% |
| 144 | 10.811 | 10.786 | 10.902 | VV | 17775  | 245196  | 18.14% | 0.631% |
| 145 | 10.913 | 10.902 | 10.940 | VV | 564    | 10218   | 0.76%  | 0.026% |
| 146 | 10.949 | 10.940 | 10.972 | VV | 321    | 4119    | 0.30%  | 0.011% |
| 147 | 10.995 | 10.972 | 11.012 | VV | 737    | 11708   | 0.87%  | 0.030% |
| 148 | 11.034 | 11.012 | 11.067 | VV | 3254   | 52260   | 3.87%  | 0.134% |
| 149 | 11.082 | 11.067 | 11.115 | VV | 797    | 18951   | 1.40%  | 0.049% |
| 150 | 11.132 | 11.115 | 11.151 | VV | 1025   | 17258   | 1.28%  | 0.044% |
| 151 | 11.178 | 11.151 | 11.196 | VV | 1121   | 21125   | 1.56%  | 0.054% |
| 152 | 11.226 | 11.196 | 11.237 | VV | 894    | 16297   | 1.21%  | 0.042% |
| 153 | 11.265 | 11.237 | 11.299 | VV | 3720   | 65382   | 4.84%  | 0.168% |
| 154 | 11.332 | 11.299 | 11.355 | VV | 1362   | 24040   | 1.78%  | 0.062% |
| 155 | 11.387 | 11.355 | 11.411 | VV | 2017   | 34363   | 2.54%  | 0.088% |
| 156 | 11.428 | 11.411 | 11.450 | VV | 1000   | 14147   | 1.05%  | 0.036% |
| 157 | 11.496 | 11.450 | 11.519 | VV | 89662  | 973997  | 72.06% | 2.505% |
| 158 | 11.534 | 11.519 | 11.549 | VV | 12751  | 142601  | 10.55% | 0.367% |
| 159 | 11.565 | 11.549 | 11.605 | VV | 14866  | 184177  | 13.63% | 0.474% |
| 160 | 11.648 | 11.605 | 11.666 | VV | 12524  | 203925  | 15.09% | 0.524% |
| 161 | 11.682 | 11.666 | 11.696 | VV | 9149   | 108717  | 8.04%  | 0.280% |
| 162 | 11.712 | 11.696 | 11.755 | VV | 12386  | 158696  | 11.74% | 0.408% |
| 163 | 11.792 | 11.755 | 11.807 | VV | 940    | 23250   | 1.72%  | 0.060% |
| 164 | 11.851 | 11.807 | 11.882 | VV | 1554   | 49205   | 3.64%  | 0.127% |
| 165 | 11.903 | 11.882 | 11.958 | VV | 3893   | 92914   | 6.87%  | 0.239% |
| 166 | 12.004 | 11.958 | 12.047 | VV | 7268   | 125850  | 9.31%  | 0.324% |
| 167 | 12.066 | 12.047 | 12.083 | VV | 1700   | 27355   | 2.02%  | 0.070% |
| 168 | 12.097 | 12.083 | 12.112 | VV | 1253   | 17142   | 1.27%  | 0.044% |
| 169 | 12.148 | 12.112 | 12.170 | VV | 2208   | 44769   | 3.31%  | 0.115% |
| 170 | 12.252 | 12.170 | 12.266 | VV | 2398   | 69863   | 5.17%  | 0.180% |
| 171 | 12.275 | 12.266 | 12.292 | VV | 1908   | 23318   | 1.73%  | 0.060% |
| 172 | 12.322 | 12.292 | 12.362 | VV | 3844   | 84437   | 6.25%  | 0.217% |
| 173 | 12.392 | 12.362 | 12.412 | VV | 3126   | 56672   | 4.19%  | 0.146% |
| 174 | 12.430 | 12.412 | 12.450 | VV | 9836   | 126850  | 9.39%  | 0.326% |
| 175 | 12.467 | 12.450 | 12.477 | VV | 4371   | 61148   | 4.52%  | 0.157% |
| 176 | 12.490 | 12.477 | 12.516 | VV | 5012   | 78584   | 5.81%  | 0.202% |
| 177 | 12.546 | 12.516 | 12.594 | VV | 102684 | 1198522 | 88.67% | 3.082% |
| 178 | 12.614 | 12.594 | 12.628 | VV | 986    | 14925   | 1.10%  | 0.038% |
| 179 | 12.644 | 12.628 | 12.660 | VV | 1040   | 15454   | 1.14%  | 0.040% |
| 180 | 12.704 | 12.660 | 12.715 | VV | 2638   | 50926   | 3.77%  | 0.131% |
| 181 | 12.732 | 12.715 | 12.748 | VV | 4498   | 57402   | 4.25%  | 0.148% |
| 182 | 12.761 | 12.748 | 12.812 | VV | 3212   | 65419   | 4.84%  | 0.168% |
| 183 | 12.842 | 12.812 | 12.884 | VV | 92126  | 1081987 | 80.05% | 2.783% |
| 184 | 12.928 | 12.884 | 12.964 | VV | 60460  | 855849  | 63.32% | 2.201% |
| 185 | 12.979 | 12.964 | 12.998 | VV | 1160   | 21754   | 1.61%  | 0.056% |
| 186 | 13.016 | 12.998 | 13.032 | VV | 3643   | 48593   | 3.60%  | 0.125% |
| 187 | 13.048 | 13.032 | 13.074 | VV | 3290   | 48796   | 3.61%  | 0.125% |
| 188 | 13.114 | 13.074 | 13.154 | VV | 4901   | 97591   | 7.22%  | 0.251% |
| 189 | 13.175 | 13.154 | 13.215 | VV | 2133   | 41976   | 3.11%  | 0.108% |
| 190 | 13.241 | 13.215 | 13.278 | PV | 3034   | 62367   | 4.61%  | 0.160% |
| 191 | 13.302 | 13.278 | 13.328 | VV | 6973   | 111378  | 8.24%  | 0.286% |
| 192 | 13.337 | 13.328 | 13.365 | VV | 1099   | 17156   | 1.27%  | 0.044% |
| 193 | 13.431 | 13.365 | 13.473 | VV | 16632  | 288347  | 21.33% | 0.742% |
| 194 | 13.497 | 13.473 | 13.514 | VV | 1922   | 28710   | 2.12%  | 0.074% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 13.538 | 13.514 | 13.558 | VV | 9786   | 126120 | 9.33%  | 0.324% |
| 196 | 13.577 | 13.558 | 13.601 | VV | 8533   | 116540 | 8.62%  | 0.300% |
| 197 | 13.617 | 13.601 | 13.646 | VV | 2776   | 50084  | 3.71%  | 0.129% |
| 198 | 13.705 | 13.646 | 13.727 | VV | 8374   | 190045 | 14.06% | 0.489% |
| 199 | 13.747 | 13.727 | 13.794 | VV | 6853   | 103869 | 7.68%  | 0.267% |
| 200 | 13.828 | 13.794 | 13.850 | VV | 1578   | 31400  | 2.32%  | 0.081% |
| 201 | 13.870 | 13.850 | 13.887 | VV | 842    | 15276  | 1.13%  | 0.039% |
| 202 | 13.907 | 13.887 | 13.928 | VV | 791    | 13923  | 1.03%  | 0.036% |
| 203 | 13.938 | 13.928 | 13.976 | VV | 588    | 11148  | 0.82%  | 0.029% |
| 204 | 14.015 | 13.976 | 14.058 | PV | 740    | 14834  | 1.10%  | 0.038% |
| 205 | 14.068 | 14.058 | 14.080 | VV | 231    | 1416   | 0.10%  | 0.004% |
| 206 | 14.133 | 14.080 | 14.149 | VV | 3228   | 78807  | 5.83%  | 0.203% |
| 207 | 14.169 | 14.149 | 14.200 | VV | 6152   | 94673  | 7.00%  | 0.243% |
| 208 | 14.238 | 14.200 | 14.254 | VV | 3186   | 55865  | 4.13%  | 0.144% |
| 209 | 14.266 | 14.254 | 14.314 | VV | 2446   | 47201  | 3.49%  | 0.121% |
| 210 | 14.341 | 14.314 | 14.378 | VV | 6948   | 115670 | 8.56%  | 0.297% |
| 211 | 14.403 | 14.378 | 14.428 | VV | 12306  | 177312 | 13.12% | 0.456% |
| 212 | 14.472 | 14.428 | 14.507 | VV | 5877   | 138590 | 10.25% | 0.356% |
| 213 | 14.525 | 14.507 | 14.543 | VV | 1603   | 23223  | 1.72%  | 0.060% |
| 214 | 14.562 | 14.543 | 14.571 | VV | 1297   | 18096  | 1.34%  | 0.047% |
| 215 | 14.590 | 14.571 | 14.641 | VV | 2433   | 48873  | 3.62%  | 0.126% |
| 216 | 14.669 | 14.641 | 14.684 | VV | 1975   | 23139  | 1.71%  | 0.060% |
| 217 | 14.713 | 14.684 | 14.734 | VV | 45482  | 560453 | 41.47% | 1.441% |
| 218 | 14.755 | 14.734 | 14.795 | VV | 43772  | 585272 | 43.30% | 1.505% |
| 219 | 14.806 | 14.795 | 14.838 | VV | 1142   | 19858  | 1.47%  | 0.051% |
| 220 | 14.875 | 14.838 | 14.930 | VV | 8693   | 153385 | 11.35% | 0.394% |
| 221 | 14.964 | 14.930 | 14.995 | VV | 1960   | 42710  | 3.16%  | 0.110% |
| 222 | 15.023 | 14.995 | 15.040 | PV | 3376   | 46017  | 3.40%  | 0.118% |
| 223 | 15.058 | 15.040 | 15.128 | VV | 2782   | 73637  | 5.45%  | 0.189% |
| 224 | 15.162 | 15.128 | 15.187 | VV | 1968   | 43940  | 3.25%  | 0.113% |
| 225 | 15.205 | 15.187 | 15.237 | VV | 1797   | 39462  | 2.92%  | 0.101% |
| 226 | 15.254 | 15.237 | 15.268 | VV | 1522   | 24023  | 1.78%  | 0.062% |
| 227 | 15.295 | 15.268 | 15.322 | VV | 3376   | 68919  | 5.10%  | 0.177% |
| 228 | 15.342 | 15.322 | 15.358 | VV | 2449   | 37030  | 2.74%  | 0.095% |
| 229 | 15.385 | 15.358 | 15.406 | VV | 12032  | 159302 | 11.79% | 0.410% |
| 230 | 15.423 | 15.406 | 15.452 | VV | 5477   | 80941  | 5.99%  | 0.208% |
| 231 | 15.471 | 15.452 | 15.486 | VV | 2432   | 35969  | 2.66%  | 0.093% |
| 232 | 15.545 | 15.486 | 15.584 | VV | 5895   | 179294 | 13.27% | 0.461% |
| 233 | 15.620 | 15.584 | 15.648 | VV | 2633   | 51954  | 3.84%  | 0.134% |
| 234 | 15.663 | 15.648 | 15.687 | VV | 842    | 12979  | 0.96%  | 0.033% |
| 235 | 15.708 | 15.687 | 15.735 | PV | 2375   | 30172  | 2.23%  | 0.078% |
| 236 | 15.792 | 15.735 | 15.862 | VV | 3454   | 97415  | 7.21%  | 0.251% |
| 237 | 15.885 | 15.862 | 15.901 | VV | 656    | 9487   | 0.70%  | 0.024% |
| 238 | 15.917 | 15.901 | 15.928 | VV | 575    | 6735   | 0.50%  | 0.017% |
| 239 | 15.946 | 15.928 | 15.955 | VV | 532    | 7088   | 0.52%  | 0.018% |
| 240 | 15.984 | 15.955 | 16.000 | VV | 2048   | 36373  | 2.69%  | 0.094% |
| 241 | 16.017 | 16.000 | 16.038 | VV | 2115   | 33213  | 2.46%  | 0.085% |
| 242 | 16.060 | 16.038 | 16.074 | VV | 2588   | 39865  | 2.95%  | 0.103% |
| 243 | 16.086 | 16.074 | 16.106 | VV | 2286   | 34805  | 2.58%  | 0.090% |
| 244 | 16.181 | 16.106 | 16.223 | VV | 3639   | 137244 | 10.15% | 0.353% |
| 245 | 16.268 | 16.223 | 16.338 | VV | 49240  | 953386 | 70.54% | 2.452% |
| 246 | 16.348 | 16.338 | 16.375 | VV | 1877   | 36785  | 2.72%  | 0.095% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.399 | 16.375 | 16.422 | VV | 9709   | 144030  | 10.66% | 0.370% |
| 248 | 16.435 | 16.422 | 16.478 | VV | 3071   | 77450   | 5.73%  | 0.199% |
| 249 | 16.493 | 16.478 | 16.503 | VV | 2038   | 29123   | 2.15%  | 0.075% |
| 250 | 16.521 | 16.503 | 16.531 | VV | 2910   | 41748   | 3.09%  | 0.107% |
|     |        |        |        |    |        |         |        |        |
| 251 | 16.588 | 16.531 | 16.617 | VV | 29745  | 498424  | 36.88% | 1.282% |
| 252 | 16.646 | 16.617 | 16.692 | VV | 39261  | 568456  | 42.06% | 1.462% |
| 253 | 16.746 | 16.692 | 16.778 | VV | 13630  | 302925  | 22.41% | 0.779% |
| 254 | 16.801 | 16.778 | 16.836 | VV | 4478   | 120578  | 8.92%  | 0.310% |
| 255 | 16.888 | 16.836 | 16.935 | VV | 4831   | 227688  | 16.85% | 0.586% |
|     |        |        |        |    |        |         |        |        |
| 256 | 16.950 | 16.935 | 16.968 | VV | 3616   | 63356   | 4.69%  | 0.163% |
| 257 | 17.011 | 16.968 | 17.088 | VV | 6647   | 321668  | 23.80% | 0.827% |
| 258 | 17.148 | 17.088 | 17.158 | VV | 5661   | 169325  | 12.53% | 0.435% |
| 259 | 17.184 | 17.158 | 17.211 | VV | 9057   | 200124  | 14.81% | 0.515% |
| 260 | 17.232 | 17.211 | 17.248 | VV | 4986   | 94705   | 7.01%  | 0.244% |
|     |        |        |        |    |        |         |        |        |
| 261 | 17.260 | 17.248 | 17.279 | VV | 4496   | 72406   | 5.36%  | 0.186% |
| 262 | 17.304 | 17.279 | 17.328 | VV | 6388   | 139056  | 10.29% | 0.358% |
| 263 | 17.341 | 17.328 | 17.380 | VV | 4000   | 108113  | 8.00%  | 0.278% |
| 264 | 17.407 | 17.380 | 17.438 | VV | 3786   | 116300  | 8.60%  | 0.299% |
| 265 | 17.455 | 17.438 | 17.475 | VV | 3358   | 70612   | 5.22%  | 0.182% |
|     |        |        |        |    |        |         |        |        |
| 266 | 17.487 | 17.475 | 17.498 | VV | 3199   | 43098   | 3.19%  | 0.111% |
| 267 | 17.519 | 17.498 | 17.539 | VV | 3558   | 80124   | 5.93%  | 0.206% |
| 268 | 17.621 | 17.539 | 17.657 | VV | 10773  | 379378  | 28.07% | 0.976% |
| 269 | 17.731 | 17.657 | 17.749 | VV | 5807   | 262071  | 19.39% | 0.674% |
| 270 | 17.792 | 17.749 | 17.835 | VV | 7000   | 295058  | 21.83% | 0.759% |
|     |        |        |        |    |        |         |        |        |
| 271 | 17.877 | 17.835 | 17.894 | VV | 4862   | 165523  | 12.25% | 0.426% |
| 272 | 17.922 | 17.894 | 17.981 | VV | 11007  | 348634  | 25.79% | 0.897% |
| 273 | 18.014 | 17.981 | 18.081 | VV | 25649  | 747715  | 55.32% | 1.923% |
| 274 | 18.098 | 18.081 | 18.116 | VV | 7452   | 139692  | 10.34% | 0.359% |
| 275 | 18.145 | 18.116 | 18.162 | VV | 11261  | 231082  | 17.10% | 0.594% |
|     |        |        |        |    |        |         |        |        |
| 276 | 18.177 | 18.162 | 18.232 | VV | 9386   | 292844  | 21.67% | 0.753% |
| 277 | 18.267 | 18.232 | 18.328 | VV | 25828  | 582730  | 43.11% | 1.499% |
| 278 | 18.349 | 18.328 | 18.370 | VV | 7358   | 170544  | 12.62% | 0.439% |
| 279 | 18.401 | 18.370 | 18.425 | VV | 11975  | 284340  | 21.04% | 0.731% |
| 280 | 18.449 | 18.425 | 18.481 | VV | 12846  | 298558  | 22.09% | 0.768% |
|     |        |        |        |    |        |         |        |        |
| 281 | 18.502 | 18.481 | 18.528 | VV | 7012   | 188324  | 13.93% | 0.484% |
| 282 | 18.551 | 18.528 | 18.564 | VV | 7838   | 156141  | 11.55% | 0.402% |
| 283 | 18.581 | 18.564 | 18.592 | VV | 7871   | 128945  | 9.54%  | 0.332% |
| 284 | 18.604 | 18.592 | 18.628 | VV | 7938   | 166869  | 12.35% | 0.429% |
| 285 | 18.652 | 18.628 | 18.665 | VV | 7926   | 172761  | 12.78% | 0.444% |
|     |        |        |        |    |        |         |        |        |
| 286 | 18.701 | 18.665 | 18.721 | VV | 9696   | 289136  | 21.39% | 0.744% |
| 287 | 18.778 | 18.721 | 18.811 | VV | 10237  | 497393  | 36.80% | 1.279% |
| 288 | 18.845 | 18.811 | 18.896 | VV | 14472  | 558041  | 41.29% | 1.435% |
| 289 | 18.906 | 18.896 | 18.918 | VV | 9918   | 128773  | 9.53%  | 0.331% |
| 290 | 18.951 | 18.918 | 19.022 | VV | 11406  | 643280  | 47.59% | 1.654% |
|     |        |        |        |    |        |         |        |        |
| 291 | 19.134 | 19.022 | 19.169 | VV | 10910  | 904694  | 66.93% | 2.327% |
| 292 | 19.229 | 19.169 | 19.252 | VV | 15112  | 596765  | 44.15% | 1.535% |
| 293 | 19.282 | 19.252 | 19.303 | VV | 12687  | 372136  | 27.53% | 0.957% |
| 294 | 19.372 | 19.303 | 19.384 | VV | 13507  | 622923  | 46.09% | 1.602% |
| 295 | 19.422 | 19.384 | 19.455 | VV | 20908  | 700074  | 51.80% | 1.800% |
|     |        |        |        |    |        |         |        |        |
| 296 | 19.488 | 19.455 | 19.524 | VV | 21387  | 728948  | 53.93% | 1.875% |
| 297 | 19.600 | 19.524 | 19.656 | VV | 18705  | 1325987 | 98.10% | 3.410% |
| 298 | 19.706 | 19.656 | 19.738 | VV | 17722  | 814837  | 60.29% | 2.096% |
| 299 | 19.798 | 19.738 | 19.840 | VV | 25878  | 1218336 | 90.14% | 3.133% |

|     |        |        |        |    |                         |          |         |        |
|-----|--------|--------|--------|----|-------------------------|----------|---------|--------|
|     |        |        |        |    | rteres                  |          |         |        |
| 300 | 19.870 | 19.840 | 19.888 | VV | 21346                   | 575470   | 42.58%  | 1.480% |
| 301 | 19.900 | 19.888 | 19.922 | VV | 20232                   | 400625   | 29.64%  | 1.030% |
| 302 | 19.963 | 19.922 | 19.992 | VV | 22503                   | 887653   | 65.67%  | 2.283% |
| 303 | 20.081 | 19.992 | 20.098 | VV | 21688                   | 1351616  | 100.00% | 3.476% |
| 304 | 20.144 | 20.098 | 20.155 | VV | 22678                   | 753663   | 55.76%  | 1.938% |
|     |        |        |        |    | Sum of corrected areas: | 38884570 |         |        |

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