

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102819AL\  
 Data File : FC044225.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Oct 2019 18:40  
 Sample : K5140-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.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         | 3.439       | 3.402        | 3.452      | BV       | 2700           | 24791        | 0.62%          | 0.018%        |
| 2         | 3.463       | 3.452        | 3.479      | VV       | 1717           | 15349        | 0.38%          | 0.011%        |
| 3         | 3.492       | 3.479        | 3.525      | VV       | 655            | 6159         | 0.15%          | 0.004%        |
| 4         | 3.544       | 3.525        | 3.555      | PV       | 254            | 3093         | 0.08%          | 0.002%        |
| 5         | 3.570       | 3.555        | 3.585      | VV       | 913            | 10039        | 0.25%          | 0.007%        |
| 6         | 3.594       | 3.585        | 3.610      | VV       | 679            | 6404         | 0.16%          | 0.005%        |
| 7         | 3.644       | 3.610        | 3.674      | VV       | 838            | 17226        | 0.43%          | 0.012%        |
| 8         | 3.688       | 3.674        | 3.697      | VV       | 649            | 5951         | 0.15%          | 0.004%        |
| 9         | 3.714       | 3.697        | 3.744      | VV       | 2500           | 37753        | 0.95%          | 0.027%        |
| 10        | 3.775       | 3.744        | 3.790      | VV       | 1029           | 18517        | 0.46%          | 0.013%        |
| 11        | 3.817       | 3.790        | 3.864      | VV       | 2472           | 53370        | 1.34%          | 0.038%        |
| 12        | 3.892       | 3.864        | 3.905      | VV       | 2024           | 29341        | 0.73%          | 0.021%        |
| 13        | 3.914       | 3.905        | 3.927      | VV       | 1057           | 9457         | 0.24%          | 0.007%        |
| 14        | 3.942       | 3.927        | 3.979      | VV       | 1984           | 31433        | 0.79%          | 0.023%        |
| 15        | 3.993       | 3.979        | 4.007      | VV       | 1601           | 13641        | 0.34%          | 0.010%        |
| 16        | 4.026       | 4.007        | 4.077      | VV       | 2989           | 64644        | 1.62%          | 0.047%        |
| 17        | 4.090       | 4.077        | 4.103      | VV       | 3801           | 33001        | 0.83%          | 0.024%        |
| 18        | 4.118       | 4.103        | 4.132      | VV       | 3544           | 39193        | 0.98%          | 0.028%        |
| 19        | 4.144       | 4.132        | 4.162      | VV       | 2701           | 30052        | 0.75%          | 0.022%        |
| 20        | 4.212       | 4.162        | 4.235      | VV       | 3565           | 72306        | 1.81%          | 0.052%        |
| 21        | 4.285       | 4.235        | 4.311      | VV       | 3491           | 70240        | 1.76%          | 0.051%        |
| 22        | 4.325       | 4.311        | 4.352      | VV       | 3293           | 48429        | 1.21%          | 0.035%        |
| 23        | 4.364       | 4.352        | 4.404      | VV       | 1587           | 28350        | 0.71%          | 0.020%        |
| 24        | 4.436       | 4.404        | 4.454      | PV       | 1654           | 27375        | 0.69%          | 0.020%        |
| 25        | 4.476       | 4.454        | 4.495      | VV       | 2727           | 36505        | 0.91%          | 0.026%        |
| 26        | 4.517       | 4.495        | 4.542      | VV       | 8936           | 99254        | 2.49%          | 0.071%        |
| 27        | 4.564       | 4.542        | 4.579      | VV       | 4414           | 45667        | 1.14%          | 0.033%        |
| 28        | 4.592       | 4.579        | 4.654      | VV       | 2071           | 50875        | 1.27%          | 0.037%        |
| 29        | 4.674       | 4.654        | 4.709      | VV       | 2605           | 53761        | 1.35%          | 0.039%        |
| 30        | 4.723       | 4.709        | 4.736      | VV       | 3247           | 38091        | 0.95%          | 0.027%        |
| 31        | 4.745       | 4.736        | 4.758      | VV       | 2315           | 27365        | 0.69%          | 0.020%        |
| 32        | 4.773       | 4.758        | 4.792      | VV       | 5224           | 53541        | 1.34%          | 0.039%        |
| 33        | 4.806       | 4.792        | 4.817      | VV       | 4039           | 41349        | 1.04%          | 0.030%        |
| 34        | 4.826       | 4.817        | 4.838      | VV       | 3115           | 33542        | 0.84%          | 0.024%        |
| 35        | 4.852       | 4.838        | 4.882      | VV       | 4055           | 73763        | 1.85%          | 0.053%        |
| 36        | 4.899       | 4.882        | 4.915      | VV       | 5623           | 67689        | 1.69%          | 0.049%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.935 | 4.915 | 4.959 | VV | 6534   | 92328  | 2.31% | 0.066% |
| 38 | 4.975 | 4.959 | 4.984 | VV | 4395   | 45592  | 1.14% | 0.033% |
| 39 | 5.000 | 4.984 | 5.019 | VV | 7166   | 85379  | 2.14% | 0.061% |
| 40 | 5.050 | 5.019 | 5.064 | VV | 4305   | 68480  | 1.71% | 0.049% |
| 41 | 5.074 | 5.064 | 5.103 | VV | 2340   | 39498  | 0.99% | 0.028% |
| 42 | 5.130 | 5.103 | 5.141 | VV | 3624   | 44366  | 1.11% | 0.032% |
| 43 | 5.161 | 5.141 | 5.189 | VV | 6484   | 114984 | 2.88% | 0.083% |
| 44 | 5.219 | 5.189 | 5.230 | VV | 4967   | 84236  | 2.11% | 0.061% |
| 45 | 5.243 | 5.230 | 5.254 | VV | 5708   | 59203  | 1.48% | 0.043% |
| 46 | 5.264 | 5.254 | 5.286 | VV | 5222   | 68815  | 1.72% | 0.050% |
| 47 | 5.295 | 5.286 | 5.309 | VV | 2173   | 21838  | 0.55% | 0.016% |
| 48 | 5.330 | 5.309 | 5.342 | VV | 1381   | 22397  | 0.56% | 0.016% |
| 49 | 5.365 | 5.342 | 5.412 | VV | 4368   | 119721 | 3.00% | 0.086% |
| 50 | 5.435 | 5.412 | 5.447 | VV | 5879   | 91105  | 2.28% | 0.066% |
| 51 | 5.455 | 5.447 | 5.474 | VV | 4785   | 58438  | 1.46% | 0.042% |
| 52 | 5.487 | 5.474 | 5.500 | VV | 3277   | 44176  | 1.11% | 0.032% |
| 53 | 5.515 | 5.500 | 5.538 | VV | 4256   | 63227  | 1.58% | 0.046% |
| 54 | 5.561 | 5.538 | 5.579 | VV | 16257  | 196980 | 4.93% | 0.142% |
| 55 | 5.595 | 5.579 | 5.619 | VV | 12884  | 158691 | 3.97% | 0.114% |
| 56 | 5.635 | 5.619 | 5.671 | VV | 3864   | 71912  | 1.80% | 0.052% |
| 57 | 5.697 | 5.671 | 5.710 | VV | 2586   | 48218  | 1.21% | 0.035% |
| 58 | 5.719 | 5.710 | 5.732 | VV | 2408   | 27659  | 0.69% | 0.020% |
| 59 | 5.753 | 5.732 | 5.791 | VV | 12058  | 184037 | 4.61% | 0.132% |
| 60 | 5.808 | 5.791 | 5.819 | VV | 3011   | 44553  | 1.12% | 0.032% |
| 61 | 5.849 | 5.819 | 5.886 | VV | 11803  | 260777 | 6.53% | 0.188% |
| 62 | 5.905 | 5.886 | 5.922 | VV | 6171   | 91876  | 2.30% | 0.066% |
| 63 | 5.942 | 5.922 | 5.957 | VV | 10163  | 136511 | 3.42% | 0.098% |
| 64 | 5.973 | 5.957 | 5.999 | VV | 6255   | 111586 | 2.79% | 0.080% |
| 65 | 6.018 | 5.999 | 6.043 | VV | 7367   | 103026 | 2.58% | 0.074% |
| 66 | 6.067 | 6.043 | 6.090 | VV | 8218   | 141530 | 3.54% | 0.102% |
| 67 | 6.119 | 6.090 | 6.137 | VV | 9396   | 154279 | 3.86% | 0.111% |
| 68 | 6.161 | 6.137 | 6.181 | VV | 6573   | 122663 | 3.07% | 0.088% |
| 69 | 6.204 | 6.181 | 6.230 | VV | 7351   | 127797 | 3.20% | 0.092% |
| 70 | 6.261 | 6.230 | 6.279 | VV | 9600   | 186495 | 4.67% | 0.134% |
| 71 | 6.297 | 6.279 | 6.320 | VV | 6129   | 124814 | 3.13% | 0.090% |
| 72 | 6.335 | 6.320 | 6.350 | VV | 6938   | 96876  | 2.43% | 0.070% |
| 73 | 6.388 | 6.350 | 6.410 | VV | 8309   | 195456 | 4.89% | 0.141% |
| 74 | 6.428 | 6.410 | 6.447 | VV | 6646   | 105082 | 2.63% | 0.076% |
| 75 | 6.488 | 6.447 | 6.517 | VV | 9677   | 251974 | 6.31% | 0.181% |
| 76 | 6.545 | 6.517 | 6.560 | VV | 16896  | 234286 | 5.87% | 0.169% |
| 77 | 6.569 | 6.560 | 6.600 | VV | 7970   | 124277 | 3.11% | 0.089% |
| 78 | 6.638 | 6.600 | 6.649 | VV | 4458   | 115269 | 2.89% | 0.083% |
| 79 | 6.665 | 6.649 | 6.677 | VV | 6194   | 89244  | 2.23% | 0.064% |
| 80 | 6.695 | 6.677 | 6.715 | VV | 12740  | 185424 | 4.64% | 0.133% |
| 81 | 6.746 | 6.715 | 6.788 | VV | 9181   | 256426 | 6.42% | 0.185% |
| 82 | 6.828 | 6.788 | 6.849 | VV | 11613  | 242825 | 6.08% | 0.175% |
| 83 | 6.886 | 6.849 | 6.918 | VV | 8318   | 246840 | 6.18% | 0.178% |
| 84 | 6.954 | 6.918 | 6.977 | VV | 20111  | 325424 | 8.15% | 0.234% |
| 85 | 7.022 | 6.977 | 7.035 | VV | 7269   | 190918 | 4.78% | 0.137% |
| 86 | 7.064 | 7.035 | 7.090 | VV | 9016   | 243327 | 6.09% | 0.175% |
| 87 | 7.110 | 7.090 | 7.135 | VV | 11994  | 212800 | 5.33% | 0.153% |
| 88 | 7.152 | 7.135 | 7.166 | VV | 8455   | 132988 | 3.33% | 0.096% |
| 89 | 7.184 | 7.166 | 7.234 | VV | 13161  | 328259 | 8.22% | 0.236% |

|     |       |       |       |    |        |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 90  | 7.251 | 7.234 | 7.267 | VV | 15686  | 209030 | 5.23%  | 0.150% |
| 91  | 7.275 | 7.267 | 7.295 | VV | 8945   | 119730 | 3.00%  | 0.086% |
| 92  | 7.312 | 7.295 | 7.337 | VV | 9118   | 172013 | 4.31%  | 0.124% |
| 93  | 7.354 | 7.337 | 7.375 | VV | 7988   | 142557 | 3.57%  | 0.103% |
| 94  | 7.397 | 7.375 | 7.420 | VV | 5838   | 144633 | 3.62%  | 0.104% |
| 95  | 7.471 | 7.420 | 7.505 | VV | 22673  | 543456 | 13.61% | 0.391% |
| 96  | 7.522 | 7.505 | 7.620 | VV | 7934   | 427363 | 10.70% | 0.308% |
| 97  | 7.650 | 7.620 | 7.691 | VV | 12519  | 340177 | 8.52%  | 0.245% |
| 98  | 7.706 | 7.691 | 7.724 | VV | 7662   | 118740 | 2.97%  | 0.085% |
| 99  | 7.733 | 7.724 | 7.740 | VV | 5027   | 47103  | 1.18%  | 0.034% |
| 100 | 7.748 | 7.740 | 7.759 | VV | 4901   | 54372  | 1.36%  | 0.039% |
| 101 | 7.840 | 7.829 | 7.855 | VV | 6923   | 100478 | 2.52%  | 0.072% |
| 102 | 7.865 | 7.855 | 7.877 | VV | 6699   | 82432  | 2.06%  | 0.059% |
| 103 | 7.923 | 7.877 | 7.937 | VV | 8273   | 261717 | 6.55%  | 0.188% |
| 104 | 7.950 | 7.937 | 7.969 | VV | 8083   | 133245 | 3.34%  | 0.096% |
| 105 | 7.995 | 7.969 | 8.017 | VV | 10369  | 193666 | 4.85%  | 0.139% |
| 106 | 8.041 | 8.017 | 8.065 | VV | 10224  | 205114 | 5.14%  | 0.148% |
| 107 | 8.091 | 8.065 | 8.140 | VV | 10432  | 330588 | 8.28%  | 0.238% |
| 108 | 8.167 | 8.140 | 8.188 | VV | 17453  | 270497 | 6.77%  | 0.195% |
| 109 | 8.199 | 8.188 | 8.210 | VV | 6145   | 76341  | 1.91%  | 0.055% |
| 110 | 8.219 | 8.210 | 8.244 | VV | 6067   | 111546 | 2.79%  | 0.080% |
| 111 | 8.260 | 8.244 | 8.294 | VV | 8253   | 200351 | 5.02%  | 0.144% |
| 112 | 8.307 | 8.294 | 8.320 | VV | 7910   | 110979 | 2.78%  | 0.080% |
| 113 | 8.344 | 8.320 | 8.377 | VV | 19395  | 358046 | 8.96%  | 0.258% |
| 114 | 8.407 | 8.377 | 8.427 | VV | 21552  | 340737 | 8.53%  | 0.245% |
| 115 | 8.460 | 8.427 | 8.480 | VV | 7909   | 207945 | 5.21%  | 0.150% |
| 116 | 8.517 | 8.480 | 8.530 | VV | 7918   | 175850 | 4.40%  | 0.127% |
| 117 | 8.539 | 8.530 | 8.554 | VV | 5981   | 76166  | 1.91%  | 0.055% |
| 118 | 8.574 | 8.554 | 8.610 | VV | 7544   | 186016 | 4.66%  | 0.134% |
| 119 | 8.709 | 8.692 | 8.735 | VV | 6564   | 154964 | 3.88%  | 0.112% |
| 120 | 8.765 | 8.735 | 8.781 | VV | 6472   | 159596 | 4.00%  | 0.115% |
| 121 | 8.811 | 8.781 | 8.827 | VV | 6497   | 155743 | 3.90%  | 0.112% |
| 122 | 8.835 | 8.827 | 8.847 | VV | 5565   | 62673  | 1.57%  | 0.045% |
| 123 | 8.883 | 8.847 | 8.910 | VV | 16332  | 293373 | 7.35%  | 0.211% |
| 124 | 8.933 | 8.910 | 8.949 | VV | 5052   | 94438  | 2.36%  | 0.068% |
| 125 | 8.966 | 8.949 | 8.982 | VV | 4544   | 76494  | 1.92%  | 0.055% |
| 126 | 8.999 | 8.982 | 9.019 | VV | 4632   | 89578  | 2.24%  | 0.064% |
| 127 | 9.032 | 9.019 | 9.077 | VV | 4866   | 131810 | 3.30%  | 0.095% |
| 128 | 9.110 | 9.077 | 9.136 | VV | 5006   | 137930 | 3.45%  | 0.099% |
| 129 | 9.168 | 9.136 | 9.239 | VV | 12415  | 294996 | 7.39%  | 0.212% |
| 130 | 9.254 | 9.239 | 9.286 | VV | 4065   | 84672  | 2.12%  | 0.061% |
| 131 | 9.324 | 9.286 | 9.340 | VV | 2987   | 82463  | 2.06%  | 0.059% |
| 132 | 9.358 | 9.340 | 9.389 | VV | 2527   | 65532  | 1.64%  | 0.047% |
| 133 | 9.405 | 9.389 | 9.420 | VV | 2813   | 45295  | 1.13%  | 0.033% |
| 134 | 9.460 | 9.420 | 9.482 | VV | 3019   | 87165  | 2.18%  | 0.063% |
| 135 | 9.497 | 9.482 | 9.522 | VV | 2726   | 53344  | 1.34%  | 0.038% |
| 136 | 9.545 | 9.522 | 9.565 | VV | 4851   | 84133  | 2.11%  | 0.061% |
| 137 | 9.573 | 9.565 | 9.599 | VV | 2932   | 49027  | 1.23%  | 0.035% |
| 138 | 9.626 | 9.599 | 9.652 | VV | 4393   | 94747  | 2.37%  | 0.068% |
| 139 | 9.669 | 9.652 | 9.690 | VV | 2356   | 45791  | 1.15%  | 0.033% |
| 140 | 9.706 | 9.690 | 9.715 | VV | 2345   | 31121  | 0.78%  | 0.022% |
| 141 | 9.726 | 9.715 | 9.764 | VV | 2322   | 48642  | 1.22%  | 0.035% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 9.788  | 9.764  | 9.817  | VV | 1414   | 38125   | 0.95%   | 0.027% |
| 143 | 9.841  | 9.817  | 9.849  | VV | 1067   | 17829   | 0.45%   | 0.013% |
| 144 | 9.867  | 9.849  | 9.880  | VV | 1938   | 30173   | 0.76%   | 0.022% |
| 145 | 9.907  | 9.880  | 9.929  | VV | 2437   | 57860   | 1.45%   | 0.042% |
| 146 | 9.949  | 9.929  | 10.002 | VV | 6191   | 110560  | 2.77%   | 0.080% |
| 147 | 10.019 | 10.002 | 10.027 | VV | 1233   | 17462   | 0.44%   | 0.013% |
| 148 | 10.055 | 10.027 | 10.102 | VV | 1309   | 40996   | 1.03%   | 0.030% |
| 149 | 10.128 | 10.102 | 10.192 | VV | 1437   | 42072   | 1.05%   | 0.030% |
| 150 | 10.201 | 10.192 | 10.210 | VV | 719    | 7297    | 0.18%   | 0.005% |
| 151 | 10.227 | 10.210 | 10.246 | VV | 999    | 15817   | 0.40%   | 0.011% |
| 152 | 10.291 | 10.246 | 10.312 | VV | 1512   | 39044   | 0.98%   | 0.028% |
| 153 | 10.338 | 10.312 | 10.372 | VV | 6152   | 96696   | 2.42%   | 0.070% |
| 154 | 10.396 | 10.372 | 10.410 | VV | 2041   | 33417   | 0.84%   | 0.024% |
| 155 | 10.425 | 10.410 | 10.452 | VV | 2196   | 31820   | 0.80%   | 0.023% |
| 156 | 10.473 | 10.452 | 10.518 | VV | 1779   | 42726   | 1.07%   | 0.031% |
| 157 | 10.543 | 10.518 | 10.559 | VV | 873    | 16751   | 0.42%   | 0.012% |
| 158 | 10.607 | 10.559 | 10.630 | VV | 1436   | 43158   | 1.08%   | 0.031% |
| 159 | 10.643 | 10.630 | 10.653 | VV | 928    | 12389   | 0.31%   | 0.009% |
| 160 | 10.687 | 10.653 | 10.730 | VV | 4105   | 80494   | 2.02%   | 0.058% |
| 161 | 10.761 | 10.730 | 10.792 | VV | 10642  | 159625  | 4.00%   | 0.115% |
| 162 | 10.801 | 10.792 | 10.850 | VV | 1059   | 25772   | 0.65%   | 0.019% |
| 163 | 10.907 | 10.850 | 10.920 | VV | 674    | 19779   | 0.50%   | 0.014% |
| 164 | 10.951 | 10.920 | 10.992 | VV | 4159   | 66789   | 1.67%   | 0.048% |
| 165 | 11.026 | 10.992 | 11.050 | VV | 2852   | 43423   | 1.09%   | 0.031% |
| 166 | 11.083 | 11.050 | 11.123 | VV | 1551   | 32052   | 0.80%   | 0.023% |
| 167 | 11.139 | 11.123 | 11.154 | VV | 591    | 7670    | 0.19%   | 0.006% |
| 168 | 11.167 | 11.154 | 11.185 | VV | 635    | 9161    | 0.23%   | 0.007% |
| 169 | 11.198 | 11.185 | 11.215 | VV | 533    | 8273    | 0.21%   | 0.006% |
| 170 | 11.252 | 11.215 | 11.282 | VV | 770    | 19908   | 0.50%   | 0.014% |
| 171 | 11.325 | 11.282 | 11.334 | VV | 741    | 16610   | 0.42%   | 0.012% |
| 172 | 11.355 | 11.334 | 11.368 | VV | 757    | 13871   | 0.35%   | 0.010% |
| 173 | 11.391 | 11.368 | 11.410 | VV | 3196   | 42386   | 1.06%   | 0.031% |
| 174 | 11.421 | 11.410 | 11.454 | VV | 758    | 17016   | 0.43%   | 0.012% |
| 175 | 11.484 | 11.454 | 11.527 | VV | 6230   | 90055   | 2.25%   | 0.065% |
| 176 | 11.549 | 11.527 | 11.572 | VV | 796    | 9371    | 0.23%   | 0.007% |
| 177 | 11.595 | 11.572 | 11.620 | PV | 575    | 11979   | 0.30%   | 0.009% |
| 178 | 11.653 | 11.620 | 11.671 | VV | 723    | 15352   | 0.38%   | 0.011% |
| 179 | 11.721 | 11.671 | 11.769 | VV | 356794 | 3994014 | 100.00% | 2.875% |
| 180 | 11.787 | 11.769 | 11.824 | VV | 1948   | 29451   | 0.74%   | 0.021% |
| 181 | 11.850 | 11.824 | 11.862 | VV | 1225   | 17476   | 0.44%   | 0.013% |
| 182 | 11.873 | 11.862 | 11.890 | VV | 1626   | 19167   | 0.48%   | 0.014% |
| 183 | 11.905 | 11.890 | 11.924 | VV | 1387   | 17428   | 0.44%   | 0.013% |
| 184 | 11.938 | 11.924 | 11.967 | VV | 1201   | 16072   | 0.40%   | 0.012% |
| 185 | 11.976 | 11.967 | 11.992 | PV | 180    | 1209    | 0.03%   | 0.001% |
| 186 | 12.002 | 11.992 | 12.019 | VV | 312    | 4169    | 0.10%   | 0.003% |
| 187 | 12.059 | 12.019 | 12.099 | VV | 2934   | 64777   | 1.62%   | 0.047% |
| 188 | 12.111 | 12.099 | 12.131 | VV | 663    | 9511    | 0.24%   | 0.007% |
| 189 | 12.160 | 12.131 | 12.180 | VV | 1519   | 23568   | 0.59%   | 0.017% |
| 190 | 12.195 | 12.180 | 12.206 | VV | 504    | 6490    | 0.16%   | 0.005% |
| 191 | 12.223 | 12.206 | 12.240 | VV | 1008   | 10556   | 0.26%   | 0.008% |
| 192 | 12.258 | 12.240 | 12.274 | PV | 581    | 6325    | 0.16%   | 0.005% |
| 193 | 12.306 | 12.274 | 12.388 | VV | 23081  | 304010  | 7.61%   | 0.219% |
| 194 | 12.404 | 12.388 | 12.415 | VV | 553    | 6710    | 0.17%   | 0.005% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.435 | 12.415 | 12.469 | VV | 854    | 17720   | 0.44%  | 0.013% |
| 196 | 12.478 | 12.469 | 12.495 | VV | 587    | 8137    | 0.20%  | 0.006% |
| 197 | 12.510 | 12.495 | 12.531 | VV | 526    | 9972    | 0.25%  | 0.007% |
| 198 | 12.547 | 12.531 | 12.594 | VV | 997    | 18422   | 0.46%  | 0.013% |
| 199 | 12.625 | 12.594 | 12.639 | VV | 888    | 16742   | 0.42%  | 0.012% |
| 200 | 12.658 | 12.639 | 12.682 | VV | 2261   | 32121   | 0.80%  | 0.023% |
| 201 | 12.703 | 12.682 | 12.750 | VV | 3720   | 65428   | 1.64%  | 0.047% |
| 202 | 12.773 | 12.750 | 12.813 | VV | 11984  | 136150  | 3.41%  | 0.098% |
| 203 | 12.830 | 12.813 | 12.863 | VV | 672    | 11040   | 0.28%  | 0.008% |
| 204 | 12.875 | 12.863 | 12.883 | VV | 318    | 2449    | 0.06%  | 0.002% |
| 205 | 12.902 | 12.883 | 12.917 | VV | 445    | 7659    | 0.19%  | 0.006% |
| 206 | 12.921 | 12.917 | 12.935 | VV | 530    | 4435    | 0.11%  | 0.003% |
| 207 | 12.964 | 12.935 | 13.004 | VV | 1262   | 29000   | 0.73%  | 0.021% |
| 208 | 13.018 | 13.004 | 13.046 | VV | 868    | 11691   | 0.29%  | 0.008% |
| 209 | 13.073 | 13.046 | 13.117 | PV | 13150  | 160907  | 4.03%  | 0.116% |
| 210 | 13.154 | 13.117 | 13.185 | VV | 274235 | 3283591 | 82.21% | 2.364% |
| 211 | 13.199 | 13.185 | 13.227 | VV | 1883   | 31742   | 0.79%  | 0.023% |
| 212 | 13.260 | 13.227 | 13.297 | VV | 1049   | 28428   | 0.71%  | 0.020% |
| 213 | 13.318 | 13.297 | 13.355 | PV | 2628   | 58080   | 1.45%  | 0.042% |
| 214 | 13.382 | 13.355 | 13.392 | VV | 2066   | 35803   | 0.90%  | 0.026% |
| 215 | 13.404 | 13.392 | 13.459 | VV | 2214   | 43654   | 1.09%  | 0.031% |
| 216 | 13.501 | 13.459 | 13.515 | VV | 1513   | 30607   | 0.77%  | 0.022% |
| 217 | 13.543 | 13.515 | 13.580 | VV | 9279   | 145663  | 3.65%  | 0.105% |
| 218 | 13.598 | 13.580 | 13.610 | VV | 1364   | 19441   | 0.49%  | 0.014% |
| 219 | 13.662 | 13.610 | 13.687 | VV | 2883   | 62163   | 1.56%  | 0.045% |
| 220 | 13.708 | 13.687 | 13.719 | VV | 1032   | 15404   | 0.39%  | 0.011% |
| 221 | 13.738 | 13.719 | 13.749 | VV | 1266   | 18561   | 0.46%  | 0.013% |
| 222 | 13.771 | 13.749 | 13.791 | VV | 2080   | 34676   | 0.87%  | 0.025% |
| 223 | 13.812 | 13.791 | 13.842 | VV | 2148   | 43857   | 1.10%  | 0.032% |
| 224 | 13.849 | 13.842 | 13.880 | VV | 1448   | 23116   | 0.58%  | 0.017% |
| 225 | 13.904 | 13.880 | 13.914 | VV | 3267   | 43011   | 1.08%  | 0.031% |
| 226 | 13.931 | 13.914 | 13.967 | VV | 2848   | 74263   | 1.86%  | 0.053% |
| 227 | 13.983 | 13.967 | 14.012 | VV | 2225   | 35812   | 0.90%  | 0.026% |
| 228 | 14.047 | 14.012 | 14.079 | VV | 1447   | 36765   | 0.92%  | 0.026% |
| 229 | 14.139 | 14.079 | 14.161 | VV | 2498   | 73754   | 1.85%  | 0.053% |
| 230 | 14.205 | 14.161 | 14.234 | VV | 1761   | 52165   | 1.31%  | 0.038% |
| 231 | 14.240 | 14.234 | 14.254 | VV | 1292   | 14269   | 0.36%  | 0.010% |
| 232 | 14.282 | 14.254 | 14.290 | VV | 1776   | 33009   | 0.83%  | 0.024% |
| 233 | 14.339 | 14.290 | 14.351 | VV | 2675   | 75767   | 1.90%  | 0.055% |
| 234 | 14.394 | 14.351 | 14.412 | VV | 2805   | 84738   | 2.12%  | 0.061% |
| 235 | 14.431 | 14.412 | 14.449 | VV | 2634   | 45529   | 1.14%  | 0.033% |
| 236 | 14.469 | 14.449 | 14.489 | VV | 4722   | 74352   | 1.86%  | 0.054% |
| 237 | 14.540 | 14.489 | 14.557 | VV | 3390   | 117513  | 2.94%  | 0.085% |
| 238 | 14.582 | 14.557 | 14.627 | VV | 3836   | 129880  | 3.25%  | 0.094% |
| 239 | 14.644 | 14.627 | 14.660 | VV | 4542   | 65737   | 1.65%  | 0.047% |
| 240 | 14.683 | 14.660 | 14.722 | VV | 3472   | 109013  | 2.73%  | 0.078% |
| 241 | 14.760 | 14.722 | 14.788 | VV | 3365   | 117229  | 2.94%  | 0.084% |
| 242 | 14.799 | 14.788 | 14.816 | VV | 3059   | 46231   | 1.16%  | 0.033% |
| 243 | 14.825 | 14.816 | 14.857 | VV | 3081   | 69840   | 1.75%  | 0.050% |
| 244 | 14.902 | 14.857 | 14.925 | VV | 3824   | 134472  | 3.37%  | 0.097% |
| 245 | 14.953 | 14.925 | 14.975 | VV | 9348   | 172357  | 4.32%  | 0.124% |
| 246 | 14.997 | 14.975 | 15.030 | VV | 10919  | 218257  | 5.46%  | 0.157% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 15.052 | 15.030 | 15.070 | VV | 4518  | 91717   | 2.30%  | 0.066% |
| 248    | 15.114 | 15.070 | 15.139 | VV | 5721  | 194059  | 4.86%  | 0.140% |
| 249    | 15.156 | 15.139 | 15.175 | VV | 5162  | 100884  | 2.53%  | 0.073% |
| 250    | 15.203 | 15.175 | 15.220 | VV | 5183  | 120898  | 3.03%  | 0.087% |
|        |        |        |        |    |       |         |        |        |
| 251    | 15.267 | 15.220 | 15.327 | VV | 6091  | 301114  | 7.54%  | 0.217% |
| 252    | 15.341 | 15.327 | 15.355 | VV | 5091  | 81900   | 2.05%  | 0.059% |
| 253    | 15.392 | 15.355 | 15.440 | VV | 13778 | 397137  | 9.94%  | 0.286% |
| 254    | 15.446 | 15.440 | 15.494 | VV | 6651  | 176466  | 4.42%  | 0.127% |
| 255    | 15.532 | 15.494 | 15.545 | VV | 10223 | 228302  | 5.72%  | 0.164% |
|        |        |        |        |    |       |         |        |        |
| 256    | 15.551 | 15.545 | 15.574 | VV | 10276 | 141115  | 3.53%  | 0.102% |
| 257    | 15.586 | 15.574 | 15.607 | VV | 7039  | 129868  | 3.25%  | 0.093% |
| 258    | 15.628 | 15.607 | 15.648 | VV | 10069 | 196459  | 4.92%  | 0.141% |
| 259    | 15.666 | 15.648 | 15.700 | VV | 7676  | 209340  | 5.24%  | 0.151% |
| 260    | 15.794 | 15.700 | 15.812 | VV | 9277  | 501406  | 12.55% | 0.361% |
|        |        |        |        |    |       |         |        |        |
| 261    | 15.862 | 15.812 | 15.884 | VV | 8509  | 322399  | 8.07%  | 0.232% |
| 262    | 15.926 | 15.884 | 15.938 | VV | 8423  | 258094  | 6.46%  | 0.186% |
| 263    | 15.955 | 15.938 | 15.974 | VV | 9102  | 178043  | 4.46%  | 0.128% |
| 264    | 15.989 | 15.974 | 16.004 | VV | 8893  | 150295  | 3.76%  | 0.108% |
| 265    | 16.033 | 16.004 | 16.069 | VV | 14051 | 421596  | 10.56% | 0.304% |
|        |        |        |        |    |       |         |        |        |
| 266    | 16.075 | 16.069 | 16.115 | VV | 10698 | 264056  | 6.61%  | 0.190% |
| 267    | 16.130 | 16.115 | 16.145 | VV | 9360  | 161589  | 4.05%  | 0.116% |
| 268    | 16.153 | 16.145 | 16.159 | VV | 9424  | 71360   | 1.79%  | 0.051% |
| 269    | 16.175 | 16.159 | 16.183 | VV | 9310  | 131102  | 3.28%  | 0.094% |
| 270    | 16.193 | 16.183 | 16.199 | VV | 9640  | 88610   | 2.22%  | 0.064% |
|        |        |        |        |    |       |         |        |        |
| 271    | 16.234 | 16.199 | 16.276 | VV | 12886 | 507494  | 12.71% | 0.365% |
| 272    | 16.296 | 16.276 | 16.305 | VV | 11325 | 188258  | 4.71%  | 0.136% |
| 273    | 16.338 | 16.305 | 16.369 | VV | 13819 | 477152  | 11.95% | 0.344% |
| 274    | 16.407 | 16.369 | 16.422 | VV | 14737 | 415487  | 10.40% | 0.299% |
| 275    | 16.431 | 16.422 | 16.461 | VV | 14061 | 292274  | 7.32%  | 0.210% |
|        |        |        |        |    |       |         |        |        |
| 276    | 16.517 | 16.461 | 16.586 | VV | 30461 | 1230404 | 30.81% | 0.886% |
| 277    | 16.650 | 16.586 | 16.669 | VV | 19638 | 785758  | 19.67% | 0.566% |
| 278    | 16.684 | 16.669 | 16.722 | VV | 16830 | 512964  | 12.84% | 0.369% |
| 279    | 16.739 | 16.722 | 16.772 | VV | 17461 | 489059  | 12.24% | 0.352% |
| 280    | 16.843 | 16.772 | 16.869 | VV | 22124 | 1060534 | 26.55% | 0.764% |
|        |        |        |        |    |       |         |        |        |
| 281    | 16.896 | 16.869 | 16.934 | VV | 23065 | 741460  | 18.56% | 0.534% |
| 282    | 16.987 | 16.934 | 17.008 | VV | 29060 | 953574  | 23.88% | 0.687% |
| 283    | 17.024 | 17.008 | 17.042 | VV | 25029 | 464942  | 11.64% | 0.335% |
| 284    | 17.052 | 17.042 | 17.072 | VV | 22466 | 373471  | 9.35%  | 0.269% |
| 285    | 17.090 | 17.072 | 17.105 | VV | 20346 | 388235  | 9.72%  | 0.280% |
|        |        |        |        |    |       |         |        |        |
| 286    | 17.156 | 17.105 | 17.166 | VV | 21192 | 730624  | 18.29% | 0.526% |
| 287    | 17.175 | 17.166 | 17.182 | VV | 21679 | 200095  | 5.01%  | 0.144% |
| 288    | 17.217 | 17.182 | 17.237 | VV | 23119 | 719993  | 18.03% | 0.518% |
| 289    | 17.249 | 17.237 | 17.292 | VV | 24616 | 735200  | 18.41% | 0.529% |
| 290    | 17.315 | 17.292 | 17.339 | VV | 24037 | 650439  | 16.29% | 0.468% |
|        |        |        |        |    |       |         |        |        |
| 291    | 17.353 | 17.339 | 17.374 | VV | 24087 | 488190  | 12.22% | 0.351% |
| 292    | 17.391 | 17.374 | 17.402 | VV | 25626 | 407026  | 10.19% | 0.293% |
| 293    | 17.435 | 17.402 | 17.465 | VV | 35216 | 1057887 | 26.49% | 0.762% |
| 294    | 17.487 | 17.465 | 17.507 | VV | 26900 | 618754  | 15.49% | 0.445% |
| 295    | 17.524 | 17.507 | 17.542 | VV | 25569 | 520801  | 13.04% | 0.375% |
|        |        |        |        |    |       |         |        |        |
| 296    | 17.567 | 17.542 | 17.598 | VV | 31389 | 910390  | 22.79% | 0.655% |
| 297    | 17.624 | 17.598 | 17.640 | VV | 27173 | 638196  | 15.98% | 0.459% |
| 298    | 17.651 | 17.640 | 17.664 | VV | 26684 | 346843  | 8.68%  | 0.250% |
| 299    | 17.686 | 17.664 | 17.704 | VV | 24963 | 586701  | 14.69% | 0.422% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 300 | 17.793 | 17.704 | 17.820 | VV | 30790  | 1855487 | 46.46% | 1.336% |
| 301 | 17.875 | 17.820 | 17.919 | VV | 42021  | 1881615 | 47.11% | 1.355% |
| 302 | 17.941 | 17.919 | 17.955 | VV | 30439  | 633842  | 15.87% | 0.456% |
| 303 | 17.963 | 17.955 | 17.984 | VV | 29087  | 472792  | 11.84% | 0.340% |
| 304 | 18.009 | 17.984 | 18.020 | VV | 30424  | 638932  | 16.00% | 0.460% |
| 305 | 18.039 | 18.020 | 18.107 | VV | 41802  | 1743087 | 43.64% | 1.255% |
| 306 | 18.124 | 18.107 | 18.137 | VV | 29941  | 529487  | 13.26% | 0.381% |
| 307 | 18.140 | 18.137 | 18.150 | VV | 30807  | 228522  | 5.72%  | 0.165% |
| 308 | 18.175 | 18.150 | 18.187 | VV | 33256  | 665340  | 16.66% | 0.479% |
| 309 | 18.242 | 18.187 | 18.259 | VV | 38571  | 1440837 | 36.07% | 1.037% |
| 310 | 18.298 | 18.259 | 18.330 | VV | 39132  | 1525494 | 38.19% | 1.098% |
| 311 | 18.349 | 18.330 | 18.362 | VV | 32715  | 578890  | 14.49% | 0.417% |
| 312 | 18.407 | 18.362 | 18.467 | VV | 41467  | 2232566 | 55.90% | 1.607% |
| 313 | 18.476 | 18.467 | 18.490 | VV | 33321  | 446237  | 11.17% | 0.321% |
| 314 | 18.527 | 18.490 | 18.550 | VV | 38310  | 1214681 | 30.41% | 0.874% |
| 315 | 18.566 | 18.550 | 18.600 | VV | 33826  | 986677  | 24.70% | 0.710% |
| 316 | 18.622 | 18.600 | 18.640 | VV | 34042  | 787109  | 19.71% | 0.567% |
| 317 | 18.656 | 18.640 | 18.672 | VV | 34983  | 630372  | 15.78% | 0.454% |
| 318 | 18.710 | 18.672 | 18.750 | VV | 42682  | 1716248 | 42.97% | 1.236% |
| 319 | 18.833 | 18.750 | 18.854 | VV | 43762  | 2235962 | 55.98% | 1.610% |
| 320 | 18.880 | 18.854 | 18.922 | VV | 42611  | 1531487 | 38.34% | 1.103% |
| 321 | 18.933 | 18.922 | 18.955 | VV | 36313  | 720073  | 18.03% | 0.518% |
| 322 | 18.971 | 18.955 | 18.989 | VV | 38248  | 745987  | 18.68% | 0.537% |
| 323 | 19.004 | 18.989 | 19.027 | VV | 38858  | 854323  | 21.39% | 0.615% |
| 324 | 19.073 | 19.027 | 19.090 | VV | 41435  | 1456769 | 36.47% | 1.049% |
| 325 | 19.110 | 19.090 | 19.149 | VV | 45212  | 1429951 | 35.80% | 1.029% |
| 326 | 19.168 | 19.149 | 19.193 | VV | 43215  | 1061621 | 26.58% | 0.764% |
| 327 | 19.210 | 19.193 | 19.219 | VV | 40792  | 602585  | 15.09% | 0.434% |
| 328 | 19.238 | 19.219 | 19.264 | VV | 42928  | 1079141 | 27.02% | 0.777% |
| 329 | 19.311 | 19.264 | 19.330 | VV | 40373  | 1555417 | 38.94% | 1.120% |
| 330 | 19.347 | 19.330 | 19.369 | VV | 41231  | 912466  | 22.85% | 0.657% |
| 331 | 19.387 | 19.369 | 19.402 | VV | 41318  | 803582  | 20.12% | 0.579% |
| 332 | 19.408 | 19.402 | 19.425 | VV | 40761  | 560999  | 14.05% | 0.404% |
| 333 | 19.436 | 19.425 | 19.459 | VV | 42278  | 802563  | 20.09% | 0.578% |
| 334 | 19.499 | 19.459 | 19.530 | VV | 46628  | 1837507 | 46.01% | 1.323% |
| 335 | 19.543 | 19.530 | 19.572 | VV | 47885  | 1086407 | 27.20% | 0.782% |
| 336 | 19.625 | 19.572 | 19.660 | VV | 46242  | 2280706 | 57.10% | 1.642% |
| 337 | 19.685 | 19.660 | 19.705 | VV | 46051  | 1190338 | 29.80% | 0.857% |
| 338 | 19.746 | 19.705 | 19.765 | VV | 46779  | 1600531 | 40.07% | 1.152% |
| 339 | 19.774 | 19.765 | 19.781 | VV | 46903  | 439323  | 11.00% | 0.316% |
| 340 | 19.793 | 19.781 | 19.819 | VV | 45913  | 1009543 | 25.28% | 0.727% |
| 341 | 19.864 | 19.819 | 19.926 | VV | 52731  | 3089478 | 77.35% | 2.224% |
| 342 | 19.938 | 19.926 | 19.965 | VV | 49948  | 1113549 | 27.88% | 0.802% |
| 343 | 20.024 | 19.965 | 20.033 | VV | 49258  | 1909712 | 47.81% | 1.375% |
| 344 | 20.058 | 20.033 | 20.105 | VV | 52547  | 2125943 | 53.23% | 1.531% |
| 345 | 20.125 | 20.105 | 20.140 | VV | 51167  | 1025226 | 25.67% | 0.738% |
| 346 | 20.159 | 20.140 | 20.210 | VV | 51832  | 2116612 | 52.99% | 1.524% |
| 347 | 20.234 | 20.210 | 20.253 | VV | 54170  | 1318982 | 33.02% | 0.950% |
| 348 | 20.266 | 20.253 | 20.280 | VV | 52704  | 824009  | 20.63% | 0.593% |
| 349 | 20.289 | 20.280 | 20.307 | VV | 51966  | 821099  | 20.56% | 0.591% |
| 350 | 20.325 | 20.307 | 20.350 | VV | 58721  | 1392880 | 34.87% | 1.003% |
| 351 | 20.356 | 20.350 | 20.380 | VV | 53258  | 926379  | 23.19% | 0.667% |

|     |        |        |        |    |       |                         |           |        |
|-----|--------|--------|--------|----|-------|-------------------------|-----------|--------|
|     |        |        |        |    |       | rteres                  |           |        |
| 352 | 20.394 | 20.380 | 20.447 | VV | 54523 | 2086863                 | 52.25%    | 1.502% |
| 353 | 20.458 | 20.447 | 20.510 | VV | 52305 | 1925797                 | 48.22%    | 1.386% |
| 354 | 20.517 | 20.510 | 20.539 | VV | 49518 | 837351                  | 20.97%    | 0.603% |
| 355 | 20.549 | 20.539 | 20.582 | VV | 50904 | 1283398                 | 32.13%    | 0.924% |
| 356 | 20.596 | 20.582 | 20.662 | VV | 53742 | 2357190                 | 59.02%    | 1.697% |
| 357 | 20.680 | 20.662 | 20.700 | VV | 49568 | 1102900                 | 27.61%    | 0.794% |
| 358 | 20.738 | 20.700 | 20.826 | VV | 49881 | 3520765                 | 88.15%    | 2.535% |
| 359 | 20.835 | 20.826 | 20.884 | VV | 46282 | 1578864                 | 39.53%    | 1.137% |
| 360 | 20.898 | 20.884 | 20.927 | VV | 45507 | 1145016                 | 28.67%    | 0.824% |
| 361 | 20.939 | 20.927 | 20.952 | VV | 45234 | 652308                  | 16.33%    | 0.470% |
| 362 | 21.006 | 20.952 | 21.030 | VV | 45723 | 2011550                 | 50.36%    | 1.448% |
| 363 | 21.036 | 21.030 | 21.070 | VV | 43103 | 978810                  | 24.51%    | 0.705% |
| 364 | 21.092 | 21.070 | 21.105 | VV | 43023 | 846639                  | 21.20%    | 0.610% |
| 365 | 21.109 | 21.105 | 21.122 | VV | 42043 | 398195                  | 9.97%     | 0.287% |
| 366 | 21.132 | 21.122 | 21.159 | VV | 40528 | 863004                  | 21.61%    | 0.621% |
| 367 | 21.172 | 21.159 | 21.206 | VV | 41121 | 1099719                 | 27.53%    | 0.792% |
| 368 | 21.213 | 21.206 | 21.224 | VV | 39363 | 418498                  | 10.48%    | 0.301% |
| 369 | 21.234 | 21.224 | 21.270 | VV | 39095 | 1052803                 | 26.36%    | 0.758% |
| 370 | 21.278 | 21.270 | 21.298 | VV | 38418 | 623423                  | 15.61%    | 0.449% |
| 371 | 21.306 | 21.298 | 21.317 | VV | 38073 | 418477                  | 10.48%    | 0.301% |
|     |        |        |        |    |       | Sum of corrected areas: | 138903089 |        |

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