

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100920AL\  
 Data File : FC050006.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Oct 2020 1:44  
 Sample : L4319-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 100620.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         | 3.386       | 3.369        | 3.421      | PV       | 657            | 7660         | 0.03%          | 0.001%        |
| 2         | 3.435       | 3.421        | 3.482      | VV       | 263            | 4211         | 0.02%          | 0.000%        |
| 3         | 3.501       | 3.482        | 3.524      | PV       | 394            | 5843         | 0.02%          | 0.001%        |
| 4         | 3.538       | 3.524        | 3.557      | VV       | 317            | 4953         | 0.02%          | 0.000%        |
| 5         | 3.582       | 3.557        | 3.610      | VV       | 1552           | 21619        | 0.08%          | 0.002%        |
| 6         | 3.663       | 3.610        | 3.673      | VV       | 1020           | 21442        | 0.08%          | 0.002%        |
| 7         | 3.691       | 3.673        | 3.730      | VV       | 7348           | 72619        | 0.26%          | 0.007%        |
| 8         | 3.757       | 3.730        | 3.767      | VV       | 4619           | 43311        | 0.16%          | 0.004%        |
| 9         | 3.777       | 3.767        | 3.808      | VV       | 5067           | 46170        | 0.17%          | 0.004%        |
| 10        | 3.837       | 3.808        | 3.850      | VV       | 1405           | 20370        | 0.07%          | 0.002%        |
| 11        | 3.876       | 3.850        | 3.917      | VV       | 2888           | 40323        | 0.15%          | 0.004%        |
| 12        | 3.963       | 3.917        | 4.018      | VV       | 841            | 23575        | 0.08%          | 0.002%        |
| 13        | 4.055       | 4.018        | 4.086      | VV       | 1766           | 31667        | 0.11%          | 0.003%        |
| 14        | 4.110       | 4.086        | 4.129      | VV       | 11035          | 111295       | 0.40%          | 0.010%        |
| 15        | 4.139       | 4.129        | 4.197      | VV       | 1642           | 25580        | 0.09%          | 0.002%        |
| 16        | 4.227       | 4.197        | 4.241      | VV       | 487            | 8221         | 0.03%          | 0.001%        |
| 17        | 4.257       | 4.241        | 4.277      | VV       | 958            | 13789        | 0.05%          | 0.001%        |
| 18        | 4.307       | 4.277        | 4.348      | VV       | 588            | 16029        | 0.06%          | 0.001%        |
| 19        | 4.414       | 4.348        | 4.436      | VV       | 473            | 9367         | 0.03%          | 0.001%        |
| 20        | 4.459       | 4.436        | 4.475      | VV       | 751            | 8382         | 0.03%          | 0.001%        |
| 21        | 4.486       | 4.475        | 4.497      | VV       | 330            | 2686         | 0.01%          | 0.000%        |
| 22        | 4.532       | 4.497        | 4.548      | VV       | 571            | 10895        | 0.04%          | 0.001%        |
| 23        | 4.571       | 4.548        | 4.591      | VV       | 775            | 14415        | 0.05%          | 0.001%        |
| 24        | 4.607       | 4.591        | 4.632      | VV       | 783            | 10746        | 0.04%          | 0.001%        |
| 25        | 4.664       | 4.632        | 4.701      | VV       | 592            | 13667        | 0.05%          | 0.001%        |
| 26        | 4.715       | 4.701        | 4.727      | VV       | 767            | 7563         | 0.03%          | 0.001%        |
| 27        | 4.741       | 4.727        | 4.762      | VV       | 867            | 10378        | 0.04%          | 0.001%        |
| 28        | 4.790       | 4.762        | 4.802      | VV       | 546            | 7412         | 0.03%          | 0.001%        |
| 29        | 4.822       | 4.802        | 4.861      | VV       | 1326           | 26968        | 0.10%          | 0.002%        |
| 30        | 4.887       | 4.861        | 4.915      | VV       | 1858           | 24619        | 0.09%          | 0.002%        |
| 31        | 4.961       | 4.915        | 4.979      | VV       | 547            | 10116        | 0.04%          | 0.001%        |
| 32        | 4.991       | 4.979        | 5.011      | VV       | 696            | 8593         | 0.03%          | 0.001%        |
| 33        | 5.021       | 5.011        | 5.042      | VV       | 568            | 6352         | 0.02%          | 0.001%        |
| 34        | 5.057       | 5.042        | 5.076      | VV       | 398            | 5192         | 0.02%          | 0.000%        |
| 35        | 5.093       | 5.076        | 5.121      | VV       | 578            | 8962         | 0.03%          | 0.001%        |
| 36        | 5.154       | 5.121        | 5.172      | VV       | 596            | 12680        | 0.05%          | 0.001%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.202 | 5.172 | 5.257 | VV | 1150   | 23823  | 0.09% | 0.002% |
| 38 | 5.269 | 5.257 | 5.285 | VV | 374    | 4387   | 0.02% | 0.000% |
| 39 | 5.319 | 5.285 | 5.342 | VV | 981    | 15480  | 0.06% | 0.001% |
| 40 | 5.364 | 5.342 | 5.387 | VV | 588    | 10899  | 0.04% | 0.001% |
| 41 | 5.394 | 5.387 | 5.437 | VV | 407    | 6841   | 0.02% | 0.001% |
| 42 | 5.449 | 5.437 | 5.481 | VV | 266    | 4172   | 0.02% | 0.000% |
| 43 | 5.499 | 5.481 | 5.509 | PV | 633    | 6787   | 0.02% | 0.001% |
| 44 | 5.536 | 5.509 | 5.546 | VV | 622    | 11420  | 0.04% | 0.001% |
| 45 | 5.565 | 5.546 | 5.592 | VV | 640    | 14371  | 0.05% | 0.001% |
| 46 | 5.609 | 5.592 | 5.668 | VV | 955    | 17984  | 0.06% | 0.002% |
| 47 | 5.696 | 5.668 | 5.718 | VV | 1866   | 23945  | 0.09% | 0.002% |
| 48 | 5.749 | 5.718 | 5.779 | VV | 749    | 17156  | 0.06% | 0.002% |
| 49 | 5.810 | 5.779 | 5.832 | VV | 1306   | 19423  | 0.07% | 0.002% |
| 50 | 5.851 | 5.832 | 5.884 | PV | 791    | 13475  | 0.05% | 0.001% |
| 51 | 5.920 | 5.884 | 5.979 | VV | 1177   | 36751  | 0.13% | 0.003% |
| 52 | 5.986 | 5.979 | 6.001 | VV | 227    | 2172   | 0.01% | 0.000% |
| 53 | 6.027 | 6.001 | 6.037 | VV | 1148   | 16309  | 0.06% | 0.001% |
| 54 | 6.056 | 6.037 | 6.134 | VV | 1377   | 33736  | 0.12% | 0.003% |
| 55 | 6.156 | 6.134 | 6.177 | VV | 1126   | 14116  | 0.05% | 0.001% |
| 56 | 6.203 | 6.177 | 6.237 | VV | 1212   | 27798  | 0.10% | 0.003% |
| 57 | 6.253 | 6.237 | 6.279 | VV | 1562   | 23201  | 0.08% | 0.002% |
| 58 | 6.297 | 6.279 | 6.314 | VV | 1009   | 13739  | 0.05% | 0.001% |
| 59 | 6.328 | 6.314 | 6.358 | VV | 777    | 10642  | 0.04% | 0.001% |
| 60 | 6.405 | 6.358 | 6.431 | VV | 793    | 19732  | 0.07% | 0.002% |
| 61 | 6.446 | 6.431 | 6.514 | VV | 1223   | 24330  | 0.09% | 0.002% |
| 62 | 6.544 | 6.514 | 6.569 | PV | 1511   | 24298  | 0.09% | 0.002% |
| 63 | 6.585 | 6.569 | 6.611 | VV | 1573   | 24326  | 0.09% | 0.002% |
| 64 | 6.645 | 6.611 | 6.666 | VV | 1940   | 36958  | 0.13% | 0.003% |
| 65 | 6.681 | 6.666 | 6.702 | VV | 1067   | 16868  | 0.06% | 0.002% |
| 66 | 6.715 | 6.702 | 6.727 | VV | 390    | 4189   | 0.02% | 0.000% |
| 67 | 6.755 | 6.727 | 6.777 | VV | 1816   | 26949  | 0.10% | 0.002% |
| 68 | 6.817 | 6.777 | 6.838 | VV | 1633   | 34707  | 0.12% | 0.003% |
| 69 | 6.860 | 6.838 | 6.876 | VV | 2363   | 35346  | 0.13% | 0.003% |
| 70 | 6.890 | 6.876 | 6.907 | VV | 2239   | 32226  | 0.12% | 0.003% |
| 71 | 6.920 | 6.907 | 6.934 | VV | 1783   | 20621  | 0.07% | 0.002% |
| 72 | 6.955 | 6.934 | 6.969 | VV | 2391   | 35654  | 0.13% | 0.003% |
| 73 | 6.988 | 6.969 | 7.004 | VV | 2987   | 44413  | 0.16% | 0.004% |
| 74 | 7.017 | 7.004 | 7.028 | VV | 2309   | 29512  | 0.11% | 0.003% |
| 75 | 7.050 | 7.028 | 7.071 | VV | 2632   | 54888  | 0.20% | 0.005% |
| 76 | 7.103 | 7.071 | 7.121 | VV | 2418   | 55453  | 0.20% | 0.005% |
| 77 | 7.147 | 7.121 | 7.162 | VV | 3489   | 63827  | 0.23% | 0.006% |
| 78 | 7.173 | 7.162 | 7.184 | VV | 2996   | 35417  | 0.13% | 0.003% |
| 79 | 7.205 | 7.184 | 7.257 | VV | 3895   | 117173 | 0.42% | 0.011% |
| 80 | 7.292 | 7.257 | 7.307 | VV | 4521   | 96970  | 0.35% | 0.009% |
| 81 | 7.323 | 7.307 | 7.356 | VV | 4002   | 94578  | 0.34% | 0.009% |
| 82 | 7.384 | 7.356 | 7.397 | VV | 4227   | 79828  | 0.29% | 0.007% |
| 83 | 7.430 | 7.397 | 7.444 | VV | 5489   | 118556 | 0.43% | 0.011% |
| 84 | 7.457 | 7.444 | 7.474 | VV | 4912   | 82597  | 0.30% | 0.008% |
| 85 | 7.491 | 7.474 | 7.516 | VV | 6016   | 135222 | 0.49% | 0.012% |
| 86 | 7.542 | 7.516 | 7.556 | VV | 6668   | 142000 | 0.51% | 0.013% |
| 87 | 7.589 | 7.556 | 7.624 | VV | 7318   | 256600 | 0.92% | 0.024% |
| 88 | 7.645 | 7.624 | 7.657 | VV | 5592   | 104948 | 0.38% | 0.010% |
| 89 | 7.675 | 7.657 | 7.686 | VV | 8911   | 125965 | 0.45% | 0.012% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 90     | 7.800  | 7.782  | 7.818  | VV | 11752  | 227619  | 0.82%  | 0.021% |
| 91     | 7.850  | 7.818  | 7.866  | VV | 15264  | 363200  | 1.31%  | 0.033% |
| 92     | 7.875  | 7.866  | 7.885  | VV | 12624  | 144433  | 0.52%  | 0.013% |
| 93     | 7.894  | 7.885  | 7.921  | VV | 12449  | 232478  | 0.84%  | 0.021% |
| 94     | 7.988  | 7.921  | 8.006  | VV | 16126  | 632124  | 2.28%  | 0.058% |
| 95     | 8.027  | 8.006  | 8.076  | VV | 34072  | 816176  | 2.94%  | 0.075% |
| 96     | 8.094  | 8.076  | 8.114  | VV | 18911  | 367894  | 1.32%  | 0.034% |
| 97     | 8.133  | 8.114  | 8.147  | VV | 18858  | 338074  | 1.22%  | 0.031% |
| 98     | 8.170  | 8.147  | 8.198  | VV | 27555  | 670876  | 2.41%  | 0.062% |
| 99     | 8.216  | 8.198  | 8.224  | VV | 20682  | 294319  | 1.06%  | 0.027% |
| 100    | 8.237  | 8.224  | 8.251  | VV | 20595  | 319981  | 1.15%  | 0.029% |
| 101    | 8.293  | 8.251  | 8.321  | VV | 37077  | 1089116 | 3.92%  | 0.100% |
| 102    | 8.345  | 8.321  | 8.384  | VV | 39902  | 1077584 | 3.88%  | 0.099% |
| 103    | 8.398  | 8.384  | 8.416  | VV | 27577  | 487850  | 1.76%  | 0.045% |
| 104    | 8.451  | 8.416  | 8.491  | VV | 74971  | 1808388 | 6.51%  | 0.166% |
| 105    | 8.502  | 8.491  | 8.516  | VV | 29096  | 422609  | 1.52%  | 0.039% |
| 106    | 8.554  | 8.516  | 8.571  | VV | 43590  | 1167799 | 4.20%  | 0.107% |
| 107    | 8.679  | 8.655  | 8.702  | VV | 65330  | 1415375 | 5.09%  | 0.130% |
| 108    | 8.715  | 8.702  | 8.726  | VV | 43881  | 611101  | 2.20%  | 0.056% |
| 109    | 8.748  | 8.726  | 8.770  | VV | 98547  | 1744217 | 6.28%  | 0.160% |
| 110    | 8.786  | 8.770  | 8.795  | VV | 62190  | 824793  | 2.97%  | 0.076% |
| 111    | 8.812  | 8.795  | 8.837  | VV | 96084  | 1676112 | 6.03%  | 0.154% |
| 112    | 8.853  | 8.837  | 8.874  | VV | 48820  | 1060696 | 3.82%  | 0.098% |
| 113    | 8.918  | 8.874  | 8.934  | VV | 66738  | 2011058 | 7.24%  | 0.185% |
| 114    | 8.946  | 8.934  | 8.961  | VV | 60835  | 923566  | 3.32%  | 0.085% |
| 115    | 8.981  | 8.961  | 9.000  | VV | 56334  | 1301034 | 4.68%  | 0.120% |
| 116    | 9.034  | 9.000  | 9.069  | VV | 84413  | 2745097 | 9.88%  | 0.252% |
| 117    | 9.095  | 9.069  | 9.117  | VV | 62740  | 1746847 | 6.29%  | 0.161% |
| 118    | 9.128  | 9.117  | 9.136  | VV | 62284  | 665492  | 2.40%  | 0.061% |
| 119    | 9.189  | 9.136  | 9.229  | VV | 76236  | 3820108 | 13.75% | 0.351% |
| 120    | 9.262  | 9.229  | 9.282  | VV | 73462  | 2199439 | 7.92%  | 0.202% |
| 121    | 9.321  | 9.282  | 9.341  | VV | 92087  | 2826352 | 10.17% | 0.260% |
| 122    | 9.355  | 9.341  | 9.374  | VV | 82872  | 1600333 | 5.76%  | 0.147% |
| 123    | 9.423  | 9.374  | 9.446  | VV | 118225 | 4042557 | 14.55% | 0.372% |
| 124    | 9.480  | 9.446  | 9.488  | VV | 116927 | 2521434 | 9.08%  | 0.232% |
| 125    | 9.507  | 9.488  | 9.539  | VV | 187239 | 3900934 | 14.04% | 0.359% |
| 126    | 9.587  | 9.539  | 9.606  | VV | 126836 | 4243127 | 15.27% | 0.390% |
| 127    | 9.615  | 9.606  | 9.629  | VV | 107544 | 1448942 | 5.22%  | 0.133% |
| 128    | 9.651  | 9.629  | 9.661  | VV | 110885 | 2055709 | 7.40%  | 0.189% |
| 129    | 9.673  | 9.661  | 9.691  | VV | 115293 | 2026145 | 7.29%  | 0.186% |
| 130    | 9.708  | 9.691  | 9.723  | VV | 120517 | 2246133 | 8.09%  | 0.207% |
| 131    | 9.734  | 9.723  | 9.747  | VV | 113007 | 1603336 | 5.77%  | 0.147% |
| 132    | 9.783  | 9.747  | 9.818  | VV | 119781 | 5002652 | 18.01% | 0.460% |
| 133    | 9.861  | 9.818  | 9.879  | VV | 129667 | 4504288 | 16.21% | 0.414% |
| 134    | 9.898  | 9.879  | 9.919  | VV | 131815 | 3069037 | 11.05% | 0.282% |
| 135    | 9.946  | 9.919  | 9.963  | VV | 143226 | 3586981 | 12.91% | 0.330% |
| 136    | 10.001 | 9.963  | 10.039 | VV | 148475 | 6568781 | 23.65% | 0.604% |
| 137    | 10.092 | 10.039 | 10.109 | VV | 166514 | 6555664 | 23.60% | 0.603% |
| 138    | 10.123 | 10.109 | 10.141 | VV | 166385 | 3106604 | 11.18% | 0.286% |
| 139    | 10.167 | 10.141 | 10.184 | VV | 170507 | 4285999 | 15.43% | 0.394% |
| 140    | 10.206 | 10.184 | 10.214 | VV | 172048 | 3032347 | 10.92% | 0.279% |
| 141    | 10.246 | 10.214 | 10.266 | VV | 182546 | 5489412 | 19.76% | 0.505% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 10.285 | 10.266 | 10.302 | VV | 195659 | 4171293  | 15.02%  | 0.384% |
| 143    | 10.330 | 10.302 | 10.352 | VV | 203377 | 5958091  | 21.45%  | 0.548% |
| 144    | 10.378 | 10.352 | 10.394 | VV | 213112 | 5114188  | 18.41%  | 0.470% |
| 145    | 10.431 | 10.394 | 10.452 | VV | 235902 | 7627012  | 27.46%  | 0.701% |
| 146    | 10.476 | 10.452 | 10.501 | VV | 224311 | 6361445  | 22.90%  | 0.585% |
| 147    | 10.529 | 10.501 | 10.542 | VV | 232260 | 5578883  | 20.08%  | 0.513% |
| 148    | 10.563 | 10.542 | 10.581 | VV | 238755 | 5390027  | 19.40%  | 0.496% |
| 149    | 10.633 | 10.581 | 10.644 | VV | 256028 | 9183993  | 33.06%  | 0.844% |
| 150    | 10.712 | 10.644 | 10.730 | VV | 279761 | 13661167 | 49.18%  | 1.256% |
| 151    | 10.746 | 10.730 | 10.787 | VV | 275575 | 9177909  | 33.04%  | 0.844% |
| 152    | 10.805 | 10.787 | 10.817 | VV | 278681 | 4988333  | 17.96%  | 0.459% |
| 153    | 10.838 | 10.817 | 10.852 | VV | 292626 | 5940375  | 21.38%  | 0.546% |
| 154    | 10.877 | 10.852 | 10.896 | VV | 321984 | 7909951  | 28.47%  | 0.727% |
| 155    | 10.915 | 10.896 | 10.944 | VV | 316019 | 8751752  | 31.50%  | 0.805% |
| 156    | 10.965 | 10.944 | 10.980 | VV | 312839 | 6543319  | 23.55%  | 0.602% |
| 157    | 11.013 | 10.980 | 11.034 | VV | 330658 | 10179660 | 36.64%  | 0.936% |
| 158    | 11.063 | 11.034 | 11.089 | VV | 333675 | 10647632 | 38.33%  | 0.979% |
| 159    | 11.121 | 11.089 | 11.149 | VV | 354028 | 12160035 | 43.77%  | 1.118% |
| 160    | 11.174 | 11.149 | 11.187 | VV | 358119 | 8022831  | 28.88%  | 0.738% |
| 161    | 11.194 | 11.187 | 11.200 | VV | 352414 | 2771520  | 9.98%   | 0.255% |
| 162    | 11.230 | 11.200 | 11.255 | VV | 361017 | 11493850 | 41.37%  | 1.057% |
| 163    | 11.278 | 11.255 | 11.301 | VV | 369026 | 9930472  | 35.75%  | 0.913% |
| 164    | 11.317 | 11.301 | 11.347 | VV | 374846 | 10026981 | 36.09%  | 0.922% |
| 165    | 11.371 | 11.347 | 11.389 | VV | 368706 | 9126594  | 32.85%  | 0.839% |
| 166    | 11.425 | 11.389 | 11.471 | VV | 410219 | 18740865 | 67.46%  | 1.723% |
| 167    | 11.499 | 11.471 | 11.522 | VV | 373771 | 11261289 | 40.54%  | 1.035% |
| 168    | 11.531 | 11.522 | 11.549 | VV | 377349 | 5963650  | 21.47%  | 0.548% |
| 169    | 11.583 | 11.549 | 11.606 | VV | 387971 | 12871345 | 46.33%  | 1.183% |
| 170    | 11.662 | 11.606 | 11.691 | VV | 839187 | 25130478 | 90.46%  | 2.311% |
| 171    | 11.717 | 11.691 | 11.738 | VV | 427437 | 11551864 | 41.58%  | 1.062% |
| 172    | 11.753 | 11.738 | 11.774 | VV | 417519 | 8785639  | 31.63%  | 0.808% |
| 173    | 11.809 | 11.774 | 11.824 | VV | 431824 | 12270139 | 44.17%  | 1.128% |
| 174    | 11.856 | 11.824 | 11.875 | VV | 442069 | 13099305 | 47.15%  | 1.204% |
| 175    | 11.886 | 11.875 | 11.949 | VV | 435212 | 18310649 | 65.91%  | 1.684% |
| 176    | 11.969 | 11.949 | 12.059 | VV | 455180 | 27779722 | 100.00% | 2.554% |
| 177    | 12.087 | 12.059 | 12.106 | VV | 412775 | 11247544 | 40.49%  | 1.034% |
| 178    | 12.144 | 12.106 | 12.194 | VV | 428446 | 21790362 | 78.44%  | 2.003% |
| 179    | 12.227 | 12.194 | 12.239 | VV | 421464 | 11254138 | 40.51%  | 1.035% |
| 180    | 12.272 | 12.239 | 12.300 | VV | 472263 | 16082689 | 57.89%  | 1.479% |
| 181    | 12.324 | 12.300 | 12.369 | VV | 441911 | 17238172 | 62.05%  | 1.585% |
| 182    | 12.389 | 12.369 | 12.407 | VV | 424170 | 9490958  | 34.17%  | 0.873% |
| 183    | 12.423 | 12.407 | 12.466 | VV | 429050 | 14462372 | 52.06%  | 1.330% |
| 184    | 12.479 | 12.466 | 12.499 | VV | 405383 | 7982487  | 28.73%  | 0.734% |
| 185    | 12.512 | 12.499 | 12.547 | VV | 413994 | 11444857 | 41.20%  | 1.052% |
| 186    | 12.569 | 12.547 | 12.589 | VV | 397213 | 9841181  | 35.43%  | 0.905% |
| 187    | 12.606 | 12.589 | 12.671 | VV | 403966 | 18874751 | 67.94%  | 1.735% |
| 188    | 12.682 | 12.671 | 12.695 | VV | 384819 | 5605991  | 20.18%  | 0.515% |
| 189    | 12.713 | 12.695 | 12.729 | VV | 388805 | 7765008  | 27.95%  | 0.714% |
| 190    | 12.736 | 12.729 | 12.756 | VV | 390689 | 6184123  | 22.26%  | 0.569% |
| 191    | 12.773 | 12.756 | 12.850 | VV | 397602 | 21306816 | 76.70%  | 1.959% |
| 192    | 12.870 | 12.850 | 12.914 | VV | 369785 | 13661474 | 49.18%  | 1.256% |
| 193    | 12.926 | 12.914 | 12.951 | VV | 369435 | 7806808  | 28.10%  | 0.718% |
| 194    | 12.956 | 12.951 | 12.965 | VV | 354925 | 2920557  | 10.51%  | 0.269% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 12.985 | 12.965 | 13.004 | VV | 356038 | 8256871  | 29.72% | 0.759% |
| 196 | 13.025 | 13.004 | 13.049 | VV | 354899 | 9358252  | 33.69% | 0.860% |
| 197 | 13.098 | 13.049 | 13.129 | VV | 637182 | 20128331 | 72.46% | 1.851% |
| 198 | 13.146 | 13.129 | 13.184 | VV | 352767 | 11258512 | 40.53% | 1.035% |
| 199 | 13.204 | 13.184 | 13.264 | VV | 349394 | 15855857 | 57.08% | 1.458% |
| 200 | 13.313 | 13.264 | 13.336 | VV | 342007 | 14194270 | 51.10% | 1.305% |
| 201 | 13.343 | 13.336 | 13.361 | VV | 328650 | 4834968  | 17.40% | 0.445% |
| 202 | 13.375 | 13.361 | 13.414 | VV | 323359 | 10059403 | 36.21% | 0.925% |
| 203 | 13.440 | 13.414 | 13.464 | VV | 321203 | 9469018  | 34.09% | 0.871% |
| 204 | 13.490 | 13.464 | 13.526 | VV | 322644 | 11448561 | 41.21% | 1.053% |
| 205 | 13.538 | 13.526 | 13.545 | VV | 301920 | 3555190  | 12.80% | 0.327% |
| 206 | 13.553 | 13.545 | 13.629 | VV | 305994 | 14816010 | 53.33% | 1.362% |
| 207 | 13.652 | 13.629 | 13.668 | VV | 290298 | 6662461  | 23.98% | 0.613% |
| 208 | 13.693 | 13.668 | 13.744 | VV | 289713 | 12804603 | 46.09% | 1.177% |
| 209 | 13.761 | 13.744 | 13.769 | VV | 278550 | 4140148  | 14.90% | 0.381% |
| 210 | 13.777 | 13.769 | 13.794 | VV | 280477 | 4097957  | 14.75% | 0.377% |
| 211 | 13.808 | 13.794 | 13.821 | VV | 273304 | 4265279  | 15.35% | 0.392% |
| 212 | 13.828 | 13.821 | 13.844 | VV | 269685 | 3701827  | 13.33% | 0.340% |
| 213 | 13.861 | 13.844 | 13.880 | VV | 268932 | 5669254  | 20.41% | 0.521% |
| 214 | 13.888 | 13.880 | 13.899 | VV | 262417 | 2981299  | 10.73% | 0.274% |
| 215 | 13.907 | 13.899 | 13.967 | VV | 261435 | 10356288 | 37.28% | 0.952% |
| 216 | 13.997 | 13.967 | 14.026 | VV | 257672 | 8676093  | 31.23% | 0.798% |
| 217 | 14.030 | 14.026 | 14.052 | VV | 242917 | 3831418  | 13.79% | 0.352% |
| 218 | 14.076 | 14.052 | 14.121 | VV | 257044 | 9910440  | 35.68% | 0.911% |
| 219 | 14.150 | 14.121 | 14.179 | VV | 237816 | 8060172  | 29.01% | 0.741% |
| 220 | 14.188 | 14.179 | 14.206 | VV | 224594 | 3523993  | 12.69% | 0.324% |
| 221 | 14.240 | 14.206 | 14.269 | VV | 264479 | 8802704  | 31.69% | 0.809% |
| 222 | 14.289 | 14.269 | 14.342 | VV | 233518 | 9523430  | 34.28% | 0.876% |
| 223 | 14.364 | 14.342 | 14.422 | VV | 215843 | 9694300  | 34.90% | 0.891% |
| 224 | 14.431 | 14.422 | 14.444 | VV | 193047 | 2508158  | 9.03%  | 0.231% |
| 225 | 14.465 | 14.444 | 14.505 | VV | 218657 | 7333002  | 26.40% | 0.674% |
| 226 | 14.512 | 14.505 | 14.621 | VV | 190459 | 12588471 | 45.32% | 1.157% |
| 227 | 14.638 | 14.621 | 14.655 | VV | 177718 | 3531757  | 12.71% | 0.325% |
| 228 | 14.672 | 14.655 | 14.722 | VV | 174754 | 6709031  | 24.15% | 0.617% |
| 229 | 14.740 | 14.722 | 14.786 | VV | 171508 | 5975424  | 21.51% | 0.549% |
| 230 | 14.796 | 14.786 | 14.826 | VV | 154663 | 3592300  | 12.93% | 0.330% |
| 231 | 14.843 | 14.826 | 14.867 | VV | 150102 | 3654470  | 13.16% | 0.336% |
| 232 | 14.890 | 14.867 | 14.925 | VV | 147558 | 4910033  | 17.67% | 0.451% |
| 233 | 14.941 | 14.925 | 14.959 | VV | 141619 | 2805703  | 10.10% | 0.258% |
| 234 | 14.976 | 14.959 | 15.067 | VV | 138176 | 8306137  | 29.90% | 0.764% |
| 235 | 15.074 | 15.067 | 15.137 | VV | 122725 | 4945404  | 17.80% | 0.455% |
| 236 | 15.155 | 15.137 | 15.206 | VV | 116841 | 4585668  | 16.51% | 0.422% |
| 237 | 15.208 | 15.206 | 15.296 | VV | 108724 | 5529642  | 19.91% | 0.508% |
| 238 | 15.326 | 15.296 | 15.371 | VV | 131532 | 4839986  | 17.42% | 0.445% |
| 239 | 15.383 | 15.371 | 15.413 | VV | 94835  | 2295800  | 8.26%  | 0.211% |
| 240 | 15.420 | 15.413 | 15.442 | VV | 91510  | 1571602  | 5.66%  | 0.144% |
| 241 | 15.454 | 15.442 | 15.509 | VV | 91634  | 3460080  | 12.46% | 0.318% |
| 242 | 15.516 | 15.509 | 15.527 | VV | 85056  | 904648   | 3.26%  | 0.083% |
| 243 | 15.542 | 15.527 | 15.597 | VV | 83980  | 3285840  | 11.83% | 0.302% |
| 244 | 15.604 | 15.597 | 15.652 | VV | 75593  | 2366426  | 8.52%  | 0.218% |
| 245 | 15.689 | 15.652 | 15.734 | VV | 70455  | 3322571  | 11.96% | 0.305% |
| 246 | 15.754 | 15.734 | 15.763 | VV | 68116  | 1148348  | 4.13%  | 0.106% |

| rteres |        |        |        |    |       |         |       |        |
|--------|--------|--------|--------|----|-------|---------|-------|--------|
| 247    | 15.778 | 15.763 | 15.834 | VV | 72498 | 2689409 | 9.68% | 0.247% |
| 248    | 15.843 | 15.834 | 15.864 | VV | 58931 | 1029687 | 3.71% | 0.095% |
| 249    | 15.875 | 15.864 | 15.911 | VV | 56345 | 1504354 | 5.42% | 0.138% |
| 250    | 15.916 | 15.911 | 15.931 | VV | 52876 | 625362  | 2.25% | 0.057% |
| 251    | 15.958 | 15.931 | 16.002 | VV | 52580 | 2152113 | 7.75% | 0.198% |
| 252    | 16.018 | 16.002 | 16.102 | VV | 48929 | 2687374 | 9.67% | 0.247% |
| 253    | 16.109 | 16.102 | 16.139 | VV | 42604 | 906806  | 3.26% | 0.083% |
| 254    | 16.173 | 16.139 | 16.222 | VV | 44430 | 2008468 | 7.23% | 0.185% |
| 255    | 16.241 | 16.222 | 16.252 | VV | 37083 | 657147  | 2.37% | 0.060% |
| 256    | 16.283 | 16.252 | 16.312 | VV | 45442 | 1397070 | 5.03% | 0.128% |
| 257    | 16.336 | 16.312 | 16.388 | VV | 44475 | 1632948 | 5.88% | 0.150% |
| 258    | 16.404 | 16.388 | 16.422 | VV | 30900 | 611865  | 2.20% | 0.056% |
| 259    | 16.450 | 16.422 | 16.506 | VV | 34695 | 1523198 | 5.48% | 0.140% |
| 260    | 16.525 | 16.506 | 16.551 | VV | 33183 | 775746  | 2.79% | 0.071% |
| 261    | 16.576 | 16.551 | 16.639 | VV | 29000 | 1322005 | 4.76% | 0.122% |
| 262    | 16.658 | 16.639 | 16.696 | VV | 23722 | 753943  | 2.71% | 0.069% |
| 263    | 16.734 | 16.696 | 16.754 | VV | 21894 | 736750  | 2.65% | 0.068% |
| 264    | 16.776 | 16.754 | 16.819 | VV | 22444 | 779408  | 2.81% | 0.072% |
| 265    | 16.835 | 16.819 | 16.884 | VV | 19720 | 699060  | 2.52% | 0.064% |
| 266    | 16.905 | 16.884 | 16.929 | VV | 19661 | 482890  | 1.74% | 0.044% |
| 267    | 16.956 | 16.929 | 16.966 | VV | 18007 | 381920  | 1.37% | 0.035% |
| 268    | 16.984 | 16.966 | 17.019 | VV | 20643 | 540509  | 1.95% | 0.050% |
| 269    | 17.028 | 17.019 | 17.076 | VV | 13669 | 441548  | 1.59% | 0.041% |
| 270    | 17.091 | 17.076 | 17.132 | VV | 12403 | 410677  | 1.48% | 0.038% |
| 271    | 17.167 | 17.132 | 17.211 | VV | 12446 | 540680  | 1.95% | 0.050% |
| 272    | 17.229 | 17.211 | 17.239 | VV | 10312 | 171348  | 0.62% | 0.016% |
| 273    | 17.276 | 17.239 | 17.326 | VV | 22867 | 706531  | 2.54% | 0.065% |
| 274    | 17.357 | 17.326 | 17.407 | VV | 17166 | 522026  | 1.88% | 0.048% |
| 275    | 17.439 | 17.407 | 17.468 | VV | 9139  | 289933  | 1.04% | 0.027% |
| 276    | 17.488 | 17.468 | 17.513 | VV | 7515  | 186317  | 0.67% | 0.017% |
| 277    | 17.534 | 17.513 | 17.557 | VV | 7305  | 166793  | 0.60% | 0.015% |
| 278    | 17.580 | 17.557 | 17.616 | VV | 6096  | 190254  | 0.68% | 0.017% |
| 279    | 17.635 | 17.616 | 17.651 | VV | 5414  | 104219  | 0.38% | 0.010% |
| 280    | 17.661 | 17.651 | 17.704 | VV | 5088  | 153750  | 0.55% | 0.014% |
| 281    | 17.792 | 17.704 | 17.847 | VV | 8358  | 452707  | 1.63% | 0.042% |
| 282    | 17.882 | 17.847 | 17.911 | VV | 10224 | 226621  | 0.82% | 0.021% |
| 283    | 17.926 | 17.911 | 17.937 | VV | 4128  | 61962   | 0.22% | 0.006% |
| 284    | 17.954 | 17.937 | 17.966 | VV | 4975  | 71545   | 0.26% | 0.007% |
| 285    | 17.981 | 17.966 | 18.003 | VV | 4615  | 84844   | 0.31% | 0.008% |
| 286    | 18.032 | 18.003 | 18.094 | VV | 6191  | 188833  | 0.68% | 0.017% |
| 287    | 18.126 | 18.094 | 18.137 | VV | 8892  | 152455  | 0.55% | 0.014% |
| 288    | 18.155 | 18.137 | 18.179 | VV | 17958 | 314710  | 1.13% | 0.029% |
| 289    | 18.215 | 18.179 | 18.264 | VV | 17762 | 433930  | 1.56% | 0.040% |
| 290    | 18.316 | 18.264 | 18.427 | VV | 4153  | 176562  | 0.64% | 0.016% |
| 291    | 18.461 | 18.427 | 18.491 | PV | 3456  | 65794   | 0.24% | 0.006% |
| 292    | 18.514 | 18.491 | 18.555 | VV | 2639  | 58731   | 0.21% | 0.005% |
| 293    | 18.627 | 18.555 | 18.682 | VV | 26014 | 498799  | 1.80% | 0.046% |
| 294    | 18.727 | 18.682 | 18.743 | VV | 7427  | 126764  | 0.46% | 0.012% |
| 295    | 18.750 | 18.743 | 18.781 | VV | 4851  | 74699   | 0.27% | 0.007% |
| 296    | 18.789 | 18.781 | 18.822 | VV | 1960  | 36424   | 0.13% | 0.003% |
| 297    | 18.834 | 18.822 | 18.854 | VV | 1064  | 17210   | 0.06% | 0.002% |
| 298    | 18.865 | 18.854 | 18.877 | VV | 1293  | 14814   | 0.05% | 0.001% |
| 299    | 18.911 | 18.877 | 18.936 | VV | 4309  | 99363   | 0.36% | 0.009% |

|                         |        |        |        |     |            |         |       |        |
|-------------------------|--------|--------|--------|-----|------------|---------|-------|--------|
|                         |        |        |        |     | rteres     |         |       |        |
| 300                     | 18.990 | 18.936 | 19.069 | VV  | 46929      | 1263896 | 4.55% | 0.116% |
| 301                     | 19.116 | 19.069 | 19.146 | VV  | 6823       | 263106  | 0.95% | 0.024% |
| 302                     | 19.192 | 19.146 | 19.229 | VV  | 13107      | 370221  | 1.33% | 0.034% |
| 303                     | 19.295 | 19.229 | 19.311 | VV  | 8298       | 271672  | 0.98% | 0.025% |
| 304                     | 19.325 | 19.311 | 19.368 | VV  | 7778       | 188653  | 0.68% | 0.017% |
| 305                     | 19.440 | 19.368 | 19.462 | VV  | 57741      | 1082255 | 3.90% | 0.100% |
| 306                     | 19.479 | 19.462 | 19.502 | VV  | 26992      | 436618  | 1.57% | 0.040% |
| 307                     | 19.516 | 19.502 | 19.552 | VV  | 10387      | 234176  | 0.84% | 0.022% |
| 308                     | 19.601 | 19.552 | 19.648 | VV  | 13990      | 512692  | 1.85% | 0.047% |
| 309                     | 19.704 | 19.648 | 19.727 | VV  | 12231      | 428320  | 1.54% | 0.039% |
| 310                     | 19.773 | 19.727 | 19.801 | VV  | 19285      | 582982  | 2.10% | 0.054% |
| 311                     | 19.816 | 19.801 | 19.842 | VV  | 12231      | 274552  | 0.99% | 0.025% |
| 312                     | 19.855 | 19.842 | 19.876 | VV  | 9819       | 195471  | 0.70% | 0.018% |
| 313                     | 19.934 | 19.876 | 19.953 | VV  | 18991      | 595630  | 2.14% | 0.055% |
| 314                     | 19.972 | 19.953 | 20.004 | VV  | 16688      | 426132  | 1.53% | 0.039% |
| 315                     | 20.026 | 20.004 | 20.069 | VV  | 13110      | 479748  | 1.73% | 0.044% |
| 316                     | 20.093 | 20.069 | 20.124 | VV  | 13994      | 413673  | 1.49% | 0.038% |
| 317                     | 20.174 | 20.124 | 20.212 | VV  | 18639      | 727817  | 2.62% | 0.067% |
| 318                     | 20.245 | 20.212 | 20.267 | VV  | 29886      | 665799  | 2.40% | 0.061% |
| 319                     | 20.287 | 20.267 | 20.336 | VV  | 26742      | 772422  | 2.78% | 0.071% |
| 320                     | 20.389 | 20.336 | 20.426 | VV  | 17880      | 876835  | 3.16% | 0.081% |
| 321                     | 20.459 | 20.426 | 20.491 | VV  | 65012      | 1353736 | 4.87% | 0.124% |
| 322                     | 20.499 | 20.491 | 20.532 | VV  | 16997      | 396829  | 1.43% | 0.036% |
| 323                     | 20.569 | 20.532 | 20.587 | VV  | 18311      | 556960  | 2.00% | 0.051% |
| 324                     | 20.608 | 20.587 | 20.680 | VV  | 19537      | 913971  | 3.29% | 0.084% |
| 325                     | 20.705 | 20.680 | 20.733 | VV  | 15261      | 462258  | 1.66% | 0.043% |
| 326                     | 20.770 | 20.733 | 20.789 | VV  | 14823      | 474865  | 1.71% | 0.044% |
| 327                     | 20.816 | 20.789 | 20.861 | VV  | 17009      | 657163  | 2.37% | 0.060% |
| 328                     | 20.893 | 20.861 | 20.982 | VV  | 18175      | 1075493 | 3.87% | 0.099% |
| 329                     | 21.016 | 20.982 | 21.085 | VV  | 21011      | 860446  | 3.10% | 0.079% |
| 330                     | 21.095 | 21.085 | 21.107 | VV  | 10569      | 140100  | 0.50% | 0.013% |
| 331                     | 21.114 | 21.107 | 21.206 | VV  | 10638      | 599792  | 2.16% | 0.055% |
| 332                     | 21.210 | 21.206 | 21.272 | VV  | 9776       | 375363  | 1.35% | 0.035% |
| 333                     | 21.284 | 21.272 | 21.292 | VV  | 8803       | 105532  | 0.38% | 0.010% |
| 334                     | 21.339 | 21.292 | 21.372 | VV  | 10636      | 468154  | 1.69% | 0.043% |
| 335                     | 21.400 | 21.372 | 21.409 | VV  | 10855      | 233665  | 0.84% | 0.021% |
| 336                     | 21.426 | 21.409 | 21.449 | VV  | 10840      | 257215  | 0.93% | 0.024% |
| 337                     | 21.458 | 21.449 | 21.558 | VV  | 10652      | 630674  | 2.27% | 0.058% |
| 338                     | 21.578 | 21.558 | 21.627 | VV  | 8886       | 349260  | 1.26% | 0.032% |
| 339                     | 21.666 | 21.627 | 21.689 | VV  | 7979       | 289481  | 1.04% | 0.027% |
| 340                     | 21.715 | 21.689 | 21.786 | VV  | 8266       | 456612  | 1.64% | 0.042% |
| 341                     | 21.830 | 21.786 | 21.874 | VV  | 11686      | 501639  | 1.81% | 0.046% |
| 342                     | 21.945 | 21.874 | 22.021 | VBA | 14254      | 927500  | 3.34% | 0.085% |
| Sum of corrected areas: |        |        |        |     | 1087620887 |         |       |        |

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