

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092723AL\  
 Data File : FE044476.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Sep 2023 15:02  
 Sample : 04620-09  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092523.M  
 Title : GC Extractables

Signal : FID1B.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         | 3.252       | 3.184        | 3.272      | BV       | 7829           | 81150        | 0.23%          | 0.007%        |
| 2         | 3.285       | 3.272        | 3.334      | VV       | 1655           | 18412        | 0.05%          | 0.002%        |
| 3         | 3.377       | 3.334        | 3.406      | PV       | 355            | 6608         | 0.02%          | 0.001%        |
| 4         | 3.436       | 3.406        | 3.456      | PV       | 660            | 10498        | 0.03%          | 0.001%        |
| 5         | 3.488       | 3.456        | 3.508      | VV       | 2046           | 25217        | 0.07%          | 0.002%        |
| 6         | 3.522       | 3.508        | 3.542      | VV       | 1421           | 16713        | 0.05%          | 0.001%        |
| 7         | 3.551       | 3.542        | 3.568      | VV       | 354            | 4412         | 0.01%          | 0.000%        |
| 8         | 3.594       | 3.568        | 3.607      | VV       | 603            | 8468         | 0.02%          | 0.001%        |
| 9         | 3.647       | 3.607        | 3.673      | VV       | 2335           | 36096        | 0.10%          | 0.003%        |
| 10        | 3.685       | 3.673        | 3.696      | VV       | 681            | 7978         | 0.02%          | 0.001%        |
| 11        | 3.741       | 3.696        | 3.754      | VV       | 4656           | 82243        | 0.23%          | 0.007%        |
| 12        | 3.775       | 3.754        | 3.804      | VV       | 38441          | 379316       | 1.05%          | 0.033%        |
| 13        | 3.815       | 3.804        | 3.844      | VV       | 1841           | 21088        | 0.06%          | 0.002%        |
| 14        | 3.891       | 3.844        | 3.934      | VV       | 33410          | 329762       | 0.92%          | 0.029%        |
| 15        | 3.952       | 3.934        | 3.962      | VV       | 870            | 11050        | 0.03%          | 0.001%        |
| 16        | 3.979       | 3.962        | 4.026      | VV       | 2730           | 49693        | 0.14%          | 0.004%        |
| 17        | 4.043       | 4.026        | 4.071      | VV       | 3425           | 40022        | 0.11%          | 0.004%        |
| 18        | 4.085       | 4.071        | 4.117      | VV       | 1231           | 24286        | 0.07%          | 0.002%        |
| 19        | 4.140       | 4.117        | 4.166      | VV       | 4492           | 60226        | 0.17%          | 0.005%        |
| 20        | 4.185       | 4.166        | 4.234      | VV       | 2222           | 37535        | 0.10%          | 0.003%        |
| 21        | 4.278       | 4.234        | 4.302      | VV       | 1494           | 42215        | 0.12%          | 0.004%        |
| 22        | 4.320       | 4.302        | 4.339      | VV       | 1541           | 20793        | 0.06%          | 0.002%        |
| 23        | 4.350       | 4.339        | 4.408      | VV       | 670            | 18742        | 0.05%          | 0.002%        |
| 24        | 4.417       | 4.408        | 4.428      | VV       | 293            | 2529         | 0.01%          | 0.000%        |
| 25        | 4.444       | 4.428        | 4.471      | VV       | 853            | 9813         | 0.03%          | 0.001%        |
| 26        | 4.485       | 4.471        | 4.514      | PV       | 312            | 3768         | 0.01%          | 0.000%        |
| 27        | 4.559       | 4.514        | 4.601      | VV       | 660            | 19318        | 0.05%          | 0.002%        |
| 28        | 4.642       | 4.601        | 4.664      | VV       | 683            | 17898        | 0.05%          | 0.002%        |
| 29        | 4.680       | 4.664        | 4.698      | VV       | 505            | 7479         | 0.02%          | 0.001%        |
| 30        | 4.723       | 4.698        | 4.758      | VV       | 793            | 14029        | 0.04%          | 0.001%        |
| 31        | 4.773       | 4.758        | 4.804      | VV       | 484            | 9173         | 0.03%          | 0.001%        |
| 32        | 4.838       | 4.804        | 4.877      | VV       | 1227           | 24688        | 0.07%          | 0.002%        |
| 33        | 4.910       | 4.877        | 4.944      | VV       | 857            | 24232        | 0.07%          | 0.002%        |
| 34        | 4.958       | 4.944        | 4.991      | VV       | 1206           | 21218        | 0.06%          | 0.002%        |
| 35        | 5.028       | 4.991        | 5.072      | VV       | 2219           | 42352        | 0.12%          | 0.004%        |
| 36        | 5.084       | 5.072        | 5.097      | VV       | 429            | 5651         | 0.02%          | 0.000%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.126 | 5.097 | 5.161 | VV | 2372   | 35350 | 0.10% | 0.003% |
| 38 | 5.176 | 5.161 | 5.227 | VV | 915    | 24096 | 0.07% | 0.002% |
| 39 | 5.251 | 5.227 | 5.280 | VV | 2216   | 34218 | 0.10% | 0.003% |
| 40 | 5.293 | 5.280 | 5.308 | VV | 706    | 10229 | 0.03% | 0.001% |
| 41 | 5.322 | 5.308 | 5.343 | VV | 1007   | 13469 | 0.04% | 0.001% |
| 42 | 5.370 | 5.343 | 5.417 | VV | 1722   | 31196 | 0.09% | 0.003% |
| 43 | 5.436 | 5.417 | 5.448 | VV | 312    | 3766  | 0.01% | 0.000% |
| 44 | 5.468 | 5.448 | 5.477 | VV | 243    | 3635  | 0.01% | 0.000% |
| 45 | 5.497 | 5.477 | 5.526 | VV | 1210   | 17916 | 0.05% | 0.002% |
| 46 | 5.539 | 5.526 | 5.558 | VV | 541    | 8130  | 0.02% | 0.001% |
| 47 | 5.568 | 5.558 | 5.617 | VV | 371    | 5083  | 0.01% | 0.000% |
| 48 | 5.639 | 5.617 | 5.646 | PV | 358    | 3881  | 0.01% | 0.000% |
| 49 | 5.659 | 5.646 | 5.680 | VV | 474    | 7117  | 0.02% | 0.001% |
| 50 | 5.710 | 5.680 | 5.724 | VV | 641    | 12624 | 0.04% | 0.001% |
| 51 | 5.737 | 5.724 | 5.775 | VV | 613    | 13827 | 0.04% | 0.001% |
| 52 | 5.803 | 5.775 | 5.838 | VV | 898    | 22260 | 0.06% | 0.002% |
| 53 | 5.869 | 5.838 | 5.906 | VV | 722    | 21450 | 0.06% | 0.002% |
| 54 | 5.927 | 5.906 | 5.976 | VV | 844    | 21683 | 0.06% | 0.002% |
| 55 | 5.998 | 5.976 | 6.008 | VV | 1060   | 12449 | 0.03% | 0.001% |
| 56 | 6.021 | 6.008 | 6.043 | VV | 1432   | 17229 | 0.05% | 0.002% |
| 57 | 6.072 | 6.043 | 6.107 | VV | 1747   | 31493 | 0.09% | 0.003% |
| 58 | 6.126 | 6.107 | 6.151 | VV | 1219   | 20222 | 0.06% | 0.002% |
| 59 | 6.168 | 6.151 | 6.190 | VV | 526    | 7550  | 0.02% | 0.001% |
| 60 | 6.262 | 6.190 | 6.354 | VV | 3961   | 80347 | 0.22% | 0.007% |
| 61 | 6.437 | 6.354 | 6.470 | VV | 1413   | 37054 | 0.10% | 0.003% |
| 62 | 6.492 | 6.470 | 6.524 | VV | 1373   | 21055 | 0.06% | 0.002% |
| 63 | 6.560 | 6.524 | 6.598 | VV | 1016   | 19485 | 0.05% | 0.002% |
| 64 | 6.615 | 6.598 | 6.628 | VV | 275    | 4023  | 0.01% | 0.000% |
| 65 | 6.643 | 6.628 | 6.684 | VV | 356    | 5689  | 0.02% | 0.001% |
| 66 | 6.724 | 6.684 | 6.741 | PV | 428    | 6223  | 0.02% | 0.001% |
| 67 | 6.762 | 6.741 | 6.772 | VV | 434    | 5691  | 0.02% | 0.001% |
| 68 | 6.801 | 6.772 | 6.838 | VV | 3000   | 41402 | 0.11% | 0.004% |
| 69 | 6.864 | 6.838 | 6.907 | VV | 837    | 21947 | 0.06% | 0.002% |
| 70 | 6.918 | 6.907 | 6.928 | VV | 339    | 3620  | 0.01% | 0.000% |
| 71 | 6.946 | 6.928 | 6.971 | VV | 421    | 5864  | 0.02% | 0.001% |
| 72 | 7.003 | 6.971 | 7.019 | PV | 3123   | 36256 | 0.10% | 0.003% |
| 73 | 7.027 | 7.019 | 7.081 | VV | 1296   | 26998 | 0.07% | 0.002% |
| 74 | 7.110 | 7.081 | 7.135 | VV | 1236   | 19827 | 0.06% | 0.002% |
| 75 | 7.167 | 7.135 | 7.184 | VV | 672    | 12509 | 0.03% | 0.001% |
| 76 | 7.202 | 7.184 | 7.211 | VV | 2478   | 24874 | 0.07% | 0.002% |
| 77 | 7.223 | 7.211 | 7.248 | VV | 2594   | 42326 | 0.12% | 0.004% |
| 78 | 7.257 | 7.248 | 7.286 | VV | 1523   | 23788 | 0.07% | 0.002% |
| 79 | 7.300 | 7.286 | 7.316 | VV | 563    | 7038  | 0.02% | 0.001% |
| 80 | 7.333 | 7.316 | 7.357 | VV | 782    | 11069 | 0.03% | 0.001% |
| 81 | 7.377 | 7.357 | 7.394 | VV | 610    | 8779  | 0.02% | 0.001% |
| 82 | 7.414 | 7.394 | 7.433 | VV | 1278   | 15874 | 0.04% | 0.001% |
| 83 | 7.452 | 7.433 | 7.488 | VV | 968    | 17885 | 0.05% | 0.002% |
| 84 | 7.501 | 7.488 | 7.514 | VV | 440    | 5824  | 0.02% | 0.001% |
| 85 | 7.536 | 7.514 | 7.554 | VV | 792    | 12821 | 0.04% | 0.001% |
| 86 | 7.570 | 7.554 | 7.596 | VV | 702    | 14125 | 0.04% | 0.001% |
| 87 | 7.615 | 7.596 | 7.634 | VV | 921    | 13729 | 0.04% | 0.001% |
| 88 | 7.654 | 7.634 | 7.664 | VV | 811    | 10570 | 0.03% | 0.001% |
| 89 | 7.679 | 7.664 | 7.701 | VV | 1019   | 14922 | 0.04% | 0.001% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.728  | 7.701  | 7.738  | VV | 590    | 9294   | 0.03% | 0.001% |
| 91  | 7.749  | 7.738  | 7.770  | VV | 485    | 7858   | 0.02% | 0.001% |
| 92  | 7.800  | 7.770  | 7.818  | VV | 670    | 11388  | 0.03% | 0.001% |
| 93  | 7.837  | 7.818  | 7.867  | VV | 462    | 6492   | 0.02% | 0.001% |
| 94  | 7.901  | 7.867  | 7.948  | PV | 1148   | 21145  | 0.06% | 0.002% |
| 95  | 8.079  | 8.058  | 8.088  | VV | 2304   | 30227  | 0.08% | 0.003% |
| 96  | 8.095  | 8.088  | 8.118  | VV | 2178   | 26523  | 0.07% | 0.002% |
| 97  | 8.129  | 8.118  | 8.180  | VV | 698    | 17255  | 0.05% | 0.002% |
| 98  | 8.203  | 8.180  | 8.219  | VV | 588    | 7773   | 0.02% | 0.001% |
| 99  | 8.257  | 8.219  | 8.274  | VV | 580    | 12418  | 0.03% | 0.001% |
| 100 | 8.289  | 8.274  | 8.308  | VV | 324    | 4128   | 0.01% | 0.000% |
| 101 | 8.325  | 8.308  | 8.343  | PV | 1399   | 17135  | 0.05% | 0.002% |
| 102 | 8.364  | 8.343  | 8.393  | VV | 1792   | 26099  | 0.07% | 0.002% |
| 103 | 8.432  | 8.393  | 8.460  | VV | 3218   | 44495  | 0.12% | 0.004% |
| 104 | 8.475  | 8.460  | 8.489  | VV | 713    | 8312   | 0.02% | 0.001% |
| 105 | 8.515  | 8.489  | 8.538  | VV | 10971  | 139653 | 0.39% | 0.012% |
| 106 | 8.551  | 8.538  | 8.584  | VV | 2687   | 36634  | 0.10% | 0.003% |
| 107 | 8.597  | 8.584  | 8.615  | VV | 703    | 8781   | 0.02% | 0.001% |
| 108 | 8.663  | 8.615  | 8.686  | VV | 848    | 20856  | 0.06% | 0.002% |
| 109 | 8.705  | 8.686  | 8.728  | VV | 622    | 9870   | 0.03% | 0.001% |
| 110 | 8.754  | 8.728  | 8.808  | VV | 787    | 16051  | 0.04% | 0.001% |
| 111 | 8.910  | 8.901  | 8.964  | VV | 3662   | 80398  | 0.22% | 0.007% |
| 112 | 9.008  | 8.964  | 9.024  | VV | 1026   | 33988  | 0.09% | 0.003% |
| 113 | 9.044  | 9.024  | 9.076  | VV | 1581   | 32557  | 0.09% | 0.003% |
| 114 | 9.089  | 9.076  | 9.108  | VV | 855    | 13537  | 0.04% | 0.001% |
| 115 | 9.116  | 9.108  | 9.120  | VV | 710    | 4814   | 0.01% | 0.000% |
| 116 | 9.135  | 9.120  | 9.151  | VV | 825    | 13822  | 0.04% | 0.001% |
| 117 | 9.176  | 9.151  | 9.224  | VV | 2105   | 56172  | 0.16% | 0.005% |
| 118 | 9.303  | 9.224  | 9.346  | VV | 2234   | 92730  | 0.26% | 0.008% |
| 119 | 9.375  | 9.346  | 9.406  | VV | 1546   | 41348  | 0.11% | 0.004% |
| 120 | 9.465  | 9.406  | 9.490  | VV | 1959   | 76555  | 0.21% | 0.007% |
| 121 | 9.539  | 9.490  | 9.554  | VV | 1960   | 60057  | 0.17% | 0.005% |
| 122 | 9.580  | 9.554  | 9.594  | VV | 1994   | 43482  | 0.12% | 0.004% |
| 123 | 9.623  | 9.594  | 9.635  | VV | 2160   | 48023  | 0.13% | 0.004% |
| 124 | 9.668  | 9.635  | 9.679  | VV | 2291   | 55547  | 0.15% | 0.005% |
| 125 | 9.705  | 9.679  | 9.721  | VV | 4857   | 88736  | 0.25% | 0.008% |
| 126 | 9.734  | 9.721  | 9.745  | VV | 3588   | 49027  | 0.14% | 0.004% |
| 127 | 9.766  | 9.745  | 9.783  | VV | 5007   | 93829  | 0.26% | 0.008% |
| 128 | 9.799  | 9.783  | 9.829  | VV | 4468   | 115859 | 0.32% | 0.010% |
| 129 | 9.845  | 9.829  | 9.863  | VV | 4164   | 80478  | 0.22% | 0.007% |
| 130 | 9.901  | 9.863  | 9.911  | VV | 4812   | 128643 | 0.36% | 0.011% |
| 131 | 9.941  | 9.911  | 9.957  | VV | 5818   | 145398 | 0.40% | 0.013% |
| 132 | 9.976  | 9.957  | 10.003 | VV | 6306   | 155995 | 0.43% | 0.014% |
| 133 | 10.021 | 10.003 | 10.044 | VV | 6043   | 143065 | 0.40% | 0.013% |
| 134 | 10.091 | 10.044 | 10.142 | VV | 11377  | 465134 | 1.29% | 0.041% |
| 135 | 10.161 | 10.142 | 10.175 | VV | 8131   | 152336 | 0.42% | 0.013% |
| 136 | 10.216 | 10.175 | 10.229 | VV | 9114   | 271856 | 0.76% | 0.024% |
| 137 | 10.250 | 10.229 | 10.273 | VV | 9888   | 252622 | 0.70% | 0.022% |
| 138 | 10.295 | 10.273 | 10.307 | VV | 10211  | 199828 | 0.56% | 0.018% |
| 139 | 10.344 | 10.307 | 10.371 | VV | 15000  | 466705 | 1.30% | 0.041% |
| 140 | 10.402 | 10.371 | 10.444 | VV | 13548  | 561277 | 1.56% | 0.049% |
| 141 | 10.507 | 10.444 | 10.527 | VV | 15774  | 720691 | 2.00% | 0.064% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 142    | 10.598 | 10.527 | 10.615 | VV | 19251  | 944114   | 2.62%  | 0.083% |
| 143    | 10.644 | 10.615 | 10.658 | VV | 20878  | 506583   | 1.41%  | 0.045% |
| 144    | 10.697 | 10.658 | 10.720 | VV | 25499  | 833188   | 2.31%  | 0.073% |
| 145    | 10.800 | 10.720 | 10.813 | VV | 26118  | 1311341  | 3.64%  | 0.116% |
| 146    | 10.897 | 10.813 | 10.914 | VV | 30240  | 1661440  | 4.61%  | 0.146% |
| 147    | 10.955 | 10.914 | 10.978 | VV | 33185  | 1217339  | 3.38%  | 0.107% |
| 148    | 11.023 | 10.978 | 11.044 | VV | 38075  | 1404177  | 3.90%  | 0.124% |
| 149    | 11.065 | 11.044 | 11.078 | VV | 37199  | 737121   | 2.05%  | 0.065% |
| 150    | 11.102 | 11.078 | 11.111 | VV | 41146  | 778571   | 2.16%  | 0.069% |
| 151    | 11.141 | 11.111 | 11.161 | VV | 52616  | 1429417  | 3.97%  | 0.126% |
| 152    | 11.178 | 11.161 | 11.201 | VV | 50220  | 1119103  | 3.11%  | 0.099% |
| 153    | 11.227 | 11.201 | 11.239 | VV | 48600  | 1085744  | 3.02%  | 0.096% |
| 154    | 11.284 | 11.239 | 11.294 | VV | 52502  | 1643901  | 4.57%  | 0.145% |
| 155    | 11.320 | 11.294 | 11.358 | VV | 55657  | 2069588  | 5.75%  | 0.182% |
| 156    | 11.385 | 11.358 | 11.396 | VV | 60143  | 1295399  | 3.60%  | 0.114% |
| 157    | 11.450 | 11.396 | 11.464 | VV | 66512  | 2595708  | 7.21%  | 0.229% |
| 158    | 11.497 | 11.464 | 11.514 | VV | 69738  | 2031709  | 5.64%  | 0.179% |
| 159    | 11.538 | 11.514 | 11.549 | VV | 74412  | 1514761  | 4.21%  | 0.133% |
| 160    | 11.570 | 11.549 | 11.591 | VV | 76341  | 1862429  | 5.17%  | 0.164% |
| 161    | 11.634 | 11.591 | 11.654 | VV | 79223  | 2937937  | 8.16%  | 0.259% |
| 162    | 11.683 | 11.654 | 11.724 | VV | 84744  | 3407712  | 9.47%  | 0.300% |
| 163    | 11.796 | 11.724 | 11.812 | VV | 95956  | 4678352  | 12.99% | 0.412% |
| 164    | 11.846 | 11.812 | 11.865 | VV | 101286 | 3133232  | 8.70%  | 0.276% |
| 165    | 11.923 | 11.865 | 11.950 | VV | 668757 | 12055041 | 33.48% | 1.062% |
| 166    | 12.020 | 11.950 | 12.035 | VV | 118806 | 5912306  | 16.42% | 0.521% |
| 167    | 12.075 | 12.035 | 12.088 | VV | 127976 | 3874075  | 10.76% | 0.341% |
| 168    | 12.108 | 12.088 | 12.134 | VV | 144263 | 3839840  | 10.67% | 0.338% |
| 169    | 12.155 | 12.134 | 12.182 | VV | 139305 | 3923828  | 10.90% | 0.346% |
| 170    | 12.223 | 12.182 | 12.238 | VV | 148090 | 4699752  | 13.05% | 0.414% |
| 171    | 12.279 | 12.238 | 12.320 | VV | 154196 | 7307344  | 20.30% | 0.644% |
| 172    | 12.424 | 12.320 | 12.443 | VV | 167706 | 11727984 | 32.58% | 1.033% |
| 173    | 12.495 | 12.443 | 12.508 | VV | 188459 | 6927069  | 19.24% | 0.610% |
| 174    | 12.533 | 12.508 | 12.562 | VV | 225917 | 6514352  | 18.09% | 0.574% |
| 175    | 12.587 | 12.562 | 12.608 | VV | 193975 | 5207700  | 14.46% | 0.459% |
| 176    | 12.698 | 12.608 | 12.718 | VV | 210578 | 13030336 | 36.19% | 1.148% |
| 177    | 12.781 | 12.718 | 12.804 | VV | 222115 | 11110547 | 30.86% | 0.979% |
| 178    | 12.859 | 12.804 | 12.911 | VV | 231950 | 14113866 | 39.20% | 1.244% |
| 179    | 12.941 | 12.911 | 12.952 | VV | 237516 | 5600133  | 15.55% | 0.493% |
| 180    | 12.968 | 12.952 | 12.980 | VV | 242182 | 4113290  | 11.43% | 0.362% |
| 181    | 13.029 | 12.980 | 13.050 | VV | 264905 | 10458562 | 29.05% | 0.922% |
| 182    | 13.072 | 13.050 | 13.082 | VV | 265601 | 5135159  | 14.26% | 0.452% |
| 183    | 13.096 | 13.082 | 13.117 | VV | 266533 | 5398770  | 15.00% | 0.476% |
| 184    | 13.151 | 13.117 | 13.170 | VV | 266811 | 8232852  | 22.87% | 0.725% |
| 185    | 13.191 | 13.170 | 13.212 | VV | 266137 | 6713114  | 18.65% | 0.592% |
| 186    | 13.249 | 13.212 | 13.264 | VV | 272564 | 8290248  | 23.03% | 0.730% |
| 187    | 13.369 | 13.264 | 13.408 | VV | 685202 | 29930125 | 83.13% | 2.637% |
| 188    | 13.425 | 13.408 | 13.434 | VV | 306739 | 4719307  | 13.11% | 0.416% |
| 189    | 13.473 | 13.434 | 13.497 | VV | 321249 | 11899389 | 33.05% | 1.048% |
| 190    | 13.511 | 13.497 | 13.527 | VV | 316861 | 5604990  | 15.57% | 0.494% |
| 191    | 13.583 | 13.527 | 13.643 | VV | 422123 | 24203577 | 67.23% | 2.133% |
| 192    | 13.703 | 13.643 | 13.737 | VV | 384270 | 19650403 | 54.58% | 1.731% |
| 193    | 13.754 | 13.737 | 13.767 | VV | 355961 | 6466497  | 17.96% | 0.570% |
| 194    | 13.808 | 13.767 | 13.817 | VV | 359550 | 10714291 | 29.76% | 0.944% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 195    | 13.882 | 13.817 | 13.895 | VV | 378358 | 17133849 | 47.59%  | 1.510% |
| 196    | 13.973 | 13.895 | 13.991 | VV | 399563 | 22021957 | 61.17%  | 1.940% |
| 197    | 14.001 | 13.991 | 14.013 | VV | 383264 | 5098116  | 14.16%  | 0.449% |
| 198    | 14.070 | 14.013 | 14.088 | VV | 406582 | 17820504 | 49.50%  | 1.570% |
| 199    | 14.127 | 14.088 | 14.161 | VV | 427668 | 18056648 | 50.15%  | 1.591% |
| 200    | 14.177 | 14.161 | 14.209 | VV | 428581 | 11918487 | 33.10%  | 1.050% |
| 201    | 14.229 | 14.209 | 14.244 | VV | 415332 | 8576253  | 23.82%  | 0.756% |
| 202    | 14.277 | 14.244 | 14.314 | VV | 443669 | 17839815 | 49.55%  | 1.572% |
| 203    | 14.346 | 14.314 | 14.388 | VV | 447659 | 19014297 | 52.81%  | 1.675% |
| 204    | 14.441 | 14.388 | 14.454 | VV | 453184 | 17284156 | 48.01%  | 1.523% |
| 205    | 14.459 | 14.454 | 14.500 | VV | 447471 | 12014855 | 33.37%  | 1.059% |
| 206    | 14.511 | 14.500 | 14.558 | VV | 452190 | 15195905 | 42.21%  | 1.339% |
| 207    | 14.637 | 14.558 | 14.688 | VV | 540872 | 36002414 | 100.00% | 3.172% |
| 208    | 14.707 | 14.688 | 14.736 | VV | 461334 | 12995486 | 36.10%  | 1.145% |
| 209    | 14.780 | 14.736 | 14.824 | VV | 467151 | 23650827 | 65.69%  | 2.084% |
| 210    | 14.834 | 14.824 | 14.844 | VV | 449922 | 5560078  | 15.44%  | 0.490% |
| 211    | 14.858 | 14.844 | 14.885 | VV | 452477 | 10884367 | 30.23%  | 0.959% |
| 212    | 14.893 | 14.885 | 14.909 | VV | 445050 | 6392769  | 17.76%  | 0.563% |
| 213    | 14.949 | 14.909 | 14.987 | VV | 492889 | 21361172 | 59.33%  | 1.882% |
| 214    | 15.008 | 14.987 | 15.024 | VV | 443712 | 9738164  | 27.05%  | 0.858% |
| 215    | 15.037 | 15.024 | 15.060 | VV | 450071 | 9673668  | 26.87%  | 0.852% |
| 216    | 15.071 | 15.060 | 15.116 | VV | 445977 | 14678039 | 40.77%  | 1.293% |
| 217    | 15.126 | 15.116 | 15.131 | VV | 440999 | 3853730  | 10.70%  | 0.340% |
| 218    | 15.145 | 15.131 | 15.158 | VV | 444438 | 7089069  | 19.69%  | 0.625% |
| 219    | 15.167 | 15.158 | 15.191 | VV | 442483 | 8775546  | 24.37%  | 0.773% |
| 220    | 15.209 | 15.191 | 15.219 | VV | 441716 | 7349780  | 20.41%  | 0.648% |
| 221    | 15.243 | 15.219 | 15.284 | VV | 447319 | 16809304 | 46.69%  | 1.481% |
| 222    | 15.301 | 15.284 | 15.310 | VV | 426911 | 6620308  | 18.39%  | 0.583% |
| 223    | 15.320 | 15.310 | 15.336 | VV | 436244 | 6644110  | 18.45%  | 0.585% |
| 224    | 15.348 | 15.336 | 15.361 | VV | 423235 | 6320487  | 17.56%  | 0.557% |
| 225    | 15.373 | 15.361 | 15.401 | VV | 426129 | 9983500  | 27.73%  | 0.880% |
| 226    | 15.415 | 15.401 | 15.451 | VV | 411783 | 12307572 | 34.19%  | 1.084% |
| 227    | 15.470 | 15.451 | 15.484 | VV | 418994 | 8317951  | 23.10%  | 0.733% |
| 228    | 15.493 | 15.484 | 15.525 | VV | 419398 | 9896106  | 27.49%  | 0.872% |
| 229    | 15.555 | 15.525 | 15.581 | VV | 422584 | 13968912 | 38.80%  | 1.231% |
| 230    | 15.588 | 15.581 | 15.608 | VV | 404634 | 6368471  | 17.69%  | 0.561% |
| 231    | 15.622 | 15.608 | 15.659 | VV | 405896 | 12264833 | 34.07%  | 1.081% |
| 232    | 15.670 | 15.659 | 15.726 | VV | 398565 | 15670186 | 43.53%  | 1.381% |
| 233    | 15.737 | 15.726 | 15.821 | VV | 380880 | 21275074 | 59.09%  | 1.875% |
| 234    | 15.826 | 15.821 | 15.874 | VV | 371783 | 11501899 | 31.95%  | 1.013% |
| 235    | 15.891 | 15.874 | 15.927 | VV | 363250 | 11076309 | 30.77%  | 0.976% |
| 236    | 15.947 | 15.927 | 15.964 | VV | 347165 | 7699386  | 21.39%  | 0.678% |
| 237    | 15.972 | 15.964 | 15.993 | VV | 349837 | 5982877  | 16.62%  | 0.527% |
| 238    | 16.011 | 15.993 | 16.037 | VV | 343735 | 8803809  | 24.45%  | 0.776% |
| 239    | 16.054 | 16.037 | 16.104 | VV | 333420 | 13007109 | 36.13%  | 1.146% |
| 240    | 16.116 | 16.104 | 16.195 | VV | 318746 | 16973624 | 47.15%  | 1.496% |
| 241    | 16.209 | 16.195 | 16.238 | VV | 304490 | 7647651  | 21.24%  | 0.674% |
| 242    | 16.272 | 16.238 | 16.348 | VV | 298397 | 19255115 | 53.48%  | 1.697% |
| 243    | 16.356 | 16.348 | 16.375 | VV | 275725 | 4260703  | 11.83%  | 0.375% |
| 244    | 16.391 | 16.375 | 16.409 | VV | 273782 | 5643206  | 15.67%  | 0.497% |
| 245    | 16.441 | 16.409 | 16.500 | VV | 301020 | 14789813 | 41.08%  | 1.303% |
| 246    | 16.513 | 16.500 | 16.531 | VV | 259936 | 4789460  | 13.30%  | 0.422% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 16.541 | 16.531 | 16.593 | VV | 256494 | 9239482  | 25.66% | 0.814% |
| 248    | 16.614 | 16.593 | 16.664 | VV | 255609 | 10232814 | 28.42% | 0.902% |
| 249    | 16.683 | 16.664 | 16.723 | VV | 227651 | 7847365  | 21.80% | 0.691% |
| 250    | 16.737 | 16.723 | 16.801 | VV | 224166 | 10010886 | 27.81% | 0.882% |
|        |        |        |        |    |        |          |        |        |
| 251    | 16.826 | 16.801 | 16.854 | VV | 209530 | 6562022  | 18.23% | 0.578% |
| 252    | 16.873 | 16.854 | 17.021 | VV | 205491 | 19032200 | 52.86% | 1.677% |
| 253    | 17.027 | 17.021 | 17.154 | VV | 175129 | 13193086 | 36.65% | 1.162% |
| 254    | 17.181 | 17.154 | 17.204 | VV | 161697 | 4730780  | 13.14% | 0.417% |
| 255    | 17.220 | 17.204 | 17.408 | VV | 167474 | 17258056 | 47.94% | 1.521% |
|        |        |        |        |    |        |          |        |        |
| 256    | 17.431 | 17.408 | 17.494 | VV | 132102 | 6392164  | 17.75% | 0.563% |
| 257    | 17.506 | 17.494 | 17.555 | VV | 115941 | 4104446  | 11.40% | 0.362% |
| 258    | 17.580 | 17.555 | 17.626 | VV | 110059 | 4545229  | 12.62% | 0.400% |
| 259    | 17.636 | 17.626 | 17.704 | VV | 103806 | 4622269  | 12.84% | 0.407% |
| 260    | 17.722 | 17.704 | 17.748 | VV | 93604  | 2408294  | 6.69%  | 0.212% |
|        |        |        |        |    |        |          |        |        |
| 261    | 17.755 | 17.748 | 17.829 | VV | 92267  | 4236520  | 11.77% | 0.373% |
| 262    | 17.838 | 17.829 | 17.962 | VV | 81950  | 6005501  | 16.68% | 0.529% |
| 263    | 17.972 | 17.962 | 17.977 | VV | 71468  | 656266   | 1.82%  | 0.058% |
| 264    | 17.984 | 17.977 | 18.019 | VV | 71169  | 1723733  | 4.79%  | 0.152% |
| 265    | 18.032 | 18.019 | 18.049 | VV | 68194  | 1201630  | 3.34%  | 0.106% |
|        |        |        |        |    |        |          |        |        |
| 266    | 18.076 | 18.049 | 18.104 | VV | 67435  | 2144685  | 5.96%  | 0.189% |
| 267    | 18.111 | 18.104 | 18.158 | VV | 60964  | 1873423  | 5.20%  | 0.165% |
| 268    | 18.168 | 18.158 | 18.208 | VV | 58094  | 1673403  | 4.65%  | 0.147% |
| 269    | 18.227 | 18.208 | 18.390 | VV | 57703  | 5347443  | 14.85% | 0.471% |
| 270    | 18.401 | 18.390 | 18.415 | VV | 43784  | 632857   | 1.76%  | 0.056% |
|        |        |        |        |    |        |          |        |        |
| 271    | 18.460 | 18.415 | 18.482 | VV | 57440  | 1920215  | 5.33%  | 0.169% |
| 272    | 18.499 | 18.482 | 18.541 | VV | 54068  | 1555399  | 4.32%  | 0.137% |
| 273    | 18.554 | 18.541 | 18.564 | VV | 36279  | 498057   | 1.38%  | 0.044% |
| 274    | 18.591 | 18.564 | 18.651 | VV | 38075  | 1776567  | 4.93%  | 0.157% |
| 275    | 18.656 | 18.651 | 18.688 | VV | 30761  | 647342   | 1.80%  | 0.057% |
|        |        |        |        |    |        |          |        |        |
| 276    | 18.713 | 18.688 | 18.855 | VV | 39775  | 2753831  | 7.65%  | 0.243% |
| 277    | 18.865 | 18.855 | 18.881 | VV | 22479  | 350161   | 0.97%  | 0.031% |
| 278    | 18.903 | 18.881 | 18.981 | VV | 24404  | 1269159  | 3.53%  | 0.112% |
| 279    | 19.012 | 18.981 | 19.039 | VV | 20164  | 664717   | 1.85%  | 0.059% |
| 280    | 19.055 | 19.039 | 19.159 | VV | 17921  | 1139853  | 3.17%  | 0.100% |
|        |        |        |        |    |        |          |        |        |
| 281    | 19.168 | 19.159 | 19.202 | VV | 14348  | 359625   | 1.00%  | 0.032% |
| 282    | 19.226 | 19.202 | 19.253 | VV | 14418  | 420316   | 1.17%  | 0.037% |
| 283    | 19.280 | 19.253 | 19.424 | VV | 17978  | 1311409  | 3.64%  | 0.116% |
| 284    | 19.445 | 19.424 | 19.554 | VV | 9756   | 673442   | 1.87%  | 0.059% |
| 285    | 19.574 | 19.554 | 19.584 | VV | 7612   | 132176   | 0.37%  | 0.012% |
|        |        |        |        |    |        |          |        |        |
| 286    | 19.596 | 19.584 | 19.638 | VV | 7959   | 234323   | 0.65%  | 0.021% |
| 287    | 19.695 | 19.638 | 19.714 | VV | 8265   | 325754   | 0.90%  | 0.029% |
| 288    | 19.750 | 19.714 | 19.784 | VV | 8665   | 305063   | 0.85%  | 0.027% |
| 289    | 19.804 | 19.784 | 19.830 | VV | 6948   | 174274   | 0.48%  | 0.015% |
| 290    | 19.862 | 19.830 | 19.908 | VV | 6792   | 266356   | 0.74%  | 0.023% |
|        |        |        |        |    |        |          |        |        |
| 291    | 19.977 | 19.908 | 20.020 | VV | 5841   | 353239   | 0.98%  | 0.031% |
| 292    | 20.058 | 20.020 | 20.104 | VV | 8036   | 318231   | 0.88%  | 0.028% |
| 293    | 20.121 | 20.104 | 20.131 | VV | 5958   | 91031    | 0.25%  | 0.008% |
| 294    | 20.146 | 20.131 | 20.168 | VV | 5618   | 119954   | 0.33%  | 0.011% |
| 295    | 20.181 | 20.168 | 20.194 | VV | 5679   | 85514    | 0.24%  | 0.008% |
|        |        |        |        |    |        |          |        |        |
| 296    | 20.245 | 20.194 | 20.256 | VV | 6424   | 221044   | 0.61%  | 0.019% |
| 297    | 20.279 | 20.256 | 20.294 | VV | 7059   | 151429   | 0.42%  | 0.013% |
| 298    | 20.319 | 20.294 | 20.331 | VV | 7400   | 157346   | 0.44%  | 0.014% |
| 299    | 20.342 | 20.331 | 20.369 | VV | 7288   | 161464   | 0.45%  | 0.014% |

|                         |        |        |        |    | rteres     |        |       |        |
|-------------------------|--------|--------|--------|----|------------|--------|-------|--------|
| 300                     | 20.383 | 20.369 | 20.390 | VV | 6798       | 84112  | 0.23% | 0.007% |
| 301                     | 20.405 | 20.390 | 20.413 | VV | 7199       | 96330  | 0.27% | 0.008% |
| 302                     | 20.502 | 20.413 | 20.526 | VV | 11080      | 612684 | 1.70% | 0.054% |
| 303                     | 20.592 | 20.526 | 20.638 | VV | 14344      | 788264 | 2.19% | 0.069% |
| 304                     | 20.670 | 20.638 | 20.681 | VV | 9416       | 236846 | 0.66% | 0.021% |
| 305                     | 20.701 | 20.681 | 20.711 | VV | 9506       | 166143 | 0.46% | 0.015% |
| 306                     | 20.744 | 20.711 | 20.764 | VV | 10598      | 316481 | 0.88% | 0.028% |
| 307                     | 20.790 | 20.764 | 20.855 | VV | 10791      | 550355 | 1.53% | 0.048% |
| 308                     | 20.867 | 20.855 | 20.878 | VV | 9894       | 132987 | 0.37% | 0.012% |
| 309                     | 20.896 | 20.878 | 20.914 | VV | 9770       | 208153 | 0.58% | 0.018% |
| 310                     | 20.924 | 20.914 | 20.943 | VV | 9530       | 165820 | 0.46% | 0.015% |
| 311                     | 20.956 | 20.943 | 21.009 | VV | 9572       | 373792 | 1.04% | 0.033% |
| 312                     | 21.025 | 21.009 | 21.073 | VV | 9553       | 353725 | 0.98% | 0.031% |
| 313                     | 21.095 | 21.073 | 21.117 | VV | 9394       | 242517 | 0.67% | 0.021% |
| 314                     | 21.147 | 21.117 | 21.158 | VV | 9153       | 217036 | 0.60% | 0.019% |
| 315                     | 21.174 | 21.158 | 21.232 | VV | 9263       | 386702 | 1.07% | 0.034% |
| 316                     | 21.242 | 21.232 | 21.254 | VV | 8060       | 106370 | 0.30% | 0.009% |
| 317                     | 21.266 | 21.254 | 21.294 | VV | 8183       | 188885 | 0.52% | 0.017% |
| 318                     | 21.306 | 21.294 | 21.327 | VV | 7836       | 152384 | 0.42% | 0.013% |
| 319                     | 21.352 | 21.327 | 21.387 | VV | 7829       | 265046 | 0.74% | 0.023% |
| 320                     | 21.405 | 21.387 | 21.428 | VV | 7666       | 179774 | 0.50% | 0.016% |
| 321                     | 21.437 | 21.428 | 21.455 | VV | 7463       | 116720 | 0.32% | 0.010% |
| 322                     | 21.475 | 21.455 | 21.494 | VV | 7286       | 164736 | 0.46% | 0.015% |
| 323                     | 21.504 | 21.494 | 21.537 | VV | 6923       | 171410 | 0.48% | 0.015% |
| 324                     | 21.546 | 21.537 | 21.567 | VV | 6634       | 111513 | 0.31% | 0.010% |
| 325                     | 21.607 | 21.567 | 21.704 | VV | 6640       | 485432 | 1.35% | 0.043% |
| 326                     | 21.719 | 21.704 | 21.728 | VV | 5102       | 72260  | 0.20% | 0.006% |
| 327                     | 21.735 | 21.728 | 21.774 | VV | 4976       | 121019 | 0.34% | 0.011% |
| 328                     | 21.784 | 21.774 | 21.821 | VV | 4222       | 112747 | 0.31% | 0.010% |
| 329                     | 21.829 | 21.821 | 21.848 | VV | 4000       | 58925  | 0.16% | 0.005% |
| 330                     | 21.854 | 21.848 | 21.877 | VV | 3608       | 58760  | 0.16% | 0.005% |
| 331                     | 21.889 | 21.877 | 22.034 | VV | 3224       | 223544 | 0.62% | 0.020% |
| 332                     | 22.072 | 22.034 | 22.145 | VV | 1950       | 113556 | 0.32% | 0.010% |
| 333                     | 22.157 | 22.145 | 22.221 | VV | 1398       | 37073  | 0.10% | 0.003% |
| Sum of corrected areas: |        |        |        |    | 1134927338 |        |       |        |

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