

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110819AL\  
 Data File : FD031411.D  
 Signal(s) : FID2B.CH  
 Acq On : 09 Nov 2019 10:15  
 Sample : K5722-16  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 110519.M  
 Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.374       | 3.363        | 3.410      | PV       | 111            | 1126         | 0.01%          | 0.000%        |
| 2         | 3.429       | 3.410        | 3.466      | PV       | 371            | 7642         | 0.04%          | 0.001%        |
| 3         | 3.479       | 3.466        | 3.497      | VV       | 210            | 2762         | 0.01%          | 0.000%        |
| 4         | 3.530       | 3.497        | 3.558      | VV       | 435            | 7143         | 0.04%          | 0.001%        |
| 5         | 3.596       | 3.577        | 3.603      | VV       | 401            | 3855         | 0.02%          | 0.000%        |
| 6         | 3.621       | 3.603        | 3.644      | VV       | 2398           | 23997        | 0.13%          | 0.003%        |
| 7         | 3.661       | 3.644        | 3.685      | VV       | 244            | 3461         | 0.02%          | 0.000%        |
| 8         | 3.705       | 3.685        | 3.726      | VV       | 711            | 8078         | 0.04%          | 0.001%        |
| 9         | 3.735       | 3.726        | 3.751      | VV       | 139            | 1301         | 0.01%          | 0.000%        |
| 10        | 3.772       | 3.751        | 3.788      | PV       | 348            | 3765         | 0.02%          | 0.000%        |
| 11        | 3.807       | 3.788        | 3.858      | VV       | 381            | 8208         | 0.04%          | 0.001%        |
| 12        | 3.871       | 3.858        | 3.887      | VV       | 284            | 2518         | 0.01%          | 0.000%        |
| 13        | 3.912       | 3.887        | 3.954      | VV       | 566            | 10901        | 0.06%          | 0.001%        |
| 14        | 3.976       | 3.954        | 3.995      | VV       | 25083          | 191770       | 1.03%          | 0.023%        |
| 15        | 4.005       | 3.995        | 4.068      | VV       | 1239           | 22128        | 0.12%          | 0.003%        |
| 16        | 4.090       | 4.068        | 4.118      | VV       | 304            | 6333         | 0.03%          | 0.001%        |
| 17        | 4.159       | 4.118        | 4.175      | VV       | 594            | 11051        | 0.06%          | 0.001%        |
| 18        | 4.195       | 4.175        | 4.221      | VV       | 612            | 11670        | 0.06%          | 0.001%        |
| 19        | 4.257       | 4.221        | 4.291      | VV       | 411            | 10022        | 0.05%          | 0.001%        |
| 20        | 4.314       | 4.291        | 4.335      | VV       | 206            | 3533         | 0.02%          | 0.000%        |
| 21        | 4.346       | 4.335        | 4.366      | VV       | 367            | 4707         | 0.03%          | 0.001%        |
| 22        | 4.395       | 4.366        | 4.416      | VV       | 668            | 11060        | 0.06%          | 0.001%        |
| 23        | 4.436       | 4.416        | 4.452      | VV       | 562            | 7222         | 0.04%          | 0.001%        |
| 24        | 4.494       | 4.452        | 4.527      | VV       | 1091           | 20524        | 0.11%          | 0.002%        |
| 25        | 4.545       | 4.527        | 4.577      | VV       | 1673           | 17333        | 0.09%          | 0.002%        |
| 26        | 4.608       | 4.577        | 4.635      | VV       | 1597           | 23796        | 0.13%          | 0.003%        |
| 27        | 4.650       | 4.635        | 4.668      | VV       | 571            | 8589         | 0.05%          | 0.001%        |
| 28        | 4.680       | 4.668        | 4.700      | VV       | 514            | 7165         | 0.04%          | 0.001%        |
| 29        | 4.729       | 4.700        | 4.750      | VV       | 1478           | 18896        | 0.10%          | 0.002%        |
| 30        | 4.762       | 4.750        | 4.801      | VV       | 423            | 7455         | 0.04%          | 0.001%        |
| 31        | 4.824       | 4.801        | 4.854      | VV       | 267            | 4876         | 0.03%          | 0.001%        |
| 32        | 4.870       | 4.854        | 4.915      | VV       | 301            | 5605         | 0.03%          | 0.001%        |
| 33        | 4.940       | 4.915        | 4.952      | VV       | 256            | 3984         | 0.02%          | 0.000%        |
| 34        | 4.995       | 4.952        | 5.055      | VV       | 481            | 12678        | 0.07%          | 0.002%        |
| 35        | 5.111       | 5.055        | 5.128      | VV       | 659            | 16361        | 0.09%          | 0.002%        |
| 36        | 5.135       | 5.128        | 5.225      | VV       | 449            | 9711         | 0.05%          | 0.001%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.250 | 5.225 | 5.305 | VV | 759    | 12803  | 0.07% | 0.002% |
| 38 | 5.318 | 5.305 | 5.358 | VV | 294    | 4870   | 0.03% | 0.001% |
| 39 | 5.382 | 5.371 | 5.403 | VV | 192    | 2413   | 0.01% | 0.000% |
| 40 | 5.430 | 5.403 | 5.443 | PV | 649    | 7027   | 0.04% | 0.001% |
| 41 | 5.466 | 5.443 | 5.524 | VV | 755    | 12273  | 0.07% | 0.001% |
| 42 | 5.542 | 5.524 | 5.575 | VV | 314    | 3900   | 0.02% | 0.000% |
| 43 | 5.610 | 5.575 | 5.635 | VV | 380    | 8627   | 0.05% | 0.001% |
| 44 | 5.655 | 5.635 | 5.675 | VV | 411    | 5995   | 0.03% | 0.001% |
| 45 | 5.688 | 5.675 | 5.714 | VV | 318    | 5224   | 0.03% | 0.001% |
| 46 | 5.730 | 5.714 | 5.746 | VV | 337    | 4178   | 0.02% | 0.000% |
| 47 | 5.767 | 5.746 | 5.788 | VV | 388    | 5237   | 0.03% | 0.001% |
| 48 | 5.798 | 5.788 | 5.808 | VV | 138    | 1572   | 0.01% | 0.000% |
| 49 | 5.820 | 5.808 | 5.841 | VV | 266    | 3222   | 0.02% | 0.000% |
| 50 | 5.854 | 5.841 | 5.867 | VV | 275    | 2079   | 0.01% | 0.000% |
| 51 | 5.881 | 5.867 | 5.896 | PV | 339    | 2570   | 0.01% | 0.000% |
| 52 | 5.974 | 5.896 | 6.012 | VV | 2666   | 42605  | 0.23% | 0.005% |
| 53 | 6.023 | 6.012 | 6.031 | VV | 288    | 2674   | 0.01% | 0.000% |
| 54 | 6.045 | 6.031 | 6.057 | VV | 425    | 4506   | 0.02% | 0.001% |
| 55 | 6.077 | 6.057 | 6.097 | VV | 352    | 5076   | 0.03% | 0.001% |
| 56 | 6.130 | 6.097 | 6.183 | VV | 1739   | 26720  | 0.14% | 0.003% |
| 57 | 6.217 | 6.183 | 6.231 | VV | 247    | 3973   | 0.02% | 0.000% |
| 58 | 6.253 | 6.231 | 6.271 | VV | 661    | 9827   | 0.05% | 0.001% |
| 59 | 6.281 | 6.271 | 6.301 | VV | 262    | 2850   | 0.02% | 0.000% |
| 60 | 6.319 | 6.301 | 6.355 | PV | 364    | 5887   | 0.03% | 0.001% |
| 61 | 6.407 | 6.355 | 6.448 | PV | 705    | 11963  | 0.06% | 0.001% |
| 62 | 6.502 | 6.471 | 6.511 | PV | 326    | 4326   | 0.02% | 0.001% |
| 63 | 6.526 | 6.511 | 6.541 | VV | 649    | 7255   | 0.04% | 0.001% |
| 64 | 6.556 | 6.541 | 6.581 | VV | 673    | 8605   | 0.05% | 0.001% |
| 65 | 6.604 | 6.581 | 6.633 | VV | 553    | 7226   | 0.04% | 0.001% |
| 66 | 6.671 | 6.633 | 6.701 | VV | 539    | 11305  | 0.06% | 0.001% |
| 67 | 6.724 | 6.701 | 6.755 | PV | 1044   | 14877  | 0.08% | 0.002% |
| 68 | 6.802 | 6.755 | 6.824 | VV | 402    | 9668   | 0.05% | 0.001% |
| 69 | 6.872 | 6.824 | 6.885 | VV | 924    | 16811  | 0.09% | 0.002% |
| 70 | 6.900 | 6.885 | 6.946 | VV | 1728   | 38024  | 0.20% | 0.005% |
| 71 | 6.965 | 6.946 | 6.988 | VV | 972    | 17816  | 0.10% | 0.002% |
| 72 | 7.024 | 6.988 | 7.042 | VV | 2247   | 33252  | 0.18% | 0.004% |
| 73 | 7.061 | 7.042 | 7.083 | VV | 1921   | 28455  | 0.15% | 0.003% |
| 74 | 7.107 | 7.083 | 7.143 | VV | 2167   | 39669  | 0.21% | 0.005% |
| 75 | 7.160 | 7.143 | 7.181 | VV | 1870   | 23069  | 0.12% | 0.003% |
| 76 | 7.206 | 7.181 | 7.222 | VV | 1303   | 23310  | 0.13% | 0.003% |
| 77 | 7.236 | 7.222 | 7.265 | VV | 1123   | 21774  | 0.12% | 0.003% |
| 78 | 7.286 | 7.265 | 7.303 | VV | 1112   | 20891  | 0.11% | 0.002% |
| 79 | 7.328 | 7.303 | 7.359 | VV | 1654   | 41566  | 0.22% | 0.005% |
| 80 | 7.399 | 7.359 | 7.407 | VV | 1331   | 33369  | 0.18% | 0.004% |
| 81 | 7.418 | 7.407 | 7.429 | VV | 1556   | 17572  | 0.09% | 0.002% |
| 82 | 7.503 | 7.429 | 7.535 | VV | 2919   | 117244 | 0.63% | 0.014% |
| 83 | 7.550 | 7.535 | 7.569 | VV | 1943   | 33228  | 0.18% | 0.004% |
| 84 | 7.618 | 7.569 | 7.644 | VV | 4456   | 114947 | 0.62% | 0.014% |
| 85 | 7.663 | 7.644 | 7.688 | VV | 2625   | 60599  | 0.33% | 0.007% |
| 86 | 7.709 | 7.688 | 7.721 | VV | 2934   | 50917  | 0.27% | 0.006% |
| 87 | 7.753 | 7.721 | 7.776 | VV | 5679   | 133597 | 0.72% | 0.016% |
| 88 | 7.803 | 7.776 | 7.823 | VV | 4489   | 104140 | 0.56% | 0.012% |
| 89 | 7.842 | 7.823 | 7.856 | VV | 3702   | 69217  | 0.37% | 0.008% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.897  | 7.856  | 7.913  | VV | 5419   | 153801  | 0.83%  | 0.018% |
| 91  | 7.936  | 7.913  | 7.978  | VV | 8235   | 227567  | 1.22%  | 0.027% |
| 92  | 8.016  | 7.978  | 8.053  | VV | 9628   | 302182  | 1.62%  | 0.036% |
| 93  | 8.077  | 8.053  | 8.096  | VV | 7983   | 184782  | 0.99%  | 0.022% |
| 94  | 8.118  | 8.096  | 8.132  | VV | 8085   | 152826  | 0.82%  | 0.018% |
| 95  | 8.193  | 8.132  | 8.218  | VV | 9804   | 445617  | 2.39%  | 0.053% |
| 96  | 8.252  | 8.218  | 8.275  | VV | 40454  | 609812  | 3.28%  | 0.072% |
| 97  | 8.299  | 8.275  | 8.321  | VV | 18698  | 357328  | 1.92%  | 0.042% |
| 98  | 8.356  | 8.321  | 8.395  | VV | 22301  | 624383  | 3.36%  | 0.074% |
| 99  | 8.413  | 8.395  | 8.429  | VV | 14701  | 265305  | 1.43%  | 0.031% |
| 100 | 8.462  | 8.429  | 8.507  | VV | 15134  | 637266  | 3.42%  | 0.076% |
| 101 | 8.554  | 8.507  | 8.567  | VV | 20974  | 549582  | 2.95%  | 0.065% |
| 102 | 8.585  | 8.567  | 8.606  | VV | 22313  | 460166  | 2.47%  | 0.055% |
| 103 | 8.652  | 8.606  | 8.672  | VV | 34008  | 856022  | 4.60%  | 0.101% |
| 104 | 8.689  | 8.672  | 8.697  | VV | 23073  | 326527  | 1.75%  | 0.039% |
| 105 | 8.718  | 8.697  | 8.781  | VV | 33311  | 1283908 | 6.90%  | 0.152% |
| 106 | 8.813  | 8.781  | 8.830  | VV | 27565  | 713323  | 3.83%  | 0.085% |
| 107 | 8.847  | 8.830  | 8.858  | VV | 27746  | 437831  | 2.35%  | 0.052% |
| 108 | 8.876  | 8.858  | 8.898  | VV | 28929  | 643371  | 3.46%  | 0.076% |
| 109 | 8.938  | 8.898  | 8.949  | VV | 31912  | 864896  | 4.65%  | 0.103% |
| 110 | 8.955  | 8.949  | 8.969  | VV | 30912  | 355666  | 1.91%  | 0.042% |
| 111 | 8.983  | 8.969  | 9.018  | VV | 31298  | 869728  | 4.67%  | 0.103% |
| 112 | 9.056  | 9.018  | 9.068  | VV | 32610  | 907352  | 4.88%  | 0.108% |
| 113 | 9.100  | 9.068  | 9.125  | VV | 36328  | 1125140 | 6.05%  | 0.133% |
| 114 | 9.153  | 9.125  | 9.194  | VV | 36240  | 1392012 | 7.48%  | 0.165% |
| 115 | 9.222  | 9.194  | 9.230  | VV | 42106  | 829890  | 4.46%  | 0.098% |
| 116 | 9.242  | 9.230  | 9.275  | VV | 42380  | 1095817 | 5.89%  | 0.130% |
| 117 | 9.326  | 9.275  | 9.360  | VV | 52514  | 2371418 | 12.74% | 0.281% |
| 118 | 9.403  | 9.360  | 9.434  | VV | 71029  | 2482233 | 13.34% | 0.294% |
| 119 | 9.463  | 9.434  | 9.501  | VV | 64816  | 2245021 | 12.06% | 0.266% |
| 120 | 9.522  | 9.501  | 9.531  | VV | 55066  | 972547  | 5.23%  | 0.115% |
| 121 | 9.555  | 9.531  | 9.593  | VV | 63853  | 2240559 | 12.04% | 0.266% |
| 122 | 9.630  | 9.593  | 9.655  | VV | 61289  | 2153031 | 11.57% | 0.255% |
| 123 | 9.702  | 9.655  | 9.719  | VV | 70890  | 2443783 | 13.13% | 0.290% |
| 124 | 9.752  | 9.719  | 9.776  | VV | 77989  | 2502399 | 13.45% | 0.297% |
| 125 | 9.797  | 9.776  | 9.818  | VV | 82097  | 1915984 | 10.30% | 0.227% |
| 126 | 9.849  | 9.818  | 9.859  | VV | 79661  | 1885551 | 10.13% | 0.224% |
| 127 | 9.894  | 9.859  | 9.935  | VV | 87226  | 3698639 | 19.87% | 0.439% |
| 128 | 9.961  | 9.935  | 9.984  | VV | 91016  | 2540553 | 13.65% | 0.301% |
| 129 | 10.028 | 9.984  | 10.047 | VV | 96511  | 3492386 | 18.77% | 0.414% |
| 130 | 10.064 | 10.047 | 10.080 | VV | 98190  | 1932916 | 10.39% | 0.229% |
| 131 | 10.117 | 10.080 | 10.131 | VV | 105018 | 3078177 | 16.54% | 0.365% |
| 132 | 10.179 | 10.131 | 10.204 | VV | 176918 | 5630859 | 30.26% | 0.668% |
| 133 | 10.257 | 10.204 | 10.285 | VV | 129796 | 6009978 | 32.29% | 0.713% |
| 134 | 10.326 | 10.285 | 10.351 | VV | 143127 | 5112288 | 27.47% | 0.606% |
| 135 | 10.372 | 10.351 | 10.402 | VV | 132632 | 3841637 | 20.64% | 0.455% |
| 136 | 10.424 | 10.402 | 10.441 | VV | 144881 | 3179500 | 17.08% | 0.377% |
| 137 | 10.461 | 10.441 | 10.483 | VV | 149203 | 3600661 | 19.35% | 0.427% |
| 138 | 10.544 | 10.483 | 10.564 | VV | 163729 | 7418234 | 39.86% | 0.879% |
| 139 | 10.603 | 10.564 | 10.628 | VV | 354528 | 8781324 | 47.19% | 1.041% |
| 140 | 10.644 | 10.628 | 10.680 | VV | 182287 | 5260430 | 28.27% | 0.624% |
| 141 | 10.695 | 10.680 | 10.711 | VV | 159699 | 3007053 | 16.16% | 0.357% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 10.730 | 10.711 | 10.748 | VV | 178699 | 3675809  | 19.75%  | 0.436% |
| 143    | 10.770 | 10.748 | 10.788 | VV | 202171 | 4525495  | 24.32%  | 0.537% |
| 144    | 10.804 | 10.788 | 10.829 | VV | 190855 | 4487707  | 24.11%  | 0.532% |
| 145    | 10.852 | 10.829 | 10.888 | VV | 199114 | 6452804  | 34.67%  | 0.765% |
| 146    | 10.922 | 10.888 | 10.968 | VV | 208010 | 9313323  | 50.04%  | 1.104% |
| 147    | 11.014 | 10.968 | 11.028 | VV | 206908 | 6973741  | 37.47%  | 0.827% |
| 148    | 11.038 | 11.028 | 11.044 | VV | 201072 | 1940183  | 10.43%  | 0.230% |
| 149    | 11.064 | 11.044 | 11.108 | VV | 212004 | 7979153  | 42.87%  | 0.946% |
| 150    | 11.127 | 11.108 | 11.141 | VV | 209321 | 4096086  | 22.01%  | 0.486% |
| 151    | 11.204 | 11.141 | 11.216 | VV | 222290 | 9733081  | 52.30%  | 1.154% |
| 152    | 11.230 | 11.216 | 11.238 | VV | 219667 | 2797048  | 15.03%  | 0.332% |
| 153    | 11.252 | 11.238 | 11.271 | VV | 222825 | 4368710  | 23.47%  | 0.518% |
| 154    | 11.324 | 11.271 | 11.356 | VV | 411992 | 13794296 | 74.12%  | 1.635% |
| 155    | 11.376 | 11.356 | 11.408 | VV | 226299 | 6901041  | 37.08%  | 0.818% |
| 156    | 11.428 | 11.408 | 11.446 | VV | 225314 | 5027940  | 27.02%  | 0.596% |
| 157    | 11.466 | 11.446 | 11.485 | VV | 227324 | 5240228  | 28.16%  | 0.621% |
| 158    | 11.547 | 11.485 | 11.576 | VV | 719248 | 18420479 | 98.98%  | 2.184% |
| 159    | 11.604 | 11.576 | 11.619 | VV | 253261 | 6276037  | 33.72%  | 0.744% |
| 160    | 11.627 | 11.619 | 11.648 | VV | 246397 | 4199297  | 22.56%  | 0.498% |
| 161    | 11.692 | 11.648 | 11.705 | VV | 256926 | 8332944  | 44.78%  | 0.988% |
| 162    | 11.728 | 11.705 | 11.766 | VV | 277383 | 9634535  | 51.77%  | 1.142% |
| 163    | 11.783 | 11.766 | 11.818 | VV | 262013 | 8090909  | 43.48%  | 0.959% |
| 164    | 11.845 | 11.818 | 11.853 | VV | 265196 | 5429572  | 29.18%  | 0.644% |
| 165    | 11.880 | 11.853 | 11.908 | VV | 332854 | 9632881  | 51.76%  | 1.142% |
| 166    | 11.919 | 11.908 | 11.951 | VV | 268751 | 6703139  | 36.02%  | 0.795% |
| 167    | 11.981 | 11.951 | 11.990 | VV | 261523 | 5848168  | 31.42%  | 0.693% |
| 168    | 12.009 | 11.990 | 12.019 | VV | 271642 | 4605720  | 24.75%  | 0.546% |
| 169    | 12.027 | 12.019 | 12.075 | VV | 271874 | 8741198  | 46.97%  | 1.036% |
| 170    | 12.148 | 12.075 | 12.185 | VV | 362915 | 18610277 | 100.00% | 2.206% |
| 171    | 12.193 | 12.185 | 12.241 | VV | 267799 | 8832190  | 47.46%  | 1.047% |
| 172    | 12.262 | 12.241 | 12.283 | VV | 268646 | 6625896  | 35.60%  | 0.786% |
| 173    | 12.312 | 12.283 | 12.346 | VV | 272972 | 9931416  | 53.37%  | 1.177% |
| 174    | 12.396 | 12.346 | 12.433 | VV | 277707 | 14069231 | 75.60%  | 1.668% |
| 175    | 12.468 | 12.433 | 12.520 | VV | 296708 | 14494962 | 77.89%  | 1.718% |
| 176    | 12.540 | 12.520 | 12.561 | VV | 290210 | 6828505  | 36.69%  | 0.810% |
| 177    | 12.588 | 12.561 | 12.613 | VV | 327213 | 8918513  | 47.92%  | 1.057% |
| 178    | 12.648 | 12.613 | 12.668 | VV | 277336 | 8840529  | 47.50%  | 1.048% |
| 179    | 12.681 | 12.668 | 12.708 | VV | 277144 | 6400124  | 34.39%  | 0.759% |
| 180    | 12.723 | 12.708 | 12.736 | VV | 259856 | 4252913  | 22.85%  | 0.504% |
| 181    | 12.750 | 12.736 | 12.762 | VV | 259989 | 4111623  | 22.09%  | 0.487% |
| 182    | 12.804 | 12.762 | 12.844 | VV | 269915 | 12792651 | 68.74%  | 1.517% |
| 183    | 12.885 | 12.844 | 12.918 | VV | 311046 | 12170396 | 65.40%  | 1.443% |
| 184    | 12.928 | 12.918 | 12.935 | VV | 258786 | 2579515  | 13.86%  | 0.306% |
| 185    | 12.980 | 12.935 | 13.008 | VV | 629413 | 15780086 | 84.79%  | 1.871% |
| 186    | 13.031 | 13.008 | 13.062 | VV | 294529 | 8963411  | 48.16%  | 1.063% |
| 187    | 13.083 | 13.062 | 13.105 | VV | 276035 | 6886589  | 37.00%  | 0.816% |
| 188    | 13.118 | 13.105 | 13.138 | VV | 263306 | 5141192  | 27.63%  | 0.610% |
| 189    | 13.154 | 13.138 | 13.170 | VV | 272314 | 5049836  | 27.13%  | 0.599% |
| 190    | 13.196 | 13.170 | 13.234 | VV | 289370 | 10545678 | 56.67%  | 1.250% |
| 191    | 13.245 | 13.234 | 13.266 | VV | 259255 | 4883298  | 26.24%  | 0.579% |
| 192    | 13.282 | 13.266 | 13.293 | VV | 256016 | 4016278  | 21.58%  | 0.476% |
| 193    | 13.313 | 13.293 | 13.335 | VV | 272117 | 6533347  | 35.11%  | 0.775% |
| 194    | 13.371 | 13.335 | 13.398 | VV | 343915 | 10717628 | 57.59%  | 1.271% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 13.418 | 13.398 | 13.440 | VV | 270795 | 6775318  | 36.41% | 0.803% |
| 196 | 13.461 | 13.440 | 13.503 | VV | 269799 | 9726333  | 52.26% | 1.153% |
| 197 | 13.581 | 13.503 | 13.605 | VV | 264566 | 15340578 | 82.43% | 1.819% |
| 198 | 13.640 | 13.605 | 13.691 | VV | 260100 | 12914038 | 69.39% | 1.531% |
| 199 | 13.730 | 13.691 | 13.762 | VV | 259216 | 10523335 | 56.55% | 1.248% |
| 200 | 13.779 | 13.762 | 13.822 | VV | 249860 | 8823856  | 47.41% | 1.046% |
| 201 | 13.880 | 13.822 | 13.924 | VV | 253527 | 14585260 | 78.37% | 1.729% |
| 202 | 13.955 | 13.924 | 13.990 | VV | 258828 | 9699161  | 52.12% | 1.150% |
| 203 | 14.004 | 13.990 | 14.071 | VV | 239015 | 11173044 | 60.04% | 1.325% |
| 204 | 14.089 | 14.071 | 14.097 | VV | 224974 | 3453480  | 18.56% | 0.409% |
| 205 | 14.110 | 14.097 | 14.168 | VV | 231866 | 9597439  | 51.57% | 1.138% |
| 206 | 14.193 | 14.168 | 14.217 | VV | 229189 | 6611484  | 35.53% | 0.784% |
| 207 | 14.237 | 14.217 | 14.268 | VV | 225181 | 6589412  | 35.41% | 0.781% |
| 208 | 14.289 | 14.268 | 14.335 | VV | 209523 | 8230872  | 44.23% | 0.976% |
| 209 | 14.356 | 14.335 | 14.395 | VV | 217406 | 7610860  | 40.90% | 0.902% |
| 210 | 14.412 | 14.395 | 14.478 | VV | 221504 | 10394155 | 55.85% | 1.232% |
| 211 | 14.498 | 14.478 | 14.518 | VV | 199584 | 4648372  | 24.98% | 0.551% |
| 212 | 14.540 | 14.518 | 14.650 | VV | 200298 | 14665057 | 78.80% | 1.739% |
| 213 | 14.669 | 14.650 | 14.688 | VV | 176976 | 3956418  | 21.26% | 0.469% |
| 214 | 14.703 | 14.688 | 14.719 | VV | 175940 | 3242033  | 17.42% | 0.384% |
| 215 | 14.749 | 14.719 | 14.770 | VV | 196643 | 5553030  | 29.84% | 0.658% |
| 216 | 14.789 | 14.770 | 14.815 | VV | 197741 | 4763667  | 25.60% | 0.565% |
| 217 | 14.820 | 14.815 | 14.829 | VV | 163942 | 1347475  | 7.24%  | 0.160% |
| 218 | 14.847 | 14.829 | 14.938 | VV | 171400 | 10432323 | 56.06% | 1.237% |
| 219 | 14.960 | 14.938 | 15.036 | VV | 157075 | 8445771  | 45.38% | 1.001% |
| 220 | 15.077 | 15.036 | 15.131 | VV | 138444 | 7699512  | 41.37% | 0.913% |
| 221 | 15.154 | 15.131 | 15.172 | VV | 129701 | 3099166  | 16.65% | 0.367% |
| 222 | 15.194 | 15.172 | 15.231 | VV | 150559 | 4693101  | 25.22% | 0.556% |
| 223 | 15.252 | 15.231 | 15.320 | VV | 120918 | 6164977  | 33.13% | 0.731% |
| 224 | 15.342 | 15.320 | 15.448 | VV | 119535 | 8567940  | 46.04% | 1.016% |
| 225 | 15.456 | 15.448 | 15.544 | VV | 100539 | 5465791  | 29.37% | 0.648% |
| 226 | 15.561 | 15.544 | 15.577 | VV | 94490  | 1827354  | 9.82%  | 0.217% |
| 227 | 15.588 | 15.577 | 15.625 | VV | 93200  | 2567872  | 13.80% | 0.304% |
| 228 | 15.656 | 15.625 | 15.782 | VV | 96219  | 7823341  | 42.04% | 0.928% |
| 229 | 15.791 | 15.782 | 15.810 | VV | 75498  | 1205453  | 6.48%  | 0.143% |
| 230 | 15.838 | 15.810 | 15.994 | VV | 85077  | 7650216  | 41.11% | 0.907% |
| 231 | 16.021 | 15.994 | 16.065 | VV | 65797  | 2733867  | 14.69% | 0.324% |
| 232 | 16.075 | 16.065 | 16.108 | VV | 61419  | 1504911  | 8.09%  | 0.178% |
| 233 | 16.132 | 16.108 | 16.176 | VV | 61719  | 2447046  | 13.15% | 0.290% |
| 234 | 16.199 | 16.176 | 16.258 | VV | 60239  | 2754215  | 14.80% | 0.327% |
| 235 | 16.295 | 16.258 | 16.379 | VV | 91595  | 4524962  | 24.31% | 0.536% |
| 236 | 16.423 | 16.379 | 16.508 | VV | 52017  | 3541651  | 19.03% | 0.420% |
| 237 | 16.544 | 16.508 | 16.566 | VV | 45025  | 1510107  | 8.11%  | 0.179% |
| 238 | 16.608 | 16.566 | 16.638 | VV | 72240  | 2284851  | 12.28% | 0.271% |
| 239 | 16.668 | 16.638 | 16.715 | VV | 58295  | 1965214  | 10.56% | 0.233% |
| 240 | 16.733 | 16.715 | 16.740 | VV | 35744  | 542284   | 2.91%  | 0.064% |
| 241 | 16.778 | 16.740 | 16.805 | VV | 66866  | 1825110  | 9.81%  | 0.216% |
| 242 | 16.828 | 16.805 | 16.864 | VV | 45219  | 1367636  | 7.35%  | 0.162% |
| 243 | 16.879 | 16.864 | 16.891 | VV | 34038  | 546106   | 2.93%  | 0.065% |
| 244 | 16.906 | 16.891 | 16.941 | VV | 34909  | 1003478  | 5.39%  | 0.119% |
| 245 | 16.971 | 16.941 | 16.991 | VV | 31749  | 946959   | 5.09%  | 0.112% |
| 246 | 17.027 | 16.991 | 17.065 | VV | 36167  | 1425724  | 7.66%  | 0.169% |

| rteres |        |        |        |    |       |         |       |        |
|--------|--------|--------|--------|----|-------|---------|-------|--------|
| 247    | 17.076 | 17.065 | 17.128 | VV | 29188 | 1061193 | 5.70% | 0.126% |
| 248    | 17.168 | 17.128 | 17.200 | VV | 29653 | 1235405 | 6.64% | 0.146% |
| 249    | 17.228 | 17.200 | 17.286 | VV | 56806 | 1728411 | 9.29% | 0.205% |
| 250    | 17.303 | 17.286 | 17.311 | VV | 24827 | 367928  | 1.98% | 0.044% |
|        |        |        |        |    |       |         |       |        |
| 251    | 17.342 | 17.311 | 17.382 | VV | 25600 | 1038187 | 5.58% | 0.123% |
| 252    | 17.391 | 17.382 | 17.414 | VV | 21915 | 408818  | 2.20% | 0.048% |
| 253    | 17.447 | 17.414 | 17.484 | VV | 22950 | 878426  | 4.72% | 0.104% |
| 254    | 17.512 | 17.484 | 17.539 | VV | 22372 | 682034  | 3.66% | 0.081% |
| 255    | 17.559 | 17.539 | 17.595 | VV | 20467 | 658335  | 3.54% | 0.078% |
|        |        |        |        |    |       |         |       |        |
| 256    | 17.660 | 17.595 | 17.698 | VV | 52169 | 1696675 | 9.12% | 0.201% |
| 257    | 17.711 | 17.698 | 17.732 | VV | 18721 | 361447  | 1.94% | 0.043% |
| 258    | 17.756 | 17.732 | 17.772 | VV | 18532 | 419945  | 2.26% | 0.050% |
| 259    | 18.800 | 17.772 | 17.852 | VV | 20771 | 913594  | 4.91% | 0.108% |
| 260    | 17.868 | 17.852 | 17.905 | VV | 18041 | 516504  | 2.78% | 0.061% |
|        |        |        |        |    |       |         |       |        |
| 261    | 17.936 | 17.905 | 17.982 | VV | 20685 | 766887  | 4.12% | 0.091% |
| 262    | 18.020 | 17.982 | 18.047 | VV | 37102 | 954935  | 5.13% | 0.113% |
| 263    | 18.080 | 18.047 | 18.127 | VV | 40122 | 1067125 | 5.73% | 0.127% |
| 264    | 18.184 | 18.127 | 18.251 | VV | 18204 | 1024322 | 5.50% | 0.121% |
| 265    | 18.278 | 18.251 | 18.308 | VV | 29020 | 581035  | 3.12% | 0.069% |
|        |        |        |        |    |       |         |       |        |
| 266    | 18.349 | 18.308 | 18.385 | VV | 11645 | 506401  | 2.72% | 0.060% |
| 267    | 18.403 | 18.385 | 18.448 | VV | 11473 | 372905  | 2.00% | 0.044% |
| 268    | 18.487 | 18.448 | 18.551 | VV | 27235 | 801871  | 4.31% | 0.095% |
| 269    | 18.590 | 18.551 | 18.613 | VV | 11532 | 344346  | 1.85% | 0.041% |
| 270    | 18.642 | 18.613 | 18.658 | VV | 9040  | 227935  | 1.22% | 0.027% |
|        |        |        |        |    |       |         |       |        |
| 271    | 18.678 | 18.658 | 18.726 | VV | 8793  | 333594  | 1.79% | 0.040% |
| 272    | 18.742 | 18.726 | 18.761 | VV | 8182  | 167434  | 0.90% | 0.020% |
| 273    | 18.791 | 18.761 | 18.805 | VV | 8382  | 201700  | 1.08% | 0.024% |
| 274    | 18.833 | 18.805 | 18.858 | VV | 15472 | 343563  | 1.85% | 0.041% |
| 275    | 18.883 | 18.858 | 18.911 | VV | 14846 | 341252  | 1.83% | 0.040% |
|        |        |        |        |    |       |         |       |        |
| 276    | 18.922 | 18.911 | 18.935 | VV | 7733  | 105940  | 0.57% | 0.013% |
| 277    | 18.955 | 18.935 | 18.965 | VV | 8588  | 145176  | 0.78% | 0.017% |
| 278    | 18.978 | 18.965 | 19.031 | VV | 8423  | 280301  | 1.51% | 0.033% |
| 279    | 19.063 | 19.031 | 19.100 | VV | 7044  | 268218  | 1.44% | 0.032% |
| 280    | 19.124 | 19.100 | 19.146 | VV | 6490  | 165363  | 0.89% | 0.020% |
|        |        |        |        |    |       |         |       |        |
| 281    | 19.171 | 19.146 | 19.208 | VV | 6471  | 215646  | 1.16% | 0.026% |
| 282    | 19.216 | 19.208 | 19.221 | VV | 5379  | 41853   | 0.22% | 0.005% |
| 283    | 19.268 | 19.221 | 19.306 | VV | 8826  | 344445  | 1.85% | 0.041% |
| 284    | 19.358 | 19.306 | 19.388 | VV | 8949  | 339862  | 1.83% | 0.040% |
| 285    | 19.427 | 19.388 | 19.458 | VV | 13007 | 352667  | 1.90% | 0.042% |
|        |        |        |        |    |       |         |       |        |
| 286    | 19.492 | 19.458 | 19.522 | VV | 11119 | 310261  | 1.67% | 0.037% |
| 287    | 19.545 | 19.522 | 19.564 | VV | 8073  | 183879  | 0.99% | 0.022% |
| 288    | 19.575 | 19.564 | 19.594 | VV | 7241  | 124823  | 0.67% | 0.015% |
| 289    | 19.611 | 19.594 | 19.622 | VV | 7719  | 125257  | 0.67% | 0.015% |
| 290    | 19.634 | 19.622 | 19.658 | VV | 7693  | 151913  | 0.82% | 0.018% |
|        |        |        |        |    |       |         |       |        |
| 291    | 19.672 | 19.658 | 19.688 | VV | 6931  | 120096  | 0.65% | 0.014% |
| 292    | 19.701 | 19.688 | 19.721 | VV | 7005  | 130852  | 0.70% | 0.016% |
| 293    | 19.799 | 19.721 | 19.825 | VV | 12041 | 495163  | 2.66% | 0.059% |
| 294    | 19.860 | 19.825 | 19.911 | VV | 8102  | 352791  | 1.90% | 0.042% |
| 295    | 19.937 | 19.911 | 19.967 | VV | 6465  | 211144  | 1.13% | 0.025% |
|        |        |        |        |    |       |         |       |        |
| 296    | 20.002 | 19.967 | 20.031 | VV | 8010  | 274253  | 1.47% | 0.033% |
| 297    | 20.058 | 20.031 | 20.081 | VV | 6989  | 199352  | 1.07% | 0.024% |
| 298    | 20.151 | 20.081 | 20.198 | VV | 6537  | 424322  | 2.28% | 0.050% |
| 299    | 20.234 | 20.198 | 20.248 | VV | 6627  | 190754  | 1.02% | 0.023% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 300 | 20.265 | 20.248 | 20.291 | VV | 7070   | 176746 | 0.95% | 0.021% |
| 301 | 20.370 | 20.291 | 20.424 | VV | 8063   | 562287 | 3.02% | 0.067% |
| 302 | 20.454 | 20.424 | 20.495 | VV | 7169   | 279946 | 1.50% | 0.033% |
| 303 | 20.527 | 20.495 | 20.601 | VV | 6641   | 379071 | 2.04% | 0.045% |
| 304 | 20.618 | 20.601 | 20.640 | VV | 5641   | 125864 | 0.68% | 0.015% |
| 305 | 20.651 | 20.640 | 20.685 | VV | 5429   | 134902 | 0.72% | 0.016% |
| 306 | 20.715 | 20.685 | 20.748 | VV | 5675   | 198428 | 1.07% | 0.024% |
| 307 | 20.778 | 20.748 | 20.855 | VV | 6302   | 349818 | 1.88% | 0.041% |
| 308 | 20.873 | 20.855 | 20.933 | VV | 5179   | 204752 | 1.10% | 0.024% |
| 309 | 20.969 | 20.933 | 21.007 | VV | 4710   | 178065 | 0.96% | 0.021% |
| 310 | 21.052 | 21.007 | 21.084 | VV | 5013   | 190135 | 1.02% | 0.023% |
| 311 | 21.134 | 21.084 | 21.158 | VV | 6698   | 226364 | 1.22% | 0.027% |
| 312 | 21.172 | 21.158 | 21.231 | VV | 4618   | 160079 | 0.86% | 0.019% |
| 313 | 21.248 | 21.231 | 21.271 | VV | 2743   | 62767  | 0.34% | 0.007% |
| 314 | 21.286 | 21.271 | 21.318 | VV | 2651   | 65241  | 0.35% | 0.008% |
| 315 | 21.334 | 21.318 | 21.373 | VV | 2273   | 62988  | 0.34% | 0.007% |
| 316 | 21.417 | 21.373 | 21.460 | VV | 3190   | 102324 | 0.55% | 0.012% |
| 317 | 21.494 | 21.460 | 21.525 | VV | 2948   | 75029  | 0.40% | 0.009% |
| 318 | 21.545 | 21.525 | 21.561 | VV | 1355   | 24835  | 0.13% | 0.003% |
| 319 | 21.588 | 21.561 | 21.613 | VV | 1794   | 42245  | 0.23% | 0.005% |
| 320 | 21.628 | 21.613 | 21.691 | VV | 1310   | 32765  | 0.18% | 0.004% |

Sum of corrected areas: 843471696

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