

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051523AL\  
Data File : FE041912.D  
Signal(s) : FID1B.ch  
Acq On : 15 May 2023 11:54  
Sample : 02750-02DL 2X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.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         | 3.350       | 3.305        | 3.414      | BV       | 222            | 6225         | 0.10%          | 0.007%        |
| 2         | 3.435       | 3.414        | 3.442      | VV       | 102            | 771          | 0.01%          | 0.001%        |
| 3         | 3.466       | 3.442        | 3.484      | PV       | 162            | 2396         | 0.04%          | 0.003%        |
| 4         | 3.527       | 3.484        | 3.545      | VV       | 166            | 2637         | 0.04%          | 0.003%        |
| 5         | 3.560       | 3.545        | 3.611      | VV       | 192            | 4564         | 0.07%          | 0.005%        |
| 6         | 3.636       | 3.611        | 3.645      | VV       | 171            | 2281         | 0.04%          | 0.003%        |
| 7         | 3.669       | 3.645        | 3.680      | VV       | 199            | 2989         | 0.05%          | 0.003%        |
| 8         | 3.702       | 3.680        | 3.721      | VV       | 692            | 8692         | 0.14%          | 0.010%        |
| 9         | 3.734       | 3.721        | 3.774      | VV       | 141            | 3570         | 0.06%          | 0.004%        |
| 10        | 3.791       | 3.774        | 3.806      | VV       | 276            | 3613         | 0.06%          | 0.004%        |
| 11        | 3.819       | 3.806        | 3.917      | VV       | 260            | 9505         | 0.15%          | 0.011%        |
| 12        | 3.934       | 3.917        | 3.968      | VV       | 319            | 4790         | 0.08%          | 0.006%        |
| 13        | 3.982       | 3.968        | 4.018      | VV       | 144            | 2841         | 0.04%          | 0.003%        |
| 14        | 4.034       | 4.018        | 4.091      | VV       | 276            | 5560         | 0.09%          | 0.006%        |
| 15        | 4.102       | 4.091        | 4.107      | VV       | 81             | 535          | 0.01%          | 0.001%        |
| 16        | 4.139       | 4.107        | 4.159      | VV       | 266            | 4359         | 0.07%          | 0.005%        |
| 17        | 4.192       | 4.159        | 4.236      | VV       | 266            | 8012         | 0.13%          | 0.009%        |
| 18        | 4.248       | 4.236        | 4.284      | VV       | 254            | 4121         | 0.06%          | 0.005%        |
| 19        | 4.301       | 4.284        | 4.310      | VV       | 172            | 2211         | 0.03%          | 0.003%        |
| 20        | 4.326       | 4.310        | 4.351      | VV       | 325            | 5273         | 0.08%          | 0.006%        |
| 21        | 4.363       | 4.351        | 4.401      | VV       | 290            | 6588         | 0.10%          | 0.008%        |
| 22        | 4.414       | 4.401        | 4.449      | VV       | 219            | 4132         | 0.07%          | 0.005%        |
| 23        | 4.488       | 4.449        | 4.501      | VV       | 165            | 4069         | 0.06%          | 0.005%        |
| 24        | 4.504       | 4.501        | 4.524      | VV       | 194            | 1541         | 0.02%          | 0.002%        |
| 25        | 4.542       | 4.524        | 4.558      | VV       | 202            | 2870         | 0.05%          | 0.003%        |
| 26        | 4.601       | 4.558        | 4.635      | VV       | 461            | 10830        | 0.17%          | 0.013%        |
| 27        | 4.642       | 4.635        | 4.658      | VV       | 276            | 2773         | 0.04%          | 0.003%        |
| 28        | 4.675       | 4.658        | 4.701      | VV       | 212            | 4082         | 0.06%          | 0.005%        |
| 29        | 4.717       | 4.701        | 4.738      | VV       | 290            | 3627         | 0.06%          | 0.004%        |
| 30        | 4.768       | 4.738        | 4.793      | VV       | 214            | 4874         | 0.08%          | 0.006%        |
| 31        | 4.821       | 4.793        | 4.865      | VV       | 312            | 8669         | 0.14%          | 0.010%        |
| 32        | 4.887       | 4.865        | 4.901      | VV       | 425            | 4947         | 0.08%          | 0.006%        |
| 33        | 4.912       | 4.901        | 4.955      | VV       | 279            | 6047         | 0.10%          | 0.007%        |
| 34        | 4.968       | 4.955        | 4.979      | VV       | 261            | 2843         | 0.04%          | 0.003%        |
| 35        | 5.013       | 4.979        | 5.032      | VV       | 320            | 7652         | 0.12%          | 0.009%        |
| 36        | 5.062       | 5.032        | 5.098      | VV       | 279            | 7985         | 0.13%          | 0.009%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 5.111 | 5.098 | 5.178 | VV | 276    | 7787  | 0.12% | 0.009% |
| 38 | 5.182 | 5.178 | 5.251 | VV | 207    | 4377  | 0.07% | 0.005% |
| 39 | 5.261 | 5.251 | 5.269 | VV | 114    | 737   | 0.01% | 0.001% |
| 40 | 5.282 | 5.269 | 5.294 | PV | 184    | 1655  | 0.03% | 0.002% |
| 41 | 5.308 | 5.294 | 5.338 | VV | 220    | 3169  | 0.05% | 0.004% |
| 42 | 5.354 | 5.338 | 5.369 | VV | 219    | 2532  | 0.04% | 0.003% |
| 43 | 5.387 | 5.369 | 5.435 | VV | 237    | 4885  | 0.08% | 0.006% |
| 44 | 5.448 | 5.435 | 5.465 | VV | 96     | 1115  | 0.02% | 0.001% |
| 45 | 5.492 | 5.465 | 5.505 | VV | 140    | 1633  | 0.03% | 0.002% |
| 46 | 5.542 | 5.505 | 5.578 | VV | 473    | 7940  | 0.13% | 0.009% |
| 47 | 5.585 | 5.578 | 5.605 | VV | 202    | 2369  | 0.04% | 0.003% |
| 48 | 5.614 | 5.605 | 5.635 | VV | 237    | 2502  | 0.04% | 0.003% |
| 49 | 5.645 | 5.635 | 5.656 | VV | 138    | 1367  | 0.02% | 0.002% |
| 50 | 5.667 | 5.656 | 5.701 | VV | 157    | 2804  | 0.04% | 0.003% |
| 51 | 5.709 | 5.701 | 5.721 | VV | 82     | 1098  | 0.02% | 0.001% |
| 52 | 5.738 | 5.721 | 5.798 | VV | 667    | 12650 | 0.20% | 0.015% |
| 53 | 5.808 | 5.798 | 5.837 | VV | 167    | 2289  | 0.04% | 0.003% |
| 54 | 5.928 | 5.837 | 5.975 | VV | 276    | 11465 | 0.18% | 0.013% |
| 55 | 5.984 | 5.975 | 5.992 | VV | 204    | 1358  | 0.02% | 0.002% |
| 56 | 6.053 | 5.992 | 6.065 | VV | 306    | 9110  | 0.14% | 0.011% |
| 57 | 6.073 | 6.065 | 6.115 | VV | 209    | 4739  | 0.07% | 0.006% |
| 58 | 6.128 | 6.115 | 6.138 | VV | 212    | 2282  | 0.04% | 0.003% |
| 59 | 6.180 | 6.138 | 6.200 | VV | 190    | 4746  | 0.07% | 0.006% |
| 60 | 6.218 | 6.200 | 6.240 | VV | 259    | 3162  | 0.05% | 0.004% |
| 61 | 6.271 | 6.240 | 6.288 | VV | 221    | 4125  | 0.07% | 0.005% |
| 62 | 6.311 | 6.288 | 6.395 | VV | 1915   | 26368 | 0.42% | 0.031% |
| 63 | 6.414 | 6.395 | 6.435 | VV | 261    | 3289  | 0.05% | 0.004% |
| 64 | 6.457 | 6.435 | 6.468 | VV | 284    | 3688  | 0.06% | 0.004% |
| 65 | 6.481 | 6.468 | 6.524 | VV | 443    | 6562  | 0.10% | 0.008% |
| 66 | 6.542 | 6.524 | 6.551 | VV | 203    | 2272  | 0.04% | 0.003% |
| 67 | 6.561 | 6.551 | 6.577 | VV | 158    | 2106  | 0.03% | 0.002% |
| 68 | 6.607 | 6.577 | 6.626 | VV | 438    | 6223  | 0.10% | 0.007% |
| 69 | 6.688 | 6.626 | 6.725 | VV | 252    | 8778  | 0.14% | 0.010% |
| 70 | 6.734 | 6.725 | 6.751 | VV | 165    | 1625  | 0.03% | 0.002% |
| 71 | 6.770 | 6.751 | 6.831 | PV | 681    | 9942  | 0.16% | 0.012% |
| 72 | 6.846 | 6.831 | 6.873 | VV | 116    | 2543  | 0.04% | 0.003% |
| 73 | 6.883 | 6.873 | 6.891 | VV | 93     | 973   | 0.02% | 0.001% |
| 74 | 6.923 | 6.891 | 6.947 | VV | 413    | 6760  | 0.11% | 0.008% |
| 75 | 6.962 | 6.947 | 6.991 | VV | 186    | 3021  | 0.05% | 0.004% |
| 76 | 7.004 | 6.991 | 7.011 | VV | 61     | 523   | 0.01% | 0.001% |
| 77 | 7.019 | 7.011 | 7.038 | VV | 58     | 732   | 0.01% | 0.001% |
| 78 | 7.054 | 7.038 | 7.078 | VV | 245    | 2531  | 0.04% | 0.003% |
| 79 | 7.099 | 7.078 | 7.129 | PV | 257    | 3775  | 0.06% | 0.004% |
| 80 | 7.138 | 7.129 | 7.147 | VV | 147    | 786   | 0.01% | 0.001% |
| 81 | 7.181 | 7.147 | 7.198 | VV | 368    | 5442  | 0.09% | 0.006% |
| 82 | 7.255 | 7.198 | 7.291 | VV | 553    | 11297 | 0.18% | 0.013% |
| 83 | 7.305 | 7.291 | 7.328 | VV | 389    | 5348  | 0.08% | 0.006% |
| 84 | 7.344 | 7.328 | 7.374 | VV | 438    | 6411  | 0.10% | 0.007% |
| 85 | 7.407 | 7.374 | 7.471 | VV | 1557   | 27909 | 0.44% | 0.032% |
| 86 | 7.493 | 7.471 | 7.525 | VV | 686    | 10937 | 0.17% | 0.013% |
| 87 | 7.546 | 7.525 | 7.574 | VV | 1351   | 16201 | 0.26% | 0.019% |
| 88 | 7.588 | 7.574 | 7.611 | VV | 362    | 5649  | 0.09% | 0.007% |
| 89 | 7.618 | 7.611 | 7.638 | VV | 278    | 3067  | 0.05% | 0.004% |

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|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.718  | 7.638  | 7.748  | VV | 1208   | 24238  | 0.38% | 0.028% |
| 91  | 7.785  | 7.748  | 7.795  | VV | 223    | 5045   | 0.08% | 0.006% |
| 92  | 7.804  | 7.795  | 7.832  | VV | 176    | 2683   | 0.04% | 0.003% |
| 93  | 7.854  | 7.832  | 7.872  | VV | 162    | 2308   | 0.04% | 0.003% |
| 94  | 7.894  | 7.872  | 7.925  | VV | 407    | 6175   | 0.10% | 0.007% |
| 95  | 7.947  | 7.925  | 7.968  | VV | 153    | 2740   | 0.04% | 0.003% |
| 96  | 8.146  | 8.115  | 8.228  | VV | 1007   | 29272  | 0.46% | 0.034% |
| 97  | 8.246  | 8.228  | 8.263  | VV | 290    | 3541   | 0.06% | 0.004% |
| 98  | 8.302  | 8.263  | 8.339  | VV | 674    | 17032  | 0.27% | 0.020% |
| 99  | 8.352  | 8.339  | 8.382  | VV | 495    | 7898   | 0.12% | 0.009% |
| 100 | 8.419  | 8.382  | 8.461  | VV | 1482   | 30931  | 0.49% | 0.036% |
| 101 | 8.525  | 8.461  | 8.541  | VV | 2453   | 36987  | 0.58% | 0.043% |
| 102 | 8.553  | 8.541  | 8.570  | VV | 1555   | 16800  | 0.26% | 0.020% |
| 103 | 8.600  | 8.570  | 8.661  | VV | 1935   | 39148  | 0.62% | 0.045% |
| 104 | 8.710  | 8.661  | 8.748  | VV | 2609   | 51772  | 0.82% | 0.060% |
| 105 | 8.763  | 8.748  | 8.781  | VV | 743    | 9751   | 0.15% | 0.011% |
| 106 | 8.803  | 8.781  | 8.865  | VV | 609    | 14665  | 0.23% | 0.017% |
| 107 | 9.009  | 8.985  | 9.037  | VV | 6751   | 75416  | 1.19% | 0.088% |
| 108 | 9.058  | 9.037  | 9.085  | VV | 1149   | 20325  | 0.32% | 0.024% |
| 109 | 9.139  | 9.085  | 9.184  | VV | 1255   | 33415  | 0.53% | 0.039% |
| 110 | 9.199  | 9.184  | 9.215  | VV | 324    | 4938   | 0.08% | 0.006% |
| 111 | 9.251  | 9.215  | 9.266  | VV | 1324   | 20913  | 0.33% | 0.024% |
| 112 | 9.284  | 9.266  | 9.308  | VV | 3573   | 40702  | 0.64% | 0.047% |
| 113 | 9.333  | 9.308  | 9.362  | VV | 831    | 18781  | 0.30% | 0.022% |
| 114 | 9.376  | 9.362  | 9.395  | VV | 610    | 8497   | 0.13% | 0.010% |
| 115 | 9.425  | 9.395  | 9.447  | VV | 3187   | 42642  | 0.67% | 0.050% |
| 116 | 9.462  | 9.447  | 9.503  | VV | 1510   | 20641  | 0.33% | 0.024% |
| 117 | 9.521  | 9.503  | 9.547  | VV | 281    | 4357   | 0.07% | 0.005% |
| 118 | 9.579  | 9.547  | 9.596  | VV | 1269   | 15147  | 0.24% | 0.018% |
| 119 | 9.610  | 9.596  | 9.644  | VV | 1076   | 12178  | 0.19% | 0.014% |
| 120 | 9.662  | 9.644  | 9.678  | VV | 326    | 4099   | 0.06% | 0.005% |
| 121 | 9.715  | 9.678  | 9.737  | VV | 1237   | 17911  | 0.28% | 0.021% |
| 122 | 9.756  | 9.737  | 9.772  | VV | 622    | 8417   | 0.13% | 0.010% |
| 123 | 9.798  | 9.772  | 9.852  | VV | 8964   | 111733 | 1.76% | 0.130% |
| 124 | 9.878  | 9.852  | 9.909  | VV | 1775   | 32234  | 0.51% | 0.037% |
| 125 | 9.921  | 9.909  | 9.930  | VV | 847    | 9170   | 0.14% | 0.011% |
| 126 | 9.950  | 9.930  | 9.968  | VV | 1981   | 30049  | 0.47% | 0.035% |
| 127 | 9.978  | 9.968  | 9.993  | VV | 1049   | 12788  | 0.20% | 0.015% |
| 128 | 10.009 | 9.993  | 10.048 | VV | 1292   | 21522  | 0.34% | 0.025% |
| 129 | 10.076 | 10.048 | 10.100 | VV | 6079   | 68986  | 1.09% | 0.080% |
| 130 | 10.122 | 10.100 | 10.157 | VV | 2389   | 37737  | 0.60% | 0.044% |
| 131 | 10.168 | 10.157 | 10.186 | VV | 707    | 10053  | 0.16% | 0.012% |
| 132 | 10.214 | 10.186 | 10.263 | VV | 3869   | 77890  | 1.23% | 0.090% |
| 133 | 10.282 | 10.263 | 10.301 | VV | 711    | 10241  | 0.16% | 0.012% |
| 134 | 10.316 | 10.301 | 10.348 | VV | 613    | 10222  | 0.16% | 0.012% |
| 135 | 10.384 | 10.348 | 10.457 | VV | 595    | 16350  | 0.26% | 0.019% |
| 136 | 10.487 | 10.457 | 10.505 | PV | 369    | 5348   | 0.08% | 0.006% |
| 137 | 10.515 | 10.505 | 10.523 | VV | 238    | 2299   | 0.04% | 0.003% |
| 138 | 10.546 | 10.523 | 10.574 | VV | 889    | 15462  | 0.24% | 0.018% |
| 139 | 10.598 | 10.574 | 10.628 | VV | 1690   | 26818  | 0.42% | 0.031% |
| 140 | 10.654 | 10.628 | 10.665 | VV | 1272   | 18152  | 0.29% | 0.021% |
| 141 | 10.684 | 10.665 | 10.707 | VV | 3012   | 39040  | 0.62% | 0.045% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.724 | 10.707 | 10.773 | VV | 1689   | 28257   | 0.45%  | 0.033% |
| 143 | 10.801 | 10.773 | 10.838 | VV | 1931   | 36371   | 0.57%  | 0.042% |
| 144 | 10.857 | 10.838 | 10.891 | VV | 1547   | 31968   | 0.50%  | 0.037% |
| 145 | 10.900 | 10.891 | 10.914 | VV | 601    | 7373    | 0.12%  | 0.009% |
| 146 | 10.948 | 10.914 | 10.963 | VV | 3521   | 50980   | 0.80%  | 0.059% |
| 147 | 10.970 | 10.963 | 10.985 | VV | 2016   | 21613   | 0.34%  | 0.025% |
| 148 | 11.010 | 10.985 | 11.050 | VV | 4586   | 89738   | 1.42%  | 0.104% |
| 149 | 11.060 | 11.050 | 11.088 | VV | 612    | 13168   | 0.21%  | 0.015% |
| 150 | 11.103 | 11.088 | 11.121 | VV | 1329   | 15180   | 0.24%  | 0.018% |
| 151 | 11.205 | 11.121 | 11.252 | VV | 71494  | 778798  | 12.28% | 0.904% |
| 152 | 11.280 | 11.252 | 11.325 | VV | 23042  | 264073  | 4.16%  | 0.307% |
| 153 | 11.340 | 11.325 | 11.349 | VV | 740    | 9098    | 0.14%  | 0.011% |
| 154 | 11.361 | 11.349 | 11.385 | VV | 795    | 12728   | 0.20%  | 0.015% |
| 155 | 11.397 | 11.385 | 11.438 | VV | 506    | 10085   | 0.16%  | 0.012% |
| 156 | 11.454 | 11.438 | 11.470 | VV | 368    | 4101    | 0.06%  | 0.005% |
| 157 | 11.494 | 11.470 | 11.535 | VV | 2397   | 37325   | 0.59%  | 0.043% |
| 158 | 11.581 | 11.535 | 11.591 | PV | 840    | 16349   | 0.26%  | 0.019% |
| 159 | 11.602 | 11.591 | 11.628 | VV | 890    | 16409   | 0.26%  | 0.019% |
| 160 | 11.651 | 11.628 | 11.675 | VV | 3555   | 47200   | 0.74%  | 0.055% |
| 161 | 11.700 | 11.675 | 11.710 | VV | 808    | 13106   | 0.21%  | 0.015% |
| 162 | 11.741 | 11.710 | 11.773 | VV | 3512   | 58747   | 0.93%  | 0.068% |
| 163 | 11.805 | 11.773 | 11.827 | PV | 1359   | 18496   | 0.29%  | 0.021% |
| 164 | 11.858 | 11.827 | 11.879 | VV | 1409   | 21732   | 0.34%  | 0.025% |
| 165 | 11.900 | 11.879 | 11.922 | VV | 543    | 8737    | 0.14%  | 0.010% |
| 166 | 11.972 | 11.922 | 11.996 | VV | 209529 | 2217031 | 34.96% | 2.574% |
| 167 | 12.010 | 11.996 | 12.024 | VV | 7310   | 78156   | 1.23%  | 0.091% |
| 168 | 12.040 | 12.024 | 12.075 | VV | 9664   | 111821  | 1.76%  | 0.130% |
| 169 | 12.125 | 12.075 | 12.144 | VV | 13283  | 196783  | 3.10%  | 0.229% |
| 170 | 12.158 | 12.144 | 12.172 | VV | 5193   | 58267   | 0.92%  | 0.068% |
| 171 | 12.189 | 12.172 | 12.241 | VV | 6696   | 83927   | 1.32%  | 0.097% |
| 172 | 12.265 | 12.241 | 12.283 | PV | 704    | 9704    | 0.15%  | 0.011% |
| 173 | 12.323 | 12.283 | 12.349 | VV | 3482   | 55515   | 0.88%  | 0.064% |
| 174 | 12.368 | 12.349 | 12.385 | VV | 1503   | 18275   | 0.29%  | 0.021% |
| 175 | 12.410 | 12.385 | 12.453 | VV | 883    | 22171   | 0.35%  | 0.026% |
| 176 | 12.480 | 12.453 | 12.502 | VV | 5528   | 63910   | 1.01%  | 0.074% |
| 177 | 12.512 | 12.502 | 12.523 | VV | 685    | 6691    | 0.11%  | 0.008% |
| 178 | 12.564 | 12.523 | 12.607 | VV | 6064   | 88794   | 1.40%  | 0.103% |
| 179 | 12.627 | 12.607 | 12.646 | VV | 1129   | 14801   | 0.23%  | 0.017% |
| 180 | 12.660 | 12.646 | 12.671 | VV | 467    | 5101    | 0.08%  | 0.006% |
| 181 | 12.691 | 12.671 | 12.716 | VV | 934    | 18534   | 0.29%  | 0.022% |
| 182 | 12.733 | 12.716 | 12.777 | VV | 1410   | 33377   | 0.53%  | 0.039% |
| 183 | 12.802 | 12.777 | 12.839 | VV | 2480   | 46870   | 0.74%  | 0.054% |
| 184 | 12.861 | 12.839 | 12.890 | PV | 1943   | 37719   | 0.59%  | 0.044% |
| 185 | 12.910 | 12.890 | 12.929 | VV | 5655   | 73077   | 1.15%  | 0.085% |
| 186 | 12.964 | 12.929 | 12.995 | VV | 5466   | 118061  | 1.86%  | 0.137% |
| 187 | 13.027 | 12.995 | 13.067 | VV | 112584 | 1228339 | 19.37% | 1.426% |
| 188 | 13.086 | 13.067 | 13.108 | VV | 1092   | 13908   | 0.22%  | 0.016% |
| 189 | 13.129 | 13.108 | 13.138 | PV | 412    | 4304    | 0.07%  | 0.005% |
| 190 | 13.161 | 13.138 | 13.171 | VV | 1391   | 16925   | 0.27%  | 0.020% |
| 191 | 13.187 | 13.171 | 13.197 | VV | 1834   | 23509   | 0.37%  | 0.027% |
| 192 | 13.214 | 13.197 | 13.233 | VV | 3589   | 50883   | 0.80%  | 0.059% |
| 193 | 13.240 | 13.233 | 13.296 | VV | 1708   | 43807   | 0.69%  | 0.051% |
| 194 | 13.326 | 13.296 | 13.358 | VV | 85150  | 961866  | 15.17% | 1.117% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.409 | 13.358 | 13.447 | VV | 158954 | 1998205 | 31.51% | 2.320% |
| 196 | 13.459 | 13.447 | 13.478 | VV | 1148   | 17757   | 0.28%  | 0.021% |
| 197 | 13.500 | 13.478 | 13.512 | VV | 3330   | 44592   | 0.70%  | 0.052% |
| 198 | 13.524 | 13.512 | 13.550 | VV | 3091   | 41150   | 0.65%  | 0.048% |
| 199 | 13.590 | 13.550 | 13.614 | PV | 6236   | 126207  | 1.99%  | 0.147% |
| 200 | 13.661 | 13.614 | 13.703 | VV | 3072   | 95855   | 1.51%  | 0.111% |
| 201 | 13.723 | 13.703 | 13.738 | VV | 2826   | 31520   | 0.50%  | 0.037% |
| 202 | 13.750 | 13.738 | 13.765 | VV | 1108   | 14502   | 0.23%  | 0.017% |
| 203 | 13.787 | 13.765 | 13.824 | VV | 5047   | 84070   | 1.33%  | 0.098% |
| 204 | 13.914 | 13.824 | 13.947 | VV | 15185  | 233339  | 3.68%  | 0.271% |
| 205 | 13.981 | 13.947 | 13.998 | VV | 1205   | 20650   | 0.33%  | 0.024% |
| 206 | 14.022 | 13.998 | 14.045 | VV | 11652  | 148671  | 2.34%  | 0.173% |
| 207 | 14.062 | 14.045 | 14.083 | VV | 5624   | 69267   | 1.09%  | 0.080% |
| 208 | 14.103 | 14.083 | 14.127 | VV | 2365   | 41049   | 0.65%  | 0.048% |
| 209 | 14.163 | 14.127 | 14.179 | VV | 7041   | 112234  | 1.77%  | 0.130% |
| 210 | 14.191 | 14.179 | 14.213 | VV | 6115   | 75708   | 1.19%  | 0.088% |
| 211 | 14.232 | 14.213 | 14.261 | VV | 4318   | 57943   | 0.91%  | 0.067% |
| 212 | 14.266 | 14.261 | 14.273 | VV | 705    | 4743    | 0.07%  | 0.006% |
| 213 | 14.311 | 14.273 | 14.331 | VV | 1929   | 35797   | 0.56%  | 0.042% |
| 214 | 14.351 | 14.331 | 14.363 | VV | 623    | 9850    | 0.16%  | 0.011% |
| 215 | 14.393 | 14.363 | 14.413 | VV | 1071   | 23875   | 0.38%  | 0.028% |
| 216 | 14.422 | 14.413 | 14.435 | VV | 604    | 6461    | 0.10%  | 0.008% |
| 217 | 14.446 | 14.435 | 14.481 | VV | 564    | 7609    | 0.12%  | 0.009% |
| 218 | 14.498 | 14.481 | 14.508 | VV | 469    | 3694    | 0.06%  | 0.004% |
| 219 | 14.526 | 14.508 | 14.539 | VV | 554    | 6067    | 0.10%  | 0.007% |
| 220 | 14.617 | 14.539 | 14.630 | VV | 2400   | 72431   | 1.14%  | 0.084% |
| 221 | 14.649 | 14.630 | 14.697 | VV | 3714   | 73193   | 1.15%  | 0.085% |
| 222 | 14.724 | 14.697 | 14.745 | VV | 6376   | 89681   | 1.41%  | 0.104% |
| 223 | 14.758 | 14.745 | 14.780 | VV | 2100   | 34306   | 0.54%  | 0.040% |
| 224 | 14.791 | 14.780 | 14.805 | VV | 1432   | 16148   | 0.25%  | 0.019% |
| 225 | 14.829 | 14.805 | 14.868 | VV | 5635   | 98723   | 1.56%  | 0.115% |
| 226 | 14.892 | 14.868 | 14.914 | VV | 11036  | 136660  | 2.15%  | 0.159% |
| 227 | 14.936 | 14.914 | 14.975 | VV | 3940   | 85275   | 1.34%  | 0.099% |
| 228 | 14.984 | 14.975 | 14.997 | VV | 649    | 6627    | 0.10%  | 0.008% |
| 229 | 15.017 | 14.997 | 15.038 | PV | 1224   | 17734   | 0.28%  | 0.021% |
| 230 | 15.076 | 15.038 | 15.129 | VV | 2338   | 46188   | 0.73%  | 0.054% |
| 231 | 15.156 | 15.129 | 15.174 | PV | 2776   | 33246   | 0.52%  | 0.039% |
| 232 | 15.204 | 15.174 | 15.225 | VV | 43793  | 526880  | 8.31%  | 0.612% |
| 233 | 15.246 | 15.225 | 15.285 | VV | 39286  | 528509  | 8.33%  | 0.614% |
| 234 | 15.298 | 15.285 | 15.323 | VV | 1106   | 17628   | 0.28%  | 0.020% |
| 235 | 15.367 | 15.323 | 15.392 | VV | 13181  | 191289  | 3.02%  | 0.222% |
| 236 | 15.404 | 15.392 | 15.422 | VV | 2240   | 33042   | 0.52%  | 0.038% |
| 237 | 15.443 | 15.422 | 15.481 | VV | 2591   | 47646   | 0.75%  | 0.055% |
| 238 | 15.507 | 15.481 | 15.524 | PV | 3482   | 49555   | 0.78%  | 0.058% |
| 239 | 15.545 | 15.524 | 15.579 | VV | 3376   | 71966   | 1.13%  | 0.084% |
| 240 | 15.590 | 15.579 | 15.614 | VV | 1315   | 19170   | 0.30%  | 0.022% |
| 241 | 15.649 | 15.614 | 15.731 | VV | 7007   | 161741  | 2.55%  | 0.188% |
| 242 | 15.786 | 15.731 | 15.818 | VV | 6377   | 104980  | 1.66%  | 0.122% |
| 243 | 15.835 | 15.818 | 15.850 | VV | 2404   | 32751   | 0.52%  | 0.038% |
| 244 | 15.878 | 15.850 | 15.898 | VV | 9413   | 120769  | 1.90%  | 0.140% |
| 245 | 15.916 | 15.898 | 15.943 | VV | 4238   | 59271   | 0.93%  | 0.069% |
| 246 | 15.963 | 15.943 | 15.988 | VV | 2607   | 38493   | 0.61%  | 0.045% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 16.038 | 15.988 | 16.074 | VV | 6934   | 162993 | 2.57%  | 0.189% |
| 248 | 16.116 | 16.074 | 16.139 | VV | 3121   | 53080  | 0.84%  | 0.062% |
| 249 | 16.166 | 16.139 | 16.185 | PV | 1088   | 19689  | 0.31%  | 0.023% |
| 250 | 16.203 | 16.185 | 16.221 | VV | 2000   | 29290  | 0.46%  | 0.034% |
| 251 | 16.235 | 16.221 | 16.251 | VV | 1247   | 17775  | 0.28%  | 0.021% |
| 252 | 16.288 | 16.251 | 16.332 | VV | 6807   | 144348 | 2.28%  | 0.168% |
| 253 | 16.346 | 16.332 | 16.361 | VV | 1058   | 13968  | 0.22%  | 0.016% |
| 254 | 16.380 | 16.361 | 16.397 | VV | 871    | 12106  | 0.19%  | 0.014% |
| 255 | 16.479 | 16.397 | 16.506 | PV | 3600   | 91896  | 1.45%  | 0.107% |
| 256 | 16.517 | 16.506 | 16.529 | VV | 1566   | 19495  | 0.31%  | 0.023% |
| 257 | 16.549 | 16.529 | 16.565 | VV | 2850   | 44056  | 0.69%  | 0.051% |
| 258 | 16.584 | 16.565 | 16.611 | VV | 3224   | 69725  | 1.10%  | 0.081% |
| 259 | 16.673 | 16.611 | 16.711 | VV | 6001   | 181010 | 2.85%  | 0.210% |
| 260 | 16.765 | 16.711 | 16.831 | PV | 49662  | 961069 | 15.15% | 1.116% |
| 261 | 16.895 | 16.831 | 16.917 | VV | 11570  | 196239 | 3.09%  | 0.228% |
| 262 | 16.932 | 16.917 | 16.975 | VV | 3533   | 84856  | 1.34%  | 0.099% |
| 263 | 16.988 | 16.975 | 17.003 | VV | 2525   | 33420  | 0.53%  | 0.039% |
| 264 | 17.015 | 17.003 | 17.028 | VV | 2141   | 23982  | 0.38%  | 0.028% |
| 265 | 17.086 | 17.028 | 17.111 | VV | 26579  | 464505 | 7.32%  | 0.539% |
| 266 | 17.143 | 17.111 | 17.179 | VV | 36551  | 480117 | 7.57%  | 0.558% |
| 267 | 17.242 | 17.179 | 17.284 | PV | 15655  | 330007 | 5.20%  | 0.383% |
| 268 | 17.293 | 17.284 | 17.325 | VV | 3553   | 60860  | 0.96%  | 0.071% |
| 269 | 17.402 | 17.325 | 17.422 | VV | 2486   | 88865  | 1.40%  | 0.103% |
| 270 | 17.450 | 17.422 | 17.461 | VV | 2375   | 39084  | 0.62%  | 0.045% |
| 271 | 17.507 | 17.461 | 17.534 | VV | 5768   | 151841 | 2.39%  | 0.176% |
| 272 | 17.556 | 17.534 | 17.588 | VV | 4952   | 101123 | 1.59%  | 0.117% |
| 273 | 17.609 | 17.588 | 17.617 | VV | 3935   | 45634  | 0.72%  | 0.053% |
| 274 | 17.633 | 17.617 | 17.644 | VV | 4551   | 62328  | 0.98%  | 0.072% |
| 275 | 17.687 | 17.644 | 17.708 | VV | 7225   | 198072 | 3.12%  | 0.230% |
| 276 | 17.733 | 17.708 | 17.750 | VV | 4179   | 64794  | 1.02%  | 0.075% |
| 277 | 17.766 | 17.750 | 17.785 | VV | 2654   | 36476  | 0.58%  | 0.042% |
| 278 | 17.806 | 17.785 | 17.838 | VV | 7865   | 123334 | 1.94%  | 0.143% |
| 279 | 17.865 | 17.838 | 17.882 | VV | 3564   | 50502  | 0.80%  | 0.059% |
| 280 | 17.918 | 17.882 | 17.939 | VV | 1827   | 33634  | 0.53%  | 0.039% |
| 281 | 17.991 | 17.939 | 18.005 | VV | 1215   | 25804  | 0.41%  | 0.030% |
| 282 | 18.042 | 18.005 | 18.055 | PV | 2989   | 61860  | 0.98%  | 0.072% |
| 283 | 18.126 | 18.055 | 18.157 | VV | 11259  | 295003 | 4.65%  | 0.343% |
| 284 | 18.181 | 18.157 | 18.195 | VV | 3981   | 53880  | 0.85%  | 0.063% |
| 285 | 18.279 | 18.195 | 18.356 | VV | 15282  | 606199 | 9.56%  | 0.704% |
| 286 | 18.376 | 18.356 | 18.393 | VV | 4843   | 87877  | 1.39%  | 0.102% |
| 287 | 18.424 | 18.393 | 18.439 | VV | 10592  | 183269 | 2.89%  | 0.213% |
| 288 | 18.452 | 18.439 | 18.467 | VV | 8019   | 115194 | 1.82%  | 0.134% |
| 289 | 18.514 | 18.467 | 18.535 | VV | 28531  | 590336 | 9.31%  | 0.686% |
| 290 | 18.550 | 18.535 | 18.579 | VV | 14898  | 276121 | 4.35%  | 0.321% |
| 291 | 18.601 | 18.579 | 18.615 | VV | 8293   | 142774 | 2.25%  | 0.166% |
| 292 | 18.646 | 18.615 | 18.665 | VV | 22796  | 395116 | 6.23%  | 0.459% |
| 293 | 18.679 | 18.665 | 18.699 | VV | 12249  | 209088 | 3.30%  | 0.243% |
| 294 | 18.711 | 18.699 | 18.745 | VV | 8096   | 190082 | 3.00%  | 0.221% |
| 295 | 18.769 | 18.745 | 18.797 | VV | 26411  | 461725 | 7.28%  | 0.536% |
| 296 | 18.811 | 18.797 | 18.831 | VV | 8007   | 157022 | 2.48%  | 0.182% |
| 297 | 18.853 | 18.831 | 18.869 | VV | 10692  | 202511 | 3.19%  | 0.235% |
| 298 | 18.904 | 18.869 | 18.925 | VV | 15692  | 386488 | 6.09%  | 0.449% |
| 299 | 18.959 | 18.925 | 18.988 | VV | 17911  | 480992 | 7.58%  | 0.559% |

| rteres |        |        |        |    |       |         |         |        |
|--------|--------|--------|--------|----|-------|---------|---------|--------|
| 300    | 19.029 | 18.988 | 19.038 | VV | 11356 | 298697  | 4.71%   | 0.347% |
| 301    | 19.069 | 19.038 | 19.093 | VV | 18672 | 478140  | 7.54%   | 0.555% |
| 302    | 19.118 | 19.093 | 19.152 | VV | 17969 | 520709  | 8.21%   | 0.605% |
| 303    | 19.167 | 19.152 | 19.180 | VV | 12946 | 199980  | 3.15%   | 0.232% |
| 304    | 19.208 | 19.180 | 19.221 | VV | 16303 | 343809  | 5.42%   | 0.399% |
| 305    | 19.244 | 19.221 | 19.264 | VV | 18554 | 433639  | 6.84%   | 0.504% |
| 306    | 19.359 | 19.264 | 19.376 | VV | 29397 | 1487085 | 23.45%  | 1.727% |
| 307    | 19.400 | 19.376 | 19.435 | VV | 25853 | 795652  | 12.55%  | 0.924% |
| 308    | 19.467 | 19.435 | 19.521 | VV | 24748 | 1098383 | 17.32%  | 1.275% |
| 309    | 19.636 | 19.521 | 19.650 | VV | 24872 | 1676822 | 26.44%  | 1.947% |
| 310    | 19.673 | 19.650 | 19.691 | VV | 26464 | 623225  | 9.83%   | 0.724% |
| 311    | 19.745 | 19.691 | 19.762 | VV | 31089 | 1131508 | 17.84%  | 1.314% |
| 312    | 19.783 | 19.762 | 19.816 | VV | 29650 | 867120  | 13.67%  | 1.007% |
| 313    | 19.875 | 19.816 | 19.895 | VV | 32571 | 1283511 | 20.24%  | 1.490% |
| 314    | 19.931 | 19.895 | 19.960 | VV | 37630 | 1313333 | 20.71%  | 1.525% |
| 315    | 19.993 | 19.960 | 20.028 | VV | 40930 | 1517420 | 23.93%  | 1.762% |
| 316    | 20.044 | 20.028 | 20.060 | VV | 37047 | 688888  | 10.86%  | 0.800% |
| 317    | 20.115 | 20.060 | 20.139 | VV | 46622 | 1986484 | 31.32%  | 2.307% |
| 318    | 20.153 | 20.139 | 20.197 | VV | 42457 | 1432827 | 22.59%  | 1.664% |
| 319    | 20.208 | 20.197 | 20.230 | VV | 39324 | 734604  | 11.58%  | 0.853% |
| 320    | 20.248 | 20.230 | 20.261 | VV | 40157 | 712338  | 11.23%  | 0.827% |
| 321    | 20.305 | 20.261 | 20.326 | VV | 48352 | 1734555 | 27.35%  | 2.014% |
| 322    | 20.403 | 20.326 | 20.421 | VV | 55477 | 2887517 | 45.53%  | 3.353% |
| 323    | 20.428 | 20.421 | 20.438 | VV | 53343 | 522627  | 8.24%   | 0.607% |
| 324    | 20.483 | 20.438 | 20.535 | VV | 59191 | 3065510 | 48.34%  | 3.560% |
| 325    | 20.562 | 20.535 | 20.577 | VV | 54478 | 1344255 | 21.20%  | 1.561% |
| 326    | 20.599 | 20.577 | 20.608 | VV | 58415 | 1019956 | 16.08%  | 1.184% |
| 327    | 20.695 | 20.608 | 20.781 | VV | 69362 | 6341726 | 100.00% | 7.364% |
| 328    | 20.844 | 20.781 | 20.870 | VV | 63458 | 3042414 | 47.97%  | 3.533% |
| 329    | 20.895 | 20.870 | 20.907 | VV | 58364 | 1267942 | 19.99%  | 1.472% |
| 330    | 20.918 | 20.907 | 20.931 | VV | 58321 | 832620  | 13.13%  | 0.967% |
| 331    | 20.974 | 20.931 | 21.064 | VV | 57838 | 4122108 | 65.00%  | 4.787% |
| 332    | 21.073 | 21.064 | 21.135 | VV | 45466 | 1810394 | 28.55%  | 2.102% |
| 333    | 21.149 | 21.135 | 21.168 | VV | 44627 | 872154  | 13.75%  | 1.013% |
| 334    | 21.205 | 21.168 | 21.217 | VV | 46257 | 1311223 | 20.68%  | 1.523% |
| 335    | 21.237 | 21.217 | 21.311 | VV | 50979 | 2313012 | 36.47%  | 2.686% |
| 336    | 21.324 | 21.311 | 21.335 | VV | 34473 | 453518  | 7.15%   | 0.527% |
| 337    | 21.353 | 21.335 | 21.419 | VV | 32835 | 1526886 | 24.08%  | 1.773% |
| 338    | 21.529 | 21.419 | 21.538 | VV | 33855 | 2157554 | 34.02%  | 2.505% |
| 339    | 21.548 | 21.538 | 21.653 | VV | 33925 | 1706896 | 26.92%  | 1.982% |
| 340    | 21.672 | 21.653 | 21.706 | VV | 20716 | 566018  | 8.93%   | 0.657% |
| 341    | 21.718 | 21.706 | 21.734 | VV | 17886 | 286450  | 4.52%   | 0.333% |
| 342    | 21.757 | 21.734 | 21.774 | VV | 18389 | 416683  | 6.57%   | 0.484% |
| 343    | 21.801 | 21.774 | 21.821 | VV | 17243 | 457957  | 7.22%   | 0.532% |
| 344    | 21.851 | 21.821 | 21.861 | VV | 15455 | 366299  | 5.78%   | 0.425% |
| 345    | 21.892 | 21.861 | 21.900 | VV | 17796 | 377806  | 5.96%   | 0.439% |
| 346    | 21.915 | 21.900 | 21.968 | VV | 18987 | 634491  | 10.01%  | 0.737% |
| 347    | 21.985 | 21.968 | 21.995 | VV | 13325 | 204583  | 3.23%   | 0.238% |
| 348    | 22.006 | 21.995 | 22.092 | VV | 13364 | 407979  | 6.43%   | 0.474% |
| 349    | 22.106 | 22.092 | 22.118 | PV | 2476  | 21369   | 0.34%   | 0.025% |
| 350    | 22.129 | 22.118 | 22.135 | VV | 1221  | 8270    | 0.13%   | 0.010% |

Sum of corrected areas: 86115523

rteres

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