

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122322AL\  
 Data File : FE039467.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Dec 2022 19:07  
 Sample : N6051-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.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         | 3.325       | 3.254        | 3.454      | BV       | 234905         | 2316595      | 28.60%         | 1.561%        |
| 2         | 3.470       | 3.454        | 3.486      | VV       | 448            | 5078         | 0.06%          | 0.003%        |
| 3         | 3.496       | 3.486        | 3.523      | VV       | 218            | 3174         | 0.04%          | 0.002%        |
| 4         | 3.539       | 3.523        | 3.553      | VV       | 184            | 2602         | 0.03%          | 0.002%        |
| 5         | 3.566       | 3.553        | 3.593      | VV       | 216            | 3009         | 0.04%          | 0.002%        |
| 6         | 3.607       | 3.593        | 3.624      | VV       | 163            | 1572         | 0.02%          | 0.001%        |
| 7         | 3.640       | 3.624        | 3.679      | VV       | 413            | 6978         | 0.09%          | 0.005%        |
| 8         | 3.715       | 3.679        | 3.742      | PV       | 280            | 6080         | 0.08%          | 0.004%        |
| 9         | 3.772       | 3.742        | 3.824      | VV       | 333            | 5563         | 0.07%          | 0.004%        |
| 10        | 3.853       | 3.824        | 3.889      | VV       | 127            | 2956         | 0.04%          | 0.002%        |
| 11        | 3.910       | 3.889        | 3.944      | VV       | 226            | 3482         | 0.04%          | 0.002%        |
| 12        | 3.962       | 3.944        | 3.993      | VV       | 131            | 1906         | 0.02%          | 0.001%        |
| 13        | 4.012       | 3.993        | 4.028      | VV       | 168            | 2364         | 0.03%          | 0.002%        |
| 14        | 4.038       | 4.028        | 4.076      | VV       | 135            | 1967         | 0.02%          | 0.001%        |
| 15        | 4.117       | 4.076        | 4.132      | PV       | 549            | 7802         | 0.10%          | 0.005%        |
| 16        | 4.150       | 4.132        | 4.174      | VV       | 1019           | 11347        | 0.14%          | 0.008%        |
| 17        | 4.186       | 4.174        | 4.208      | VV       | 161            | 2710         | 0.03%          | 0.002%        |
| 18        | 4.226       | 4.208        | 4.261      | VV       | 371            | 4591         | 0.06%          | 0.003%        |
| 19        | 4.319       | 4.261        | 4.341      | VV       | 824            | 13696        | 0.17%          | 0.009%        |
| 20        | 4.349       | 4.341        | 4.366      | VV       | 228            | 2664         | 0.03%          | 0.002%        |
| 21        | 4.373       | 4.366        | 4.400      | VV       | 148            | 2613         | 0.03%          | 0.002%        |
| 22        | 4.411       | 4.400        | 4.442      | VV       | 186            | 2639         | 0.03%          | 0.002%        |
| 23        | 4.480       | 4.442        | 4.498      | PV       | 240            | 5135         | 0.06%          | 0.003%        |
| 24        | 4.514       | 4.498        | 4.538      | VV       | 190            | 2821         | 0.03%          | 0.002%        |
| 25        | 4.574       | 4.538        | 4.600      | VV       | 278717         | 2729689      | 33.70%         | 1.839%        |
| 26        | 4.614       | 4.600        | 4.674      | VV       | 10424          | 118461       | 1.46%          | 0.080%        |
| 27        | 4.702       | 4.674        | 4.734      | VV       | 396            | 9081         | 0.11%          | 0.006%        |
| 28        | 4.762       | 4.734        | 4.788      | VV       | 1151           | 16701        | 0.21%          | 0.011%        |
| 29        | 4.825       | 4.788        | 4.841      | VV       | 1041           | 15085        | 0.19%          | 0.010%        |
| 30        | 4.858       | 4.841        | 4.901      | VV       | 1952           | 25180        | 0.31%          | 0.017%        |
| 31        | 4.915       | 4.901        | 4.927      | VV       | 356            | 4134         | 0.05%          | 0.003%        |
| 32        | 4.937       | 4.927        | 4.970      | VV       | 355            | 5693         | 0.07%          | 0.004%        |
| 33        | 4.988       | 4.970        | 5.005      | VV       | 403            | 5924         | 0.07%          | 0.004%        |
| 34        | 5.032       | 5.005        | 5.054      | VV       | 345            | 7334         | 0.09%          | 0.005%        |
| 35        | 5.084       | 5.054        | 5.131      | VV       | 561            | 11058        | 0.14%          | 0.007%        |
| 36        | 5.150       | 5.131        | 5.167      | VV       | 184            | 2852         | 0.04%          | 0.002%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 5.187 | 5.167 | 5.218 | VV | 413    | 5475    | 0.07%  | 0.004% |
| 38 | 5.249 | 5.218 | 5.256 | VV | 924    | 10706   | 0.13%  | 0.007% |
| 39 | 5.274 | 5.256 | 5.304 | VV | 3810   | 47662   | 0.59%  | 0.032% |
| 40 | 5.332 | 5.304 | 5.371 | VV | 1042   | 18839   | 0.23%  | 0.013% |
|    |       |       |       |    |        |         |        |        |
| 41 | 5.391 | 5.371 | 5.429 | VV | 671    | 9175    | 0.11%  | 0.006% |
| 42 | 5.445 | 5.429 | 5.466 | PV | 127    | 2191    | 0.03%  | 0.001% |
| 43 | 5.487 | 5.466 | 5.502 | VV | 441    | 6330    | 0.08%  | 0.004% |
| 44 | 5.516 | 5.502 | 5.541 | VV | 432    | 7826    | 0.10%  | 0.005% |
| 45 | 5.554 | 5.541 | 5.568 | VV | 464    | 5702    | 0.07%  | 0.004% |
|    |       |       |       |    |        |         |        |        |
| 46 | 5.585 | 5.568 | 5.603 | VV | 453    | 6479    | 0.08%  | 0.004% |
| 47 | 5.611 | 5.603 | 5.641 | VV | 298    | 5267    | 0.07%  | 0.004% |
| 48 | 5.649 | 5.641 | 5.661 | VV | 320    | 3359    | 0.04%  | 0.002% |
| 49 | 5.674 | 5.661 | 5.691 | VV | 334    | 4188    | 0.05%  | 0.003% |
| 50 | 5.709 | 5.691 | 5.738 | VV | 4624   | 59517   | 0.73%  | 0.040% |
|    |       |       |       |    |        |         |        |        |
| 51 | 5.753 | 5.738 | 5.778 | VV | 1447   | 16280   | 0.20%  | 0.011% |
| 52 | 5.784 | 5.778 | 5.794 | VV | 183    | 1624    | 0.02%  | 0.001% |
| 53 | 5.814 | 5.794 | 5.847 | VV | 353    | 6984    | 0.09%  | 0.005% |
| 54 | 5.893 | 5.847 | 5.930 | VV | 1090   | 20401   | 0.25%  | 0.014% |
| 55 | 5.959 | 5.930 | 5.991 | VV | 781    | 14709   | 0.18%  | 0.010% |
|    |       |       |       |    |        |         |        |        |
| 56 | 6.018 | 5.991 | 6.056 | VV | 886    | 16186   | 0.20%  | 0.011% |
| 57 | 6.074 | 6.056 | 6.091 | PV | 509    | 5536    | 0.07%  | 0.004% |
| 58 | 6.098 | 6.091 | 6.107 | VV | 298    | 2415    | 0.03%  | 0.002% |
| 59 | 6.117 | 6.107 | 6.129 | VV | 312    | 3412    | 0.04%  | 0.002% |
| 60 | 6.140 | 6.129 | 6.158 | VV | 291    | 3041    | 0.04%  | 0.002% |
|    |       |       |       |    |        |         |        |        |
| 61 | 6.188 | 6.158 | 6.205 | VV | 444    | 5390    | 0.07%  | 0.004% |
| 62 | 6.239 | 6.205 | 6.257 | VV | 523    | 8226    | 0.10%  | 0.006% |
| 63 | 6.282 | 6.257 | 6.319 | VV | 5093   | 73166   | 0.90%  | 0.049% |
| 64 | 6.338 | 6.319 | 6.361 | VV | 1221   | 17956   | 0.22%  | 0.012% |
| 65 | 6.384 | 6.361 | 6.409 | VV | 1854   | 21829   | 0.27%  | 0.015% |
|    |       |       |       |    |        |         |        |        |
| 66 | 6.448 | 6.409 | 6.491 | VV | 1385   | 24616   | 0.30%  | 0.017% |
| 67 | 6.528 | 6.491 | 6.547 | VV | 538    | 11519   | 0.14%  | 0.008% |
| 68 | 6.563 | 6.547 | 6.591 | VV | 564    | 8590    | 0.11%  | 0.006% |
| 69 | 6.622 | 6.591 | 6.641 | VV | 763    | 14294   | 0.18%  | 0.010% |
| 70 | 6.661 | 6.641 | 6.676 | VV | 525    | 8250    | 0.10%  | 0.006% |
|    |       |       |       |    |        |         |        |        |
| 71 | 6.684 | 6.676 | 6.691 | VV | 320    | 2435    | 0.03%  | 0.002% |
| 72 | 6.738 | 6.691 | 6.808 | VV | 316818 | 3257025 | 40.21% | 2.194% |
| 73 | 6.824 | 6.808 | 6.846 | VV | 1083   | 16557   | 0.20%  | 0.011% |
| 74 | 6.862 | 6.846 | 6.873 | VV | 864    | 10376   | 0.13%  | 0.007% |
| 75 | 6.891 | 6.873 | 6.916 | VV | 3244   | 41192   | 0.51%  | 0.028% |
|    |       |       |       |    |        |         |        |        |
| 76 | 6.927 | 6.916 | 6.947 | VV | 982    | 12407   | 0.15%  | 0.008% |
| 77 | 6.965 | 6.947 | 6.988 | VV | 1037   | 13594   | 0.17%  | 0.009% |
| 78 | 7.005 | 6.988 | 7.044 | VV | 477    | 11334   | 0.14%  | 0.008% |
| 79 | 7.068 | 7.044 | 7.092 | VV | 926    | 13693   | 0.17%  | 0.009% |
| 80 | 7.104 | 7.092 | 7.117 | VV | 425    | 4296    | 0.05%  | 0.003% |
|    |       |       |       |    |        |         |        |        |
| 81 | 7.140 | 7.117 | 7.174 | VV | 590    | 9877    | 0.12%  | 0.007% |
| 82 | 7.193 | 7.174 | 7.224 | VV | 740    | 12682   | 0.16%  | 0.009% |
| 83 | 7.248 | 7.224 | 7.261 | VV | 1534   | 21252   | 0.26%  | 0.014% |
| 84 | 7.270 | 7.261 | 7.286 | VV | 1291   | 14445   | 0.18%  | 0.010% |
| 85 | 7.311 | 7.286 | 7.337 | VV | 1500   | 24135   | 0.30%  | 0.016% |
|    |       |       |       |    |        |         |        |        |
| 86 | 7.375 | 7.337 | 7.399 | VV | 3460   | 58337   | 0.72%  | 0.039% |
| 87 | 7.414 | 7.399 | 7.438 | VV | 1379   | 17311   | 0.21%  | 0.012% |
| 88 | 7.457 | 7.438 | 7.496 | VV | 2040   | 30104   | 0.37%  | 0.020% |
| 89 | 7.511 | 7.496 | 7.520 | VV | 462    | 5406    | 0.07%  | 0.004% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 7.540 | 7.520 | 7.574 | VV | 2550   | 38289   | 0.47%  | 0.026% |
| 91  | 7.601 | 7.574 | 7.630 | VV | 723    | 19151   | 0.24%  | 0.013% |
| 92  | 7.648 | 7.630 | 7.658 | VV | 911    | 12267   | 0.15%  | 0.008% |
| 93  | 7.683 | 7.658 | 7.711 | VV | 8222   | 97171   | 1.20%  | 0.065% |
| 94  | 7.747 | 7.711 | 7.761 | VV | 636    | 15314   | 0.19%  | 0.010% |
| 95  | 7.775 | 7.761 | 7.794 | VV | 882    | 11215   | 0.14%  | 0.008% |
| 96  | 7.804 | 7.794 | 7.830 | VV | 516    | 8308    | 0.10%  | 0.006% |
| 97  | 7.857 | 7.830 | 7.886 | VV | 1434   | 23229   | 0.29%  | 0.016% |
| 98  | 7.899 | 7.886 | 7.923 | VV | 276    | 3702    | 0.05%  | 0.002% |
| 99  | 7.947 | 7.923 | 7.965 | PV | 1335   | 14864   | 0.18%  | 0.010% |
| 100 | 7.975 | 7.965 | 7.982 | VV | 310    | 2666    | 0.03%  | 0.002% |
| 101 | 8.024 | 7.982 | 8.040 | VV | 972    | 22111   | 0.27%  | 0.015% |
| 102 | 8.057 | 8.040 | 8.093 | VV | 872    | 15417   | 0.19%  | 0.010% |
| 103 | 8.115 | 8.093 | 8.128 | VV | 895    | 11101   | 0.14%  | 0.007% |
| 104 | 8.143 | 8.128 | 8.156 | VV | 1210   | 15821   | 0.20%  | 0.011% |
| 105 | 8.167 | 8.156 | 8.184 | VV | 1215   | 13607   | 0.17%  | 0.009% |
| 106 | 8.211 | 8.184 | 8.232 | VV | 1534   | 19546   | 0.24%  | 0.013% |
| 107 | 8.257 | 8.232 | 8.284 | VV | 3623   | 44649   | 0.55%  | 0.030% |
| 108 | 8.313 | 8.284 | 8.338 | VV | 5056   | 59082   | 0.73%  | 0.040% |
| 109 | 8.355 | 8.338 | 8.363 | VV | 501    | 6284    | 0.08%  | 0.004% |
| 110 | 8.383 | 8.363 | 8.406 | VV | 3283   | 37123   | 0.46%  | 0.025% |
| 111 | 8.428 | 8.406 | 8.450 | VV | 708    | 14344   | 0.18%  | 0.010% |
| 112 | 8.471 | 8.450 | 8.492 | VV | 2183   | 28198   | 0.35%  | 0.019% |
| 113 | 8.564 | 8.492 | 8.599 | VV | 317217 | 3437580 | 42.44% | 2.316% |
| 114 | 8.610 | 8.599 | 8.641 | VV | 2143   | 35893   | 0.44%  | 0.024% |
| 115 | 8.664 | 8.641 | 8.694 | VV | 1742   | 41658   | 0.51%  | 0.028% |
| 116 | 8.714 | 8.694 | 8.737 | VV | 1583   | 28612   | 0.35%  | 0.019% |
| 117 | 8.757 | 8.737 | 8.783 | VV | 1033   | 22517   | 0.28%  | 0.015% |
| 118 | 8.800 | 8.783 | 8.828 | VV | 826    | 17153   | 0.21%  | 0.012% |
| 119 | 8.876 | 8.828 | 8.909 | VV | 10684  | 166068  | 2.05%  | 0.112% |
| 120 | 8.922 | 8.909 | 8.953 | VV | 2428   | 52269   | 0.65%  | 0.035% |
| 121 | 8.974 | 8.953 | 9.001 | VV | 3325   | 66083   | 0.82%  | 0.045% |
| 122 | 9.018 | 9.001 | 9.040 | VV | 2334   | 40069   | 0.49%  | 0.027% |
| 123 | 9.058 | 9.040 | 9.074 | VV | 2671   | 36120   | 0.45%  | 0.024% |
| 124 | 9.104 | 9.074 | 9.136 | VV | 7665   | 116556  | 1.44%  | 0.079% |
| 125 | 9.157 | 9.136 | 9.204 | VV | 2528   | 51372   | 0.63%  | 0.035% |
| 126 | 9.227 | 9.204 | 9.237 | VV | 992    | 15263   | 0.19%  | 0.010% |
| 127 | 9.253 | 9.237 | 9.268 | VV | 1337   | 19710   | 0.24%  | 0.013% |
| 128 | 9.290 | 9.268 | 9.302 | VV | 1446   | 23969   | 0.30%  | 0.016% |
| 129 | 9.328 | 9.302 | 9.364 | VV | 2441   | 66015   | 0.81%  | 0.044% |
| 130 | 9.391 | 9.364 | 9.458 | VV | 19993  | 292262  | 3.61%  | 0.197% |
| 131 | 9.475 | 9.458 | 9.498 | VV | 2264   | 34320   | 0.42%  | 0.023% |
| 132 | 9.528 | 9.498 | 9.562 | VV | 1498   | 37345   | 0.46%  | 0.025% |
| 133 | 9.594 | 9.562 | 9.604 | VV | 938    | 17411   | 0.21%  | 0.012% |
| 134 | 9.626 | 9.604 | 9.641 | VV | 1476   | 26118   | 0.32%  | 0.018% |
| 135 | 9.650 | 9.641 | 9.661 | VV | 1095   | 12358   | 0.15%  | 0.008% |
| 136 | 9.692 | 9.661 | 9.711 | VV | 1655   | 36635   | 0.45%  | 0.025% |
| 137 | 9.724 | 9.711 | 9.741 | VV | 932    | 14493   | 0.18%  | 0.010% |
| 138 | 9.766 | 9.741 | 9.797 | VV | 5552   | 103330  | 1.28%  | 0.070% |
| 139 | 9.811 | 9.797 | 9.826 | VV | 2562   | 33606   | 0.41%  | 0.023% |
| 140 | 9.851 | 9.826 | 9.874 | VV | 3048   | 57973   | 0.72%  | 0.039% |
| 141 | 9.898 | 9.874 | 9.919 | VV | 3900   | 65093   | 0.80%  | 0.044% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.951  | 9.919  | 9.981  | VV | 7460   | 111742  | 1.38%  | 0.075% |
| 143    | 10.008 | 9.981  | 10.050 | VV | 1004   | 29000   | 0.36%  | 0.020% |
| 144    | 10.091 | 10.050 | 10.106 | VV | 1851   | 38452   | 0.47%  | 0.026% |
| 145    | 10.127 | 10.106 | 10.140 | VV | 2592   | 41947   | 0.52%  | 0.028% |
|        |        |        |        |    |        |         |        |        |
| 146    | 10.172 | 10.140 | 10.221 | VV | 347553 | 3832504 | 47.31% | 2.582% |
| 147    | 10.249 | 10.221 | 10.266 | VV | 2199   | 52362   | 0.65%  | 0.035% |
| 148    | 10.273 | 10.266 | 10.316 | VV | 1905   | 40511   | 0.50%  | 0.027% |
| 149    | 10.344 | 10.316 | 10.364 | VV | 1273   | 26842   | 0.33%  | 0.018% |
| 150    | 10.384 | 10.364 | 10.397 | VV | 1072   | 17709   | 0.22%  | 0.012% |
|        |        |        |        |    |        |         |        |        |
| 151    | 10.408 | 10.397 | 10.431 | VV | 948    | 17612   | 0.22%  | 0.012% |
| 152    | 10.448 | 10.431 | 10.467 | VV | 1310   | 22656   | 0.28%  | 0.015% |
| 153    | 10.519 | 10.467 | 10.531 | VV | 2855   | 60526   | 0.75%  | 0.041% |
| 154    | 10.559 | 10.531 | 10.587 | VV | 10158  | 165820  | 2.05%  | 0.112% |
| 155    | 10.608 | 10.587 | 10.627 | VV | 3033   | 50211   | 0.62%  | 0.034% |
|        |        |        |        |    |        |         |        |        |
| 156    | 10.649 | 10.627 | 10.678 | VV | 3426   | 61943   | 0.76%  | 0.042% |
| 157    | 10.703 | 10.678 | 10.732 | VV | 3457   | 56237   | 0.69%  | 0.038% |
| 158    | 10.765 | 10.732 | 10.783 | VV | 976    | 24358   | 0.30%  | 0.016% |
| 159    | 10.805 | 10.783 | 10.820 | VV | 1250   | 23335   | 0.29%  | 0.016% |
| 160    | 10.841 | 10.820 | 10.874 | VV | 2057   | 47922   | 0.59%  | 0.032% |
|        |        |        |        |    |        |         |        |        |
| 161    | 10.910 | 10.874 | 10.948 | VV | 24559  | 330709  | 4.08%  | 0.223% |
| 162    | 10.982 | 10.948 | 11.011 | VV | 9718   | 173975  | 2.15%  | 0.117% |
| 163    | 11.032 | 11.011 | 11.064 | VV | 2380   | 55691   | 0.69%  | 0.038% |
| 164    | 11.101 | 11.064 | 11.110 | VV | 1274   | 31084   | 0.38%  | 0.021% |
| 165    | 11.125 | 11.110 | 11.148 | VV | 1405   | 26473   | 0.33%  | 0.018% |
|        |        |        |        |    |        |         |        |        |
| 166    | 11.170 | 11.148 | 11.205 | VV | 1302   | 37398   | 0.46%  | 0.025% |
| 167    | 11.232 | 11.205 | 11.268 | VV | 2866   | 76227   | 0.94%  | 0.051% |
| 168    | 11.302 | 11.268 | 11.346 | VV | 4122   | 116736  | 1.44%  | 0.079% |
| 169    | 11.365 | 11.346 | 11.394 | VV | 3346   | 52345   | 0.65%  | 0.035% |
| 170    | 11.417 | 11.394 | 11.458 | VV | 2594   | 50501   | 0.62%  | 0.034% |
|        |        |        |        |    |        |         |        |        |
| 171    | 11.470 | 11.458 | 11.494 | VV | 879    | 17345   | 0.21%  | 0.012% |
| 172    | 11.545 | 11.494 | 11.578 | VV | 3035   | 70042   | 0.86%  | 0.047% |
| 173    | 11.615 | 11.578 | 11.674 | VV | 339053 | 3953823 | 48.81% | 2.664% |
| 174    | 11.705 | 11.674 | 11.744 | VV | 8433   | 146752  | 1.81%  | 0.099% |
| 175    | 11.770 | 11.744 | 11.791 | VV | 1104   | 22504   | 0.28%  | 0.015% |
|        |        |        |        |    |        |         |        |        |
| 176    | 11.811 | 11.791 | 11.833 | VV | 702    | 13965   | 0.17%  | 0.009% |
| 177    | 11.931 | 11.833 | 11.985 | VV | 38539  | 516892  | 6.38%  | 0.348% |
| 178    | 12.008 | 11.985 | 12.030 | VV | 3051   | 52435   | 0.65%  | 0.035% |
| 179    | 12.047 | 12.030 | 12.077 | VV | 2029   | 38187   | 0.47%  | 0.026% |
| 180    | 12.097 | 12.077 | 12.148 | VV | 1988   | 42522   | 0.52%  | 0.029% |
|        |        |        |        |    |        |         |        |        |
| 181    | 12.170 | 12.148 | 12.191 | VV | 829    | 16109   | 0.20%  | 0.011% |
| 182    | 12.218 | 12.191 | 12.232 | VV | 1004   | 20431   | 0.25%  | 0.014% |
| 183    | 12.282 | 12.232 | 12.312 | VV | 18597  | 278812  | 3.44%  | 0.188% |
| 184    | 12.326 | 12.312 | 12.379 | VV | 1467   | 43339   | 0.54%  | 0.029% |
| 185    | 12.387 | 12.379 | 12.400 | VV | 1008   | 11347   | 0.14%  | 0.008% |
|        |        |        |        |    |        |         |        |        |
| 186    | 12.415 | 12.400 | 12.458 | VV | 1044   | 26016   | 0.32%  | 0.018% |
| 187    | 12.505 | 12.458 | 12.533 | VV | 1234   | 36730   | 0.45%  | 0.025% |
| 188    | 12.559 | 12.533 | 12.605 | VV | 1917   | 53004   | 0.65%  | 0.036% |
| 189    | 12.621 | 12.605 | 12.636 | VV | 980    | 13613   | 0.17%  | 0.009% |
| 190    | 12.665 | 12.636 | 12.677 | VV | 1475   | 26687   | 0.33%  | 0.018% |
|        |        |        |        |    |        |         |        |        |
| 191    | 12.695 | 12.677 | 12.728 | VV | 2383   | 41815   | 0.52%  | 0.028% |
| 192    | 12.748 | 12.728 | 12.767 | VV | 1838   | 28822   | 0.36%  | 0.019% |
| 193    | 12.783 | 12.767 | 12.821 | VV | 1373   | 23410   | 0.29%  | 0.016% |
| 194    | 12.860 | 12.821 | 12.891 | VV | 1216   | 30245   | 0.37%  | 0.020% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.924 | 12.891 | 12.970 | VV | 306094 | 3651155 | 45.07% | 2.460% |
| 196 | 12.984 | 12.970 | 13.027 | VV | 1149   | 28013   | 0.35%  | 0.019% |
| 197 | 13.040 | 13.027 | 13.056 | VV | 707    | 10130   | 0.13%  | 0.007% |
| 198 | 13.068 | 13.056 | 13.108 | VV | 702    | 9939    | 0.12%  | 0.007% |
| 199 | 13.179 | 13.108 | 13.230 | PV | 1267   | 37258   | 0.46%  | 0.025% |
| 200 | 13.244 | 13.230 | 13.265 | VV | 803    | 9094    | 0.11%  | 0.006% |
| 201 | 13.287 | 13.265 | 13.299 | VV | 1022   | 12474   | 0.15%  | 0.008% |
| 202 | 13.317 | 13.299 | 13.332 | VV | 1514   | 21078   | 0.26%  | 0.014% |
| 203 | 13.369 | 13.332 | 13.405 | VV | 291942 | 3526265 | 43.53% | 2.376% |
| 204 | 13.420 | 13.405 | 13.454 | VV | 1786   | 33852   | 0.42%  | 0.023% |
| 205 | 13.474 | 13.454 | 13.496 | VV | 749    | 14886   | 0.18%  | 0.010% |
| 206 | 13.536 | 13.496 | 13.684 | VV | 295749 | 3580576 | 44.20% | 2.412% |
| 207 | 13.705 | 13.684 | 13.725 | PV | 466    | 6158    | 0.08%  | 0.004% |
| 208 | 13.765 | 13.725 | 13.790 | VV | 1629   | 33253   | 0.41%  | 0.022% |
| 209 | 13.808 | 13.790 | 13.831 | VV | 1264   | 23541   | 0.29%  | 0.016% |
| 210 | 13.839 | 13.831 | 13.861 | VV | 758    | 9432    | 0.12%  | 0.006% |
| 211 | 13.881 | 13.861 | 13.894 | VV | 736    | 10353   | 0.13%  | 0.007% |
| 212 | 13.916 | 13.894 | 13.941 | VV | 1169   | 20484   | 0.25%  | 0.014% |
| 213 | 13.963 | 13.941 | 14.001 | VV | 2295   | 38501   | 0.48%  | 0.026% |
| 214 | 14.030 | 14.001 | 14.054 | VV | 803    | 18134   | 0.22%  | 0.012% |
| 215 | 14.068 | 14.054 | 14.086 | VV | 771    | 10512   | 0.13%  | 0.007% |
| 216 | 14.122 | 14.086 | 14.163 | VV | 273957 | 3471935 | 42.86% | 2.339% |
| 217 | 14.177 | 14.163 | 14.194 | VV | 1183   | 17728   | 0.22%  | 0.012% |
| 218 | 14.203 | 14.194 | 14.231 | VV | 682    | 11884   | 0.15%  | 0.008% |
| 219 | 14.237 | 14.231 | 14.291 | VV | 290    | 5647    | 0.07%  | 0.004% |
| 220 | 14.348 | 14.291 | 14.378 | PV | 1404   | 35183   | 0.43%  | 0.024% |
| 221 | 14.391 | 14.378 | 14.402 | VV | 674    | 8452    | 0.10%  | 0.006% |
| 222 | 14.417 | 14.402 | 14.438 | VV | 755    | 11801   | 0.15%  | 0.008% |
| 223 | 14.452 | 14.438 | 14.465 | VV | 635    | 7561    | 0.09%  | 0.005% |
| 224 | 14.484 | 14.465 | 14.498 | VV | 921    | 12401   | 0.15%  | 0.008% |
| 225 | 14.555 | 14.498 | 14.582 | VV | 1557   | 50204   | 0.62%  | 0.034% |
| 226 | 14.599 | 14.582 | 14.608 | VV | 447    | 6756    | 0.08%  | 0.005% |
| 227 | 14.634 | 14.608 | 14.654 | VV | 1126   | 16888   | 0.21%  | 0.011% |
| 228 | 14.682 | 14.654 | 14.717 | VV | 11075  | 142466  | 1.76%  | 0.096% |
| 229 | 14.751 | 14.717 | 14.794 | VV | 1145   | 28807   | 0.36%  | 0.019% |
| 230 | 14.809 | 14.794 | 14.852 | VV | 713    | 12228   | 0.15%  | 0.008% |
| 231 | 14.889 | 14.852 | 14.911 | PV | 988    | 18294   | 0.23%  | 0.012% |
| 232 | 14.938 | 14.911 | 14.955 | VV | 930    | 18765   | 0.23%  | 0.013% |
| 233 | 14.965 | 14.955 | 14.984 | VV | 783    | 10641   | 0.13%  | 0.007% |
| 234 | 15.004 | 14.984 | 15.017 | VV | 699    | 10606   | 0.13%  | 0.007% |
| 235 | 15.034 | 15.017 | 15.054 | VV | 996    | 13741   | 0.17%  | 0.009% |
| 236 | 15.078 | 15.054 | 15.096 | VV | 1269   | 20829   | 0.26%  | 0.014% |
| 237 | 15.107 | 15.096 | 15.124 | VV | 825    | 10040   | 0.12%  | 0.007% |
| 238 | 15.225 | 15.124 | 15.268 | VV | 262690 | 3350007 | 41.36% | 2.257% |
| 239 | 15.275 | 15.268 | 15.294 | VV | 1226   | 18178   | 0.22%  | 0.012% |
| 240 | 15.301 | 15.294 | 15.342 | VV | 1062   | 24883   | 0.31%  | 0.017% |
| 241 | 15.362 | 15.342 | 15.393 | VV | 906    | 22271   | 0.27%  | 0.015% |
| 242 | 15.418 | 15.393 | 15.448 | VV | 1259   | 32096   | 0.40%  | 0.022% |
| 243 | 15.470 | 15.448 | 15.514 | VV | 939    | 29313   | 0.36%  | 0.020% |
| 244 | 15.534 | 15.514 | 15.546 | VV | 1075   | 16889   | 0.21%  | 0.011% |
| 245 | 15.558 | 15.546 | 15.587 | VV | 1109   | 19350   | 0.24%  | 0.013% |
| 246 | 15.610 | 15.587 | 15.632 | VV | 1070   | 19268   | 0.24%  | 0.013% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.659 | 15.632 | 15.688 | VV | 767    | 17332   | 0.21%  | 0.012% |
| 248 | 15.701 | 15.688 | 15.714 | VV | 543    | 6564    | 0.08%  | 0.004% |
| 249 | 15.744 | 15.714 | 15.775 | VV | 10198  | 141798  | 1.75%  | 0.096% |
| 250 | 15.791 | 15.775 | 15.813 | VV | 650    | 10876   | 0.13%  | 0.007% |
| 251 | 15.831 | 15.813 | 15.857 | VV | 386    | 6497    | 0.08%  | 0.004% |
| 252 | 15.882 | 15.857 | 15.903 | PV | 1455   | 17243   | 0.21%  | 0.012% |
| 253 | 15.926 | 15.903 | 15.961 | PV | 1030   | 19355   | 0.24%  | 0.013% |
| 254 | 15.974 | 15.961 | 15.989 | VV | 647    | 9034    | 0.11%  | 0.006% |
| 255 | 16.008 | 15.989 | 16.026 | VV | 605    | 8050    | 0.10%  | 0.005% |
| 256 | 16.065 | 16.026 | 16.086 | VV | 1245   | 25160   | 0.31%  | 0.017% |
| 257 | 16.117 | 16.086 | 16.157 | VV | 1111   | 30286   | 0.37%  | 0.020% |
| 258 | 16.246 | 16.157 | 16.321 | VV | 246242 | 3194538 | 39.44% | 2.152% |
| 259 | 16.342 | 16.321 | 16.361 | VV | 1079   | 23496   | 0.29%  | 0.016% |
| 260 | 16.369 | 16.361 | 16.393 | VV | 1181   | 20613   | 0.25%  | 0.014% |
| 261 | 16.434 | 16.393 | 16.448 | VV | 2263   | 59914   | 0.74%  | 0.040% |
| 262 | 16.452 | 16.448 | 16.490 | VV | 2165   | 48031   | 0.59%  | 0.032% |
| 263 | 16.556 | 16.490 | 16.574 | VV | 2793   | 115508  | 1.43%  | 0.078% |
| 264 | 16.606 | 16.574 | 16.659 | VV | 2975   | 123750  | 1.53%  | 0.083% |
| 265 | 16.728 | 16.659 | 16.795 | VV | 13020  | 341024  | 4.21%  | 0.230% |
| 266 | 16.828 | 16.795 | 16.844 | VV | 2863   | 75110   | 0.93%  | 0.051% |
| 267 | 16.892 | 16.844 | 16.931 | VV | 3610   | 158020  | 1.95%  | 0.106% |
| 268 | 16.944 | 16.931 | 16.978 | VV | 3106   | 82253   | 1.02%  | 0.055% |
| 269 | 17.032 | 16.978 | 17.044 | VV | 3156   | 116366  | 1.44%  | 0.078% |
| 270 | 17.074 | 17.044 | 17.096 | VV | 3880   | 102336  | 1.26%  | 0.069% |
| 271 | 17.116 | 17.096 | 17.135 | VV | 3670   | 76900   | 0.95%  | 0.052% |
| 272 | 17.196 | 17.135 | 17.248 | VV | 221089 | 3223600 | 39.80% | 2.172% |
| 273 | 17.256 | 17.248 | 17.275 | VV | 5237   | 77826   | 0.96%  | 0.052% |
| 274 | 17.371 | 17.275 | 17.404 | VV | 6110   | 400040  | 4.94%  | 0.270% |
| 275 | 17.441 | 17.404 | 17.468 | VV | 7898   | 247971  | 3.06%  | 0.167% |
| 276 | 17.529 | 17.468 | 17.558 | VV | 6998   | 343000  | 4.23%  | 0.231% |
| 277 | 17.646 | 17.558 | 17.673 | VV | 18840  | 677856  | 8.37%  | 0.457% |
| 278 | 17.686 | 17.673 | 17.704 | VV | 7768   | 132597  | 1.64%  | 0.089% |
| 279 | 17.718 | 17.704 | 17.737 | VV | 7665   | 141573  | 1.75%  | 0.095% |
| 280 | 17.763 | 17.737 | 17.800 | VV | 10623  | 316309  | 3.90%  | 0.213% |
| 281 | 17.811 | 17.800 | 17.838 | VV | 7508   | 156961  | 1.94%  | 0.106% |
| 282 | 17.852 | 17.838 | 17.883 | VV | 7542   | 186559  | 2.30%  | 0.126% |
| 283 | 17.929 | 17.883 | 17.955 | VV | 7964   | 310374  | 3.83%  | 0.209% |
| 284 | 17.985 | 17.955 | 18.013 | VV | 9559   | 295054  | 3.64%  | 0.199% |
| 285 | 18.032 | 18.013 | 18.042 | VV | 9163   | 153249  | 1.89%  | 0.103% |
| 286 | 18.085 | 18.042 | 18.118 | VV | 213180 | 3204973 | 39.57% | 2.159% |
| 287 | 18.131 | 18.118 | 18.164 | VV | 9296   | 235910  | 2.91%  | 0.159% |
| 288 | 18.232 | 18.164 | 18.314 | VV | 23731  | 1074896 | 13.27% | 0.724% |
| 289 | 18.331 | 18.314 | 18.345 | VV | 9933   | 174249  | 2.15%  | 0.117% |
| 290 | 18.402 | 18.345 | 18.414 | VV | 11250  | 432291  | 5.34%  | 0.291% |
| 291 | 18.433 | 18.414 | 18.468 | VV | 12870  | 384746  | 4.75%  | 0.259% |
| 292 | 18.506 | 18.468 | 18.544 | VV | 24139  | 689092  | 8.51%  | 0.464% |
| 293 | 18.599 | 18.544 | 18.621 | VV | 22437  | 684292  | 8.45%  | 0.461% |
| 294 | 18.633 | 18.621 | 18.714 | VV | 15081  | 679469  | 8.39%  | 0.458% |
| 295 | 18.766 | 18.714 | 18.784 | VV | 13529  | 541882  | 6.69%  | 0.365% |
| 296 | 18.794 | 18.784 | 18.803 | VV | 13450  | 149542  | 1.85%  | 0.101% |
| 297 | 18.818 | 18.803 | 18.848 | VV | 13715  | 346149  | 4.27%  | 0.233% |
| 298 | 18.918 | 18.848 | 18.968 | VV | 212711 | 3779989 | 46.66% | 2.547% |
| 299 | 19.025 | 18.968 | 19.051 | VV | 22575  | 870364  | 10.74% | 0.586% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 300    | 19.072 | 19.051 | 19.096 | VV | 22619  | 545779  | 6.74%   | 0.368% |
| 301    | 19.103 | 19.096 | 19.134 | VV | 18692  | 411527  | 5.08%   | 0.277% |
| 302    | 19.159 | 19.134 | 19.183 | VV | 18719  | 531633  | 6.56%   | 0.358% |
| 303    | 19.206 | 19.183 | 19.251 | VV | 18114  | 678733  | 8.38%   | 0.457% |
| 304    | 19.315 | 19.251 | 19.337 | VV | 28417  | 1042791 | 12.87%  | 0.703% |
| 305    | 19.354 | 19.337 | 19.395 | VV | 23011  | 671365  | 8.29%   | 0.452% |
| 306    | 19.424 | 19.395 | 19.470 | VV | 22123  | 883648  | 10.91%  | 0.595% |
| 307    | 19.541 | 19.470 | 19.557 | VV | 20569  | 1037076 | 12.80%  | 0.699% |
| 308    | 19.632 | 19.557 | 19.654 | VV | 21774  | 1221447 | 15.08%  | 0.823% |
| 309    | 19.703 | 19.654 | 19.798 | VV | 232940 | 5052213 | 62.37%  | 3.404% |
| 310    | 19.829 | 19.798 | 19.888 | VV | 28558  | 1388764 | 17.14%  | 0.936% |
| 311    | 19.901 | 19.888 | 19.910 | VV | 24865  | 330841  | 4.08%   | 0.223% |
| 312    | 19.986 | 19.910 | 20.021 | VV | 27179  | 1738813 | 21.47%  | 1.171% |
| 313    | 20.077 | 20.021 | 20.104 | VV | 37443  | 1518824 | 18.75%  | 1.023% |
| 314    | 20.129 | 20.104 | 20.156 | VV | 32991  | 944788  | 11.66%  | 0.637% |
| 315    | 20.203 | 20.156 | 20.214 | VV | 30604  | 1038818 | 12.82%  | 0.700% |
| 316    | 20.244 | 20.214 | 20.273 | VV | 33129  | 1087631 | 13.43%  | 0.733% |
| 317    | 20.321 | 20.273 | 20.330 | VV | 34614  | 1125144 | 13.89%  | 0.758% |
| 318    | 20.354 | 20.330 | 20.372 | VV | 36384  | 885172  | 10.93%  | 0.596% |
| 319    | 20.389 | 20.372 | 20.404 | VV | 36507  | 669622  | 8.27%   | 0.451% |
| 320    | 20.444 | 20.404 | 20.483 | VV | 261252 | 5083913 | 62.76%  | 3.425% |
| 321    | 20.516 | 20.483 | 20.528 | VV | 44960  | 1139773 | 14.07%  | 0.768% |
| 322    | 20.538 | 20.528 | 20.591 | VV | 43589  | 1538759 | 19.00%  | 1.037% |
| 323    | 20.601 | 20.591 | 20.621 | VV | 39244  | 699951  | 8.64%   | 0.472% |
| 324    | 20.659 | 20.621 | 20.677 | VV | 42421  | 1371653 | 16.93%  | 0.924% |
| 325    | 20.720 | 20.677 | 20.744 | VV | 43693  | 1701942 | 21.01%  | 1.147% |
| 326    | 20.800 | 20.744 | 20.836 | VV | 47539  | 2320441 | 28.65%  | 1.563% |
| 327    | 20.857 | 20.836 | 20.868 | VV | 42367  | 827150  | 10.21%  | 0.557% |
| 328    | 20.915 | 20.868 | 20.954 | VV | 44117  | 2168014 | 26.76%  | 1.461% |
| 329    | 21.037 | 20.954 | 21.048 | VV | 44216  | 2363661 | 29.18%  | 1.592% |
| 330    | 21.051 | 21.048 | 21.115 | VV | 44073  | 1685508 | 20.81%  | 1.136% |
| 331    | 21.184 | 21.115 | 21.258 | VV | 265531 | 7496991 | 92.55%  | 5.051% |
| 332    | 21.282 | 21.258 | 21.291 | VV | 42573  | 832360  | 10.28%  | 0.561% |
| 333    | 21.307 | 21.291 | 21.414 | VV | 41974  | 2964584 | 36.60%  | 1.997% |
| 334    | 21.506 | 21.414 | 21.516 | VV | 41560  | 2465283 | 30.43%  | 1.661% |
| 335    | 21.521 | 21.516 | 21.541 | VV | 41314  | 613165  | 7.57%   | 0.413% |
| 336    | 21.546 | 21.541 | 21.559 | VV | 40034  | 432100  | 5.33%   | 0.291% |
| 337    | 21.609 | 21.559 | 21.664 | VV | 43695  | 2546385 | 31.43%  | 1.716% |
| 338    | 21.684 | 21.664 | 21.703 | VV | 38204  | 879902  | 10.86%  | 0.593% |
| 339    | 21.740 | 21.703 | 21.764 | VV | 38857  | 1396760 | 17.24%  | 0.941% |
| 340    | 21.777 | 21.764 | 21.790 | VV | 38707  | 592376  | 7.31%   | 0.399% |
| 341    | 21.805 | 21.790 | 21.814 | VV | 38627  | 548686  | 6.77%   | 0.370% |
| 342    | 21.825 | 21.814 | 21.838 | VV | 38517  | 540390  | 6.67%   | 0.364% |
| 343    | 21.848 | 21.838 | 21.865 | VV | 39058  | 620164  | 7.66%   | 0.418% |
| 344    | 21.875 | 21.865 | 21.912 | VV | 37655  | 1044519 | 12.89%  | 0.704% |
| 345    | 21.928 | 21.912 | 21.945 | VV | 36653  | 720764  | 8.90%   | 0.486% |
| 346    | 21.958 | 21.945 | 21.991 | VV | 36643  | 981356  | 12.11%  | 0.661% |
| 347    | 22.008 | 21.991 | 22.017 | VV | 36052  | 555521  | 6.86%   | 0.374% |
| 348    | 22.102 | 22.017 | 22.187 | VV | 226345 | 8100506 | 100.00% | 5.458% |
| 349    | 22.231 | 22.187 | 22.242 | VV | 35239  | 1123094 | 13.86%  | 0.757% |
| 350    | 22.262 | 22.242 | 22.281 | VV | 35461  | 823078  | 10.16%  | 0.555% |

Sum of corrected areas: 148427560

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