

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120718AR\  
 Data File : FD026781.D  
 Signal(s) : FID2B.CH  
 Acq On : 08 Dec 2018 3:12  
 Sample : J6233-04  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 120718.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         | 1.690       | 1.681        | 1.800      | PV       | 2612           | 8980         | 0.15%          | 0.008%        |
| 2         | 1.809       | 1.800        | 1.895      | PV       | 591            | 10436        | 0.17%          | 0.009%        |
| 3         | 1.904       | 1.895        | 1.936      | VV       | 681            | 6103         | 0.10%          | 0.005%        |
| 4         | 1.945       | 1.936        | 1.984      | PV       | 490            | 5810         | 0.10%          | 0.005%        |
| 5         | 2.308       | 2.292        | 2.341      | PV       | 1338           | 9866         | 0.16%          | 0.008%        |
| 6         | 2.353       | 2.341        | 2.457      | PV       | 636            | 6432         | 0.11%          | 0.005%        |
| 7         | 2.468       | 2.457        | 2.604      | PV       | 568            | 6741         | 0.11%          | 0.006%        |
| 8         | 2.615       | 2.604        | 2.690      | PV       | 224            | 6482         | 0.11%          | 0.005%        |
| 9         | 2.718       | 2.690        | 2.782      | PV       | 839            | 10415        | 0.17%          | 0.009%        |
| 10        | 2.792       | 2.782        | 2.852      | PV       | 215            | 6172         | 0.10%          | 0.005%        |
| 11        | 2.862       | 2.852        | 2.921      | VV       | 390            | 7507         | 0.12%          | 0.006%        |
| 12        | 2.928       | 2.921        | 2.979      | PV       | 130            | 2240         | 0.04%          | 0.002%        |
| 13        | 2.983       | 2.979        | 3.077      | VV       | 84             | 2177         | 0.04%          | 0.002%        |
| 14        | 3.089       | 3.077        | 3.221      | PV       | 146            | 2870         | 0.05%          | 0.002%        |
| 15        | 3.222       | 3.221        | 3.302      | PV       | 130            | 2753         | 0.05%          | 0.002%        |
| 16        | 3.309       | 3.302        | 3.368      | PV       | 57             | 1480         | 0.02%          | 0.001%        |
| 17        | 3.384       | 3.368        | 3.452      | PV       | 688            | 7784         | 0.13%          | 0.007%        |
| 18        | 3.467       | 3.452        | 3.502      | PV       | 319            | 3796         | 0.06%          | 0.003%        |
| 19        | 3.504       | 3.502        | 3.552      | VV       | 138            | 2825         | 0.05%          | 0.002%        |
| 20        | 3.582       | 3.552        | 3.646      | PV       | 210            | 6554         | 0.11%          | 0.006%        |
| 21        | 3.657       | 3.646        | 3.724      | PV       | 203            | 4847         | 0.08%          | 0.004%        |
| 22        | 3.753       | 3.724        | 3.821      | VV       | 262            | 5483         | 0.09%          | 0.005%        |
| 23        | 3.845       | 3.821        | 3.877      | PV       | 206            | 3391         | 0.06%          | 0.003%        |
| 24        | 3.911       | 3.877        | 3.942      | VV       | 376            | 7120         | 0.12%          | 0.006%        |
| 25        | 3.952       | 3.942        | 3.982      | VV       | 301            | 4207         | 0.07%          | 0.004%        |
| 26        | 3.991       | 3.982        | 4.036      | VV       | 248            | 4548         | 0.08%          | 0.004%        |
| 27        | 4.039       | 4.036        | 4.048      | VV       | 172            | 1073         | 0.02%          | 0.001%        |
| 28        | 4.074       | 4.048        | 4.117      | VV       | 348            | 8418         | 0.14%          | 0.007%        |
| 29        | 4.127       | 4.117        | 4.137      | VV       | 172            | 2062         | 0.03%          | 0.002%        |
| 30        | 4.154       | 4.137        | 4.172      | VV       | 371            | 5742         | 0.10%          | 0.005%        |
| 31        | 4.187       | 4.172        | 4.237      | VV       | 387            | 10298        | 0.17%          | 0.009%        |
| 32        | 4.265       | 4.237        | 4.280      | VV       | 636            | 9928         | 0.17%          | 0.008%        |
| 33        | 4.309       | 4.280        | 4.331      | VV       | 601            | 12114        | 0.20%          | 0.010%        |
| 34        | 4.356       | 4.331        | 4.422      | VV       | 524            | 16113        | 0.27%          | 0.014%        |
| 35        | 4.435       | 4.422        | 4.477      | VV       | 242            | 4000         | 0.07%          | 0.003%        |
| 36        | 4.492       | 4.477        | 4.512      | VV       | 358            | 4915         | 0.08%          | 0.004%        |

|    |       |       |       |    |            |       |       |        |  |
|----|-------|-------|-------|----|------------|-------|-------|--------|--|
|    |       |       |       |    | rteres.txt |       |       |        |  |
| 37 | 4.524 | 4.512 | 4.587 | VV | 348        | 7742  | 0.13% | 0.007% |  |
| 38 | 4.599 | 4.587 | 4.652 | VV | 337        | 6520  | 0.11% | 0.005% |  |
| 39 | 4.672 | 4.652 | 4.692 | VV | 201        | 3364  | 0.06% | 0.003% |  |
| 40 | 4.706 | 4.692 | 4.718 | PV | 177        | 1382  | 0.02% | 0.001% |  |
| 41 | 4.740 | 4.718 | 4.769 | VV | 176        | 3891  | 0.06% | 0.003% |  |
| 42 | 4.784 | 4.769 | 4.822 | VV | 1051       | 11954 | 0.20% | 0.010% |  |
| 43 | 4.838 | 4.822 | 4.854 | VV | 555        | 6526  | 0.11% | 0.005% |  |
| 44 | 4.859 | 4.854 | 4.882 | VV | 403        | 3871  | 0.06% | 0.003% |  |
| 45 | 4.903 | 4.882 | 4.916 | PV | 266        | 3276  | 0.05% | 0.003% |  |
| 46 | 4.928 | 4.916 | 4.959 | VV | 206        | 3477  | 0.06% | 0.003% |  |
| 47 | 4.974 | 4.959 | 4.989 | VV | 455        | 4877  | 0.08% | 0.004% |  |
| 48 | 5.008 | 4.989 | 5.036 | VV | 785        | 11363 | 0.19% | 0.010% |  |
| 49 | 5.052 | 5.036 | 5.064 | VV | 213        | 2901  | 0.05% | 0.002% |  |
| 50 | 5.073 | 5.064 | 5.107 | VV | 269        | 4184  | 0.07% | 0.004% |  |
| 51 | 5.116 | 5.107 | 5.144 | PV | 145        | 2437  | 0.04% | 0.002% |  |
| 52 | 5.150 | 5.144 | 5.165 | VV | 204        | 1999  | 0.03% | 0.002% |  |
| 53 | 5.184 | 5.165 | 5.199 | VV | 553        | 6827  | 0.11% | 0.006% |  |
| 54 | 5.229 | 5.199 | 5.268 | VV | 652        | 13583 | 0.23% | 0.011% |  |
| 55 | 5.285 | 5.268 | 5.310 | VV | 304        | 4260  | 0.07% | 0.004% |  |
| 56 | 5.321 | 5.310 | 5.330 | VV | 181        | 1175  | 0.02% | 0.001% |  |
| 57 | 5.363 | 5.330 | 5.418 | VV | 386        | 10652 | 0.18% | 0.009% |  |
| 58 | 5.455 | 5.418 | 5.494 | VV | 687        | 12809 | 0.21% | 0.011% |  |
| 59 | 5.509 | 5.494 | 5.527 | VV | 378        | 4806  | 0.08% | 0.004% |  |
| 60 | 5.547 | 5.527 | 5.564 | VV | 424        | 5550  | 0.09% | 0.005% |  |
| 61 | 5.605 | 5.564 | 5.622 | VV | 339        | 7767  | 0.13% | 0.007% |  |
| 62 | 5.634 | 5.622 | 5.653 | VV | 377        | 5199  | 0.09% | 0.004% |  |
| 63 | 5.717 | 5.653 | 5.740 | VV | 2726       | 38419 | 0.64% | 0.032% |  |
| 64 | 5.758 | 5.740 | 5.781 | VV | 517        | 10505 | 0.17% | 0.009% |  |
| 65 | 5.787 | 5.781 | 5.809 | VV | 521        | 7729  | 0.13% | 0.006% |  |
| 66 | 5.855 | 5.809 | 5.879 | VV | 657        | 22393 | 0.37% | 0.019% |  |
| 67 | 5.897 | 5.879 | 5.996 | VV | 1179       | 33128 | 0.55% | 0.028% |  |
| 68 | 6.011 | 5.996 | 6.042 | VV | 398        | 6079  | 0.10% | 0.005% |  |
| 69 | 6.054 | 6.042 | 6.067 | VV | 222        | 2341  | 0.04% | 0.002% |  |
| 70 | 6.085 | 6.067 | 6.145 | VV | 380        | 6934  | 0.12% | 0.006% |  |
| 71 | 6.164 | 6.145 | 6.194 | VV | 803        | 8418  | 0.14% | 0.007% |  |
| 72 | 6.246 | 6.194 | 6.257 | VV | 189        | 3203  | 0.05% | 0.003% |  |
| 73 | 6.274 | 6.257 | 6.290 | VV | 239        | 2649  | 0.04% | 0.002% |  |
| 74 | 6.307 | 6.290 | 6.339 | VV | 160        | 2335  | 0.04% | 0.002% |  |
| 75 | 6.351 | 6.339 | 6.378 | PV | 182        | 2660  | 0.04% | 0.002% |  |
| 76 | 6.388 | 6.378 | 6.417 | VV | 159        | 2585  | 0.04% | 0.002% |  |
| 77 | 6.431 | 6.417 | 6.448 | VV | 388        | 3774  | 0.06% | 0.003% |  |
| 78 | 6.466 | 6.448 | 6.481 | PV | 210        | 2255  | 0.04% | 0.002% |  |
| 79 | 6.497 | 6.481 | 6.518 | VV | 270        | 3317  | 0.06% | 0.003% |  |
| 80 | 6.548 | 6.518 | 6.594 | PV | 844        | 12972 | 0.22% | 0.011% |  |
| 81 | 6.623 | 6.594 | 6.647 | VV | 277        | 5745  | 0.10% | 0.005% |  |
| 82 | 6.671 | 6.647 | 6.694 | VV | 478        | 9621  | 0.16% | 0.008% |  |
| 83 | 6.712 | 6.694 | 6.744 | VV | 605        | 12629 | 0.21% | 0.011% |  |
| 84 | 6.766 | 6.744 | 6.805 | VV | 2695       | 35469 | 0.59% | 0.030% |  |
| 85 | 6.820 | 6.805 | 6.832 | VV | 325        | 4088  | 0.07% | 0.003% |  |
| 86 | 6.858 | 6.832 | 6.876 | VV | 579        | 10170 | 0.17% | 0.009% |  |
| 87 | 6.898 | 6.876 | 6.927 | VV | 3787       | 40511 | 0.67% | 0.034% |  |
| 88 | 6.945 | 6.927 | 6.997 | VV | 597        | 10614 | 0.18% | 0.009% |  |
| 89 | 7.050 | 6.997 | 7.067 | VV | 781        | 12074 | 0.20% | 0.010% |  |

|     |       |       |       |    |            |         |        |        |
|-----|-------|-------|-------|----|------------|---------|--------|--------|
|     |       |       |       |    | rteres.txt |         |        |        |
| 90  | 7.080 | 7.067 | 7.119 | VV | 666        | 10712   | 0.18%  | 0.009% |
| 91  | 7.148 | 7.119 | 7.184 | VV | 564        | 10193   | 0.17%  | 0.009% |
| 92  | 7.236 | 7.184 | 7.279 | PV | 498        | 14395   | 0.24%  | 0.012% |
| 93  | 7.301 | 7.279 | 7.324 | VV | 594        | 7791    | 0.13%  | 0.007% |
| 94  | 7.380 | 7.324 | 7.431 | VV | 315175     | 3000677 | 49.93% | 2.523% |
| 95  | 7.442 | 7.431 | 7.456 | VV | 783        | 11391   | 0.19%  | 0.010% |
| 96  | 7.492 | 7.456 | 7.562 | VV | 2207       | 67817   | 1.13%  | 0.057% |
| 97  | 7.588 | 7.562 | 7.611 | VV | 393        | 6799    | 0.11%  | 0.006% |
| 98  | 7.643 | 7.611 | 7.682 | VV | 915        | 17746   | 0.30%  | 0.015% |
| 99  | 7.694 | 7.682 | 7.721 | VV | 513        | 9363    | 0.16%  | 0.008% |
| 100 | 7.738 | 7.721 | 7.796 | VV | 1614       | 36055   | 0.60%  | 0.030% |
| 101 | 7.854 | 7.796 | 7.870 | VV | 4326       | 57197   | 0.95%  | 0.048% |
| 102 | 7.882 | 7.870 | 7.901 | VV | 2734       | 28182   | 0.47%  | 0.024% |
| 103 | 7.914 | 7.901 | 7.936 | VV | 707        | 9416    | 0.16%  | 0.008% |
| 104 | 7.949 | 7.936 | 7.981 | VV | 745        | 10132   | 0.17%  | 0.009% |
| 105 | 8.033 | 7.981 | 8.067 | VV | 2509       | 54819   | 0.91%  | 0.046% |
| 106 | 8.098 | 8.067 | 8.109 | VV | 748        | 10845   | 0.18%  | 0.009% |
| 107 | 8.123 | 8.109 | 8.141 | VV | 1176       | 14020   | 0.23%  | 0.012% |
| 108 | 8.155 | 8.141 | 8.174 | VV | 528        | 5920    | 0.10%  | 0.005% |
| 109 | 8.177 | 8.174 | 8.191 | VV | 250        | 1454    | 0.02%  | 0.001% |
| 110 | 8.230 | 8.191 | 8.276 | PV | 212021     | 2062264 | 34.31% | 1.734% |
| 111 | 8.293 | 8.276 | 8.307 | VV | 729        | 12103   | 0.20%  | 0.010% |
| 112 | 8.327 | 8.307 | 8.352 | VV | 9854       | 101459  | 1.69%  | 0.085% |
| 113 | 8.381 | 8.352 | 8.406 | VV | 873        | 14121   | 0.23%  | 0.012% |
| 114 | 8.411 | 8.406 | 8.424 | VV | 421        | 3474    | 0.06%  | 0.003% |
| 115 | 8.446 | 8.424 | 8.471 | VV | 1624       | 21167   | 0.35%  | 0.018% |
| 116 | 8.486 | 8.471 | 8.514 | VV | 471        | 8564    | 0.14%  | 0.007% |
| 117 | 8.529 | 8.514 | 8.544 | VV | 730        | 7866    | 0.13%  | 0.007% |
| 118 | 8.571 | 8.544 | 8.584 | VV | 2070       | 25820   | 0.43%  | 0.022% |
| 119 | 8.600 | 8.584 | 8.629 | VV | 4335       | 46756   | 0.78%  | 0.039% |
| 120 | 8.674 | 8.629 | 8.717 | VV | 1325       | 35960   | 0.60%  | 0.030% |
| 121 | 8.739 | 8.717 | 8.757 | VV | 1599       | 17819   | 0.30%  | 0.015% |
| 122 | 8.778 | 8.757 | 8.820 | VV | 2395       | 35734   | 0.59%  | 0.030% |
| 123 | 8.844 | 8.820 | 8.867 | VV | 415        | 7948    | 0.13%  | 0.007% |
| 124 | 8.893 | 8.867 | 8.910 | VV | 2062       | 24174   | 0.40%  | 0.020% |
| 125 | 8.925 | 8.910 | 8.938 | VV | 1474       | 15974   | 0.27%  | 0.013% |
| 126 | 8.963 | 8.938 | 8.993 | VV | 2575       | 46230   | 0.77%  | 0.039% |
| 127 | 9.028 | 8.993 | 9.049 | VV | 1806       | 29619   | 0.49%  | 0.025% |
| 128 | 9.061 | 9.049 | 9.078 | VV | 647        | 8404    | 0.14%  | 0.007% |
| 129 | 9.106 | 9.078 | 9.162 | VV | 11321      | 132650  | 2.21%  | 0.112% |
| 130 | 9.188 | 9.162 | 9.206 | VV | 2124       | 27117   | 0.45%  | 0.023% |
| 131 | 9.224 | 9.206 | 9.237 | VV | 1154       | 16583   | 0.28%  | 0.014% |
| 132 | 9.255 | 9.237 | 9.275 | VV | 2116       | 29337   | 0.49%  | 0.025% |
| 133 | 9.289 | 9.275 | 9.299 | VV | 962        | 12534   | 0.21%  | 0.011% |
| 134 | 9.316 | 9.299 | 9.337 | VV | 2007       | 25489   | 0.42%  | 0.021% |
| 135 | 9.364 | 9.337 | 9.401 | VV | 706        | 16015   | 0.27%  | 0.013% |
| 136 | 9.429 | 9.401 | 9.446 | VV | 2243       | 31542   | 0.52%  | 0.027% |
| 137 | 9.471 | 9.446 | 9.500 | VV | 1386       | 30407   | 0.51%  | 0.026% |
| 138 | 9.528 | 9.500 | 9.572 | VV | 2566       | 46576   | 0.77%  | 0.039% |
| 139 | 9.586 | 9.572 | 9.611 | VV | 762        | 9721    | 0.16%  | 0.008% |
| 140 | 9.626 | 9.611 | 9.667 | VV | 512        | 8632    | 0.14%  | 0.007% |
| 141 | 9.693 | 9.667 | 9.744 | VV | 678        | 12883   | 0.21%  | 0.011% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 9.792  | 9.744  | 9.817  | PV | 334    | 6545    | 0.11%  | 0.006% |
| 143        | 9.851  | 9.817  | 9.869  | PV | 858    | 11281   | 0.19%  | 0.009% |
| 144        | 9.886  | 9.869  | 9.906  | VV | 453    | 7758    | 0.13%  | 0.007% |
| 145        | 9.922  | 9.906  | 9.935  | VV | 539    | 8107    | 0.13%  | 0.007% |
| 146        | 9.981  | 9.935  | 10.003 | VV | 3779   | 63314   | 1.05%  | 0.053% |
| 147        | 10.021 | 10.003 | 10.051 | VV | 2385   | 29911   | 0.50%  | 0.025% |
| 148        | 10.099 | 10.051 | 10.139 | VV | 2537   | 59030   | 0.98%  | 0.050% |
| 149        | 10.159 | 10.139 | 10.182 | VV | 1074   | 20390   | 0.34%  | 0.017% |
| 150        | 10.197 | 10.182 | 10.211 | VV | 1067   | 13938   | 0.23%  | 0.012% |
| 151        | 10.226 | 10.211 | 10.247 | VV | 1639   | 24938   | 0.41%  | 0.021% |
| 152        | 10.271 | 10.247 | 10.285 | VV | 3630   | 51497   | 0.86%  | 0.043% |
| 153        | 10.301 | 10.285 | 10.337 | VV | 4094   | 61008   | 1.02%  | 0.051% |
| 154        | 10.358 | 10.337 | 10.384 | VV | 1122   | 21406   | 0.36%  | 0.018% |
| 155        | 10.402 | 10.384 | 10.419 | VV | 1087   | 13348   | 0.22%  | 0.011% |
| 156        | 10.494 | 10.419 | 10.544 | VV | 55107  | 584378  | 9.72%  | 0.491% |
| 157        | 10.567 | 10.544 | 10.624 | VV | 15238  | 171129  | 2.85%  | 0.144% |
| 158        | 10.646 | 10.624 | 10.657 | VV | 469    | 6650    | 0.11%  | 0.006% |
| 159        | 10.671 | 10.657 | 10.700 | VV | 615    | 12491   | 0.21%  | 0.011% |
| 160        | 10.712 | 10.700 | 10.740 | VV | 449    | 6296    | 0.10%  | 0.005% |
| 161        | 10.791 | 10.740 | 10.830 | PV | 3405   | 54864   | 0.91%  | 0.046% |
| 162        | 10.851 | 10.830 | 10.876 | VV | 1050   | 17829   | 0.30%  | 0.015% |
| 163        | 10.892 | 10.876 | 10.916 | VV | 1026   | 16609   | 0.28%  | 0.014% |
| 164        | 10.940 | 10.916 | 10.959 | VV | 1623   | 25706   | 0.43%  | 0.022% |
| 165        | 10.977 | 10.959 | 10.997 | VV | 1212   | 19367   | 0.32%  | 0.016% |
| 166        | 11.015 | 10.997 | 11.028 | VV | 2874   | 33888   | 0.56%  | 0.028% |
| 167        | 11.037 | 11.028 | 11.067 | VV | 1871   | 26050   | 0.43%  | 0.022% |
| 168        | 11.096 | 11.067 | 11.118 | VV | 922    | 19270   | 0.32%  | 0.016% |
| 169        | 11.145 | 11.118 | 11.170 | VV | 2783   | 34549   | 0.57%  | 0.029% |
| 170        | 11.186 | 11.170 | 11.203 | VV | 537    | 6150    | 0.10%  | 0.005% |
| 171        | 11.273 | 11.203 | 11.308 | PV | 196532 | 2137043 | 35.56% | 1.797% |
| 172        | 11.323 | 11.308 | 11.363 | VV | 11700  | 127144  | 2.12%  | 0.107% |
| 173        | 11.404 | 11.363 | 11.423 | VV | 13178  | 191470  | 3.19%  | 0.161% |
| 174        | 11.440 | 11.423 | 11.455 | VV | 7072   | 79542   | 1.32%  | 0.067% |
| 175        | 11.471 | 11.455 | 11.502 | VV | 8392   | 97472   | 1.62%  | 0.082% |
| 176        | 11.522 | 11.502 | 11.541 | VV | 478    | 5996    | 0.10%  | 0.005% |
| 177        | 11.556 | 11.541 | 11.574 | VV | 280    | 3770    | 0.06%  | 0.003% |
| 178        | 11.595 | 11.574 | 11.607 | VV | 457    | 4983    | 0.08%  | 0.004% |
| 179        | 11.627 | 11.607 | 11.664 | VV | 1349   | 23950   | 0.40%  | 0.020% |
| 180        | 11.693 | 11.664 | 11.718 | VV | 16889  | 189863  | 3.16%  | 0.160% |
| 181        | 11.734 | 11.718 | 11.746 | VV | 687    | 8663    | 0.14%  | 0.007% |
| 182        | 11.766 | 11.746 | 11.783 | VV | 4113   | 50954   | 0.85%  | 0.043% |
| 183        | 11.792 | 11.783 | 11.807 | VV | 1586   | 16026   | 0.27%  | 0.013% |
| 184        | 11.826 | 11.807 | 11.871 | VV | 2302   | 34324   | 0.57%  | 0.029% |
| 185        | 11.906 | 11.871 | 11.925 | VV | 1370   | 31101   | 0.52%  | 0.026% |
| 186        | 11.938 | 11.925 | 11.954 | VV | 1230   | 16093   | 0.27%  | 0.014% |
| 187        | 11.969 | 11.954 | 12.000 | VV | 1376   | 29053   | 0.48%  | 0.024% |
| 188        | 12.012 | 12.000 | 12.022 | VV | 1129   | 12907   | 0.21%  | 0.011% |
| 189        | 12.038 | 12.022 | 12.062 | VV | 1828   | 31032   | 0.52%  | 0.026% |
| 190        | 12.080 | 12.062 | 12.121 | VV | 3578   | 65160   | 1.08%  | 0.055% |
| 191        | 12.158 | 12.121 | 12.169 | VV | 1807   | 32505   | 0.54%  | 0.027% |
| 192        | 12.188 | 12.169 | 12.208 | VV | 9236   | 113516  | 1.89%  | 0.095% |
| 193        | 12.225 | 12.208 | 12.240 | VV | 4011   | 57627   | 0.96%  | 0.048% |
| 194        | 12.252 | 12.240 | 12.265 | VV | 3167   | 39871   | 0.66%  | 0.034% |

| rteres.txt |        |        |        |    |       |         |        |        |
|------------|--------|--------|--------|----|-------|---------|--------|--------|
| 195        | 12.299 | 12.265 | 12.381 | VV | 72265 | 844841  | 14.06% | 0.710% |
| 196        | 12.409 | 12.381 | 12.421 | PV | 1406  | 22797   | 0.38%  | 0.019% |
| 197        | 12.433 | 12.421 | 12.456 | VV | 2476  | 31371   | 0.52%  | 0.026% |
| 198        | 12.482 | 12.456 | 12.508 | VV | 3746  | 65018   | 1.08%  | 0.055% |
| 199        | 12.544 | 12.508 | 12.567 | VV | 1948  | 50441   | 0.84%  | 0.042% |
| 200        | 12.592 | 12.567 | 12.629 | VV | 70076 | 754185  | 12.55% | 0.634% |
| 201        | 12.652 | 12.629 | 12.669 | VV | 6288  | 82547   | 1.37%  | 0.069% |
| 202        | 12.705 | 12.669 | 12.740 | VV | 79883 | 1394956 | 23.21% | 1.173% |
| 203        | 12.762 | 12.740 | 12.836 | VV | 57613 | 746219  | 12.42% | 0.627% |
| 204        | 12.864 | 12.836 | 12.907 | VV | 3827  | 86915   | 1.45%  | 0.073% |
| 205        | 12.940 | 12.907 | 12.970 | VV | 13240 | 195083  | 3.25%  | 0.164% |
| 206        | 12.995 | 12.970 | 13.012 | VV | 3364  | 47180   | 0.79%  | 0.040% |
| 207        | 13.052 | 13.012 | 13.099 | VV | 5733  | 143145  | 2.38%  | 0.120% |
| 208        | 13.117 | 13.099 | 13.137 | VV | 1579  | 32573   | 0.54%  | 0.027% |
| 209        | 13.182 | 13.137 | 13.219 | VV | 16233 | 272219  | 4.53%  | 0.229% |
| 210        | 13.231 | 13.219 | 13.242 | VV | 1892  | 22618   | 0.38%  | 0.019% |
| 211        | 13.252 | 13.242 | 13.267 | VV | 1806  | 24347   | 0.41%  | 0.020% |
| 212        | 13.289 | 13.267 | 13.308 | VV | 11497 | 147745  | 2.46%  | 0.124% |
| 213        | 13.326 | 13.308 | 13.348 | VV | 9420  | 127296  | 2.12%  | 0.107% |
| 214        | 13.366 | 13.348 | 13.391 | VV | 3612  | 66156   | 1.10%  | 0.056% |
| 215        | 13.454 | 13.391 | 13.475 | VV | 9396  | 199688  | 3.32%  | 0.168% |
| 216        | 13.494 | 13.475 | 13.521 | VV | 7594  | 109363  | 1.82%  | 0.092% |
| 217        | 13.531 | 13.521 | 13.542 | VV | 1485  | 18449   | 0.31%  | 0.016% |
| 218        | 13.568 | 13.542 | 13.594 | VV | 1834  | 49269   | 0.82%  | 0.041% |
| 219        | 13.613 | 13.594 | 13.626 | VV | 1519  | 27295   | 0.45%  | 0.023% |
| 220        | 13.642 | 13.626 | 13.665 | VV | 1637  | 33958   | 0.57%  | 0.029% |
| 221        | 13.706 | 13.665 | 13.714 | VV | 1600  | 42694   | 0.71%  | 0.036% |
| 222        | 13.727 | 13.714 | 13.741 | VV | 1795  | 25510   | 0.42%  | 0.021% |
| 223        | 13.759 | 13.741 | 13.782 | VV | 2373  | 48092   | 0.80%  | 0.040% |
| 224        | 13.802 | 13.782 | 13.817 | VV | 2252  | 37987   | 0.63%  | 0.032% |
| 225        | 13.877 | 13.817 | 13.892 | VV | 5157  | 135863  | 2.26%  | 0.114% |
| 226        | 13.909 | 13.892 | 13.939 | VV | 5560  | 113809  | 1.89%  | 0.096% |
| 227        | 14.014 | 13.939 | 14.056 | VV | 5135  | 226257  | 3.76%  | 0.190% |
| 228        | 14.086 | 14.056 | 14.107 | VV | 10391 | 176700  | 2.94%  | 0.149% |
| 229        | 14.116 | 14.107 | 14.131 | VV | 4078  | 53081   | 0.88%  | 0.045% |
| 230        | 14.150 | 14.131 | 14.174 | VV | 12931 | 185537  | 3.09%  | 0.156% |
| 231        | 14.211 | 14.174 | 14.243 | VV | 4095  | 133490  | 2.22%  | 0.112% |
| 232        | 14.278 | 14.243 | 14.297 | VV | 3864  | 105383  | 1.75%  | 0.089% |
| 233        | 14.330 | 14.297 | 14.380 | VV | 4660  | 177748  | 2.96%  | 0.149% |
| 234        | 14.409 | 14.380 | 14.424 | VV | 4085  | 86580   | 1.44%  | 0.073% |
| 235        | 14.459 | 14.424 | 14.479 | VV | 34219 | 473470  | 7.88%  | 0.398% |
| 236        | 14.499 | 14.479 | 14.529 | VV | 36559 | 466660  | 7.76%  | 0.392% |
| 237        | 14.561 | 14.529 | 14.582 | VV | 4113  | 117560  | 1.96%  | 0.099% |
| 238        | 14.619 | 14.582 | 14.644 | VV | 10009 | 227004  | 3.78%  | 0.191% |
| 239        | 14.666 | 14.644 | 14.684 | VV | 6048  | 125480  | 2.09%  | 0.106% |
| 240        | 14.703 | 14.684 | 14.741 | VV | 6481  | 157888  | 2.63%  | 0.133% |
| 241        | 14.769 | 14.741 | 14.810 | VV | 7131  | 228657  | 3.80%  | 0.192% |
| 242        | 14.821 | 14.810 | 14.834 | VV | 4914  | 65280   | 1.09%  | 0.055% |
| 243        | 14.843 | 14.834 | 14.862 | VV | 4656  | 72543   | 1.21%  | 0.061% |
| 244        | 14.907 | 14.862 | 14.966 | VV | 6366  | 311579  | 5.18%  | 0.262% |
| 245        | 15.005 | 14.966 | 15.021 | VV | 5196  | 159137  | 2.65%  | 0.134% |
| 246        | 15.048 | 15.021 | 15.071 | VV | 5931  | 152471  | 2.54%  | 0.128% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 247 | 15.090 | 15.071 | 15.106 | VV | 6796       | 123111  | 2.05%  | 0.104% |
| 248 | 15.131 | 15.106 | 15.152 | VV | 15570      | 267434  | 4.45%  | 0.225% |
| 249 | 15.167 | 15.152 | 15.192 | VV | 9305       | 178970  | 2.98%  | 0.150% |
| 250 | 15.208 | 15.192 | 15.227 | VV | 7554       | 133080  | 2.21%  | 0.112% |
| 251 | 15.268 | 15.227 | 15.276 | VV | 9586       | 209249  | 3.48%  | 0.176% |
| 252 | 15.297 | 15.276 | 15.329 | VV | 10837      | 263940  | 4.39%  | 0.222% |
| 253 | 15.379 | 15.329 | 15.394 | VV | 6568       | 239320  | 3.98%  | 0.201% |
| 254 | 15.413 | 15.394 | 15.439 | VV | 6409       | 169195  | 2.82%  | 0.142% |
| 255 | 15.460 | 15.439 | 15.505 | VV | 8168       | 271867  | 4.52%  | 0.229% |
| 256 | 15.525 | 15.505 | 15.537 | VV | 7361       | 130800  | 2.18%  | 0.110% |
| 257 | 15.568 | 15.537 | 15.617 | VV | 7953       | 347279  | 5.78%  | 0.292% |
| 258 | 15.641 | 15.617 | 15.684 | VV | 7201       | 269890  | 4.49%  | 0.227% |
| 259 | 15.734 | 15.684 | 15.757 | VV | 10273      | 354281  | 5.89%  | 0.298% |
| 260 | 15.768 | 15.757 | 15.807 | VV | 8523       | 234365  | 3.90%  | 0.197% |
| 261 | 15.837 | 15.807 | 15.861 | VV | 9556       | 273343  | 4.55%  | 0.230% |
| 262 | 15.883 | 15.861 | 15.908 | VV | 8859       | 240033  | 3.99%  | 0.202% |
| 263 | 15.933 | 15.908 | 15.964 | VV | 11140      | 298303  | 4.96%  | 0.251% |
| 264 | 16.007 | 15.964 | 16.026 | VV | 39129      | 721200  | 12.00% | 0.606% |
| 265 | 16.034 | 16.026 | 16.061 | VV | 21092      | 317110  | 5.28%  | 0.267% |
| 266 | 16.067 | 16.061 | 16.081 | VV | 9911       | 118371  | 1.97%  | 0.100% |
| 267 | 16.136 | 16.081 | 16.159 | VV | 17521      | 539749  | 8.98%  | 0.454% |
| 268 | 16.188 | 16.159 | 16.221 | VV | 12785      | 404982  | 6.74%  | 0.341% |
| 269 | 16.256 | 16.221 | 16.276 | VV | 11182      | 348995  | 5.81%  | 0.293% |
| 270 | 16.323 | 16.276 | 16.351 | VV | 31715      | 754744  | 12.56% | 0.635% |
| 271 | 16.380 | 16.351 | 16.411 | VV | 38924      | 711924  | 11.85% | 0.599% |
| 272 | 16.440 | 16.411 | 16.452 | VV | 12387      | 297565  | 4.95%  | 0.250% |
| 273 | 16.483 | 16.452 | 16.510 | VV | 17872      | 489336  | 8.14%  | 0.411% |
| 274 | 16.534 | 16.510 | 16.566 | VV | 14636      | 439135  | 7.31%  | 0.369% |
| 275 | 16.575 | 16.566 | 16.585 | VV | 12800      | 148662  | 2.47%  | 0.125% |
| 276 | 16.633 | 16.585 | 16.660 | VV | 14435      | 604819  | 10.06% | 0.509% |
| 277 | 16.671 | 16.660 | 16.679 | VV | 12935      | 146040  | 2.43%  | 0.123% |
| 278 | 16.694 | 16.679 | 16.711 | VV | 14069      | 255574  | 4.25%  | 0.215% |
| 279 | 16.751 | 16.711 | 16.782 | VV | 18254      | 667130  | 11.10% | 0.561% |
| 280 | 16.796 | 16.782 | 16.816 | VV | 15430      | 296822  | 4.94%  | 0.250% |
| 281 | 16.821 | 16.816 | 16.829 | VV | 15049      | 122404  | 2.04%  | 0.103% |
| 282 | 16.848 | 16.829 | 16.859 | VV | 15600      | 266567  | 4.44%  | 0.224% |
| 283 | 16.881 | 16.859 | 16.894 | VV | 18593      | 349386  | 5.81%  | 0.294% |
| 284 | 16.907 | 16.894 | 16.931 | VV | 18030      | 358652  | 5.97%  | 0.302% |
| 285 | 16.981 | 16.931 | 17.012 | VV | 18127      | 799957  | 13.31% | 0.673% |
| 286 | 17.030 | 17.012 | 17.067 | VV | 18432      | 564222  | 9.39%  | 0.474% |
| 287 | 17.081 | 17.067 | 17.104 | VV | 17816      | 381381  | 6.35%  | 0.321% |
| 288 | 17.126 | 17.104 | 17.189 | VV | 17852      | 861135  | 14.33% | 0.724% |
| 289 | 17.221 | 17.189 | 17.245 | VV | 17199      | 553883  | 9.22%  | 0.466% |
| 290 | 17.264 | 17.245 | 17.279 | VV | 17020      | 336290  | 5.60%  | 0.283% |
| 291 | 17.284 | 17.279 | 17.294 | VV | 16653      | 147671  | 2.46%  | 0.124% |
| 292 | 17.350 | 17.294 | 17.362 | VV | 18281      | 721565  | 12.01% | 0.607% |
| 293 | 17.382 | 17.362 | 17.391 | VV | 18821      | 317619  | 5.28%  | 0.267% |
| 294 | 17.419 | 17.391 | 17.449 | VV | 21816      | 669603  | 11.14% | 0.563% |
| 295 | 17.529 | 17.449 | 17.571 | VV | 21364      | 1450578 | 24.14% | 1.220% |
| 296 | 17.594 | 17.571 | 17.624 | VV | 20125      | 620702  | 10.33% | 0.522% |
| 297 | 17.657 | 17.624 | 17.677 | VV | 23057      | 683128  | 11.37% | 0.574% |
| 298 | 17.704 | 17.677 | 17.719 | VV | 22714      | 548428  | 9.12%  | 0.461% |
| 299 | 17.741 | 17.719 | 17.768 | VV | 35169      | 804082  | 13.38% | 0.676% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 300 | 17.788 | 17.768 | 17.812 | VV | 23584      | 586404  | 9.76%  | 0.493% |
| 301 | 17.837 | 17.812 | 17.857 | VV | 27434      | 658383  | 10.95% | 0.554% |
| 302 | 17.880 | 17.857 | 17.892 | VV | 25832      | 499150  | 8.31%  | 0.420% |
| 303 | 17.908 | 17.892 | 17.942 | VV | 25085      | 705178  | 11.73% | 0.593% |
| 304 | 17.991 | 17.942 | 18.029 | VV | 37696      | 1358046 | 22.60% | 1.142% |
| 305 | 18.038 | 18.029 | 18.061 | VV | 23361      | 437217  | 7.27%  | 0.368% |
| 306 | 18.085 | 18.061 | 18.102 | VV | 23944      | 585535  | 9.74%  | 0.492% |
| 307 | 18.123 | 18.102 | 18.149 | VV | 28494      | 718433  | 11.95% | 0.604% |
| 308 | 18.195 | 18.149 | 18.224 | VV | 24797      | 1065340 | 17.73% | 0.896% |
| 309 | 18.245 | 18.224 | 18.264 | VV | 29878      | 657153  | 10.93% | 0.553% |
| 310 | 18.279 | 18.264 | 18.332 | VV | 27013      | 1069667 | 17.80% | 0.899% |
| 311 | 18.354 | 18.332 | 18.392 | VV | 26982      | 936575  | 15.58% | 0.788% |
| 312 | 18.407 | 18.392 | 18.415 | VV | 25743      | 352686  | 5.87%  | 0.297% |
| 313 | 18.429 | 18.415 | 18.451 | VV | 27308      | 564682  | 9.40%  | 0.475% |
| 314 | 18.484 | 18.451 | 18.501 | VV | 27167      | 792828  | 13.19% | 0.667% |
| 315 | 18.506 | 18.501 | 18.546 | VV | 27215      | 714554  | 11.89% | 0.601% |
| 316 | 18.569 | 18.546 | 18.581 | VV | 26838      | 544489  | 9.06%  | 0.458% |
| 317 | 18.603 | 18.581 | 18.617 | VV | 27818      | 598215  | 9.95%  | 0.503% |
| 318 | 18.640 | 18.617 | 18.662 | VV | 31883      | 805720  | 13.41% | 0.677% |
| 319 | 18.670 | 18.662 | 18.681 | VV | 29307      | 319319  | 5.31%  | 0.268% |
| 320 | 18.693 | 18.681 | 18.752 | VV | 29215      | 1216798 | 20.25% | 1.023% |
| 321 | 18.759 | 18.752 | 18.765 | VV | 27767      | 216020  | 3.59%  | 0.182% |
| 322 | 18.820 | 18.765 | 18.851 | VV | 33053      | 1532737 | 25.50% | 1.289% |
| 323 | 18.857 | 18.851 | 18.882 | VV | 29168      | 545838  | 9.08%  | 0.459% |
| 324 | 18.898 | 18.882 | 18.918 | VV | 29241      | 623135  | 10.37% | 0.524% |
| 325 | 18.941 | 18.918 | 18.952 | VV | 29489      | 591286  | 9.84%  | 0.497% |
| 326 | 19.024 | 18.952 | 19.079 | VV | 37096      | 2447962 | 40.73% | 2.058% |
| 327 | 19.086 | 19.079 | 19.107 | VV | 32606      | 540810  | 9.00%  | 0.455% |
| 328 | 19.150 | 19.107 | 19.174 | VV | 36408      | 1322263 | 22.00% | 1.112% |
| 329 | 19.219 | 19.174 | 19.244 | VV | 34748      | 1370937 | 22.81% | 1.153% |
| 330 | 19.333 | 19.244 | 19.371 | VV | 41485      | 2643336 | 43.98% | 2.223% |
| 331 | 19.397 | 19.371 | 19.417 | VV | 37924      | 997187  | 16.59% | 0.838% |
| 332 | 19.431 | 19.417 | 19.458 | VV | 35746      | 850484  | 14.15% | 0.715% |
| 333 | 19.522 | 19.458 | 19.546 | VV | 40846      | 1910510 | 31.79% | 1.606% |
| 334 | 19.626 | 19.546 | 19.636 | VV | 41264      | 2052855 | 34.16% | 1.726% |
| 335 | 19.651 | 19.636 | 19.732 | VV | 41833      | 2220050 | 36.94% | 1.867% |
| 336 | 19.763 | 19.732 | 19.782 | VV | 39283      | 1135752 | 18.90% | 0.955% |
| 337 | 19.822 | 19.782 | 19.847 | VV | 44814      | 1586610 | 26.40% | 1.334% |
| 338 | 19.913 | 19.847 | 19.929 | VV | 41240      | 1964096 | 32.68% | 1.651% |
| 339 | 19.953 | 19.929 | 19.981 | VV | 41638      | 1279952 | 21.30% | 1.076% |
| 340 | 20.001 | 19.981 | 20.051 | VV | 41213      | 1660544 | 27.63% | 1.396% |
| 341 | 20.127 | 20.051 | 20.158 | VV | 44528      | 2678124 | 44.56% | 2.252% |
| 342 | 20.174 | 20.158 | 20.184 | VV | 43985      | 676654  | 11.26% | 0.569% |
| 343 | 20.193 | 20.184 | 20.204 | VV | 43903      | 528144  | 8.79%  | 0.444% |
| 344 | 20.237 | 20.204 | 20.257 | VV | 44587      | 1397910 | 23.26% | 1.175% |
| 345 | 20.285 | 20.257 | 20.328 | VV | 55040      | 1995505 | 33.20% | 1.678% |
| 346 | 20.334 | 20.328 | 20.343 | VV | 42209      | 382290  | 6.36%  | 0.321% |
| 347 | 20.391 | 20.343 | 20.402 | VV | 43764      | 1509646 | 25.12% | 1.269% |
| 348 | 20.472 | 20.402 | 20.528 | VV | 45976      | 3331701 | 55.43% | 2.801% |
| 349 | 20.553 | 20.528 | 20.569 | VV | 43563      | 1044805 | 17.38% | 0.879% |
| 350 | 20.577 | 20.569 | 20.602 | VV | 43067      | 846899  | 14.09% | 0.712% |
| 351 | 20.612 | 20.602 | 20.622 | VV | 41949      | 499073  | 8.30%  | 0.420% |

| rteres.txt              |        |        |        |     |       |           |         |        |  |
|-------------------------|--------|--------|--------|-----|-------|-----------|---------|--------|--|
| 352                     | 20.628 | 20.622 | 20.641 | VV  | 41975 | 456462    | 7.59%   | 0.384% |  |
| 353                     | 20.658 | 20.641 | 20.699 | VV  | 42240 | 1451867   | 24.16%  | 1.221% |  |
| 354                     | 20.760 | 20.699 | 20.937 | VV  | 53197 | 6010202   | 100.00% | 5.054% |  |
| 355                     | 20.988 | 20.937 | 21.001 | VV  | 37790 | 1409640   | 23.45%  | 1.185% |  |
| 356                     | 21.008 | 21.001 | 21.018 | VV  | 37758 | 394069    | 6.56%   | 0.331% |  |
| 357                     | 21.045 | 21.018 | 21.054 | VV  | 38698 | 813801    | 13.54%  | 0.684% |  |
| 358                     | 21.077 | 21.054 | 21.111 | VV  | 39572 | 1299120   | 21.62%  | 1.092% |  |
| 359                     | 21.134 | 21.111 | 21.166 | VV  | 37973 | 1220932   | 20.31%  | 1.027% |  |
| 360                     | 21.177 | 21.166 | 21.211 | VV  | 35990 | 920517    | 15.32%  | 0.774% |  |
| 361                     | 21.219 | 21.211 | 21.249 | VV  | 32463 | 736196    | 12.25%  | 0.619% |  |
| 362                     | 21.312 | 21.249 | 21.359 | VV  | 43292 | 2418431   | 40.24%  | 2.033% |  |
| 363                     | 21.382 | 21.359 | 21.401 | VBA | 35022 | 878490    | 14.62%  | 0.739% |  |
| Sum of corrected areas: |        |        |        |     |       | 118929541 |         |        |  |

Aromatic EPH 120718.M Mon Dec 10 09:02:45 2018