

rteres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_D\Data\FD042118AR\  
Data File : FD023184.D  
Signal(s) : FID2B.CH  
Acq On : 21 Apr 2018 5:35  
Sample : J2457-03MSD  
Misc :  
ALS Vial : 82 Sample Multiplier: 1

Integration File: sample.E

Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 041618.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         | 4.072       | 4.002        | 4.090      | BV       | 6063           | 68179        | 1.47%          | 0.275%        |
| 2         | 4.108       | 4.090        | 4.271      | VV       | 40715          | 627935       | 13.54%         | 2.528%        |
| 3         | 4.278       | 4.271        | 4.446      | VV       | 851            | 39523        | 0.85%          | 0.159%        |
| 4         | 4.452       | 4.446        | 4.476      | VV       | 171            | 1983         | 0.04%          | 0.008%        |
| 5         | 4.501       | 4.476        | 4.524      | VV       | 289            | 3538         | 0.08%          | 0.014%        |
| 6         | 4.537       | 4.524        | 4.571      | PV       | 191            | 4030         | 0.09%          | 0.016%        |
| 7         | 4.578       | 4.571        | 4.615      | VV       | 171            | 3224         | 0.07%          | 0.013%        |
| 8         | 4.625       | 4.615        | 4.639      | VV       | 157            | 1361         | 0.03%          | 0.005%        |
| 9         | 4.646       | 4.639        | 4.670      | VV       | 178            | 2119         | 0.05%          | 0.009%        |
| 10        | 4.688       | 4.670        | 4.723      | PV       | 279            | 3805         | 0.08%          | 0.015%        |
| 11        | 4.744       | 4.723        | 4.787      | VV       | 242            | 4354         | 0.09%          | 0.018%        |
| 12        | 4.847       | 4.787        | 4.865      | VV       | 694            | 21598        | 0.47%          | 0.087%        |
| 13        | 4.879       | 4.865        | 4.910      | VV       | 768            | 15277        | 0.33%          | 0.062%        |
| 14        | 4.921       | 4.910        | 4.954      | VV       | 678            | 11094        | 0.24%          | 0.045%        |
| 15        | 4.992       | 4.954        | 5.024      | VV       | 305            | 10157        | 0.22%          | 0.041%        |
| 16        | 5.045       | 5.024        | 5.068      | VV       | 315            | 5868         | 0.13%          | 0.024%        |
| 17        | 5.110       | 5.068        | 5.124      | VV       | 2328           | 45269        | 0.98%          | 0.182%        |
| 18        | 5.139       | 5.124        | 5.293      | VV       | 2563           | 140821       | 3.04%          | 0.567%        |
| 19        | 5.325       | 5.293        | 5.386      | VV       | 924            | 41154        | 0.89%          | 0.166%        |
| 20        | 5.393       | 5.386        | 5.421      | VV       | 650            | 12255        | 0.26%          | 0.049%        |
| 21        | 5.443       | 5.421        | 5.530      | VV       | 834            | 27569        | 0.59%          | 0.111%        |
| 22        | 5.547       | 5.530        | 5.583      | VV       | 244            | 5603         | 0.12%          | 0.023%        |
| 23        | 5.594       | 5.583        | 5.603      | VV       | 153            | 1470         | 0.03%          | 0.006%        |
| 24        | 5.648       | 5.603        | 5.777      | VV       | 24391          | 660365       | 14.24%         | 2.659%        |
| 25        | 5.792       | 5.777        | 5.891      | VV       | 2518           | 89749        | 1.93%          | 0.361%        |
| 26        | 5.912       | 5.891        | 5.982      | VV       | 900            | 38023        | 0.82%          | 0.153%        |
| 27        | 5.989       | 5.982        | 6.007      | VV       | 520            | 7011         | 0.15%          | 0.028%        |
| 28        | 6.011       | 6.007        | 6.043      | VV       | 550            | 9821         | 0.21%          | 0.040%        |
| 29        | 6.070       | 6.043        | 6.171      | VV       | 8431           | 133178       | 2.87%          | 0.536%        |
| 30        | 6.174       | 6.171        | 6.190      | VV       | 355            | 3696         | 0.08%          | 0.015%        |
| 31        | 6.215       | 6.190        | 6.300      | VV       | 400            | 17053        | 0.37%          | 0.069%        |
| 32        | 6.316       | 6.300        | 6.346      | VV       | 286            | 5283         | 0.11%          | 0.021%        |
| 33        | 6.365       | 6.346        | 6.382      | VV       | 307            | 4453         | 0.10%          | 0.018%        |
| 34        | 6.386       | 6.382        | 6.407      | VV       | 271            | 2237         | 0.05%          | 0.009%        |
| 35        | 6.419       | 6.407        | 6.461      | VV       | 215            | 4216         | 0.09%          | 0.017%        |
| 36        | 6.502       | 6.461        | 6.549      | VV       | 335            | 10755        | 0.23%          | 0.043%        |

|    |        |        |        |    | rteres |         |         |         |
|----|--------|--------|--------|----|--------|---------|---------|---------|
| 37 | 6.570  | 6.549  | 6.613  | VV | 193    | 5072    | 0.11%   | 0.020%  |
| 38 | 6.645  | 6.613  | 6.679  | VV | 503    | 10579   | 0.23%   | 0.043%  |
| 39 | 6.699  | 6.679  | 6.961  | VV | 22060  | 710349  | 15.31%  | 2.860%  |
| 40 | 6.989  | 6.961  | 7.026  | VV | 1062   | 30816   | 0.66%   | 0.124%  |
| 41 | 7.043  | 7.026  | 7.099  | VV | 730    | 17675   | 0.38%   | 0.071%  |
| 42 | 7.118  | 7.099  | 7.172  | VV | 622    | 13139   | 0.28%   | 0.053%  |
| 43 | 7.198  | 7.172  | 7.237  | VV | 634    | 14394   | 0.31%   | 0.058%  |
| 44 | 7.242  | 7.237  | 7.261  | VV | 203    | 1980    | 0.04%   | 0.008%  |
| 45 | 7.286  | 7.261  | 7.584  | PV | 362932 | 4638354 | 100.00% | 18.676% |
| 46 | 7.600  | 7.584  | 7.651  | VV | 1019   | 30531   | 0.66%   | 0.123%  |
| 47 | 7.665  | 7.651  | 7.731  | VV | 732    | 22709   | 0.49%   | 0.091%  |
| 48 | 7.757  | 7.731  | 7.779  | VV | 566    | 12233   | 0.26%   | 0.049%  |
| 49 | 7.847  | 7.779  | 7.916  | VV | 9726   | 156028  | 3.36%   | 0.628%  |
| 50 | 7.957  | 7.916  | 8.126  | VV | 31515  | 656281  | 14.15%  | 2.642%  |
| 51 | 8.147  | 8.126  | 8.222  | VV | 173511 | 2693839 | 58.08%  | 10.846% |
| 52 | 8.242  | 8.222  | 8.329  | VV | 46234  | 906402  | 19.54%  | 3.649%  |
| 53 | 8.341  | 8.329  | 8.454  | VV | 3989   | 167190  | 3.60%   | 0.673%  |
| 54 | 8.466  | 8.454  | 8.531  | VV | 1420   | 46764   | 1.01%   | 0.188%  |
| 55 | 8.544  | 8.531  | 8.554  | VV | 845    | 11080   | 0.24%   | 0.045%  |
| 56 | 8.574  | 8.554  | 8.649  | VV | 2355   | 50741   | 1.09%   | 0.204%  |
| 57 | 8.670  | 8.649  | 8.722  | VV | 1404   | 32795   | 0.71%   | 0.132%  |
| 58 | 8.737  | 8.722  | 8.807  | VV | 549    | 20134   | 0.43%   | 0.081%  |
| 59 | 8.848  | 8.807  | 8.925  | VV | 1213   | 37106   | 0.80%   | 0.149%  |
| 60 | 8.943  | 8.925  | 8.964  | VV | 449    | 8313    | 0.18%   | 0.033%  |
| 61 | 8.975  | 8.964  | 8.995  | VV | 402    | 6115    | 0.13%   | 0.025%  |
| 62 | 9.039  | 8.995  | 9.255  | VV | 22295  | 667545  | 14.39%  | 2.688%  |
| 63 | 9.260  | 9.255  | 9.277  | VV | 855    | 10671   | 0.23%   | 0.043%  |
| 64 | 9.301  | 9.277  | 9.407  | VV | 1073   | 60995   | 1.32%   | 0.246%  |
| 65 | 9.434  | 9.407  | 9.559  | VV | 8988   | 151859  | 3.27%   | 0.611%  |
| 66 | 9.570  | 9.559  | 9.589  | VV | 508    | 8065    | 0.17%   | 0.032%  |
| 67 | 9.596  | 9.589  | 9.610  | VV | 446    | 5607    | 0.12%   | 0.023%  |
| 68 | 9.672  | 9.610  | 9.753  | VV | 644    | 38235   | 0.82%   | 0.154%  |
| 69 | 9.808  | 9.753  | 9.834  | VV | 1039   | 30801   | 0.66%   | 0.124%  |
| 70 | 9.847  | 9.834  | 9.882  | VV | 991    | 20065   | 0.43%   | 0.081%  |
| 71 | 9.898  | 9.882  | 9.944  | VV | 653    | 18295   | 0.39%   | 0.074%  |
| 72 | 9.951  | 9.944  | 9.976  | VV | 451    | 7353    | 0.16%   | 0.030%  |
| 73 | 10.014 | 9.976  | 10.032 | VV | 695    | 19370   | 0.42%   | 0.078%  |
| 74 | 10.058 | 10.032 | 10.115 | VV | 1050   | 41427   | 0.89%   | 0.167%  |
| 75 | 10.170 | 10.115 | 10.207 | VV | 1756   | 54125   | 1.17%   | 0.218%  |
| 76 | 10.225 | 10.207 | 10.257 | VV | 1103   | 24314   | 0.52%   | 0.098%  |
| 77 | 10.318 | 10.257 | 10.403 | VV | 1293   | 64498   | 1.39%   | 0.260%  |
| 78 | 10.431 | 10.403 | 10.497 | VV | 28186  | 604445  | 13.03%  | 2.434%  |
| 79 | 10.516 | 10.497 | 10.717 | VV | 20766  | 719718  | 15.52%  | 2.898%  |
| 80 | 10.724 | 10.717 | 10.759 | VV | 1279   | 27862   | 0.60%   | 0.112%  |
| 81 | 10.766 | 10.759 | 10.782 | VV | 1018   | 12744   | 0.27%   | 0.051%  |
| 82 | 10.809 | 10.782 | 10.839 | VV | 1409   | 37469   | 0.81%   | 0.151%  |
| 83 | 10.865 | 10.839 | 10.930 | VV | 9046   | 142710  | 3.08%   | 0.575%  |
| 84 | 10.953 | 10.930 | 11.004 | VV | 715    | 25615   | 0.55%   | 0.103%  |
| 85 | 11.027 | 11.004 | 11.044 | VV | 608    | 11738   | 0.25%   | 0.047%  |
| 86 | 11.069 | 11.044 | 11.137 | VV | 703    | 29458   | 0.64%   | 0.119%  |
| 87 | 11.169 | 11.137 | 11.252 | VV | 26420  | 360942  | 7.78%   | 1.453%  |
| 88 | 11.275 | 11.252 | 11.309 | VV | 829    | 21821   | 0.47%   | 0.088%  |
| 89 | 11.311 | 11.309 | 11.336 | VV | 604    | 8113    | 0.17%   | 0.033%  |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 11.380 | 11.336 | 11.442 | VV | 747    | 32627  | 0.70%  | 0.131% |
| 91  | 11.538 | 11.442 | 11.577 | VV | 605    | 35791  | 0.77%  | 0.144% |
| 92  | 11.605 | 11.577 | 11.622 | VV | 704    | 13815  | 0.30%  | 0.056% |
| 93  | 11.632 | 11.622 | 11.659 | VV | 503    | 9776   | 0.21%  | 0.039% |
| 94  | 11.666 | 11.659 | 11.694 | VV | 463    | 8221   | 0.18%  | 0.033% |
| 95  | 11.730 | 11.694 | 11.768 | VV | 385    | 13364  | 0.29%  | 0.054% |
| 96  | 11.779 | 11.768 | 11.811 | VV | 398    | 7861   | 0.17%  | 0.032% |
| 97  | 11.828 | 11.811 | 11.892 | VV | 373    | 9992   | 0.22%  | 0.040% |
| 98  | 11.910 | 11.892 | 11.944 | VV | 227    | 4200   | 0.09%  | 0.017% |
| 99  | 11.963 | 11.944 | 11.979 | VV | 202    | 2921   | 0.06%  | 0.012% |
| 100 | 11.989 | 11.979 | 12.057 | VV | 176    | 3615   | 0.08%  | 0.015% |
| 101 | 12.077 | 12.057 | 12.117 | PV | 393    | 7215   | 0.16%  | 0.029% |
| 102 | 12.165 | 12.117 | 12.215 | VV | 8694   | 109321 | 2.36%  | 0.440% |
| 103 | 12.241 | 12.215 | 12.441 | VV | 26101  | 656040 | 14.14% | 2.641% |
| 104 | 12.466 | 12.441 | 12.504 | VV | 702    | 17433  | 0.38%  | 0.070% |
| 105 | 12.531 | 12.504 | 12.584 | VV | 32221  | 622518 | 13.42% | 2.506% |
| 106 | 12.606 | 12.584 | 12.746 | VV | 15965  | 330554 | 7.13%  | 1.331% |
| 107 | 12.772 | 12.746 | 12.882 | VV | 8311   | 132117 | 2.85%  | 0.532% |
| 108 | 12.900 | 12.882 | 12.922 | VV | 401    | 8110   | 0.17%  | 0.033% |
| 109 | 12.930 | 12.922 | 12.944 | VV | 378    | 4383   | 0.09%  | 0.018% |
| 110 | 12.952 | 12.944 | 12.995 | VV | 356    | 9970   | 0.21%  | 0.040% |
| 111 | 13.053 | 12.995 | 13.090 | VV | 462    | 22805  | 0.49%  | 0.092% |
| 112 | 13.222 | 13.090 | 13.251 | VV | 905    | 56686  | 1.22%  | 0.228% |
| 113 | 13.289 | 13.251 | 13.309 | VV | 723    | 22166  | 0.48%  | 0.089% |
| 114 | 13.354 | 13.309 | 13.454 | VV | 8458   | 155778 | 3.36%  | 0.627% |
| 115 | 13.500 | 13.454 | 13.545 | VV | 745    | 32891  | 0.71%  | 0.132% |
| 116 | 13.580 | 13.545 | 13.589 | VV | 582    | 13885  | 0.30%  | 0.056% |
| 117 | 13.613 | 13.589 | 13.622 | VV | 545    | 10420  | 0.22%  | 0.042% |
| 118 | 13.636 | 13.622 | 13.690 | VV | 557    | 16001  | 0.34%  | 0.064% |
| 119 | 13.719 | 13.690 | 13.759 | VV | 453    | 15615  | 0.34%  | 0.063% |
| 120 | 13.801 | 13.759 | 13.849 | VV | 617    | 24574  | 0.53%  | 0.099% |
| 121 | 13.852 | 13.849 | 13.894 | VV | 428    | 9427   | 0.20%  | 0.038% |
| 122 | 13.912 | 13.894 | 14.005 | VV | 559    | 16617  | 0.36%  | 0.067% |
| 123 | 14.015 | 14.005 | 14.050 | VV | 276    | 3619   | 0.08%  | 0.015% |
| 124 | 14.067 | 14.050 | 14.094 | VV | 379    | 6811   | 0.15%  | 0.027% |
| 125 | 14.117 | 14.094 | 14.155 | VV | 1929   | 24912  | 0.54%  | 0.100% |
| 126 | 14.183 | 14.155 | 14.213 | PV | 192    | 3838   | 0.08%  | 0.015% |
| 127 | 14.263 | 14.213 | 14.272 | PV | 238    | 5101   | 0.11%  | 0.021% |
| 128 | 14.303 | 14.272 | 14.332 | VV | 322    | 8800   | 0.19%  | 0.035% |
| 129 | 14.357 | 14.332 | 14.370 | VV | 357    | 6573   | 0.14%  | 0.026% |
| 130 | 14.413 | 14.370 | 14.435 | VV | 38523  | 527743 | 11.38% | 2.125% |
| 131 | 14.453 | 14.435 | 14.571 | VV | 34500  | 945481 | 20.38% | 3.807% |
| 132 | 14.584 | 14.571 | 14.736 | VV | 2350   | 120567 | 2.60%  | 0.485% |
| 133 | 14.762 | 14.736 | 14.839 | VV | 914    | 32022  | 0.69%  | 0.129% |
| 134 | 14.865 | 14.839 | 14.908 | VV | 537    | 14323  | 0.31%  | 0.058% |
| 135 | 14.919 | 14.908 | 14.942 | VV | 298    | 4909   | 0.11%  | 0.020% |
| 136 | 14.981 | 14.942 | 15.014 | VV | 747    | 16907  | 0.36%  | 0.068% |
| 137 | 15.020 | 15.014 | 15.085 | VV | 262    | 7099   | 0.15%  | 0.029% |
| 138 | 15.118 | 15.085 | 15.145 | VV | 326    | 6734   | 0.15%  | 0.027% |
| 139 | 15.196 | 15.145 | 15.211 | VV | 243    | 7349   | 0.16%  | 0.030% |
| 140 | 15.266 | 15.211 | 15.297 | VV | 339    | 13227  | 0.29%  | 0.053% |
| 141 | 15.306 | 15.297 | 15.318 | VV | 385    | 3603   | 0.08%  | 0.015% |

|                         |        |        |        |    | rteres |          |        |        |
|-------------------------|--------|--------|--------|----|--------|----------|--------|--------|
| 142                     | 15.359 | 15.318 | 15.389 | VV | 366    | 13203    | 0.28%  | 0.053% |
| 143                     | 15.396 | 15.389 | 15.409 | VV | 364    | 3430     | 0.07%  | 0.014% |
| 144                     | 15.413 | 15.409 | 15.432 | VV | 302    | 3883     | 0.08%  | 0.016% |
| 145                     | 15.464 | 15.432 | 15.507 | VV | 7940   | 107154   | 2.31%  | 0.431% |
| 146                     | 15.530 | 15.507 | 15.550 | VV | 314    | 6244     | 0.13%  | 0.025% |
| 147                     | 15.608 | 15.550 | 15.649 | VV | 422    | 13424    | 0.29%  | 0.054% |
| 148                     | 15.660 | 15.649 | 15.669 | VV | 168    | 1837     | 0.04%  | 0.007% |
| 149                     | 15.676 | 15.669 | 15.697 | VV | 161    | 2207     | 0.05%  | 0.009% |
| 150                     | 15.714 | 15.697 | 15.754 | VV | 173    | 3451     | 0.07%  | 0.014% |
| 151                     | 15.769 | 15.754 | 15.792 | VV | 168    | 1771     | 0.04%  | 0.007% |
| 152                     | 15.814 | 15.792 | 15.832 | PV | 205    | 1951     | 0.04%  | 0.008% |
| 153                     | 15.838 | 15.832 | 15.868 | PV | 335    | 1989     | 0.04%  | 0.008% |
| 154                     | 15.904 | 15.868 | 15.915 | VV | 160    | 2920     | 0.06%  | 0.012% |
| 155                     | 15.969 | 15.915 | 15.988 | VV | 39485  | 550919   | 11.88% | 2.218% |
| 156                     | 16.004 | 15.988 | 16.212 | VV | 28244  | 924039   | 19.92% | 3.720% |
| 157                     | 16.219 | 16.212 | 16.274 | VV | 699    | 18899    | 0.41%  | 0.076% |
| 158                     | 16.305 | 16.274 | 16.320 | VV | 652    | 15164    | 0.33%  | 0.061% |
| 159                     | 16.332 | 16.320 | 16.347 | VV | 510    | 7302     | 0.16%  | 0.029% |
| 160                     | 16.369 | 16.347 | 16.392 | VV | 22667  | 387004   | 8.34%  | 1.558% |
| 161                     | 16.405 | 16.392 | 16.595 | VV | 16170  | 449075   | 9.68%  | 1.808% |
| 162                     | 16.606 | 16.595 | 16.644 | VV | 281    | 4580     | 0.10%  | 0.018% |
| 163                     | 16.699 | 16.644 | 16.740 | PV | 365    | 8449     | 0.18%  | 0.034% |
| 164                     | 16.791 | 16.740 | 16.816 | VV | 160    | 5412     | 0.12%  | 0.022% |
| 165                     | 16.855 | 16.816 | 16.889 | VV | 1753   | 27271    | 0.59%  | 0.110% |
| 166                     | 16.905 | 16.889 | 16.920 | VV | 240    | 2662     | 0.06%  | 0.011% |
| 167                     | 16.956 | 16.920 | 16.987 | VV | 480    | 13481    | 0.29%  | 0.054% |
| 168                     | 17.013 | 16.987 | 17.054 | VV | 339    | 9741     | 0.21%  | 0.039% |
| 169                     | 17.097 | 17.054 | 17.122 | VV | 418    | 10268    | 0.22%  | 0.041% |
| 170                     | 17.179 | 17.122 | 17.219 | VV | 252    | 10386    | 0.22%  | 0.042% |
| 171                     | 17.288 | 17.219 | 17.328 | VV | 8551   | 125279   | 2.70%  | 0.504% |
| 172                     | 17.381 | 17.328 | 17.418 | PV | 510    | 12909    | 0.28%  | 0.052% |
| 173                     | 17.441 | 17.418 | 17.457 | VV | 225    | 3020     | 0.07%  | 0.012% |
| 174                     | 17.492 | 17.457 | 17.525 | VV | 200    | 4292     | 0.09%  | 0.017% |
| 175                     | 17.582 | 17.525 | 17.619 | PV | 1062   | 26814    | 0.58%  | 0.108% |
| 176                     | 17.631 | 17.619 | 17.649 | VV | 237    | 3348     | 0.07%  | 0.013% |
| 177                     | 17.708 | 17.649 | 17.718 | VV | 2720   | 38514    | 0.83%  | 0.155% |
| 178                     | 17.741 | 17.718 | 17.752 | VV | 35106  | 433493   | 9.35%  | 1.745% |
| 179                     | 17.763 | 17.752 | 17.958 | VV | 33505  | 926725   | 19.98% | 3.731% |
| 180                     | 17.991 | 17.958 | 18.089 | VV | 24036  | 652445   | 14.07% | 2.627% |
| 181                     | 18.115 | 18.089 | 18.191 | VV | 10157  | 194729   | 4.20%  | 0.784% |
| Sum of corrected areas: |        |        |        |    |        | 24836516 |        |        |

Aromatic EPH 041618.M Tue Apr 24 15:47:49 2018