Provide a clear and organized presentation. Show all of your work, completely simplify answers, and give exact values only.

Consider $\bar{r}(t)=\left\langle\frac{2 t^{4}-t^{3}+4 t^{2}+9 t-11}{2 t^{3}-3 t^{2}+7 t-3}, \cos (\ln t), \frac{t}{t+\sqrt{t-2}}\right\rangle$. Evaluate $\int \bar{r}(t) d t$

