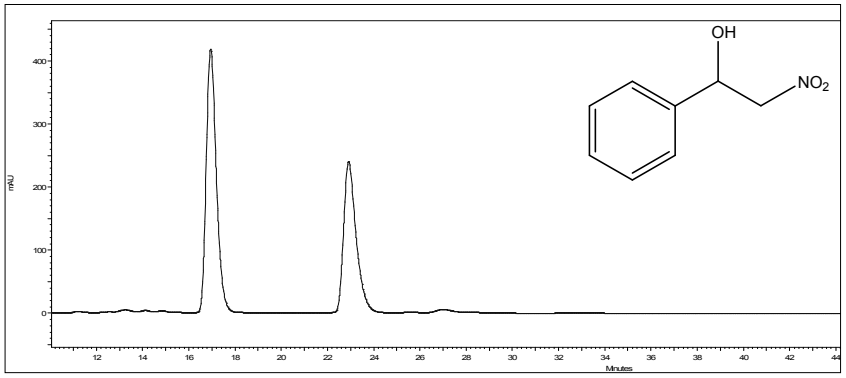
Supporting information

HPLC chromatograms of Henry reaction products

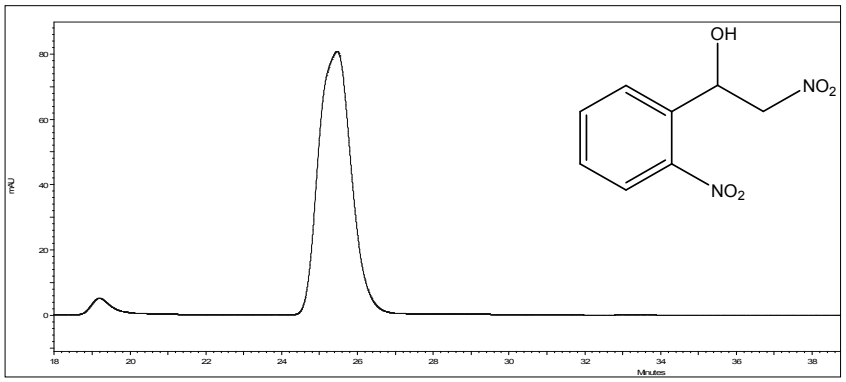
High performance liquid chromatography (HPLC) was performed using an Astec CHIROBIOTIC R chiral column on Agilent 1100 system with a UV Detector and heptane/ethanol, 9:1 as eluent with a flow rate of 1.0 mL/min, at 25°C, and λ=210 nm. Find below HPLC chromatograms for all synthesized substituted benzaldehydes.

2-Nitro-1-phenylethanol



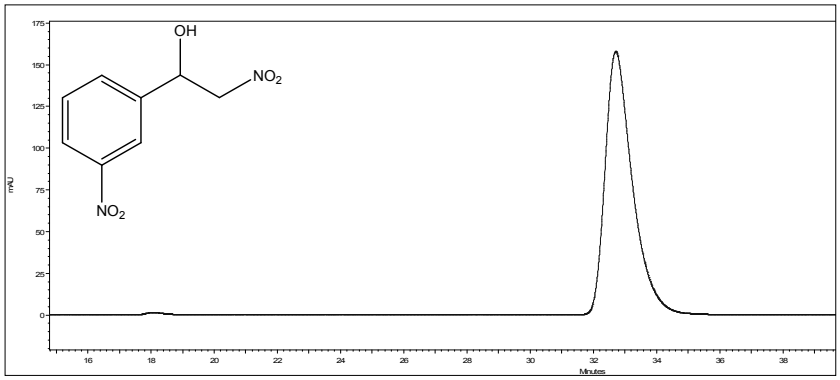
Peak	Ret. Time	Area	Area%
1	16.943	212979857	58.7
2	22.913	149992816	41.4

2-Nitro-1-(2-nitrophenyl)ethanol



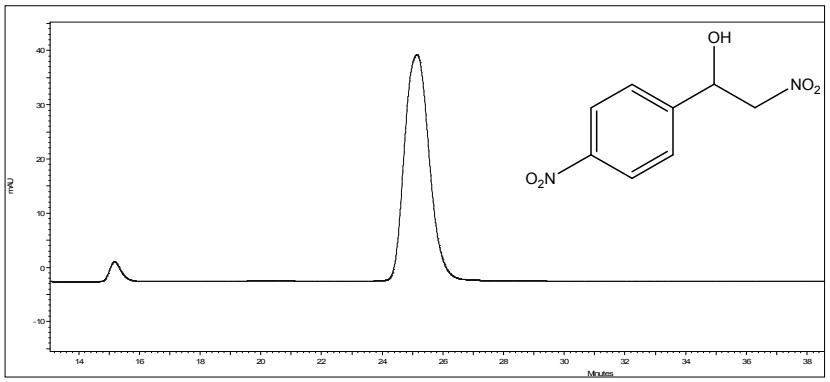
Peak	Ret. Time	Area	Area%
1	19.187	2806283	3.4
2	25.460	80311985	96.6

2-Nitro-1-(3-nitrophenyl)ethanol



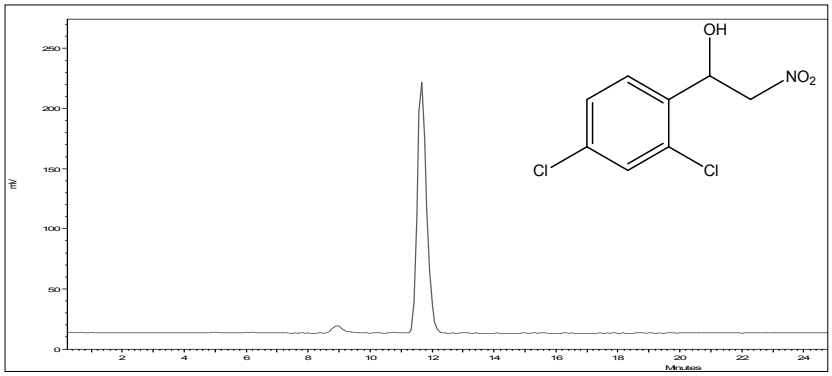
Peak	Ret. Time	Area	Area%
1	18.063	757773	0.5
2	32.710	157434442	99.5

2-Nitro-1-(4-nitrophenyl)ethanol



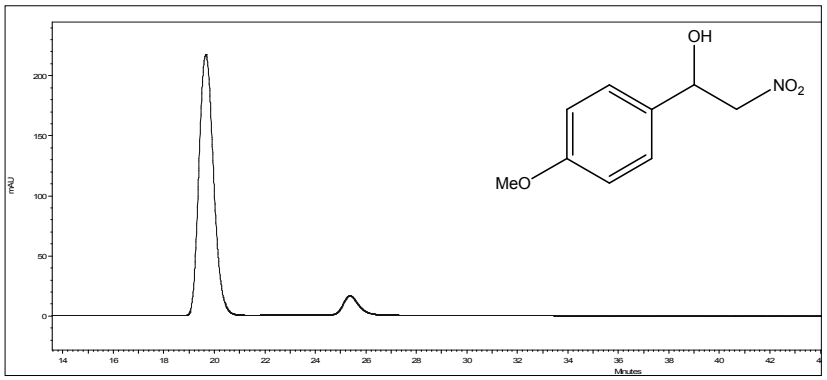
Peak	Ret. Time	Area	Area%
1	15.180	1216509	2.9
2	25.143	39619630	97.1

1-(2,4-Dichlorophenyl)-2-nitroethanol



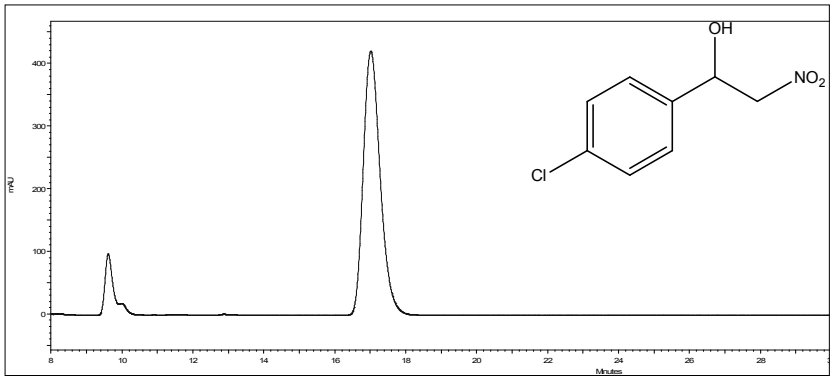
Peak	Ret. Time	Area	Area%
1	9.000	13799990	3.1
2	11.667	435756380	96.9

1-(4-Methoxyphenyl)-2-nitroethanol



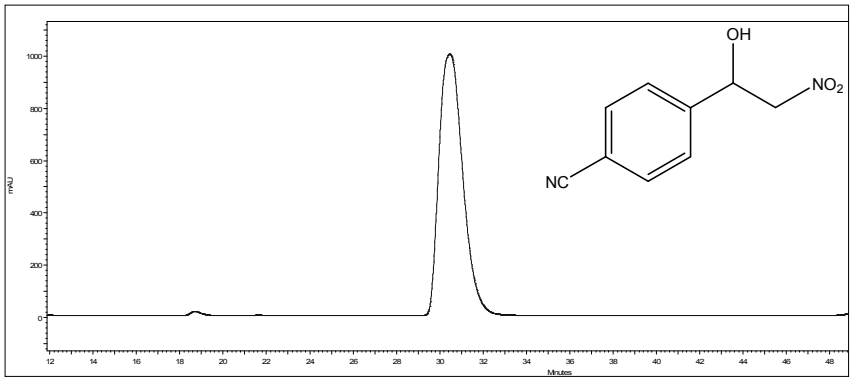
Peak	Ret. Time	Area	Area%
1	19.663	145111524	93.0
2	25.363	10906637	7.0

1-(4-Chlorophenyl)-2-nitroethanol



Peak	Ret. Time	Area	Area%
1	9.631	28875040	11.1
2	17.017	232255465	88.9

2-Nitro-1-(4-cyanophenyl)ethanol



Peak	Ret. Time	Area	Area%
1	18.693	8127209	0.6
2	30.457	1274282014	99.4