

## Supporting Information

### Localized partitioning of enantiomers in solid samples of sulfoxides; importance of sampling method in determination of enantiopurity

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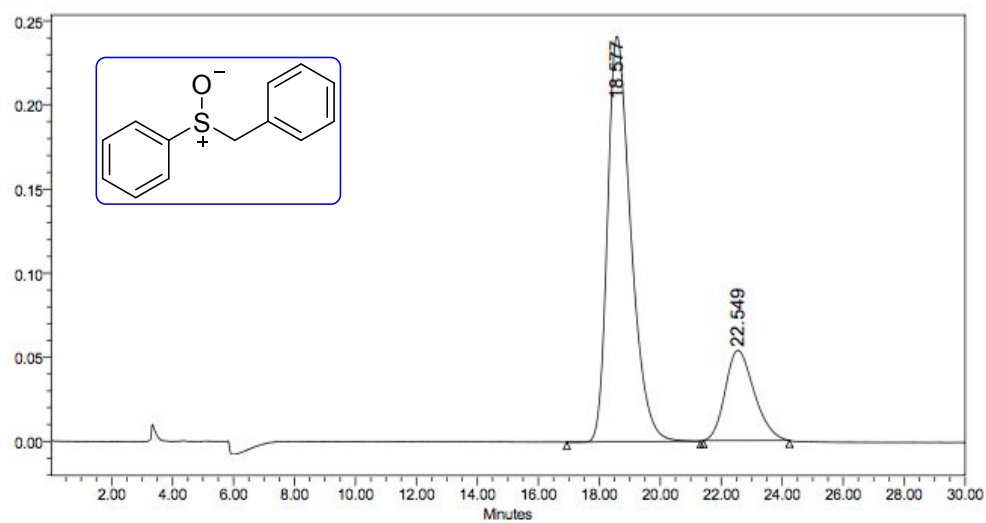
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#### Table of Contents

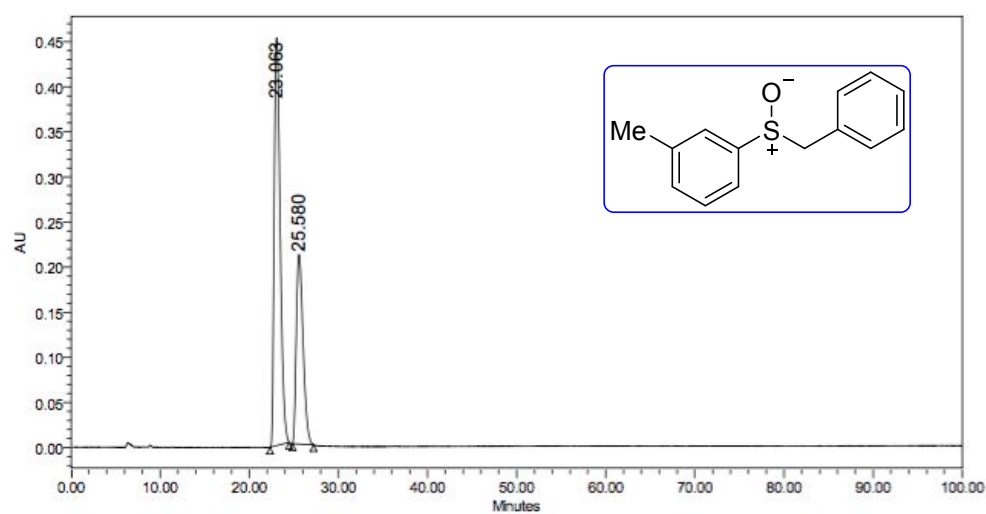
Chiral stationary phase HPLC chromatograms	S2–S5
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(R)-(+)-Benzyl phenyl sulfoxide **2**



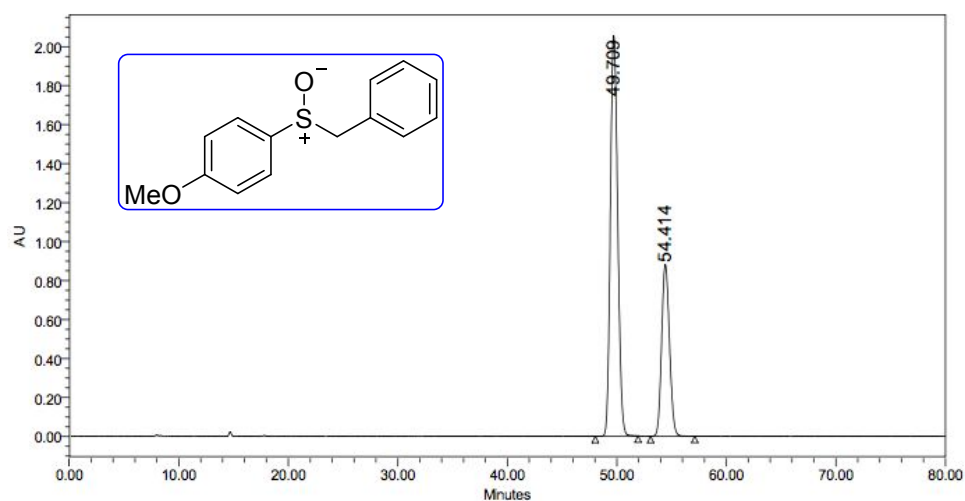
	RT	Area	% Area	Height
1	18.577	12801902	78.34	241356
2	22.549	3538993	21.66	53646

(R)-(+)-Benzyl *m*-tolyl sulfoxide **5**



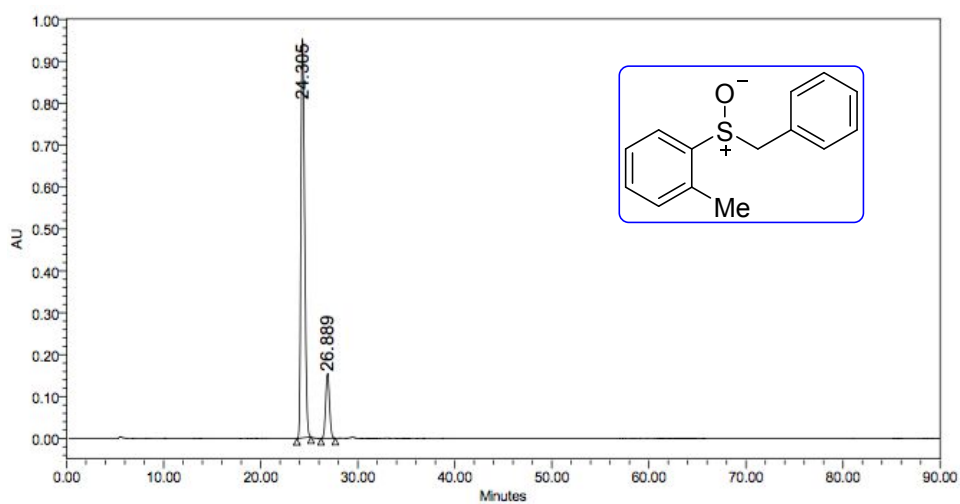
	RT	Area	% Area	Height
1	23.063	20915462	65.27	452870
2	25.580	11128891	34.73	210073

(R)-(+)-Benzyl *p*-methoxy sulfoxide **6**



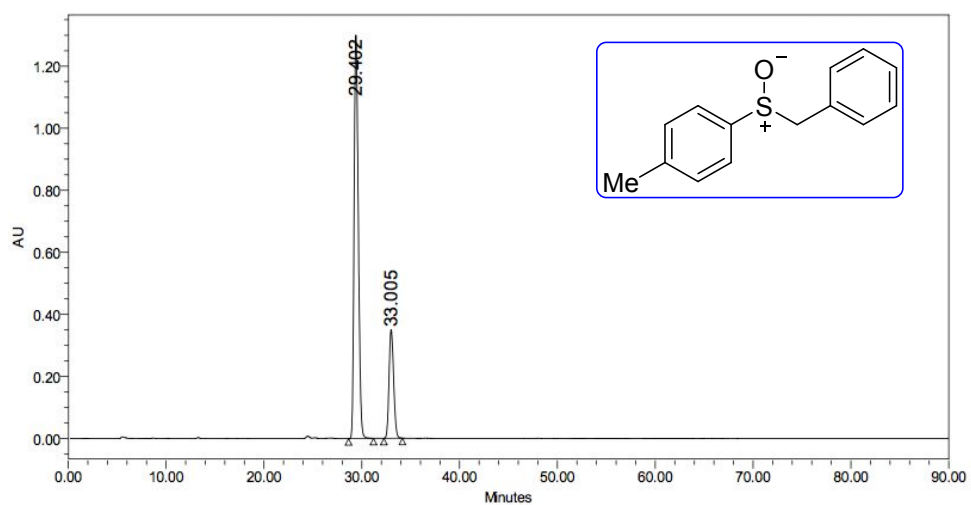
	RT	Area	% Area	Height
1	49.709	95515261	68.57	2056810
2	54.414	43774366	31.43	881888

(R)-(+)-Benzyl *o*-tolyl sulfoxide **7**



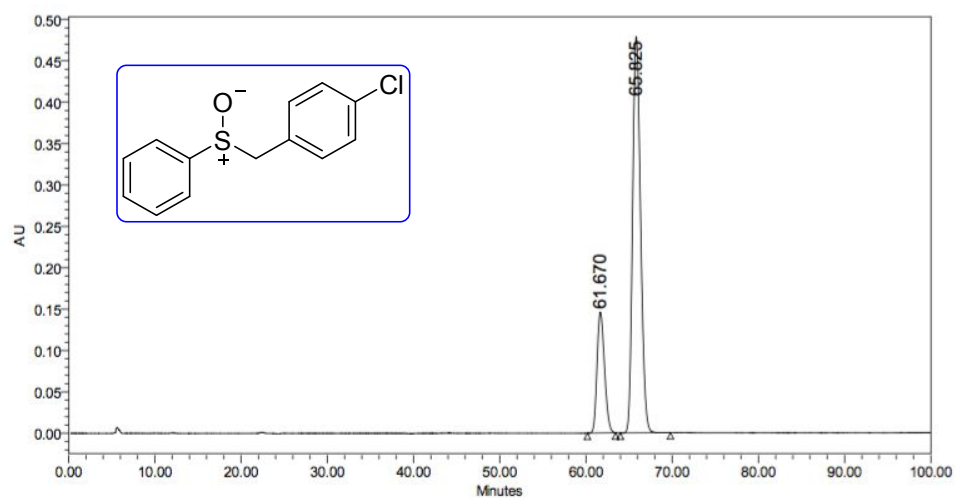
	RT	Area	% Area	Height
1	24.305	25103434	85.62	951905
2	26.889	4217411	14.38	152967

(R)-(+)-Benzyl *p*-tolyl sulfoxide **8**



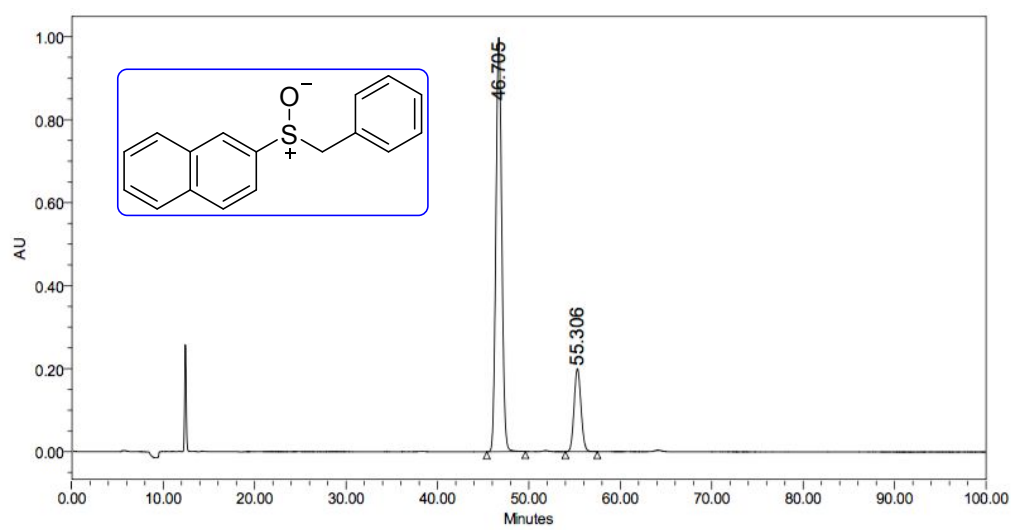
	RT	Area	% Area	Height
1	29.402	38832123	77.33	1298718
2	33.005	11381806	22.67	350564

(R)-(+)-4-Chlorobenzyl phenyl sulfoxide **9**



	RT	Area	% Area	Height
1	61.670	8793540	22.20	145899
2	65.825	30822044	77.80	478670

(R)-(+)-2-Naphthyl benzyl phenyl sulfoxide **11**



	RT	Area	% Area	Height
1	46.705	44411090	80.93	997687
2	55.306	10463565	19.07	200241