

Direct synthesis of sulfonated azacalixarenes in water

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HPLC traces of compounds made

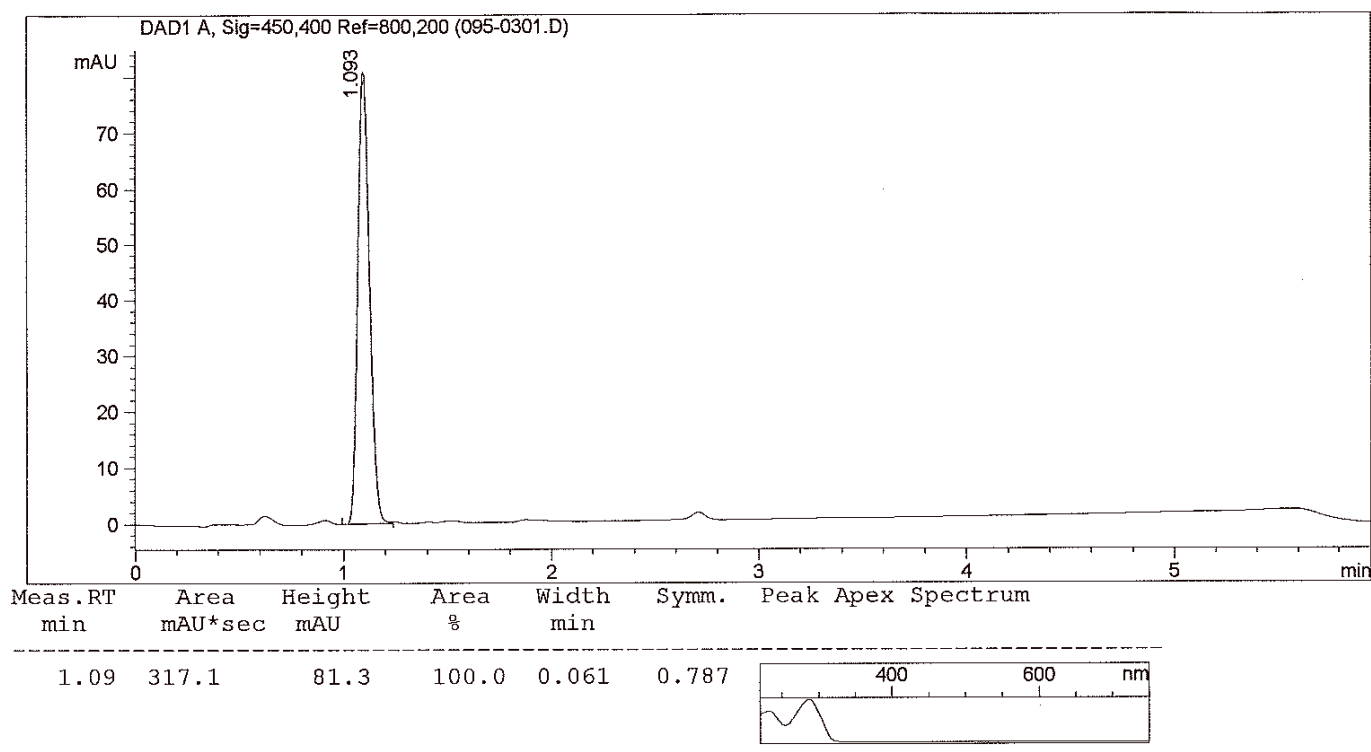
24a

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HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories
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Sample Name: H 012c 10.2mg
Data File name: C:\HPCHEM\1\DATA\095-0301.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 13-May-05
vial: 95

SR/02/012c.

24a

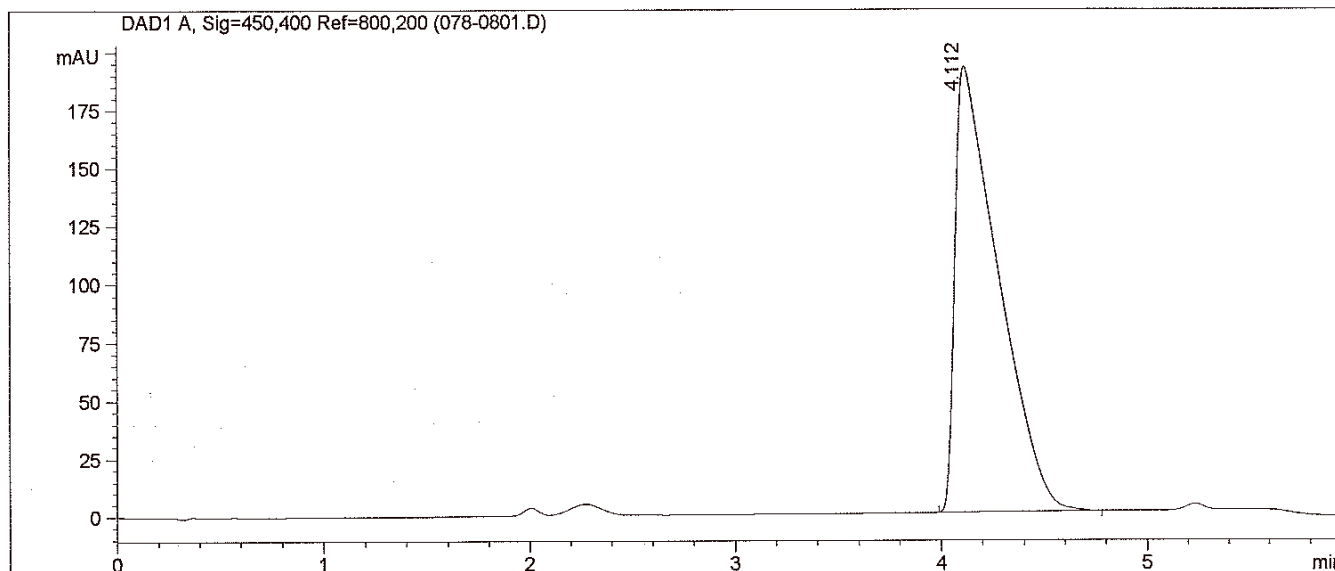


24b

HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories

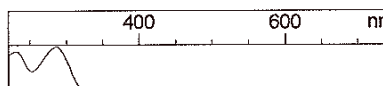
Sample Name: 02/021
Data File name: C:\HPCHEM\1\DATA\078-0801.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 07-Jun-05
vial: 78

24b



Meas. RT	Area	Height	Area	Width	Symm.	Peak Apex Spectrum
min	mAU*sec	mAU	%	min		

4.11	2783.3	192.1	100.0	0.203	0.247	
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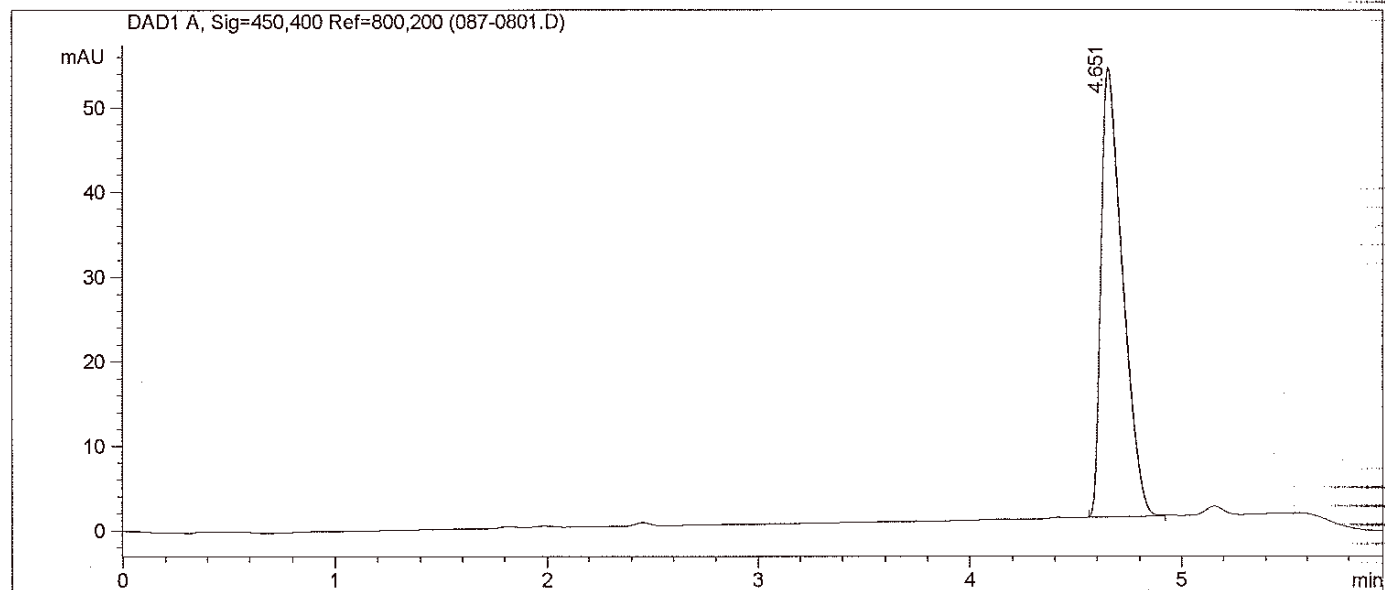
24c

HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories

Sample Name: 01/92 screen (a)
Data File name: C:\HPCHEM\1\DATA\087-0801.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 20-Apr-05
vial: 87

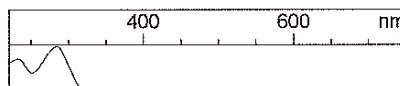
yield = 1.94g.

24c



Meas. RT	Area	Height	Area	Width	Symm.	Peak Apex	Spectrum
min	mAU*sec	mAU	%	min			

4.65	379.3	53.3	100.0	0.105	0.447		
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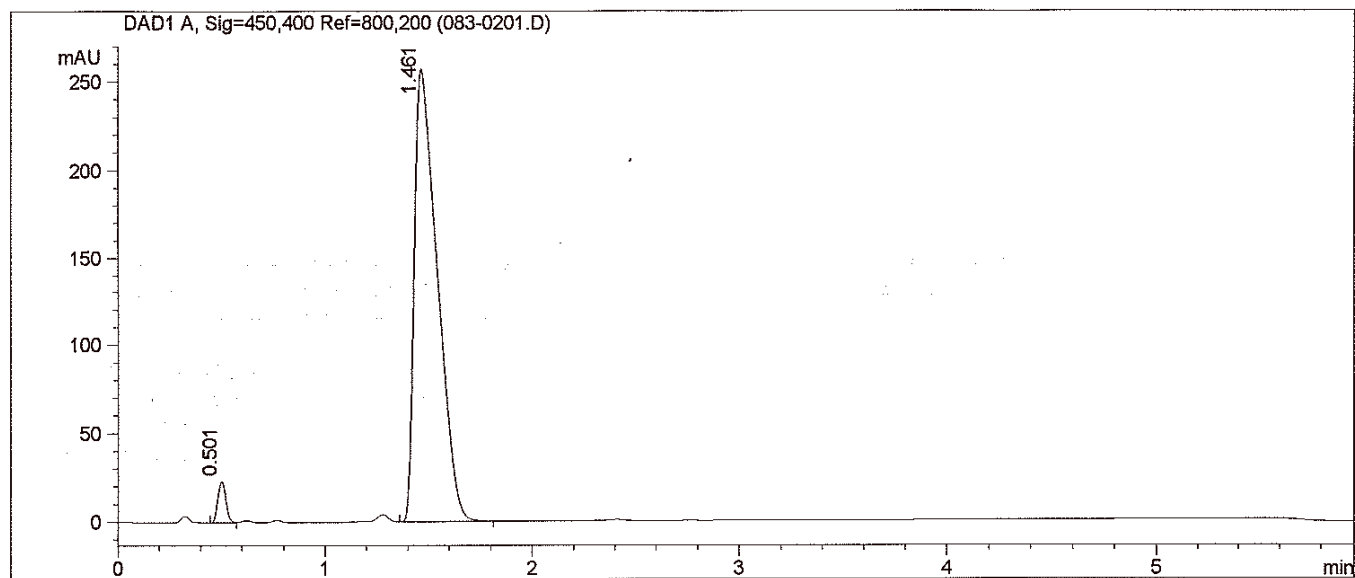


24d

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HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories
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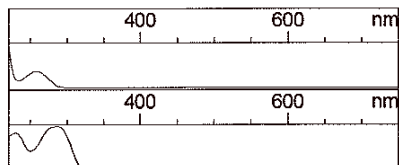
Sample Name: NHMe solid
Data File name: C:\HPCHEM\1\DATA\083-0201.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 02-Jun-05
vial: 83

24d



Meas. RT min	Area mAU*sec	Height mAU	Area %	Width min	Symm.	Peak Apex Spectrum
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0.50	62.7	23.2	3.1	0.044	0.916	
1.46	1978.4	258.1	96.9	0.119	0.385	

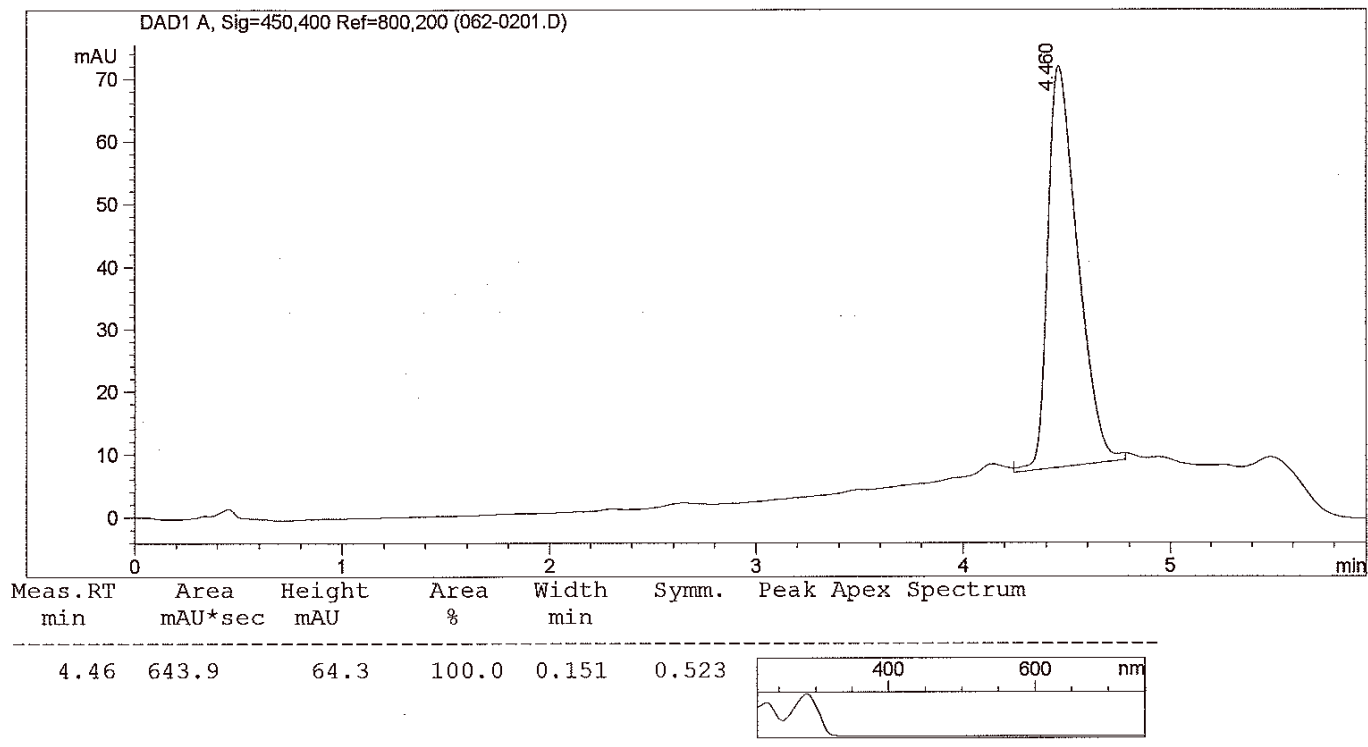


24e

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HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories
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Sample Name: 02/001 ppt *solid (c)* ✓
Data File name: C:\HPCHEM\1\DATA\062-0201.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 28-Apr-05
vial: 62

24e



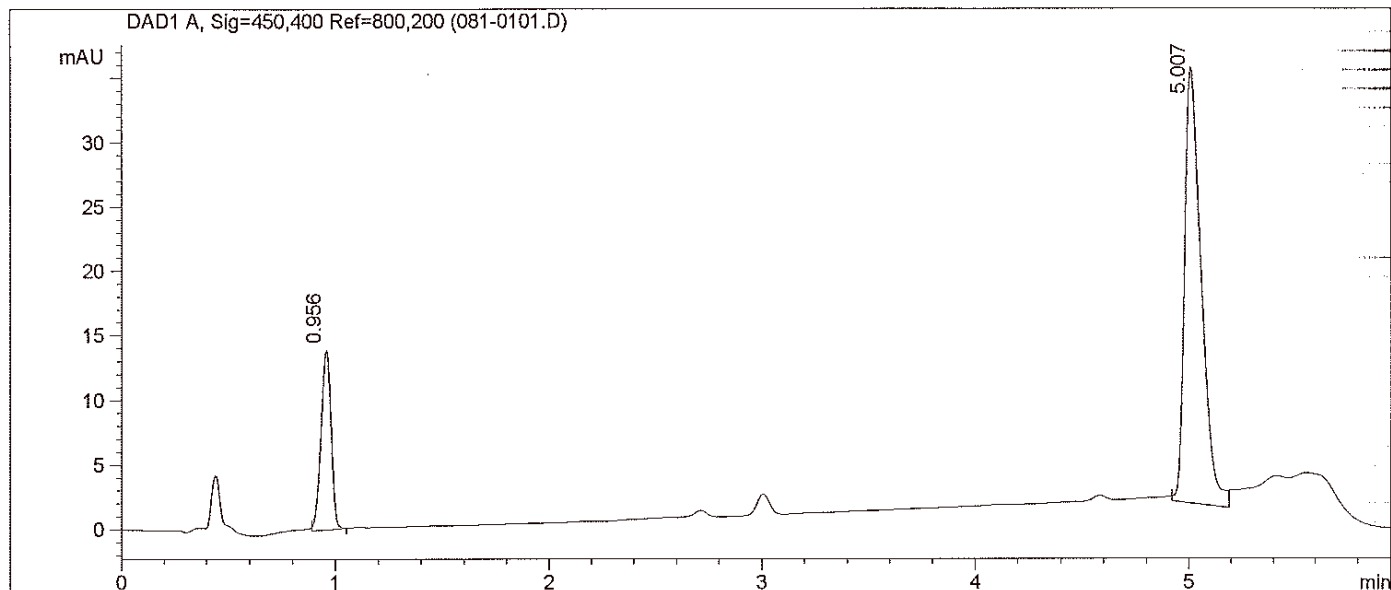
24f

HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories

Sample Name: 02/3(2) solid
Data File name: C:\HPCHEM\1\DATA\081-0101.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 20-Apr-05
vial: 81

yield = 0.566g

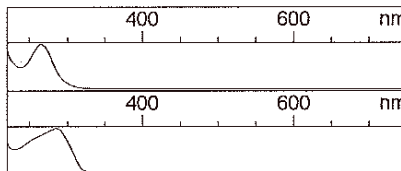
24f



Meas. RT min	Area mAU*sec	Height mAU	Area %	Width min	Symm.	Peak Apex Spectrum
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0.96	46.2	14.0	20.0	0.053	1.066	
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5.01	184.9	33.9	80.0	0.082	0.543	
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25a

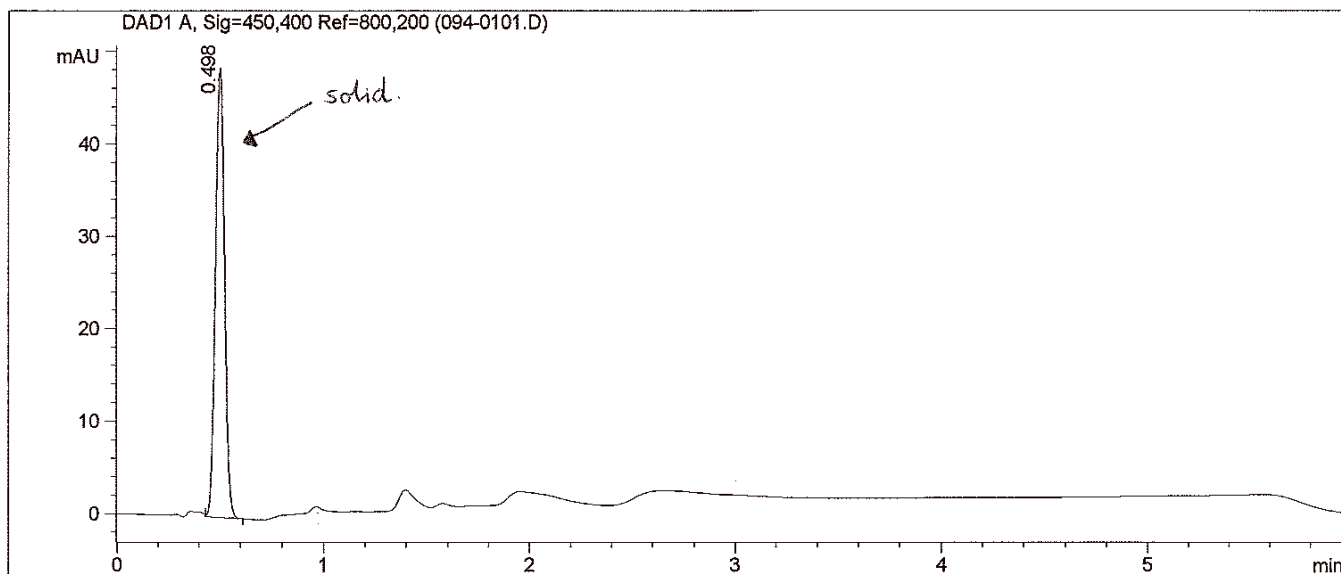
HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories

25a

Sample Name: SR/01/018D solid isolated from RM.
Data File name: C:\HPCHEM\1\DATA\094-0101.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 21-Oct-04
vial: 94

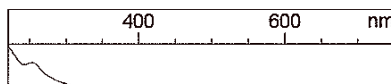
Sampling:

Solid dissolved in H₂O with a
couple of drops of base (2N Na₂CO₃).



Meas. RT	Area	Height	Area	Width	Symm.	Peak Apex Spectrum
min	mAU*sec	mAU	%	min		

solid.	0.50	148.9	48.9	100.0	0.050	0.930
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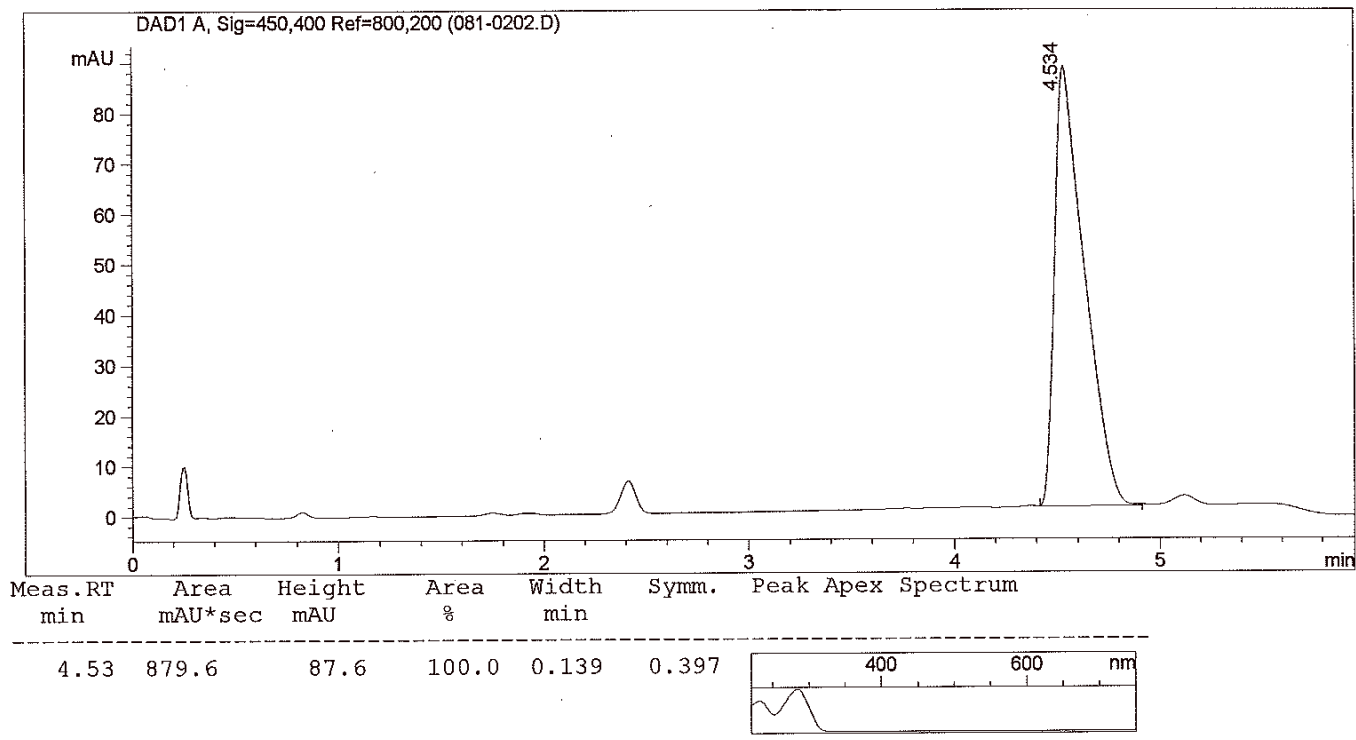
25c

HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories

25c

✓

Sample Name: 049a
Data File name: C:\HPCHEM\1\DATA\081-0202.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 20-Jul-05
vial: 81

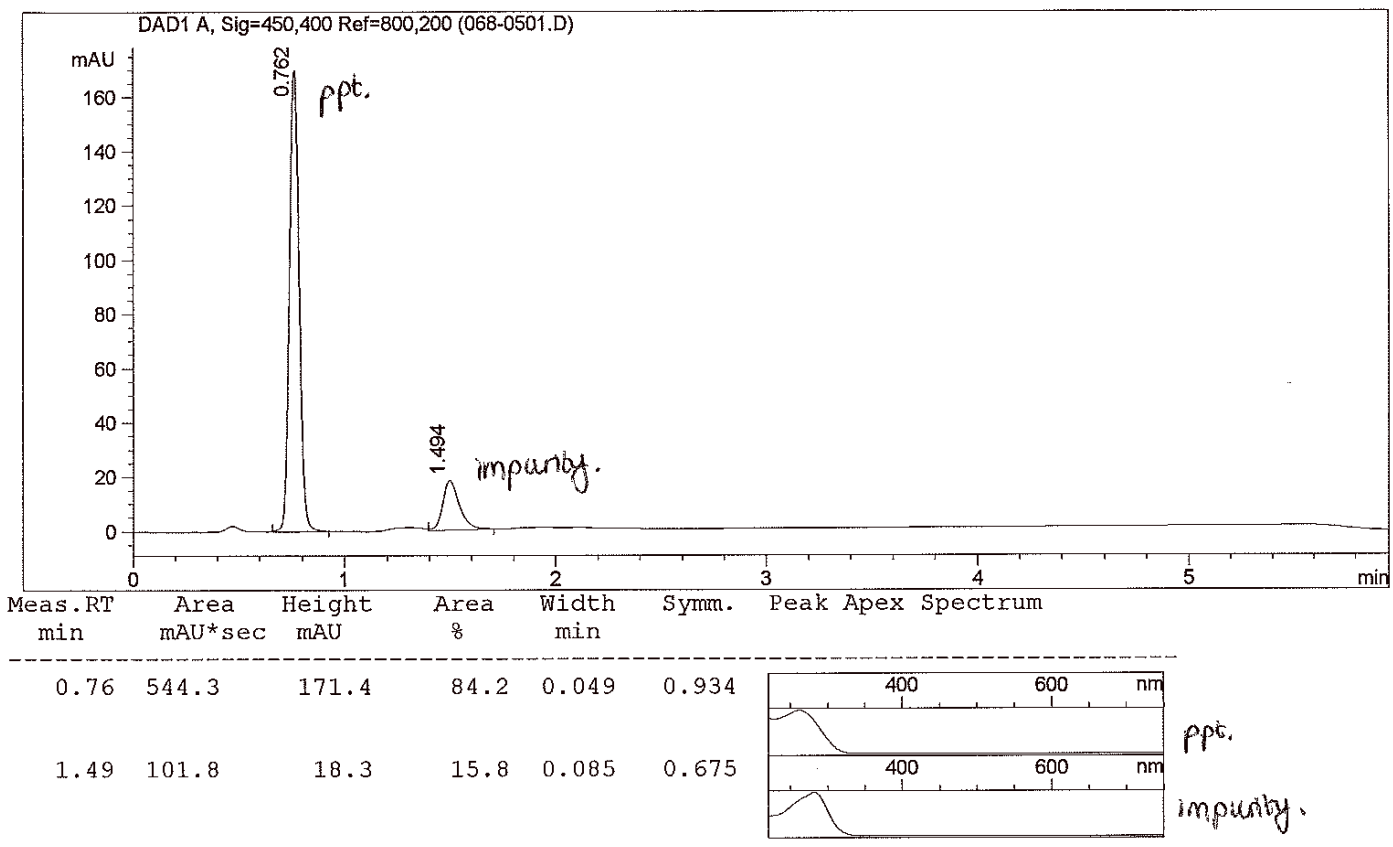


26a

26a

HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories

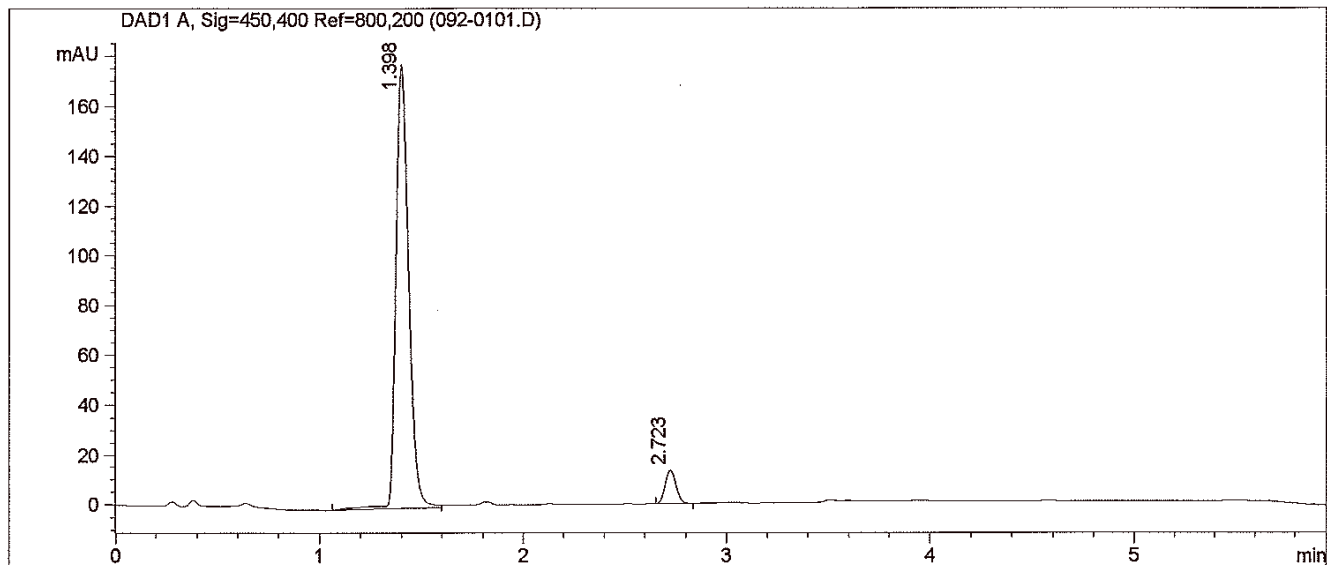
Sample Name: 037 solid prod
Data File name: C:\HPCHEM\1\DATA\068-0501.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 22-Nov-04
vial: 68



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HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories
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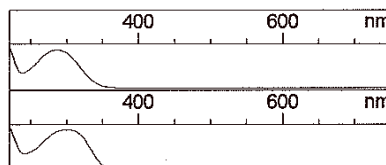
Sample Name: SR/01/008C
Data File name: C:\HPCHEM\1\DATA\092-0101.D
Method name: C:\HPLCME~1\1DINKYKJ.M
data acquired by:
on: 29-Sep-04
vial: 92

28



Meas. RT min	Area mAU*sec	Height mAU	Area %	Width min	Symm.	Peak Apex Spectrum
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1.40	775.0	178.4	94.0	0.067	0.705	
2.72	49.4	13.4	6.0	0.057	0.874	



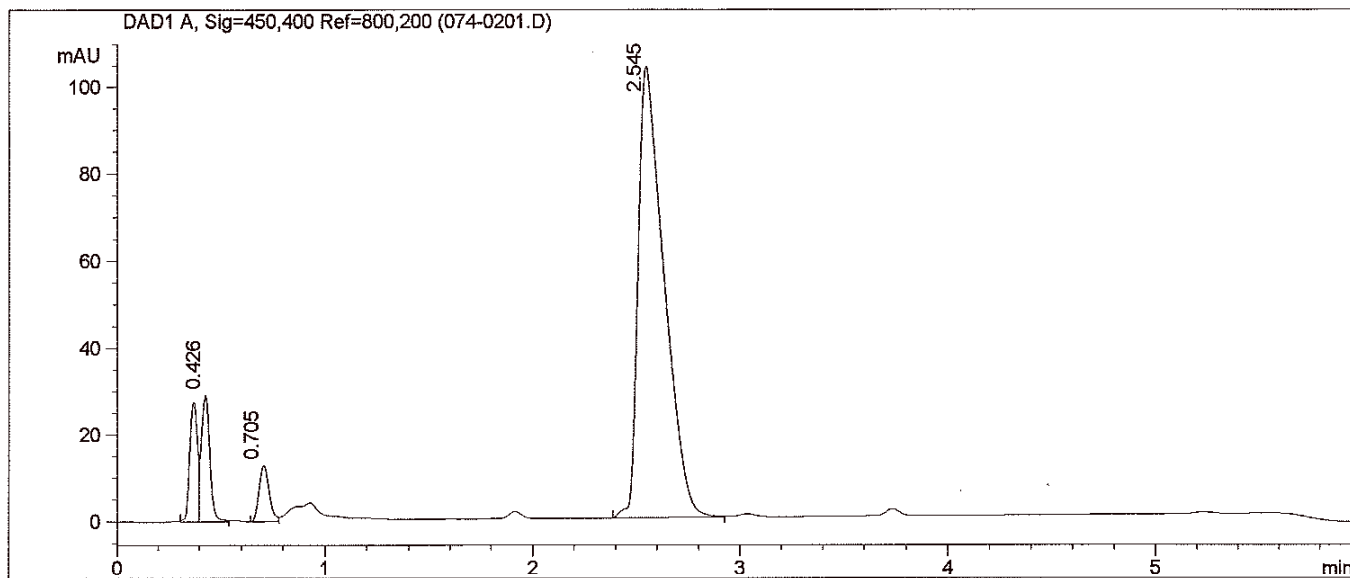
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HP1100 HPLC (Lims 0731) Textile Colours Research Laboratories

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Sample Name: bis
 Data File name: C:\HPCHEM\1\DATA\074-0201.D
 Method name: C:\HPLCME~1\1DINKYKJ.M
 data acquired by:
 on: 05-Sep-05
 vial: 74



Meas. RT min	Area mAU*sec	Height mAU	Area %	Width min	Symm.	Peak Apex Spectrum
0.37	71.1	27.7	6.5	0.040	1.087	
0.43	83.1	29.3	7.6	0.043	0.854	
0.71	43.6	13.0	4.0	0.053	0.808	
2.55	902.9	104.1	82.0	0.125	0.417	