

پژوهش نفت
سال بیستم
شماره ۶۱
صفحه ۲۸-۱۶، ۱۳۸۹

asolaimany@eng.ui.ac.ir

_____ : _____

چکیده

(DR)

(DBSA)

ppm

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[]

[]

$M f_a$

Aldrich

[]

[]

[-]

-
1. Micelles
 2. Dodecylbenzenesulfonic Acid
 3. Dodecylresorcinol



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[]

	$^{\circ}\text{API}$	(mg KOH/gr) ASTM D-2896	(mg KOH/gr) ASTM D-2896
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()	/	/	< /
()	/	/	< /

[]

/	/	/	f_a
/	/	/	M

$n\text{-C}_{12}\text{H}_{25}$  SO_3H	DBSA	
$n\text{-C}_{12}\text{H}_{25}$  OH HO	DR	

[]

V- Jasco

/

(°C)



rpm

nm

/
/ RC

Chromafil

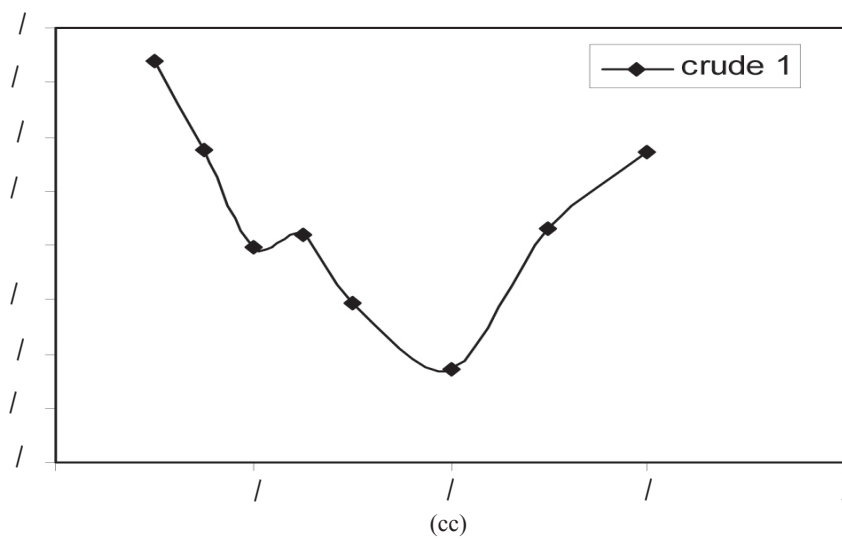
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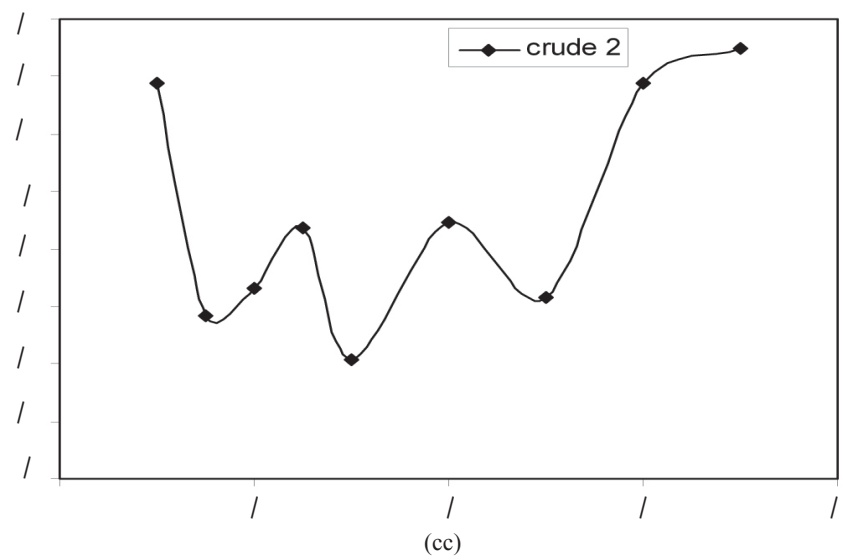
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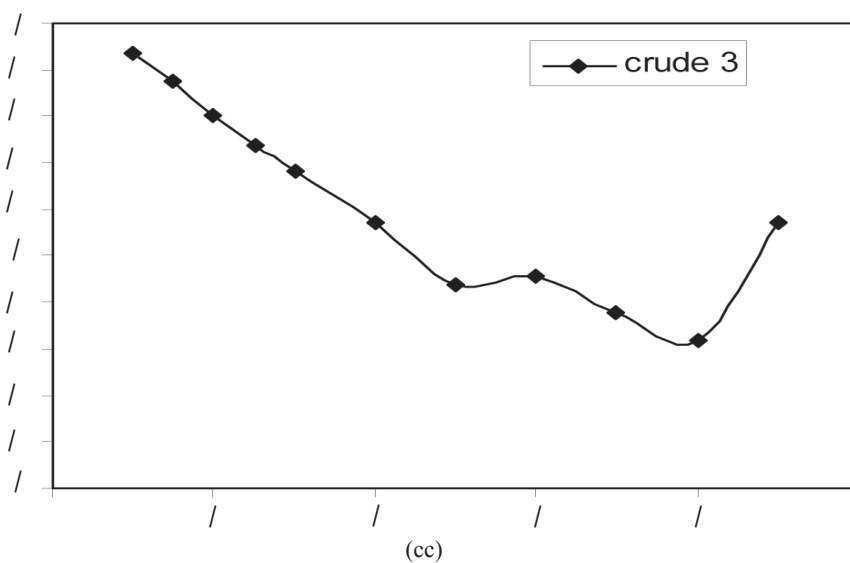
nm

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nm

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nm

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/ ppm
 .()
 ppm
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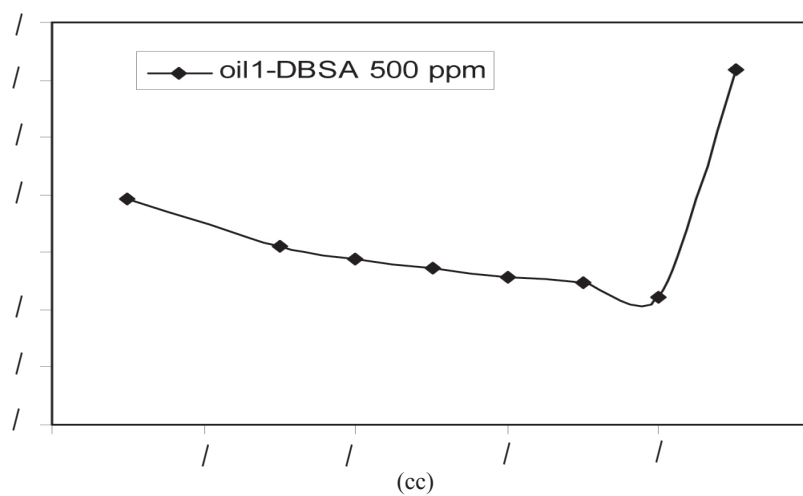
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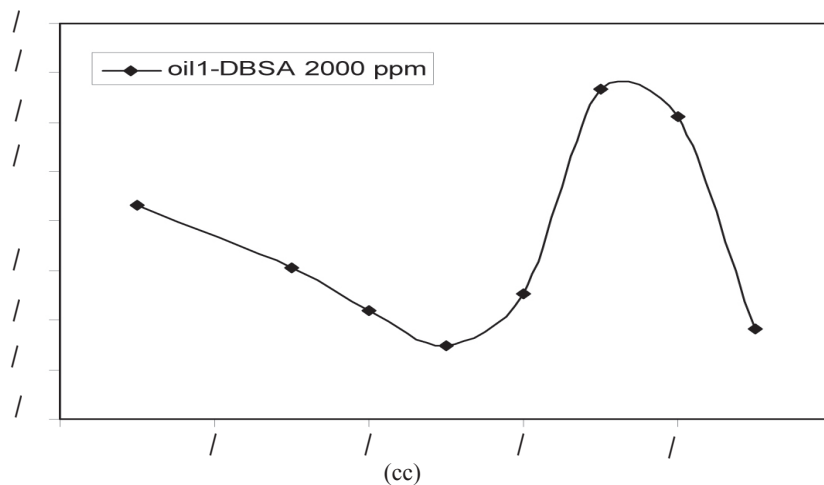
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ppm



ppm



ppm

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ppm

ppm

DBSA

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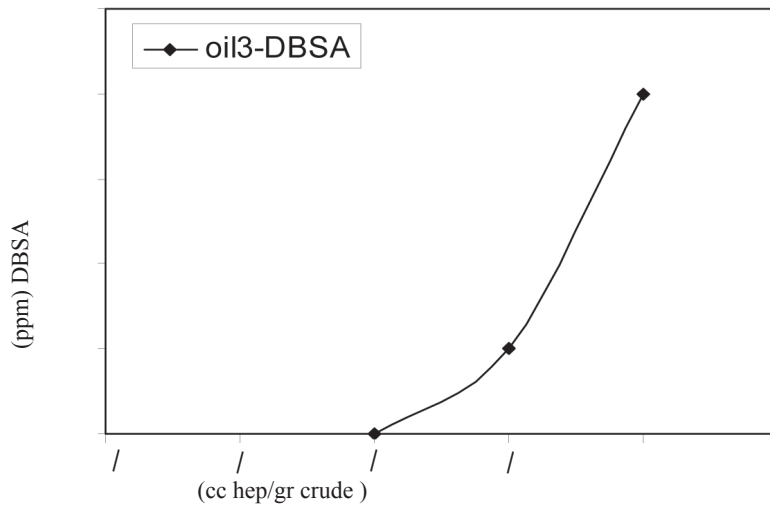
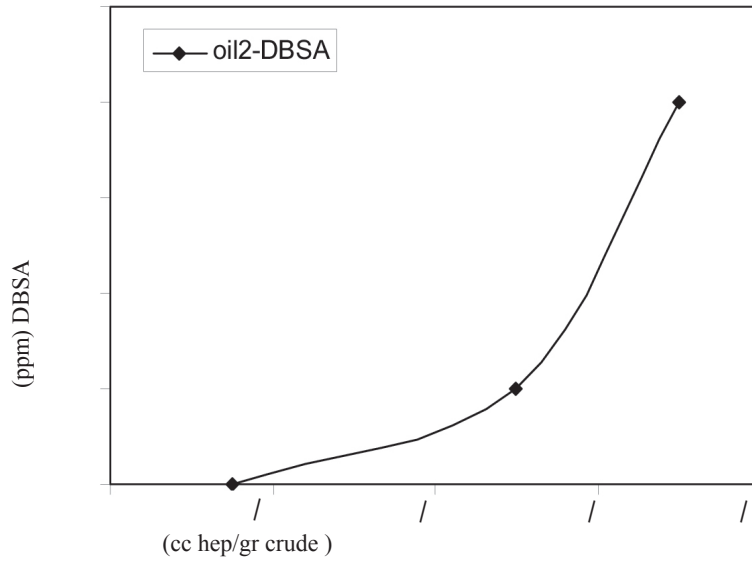
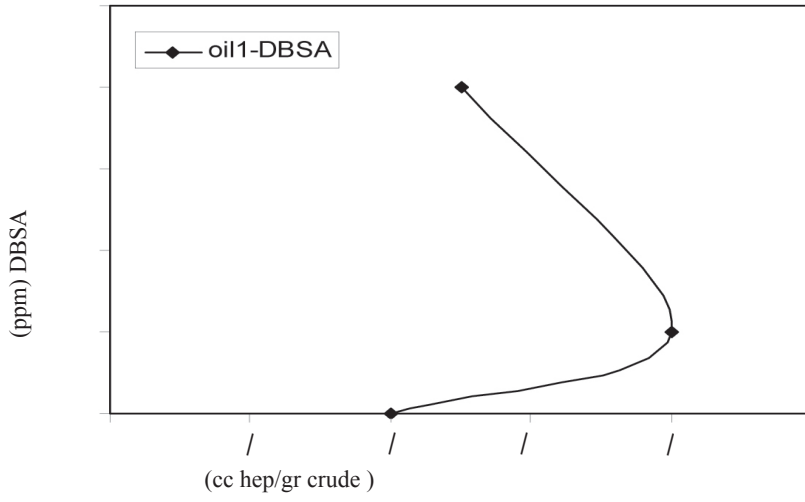
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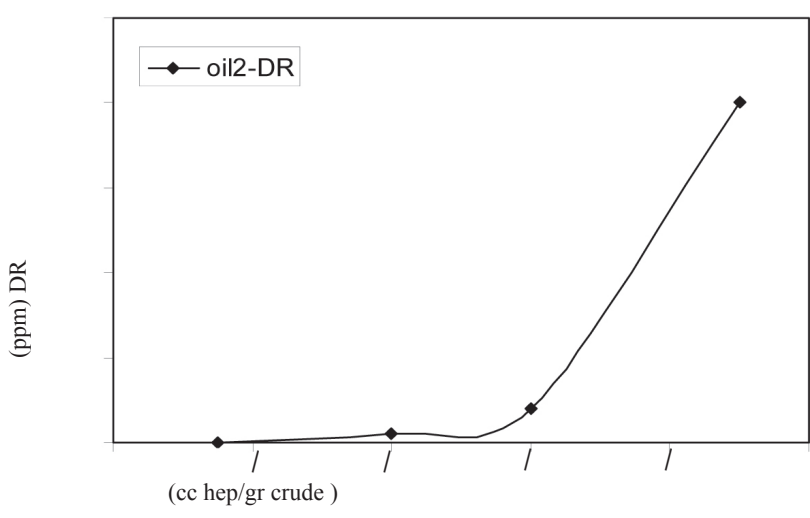
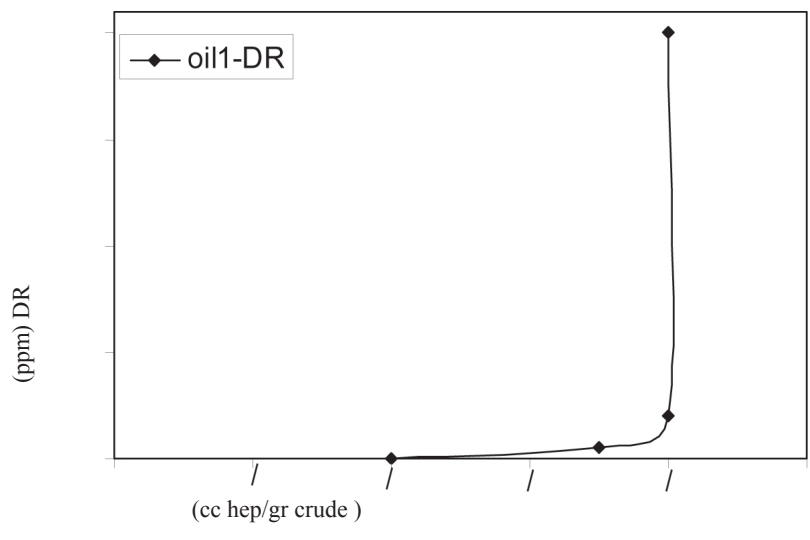
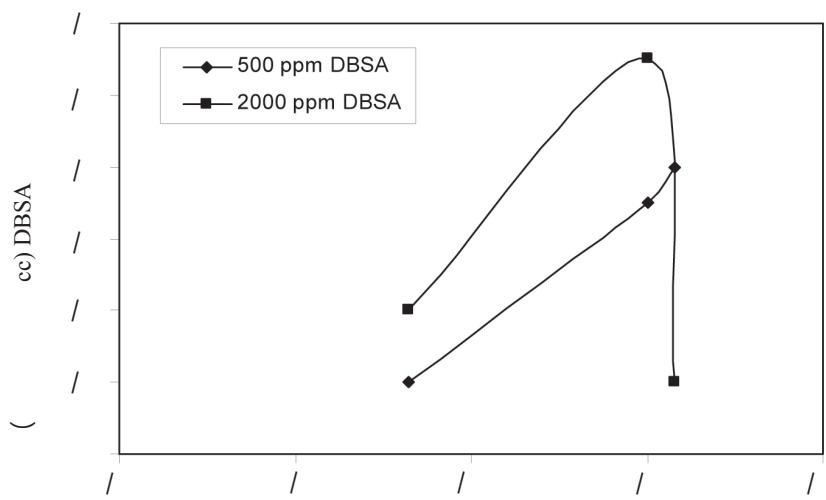
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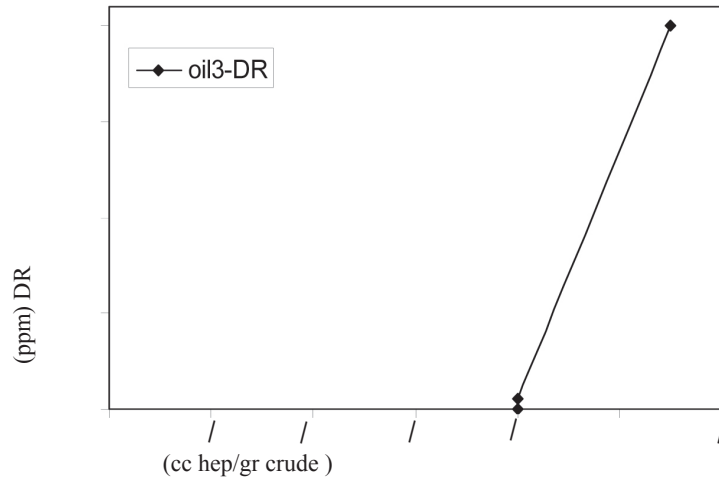
ppm

ppm

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(ppm)

ppm

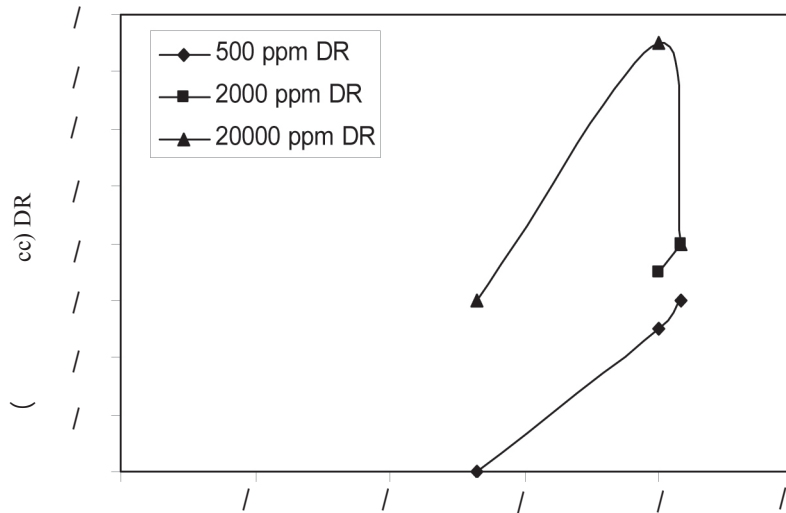
(-OH)

(-OH)

DR

DBSA

(-OH)



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