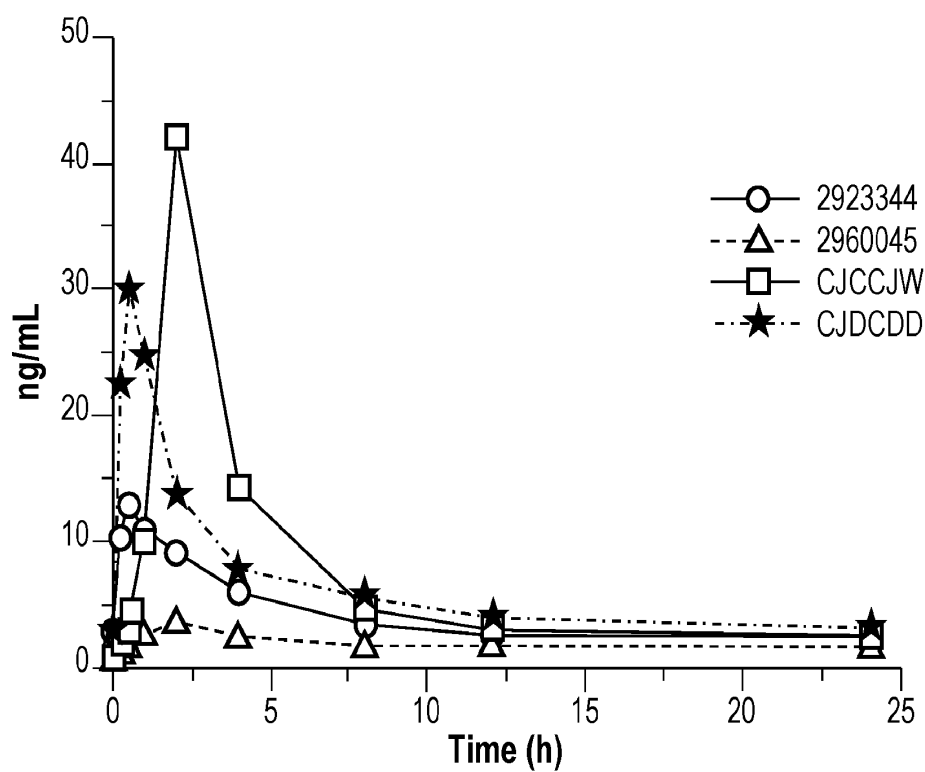
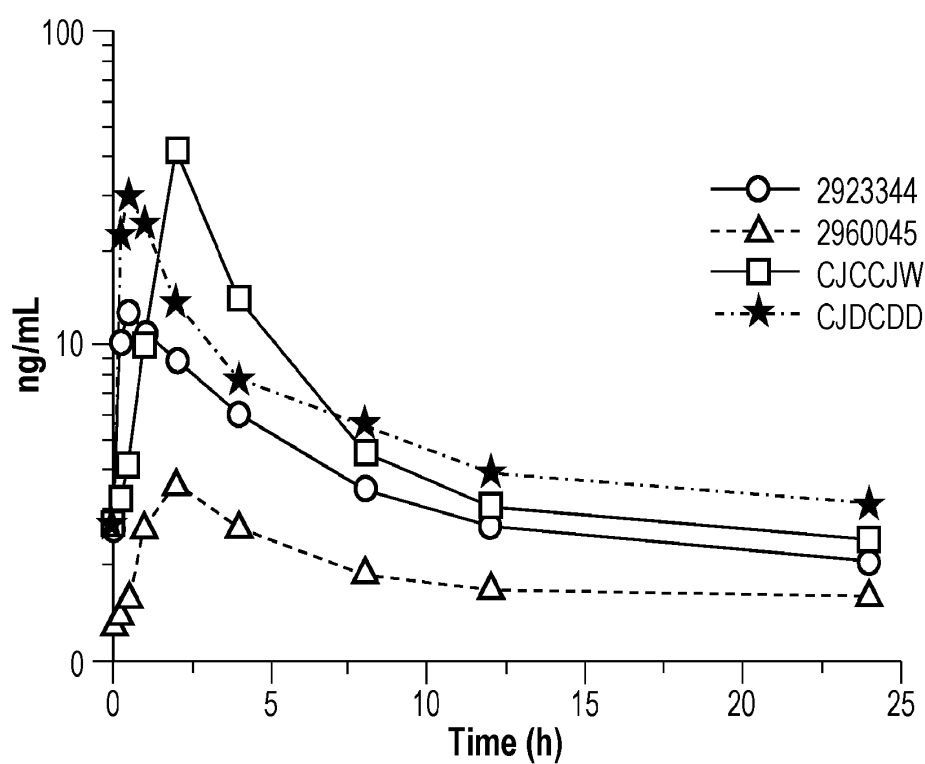
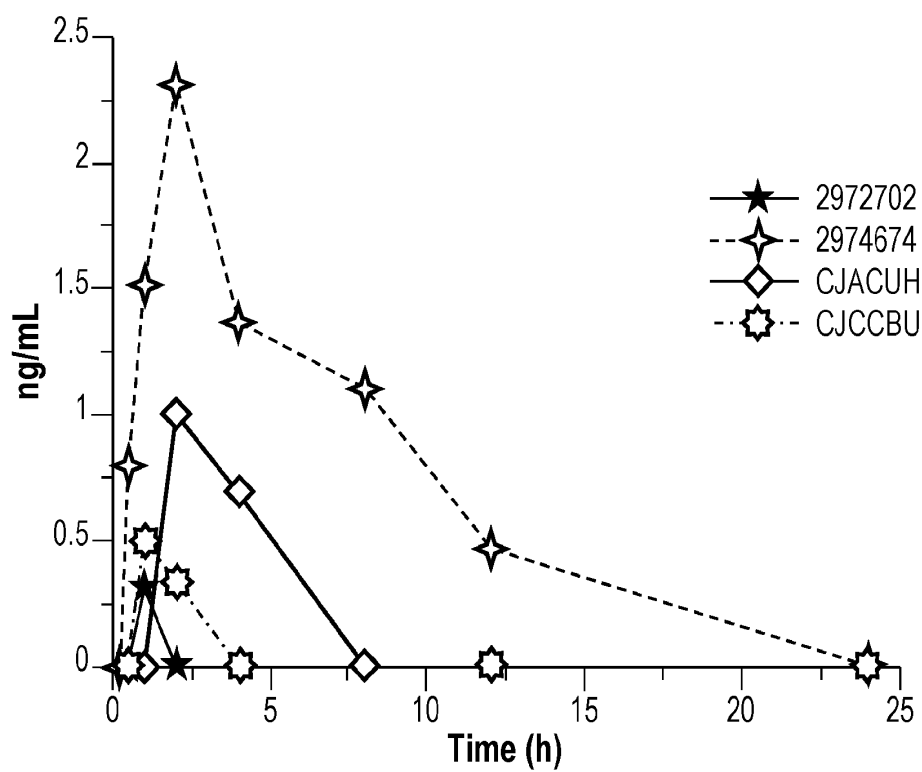
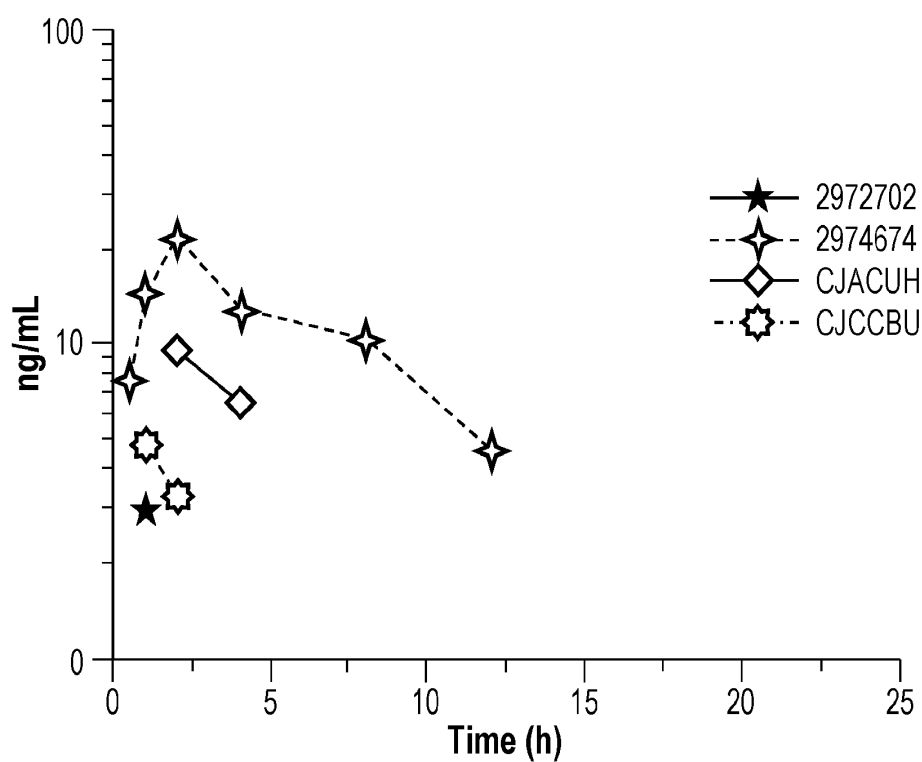
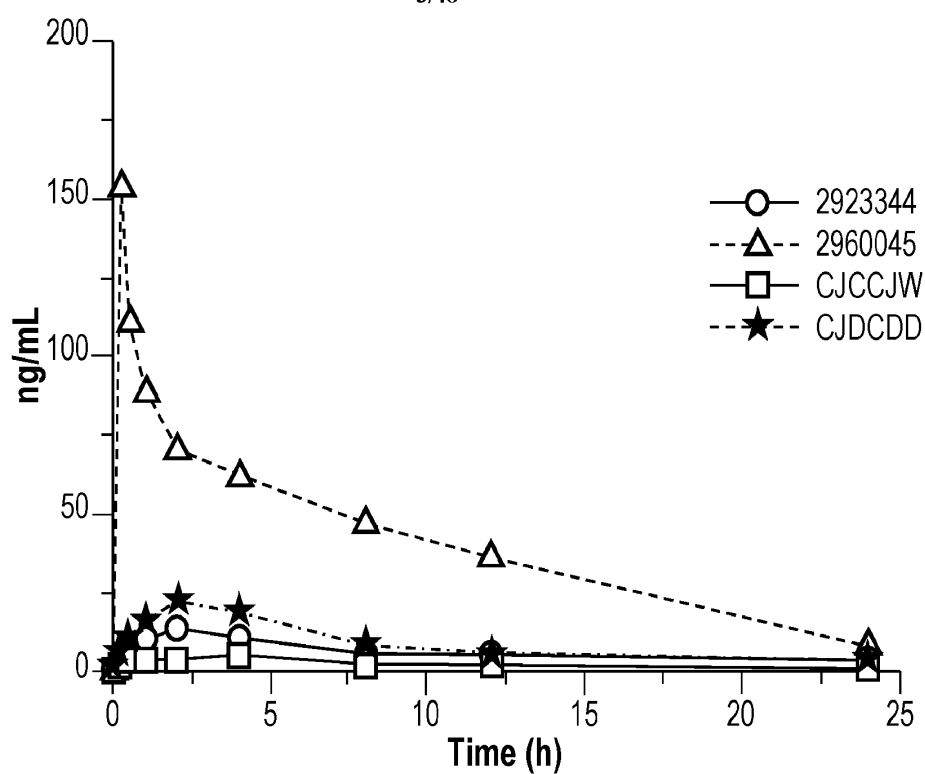
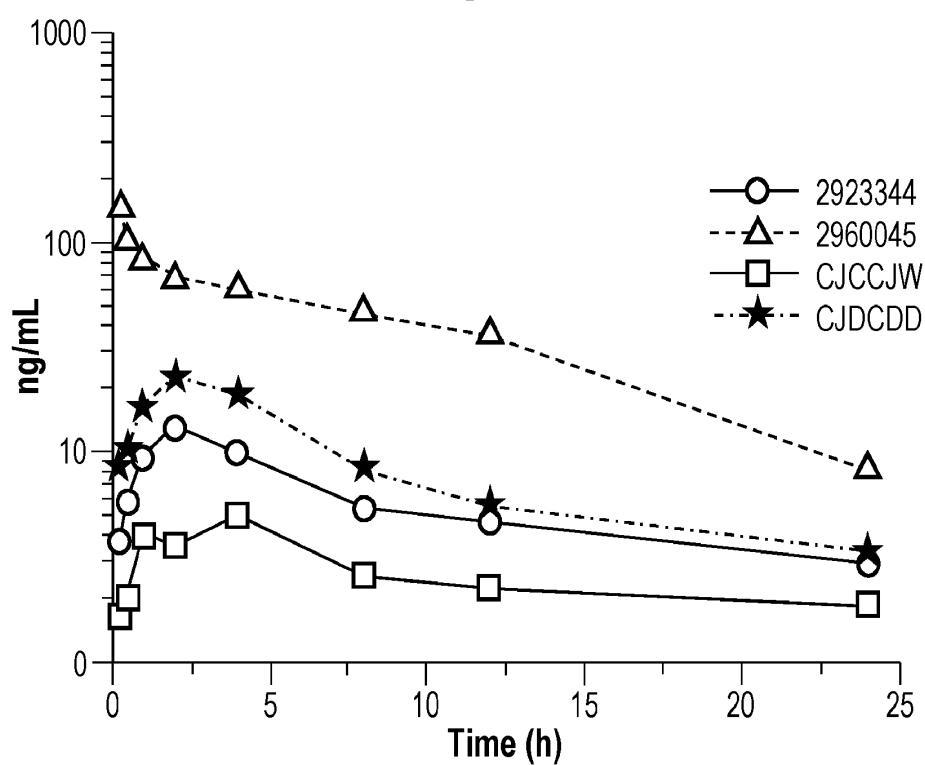


**Fig. 1A****Fig. 1B**

**Fig. 2A****Fig. 2B**

**Fig. 3A****Fig. 3B**

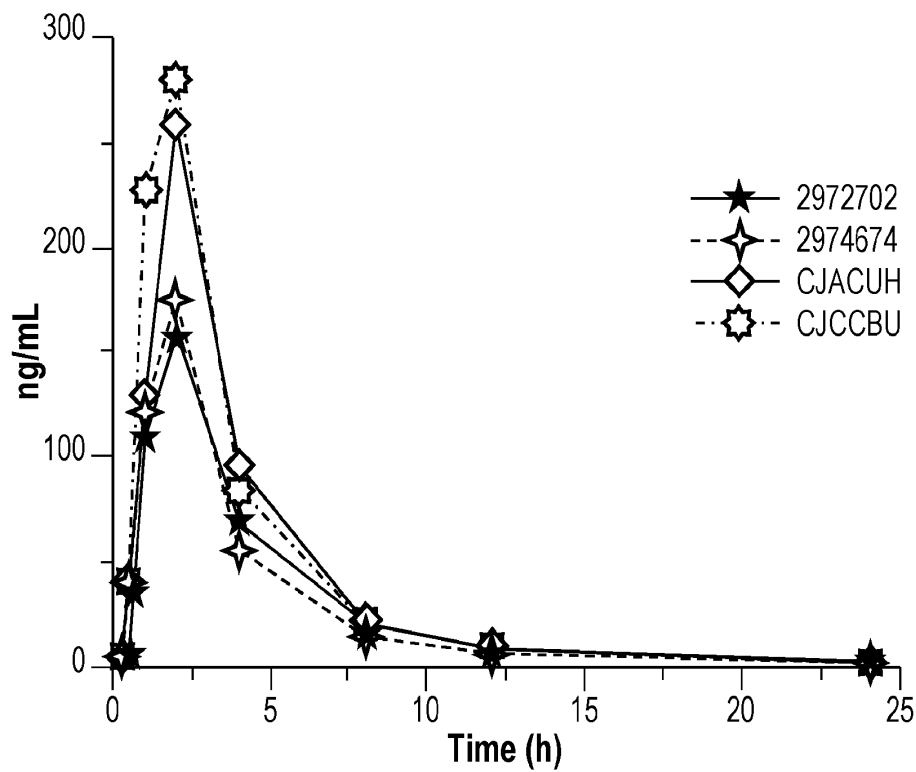


Fig. 4A

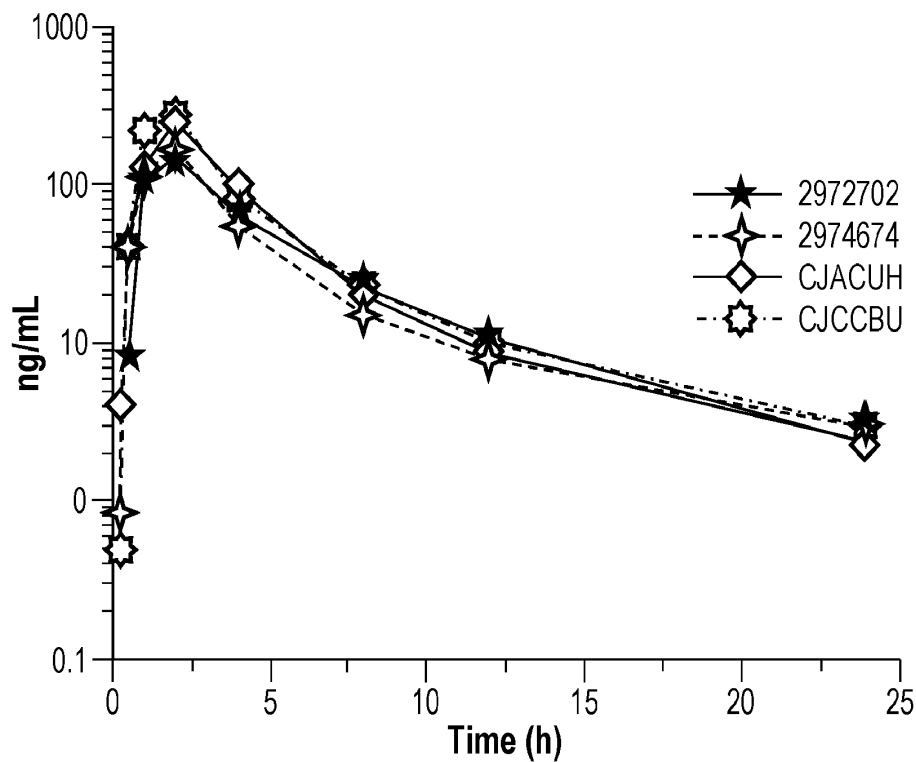


Fig. 4B

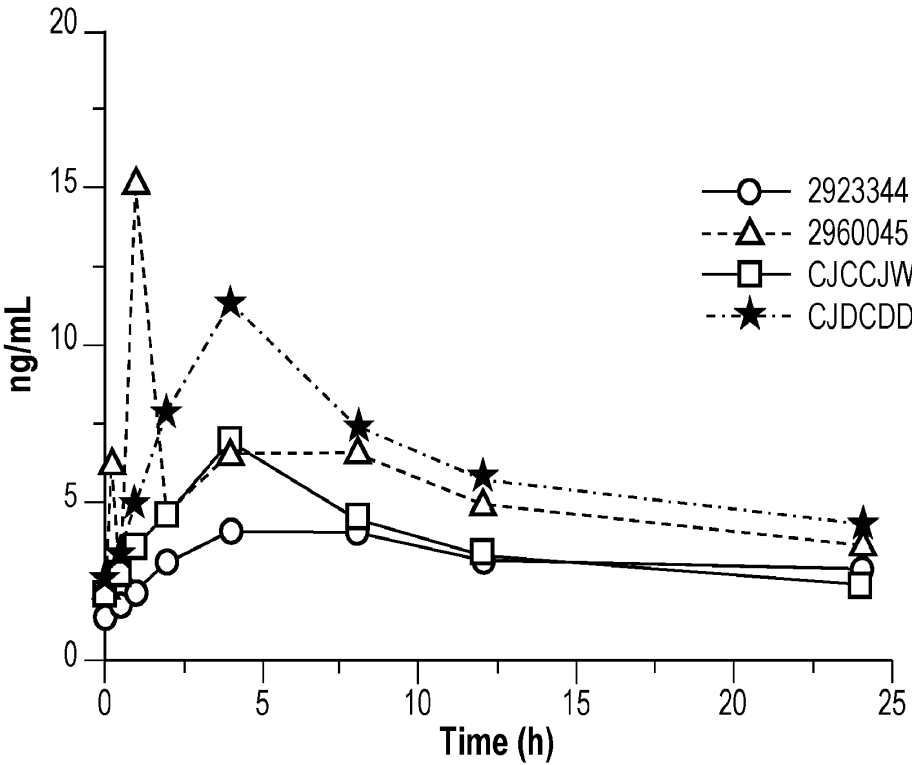


Fig. 5A

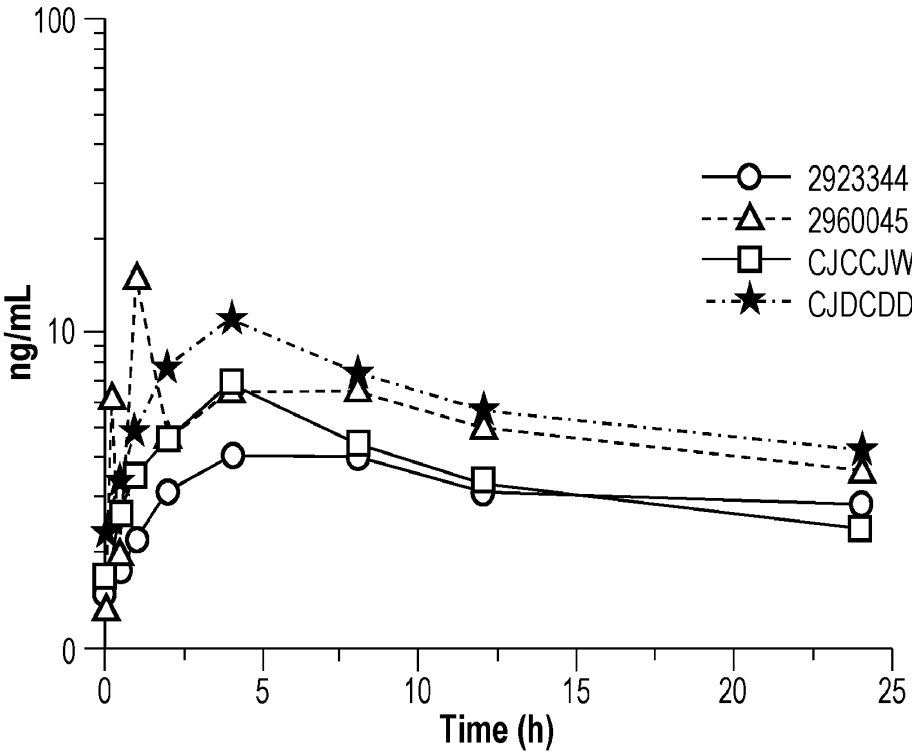
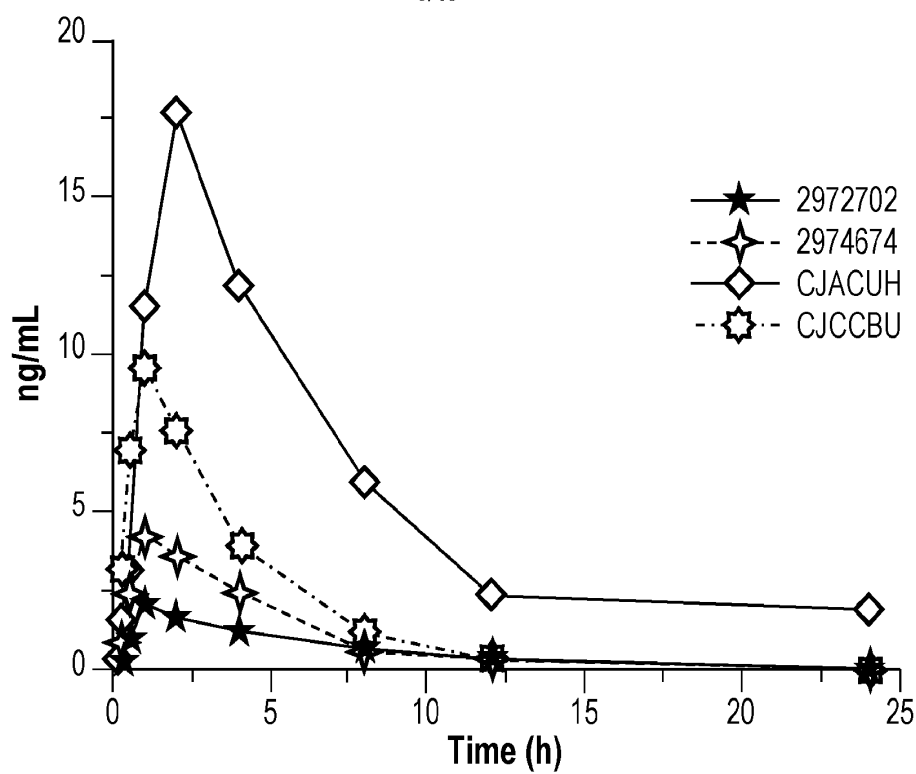
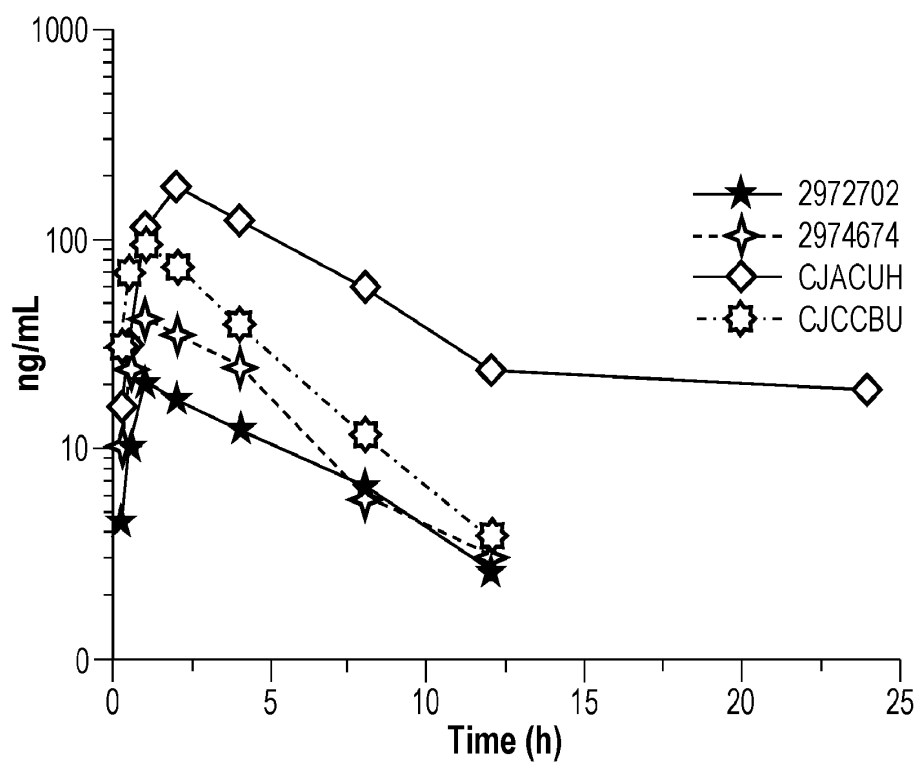
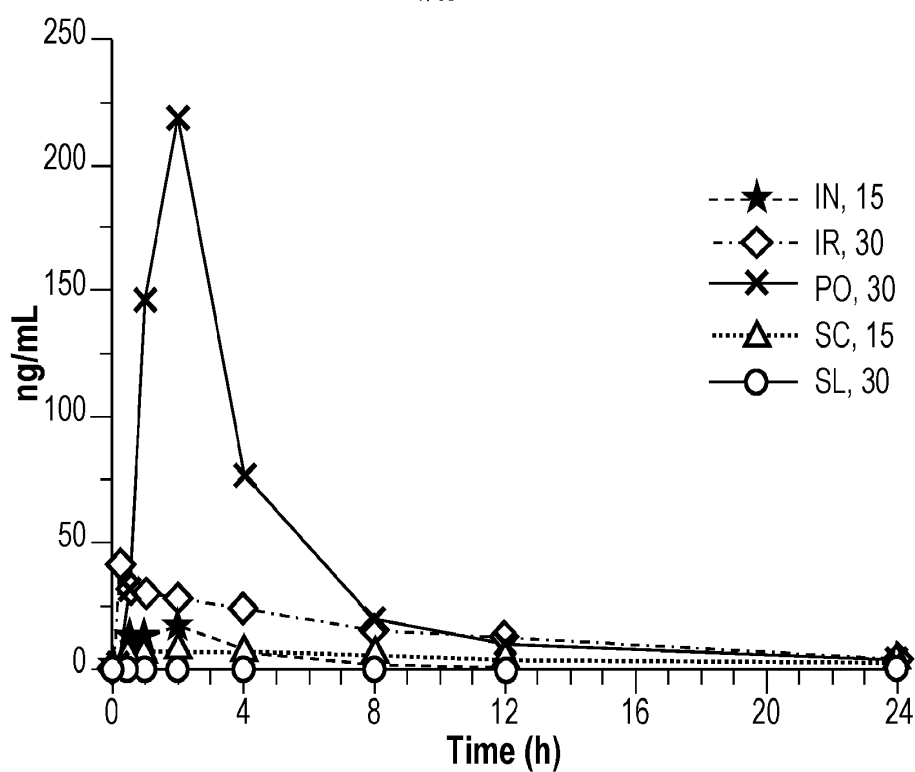
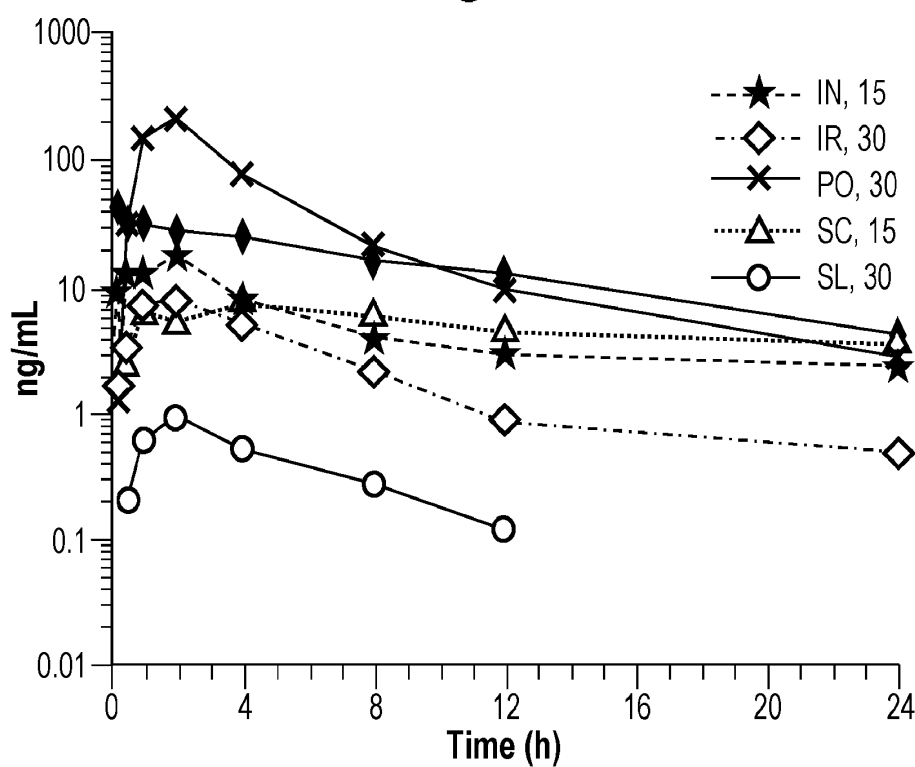


Fig. 5B

**Fig. 6A****Fig. 6B**

**Fig. 7A****Fig. 7B**

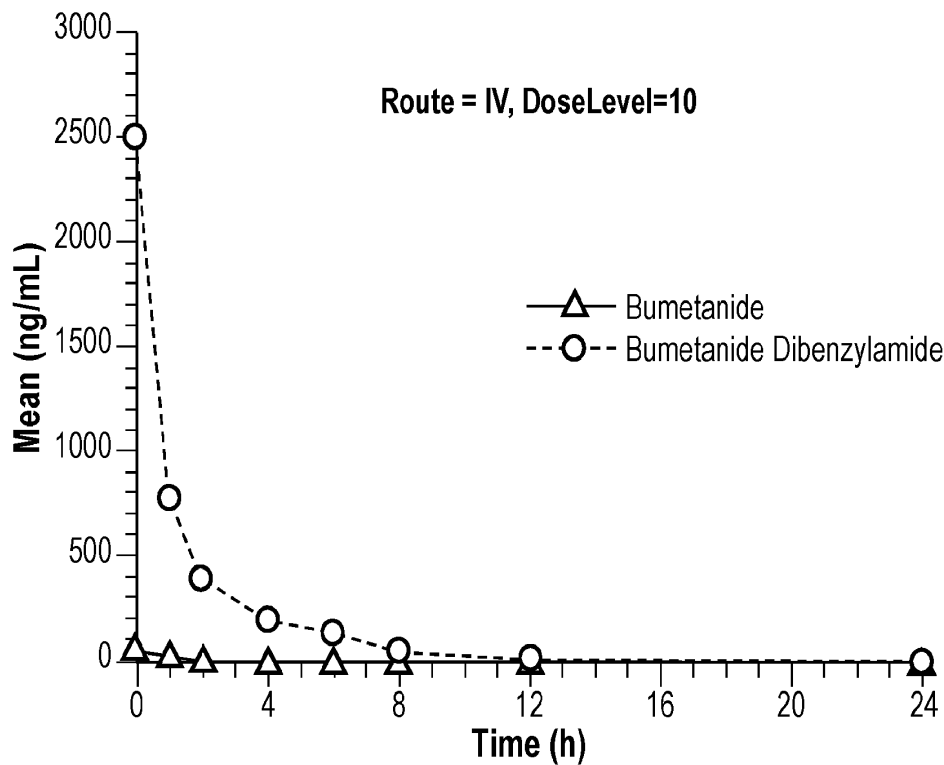


Fig. 8A

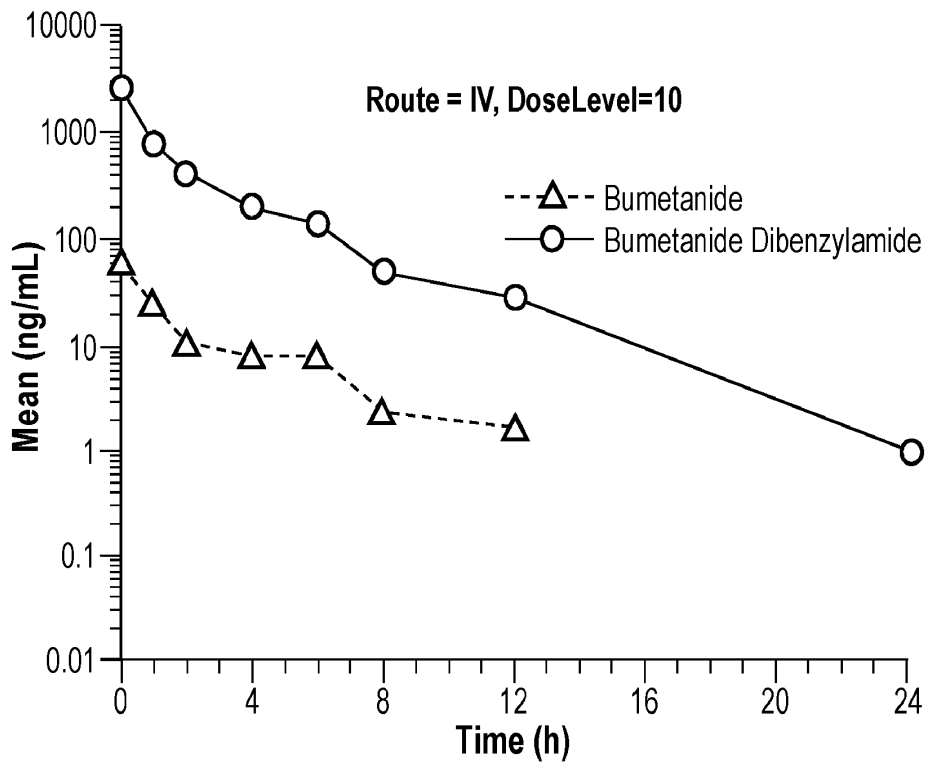


Fig. 8B

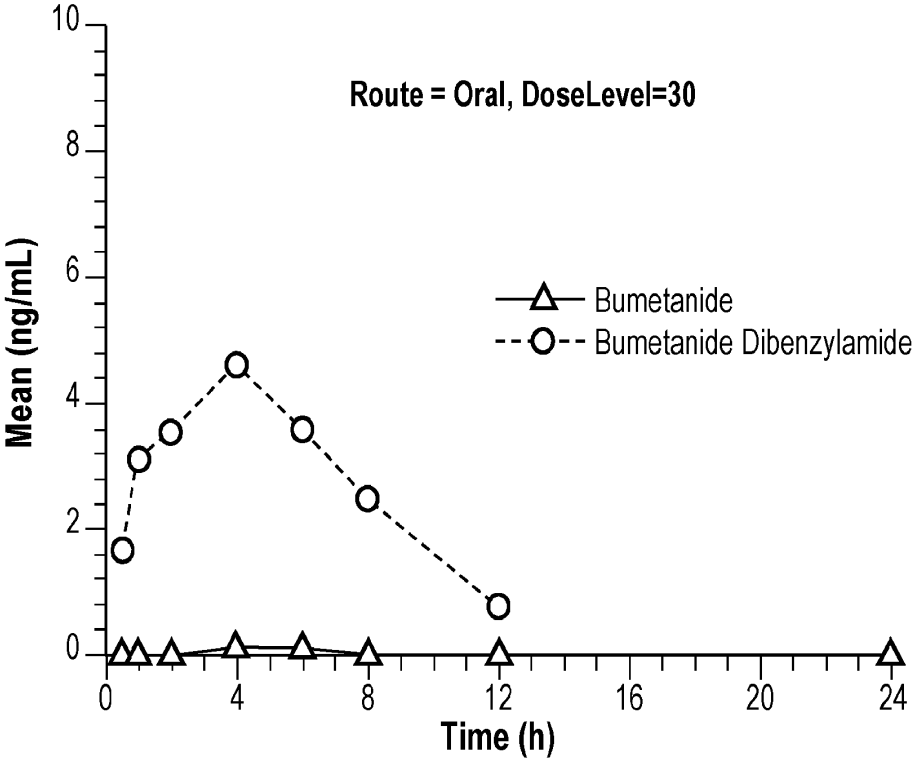


Fig. 9A

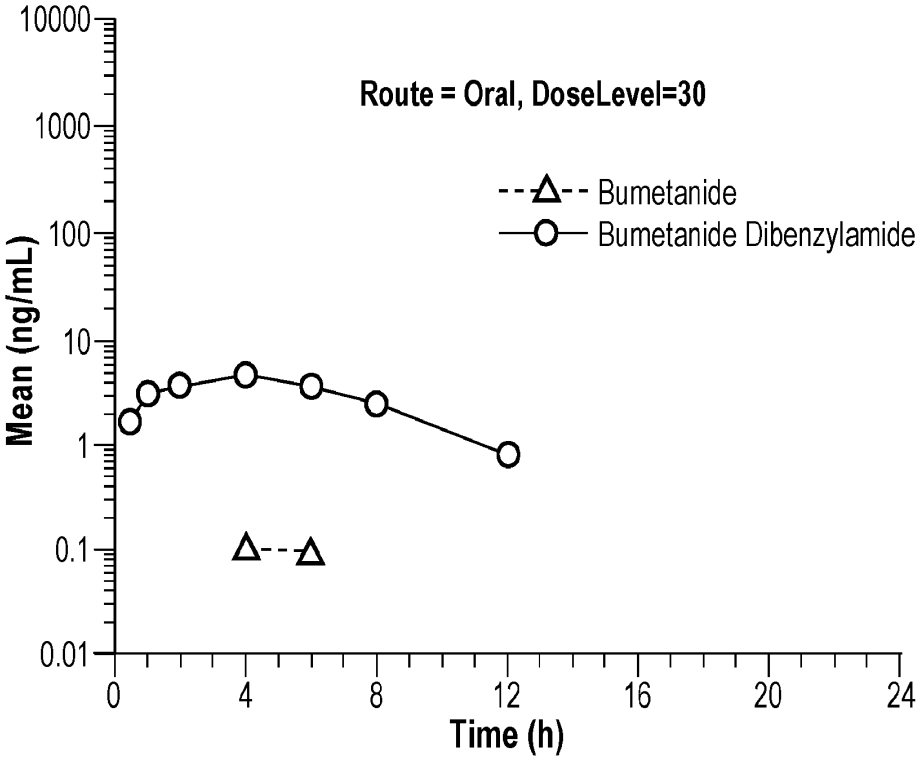
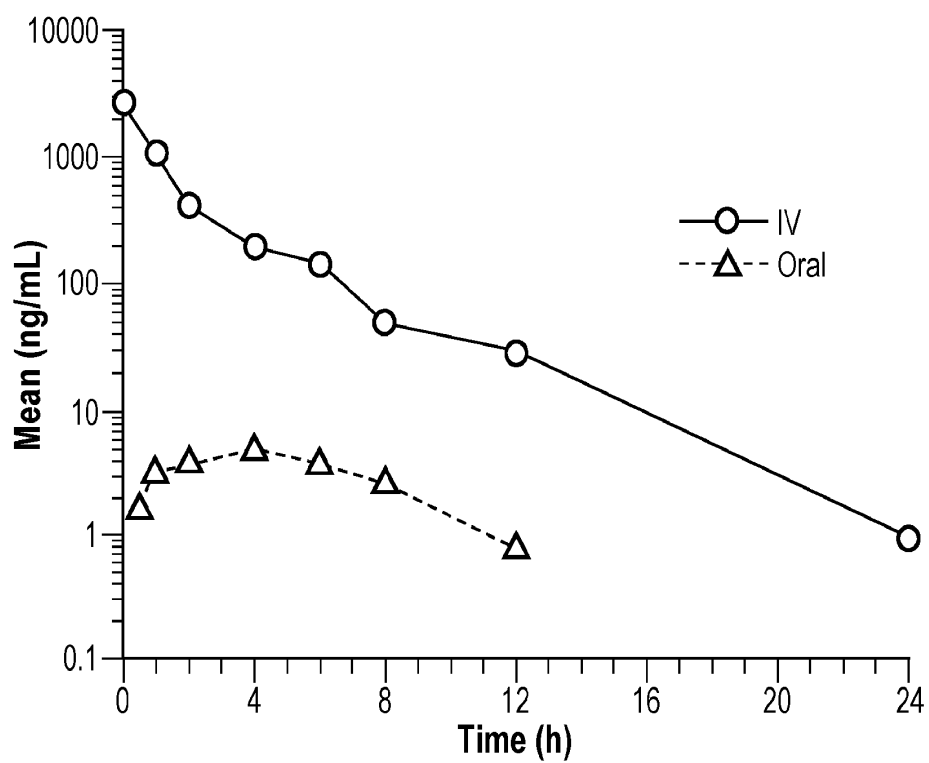
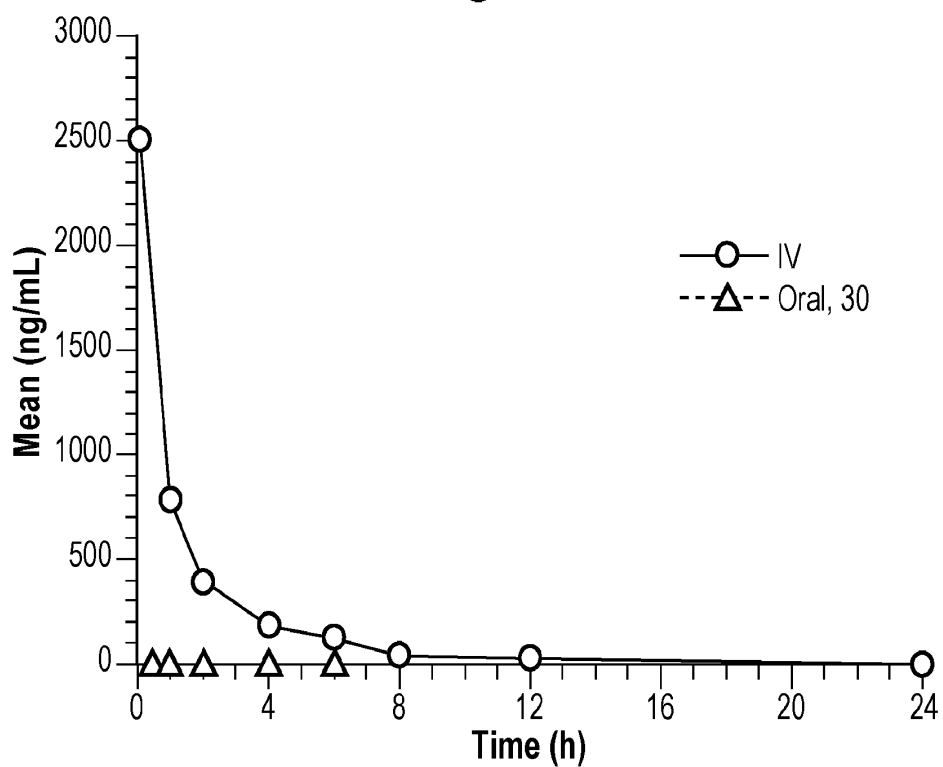


Fig. 9B

**Fig. 10A****Fig. 10B**

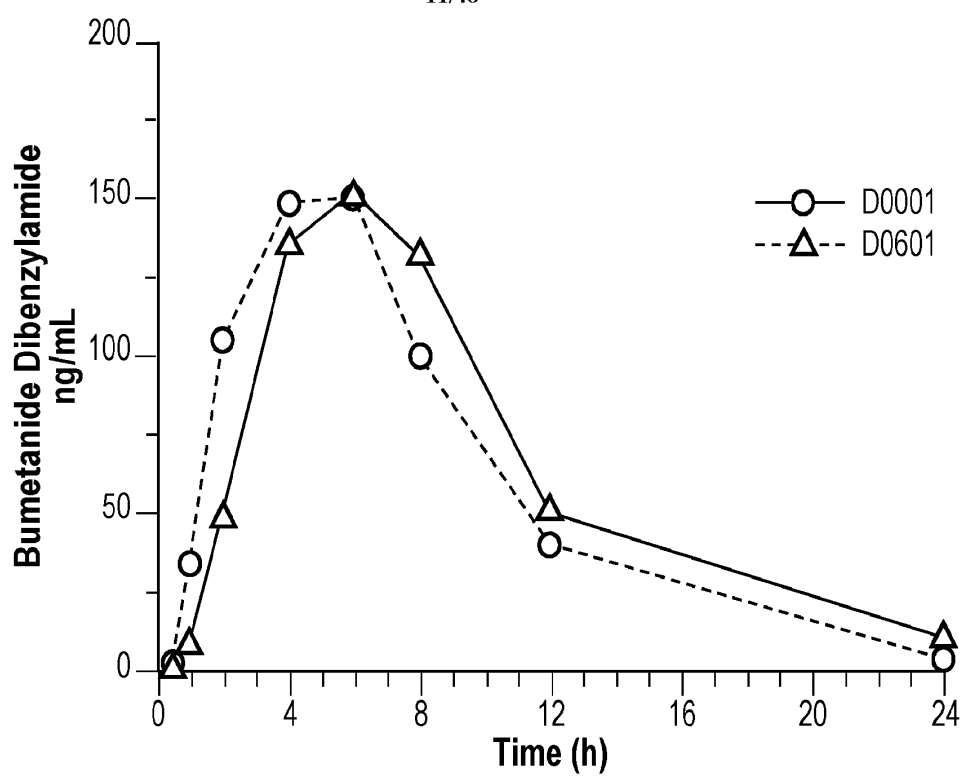
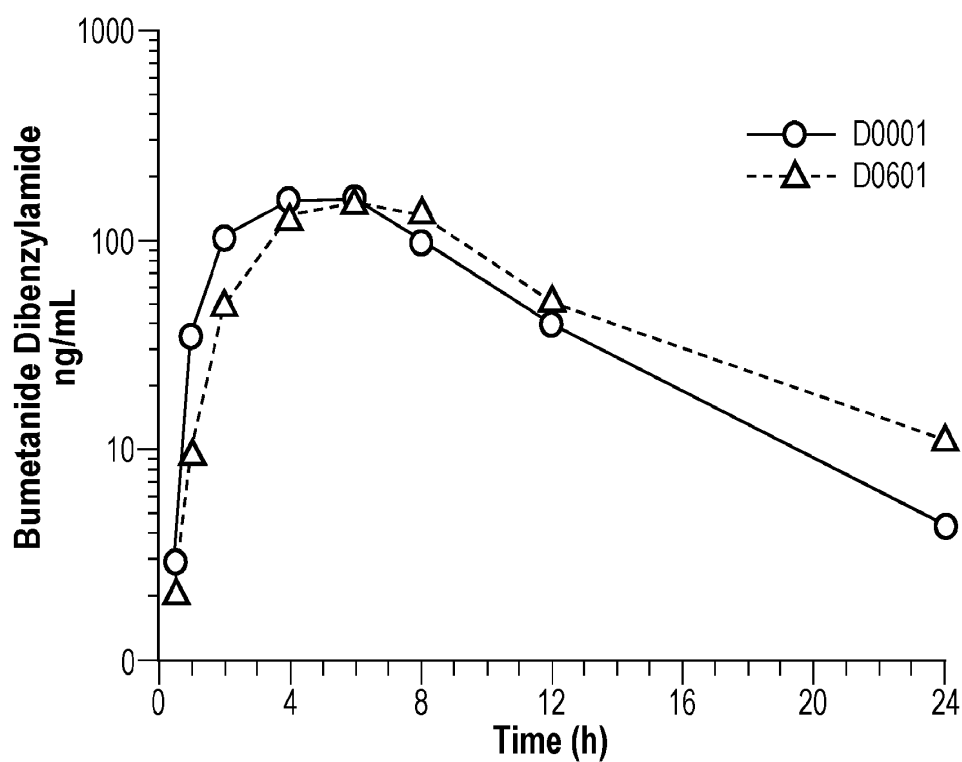
**Fig. 11A****Fig. 11B**

Figure 12

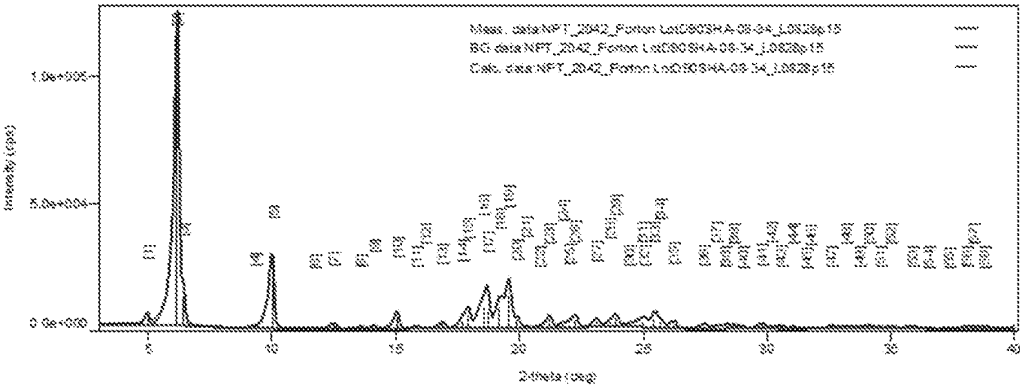
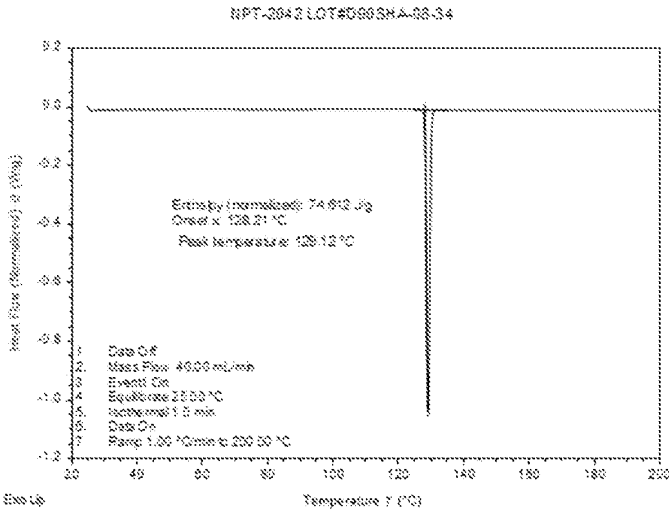


Figure 13



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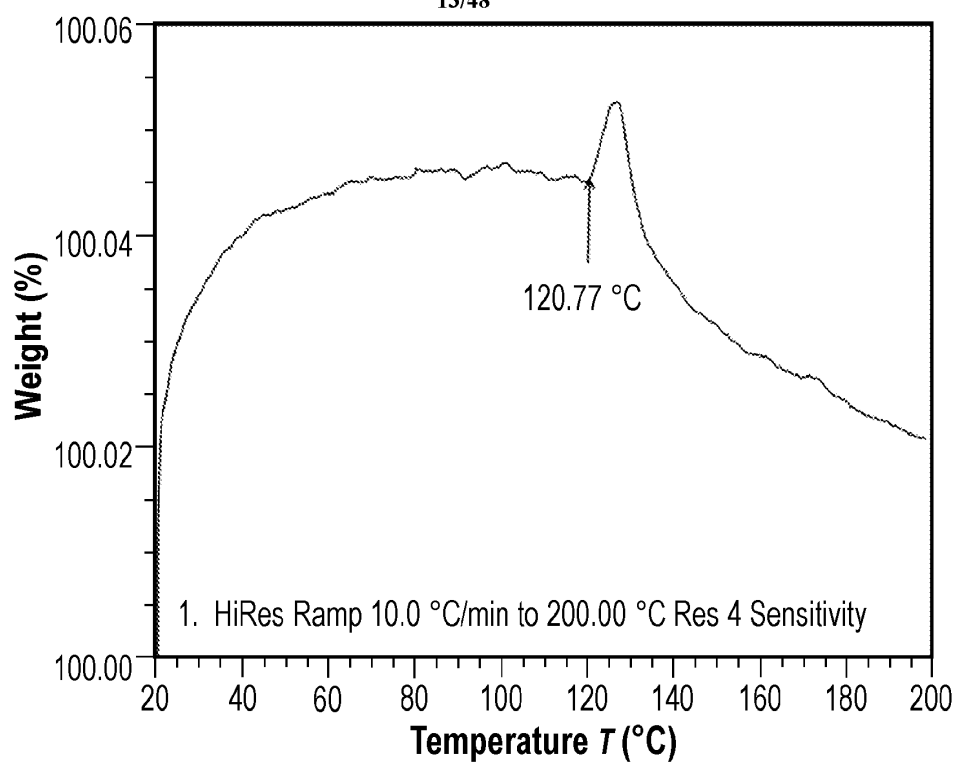
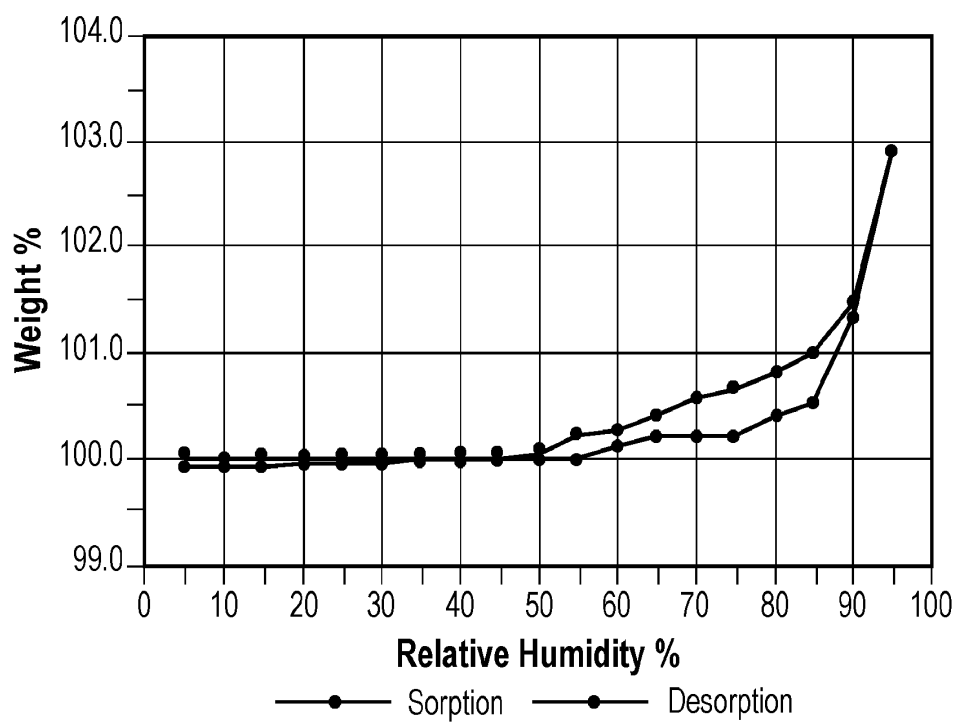
**Fig. 14****Fig. 15**

Figure 16

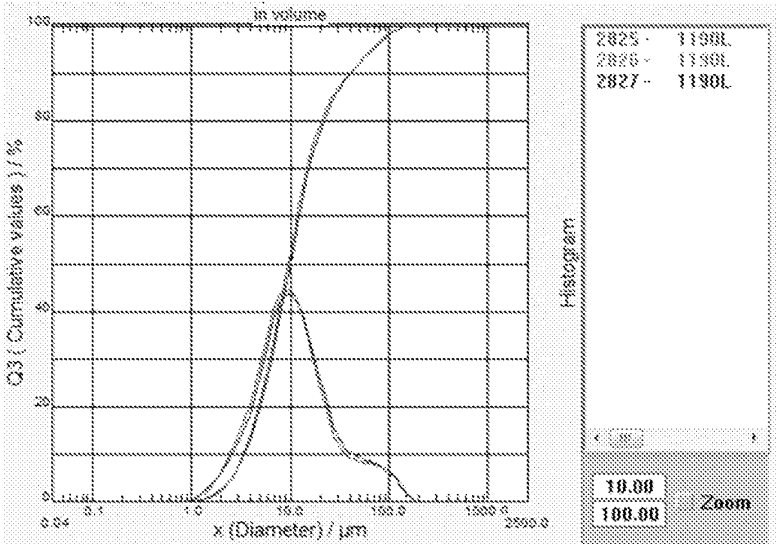
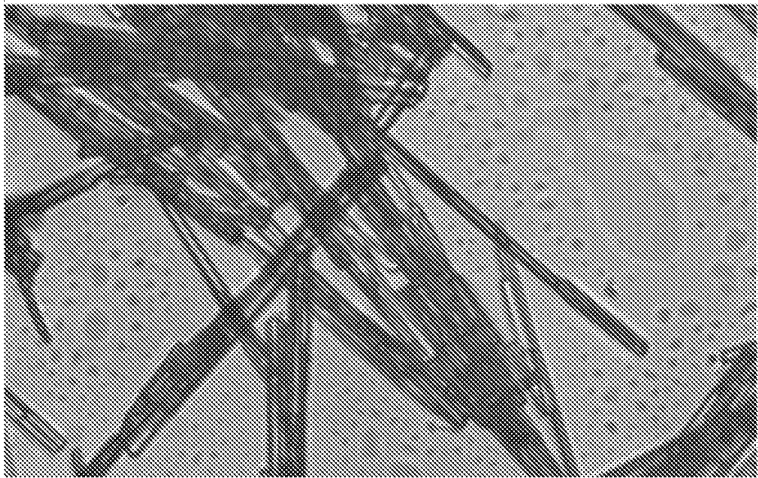


Figure 17



Old term for seizure	New term for seizure [choice] (optional)
Absence	(Generalized) absence
Absence, atypical	(Generalized) absence, atypical
Absence, typical	(Generalized) absence, typical
Akinetic	Focal behavior arrest, generalized absence
Astatic	[Focal/generalized] atonic
Atonic	[Focal/generalized] atonic
Aura	Focal aware
Clonic	[Focal/generalized] clonic
Complex partial	Focal impaired awareness
Convulsion	[Focal/generalized] motor [tonic-clonic, tonic, clonic], focal to bilateral tonic-clonic
Dacrystic	Focal [aware or impaired awareness] emotional (dacrystic)
Dialeptic	Focal impaired awareness
Drop attack	[Focal/generalized] atonic [focal/generalized] tonic
Fencer's posture (asymmetric tonic)	Focal [aware or impaired awareness] motor tonic
Figure-of-4	Focal [aware or impaired awareness] motor tonic
Freeze	Focal [aware or impaired awareness] behavior arrest
Frontal lobe*	Focal
Gelastic	Focal [aware or impaired awareness] emotional (gelastic)
Grand mal	Generalized tonic-clonic, focal to bilateral tonic-clonic, unknown-onset tonic-clonic
Gustatory	Focal [aware or impaired awareness] sensory (gustatory)
Infantile spasms	[Focal/generalized/unknown] onset epileptic spasms
Jacksonian	Focal aware motor (Jacksonian)
Limbic	Focal impaired awareness
Major motor	Generalized tonic-clonic focal-onset bilateral tonic-clonic
Minor motor	Focal motor, generalized myoclonic
Myoclonic	[Focal/generalized] myoclonic
Neocortical*	Focal aware or focal impaired awareness
Occipital lobe*	Focal
Parietal lobe*	Focal
Partial	Focal
Petit mal	Absence
Psychomotor	Focal impaired awareness
Rolandic	Focal aware motor, focal to bilateral tonic-clonic
Salaam	[Focal/generalized/unknown onset] epileptic spasms
Secondarily generalized	
Tonic-clonic	Focal to bilateral tonic-clonic
Simple partial	Focal aware
Supplementary motor	Focal motor tonic
Sylvian	Focal motor
Temporal lobe*	Focal aware/impaired awareness
Tonic	[Focal/generalized] tonic
Tonic-clonic	[Generalized/unknown] onset tonic-clonic, focal to bilateral tonic-clonic
Uncinate	Focal [aware impaired awareness] sensory (olfactory)

Note that there is not a one-to-one correspondence, reflecting reorganization as well as renaming
The most important terms are set in bold.
*Anatomic classification may still be useful for some purposes, for example, in evaluation for epilepsy surgery.

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doi: 10.1111/lepi.13671

Fig. 18

SUBSTITUTE SHEET (RULE 26)

Calculation

Assay Date:Nov.30.2021

Volume of Apical Well (mL)0.075

Seeding Date:Nov.03.2021

Volume of Basolateral Well (mL)0.25

Culture Time:28 days

Area of Transport (cm²)0.0804

Plate:PET-96, 1 µm

Incubation Time (hour)2.00

Passage No.:p41

Serial Number	Compound ID	Sample Name	Dilution Factor	Analyte Peak Area (counts)	IS Peak Area (counts)	Peak Area Ratio	P _{app} (10 ⁻⁶ cm/s)	Mean P _{app} (10 ⁻⁶ cm/s)	Efflux Ratio	%Solution Recovery	Mean %Solution Recovery	Note
PC1	Nadolol	Nadolol A>B receiver	1	4.27E+02	4.37E+05	9.78E-04	0.716	0.0983		96.4	97.0	
		Nadolol A>B receiver	1	2.81E+02	4.30E+05	6.53E-04	0.0808			97.6		
		Nadolol A>B donor	3	5.18E+05	4.42E+05	3.51E+00						
		Nadolol A>B donor	3	5.00E+05	4.40E+05	3.41E+00						
		Nadolol T0	3	5.87E+05	4.67E+05	3.65E+00						
PC2	Metoprolol	Nadolol T0	3	5.15E+05	4.43E+05	3.49E+00						
		Metoprolol A>B receiver	1	1.22E+04	2.96E+04	4.12E-01	19.0	19.2		93.2	94.7	
		Metoprolol A>B receiver	1	1.25E+04	3.01E+04	4.14E-01	19.5			96.2		
		Metoprolol A>B donor	3	7.56E+04	3.09E+04	7.35E+00						
		Metoprolol A>B donor	3	7.59E+04	3.04E+04	7.49E+00						
PC3	Digoxin	Metoprolol T0	3	9.39E+04	3.07E+04	9.36E+00						
		Metoprolol T0	3	9.33E+04	3.05E+04	9.17E+00						
		Digoxin A>B receiver	1	2.20E+02	2.64E+04	8.69E-03	0.0197	0.0223	586	91.4	94.7	
		Digoxin A>B receiver	1	2.79E+02	2.58E+04	1.08E-02	0.0250			98.1		
		Digoxin B>A receiver	3	1.75E+05	2.68E+04	1.96E+01	13.3	13.1		105.6	108.1	
CPD1	NPT-2042	Digoxin B>A receiver	3	1.68E+05	2.71E+04	1.86E+01	12.9			110.6		
		Digoxin A>B donor	3	1.62E+06	2.79E+04	1.74E+02						
		Digoxin A>B donor	3	1.70E+06	2.78E+04	1.84E+02						
		Digoxin B>A donor	3	1.79E+06	2.75E+04	1.95E+02						
		Digoxin B>A donor	3	1.82E+06	2.71E+04	2.02E+02						
CPD2	NPT-2054	Digoxin T0	3	1.80E+06	2.84E+04	1.90E+02						
		Digoxin T0	3	1.82E+06	2.91E+04	1.87E+02						
		NPT-2042 A>B receiver	1	0.00E+00	7.29E+04	7.19E-04	0.480	0.480	0.825	5.4	4.9	1/300 of the measured peak area ratio (PAR) of the relevant T0 sample was used as it's PAR value.
		NPT-2042 A>B receiver	1	0.00E+00	7.75E+04	1.01E-03	0.480			4.4	4.3	1/300 of the measured peak area ratio (PAR) of the relevant T0 sample was used as it's PAR value.
		NPT-2042 B>A receiver	3	5.38E+01	7.86E+04	2.05E-03	0.411	0.396		26.7	23.4	
CPD2	NPT-2054	NPT-2042 B>A receiver	3	6.74E+01	7.57E+04	2.67E-03	0.381			25.6		
		NPT-2042 B>A donor	3	8.20E+02	7.50E+04	3.28E-02						
		NPT-2042 A>B donor	3	9.80E+02	8.01E+04	3.67E-02						
		NPT-2042 B>A donor	3	4.55E+03	8.23E+04	1.66E-01						
		NPT-2042 B>A donor	3	6.01E+03	7.96E+04	2.26E-01						
CPD2	NPT-2054	NPT-2042 B>A donor	3	1.76E+04	8.18E+04	6.47E-01						
		NPT-2042 T0	3	2.36E+04	7.78E+04	9.09E-01						
		NPT-2054 A>B receiver	1	1.61E+03	8.63E+04	1.67E-02	0.753	0.709	43.8	90.7	87.4	
		NPT-2054 A>B receiver	1	1.31E+03	7.92E+04	1.65E-02	0.664			84.2		
		NPT-2054 B>A receiver	3	7.37E+04	8.82E+04	2.51E+00	30.3	31.0		102.0	99.6	
CPD2	NPT-2054	NPT-2054 B>A receiver	3	7.52E+04	8.56E+04	2.63E+00	31.8			97.2		
		NPT-2054 A>B donor	3	2.74E+05	8.49E+04	9.67E+00						
		NPT-2054 A>B donor	3	2.50E+05	8.36E+04	8.98E+00						
		NPT-2054 B>A donor	3	2.66E+05	7.81E+04	1.02E+01						

FIGURE 19

Serial Number	Compound ID	Sample Name	Dilution Factor	Analyte		IS Peak Area (counts)	Peak Area Ratio	P _{app} (10 ⁻⁶ cm/s)	Mean P _{app} (10 ⁻⁶ cm/s)	Efflux Ratio	Mean %Solution Recovery		Note
				Peak Area (counts)	Peak Area (counts)						%Solution Recovery	%Solution Recovery	
CPD3	NPT-2042 SEDDS	NPT-2054 B>A donor	3	2.63E+05	8.18E+04	9.64E+00							
		NPT-2054 T0	3	2.97E+05	8.29E+04	1.07E+01							
		NPT-2054 T0	3	2.81E+05	7.85E+04	1.07E+01							
		NPT-2042 SEDDS A>B receiver	1	1.61E+02	7.62E+04	2.12E-03		0.183	0.332	0.600	54.2	58.3	1/300 of the measured peak area ratio (PAR) of the relevant T0 sample was used as it's PAR value.
		NPT-2042 SEDDS A>B receiver	1	0.00E+00	7.55E+04	5.27E-03		0.480			62.4	86.3	
		NPT-2042 SEDDS B>A receiver	3	1.89E+02	7.99E+04	7.10E-03		0.185	0.199		85.2	87.3	
		NPT-2042 SEDDS B>A receiver	3	2.10E+02	8.06E+04	7.80E-03		0.213					
		NPT-2042 SEDDS A>B donor	3	7.10E+04	7.90E+04	2.70E+00							
		NPT-2042 SEDDS A>B donor	3	7.85E+04	8.01E+04	2.94E+00							
		NPT-2042 SEDDS B>A donor	3	1.08E+05	7.60E+04	4.24E+00							
CPD4	NPT-2054 SEDDS	NPT-2042 SEDDS B>A donor	3	1.10E+05	7.99E+04	4.14E+00							
		NPT-2042 SEDDS T0	3	1.39E+05	8.39E+04	4.98E+00							
		NPT-2042 SEDDS T0	3	1.32E+05	8.36E+04	4.74E+00							
		NPT-2054 SEDDS A>B receiver	1	1.58E+03	8.58E+04	1.84E-02		0.792	0.787	42.9	101.2	98.2	
		NPT-2054 SEDDS A>B receiver	1	1.56E+03	8.17E+04	1.90E-02		0.782			95.2	102.2	
		NPT-2054 SEDDS B>A receiver	3	7.28E+04	8.97E+04	2.44E+00		31.5	33.8		104.5		
		NPT-2054 SEDDS B>A receiver	3	7.23E+04	7.41E+04	2.93E+00		36.1			99.8		
		NPT-2054 SEDDS A>B donor	3	2.83E+05	8.44E+04	1.01E+01							
		NPT-2054 SEDDS A>B donor	3	2.72E+05	8.22E+04	9.94E+00							
		NPT-2054 SEDDS B>A donor	3	2.70E+05	8.32E+04	9.73E+00							
		NPT-2054 SEDDS B>A donor	3	2.72E+05	8.48E+04	9.61E+00							
		NPT-2054 SEDDS T0	3	2.87E+05	8.60E+04	1.00E+01							
		NPT-2054 SEDDS T0	3	2.90E+05	8.28E+04	1.05E+01							

FIGURE 19 (continued)

Label	Sample Name	Sample Type	Sample ID	Sample Comment	Rack Number	Vial Number	Component Name	Dilution Factor
Digoxin BK1	Digoxin__BK1	Unknown	BK1		1	91	Digoxin (825.6 / 779.6)	1
Digoxin AR	Digoxin__AR	Unknown	AR		2	91	Digoxin (825.6 / 779.6)	1
Digoxin AR	Digoxin__AR	Unknown	AR		2	92	Digoxin (825.6 / 779.6)	1
Digoxin BK2	Digoxin__BK2	Unknown	BK2		1	92	Digoxin (825.6 / 779.6)	1
Digoxin BR	Digoxin__BR	Unknown	BR		3	91	Digoxin (825.6 / 779.6)	1
Digoxin BR	Digoxin__BR	Unknown	BR		3	92	Digoxin (825.6 / 779.6)	1
Digoxin AD	Digoxin__AD	Unknown	AD		4	91	Digoxin (825.6 / 779.6)	1
Digoxin AD	Digoxin__AD	Unknown	AD		4	92	Digoxin (825.6 / 779.6)	1
Digoxin BD	Digoxin__BD	Unknown	BD		5	91	Digoxin (825.6 / 779.6)	1
Digoxin BD	Digoxin__BD	Unknown	BD		5	92	Digoxin (825.6 / 779.6)	1
Digoxin T0	Digoxin__T0	Unknown	T0		6	91	Digoxin (825.6 / 779.6)	1
Digoxin T0	Digoxin__T0	Unknown	T0		6	92	Digoxin (825.6 / 779.6)	1
Metoprolol BK1	Metoprolol__BK1	Unknown	BK1		1	93	Metoprolol (268.3 / 116.1)	1
Metoprolol AR	Metoprolol__AR	Unknown	AR		2	93	Metoprolol (268.3 / 116.1)	1
Metoprolol AR	Metoprolol__AR	Unknown	AR		2	94	Metoprolol (268.3 / 116.1)	1
Metoprolol BK2	Metoprolol__BK2	Unknown	BK2		1	94	Metoprolol (268.3 / 116.1)	1
Metoprolol BR	Metoprolol__BR	Unknown	BR		3	93	Metoprolol (268.3 / 116.1)	1
Metoprolol BR	Metoprolol__BR	Unknown	BR		3	94	Metoprolol (268.3 / 116.1)	1
Metoprolol AD	Metoprolol__AD	Unknown	AD		4	93	Metoprolol (268.3 / 116.1)	1
Metoprolol AD	Metoprolol__AD	Unknown	AD		4	94	Metoprolol (268.3 / 116.1)	1
Metoprolol BD	Metoprolol__BD	Unknown	BD		5	93	Metoprolol (268.3 / 116.1)	1
Metoprolol BD	Metoprolol__BD	Unknown	BD		5	94	Metoprolol (268.3 / 116.1)	1
Metoprolol T0	Metoprolol__T0	Unknown	T0		6	93	Metoprolol (268.3 / 116.1)	1
Metoprolol T0	Metoprolol__T0	Unknown	T0		6	94	Metoprolol (268.3 / 116.1)	1
Nadolol BK1	Nadolol__BK1	Unknown	BK1		1	1	Nadolol (310.3 / 254.0)	1
Nadolol AR	Nadolol__AR	Unknown	AR		1	4	Nadolol (310.3 / 254.0)	1
Nadolol AR	Nadolol__AR	Unknown	AR		1	3	Nadolol (310.3 / 254.0)	1
Nadolol BK2	Nadolol__BK2	Unknown	BK2		1	2	Nadolol (310.3 / 254.0)	1
Nadolol AD	Nadolol__AD	Unknown	AD		1	6	Nadolol (310.3 / 254.0)	1
Nadolol AD	Nadolol__AD	Unknown	AD		1	5	Nadolol (310.3 / 254.0)	1
Nadolol T0	Nadolol__T0	Unknown	T0		1	8	Nadolol (310.3 / 254.0)	1
Nadolol T0	Nadolol__T0	Unknown	T0		1	7	Nadolol (310.3 / 254.0)	1
NPT-2042 BK1	NPT-2042__BK1	Unknown	BK1		1	51	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 AR	NPT-2042__AR	Unknown	AR		2	51	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 AR	NPT-2042__AR	Unknown	AR		2	52	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 BK2	NPT-2042__BK2	Unknown	BK2		1	52	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 BR	NPT-2042__BR	Unknown	BR		3	51	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 BR	NPT-2042__BR	Unknown	BR		3	52	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 AD	NPT-2042__AD	Unknown	AD		4	51	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 AD	NPT-2042__AD	Unknown	AD		4	52	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 BD	NPT-2042__BD	Unknown	BD		5	51	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 BD	NPT-2042__BD	Unknown	BD		5	52	NPT-2042_1 (544.2 / 347.0)	1

FIGURE 20

Label	Sample Name	Sample Type	Sample ID	Sample Comment	Rack Number	Vial Number	Component Name	Dilution Factor
NPT-2042 T0	NPT-2042_T0	Unknown	T0		6	51	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 T0	NPT-2042_T0	Unknown	T0		6	52	NPT-2042_1 (544.2 / 347.0)	1
NPT-2054 BK1	NPT-2054_BK1	Unknown	BK1		1	63	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 AR	NPT-2054_AR	Unknown	AR		2	63	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 AR	NPT-2054_AR	Unknown	AR		2	64	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 BK2	NPT-2054_BK2	Unknown	BK2		1	64	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 BR	NPT-2054_BR	Unknown	BR		3	63	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 BR	NPT-2054_BR	Unknown	BR		3	64	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 AD	NPT-2054_AD	Unknown	AD		4	63	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 AD	NPT-2054_AD	Unknown	AD		4	64	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 BD	NPT-2054_BD	Unknown	BD		5	63	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 BD	NPT-2054_BD	Unknown	BD		5	64	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 T0	NPT-2054_T0	Unknown	T0		6	63	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 T0	NPT-2054_T0	Unknown	T0		6	64	NPT-2054_1 (434.1 / 346.9)	1
NPT-2042 SEDDS BK1	NPT-2042 SEDDS_BK1	Unknown	BK1		1	75	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS AR	NPT-2042 SEDDS_AR	Unknown	AR		2	75	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS AR	NPT-2042 SEDDS_AR	Unknown	AR		2	76	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS BK2	NPT-2042 SEDDS_BK2	Unknown	BK2		1	76	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS BR	NPT-2042 SEDDS_BR	Unknown	BR		3	75	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS BR	NPT-2042 SEDDS_BR	Unknown	BR		3	76	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS AD	NPT-2042 SEDDS_AD	Unknown	AD		4	75	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS AD	NPT-2042 SEDDS_AD	Unknown	AD		4	76	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS BD	NPT-2042 SEDDS_BD	Unknown	BD		5	75	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS BD	NPT-2042 SEDDS_BD	Unknown	BD		5	76	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS T0	NPT-2042 SEDDS_T0	Unknown	T0		6	75	NPT-2042_1 (544.2 / 347.0)	1
NPT-2042 SEDDS T0	NPT-2042 SEDDS_T0	Unknown	T0		6	76	NPT-2042_1 (544.2 / 347.0)	1
NPT-2054 SEDDS BK1	NPT-2054 SEDDS_BK1	Unknown	BK1		1	87	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS AR	NPT-2054 SEDDS_AR	Unknown	AR		2	87	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS AR	NPT-2054 SEDDS_AR	Unknown	AR		2	88	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS BK2	NPT-2054 SEDDS_BK2	Unknown	BK2		1	88	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS BR	NPT-2054 SEDDS_BR	Unknown	BR		3	87	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS BR	NPT-2054 SEDDS_BR	Unknown	BR		3	88	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS AD	NPT-2054 SEDDS_AD	Unknown	AD		4	87	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS AD	NPT-2054 SEDDS_AD	Unknown	AD		4	88	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS BD	NPT-2054 SEDDS_BD	Unknown	BD		5	87	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS BD	NPT-2054 SEDDS_BD	Unknown	BD		5	88	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS T0	NPT-2054 SEDDS_T0	Unknown	T0		6	87	NPT-2054_1 (434.1 / 346.9)	1
NPT-2054 SEDDS T0	NPT-2054 SEDDS_T0	Unknown	T0		6	88	NPT-2054_1 (434.1 / 346.9)	1

FIGURE 20 (continued)

Label	Area	Height	Retention Time	Actual Concentration	IS Name	IS Area	IS Height	IS Retention Time	Area Ratio	Modified	Used
Digoxin BK1	N/A	N/A	N/A	N/A	lab (327.2 / 176.1)	25722.35763	23990.72593	0.748262336	N/A	FALSE	TRUE
Digoxin AR	229.2324387	157.4849737	0.518094769	N/A	lab (327.2 / 176.1)	26393.75743	23169.03374	0.75248614	0.008685101	FALSE	TRUE
Digoxin AR	278.0899125	208.5807908	0.51860328	N/A	lab (327.2 / 176.1)	25781.86015	23912.85875	0.751403749	0.01082505	FALSE	TRUE
Digoxin BK2	N/A	N/A	N/A	N/A	lab (327.2 / 176.1)	26593.49483	23599.83136	0.754028708	N/A	FALSE	TRUE
Digoxin BR	174859.9595	135141.3557	0.514278088	N/A	lab (327.2 / 176.1)	26780.72443	24429.8201	0.748682972	6.521853431	FALSE	TRUE
Digoxin BR	167936.7709	134000.6535	0.511900971	N/A	lab (327.2 / 176.1)	27111.54067	25498.27683	0.745425482	6.194290947	FALSE	TRUE
Digoxin AD	1247508.496	1247583.346	0.518326538	N/A	lab (327.2 / 176.1)	27897.87164	25513.0699	0.752237094	57.9796379	FALSE	TRUE
Digoxin AD	170054.372	1283098.467	0.5194051	N/A	lab (327.2 / 176.1)	27769.64404	25389.34166	0.75280963	61.21988347	FALSE	TRUE
Digoxin BD	1791352.214	1365700.245	0.510650449	N/A	lab (327.2 / 176.1)	27542.43832	24450.41043	0.7442988237	65.03971046	FALSE	TRUE
Digoxin BD	1821107.502	1395280.043	0.515096835	N/A	lab (327.2 / 176.1)	27107.04304	23449.82912	0.749847784	67.18207881	FALSE	TRUE
Digoxin TO	1803468.6	1371359.758	0.512639731	N/A	lab (327.2 / 176.1)	26427.2493	26587.37517	0.748408967	63.44154445	FALSE	TRUE
Digoxin TO	1815380.866	1381549.219	0.522507701	N/A	lab (327.2 / 176.1)	29080.357	26563.33862	0.756475411	62.42636106	FALSE	TRUE
Metoprolol BK1	N/A	N/A	N/A	N/A	Labelolol (329.2 / 27521.17485)	27514.9214		0.527153317	N/A	FALSE	TRUE
Metoprolol AR	12214.60628	11842.6188	0.505712508	N/A	Labelolol (329.2 / 29647.27875)	29553.30386	29553.30386	0.528536899	0.411997553	FALSE	TRUE
Metoprolol AR	12470.77464	11553.93519	0.504004777	N/A	Labelolol (329.2 / 30133.32574)	29096.37848	29096.37848	0.525354612	0.413853245	FALSE	TRUE
Metoprolol BK2	N/A	N/A	N/A	N/A	Labelolol (329.2 / 29539.41699)	29565.56661	29565.56661	0.527028032	N/A	FALSE	TRUE
Metoprolol BR	18858.5793	16171.35964	0.502673004	N/A	Labelolol (329.2 / 29586.28933)	29758.55622	29758.55622	0.522810942	0.569810533	FALSE	TRUE
Metoprolol BR	17396.62078	17205.94118	0.511163328	N/A	Labelolol (329.2 / 30269.29207)	30274.86494	30274.86494	0.530803325	0.574728366	FALSE	TRUE
Metoprolol AD	75594.95322	72215.48147	0.503533578	N/A	Labelolol (329.2 / 30854.44684)	29143.75834	29143.75834	0.525913147	2.45005051	FALSE	TRUE
Metoprolol AD	75497.42638	72032.57694	0.507056332	N/A	Labelolol (329.2 / 30404.03854)	30805.7896	30805.7896	0.5268662597	2.483138097	FALSE	TRUE
Metoprolol BD	94082.72995	90641.97984	0.513448746	N/A	Labelolol (329.2 / 29586.16532)	29047.21827	29047.21827	0.532756439	3.179956879	FALSE	TRUE
Metoprolol BD	91774.83615	85708.53904	0.508417966	N/A	Labelolol (329.2 / 31442.68273)	31205.73355	31205.73355	0.527960658	2.918797894	FALSE	TRUE
Metoprolol TO	93880.22504	90773.5453	0.508474652	N/A	Labelolol (329.2 / 30087.2795)	29301.56069	29301.56069	0.529192727	3.120263001	FALSE	TRUE
Metoprolol TO	93251.76996	91917.33797	0.505966489	N/A	Labelolol (329.2 / 30491.21218)	30511.24618	30511.24618	0.528602562	3.056316259	FALSE	TRUE
Nadolol BK1	N/A	N/A	N/A	N/A	Labelolol (329.2 / 532379.7626)	629157.794		0.502309263	N/A	FALSE	TRUE
Nadolol AR	427.4681747	476.0966272	0.491764034	N/A	Labelolol (329.2 / 436961.7413)	513086.6627	513086.6627	0.516348634	0.000978274	FALSE	TRUE
Nadolol AR	280.7986873	324.8473498	0.494133898	N/A	Labelolol (329.2 / 429756.8558)	493322.9258	493322.9258	0.521088266	0.000653389	FALSE	TRUE
Nadolol BK2	N/A	N/A	N/A	N/A	Labelolol (329.2 / 431424.2486)	487507.4898	487507.4898	0.514806238	N/A	FALSE	TRUE
Nadolol AD	517869.4408	574974.2264	0.490236577	N/A	Labelolol (329.2 / 442400.1369)	521033.8295	521033.8295	0.516043112	1.170590598	FALSE	TRUE
Nadolol AD	500182.7788	554628.9064	0.493401933	N/A	Labelolol (329.2 / 440146.8387)	519453.7386	519453.7386	0.51909434	1.136399798	FALSE	TRUE
Nadolol TO	587229.3609	626879.3187	0.504184209	N/A	Labelolol (329.2 / 466790.4125)	529914.8803	529914.8803	0.530819473	1.215169262	FALSE	TRUE
Nadolol TO	515495.7586	574025.6194	0.496375438	N/A	Labelolol (329.2 / 442676.8579)	508137.8896	508137.8896	0.521269887	1.164496741	FALSE	TRUE
NPT-2042 BK1	N/A	N/A	N/A	N/A	Tolbutamide (271 / 75440.50783)	96832.07455		0.627253819	N/A	FALSE	TRUE
NPT-2042 AR	N/A	N/A	N/A	N/A	Tolbutamide (271 / 72655.40976)	90452.86977	90452.86977	0.631659306	N/A	FALSE	TRUE
NPT-2042 AR	N/A	N/A	N/A	N/A	Tolbutamide (271 / 77488.68408)	97510.8348	97510.8348	0.631908559	N/A	FALSE	TRUE
NPT-2042 BK2	N/A	N/A	N/A	N/A	Tolbutamide (271 / 75678.28306)	97615.77043	97615.77043	0.630933229	N/A	FALSE	TRUE
NPT-2042 BR	53.79006196	64.21127069	0.791302359	N/A	Tolbutamide (271 / 78623.12952)	101290.3343	101290.3343	0.632881203	0.000684151	FALSE	TRUE
NPT-2042 BR	67.43077563	95.67388241	0.792345634	N/A	Tolbutamide (271 / 75701.23731)	94168.99032	94168.99032	0.632178781	0.000880749	FALSE	TRUE
NPT-2042 AD	819.6159491	927.9876746	0.783312474	N/A	Tolbutamide (271 / 74971.54586)	96233.87451	96233.87451	0.624420582	0.01093236	FALSE	TRUE
NPT-2042 AD	980.4356363	1247.823291	0.789706137	N/A	Tolbutamide (271 / 80139.07153)	104167.0791	104167.0791	0.630903272	0.012234178	FALSE	TRUE
NPT-2042 BD	4551.992526	5113.120415	0.788989826	N/A	Tolbutamide (271 / 82251.64184)	105102.9221	105102.9221	0.628655043	0.05534227	FALSE	TRUE
NPT-2042 BD	6006.961502	7173.581295	0.783855144	N/A	Tolbutamide (271 / 79581.8564)	98765.58391	98765.58391	0.623427216	0.075481545	FALSE	TRUE
NPT-2042 TO	17645.67363	20056.37838	0.790680722	N/A	Tolbutamide (271 / 81761.01472)	105313.2125	105313.2125	0.631294555	0.21582014	FALSE	TRUE

FIGURE 20 (continued)

Label	Area	Height	Retention Time	Actual Concentration	IS Name	IS Area	IS Height	IS Retention Time	Area Ratio	Modified	Used
NPT-2042 T0	23587.16639	27610.4517	0.785787083	N/A	Tolbutamide (271	77828.01011	96871.51611	0.628958262	0.303067833	FALSE	TRUE
NPT-2054 BK1	N/A	N/A	N/A	N/A	Tolbutamide (271	81241.37178	94855.54366	0.63107911	N/A	FALSE	TRUE
NPT-2054 AR	1814.144704	1681.237443	0.638941819	N/A	Tolbutamide (271	86290.47524	101680.6917	0.627305861	0.018705943	FALSE	TRUE
NPT-2054 AR	1308.435199	1455.366388	0.631806155	N/A	Tolbutamide (271	79248.93117	92462.90402	0.623210688	0.016510446	FALSE	TRUE
NPT-2054 BK2	N/A	N/A	N/A	N/A	Tolbutamide (271	73421.76182	82442.5639	0.624354043	N/A	FALSE	TRUE
NPT-2054 BR	73724.75732	82791.12599	0.637801535	N/A	Tolbutamide (271	86190.69748	100954.6235	0.629337547	0.835969773	FALSE	TRUE
NPT-2054 BR	75193.30745	85639.19258	0.634823053	N/A	Tolbutamide (271	85629.79705	100629.0377	0.625998849	0.878120818	FALSE	TRUE
NPT-2054 AD	273517.9402	307096.7114	0.639036489	N/A	Tolbutamide (271	84864.37346	100752.9035	0.63013839	3.22300076	FALSE	TRUE
NPT-2054 AD	250330.4346	277633.6613	0.635689578	N/A	Tolbutamide (271	83631.55584	97299.23793	0.628468656	2.993253356	FALSE	TRUE
NPT-2054 BD	285183.2114	301351.4239	0.635102816	N/A	Tolbutamide (271	78055.95296	87801.82575	0.628422291	3.397347689	FALSE	TRUE
NPT-2054 BD	282702.7672	304256.7766	0.637779922	N/A	Tolbutamide (271	81765.74148	92864.13466	0.629698553	3.212870848	FALSE	TRUE
NPT-2054 T0	296531.5856	328601.7452	0.632165626	N/A	Tolbutamide (271	82928.7076	97411.55372	0.623207872	3.57574107	FALSE	TRUE
NPT-2054 T0	280976.2969	313051.0548	0.63582071	N/A	Tolbutamide (271	78534.00031	92623.07587	0.628589987	3.577766265	FALSE	TRUE
NPT-2042 SEDDS BK1	N/A	N/A	N/A	N/A	Tolbutamide (271	76795.74743	99559.24369	0.624445422	N/A	FALSE	TRUE
NPT-2042 SEDDS AR	181.2102247	174.3353793	0.788623403	N/A	Tolbutamide (271	76194.10997	99726.6637	0.630238927	0.002115783	FALSE	TRUE
NPT-2042 SEDDS AR	N/A	N/A	N/A	N/A	Tolbutamide (271	75458.75239	93384.40856	0.629627952	N/A	FALSE	TRUE
NPT-2042 SEDDS BK2	N/A	N/A	N/A	N/A	Tolbutamide (271	75569.20383	96013.54955	0.627987746	N/A	FALSE	TRUE
NPT-2042 SEDDS BR	189.0075684	196.5328816	0.788796814	N/A	Tolbutamide (271	79886.20774	103415.7087	0.628232775	0.00236596	FALSE	TRUE
NPT-2042 SEDDS BR	209.6750679	220.8929658	0.783885239	N/A	Tolbutamide (271	80622.60809	105501.1661	0.62562668	0.002600698	FALSE	TRUE
NPT-2042 SEDDS AD	70971.43294	79056.52785	0.790759934	N/A	Tolbutamide (271	78987.6247	99377.332	0.631769974	0.89851332	FALSE	TRUE
NPT-2042 SEDDS AD	78532.73136	93868.54176	0.782563406	N/A	Tolbutamide (271	80128.13498	99426.64704	0.6231367	0.990089345	FALSE	TRUE
NPT-2042 SEDDS BD	107551.2346	123162.0914	0.788661476	N/A	Tolbutamide (271	76025.73999	95307.93371	0.630586386	1.414668697	FALSE	TRUE
NPT-2042 SEDDS BD	110225.6845	1271684.032	0.784297635	N/A	Tolbutamide (271	79856.81112	101961.7985	0.626763794	1.380291587	FALSE	TRUE
NPT-2042 SEDDS T0	139381.6138	162398.0417	0.789984502	N/A	Tolbutamide (271	83926.78224	112053.6759	0.630547119	1.680752504	FALSE	TRUE
NPT-2042 SEDDS T0	132170.5804	149809.0032	0.7906111	N/A	Tolbutamide (271	83593.60061	111322.2809	0.630363967	1.581108834	FALSE	TRUE
NPT-2054 SEDDS BK1	N/A	N/A	N/A	N/A	Tolbutamide (271	74366.49446	83967.18395	0.629740797	N/A	FALSE	TRUE
NPT-2054 SEDDS AR	1575.881782	1740.16645	0.63999444	N/A	Tolbutamide (271	85782.98087	100767.2606	0.630892674	0.018370564	FALSE	TRUE
NPT-2054 SEDDS AR	1555.653296	1852.465033	0.631956807	N/A	Tolbutamide (271	81707.77923	95838.92892	0.623038212	0.019039231	FALSE	TRUE
NPT-2054 SEDDS BK2	N/A	N/A	N/A	N/A	Tolbutamide (271	81945.52629	97599.26994	0.622988213	N/A	FALSE	TRUE
NPT-2054 SEDDS BR	72809.92205	84072.72058	0.637505614	N/A	Tolbutamide (271	89695.56596	103157.85	0.628242474	0.811744762	FALSE	TRUE
NPT-2054 SEDDS BR	72346.86468	81191.57898	0.634818008	N/A	Tolbutamide (271	74072.57967	85535.42271	0.626279301	0.976702378	FALSE	TRUE
NPT-2054 SEDDS AD	283162.3345	321752.6483	0.635323013	N/A	Tolbutamide (271	84363.22581	99833.99976	0.628536063	3.356466419	FALSE	TRUE
NPT-2054 SEDDS AD	272404.9259	310621.9985	0.638425955	N/A	Tolbutamide (271	82247.84958	93431.29001	0.629701488	3.312000585	FALSE	TRUE
NPT-2054 SEDDS BD	299839.1328	307312.5848	0.633548483	N/A	Tolbutamide (271	83194.8996	94162.1374	0.62437876	3.244660027	FALSE	TRUE
NPT-2054 SEDDS BD	271804.5633	311782.6285	0.638927116	N/A	Tolbutamide (271	84820.42343	100951.6714	0.630291045	3.20447072	FALSE	TRUE
NPT-2054 SEDDS T0	286842.8982	330198.9875	0.638496979	N/A	Tolbutamide (271	85958.62408	101563.4967	0.629890248	3.336988014	FALSE	TRUE
NPT-2054 SEDDS T0	290008.8233	334371.2462	0.637927998	N/A	Tolbutamide (271	82794.61852	95310.44616	0.629600185	3.502749677	FALSE	TRUE

FIGURE 20 (continued)

[illegible]

FIGURE 20 (continued)

[illegible]

FIGURE 20 (continued)

Label	Calculated Conc	Accuracy	Original Filename
NPT-2054 SEDDS T0	<2 points	N/A	D:\Analyst Data\2021-Q1\Projects\000000\2021_11_30_Caco2\Data\404716-2021112401-Caco2-20211130.wiff (sample 47)
NPT-2054 SEDDS T0	<2 points	N/A	D:\Analyst Data\2021-Q1\Projects\000000\2021_11_30_Caco2\Data\404716-2021112401-Caco2-20211130.wiff (sample 48)

FIGURE 20 (continued)

Label	Peak Comment	COMPOUNDID	CONC	CYP	GROUPID	MATRIX	REPLICATE	SUBSTRATE	Peak Comment
Digoxin BK1		Digoxin					1		
Digoxin AR		Digoxin					1		
Digoxin AR		Digoxin					2		
Digoxin BK2		Digoxin					2		
Digoxin BR		Digoxin					1		
Digoxin BR		Digoxin					2		
Digoxin AD		Digoxin					1		
Digoxin AD		Digoxin					2		
Digoxin BD		Digoxin					1		
Digoxin BD		Digoxin					2		
Digoxin T0		Digoxin					1		
Digoxin T0		Digoxin					2		
Metoprolol BK1		Metoprolol					1		
Metoprolol AR		Metoprolol					1		
Metoprolol AR		Metoprolol					2		
Metoprolol BK2		Metoprolol					2		
Metoprolol BR		Metoprolol					1		
Metoprolol BR		Metoprolol					2		
Metoprolol AD		Metoprolol					1		
Metoprolol AD		Metoprolol					2		
Metoprolol BD		Metoprolol					1		
Metoprolol BD		Metoprolol					2		
Metoprolol T0		Metoprolol					1		
Metoprolol T0		Metoprolol					2		
Nadolol BK1		Nadolol							
Nadolol AR		Nadolol							
Nadolol AR		Nadolol							
Nadolol BK2		Nadolol							
Nadolol AD		Nadolol							
Nadolol AD		Nadolol							
Nadolol T0		Nadolol							
Nadolol T0		Nadolol							

FIGURE 20 (continued)

Label	Peak Comment	COMPOUNDID	CONC	CYP	GROUPID	MATRIX	REPLICATE	SUBSTRATE	Peak Comment
NPT-2042 BK1		NPT-2042					1		
NPT-2042 AR		NPT-2042					1		
NPT-2042 AR		NPT-2042					2		
NPT-2042 BK2		NPT-2042					2		
NPT-2042 BR		NPT-2042					1		
NPT-2042 BR		NPT-2042					2		
NPT-2042 AD		NPT-2042					1		
NPT-2042 AD		NPT-2042					2		
NPT-2042 BD		NPT-2042					1		
NPT-2042 BD		NPT-2042					2		
NPT-2042 T0		NPT-2042					1		
NPT-2042 T0		NPT-2042					2		
NPT-2054 BK1		NPT-2054					1		
NPT-2054 AR		NPT-2054					1		
NPT-2054 AR		NPT-2054					2		
NPT-2054 BK2		NPT-2054					2		
NPT-2054 BR		NPT-2054					1		
NPT-2054 BR		NPT-2054					2		
NPT-2054 AD		NPT-2054					1		
NPT-2054 AD		NPT-2054					2		
NPT-2054 BD		NPT-2054					1		
NPT-2054 BD		NPT-2054					2		
NPT-2054 T0		NPT-2054					1		
NPT-2054 T0		NPT-2054					2		
NPT-2042 SEDDS BK1		NPT-2042 SEDDS					1		
NPT-2042 SEDDS AR		NPT-2042 SEDDS					1		
NPT-2042 SEDDS AR		NPT-2042 SEDDS					2		
NPT-2042 SEDDS BK2		NPT-2042 SEDDS					2		
NPT-2042 SEDDS BR		NPT-2042 SEDDS					1		
NPT-2042 SEDDS BR		NPT-2042 SEDDS					2		
NPT-2042 SEDDS AD		NPT-2042 SEDDS					1		

FIGURE 20 (continued)

Label	Peak Comment	COMPOUNDID	CONC	CYP	GROUPID	MATRIX	REPLICATE	SUBSTRATE	Peak Comment
NPT-2042 SEDDS AD		NPT-2042 SEDDS					2		
NPT-2042 SEDDS BD		NPT-2042 SEDDS					1		
NPT-2042 SEDDS BD		NPT-2042 SEDDS					2		
NPT-2042 SEDDS T0		NPT-2042 SEDDS					1		
NPT-2042 SEDDS T0		NPT-2042 SEDDS					2		
NPT-2054 SEDDS BK1		NPT-2054 SEDDS					1		
NPT-2054 SEDDS AR		NPT-2054 SEDDS					1		
NPT-2054 SEDDS AR		NPT-2054 SEDDS					2		
NPT-2054 SEDDS BK2		NPT-2054 SEDDS					2		
NPT-2054 SEDDS BR		NPT-2054 SEDDS					1		
NPT-2054 SEDDS BR		NPT-2054 SEDDS					2		
NPT-2054 SEDDS AD		NPT-2054 SEDDS					1		
NPT-2054 SEDDS AD		NPT-2054 SEDDS					2		
NPT-2054 SEDDS BD		NPT-2054 SEDDS					1		
NPT-2054 SEDDS BD		NPT-2054 SEDDS					2		
NPT-2054 SEDDS T0		NPT-2054 SEDDS					1		
NPT-2054 SEDDS T0		NPT-2054 SEDDS					2		

FIGURE 20 (continued)

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E			0.0	0.0								
F			0.0	0.0								
G			0.0	<0.0*								
H			<0.0*	<0.0*			<0.0*	<0.0*				

%Lucifer Yellow

Note: *The RFU values in these receiver wells were less than that in blank well, so <0.0 was presented as the %Lucifer Yellow values of these test wells instead.

Raw Data

Donor solution
Transporter Buffer 60 μ L
Sample 20 μ L
Dilution Factor 4

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E			26845	27450								
F			29099	27007								
G			27107	27545								
H			28086	26781			26887	26888				

Origin Read

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E			115379	109799								
F			116395	108027								
G			108427	110179								
H			112343	107123			107547	107551				

(Origin read-Blank)
Dilution Factor

Basolateral (Acceptor Well)
Transporter Buffer 0 μ L
Sample 80 μ L
Dilution Factor 1

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E			2	6								
F			5	15								
G			5	0								
H			0	0			0	0				

Origin Read

FIGURE 21 (continued)

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
(Origin read-Blank)x												
Dilution Factor			2	6								
E			5	15								
F			5	(3)								
G			(3)	(3)			(3)	(3)				
H												

FIGURE 21 (continued)

Figure 22A

Calculation

Assay Date: Dec.17.2021 Volume of Apical Well (mL) 0.075

Seeding Date: Nov.24.2021 Volume of Basolateral Well (mL) 0.25

Culture Time: 24 days Area of Transport (cm²) 0.0804

Plate: PET-96, 1 µm Incubation Time (hour) 2.00

Passage No.: 44

Serial Number	Compound ID	Sample Name	Dilution Factor	Analyte Peak Area (counts)	IS Peak Area (counts)	Peak Area Ratio	P _{app} (10 ⁻⁶ cm/s)	Mean P _{app} (10 ⁻⁶ cm/s)	Efflux Ratio	%Solution Recovery	Mean %Solution Recovery	Note
PC1	Nadolol	Nadolol A>B receiver	1	4.31E+01	3.92E+04	1.10E-03	0.0320	0.0518		102.6	98.5	
		Nadolol A>B receiver	1	9.91E+01	3.95E+04	2.51E-03	0.0715			94.4		
		Nadolol A>B donor	3	1.97E+05	3.88E+04	1.52E+01						
		Nadolol A>B donor	3	2.05E+05	4.31E+04	1.43E+01						
		Nadolol T0	3	2.03E+05	4.11E+04	1.48E+01						
		Nadolol T0	3	2.07E+05	4.09E+04	1.51E+01						
PC2	Metoprolol	Metoprolol A>B receiver	1	9.85E+03	3.01E+04	3.27E-01	15.4	15.5		90.5	95.7	
		Metoprolol A>B receiver	1	1.34E+04	4.39E+04	3.05E-01	15.6			100.9		
		Metoprolol A>B donor	3	1.21E+05	5.07E+04	7.19E+00						
		Metoprolol A>B donor	3	1.24E+05	4.95E+04	7.52E+00						
		Metoprolol T0	3	1.51E+05	4.94E+04	9.14E+00						
		Metoprolol T0	3	1.46E+05	5.16E+04	8.46E+00						
PC3	Digoxin	Digoxin A>B receiver	1	2.37E+02	4.57E+05	5.20E-04	0.0147	0.0154	800	99.1	97.4	
		Digoxin A>B receiver	1	2.87E+02	4.86E+05	5.91E-04	0.0161			95.7		
		Digoxin B>A receiver	3	2.43E+05	4.96E+05	1.47E+00	12.4	12.3		107.3	103.4	
		Digoxin B>A receiver	3	2.57E+05	5.16E+05	1.49E+00	12.2			99.5		
		Digoxin A>B donor	3	2.59E+06	5.12E+05	1.52E+01						
		Digoxin A>B donor	3	2.53E+06	5.00E+05	1.52E+01						
		Digoxin B>A donor	3	2.64E+06	4.95E+05	1.60E+01						
		Digoxin B>A donor	3	2.66E+06	5.20E+05	1.53E+01						
		Digoxin T0	3	2.59E+06	5.07E+05	1.53E+01						
		Digoxin T0	3	2.70E+06	5.12E+05	1.58E+01						
CPD1	NPT 2066	NPT 2066 A>B receiver	1	1.14E+02	4.13E+05	2.75E-04	1.07	1.33	31.6	74.8	77.4	
		NPT 2066 A>B receiver	1	1.60E+02	5.59E+05	2.86E-04	1.59			79.9		
		NPT 2066 B>A receiver	3	6.83E+03	5.41E+05	3.79E-02	44.2	42.0		88.1	88.5	
		NPT 2066 B>A receiver	3	4.46E+03	5.62E+05	2.38E-02	39.8			89.0		
		NPT 2066 A>B donor	3	1.43E+04	5.24E+05	8.21E-02						
		NPT 2066 A>B donor	3	1.11E+04	5.46E+05	6.10E-02						
		NPT 2066 B>A donor	3	1.50E+04	5.21E+05	8.64E-02						

Figure 22A (continued)

CPD2	NPT 2066 SEDDS	NPT 2066 B>A donor	3	1.12E+04	5.43E+05	6.19E-02						
		NPT 2066 T0	3	1.94E+04	5.26E+05	1.11E-01						
		NPT 2066 T0	3	1.39E+04	5.36E+05	7.76E-02						
		NPT 2066 SEDDS A>B receiver	1	4.66E+03	1.97E+05	2.37E-02	1.59	1.48	21.6	85.5	79.3	
		NPT 2066 SEDDS A>B receiver	1	4.25E+03	2.01E+05	2.12E-02	1.37			73.1		
		NPT 2066 SEDDS B>A receiver	3	1.03E+05	1.98E+05	1.56E+00	31.4	32.0		94.3	90.2	
		NPT 2066 SEDDS B>A receiver	3	1.05E+05	1.88E+05	1.67E+00	32.6			86.0		
		NPT 2066 SEDDS A>B donor	3	3.17E+05	1.75E+05	5.44E+00						
		NPT 2066 SEDDS A>B donor	3	2.86E+05	1.79E+05	4.79E+00						
		NPT 2066 SEDDS B>A donor	3	3.60E+05	1.92E+05	5.62E+00						
		NPT 2066 SEDDS B>A donor	3	3.13E+05	1.80E+05	5.22E+00						
		NPT 2066 SEDDS T0	3	3.94E+05	1.83E+05	6.45E+00						
		NPT 2066 SEDDS T0	3	3.86E+05	1.74E+05	6.65E+00						
		NPT 2066 SEDDS T0	3									

FIGURE 22B

Label	Sample Name	Sample Type	Sample ID	Sample Comment	Rack Number	Vial Number	Component Name	Dilution Factor	Area	Height
Metoprolol BK1	Metoprolol_BK1	Unknown	BK1	0	13	353	Metoprolol (268.3 / 116.1)	1	N/A	N/A
Metoprolol AR	Metoprolol_AR	Unknown	AR	0	13	354	Metoprolol (268.3 / 116.1)	1	9849.059856	8635.469773
Metoprolol AR	Metoprolol_AR	Unknown	AR	0	13	356	Metoprolol (268.3 / 116.1)	1	13379.82449	12089.46886
Metoprolol BK2	Metoprolol_BK2	Unknown	BK2	0	13	355	Metoprolol (268.3 / 116.1)	1	N/A	N/A
Metoprolol BR	Metoprolol_BR	Unknown	BR	0	13	377	Metoprolol (268.3 / 116.1)	1	19651.84197	17308.82523
Metoprolol BR	Metoprolol_BR	Unknown	BR	0	13	379	Metoprolol (268.3 / 116.1)	1	24011.2986	21816.56236
Metoprolol AD	Metoprolol_AD	Unknown	AD	0	14	354	Metoprolol (268.3 / 116.1)	1	121482.4453	107934.3042
Metoprolol AD	Metoprolol_AD	Unknown	AD	0	14	356	Metoprolol (268.3 / 116.1)	1	124001.4773	109912.623
Metoprolol BD	Metoprolol_BD	Unknown	BD	0	14	377	Metoprolol (268.3 / 116.1)	1	149620.2718	130499.8424
Metoprolol BD	Metoprolol_BD	Unknown	BD	0	14	379	Metoprolol (268.3 / 116.1)	1	150030.7078	133855.1774
Metoprolol T0	Metoprolol_T0	Unknown	T0	0	14	378	Metoprolol (268.3 / 116.1)	1	150575.4857	135050.8637
Metoprolol T0	Metoprolol_T0	Unknown	T0	0	14	380	Metoprolol (268.3 / 116.1)	1	145539.6895	126995.4037
Nadolol BK1	Nadolol_BK1	Unknown	BK1	0	13	357	Nadolol (310.3 / 254.0)	1	N/A	N/A
Nadolol AR	Nadolol_AR	Unknown	AR	0	13	358	Nadolol (310.3 / 254.0)	1	43.13587342	54.07384137
Nadolol AR	Nadolol_AR	Unknown	AR	0	13	360	Nadolol (310.3 / 254.0)	1	99.10502344	90.82922749
Nadolol BK2	Nadolol_BK2	Unknown	BK2	0	13	359	Nadolol (310.3 / 254.0)	1	N/A	N/A
Nadolol BR	Nadolol_BR	Unknown	BR	0	13	381	Nadolol (310.3 / 254.0)	1	1229.552527	1218.257888
Nadolol BR	Nadolol_BR	Unknown	BR	0	13	383	Nadolol (310.3 / 254.0)	1	1329.928169	1289.631136
Nadolol AD	Nadolol_AD	Unknown	AD	0	14	358	Nadolol (310.3 / 254.0)	1	197013.6619	195246.5651
Nadolol AD	Nadolol_AD	Unknown	AD	0	14	360	Nadolol (310.3 / 254.0)	1	205332.3294	202919.7877
Nadolol BD	Nadolol_BD	Unknown	BD	0	14	381	Nadolol (310.3 / 254.0)	1	21804.78029	20644.8261
Nadolol BD	Nadolol_BD	Unknown	BD	0	14	383	Nadolol (310.3 / 254.0)	1	221534.6832	219879.3588
Nadolol T0	Nadolol_T0	Unknown	T0	0	14	382	Nadolol (310.3 / 254.0)	1	203482.7121	189992.7333
Nadolol T0	Nadolol_T0	Unknown	T0	0	14	384	Nadolol (310.3 / 254.0)	1	206528.354	199569.853
Digoxin BK1	Digoxin_BK1	Unknown	BK1		4	1	Digoxin (825.6 / 779.6)	1	N/A	N/A
Digoxin AR	Digoxin_AR	Unknown	AR		4	3	Digoxin (825.6 / 779.6)	1	237.4096695	229.4478823
Digoxin AR	Digoxin_AR	Unknown	AR		4	4	Digoxin (825.6 / 779.6)	1	287.2568077	233.557841
Digoxin BK2	Digoxin_BK2	Unknown	BK2		4	2	Digoxin (825.6 / 779.6)	1	N/A	N/A
Digoxin BR	Digoxin_BR	Unknown	BR		4	5	Digoxin (825.6 / 779.6)	1	242695.8705	181648.5595
Digoxin BR	Digoxin_BR	Unknown	BR		4	6	Digoxin (825.6 / 779.6)	1	256671.3378	194103.8761
Digoxin AD	Digoxin_AD	Unknown	AD		4	7	Digoxin (825.6 / 779.6)	1	2586358.894	1820807.342
Digoxin AD	Digoxin_AD	Unknown	AD		4	8	Digoxin (825.6 / 779.6)	1	2529546.465	1794166.199
Digoxin BD	Digoxin_BD	Unknown	BD		4	9	Digoxin (825.6 / 779.6)	1	2635807.736	1870910.583
Digoxin BD	Digoxin_BD	Unknown	BD		4	10	Digoxin (825.6 / 779.6)	1	2655772.672	1890431.134
Digoxin T0	Digoxin_T0	Unknown	T0		4	11	Digoxin (825.6 / 779.6)	1	2587803.659	1825053.626
Digoxin T0	Digoxin_T0	Unknown	T0		4	12	Digoxin (825.6 / 779.6)	1	2703521.897	1937420.535
NPT 2066 SEDDS BK1	NPT 2066 SEDDS_BK1	Unknown	BK1	0	13	209	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	N/A	N/A
NPT 2066 SEDDS AR	NPT 2066 SEDDS_AR	Unknown	AR	0	13	210	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	4662.970124	4537.454993
NPT 2066 SEDDS AR	NPT 2066 SEDDS_AR	Unknown	AR	0	13	212	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	4252.499275	4351.272663

FIGURE 22B (continued)

Label	Sample Name	Sample Type	Sample ID	Sample Comment	Rack Number	Vial Number	Component Name	Dilution Factor	Area	Height
NPT 2066 SEDDS BK2	NPT 2066 SEDDS_BK2	Unknown	BK2	0	13	211	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	N/A	N/A
NPT 2066 SEDDS BR	NPT 2066 SEDDS_BR	Unknown	BR	0	13	233	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	103279.9631	100605.0431
NPT 2066 SEDDS BR	NPT 2066 SEDDS_BR	Unknown	BR	0	13	235	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	104677.8736	99914.4429
NPT 2066 SEDDS AD	NPT 2066 SEDDS_AD	Unknown	AD	0	14	210	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	316779.7226	313140.6627
NPT 2066 SEDDS AD	NPT 2066 SEDDS_AD	Unknown	AD	0	14	212	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	286310.4995	270028.9918
NPT 2066 SEDDS BD	NPT 2066 SEDDS_BD	Unknown	BD	0	14	233	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	360260.593	347182.8319
NPT 2066 SEDDS BD	NPT 2066 SEDDS_BD	Unknown	BD	0	14	235	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	312836.6358	307847.0004
NPT 2066 SEDDS T0	NPT 2066 SEDDS_T0	Unknown	T0	0	14	234	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	393517.085	383758.3383
NPT 2066 SEDDS T0	NPT 2066 SEDDS_T0	Unknown	T0	0	14	236	NPT 2066 SEDDS_1 (420.1 / 265.9)	1	386088.6513	368279.027
NPT 2066 BK1	NPT 2066_BK1	Unknown	BK1		9	45	NPT 2066_2 (420.1 / 266.0)	1	N/A	N/A
NPT 2066 AR	NPT 2066_AR	Unknown	AR		10	45	NPT 2066_2 (420.1 / 266.0)	1	113.5225568	122.2265812
NPT 2066 AR	NPT 2066_AR	Unknown	AR		10	46	NPT 2066_2 (420.1 / 266.0)	1	159.7462486	176.9276658
NPT 2066 BK2	NPT 2066_BK2	Unknown	BK2		9	46	NPT 2066_2 (420.1 / 266.0)	1	N/A	N/A
NPT 2066 BR	NPT 2066_BR	Unknown	BR		3	45	NPT 2066_2 (420.1 / 266.0)	1	6834.097557	6978.775075
NPT 2066 BR	NPT 2066_BR	Unknown	BR		3	46	NPT 2066_2 (420.1 / 266.0)	1	4464.657199	4286.651639
NPT 2066 AD	NPT 2066_AD	Unknown	AD		6	45	NPT 2066_2 (420.1 / 266.0)	1	14336.55636	13410.9491
NPT 2066 AD	NPT 2066_AD	Unknown	AD		6	46	NPT 2066_2 (420.1 / 266.0)	1	11109.20111	11081.98602
NPT 2066 BD	NPT 2066_BD	Unknown	BD		7	45	NPT 2066_2 (420.1 / 266.0)	1	14992.8169	14560.99892
NPT 2066 BD	NPT 2066_BD	Unknown	BD		7	46	NPT 2066_2 (420.1 / 266.0)	1	11204.63025	11385.16562
NPT 2066 T0	NPT 2066_T0	Unknown	T0		8	45	NPT 2066_2 (420.1 / 266.0)	1	19420.98461	18992.75742
NPT 2066 T0	NPT 2066_T0	Unknown	T0		8	46	NPT 2066_2 (420.1 / 266.0)	1	13869.27945	13586.69915

FIGURE 22B (continued)

Label	Retention Time	Actual Concentration	IS Name	IS Area	IS Height	IS Retention Time	Area Ratio	Modified	Used	Calculated Concentration	Accuracy
Metoprolol BK1	N/A	N/A	Tolbutamide (271.1 / 155.3)	50035.99001	4390.62881	0.666623854	N/A	FALSE	TRUE	N/A	N/A
Metoprolol AR	0.522351518	N/A	Tolbutamide (271.1 / 155.3)	30131.82435	28167.82647	0.675467374	0.3268657	FALSE	TRUE	<2 points	N/A
Metoprolol AR	0.522122973	N/A	Tolbutamide (271.1 / 155.3)	43888.95804	40855.3587	0.675068133	0.304856294	FALSE	TRUE	<2 points	N/A
Metoprolol BK2	N/A	N/A	Tolbutamide (271.1 / 155.3)	45744.67211	41469.80695	0.667572081	N/A	FALSE	TRUE	N/A	N/A
Metoprolol BR	0.525141991	N/A	Tolbutamide (271.1 / 155.3)	38422.44504	38809.40431	0.676019735	0.511487782	FALSE	TRUE	<2 points	N/A
Metoprolol AR	0.519113426	N/A	Tolbutamide (271.1 / 155.3)	50381.30548	45754.0843	0.671168713	0.476591433	FALSE	TRUE	<2 points	N/A
Metoprolol AD	0.516108855	N/A	Tolbutamide (271.1 / 155.3)	50716.72733	48688.78172	0.686672213	2.395313178	FALSE	TRUE	<2 points	N/A
Metoprolol AD	0.516978823	N/A	Tolbutamide (271.1 / 155.3)	49478.38477	44259.41753	0.66974995	2.506174725	FALSE	TRUE	<2 points	N/A
Metoprolol BD	0.517476105	N/A	Tolbutamide (271.1 / 155.3)	50017.96253	45737.91788	0.671651458	2.991330799	FALSE	TRUE	<2 points	N/A
Metoprolol BD	0.514170718	N/A	Tolbutamide (271.1 / 155.3)	51362.08379	46335.15003	0.6697949	2.921040128	FALSE	TRUE	<2 points	N/A
Metoprolol T0	0.516045222	N/A	Tolbutamide (271.1 / 155.3)	49400.48809	45344.6186	0.66909727	3.048056638	FALSE	TRUE	<2 points	N/A
Metoprolol T0	0.516356914	N/A	Tolbutamide (271.1 / 155.3)	51601.47092	48042.11664	0.669693919	2.820456218	FALSE	TRUE	<2 points	N/A
Nadolol BK1	N/A	N/A	Tolbutamide (271.1 / 155.3)	39750.6299	38810.41679	0.647674778	N/A	FALSE	TRUE	N/A	N/A
Nadolol AR	0.497125833	N/A	Tolbutamide (271.1 / 155.3)	39220.37638	37451.48653	0.645072943	0.001099833	FALSE	TRUE	<2 points	N/A
Nadolol AR	0.505774189	N/A	Tolbutamide (271.1 / 155.3)	39522.65998	39276.34673	0.65020641	0.002507549	FALSE	TRUE	<2 points	N/A
Nadolol BK2	N/A	N/A	Tolbutamide (271.1 / 155.3)	41130.27949	38864.65155	0.648258671	N/A	FALSE	TRUE	N/A	N/A
Nadolol BR	0.507655189	N/A	Tolbutamide (271.1 / 155.3)	37201.50282	35656.76585	0.65227883	0.033051152	FALSE	TRUE	<2 points	N/A
Nadolol BR	0.496312284	N/A	Tolbutamide (271.1 / 155.3)	37858.5388	37701.10113	0.643301986	0.035128883	FALSE	TRUE	<2 points	N/A
Nadolol AD	0.49741895	N/A	Tolbutamide (271.1 / 155.3)	38818.0892	36334.95744	0.645604231	5.075305508	FALSE	TRUE	<2 points	N/A
Nadolol AD	0.496995508	N/A	Tolbutamide (271.1 / 155.3)	43121.57307	42842.88152	0.645953653	4.761707766	FALSE	TRUE	<2 points	N/A
Nadolol BD	0.499416544	N/A	Tolbutamide (271.1 / 155.3)	41760.18117	38780.6517	0.648569628	5.221423775	FALSE	TRUE	<2 points	N/A
Nadolol BD	0.497633293	N/A	Tolbutamide (271.1 / 155.3)	42525.71433	41988.55562	0.64604888	5.209428851	FALSE	TRUE	<2 points	N/A
Nadolol T0	0.495325522	N/A	Tolbutamide (271.1 / 155.3)	41142.24282	40245.45868	0.642150798	4.945834236	FALSE	TRUE	<2 points	N/A
Nadolol T0	0.501155283	N/A	Tolbutamide (271.1 / 155.3)	40918.34129	38961.05854	0.64802973	5.047329571	FALSE	TRUE	<2 points	N/A
Digoxin BK1	N/A	N/A	Tolbutamide (269.1 / 170.0)	491567.8329	423598.0634	1.017251172	N/A	FALSE	TRUE	N/A	N/A
Digoxin AR	0.821524647	N/A	Tolbutamide (269.1 / 170.0)	458816.0905	389202.4451	1.017112978	0.000519705	FALSE	TRUE	<2 points	N/A
Digoxin AR	0.828292341	N/A	Tolbutamide (269.1 / 170.0)	486087.4993	407623.5021	1.019317065	0.000590957	FALSE	TRUE	<2 points	N/A
Digoxin BK2	N/A	N/A	Tolbutamide (269.1 / 170.0)	529217.3926	472679.9228	1.016695313	N/A	FALSE	TRUE	N/A	N/A
Digoxin BR	0.825728284	N/A	Tolbutamide (269.1 / 170.0)	496443.9058	425170.4308	1.019365183	0.488868667	FALSE	TRUE	<2 points	N/A
Digoxin BR	0.820084715	N/A	Tolbutamide (269.1 / 170.0)	515500.2136	444429.5648	1.013499914	0.497907335	FALSE	TRUE	<2 points	N/A
Digoxin AD	0.826124299	N/A	Tolbutamide (269.1 / 170.0)	511630.939	442468.9289	1.018707029	5.055126062	FALSE	TRUE	<2 points	N/A
Digoxin AD	0.821903878	N/A	Tolbutamide (269.1 / 170.0)	500494.0296	417935.3905	1.014881651	5.05409918	FALSE	TRUE	<2 points	N/A
Digoxin BD	0.824409703	N/A	Tolbutamide (269.1 / 170.0)	494573.7544	415898.7968	1.017291064	5.329453317	FALSE	TRUE	<2 points	N/A
Digoxin BD	0.824172096	N/A	Tolbutamide (269.1 / 170.0)	520241.9286	444078.6145	1.016512029	5.104880106	FALSE	TRUE	<2 points	N/A
Digoxin T0	0.822962638	N/A	Tolbutamide (269.1 / 170.0)	507243.6827	439815.48	1.015609365	5.101697167	FALSE	TRUE	<2 points	N/A
Digoxin T0	0.829675244	N/A	Tolbutamide (269.1 / 170.0)	511809.4767	452111.4878	1.020384428	5.282281827	FALSE	TRUE	<2 points	N/A
NPT 2066 SEDDS BK1	N/A	N/A	Tolbutamide (271.1 / 155.3)	196571.7119	201980.9627	0.63387767	N/A	FALSE	TRUE	N/A	N/A
NPT 2066 SEDDS AR	0.68916146	N/A	Tolbutamide (271.1 / 155.3)	196902.7077	201970.1067	0.638137818	0.023681595	FALSE	TRUE	<2 points	N/A
NPT 2066 SEDDS AR	0.683855959	N/A	Tolbutamide (271.1 / 155.3)	200989.3294	198264.4109	0.632403942	0.021157836	FALSE	TRUE	<2 points	N/A
NPT 2066 SEDDS BK2	N/A	N/A	Tolbutamide (271.1 / 155.3)	180981.2715	183832.7873	0.630754235	N/A	FALSE	TRUE	N/A	N/A
NPT 2066 SEDDS BR	0.695073346	N/A	Tolbutamide (271.1 / 155.3)	198062.9334	200520.5608	0.6437443	0.521450235	FALSE	TRUE	<2 points	N/A

FIGURE 22B (continued)

Label	Retention Time	Actual Concentration	IS Name	IS Area	IS Height	IS Retention Time	Area Ratio	Modified	Used	Calculated Concentration	Accuracy
NPT 2066 SEDDS BR	0.684633574	N/A	Tolbutamide (271.1 / 155.3)	187984.2067	189988.8064	0.63372531	0.556843979	FALSE	TRUE	<2 points	N/A
NPT 2066 SEDDS AD	0.687410112	N/A	Tolbutamide (271.1 / 155.3)	174806.7822	170780.4263	0.636893451	1.812170664	FALSE	TRUE	<2 points	N/A
NPT 2066 SEDDS AD	0.681428957	N/A	Tolbutamide (271.1 / 155.3)	179447.8258	183107.935	0.630318803	1.595510101	FALSE	TRUE	<2 points	N/A
NPT 2066 SEDDS BD	0.689267512	N/A	Tolbutamide (271.1 / 155.3)	192462.7821	200339.7148	0.638281099	1.871845502	FALSE	TRUE	<2 points	N/A
NPT 2066 SEDDS BD	0.687320736	N/A	Tolbutamide (271.1 / 155.3)	179869.2725	178989.9119	0.638837119	1.739244461	FALSE	TRUE	<2 points	N/A
NPT 2066 SEDDS T0	0.683927363	N/A	Tolbutamide (271.1 / 155.3)	183052.2749	184879.5272	0.633249781	2.149752497	FALSE	TRUE	<2 points	N/A
NPT 2066 SEDDS T0	0.688635481	N/A	Tolbutamide (271.1 / 155.3)	174266.2978	180981.0172	0.638072317	2.215509574	FALSE	TRUE	<2 points	N/A
NPT 2066 BK1	N/A	N/A	Tolbutamide (271.1 / 155.3)	410565.2978	405772.9187	0.637029155	N/A	FALSE	TRUE	N/A	N/A
NPT 2066 AR	0.68834061	N/A	Tolbutamide (271.1 / 155.3)	412781.5687	399022.6803	0.636315493	0.000275018	FALSE	TRUE	<2 points	N/A
NPT 2066 AR	0.684034797	N/A	Tolbutamide (271.1 / 155.3)	558383.1393	559794.2611	0.633160476	0.000285576	FALSE	TRUE	<2 points	N/A
NPT 2066 BK2	N/A	N/A	Tolbutamide (271.1 / 155.3)	551248.6274	563105.6549	0.630279499	N/A	FALSE	TRUE	N/A	N/A
NPT 2066 BR	0.686869515	N/A	Tolbutamide (271.1 / 155.3)	541493.7653	535814.8035	0.636244311	0.012620824	FALSE	TRUE	<2 points	N/A
NPT 2066 BR	0.685633888	N/A	Tolbutamide (271.1 / 155.3)	562471.6064	583267.0261	0.637640541	0.007937569	FALSE	TRUE	<2 points	N/A
NPT 2066 AD	0.681436906	N/A	Tolbutamide (271.1 / 155.3)	524159.888	538049.0023	0.630653122	0.027351495	FALSE	TRUE	<2 points	N/A
NPT 2066 AD	0.688083282	N/A	Tolbutamide (271.1 / 155.3)	546120.8531	542599.2634	0.636088809	0.02034202	FALSE	TRUE	<2 points	N/A
NPT 2066 BD	0.690420677	N/A	Tolbutamide (271.1 / 155.3)	520881.7249	519508.1163	0.639018715	0.028783534	FALSE	TRUE	<2 points	N/A
NPT 2066 BD	0.691420747	N/A	Tolbutamide (271.1 / 155.3)	543165.939	532019.7729	0.640468876	0.020628374	FALSE	TRUE	<2 points	N/A
NPT 2066 T0	0.696652226	N/A	Tolbutamide (271.1 / 155.3)	525551.5595	534728.5309	0.645551213	0.036953529	FALSE	TRUE	<2 points	N/A
NPT 2066 T0	0.69311126	N/A	Tolbutamide (271.1 / 155.3)	536225.0079	546620.8571	0.641681406	0.025864664	FALSE	TRUE	<2 points	N/A

FIGURE 22B (continued)

[illegible]

FIGURE 22B (continued)

Label	Original Filename	Peak Comment
NPT 2066 SEDDS BK1	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 13)	0
NPT 2066 SEDDS AR	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 14)	0
NPT 2066 SEDDS AR	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 15)	0
NPT 2066 SEDDS BK2	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 16)	0
NPT 2066 SEDDS BR	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 17)	0
NPT 2066 SEDDS BR	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 18)	0
NPT 2066 SEDDS AD	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 19)	0
NPT 2066 SEDDS AD	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 20)	0
NPT 2066 SEDDS BD	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 21)	0
NPT 2066 SEDDS BD	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 22)	0
NPT 2066 SEDDS T0	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 23)	0
NPT 2066 SEDDS T0	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\404716-2021121401-Caco2-20211217.wiff (sample 24)	0
NPT 2066 BK1	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 2)	
NPT 2066 AR	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 3)	
NPT 2066 AR	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 4)	
NPT 2066 BK2	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 5)	
NPT 2066 BR	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 6)	
NPT 2066 BR	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 7)	
NPT 2066 AD	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 8)	
NPT 2066 AD	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 9)	
NPT 2066 BD	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 10)	
NPT 2066 BD	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 11)	
NPT 2066 T0	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 12)	
NPT 2066 T0	D:\Analyst Data\2021-Q1\Projects\0000000\2021_12_17_Caco2\Data\RE-404716-2021121401-Caco2-20211217.wiff (sample 13)	

FIGURE 22B (continued)

Label	COMPOUNDID	CONC	CYP	GROUPID	MATRIX	REPLICATE	SUBSTRATE	Peak Comment
Metoprolol BK1	Metoprolol	0	0	0	0	1	0	
Metoprolol AR	Metoprolol	0	0	0	0	1	0	
Metoprolol AR	Metoprolol	0	0	0	0	2	0	
Metoprolol BK2	Metoprolol	0	0	0	0	2	0	
Metoprolol BR	Metoprolol	0	0	0	0	1	0	
Metoprolol BR	Metoprolol	0	0	0	0	2	0	
Metoprolol AD	Metoprolol	0	0	0	0	1	0	
Metoprolol AD	Metoprolol	0	0	0	0	2	0	
Metoprolol BD	Metoprolol	0	0	0	0	1	0	
Metoprolol BD	Metoprolol	0	0	0	0	2	0	
Metoprolol T0	Metoprolol	0	0	0	0	1	0	
Metoprolol T0	Metoprolol	0	0	0	0	2	0	
Nadolol BK1	Nadolol	0	0	0	0	1	0	
Nadolol AR	Nadolol	0	0	0	0	1	0	
Nadolol AR	Nadolol	0	0	0	0	2	0	
Nadolol BK2	Nadolol	0	0	0	0	2	0	
Nadolol BR	Nadolol	0	0	0	0	1	0	
Nadolol BR	Nadolol	0	0	0	0	2	0	
Nadolol AD	Nadolol	0	0	0	0	1	0	
Nadolol AD	Nadolol	0	0	0	0	2	0	
Nadolol BD	Nadolol	0	0	0	0	1	0	
Nadolol BD	Nadolol	0	0	0	0	2	0	
Nadolol T0	Nadolol	0	0	0	0	1	0	
Nadolol T0	Nadolol	0	0	0	0	2	0	
Digoxin BK1	Digoxin					1		
Digoxin AR	Digoxin					1		
Digoxin AR	Digoxin					2		
Digoxin BK2	Digoxin					2		
Digoxin BR	Digoxin					1		
Digoxin BR	Digoxin					2		
Digoxin AD	Digoxin					1		

FIGURE 22B (continued)

Label	COMPOUNDID	CONC	CYP	GROUPID	MATRIX	REPLICATE	SUBSTRATE	Peak Comment
Digoxin AD	Digoxin					2		
Digoxin BD	Digoxin					1		
Digoxin BD	Digoxin					2		
Digoxin T0	Digoxin					1		
Digoxin T0	Digoxin					2		
NPT 2066 SEDDS BK1	NPT 2066 SEDDS	0	0	0	0	1	0	
NPT 2066 SEDDS AR	NPT 2066 SEDDS	0	0	0	0	1	0	
NPT 2066 SEDDS AR	NPT 2066 SEDDS	0	0	0	0	2	0	
NPT 2066 SEDDS BK2	NPT 2066 SEDDS	0	0	0	0	2	0	
NPT 2066 SEDDS BR	NPT 2066 SEDDS	0	0	0	0	1	0	
NPT 2066 SEDDS BR	NPT 2066 SEDDS	0	0	0	0	2	0	
NPT 2066 SEDDS AD	NPT 2066 SEDDS	0	0	0	0	1	0	
NPT 2066 SEDDS AD	NPT 2066 SEDDS	0	0	0	0	2	0	
NPT 2066 SEDDS BD	NPT 2066 SEDDS	0	0	0	0	1	0	
NPT 2066 SEDDS BD	NPT 2066 SEDDS	0	0	0	0	2	0	
NPT 2066 SEDDS T0	NPT 2066 SEDDS	0	0	0	0	1	0	
NPT 2066 SEDDS T0	NPT 2066 SEDDS	0	0	0	0	2	0	
NPT 2066 BK1	NPT 2066					1		
NPT 2066 AR	NPT 2066					1		
NPT 2066 AR	NPT 2066					2		
NPT 2066 BK2	NPT 2066					2		
NPT 2066 BR	NPT 2066					1		
NPT 2066 BR	NPT 2066					2		
NPT 2066 AD	NPT 2066					1		
NPT 2066 AD	NPT 2066					2		
NPT 2066 BD	NPT 2066					1		
NPT 2066 BD	NPT 2066					2		
NPT 2066 T0	NPT 2066					1		
NPT 2066 T0	NPT 2066					2		

Origin Read	D									38309	38544		
	E									37637	36912		
	F												
	G	37547	38130										
	H									37450	35890	36514	37634

(Origin read-Blank)x Dilution Factor		1	2	3	4	5	6	7	8	9	10	11	12
	A												
	B												
	C												
	D									153236	154176		
	E									150548	147648		
	F												
	G	150188	152520										
	H									149800	143560	146056	150536

Origin Read	A												
	B												
	C												
	D									0	0		
	E									0	0		
	F												
	G	0	0										
	H									0	0	0	1

(Origin read-Blank)x Dilution Factor		1	2	3	4	5	6	7	8	9	10	11	12
	A												
	B												
	C												
	D									0	0		
	E									0	0		
	F												
	G	0	0										
	H									0	0	0	1

Blank	0	0	0	0
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Basolateral (Acceptor Well)

Transporter Buffer 0 μL

Sample 80 μL

Dilution Factor 1

FIGURE 22C (continued)

[illegible]

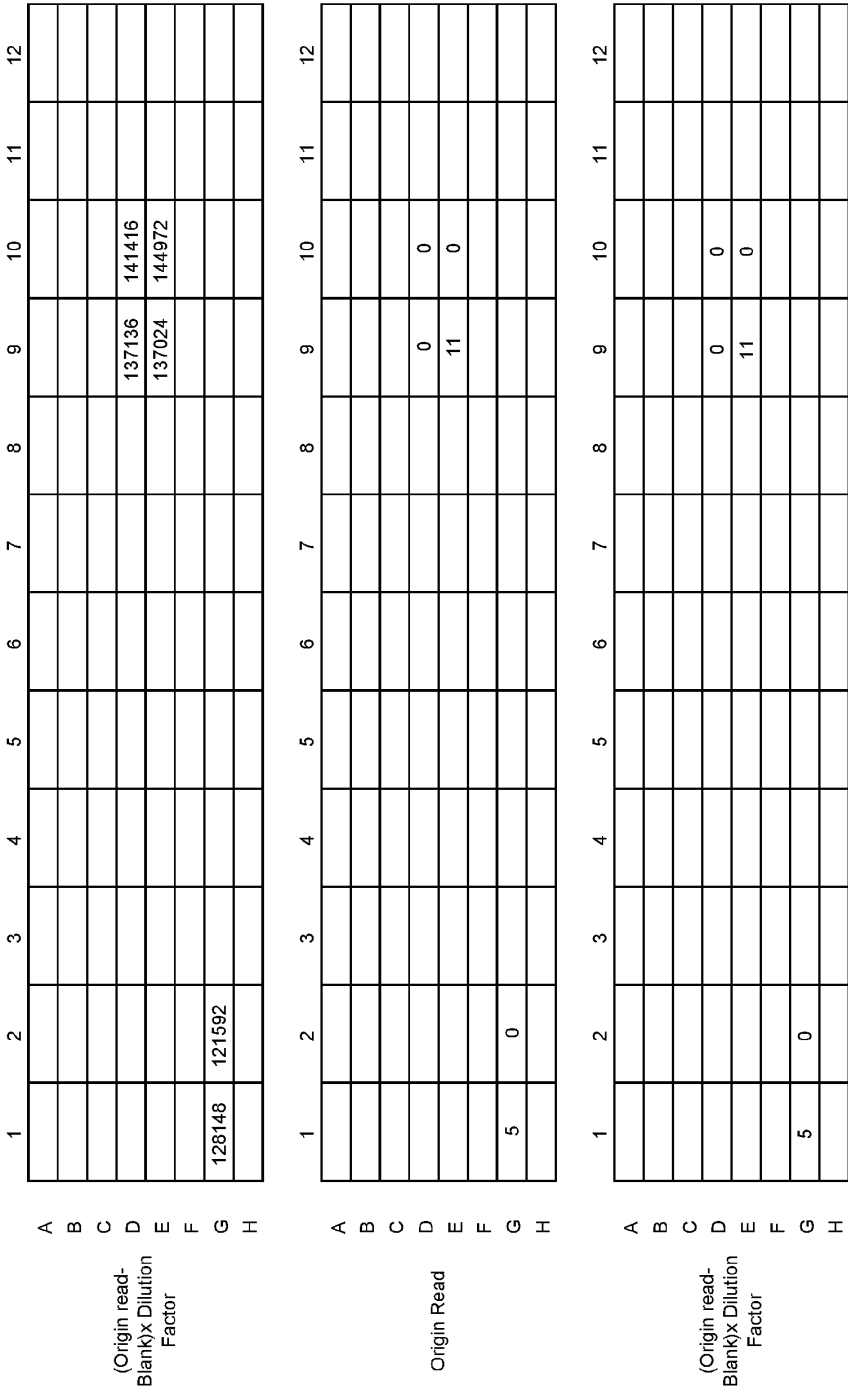


FIGURE 22C (continued)

Figure 23

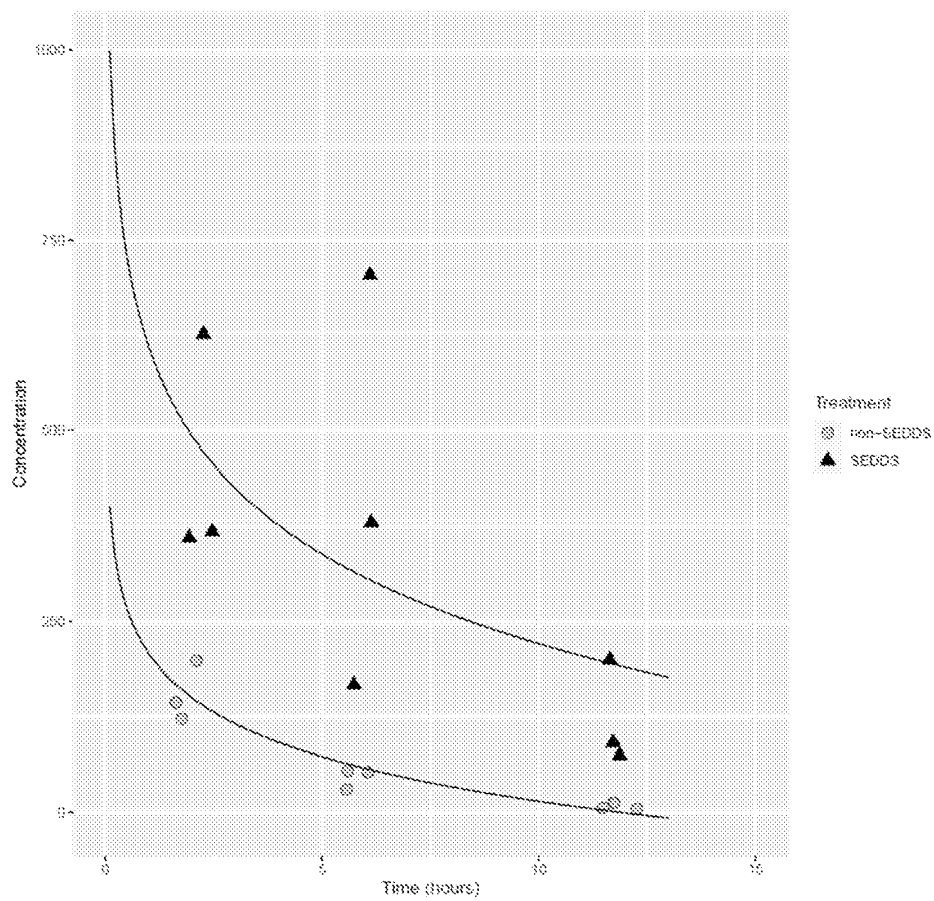


Figure 24

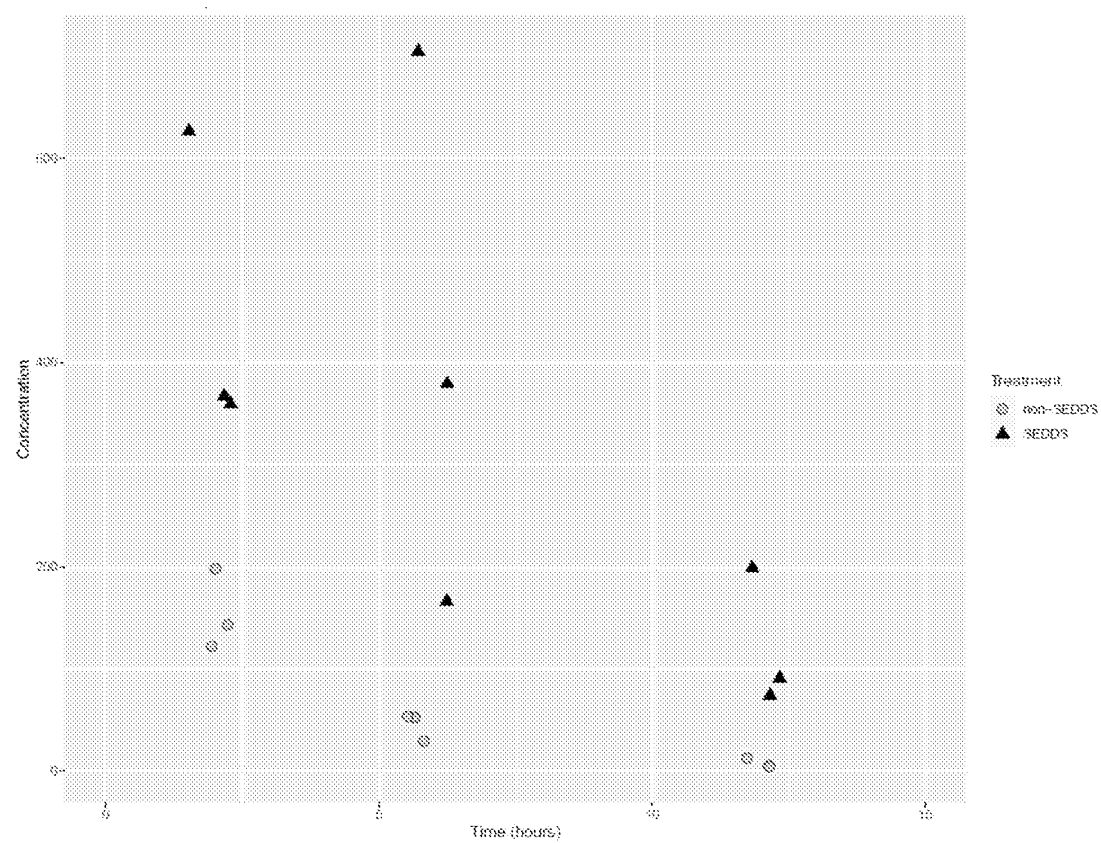


Figure 25

