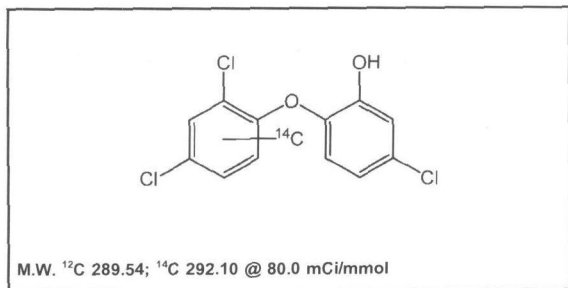




Product Data Sheet

MC-2397

Triclosan, [2,4-dichlorophenyl-¹⁴C(U)]-



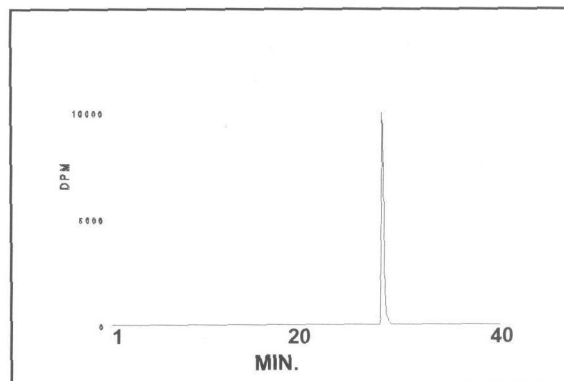
Lot #: 195-020-080-A-20091217-DR

Specific Activity: 80.0 mCi/mmol

Packaged as: Solid

Date of Analysis: December 23, 2009

Radiochemical Purity: 99.9%



HPLC ANALYSIS LOT 195-020-080-A-20091217-DR
File Name: inth1728 Date and Time: 12/23/2009 1:33:03 P
Unit 17 Radio

Peak #	Area %	Time	Area
1	99.97	27.97330	17822.93375
2	0.03	29.32670	4.83960
Totals	100.00		17827.77335

Storage Recommendation: Store at -20°C.

Product Warranty: Stated on the reverse side of this Product Data Sheet.

Caution: Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.

MC-2397

Triclosan, [2,4-dichlorophenyl-¹⁴C(U)]-

Lot 195-020-080-A-20091217-DR

A) All chromatograms were run using the HPLC method described on the Product Data Sheet.

Concentrations and volumes:

Standard solution concentration was 1.0 mg/mL.

Triclosan, [2,4-dichlorophenyl-¹⁴C(U)]- concentration was 81.0 µCi/mL.

Volume of standard alone injection was 5.0 µL.

Volume of **Triclosan, [2,4-dichlorophenyl-¹⁴C(U)]-** alone injection was 2.5 µL.

Co-injection solution consisted of 2.5 µL **Triclosan, [2,4-dichlorophenyl-¹⁴C(U)]-** + 5.0 µL standard.

Volume of co-injection was 7.5 µL.

Volume of blank injection was 2.5 µL.

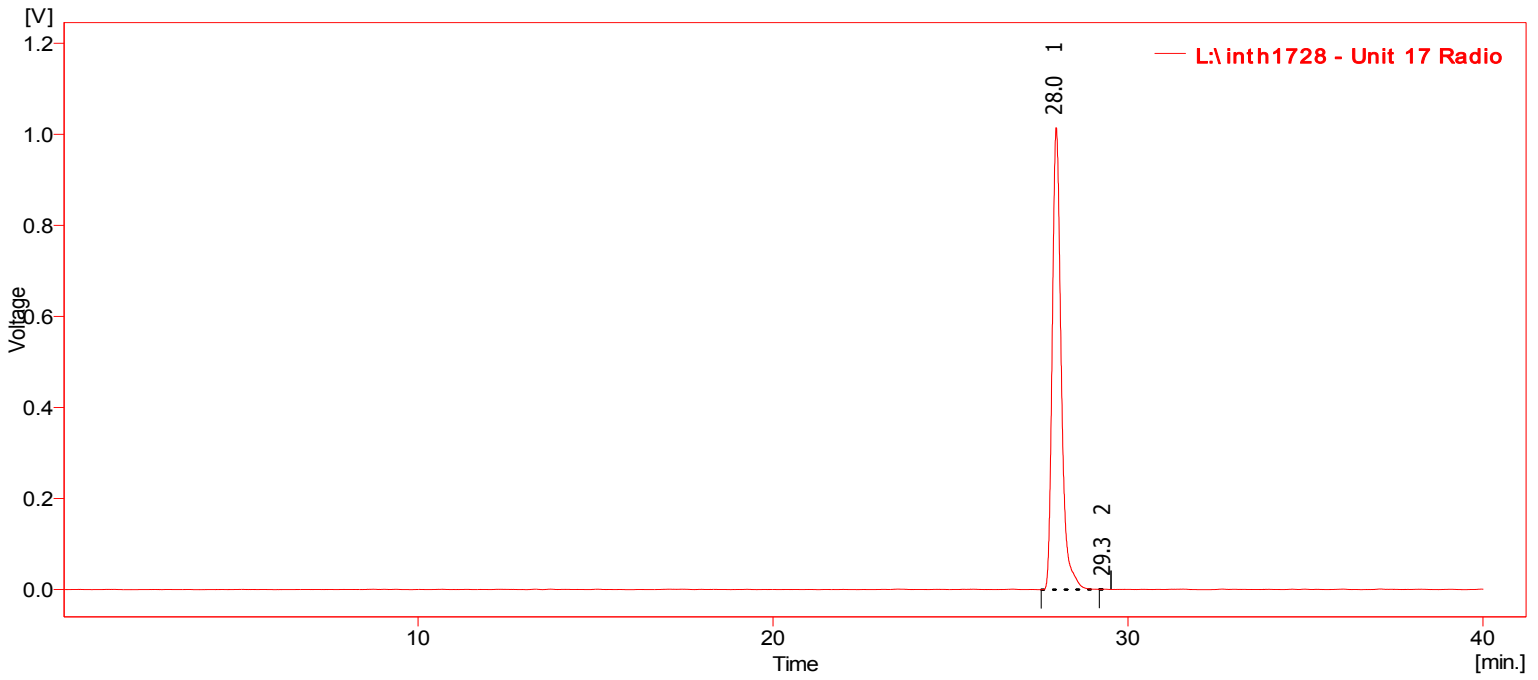
B) Mass spectrometry – Negative mode

C) NMR

MC-2397
Triclosan, [2,4-dichlorophenyl-14C(U)]-
Lot 195-020-080-A-20091217-DR

Chromatogram Info:

File Name	: L:\inth1728	File Created	: 5/23/2014 1:47:31 PM
Origin	: Acquired, Acquisition started 12/23/2009 12:53:04 PM	Acquired Date	: 12/23/2009 1:33:03 PM
Project	: Work1	By	: Administrator
Method	: Unit17_40_min_run	By	: Administrator
Description	: Radiochemical trace of 14C material alone	Modified	: 5/23/2014 1:59 PM
Created	: 8/9/2007 8:59 AM		
Column	:	Detection	: Radiochemical
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\inth1728 - Unit 17 Radio)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/I [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		27.97	17822.934	1015.12	99.97	100.0	0.26	0	0		2.36	
2		29.33	4.840	0.46	0.03	0.0	0.20	191493	3829859	3.47	1.22	
	Total		17827.773	1015.58	100.00	100.0						

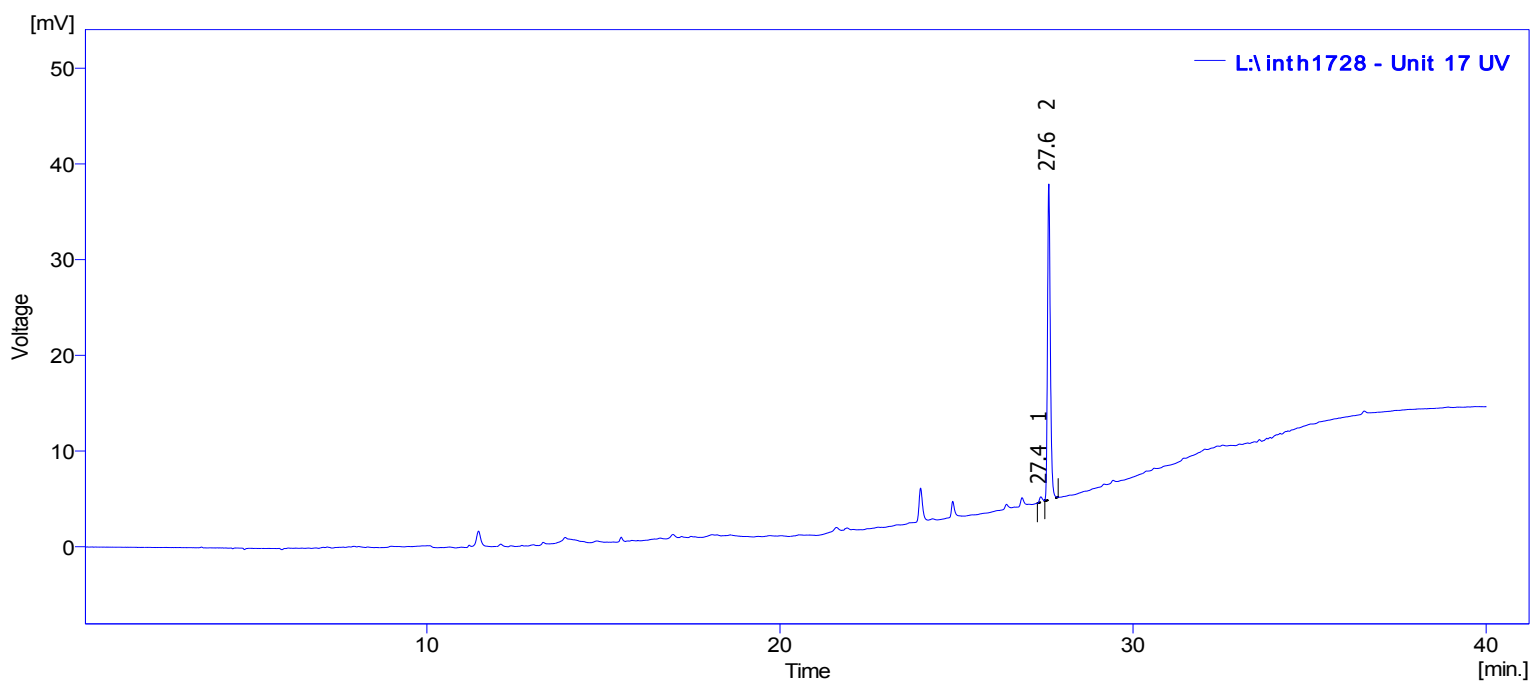
MC-2397
Triclosan, [2,4-dichlorophenyl-14C(U)]-
Lot 195-020-080-A-20091217-DR

Chromatogram Info:

File Name : L:\inth1728 File Created : 5/23/2014 1:47:31 PM
 Origin : Acquired, Acquisition started 12/23/2009 12:53:04 PM Acquired Date : 12/23/2009 1:33:03 PM
 Project : Work1 By : Administrator

Method : Unit17_40_min_run By : Administrator
 Description : UV trace of 14C material alone
 Created : 8/9/2007 8:59 AM Modified : 5/23/2014 2:00 PM

Column : Detection : UV 254nm
 Mobile Phase : Temperature :
 Flow Rate : Pressure :
 Note :



Result Table (Uncal - L:\inth1728 - Unit 17 UV)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/I [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		27.39	3.311	0.56	1.78	1.7	0.10	502115	10042305		1.16	
2		27.61	183.164	33.02	98.22	98.3	0.09	449394	8987875	1.41	1.23	
	Total		186.475	33.58	100.00	100.0						

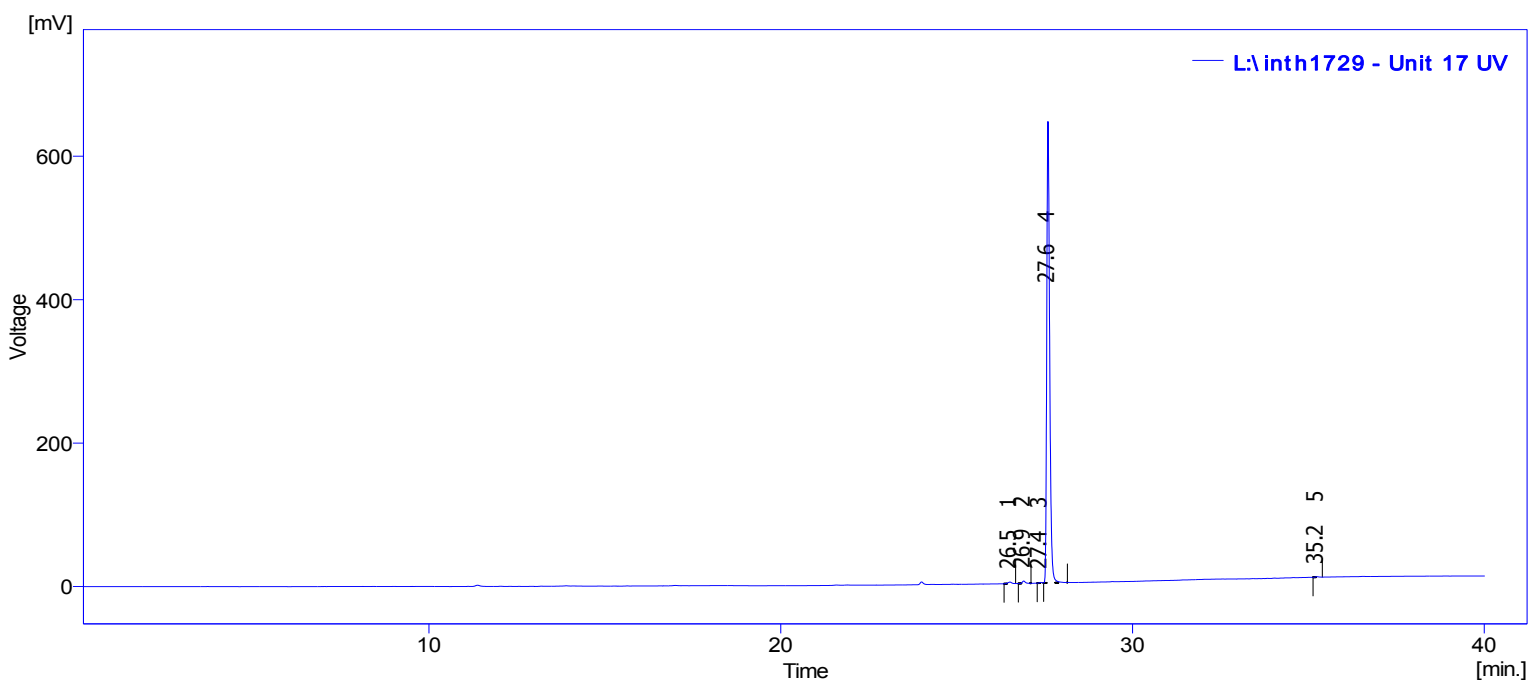
MC-2397
Triclosan, [2,4-dichlorophenyl-14C(U)]-
Lot 195-020-080-A-20091217-DR

Chromatogram Info:

File Name : L:\inth1729 File Created : 5/23/2014 1:47:32 PM
 Origin : Acquired, Acquisition started 12/23/2009 1:44:45 PM Acquired Date : 12/23/2009 2:24:44 PM
 Project : Work1 By : Administrator

Method : Unit17_40_min_run By : Administrator
 Description : UV trace of standard alone
 Created : 8/9/2007 8:59 AM Modified : 5/23/2014 1:59 PM

Column : Detection : UV 254nm
 Mobile Phase : Temperature :
 Flow Rate : Pressure :
 Note :



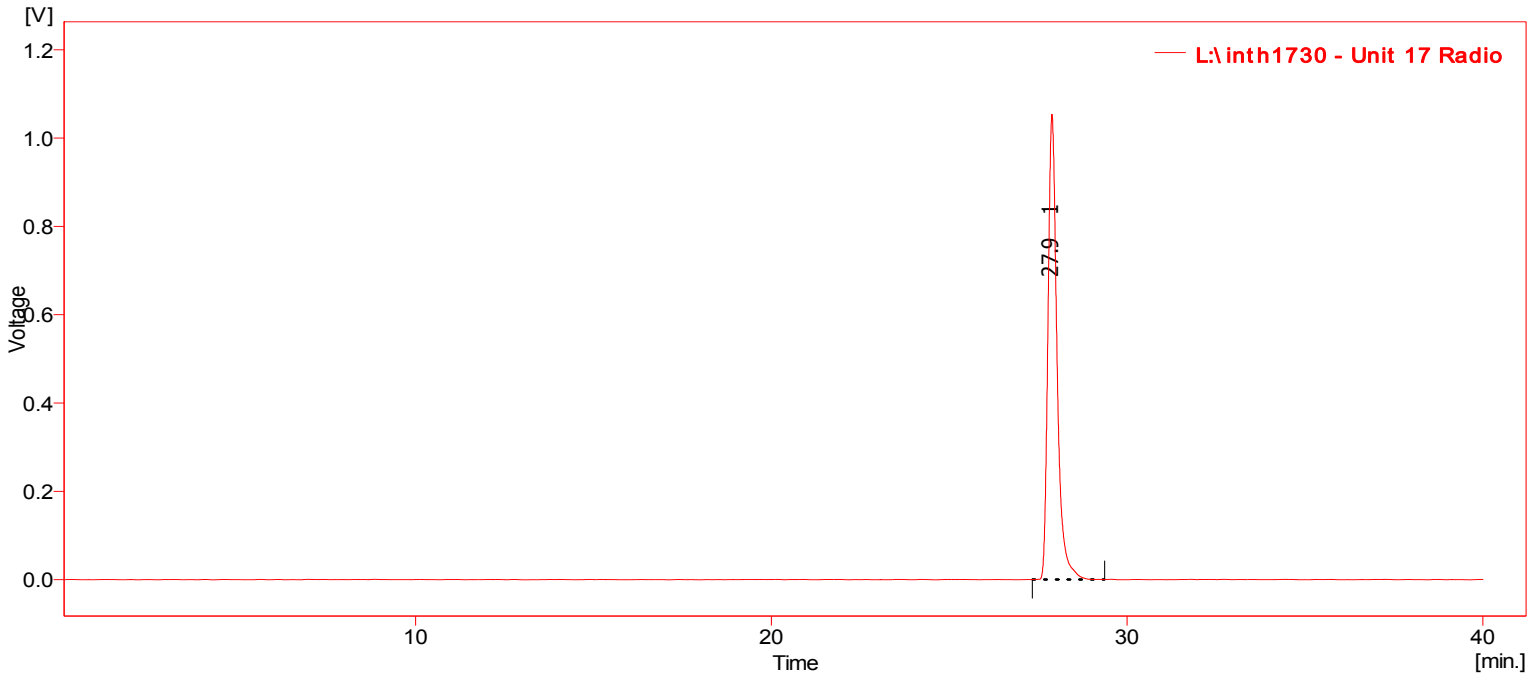
Result Table (Uncal - L:\inth1729 - Unit 17 UV)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/I [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		26.52	15.971	2.21	0.42	0.3	0.12	296469	5929380		0.92	
2		26.91	19.330	3.38	0.51	0.5	0.09	390194	7803881	2.26	1.26	
3		27.38	4.710	0.91	0.13	0.1	0.09	675478	13509569	3.18	1.11	
4		27.60	3713.888	643.30	98.80	98.9	0.09	341277	6825548	1.40	1.36	
5		35.24	4.910	0.75	0.13	0.1	0.11	627585	12551703	45.10	1.21	
	Total		3758.808	650.54	100.00	100.0						

MC-2397
Triclosan, [2,4-dichlorophenyl-14C(U)]-
Lot 195-020-080-A-20091217-DR

Chromatogram Info:

File Name	: L:\inth1730	File Created	: 5/23/2014 1:47:31 PM
Origin	: Acquired, Acquisition started 12/23/2009 2:48:02 PM	Acquired Date	: 12/23/2009 3:28:01 PM
Project	: Work1	By	: Administrator
Method	: Unit17_40_min_run	By	: Administrator
Description	: Radiochemical trace of 14C material co-injected with standard		
Created	: 8/9/2007 8:59 AM	Modified	: 5/23/2014 2:07 PM
Column	:	Detection	: Radiochemical
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\inth1730 - Unit 17 Radio)

Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/I [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1	27.89	18716.818	1053.73	100.00	100.0	0.26	31122	622443		1.39	
Total		18716.818	1053.73	100.00	100.0						

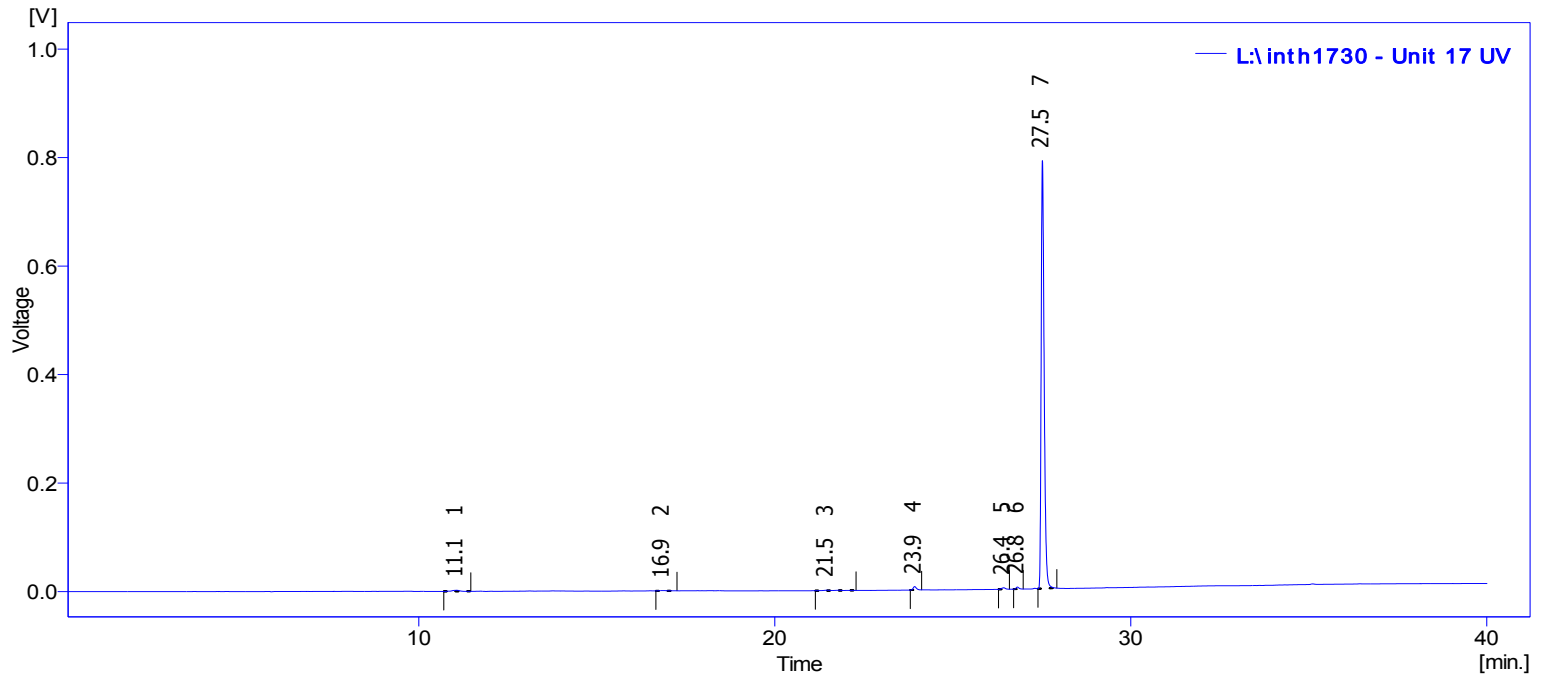
MC-2397
Triclosan, [2,4-dichlorophenyl-14C(U)]-
Lot 195-020-080-A-20091217-DR

Chromatogram Info:

File Name : L:\inth1730 File Created : 5/23/2014 1:47:31 PM
 Origin : Acquired, Acquisition started 12/23/2009 2:48:02 PM Acquired Date : 12/23/2009 3:28:01 PM
 Project : Work1 By : Administrator

Method : Unit17_40_min_run By : Administrator
 Description : UV trace of 14C material co-injected with standard
 Created : 8/9/2007 8:59 AM Modified : 5/23/2014 2:03 PM

Column : Detection : UV 254nm
 Mobile Phase : Temperature :
 Flow Rate : Pressure :
 Note :



Result Table (Uncal - L:\inth1730 - Unit 17 UV)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/I [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		11.06	32.312	2.09	0.68	0.3	0.23	10725	214497		0.86	
2		16.85	7.093	0.54	0.15	0.1	0.20	24783	495654	15.78	1.12	
3		21.46	16.229	0.69	0.34	0.1	0.19	8863	177255	13.82	2.46	
4		23.93	39.386	6.26	0.83	0.8	0.10	289591	5791821	9.92	1.27	
5		26.43	20.629	2.81	0.44	0.3	0.12	297077	5941545	13.23	0.96	
6		26.81	20.801	3.79	0.44	0.5	0.09	477428	9548561	2.15	1.23	
7		27.52	4601.083	788.83	97.12	98.0	0.09	366997	7339934	4.61	1.39	
	Total		4737.533	805.02	100.00	100.0						

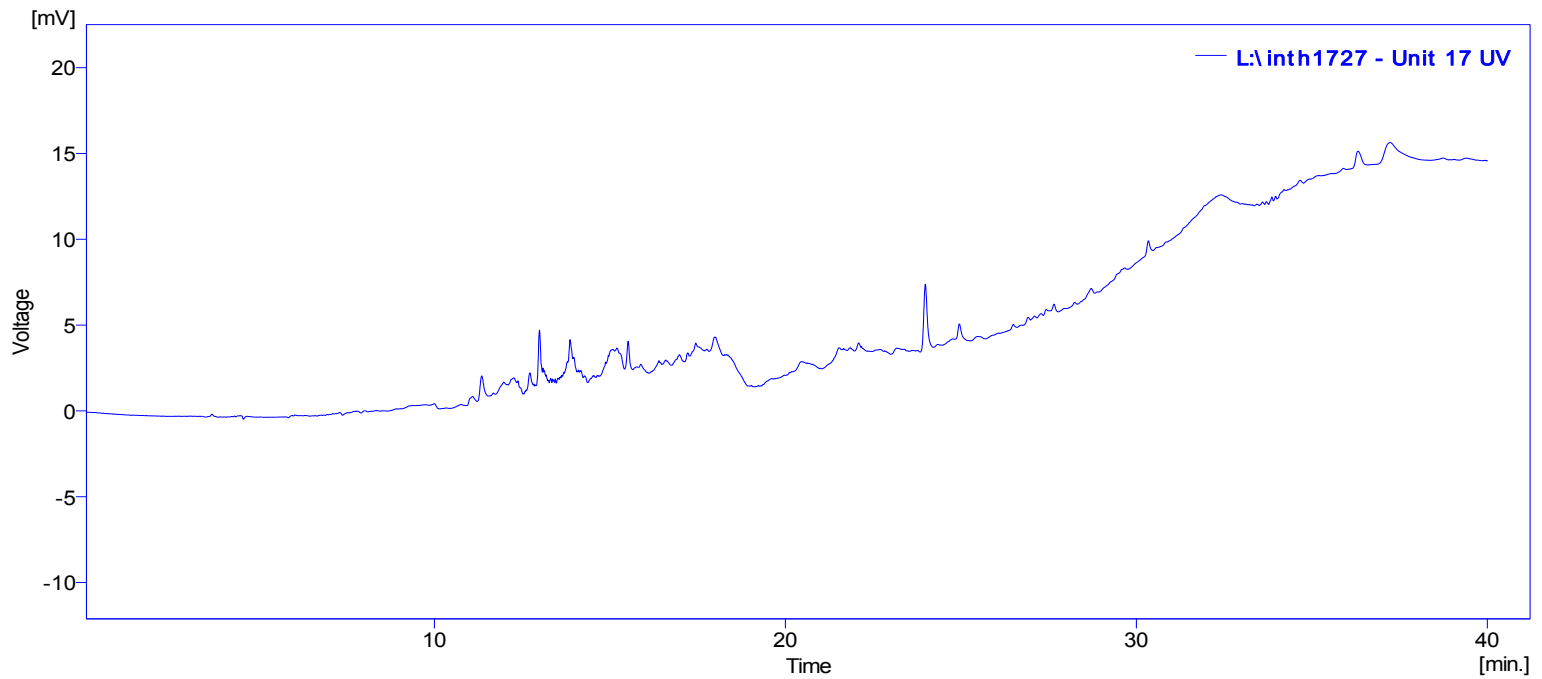
MC-2397
Triclosan, [2,4-dichlorophenyl-14C(U)]-
Lot 195-020-080-A-20091217-DR

Chromatogram Info:

File Name : L:\inth1727 File Created : 5/23/2014 1:47:31 PM
Origin : Acquired, Acquisition started 12/23/2009 12:02:38 PM Acquired Date : 12/23/2009 12:42:37 PM
Project : Work1 By : Administrator

Method : Unit17_40_min_run By : Administrator
Description : UV trace of blank injection
Created : 8/9/2007 8:59 AM Modified : 5/23/2014 2:09 PM

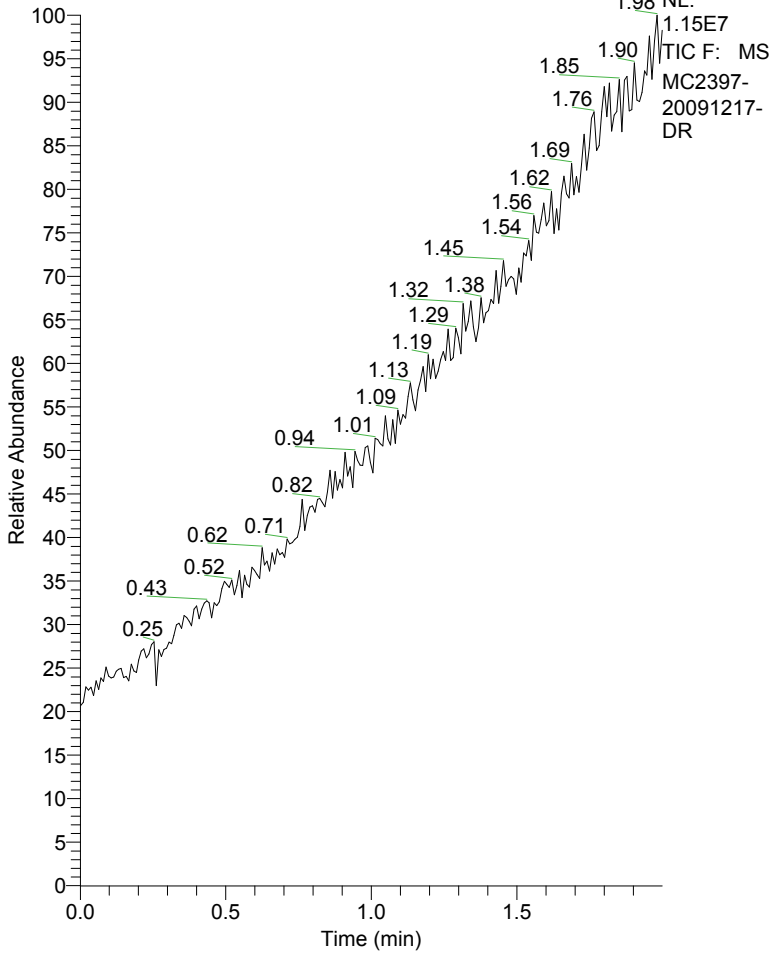
Column : Detection : UV 254nm
Mobile Phase : Temperature :
Flow Rate : Pressure :
Note :



Result Table (Uncal - L:\inth1727 - Unit 17 UV)

Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/l [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
No peak to report											

RT: 0.00 - 2.00



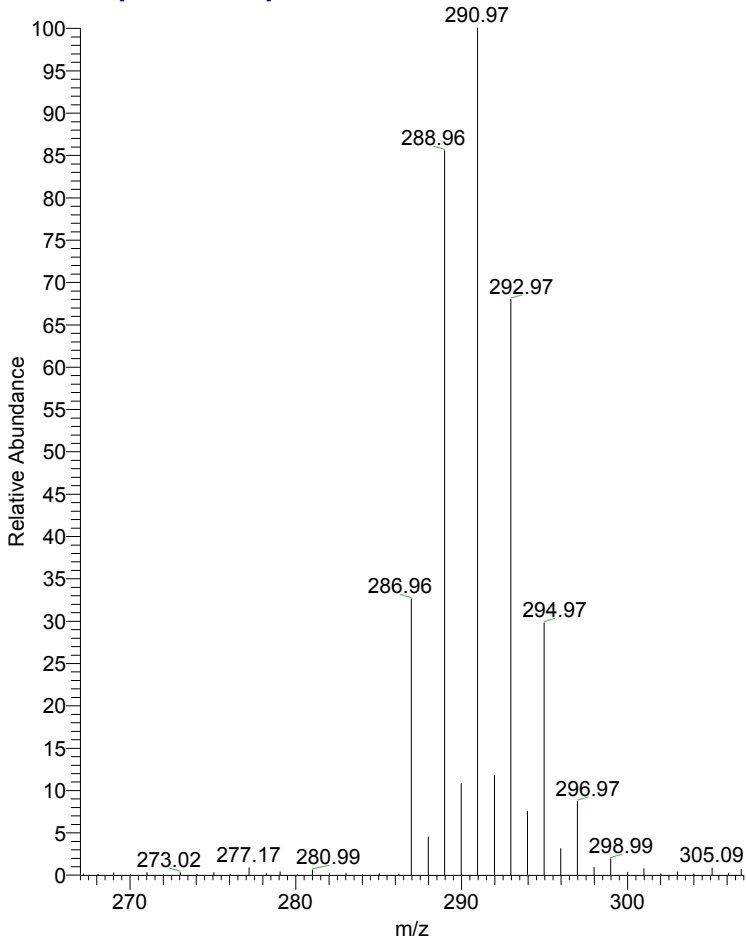
MC2397-20091217-DR#1-232 RT: 0.00-2.00

T: - c Q1MS [267.00-307.00]

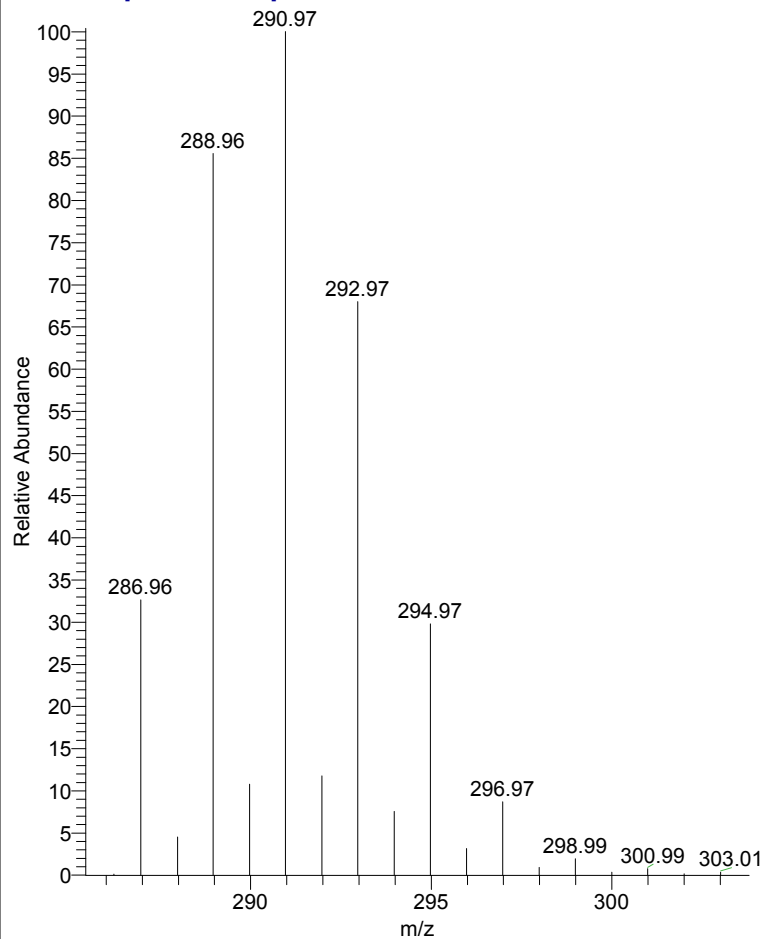
m/z = 286.04-301.31

m/z	Intensity	Relative
286.21	1487.7	0.09
286.96	535743.6	32.61
287.97	73559.2	4.48
288.96	1405164.5	85.54
289.97	176939.0	10.77
290.97	1642656.1	100.00
291.97	192852.2	11.74
292.97	1116498.9	67.97
293.97	123903.9	7.54
294.97	489038.3	29.77
295.98	51302.3	3.12
296.97	142706.7	8.69
297.98	14833.0	0.90
298.99	31621.0	1.92
300.00	5005.0	0.30
300.99	11912.6	0.73

MC2397-20091217-DR #1-232 RT: 0.00-2.00 AV: 232 NL: 1.64E6
T: - c Q1MS [267.00-307.00]



MC2397-20091217-DR #1-232 RT: 0.00-2.00 AV: 232 NL: 1.64E6
T: - c Q1MS [267.00-307.00]



MC2397 1H NMR in CD2Cl2
 Batch 20091217-DR



7.547
 7.303
 7.281
 7.101
 7.015
 6.992
 6.882
 6.861
 6.742
 6.720
 5.841

NAME MC2397-20091217-DR
 EXPNO 4
 PROCNO 1
 Date_ 20091229
 Time 10.22
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 CD2Cl2
 SOLVENT CD2Cl2
 NS 1000
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 4
 DW 60.400 usec
 DE 6.50 usec
 TE 294.0 K
 D1 1.00000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.50 usec
 PL1 -0.70 dB
 PL1W 10.03411102 W
 SF01 400.1324710 MHz
 SI 32768
 SF 400.1300000 MHz
 WDW no
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

