

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD 0\Data\P0082218\
 Data File : P0048435.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2018 4:07
 Operator : SM/SJ
 Sample : J4582-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 08:40:38 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072718.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 27 02:33:29 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.392	3.633	4437616	4666282	21.979	18.991
2) SA Decachlor...	10.083	8.613	2634422	2588271	16.152	16.466
Target Compounds						
3) L1 AR-1016-1	5.299	4.541	70379	464377	14.734	81.227 #
4) L1 AR-1016-2	5.661	4.973	116105	429004	19.722	81.707 #
5) L1 AR-1016-3	5.745	4.973	112631	429004	22.711	97.704 #
6) L1 AR-1016-4	6.020	5.027	27828	317959	5.983	61.317 #
7) L1 AR-1016-5	6.184	0.000	48162	0	9.239	N.D. #
8) L2 AR-1221-1	4.602	0.000	279918	0	126.575	N.D. #
9) L2 AR-1221-2	4.679	3.952	204843	345320	125.271	190.357 #
10) L2 AR-1221-3	4.780	4.069	1010699	745263	195.765	128.925 #
11) L3 AR-1232-1	5.113	4.295	288285	447383	134.053	190.235 #
12) L3 AR-1232-2	5.559	0.000	16195	0	5.504	N.D. #
13) L3 AR-1232-3	5.585	0.000	71079	0	16.545	N.D. #
14) L3 AR-1232-4	5.661	0.000	116105	0	41.947	N.D. #
15) L3 AR-1232-5	5.745	4.973	112631	429004	50.436	239.704 #
16) L4 AR-1242-1	5.585	0.000	71079	0	9.671	N.D. #
17) L4 AR-1242-2	5.661	4.973	116105	429004	25.086	104.136 #
18) L4 AR-1242-3	5.745	5.027	112631	317959	29.315	75.816 #
19) L4 AR-1242-4	6.020	0.000	27828	0	7.239	N.D. #
20) L4 AR-1242-5	6.184	5.317	48162	164355	11.251	42.450 #
21) L5 AR-1248-1	6.065	0.000	151671	0	24.255	N.D. #
22) L5 AR-1248-2	6.184	5.317	48162	164355	8.841	30.721 #
23) L5 AR-1248-3	6.442	0.000	84816	0	12.052	N.D. #
24) L5 AR-1248-4	6.478	0.000	81548	0	12.147	N.D. #
25) L5 AR-1248-5	6.636	0.000	123928	0	17.510	N.D. #
26) L6 AR-1254-1	6.636	0.000	123928	0	10.134	N.D. #
27) L6 AR-1254-2	6.936	0.000	91924	0	12.326	N.D. #
28) L6 AR-1254-3	7.003	0.000	231808	0	17.775	N.D. #
29) L6 AR-1254-4	7.283	6.369	111558	246249	11.446	22.726 #
30) L6 AR-1254-5	7.536	6.590	76258	229640	10.322	30.028 #
31) L7 AR-1260-1	7.160	0.000	38480	0	4.104	N.D. #
32) L7 AR-1260-2	7.439	6.369	4575	246249	0.410	18.366 #
33) L7 AR-1260-3	7.694	0.000	70972	0	5.516	N.D. #
34) L7 AR-1260-4	8.328	0.000	304637	0	17.126	N.D. #
35) L7 AR-1260-5	8.642	0.000	56973	0	4.989	N.D. #
36) L8 AR-1262-1	7.160	6.369	38480	246249	4.645	21.719 #
37) L8 AR-1262-2	7.403	6.590	63777	229640	6.581	20.350 #
38) L8 AR-1262-3	7.790	0.000	25737	0	2.097	N.D. #

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 Acq On : 23 Aug 2018 4:07
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 Sample : J4582-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

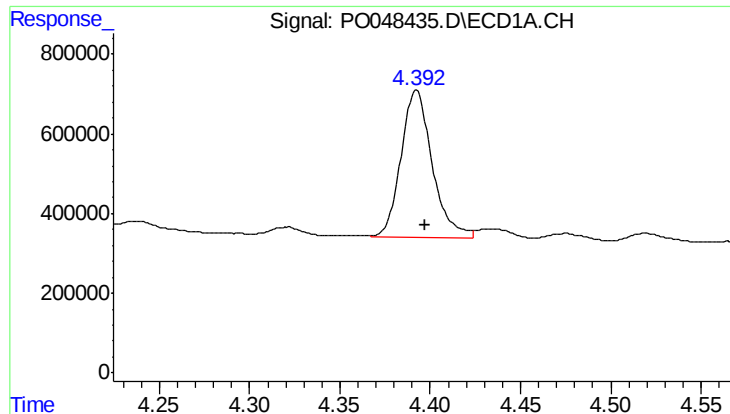
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 08:40:38 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072718.M
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
39)	L8 AR-1262-4	7.981	0.000	100354	0	8.522	N.D.	#
40)	L8 AR-1262-5	8.328	0.000	304637	0	14.179	N.D.	#
41)	L9 AR-1268-1	8.614	0.000	118021	0	5.085	N.D.	#
42)	L9 AR-1268-2	8.730	0.000	255135	0	11.907	N.D.	#
43)	L9 AR-1268-3	8.931	0.000	20585	0	1.140	N.D.	#
44)	L9 AR-1268-4	9.340	0.000	63791	0	8.000	N.D.	#
45)	L9 AR-1268-5	9.755	0.000	73050	0	1.341	N.D.	#

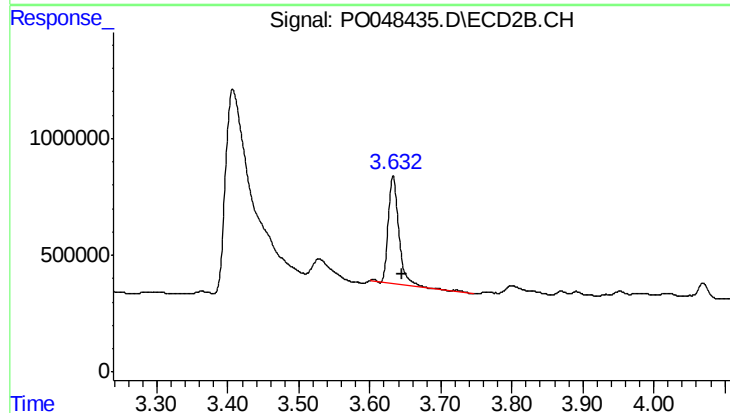
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

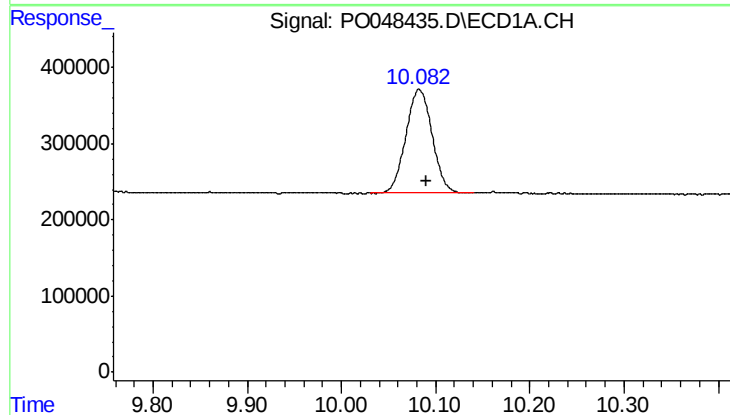
R.T.: 4.392 min
Delta R.T.: -0.005 min
Response: 4437616
Conc: 21.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



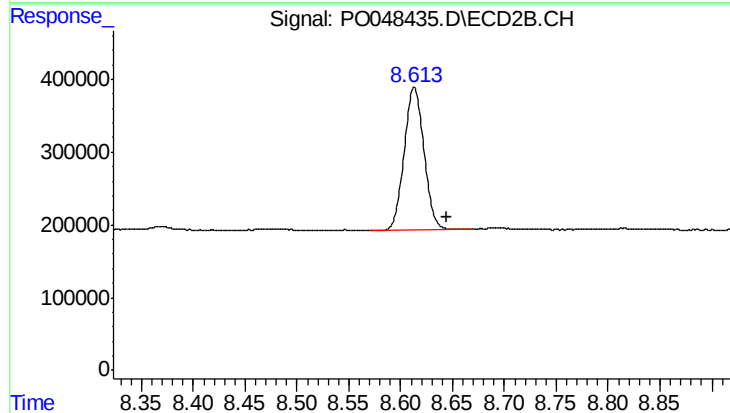
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.012 min
Response: 4666282
Conc: 18.99 ng/ml



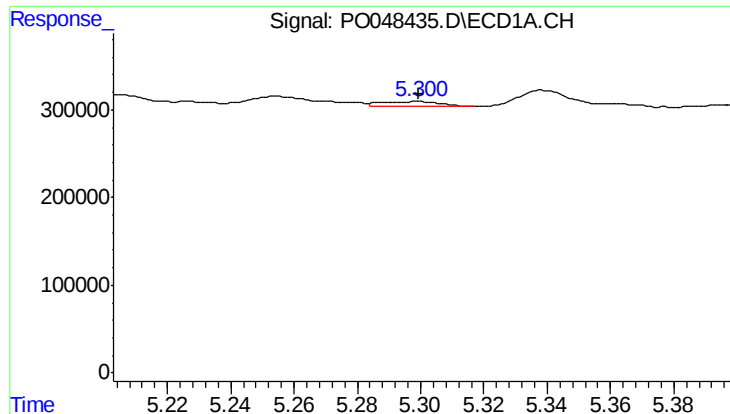
#2 Decachlorobiphenyl

R.T.: 10.083 min
Delta R.T.: -0.007 min
Response: 2634422
Conc: 16.15 ng/ml



#2 Decachlorobiphenyl

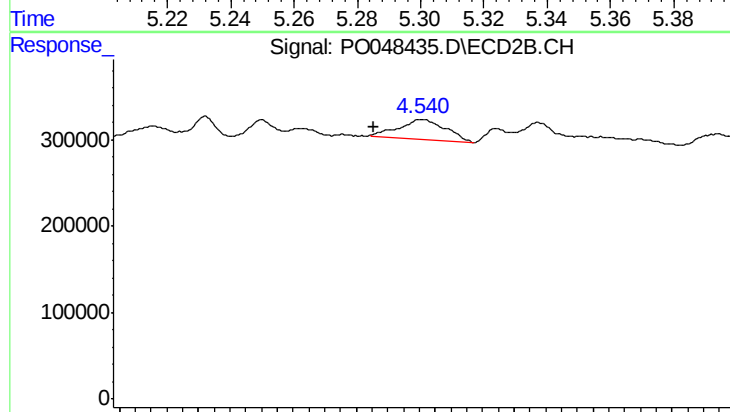
R.T.: 8.613 min
Delta R.T.: -0.032 min
Response: 2588271
Conc: 16.47 ng/ml



#3 AR-1016-1

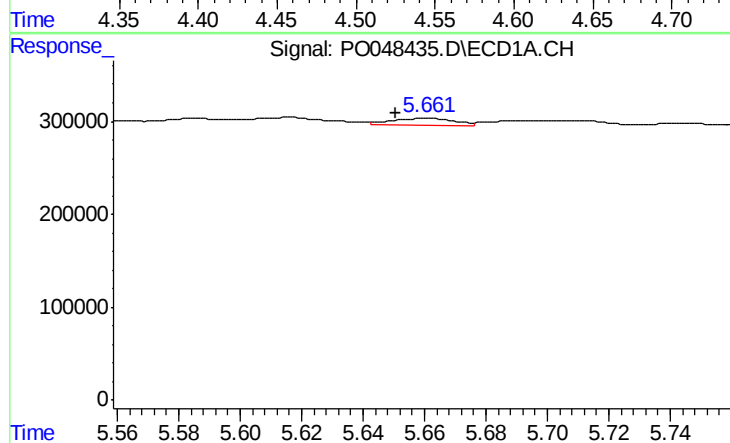
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 70379
Conc: 14.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



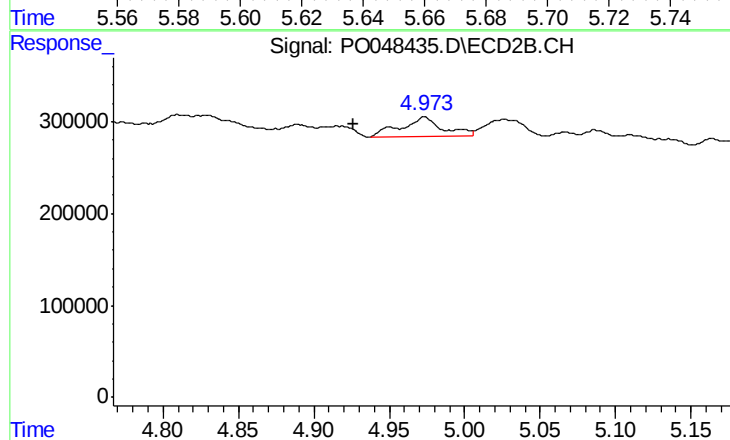
#3 AR-1016-1

R.T.: 4.541 min
Delta R.T.: 0.030 min
Response: 464377
Conc: 81.23 ng/ml



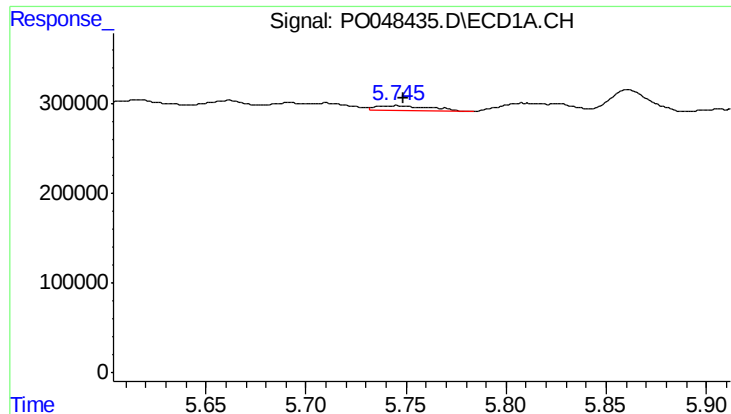
#4 AR-1016-2

R.T.: 5.661 min
Delta R.T.: 0.011 min
Response: 116105
Conc: 19.72 ng/ml



#4 AR-1016-2

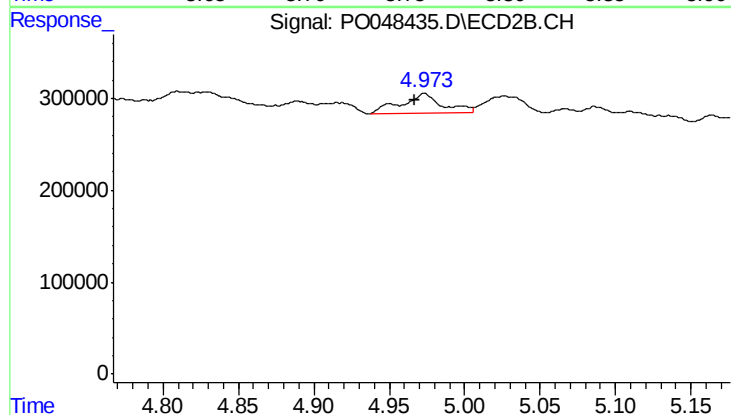
R.T.: 4.973 min
Delta R.T.: 0.047 min
Response: 429004
Conc: 81.71 ng/ml



#5 AR-1016-3

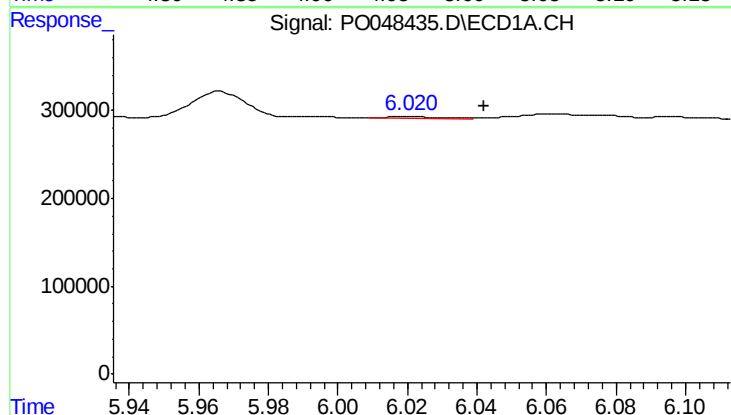
R.T.: 5.745 min
Delta R.T.: -0.003 min
Response: 112631
Conc: 22.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



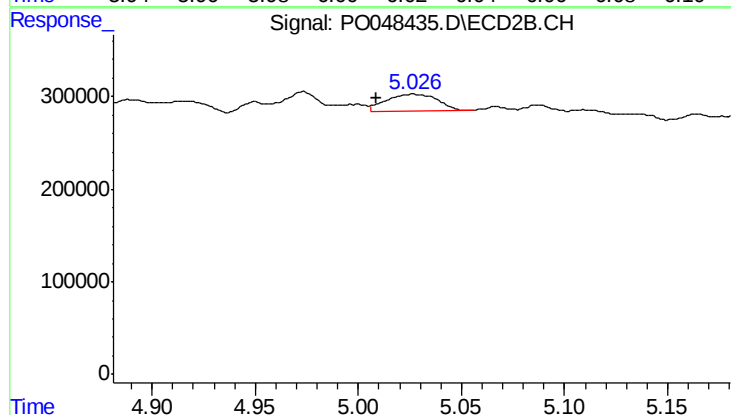
#5 AR-1016-3

R.T.: 4.973 min
Delta R.T.: 0.006 min
Response: 429004
Conc: 97.70 ng/ml



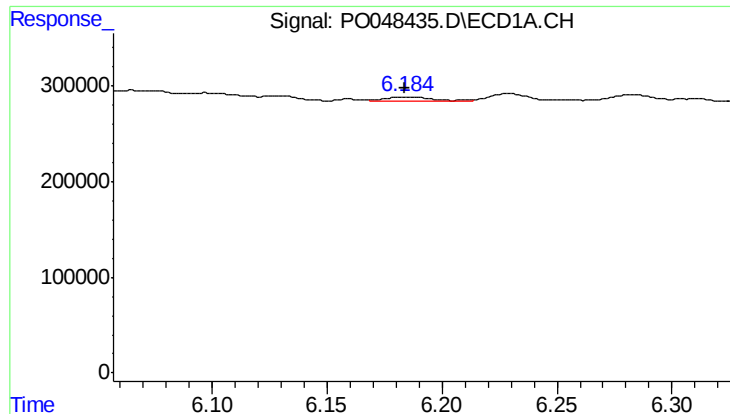
#6 AR-1016-4

R.T.: 6.020 min
Delta R.T.: -0.022 min
Response: 27828
Conc: 5.98 ng/ml



#6 AR-1016-4

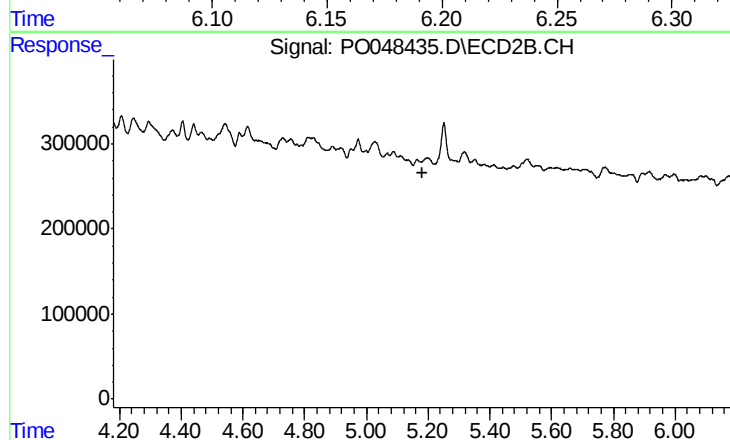
R.T.: 5.027 min
Delta R.T.: 0.018 min
Response: 317959
Conc: 61.32 ng/ml



#7 AR-1016-5

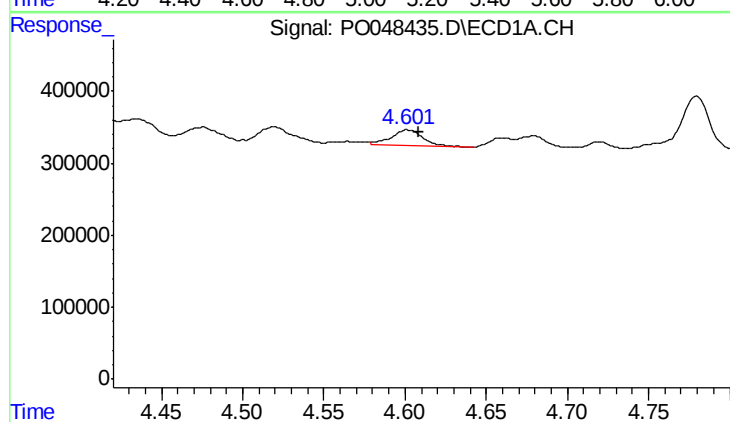
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 48162
Conc: 9.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



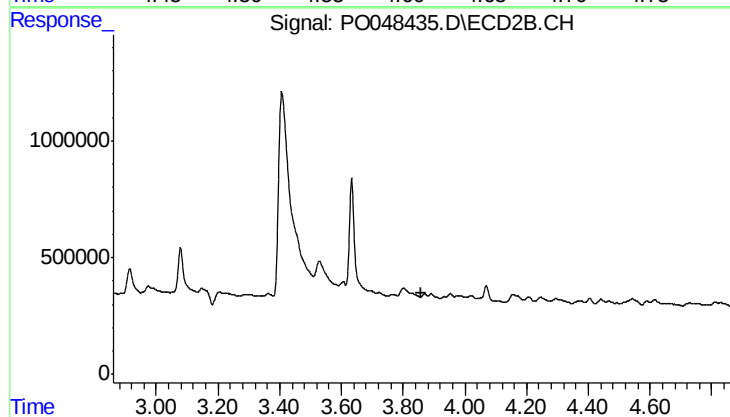
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.180 min
Response: 0
Conc: N.D.



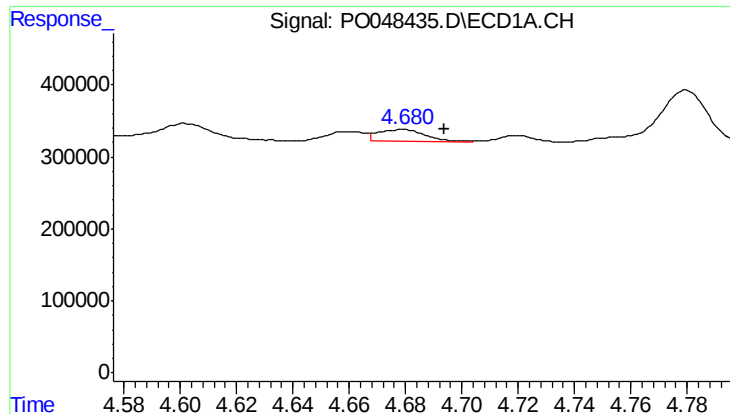
#8 AR-1221-1

R.T.: 4.602 min
Delta R.T.: -0.006 min
Response: 279918
Conc: 126.58 ng/ml



#8 AR-1221-1

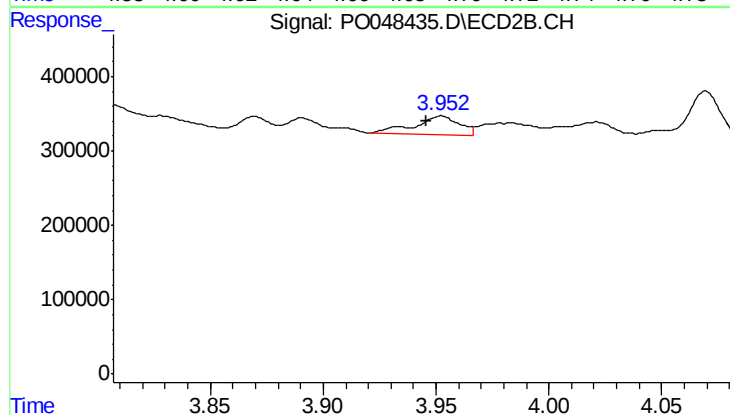
R.T.: 0.000 min
Exp R.T.: 3.861 min
Response: 0
Conc: N.D.



#9 AR-1221-2

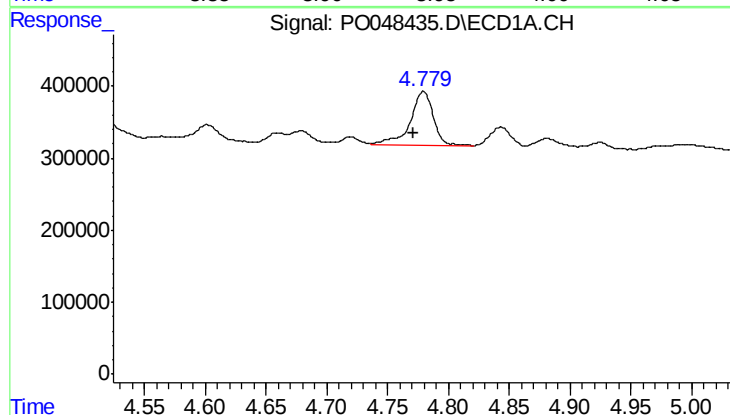
R.T.: 4.679 min
Delta R.T.: -0.015 min
Response: 204843
Conc: 125.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



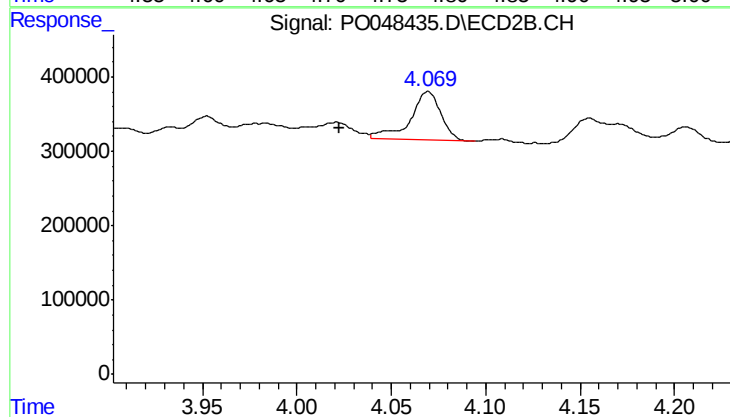
#9 AR-1221-2

R.T.: 3.952 min
Delta R.T.: 0.006 min
Response: 345320
Conc: 190.36 ng/ml



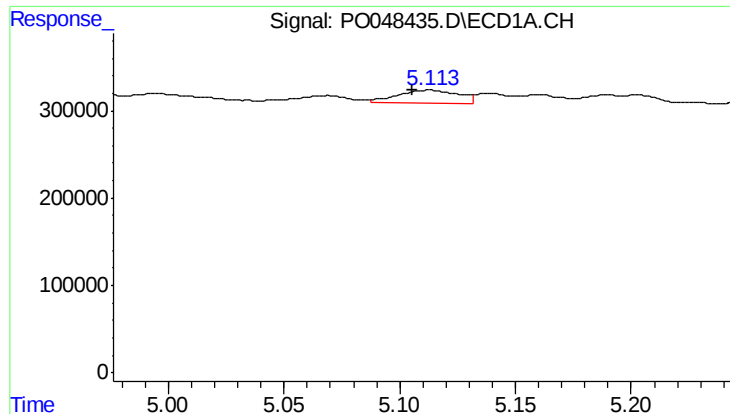
#10 AR-1221-3

R.T.: 4.780 min
Delta R.T.: 0.008 min
Response: 1010699
Conc: 195.76 ng/ml



#10 AR-1221-3

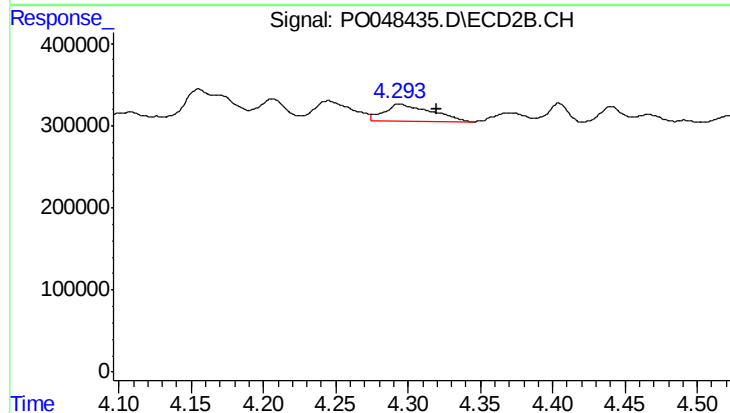
R.T.: 4.069 min
Delta R.T.: 0.047 min
Response: 745263
Conc: 128.92 ng/ml



#11 AR-1232-1

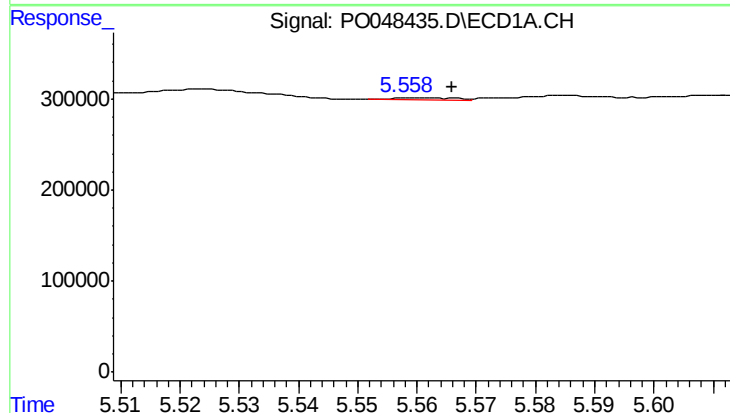
R.T.: 5.113 min
Delta R.T.: 0.007 min
Response: 288285
Conc: 134.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



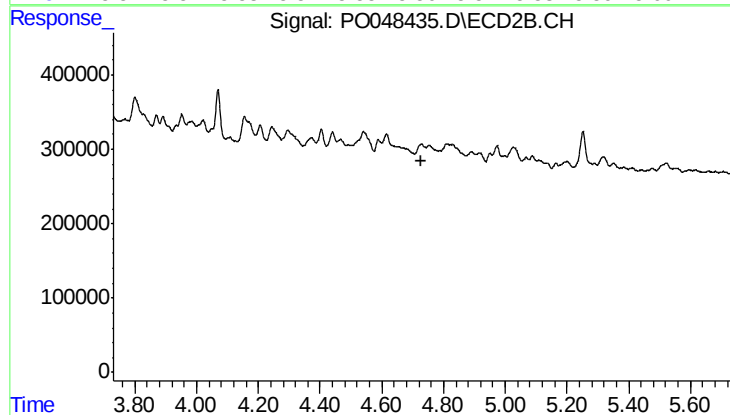
#11 AR-1232-1

R.T.: 4.295 min
Delta R.T.: -0.025 min
Response: 447383
Conc: 190.24 ng/ml



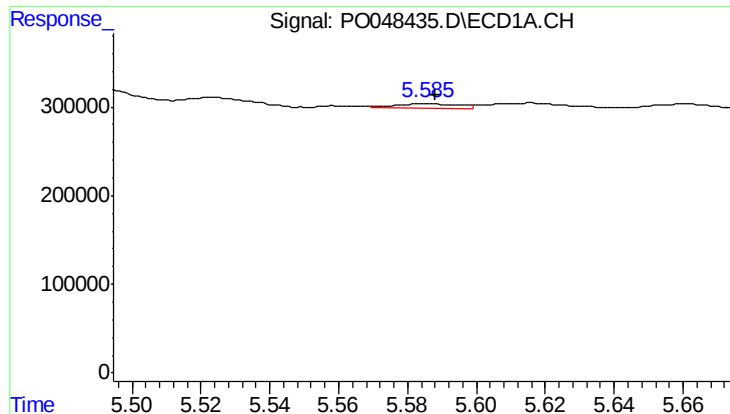
#12 AR-1232-2

R.T.: 5.559 min
Delta R.T.: -0.007 min
Response: 16195
Conc: 5.50 ng/ml



#12 AR-1232-2

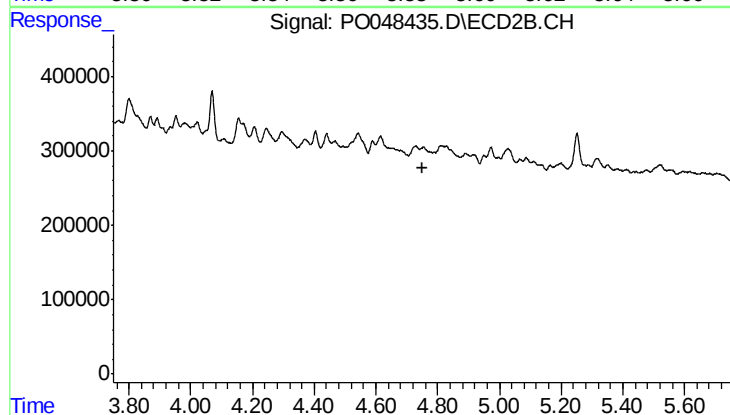
R.T.: 0.000 min
Exp R.T.: 4.730 min
Response: 0
Conc: N.D.



#13 AR-1232-3

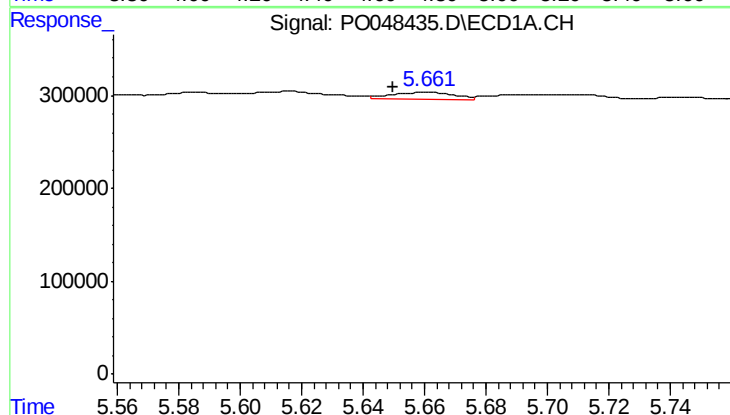
R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 71079
Conc: 16.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



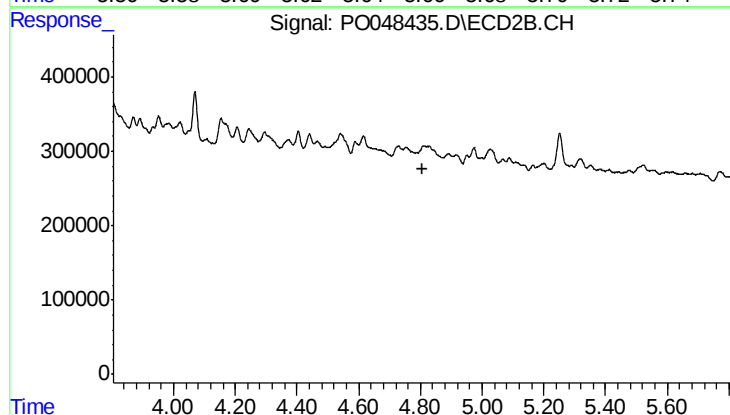
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.749 min
Response: 0
Conc: N.D.



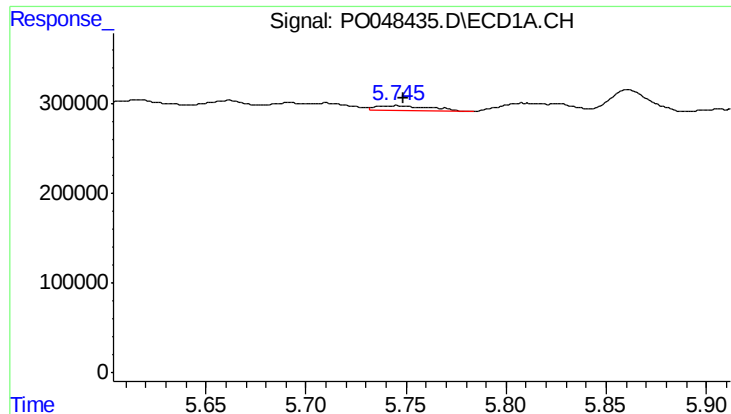
#14 AR-1232-4

R.T.: 5.661 min
Delta R.T.: 0.011 min
Response: 116105
Conc: 41.95 ng/ml



#14 AR-1232-4

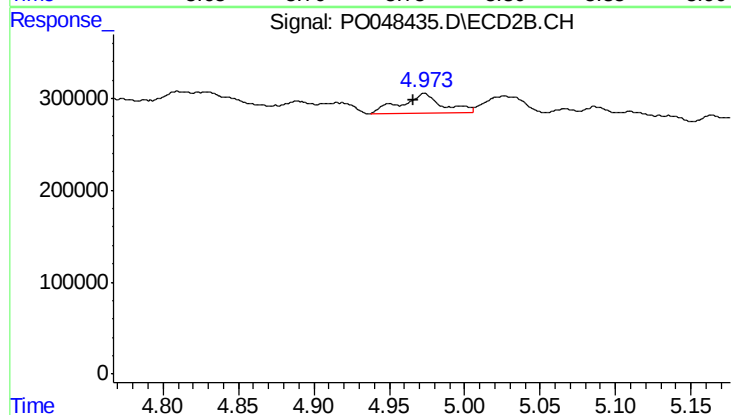
R.T.: 0.000 min
Exp R.T.: 4.805 min
Response: 0
Conc: N.D.



#15 AR-1232-5

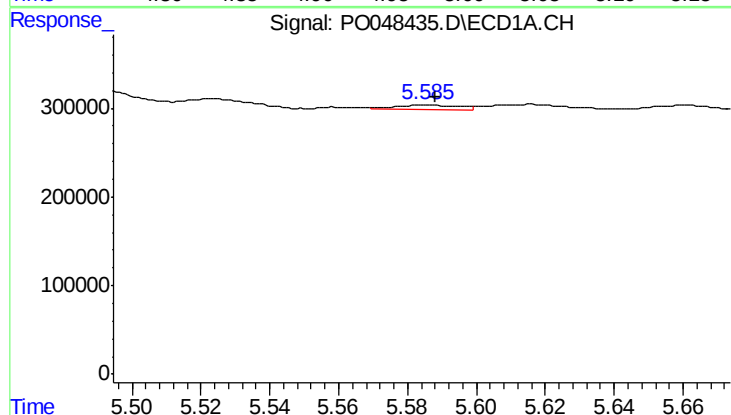
R.T.: 5.745 min
Delta R.T.: -0.003 min
Response: 112631
Conc: 50.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



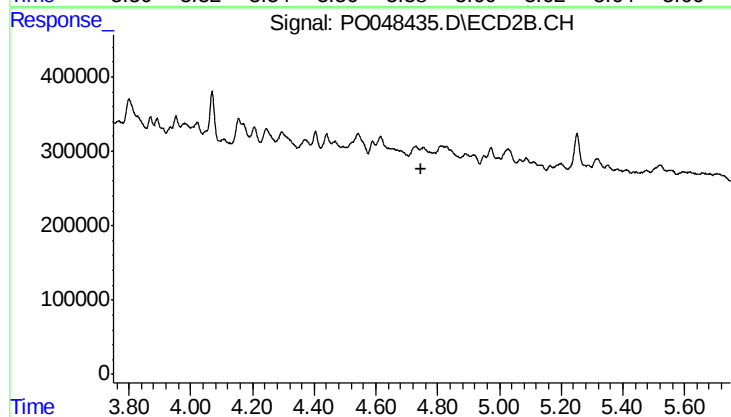
#15 AR-1232-5

R.T.: 4.973 min
Delta R.T.: 0.007 min
Response: 429004
Conc: 239.70 ng/ml



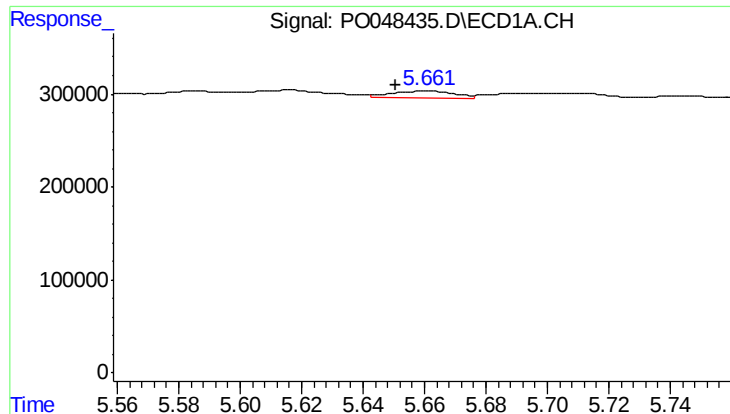
#16 AR-1242-1

R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 71079
Conc: 9.67 ng/ml



#16 AR-1242-1

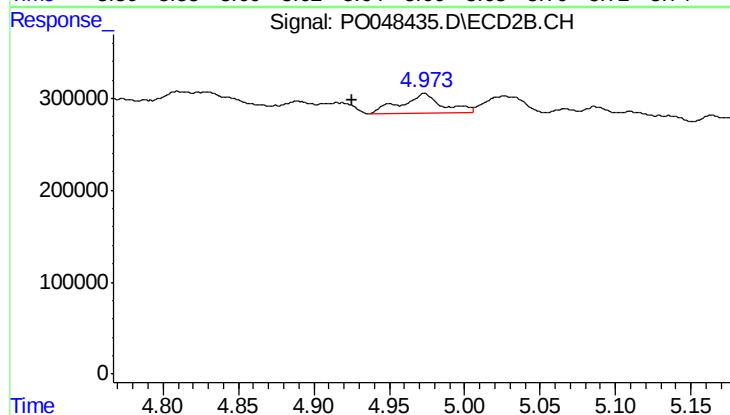
R.T.: 0.000 min
Exp R.T.: 4.749 min
Response: 0
Conc: N.D.



#17 AR-1242-2

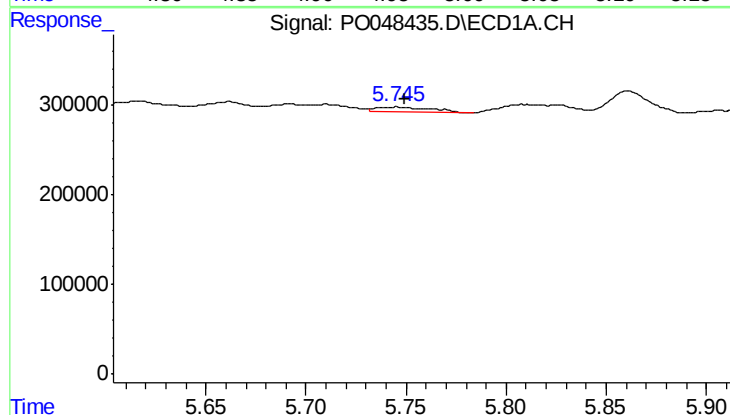
R.T.: 5.661 min
Delta R.T.: 0.011 min
Response: 116105
Conc: 25.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



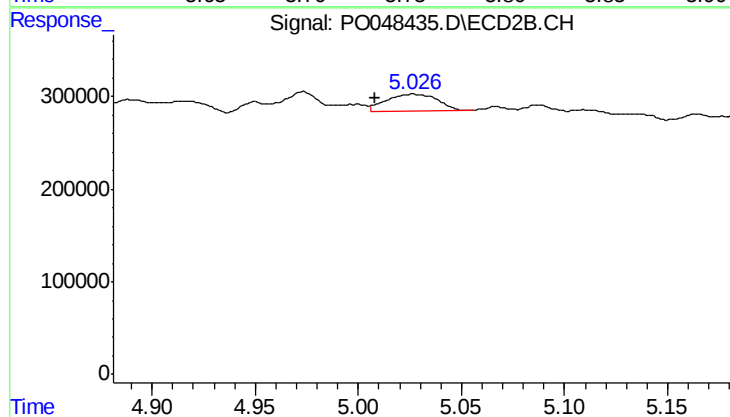
#17 AR-1242-2

R.T.: 4.973 min
Delta R.T.: 0.048 min
Response: 429004
Conc: 104.14 ng/ml



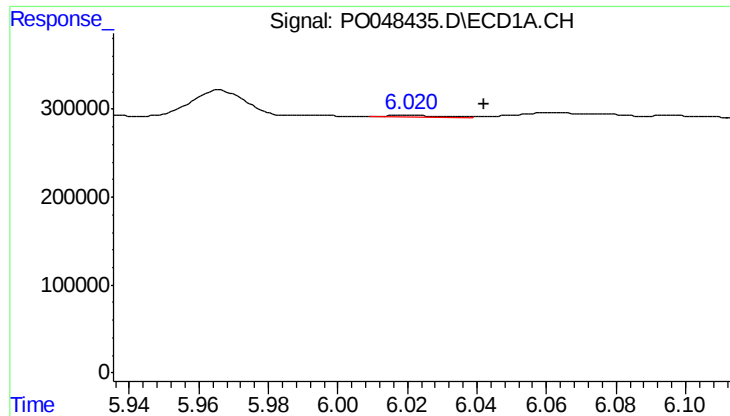
#18 AR-1242-3

R.T.: 5.745 min
Delta R.T.: -0.004 min
Response: 112631
Conc: 29.32 ng/ml



#18 AR-1242-3

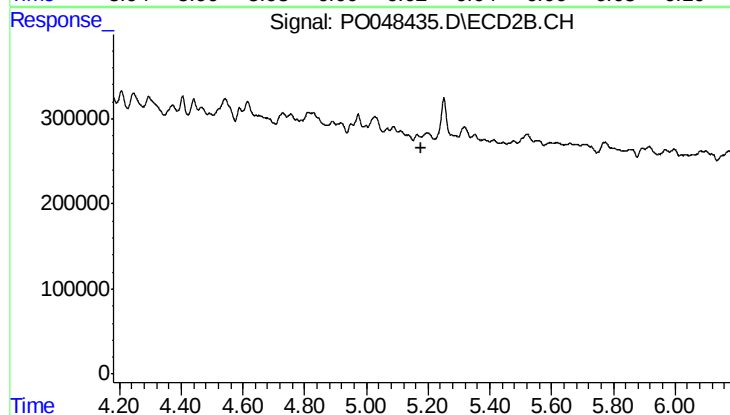
R.T.: 5.027 min
Delta R.T.: 0.019 min
Response: 317959
Conc: 75.82 ng/ml



#19 AR-1242-4

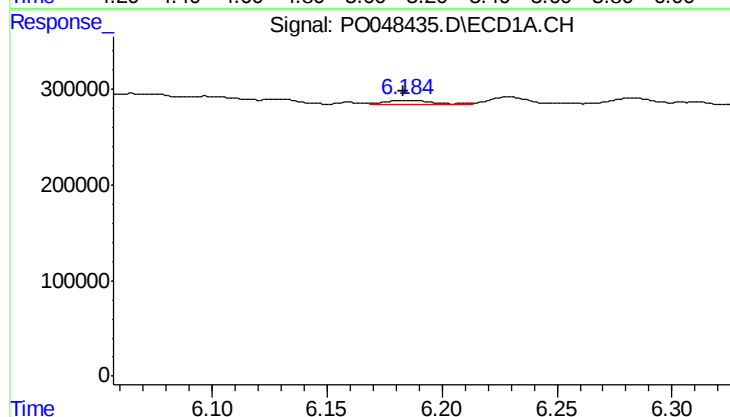
R.T.: 6.020 min
Delta R.T.: -0.022 min
Response: 27828
Conc: 7.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



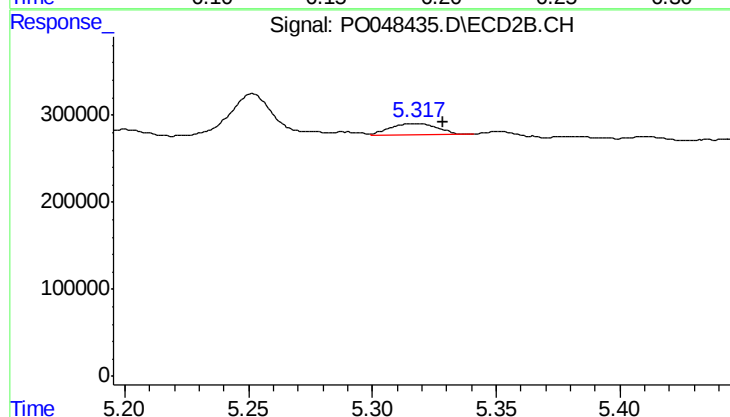
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.180 min
Response: 0
Conc: N.D.



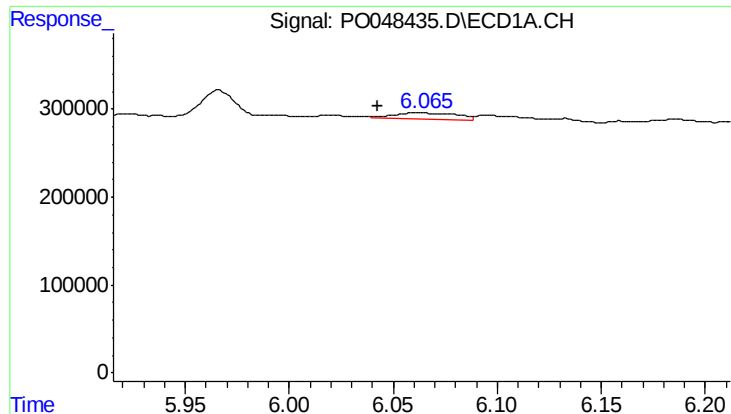
#20 AR-1242-5

R.T.: 6.184 min
Delta R.T.: 0.001 min
Response: 48162
Conc: 11.25 ng/ml



#20 AR-1242-5

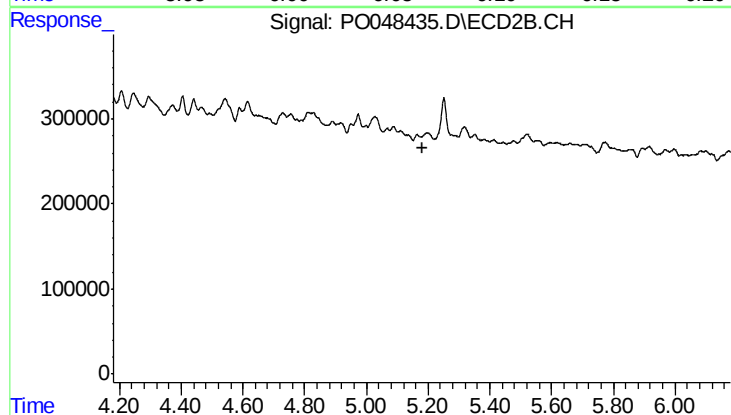
R.T.: 5.317 min
Delta R.T.: -0.011 min
Response: 164355
Conc: 42.45 ng/ml



#21 AR-1248-1

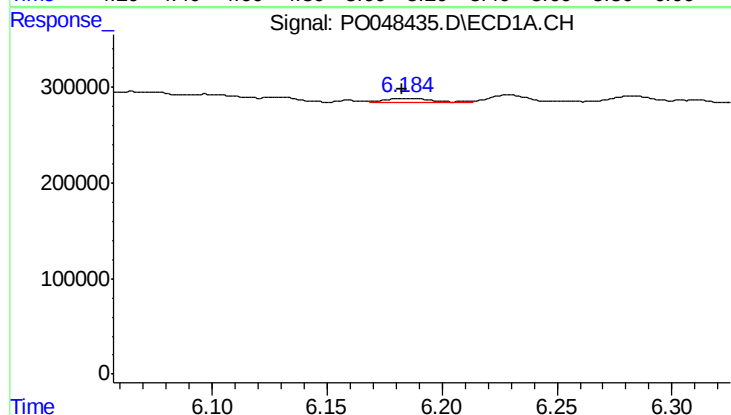
R.T.: 6.065 min
Delta R.T.: 0.022 min
Response: 151671
Conc: 24.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



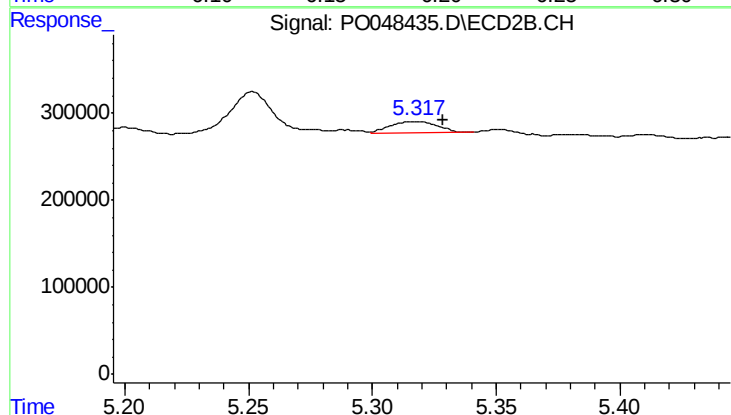
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.180 min
Response: 0
Conc: N.D.



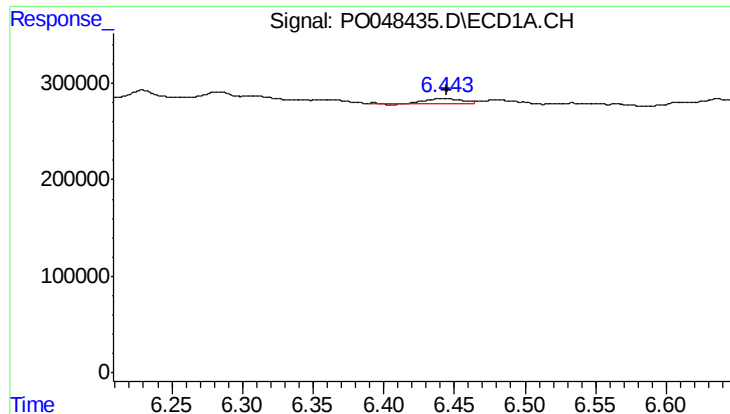
#22 AR-1248-2

R.T.: 6.184 min
Delta R.T.: 0.002 min
Response: 48162
Conc: 8.84 ng/ml



#22 AR-1248-2

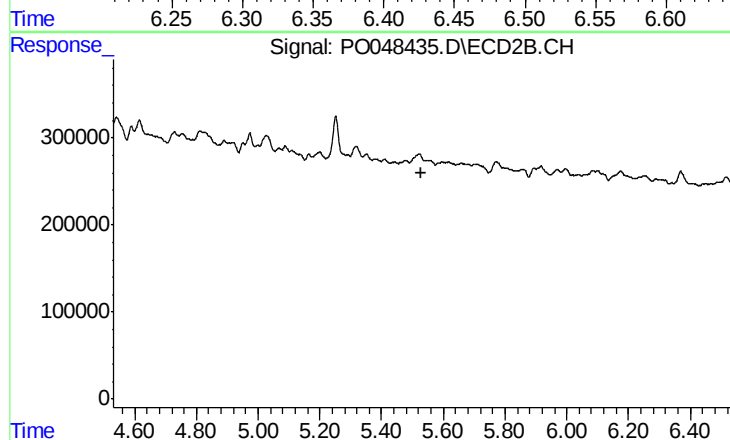
R.T.: 5.317 min
Delta R.T.: -0.011 min
Response: 164355
Conc: 30.72 ng/ml



#23 AR-1248-3

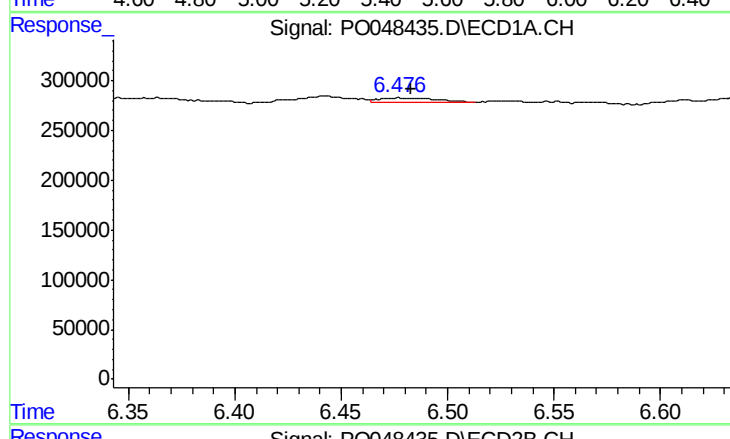
R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 84816
Conc: 12.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



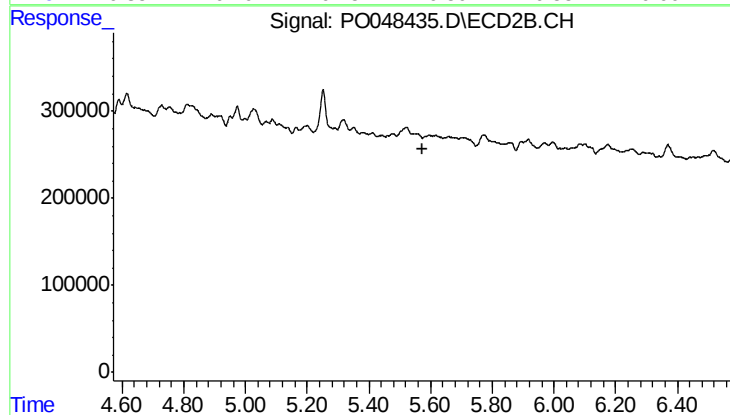
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.531 min
Response: 0
Conc: N.D.



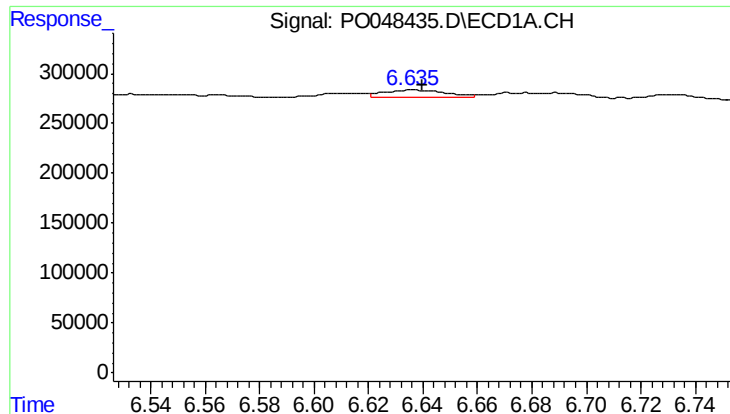
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.005 min
Response: 81548
Conc: 12.15 ng/ml



#24 AR-1248-4

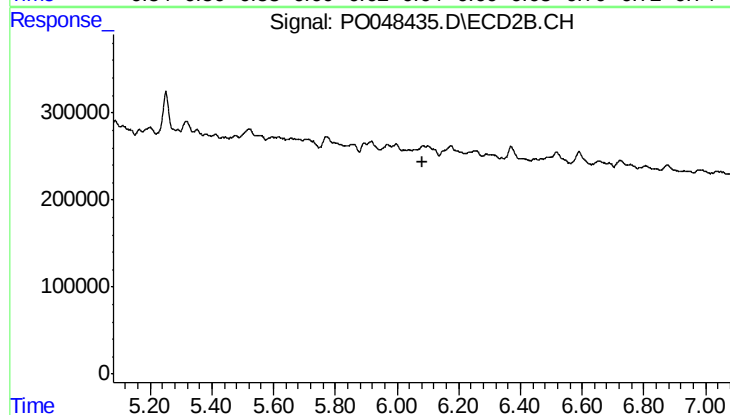
R.T.: 0.000 min
Exp R.T.: 5.572 min
Response: 0
Conc: N.D.



#25 AR-1248-5

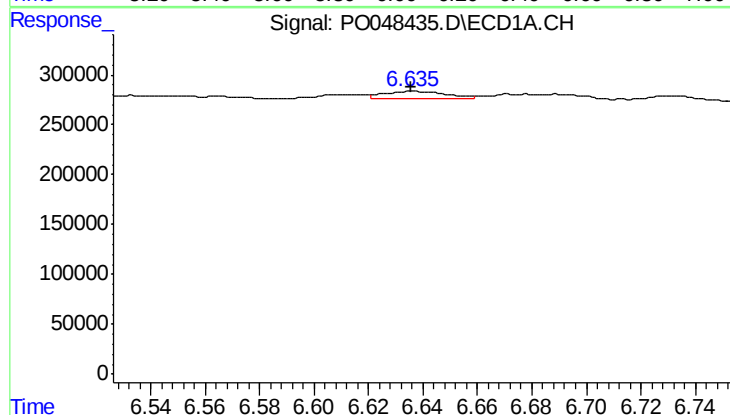
R.T.: 6.636 min
Delta R.T.: -0.003 min
Response: 123928
Conc: 17.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



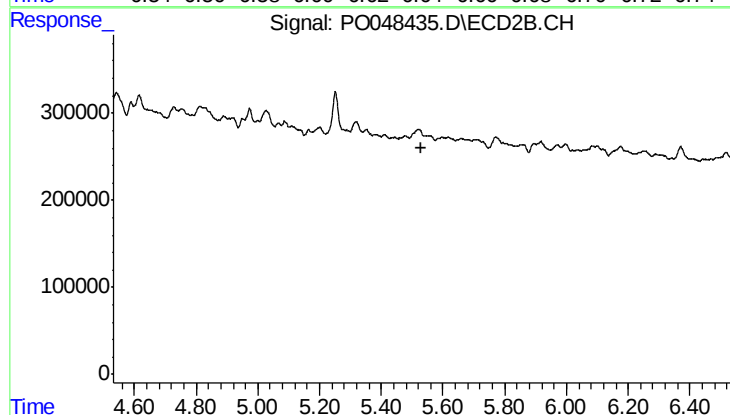
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.081 min
Response: 0
Conc: N.D.



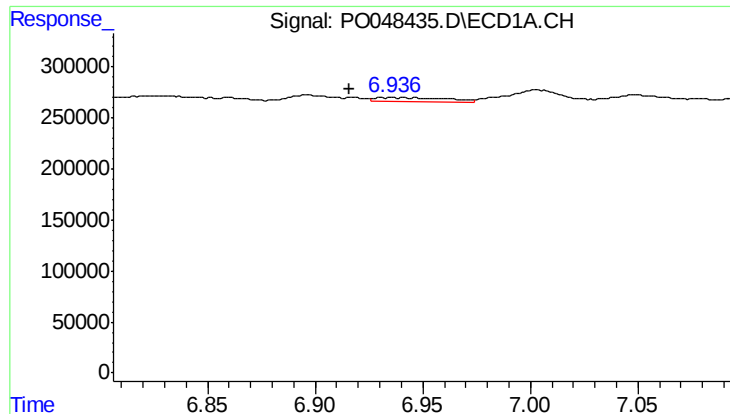
#26 AR-1254-1

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 123928
Conc: 10.13 ng/ml



#26 AR-1254-1

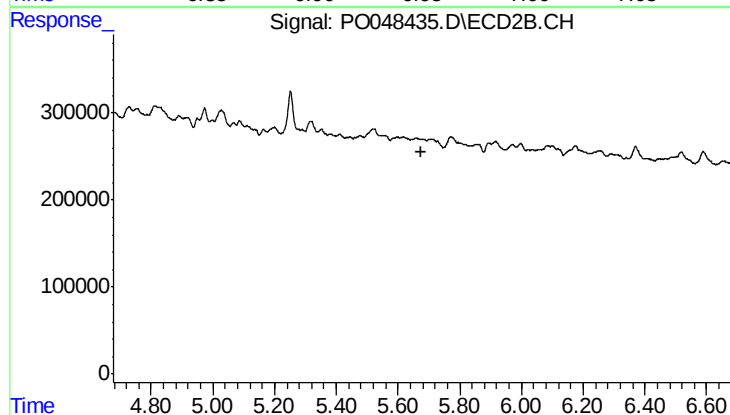
R.T.: 0.000 min
Exp R.T.: 5.531 min
Response: 0
Conc: N.D.



#27 AR-1254-2

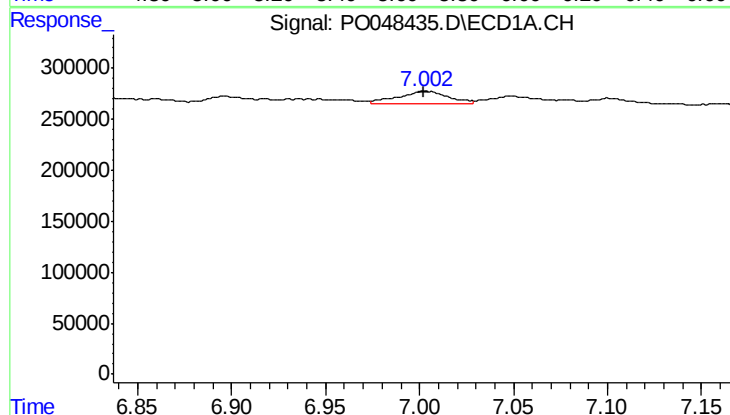
R.T.: 6.936 min
Delta R.T.: 0.020 min
Response: 91924
Conc: 12.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



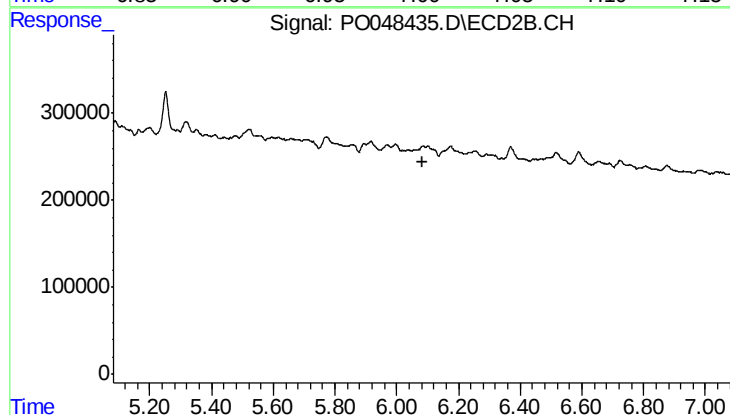
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 5.677 min
Response: 0
Conc: N.D.



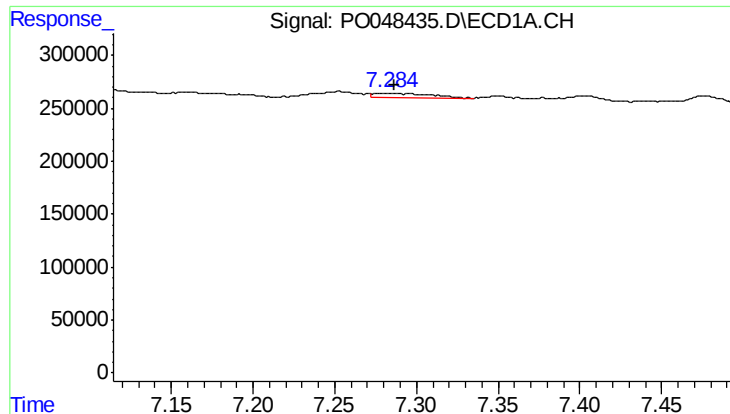
#28 AR-1254-3

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 231808
Conc: 17.77 ng/ml



#28 AR-1254-3

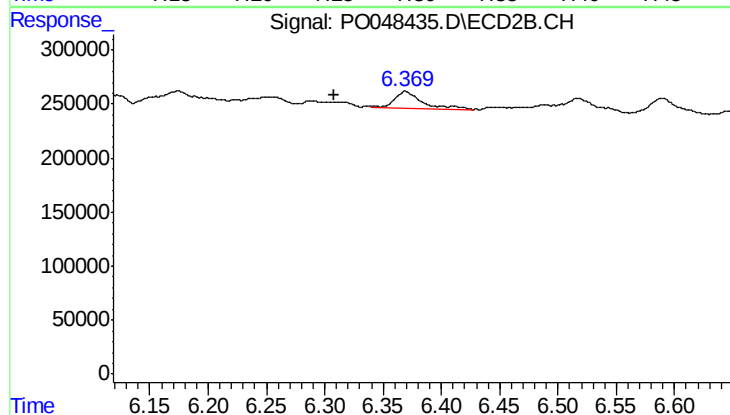
R.T.: 0.000 min
Exp R.T.: 6.082 min
Response: 0
Conc: N.D.



#29 AR-1254-4

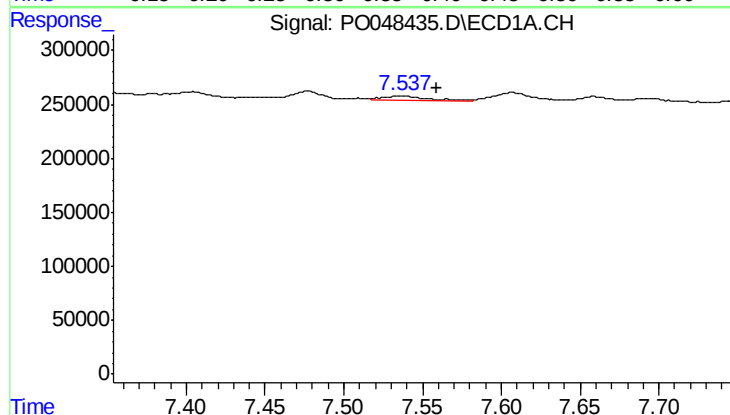
R.T.: 7.283 min
Delta R.T.: -0.003 min
Response: 111558
Conc: 11.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



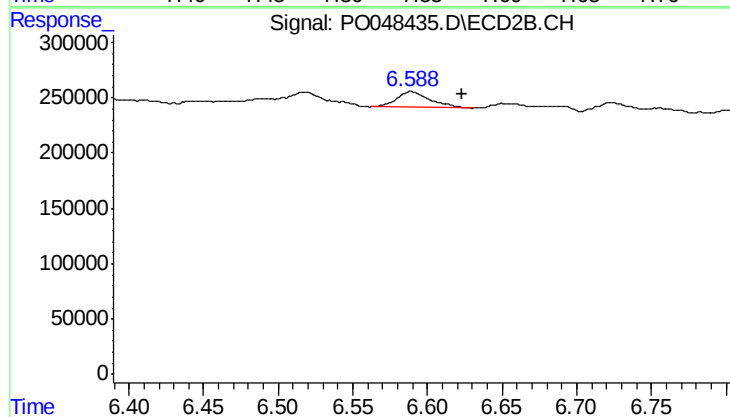
#29 AR-1254-4

R.T.: 6.369 min
Delta R.T.: 0.061 min
Response: 246249
Conc: 22.73 ng/ml



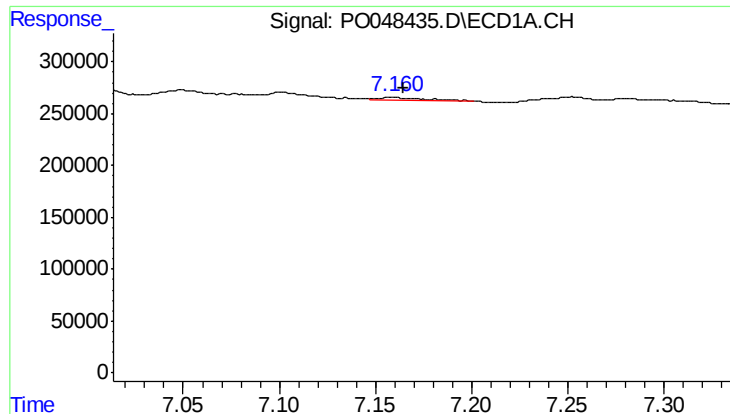
#30 AR-1254-5

R.T.: 7.536 min
Delta R.T.: -0.022 min
Response: 76258
Conc: 10.32 ng/ml



#30 AR-1254-5

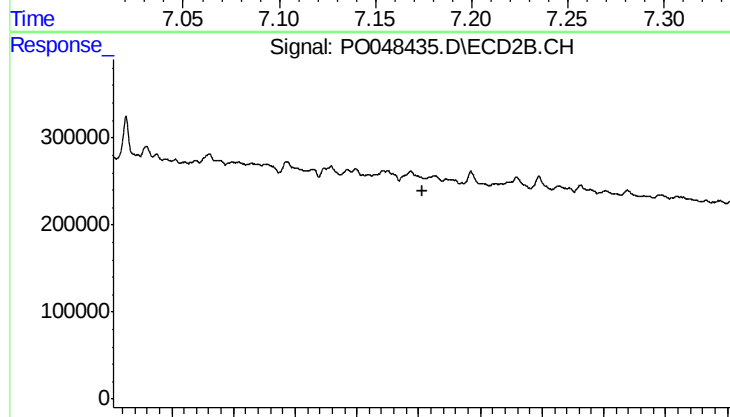
R.T.: 6.590 min
Delta R.T.: -0.034 min
Response: 229640
Conc: 30.03 ng/ml



#31 AR-1260-1

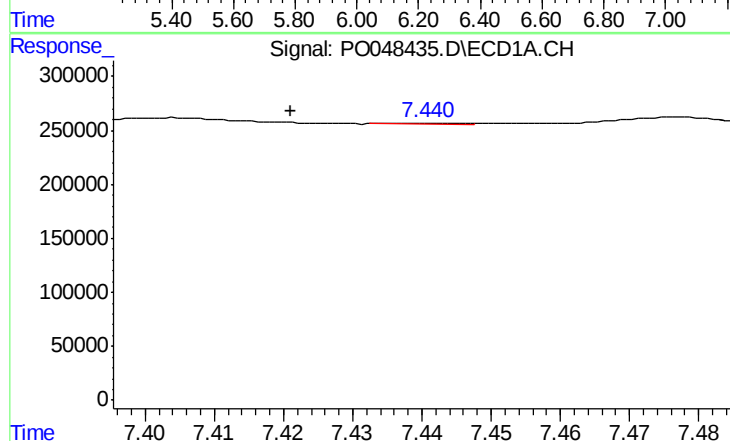
R.T.: 7.160 min
Delta R.T.: -0.005 min
Response: 38480
Conc: 4.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



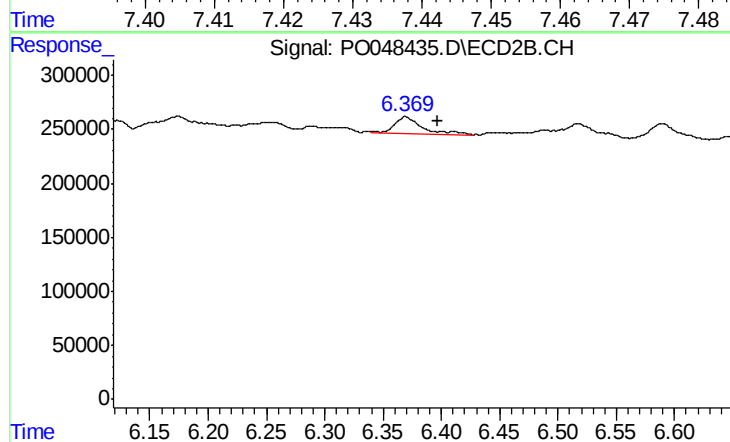
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 6.211 min
Response: 0
Conc: N.D.



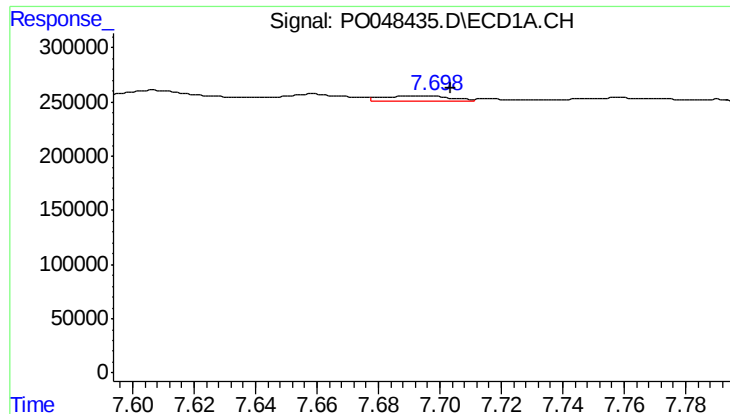
#32 AR-1260-2

R.T.: 7.439 min
Delta R.T.: 0.018 min
Response: 4575
Conc: 0.41 ng/ml



#32 AR-1260-2

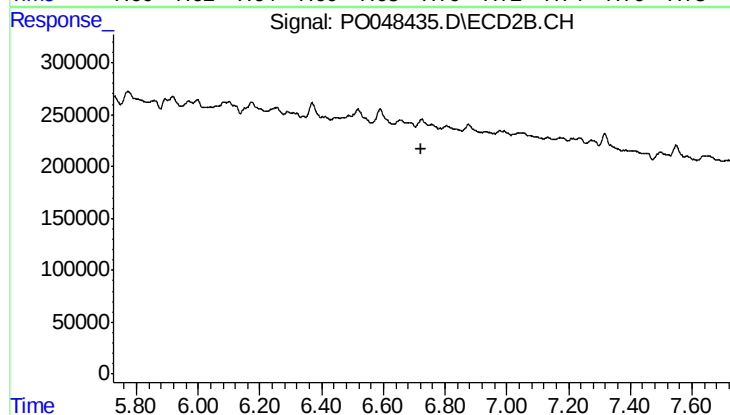
R.T.: 6.369 min
Delta R.T.: -0.028 min
Response: 246249
Conc: 18.37 ng/ml



#33 AR-1260-3

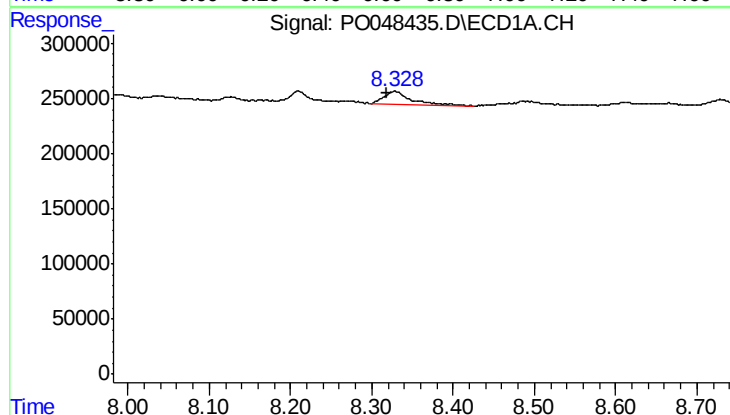
R.T.: 7.694 min
Delta R.T.: -0.009 min
Response: 70972
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



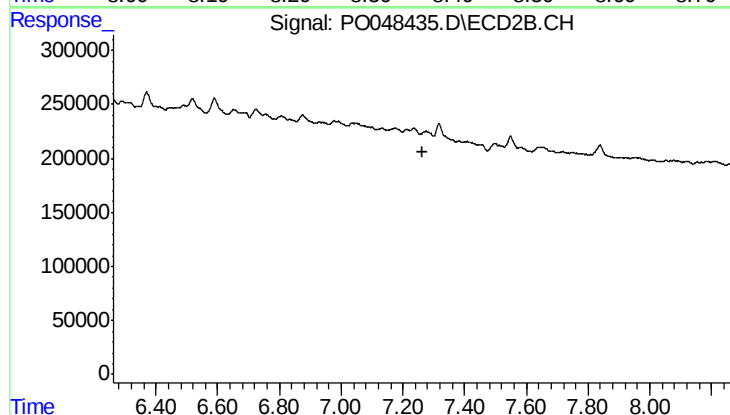
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 6.725 min
Response: 0
Conc: N.D.



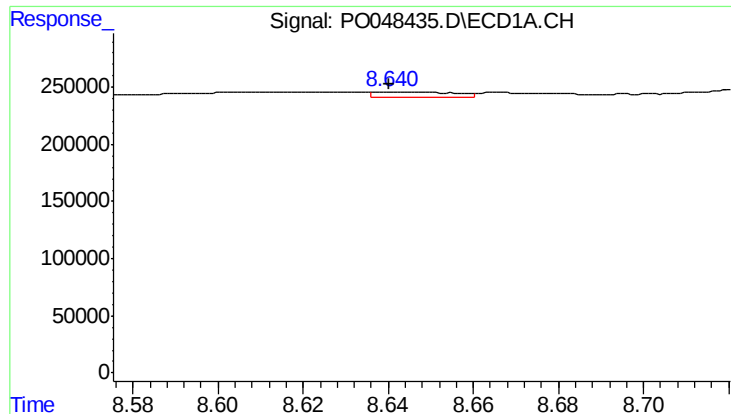
#34 AR-1260-4

R.T.: 8.328 min
Delta R.T.: 0.010 min
Response: 304637
Conc: 17.13 ng/ml



#34 AR-1260-4

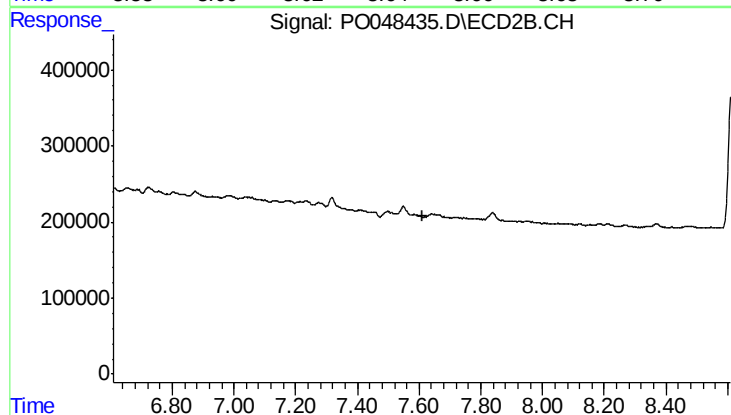
R.T.: 0.000 min
Exp R.T.: 7.262 min
Response: 0
Conc: N.D.



#35 AR-1260-5

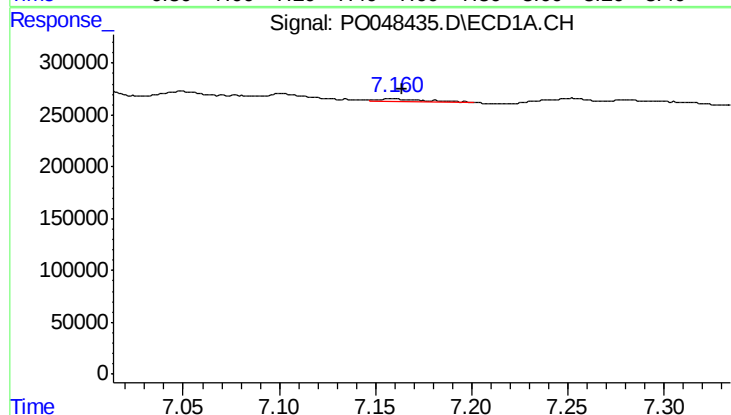
R.T.: 8.642 min
Delta R.T.: 0.001 min
Response: 56973
Conc: 4.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



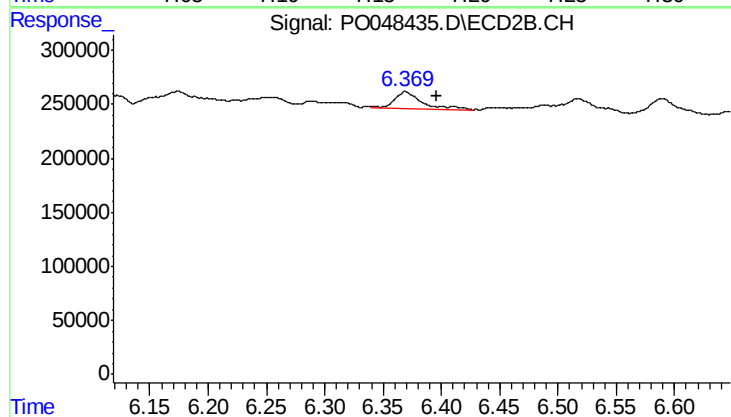
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.609 min
Response: 0
Conc: N.D.



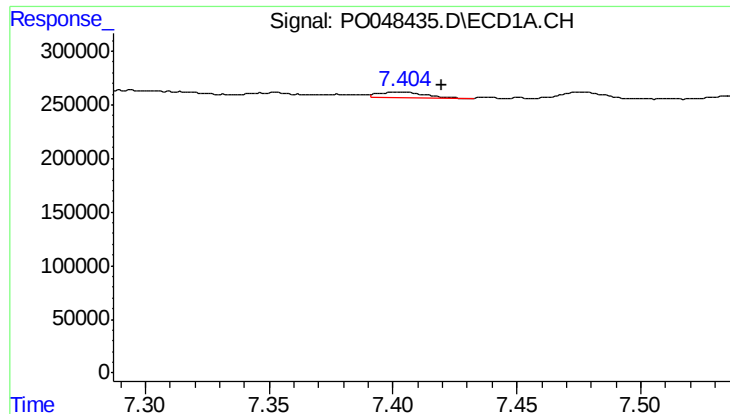
#36 AR-1262-1

R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 38480
Conc: 4.64 ng/ml



#36 AR-1262-1

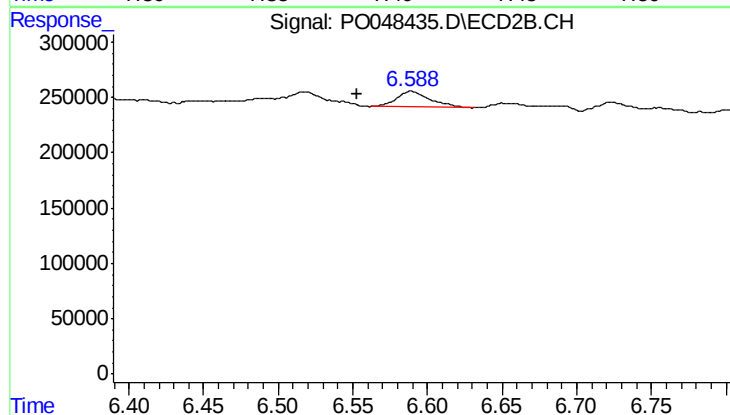
R.T.: 6.369 min
Delta R.T.: -0.027 min
Response: 246249
Conc: 21.72 ng/ml



#37 AR-1262-2

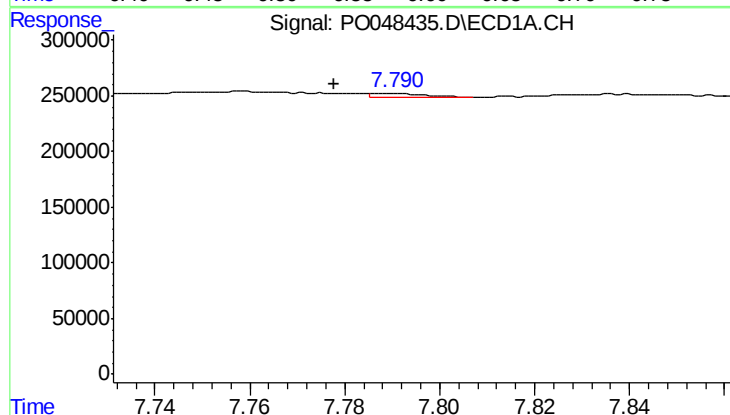
R.T.: 7.403 min
Delta R.T.: -0.017 min
Response: 63777
Conc: 6.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



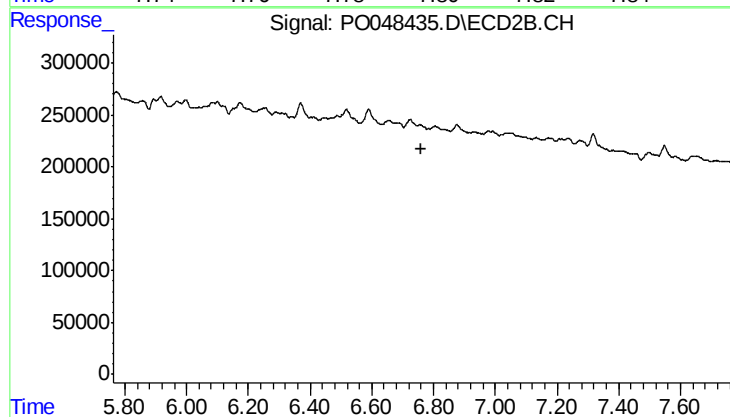
#37 AR-1262-2

R.T.: 6.590 min
Delta R.T.: 0.036 min
Response: 229640
Conc: 20.35 ng/ml



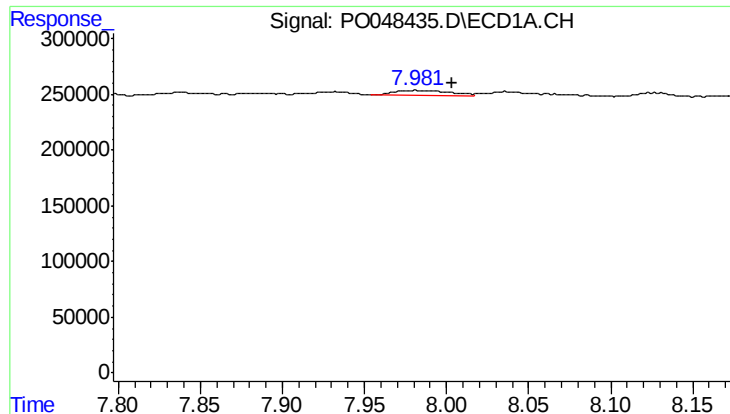
#38 AR-1262-3

R.T.: 7.790 min
Delta R.T.: 0.013 min
Response: 25737
Conc: 2.10 ng/ml



#38 AR-1262-3

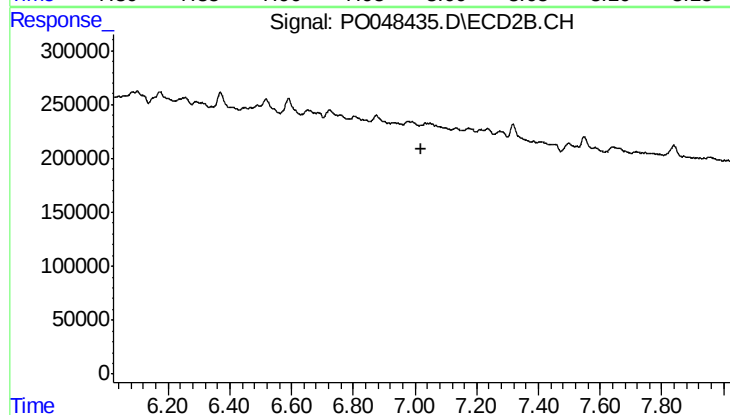
R.T.: 0.000 min
Exp R.T.: 6.762 min
Response: 0
Conc: N.D.



#39 AR-1262-4

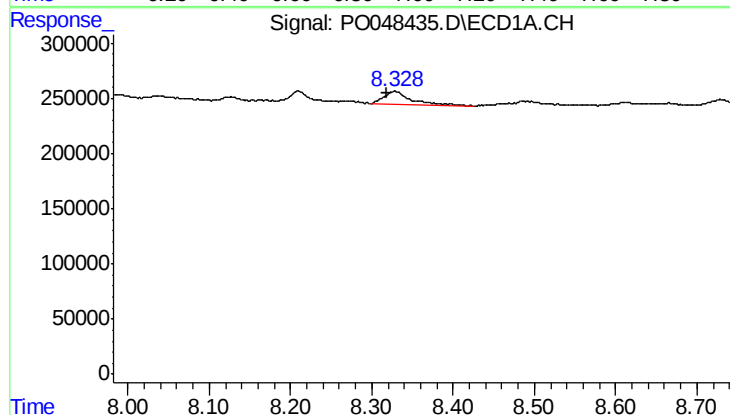
R.T.: 7.981 min
Delta R.T.: -0.022 min
Response: 100354
Conc: 8.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



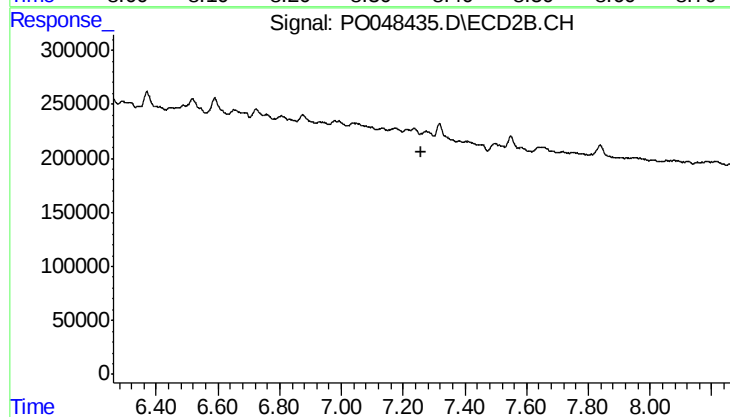
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 7.022 min
Response: 0
Conc: N.D.



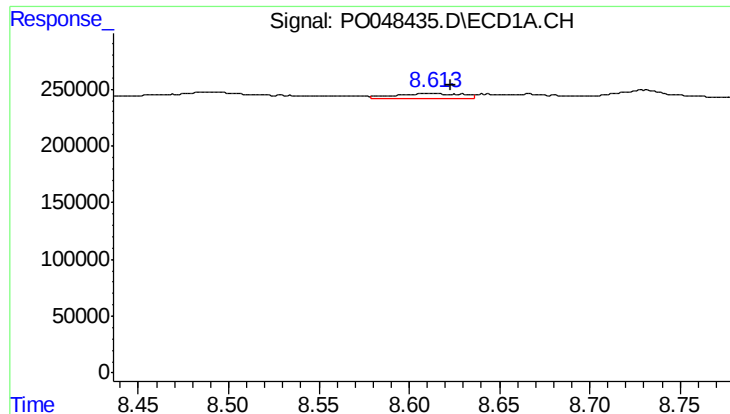
#40 AR-1262-5

R.T.: 8.328 min
Delta R.T.: 0.010 min
Response: 304637
Conc: 14.18 ng/ml



#40 AR-1262-5

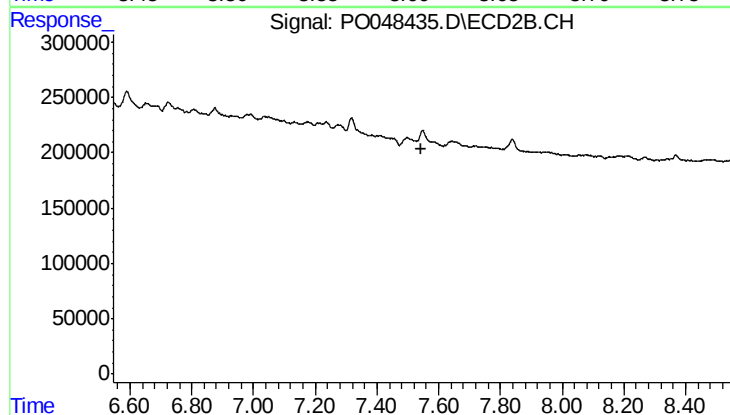
R.T.: 0.000 min
Exp R.T.: 7.261 min
Response: 0
Conc: N.D.



#41 AR-1268-1

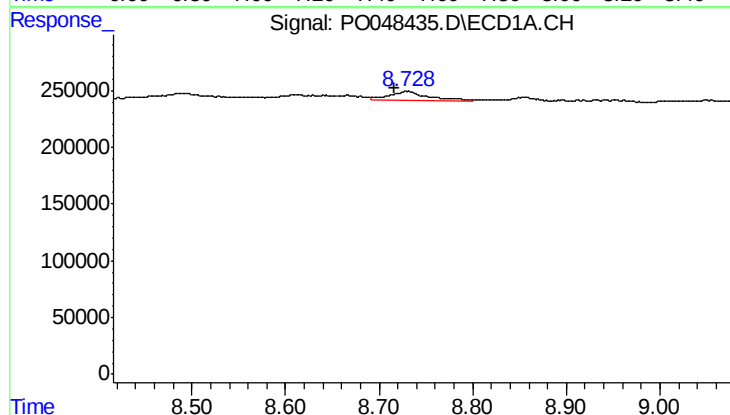
R.T.: 8.614 min
Delta R.T.: -0.009 min
Response: 118021
Conc: 5.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



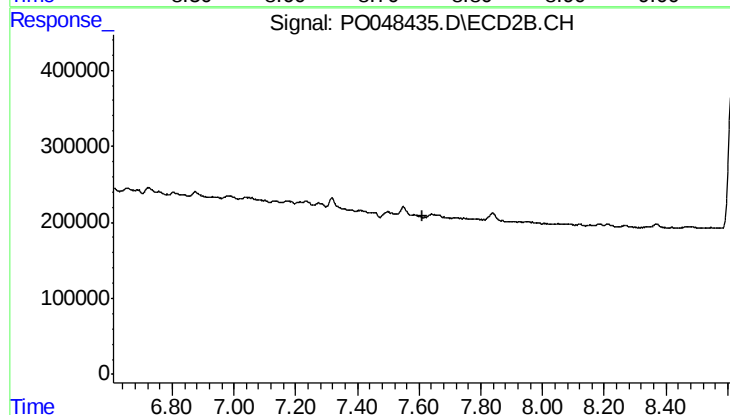
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.546 min
Response: 0
Conc: N.D.



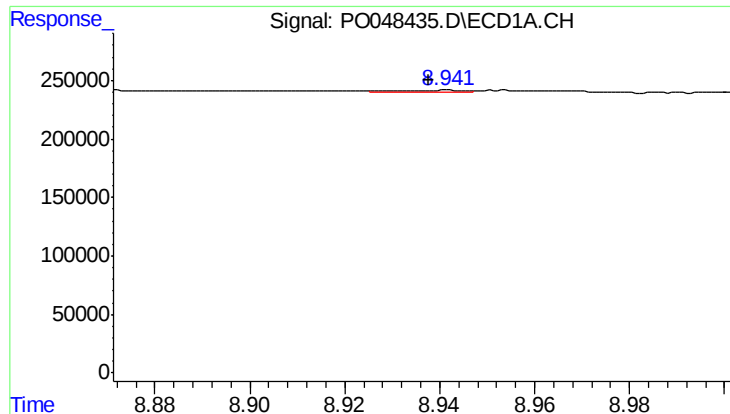
#42 AR-1268-2

R.T.: 8.730 min
Delta R.T.: 0.014 min
Response: 255135
Conc: 11.91 ng/ml



#42 AR-1268-2

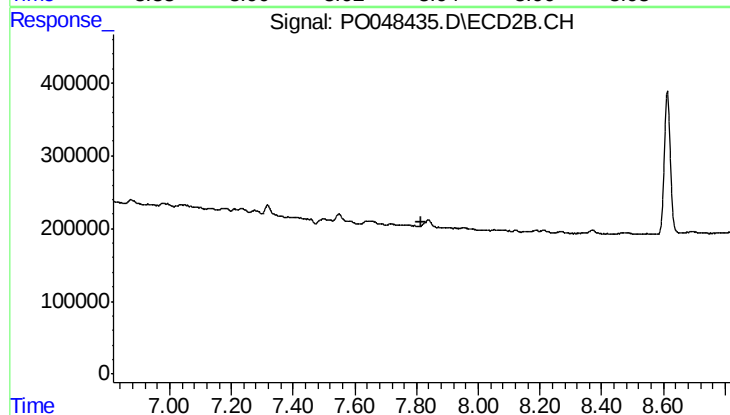
R.T.: 0.000 min
Exp R.T.: 7.609 min
Response: 0
Conc: N.D.



#43 AR-1268-3

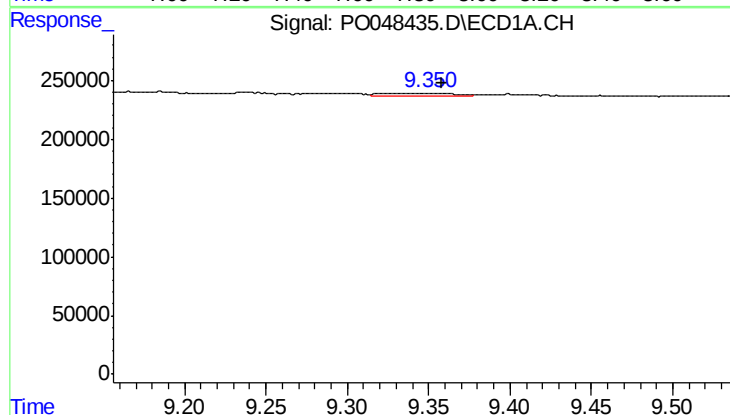
R.T.: 8.931 min
Delta R.T.: -0.006 min
Response: 20585
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



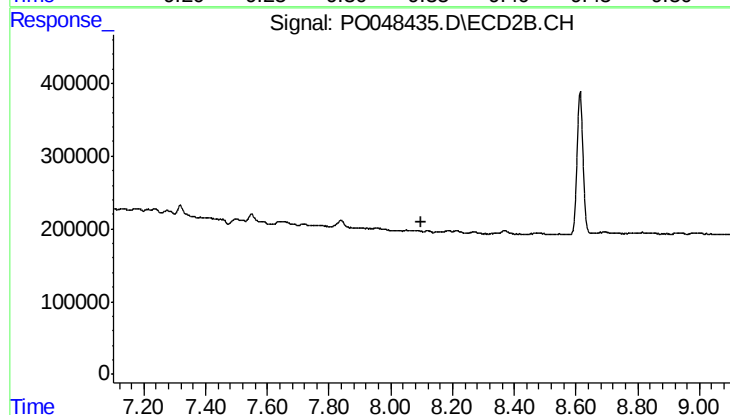
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 7.817 min
Response: 0
Conc: N.D.



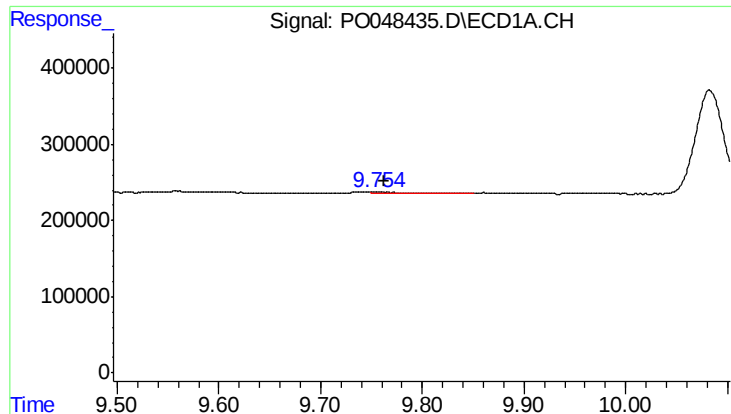
#44 AR-1268-4

R.T.: 9.340 min
Delta R.T.: -0.017 min
Response: 63791
Conc: 8.00 ng/ml



#44 AR-1268-4

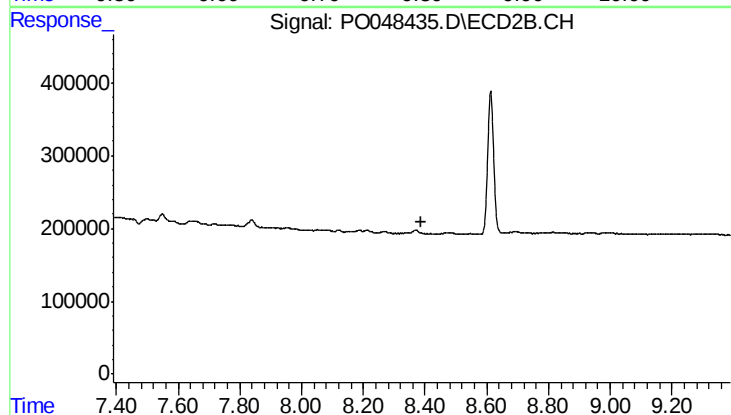
R.T.: 0.000 min
Exp R.T.: 8.101 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.755 min
Delta R.T.: -0.008 min
Response: 73050
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.390 min
Response: 0
Conc: N.D.