

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082018\
 Data File : P0048285.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Aug 2018 12:13
 Operator : SM/SJ
 Sample : J4521-16RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 72-11990RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 12:50:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.386	3.628	2299218	3057307	11.388	12.442
2) SA Decachlor...	10.068	8.608	1742780	1527963	10.685	9.720
Target Compounds						
3) L1 AR-1016-1	5.299	4.531	127191	347691	26.629	60.817 #
4) L1 AR-1016-2	5.663	4.920	135906	150245	23.086	28.615
5) L1 AR-1016-3	5.734	5.010	43667	157607	8.805	35.894 #
6) L1 AR-1016-4	6.012	5.010	804602	157607	172.982	30.394 #
7) L1 AR-1016-5	6.172	5.188	69768	1611145	13.383	274.679 #
9) L2 AR-1221-2	4.694	3.935	120125	83083	73.462	45.799 #
10) L2 AR-1221-3	4.777	4.008	148173	135728	28.700	23.480
11) L3 AR-1232-1	5.119	4.303	31605	546253	14.697	232.277 #
12) L3 AR-1232-2	5.564	4.702	300009	320938	101.959	105.023
13) L3 AR-1232-3	5.599	4.779	155951	160695	36.299	34.799
14) L3 AR-1232-4	5.637	4.779	47596	160695	17.196	51.982 #
15) L3 AR-1232-5	5.734	5.010	43667	157607	19.554	88.062 #
16) L4 AR-1242-1	5.599	4.779	155951	160695	21.218	20.066
17) L4 AR-1242-2	5.663	4.920	135906	150245	29.364	36.470
18) L4 AR-1242-3	5.734	5.010	43667	157607	11.366	37.581 #
19) L4 AR-1242-4	6.012	5.188	804602	1611145	209.300	341.183 #
20) L4 AR-1242-5	6.172	5.343	69768	994718	16.299	256.920 #
21) L5 AR-1248-1	6.012	5.188	804602	1611145	128.673	215.965 #
22) L5 AR-1248-2	6.172	5.343	69768	994718	12.807	185.930 #
23) L5 AR-1248-3	6.407	5.533	5474297	8361923	777.894	840.358
24) L5 AR-1248-4	6.496	5.597	138934	1061249	20.696	151.431 #
25) L5 AR-1248-5	6.621	6.105	248493	1937927	35.109	406.635 #
26) L6 AR-1254-1	6.621	5.533	248493	8361923	20.320	679.554 #
27) L6 AR-1254-2	6.943	5.659	848424	667642	113.763	64.136 #
28) L6 AR-1254-3	6.998	6.105	3879426	1937927	297.470	111.662 #
29) L6 AR-1254-4	7.273	6.329	1056886	918961	108.439	84.812
30) L6 AR-1254-5	7.540	6.646	1374149	109359	186.003	14.300 #
31) L7 AR-1260-1	7.149	6.234	3072913	899775	327.705	81.427 #
32) L7 AR-1260-2	7.404	6.361	1306273	3763883	117.142	280.718 #
33) L7 AR-1260-3	7.712	6.735	927897	172967	72.120	11.898 #
34) L7 AR-1260-4	8.301	7.234	545745	290468	30.681	13.201 #
35) L7 AR-1260-5	8.611	7.549	378057	25336489	33.106	1624.170 #
36) L8 AR-1262-1	7.149	6.361	3072913	3763883	370.923	331.970
37) L8 AR-1262-2	7.404	6.525	1306273	-207436	134.783	N.D. #
38) L8 AR-1262-3	7.765	6.789	359154	213672	29.265	14.158 #
39) L8 AR-1262-4	7.985	7.035	315951	40573	26.831	3.081 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082018\
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 Operator : SM/SJ
 Sample : J4521-16RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

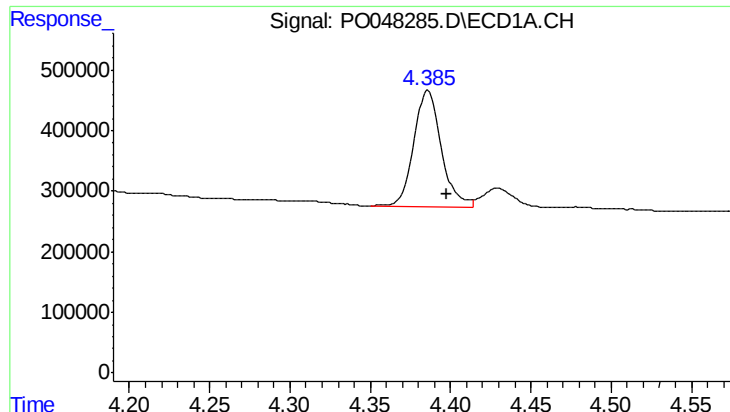
Instrument :
 ECD_O
 ClientSampleId :
 72-11990RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 12:50:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072718.M
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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
40) L8	AR-1262-5	8.301	7.234	545745	290468	25.400	11.246 #
41) L9	AR-1268-1	8.611	7.549	378057	25336489	16.289	974.502 #
42) L9	AR-1268-2	8.699	7.549	399123	25336489	18.628	1017.008 #
43) L9	AR-1268-3	8.953	7.787	85769	67430	4.751	3.417 #
44) L9	AR-1268-4	9.339	8.117	351253	7986	44.050	0.952 #
45) L9	AR-1268-5	9.742	8.358	294422	182170	5.403	3.337 #

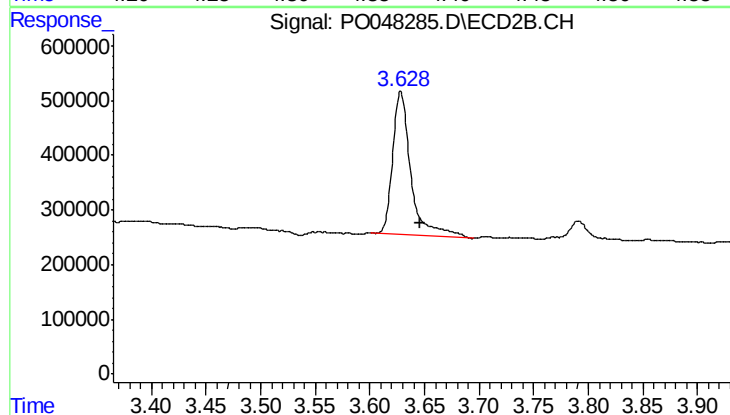
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

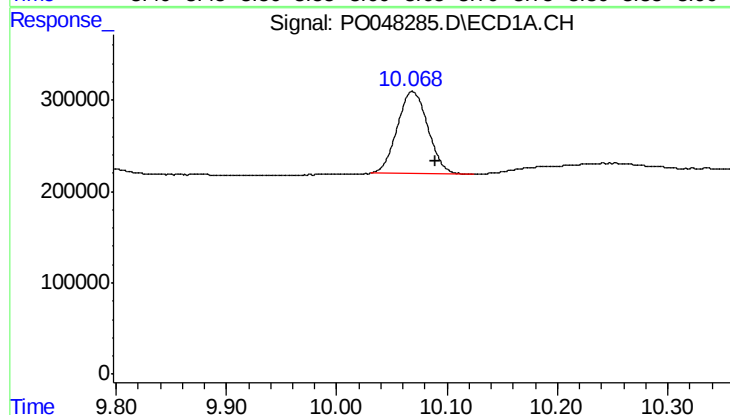
R.T.: 4.386 min
Delta R.T.: -0.012 min
Response: 2299218
Conc: 11.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



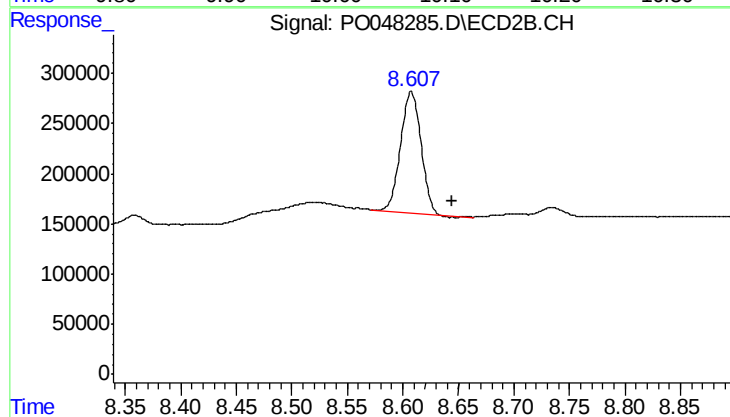
#1 Tetrachloro-m-xylene

R.T.: 3.628 min
Delta R.T.: -0.017 min
Response: 3057307
Conc: 12.44 ng/ml



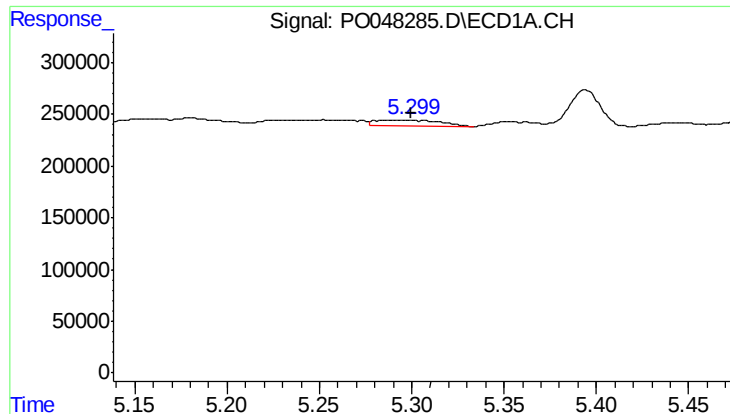
#2 Decachlorobiphenyl

R.T.: 10.068 min
Delta R.T.: -0.021 min
Response: 1742780
Conc: 10.69 ng/ml



#2 Decachlorobiphenyl

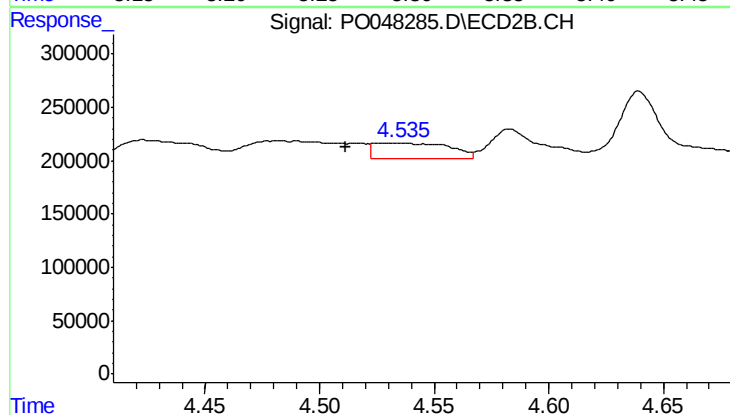
R.T.: 8.608 min
Delta R.T.: -0.037 min
Response: 1527963
Conc: 9.72 ng/ml



#3 AR-1016-1

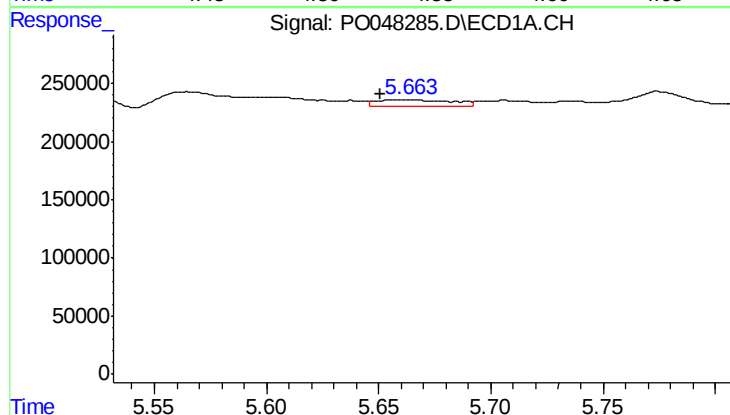
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 127191
Conc: 26.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



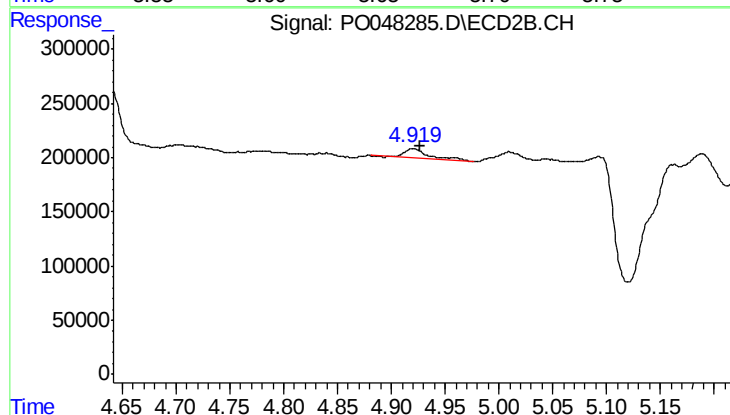
#3 AR-1016-1

R.T.: 4.531 min
Delta R.T.: 0.020 min
Response: 347691
Conc: 60.82 ng/ml



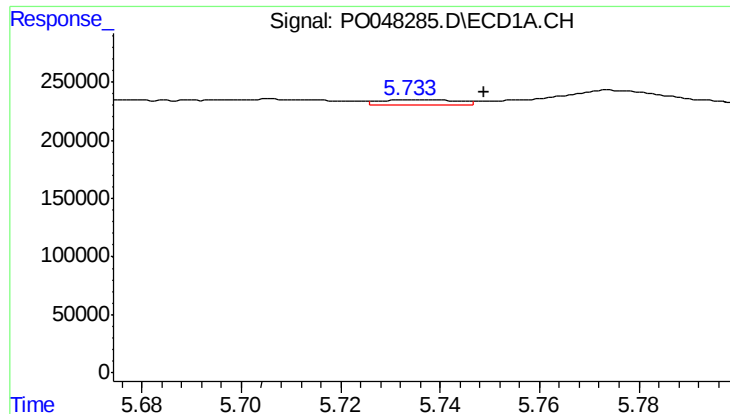
#4 AR-1016-2

R.T.: 5.663 min
Delta R.T.: 0.012 min
Response: 135906
Conc: 23.09 ng/ml



#4 AR-1016-2

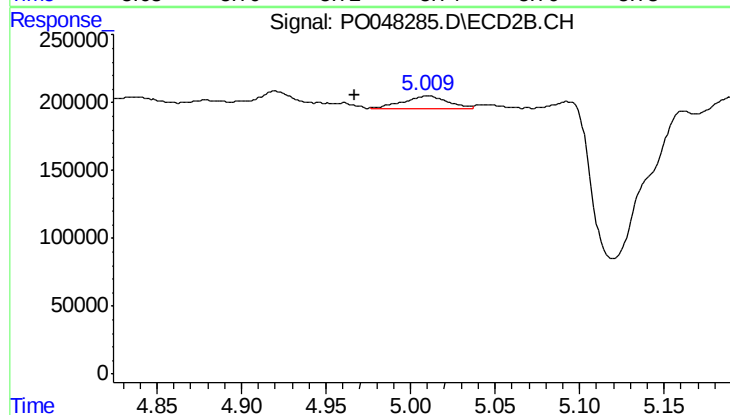
R.T.: 4.920 min
Delta R.T.: -0.006 min
Response: 150245
Conc: 28.62 ng/ml



#5 AR-1016-3

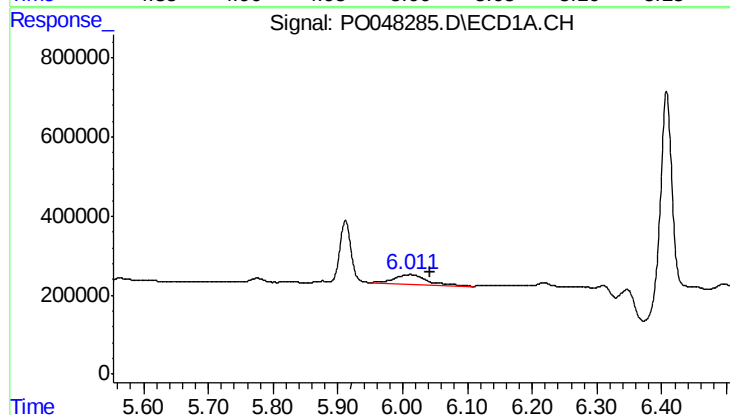
R.T.: 5.734 min
Delta R.T.: -0.015 min
Response: 43667
Conc: 8.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



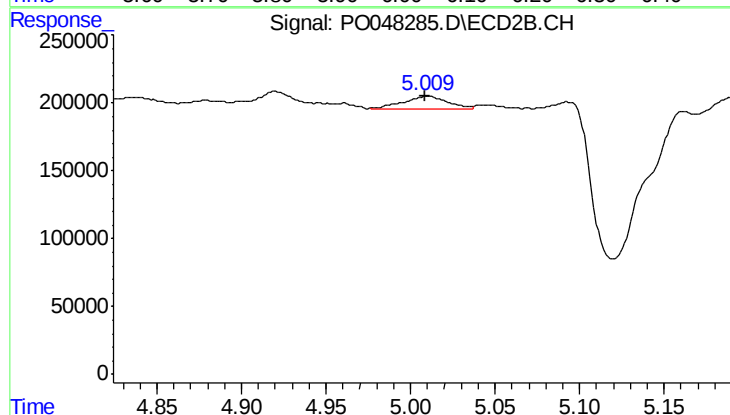
#5 AR-1016-3

R.T.: 5.010 min
Delta R.T.: 0.043 min
Response: 157607
Conc: 35.89 ng/ml



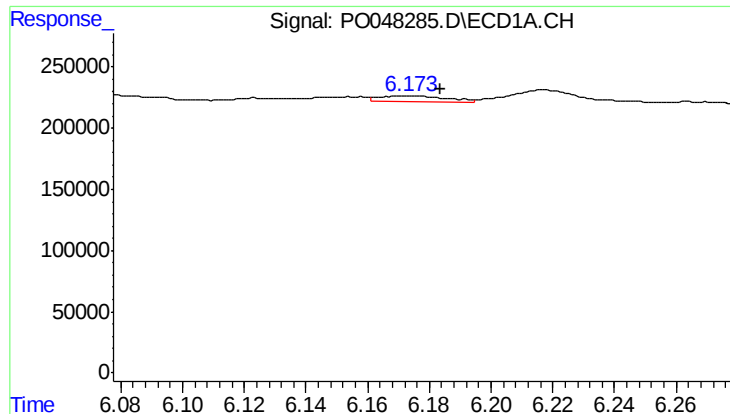
#6 AR-1016-4

R.T.: 6.012 min
Delta R.T.: -0.030 min
Response: 804602
Conc: 172.98 ng/ml



#6 AR-1016-4

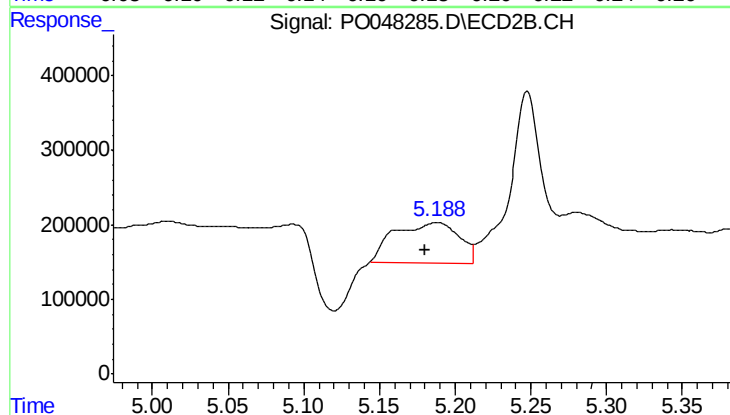
R.T.: 5.010 min
Delta R.T.: 0.001 min
Response: 157607
Conc: 30.39 ng/ml



#7 AR-1016-5

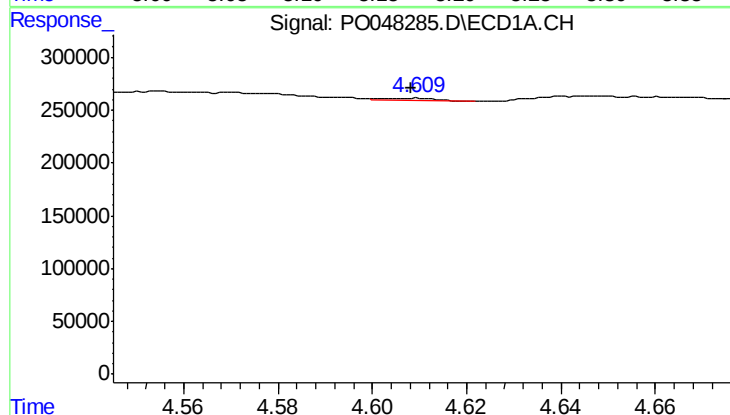
R.T.: 6.172 min
Delta R.T.: -0.011 min
Response: 69768
Conc: 13.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



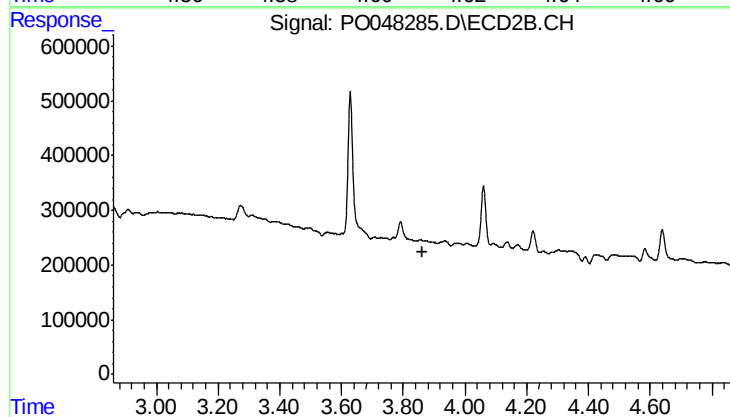
#7 AR-1016-5

R.T.: 5.188 min
Delta R.T.: 0.008 min
Response: 161145
Conc: 274.68 ng/ml



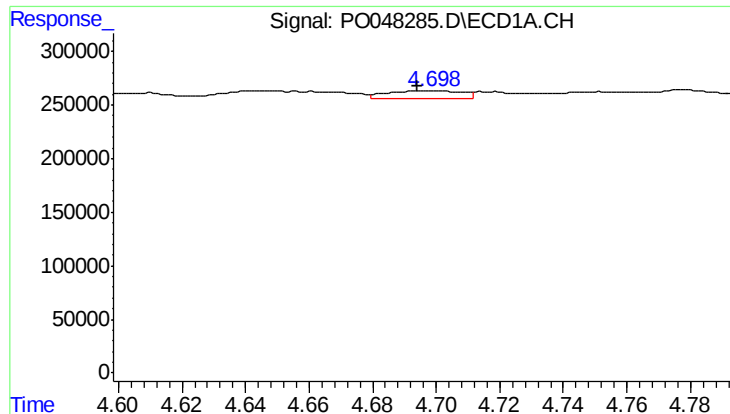
#8 AR-1221-1

R.T.: 4.609 min
Delta R.T.: 0.000 min
Response: 15162
Conc: 6.86 ng/ml



#8 AR-1221-1

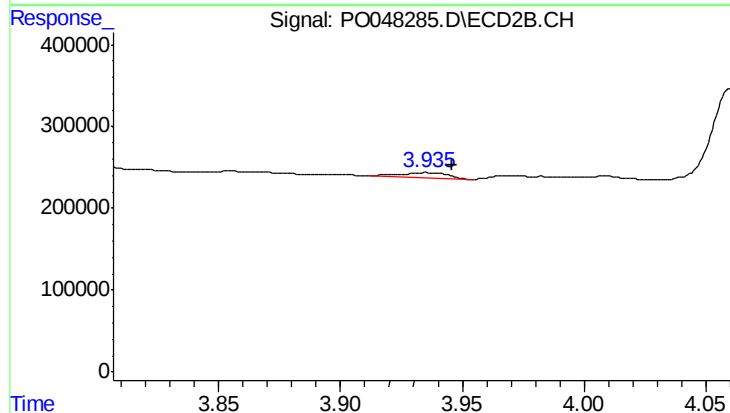
R.T.: 3.854 min
Delta R.T.: -0.007 min
Response: -30109
Conc: N.D.



#9 AR-1221-2

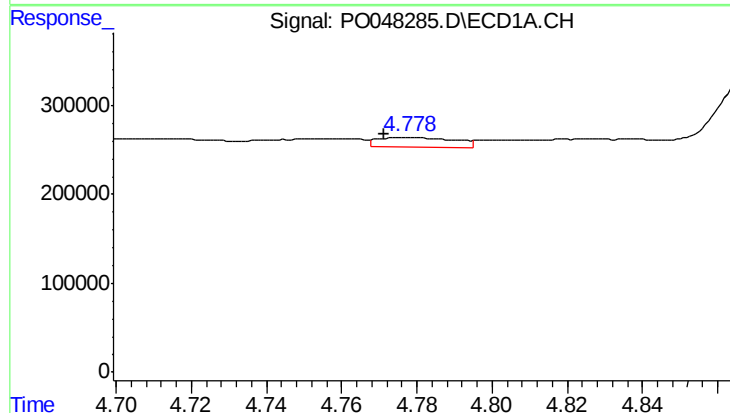
R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 120125
Conc: 73.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



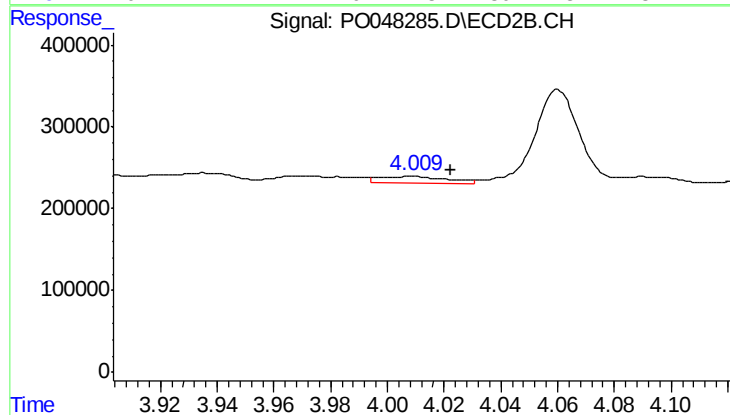
#9 AR-1221-2

R.T.: 3.935 min
Delta R.T.: -0.010 min
Response: 83083
Conc: 45.80 ng/ml



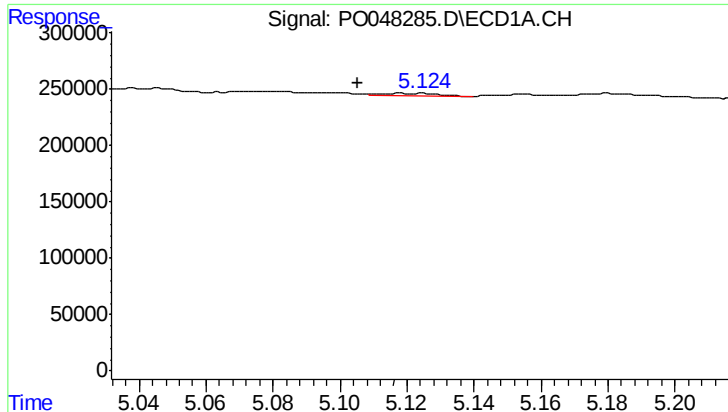
#10 AR-1221-3

R.T.: 4.777 min
Delta R.T.: 0.006 min
Response: 148173
Conc: 28.70 ng/ml



#10 AR-1221-3

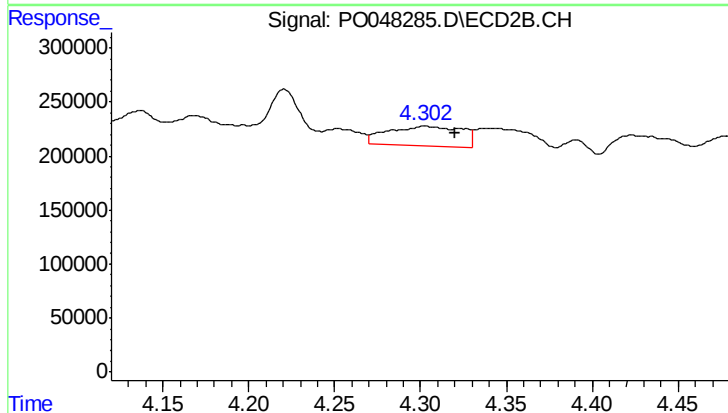
R.T.: 4.008 min
Delta R.T.: -0.015 min
Response: 135728
Conc: 23.48 ng/ml



#11 AR-1232-1

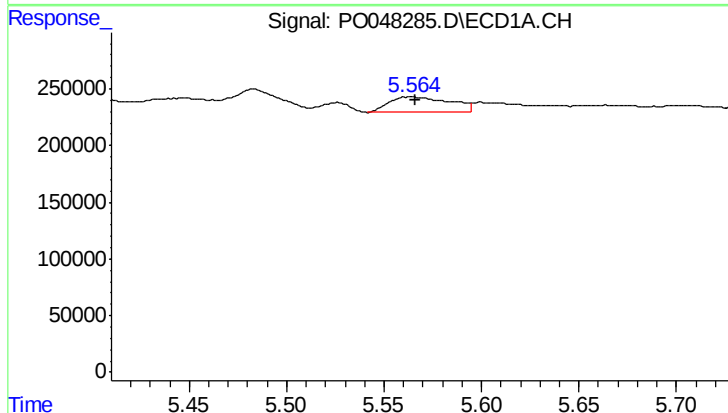
R.T.: 5.119 min
Delta R.T.: 0.013 min
Response: 31605
Conc: 14.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



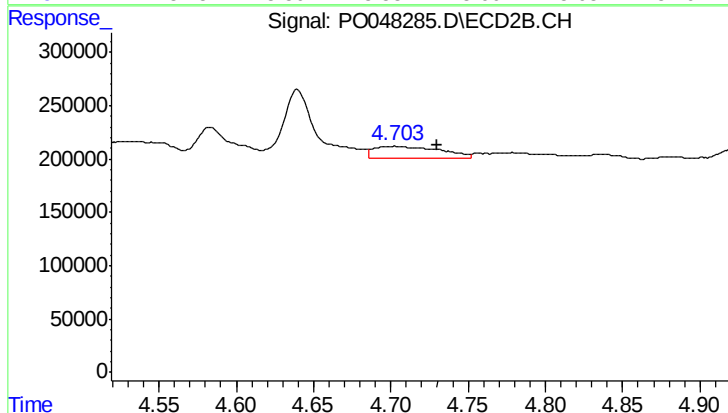
#11 AR-1232-1

R.T.: 4.303 min
Delta R.T.: -0.017 min
Response: 546253
Conc: 232.28 ng/ml



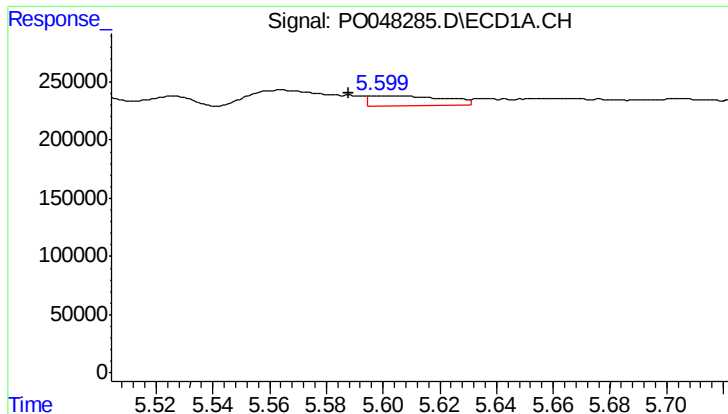
#12 AR-1232-2

R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 300009
Conc: 101.96 ng/ml



#12 AR-1232-2

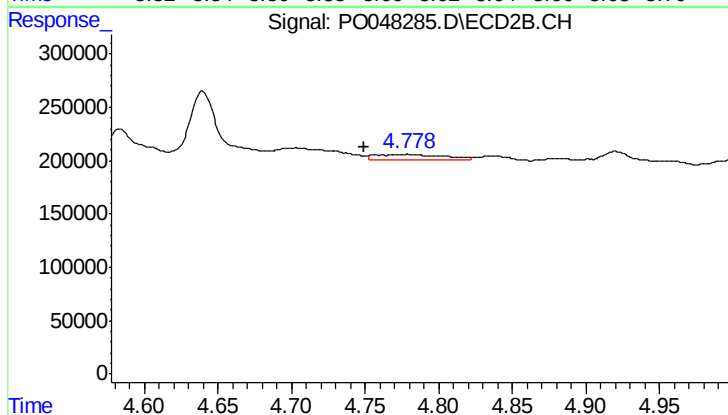
R.T.: 4.702 min
Delta R.T.: -0.027 min
Response: 320938
Conc: 105.02 ng/ml



#13 AR-1232-3

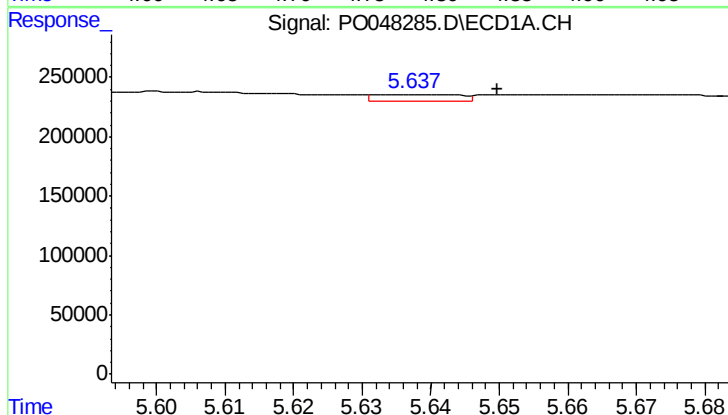
R.T.: 5.599 min
Delta R.T.: 0.011 min
Response: 155951
Conc: 36.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



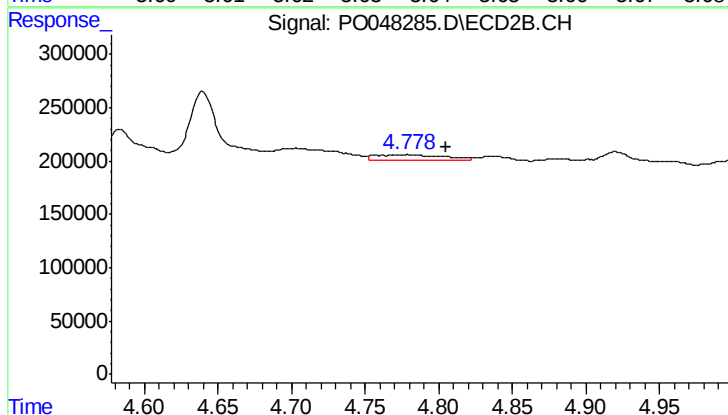
#13 AR-1232-3

R.T.: 4.779 min
Delta R.T.: 0.029 min
Response: 160695
Conc: 34.80 ng/ml



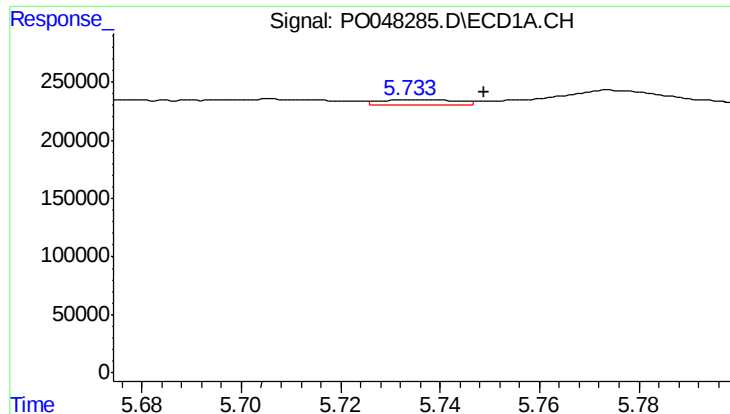
#14 AR-1232-4

R.T.: 5.637 min
Delta R.T.: -0.012 min
Response: 47596
Conc: 17.20 ng/ml



#14 AR-1232-4

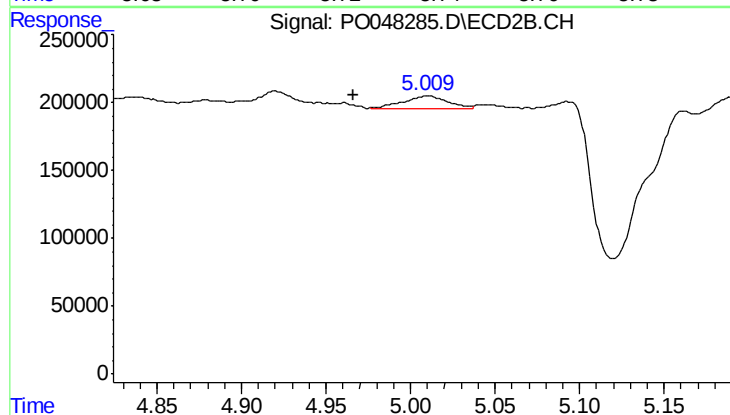
R.T.: 4.779 min
Delta R.T.: -0.027 min
Response: 160695
Conc: 51.98 ng/ml



#15 AR-1232-5

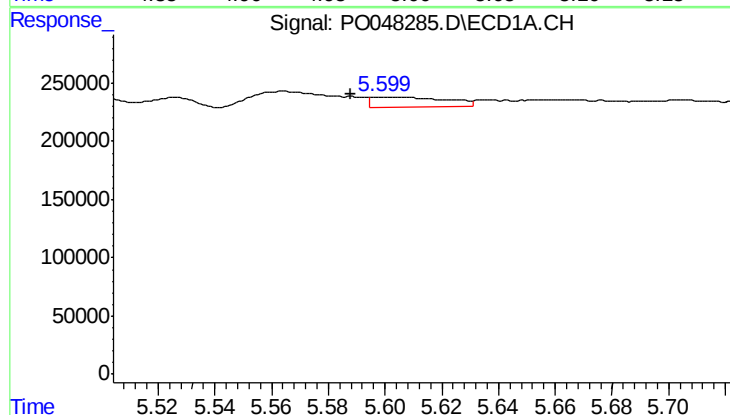
R.T.: 5.734 min
Delta R.T.: -0.015 min
Response: 43667
Conc: 19.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
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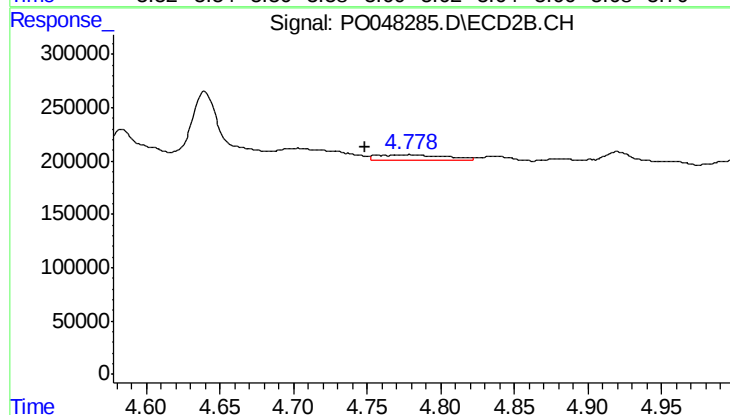
#15 AR-1232-5

R.T.: 5.010 min
Delta R.T.: 0.043 min
Response: 157607
Conc: 88.06 ng/ml



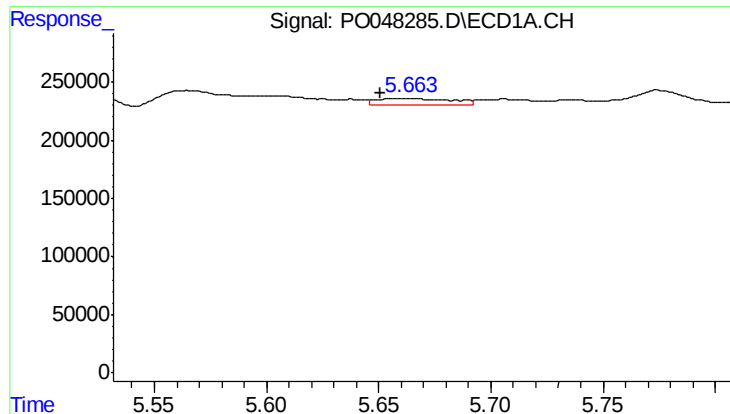
#16 AR-1242-1

R.T.: 5.599 min
Delta R.T.: 0.012 min
Response: 155951
Conc: 21.22 ng/ml



#16 AR-1242-1

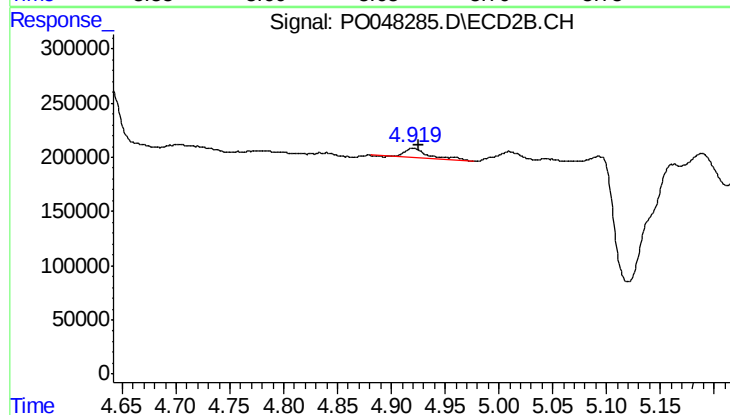
R.T.: 4.779 min
Delta R.T.: 0.030 min
Response: 160695
Conc: 20.07 ng/ml



#17 AR-1242-2

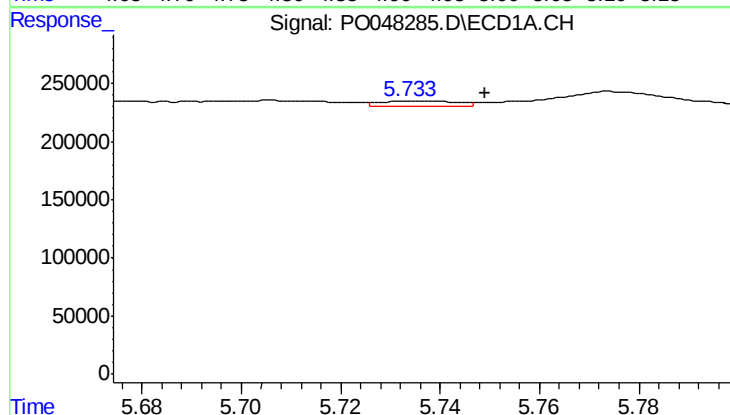
R.T.: 5.663 min
Delta R.T.: 0.012 min
Response: 135906
Conc: 29.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
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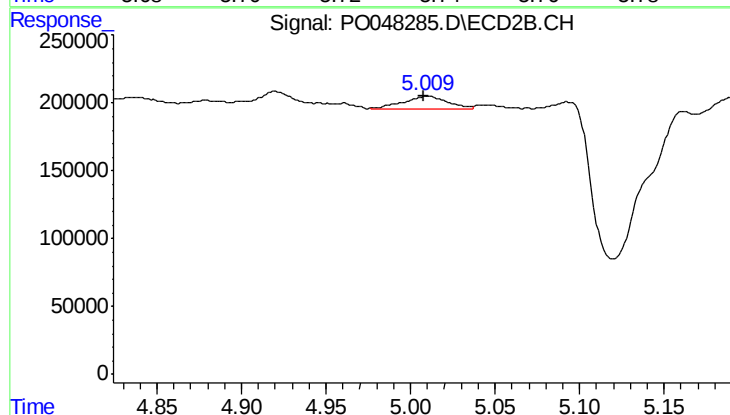
#17 AR-1242-2

R.T.: 4.920 min
Delta R.T.: -0.006 min
Response: 150245
Conc: 36.47 ng/ml



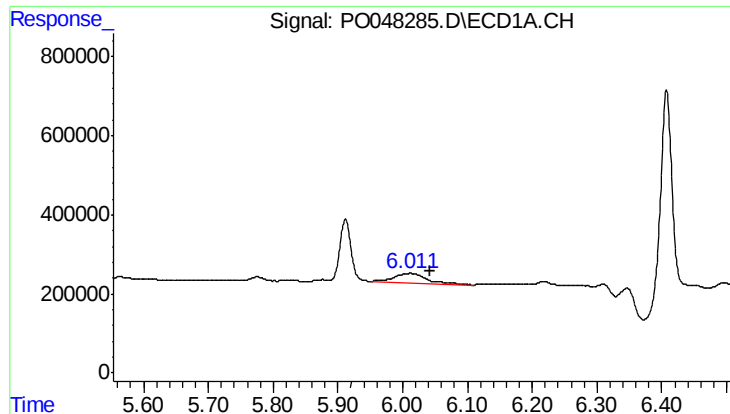
#18 AR-1242-3

R.T.: 5.734 min
Delta R.T.: -0.015 min
Response: 43667
Conc: 11.37 ng/ml



#18 AR-1242-3

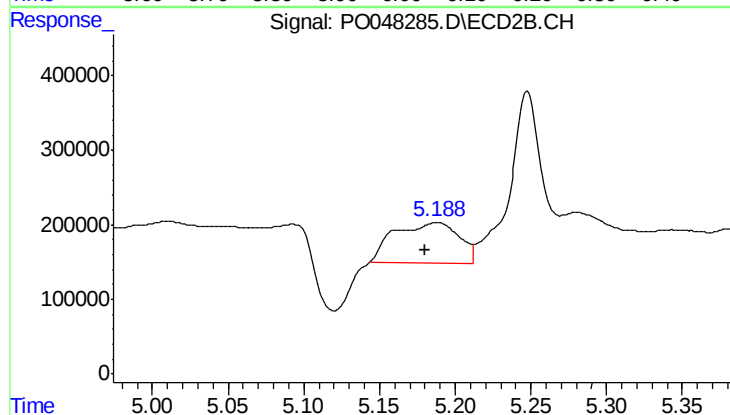
R.T.: 5.010 min
Delta R.T.: 0.002 min
Response: 157607
Conc: 37.58 ng/ml



#19 AR-1242-4

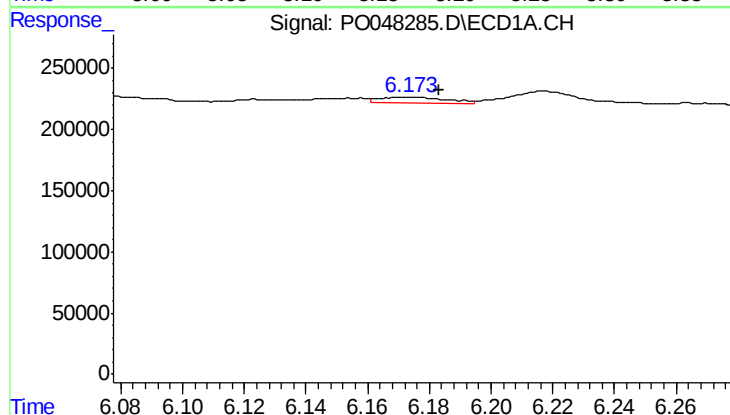
R.T.: 6.012 min
Delta R.T.: -0.030 min
Response: 804602
Conc: 209.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



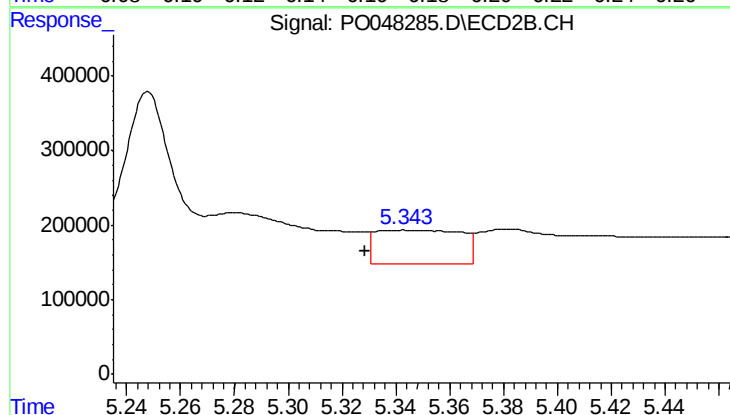
#19 AR-1242-4

R.T.: 5.188 min
Delta R.T.: 0.008 min
Response: 1611145
Conc: 341.18 ng/ml



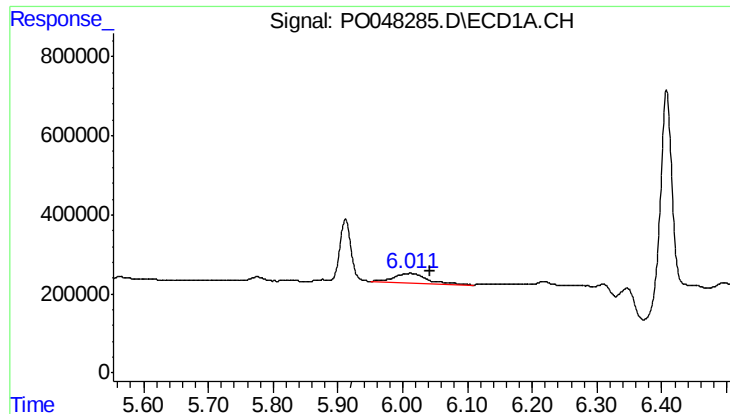
#20 AR-1242-5

R.T.: 6.172 min
Delta R.T.: -0.011 min
Response: 69768
Conc: 16.30 ng/ml



#20 AR-1242-5

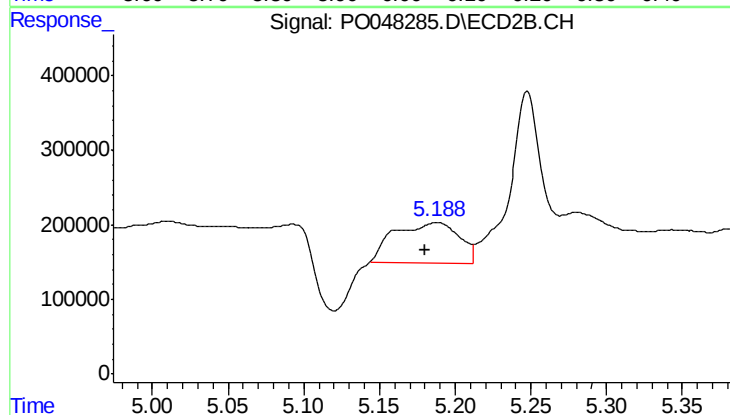
R.T.: 5.343 min
Delta R.T.: 0.014 min
Response: 994718
Conc: 256.92 ng/ml



#21 AR-1248-1

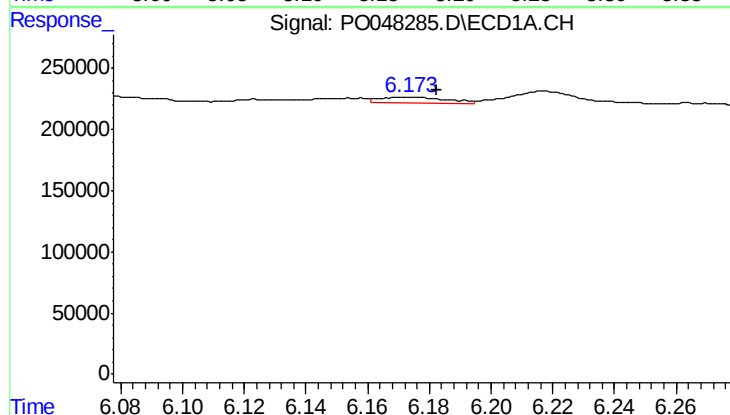
R.T.: 6.012 min
Delta R.T.: -0.031 min
Response: 804602
Conc: 128.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



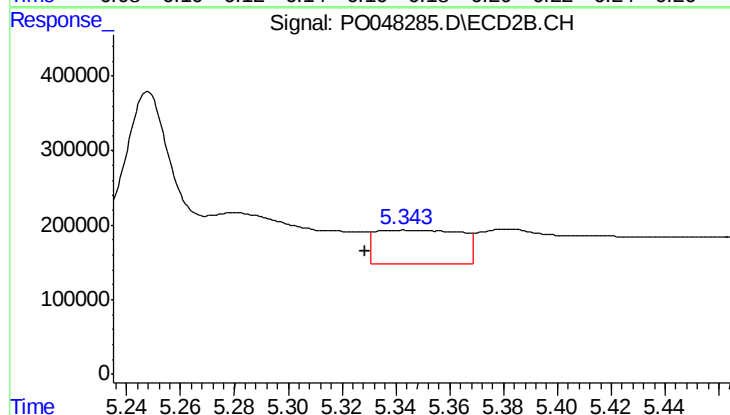
#21 AR-1248-1

R.T.: 5.188 min
Delta R.T.: 0.008 min
Response: 1611145
Conc: 215.97 ng/ml



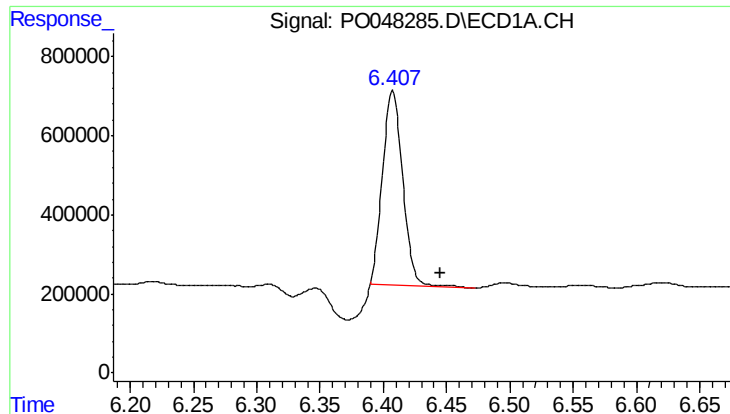
#22 AR-1248-2

R.T.: 6.172 min
Delta R.T.: -0.010 min
Response: 69768
Conc: 12.81 ng/ml



#22 AR-1248-2

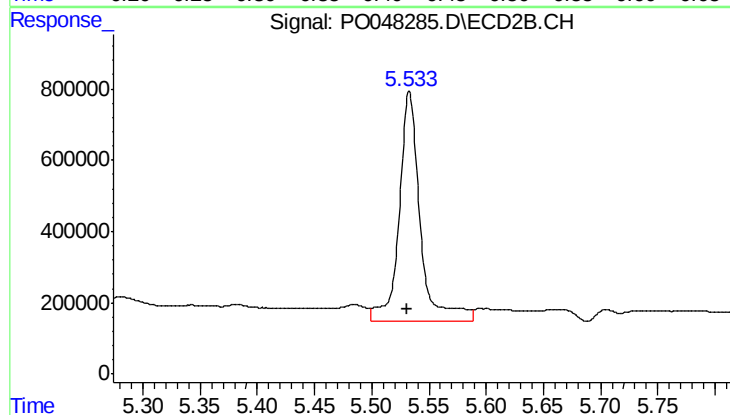
R.T.: 5.343 min
Delta R.T.: 0.015 min
Response: 994718
Conc: 185.93 ng/ml



#23 AR-1248-3

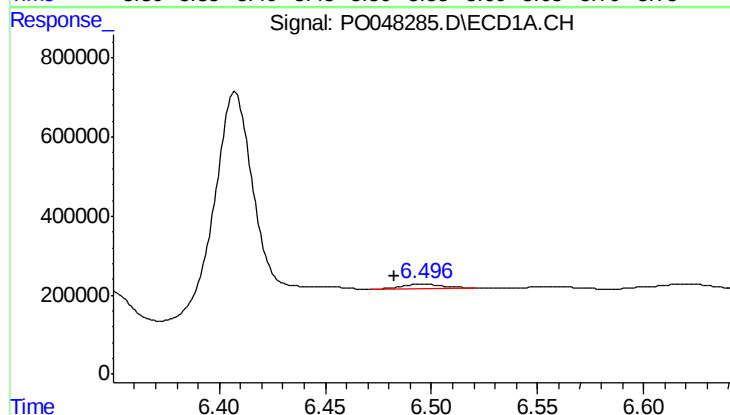
R.T.: 6.407 min
Delta R.T.: -0.037 min
Response: 5474297
Conc: 777.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



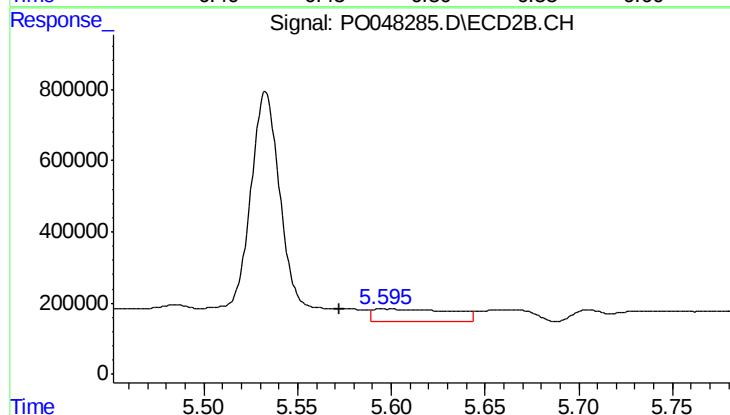
#23 AR-1248-3

R.T.: 5.533 min
Delta R.T.: 0.002 min
Response: 8361923
Conc: 840.36 ng/ml



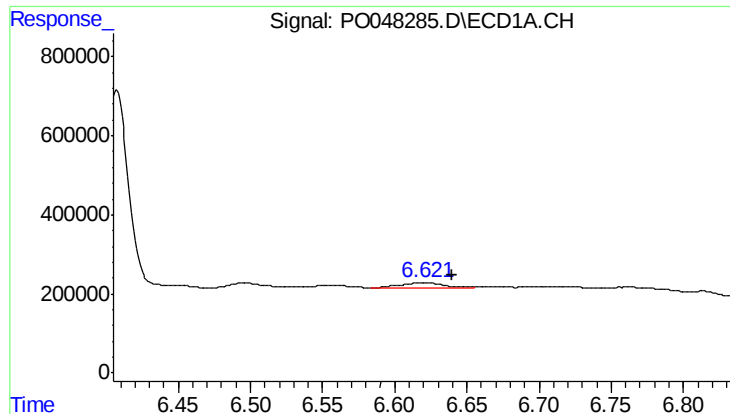
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.014 min
Response: 138934
Conc: 20.70 ng/ml



#24 AR-1248-4

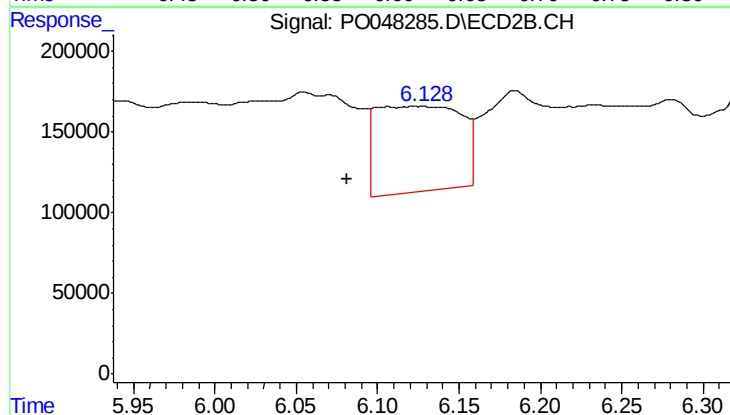
R.T.: 5.597 min
Delta R.T.: 0.025 min
Response: 1061249
Conc: 151.43 ng/ml



#25 AR-1248-5

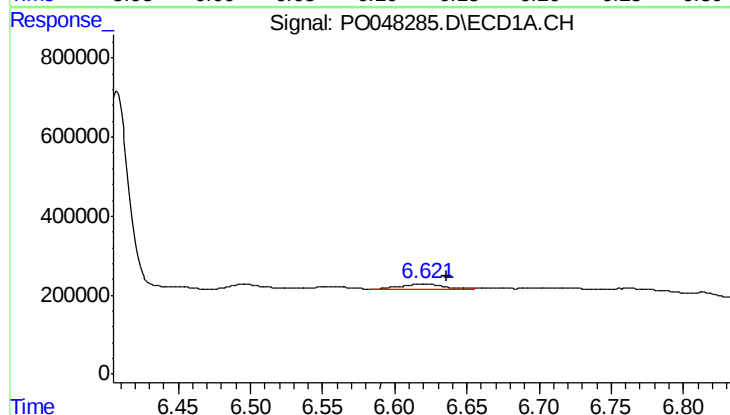
R.T.: 6.621 min
Delta R.T.: -0.018 min
Response: 248493
Conc: 35.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



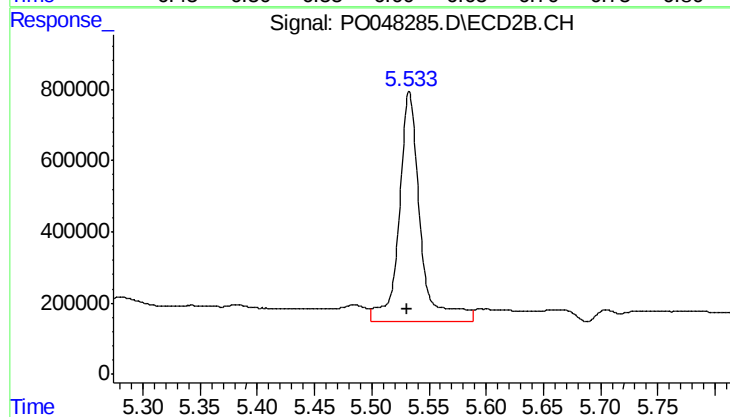
#25 AR-1248-5

R.T.: 6.105 min
Delta R.T.: 0.024 min
Response: 1937927
Conc: 406.63 ng/ml



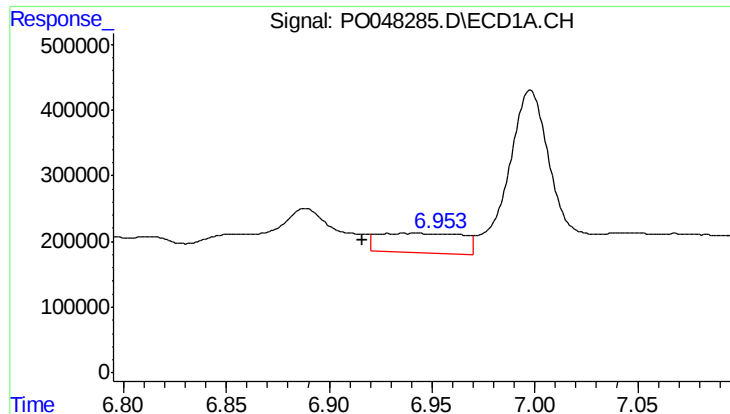
#26 AR-1254-1

R.T.: 6.621 min
Delta R.T.: -0.014 min
Response: 248493
Conc: 20.32 ng/ml



#26 AR-1254-1

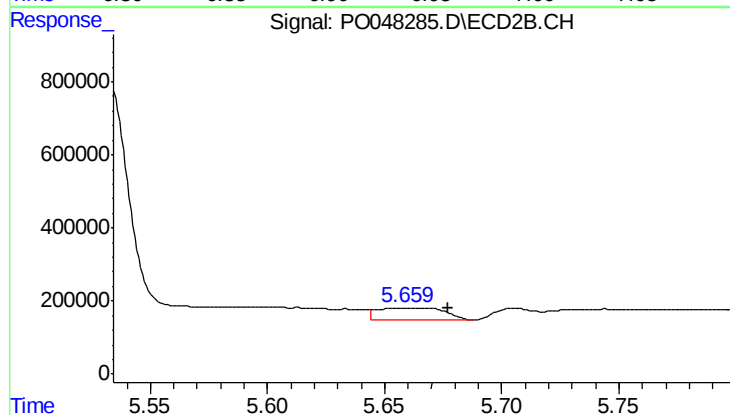
R.T.: 5.533 min
Delta R.T.: 0.002 min
Response: 8361923
Conc: 679.55 ng/ml



#27 AR-1254-2

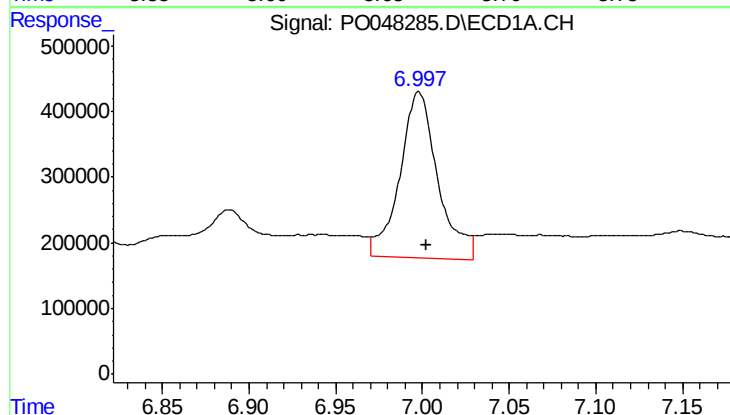
R.T.: 6.943 min
Delta R.T.: 0.027 min
Response: 848424
Conc: 113.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



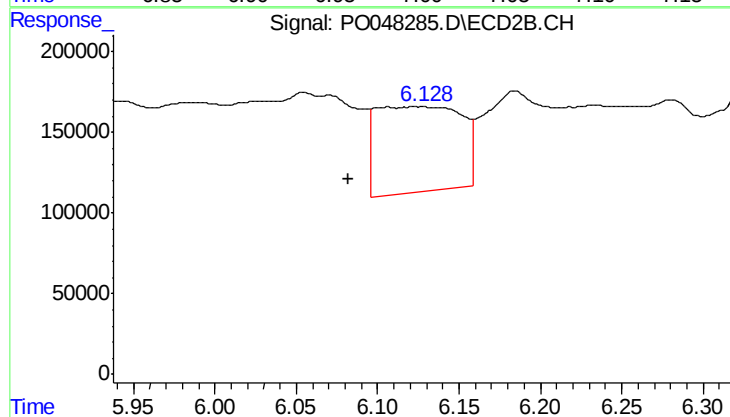
#27 AR-1254-2

R.T.: 5.659 min
Delta R.T.: -0.018 min
Response: 667642
Conc: 64.14 ng/ml



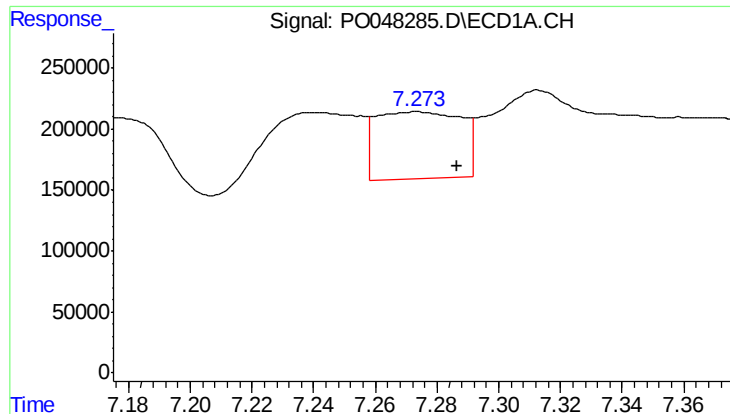
#28 AR-1254-3

R.T.: 6.998 min
Delta R.T.: -0.004 min
Response: 3879426
Conc: 297.47 ng/ml



#28 AR-1254-3

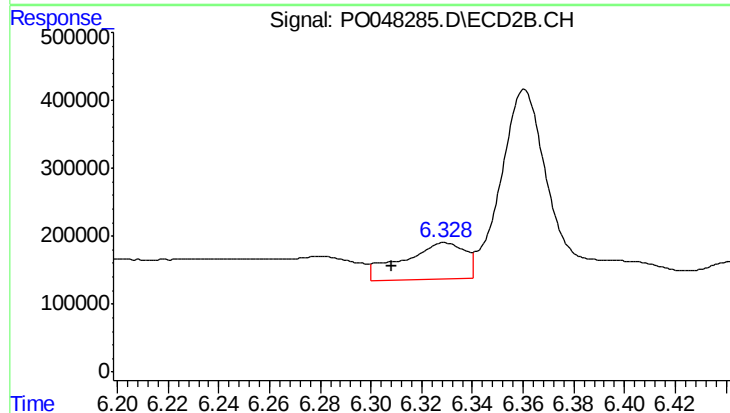
R.T.: 6.105 min
Delta R.T.: 0.023 min
Response: 1937927
Conc: 111.66 ng/ml



#29 AR-1254-4

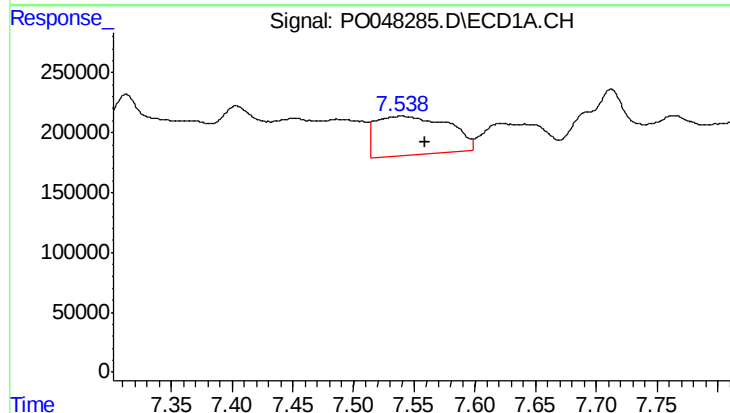
R.T.: 7.273 min
Delta R.T.: -0.013 min
Response: 1056886
Conc: 108.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



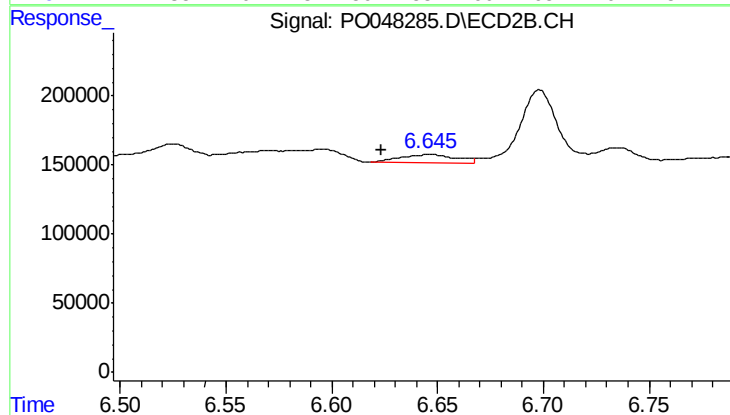
#29 AR-1254-4

R.T.: 6.329 min
Delta R.T.: 0.021 min
Response: 918961
Conc: 84.81 ng/ml



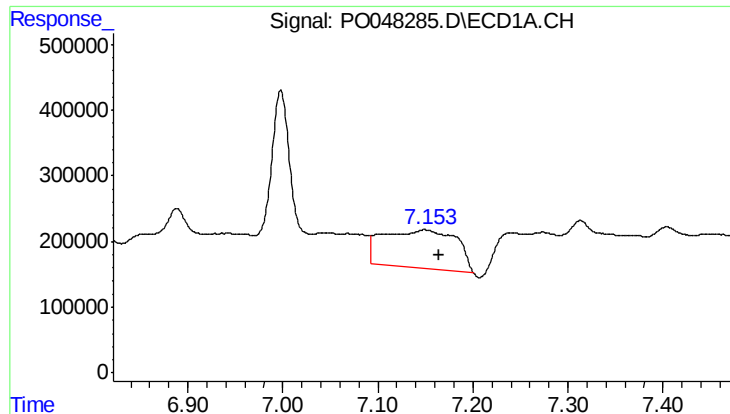
#30 AR-1254-5

R.T.: 7.540 min
Delta R.T.: -0.019 min
Response: 1374149
Conc: 186.00 ng/ml



#30 AR-1254-5

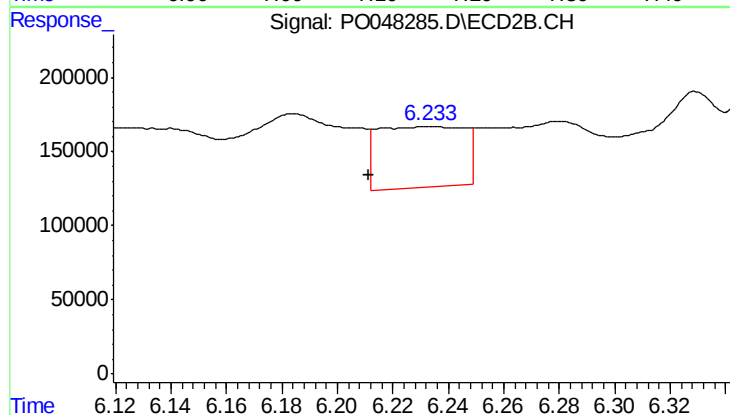
R.T.: 6.646 min
Delta R.T.: 0.022 min
Response: 109359
Conc: 14.30 ng/ml



#31 AR-1260-1

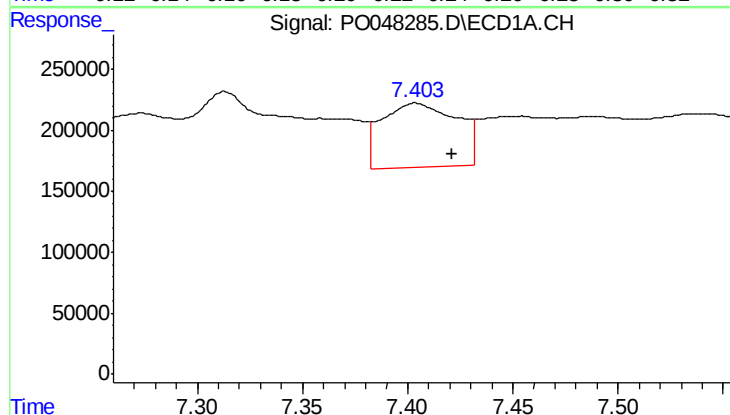
R.T.: 7.149 min
Delta R.T.: -0.015 min
Response: 3072913
Conc: 327.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



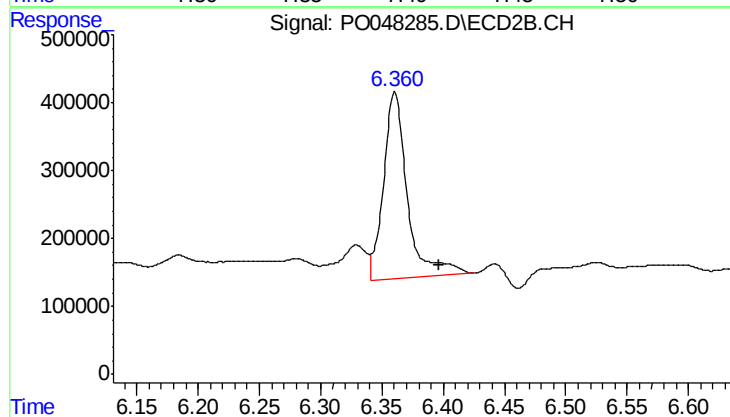
#31 AR-1260-1

R.T.: 6.234 min
Delta R.T.: 0.022 min
Response: 899775
Conc: 81.43 ng/ml



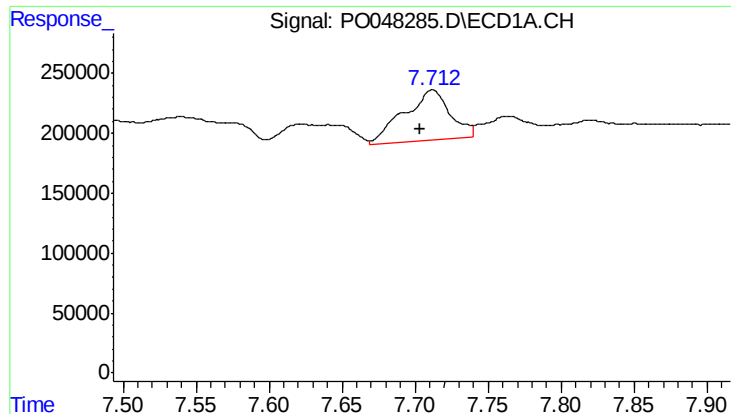
#32 AR-1260-2

R.T.: 7.404 min
Delta R.T.: -0.017 min
Response: 1306273
Conc: 117.14 ng/ml



#32 AR-1260-2

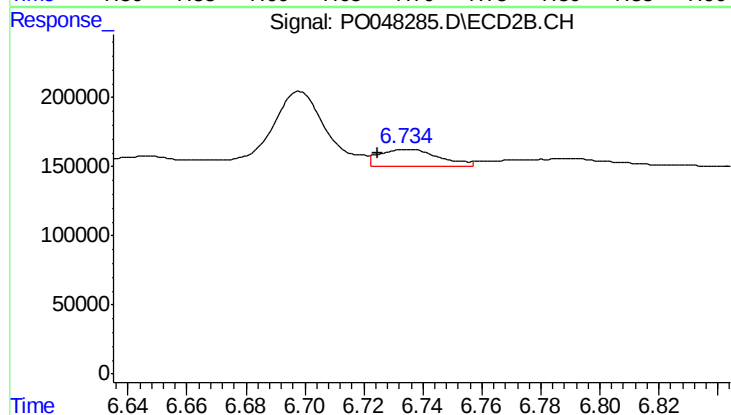
R.T.: 6.361 min
Delta R.T.: -0.036 min
Response: 3763883
Conc: 280.72 ng/ml



#33 AR-1260-3

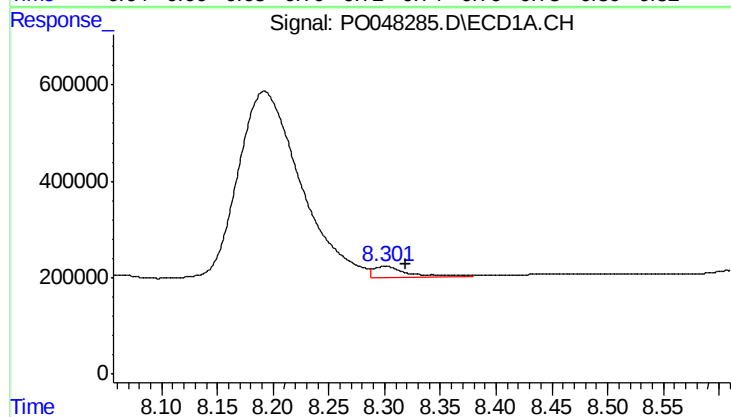
R.T.: 7.712 min
Delta R.T.: 0.009 min
Response: 927897
Conc: 72.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



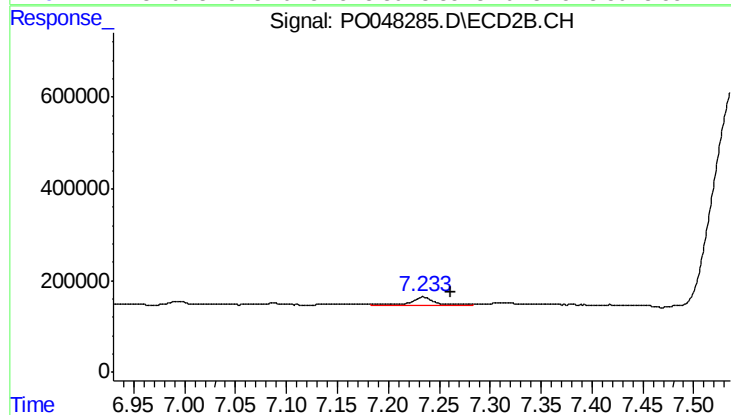
#33 AR-1260-3

R.T.: 6.735 min
Delta R.T.: 0.010 min
Response: 172967
Conc: 11.90 ng/ml



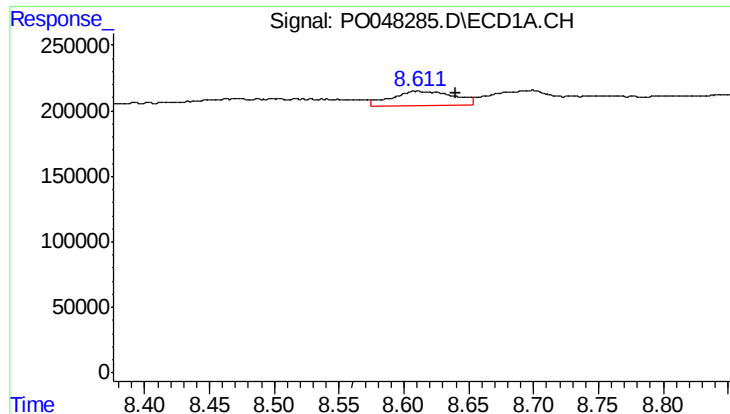
#34 AR-1260-4

R.T.: 8.301 min
Delta R.T.: -0.017 min
Response: 545745
Conc: 30.68 ng/ml



#34 AR-1260-4

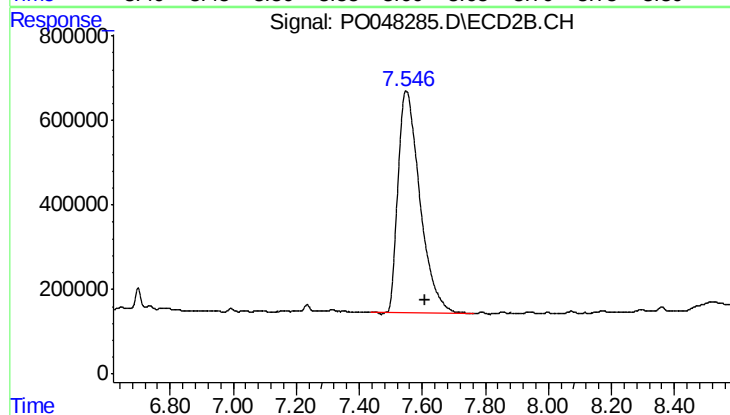
R.T.: 7.234 min
Delta R.T.: -0.027 min
Response: 290468
Conc: 13.20 ng/ml



#35 AR-1260-5

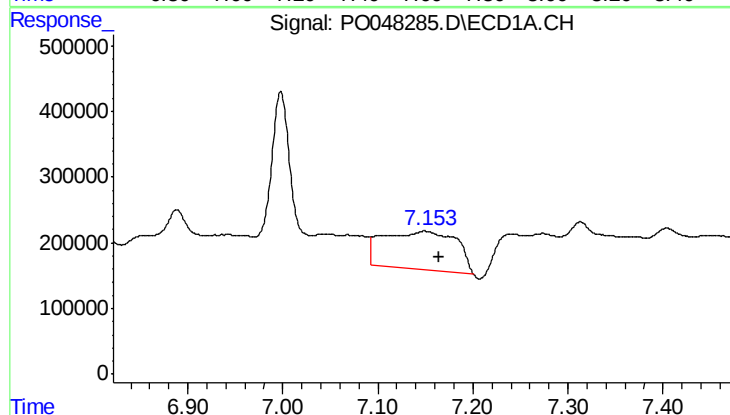
R.T.: 8.611 min
Delta R.T.: -0.030 min
Response: 378057
Conc: 33.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



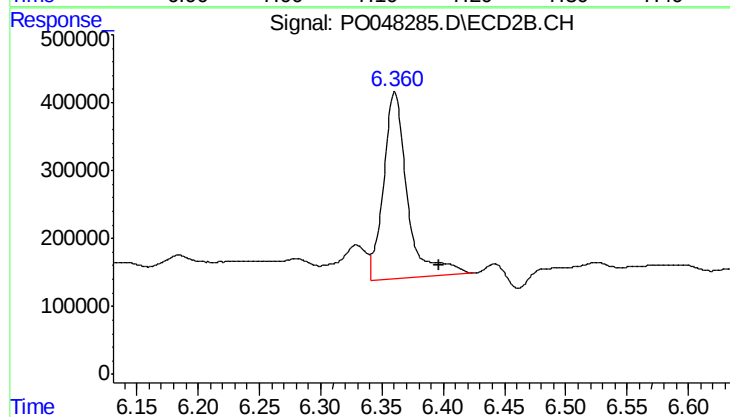
#35 AR-1260-5

R.T.: 7.549 min
Delta R.T.: -0.060 min
Response: 25336489
Conc: 1624.17 ng/ml



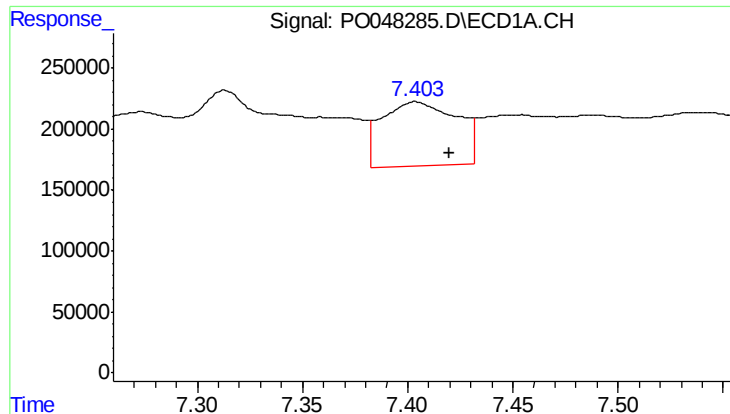
#36 AR-1262-1

R.T.: 7.149 min
Delta R.T.: -0.014 min
Response: 3072913
Conc: 370.92 ng/ml



#36 AR-1262-1

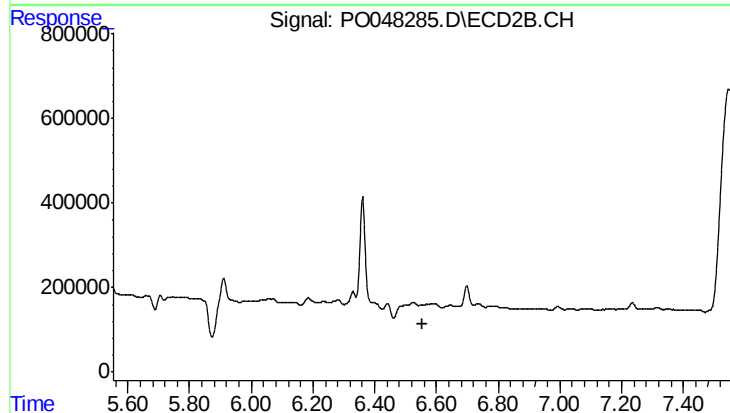
R.T.: 6.361 min
Delta R.T.: -0.036 min
Response: 3763883
Conc: 331.97 ng/ml



#37 AR-1262-2

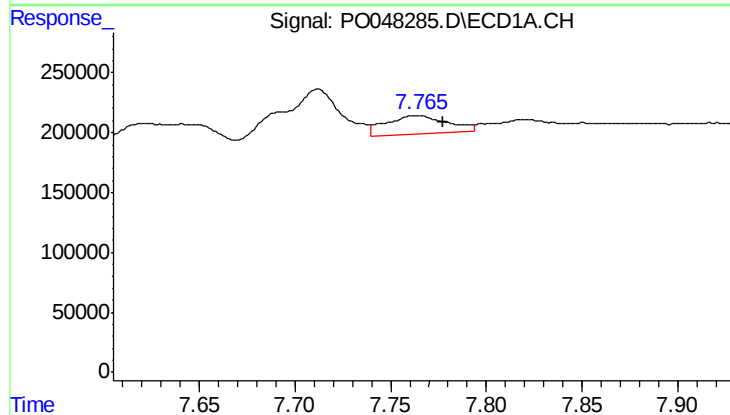
R.T.: 7.404 min
Delta R.T.: -0.016 min
Response: 1306273
Conc: 134.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



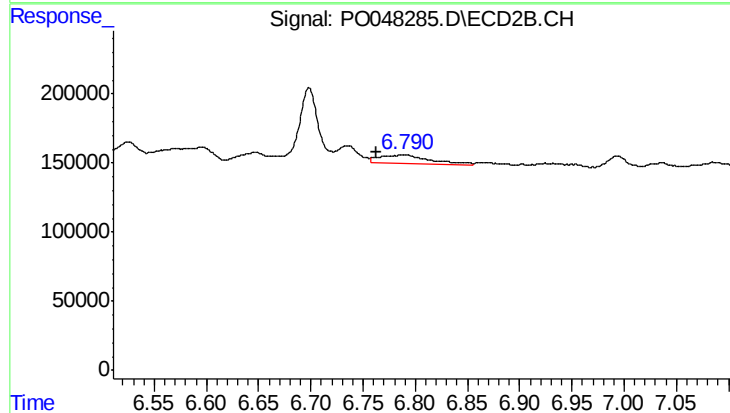
#37 AR-1262-2

R.T.: 6.525 min
Delta R.T.: -0.028 min
Response: -207436
Conc: N.D.



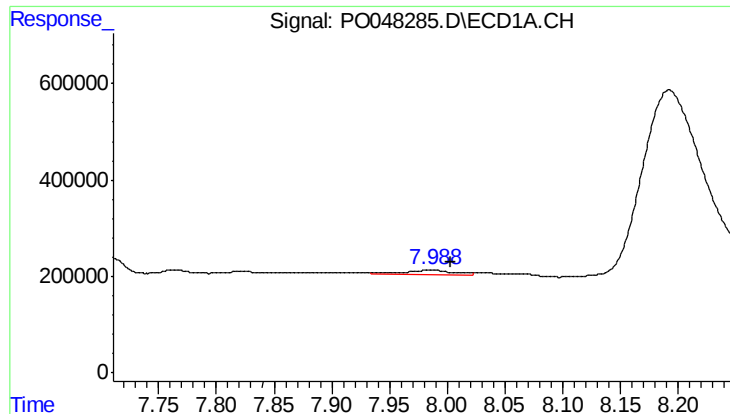
#38 AR-1262-3

R.T.: 7.765 min
Delta R.T.: -0.013 min
Response: 359154
Conc: 29.27 ng/ml



#38 AR-1262-3

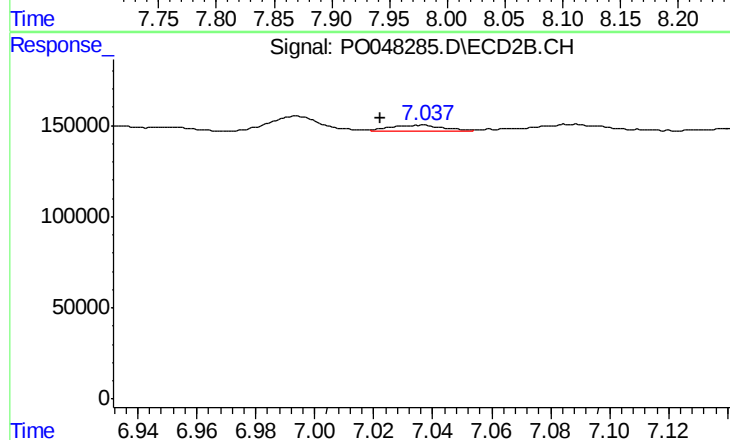
R.T.: 6.789 min
Delta R.T.: 0.027 min
Response: 213672
Conc: 14.16 ng/ml



#39 AR-1262-4

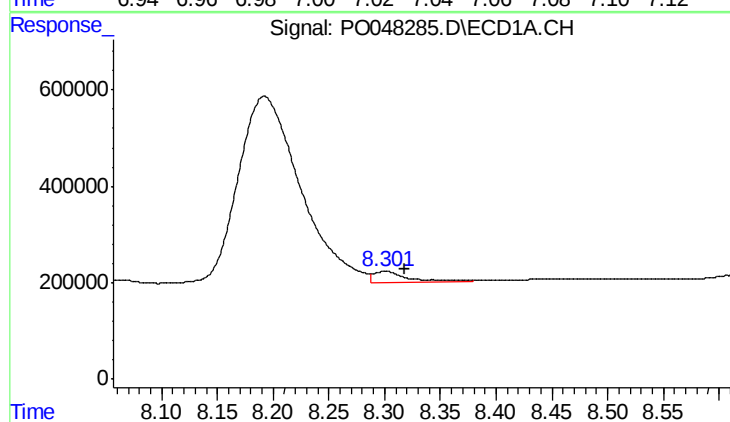
R.T.: 7.985 min
Delta R.T.: -0.019 min
Response: 315951
Conc: 26.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



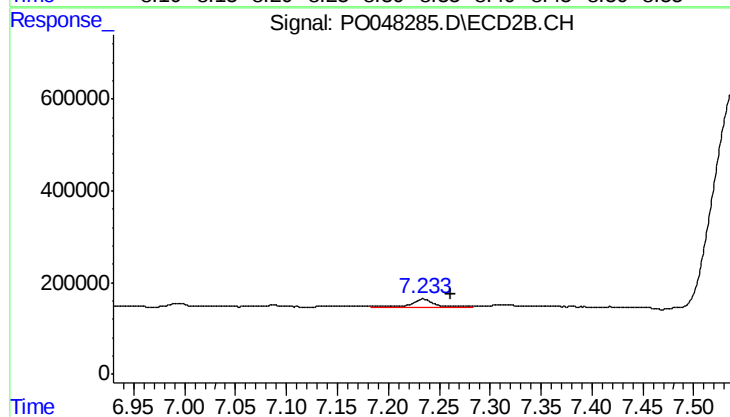
#39 AR-1262-4

R.T.: 7.035 min
Delta R.T.: 0.013 min
Response: 40573
Conc: 3.08 ng/ml



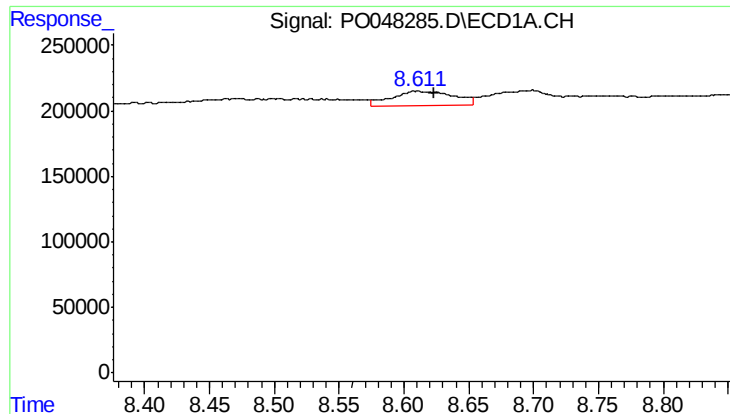
#40 AR-1262-5

R.T.: 8.301 min
Delta R.T.: -0.017 min
Response: 545745
Conc: 25.40 ng/ml



#40 AR-1262-5

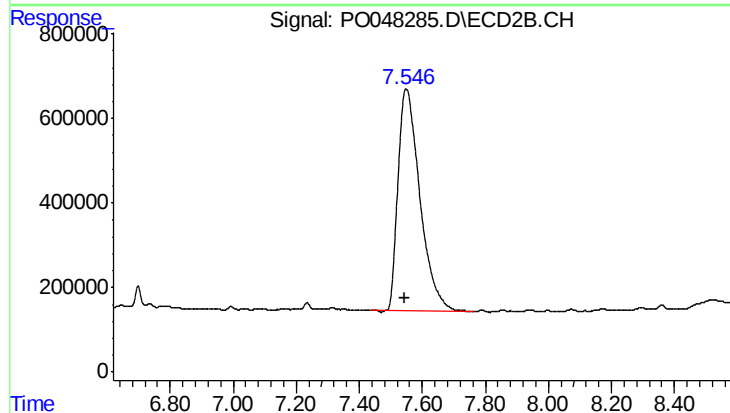
R.T.: 7.234 min
Delta R.T.: -0.026 min
Response: 290468
Conc: 11.25 ng/ml



#41 AR-1268-1

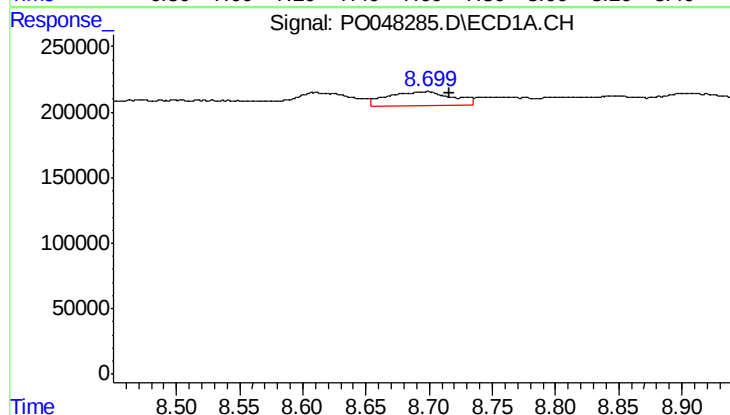
R.T.: 8.611 min
Delta R.T.: -0.012 min
Response: 378057
Conc: 16.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



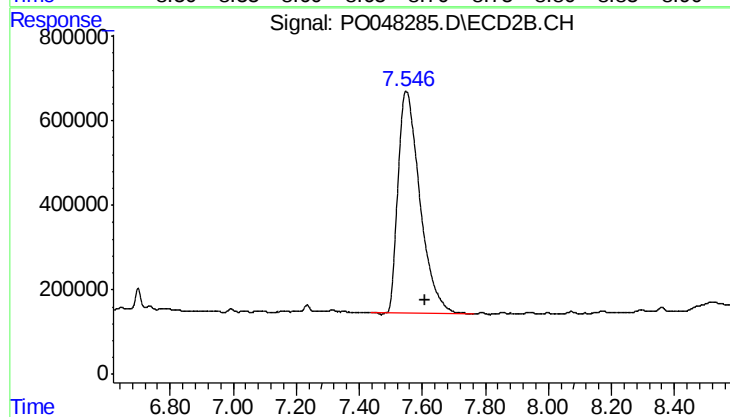
#41 AR-1268-1

R.T.: 7.549 min
Delta R.T.: 0.003 min
Response: 25336489
Conc: 974.50 ng/ml



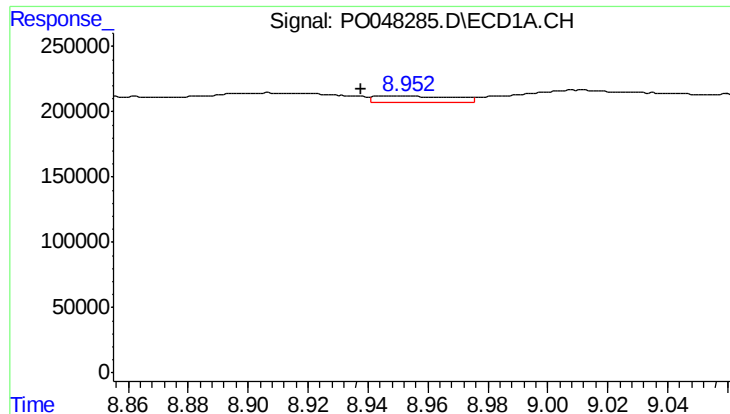
#42 AR-1268-2

R.T.: 8.699 min
Delta R.T.: -0.017 min
Response: 399123
Conc: 18.63 ng/ml



#42 AR-1268-2

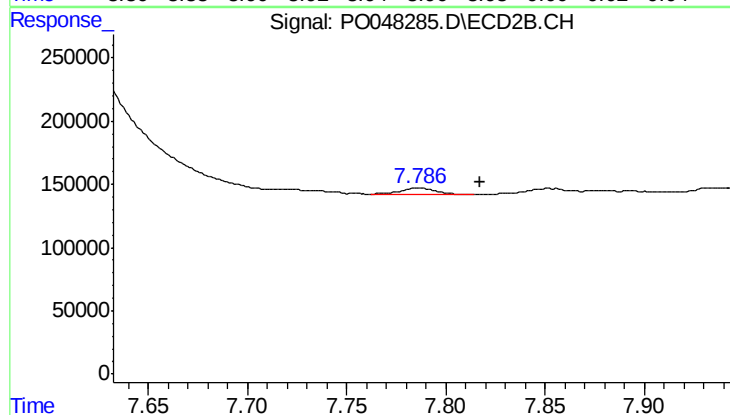
R.T.: 7.549 min
Delta R.T.: -0.060 min
Response: 25336489
Conc: 1017.01 ng/ml



#43 AR-1268-3

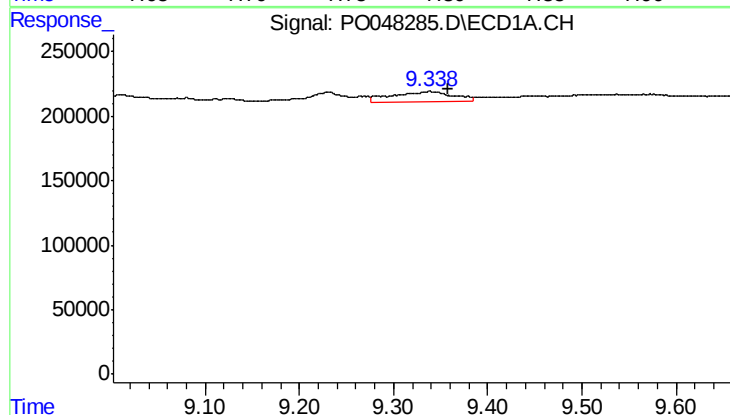
R.T.: 8.953 min
Delta R.T.: 0.016 min
Response: 85769
Conc: 4.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



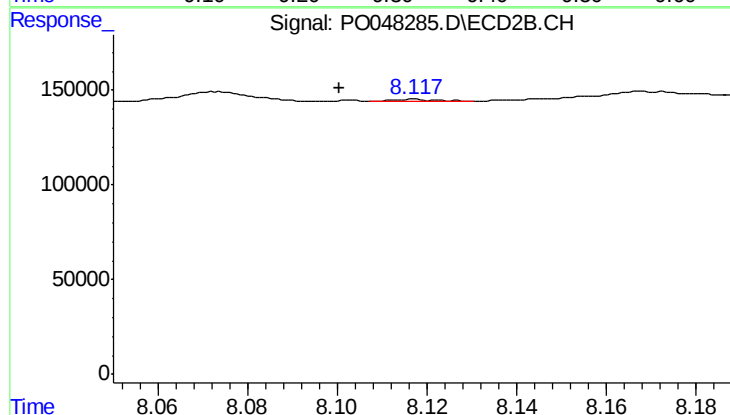
#43 AR-1268-3

R.T.: 7.787 min
Delta R.T.: -0.031 min
Response: 67430
Conc: 3.42 ng/ml



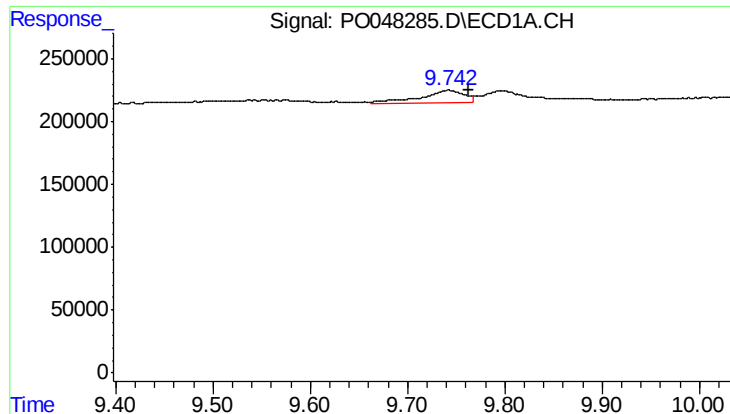
#44 AR-1268-4

R.T.: 9.339 min
Delta R.T.: -0.019 min
Response: 351253
Conc: 44.05 ng/ml



#44 AR-1268-4

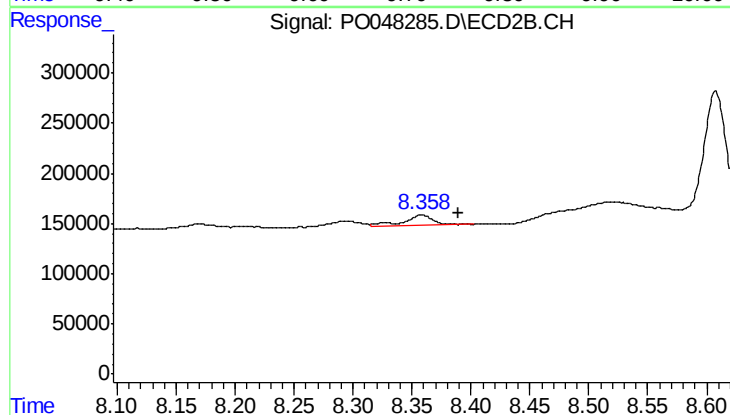
R.T.: 8.117 min
Delta R.T.: 0.016 min
Response: 7986
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 9.742 min
Delta R.T.: -0.020 min
Response: 294422
Conc: 5.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
72-11990RE



#45 AR-1268-5

R.T.: 8.358 min
Delta R.T.: -0.031 min
Response: 182170
Conc: 3.34 ng/ml