

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0080218\
 Data File : P0047566.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Aug 2018 16:23
 Operator : SM/SJ
 Sample : J4164-11RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 DUP-072518RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 01:08:58 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...	4.399	3.645	3027871	3475327	14.997	14.144
2) SA Decachlor...	10.086	8.632	1459432	1602742	8.948	10.196
Target Compounds						
3) L1 AR-1016-1	5.298	4.510	609807	819861	127.669	143.407
4) L1 AR-1016-2	5.660	4.922	125786	69477	21.367	13.232 #
5) L1 AR-1016-3	5.748	4.962	142505	228021	28.735	51.931 #
6) L1 AR-1016-4	6.040	5.029	176002	272058	37.839	52.466 #
7) L1 AR-1016-5	6.182	5.168	185195	133706	35.526	22.795 #
8) L2 AR-1221-1	4.579	3.845	59172	73525	26.757	31.158
9) L2 AR-1221-2	4.704	3.945	126649	227555	77.452	125.440 #
10) L2 AR-1221-3	4.779	4.022	129772	112721	25.136	19.500
11) L3 AR-1232-1	5.102	4.340	516270	430543	240.067	183.075
12) L3 AR-1232-2	5.565	4.726	76464	504774	25.986	165.180 #
13) L3 AR-1232-3	5.586	4.726	158259	504774	36.837	109.310 #
14) L3 AR-1232-4	5.660	4.799	125786	111053	45.445	35.923
15) L3 AR-1232-5	5.748	4.962	142505	228021	63.814	127.406 #
16) L4 AR-1242-1	5.586	4.726	158259	504774	21.532	63.032 #
17) L4 AR-1242-2	5.660	4.922	125786	69477	27.177	16.865 #
18) L4 AR-1242-3	5.748	5.029	142505	272058	37.091	64.871 #
19) L4 AR-1242-4	6.040	5.168	176002	133706	45.783	28.314 #
20) L4 AR-1242-5	6.182	5.323	185195	391332	43.264	101.075 #
21) L5 AR-1248-1	6.040	5.168	176002	133706	28.146	17.923 #
22) L5 AR-1248-2	6.182	5.323	185195	391332	33.996	73.147 #
23) L5 AR-1248-3	6.450	5.527	52956	427899	7.525	43.003 #
24) L5 AR-1248-4	6.484	5.576	85948	115433	12.803	16.471 #
25) L5 AR-1248-5	6.636	6.091	630084	2038909	89.024	427.824 #
26) L6 AR-1254-1	6.636	5.527	630084	427899	51.524	34.774 #
27) L6 AR-1254-2	6.899	5.673	431888	75614	57.911	7.264 #
28) L6 AR-1254-3	7.010	6.091	2517246	2038909	193.020	117.480 #
29) L6 AR-1254-4	7.284	6.300	125876	432660	12.915	39.931 #
30) L6 AR-1254-5	7.548	6.616	128713	375634	17.422	49.118 #
31) L7 AR-1260-1	7.162	6.204	325227	970369	34.683	87.816 #
32) L7 AR-1260-2	7.412	6.379	554911	3233287	49.762	241.145 #
33) L7 AR-1260-3	7.701	6.717	410341	712699	31.893	49.024 #
34) L7 AR-1260-4	8.316	7.253	523878	468773	29.451	21.304 #
35) L7 AR-1260-5	8.637	7.601	351755	424508	30.803	27.213
36) L8 AR-1262-1	7.162	6.379	325227	3233287	39.257	285.172 #
37) L8 AR-1262-2	7.412	6.544	554911	484684	57.256	42.951
38) L8 AR-1262-3	7.777	6.752	294092	307640	23.964	20.384

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 Acq On : 02 Aug 2018 16:23
 Operator : SM/SJ
 Sample : J4164-11RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

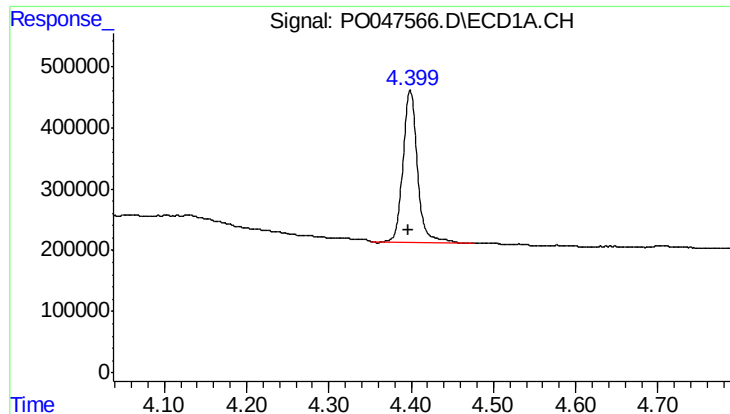
Instrument :
 ECD_O
 ClientSampleId :
 DUP-072518RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 01:08:58 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072718.M
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Volume Inj. : 2 µl
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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	7.998	7.014	180207	297207	15.303	22.570 #
40) L8	AR-1262-5	8.316	7.253	523878	468773	24.383	18.149 #
41) L9	AR-1268-1	8.637	7.536	351755	205682	15.156	7.911 #
42) L9	AR-1268-2	8.710	7.601	274512	424508	12.812	17.040 #
43) L9	AR-1268-3	8.937	7.802	64552	349429	3.576	17.706 #
44) L9	AR-1268-4	9.355	8.091	145270	125642	18.218	14.978
45) L9	AR-1268-5	9.762	8.379	166093	97389	3.048	1.784 #

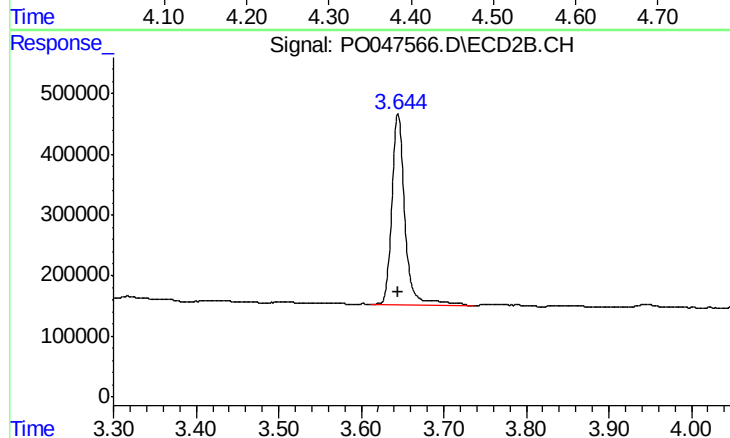
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

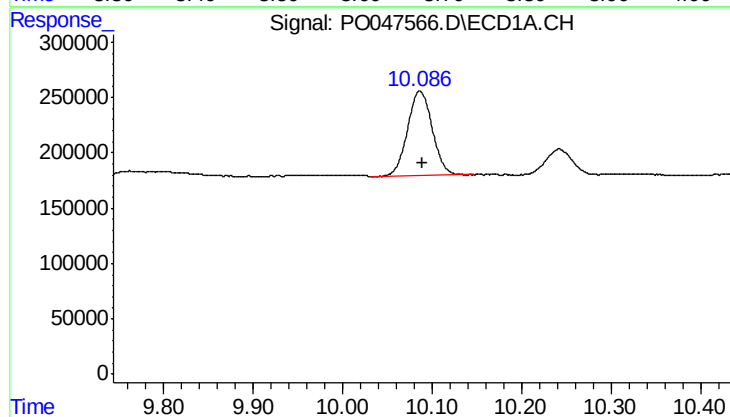
R.T.: 4.399 min
Delta R.T.: 0.002 min
Response: 3027871
Conc: 15.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



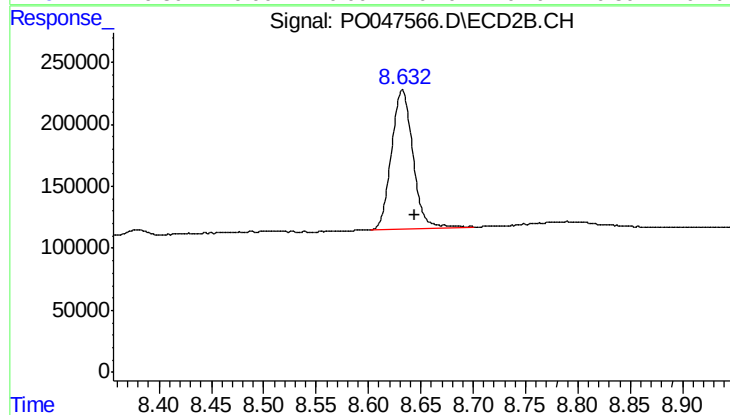
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 3475327
Conc: 14.14 ng/ml



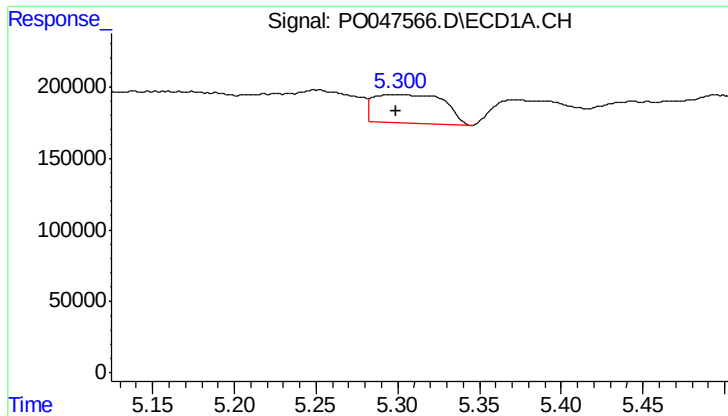
#2 Decachlorobiphenyl

R.T.: 10.086 min
Delta R.T.: -0.004 min
Response: 1459432
Conc: 8.95 ng/ml



#2 Decachlorobiphenyl

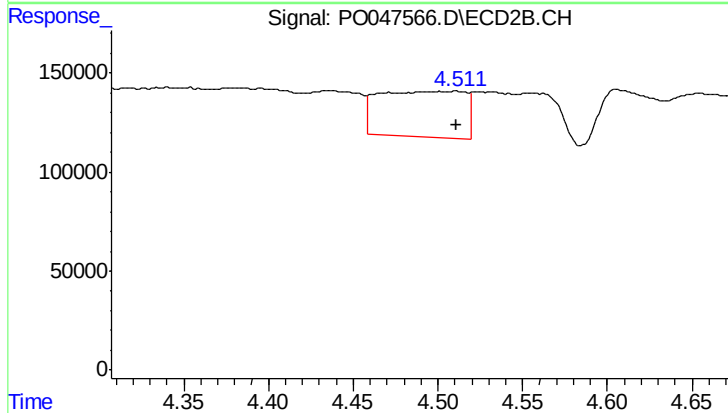
R.T.: 8.632 min
Delta R.T.: -0.012 min
Response: 1602742
Conc: 10.20 ng/ml



#3 AR-1016-1

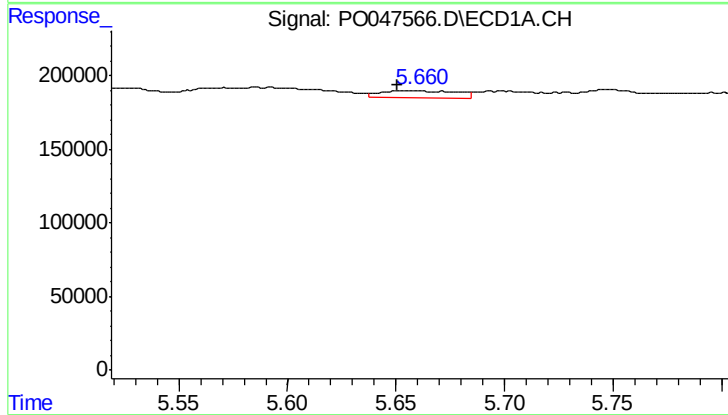
R.T.: 5.298 min
Delta R.T.: -0.002 min
Response: 609807
Conc: 127.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



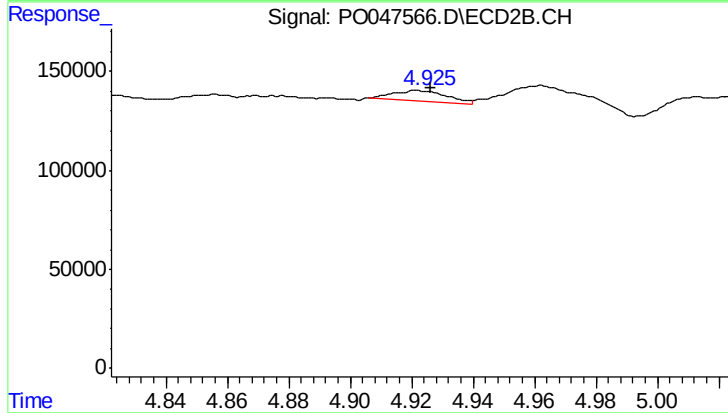
#3 AR-1016-1

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 819861
Conc: 143.41 ng/ml



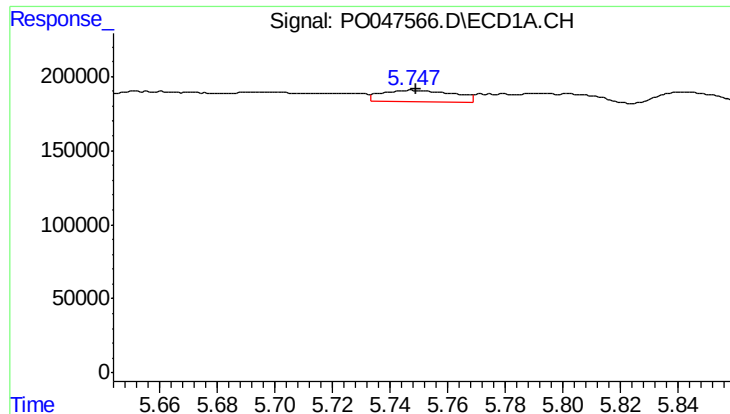
#4 AR-1016-2

R.T.: 5.660 min
Delta R.T.: 0.010 min
Response: 125786
Conc: 21.37 ng/ml



#4 AR-1016-2

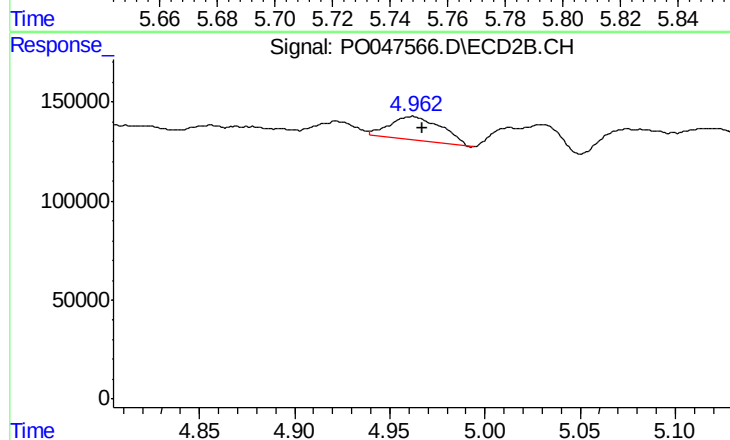
R.T.: 4.922 min
Delta R.T.: -0.004 min
Response: 69477
Conc: 13.23 ng/ml



#5 AR-1016-3

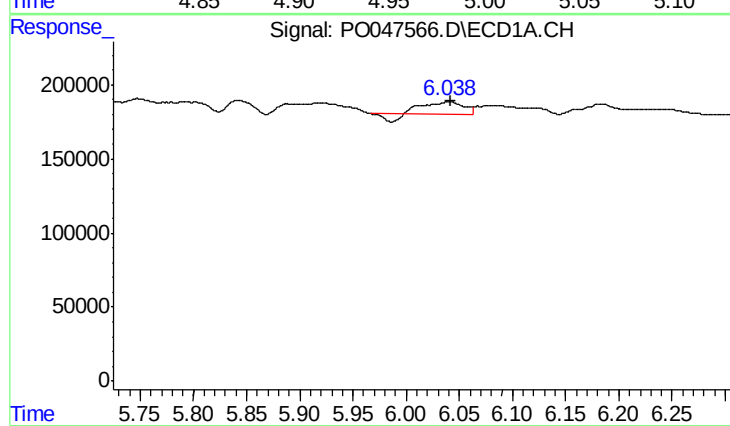
R.T.: 5.748 min
Delta R.T.: -0.001 min
Response: 142505
Conc: 28.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



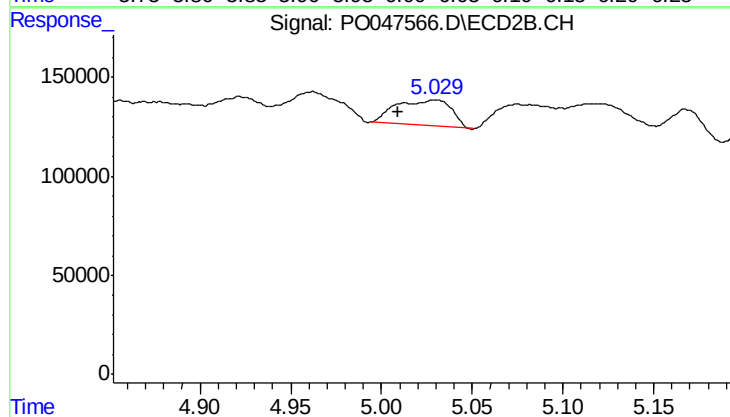
#5 AR-1016-3

R.T.: 4.962 min
Delta R.T.: -0.006 min
Response: 228021
Conc: 51.93 ng/ml



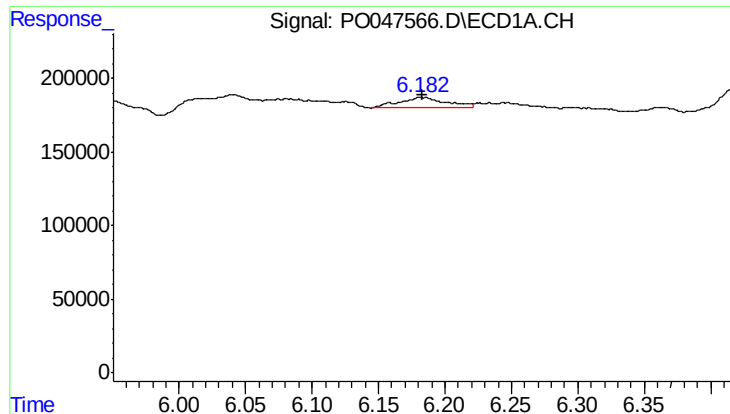
#6 AR-1016-4

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 176002
Conc: 37.84 ng/ml



#6 AR-1016-4

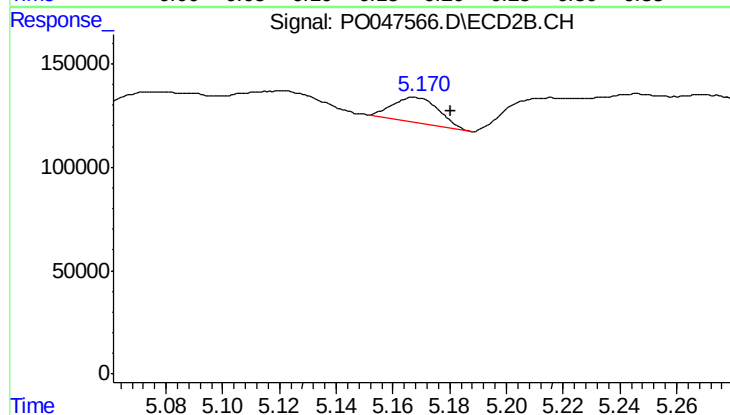
R.T.: 5.029 min
Delta R.T.: 0.020 min
Response: 272058
Conc: 52.47 ng/ml



#7 AR-1016-5

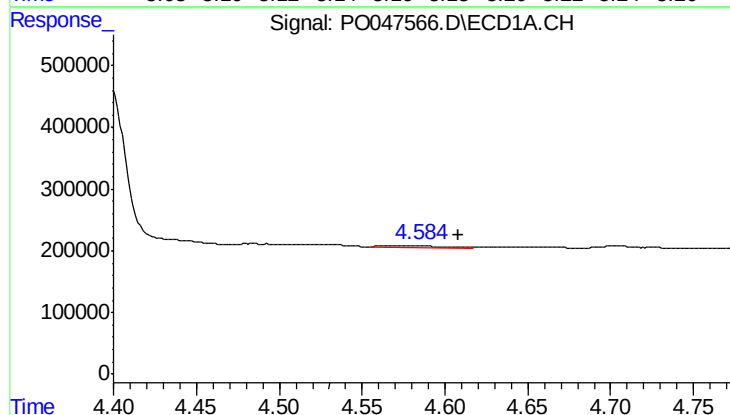
R.T.: 6.182 min
Delta R.T.: -0.001 min
Response: 185195
Conc: 35.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



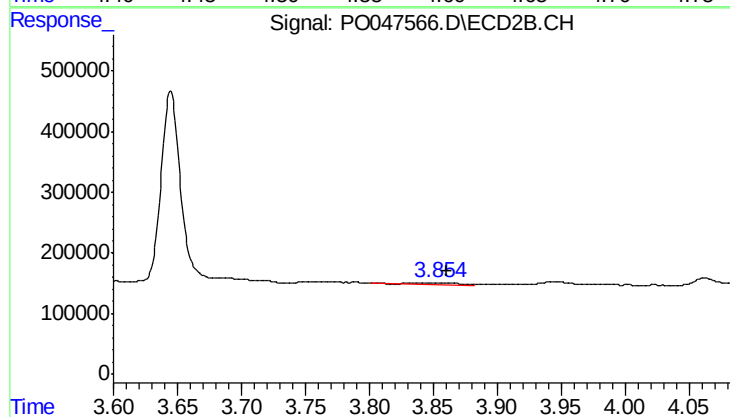
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.013 min
Response: 133706
Conc: 22.80 ng/ml



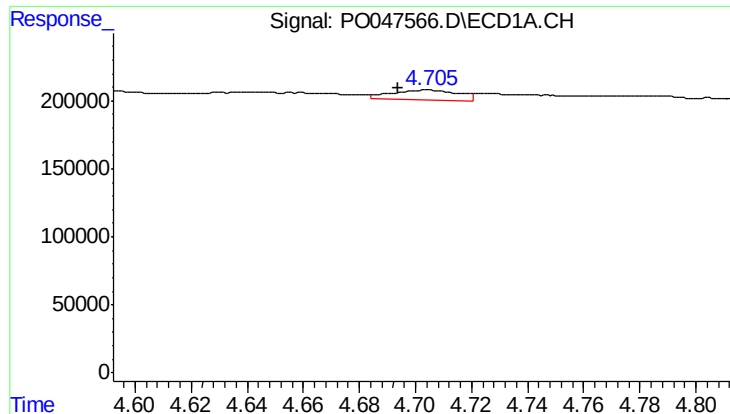
#8 AR-1221-1

R.T.: 4.579 min
Delta R.T.: -0.030 min
Response: 59172
Conc: 26.76 ng/ml



#8 AR-1221-1

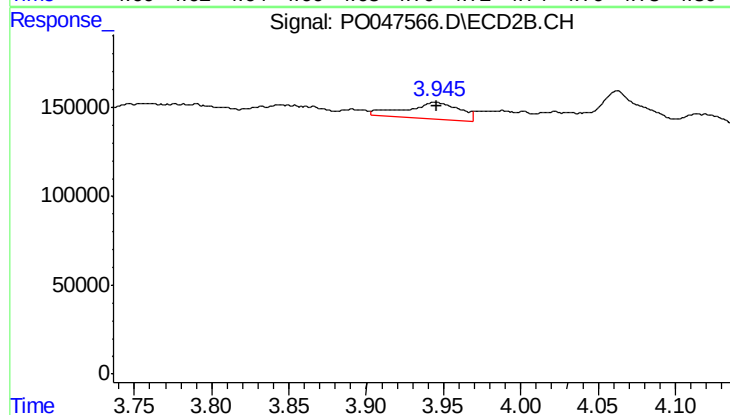
R.T.: 3.845 min
Delta R.T.: -0.015 min
Response: 73525
Conc: 31.16 ng/ml



#9 AR-1221-2

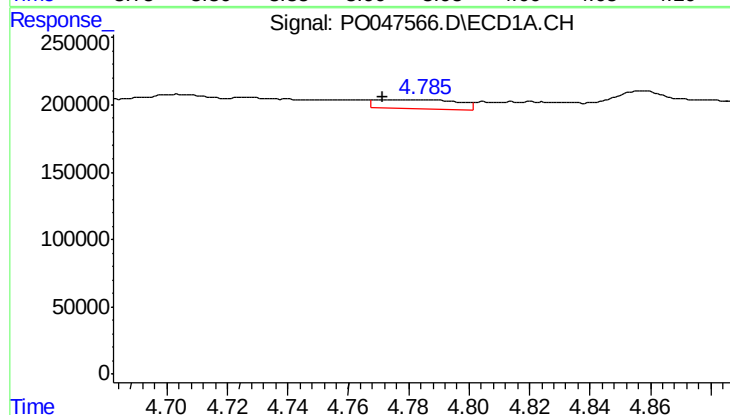
R.T.: 4.704 min
Delta R.T.: 0.010 min
Response: 126649
Conc: 77.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



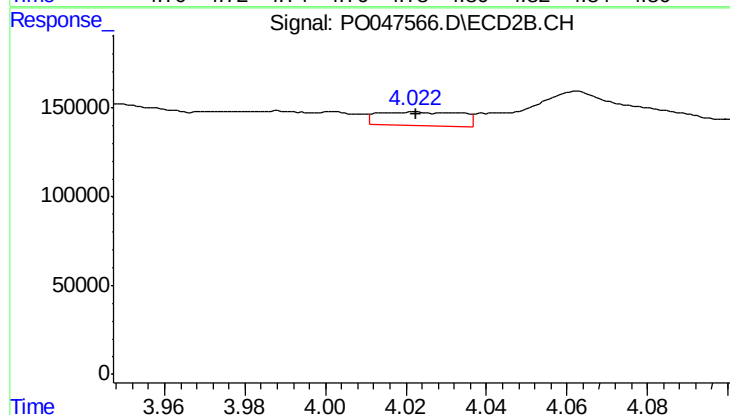
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.001 min
Response: 227555
Conc: 125.44 ng/ml



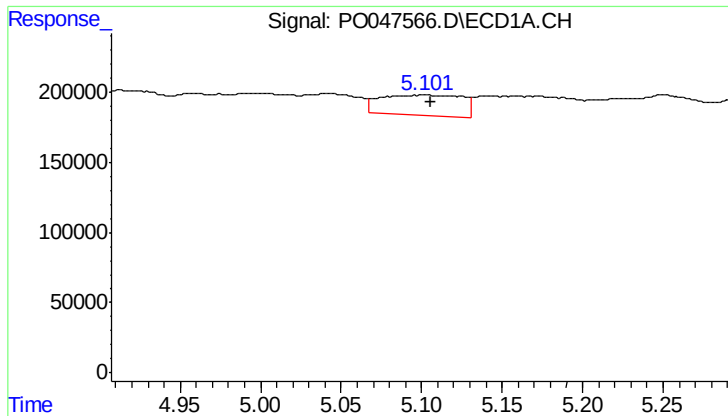
#10 AR-1221-3

R.T.: 4.779 min
Delta R.T.: 0.008 min
Response: 129772
Conc: 25.14 ng/ml



#10 AR-1221-3

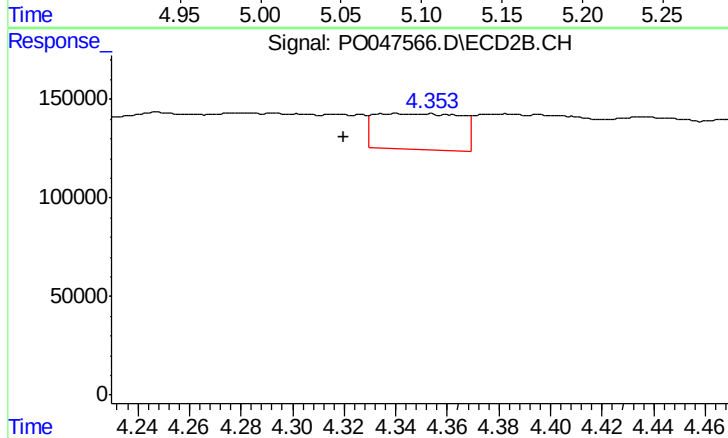
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 112721
Conc: 19.50 ng/ml



#11 AR-1232-1

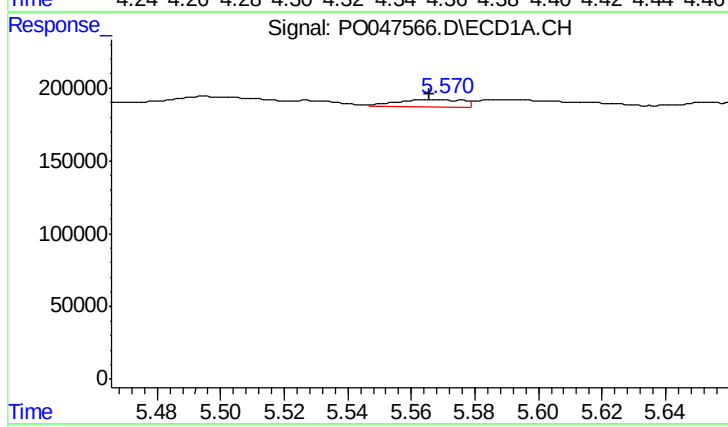
R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 516270
Conc: 240.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



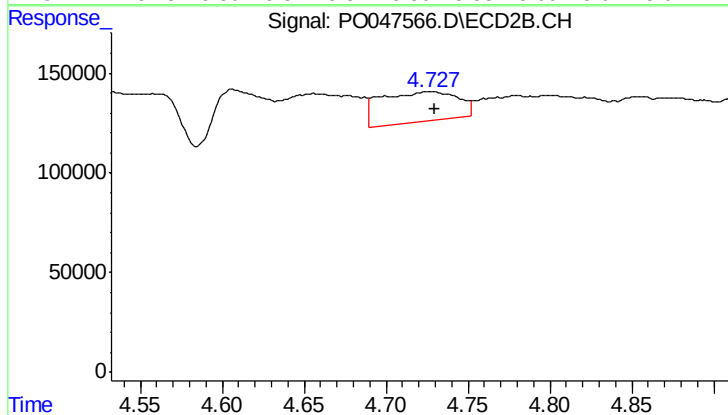
#11 AR-1232-1

R.T.: 4.340 min
Delta R.T.: 0.020 min
Response: 430543
Conc: 183.07 ng/ml



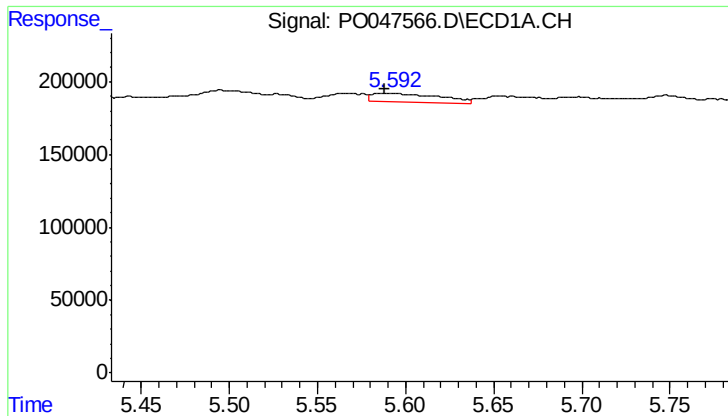
#12 AR-1232-2

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 76464
Conc: 25.99 ng/ml



#12 AR-1232-2

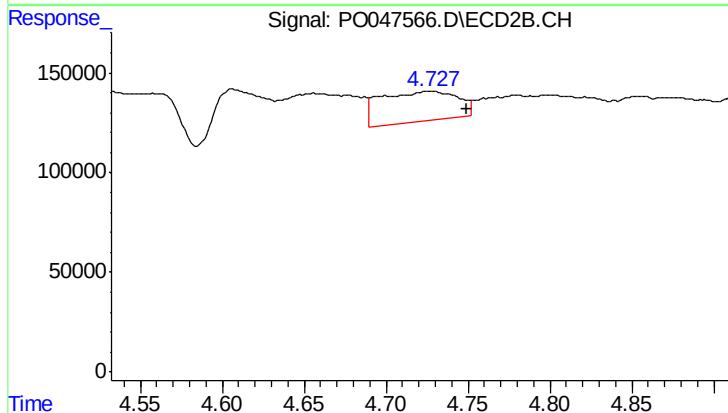
R.T.: 4.726 min
Delta R.T.: -0.004 min
Response: 504774
Conc: 165.18 ng/ml



#13 AR-1232-3

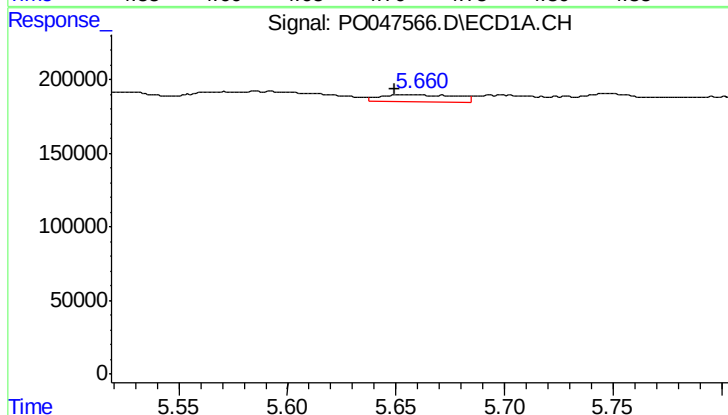
R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 158259
Conc: 36.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



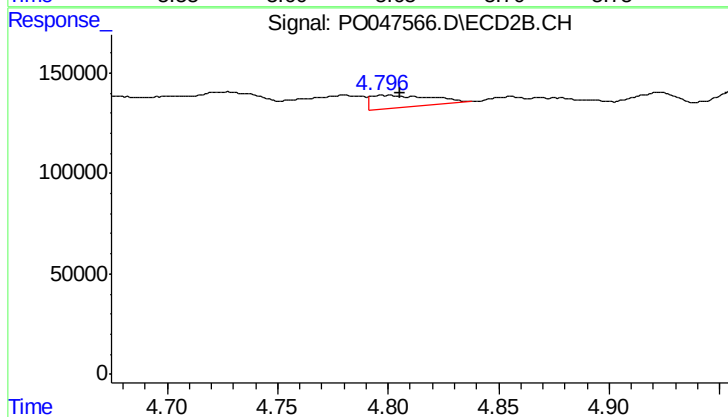
#13 AR-1232-3

R.T.: 4.726 min
Delta R.T.: -0.023 min
Response: 504774
Conc: 109.31 ng/ml



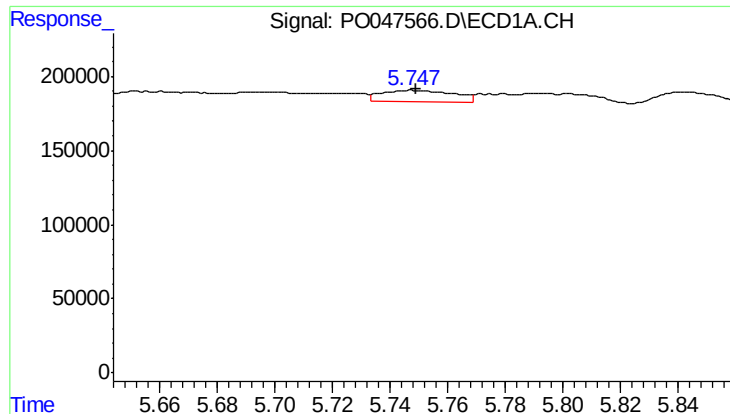
#14 AR-1232-4

R.T.: 5.660 min
Delta R.T.: 0.011 min
Response: 125786
Conc: 45.44 ng/ml



#14 AR-1232-4

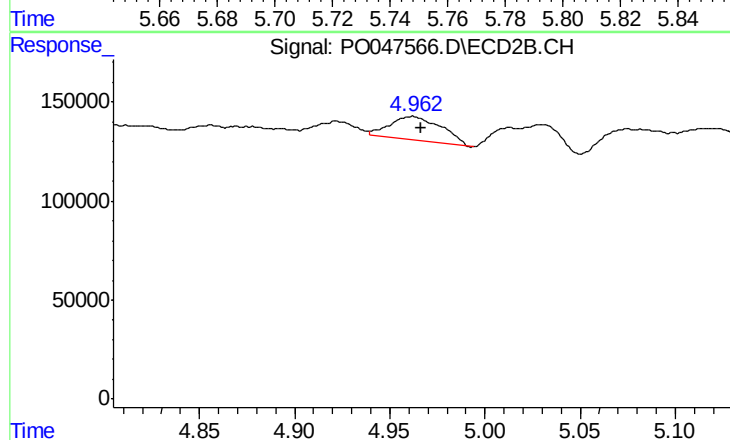
R.T.: 4.799 min
Delta R.T.: -0.006 min
Response: 111053
Conc: 35.92 ng/ml



#15 AR-1232-5

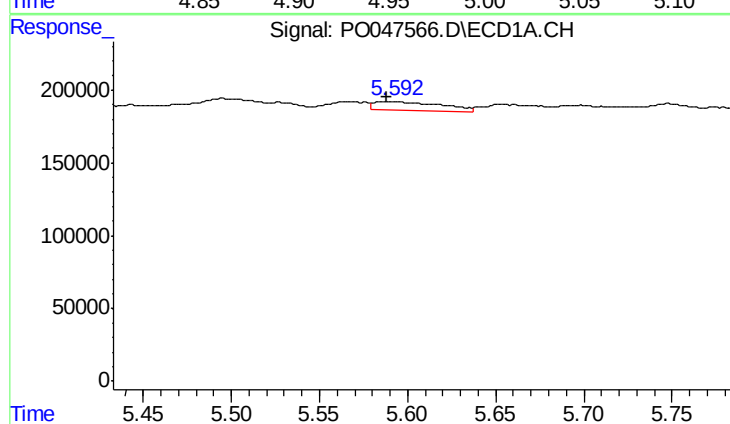
R.T.: 5.748 min
Delta R.T.: -0.001 min
Response: 142505
Conc: 63.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



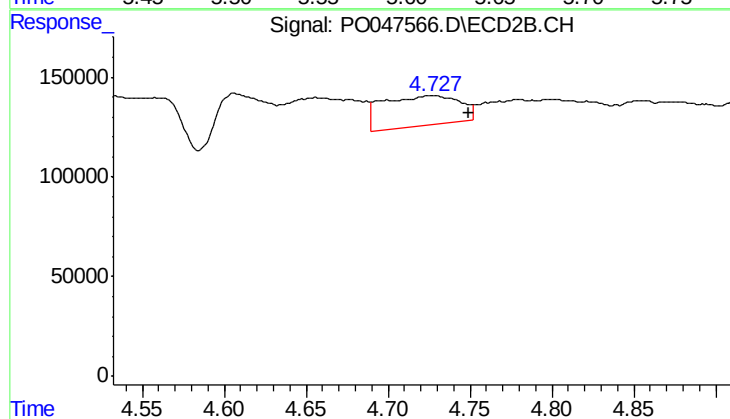
#15 AR-1232-5

R.T.: 4.962 min
Delta R.T.: -0.005 min
Response: 228021
Conc: 127.41 ng/ml



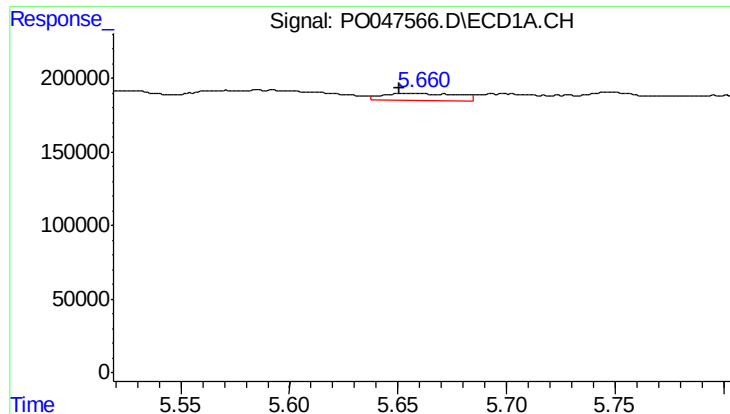
#16 AR-1242-1

R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 158259
Conc: 21.53 ng/ml



#16 AR-1242-1

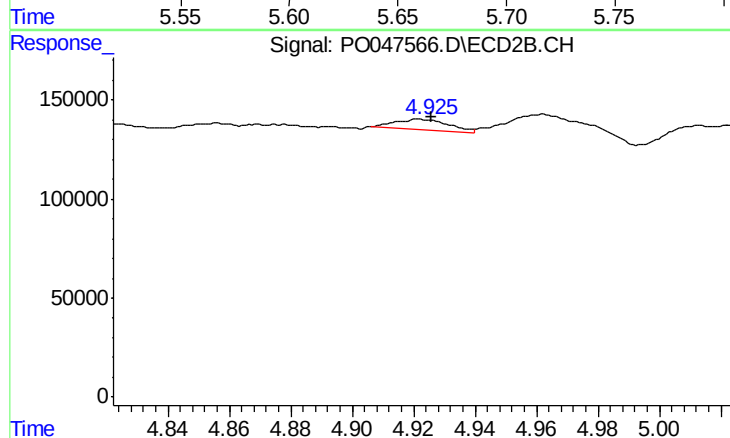
R.T.: 4.726 min
Delta R.T.: -0.022 min
Response: 504774
Conc: 63.03 ng/ml



#17 AR-1242-2

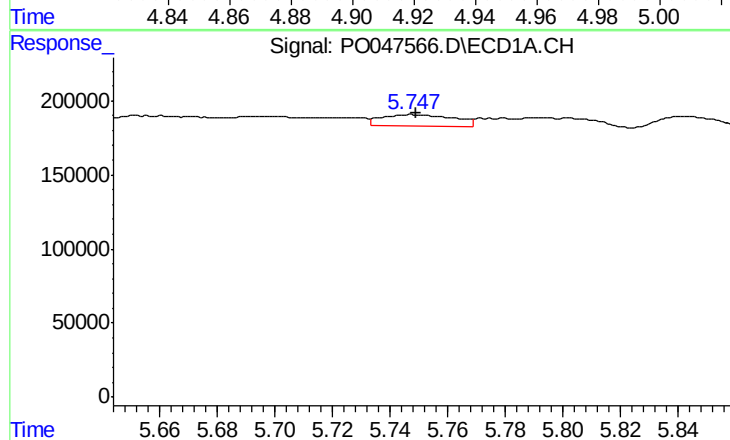
R.T.: 5.660 min
Delta R.T.: 0.010 min
Response: 125786
Conc: 27.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



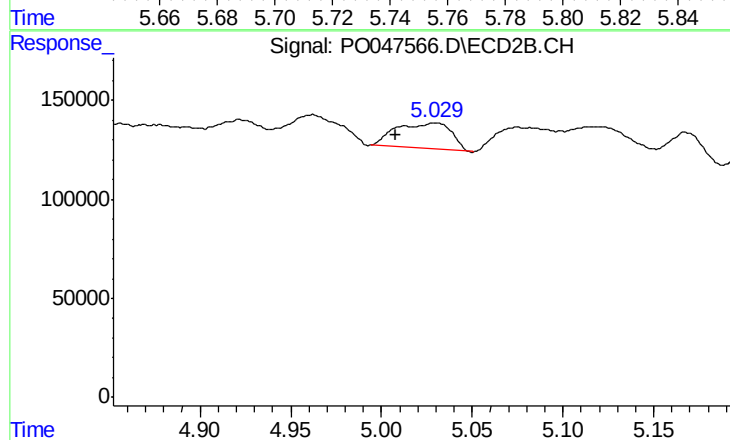
#17 AR-1242-2

R.T.: 4.922 min
Delta R.T.: -0.004 min
Response: 69477
Conc: 16.86 ng/ml



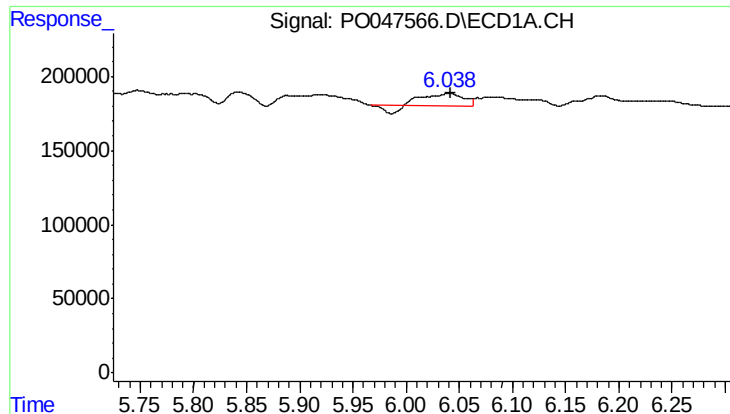
#18 AR-1242-3

R.T.: 5.748 min
Delta R.T.: -0.001 min
Response: 142505
Conc: 37.09 ng/ml



#18 AR-1242-3

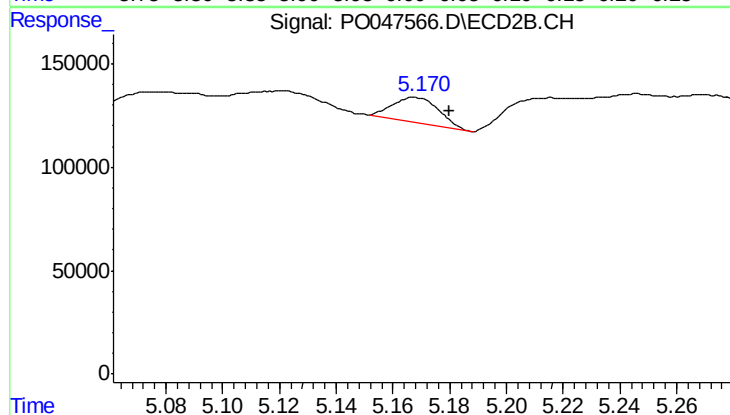
R.T.: 5.029 min
Delta R.T.: 0.021 min
Response: 272058
Conc: 64.87 ng/ml



#19 AR-1242-4

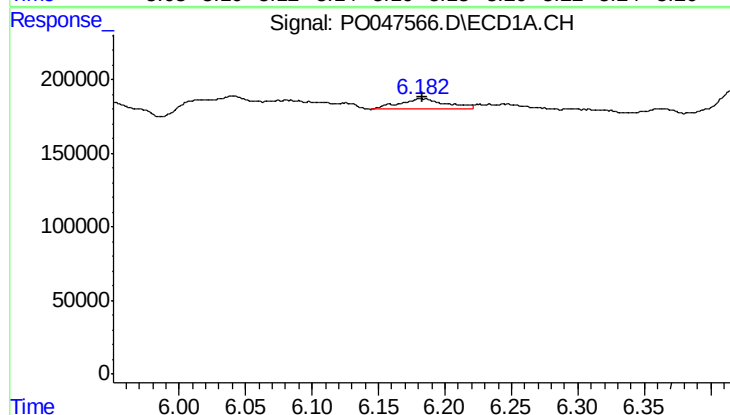
R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 176002
Conc: 45.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



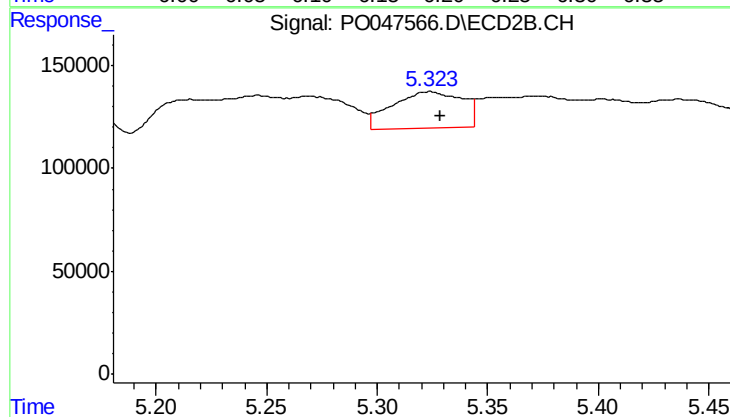
#19 AR-1242-4

R.T.: 5.168 min
Delta R.T.: -0.012 min
Response: 133706
Conc: 28.31 ng/ml



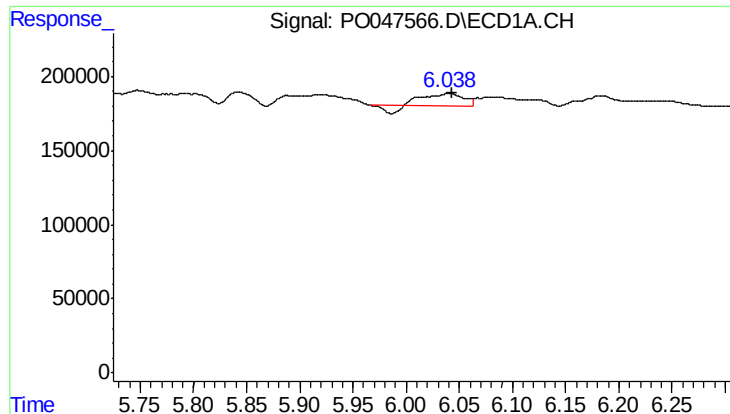
#20 AR-1242-5

R.T.: 6.182 min
Delta R.T.: -0.001 min
Response: 185195
Conc: 43.26 ng/ml



#20 AR-1242-5

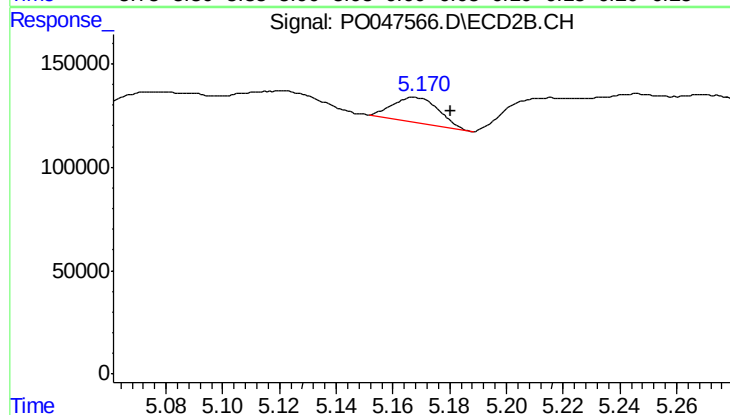
R.T.: 5.323 min
Delta R.T.: -0.005 min
Response: 391332
Conc: 101.08 ng/ml



#21 AR-1248-1

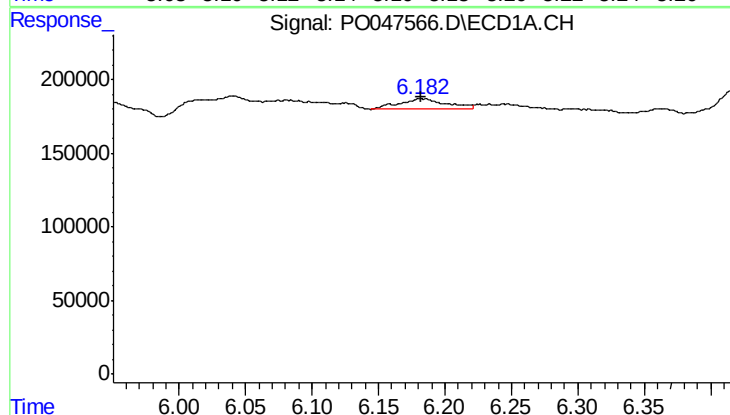
R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 176002
Conc: 28.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



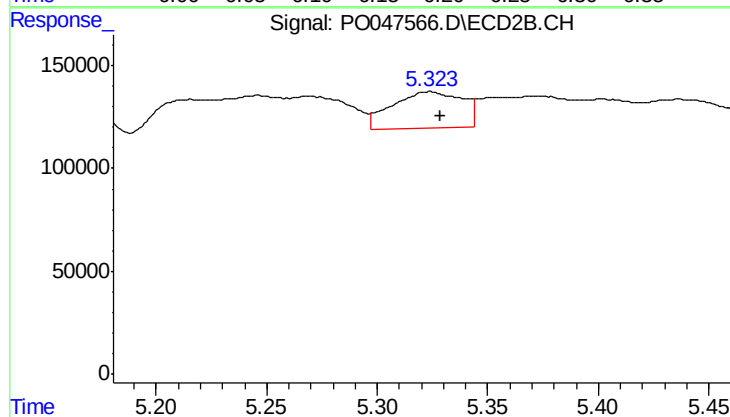
#21 AR-1248-1

R.T.: 5.168 min
Delta R.T.: -0.013 min
Response: 133706
Conc: 17.92 ng/ml



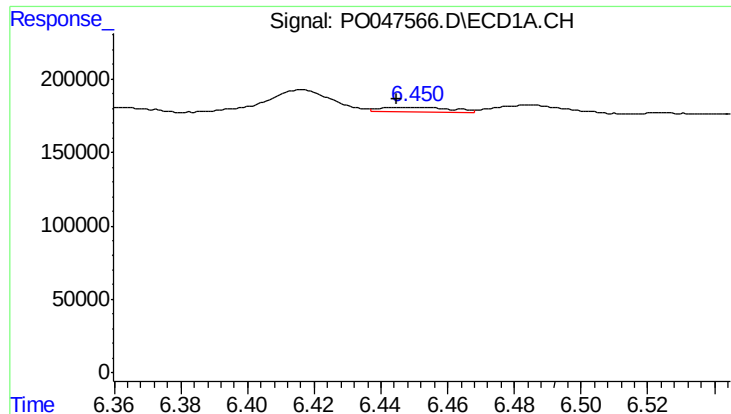
#22 AR-1248-2

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 185195
Conc: 34.00 ng/ml



#22 AR-1248-2

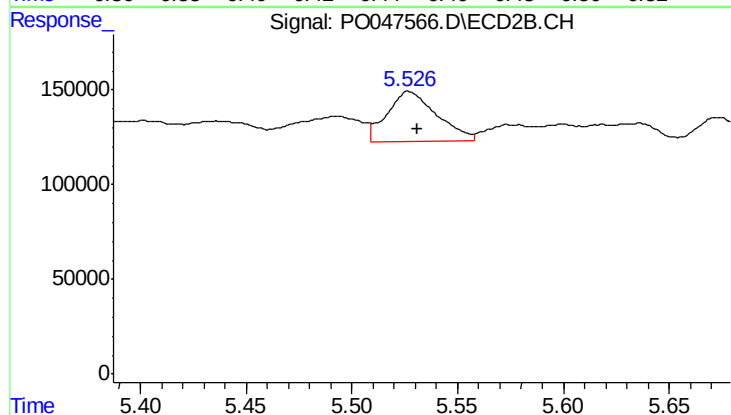
R.T.: 5.323 min
Delta R.T.: -0.005 min
Response: 391332
Conc: 73.15 ng/ml



#23 AR-1248-3

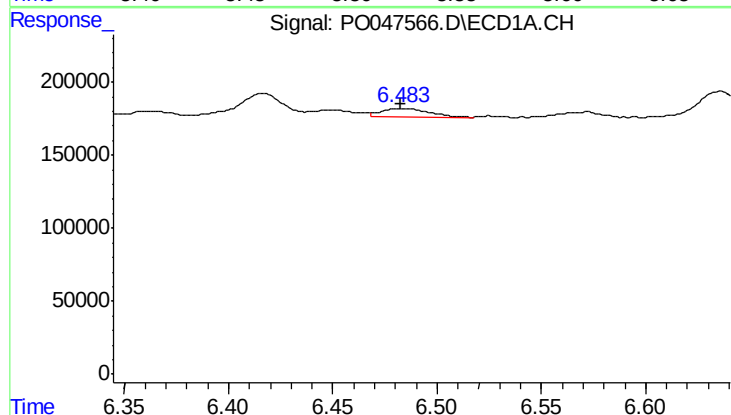
R.T.: 6.450 min
Delta R.T.: 0.005 min
Response: 52956
Conc: 7.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



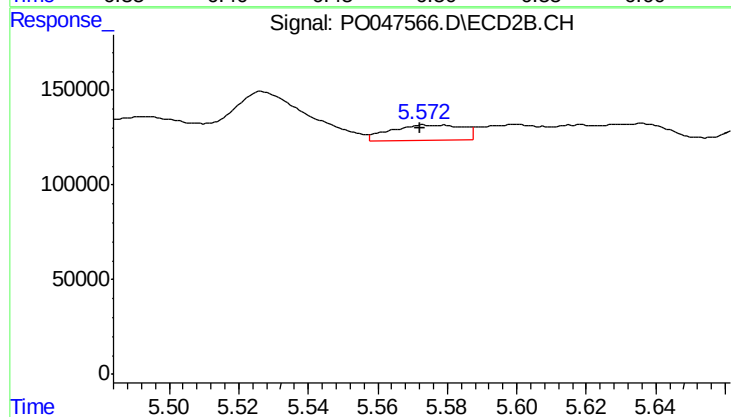
#23 AR-1248-3

R.T.: 5.527 min
Delta R.T.: -0.004 min
Response: 427899
Conc: 43.00 ng/ml



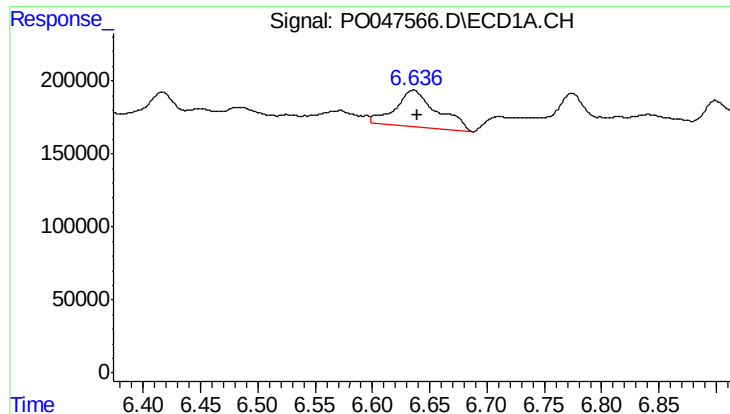
#24 AR-1248-4

R.T.: 6.484 min
Delta R.T.: 0.001 min
Response: 85948
Conc: 12.80 ng/ml



#24 AR-1248-4

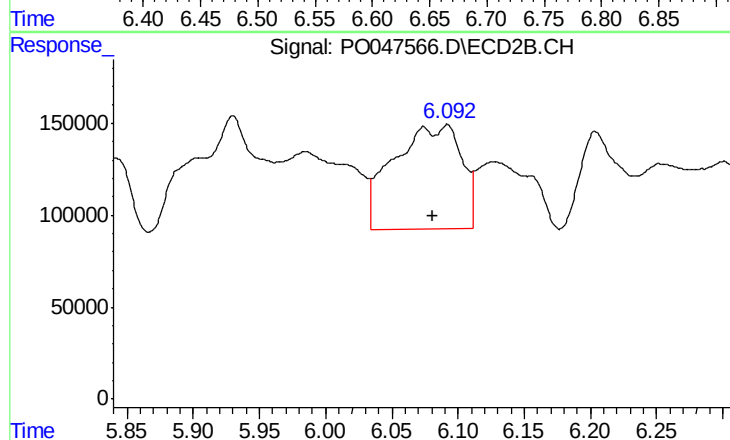
R.T.: 5.576 min
Delta R.T.: 0.004 min
Response: 115433
Conc: 16.47 ng/ml



#25 AR-1248-5

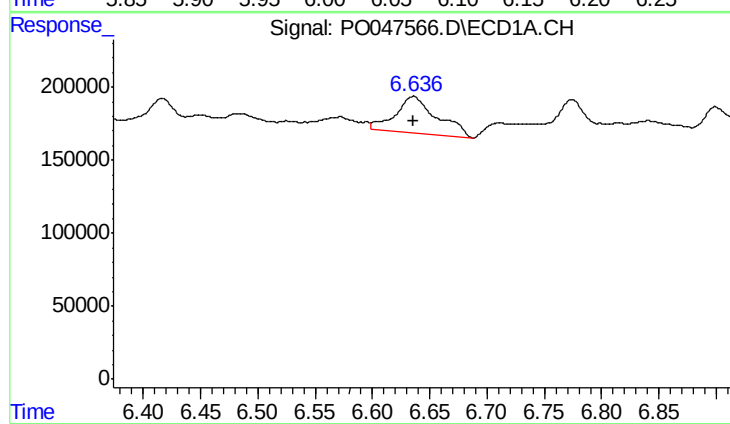
R.T.: 6.636 min
Delta R.T.: -0.004 min
Response: 630084
Conc: 89.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



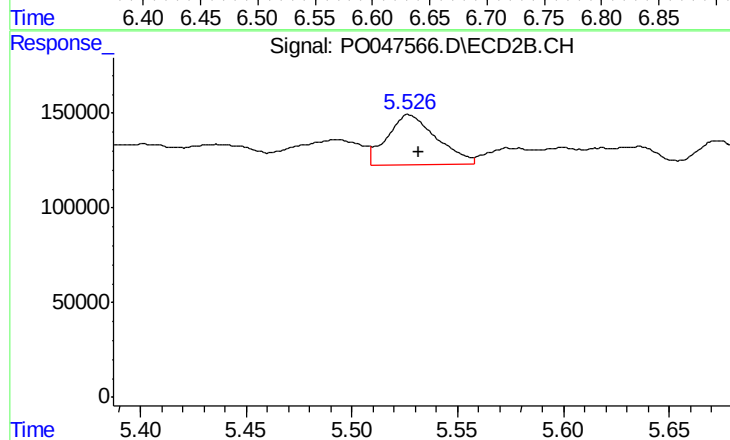
#25 AR-1248-5

R.T.: 6.091 min
Delta R.T.: 0.010 min
Response: 2038909
Conc: 427.82 ng/ml



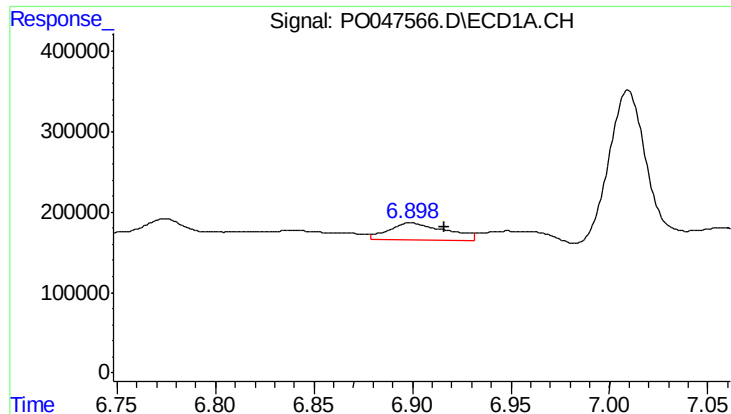
#26 AR-1254-1

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 630084
Conc: 51.52 ng/ml



#26 AR-1254-1

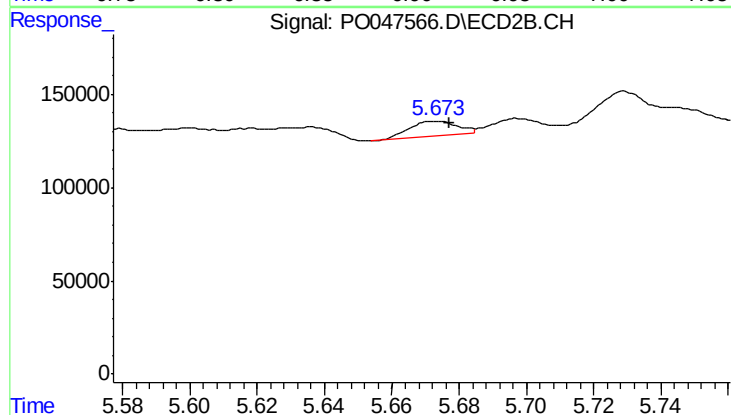
R.T.: 5.527 min
Delta R.T.: -0.004 min
Response: 427899
Conc: 34.77 ng/ml



#27 AR-1254-2

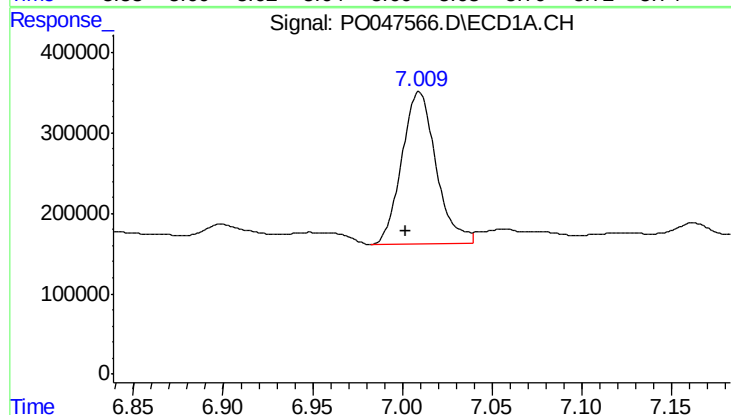
R.T.: 6.899 min
Delta R.T.: -0.017 min
Response: 431888
Conc: 57.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



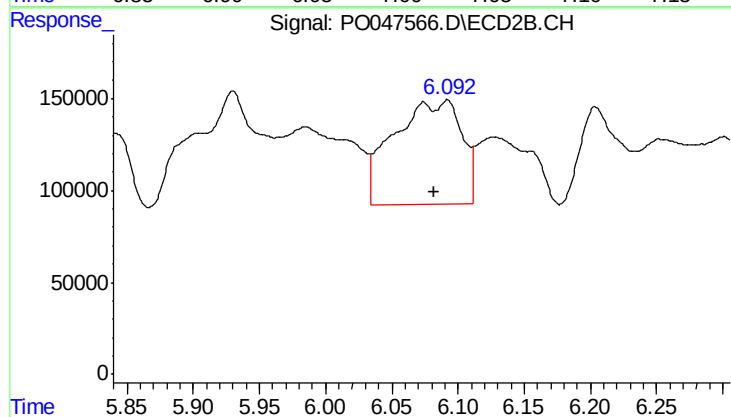
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 75614
Conc: 7.26 ng/ml



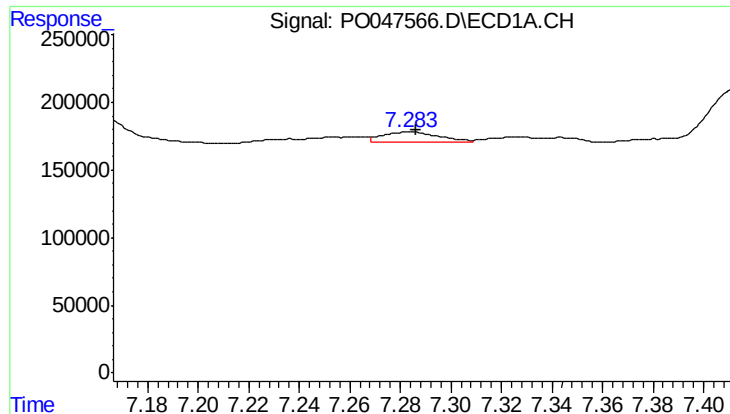
#28 AR-1254-3

R.T.: 7.010 min
Delta R.T.: 0.007 min
Response: 2517246
Conc: 193.02 ng/ml



#28 AR-1254-3

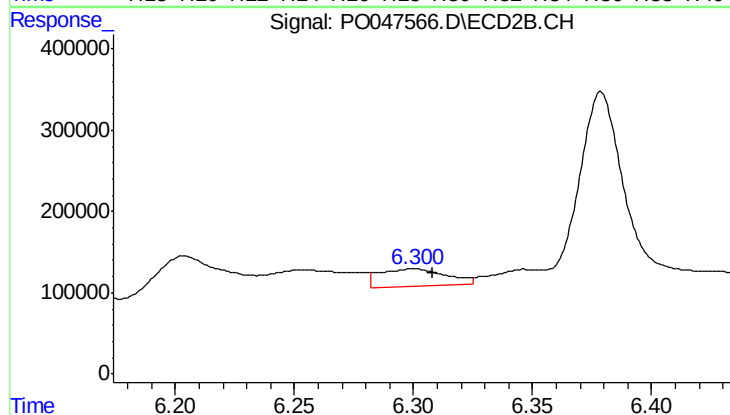
R.T.: 6.091 min
Delta R.T.: 0.010 min
Response: 2038909
Conc: 117.48 ng/ml



#29 AR-1254-4

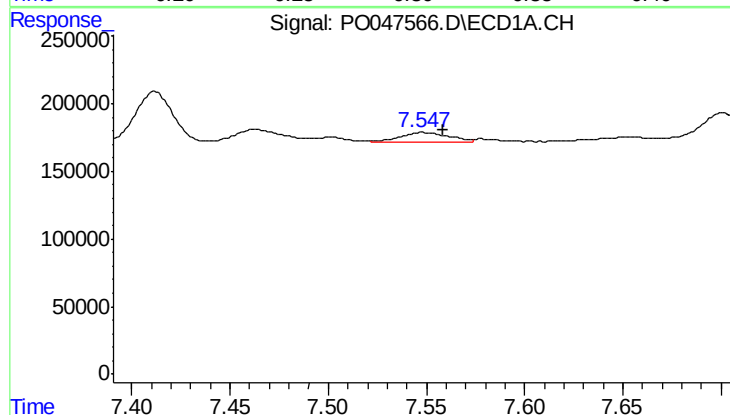
R.T.: 7.284 min
Delta R.T.: -0.003 min
Response: 125876
Conc: 12.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



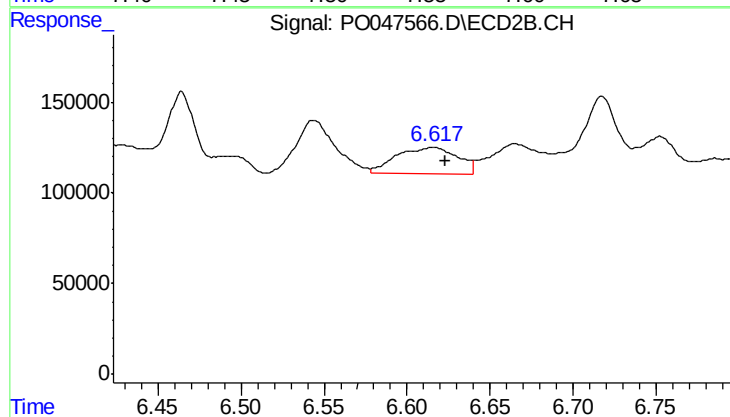
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.008 min
Response: 432660
Conc: 39.93 ng/ml



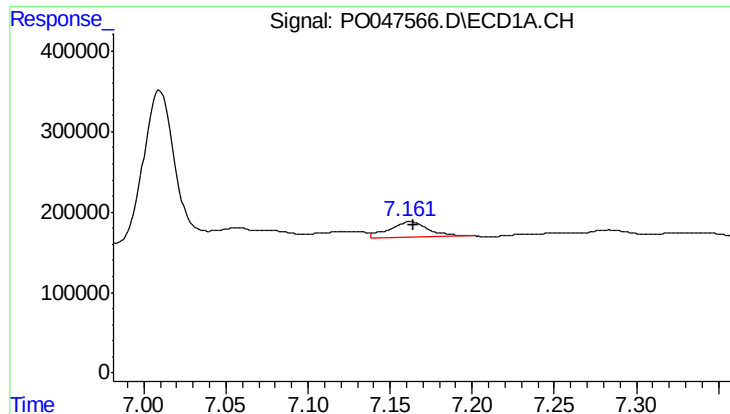
#30 AR-1254-5

R.T.: 7.548 min
Delta R.T.: -0.011 min
Response: 128713
Conc: 17.42 ng/ml



#30 AR-1254-5

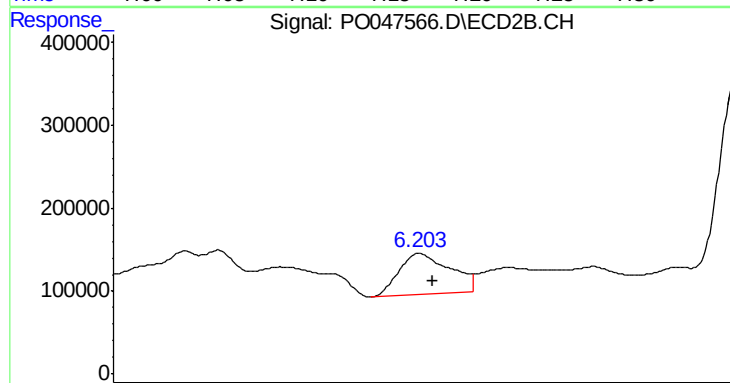
R.T.: 6.616 min
Delta R.T.: -0.008 min
Response: 375634
Conc: 49.12 ng/ml



#31 AR-1260-1

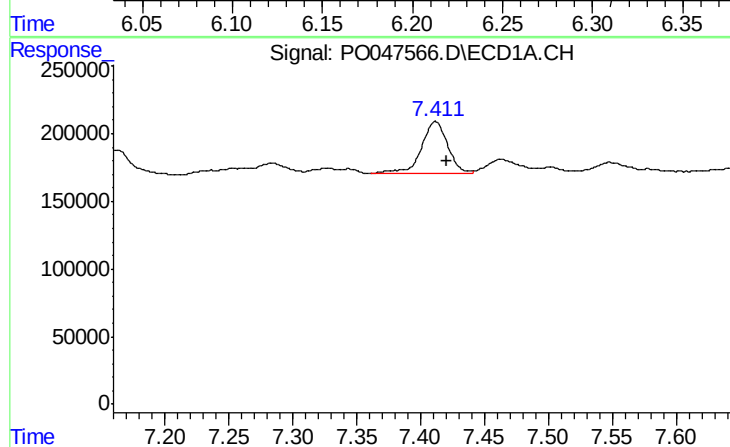
R.T.: 7.162 min
Delta R.T.: -0.002 min
Response: 325227
Conc: 34.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



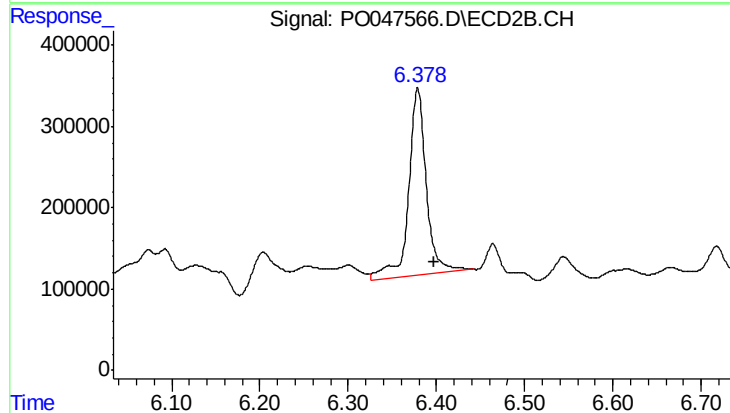
#31 AR-1260-1

R.T.: 6.204 min
Delta R.T.: -0.007 min
Response: 970369
Conc: 87.82 ng/ml



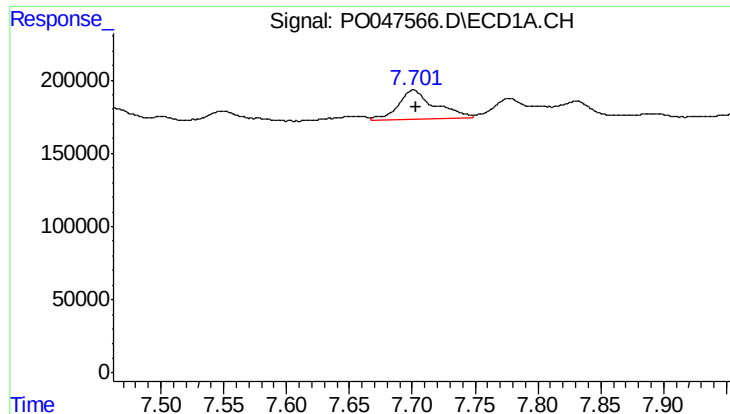
#32 AR-1260-2

R.T.: 7.412 min
Delta R.T.: -0.009 min
Response: 554911
Conc: 49.76 ng/ml



#32 AR-1260-2

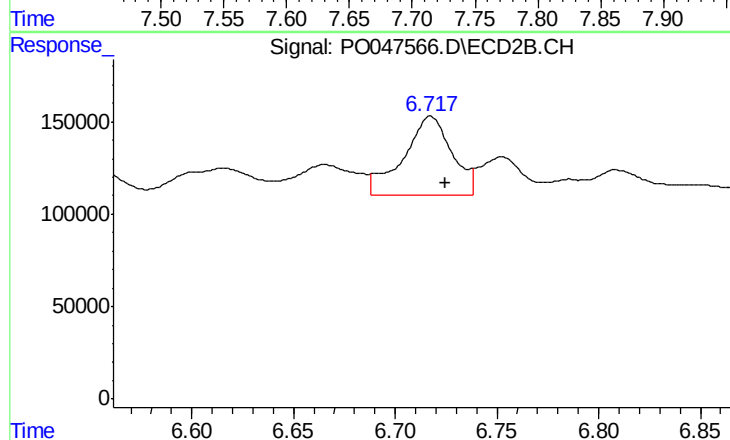
R.T.: 6.379 min
Delta R.T.: -0.018 min
Response: 3233287
Conc: 241.15 ng/ml



#33 AR-1260-3

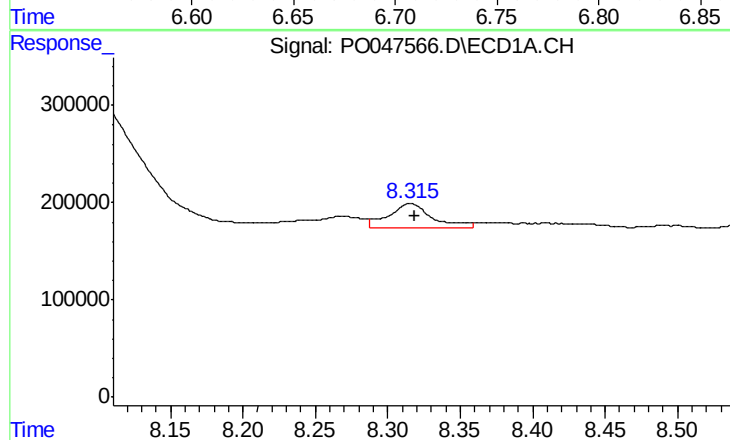
R.T.: 7.701 min
Delta R.T.: -0.002 min
Response: 410341
Conc: 31.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



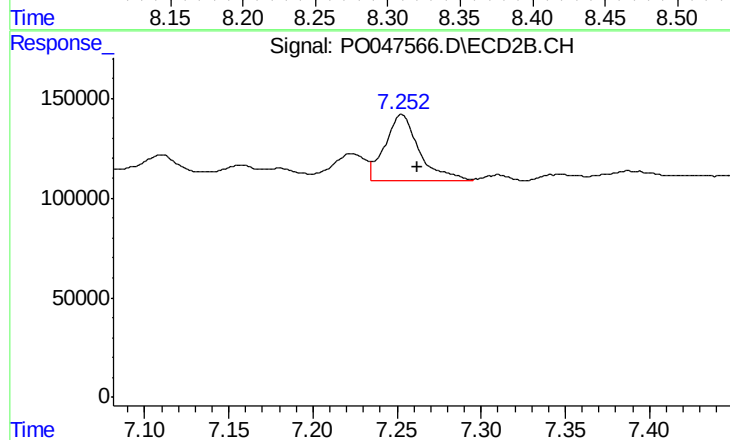
#33 AR-1260-3

R.T.: 6.717 min
Delta R.T.: -0.007 min
Response: 712699
Conc: 49.02 ng/ml



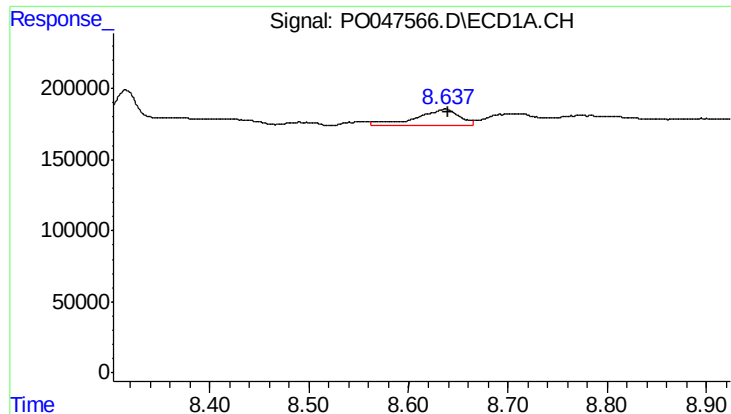
#34 AR-1260-4

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 523878
Conc: 29.45 ng/ml



#34 AR-1260-4

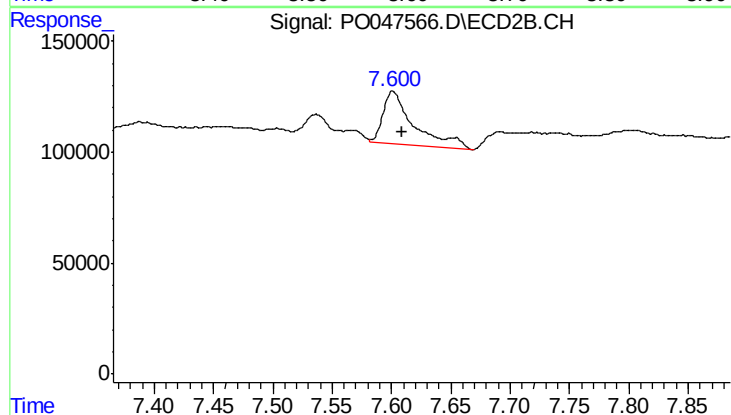
R.T.: 7.253 min
Delta R.T.: -0.009 min
Response: 468773
Conc: 21.30 ng/ml



#35 AR-1260-5

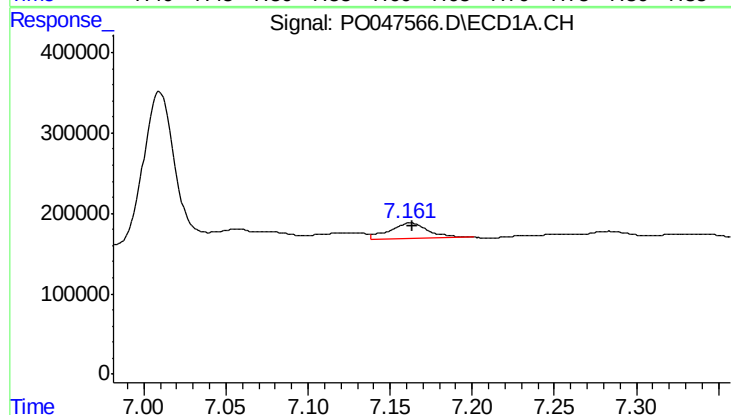
R.T.: 8.637 min
Delta R.T.: -0.003 min
Response: 351755
Conc: 30.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



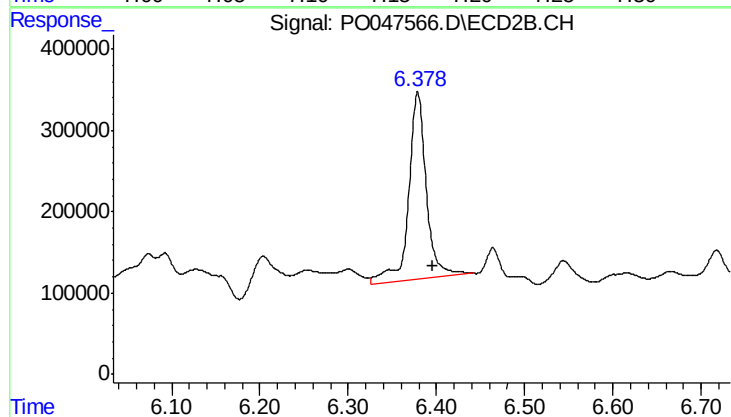
#35 AR-1260-5

R.T.: 7.601 min
Delta R.T.: -0.008 min
Response: 424508
Conc: 27.21 ng/ml



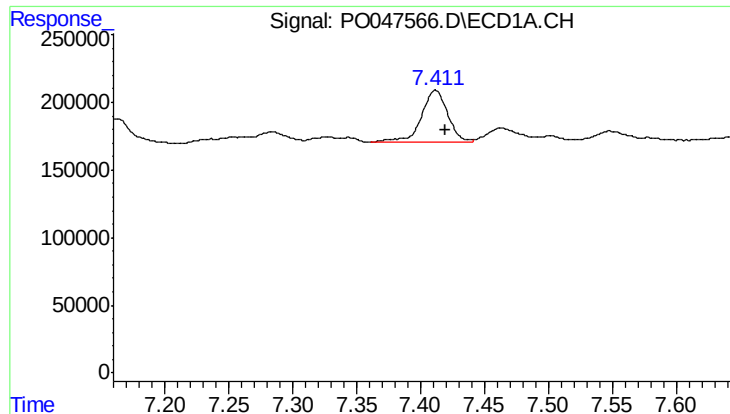
#36 AR-1262-1

R.T.: 7.162 min
Delta R.T.: -0.002 min
Response: 325227
Conc: 39.26 ng/ml



#36 AR-1262-1

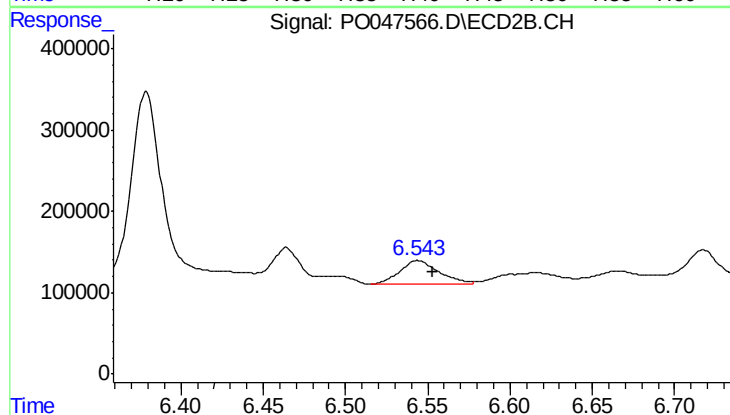
R.T.: 6.379 min
Delta R.T.: -0.018 min
Response: 3233287
Conc: 285.17 ng/ml



#37 AR-1262-2

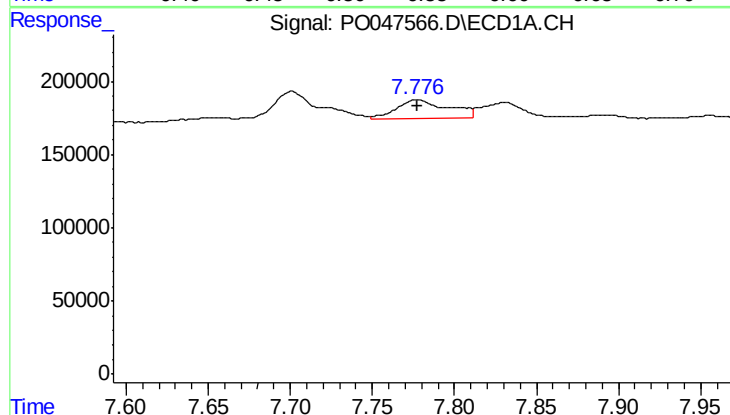
R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 554911
Conc: 57.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



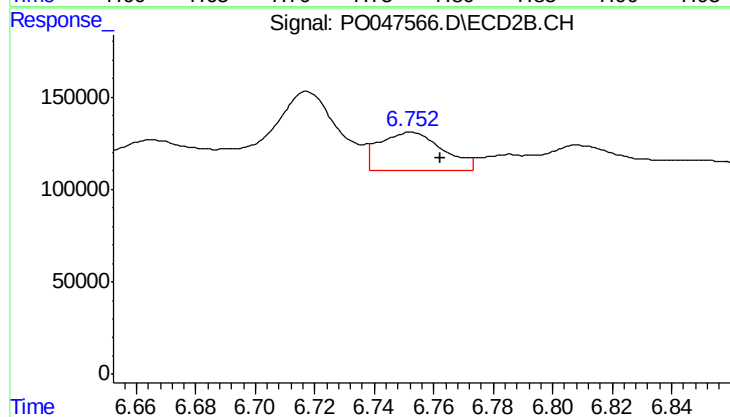
#37 AR-1262-2

R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 484684
Conc: 42.95 ng/ml



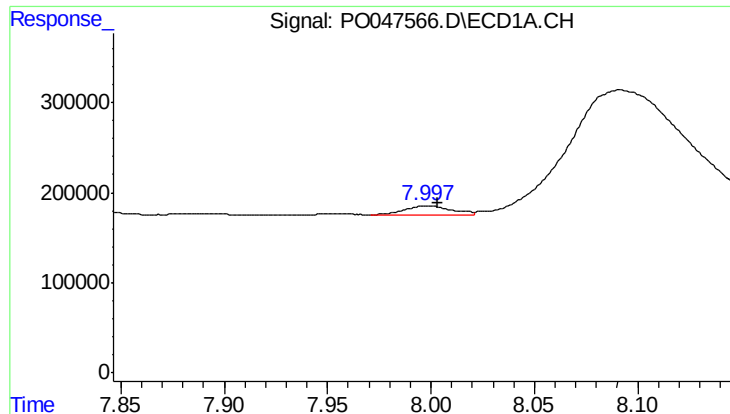
#38 AR-1262-3

R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 294092
Conc: 23.96 ng/ml



#38 AR-1262-3

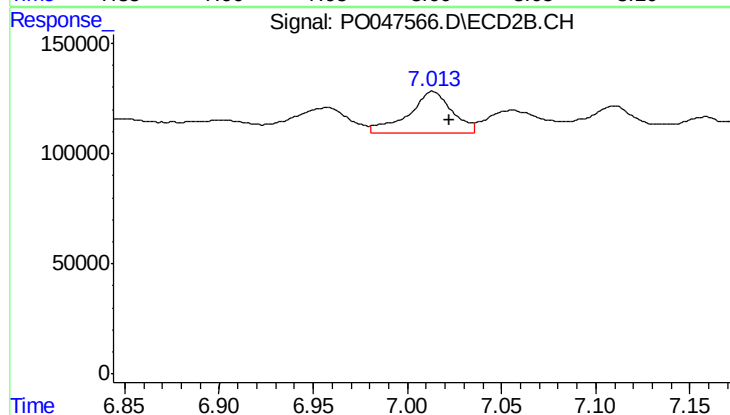
R.T.: 6.752 min
Delta R.T.: -0.010 min
Response: 307640
Conc: 20.38 ng/ml



#39 AR-1262-4

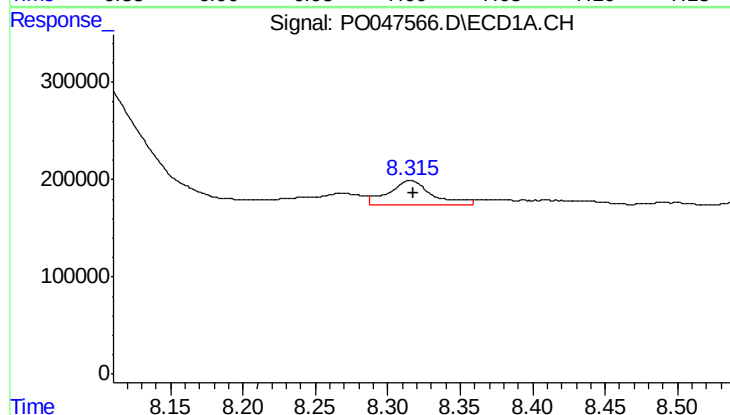
R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 180207
Conc: 15.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



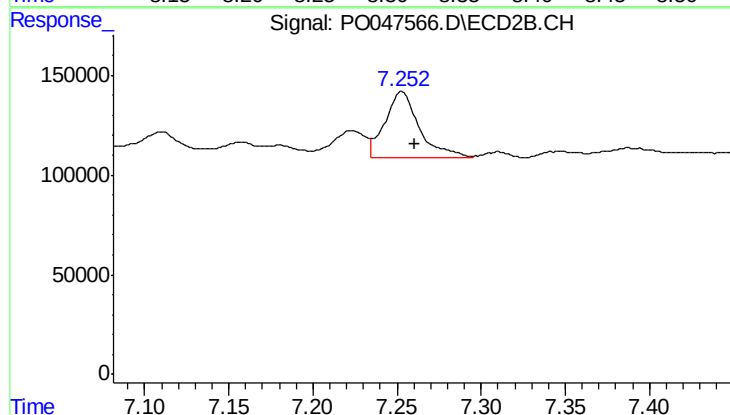
#39 AR-1262-4

R.T.: 7.014 min
Delta R.T.: -0.009 min
Response: 297207
Conc: 22.57 ng/ml



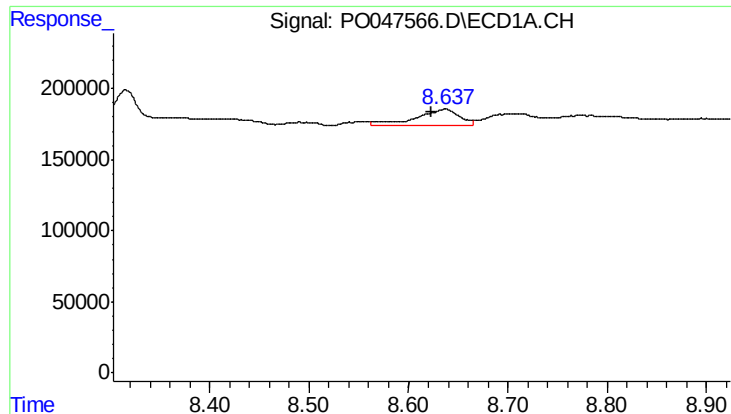
#40 AR-1262-5

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 523878
Conc: 24.38 ng/ml



#40 AR-1262-5

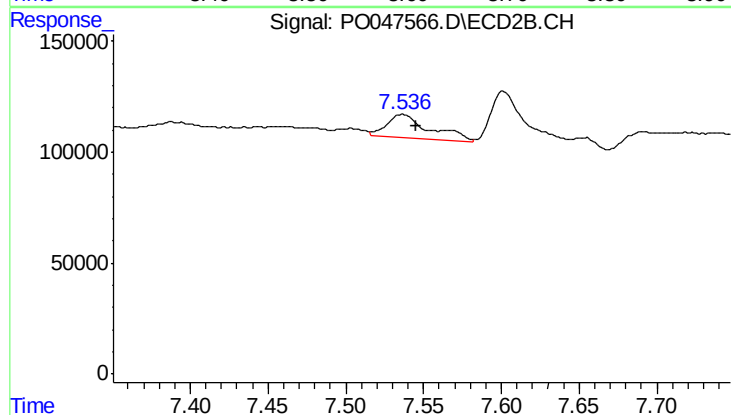
R.T.: 7.253 min
Delta R.T.: -0.008 min
Response: 468773
Conc: 18.15 ng/ml



#41 AR-1268-1

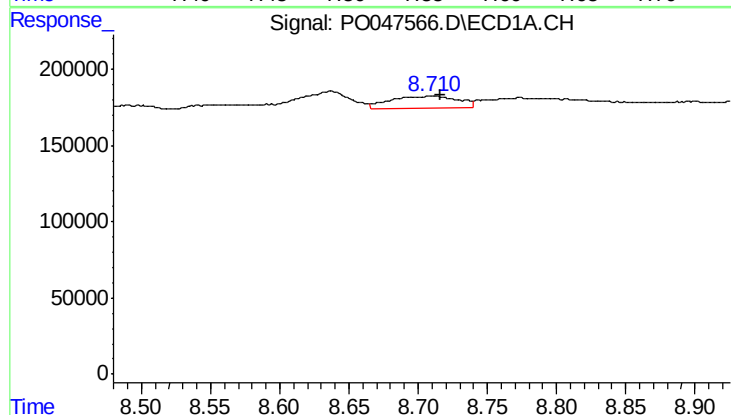
R.T.: 8.637 min
Delta R.T.: 0.014 min
Response: 351755
Conc: 15.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



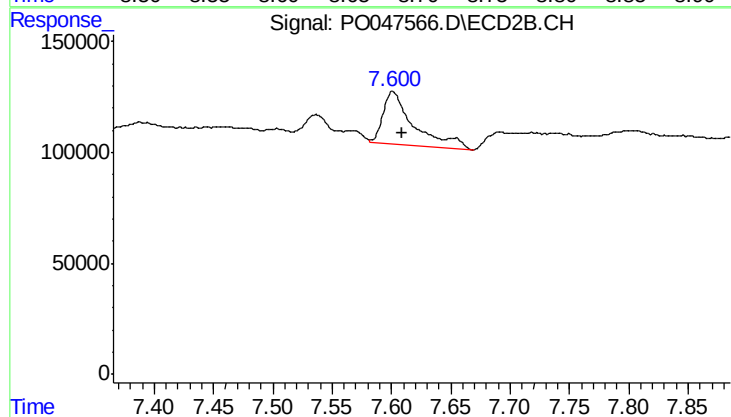
#41 AR-1268-1

R.T.: 7.536 min
Delta R.T.: -0.009 min
Response: 205682
Conc: 7.91 ng/ml



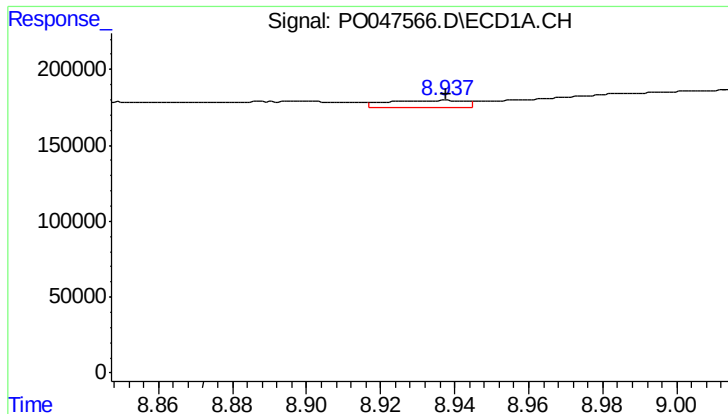
#42 AR-1268-2

R.T.: 8.710 min
Delta R.T.: -0.006 min
Response: 274512
Conc: 12.81 ng/ml



#42 AR-1268-2

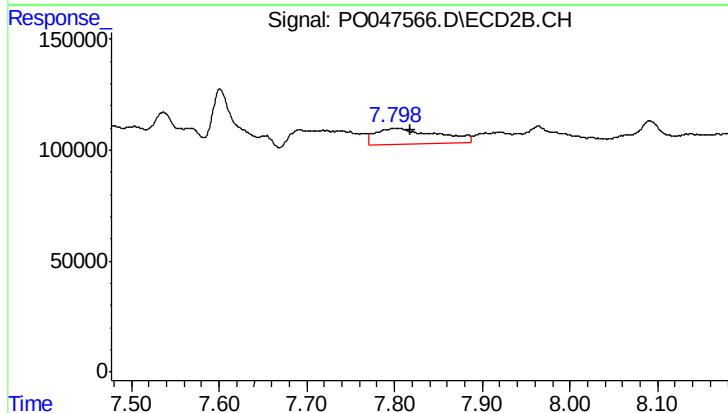
R.T.: 7.601 min
Delta R.T.: -0.008 min
Response: 424508
Conc: 17.04 ng/ml



#43 AR-1268-3

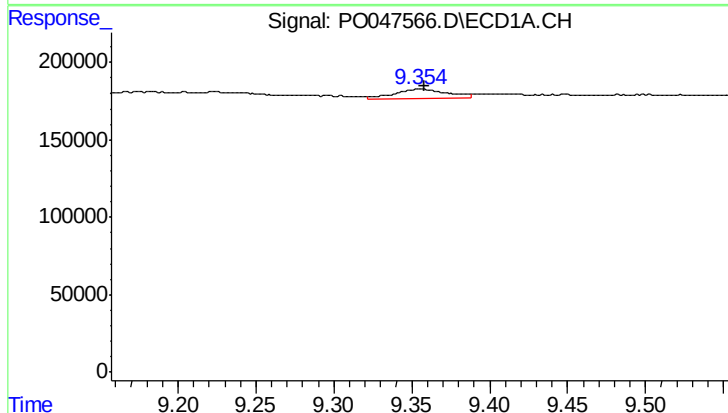
R.T.: 8.937 min
Delta R.T.: 0.000 min
Response: 64552
Conc: 3.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



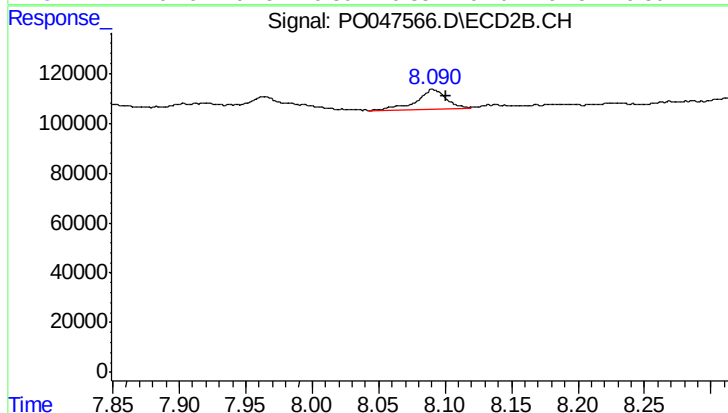
#43 AR-1268-3

R.T.: 7.802 min
Delta R.T.: -0.015 min
Response: 349429
Conc: 17.71 ng/ml



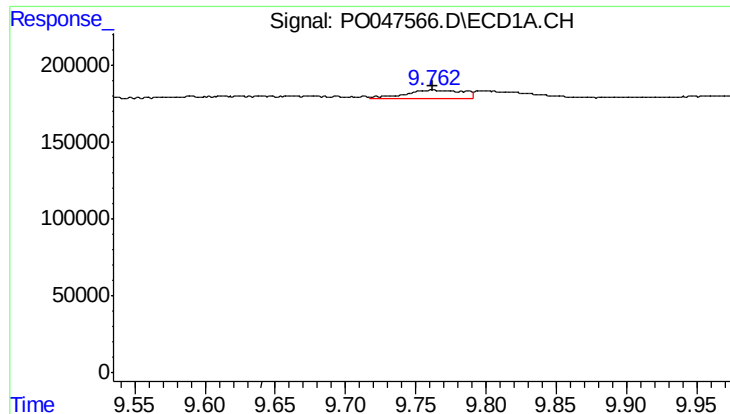
#44 AR-1268-4

R.T.: 9.355 min
Delta R.T.: -0.003 min
Response: 145270
Conc: 18.22 ng/ml



#44 AR-1268-4

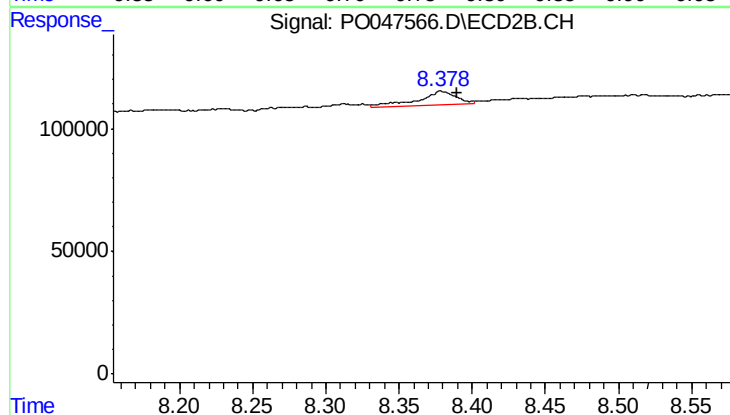
R.T.: 8.091 min
Delta R.T.: -0.009 min
Response: 125642
Conc: 14.98 ng/ml



#45 AR-1268-5

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 166093
Conc: 3.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-072518RE



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: -0.010 min
Response: 97389
Conc: 1.78 ng/ml