

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081123\
 Data File : PQ063028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 17:42
 Operator : YP\AJ
 Sample : 03971-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:20:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.453	2.784	107.2E6	79803525	19.942	19.350
2)	SA Decachlor...	8.688	7.595	75087654	70041651	19.393	16.193
Target Compounds							
3)	L1 AR-1016-1	4.572	3.789	901548	303226	4.633	1.903 #
4)	L1 AR-1016-2	4.572	3.809	901548	271118	3.249	1.269 #
5)	L1 AR-1016-3	4.645	3.979	390519	190659	2.284	1.595 #
6)	L1 AR-1016-4	4.749	4.032	1106618	621956	7.863	6.410
7)	L1 AR-1016-5	5.034	4.221	805751	707636	5.856	5.623
8)	L2 AR-1221-1	3.662	2.998	160447	46511	2.358	0.848 #
9)	L2 AR-1221-2	3.735	3.054	1765676	1100643	37.008	29.180
10)	L2 AR-1221-3	3.824	3.135	643991	550707	4.173	4.577
11)	L3 AR-1232-1	3.824	3.135	643991	550707	4.984	5.652
12)	L3 AR-1232-2	4.312	3.809	2984267	271118	42.789	2.787 #
13)	L3 AR-1232-3	4.572	3.979	901548	190659	7.378	3.591 #
14)	L3 AR-1232-4	4.749	4.053	1106618	498545	18.340	10.862 #
15)	L3 AR-1232-5	4.837	4.221	242422	707636	5.554	13.051 #
16)	L4 AR-1242-1	4.572	3.789	901548	303226	5.342	2.100 #
17)	L4 AR-1242-2	4.572	3.809	901548	271118	3.738	1.427 #
18)	L4 AR-1242-3	4.645	3.979	390519	190659	2.666	1.767 #
19)	L4 AR-1242-4	4.749	4.053	1106618	498545	8.943	5.004 #
20)	L4 AR-1242-5	5.461	4.558	1188342	1862096	8.992	13.772 #
21)	L5 AR-1248-1	4.572	3.789	901548	303226	6.771	2.714 #
22)	L5 AR-1248-2	4.837	4.032	242422	621956	1.387	3.939 #
23)	L5 AR-1248-3	5.034	4.053	805751	498545	3.810	3.269
24)	L5 AR-1248-4	5.411	4.221	9496586	707636	39.858	3.721 #
25)	L5 AR-1248-5	5.461	4.595	1188342	1509202	5.114	7.803 #
26)	L6 AR-1254-1	5.411	4.558	9496586	1862096	43.362	6.940 #
27)	L6 AR-1254-2	5.603	4.702	5157567	2531598	15.230	10.786 #
28)	L6 AR-1254-3	5.970	5.092	5768854	2654576	16.091	7.020 #
29)	L6 AR-1254-4	6.260	5.326	6925591	726682	25.561	2.975 #
30)	L6 AR-1254-5	6.671	5.730	3097779	8134515	11.206	23.569 #
31)	L7 AR-1260-1	6.135	5.224	5648923	4563590	22.097	18.285
32)	L7 AR-1260-2	6.390	5.419	5615914	4790753	18.503	15.556
33)	L7 AR-1260-3	6.752	5.560	1815005	2430602	8.610	7.844
34)	L7 AR-1260-4	6.972	6.020	1098560	1371179	4.584	5.592
35)	L7 AR-1260-5	7.284	6.267	3132823	2906678	6.678	5.319
36)	L8 AR-1262-1	6.752	5.821	1815005	943500	5.620	6.608
37)	L8 AR-1262-2	7.284	6.020	3132823	1371179	5.773	4.388
38)	L8 AR-1262-3	7.566	6.548	1959304	2055355	5.424	8.153 #
39)	L8 AR-1262-4	7.642	6.597	1278287	2953469	4.561	6.317 #
40)	L8 AR-1262-5	8.147	7.102	655703	398673	3.489	1.814 #
41)	L9 AR-1268-1	7.566	6.548	1959304	2055355	3.030	2.754

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 Operator : YP\AJ
 Sample : 03971-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 11 23:20:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

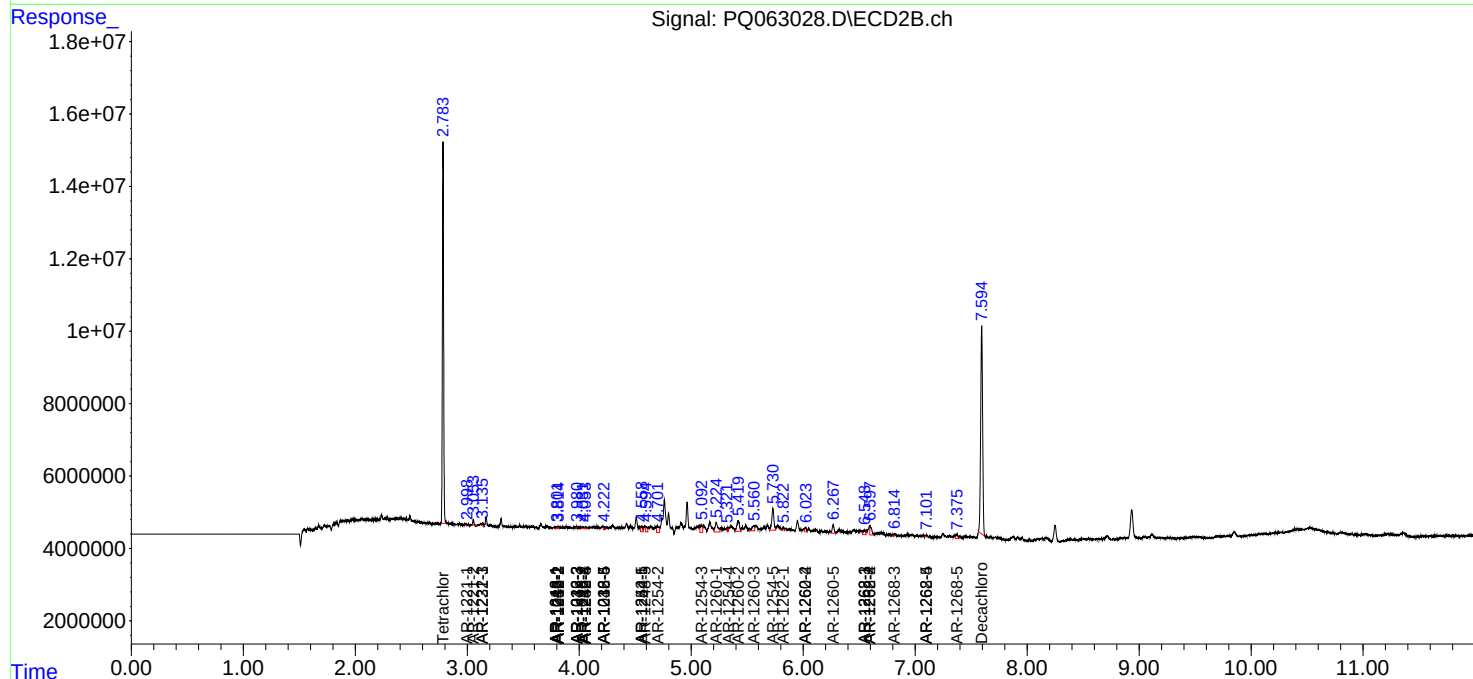
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

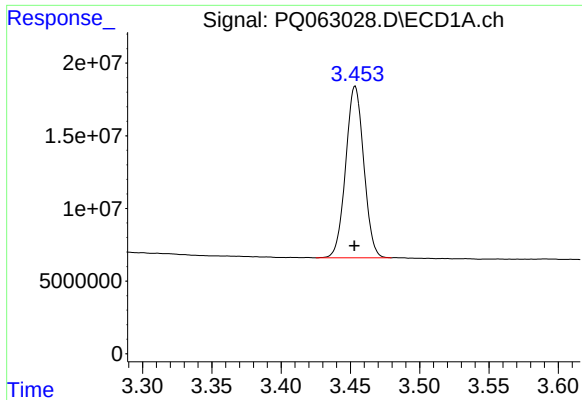
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.642	6.597	1278287	2953469	2.132	4.301 #
43) L9	AR-1268-3	7.822	6.814	1609106	439071	3.268	0.748 #
44) L9	AR-1268-4	8.147	7.102	655703	398673	3.056	1.566 #
45) L9	AR-1268-5	8.449	7.375	1350540	1463441	0.876	0.826

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

Instrument :
ECD_Q
ClientSampleId :

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

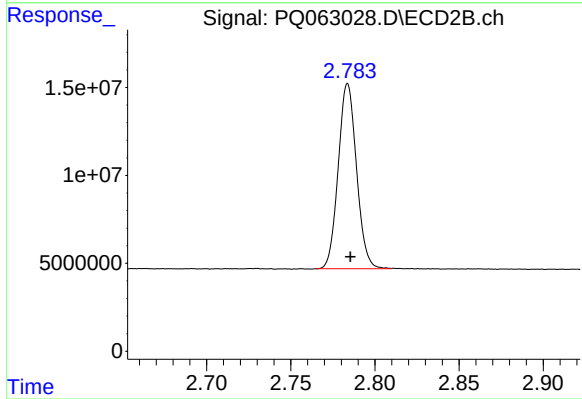




#1 Tetrachloro-m-xylene

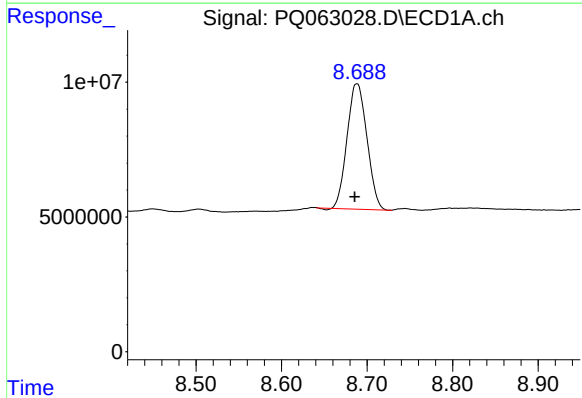
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 107154608
Conc: 19.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



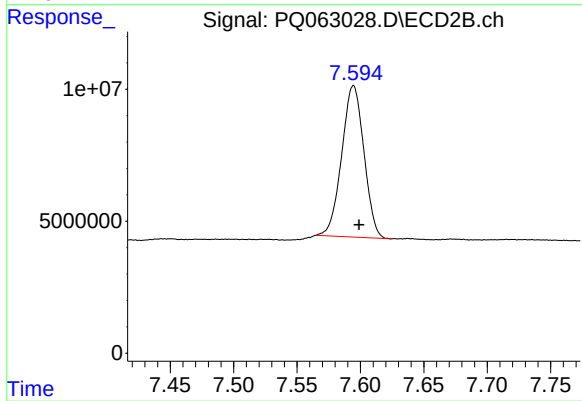
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.002 min
Response: 79803525
Conc: 19.35 ng/ml



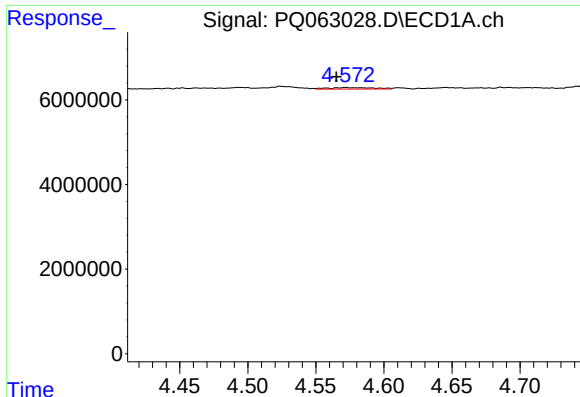
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 75087654
Conc: 19.39 ng/ml



#2 Decachlorobiphenyl

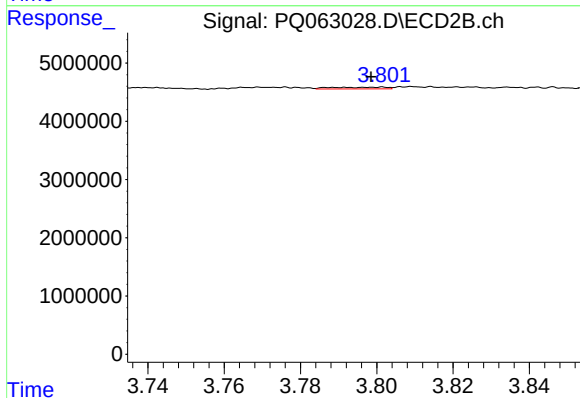
R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 70041651
Conc: 16.19 ng/ml



#3 AR-1016-1

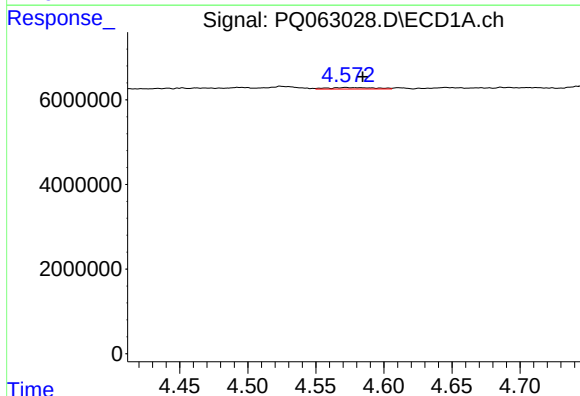
R.T.: 4.572 min
Delta R.T.: 0.007 min
Response: 901548
Conc: 4.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



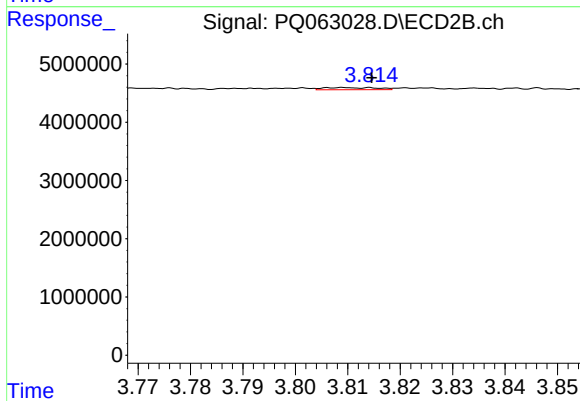
#3 AR-1016-1

R.T.: 3.789 min
Delta R.T.: -0.010 min
Response: 303226
Conc: 1.90 ng/ml



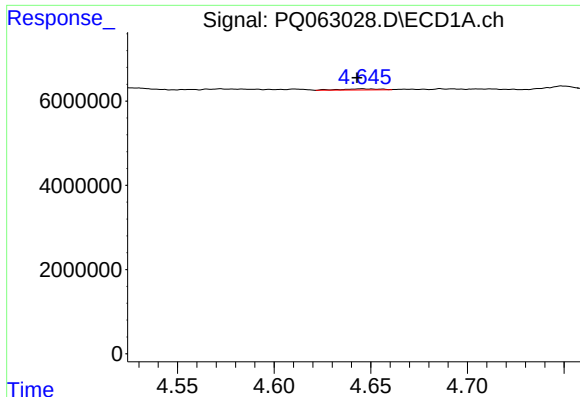
#4 AR-1016-2

R.T.: 4.572 min
Delta R.T.: -0.013 min
Response: 901548
Conc: 3.25 ng/ml



#4 AR-1016-2

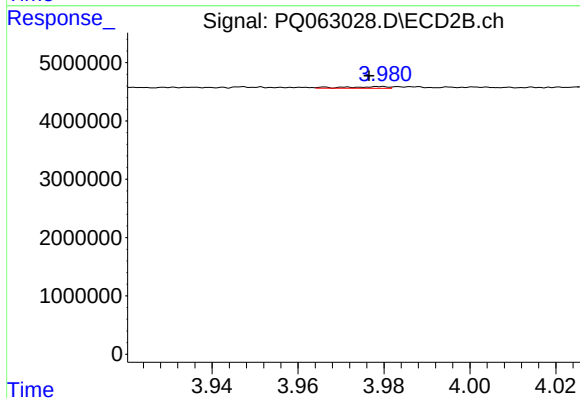
R.T.: 3.809 min
Delta R.T.: -0.005 min
Response: 271118
Conc: 1.27 ng/ml



#5 AR-1016-3

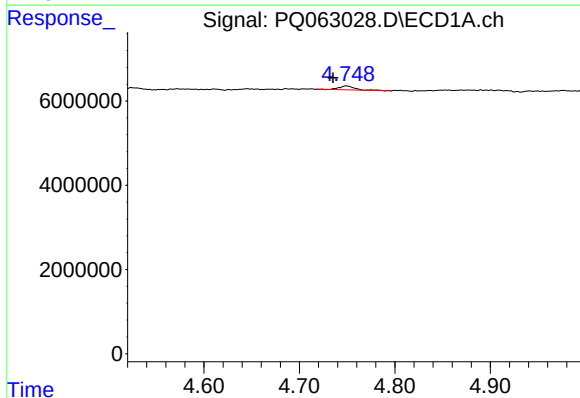
R.T.: 4.645 min
Delta R.T.: 0.003 min
Response: 390519
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



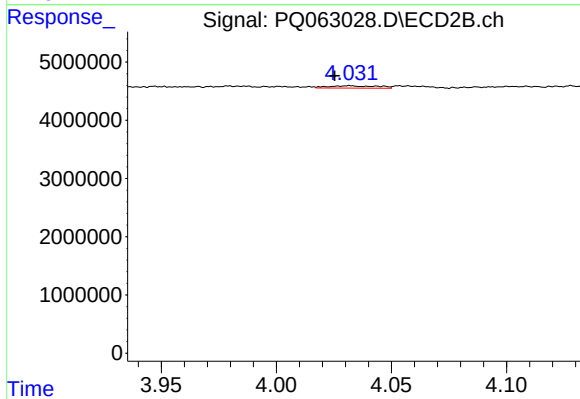
#5 AR-1016-3

R.T.: 3.979 min
Delta R.T.: 0.003 min
Response: 190659
Conc: 1.59 ng/ml



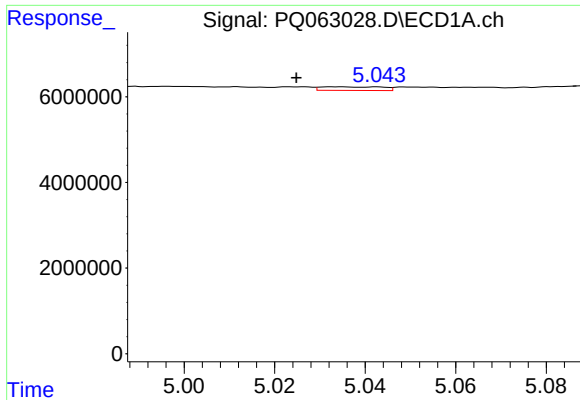
#6 AR-1016-4

R.T.: 4.749 min
Delta R.T.: 0.014 min
Response: 1106618
Conc: 7.86 ng/ml



#6 AR-1016-4

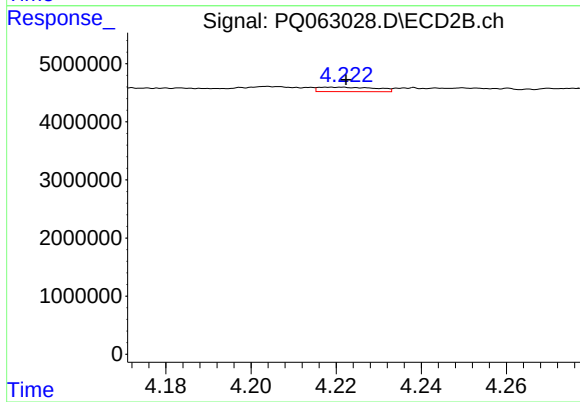
R.T.: 4.032 min
Delta R.T.: 0.007 min
Response: 621956
Conc: 6.41 ng/ml



#7 AR-1016-5

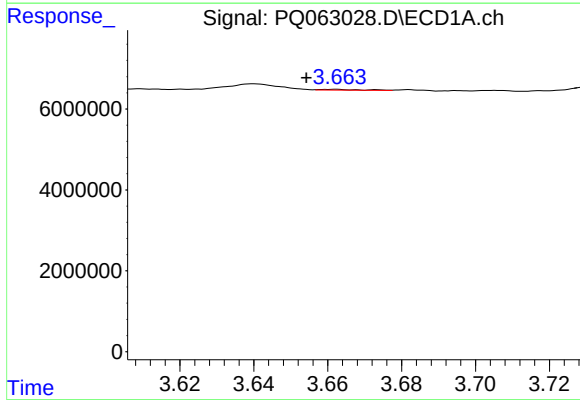
R.T.: 5.034 min
Delta R.T.: 0.009 min
Response: 805751
Conc: 5.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



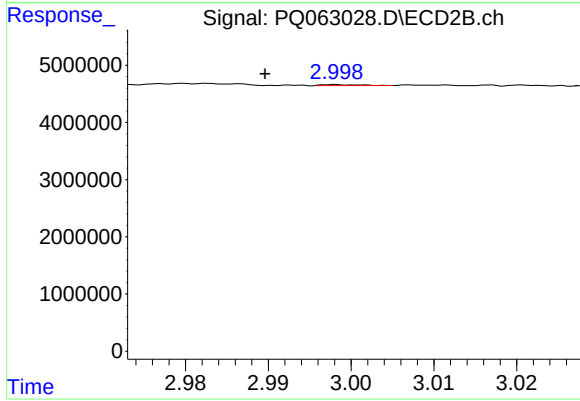
#7 AR-1016-5

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 707636
Conc: 5.62 ng/ml



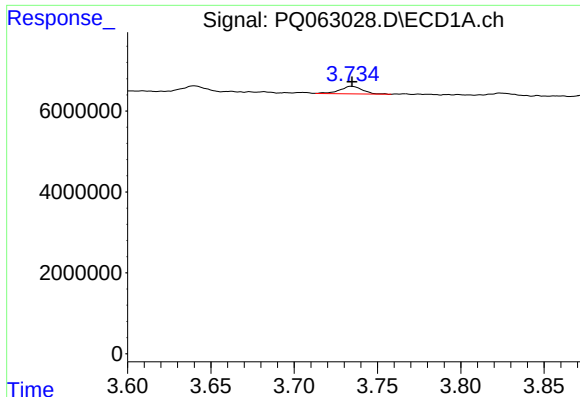
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: 0.008 min
Response: 160447
Conc: 2.36 ng/ml



#8 AR-1221-1

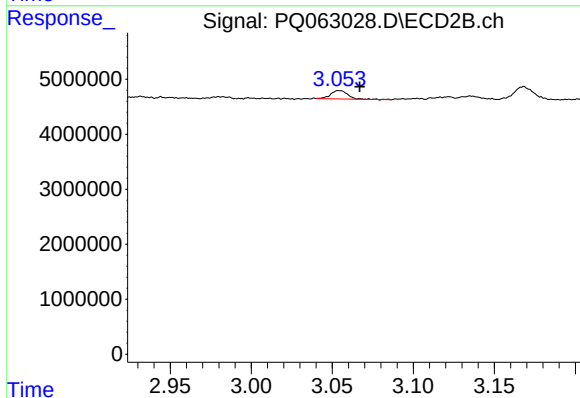
R.T.: 2.998 min
Delta R.T.: 0.009 min
Response: 46511
Conc: 0.85 ng/ml



#9 AR-1221-2

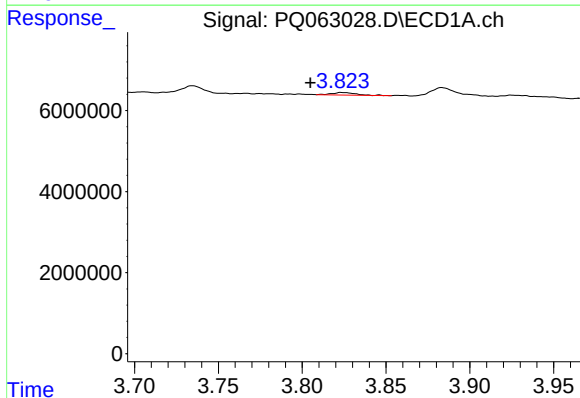
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 1765676
Conc: 37.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



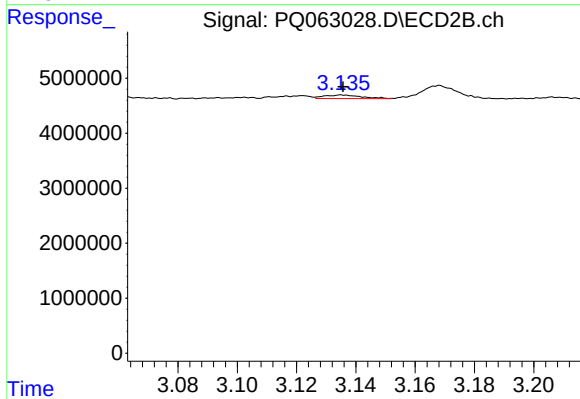
#9 AR-1221-2

R.T.: 3.054 min
Delta R.T.: -0.013 min
Response: 1100643
Conc: 29.18 ng/ml



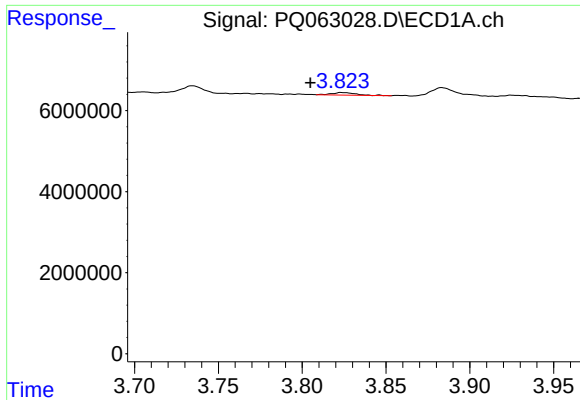
#10 AR-1221-3

R.T.: 3.824 min
Delta R.T.: 0.019 min
Response: 643991
Conc: 4.17 ng/ml



#10 AR-1221-3

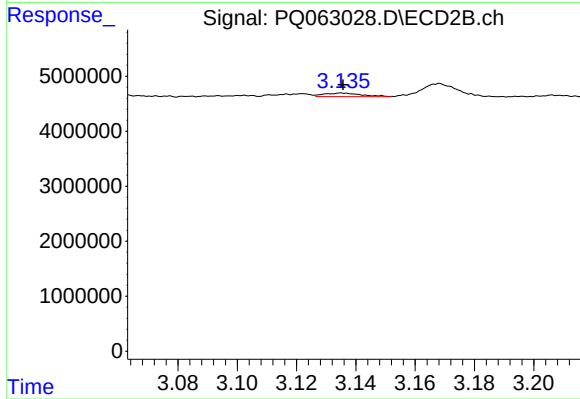
R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 550707
Conc: 4.58 ng/ml



#11 AR-1232-1

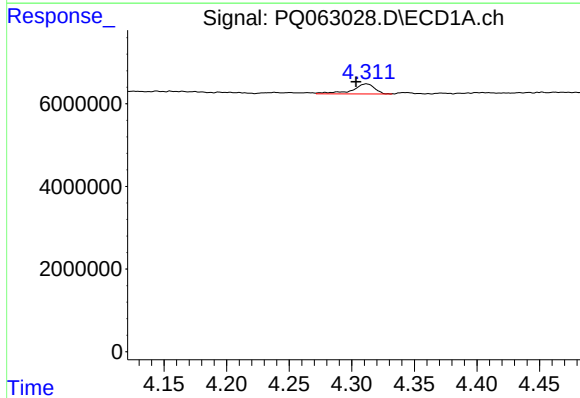
R.T.: 3.824 min
Delta R.T.: 0.019 min
Response: 643991
Conc: 4.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



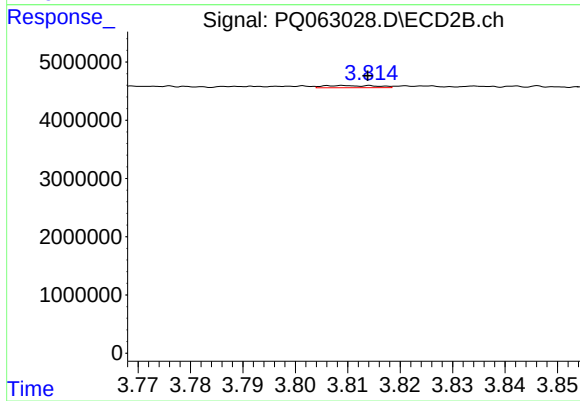
#11 AR-1232-1

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 550707
Conc: 5.65 ng/ml



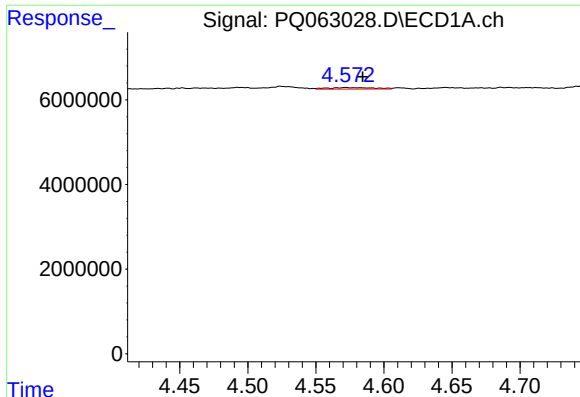
#12 AR-1232-2

R.T.: 4.312 min
Delta R.T.: 0.008 min
Response: 2984267
Conc: 42.79 ng/ml



#12 AR-1232-2

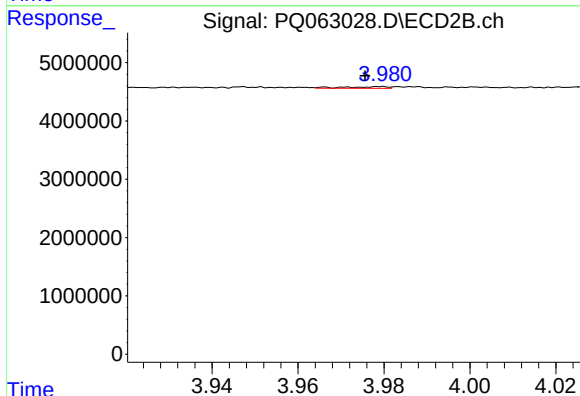
R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 271118
Conc: 2.79 ng/ml



#13 AR-1232-3

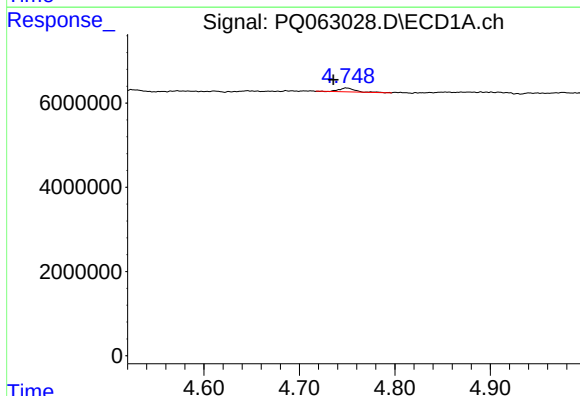
R.T.: 4.572 min
Delta R.T.: -0.012 min
Response: 901548
Conc: 7.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



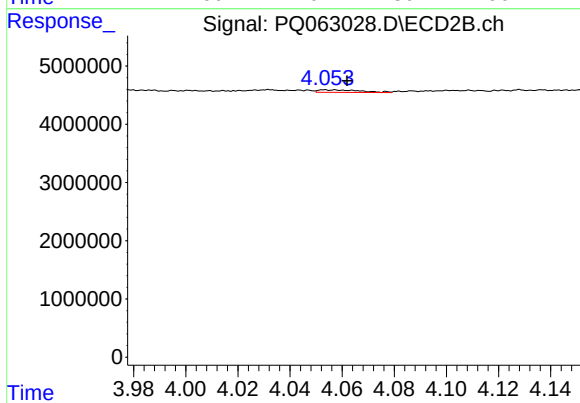
#13 AR-1232-3

R.T.: 3.979 min
Delta R.T.: 0.004 min
Response: 190659
Conc: 3.59 ng/ml



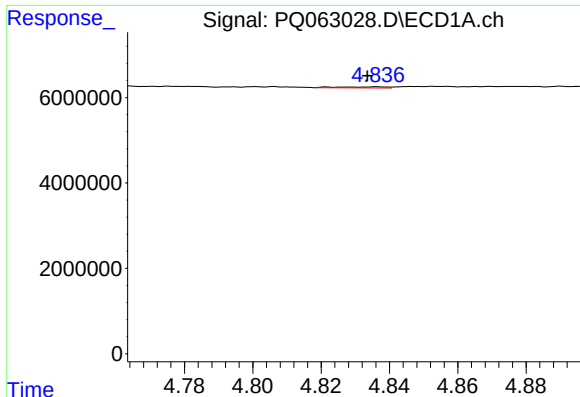
#14 AR-1232-4

R.T.: 4.749 min
Delta R.T.: 0.014 min
Response: 1106618
Conc: 18.34 ng/ml



#14 AR-1232-4

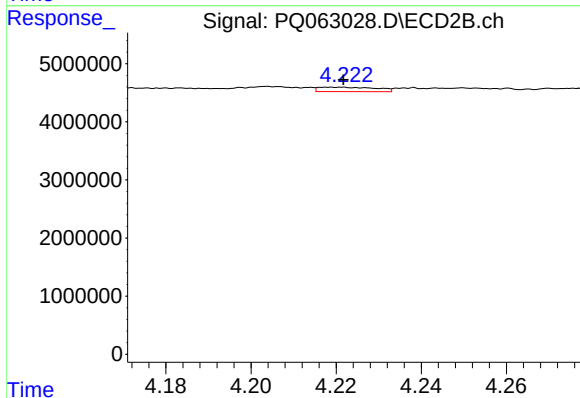
R.T.: 4.053 min
Delta R.T.: -0.009 min
Response: 498545
Conc: 10.86 ng/ml



#15 AR-1232-5

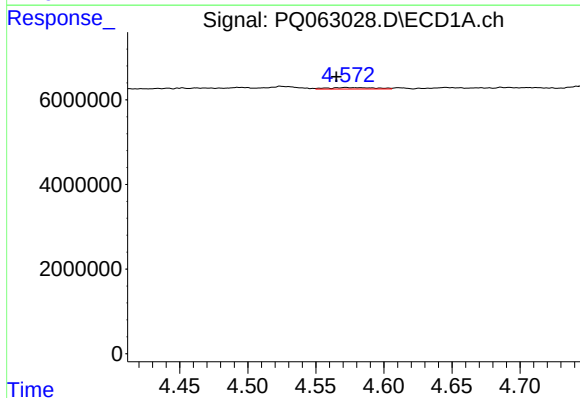
R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 242422
Conc: 5.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



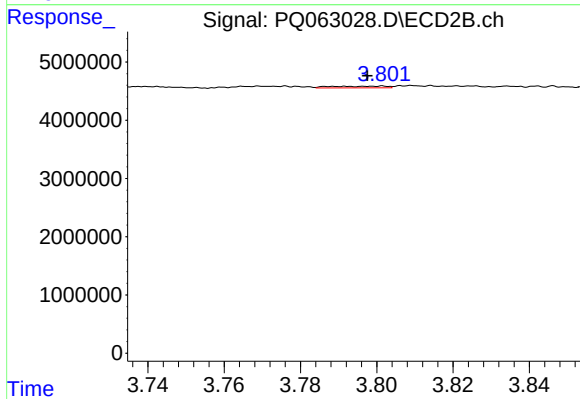
#15 AR-1232-5

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 707636
Conc: 13.05 ng/ml



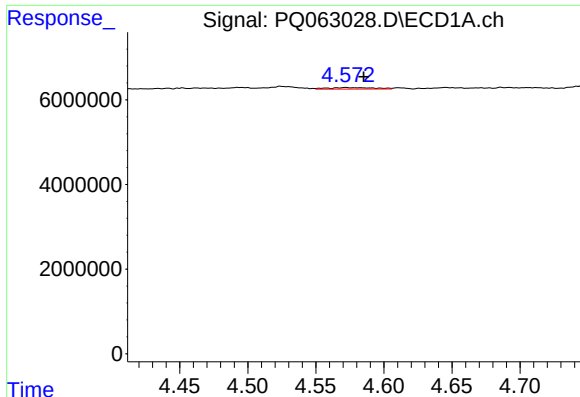
#16 AR-1242-1

R.T.: 4.572 min
Delta R.T.: 0.007 min
Response: 901548
Conc: 5.34 ng/ml



#16 AR-1242-1

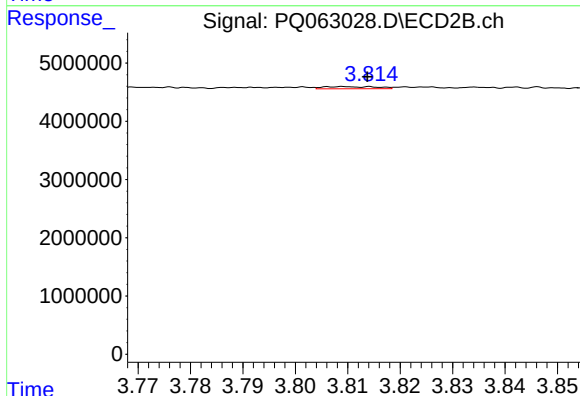
R.T.: 3.789 min
Delta R.T.: -0.009 min
Response: 303226
Conc: 2.10 ng/ml



#17 AR-1242-2

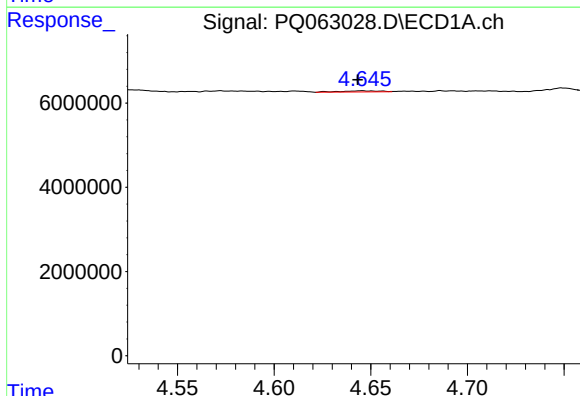
R.T.: 4.572 min
Delta R.T.: -0.013 min
Response: 901548
Conc: 3.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



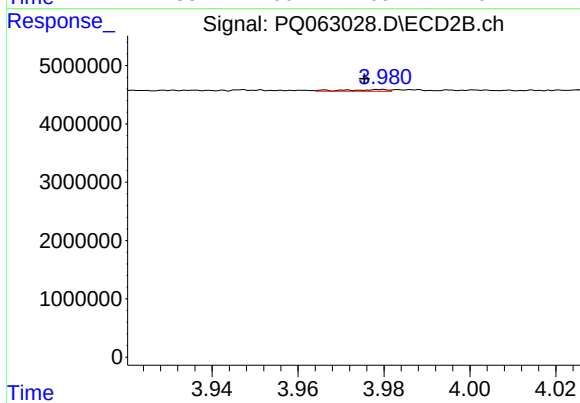
#17 AR-1242-2

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 271118
Conc: 1.43 ng/ml



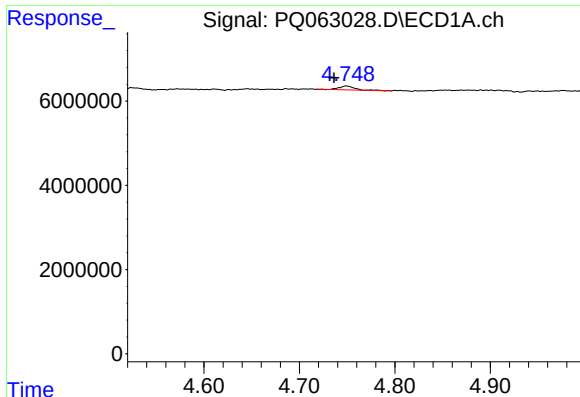
#18 AR-1242-3

R.T.: 4.645 min
Delta R.T.: 0.002 min
Response: 390519
Conc: 2.67 ng/ml



#18 AR-1242-3

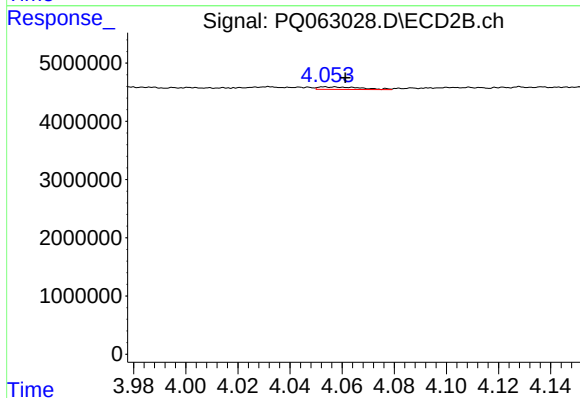
R.T.: 3.979 min
Delta R.T.: 0.004 min
Response: 190659
Conc: 1.77 ng/ml



#19 AR-1242-4

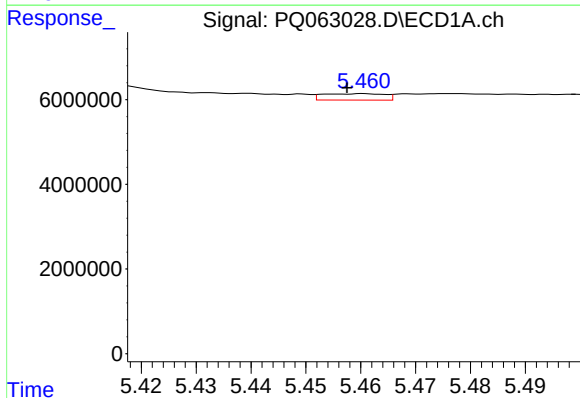
R.T.: 4.749 min
Delta R.T.: 0.013 min
Response: 1106618
Conc: 8.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



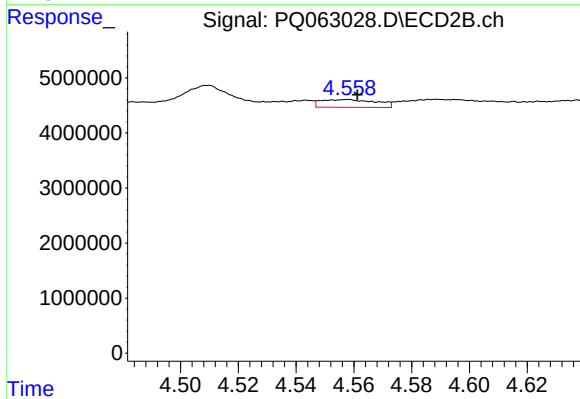
#19 AR-1242-4

R.T.: 4.053 min
Delta R.T.: -0.008 min
Response: 498545
Conc: 5.00 ng/ml



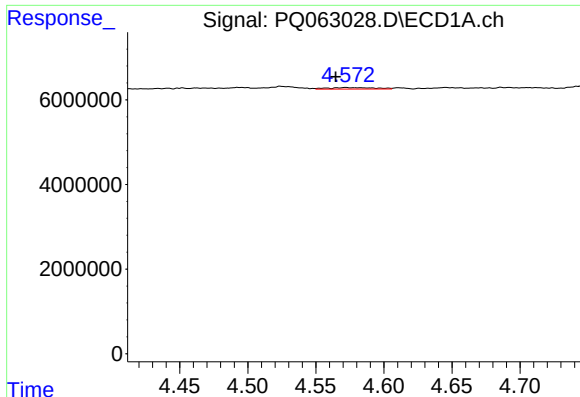
#20 AR-1242-5

R.T.: 5.461 min
Delta R.T.: 0.003 min
Response: 1188342
Conc: 8.99 ng/ml



#20 AR-1242-5

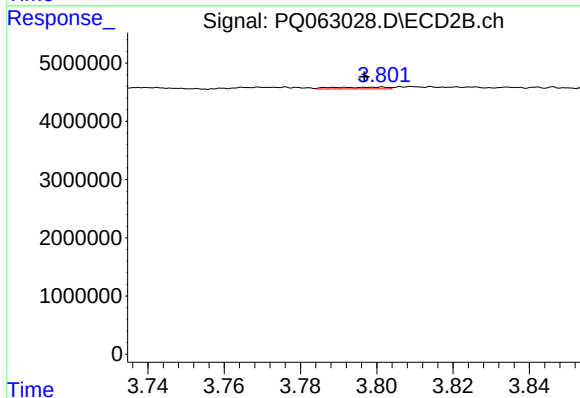
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 1862096
Conc: 13.77 ng/ml



#21 AR-1248-1

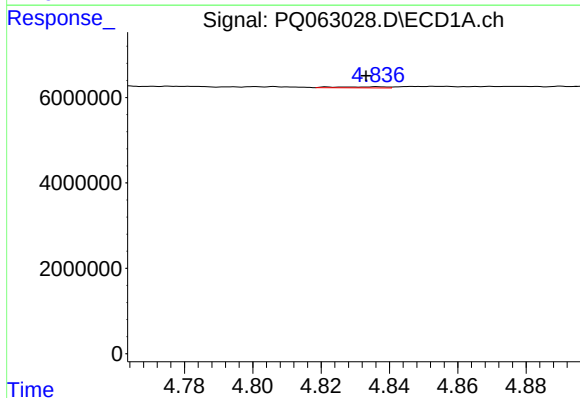
R.T.: 4.572 min
Delta R.T.: 0.007 min
Response: 901548
Conc: 6.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



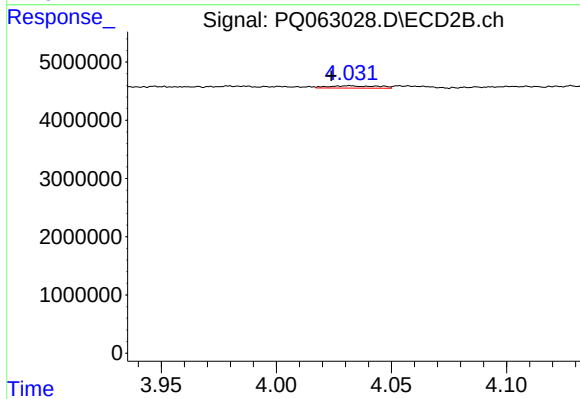
#21 AR-1248-1

R.T.: 3.789 min
Delta R.T.: -0.008 min
Response: 303226
Conc: 2.71 ng/ml



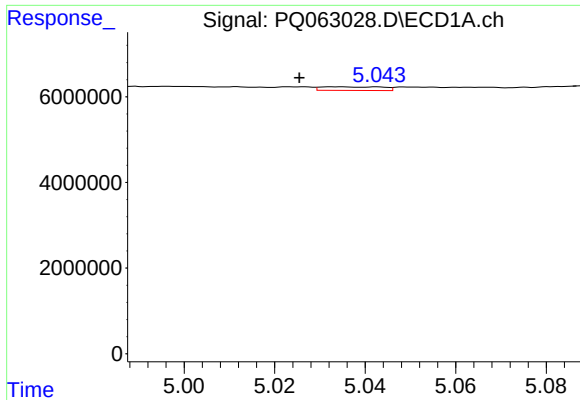
#22 AR-1248-2

R.T.: 4.837 min
Delta R.T.: 0.004 min
Response: 242422
Conc: 1.39 ng/ml



#22 AR-1248-2

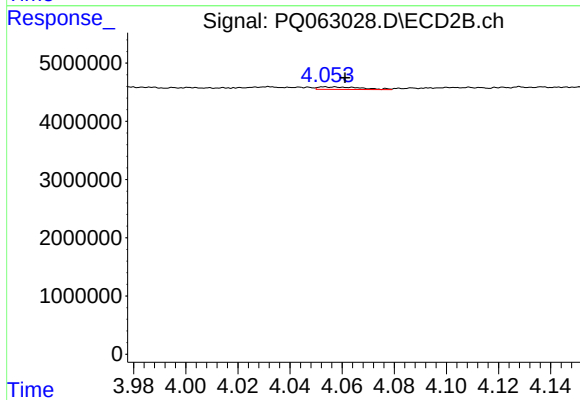
R.T.: 4.032 min
Delta R.T.: 0.008 min
Response: 621956
Conc: 3.94 ng/ml



#23 AR-1248-3

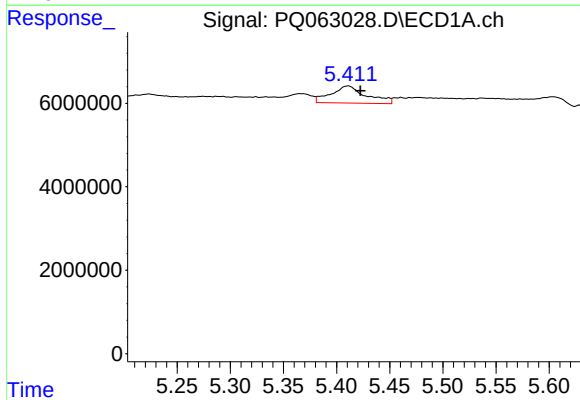
R.T.: 5.034 min
Delta R.T.: 0.008 min
Response: 805751
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



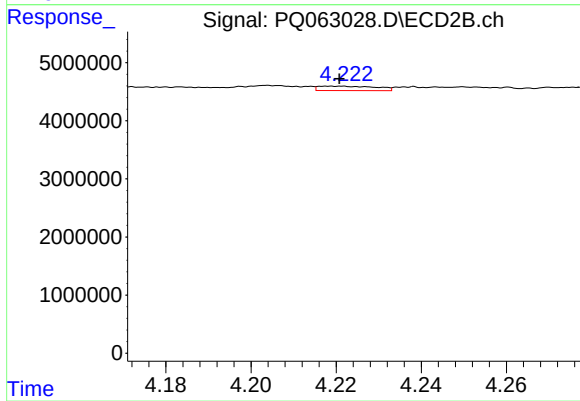
#23 AR-1248-3

R.T.: 4.053 min
Delta R.T.: -0.008 min
Response: 498545
Conc: 3.27 ng/ml



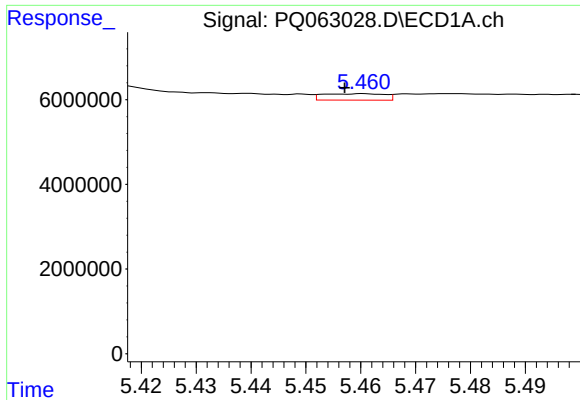
#24 AR-1248-4

R.T.: 5.411 min
Delta R.T.: -0.011 min
Response: 9496586
Conc: 39.86 ng/ml



#24 AR-1248-4

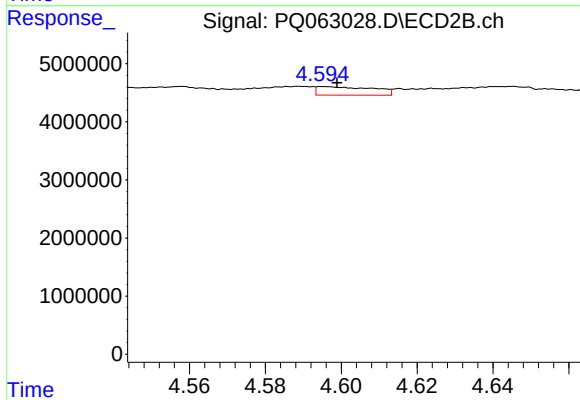
R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 707636
Conc: 3.72 ng/ml



#25 AR-1248-5

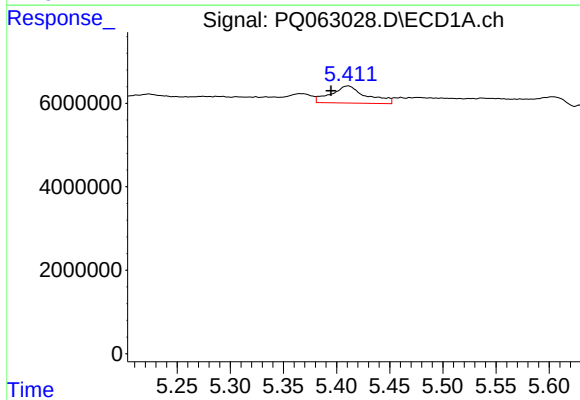
R.T.: 5.461 min
Delta R.T.: 0.003 min
Response: 1188342
Conc: 5.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



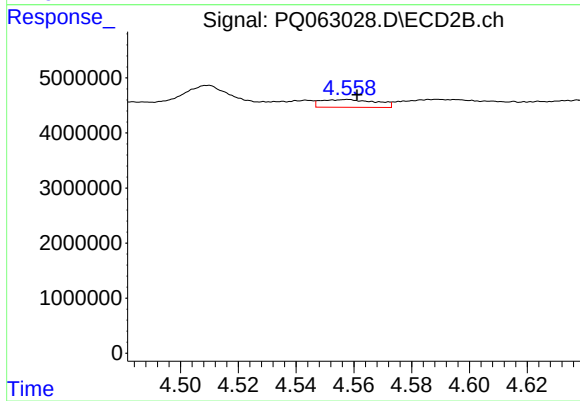
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 1509202
Conc: 7.80 ng/ml



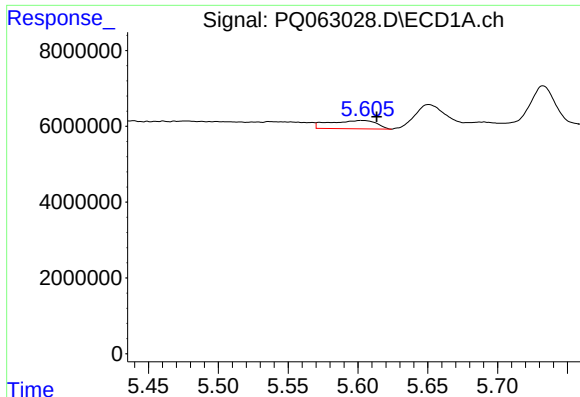
#26 AR-1254-1

R.T.: 5.411 min
Delta R.T.: 0.016 min
Response: 9496586
Conc: 43.36 ng/ml



#26 AR-1254-1

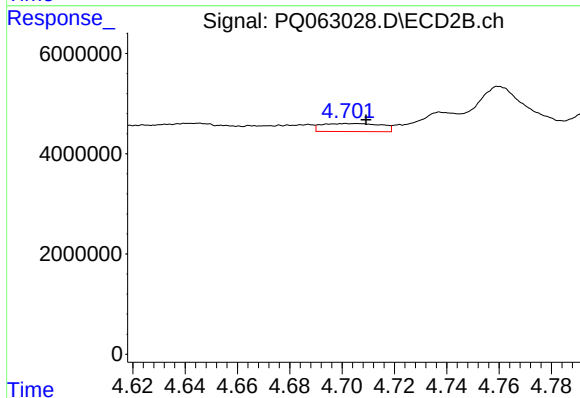
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 1862096
Conc: 6.94 ng/ml



#27 AR-1254-2

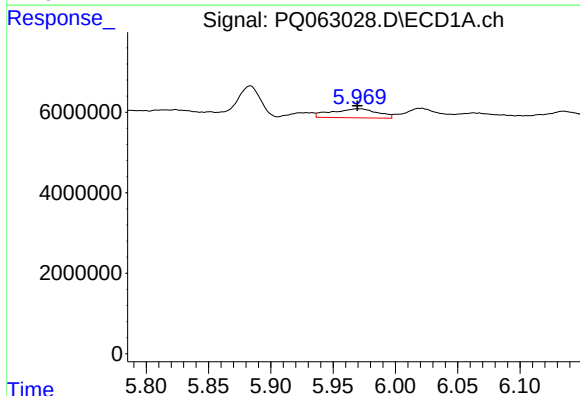
R.T.: 5.603 min
Delta R.T.: -0.010 min
Response: 5157567
Conc: 15.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



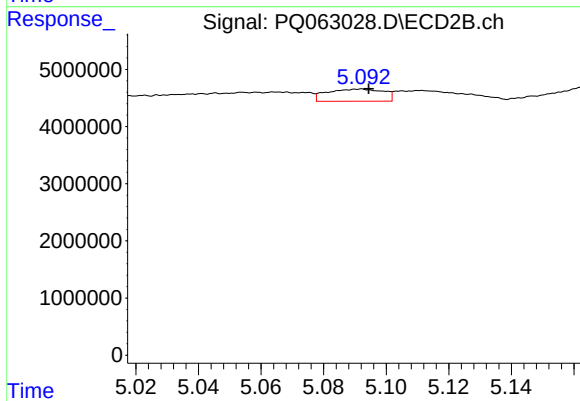
#27 AR-1254-2

R.T.: 4.702 min
Delta R.T.: -0.008 min
Response: 2531598
Conc: 10.79 ng/ml



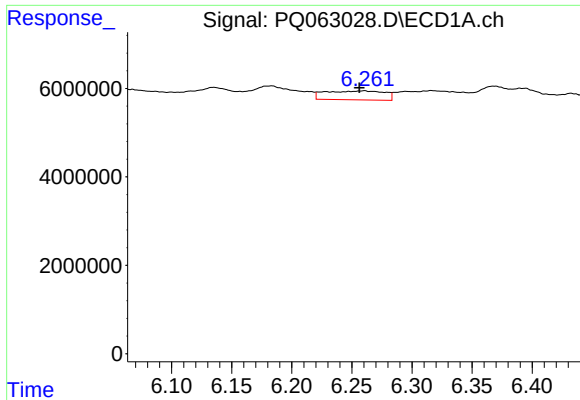
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 5768854
Conc: 16.09 ng/ml



#28 AR-1254-3

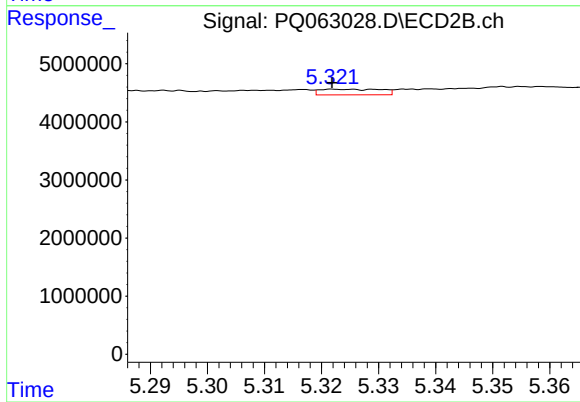
R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 2654576
Conc: 7.02 ng/ml



#29 AR-1254-4

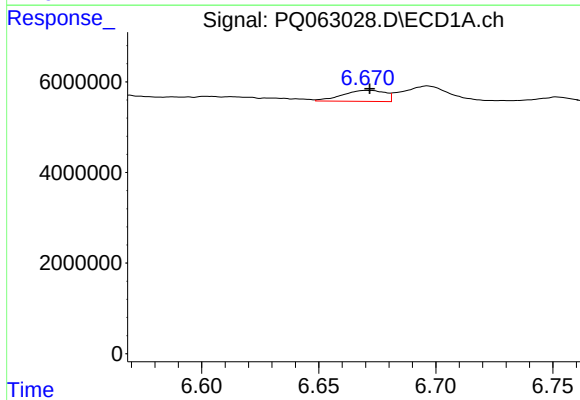
R.T.: 6.260 min
Delta R.T.: 0.004 min
Response: 6925591
Conc: 25.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



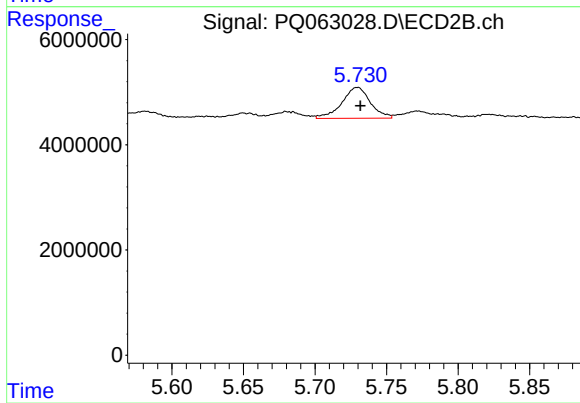
#29 AR-1254-4

R.T.: 5.326 min
Delta R.T.: 0.004 min
Response: 726682
Conc: 2.97 ng/ml



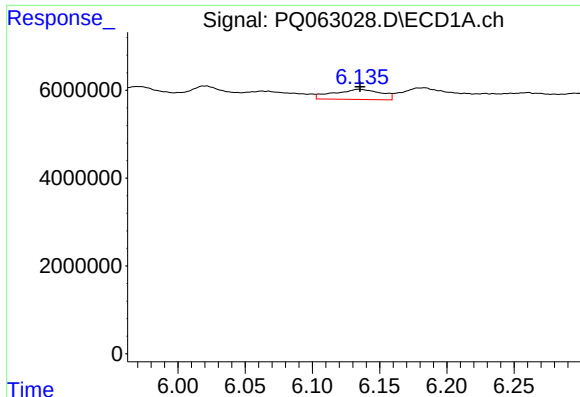
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: -0.001 min
Response: 3097779
Conc: 11.21 ng/ml



#30 AR-1254-5

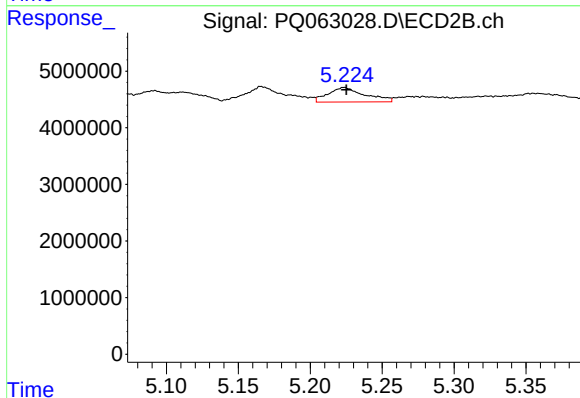
R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 8134515
Conc: 23.57 ng/ml



#31 AR-1260-1

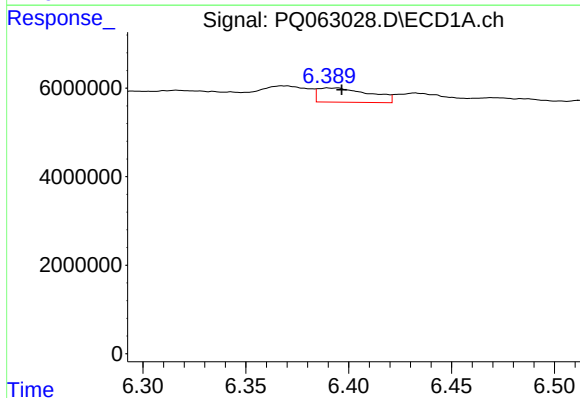
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 5648923
Conc: 22.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



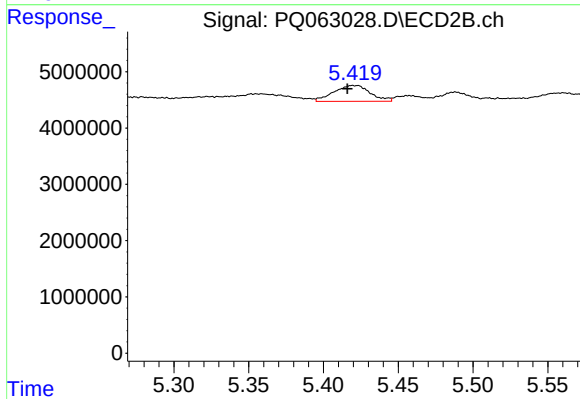
#31 AR-1260-1

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 4563590
Conc: 18.29 ng/ml



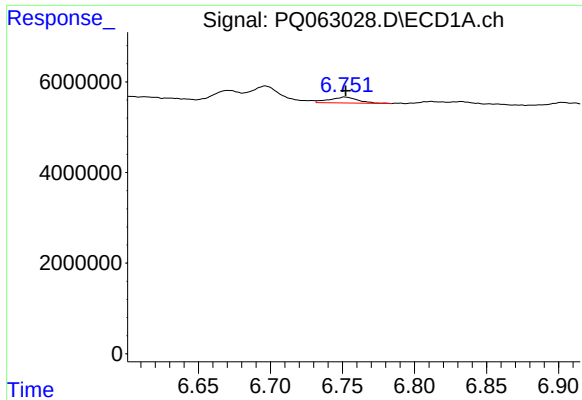
#32 AR-1260-2

R.T.: 6.390 min
Delta R.T.: -0.006 min
Response: 5615914
Conc: 18.50 ng/ml



#32 AR-1260-2

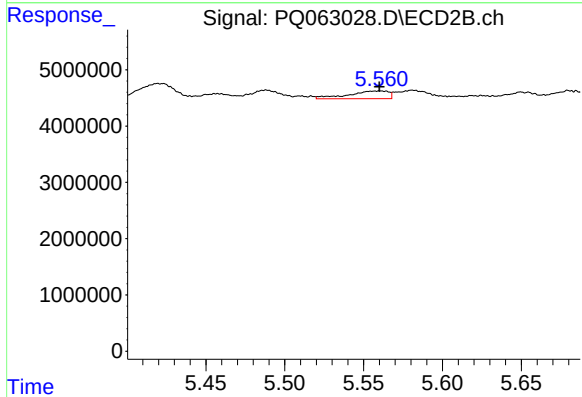
R.T.: 5.419 min
Delta R.T.: 0.003 min
Response: 4790753
Conc: 15.56 ng/ml



#33 AR-1260-3

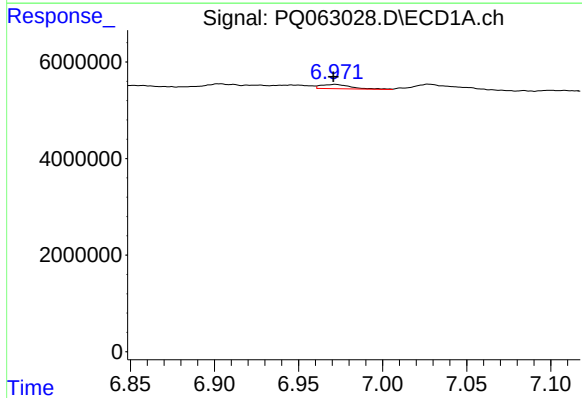
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 1815005
Conc: 8.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



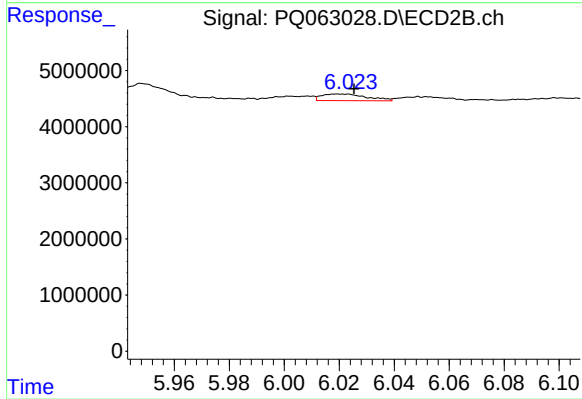
#33 AR-1260-3

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 2430602
Conc: 7.84 ng/ml



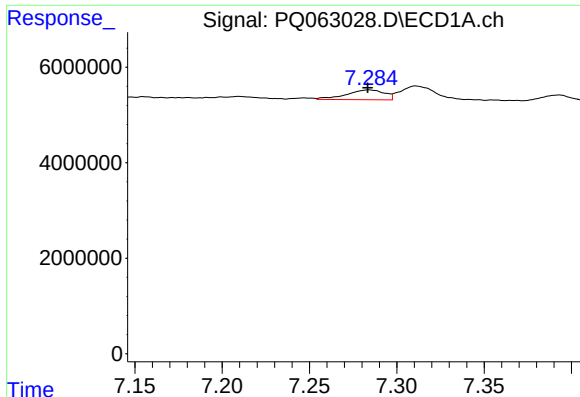
#34 AR-1260-4

R.T.: 6.972 min
Delta R.T.: 0.000 min
Response: 1098560
Conc: 4.58 ng/ml



#34 AR-1260-4

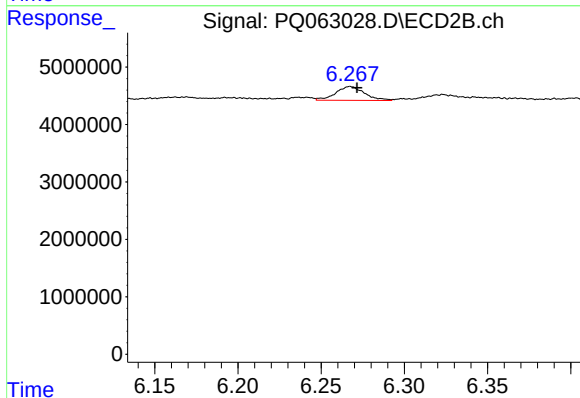
R.T.: 6.020 min
Delta R.T.: -0.006 min
Response: 1371179
Conc: 5.59 ng/ml



#35 AR-1260-5

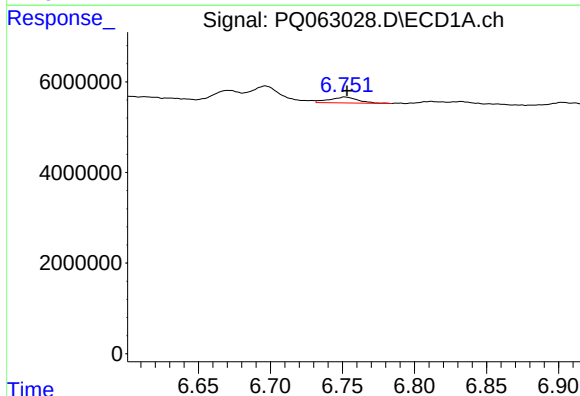
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 3132823
Conc: 6.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



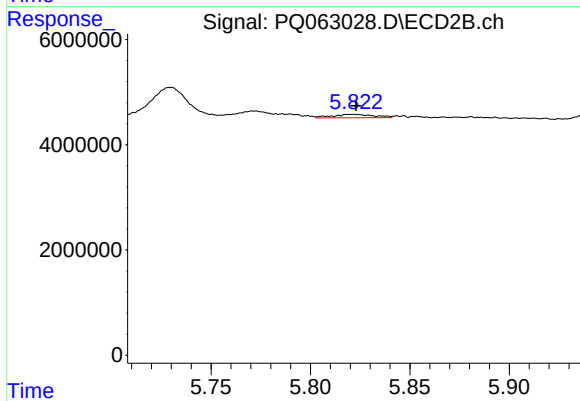
#35 AR-1260-5

R.T.: 6.267 min
Delta R.T.: -0.004 min
Response: 2906678
Conc: 5.32 ng/ml



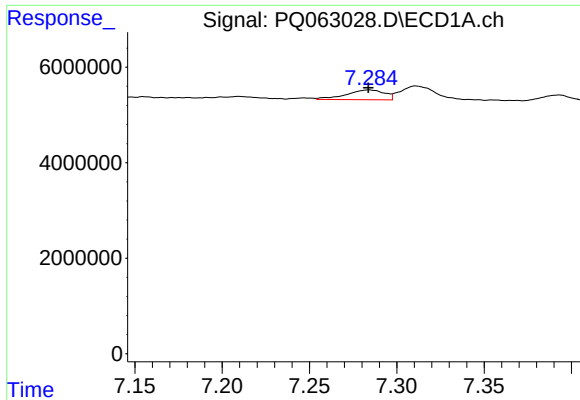
#36 AR-1262-1

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 1815005
Conc: 5.62 ng/ml



#36 AR-1262-1

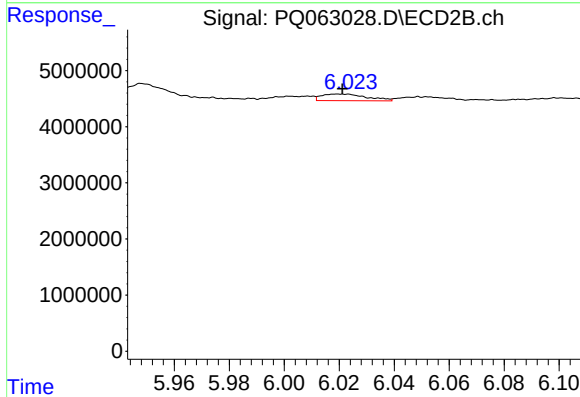
R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 943500
Conc: 6.61 ng/ml



#37 AR-1262-2

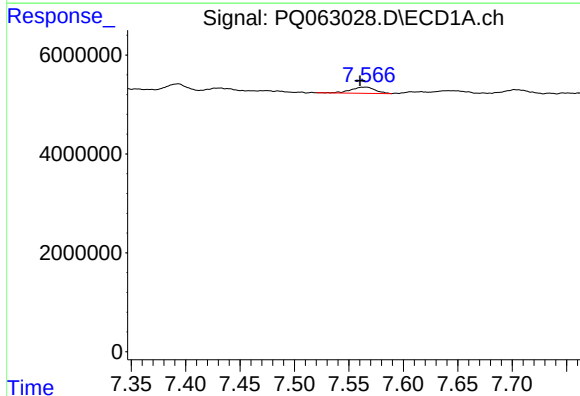
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 3132823
Conc: 5.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



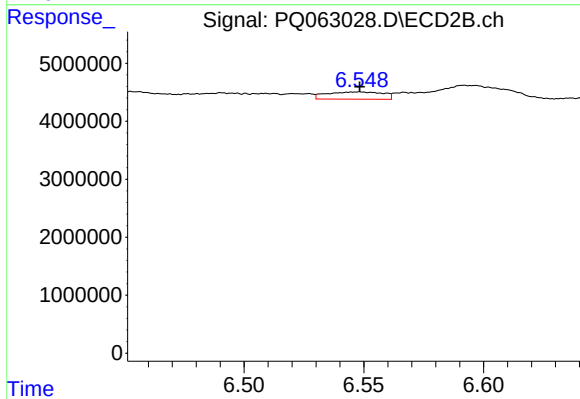
#37 AR-1262-2

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 1371179
Conc: 4.39 ng/ml



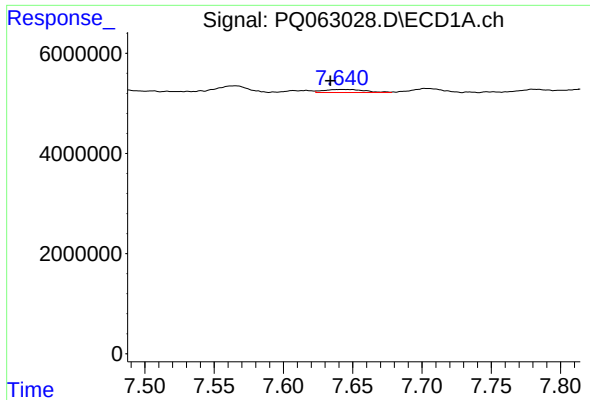
#38 AR-1262-3

R.T.: 7.566 min
Delta R.T.: 0.005 min
Response: 1959304
Conc: 5.42 ng/ml



#38 AR-1262-3

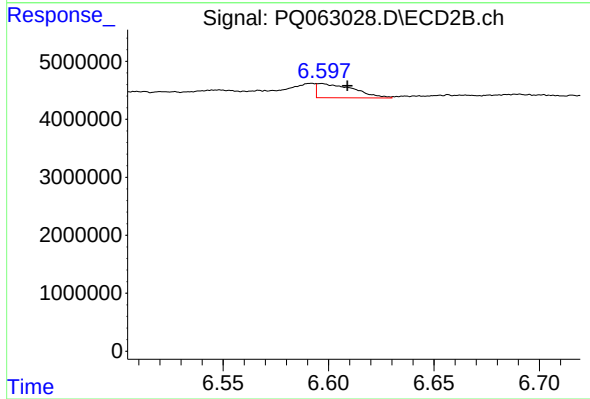
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 2055355
Conc: 8.15 ng/ml



#39 AR-1262-4

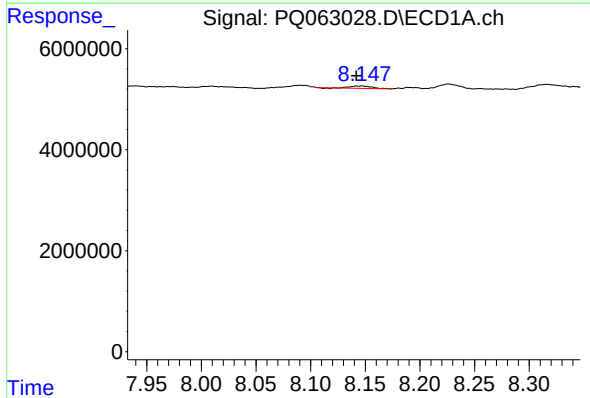
R.T.: 7.642 min
Delta R.T.: 0.008 min
Response: 1278287
Conc: 4.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



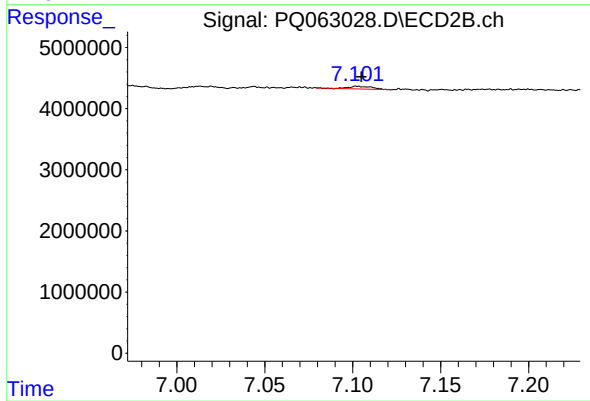
#39 AR-1262-4

R.T.: 6.597 min
Delta R.T.: -0.012 min
Response: 2953469
Conc: 6.32 ng/ml



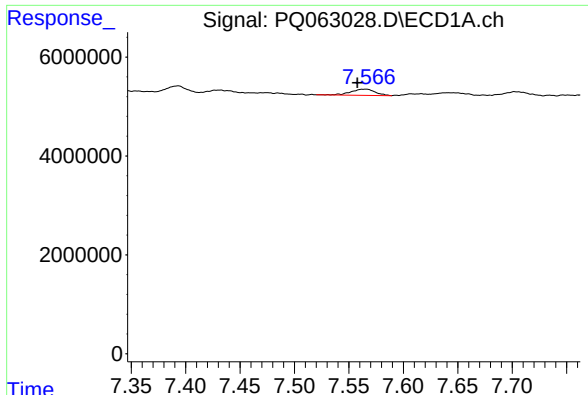
#40 AR-1262-5

R.T.: 8.147 min
Delta R.T.: 0.005 min
Response: 655703
Conc: 3.49 ng/ml



#40 AR-1262-5

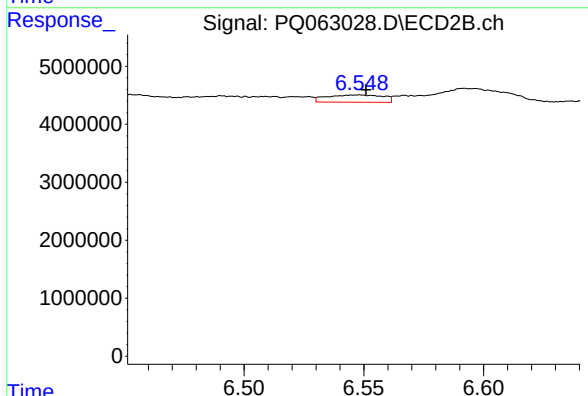
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 398673
Conc: 1.81 ng/ml



#41 AR-1268-1

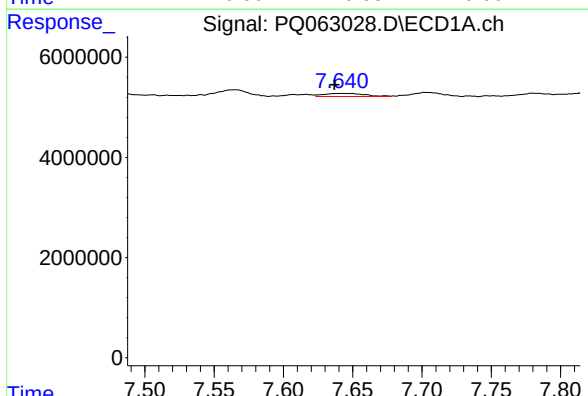
R.T.: 7.566 min
Delta R.T.: 0.008 min
Response: 1959304
Conc: 3.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



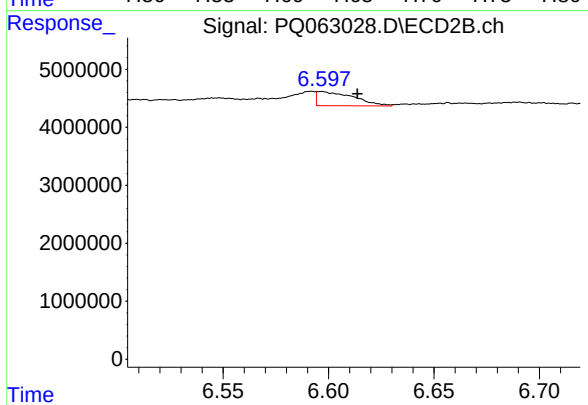
#41 AR-1268-1

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 2055355
Conc: 2.75 ng/ml



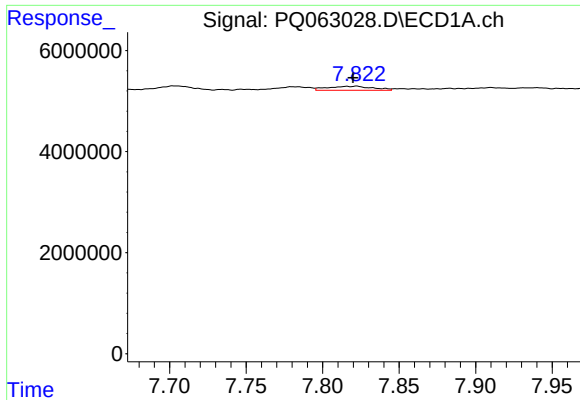
#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: 0.005 min
Response: 1278287
Conc: 2.13 ng/ml



#42 AR-1268-2

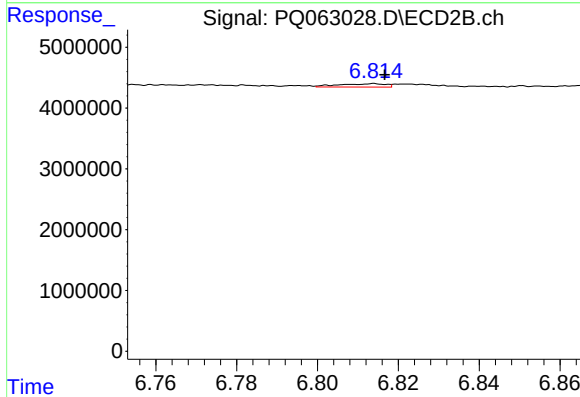
R.T.: 6.597 min
Delta R.T.: -0.017 min
Response: 2953469
Conc: 4.30 ng/ml



#43 AR-1268-3

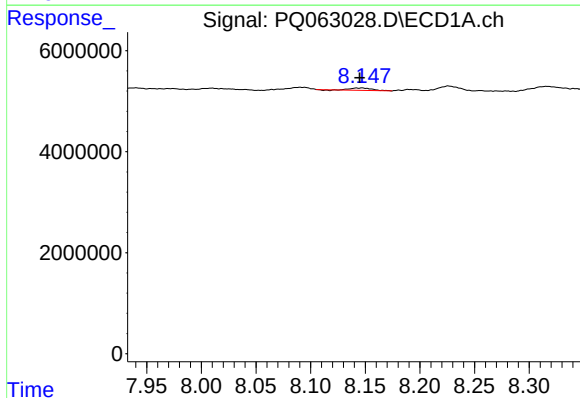
R.T.: 7.822 min
Delta R.T.: 0.002 min
Response: 1609106
Conc: 3.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



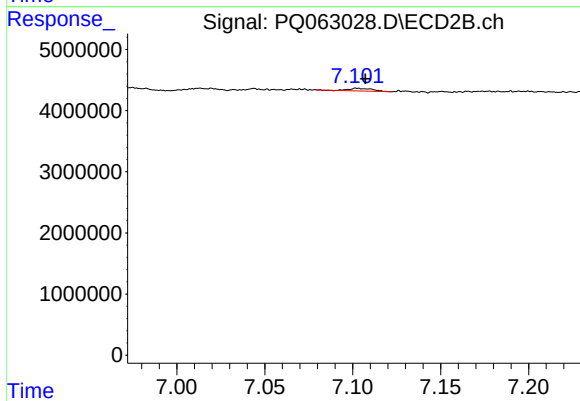
#43 AR-1268-3

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 439071
Conc: 0.75 ng/ml



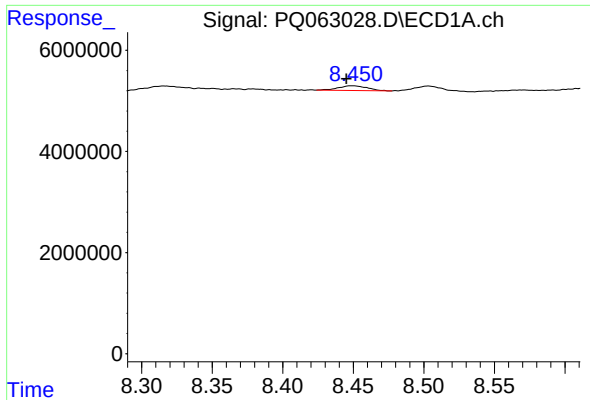
#44 AR-1268-4

R.T.: 8.147 min
Delta R.T.: 0.002 min
Response: 655703
Conc: 3.06 ng/ml



#44 AR-1268-4

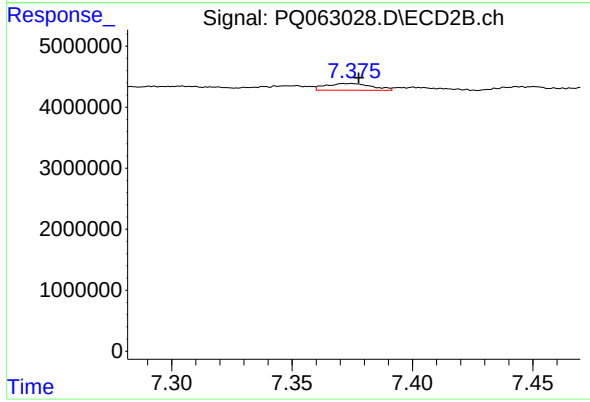
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 398673
Conc: 1.57 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.004 min
Response: 1350540
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 1463441
Conc: 0.83 ng/ml