

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ064055.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2023 00:26
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 01:17:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.459	2.777	79479387	78119003	18.646	21.241
2)	SA Decachlor...	8.692	7.572	57642492	86408924	17.853	18.442
Target Compounds							
3)	L1 AR-1016-1	4.601f	3.797	91644	70390	0.665	0.559
4)	L1 AR-1016-2	4.601	3.797	91644	70390	0.434	0.389
5)	L1 AR-1016-3	4.658	3.962	186022	109580	1.397	1.124
6)	L1 AR-1016-4	4.793f	4.019	208702	143636	1.985	1.703
7)	L1 AR-1016-5	0.000	4.202	0	816281	N.D.	8.162 #
8)	L2 AR-1221-1	3.653	2.985	63066	31118	1.165	0.604 #
9)	L2 AR-1221-2	3.742	3.062	1267464	41846	34.697	1.200 #
10)	L2 AR-1221-3	3.794	3.137	818243	609595	6.890	5.527
11)	L3 AR-1232-1	3.794	3.137	818243	609595	8.748	7.040
12)	L3 AR-1232-2	4.316	3.797	109259	70390	2.080	0.885 #
13)	L3 AR-1232-3	4.601	3.962	91644	109580	1.019	2.647 #
14)	L3 AR-1232-4	4.793f	4.058	208702	282891	4.773	7.790 #
15)	L3 AR-1232-5	4.851	4.202	190439	816281	5.695	19.427 #
16)	L4 AR-1242-1	4.601f	3.797	91644	70390	0.813	0.684
17)	L4 AR-1242-2	4.601	3.797	91644	70390	0.542	0.477
18)	L4 AR-1242-3	4.658	3.962	186022	109580	1.762	1.377
19)	L4 AR-1242-4	4.793f	4.058	208702	282891	2.460	3.728 #
20)	L4 AR-1242-5	5.485	4.554	697544	183949	7.889	1.829 #
21)	L5 AR-1248-1	4.601f	3.797	91644	70390	1.101	0.903
22)	L5 AR-1248-2	4.851	4.019	190439	143636	1.569	1.212
23)	L5 AR-1248-3	0.000	4.058	0	282891	N.D.	2.511 #
24)	L5 AR-1248-4	5.427	4.202	1399413	816281	9.030	5.930 #
25)	L5 AR-1248-5	5.485	4.602	697544	38389	4.562	0.286 #
26)	L6 AR-1254-1	5.403	4.554	728992	183949	4.645	0.946 #
27)	L6 AR-1254-2	5.614	4.694	1637953	233899	6.907	1.343 #
28)	L6 AR-1254-3	5.958	5.094	1254226	2711677	5.059	10.131 #
29)	L6 AR-1254-4	6.275	5.303	1523083	1890898	8.404	10.779 #
30)	L6 AR-1254-5	0.000	5.728	0	518897	N.D.	2.035 #
31)	L7 AR-1260-1	6.142	5.207	239641	710266	1.171	3.591 #
32)	L7 AR-1260-2	6.423	5.383	230865	812780	0.956	3.405 #
33)	L7 AR-1260-3	6.794f	5.563	45340	1503736	0.282	6.657 #
34)	L7 AR-1260-4	6.977	6.042f	55360	180286	0.300	1.048 #
35)	L7 AR-1260-5	0.000	6.253	0	118361	N.D.	0.297 #
36)	L8 AR-1262-1	6.794f	5.820	45340	305926	0.173	2.794 #
37)	L8 AR-1262-2	0.000	6.042f	0	180286	N.D.	0.730 #
38)	L8 AR-1262-3	7.615f	6.531	329917	463408	1.151	2.287 #
39)	L8 AR-1262-4	7.644	0.000	51273	0	0.223	N.D. #
40)	L8 AR-1262-5	8.161	7.106	164496	-22339	1.155	N.D. #
41)	L9 AR-1268-1	7.615f	6.531	329917	463408	0.667	0.808

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 Acq On : 14 Nov 2023 00:26
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

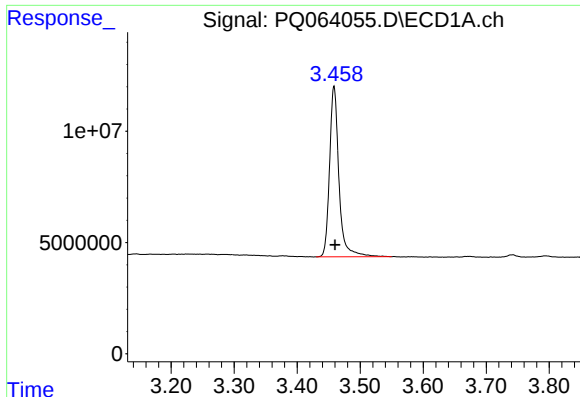
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 01:17:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
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 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	7.644	0.000	51273	0	0.114	N.D. #
43) L9	AR-1268-3	7.829	6.795	1414071	1237510	3.625	2.669 #
44) L9	AR-1268-4	8.161	7.106	164496	-22339	1.052	N.D. #
45) L9	AR-1268-5	8.453	7.355	289738	986208	0.257	0.644 #

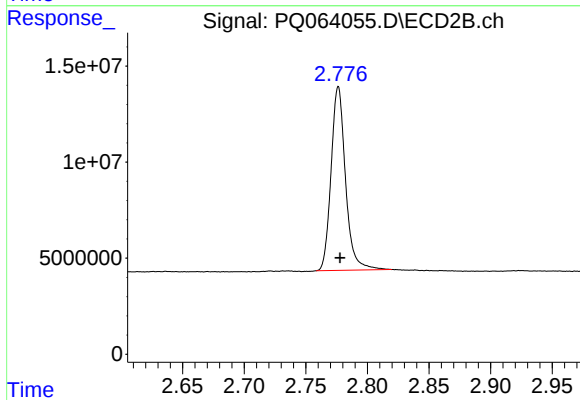
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

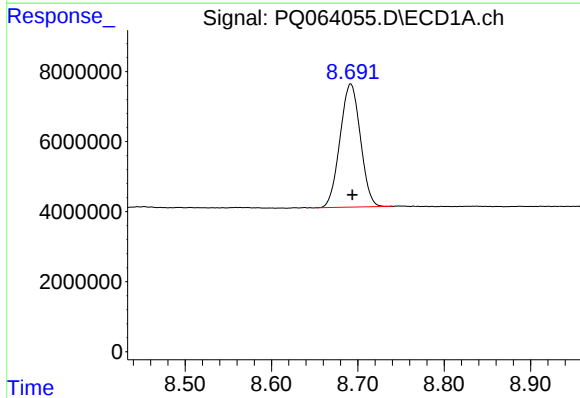
R.T.: 3.459 min
Delta R.T.: -0.001 min
Response: 79479387
Conc: 18.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



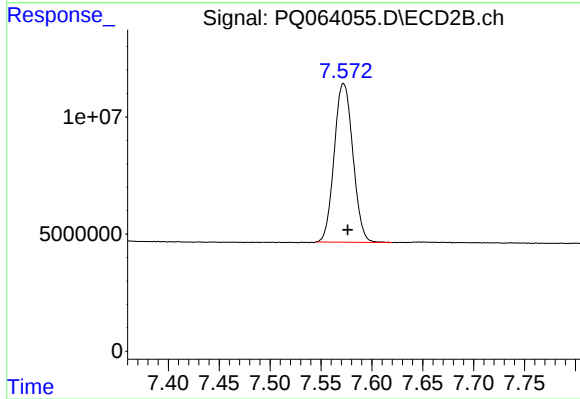
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.001 min
Response: 78119003
Conc: 21.24 ng/ml



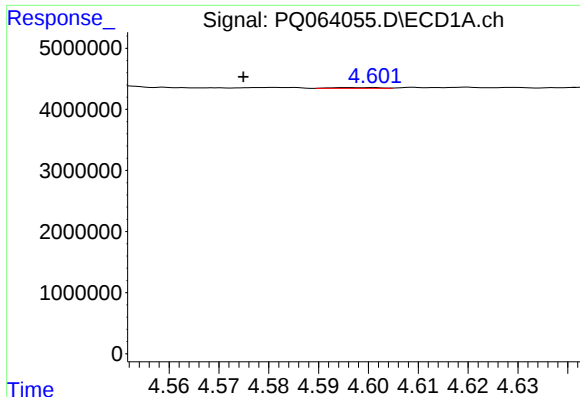
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 57642492
Conc: 17.85 ng/ml



#2 Decachlorobiphenyl

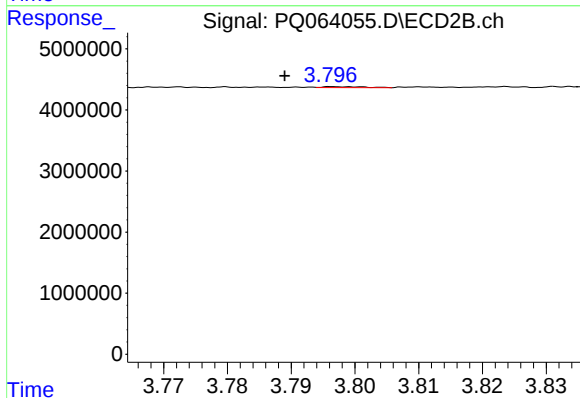
R.T.: 7.572 min
Delta R.T.: -0.004 min
Response: 86408924
Conc: 18.44 ng/ml



#3 AR-1016-1

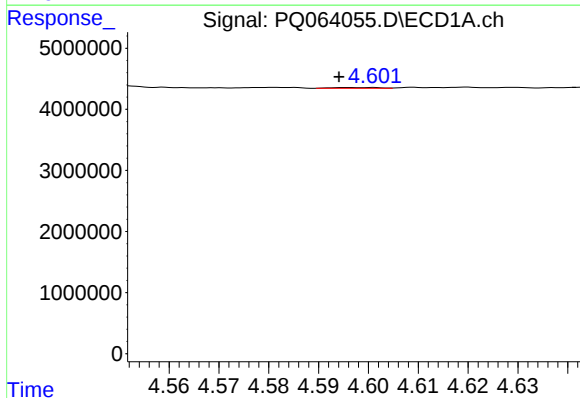
R.T.: 4.601 min
Delta R.T.: 0.026 min
Response: 91644
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



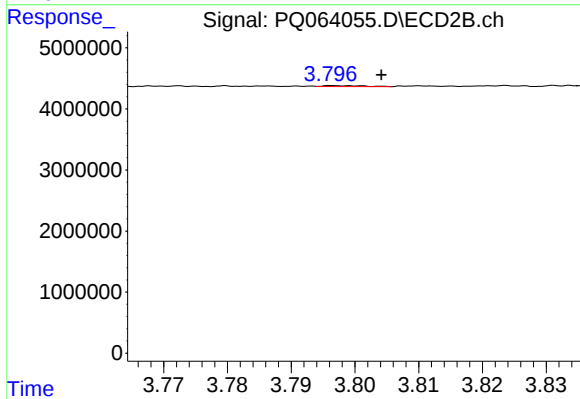
#3 AR-1016-1

R.T.: 3.797 min
Delta R.T.: 0.008 min
Response: 70390
Conc: 0.56 ng/ml



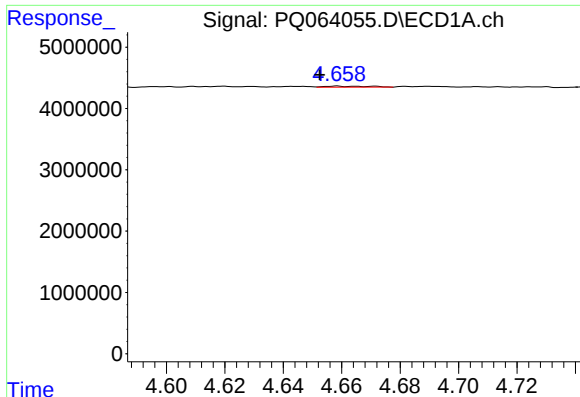
#4 AR-1016-2

R.T.: 4.601 min
Delta R.T.: 0.007 min
Response: 91644
Conc: 0.43 ng/ml



#4 AR-1016-2

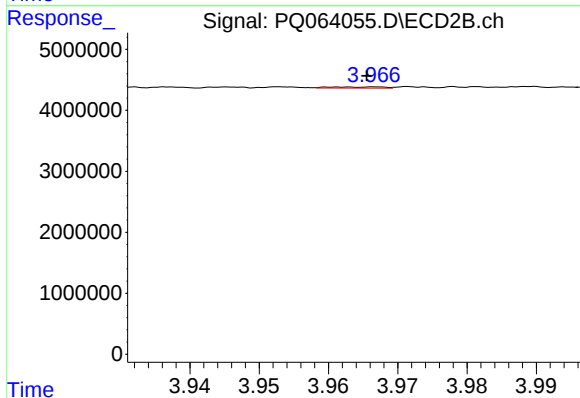
R.T.: 3.797 min
Delta R.T.: -0.007 min
Response: 70390
Conc: 0.39 ng/ml



#5 AR-1016-3

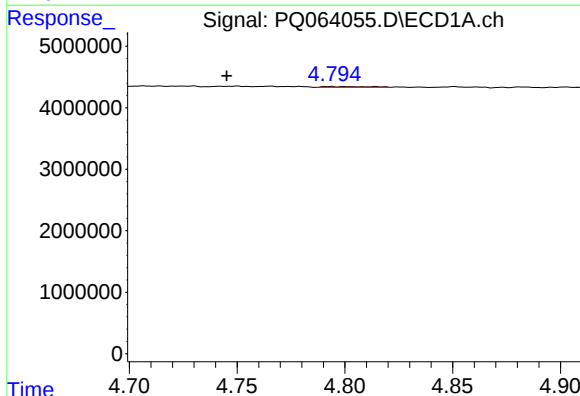
R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 186022
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



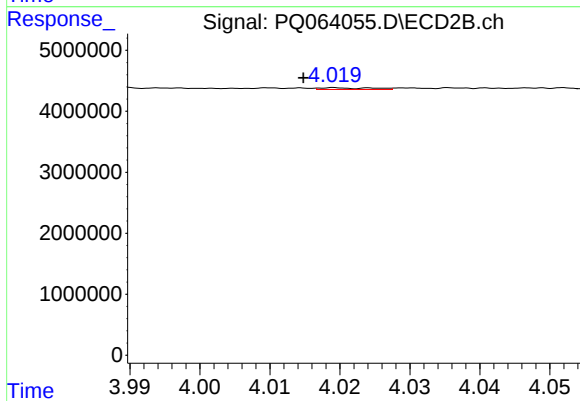
#5 AR-1016-3

R.T.: 3.962 min
Delta R.T.: -0.004 min
Response: 109580
Conc: 1.12 ng/ml



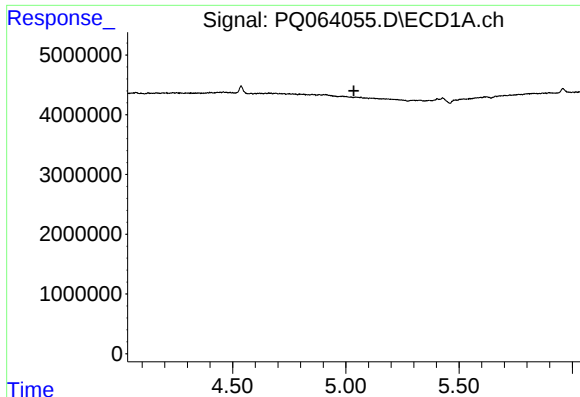
#6 AR-1016-4

R.T.: 4.793 min
Delta R.T.: 0.048 min
Response: 208702
Conc: 1.99 ng/ml



#6 AR-1016-4

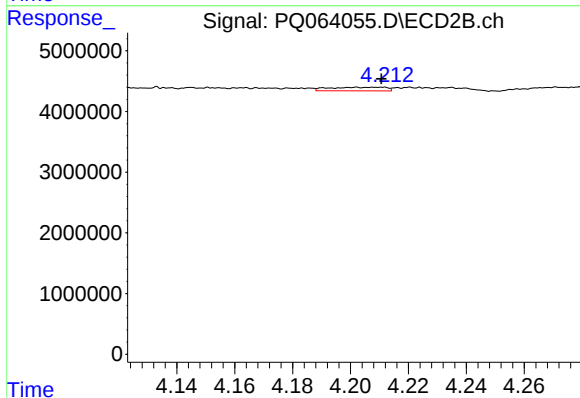
R.T.: 4.019 min
Delta R.T.: 0.005 min
Response: 143636
Conc: 1.70 ng/ml



#7 AR-1016-5

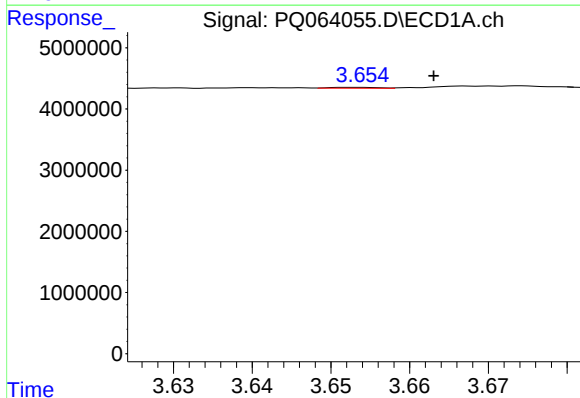
R.T.: 0.000 min
Exp R.T.: 5.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



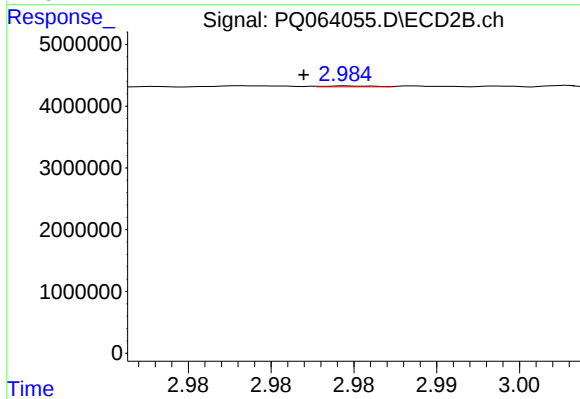
#7 AR-1016-5

R.T.: 4.202 min
Delta R.T.: -0.008 min
Response: 816281
Conc: 8.16 ng/ml



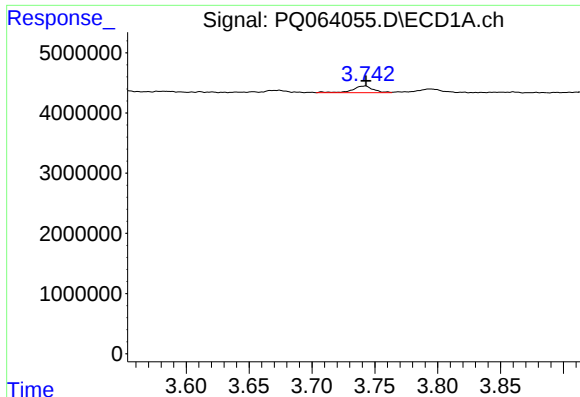
#8 AR-1221-1

R.T.: 3.653 min
Delta R.T.: -0.010 min
Response: 63066
Conc: 1.17 ng/ml



#8 AR-1221-1

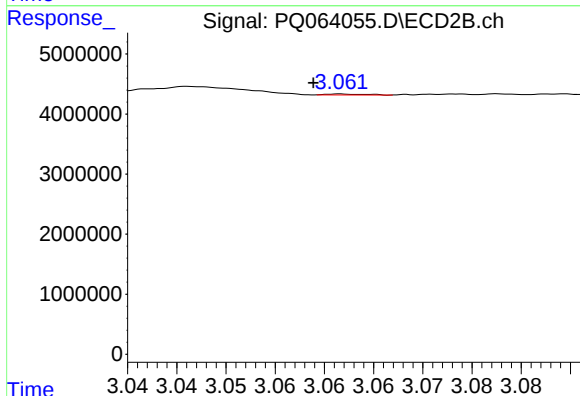
R.T.: 2.985 min
Delta R.T.: 0.003 min
Response: 31118
Conc: 0.60 ng/ml



#9 AR-1221-2

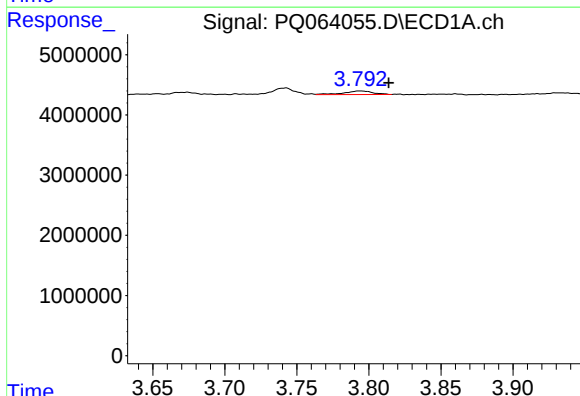
R.T.: 3.742 min
Delta R.T.: -0.001 min
Response: 1267464
Conc: 34.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



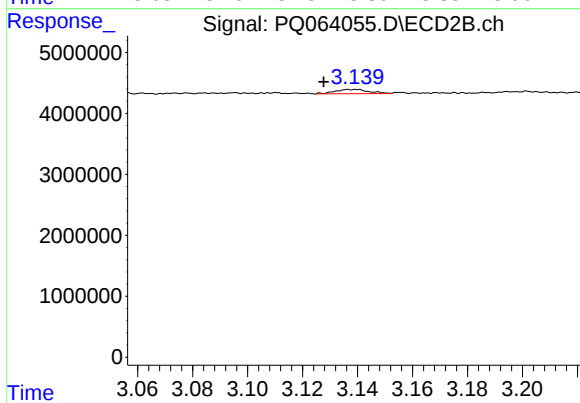
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: 0.003 min
Response: 41846
Conc: 1.20 ng/ml



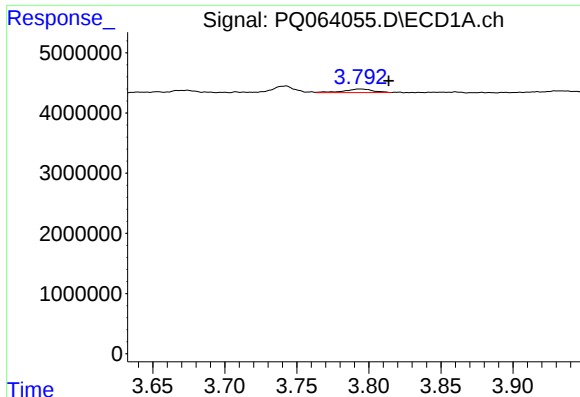
#10 AR-1221-3

R.T.: 3.794 min
Delta R.T.: -0.020 min
Response: 818243
Conc: 6.89 ng/ml



#10 AR-1221-3

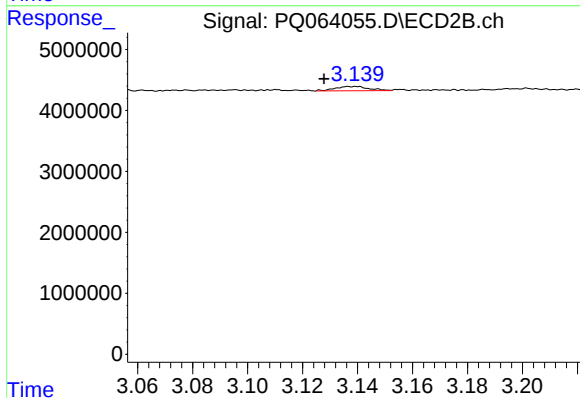
R.T.: 3.137 min
Delta R.T.: 0.009 min
Response: 609595
Conc: 5.53 ng/ml



#11 AR-1232-1

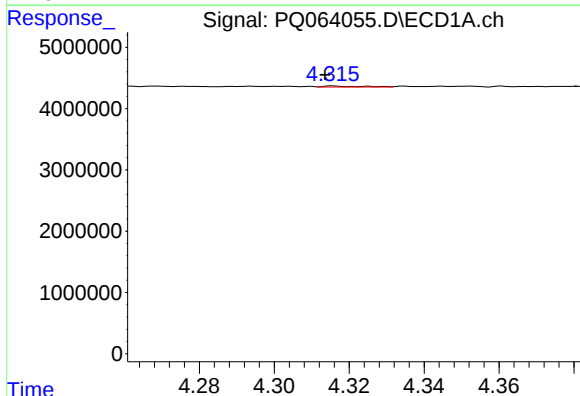
R.T.: 3.794 min
Delta R.T.: -0.020 min
Response: 818243
Conc: 8.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



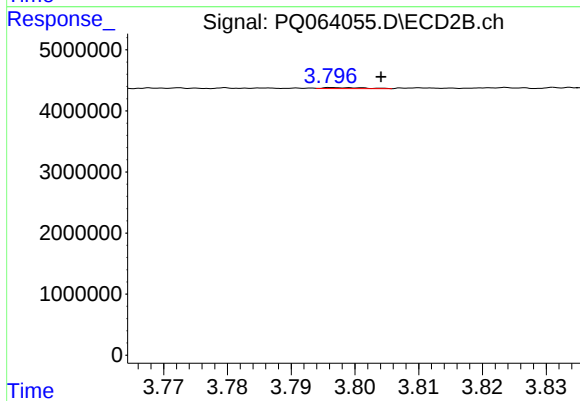
#11 AR-1232-1

R.T.: 3.137 min
Delta R.T.: 0.009 min
Response: 609595
Conc: 7.04 ng/ml



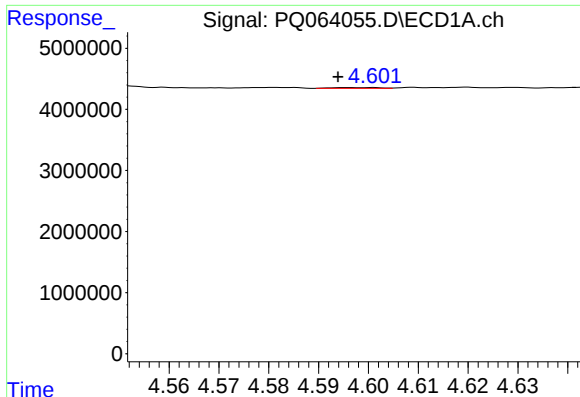
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.002 min
Response: 109259
Conc: 2.08 ng/ml



#12 AR-1232-2

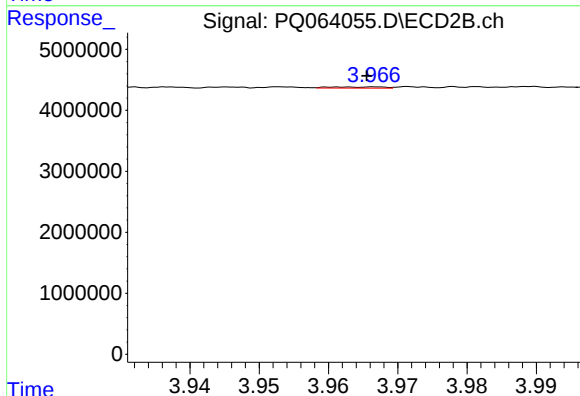
R.T.: 3.797 min
Delta R.T.: -0.007 min
Response: 70390
Conc: 0.88 ng/ml



#13 AR-1232-3

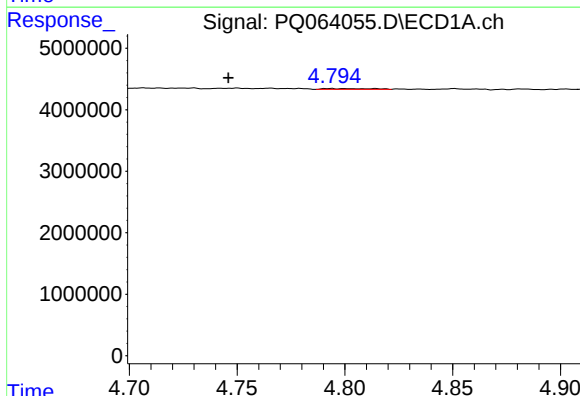
R.T.: 4.601 min
Delta R.T.: 0.007 min
Response: 91644
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



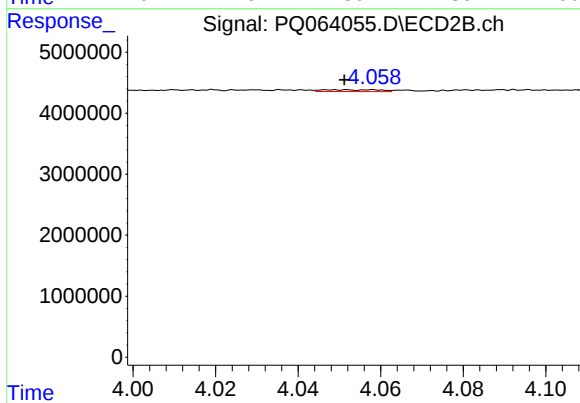
#13 AR-1232-3

R.T.: 3.962 min
Delta R.T.: -0.004 min
Response: 109580
Conc: 2.65 ng/ml



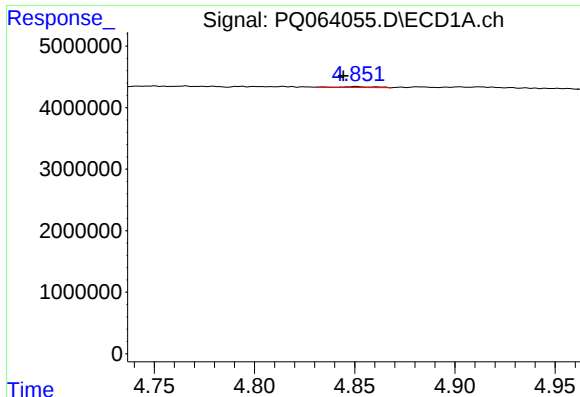
#14 AR-1232-4

R.T.: 4.793 min
Delta R.T.: 0.047 min
Response: 208702
Conc: 4.77 ng/ml



#14 AR-1232-4

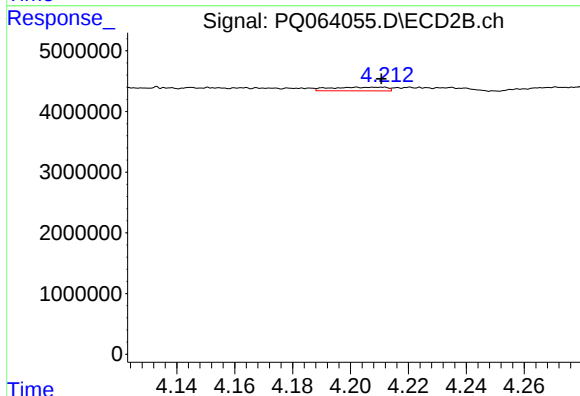
R.T.: 4.058 min
Delta R.T.: 0.007 min
Response: 282891
Conc: 7.79 ng/ml



#15 AR-1232-5

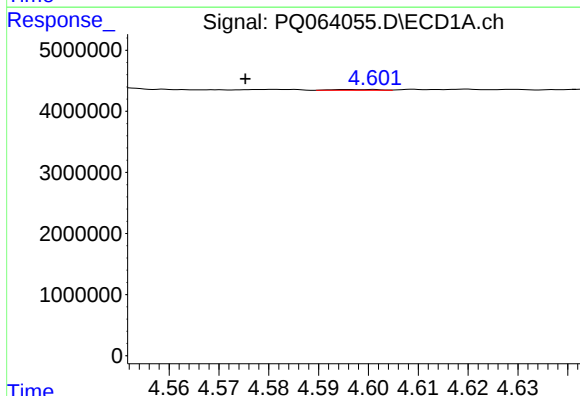
R.T.: 4.851 min
Delta R.T.: 0.006 min
Response: 190439
Conc: 5.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



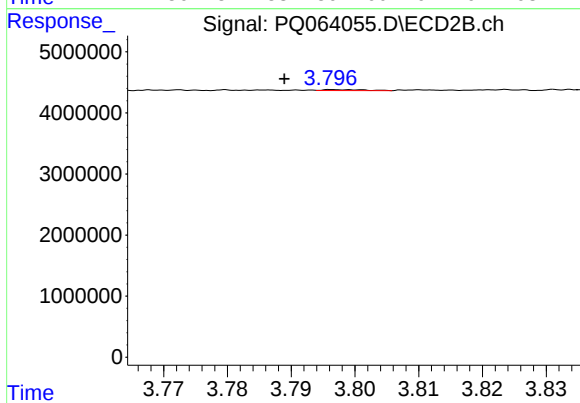
#15 AR-1232-5

R.T.: 4.202 min
Delta R.T.: -0.008 min
Response: 816281
Conc: 19.43 ng/ml



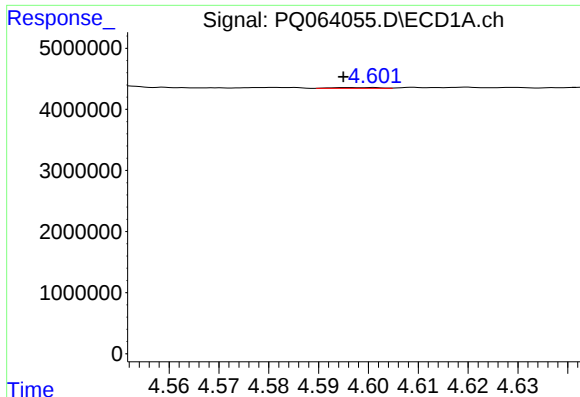
#16 AR-1242-1

R.T.: 4.601 min
Delta R.T.: 0.025 min
Response: 91644
Conc: 0.81 ng/ml



#16 AR-1242-1

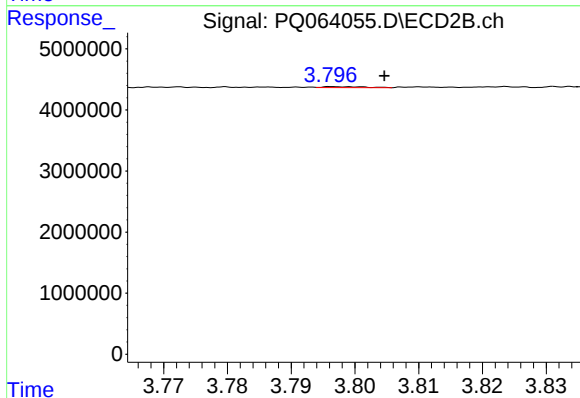
R.T.: 3.797 min
Delta R.T.: 0.008 min
Response: 70390
Conc: 0.68 ng/ml



#17 AR-1242-2

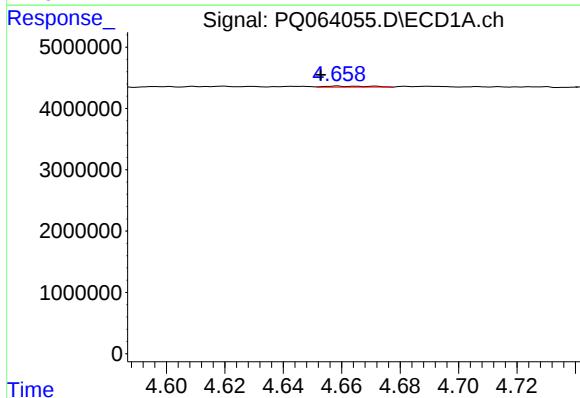
R.T.: 4.601 min
Delta R.T.: 0.006 min
Response: 91644
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



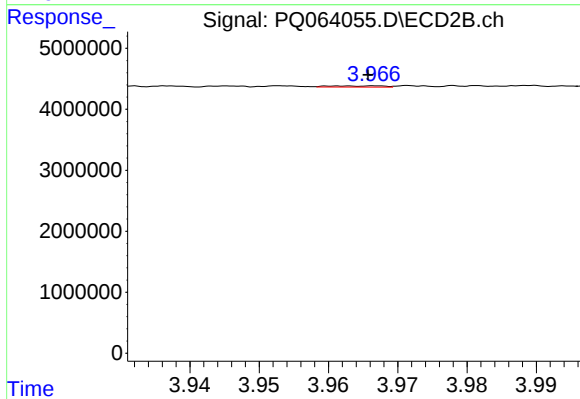
#17 AR-1242-2

R.T.: 3.797 min
Delta R.T.: -0.008 min
Response: 70390
Conc: 0.48 ng/ml



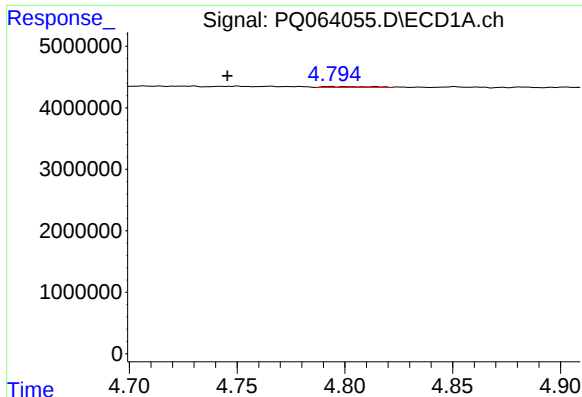
#18 AR-1242-3

R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 186022
Conc: 1.76 ng/ml



#18 AR-1242-3

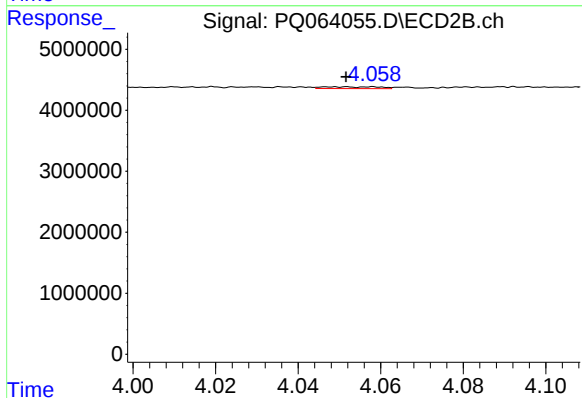
R.T.: 3.962 min
Delta R.T.: -0.004 min
Response: 109580
Conc: 1.38 ng/ml



#19 AR-1242-4

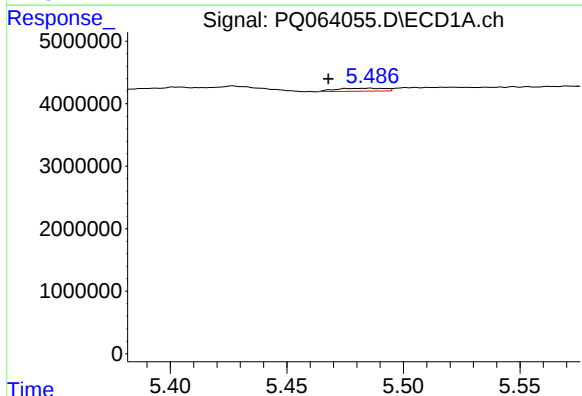
R.T.: 4.793 min
Delta R.T.: 0.048 min
Response: 208702
Conc: 2.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



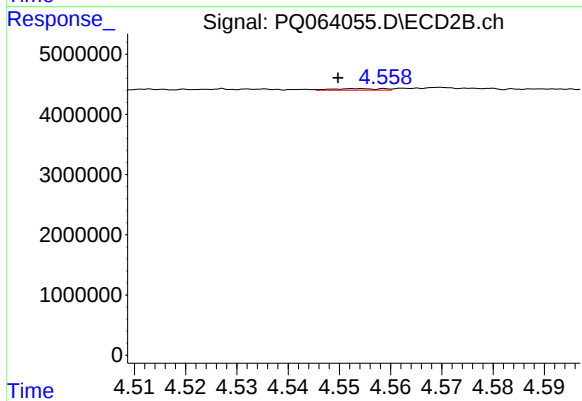
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: 0.007 min
Response: 282891
Conc: 3.73 ng/ml



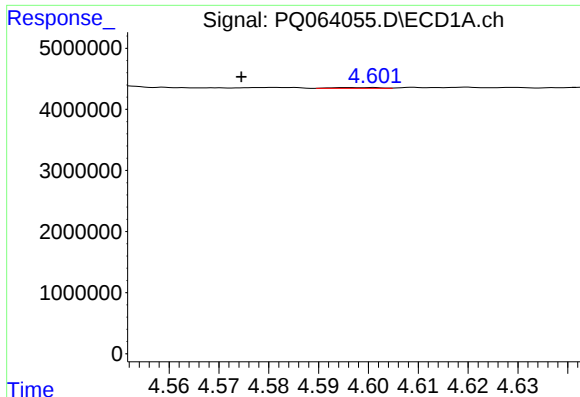
#20 AR-1242-5

R.T.: 5.485 min
Delta R.T.: 0.017 min
Response: 697544
Conc: 7.89 ng/ml



#20 AR-1242-5

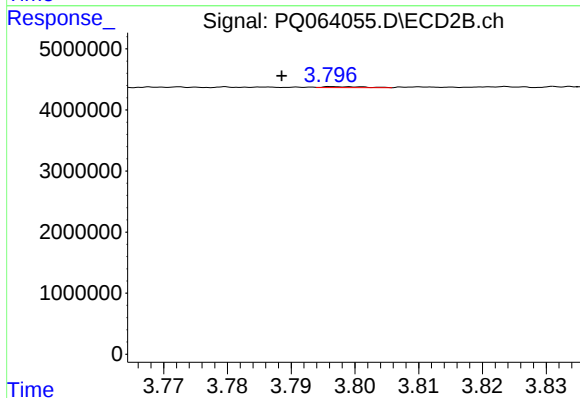
R.T.: 4.554 min
Delta R.T.: 0.004 min
Response: 183949
Conc: 1.83 ng/ml



#21 AR-1248-1

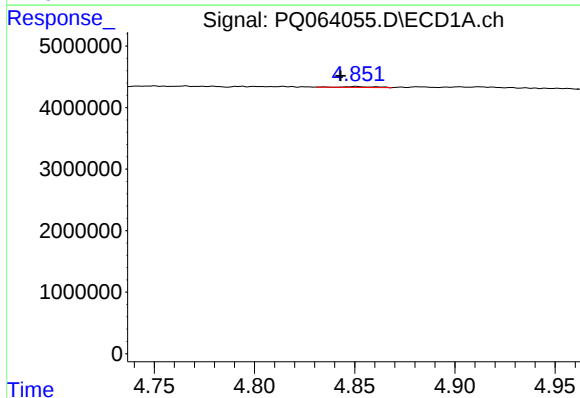
R.T.: 4.601 min
Delta R.T.: 0.026 min
Response: 91644
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



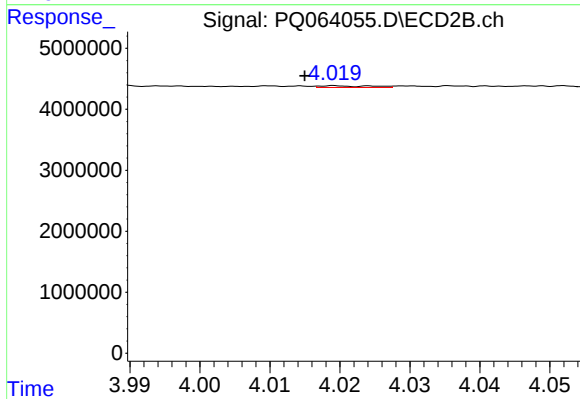
#21 AR-1248-1

R.T.: 3.797 min
Delta R.T.: 0.008 min
Response: 70390
Conc: 0.90 ng/ml



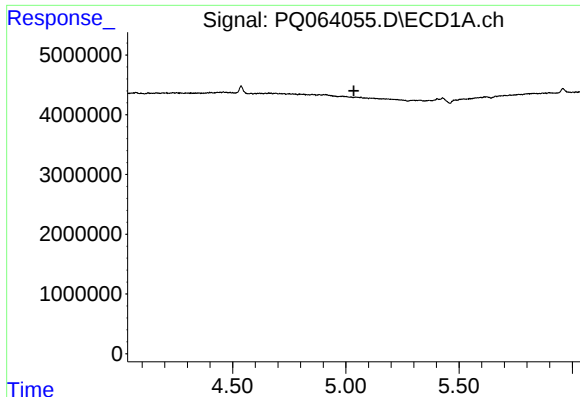
#22 AR-1248-2

R.T.: 4.851 min
Delta R.T.: 0.008 min
Response: 190439
Conc: 1.57 ng/ml



#22 AR-1248-2

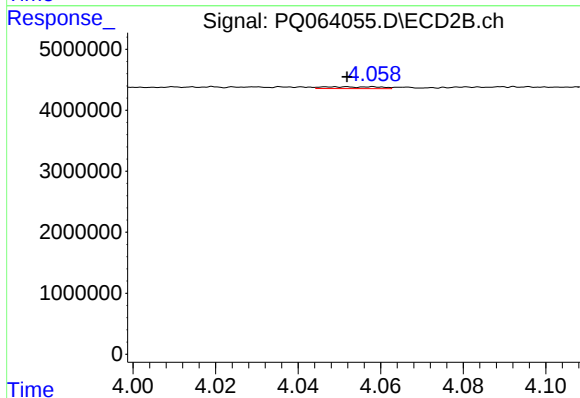
R.T.: 4.019 min
Delta R.T.: 0.004 min
Response: 143636
Conc: 1.21 ng/ml



#23 AR-1248-3

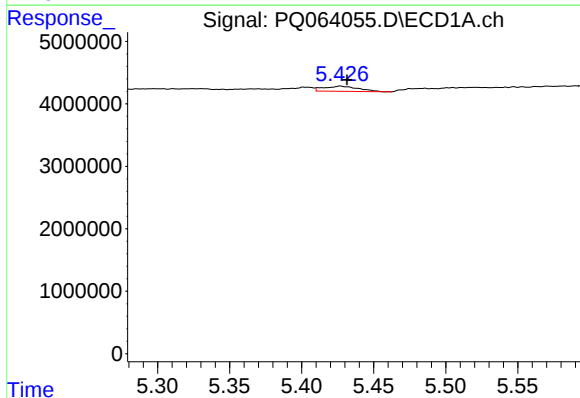
R.T.: 0.000 min
Exp R.T.: 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



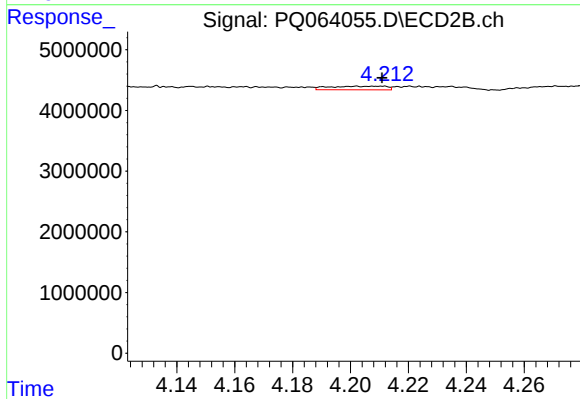
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: 0.006 min
Response: 282891
Conc: 2.51 ng/ml



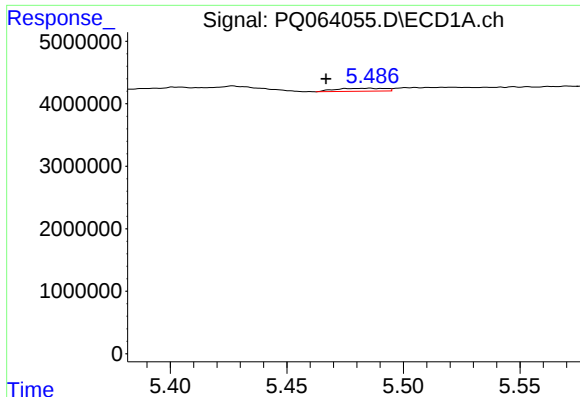
#24 AR-1248-4

R.T.: 5.427 min
Delta R.T.: -0.005 min
Response: 1399413
Conc: 9.03 ng/ml



#24 AR-1248-4

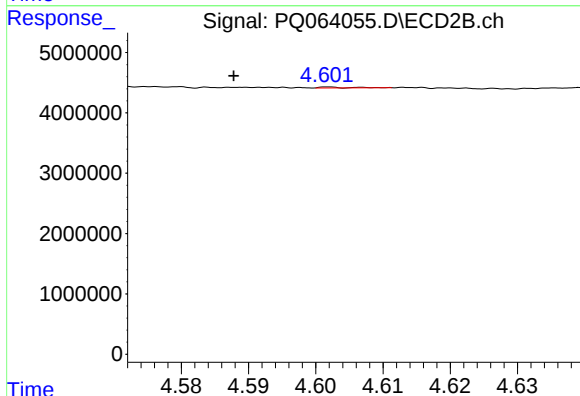
R.T.: 4.202 min
Delta R.T.: -0.009 min
Response: 816281
Conc: 5.93 ng/ml



#25 AR-1248-5

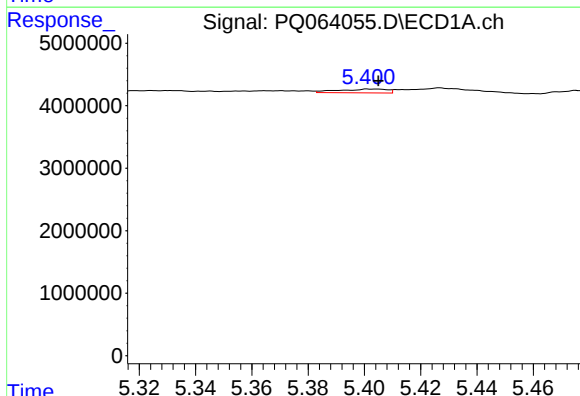
R.T.: 5.485 min
Delta R.T.: 0.018 min
Response: 697544
Conc: 4.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



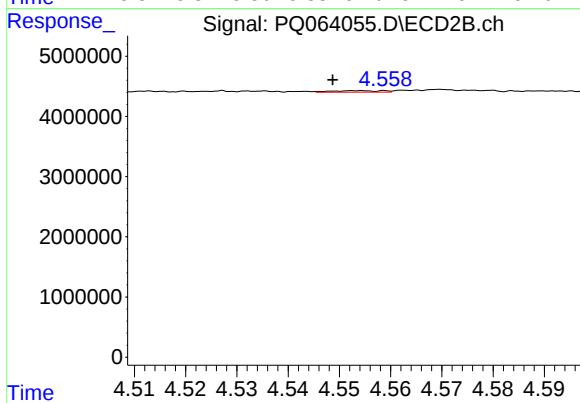
#25 AR-1248-5

R.T.: 4.602 min
Delta R.T.: 0.014 min
Response: 38389
Conc: 0.29 ng/ml



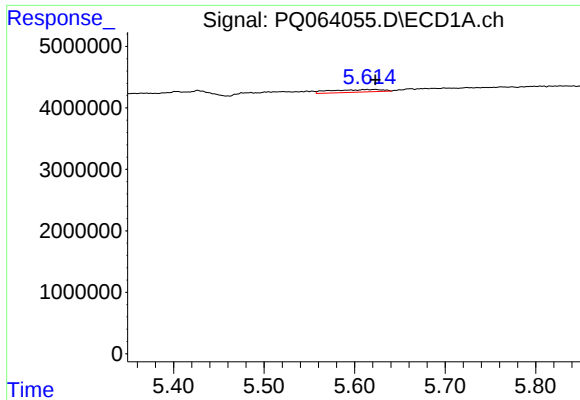
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 728992
Conc: 4.64 ng/ml



#26 AR-1254-1

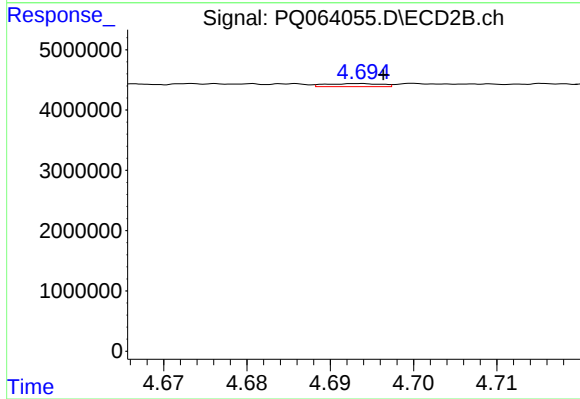
R.T.: 4.554 min
Delta R.T.: 0.005 min
Response: 183949
Conc: 0.95 ng/ml



#27 AR-1254-2

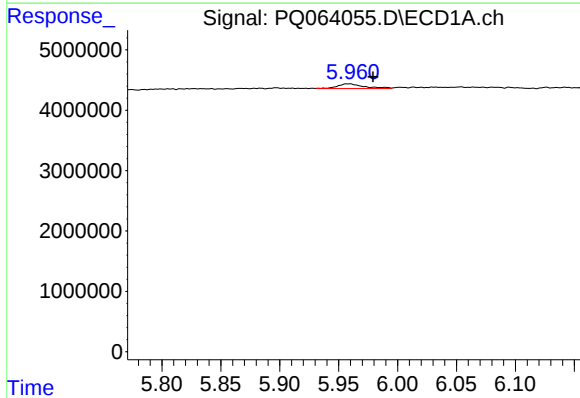
R.T.: 5.614 min
Delta R.T.: -0.009 min
Response: 1637953
Conc: 6.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



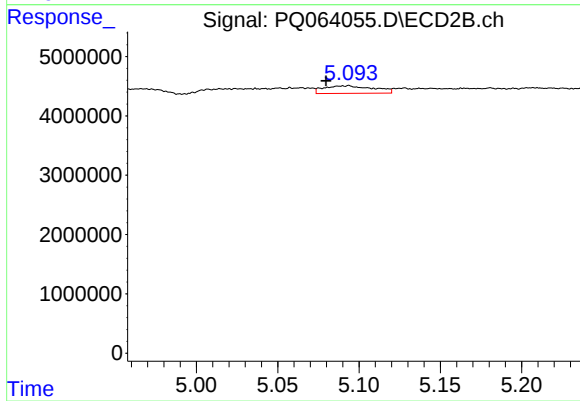
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 233899
Conc: 1.34 ng/ml



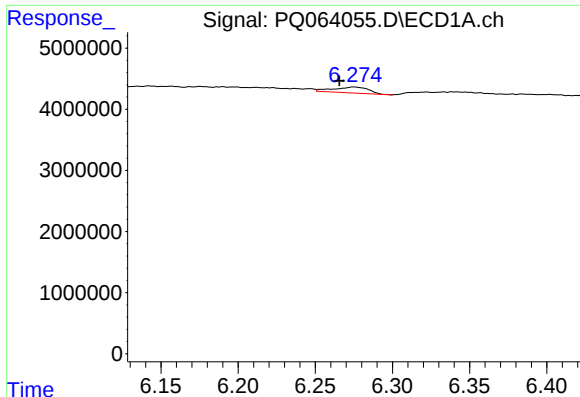
#28 AR-1254-3

R.T.: 5.958 min
Delta R.T.: -0.021 min
Response: 1254226
Conc: 5.06 ng/ml



#28 AR-1254-3

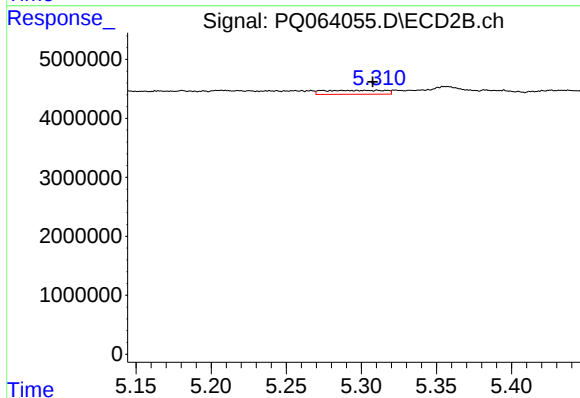
R.T.: 5.094 min
Delta R.T.: 0.014 min
Response: 2711677
Conc: 10.13 ng/ml



#29 AR-1254-4

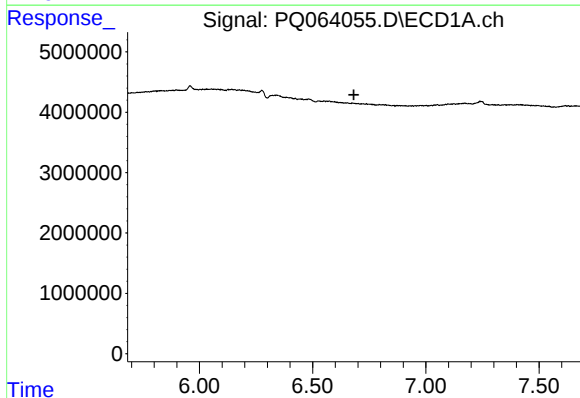
R.T.: 6.275 min
Delta R.T.: 0.010 min
Response: 1523083
Conc: 8.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



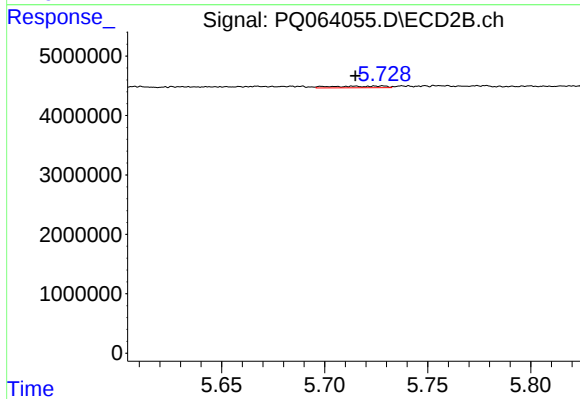
#29 AR-1254-4

R.T.: 5.303 min
Delta R.T.: -0.005 min
Response: 1890898
Conc: 10.78 ng/ml



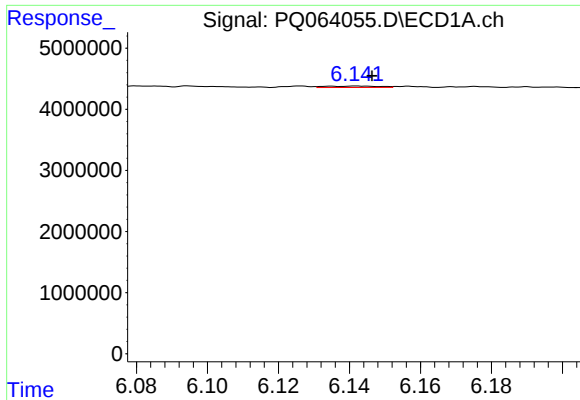
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.682 min
Response: 0
Conc: N.D.



#30 AR-1254-5

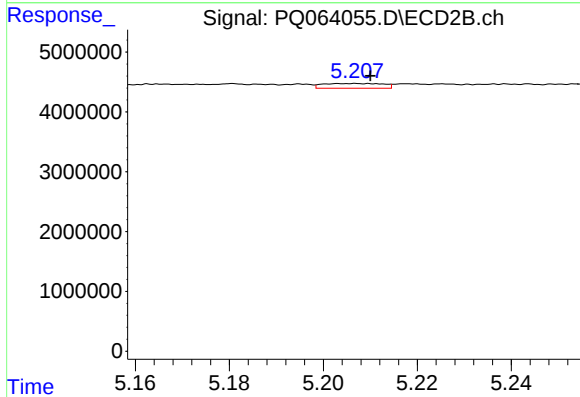
R.T.: 5.728 min
Delta R.T.: 0.013 min
Response: 518897
Conc: 2.04 ng/ml



#31 AR-1260-1

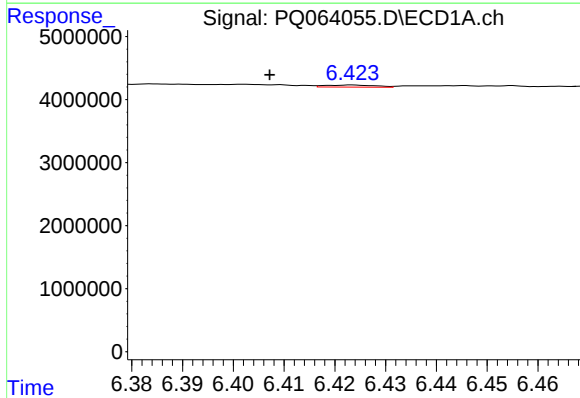
R.T.: 6.142 min
Delta R.T.: -0.004 min
Response: 239641
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



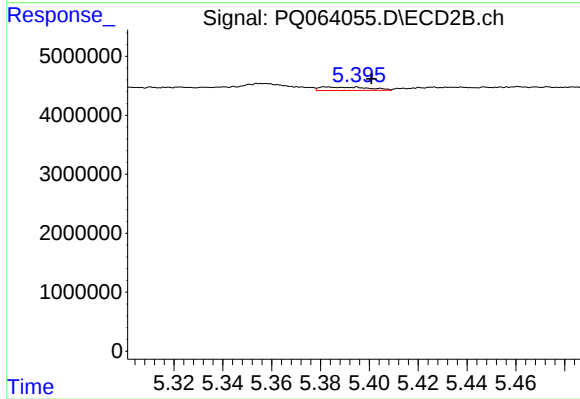
#31 AR-1260-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 710266
Conc: 3.59 ng/ml



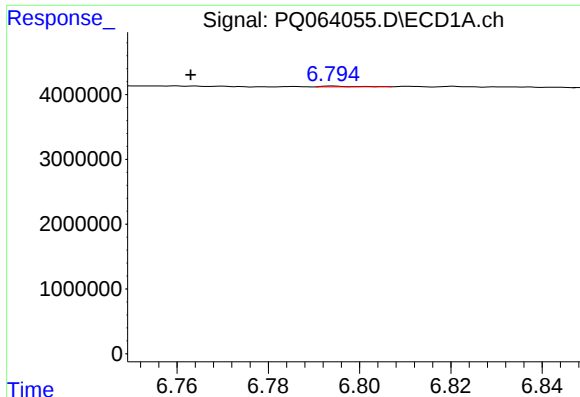
#32 AR-1260-2

R.T.: 6.423 min
Delta R.T.: 0.016 min
Response: 230865
Conc: 0.96 ng/ml



#32 AR-1260-2

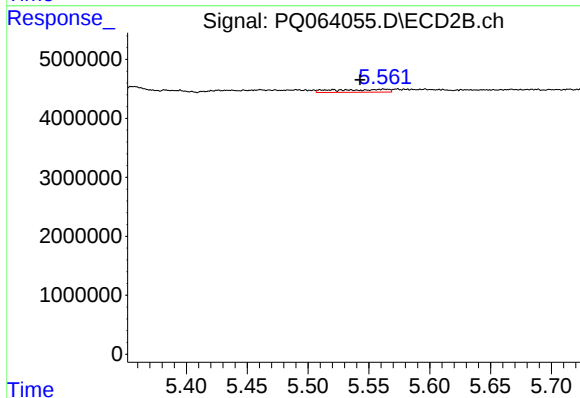
R.T.: 5.383 min
Delta R.T.: -0.018 min
Response: 812780
Conc: 3.40 ng/ml



#33 AR-1260-3

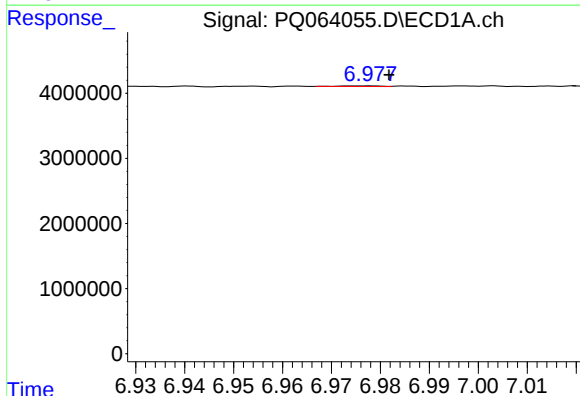
R.T.: 6.794 min
Delta R.T.: 0.031 min
Response: 45340
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



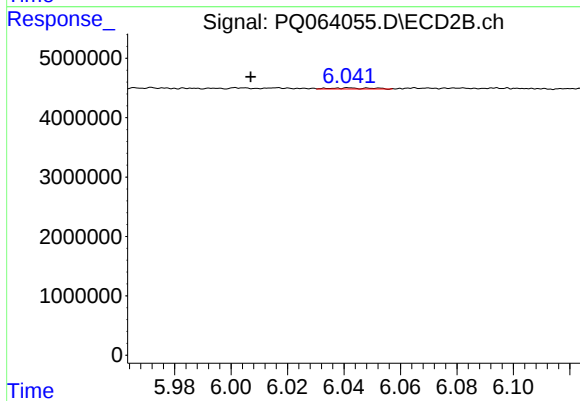
#33 AR-1260-3

R.T.: 5.563 min
Delta R.T.: 0.020 min
Response: 1503736
Conc: 6.66 ng/ml



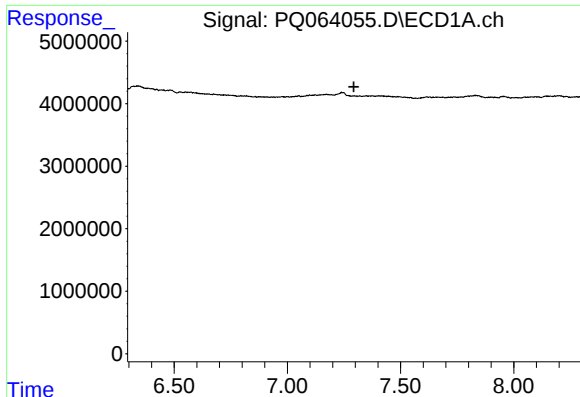
#34 AR-1260-4

R.T.: 6.977 min
Delta R.T.: -0.005 min
Response: 55360
Conc: 0.30 ng/ml



#34 AR-1260-4

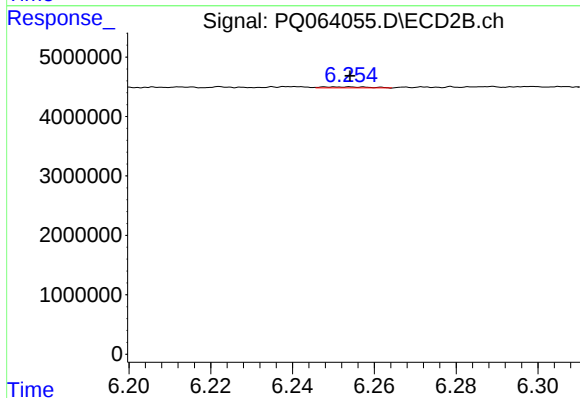
R.T.: 6.042 min
Delta R.T.: 0.035 min
Response: 180286
Conc: 1.05 ng/ml



#35 AR-1260-5

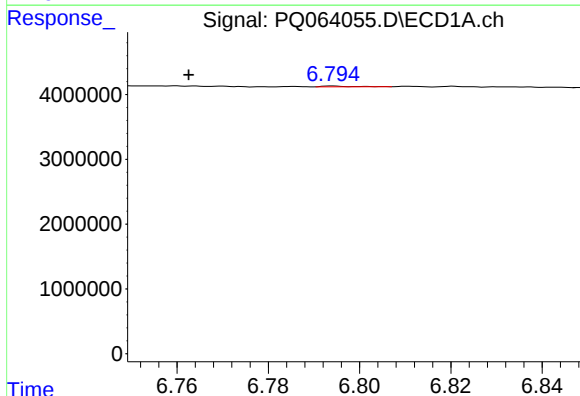
R.T.: 0.000 min
Exp R.T.: 7.293 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



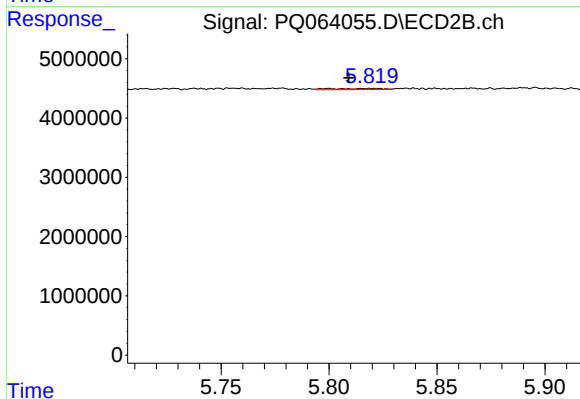
#35 AR-1260-5

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 118361
Conc: 0.30 ng/ml



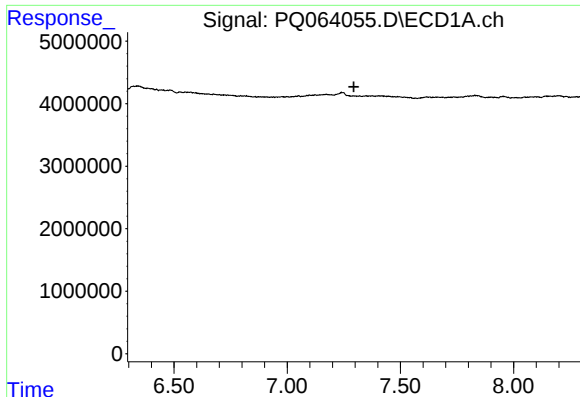
#36 AR-1262-1

R.T.: 6.794 min
Delta R.T.: 0.031 min
Response: 45340
Conc: 0.17 ng/ml



#36 AR-1262-1

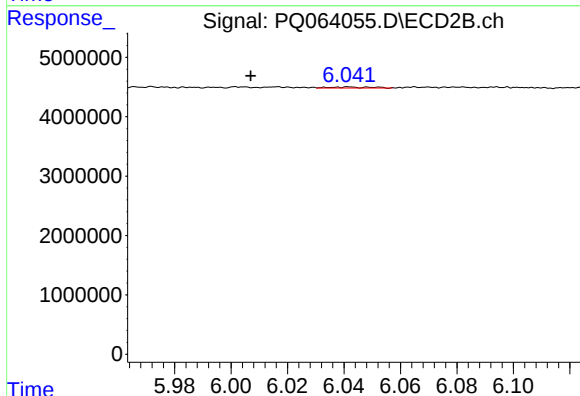
R.T.: 5.820 min
Delta R.T.: 0.011 min
Response: 305926
Conc: 2.79 ng/ml



#37 AR-1262-2

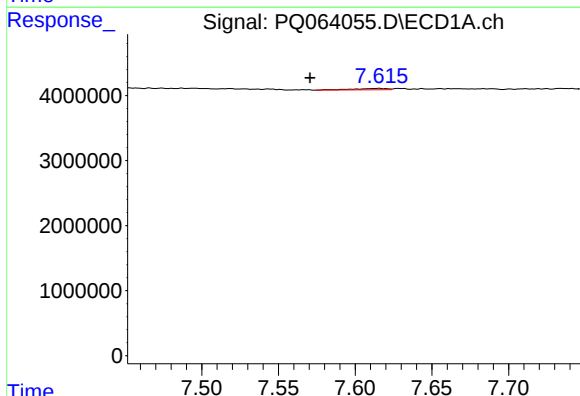
R.T.: 0.000 min
Exp R.T.: 7.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



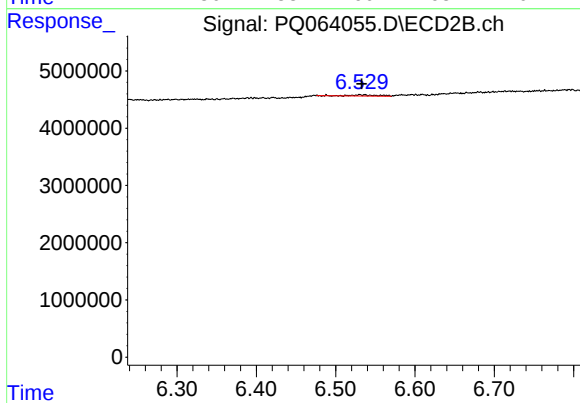
#37 AR-1262-2

R.T.: 6.042 min
Delta R.T.: 0.035 min
Response: 180286
Conc: 0.73 ng/ml



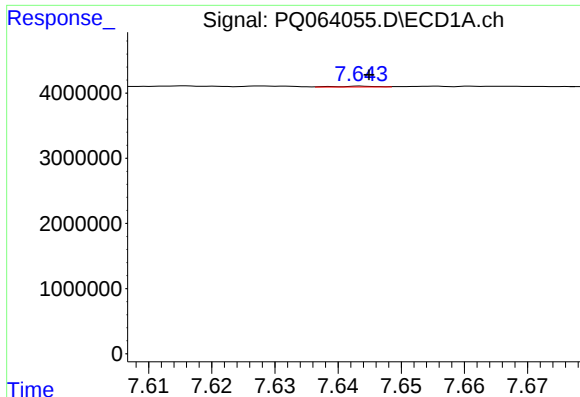
#38 AR-1262-3

R.T.: 7.615 min
Delta R.T.: 0.045 min
Response: 329917
Conc: 1.15 ng/ml



#38 AR-1262-3

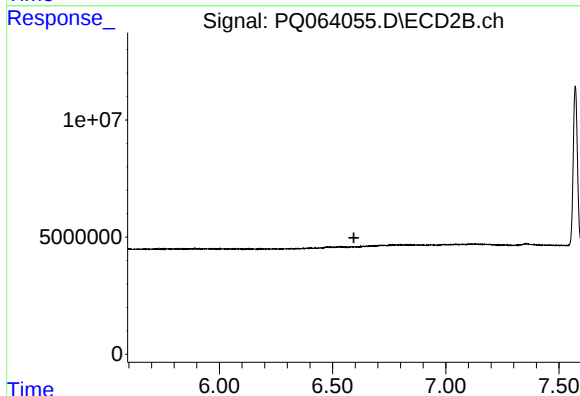
R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 463408
Conc: 2.29 ng/ml



#39 AR-1262-4

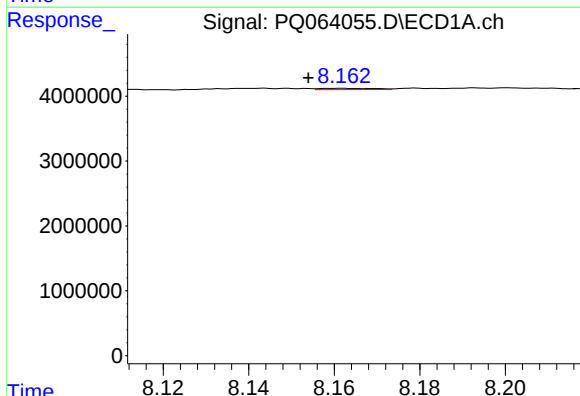
R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 51273
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



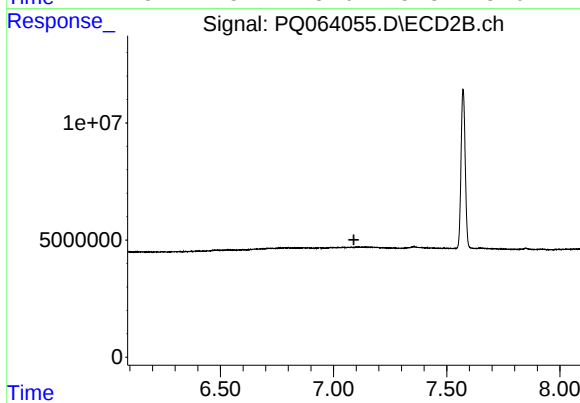
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.594 min
Response: 0
Conc: N.D.



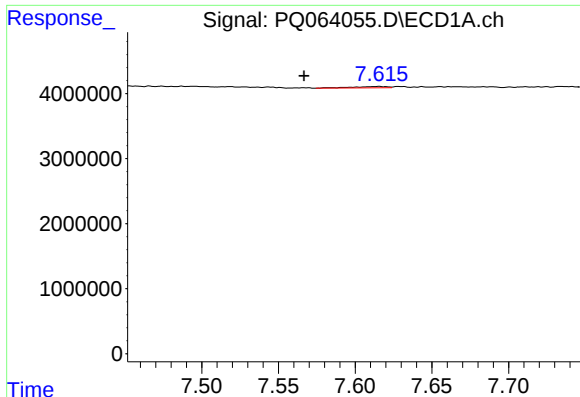
#40 AR-1262-5

R.T.: 8.161 min
Delta R.T.: 0.007 min
Response: 164496
Conc: 1.15 ng/ml



#40 AR-1262-5

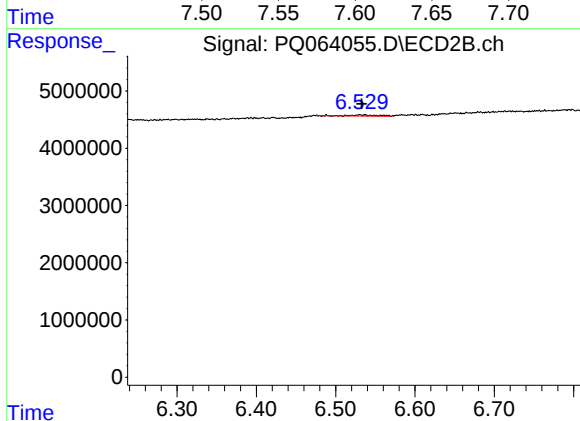
R.T.: 7.106 min
Delta R.T.: 0.016 min
Response: -22339
Conc: N.D.



#41 AR-1268-1

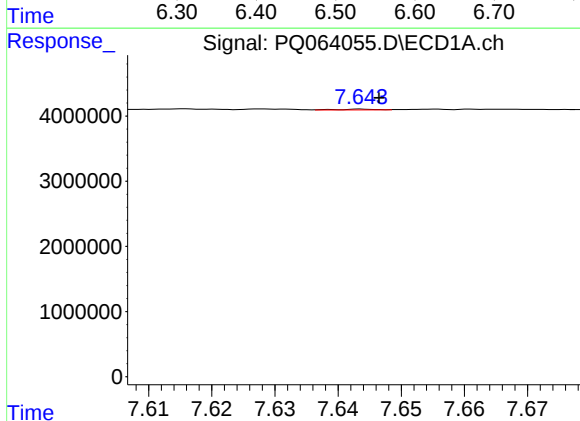
R.T.: 7.615 min
Delta R.T.: 0.049 min
Response: 329917
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



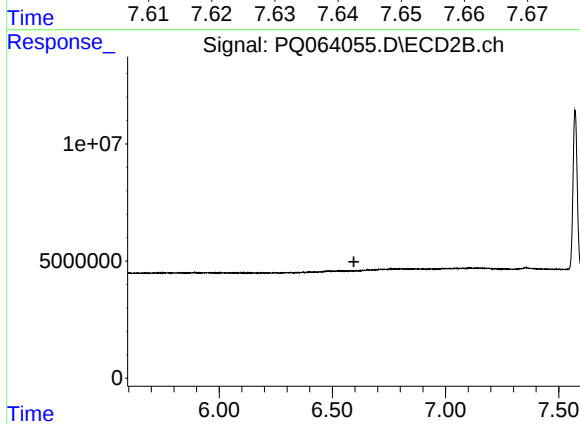
#41 AR-1268-1

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 463408
Conc: 0.81 ng/ml



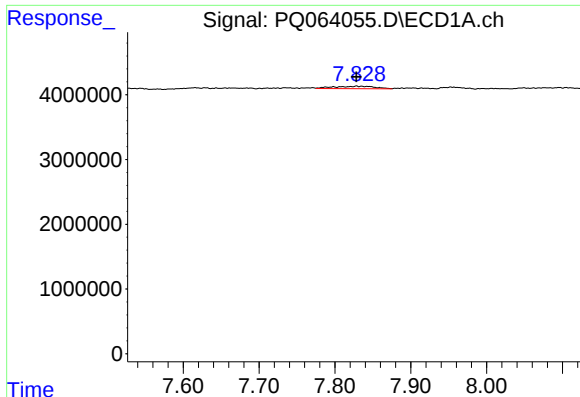
#42 AR-1268-2

R.T.: 7.644 min
Delta R.T.: -0.003 min
Response: 51273
Conc: 0.11 ng/ml



#42 AR-1268-2

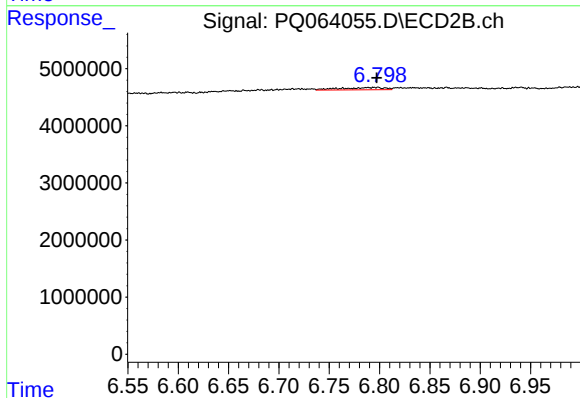
R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.



#43 AR-1268-3

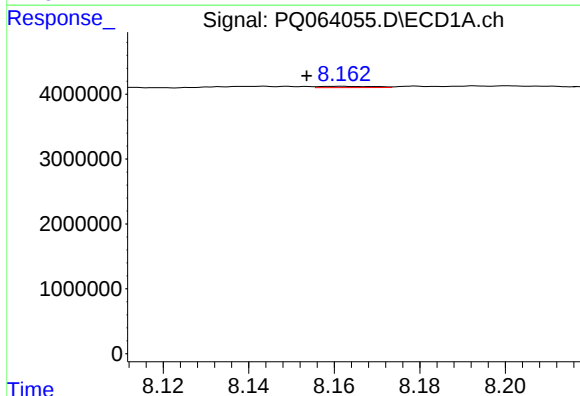
R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 1414071
Conc: 3.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



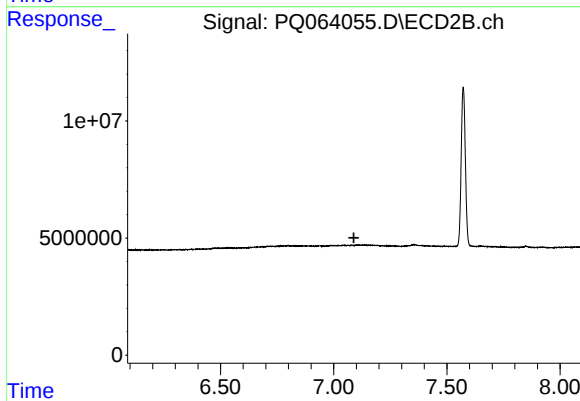
#43 AR-1268-3

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 1237510
Conc: 2.67 ng/ml



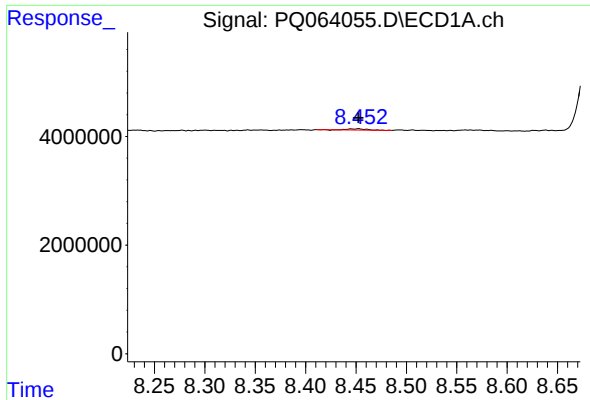
#44 AR-1268-4

R.T.: 8.161 min
Delta R.T.: 0.008 min
Response: 164496
Conc: 1.05 ng/ml



#44 AR-1268-4

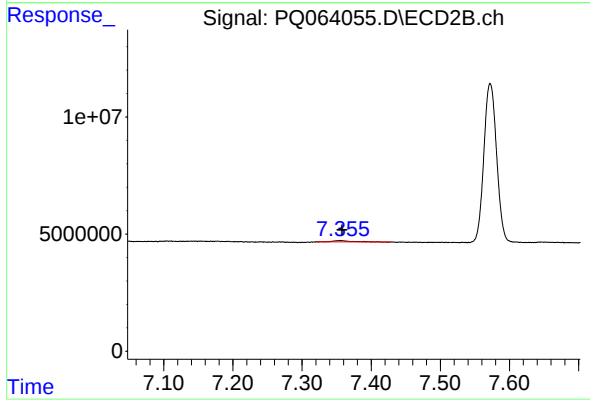
R.T.: 7.106 min
Delta R.T.: 0.016 min
Response: -22339
Conc: N.D.



#45 AR-1268-5

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 289738
Conc: 0.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 986208
Conc: 0.64 ng/ml