

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020824\
 Data File : PQ065334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2024 20:40
 Operator : YP\AJ
 Sample : P1391-31
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 SP-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 21:34:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 18 00:09:27 2024
 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...	3.465	2.742	62219274	128.1E6	16.702	19.190
2)	SA Decachlor...	8.773	7.514	41954745	102.0E6	13.576	14.033
Target Compounds							
3)	L1 AR-1016-1	4.615	3.744	1092063	1251717	9.051	5.012 #
4)	L1 AR-1016-2	4.615	3.761	1092063	826804	6.346	2.402 #
5)	L1 AR-1016-3	4.663	3.918	2561841	94853	23.315	0.495 #
6)	L1 AR-1016-4	4.777	3.974	2508272	1043347	27.361	6.486 #
7)	L1 AR-1016-5	5.047	4.183	125523	68159	1.427	0.343 #
8)	L2 AR-1221-1	3.655	2.968	884327	14850254	19.675	156.124 #
9)	L2 AR-1221-2	3.749	3.029	1042830	11056300	32.020	153.794 #
10)	L2 AR-1221-3	3.811	3.125f	1972151	4219718	19.635	21.596
11)	L3 AR-1232-1	3.811	3.125f	1972151	4219718	23.415	25.859
12)	L3 AR-1232-2	4.330	3.761	1308008	826804	27.822	4.880 #
13)	L3 AR-1232-3	4.615	3.918	1092063	94853	12.691	1.029 #
14)	L3 AR-1232-4	4.777	3.992	2508272	764279	57.762	9.709 #
15)	L3 AR-1232-5	4.856	4.183	114312	68159	3.801	0.759 #
16)	L4 AR-1242-1	4.615	3.744	1092063	1251717	10.755	5.870 #
17)	L4 AR-1242-2	4.615	3.761	1092063	826804	7.375	2.844 #
18)	L4 AR-1242-3	4.663	3.918	2561841	94853	26.890	0.587 #
19)	L4 AR-1242-4	4.777	3.992	2508272	764279	32.543	5.008 #
20)	L4 AR-1242-5	5.488	4.507	1060091	532062	12.906	2.616 #
21)	L5 AR-1248-1	4.615	3.744	1092063	1251717	14.071	7.456 #
22)	L5 AR-1248-2	4.856	3.974	114312	1043347	1.106	4.452 #
23)	L5 AR-1248-3	5.047	3.992	125523	764279	1.033	3.399 #
24)	L5 AR-1248-4	5.436	4.183	1880210	68159	13.194	0.245 #
25)	L5 AR-1248-5	5.488	4.525	1060091	6816378	7.525	23.826 #
26)	L6 AR-1254-1	5.436	4.500	1880210	1118967	13.436	2.679 #
27)	L6 AR-1254-2	5.625f	4.652	2514043	1330585	11.611	3.614 #
28)	L6 AR-1254-3	6.010	5.035	964752	1807458	4.252	3.088 #
29)	L6 AR-1254-4	6.341f	5.254	2704241	703488	16.046	1.818 #
30)	L6 AR-1254-5	6.748	5.649	769786	5517278	3.991	10.085 #
31)	L7 AR-1260-1	0.000	5.147	0	4545312	N.D.	11.294 #
32)	L7 AR-1260-2	6.432	5.366	654098	3594438	2.863	7.350 #
33)	L7 AR-1260-3	0.000	5.494	0	2710149	N.D.	5.666 #
34)	L7 AR-1260-4	7.035	5.979	227993	1121912	1.282	2.883 #
35)	L7 AR-1260-5	7.303f	6.194	117334	1128189	0.320	1.293 #
36)	L8 AR-1262-1	6.687	5.649	259777	5517278	1.426	15.467 #
37)	L8 AR-1262-2	7.303f	5.979	117334	1121912	0.244	2.123 #
38)	L8 AR-1262-3	0.000	6.492	0	4693589	N.D.	10.112 #
39)	L8 AR-1262-4	7.738f	0.000	42368	0	0.181	N.D. #
40)	L8 AR-1262-5	8.218	7.035	408176	141232	2.545	0.342 #
41)	L9 AR-1268-1	0.000	6.492	0	4693589	N.D.	3.747 #

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 Acq On : 08 Feb 2024 20:40
 Operator : YP\AJ
 Sample : P1391-31
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

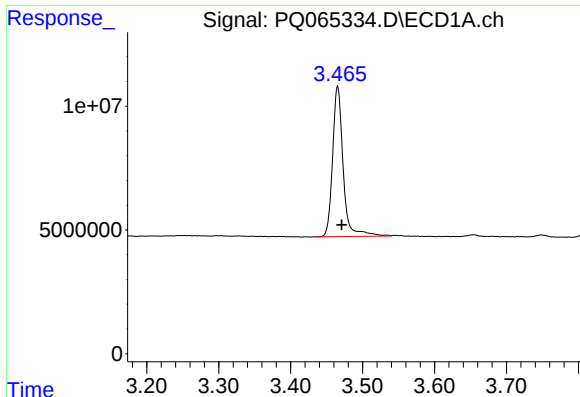
Instrument :
 ECD_Q
 ClientSampleId :
 SP-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 21:34:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011724.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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
42) L9	AR-1268-2	7.738f	0.000	42368	0	0.097	N.D. #
43) L9	AR-1268-3	0.000	6.740	0	2684216	N.D.	2.725 #
44) L9	AR-1268-4	8.208	7.035	346435	141232	2.129	0.321 #
45) L9	AR-1268-5	8.523	7.318	497448	3705301	0.435	1.254 #

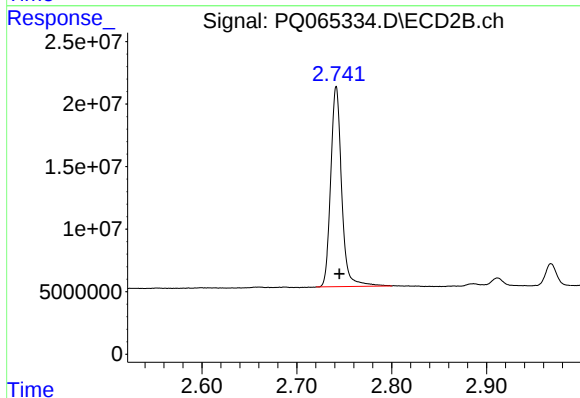
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

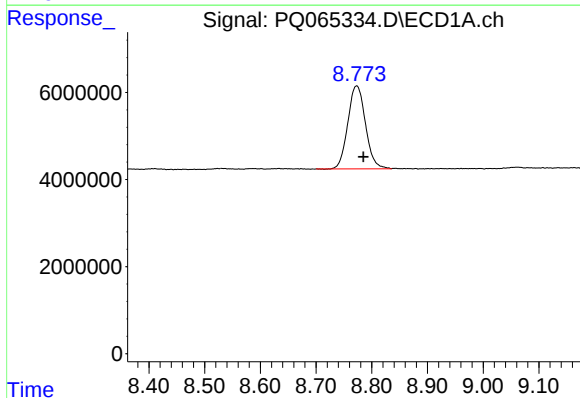
R.T.: 3.465 min
Delta R.T.: -0.006 min
Response: 62219274
Conc: 16.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



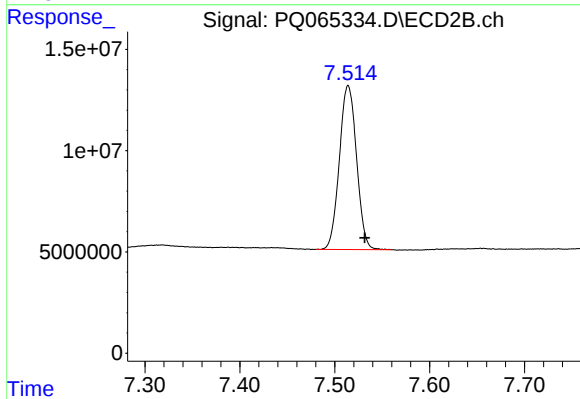
#1 Tetrachloro-m-xylene

R.T.: 2.742 min
Delta R.T.: -0.003 min
Response: 128143341
Conc: 19.19 ng/ml



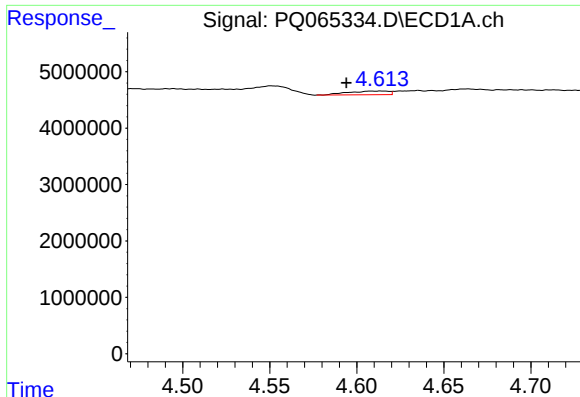
#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.012 min
Response: 41954745
Conc: 13.58 ng/ml



#2 Decachlorobiphenyl

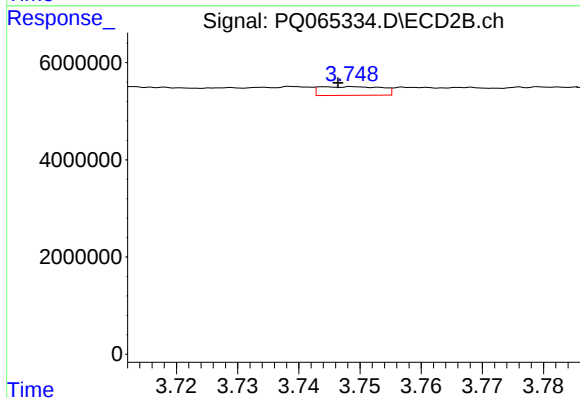
R.T.: 7.514 min
Delta R.T.: -0.017 min
Response: 101986017
Conc: 14.03 ng/ml



#3 AR-1016-1

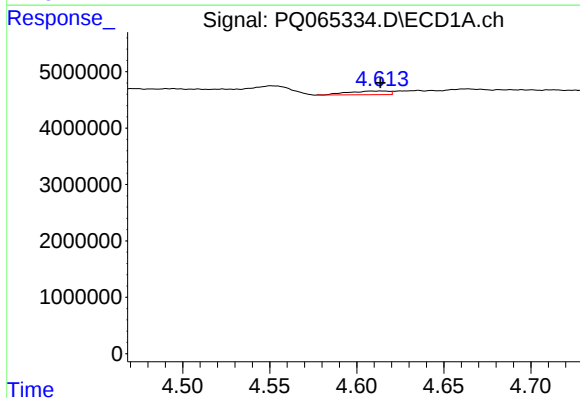
R.T.: 4.615 min
Delta R.T.: 0.021 min
Response: 1092063
Conc: 9.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



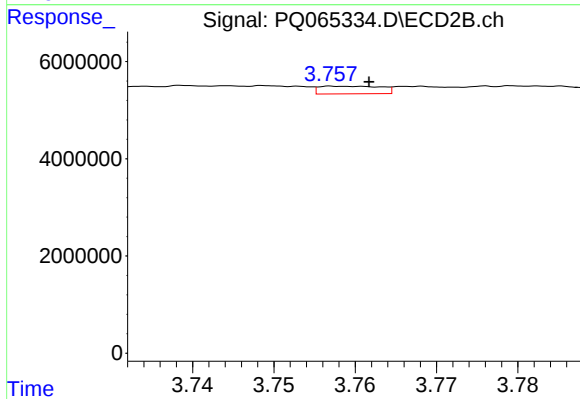
#3 AR-1016-1

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1251717
Conc: 5.01 ng/ml



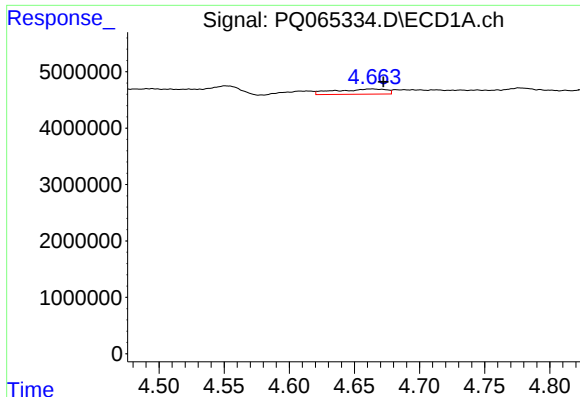
#4 AR-1016-2

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 1092063
Conc: 6.35 ng/ml



#4 AR-1016-2

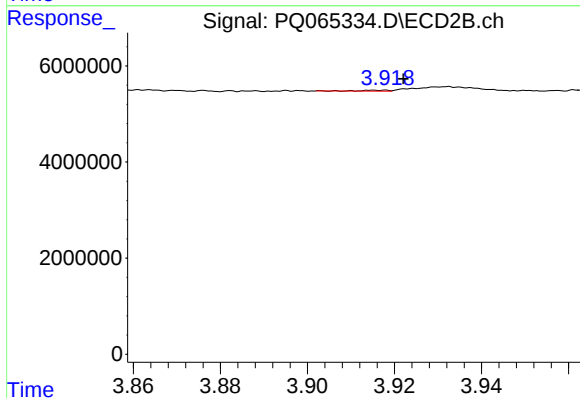
R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 826804
Conc: 2.40 ng/ml



#5 AR-1016-3

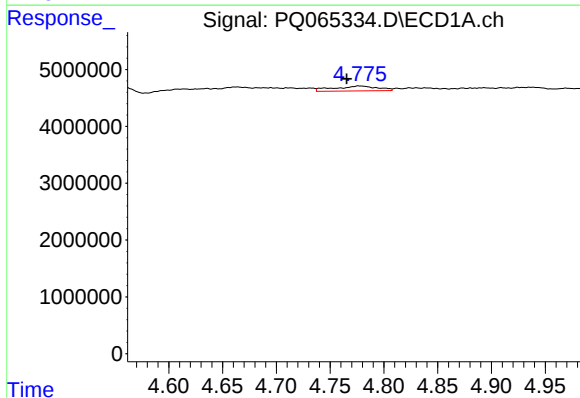
R.T.: 4.663 min
Delta R.T.: -0.009 min
Response: 2561841
Conc: 23.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



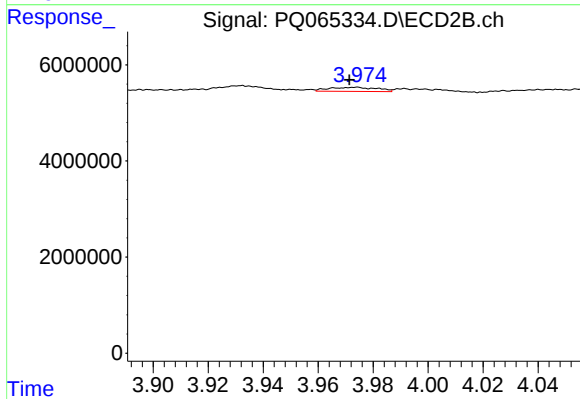
#5 AR-1016-3

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 94853
Conc: 0.50 ng/ml



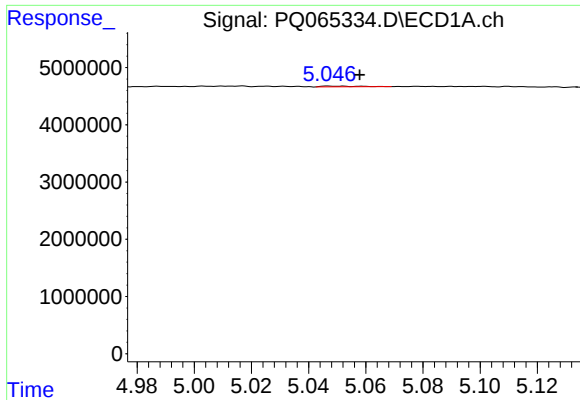
#6 AR-1016-4

R.T.: 4.777 min
Delta R.T.: 0.011 min
Response: 2508272
Conc: 27.36 ng/ml



#6 AR-1016-4

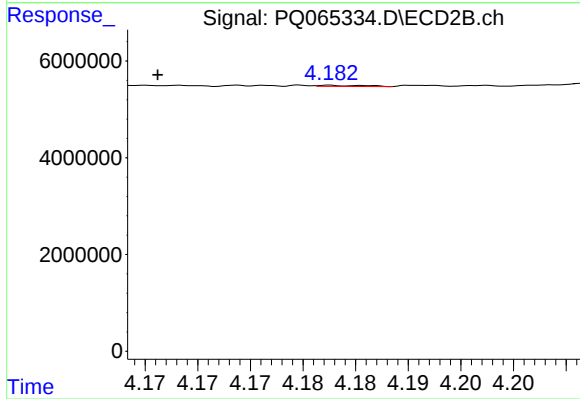
R.T.: 3.974 min
Delta R.T.: 0.003 min
Response: 1043347
Conc: 6.49 ng/ml



#7 AR-1016-5

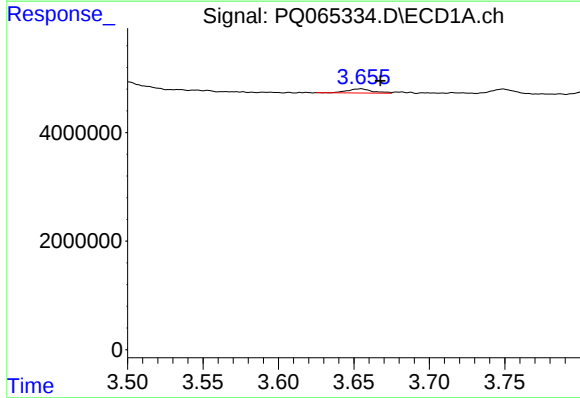
R.T.: 5.047 min
Delta R.T.: -0.011 min
Response: 125523
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



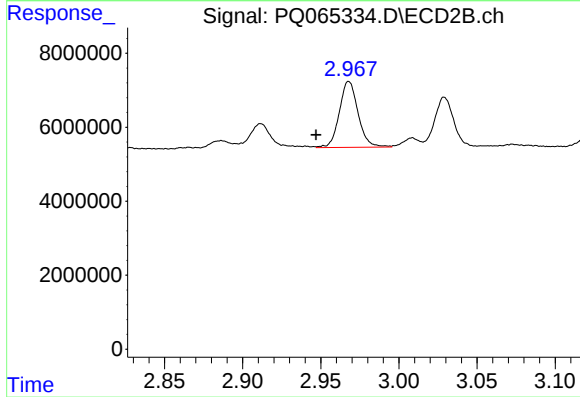
#7 AR-1016-5

R.T.: 4.183 min
Delta R.T.: 0.016 min
Response: 68159
Conc: 0.34 ng/ml



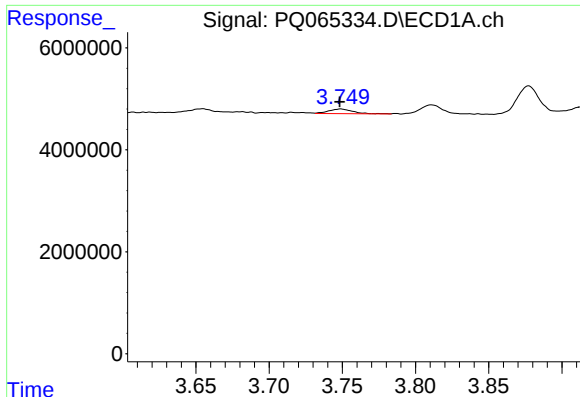
#8 AR-1221-1

R.T.: 3.655 min
Delta R.T.: -0.013 min
Response: 884327
Conc: 19.68 ng/ml



#8 AR-1221-1

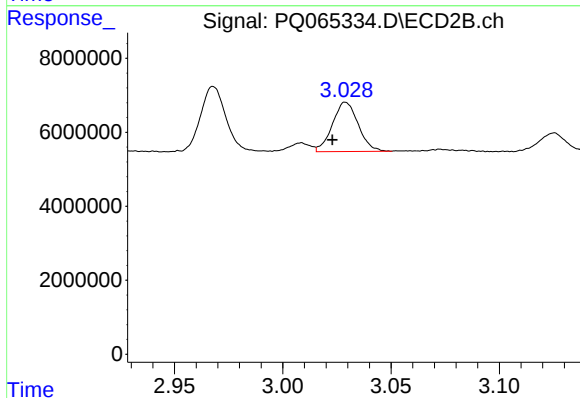
R.T.: 2.968 min
Delta R.T.: 0.021 min
Response: 14850254
Conc: 156.12 ng/ml



#9 AR-1221-2

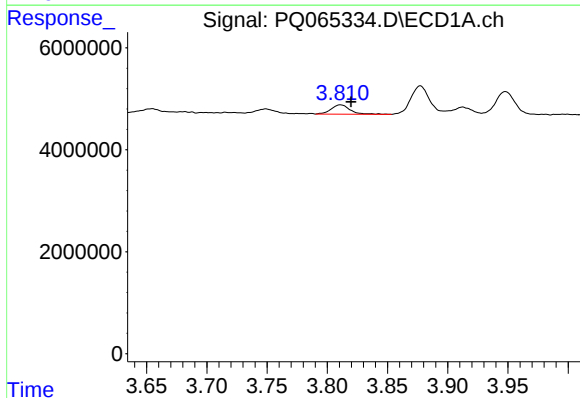
R.T.: 3.749 min
Delta R.T.: 0.000 min
Response: 1042830
Conc: 32.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



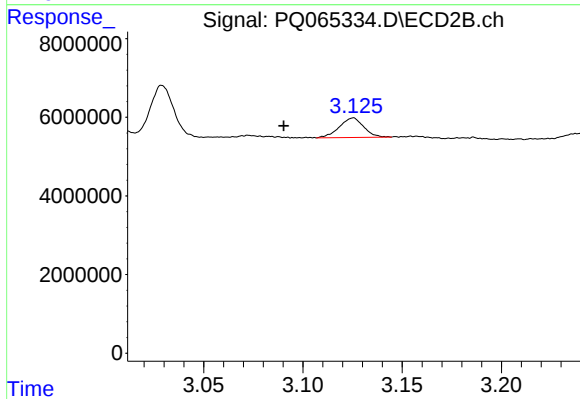
#9 AR-1221-2

R.T.: 3.029 min
Delta R.T.: 0.006 min
Response: 11056300
Conc: 153.79 ng/ml



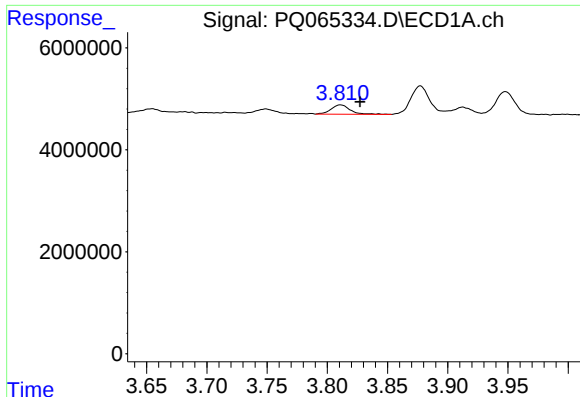
#10 AR-1221-3

R.T.: 3.811 min
Delta R.T.: -0.009 min
Response: 1972151
Conc: 19.63 ng/ml



#10 AR-1221-3

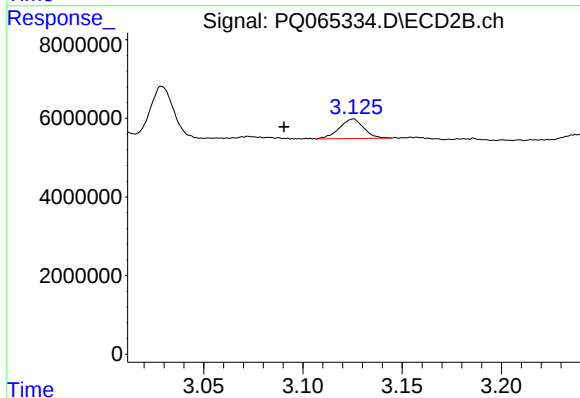
R.T.: 3.125 min
Delta R.T.: 0.035 min
Response: 4219718
Conc: 21.60 ng/ml



#11 AR-1232-1

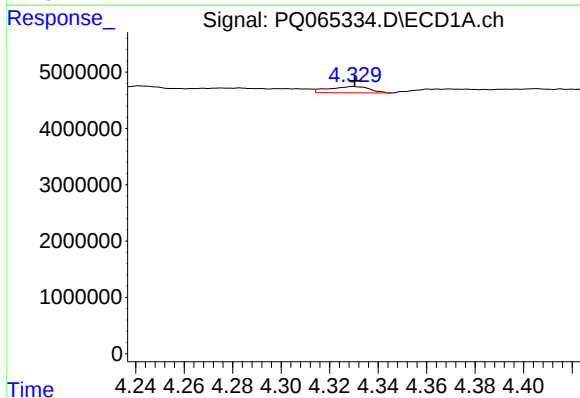
R.T.: 3.811 min
Delta R.T.: -0.016 min
Response: 1972151
Conc: 23.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



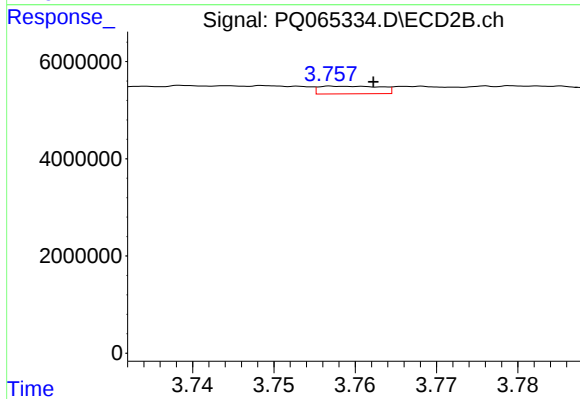
#11 AR-1232-1

R.T.: 3.125 min
Delta R.T.: 0.035 min
Response: 4219718
Conc: 25.86 ng/ml



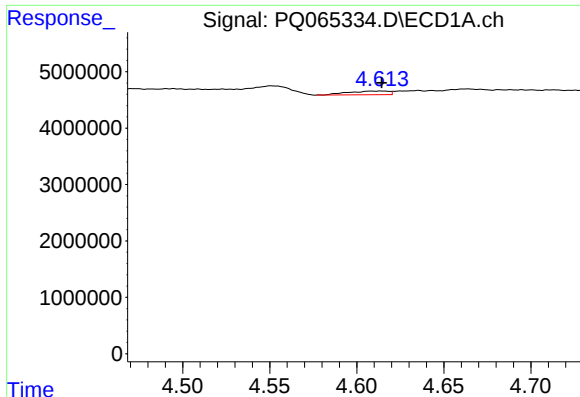
#12 AR-1232-2

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 1308008
Conc: 27.82 ng/ml



#12 AR-1232-2

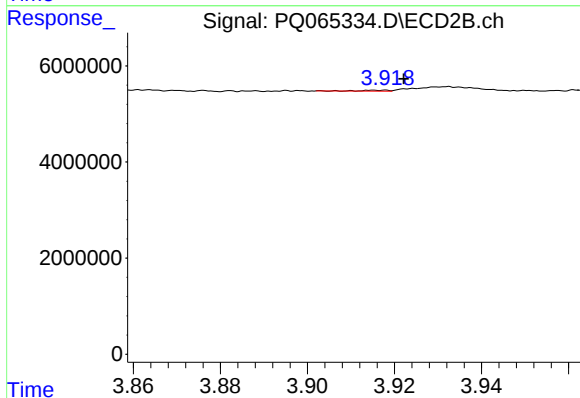
R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 826804
Conc: 4.88 ng/ml



#13 AR-1232-3

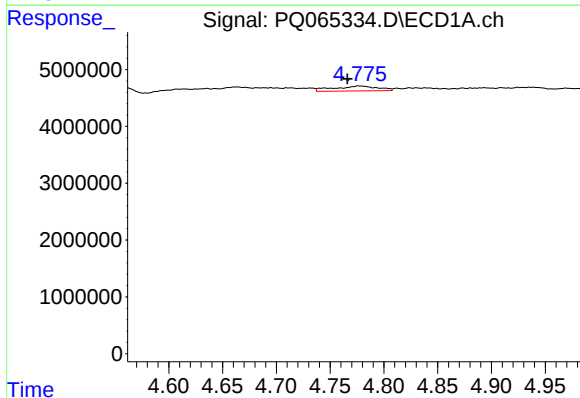
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 1092063
Conc: 12.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



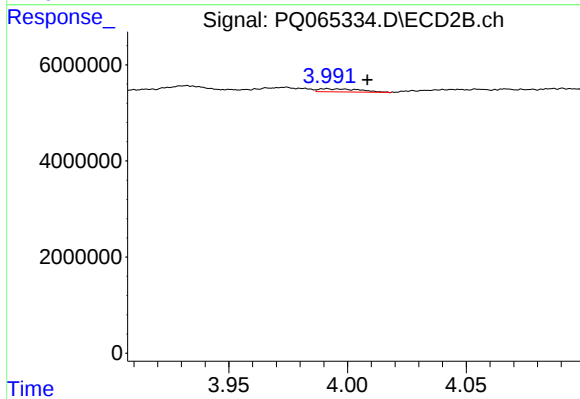
#13 AR-1232-3

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 94853
Conc: 1.03 ng/ml



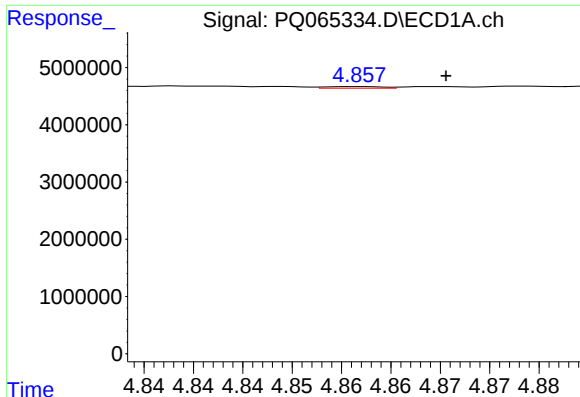
#14 AR-1232-4

R.T.: 4.777 min
Delta R.T.: 0.011 min
Response: 2508272
Conc: 57.76 ng/ml



#14 AR-1232-4

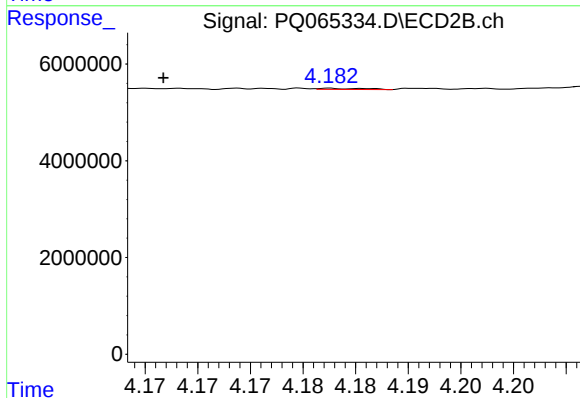
R.T.: 3.992 min
Delta R.T.: -0.017 min
Response: 764279
Conc: 9.71 ng/ml



#15 AR-1232-5

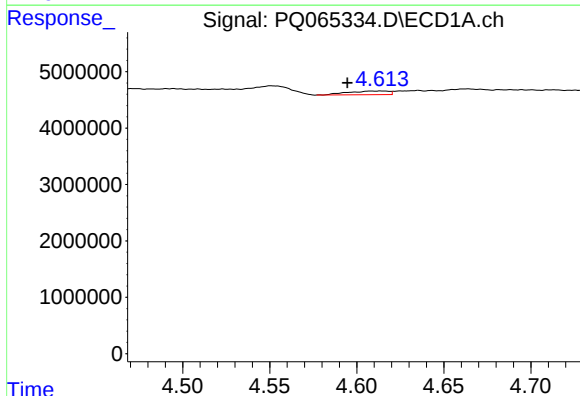
R.T.: 4.856 min
Delta R.T.: -0.009 min
Response: 114312
Conc: 3.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



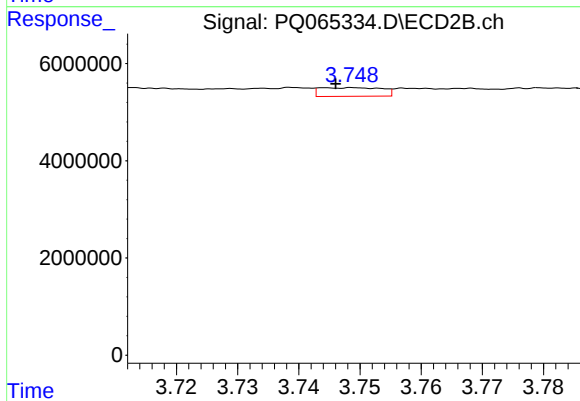
#15 AR-1232-5

R.T.: 4.183 min
Delta R.T.: 0.016 min
Response: 68159
Conc: 0.76 ng/ml



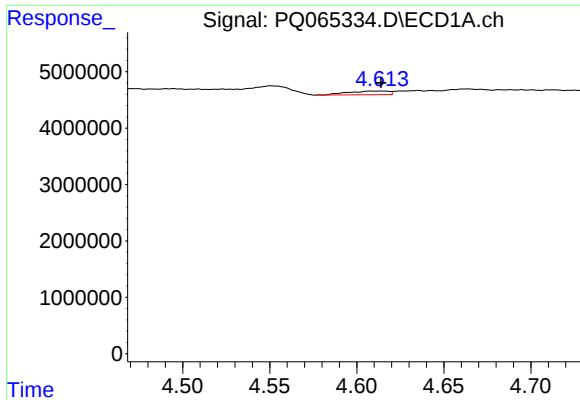
#16 AR-1242-1

R.T.: 4.615 min
Delta R.T.: 0.020 min
Response: 1092063
Conc: 10.76 ng/ml



#16 AR-1242-1

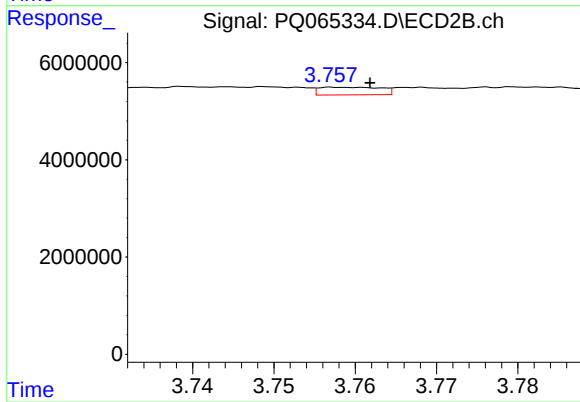
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1251717
Conc: 5.87 ng/ml



#17 AR-1242-2

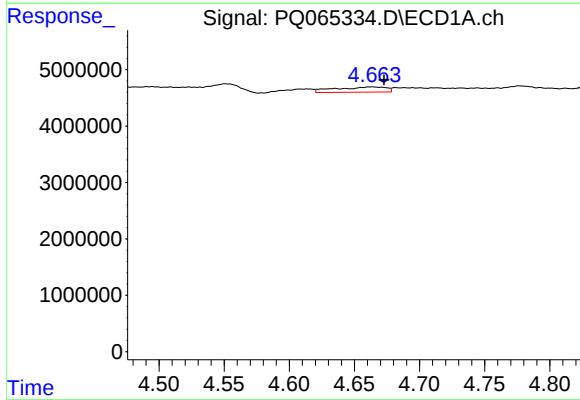
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 1092063
Conc: 7.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



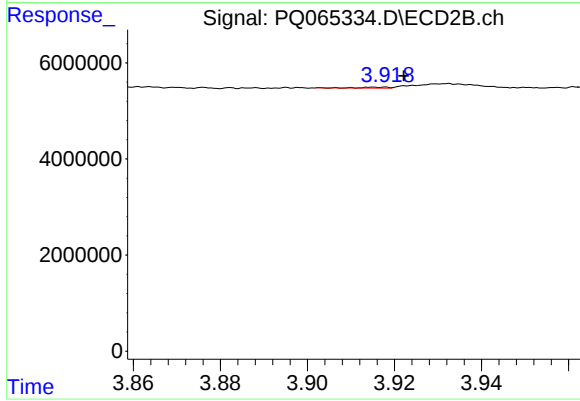
#17 AR-1242-2

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 826804
Conc: 2.84 ng/ml



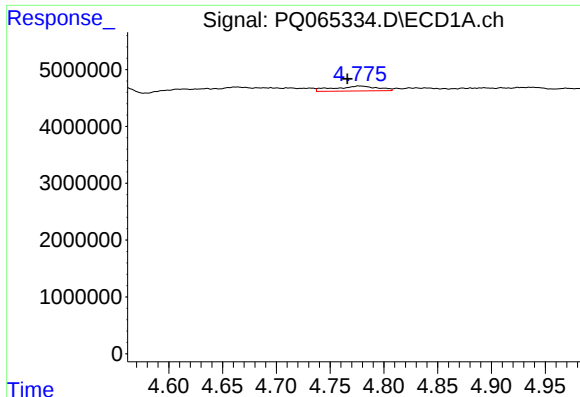
#18 AR-1242-3

R.T.: 4.663 min
Delta R.T.: -0.009 min
Response: 2561841
Conc: 26.89 ng/ml



#18 AR-1242-3

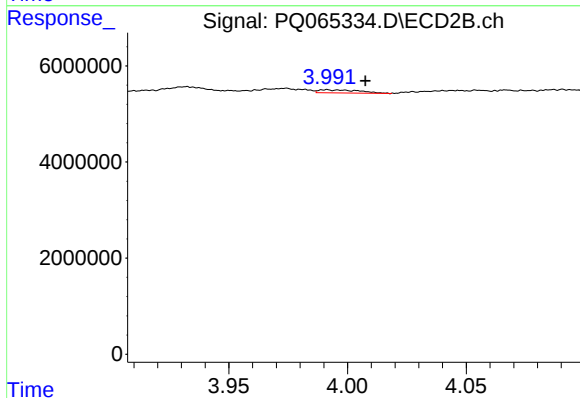
R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 94853
Conc: 0.59 ng/ml



#19 AR-1242-4

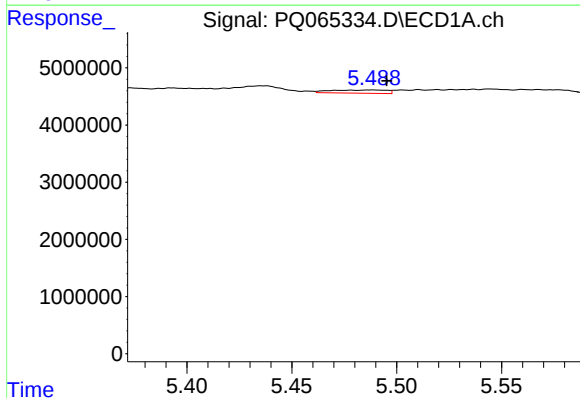
R.T.: 4.777 min
Delta R.T.: 0.011 min
Response: 2508272
Conc: 32.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



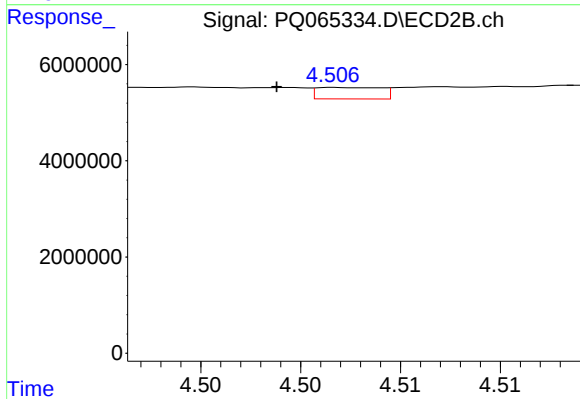
#19 AR-1242-4

R.T.: 3.992 min
Delta R.T.: -0.016 min
Response: 764279
Conc: 5.01 ng/ml



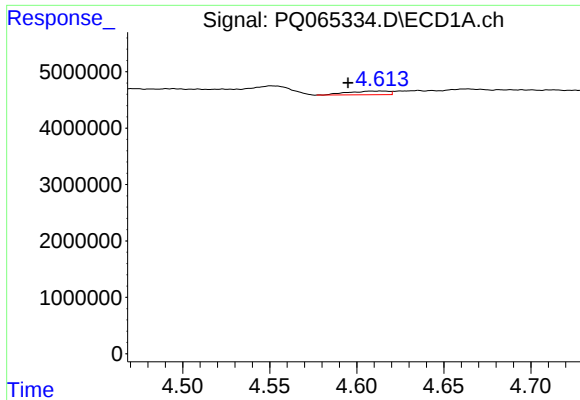
#20 AR-1242-5

R.T.: 5.488 min
Delta R.T.: -0.007 min
Response: 1060091
Conc: 12.91 ng/ml



#20 AR-1242-5

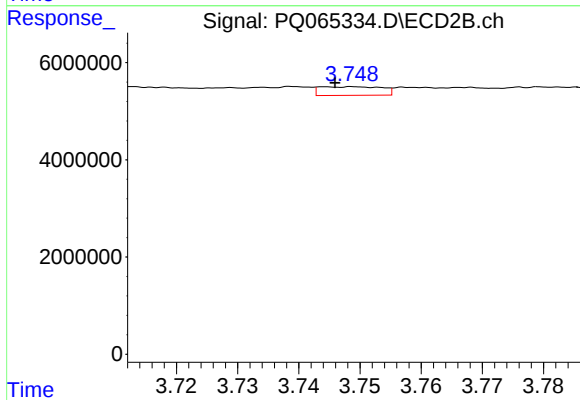
R.T.: 4.507 min
Delta R.T.: 0.003 min
Response: 532062
Conc: 2.62 ng/ml



#21 AR-1248-1

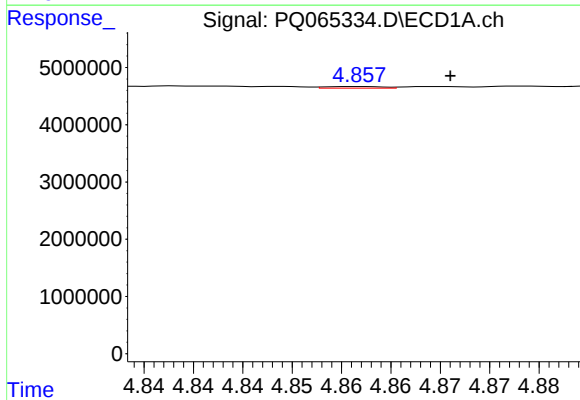
R.T.: 4.615 min
Delta R.T.: 0.020 min
Response: 1092063
Conc: 14.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



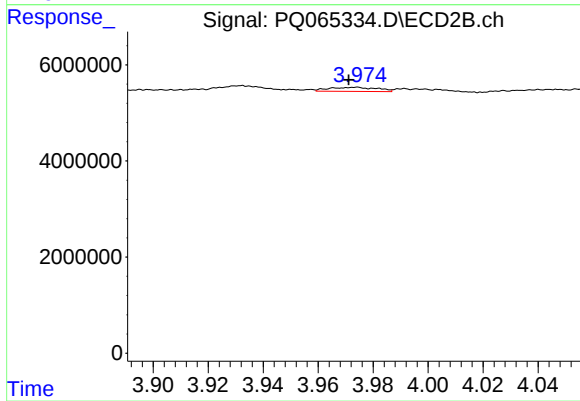
#21 AR-1248-1

R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 1251717
Conc: 7.46 ng/ml



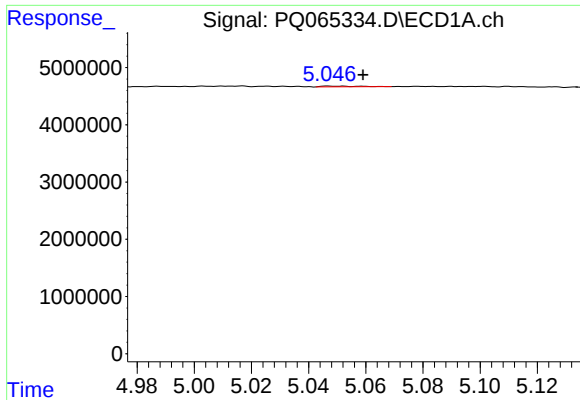
#22 AR-1248-2

R.T.: 4.856 min
Delta R.T.: -0.010 min
Response: 114312
Conc: 1.11 ng/ml



#22 AR-1248-2

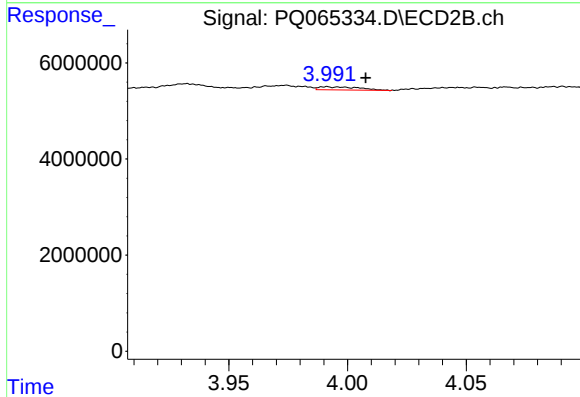
R.T.: 3.974 min
Delta R.T.: 0.003 min
Response: 1043347
Conc: 4.45 ng/ml



#23 AR-1248-3

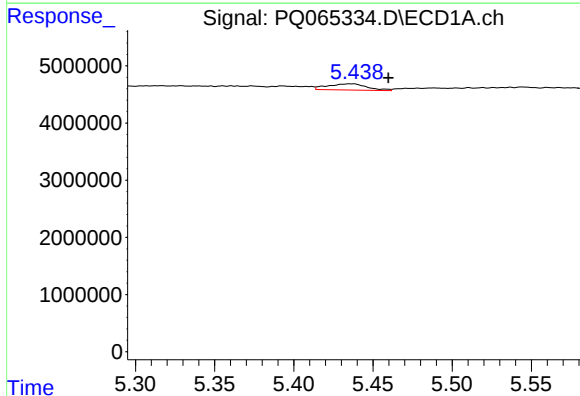
R.T.: 5.047 min
Delta R.T.: -0.012 min
Response: 125523
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



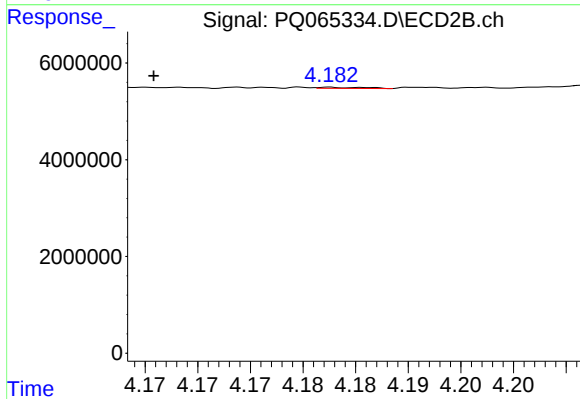
#23 AR-1248-3

R.T.: 3.992 min
Delta R.T.: -0.016 min
Response: 764279
Conc: 3.40 ng/ml



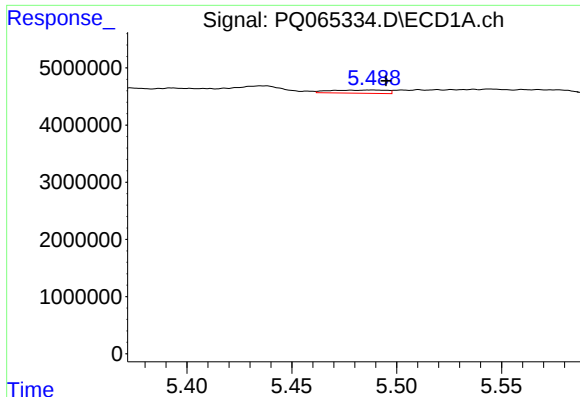
#24 AR-1248-4

R.T.: 5.436 min
Delta R.T.: -0.024 min
Response: 1880210
Conc: 13.19 ng/ml



#24 AR-1248-4

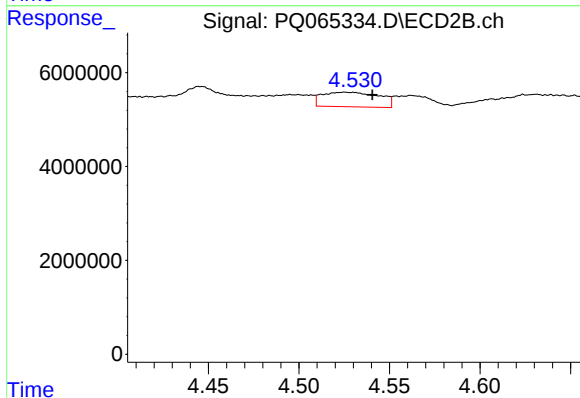
R.T.: 4.183 min
Delta R.T.: 0.017 min
Response: 68159
Conc: 0.24 ng/ml



#25 AR-1248-5

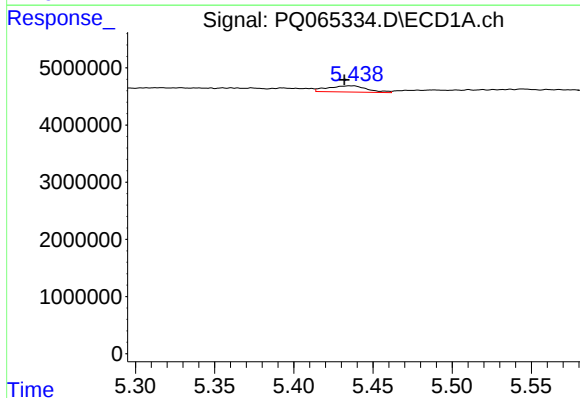
R.T.: 5.488 min
Delta R.T.: -0.007 min
Response: 1060091
Conc: 7.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



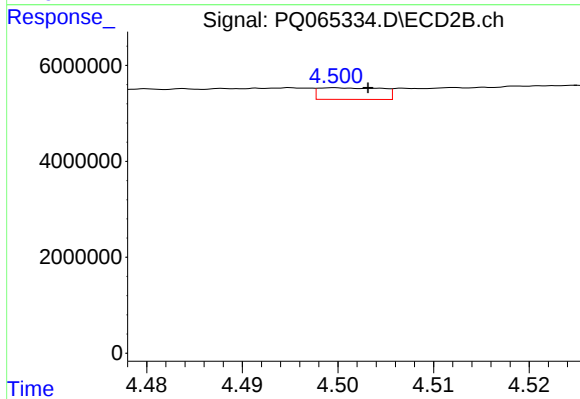
#25 AR-1248-5

R.T.: 4.525 min
Delta R.T.: -0.015 min
Response: 6816378
Conc: 23.83 ng/ml



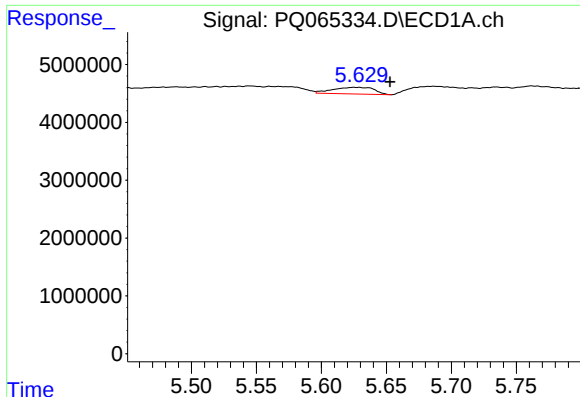
#26 AR-1254-1

R.T.: 5.436 min
Delta R.T.: 0.004 min
Response: 1880210
Conc: 13.44 ng/ml



#26 AR-1254-1

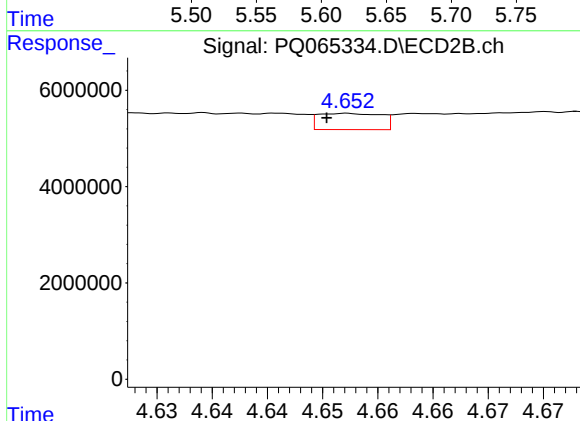
R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 1118967
Conc: 2.68 ng/ml



#27 AR-1254-2

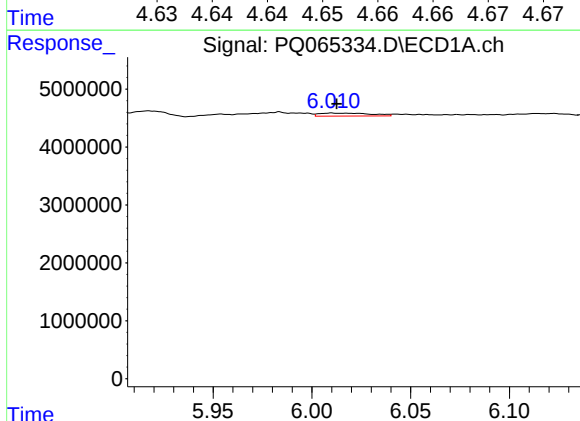
R.T.: 5.625 min
Delta R.T.: -0.028 min
Response: 2514043
Conc: 11.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



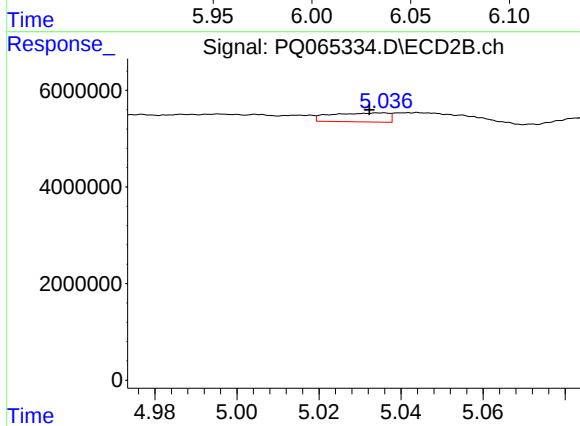
#27 AR-1254-2

R.T.: 4.652 min
Delta R.T.: 0.002 min
Response: 1330585
Conc: 3.61 ng/ml



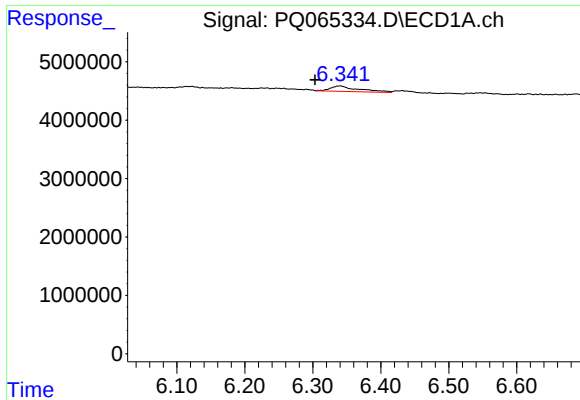
#28 AR-1254-3

R.T.: 6.010 min
Delta R.T.: -0.002 min
Response: 964752
Conc: 4.25 ng/ml



#28 AR-1254-3

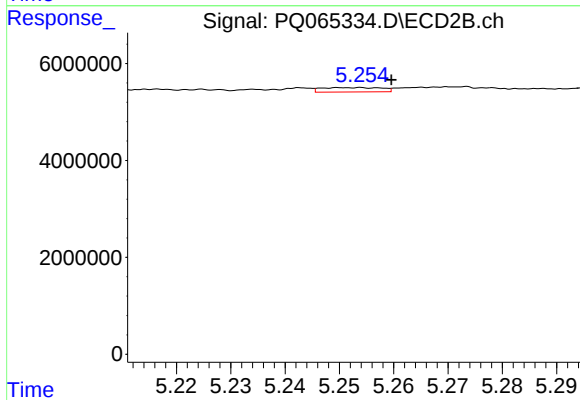
R.T.: 5.035 min
Delta R.T.: 0.003 min
Response: 1807458
Conc: 3.09 ng/ml



#29 AR-1254-4

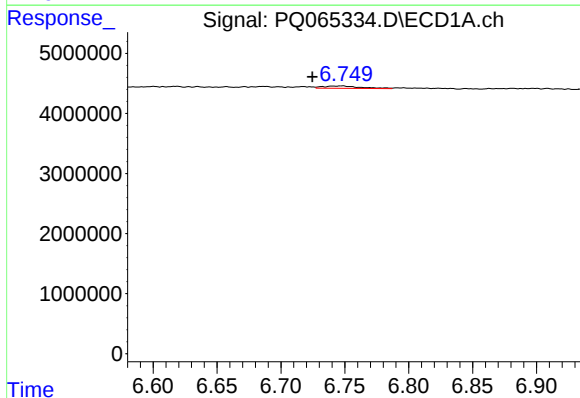
R.T.: 6.341 min
Delta R.T.: 0.037 min
Response: 2704241
Conc: 16.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



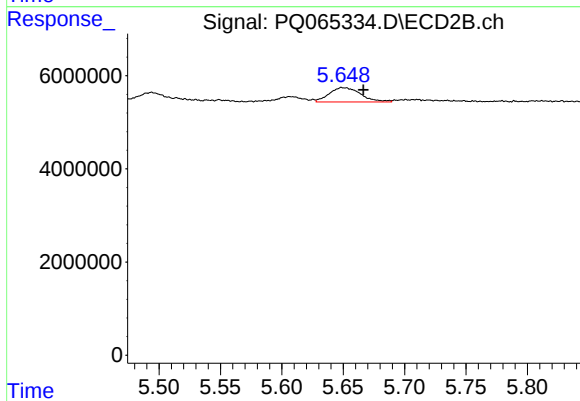
#29 AR-1254-4

R.T.: 5.254 min
Delta R.T.: -0.006 min
Response: 703488
Conc: 1.82 ng/ml



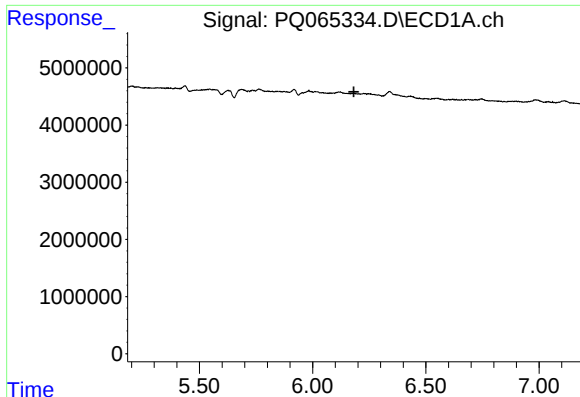
#30 AR-1254-5

R.T.: 6.748 min
Delta R.T.: 0.023 min
Response: 769786
Conc: 3.99 ng/ml



#30 AR-1254-5

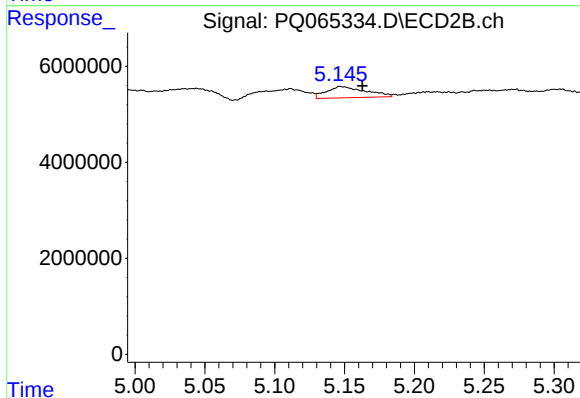
R.T.: 5.649 min
Delta R.T.: -0.018 min
Response: 5517278
Conc: 10.09 ng/ml



#31 AR-1260-1

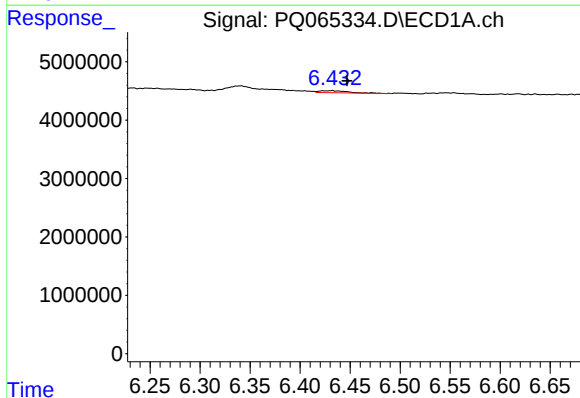
R.T.: 0.000 min
Exp R.T.: 6.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SP-4



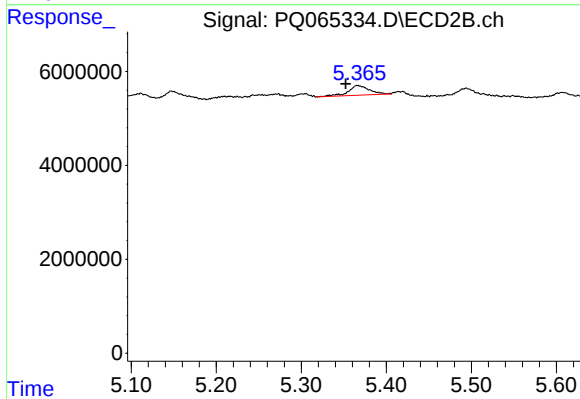
#31 AR-1260-1

R.T.: 5.147 min
Delta R.T.: -0.016 min
Response: 4545312
Conc: 11.29 ng/ml



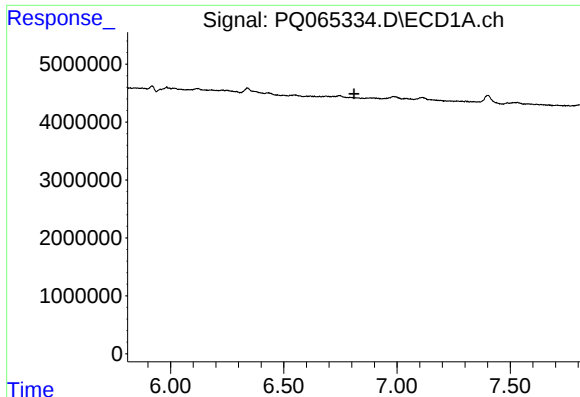
#32 AR-1260-2

R.T.: 6.432 min
Delta R.T.: -0.015 min
Response: 654098
Conc: 2.86 ng/ml



#32 AR-1260-2

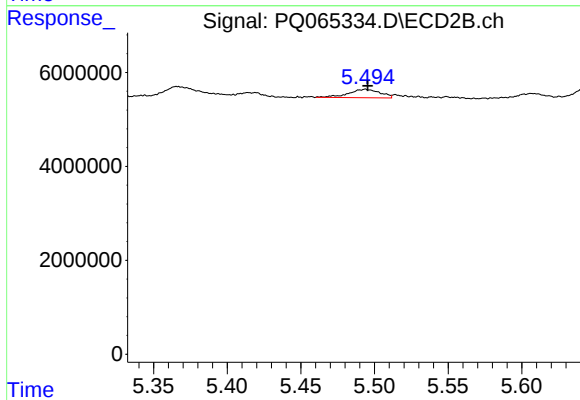
R.T.: 5.366 min
Delta R.T.: 0.013 min
Response: 3594438
Conc: 7.35 ng/ml



#33 AR-1260-3

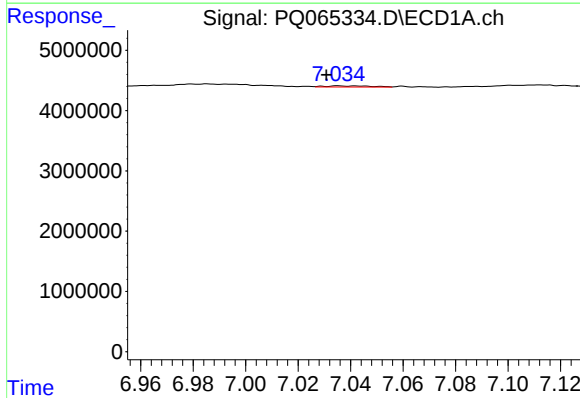
R.T.: 0.000 min
Exp R.T.: 6.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SP-4



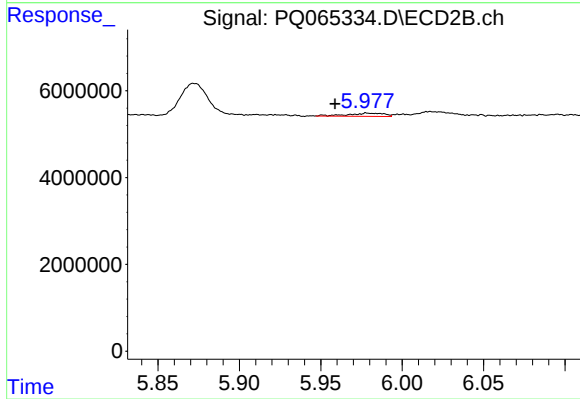
#33 AR-1260-3

R.T.: 5.494 min
Delta R.T.: -0.001 min
Response: 2710149
Conc: 5.67 ng/ml



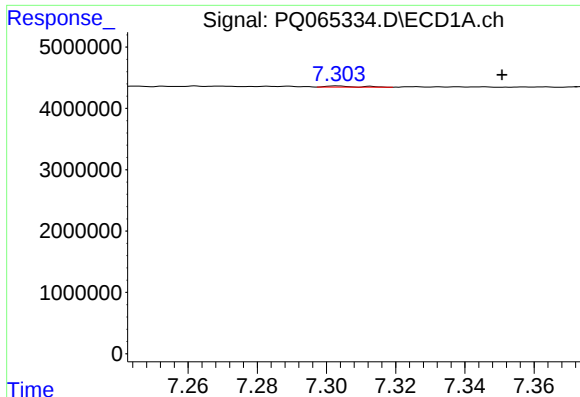
#34 AR-1260-4

R.T.: 7.035 min
Delta R.T.: 0.004 min
Response: 227993
Conc: 1.28 ng/ml



#34 AR-1260-4

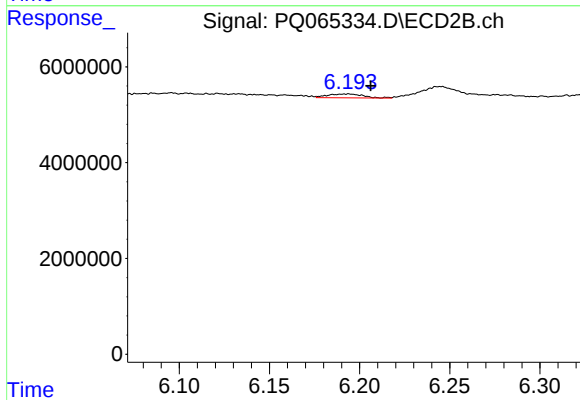
R.T.: 5.979 min
Delta R.T.: 0.020 min
Response: 1121912
Conc: 2.88 ng/ml



#35 AR-1260-5

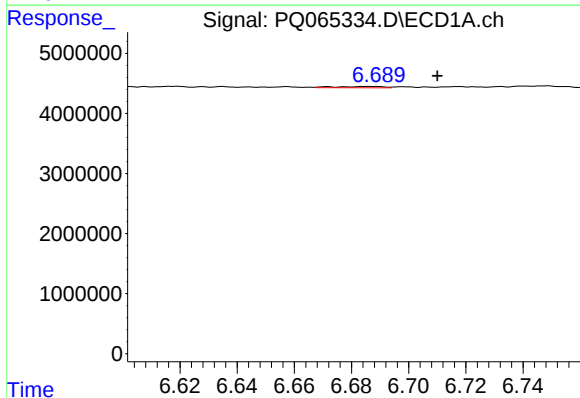
R.T.: 7.303 min
Delta R.T.: -0.048 min
Response: 117334
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



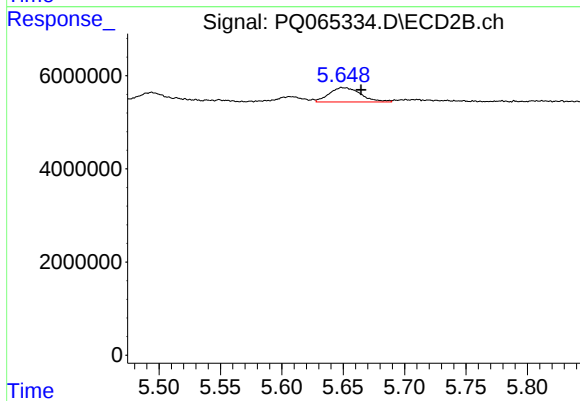
#35 AR-1260-5

R.T.: 6.194 min
Delta R.T.: -0.012 min
Response: 1128189
Conc: 1.29 ng/ml



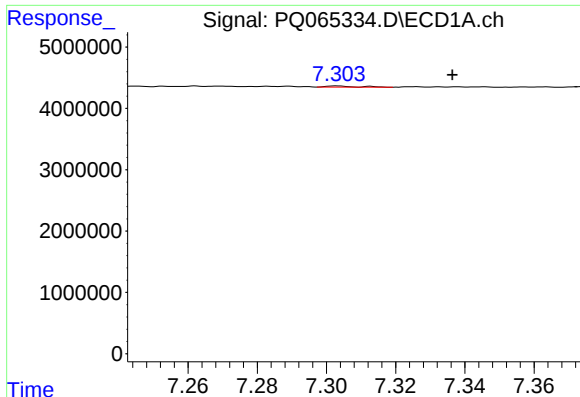
#36 AR-1262-1

R.T.: 6.687 min
Delta R.T.: -0.023 min
Response: 259777
Conc: 1.43 ng/ml



#36 AR-1262-1

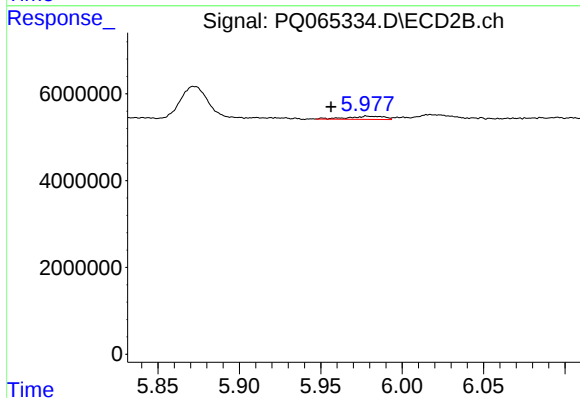
R.T.: 5.649 min
Delta R.T.: -0.016 min
Response: 5517278
Conc: 15.47 ng/ml



#37 AR-1262-2

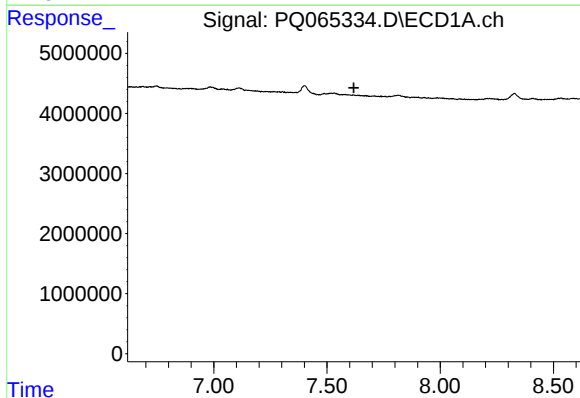
R.T.: 7.303 min
Delta R.T.: -0.033 min
Response: 117334
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



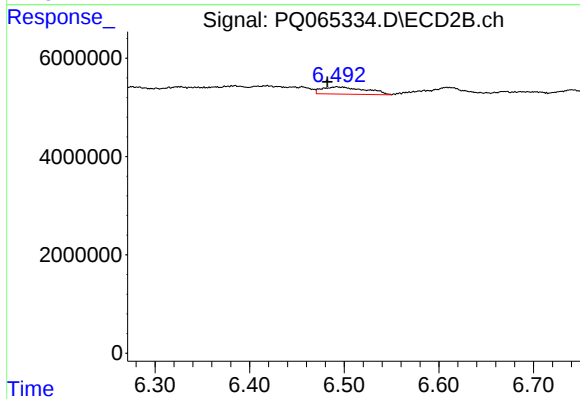
#37 AR-1262-2

R.T.: 5.979 min
Delta R.T.: 0.022 min
Response: 1121912
Conc: 2.12 ng/ml



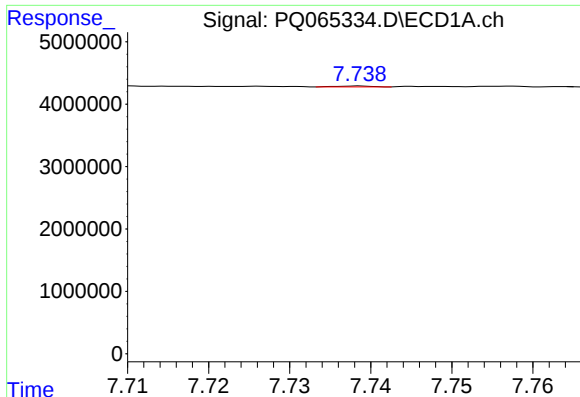
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.618 min
Response: 0
Conc: N.D.



#38 AR-1262-3

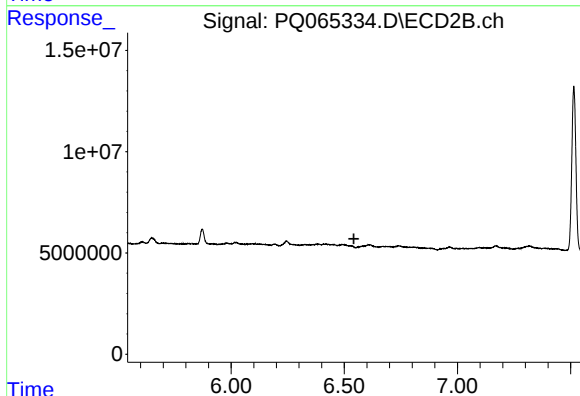
R.T.: 6.492 min
Delta R.T.: 0.010 min
Response: 4693589
Conc: 10.11 ng/ml



#39 AR-1262-4

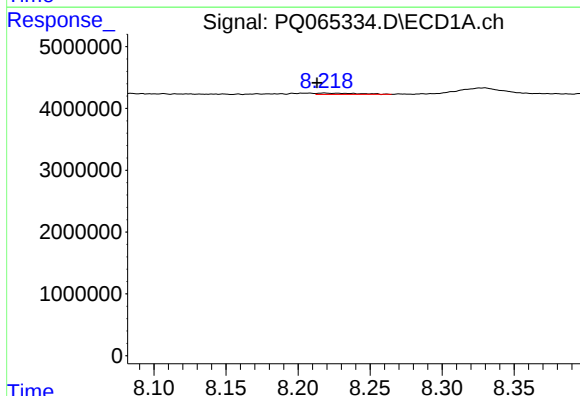
R.T.: 7.738 min
Delta R.T.: 0.047 min
Response: 42368
Conc: 0.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



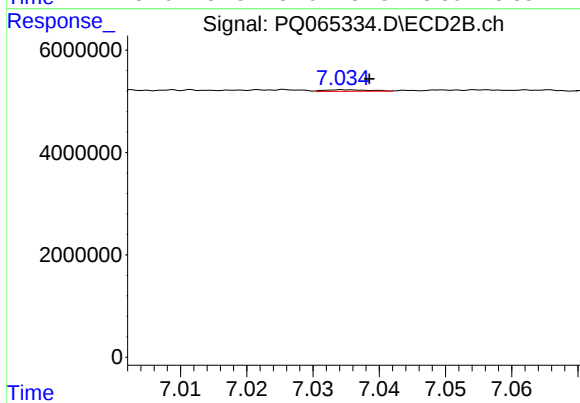
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.543 min
Response: 0
Conc: N.D.



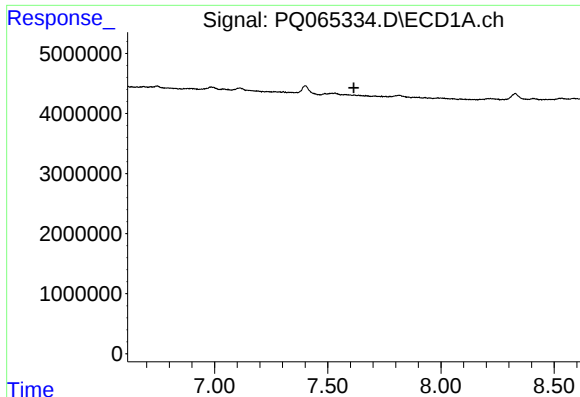
#40 AR-1262-5

R.T.: 8.218 min
Delta R.T.: 0.005 min
Response: 408176
Conc: 2.55 ng/ml



#40 AR-1262-5

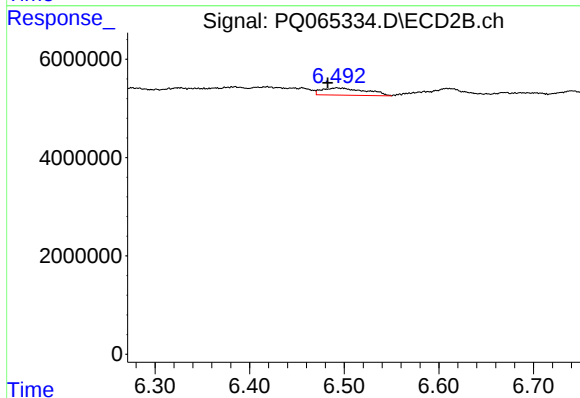
R.T.: 7.035 min
Delta R.T.: -0.004 min
Response: 141232
Conc: 0.34 ng/ml



#41 AR-1268-1

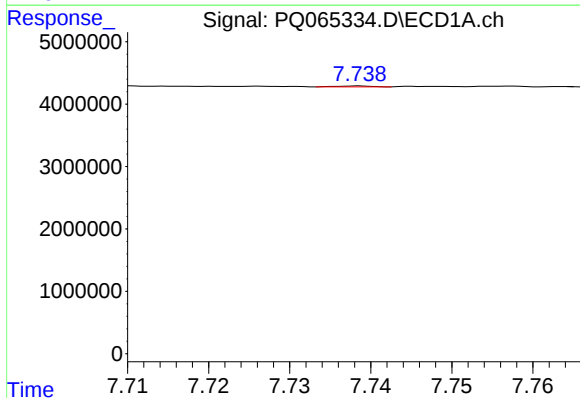
R.T.: 0.000 min
Exp R.T.: 7.615 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SP-4



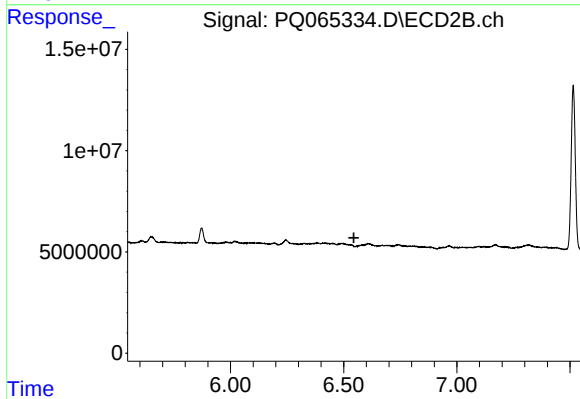
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: 0.010 min
Response: 4693589
Conc: 3.75 ng/ml



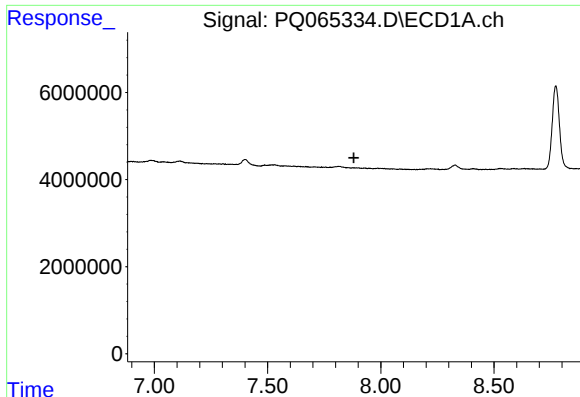
#42 AR-1268-2

R.T.: 7.738 min
Delta R.T.: 0.042 min
Response: 42368
Conc: 0.10 ng/ml



#42 AR-1268-2

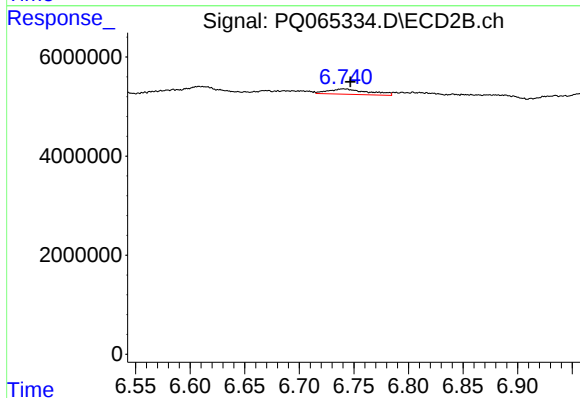
R.T.: 0.000 min
Exp R.T.: 6.545 min
Response: 0
Conc: N.D.



#43 AR-1268-3

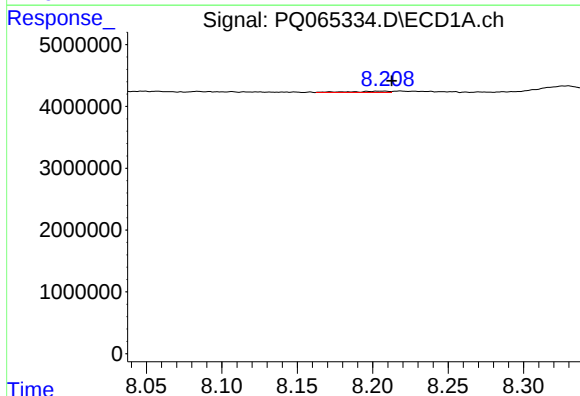
R.T.: 0.000 min
Exp R.T.: 7.881 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SP-4



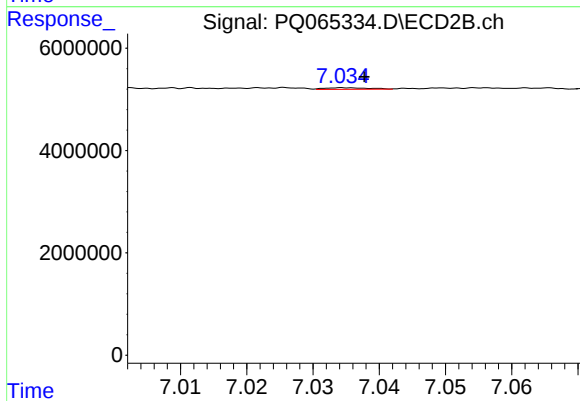
#43 AR-1268-3

R.T.: 6.740 min
Delta R.T.: -0.006 min
Response: 2684216
Conc: 2.72 ng/ml



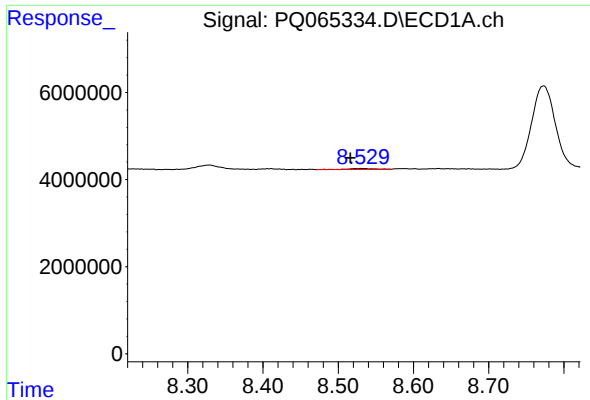
#44 AR-1268-4

R.T.: 8.208 min
Delta R.T.: -0.005 min
Response: 346435
Conc: 2.13 ng/ml



#44 AR-1268-4

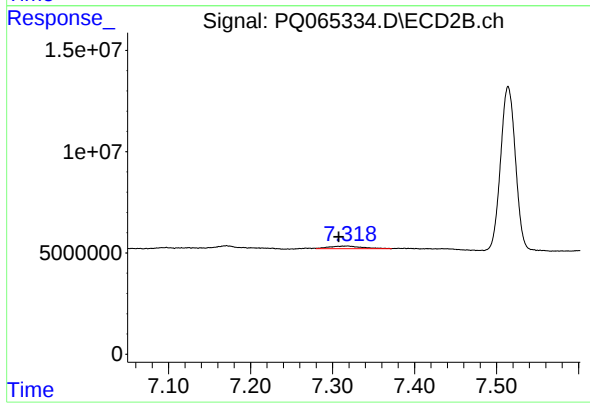
R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 141232
Conc: 0.32 ng/ml



#45 AR-1268-5

R.T.: 8.523 min
Delta R.T.: 0.007 min
Response: 497448
Conc: 0.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SP-4



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.011 min
Response: 3705301
Conc: 1.25 ng/ml