

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
 Data File : PQ040334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 00:42
 Operator : SM\AJ
 Sample : K3017-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 A51G1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:48:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.593	4.733	62229092	46056236	18.996	21.444
2)	SA Decachlor...	11.894	10.447	208.7E6	122.4E6	29.211	29.425
Target Compounds							
3)	L1 AR-1016-1	7.071	6.195	2184672	6175995	13.059	48.145 #
4)	L1 AR-1016-2	7.071	6.195	2184672	6175995	8.310	31.998 #
5)	L1 AR-1016-3	7.132	6.425	12344807	2143065	72.328	19.871 #
6)	L1 AR-1016-4	7.293	6.489	6185091	4390004	44.747	51.557
7)	L1 AR-1016-5	0.000	6.755	0	434995	N.D.	3.778 #
8)	L2 AR-1221-1	5.928	5.072	1290318	590021	36.821	24.076 #
9)	L2 AR-1221-2	5.988	5.151	2706774	1633829	122.857	100.310
10)	L2 AR-1221-3	6.089	5.203	475228	1250712	5.379	20.569 #
11)	L3 AR-1232-1	6.089	5.203	475228	1250712	7.337	27.294 #
12)	L3 AR-1232-2	6.718	6.195	7825038	6175995	197.365	102.956 #
13)	L3 AR-1232-3	7.071	6.425	2184672	2143065	27.034	60.938 #
14)	L3 AR-1232-4	7.293	6.489	6185091	4390004	147.974	148.571
15)	L3 AR-1232-5	7.401	6.755	9087470	434995	286.739	14.450 #
16)	L4 AR-1242-1	7.071	6.195	2184672	6175995	22.533	83.518 #
17)	L4 AR-1242-2	7.071	6.195	2184672	6175995	15.117	58.013 #
18)	L4 AR-1242-3	7.132	6.425	12344807	2143065	132.611	35.526 #
19)	L4 AR-1242-4	7.293	6.489	6185091	4390004	82.237	73.657
20)	L4 AR-1242-5	8.039	7.159	4401487	3764161	50.771	46.708
21)	L5 AR-1248-1	7.071	6.195	2184672	6175995	28.225	107.179 #
22)	L5 AR-1248-2	7.401	6.489	9087470	4390004	80.683	49.932 #
23)	L5 AR-1248-3	0.000	6.489	0	4390004	N.D.	48.517 #
24)	L5 AR-1248-4	8.039	6.755	4401487	434995	29.155	3.939 #
25)	L5 AR-1248-5	8.039	7.159	4401487	3764161	29.234	33.154
26)	L6 AR-1254-1	8.039	7.159	4401487	3764161	25.239	19.653
27)	L6 AR-1254-2	0.000	7.292	0	568562	N.D.	3.273 #
28)	L6 AR-1254-3	0.000	7.744	0	456002	N.D.	1.578 #
29)	L6 AR-1254-4	0.000	7.965	0	1466226	N.D.	8.212 #
30)	L6 AR-1254-5	9.369	8.433	1406190	474692	4.883	1.843 #
31)	L7 AR-1260-1	8.832	7.888	1985608	1125031	5.973	4.104 #
32)	L7 AR-1260-2	9.054	8.069	807033	1341050	1.998	3.877 #
33)	L7 AR-1260-3	9.470	8.255	758558	703201	2.299	2.193
34)	L7 AR-1260-4	0.000	8.752	0	1071188	N.D.	3.942 #
35)	L7 AR-1260-5	0.000	8.996	0	884108	N.D.	1.315 #
36)	L8 AR-1262-1	9.470	8.517	758558	823612	5.457	7.254 #
37)	L8 AR-1262-2	0.000	8.996	0	884108	N.D.	1.782 #
38)	L8 AR-1262-3	0.000	9.359	0	2148424	N.D.	10.218 #
39)	L8 AR-1262-4	10.481	9.359	1221102	2148424	3.233	5.674 #
40)	L8 AR-1262-5	11.150	9.898	1256080	360510	5.346	2.224 #
41)	L9 AR-1268-1	0.000	9.359	0	2148424	N.D.	4.708 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
Data File : PQ040334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2019 00:42
Operator : SM\AJ
Sample : K3017-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

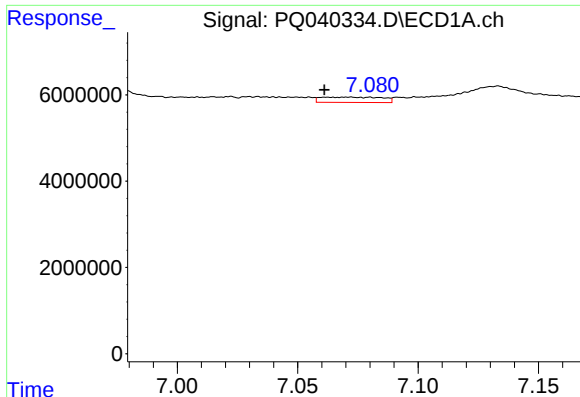
Instrument :
ECD_Q
ClientSampleId :
A51G1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 01:48:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	10.481	9.359	1221102	2148424	1.985	4.914 #
43)	L9 AR-1268-3	0.000	9.560	0	529562	N.D.	1.411 #
44)	L9 AR-1268-4	11.150	9.898	1256080	360510	6.158	2.616 #
45)	L9 AR-1268-5	11.549	10.182	2889494	1681367	1.564	1.425

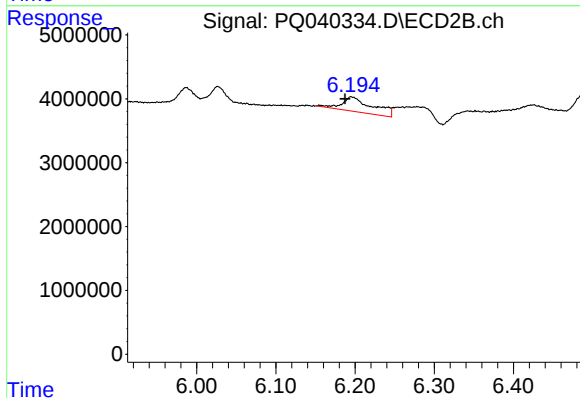
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

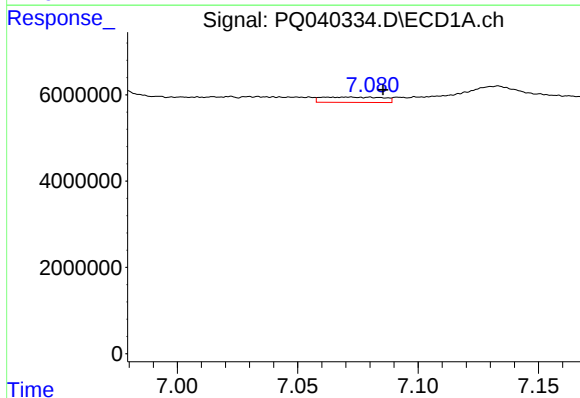
R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 2184672
Conc: 13.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



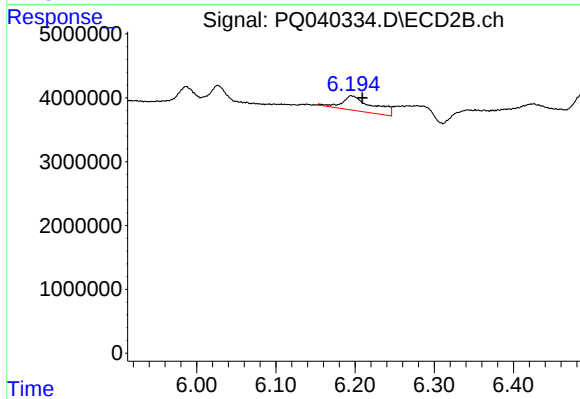
#3 AR-1016-1

R.T.: 6.195 min
Delta R.T.: 0.008 min
Response: 6175995
Conc: 48.15 ng/ml



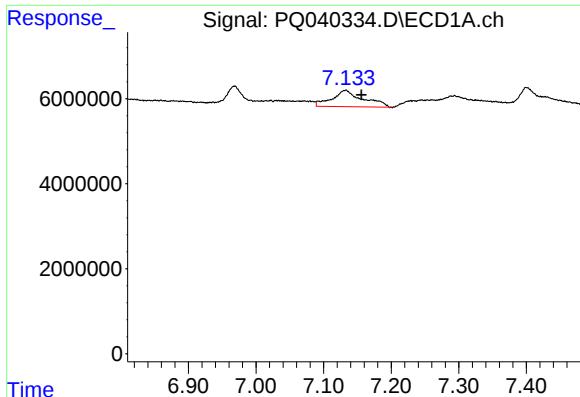
#4 AR-1016-2

R.T.: 7.071 min
Delta R.T.: -0.015 min
Response: 2184672
Conc: 8.31 ng/ml



#4 AR-1016-2

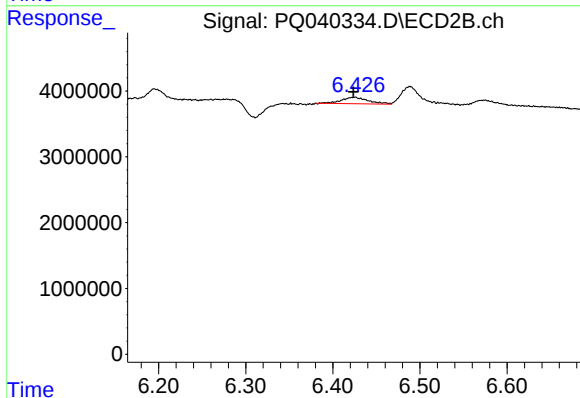
R.T.: 6.195 min
Delta R.T.: -0.014 min
Response: 6175995
Conc: 32.00 ng/ml



#5 AR-1016-3

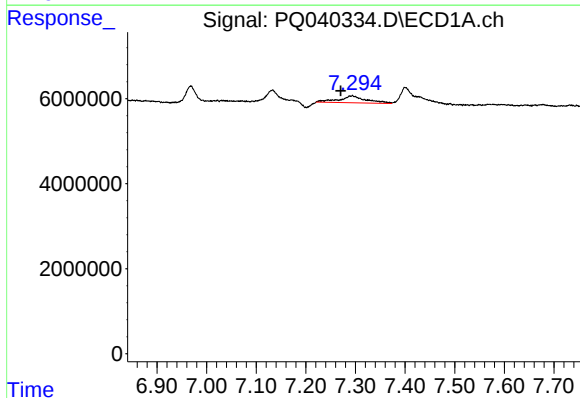
R.T.: 7.132 min
Delta R.T.: -0.024 min
Response: 12344807
Conc: 72.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



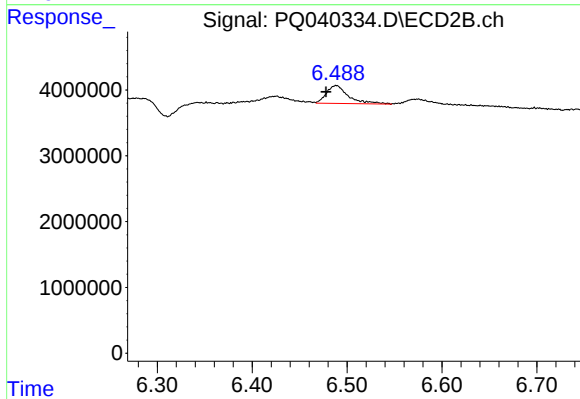
#5 AR-1016-3

R.T.: 6.425 min
Delta R.T.: 0.002 min
Response: 2143065
Conc: 19.87 ng/ml



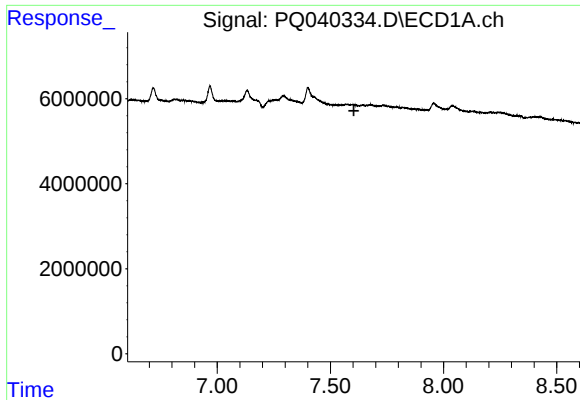
#6 AR-1016-4

R.T.: 7.293 min
Delta R.T.: 0.022 min
Response: 6185091
Conc: 44.75 ng/ml



#6 AR-1016-4

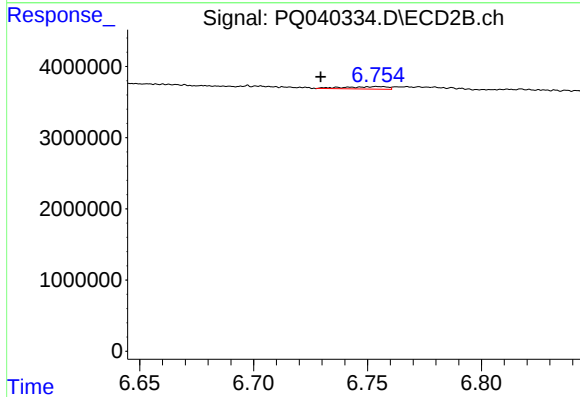
R.T.: 6.489 min
Delta R.T.: 0.011 min
Response: 4390004
Conc: 51.56 ng/ml



#7 AR-1016-5

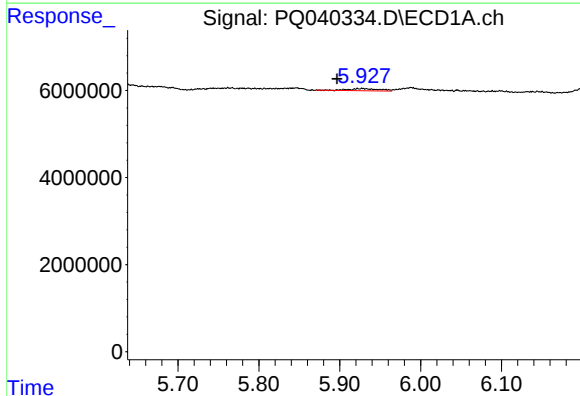
R.T.: 0.000 min
Exp R.T.: 7.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G1



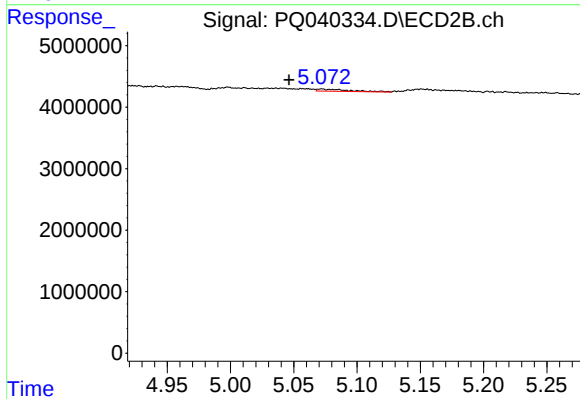
#7 AR-1016-5

R.T.: 6.755 min
Delta R.T.: 0.025 min
Response: 434995
Conc: 3.78 ng/ml



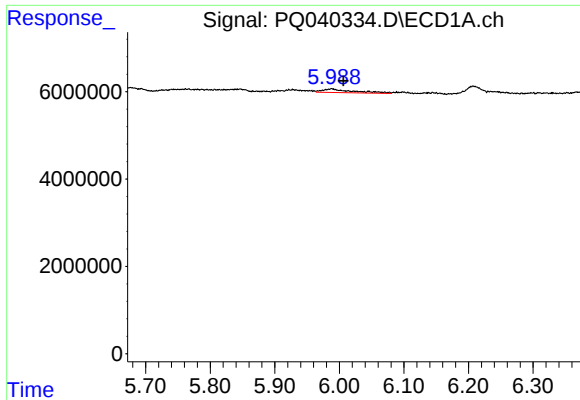
#8 AR-1221-1

R.T.: 5.928 min
Delta R.T.: 0.031 min
Response: 1290318
Conc: 36.82 ng/ml



#8 AR-1221-1

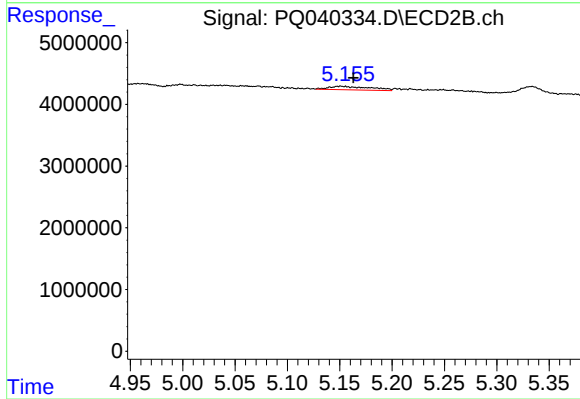
R.T.: 5.072 min
Delta R.T.: 0.026 min
Response: 590021
Conc: 24.08 ng/ml



#9 AR-1221-2

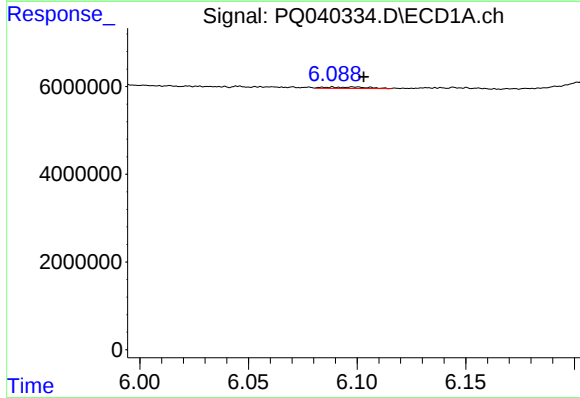
R.T.: 5.988 min
Delta R.T.: -0.018 min
Response: 2706774
Conc: 122.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



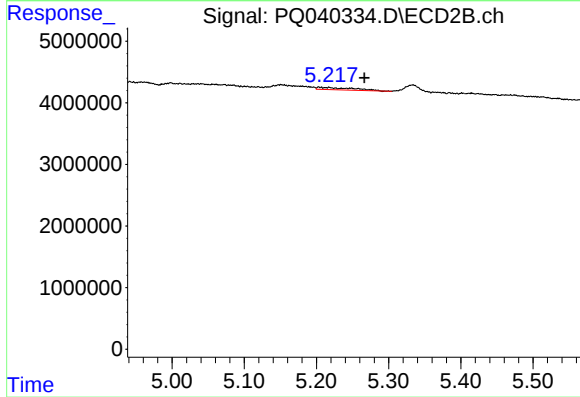
#9 AR-1221-2

R.T.: 5.151 min
Delta R.T.: -0.012 min
Response: 1633829
Conc: 100.31 ng/ml



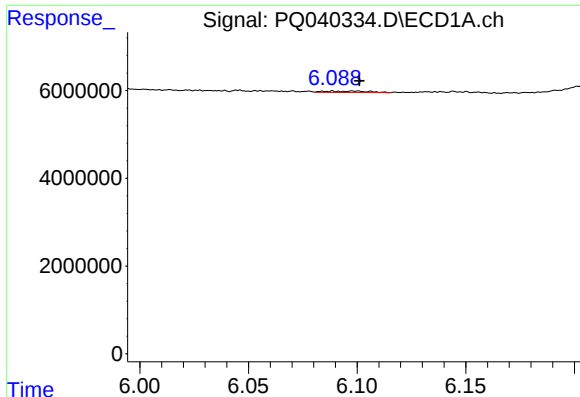
#10 AR-1221-3

R.T.: 6.089 min
Delta R.T.: -0.014 min
Response: 475228
Conc: 5.38 ng/ml



#10 AR-1221-3

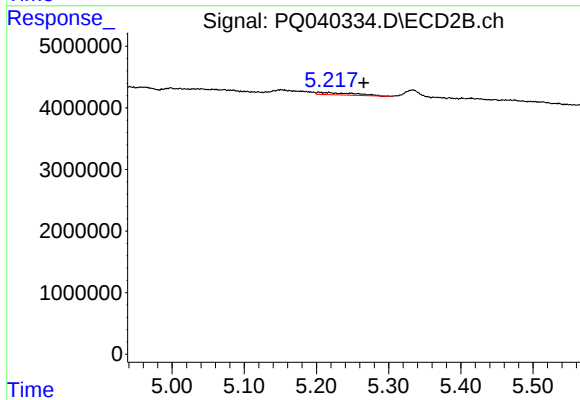
R.T.: 5.203 min
Delta R.T.: -0.063 min
Response: 1250712
Conc: 20.57 ng/ml



#11 AR-1232-1

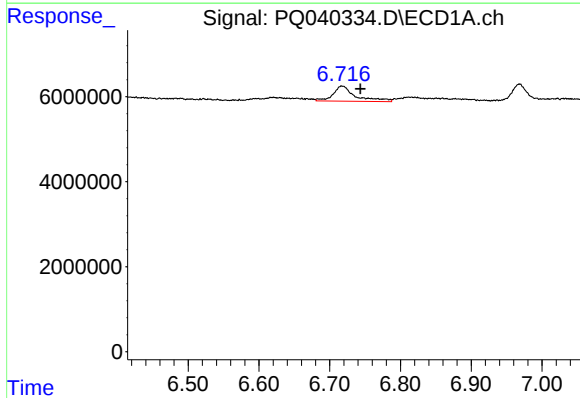
R.T.: 6.089 min
Delta R.T.: -0.012 min
Response: 475228
Conc: 7.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



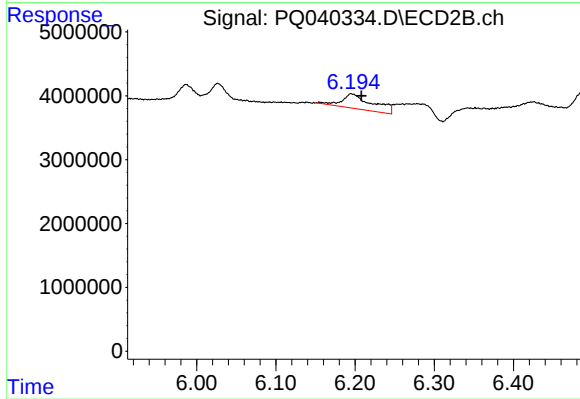
#11 AR-1232-1

R.T.: 5.203 min
Delta R.T.: -0.062 min
Response: 1250712
Conc: 27.29 ng/ml



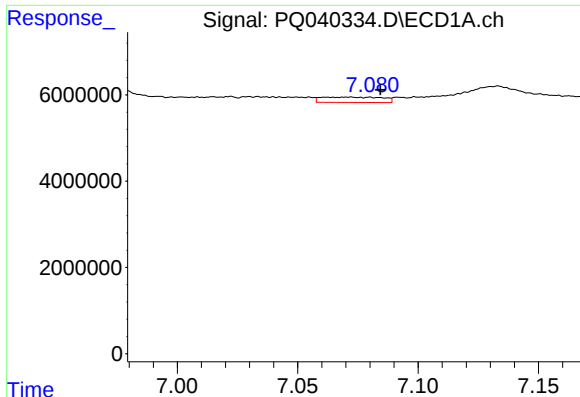
#12 AR-1232-2

R.T.: 6.718 min
Delta R.T.: -0.026 min
Response: 7825038
Conc: 197.36 ng/ml



#12 AR-1232-2

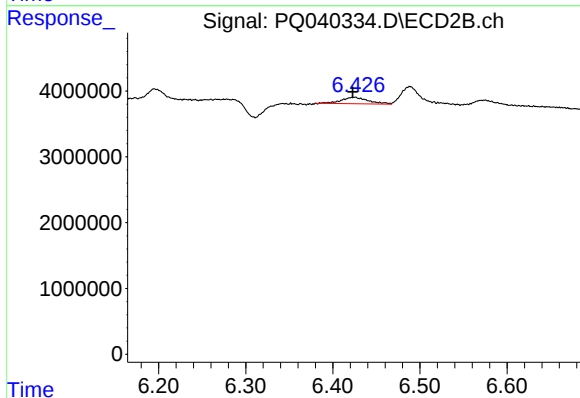
R.T.: 6.195 min
Delta R.T.: -0.013 min
Response: 6175995
Conc: 102.96 ng/ml



#13 AR-1232-3

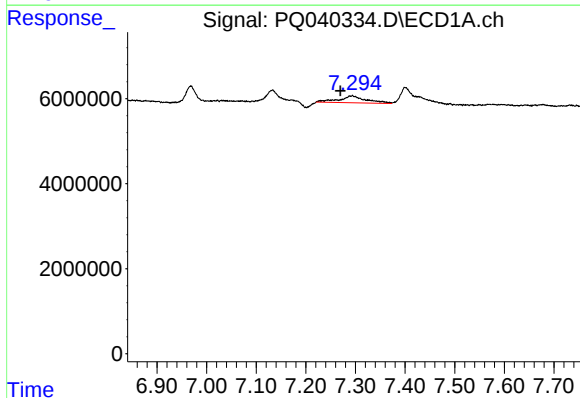
R.T.: 7.071 min
Delta R.T.: -0.014 min
Response: 2184672
Conc: 27.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



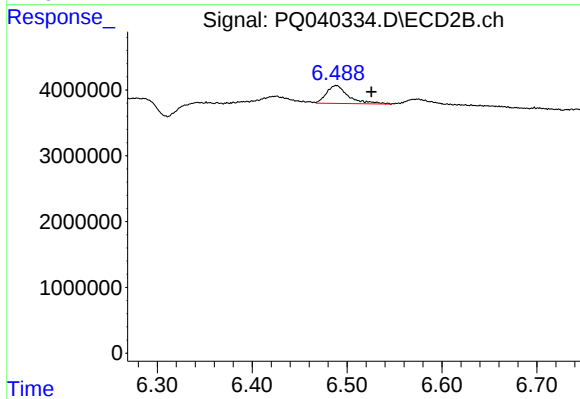
#13 AR-1232-3

R.T.: 6.425 min
Delta R.T.: 0.002 min
Response: 2143065
Conc: 60.94 ng/ml



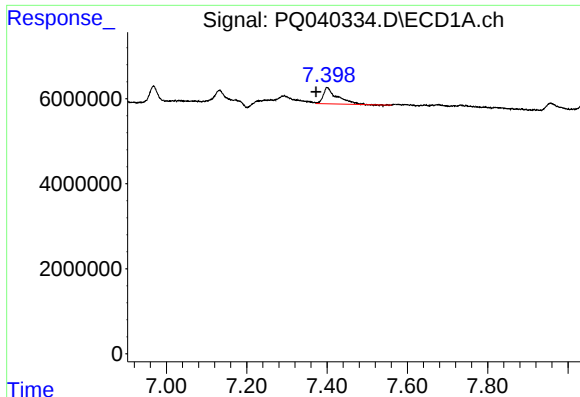
#14 AR-1232-4

R.T.: 7.293 min
Delta R.T.: 0.023 min
Response: 6185091
Conc: 147.97 ng/ml



#14 AR-1232-4

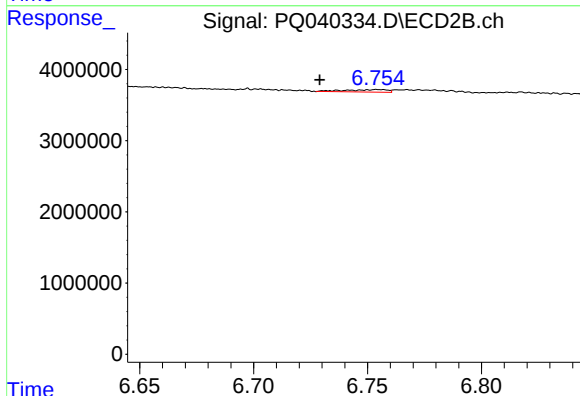
R.T.: 6.489 min
Delta R.T.: -0.037 min
Response: 4390004
Conc: 148.57 ng/ml



#15 AR-1232-5

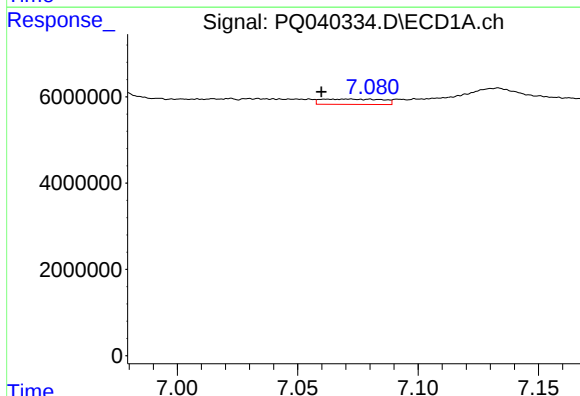
R.T.: 7.401 min
Delta R.T.: 0.029 min
Response: 9087470
Conc: 286.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



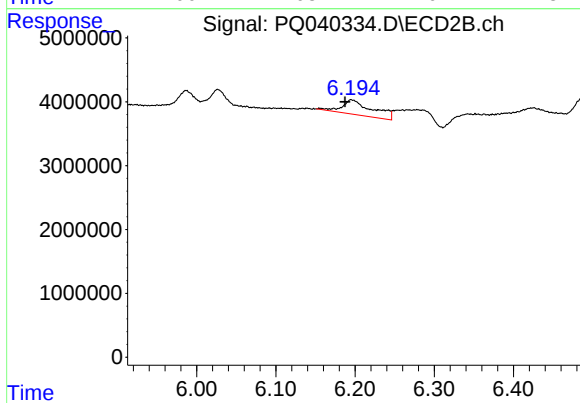
#15 AR-1232-5

R.T.: 6.755 min
Delta R.T.: 0.026 min
Response: 434995
Conc: 14.45 ng/ml



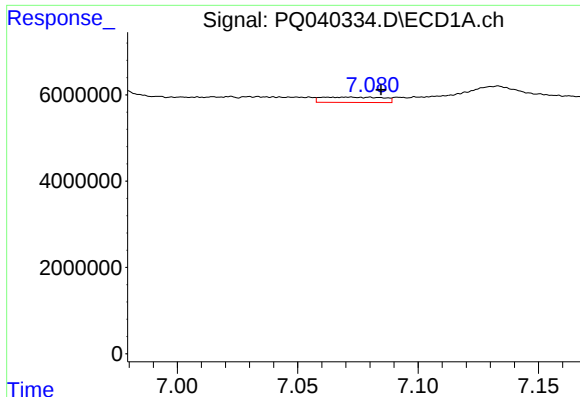
#16 AR-1242-1

R.T.: 7.071 min
Delta R.T.: 0.011 min
Response: 2184672
Conc: 22.53 ng/ml



#16 AR-1242-1

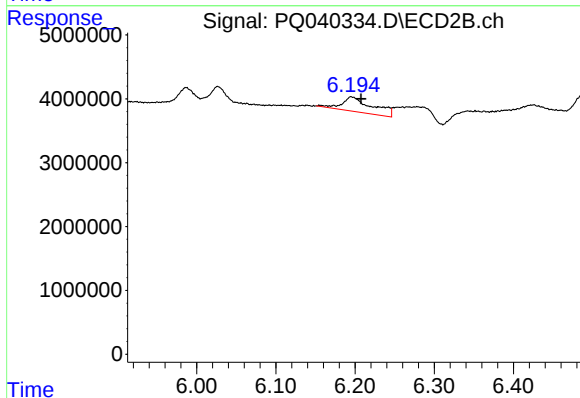
R.T.: 6.195 min
Delta R.T.: 0.008 min
Response: 6175995
Conc: 83.52 ng/ml



#17 AR-1242-2

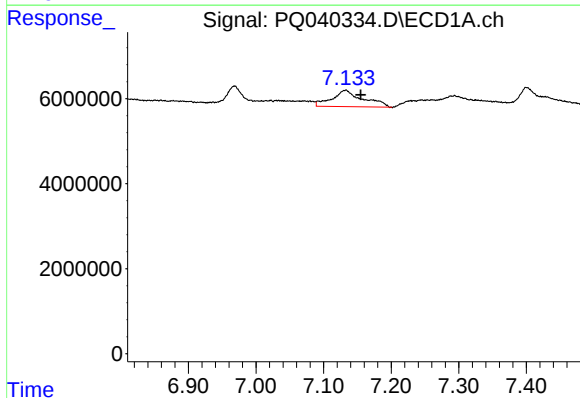
R.T.: 7.071 min
Delta R.T.: -0.014 min
Response: 2184672
Conc: 15.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



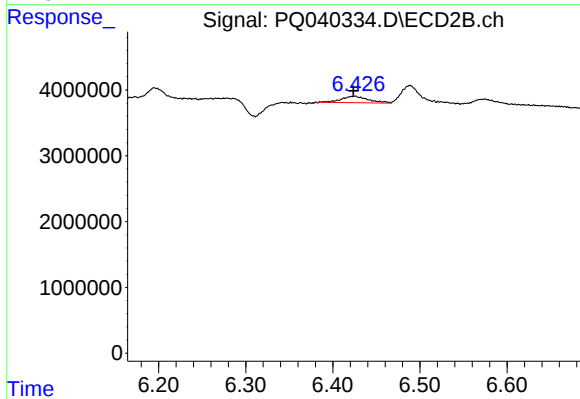
#17 AR-1242-2

R.T.: 6.195 min
Delta R.T.: -0.012 min
Response: 6175995
Conc: 58.01 ng/ml



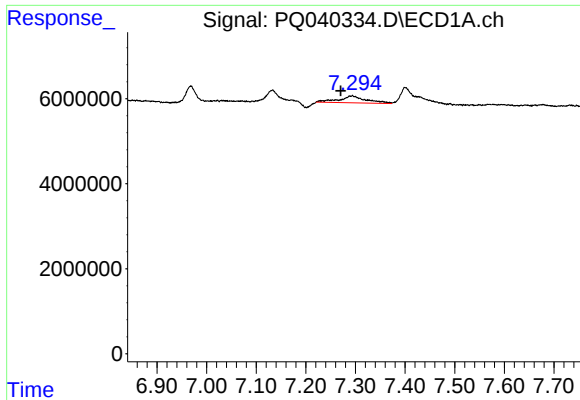
#18 AR-1242-3

R.T.: 7.132 min
Delta R.T.: -0.023 min
Response: 12344807
Conc: 132.61 ng/ml



#18 AR-1242-3

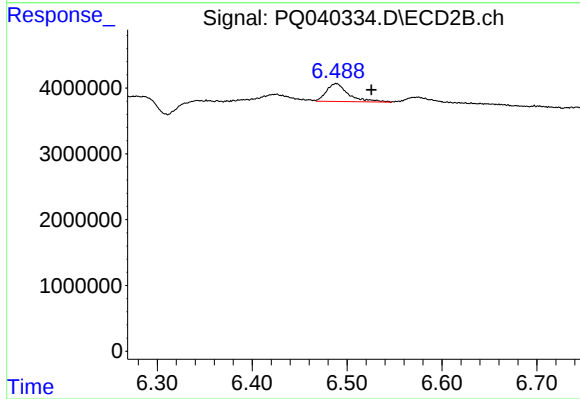
R.T.: 6.425 min
Delta R.T.: 0.002 min
Response: 2143065
Conc: 35.53 ng/ml



#19 AR-1242-4

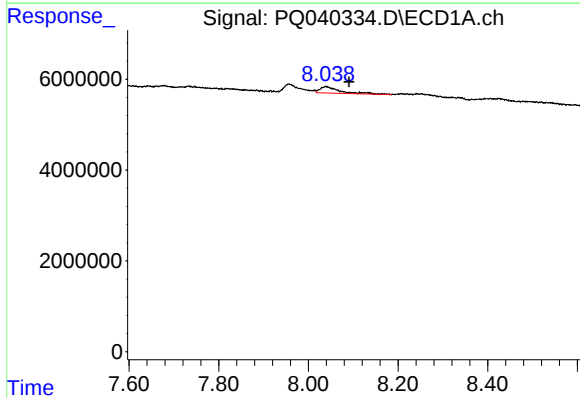
R.T.: 7.293 min
Delta R.T.: 0.023 min
Response: 6185091
Conc: 82.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



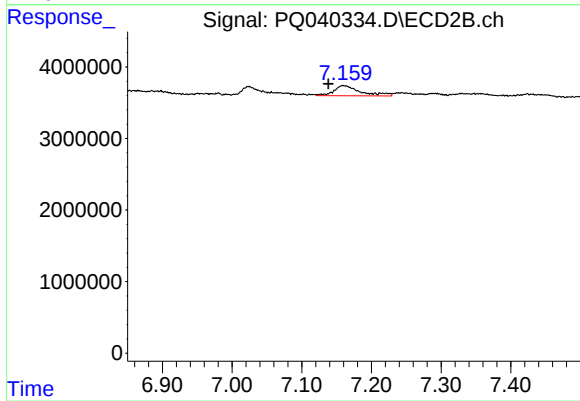
#19 AR-1242-4

R.T.: 6.489 min
Delta R.T.: -0.037 min
Response: 4390004
Conc: 73.66 ng/ml



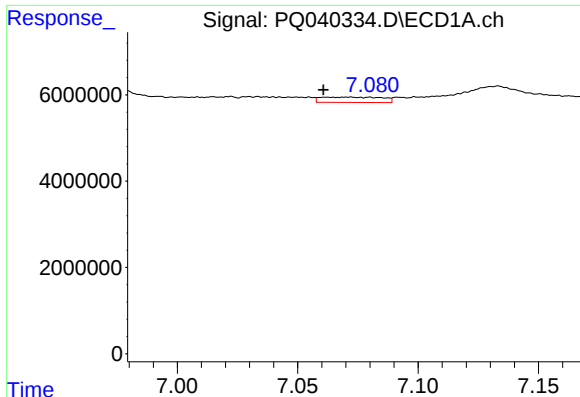
#20 AR-1242-5

R.T.: 8.039 min
Delta R.T.: -0.051 min
Response: 4401487
Conc: 50.77 ng/ml



#20 AR-1242-5

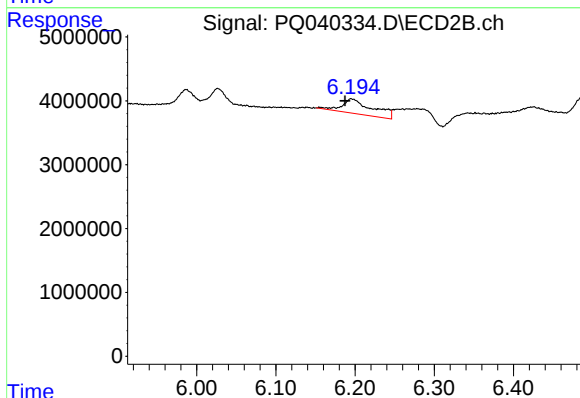
R.T.: 7.159 min
Delta R.T.: 0.021 min
Response: 3764161
Conc: 46.71 ng/ml



#21 AR-1248-1

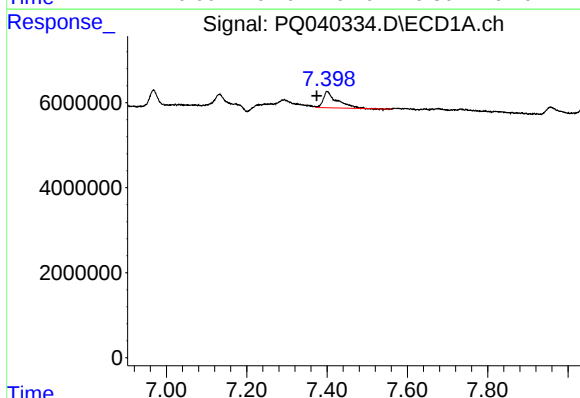
R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 2184672
Conc: 28.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



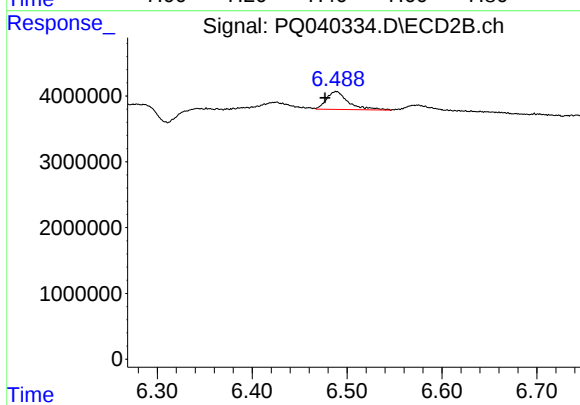
#21 AR-1248-1

R.T.: 6.195 min
Delta R.T.: 0.008 min
Response: 6175995
Conc: 107.18 ng/ml



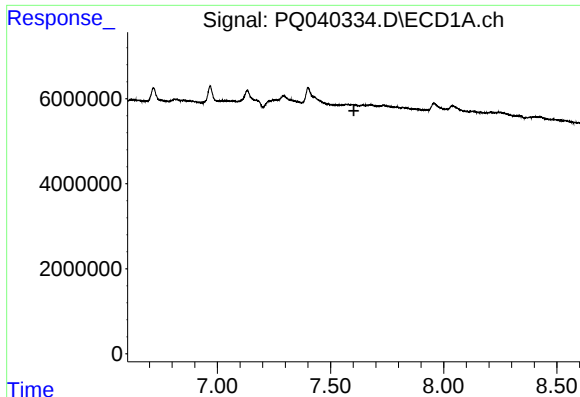
#22 AR-1248-2

R.T.: 7.401 min
Delta R.T.: 0.027 min
Response: 9087470
Conc: 80.68 ng/ml



#22 AR-1248-2

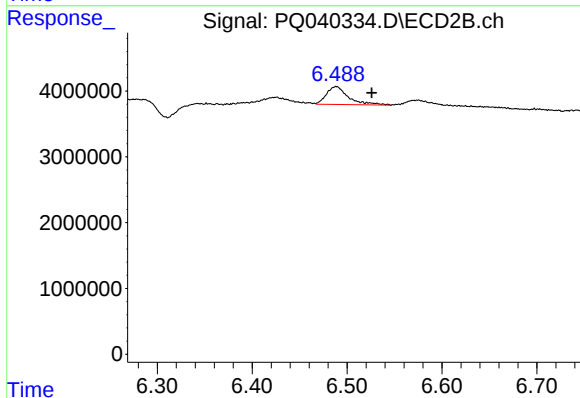
R.T.: 6.489 min
Delta R.T.: 0.012 min
Response: 4390004
Conc: 49.93 ng/ml



#23 AR-1248-3

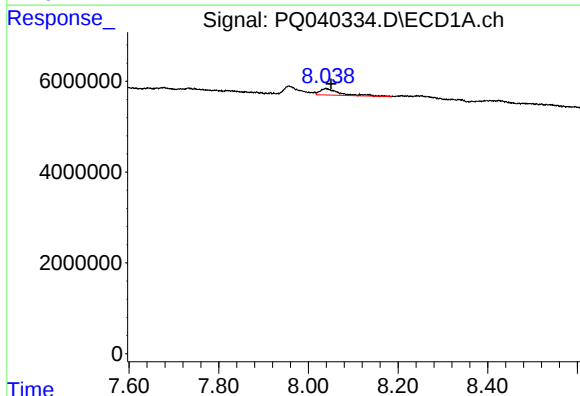
R.T.: 0.000 min
Exp R.T.: 7.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G1



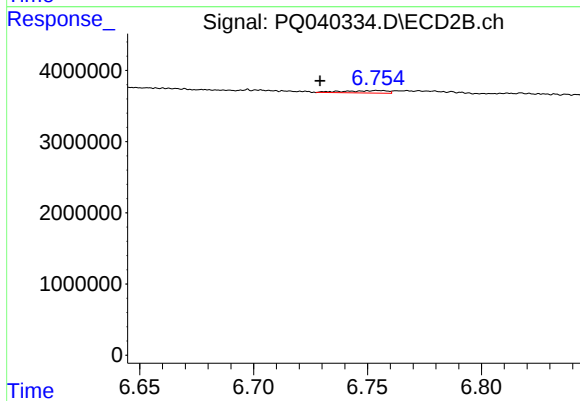
#23 AR-1248-3

R.T.: 6.489 min
Delta R.T.: -0.038 min
Response: 4390004
Conc: 48.52 ng/ml



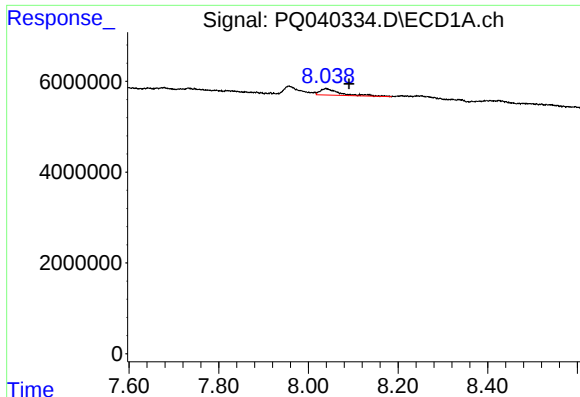
#24 AR-1248-4

R.T.: 8.039 min
Delta R.T.: -0.011 min
Response: 4401487
Conc: 29.15 ng/ml



#24 AR-1248-4

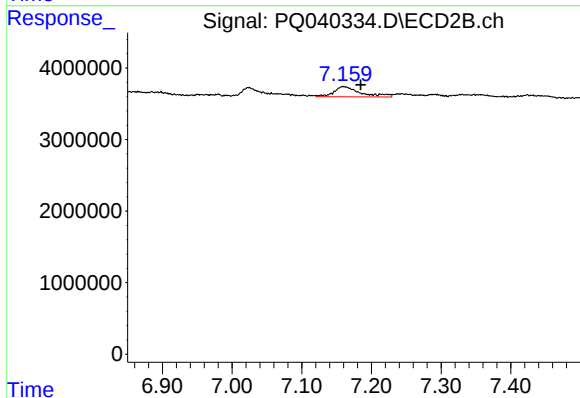
R.T.: 6.755 min
Delta R.T.: 0.026 min
Response: 434995
Conc: 3.94 ng/ml



#25 AR-1248-5

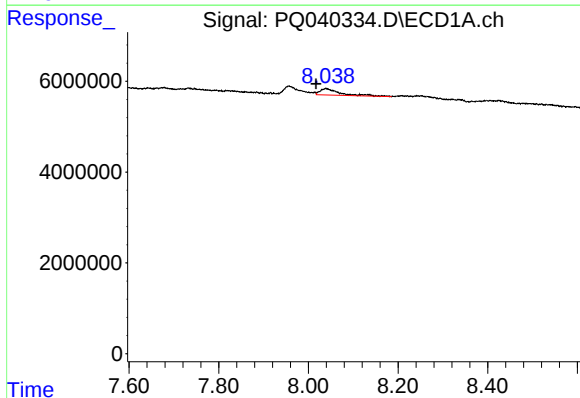
R.T.: 8.039 min
Delta R.T.: -0.052 min
Response: 4401487
Conc: 29.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



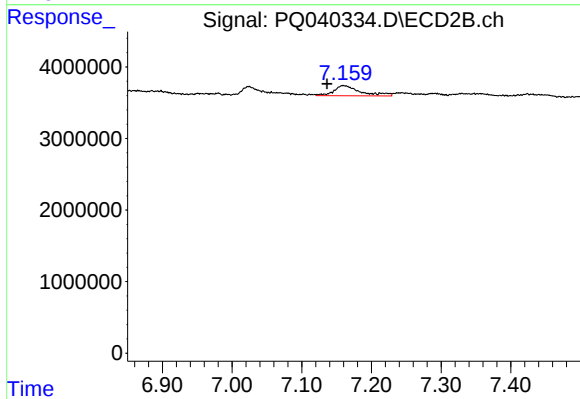
#25 AR-1248-5

R.T.: 7.159 min
Delta R.T.: -0.025 min
Response: 3764161
Conc: 33.15 ng/ml



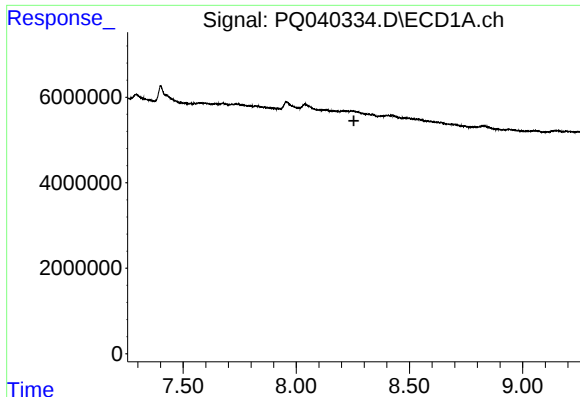
#26 AR-1254-1

R.T.: 8.039 min
Delta R.T.: 0.022 min
Response: 4401487
Conc: 25.24 ng/ml



#26 AR-1254-1

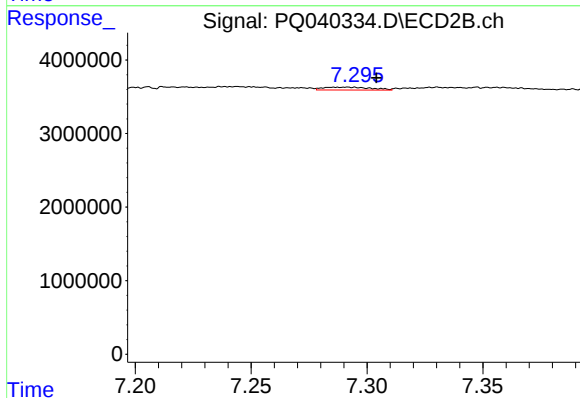
R.T.: 7.159 min
Delta R.T.: 0.023 min
Response: 3764161
Conc: 19.65 ng/ml



#27 AR-1254-2

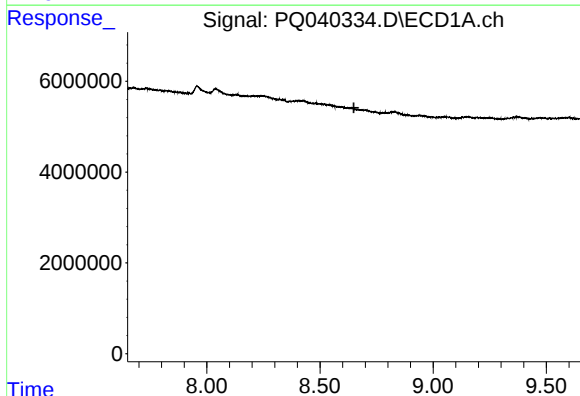
R.T.: 0.000 min
Exp R.T. : 8.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G1



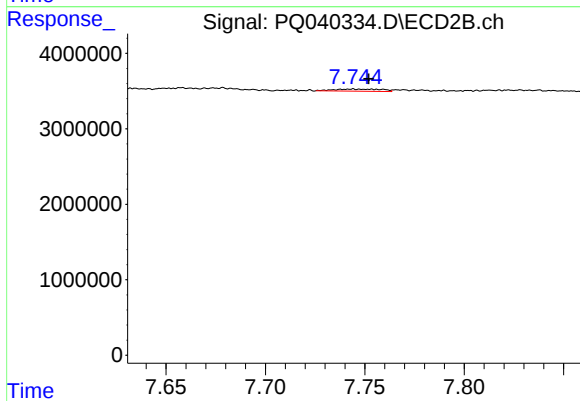
#27 AR-1254-2

R.T.: 7.292 min
Delta R.T.: -0.012 min
Response: 568562
Conc: 3.27 ng/ml



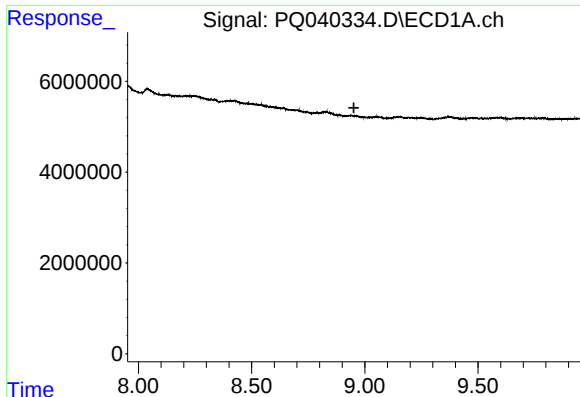
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.650 min
Response: 0
Conc: N.D.



#28 AR-1254-3

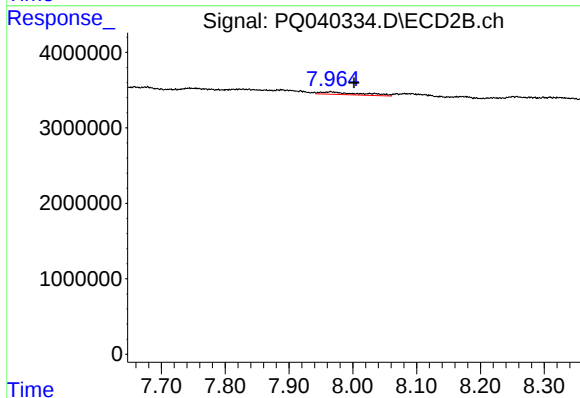
R.T.: 7.744 min
Delta R.T.: -0.008 min
Response: 456002
Conc: 1.58 ng/ml



#29 AR-1254-4

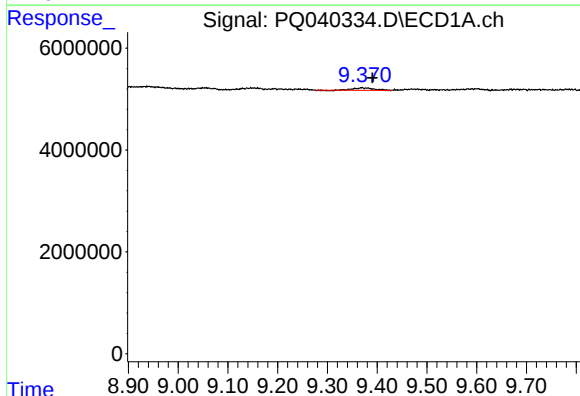
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G1



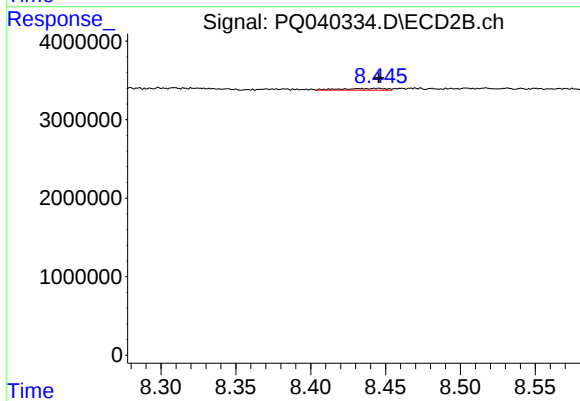
#29 AR-1254-4

R.T.: 7.965 min
Delta R.T.: -0.037 min
Response: 1466226
Conc: 8.21 ng/ml



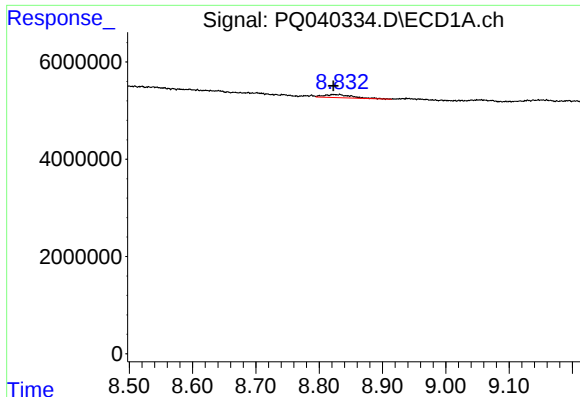
#30 AR-1254-5

R.T.: 9.369 min
Delta R.T.: -0.021 min
Response: 1406190
Conc: 4.88 ng/ml



#30 AR-1254-5

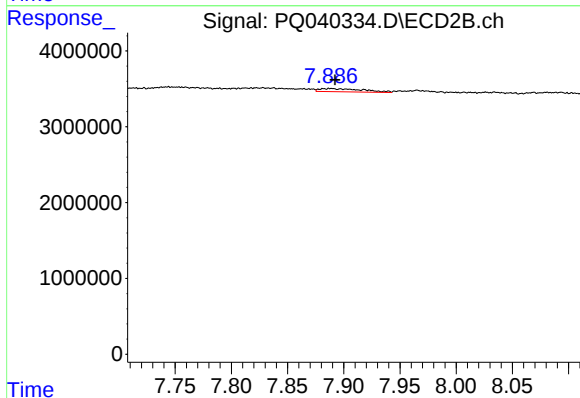
R.T.: 8.433 min
Delta R.T.: -0.012 min
Response: 474692
Conc: 1.84 ng/ml



#31 AR-1260-1

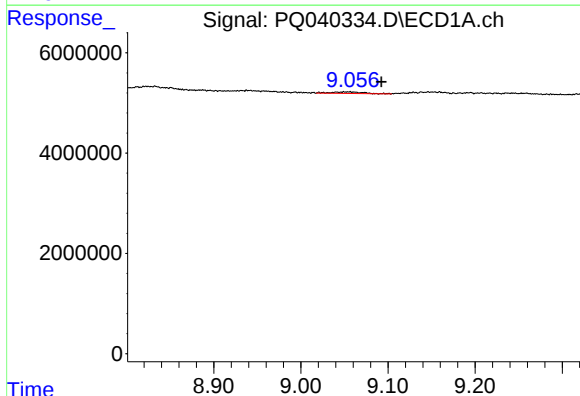
R.T.: 8.832 min
Delta R.T.: 0.009 min
Response: 1985608
Conc: 5.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



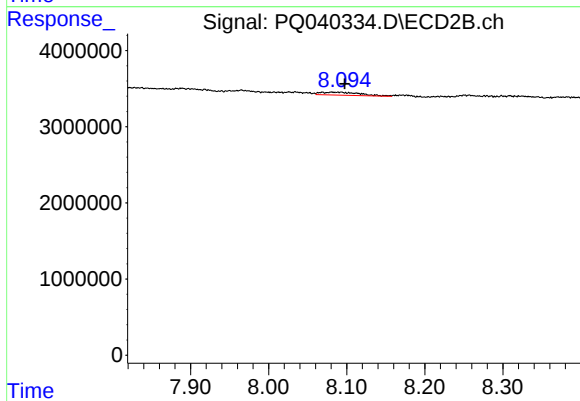
#31 AR-1260-1

R.T.: 7.888 min
Delta R.T.: -0.005 min
Response: 1125031
Conc: 4.10 ng/ml



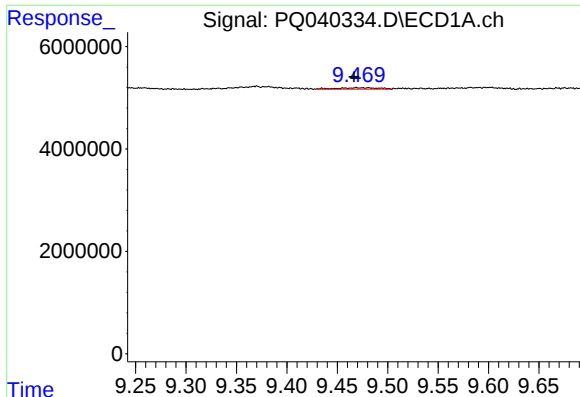
#32 AR-1260-2

R.T.: 9.054 min
Delta R.T.: -0.039 min
Response: 807033
Conc: 2.00 ng/ml



#32 AR-1260-2

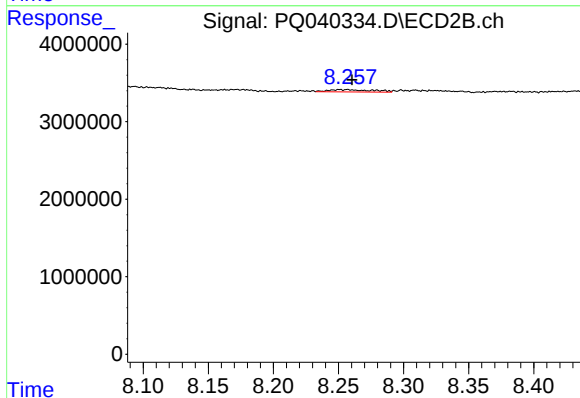
R.T.: 8.069 min
Delta R.T.: -0.029 min
Response: 1341050
Conc: 3.88 ng/ml



#33 AR-1260-3

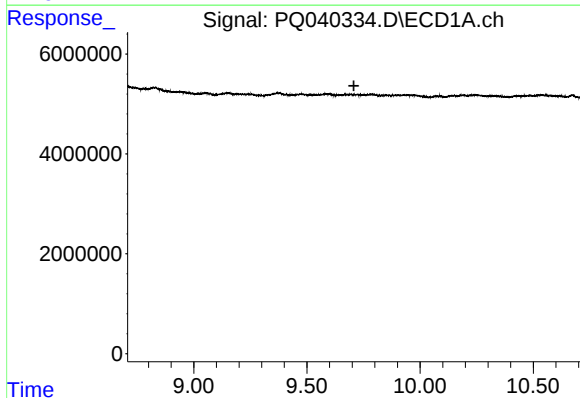
R.T.: 9.470 min
Delta R.T.: 0.003 min
Response: 758558
Conc: 2.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



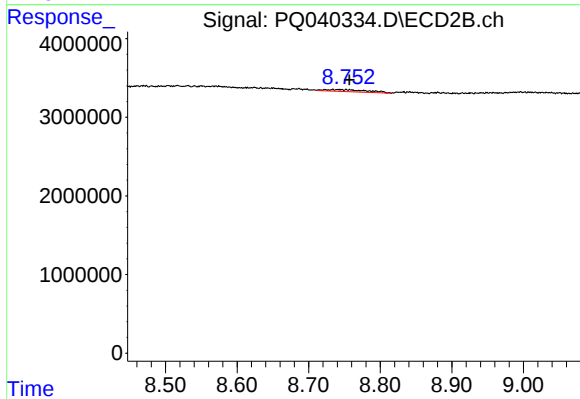
#33 AR-1260-3

R.T.: 8.255 min
Delta R.T.: -0.005 min
Response: 703201
Conc: 2.19 ng/ml



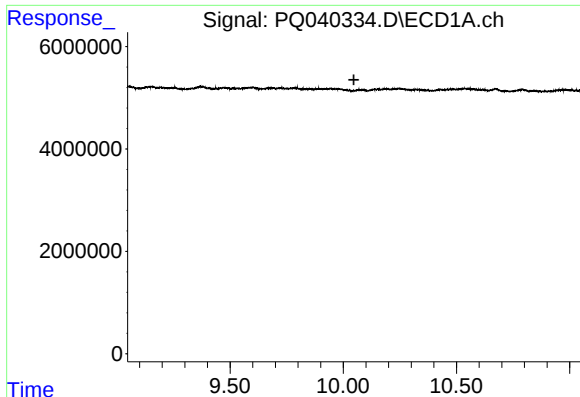
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

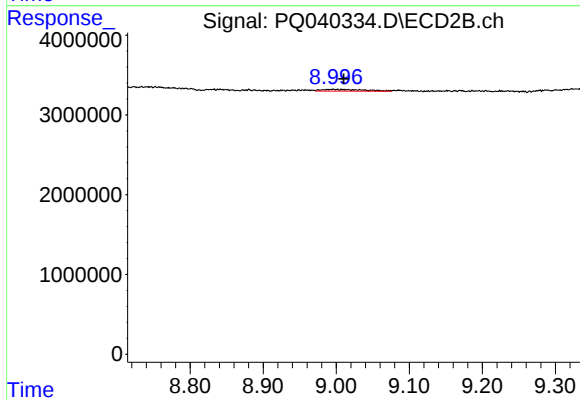
R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 1071188
Conc: 3.94 ng/ml



#35 AR-1260-5

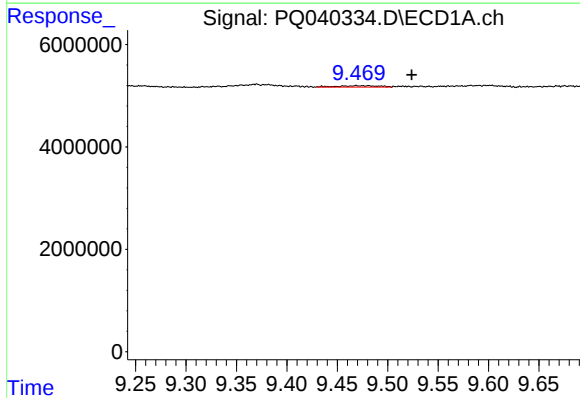
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G1



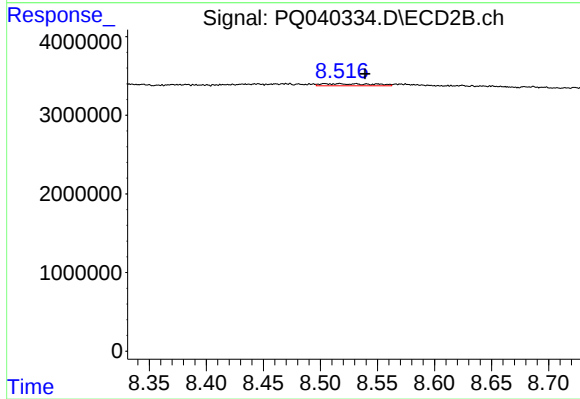
#35 AR-1260-5

R.T.: 8.996 min
Delta R.T.: -0.014 min
Response: 884108
Conc: 1.32 ng/ml



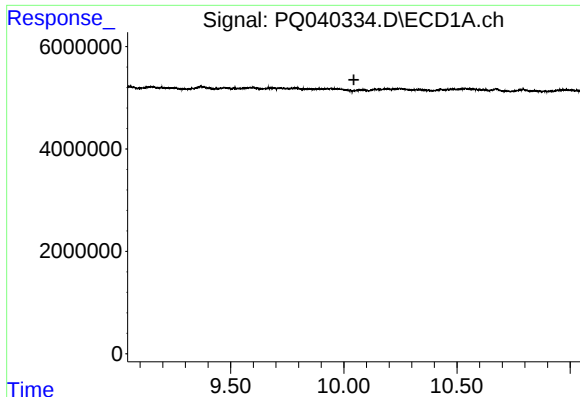
#36 AR-1262-1

R.T.: 9.470 min
Delta R.T.: -0.054 min
Response: 758558
Conc: 5.46 ng/ml



#36 AR-1262-1

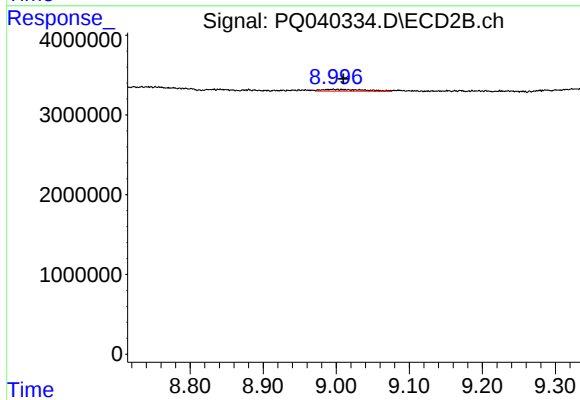
R.T.: 8.517 min
Delta R.T.: -0.022 min
Response: 823612
Conc: 7.25 ng/ml



#37 AR-1262-2

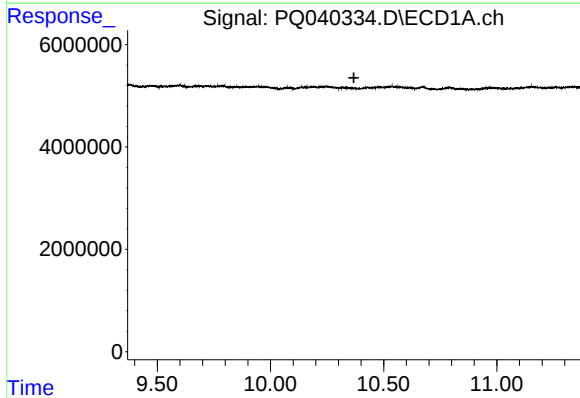
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G1



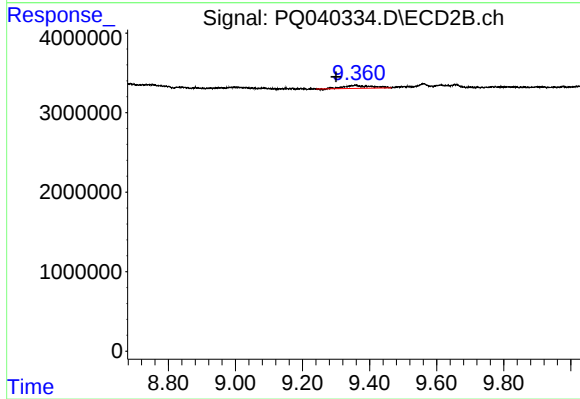
#37 AR-1262-2

R.T.: 8.996 min
Delta R.T.: -0.014 min
Response: 884108
Conc: 1.78 ng/ml



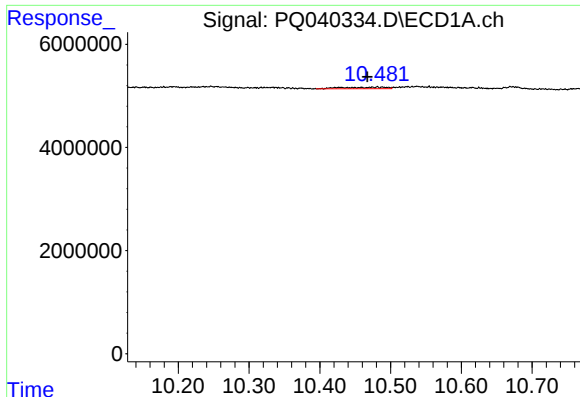
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

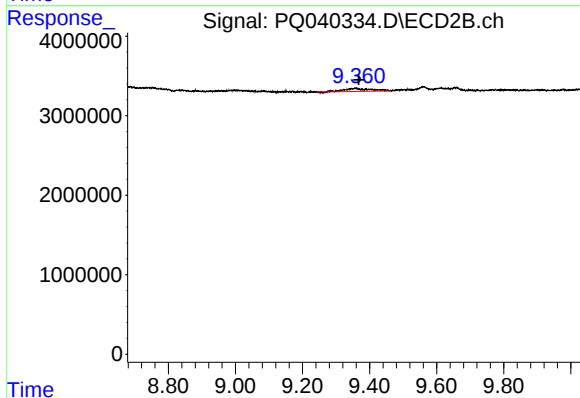
R.T.: 9.359 min
Delta R.T.: 0.059 min
Response: 2148424
Conc: 10.22 ng/ml



#39 AR-1262-4

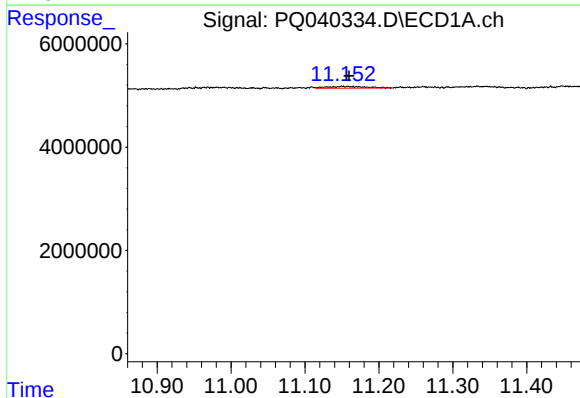
R.T.: 10.481 min
Delta R.T.: 0.014 min
Response: 1221102
Conc: 3.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



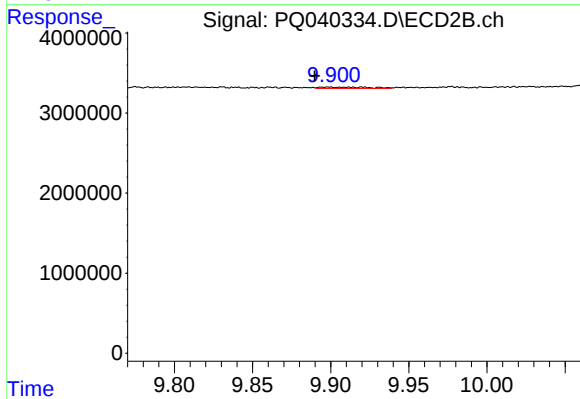
#39 AR-1262-4

R.T.: 9.359 min
Delta R.T.: -0.009 min
Response: 2148424
Conc: 5.67 ng/ml



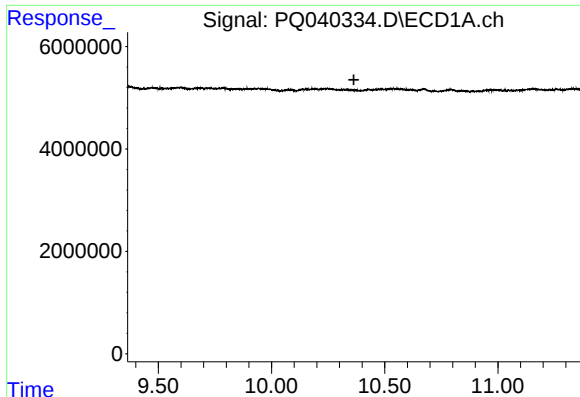
#40 AR-1262-5

R.T.: 11.150 min
Delta R.T.: -0.009 min
Response: 1256080
Conc: 5.35 ng/ml



#40 AR-1262-5

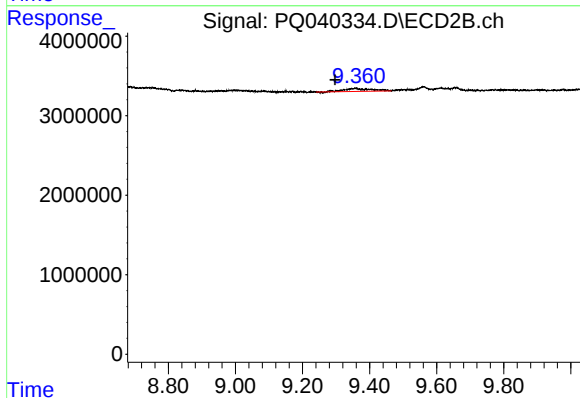
R.T.: 9.898 min
Delta R.T.: 0.008 min
Response: 360510
Conc: 2.22 ng/ml



#41 AR-1268-1

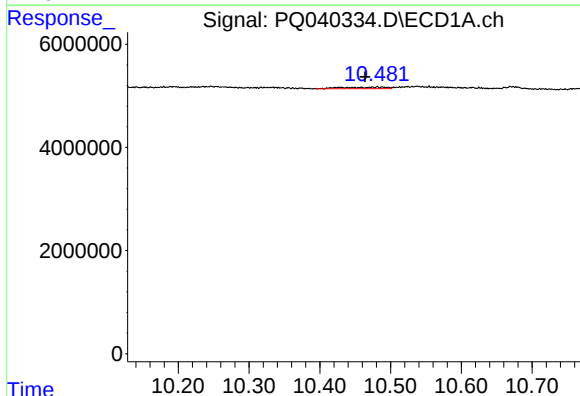
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G1



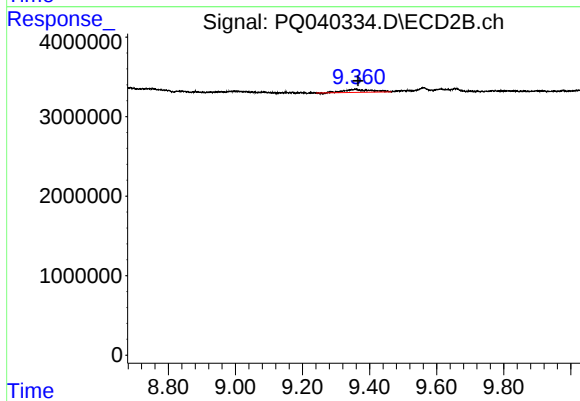
#41 AR-1268-1

R.T.: 9.359 min
Delta R.T.: 0.062 min
Response: 2148424
Conc: 4.71 ng/ml



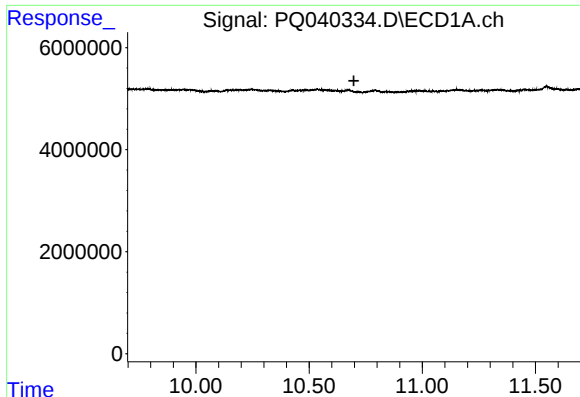
#42 AR-1268-2

R.T.: 10.481 min
Delta R.T.: 0.017 min
Response: 1221102
Conc: 1.98 ng/ml



#42 AR-1268-2

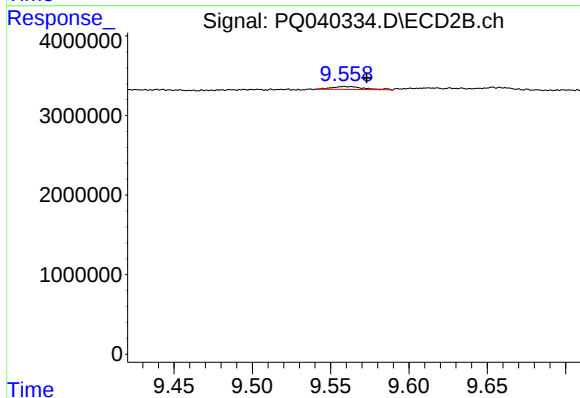
R.T.: 9.359 min
Delta R.T.: -0.006 min
Response: 2148424
Conc: 4.91 ng/ml



#43 AR-1268-3

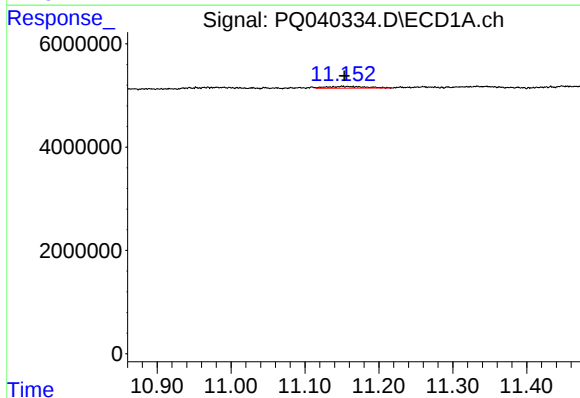
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A51G1



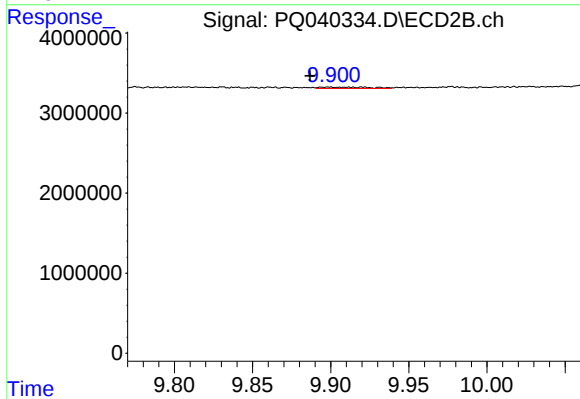
#43 AR-1268-3

R.T.: 9.560 min
Delta R.T.: -0.013 min
Response: 529562
Conc: 1.41 ng/ml



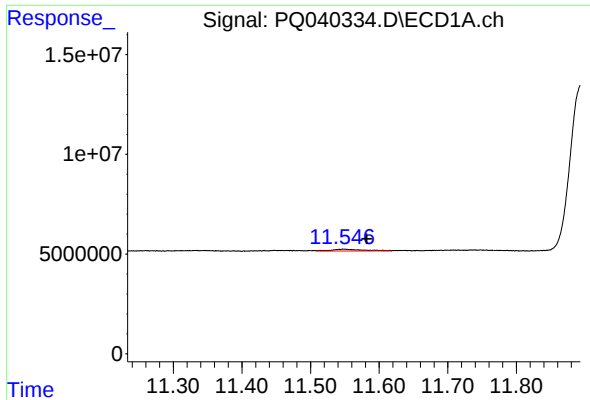
#44 AR-1268-4

R.T.: 11.150 min
Delta R.T.: -0.003 min
Response: 1256080
Conc: 6.16 ng/ml



#44 AR-1268-4

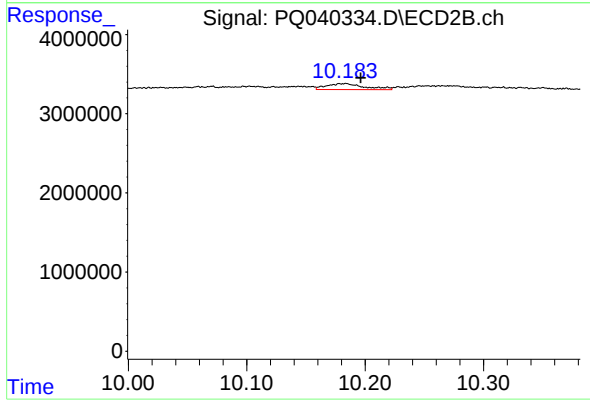
R.T.: 9.898 min
Delta R.T.: 0.011 min
Response: 360510
Conc: 2.62 ng/ml



#45 AR-1268-5

R.T.: 11.549 min
Delta R.T.: -0.033 min
Response: 2889494
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51G1



#45 AR-1268-5

R.T.: 10.182 min
Delta R.T.: -0.014 min
Response: 1681367
Conc: 1.42 ng/ml