

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
 Data File : PQ062010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2023 17:50
 Operator : YP\AJ
 Sample : 03530-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:16:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.412	2.771	47806177	29602506	9.800	11.798
2)	SA Decachlor...	8.584	7.530	70488992	54476192	19.404	16.349
Target Compounds							
3)	L1 AR-1016-1	4.526	3.768	293858	308431	1.784	3.116 #
4)	L1 AR-1016-2	4.526	3.768	293858	308431	1.188	2.139 #
5)	L1 AR-1016-3	4.593	3.973f	244418	411330	1.604	5.452 #
6)	L1 AR-1016-4	4.706f	3.973	362791	411330	2.894	6.263 #
7)	L1 AR-1016-5	4.971	4.173	289631	372190	2.380	4.540 #
8)	L2 AR-1221-1	3.595	0.000	456148	0	7.589	N.D. #
9)	L2 AR-1221-2	3.691	3.039	864555	527838	19.241	20.781
10)	L2 AR-1221-3	0.000	3.083	0	251232	N.D.	3.259 #
11)	L3 AR-1232-1	0.000	3.083	0	251232	N.D.	4.385 #
12)	L3 AR-1232-2	4.224	3.768	115864	308431	1.959	4.634 #
13)	L3 AR-1232-3	4.526	3.973f	293858	411330	2.599	11.904 #
14)	L3 AR-1232-4	4.706f	4.013	362791	1124961	6.402	37.827 #
15)	L3 AR-1232-5	4.777	4.173	832131	372190	20.777	10.437 #
16)	L4 AR-1242-1	4.526	3.768	293858	308431	2.248	3.988 #
17)	L4 AR-1242-2	4.526	3.768	293858	308431	1.514	2.775 #
18)	L4 AR-1242-3	4.593	3.973f	244418	411330	2.023	7.022 #
19)	L4 AR-1242-4	4.706f	4.013	362791	1124961	3.721	19.188 #
20)	L4 AR-1242-5	0.000	4.525	0	302941	N.D.	3.655 #
21)	L5 AR-1248-1	4.526	3.768	293858	308431	2.826	4.933 #
22)	L5 AR-1248-2	4.777	3.973	832131	411330	5.792	4.387
23)	L5 AR-1248-3	4.971	4.013	289631	1124961	1.667	12.425 #
24)	L5 AR-1248-4	5.318f	4.173	121786	372190	0.635	3.298 #
25)	L5 AR-1248-5	0.000	4.552	0	203419	N.D.	1.816 #
26)	L6 AR-1254-1	5.318	4.525	121786	302941	0.655	1.876 #
27)	L6 AR-1254-2	5.592f	4.644	920169	348889	3.165	2.370 #
28)	L6 AR-1254-3	5.880	5.036	325606	66473	1.060	0.284 #
29)	L6 AR-1254-4	0.000	5.268	0	73482	N.D.	0.482 #
30)	L6 AR-1254-5	6.614	5.662	164210	103378	0.639	0.448 #
31)	L7 AR-1260-1	6.081	5.196	426270	107655	1.807	0.646 #
32)	L7 AR-1260-2	6.316	5.349	196634	86198	0.681	0.415 #
33)	L7 AR-1260-3	6.686	5.502	242125	124275	1.371	0.639 #
34)	L7 AR-1260-4	6.919f	5.958	2301134	203866	10.924	1.398 #
35)	L7 AR-1260-5	7.209	6.219	75601	262758	0.184	0.791 #
36)	L8 AR-1262-1	6.686	5.733	242125	1370242	0.794	5.894 #
37)	L8 AR-1262-2	7.209	5.958	75601	203866	0.144	0.943 #
38)	L8 AR-1262-3	7.474	6.538f	741915	272962	2.106	1.566 #
39)	L8 AR-1262-4	7.569	6.538	181136	272962	0.679	0.847
40)	L8 AR-1262-5	8.053	7.030	374841	139538	2.112	0.900 #
41)	L9 AR-1268-1	7.474	6.538f	741915	272962	1.307	0.580 #

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 Acq On : 07 Jul 2023 17:50
 Operator : YP\AJ
 Sample : 03530-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

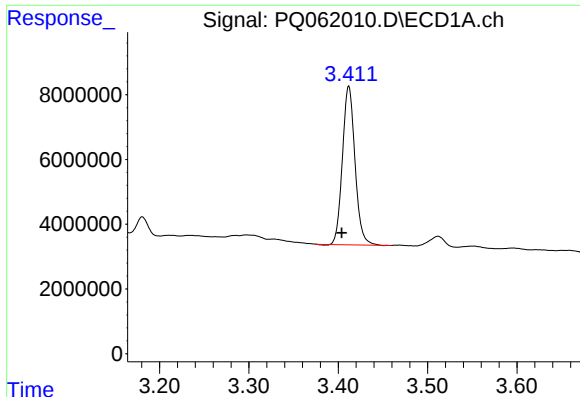
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:16:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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	7.569	6.562	181136	129266	0.355	0.305
43) L9	AR-1268-3	7.758	6.753	306729	647505	0.719	1.758 #
44) L9	AR-1268-4	8.053	7.030	374841	139538	2.048	0.872 #
45) L9	AR-1268-5	8.359	7.314	640612	1226167	0.508	1.051 #

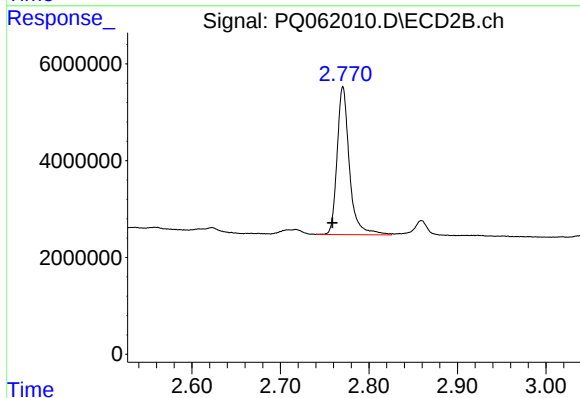
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

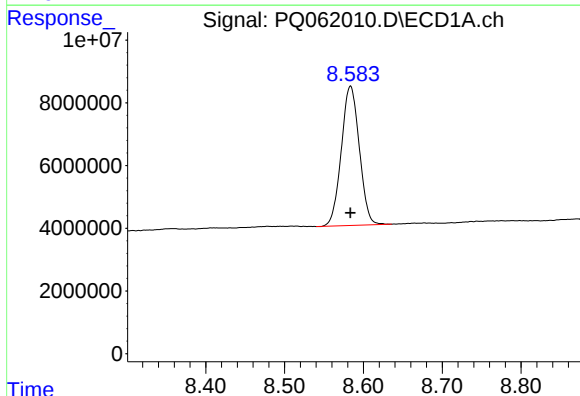
R.T.: 3.412 min
Delta R.T.: 0.008 min
Response: 47806177
Conc: 9.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



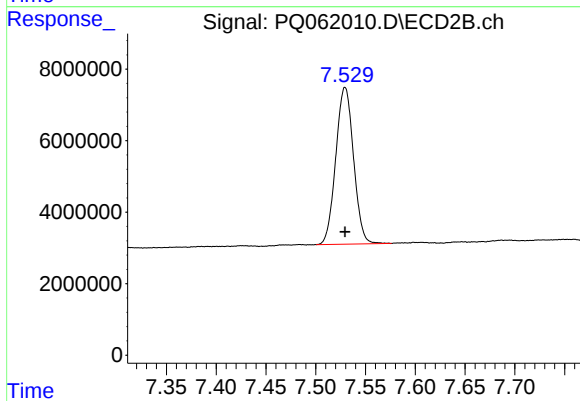
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.012 min
Response: 29602506
Conc: 11.80 ng/ml



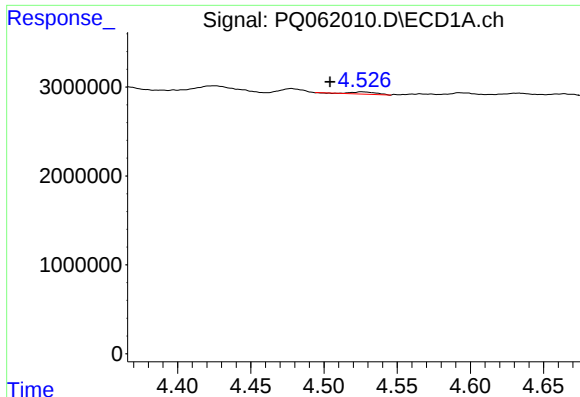
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 70488992
Conc: 19.40 ng/ml



#2 Decachlorobiphenyl

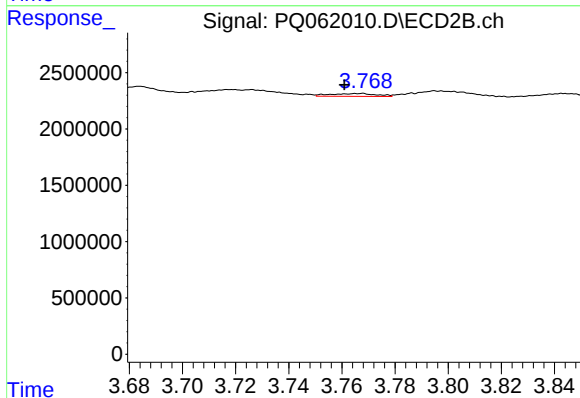
R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 54476192
Conc: 16.35 ng/ml



#3 AR-1016-1

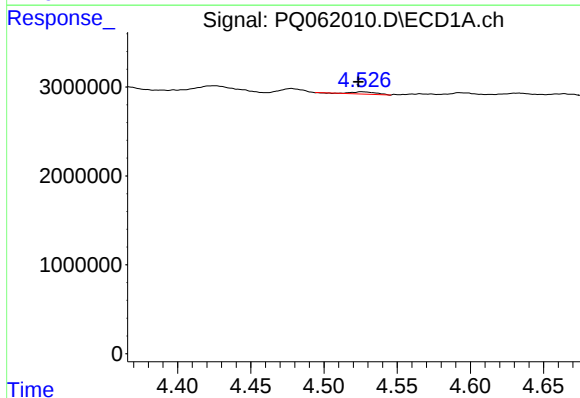
R.T.: 4.526 min
Delta R.T.: 0.022 min
Response: 293858
Conc: 1.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



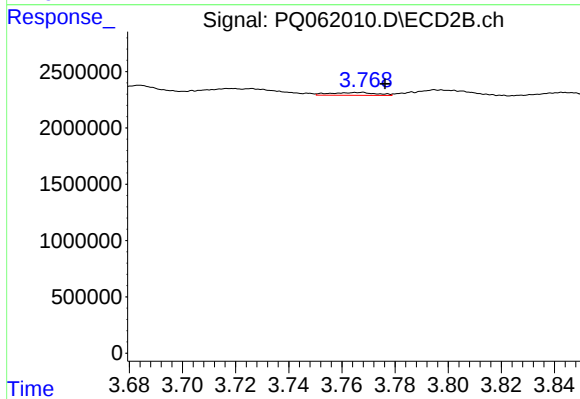
#3 AR-1016-1

R.T.: 3.768 min
Delta R.T.: 0.007 min
Response: 308431
Conc: 3.12 ng/ml



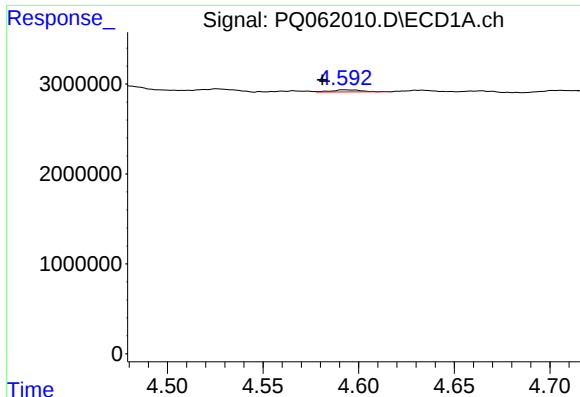
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 293858
Conc: 1.19 ng/ml



#4 AR-1016-2

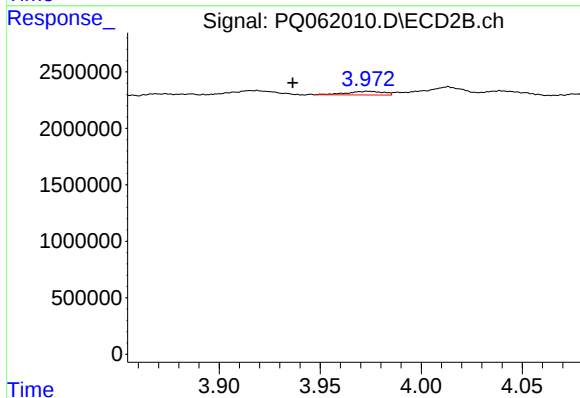
R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 308431
Conc: 2.14 ng/ml



#5 AR-1016-3

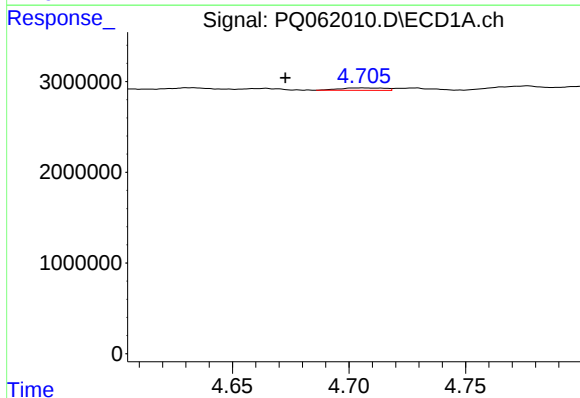
R.T.: 4.593 min
Delta R.T.: 0.012 min
Response: 244418
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



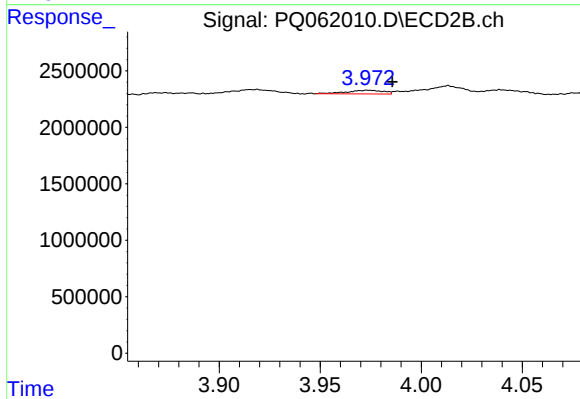
#5 AR-1016-3

R.T.: 3.973 min
Delta R.T.: 0.037 min
Response: 411330
Conc: 5.45 ng/ml



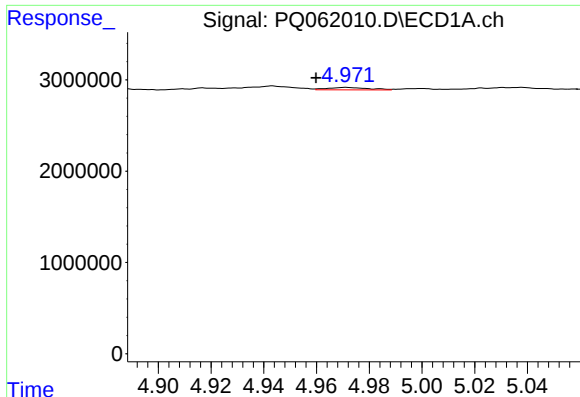
#6 AR-1016-4

R.T.: 4.706 min
Delta R.T.: 0.033 min
Response: 362791
Conc: 2.89 ng/ml



#6 AR-1016-4

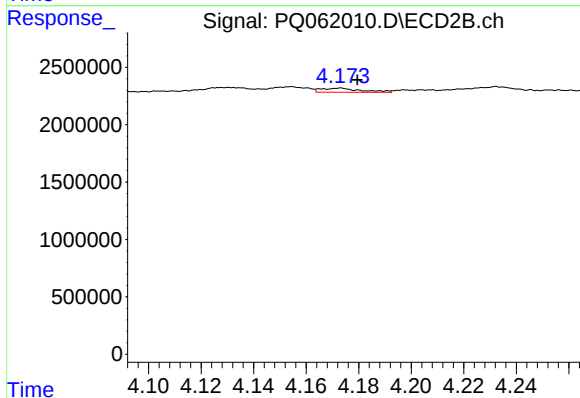
R.T.: 3.973 min
Delta R.T.: -0.012 min
Response: 411330
Conc: 6.26 ng/ml



#7 AR-1016-5

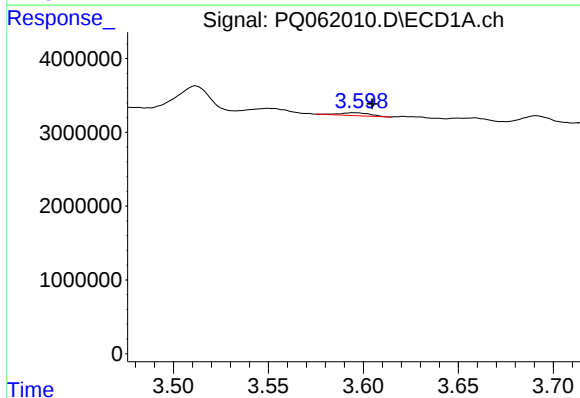
R.T.: 4.971 min
Delta R.T.: 0.011 min
Response: 289631
Conc: 2.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



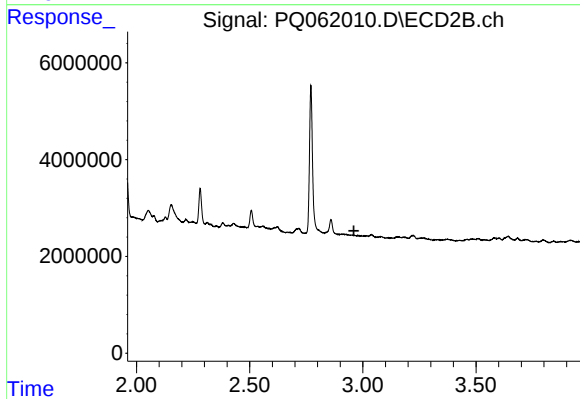
#7 AR-1016-5

R.T.: 4.173 min
Delta R.T.: -0.006 min
Response: 372190
Conc: 4.54 ng/ml



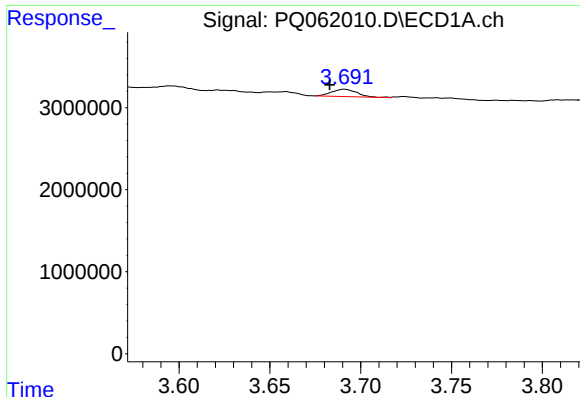
#8 AR-1221-1

R.T.: 3.595 min
Delta R.T.: -0.010 min
Response: 456148
Conc: 7.59 ng/ml



#8 AR-1221-1

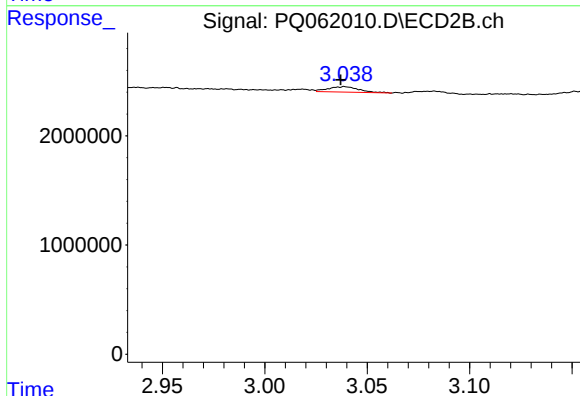
R.T.: 0.000 min
Exp R.T.: 2.961 min
Response: 0
Conc: N.D.



#9 AR-1221-2

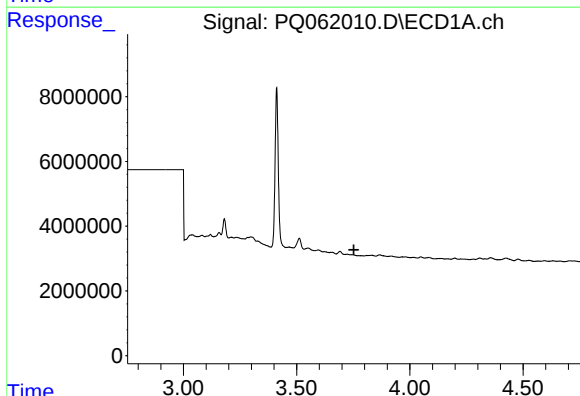
R.T.: 3.691 min
Delta R.T.: 0.008 min
Response: 864555
Conc: 19.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



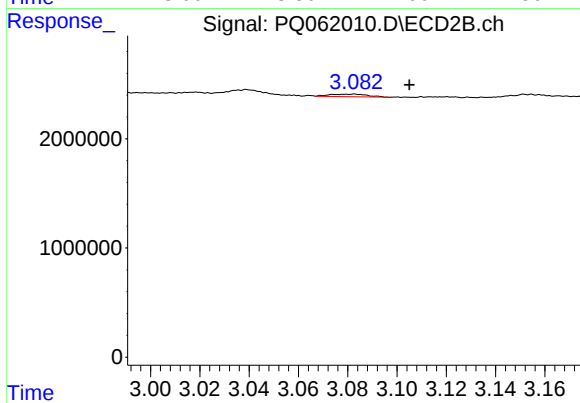
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: 0.002 min
Response: 527838
Conc: 20.78 ng/ml



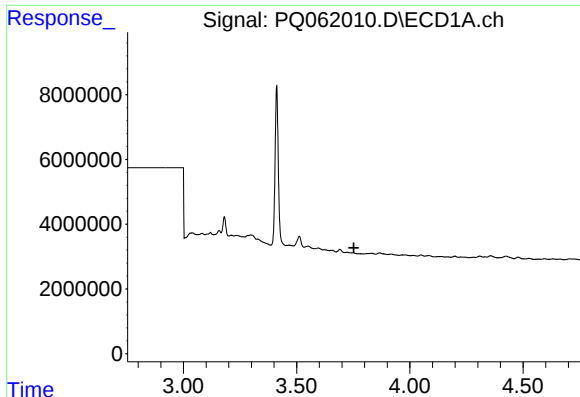
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.753 min
Response: 0
Conc: N.D.



#10 AR-1221-3

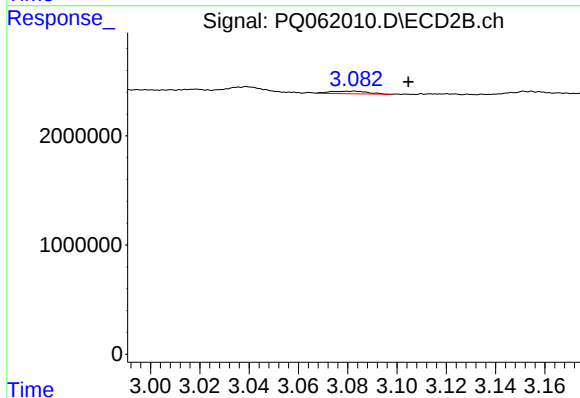
R.T.: 3.083 min
Delta R.T.: -0.022 min
Response: 251232
Conc: 3.26 ng/ml



#11 AR-1232-1

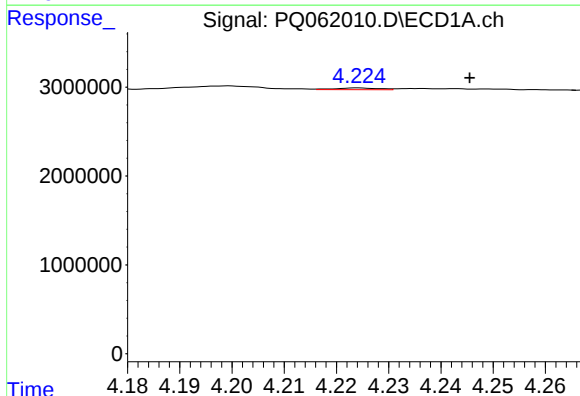
R.T.: 0.000 min
Exp R.T.: 3.753 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



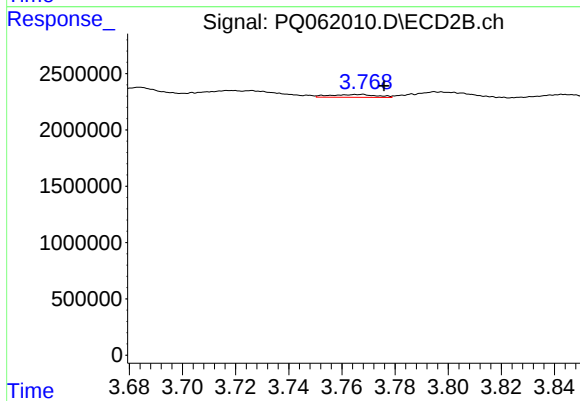
#11 AR-1232-1

R.T.: 3.083 min
Delta R.T.: -0.022 min
Response: 251232
Conc: 4.38 ng/ml



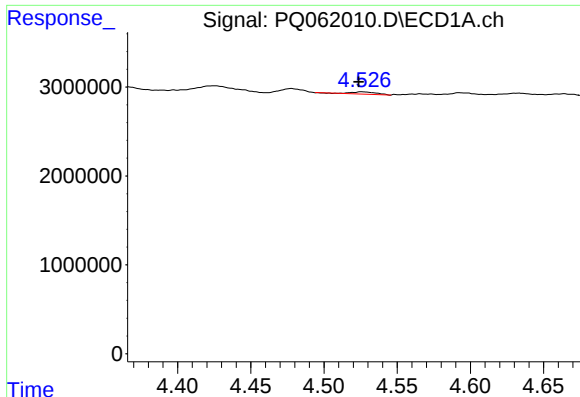
#12 AR-1232-2

R.T.: 4.224 min
Delta R.T.: -0.021 min
Response: 115864
Conc: 1.96 ng/ml



#12 AR-1232-2

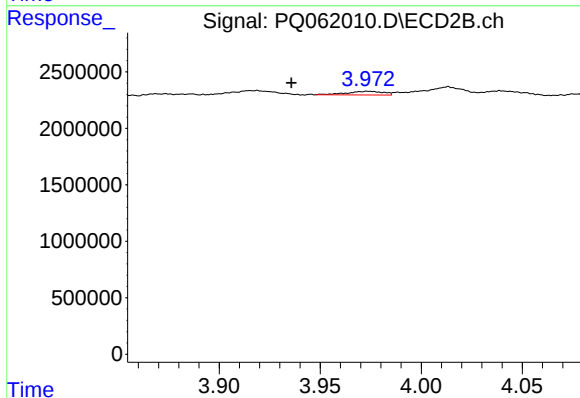
R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 308431
Conc: 4.63 ng/ml



#13 AR-1232-3

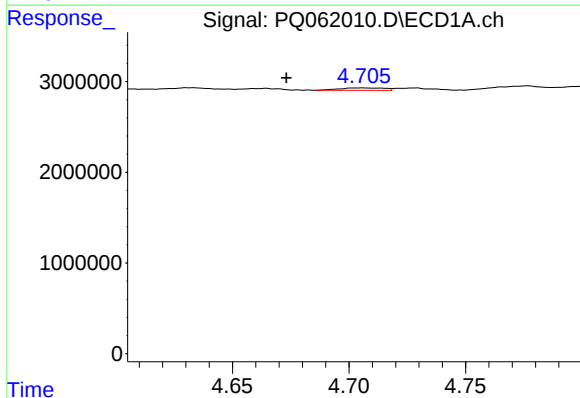
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 293858
Conc: 2.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



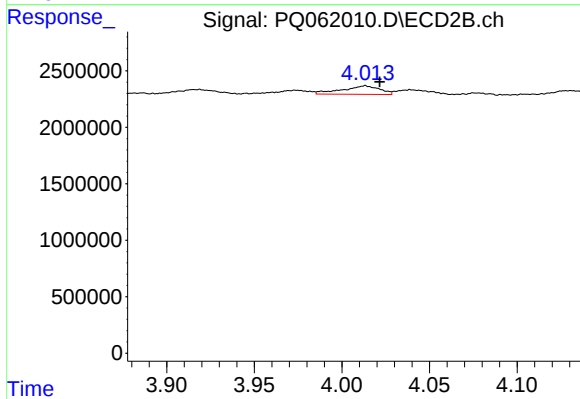
#13 AR-1232-3

R.T.: 3.973 min
Delta R.T.: 0.038 min
Response: 411330
Conc: 11.90 ng/ml



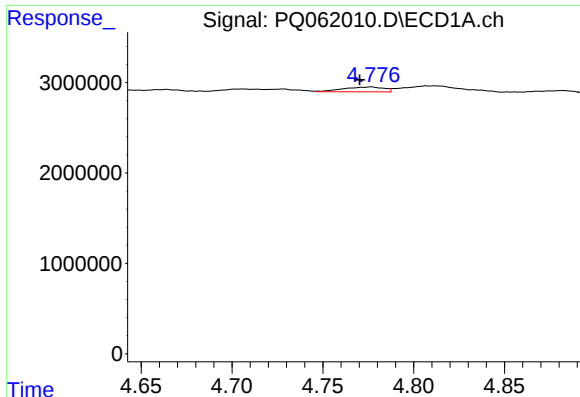
#14 AR-1232-4

R.T.: 4.706 min
Delta R.T.: 0.033 min
Response: 362791
Conc: 6.40 ng/ml



#14 AR-1232-4

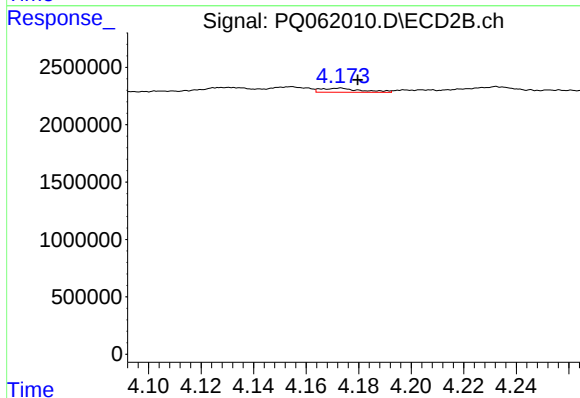
R.T.: 4.013 min
Delta R.T.: -0.008 min
Response: 1124961
Conc: 37.83 ng/ml



#15 AR-1232-5

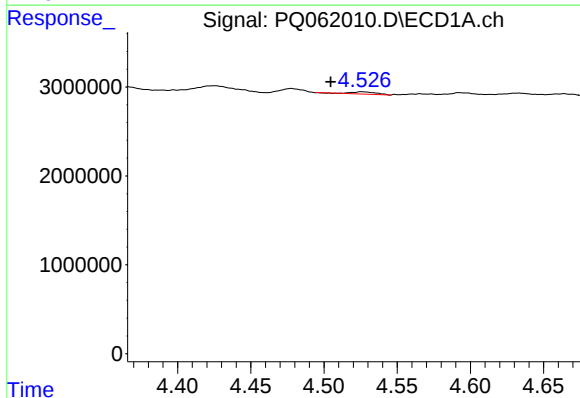
R.T.: 4.777 min
Delta R.T.: 0.006 min
Response: 832131
Conc: 20.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



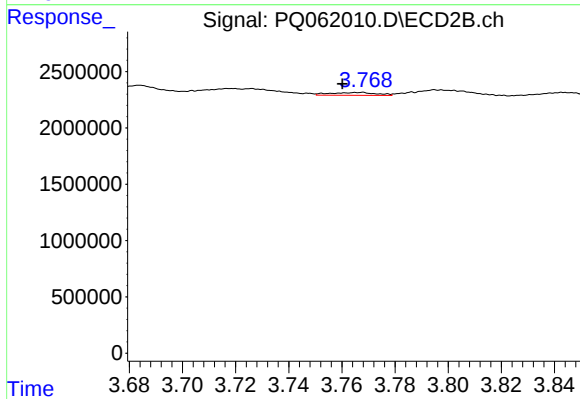
#15 AR-1232-5

R.T.: 4.173 min
Delta R.T.: -0.006 min
Response: 372190
Conc: 10.44 ng/ml



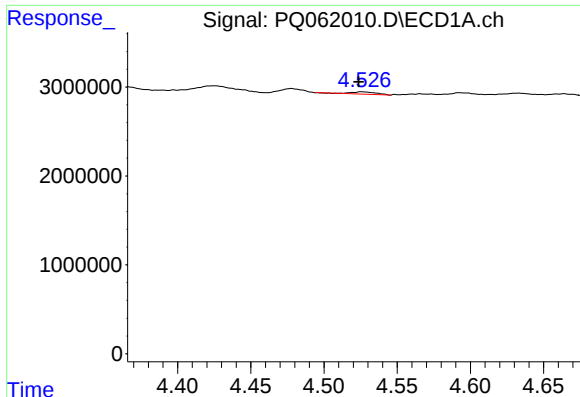
#16 AR-1242-1

R.T.: 4.526 min
Delta R.T.: 0.021 min
Response: 293858
Conc: 2.25 ng/ml



#16 AR-1242-1

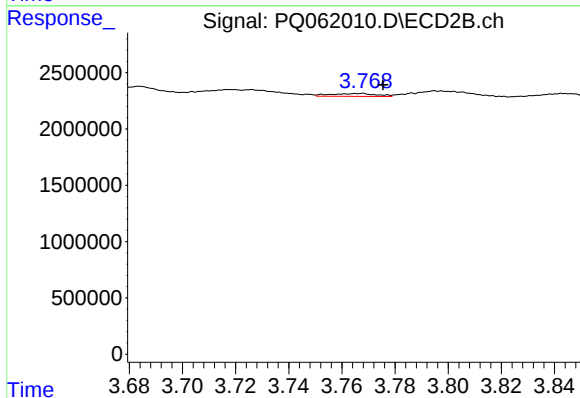
R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 308431
Conc: 3.99 ng/ml



#17 AR-1242-2

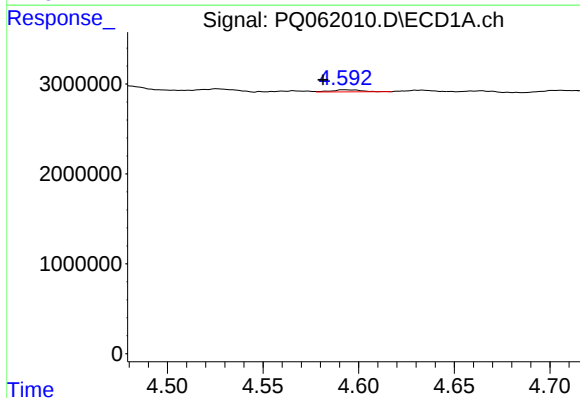
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 293858
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



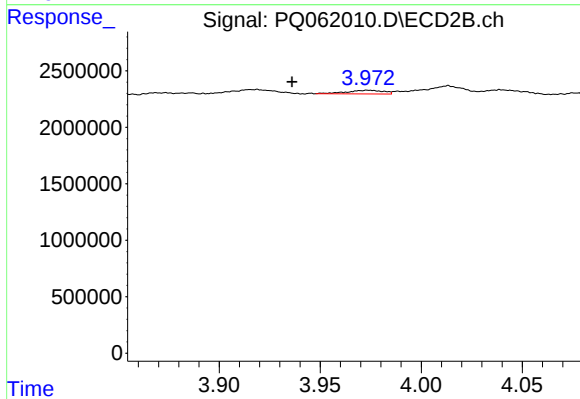
#17 AR-1242-2

R.T.: 3.768 min
Delta R.T.: -0.007 min
Response: 308431
Conc: 2.77 ng/ml



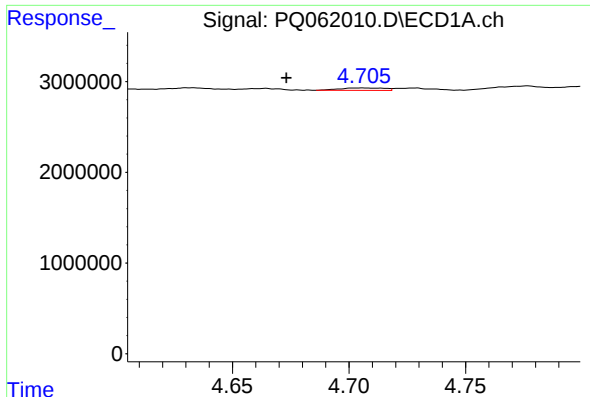
#18 AR-1242-3

R.T.: 4.593 min
Delta R.T.: 0.011 min
Response: 244418
Conc: 2.02 ng/ml



#18 AR-1242-3

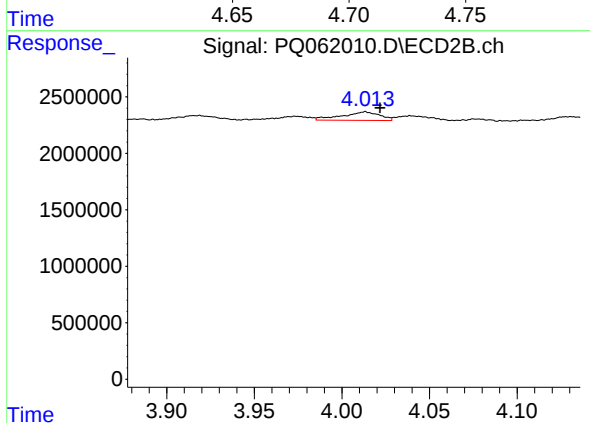
R.T.: 3.973 min
Delta R.T.: 0.037 min
Response: 411330
Conc: 7.02 ng/ml



#19 AR-1242-4

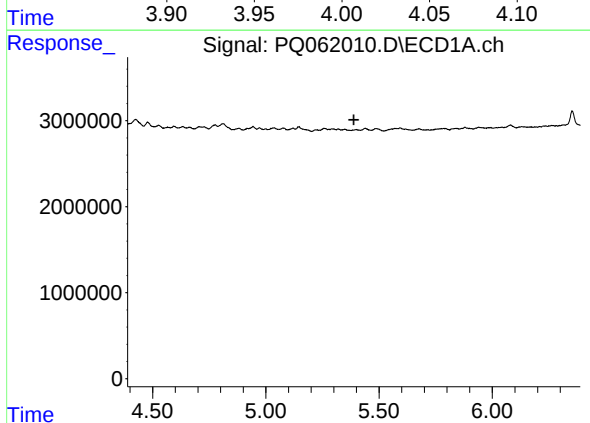
R.T.: 4.706 min
Delta R.T.: 0.033 min
Response: 362791
Conc: 3.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



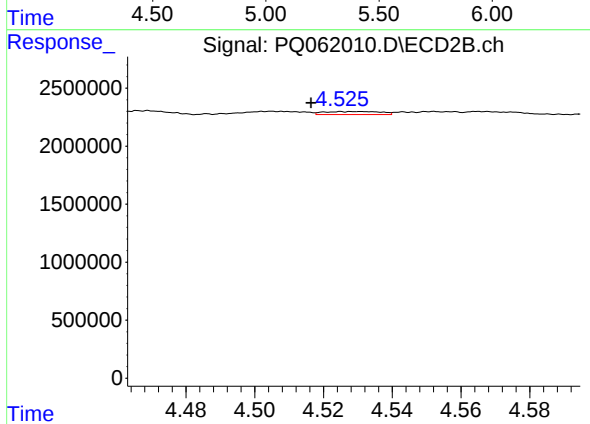
#19 AR-1242-4

R.T.: 4.013 min
Delta R.T.: -0.008 min
Response: 1124961
Conc: 19.19 ng/ml



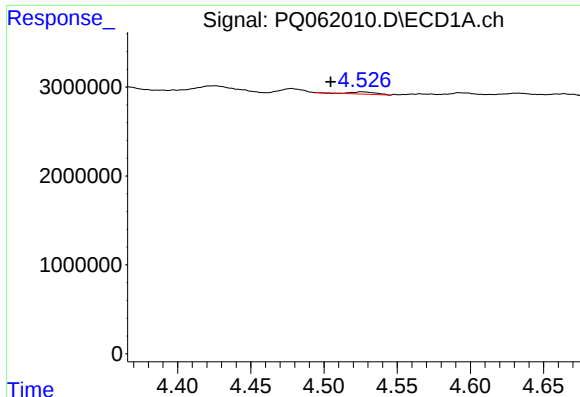
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



#20 AR-1242-5

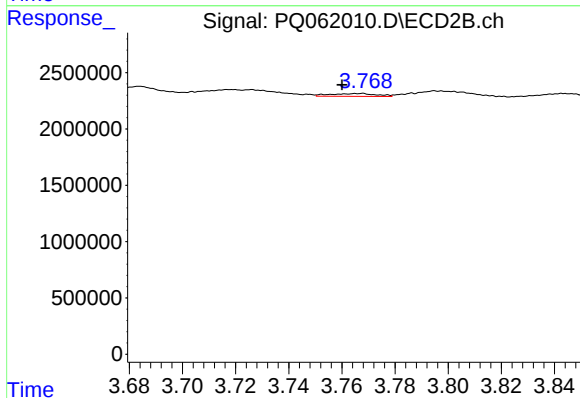
R.T.: 4.525 min
Delta R.T.: 0.009 min
Response: 302941
Conc: 3.65 ng/ml



#21 AR-1248-1

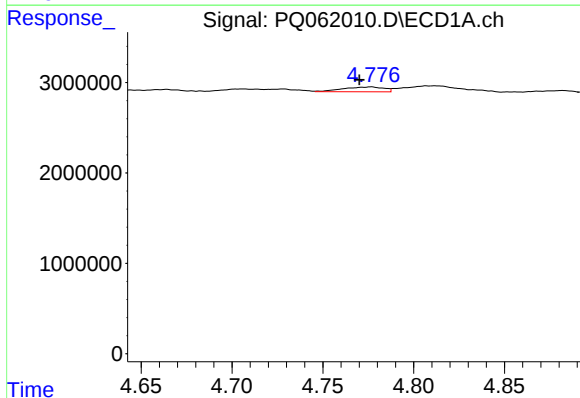
R.T.: 4.526 min
Delta R.T.: 0.021 min
Response: 293858
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



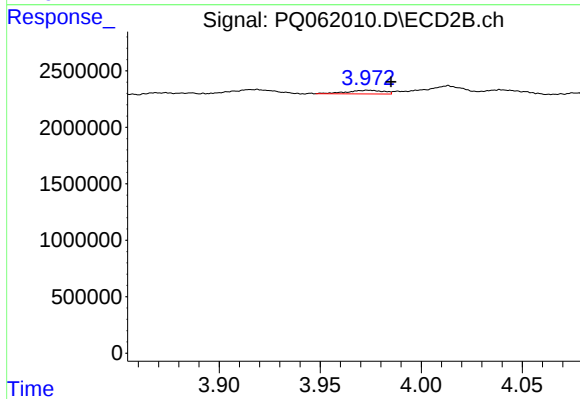
#21 AR-1248-1

R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 308431
Conc: 4.93 ng/ml



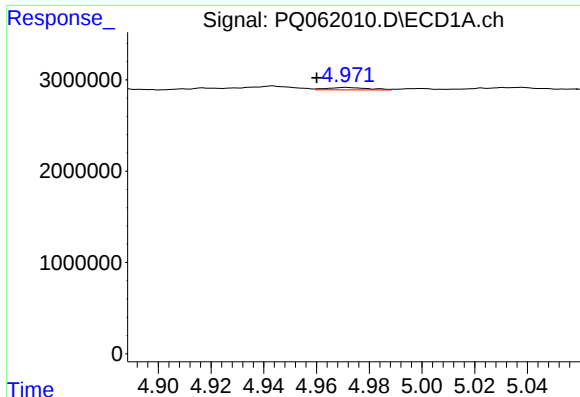
#22 AR-1248-2

R.T.: 4.777 min
Delta R.T.: 0.006 min
Response: 832131
Conc: 5.79 ng/ml



#22 AR-1248-2

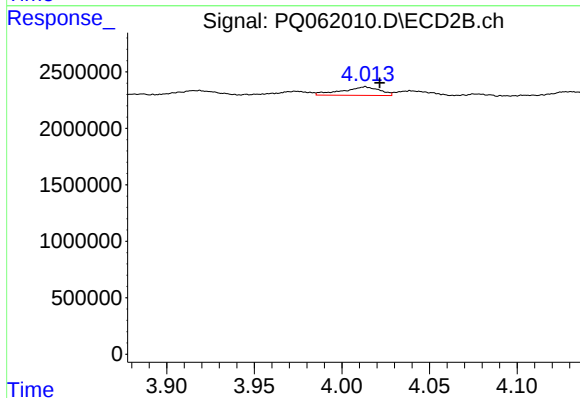
R.T.: 3.973 min
Delta R.T.: -0.012 min
Response: 411330
Conc: 4.39 ng/ml



#23 AR-1248-3

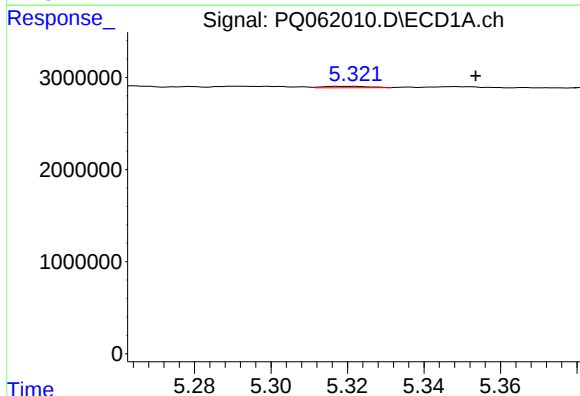
R.T.: 4.971 min
Delta R.T.: 0.011 min
Response: 289631
Conc: 1.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



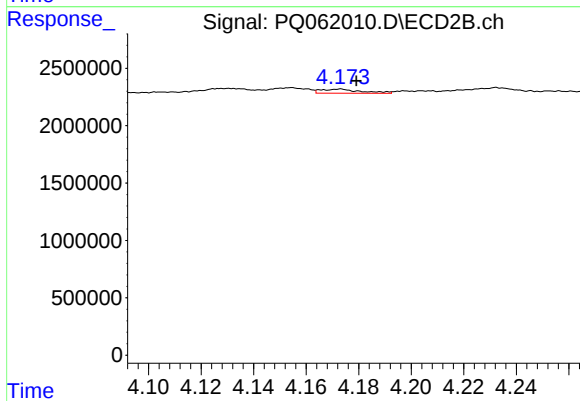
#23 AR-1248-3

R.T.: 4.013 min
Delta R.T.: -0.008 min
Response: 1124961
Conc: 12.42 ng/ml



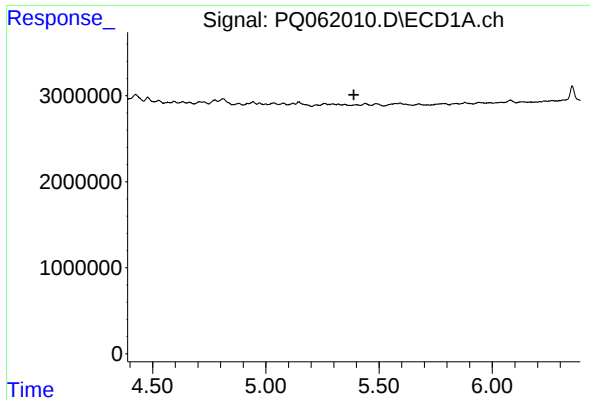
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: -0.035 min
Response: 121786
Conc: 0.63 ng/ml



#24 AR-1248-4

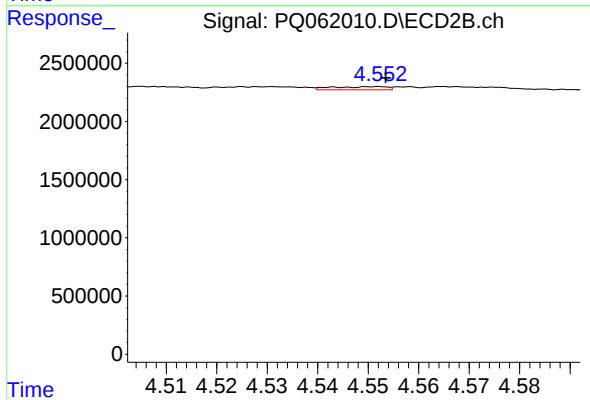
R.T.: 4.173 min
Delta R.T.: -0.006 min
Response: 372190
Conc: 3.30 ng/ml



#25 AR-1248-5

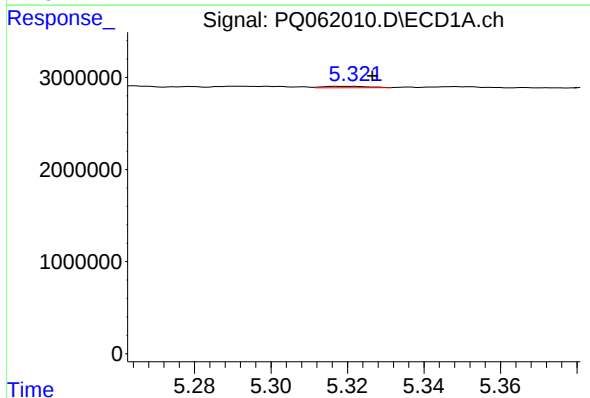
R.T.: 0.000 min
Exp R.T.: 5.388 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



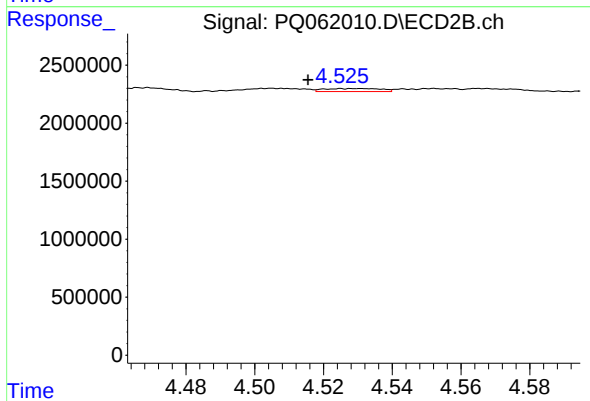
#25 AR-1248-5

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 203419
Conc: 1.82 ng/ml



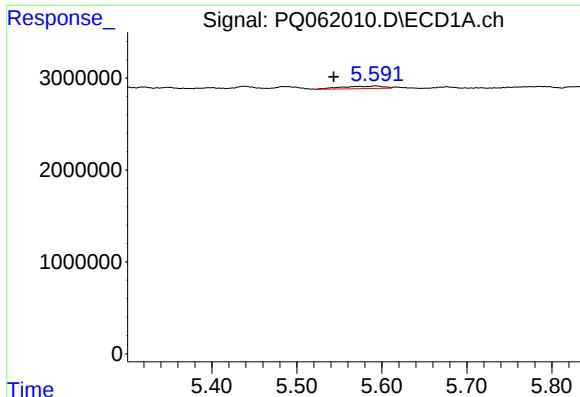
#26 AR-1254-1

R.T.: 5.318 min
Delta R.T.: -0.008 min
Response: 121786
Conc: 0.66 ng/ml



#26 AR-1254-1

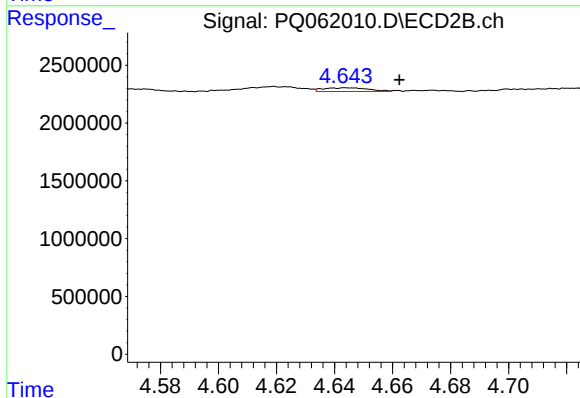
R.T.: 4.525 min
Delta R.T.: 0.010 min
Response: 302941
Conc: 1.88 ng/ml



#27 AR-1254-2

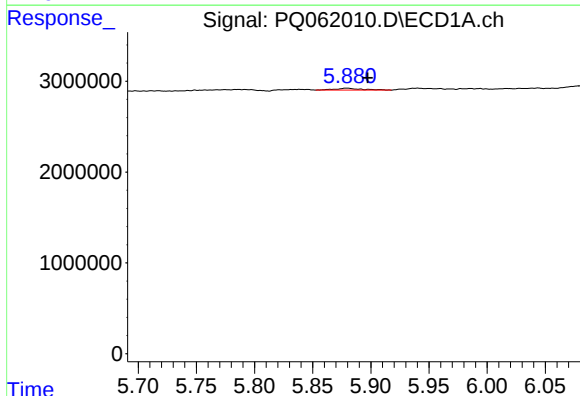
R.T.: 5.592 min
Delta R.T.: 0.049 min
Response: 920169
Conc: 3.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



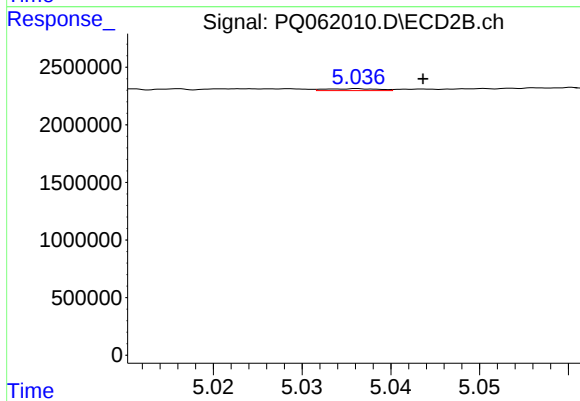
#27 AR-1254-2

R.T.: 4.644 min
Delta R.T.: -0.019 min
Response: 348889
Conc: 2.37 ng/ml



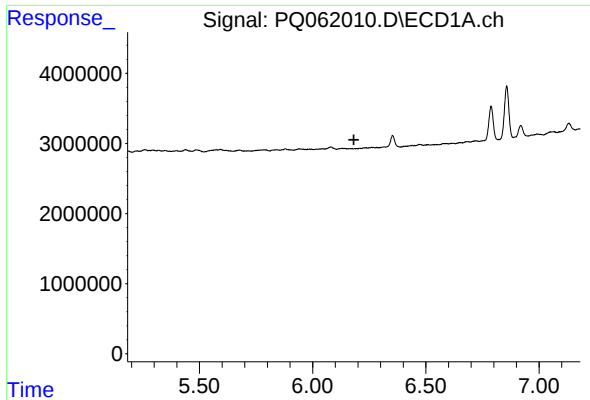
#28 AR-1254-3

R.T.: 5.880 min
Delta R.T.: -0.018 min
Response: 325606
Conc: 1.06 ng/ml



#28 AR-1254-3

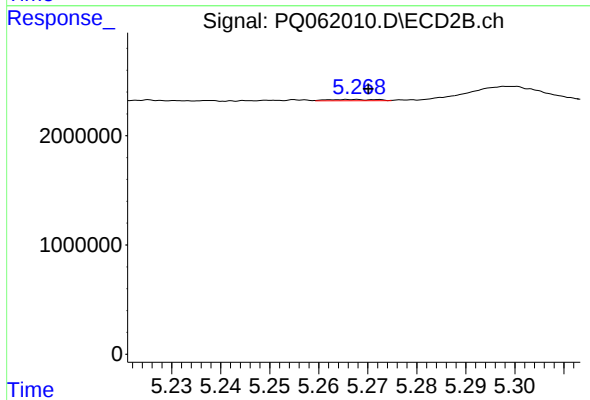
R.T.: 5.036 min
Delta R.T.: -0.007 min
Response: 66473
Conc: 0.28 ng/ml



#29 AR-1254-4

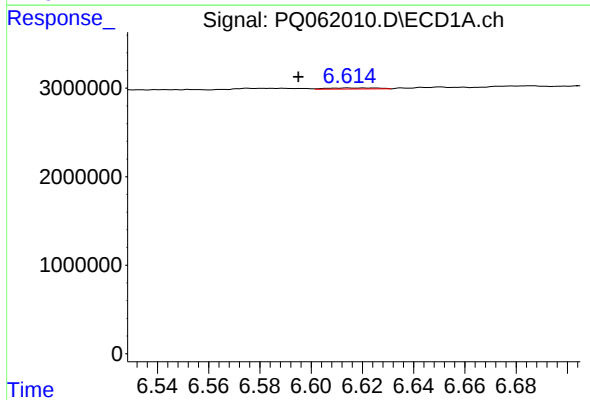
R.T.: 0.000 min
Exp R.T.: 6.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



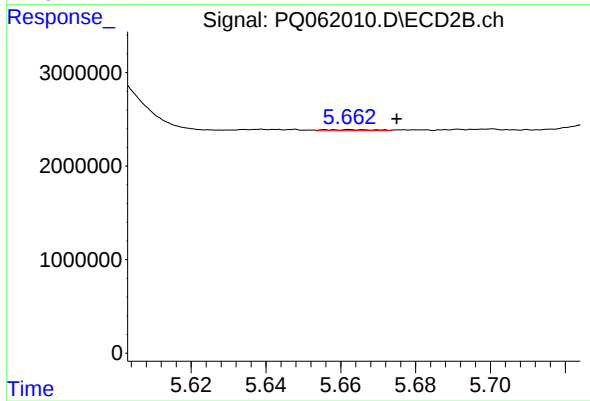
#29 AR-1254-4

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 73482
Conc: 0.48 ng/ml



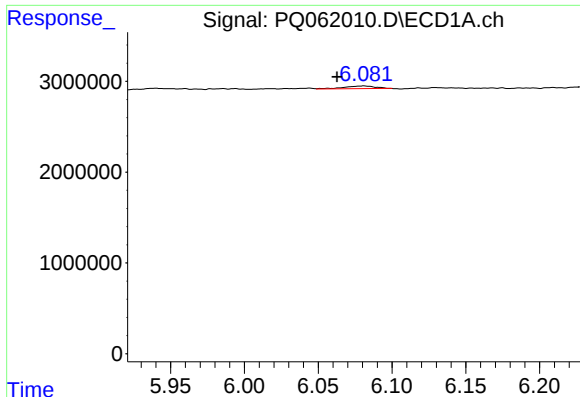
#30 AR-1254-5

R.T.: 6.614 min
Delta R.T.: 0.019 min
Response: 164210
Conc: 0.64 ng/ml



#30 AR-1254-5

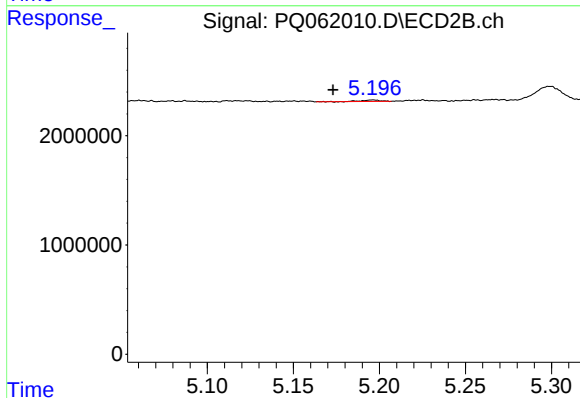
R.T.: 5.662 min
Delta R.T.: -0.013 min
Response: 103378
Conc: 0.45 ng/ml



#31 AR-1260-1

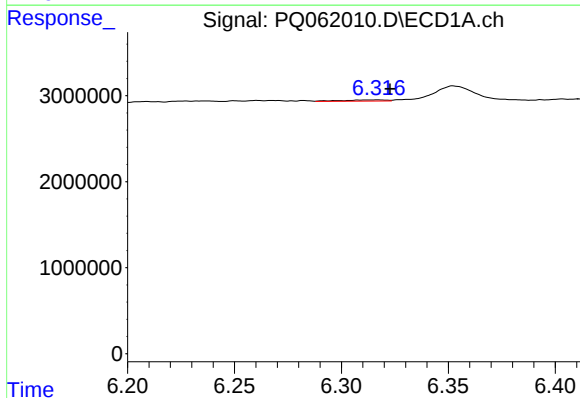
R.T.: 6.081 min
Delta R.T.: 0.018 min
Response: 426270
Conc: 1.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



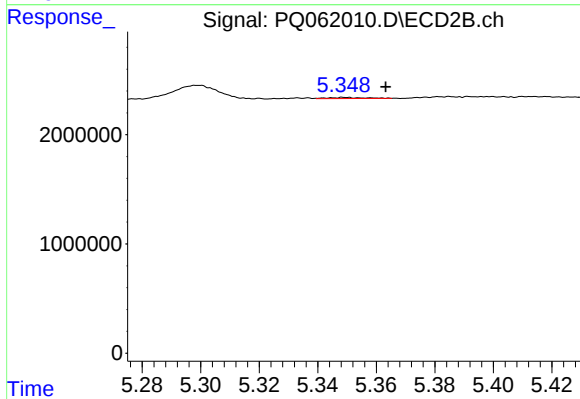
#31 AR-1260-1

R.T.: 5.196 min
Delta R.T.: 0.023 min
Response: 107655
Conc: 0.65 ng/ml



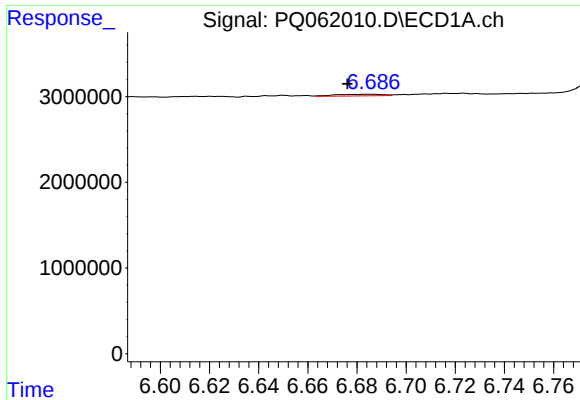
#32 AR-1260-2

R.T.: 6.316 min
Delta R.T.: -0.006 min
Response: 196634
Conc: 0.68 ng/ml



#32 AR-1260-2

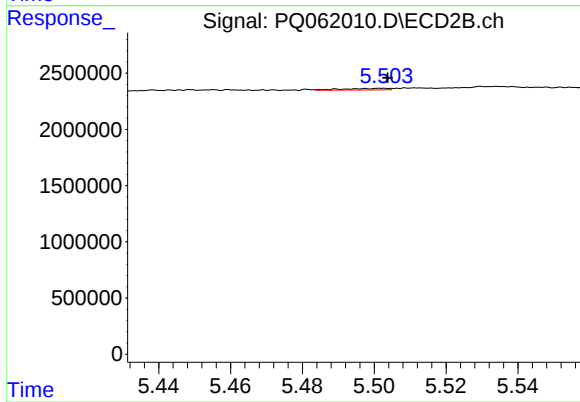
R.T.: 5.349 min
Delta R.T.: -0.014 min
Response: 86198
Conc: 0.41 ng/ml



#33 AR-1260-3

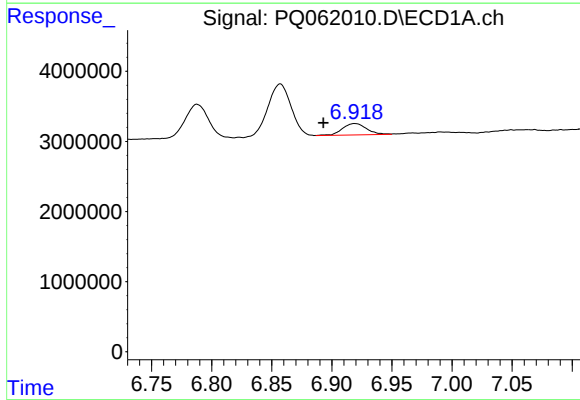
R.T.: 6.686 min
Delta R.T.: 0.010 min
Response: 242125
Conc: 1.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



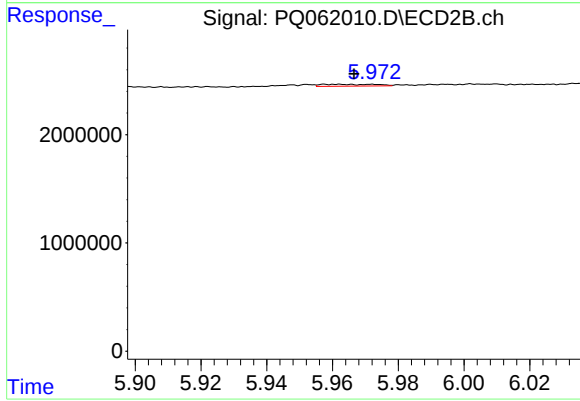
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 124275
Conc: 0.64 ng/ml



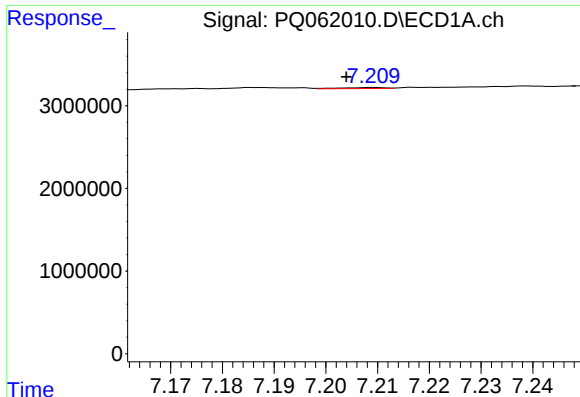
#34 AR-1260-4

R.T.: 6.919 min
Delta R.T.: 0.026 min
Response: 2301134
Conc: 10.92 ng/ml



#34 AR-1260-4

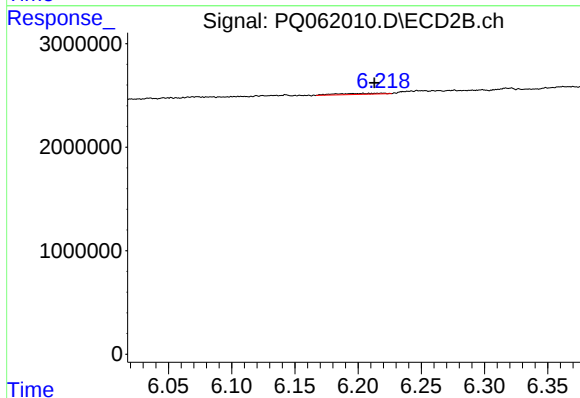
R.T.: 5.958 min
Delta R.T.: -0.009 min
Response: 203866
Conc: 1.40 ng/ml



#35 AR-1260-5

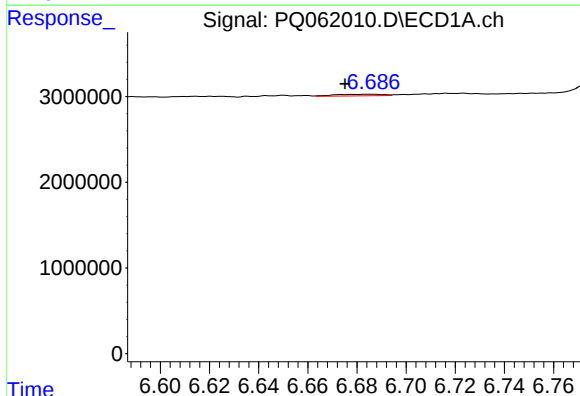
R.T.: 7.209 min
Delta R.T.: 0.005 min
Response: 75601
Conc: 0.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



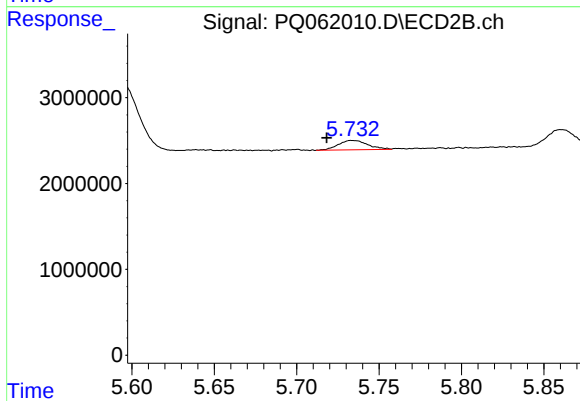
#35 AR-1260-5

R.T.: 6.219 min
Delta R.T.: 0.006 min
Response: 262758
Conc: 0.79 ng/ml



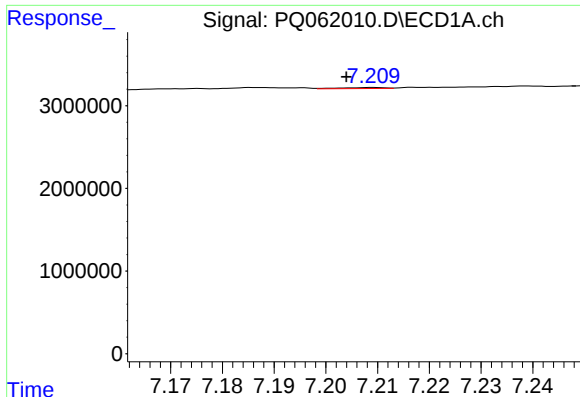
#36 AR-1262-1

R.T.: 6.686 min
Delta R.T.: 0.011 min
Response: 242125
Conc: 0.79 ng/ml



#36 AR-1262-1

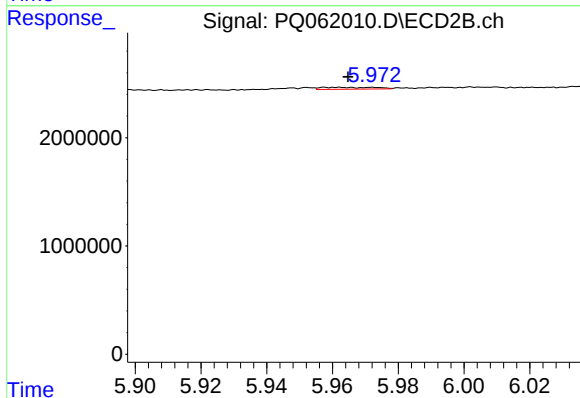
R.T.: 5.733 min
Delta R.T.: 0.015 min
Response: 1370242
Conc: 5.89 ng/ml



#37 AR-1262-2

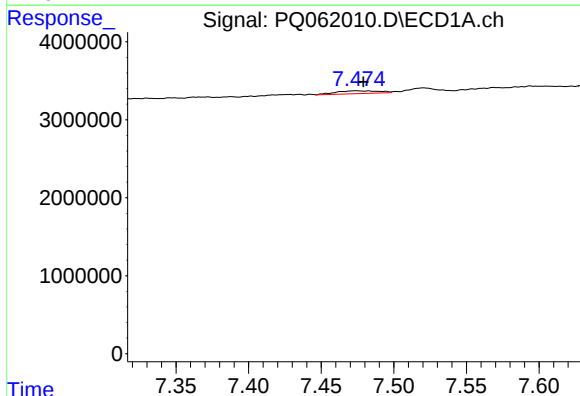
R.T.: 7.209 min
Delta R.T.: 0.005 min
Response: 75601
Conc: 0.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



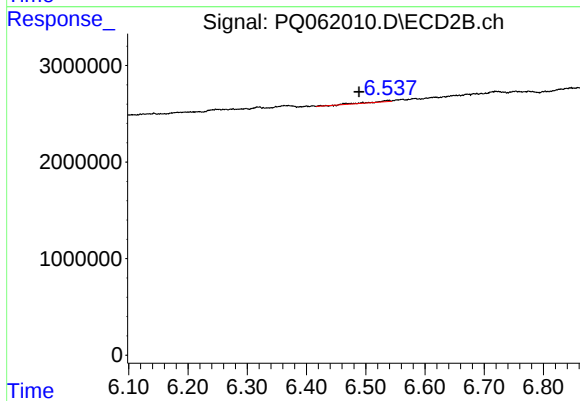
#37 AR-1262-2

R.T.: 5.958 min
Delta R.T.: -0.007 min
Response: 203866
Conc: 0.94 ng/ml



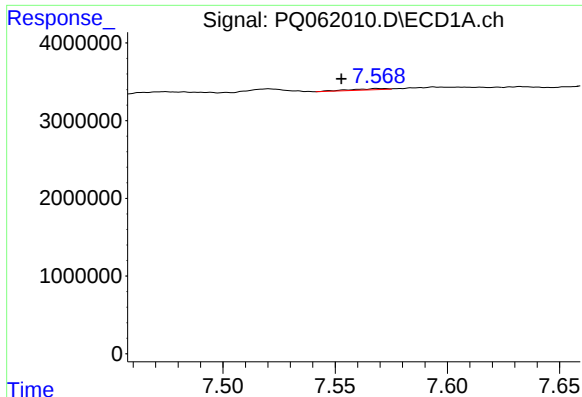
#38 AR-1262-3

R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 741915
Conc: 2.11 ng/ml



#38 AR-1262-3

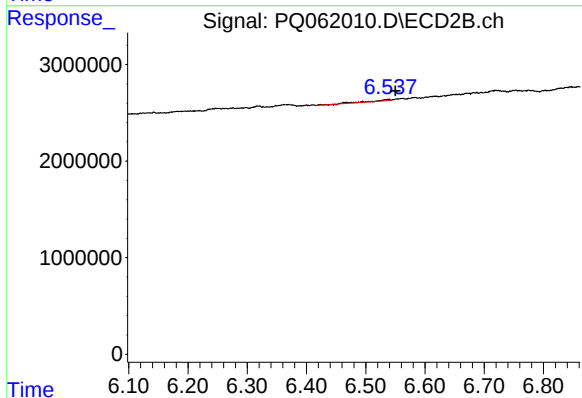
R.T.: 6.538 min
Delta R.T.: 0.049 min
Response: 272962
Conc: 1.57 ng/ml



#39 AR-1262-4

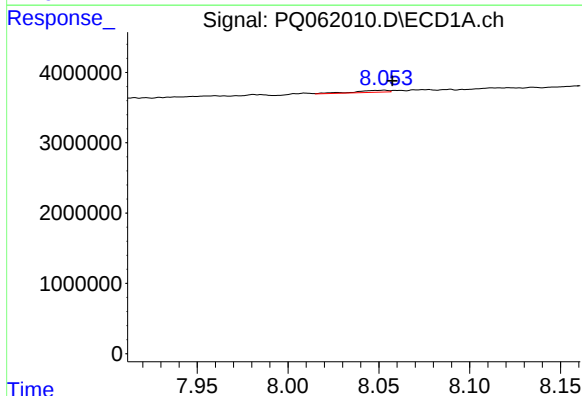
R.T.: 7.569 min
Delta R.T.: 0.017 min
Response: 181136
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



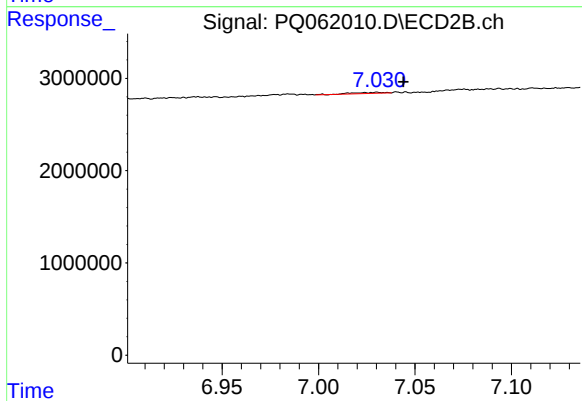
#39 AR-1262-4

R.T.: 6.538 min
Delta R.T.: -0.012 min
Response: 272962
Conc: 0.85 ng/ml



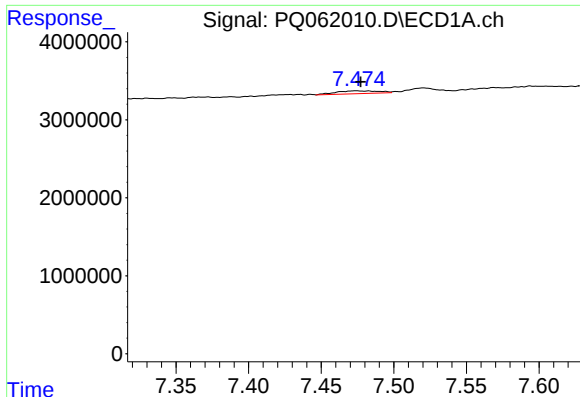
#40 AR-1262-5

R.T.: 8.053 min
Delta R.T.: -0.005 min
Response: 374841
Conc: 2.11 ng/ml



#40 AR-1262-5

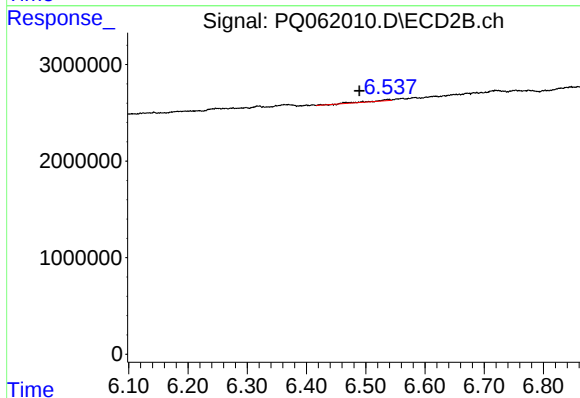
R.T.: 7.030 min
Delta R.T.: -0.014 min
Response: 139538
Conc: 0.90 ng/ml



#41 AR-1268-1

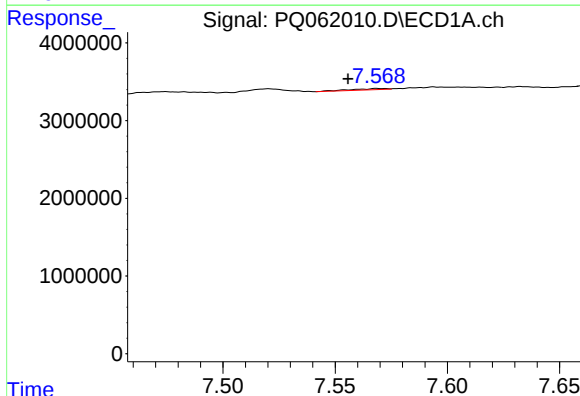
R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 741915
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



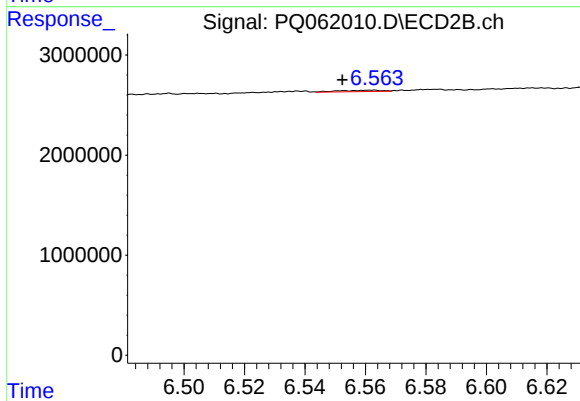
#41 AR-1268-1

R.T.: 6.538 min
Delta R.T.: 0.049 min
Response: 272962
Conc: 0.58 ng/ml



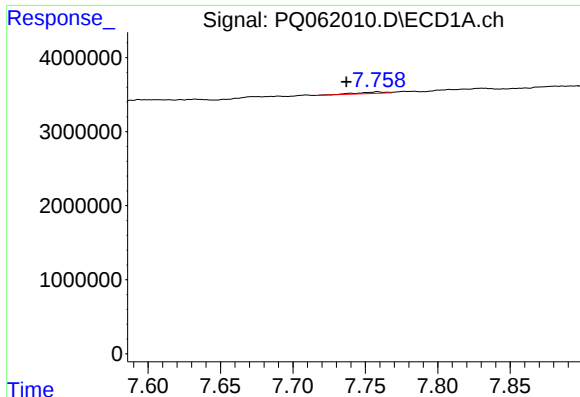
#42 AR-1268-2

R.T.: 7.569 min
Delta R.T.: 0.014 min
Response: 181136
Conc: 0.36 ng/ml



#42 AR-1268-2

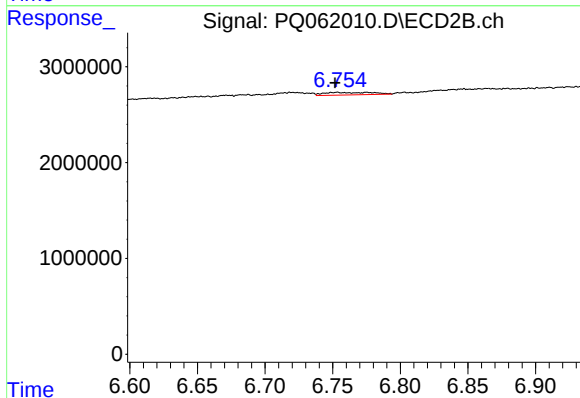
R.T.: 6.562 min
Delta R.T.: 0.010 min
Response: 129266
Conc: 0.31 ng/ml



#43 AR-1268-3

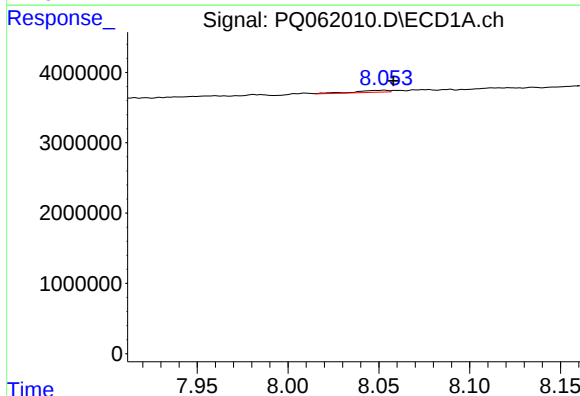
R.T.: 7.758 min
Delta R.T.: 0.021 min
Response: 306729
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



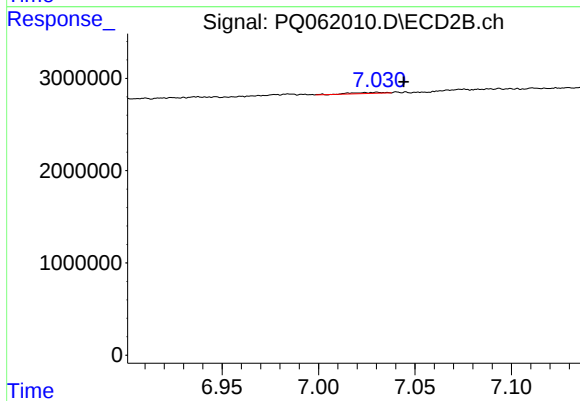
#43 AR-1268-3

R.T.: 6.753 min
Delta R.T.: 0.002 min
Response: 647505
Conc: 1.76 ng/ml



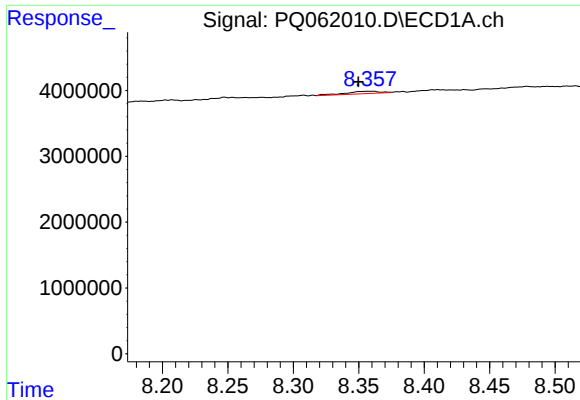
#44 AR-1268-4

R.T.: 8.053 min
Delta R.T.: -0.005 min
Response: 374841
Conc: 2.05 ng/ml



#44 AR-1268-4

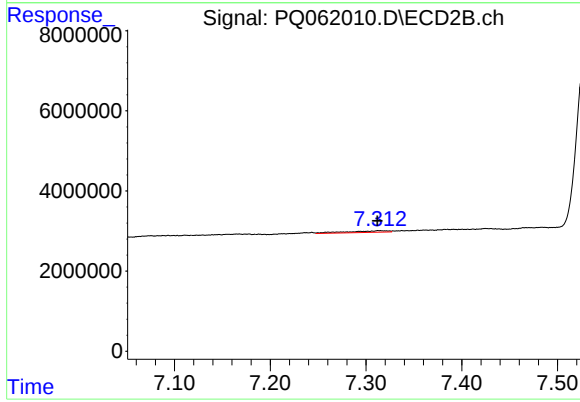
R.T.: 7.030 min
Delta R.T.: -0.014 min
Response: 139538
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 8.359 min
Delta R.T.: 0.009 min
Response: 640612
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: 0.002 min
Response: 1226167
Conc: 1.05 ng/ml