

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070122\
 Data File : PQ058511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2022 11:02
 Operator : YP\AJ
 Sample : N3214-09
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:15:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 16:14:42 2022
 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...	4.684	4.043	191.3E6	153.3E6	14.941	14.142
2)	SA Decachlor...	10.601	9.177	179.9E6	114.2E6	14.955	15.227
Target Compounds							
3)	L1 AR-1016-1	5.864	5.146	2413585	230247	7.485	0.659 #
4)	L1 AR-1016-2	0.000	5.173	0	472671	N.D.	0.942 #
5)	L1 AR-1016-3	5.960	5.348	293833	478403	0.810	1.897 #
6)	L1 AR-1016-4	6.060	5.383	295347	630730	0.970	3.161 #
7)	L1 AR-1016-5	6.364	5.629f	263438	734308	1.086	2.824 #
8)	L2 AR-1221-1	4.903	4.259	2688223	1896347	23.877	20.220
9)	L2 AR-1221-2	4.992	4.350	4963868	3219264	55.482	46.150
10)	L2 AR-1221-3	5.063	4.425	6290780	4198923	22.907	18.695
11)	L3 AR-1232-1	5.063	4.425	6290780	4198923	25.548	20.755
12)	L3 AR-1232-2	5.589	5.173	1178515	472671	10.212	2.459 #
13)	L3 AR-1232-3	5.864f	5.348	2413585	478403	10.922	5.092 #
14)	L3 AR-1232-4	6.060	5.438	295347	49824	2.441	0.589 #
15)	L3 AR-1232-5	6.138	5.629f	513859	734308	7.115	7.818
16)	L4 AR-1242-1	5.864	5.146	2413585	230247	11.389	1.016 #
17)	L4 AR-1242-2	5.864f	5.173	2413585	472671	6.630	1.484 #
18)	L4 AR-1242-3	5.952	5.348	319687	478403	1.346	2.957 #
19)	L4 AR-1242-4	6.060	5.438	295347	49824	1.494	0.313 #
20)	L4 AR-1242-5	6.776f	5.983f	1000761	770025	5.856	4.115 #
21)	L5 AR-1248-1	5.864	5.146	2413585	230247	17.119	1.549 #
22)	L5 AR-1248-2	6.138	5.383	513859	630730	2.732	3.235
23)	L5 AR-1248-3	6.364	5.438	263438	49824	1.163	0.248 #
24)	L5 AR-1248-4	6.758	5.629f	286351	734308	1.190	3.009 #
25)	L5 AR-1248-5	6.776f	6.019f	1000761	243748	3.937	1.092 #
26)	L6 AR-1254-1	6.731	5.983f	575058	770025	1.968	1.687
27)	L6 AR-1254-2	6.954	6.088f	830401	1702269	1.819	4.231 #
28)	L6 AR-1254-3	7.308	6.510	348586	245873	0.673	0.375 #
29)	L6 AR-1254-4	7.619f	6.732	1493047	194271	3.964	0.489 #
30)	L6 AR-1254-5	8.015	7.177	1141133	360751	2.572	0.640 #
31)	L7 AR-1260-1	7.486	6.618f	436474	285074	1.084	0.606 #
32)	L7 AR-1260-2	7.726	6.820	2606690	1452805	5.397	2.578 #
33)	L7 AR-1260-3	8.015	6.990	1141133	1073863	1.775	2.061
34)	L7 AR-1260-4	8.339	7.454	1229012	193003	2.791	0.502 #
35)	L7 AR-1260-5	8.667	7.725f	609311	552203	0.615	0.594
36)	L8 AR-1262-1	8.101	7.177f	319822	360751	0.617	1.280 #
37)	L8 AR-1262-2	8.667	7.725f	609311	552203	0.558	0.533
38)	L8 AR-1262-3	9.003	7.956f	329041	555416	0.602	1.432 #
39)	L8 AR-1262-4	9.106	8.056	253576	91231	0.606	0.124 #
40)	L8 AR-1262-5	9.815	0.000	295282	0	0.627	N.D. #
41)	L9 AR-1268-1	9.003	0.000	329041	0	0.250	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070122\
 Data File : PQ058511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2022 11:02
 Operator : YP\AJ
 Sample : N3214-09
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 8 Sample Multiplier: 1

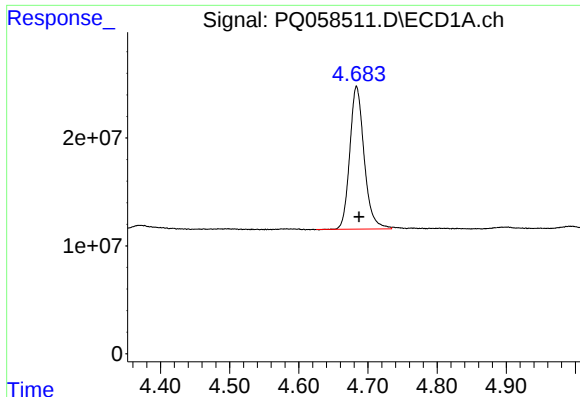
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:15:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 16:14:42 2022
 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	9.106	8.056	253576	91231	0.185	0.093 #
43) L9	AR-1268-3	9.348	8.254	593285	111530	0.476	0.135 #
44) L9	AR-1268-4	9.815	0.000	295282	0	0.616	N.D. #
45) L9	AR-1268-5	10.240	8.889	1340114	589638	0.340	0.220 #

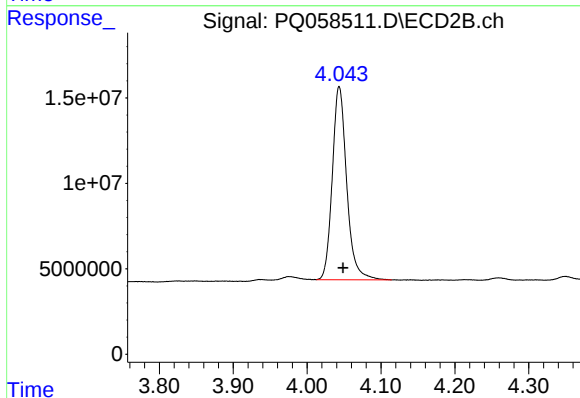
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

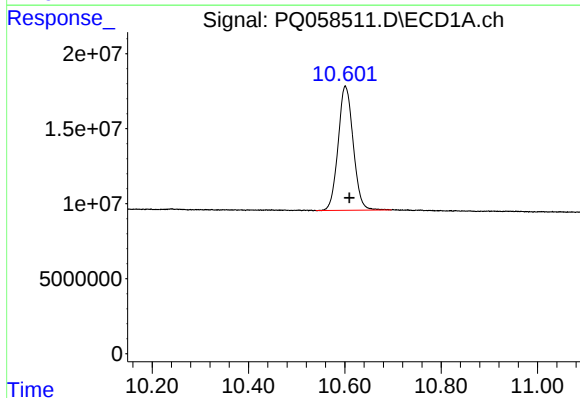
R.T.: 4.684 min
Delta R.T.: -0.003 min
Response: 191270936
Conc: 14.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



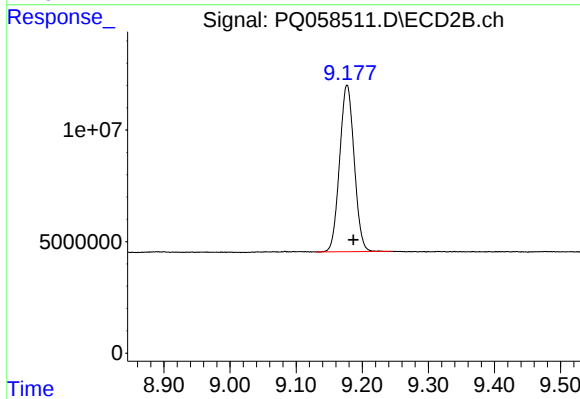
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.005 min
Response: 153271096
Conc: 14.14 ng/ml



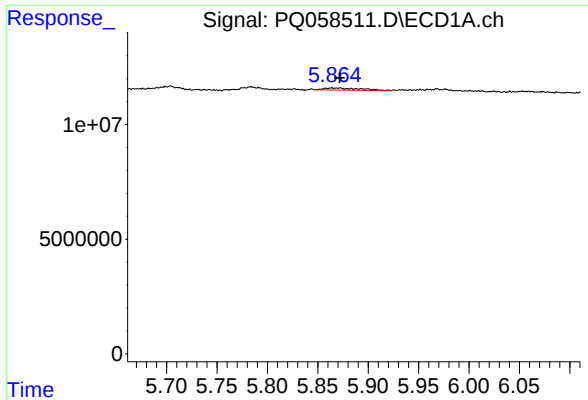
#2 Decachlorobiphenyl

R.T.: 10.601 min
Delta R.T.: -0.009 min
Response: 179946658
Conc: 14.96 ng/ml



#2 Decachlorobiphenyl

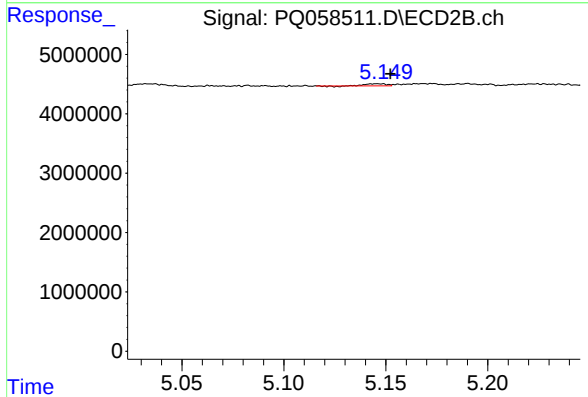
R.T.: 9.177 min
Delta R.T.: -0.010 min
Response: 114186245
Conc: 15.23 ng/ml



#3 AR-1016-1

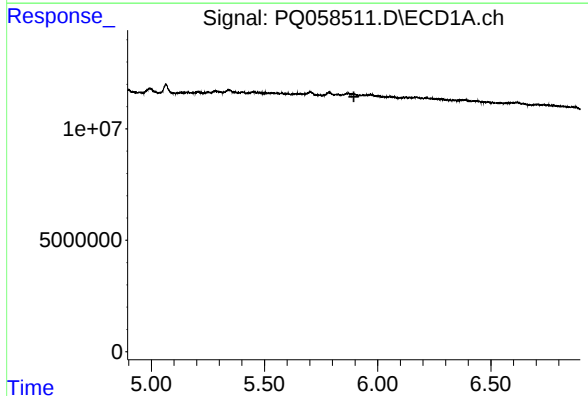
R.T.: 5.864 min
Delta R.T.: -0.008 min
Response: 2413585
Conc: 7.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



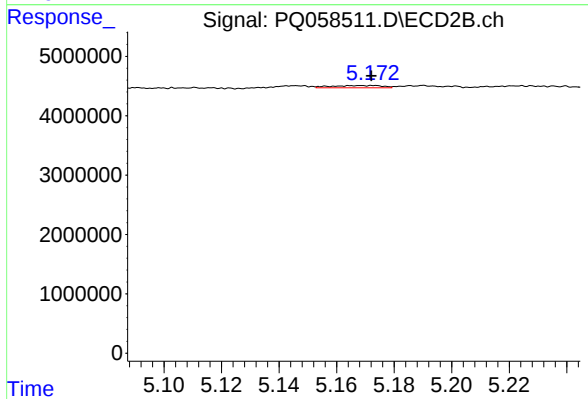
#3 AR-1016-1

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 230247
Conc: 0.66 ng/ml



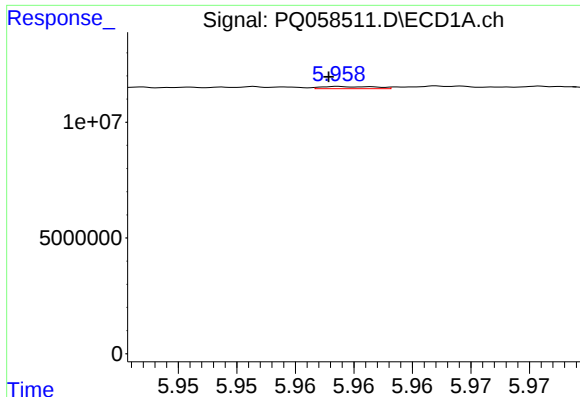
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.895 min
Response: 0
Conc: N.D.



#4 AR-1016-2

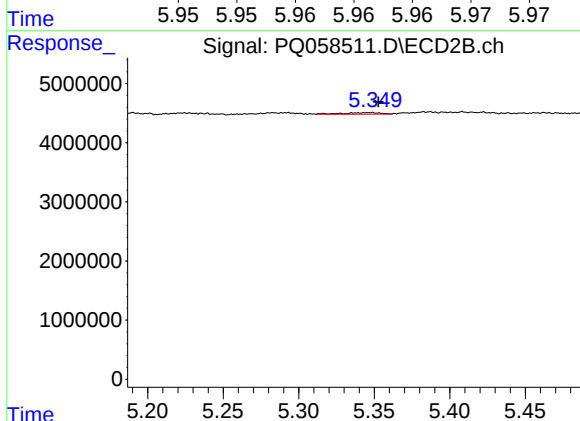
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 472671
Conc: 0.94 ng/ml



#5 AR-1016-3

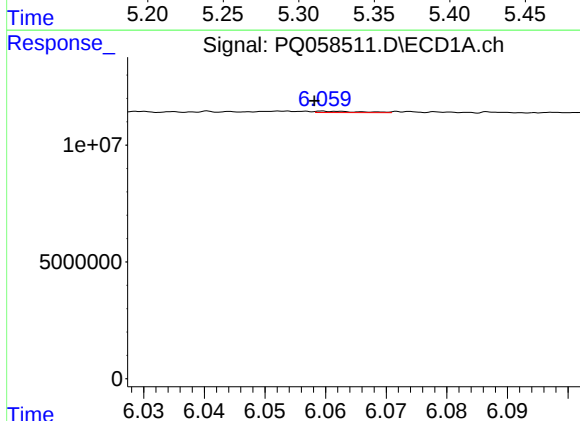
R.T.: 5.960 min
Delta R.T.: 0.002 min
Response: 293833
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



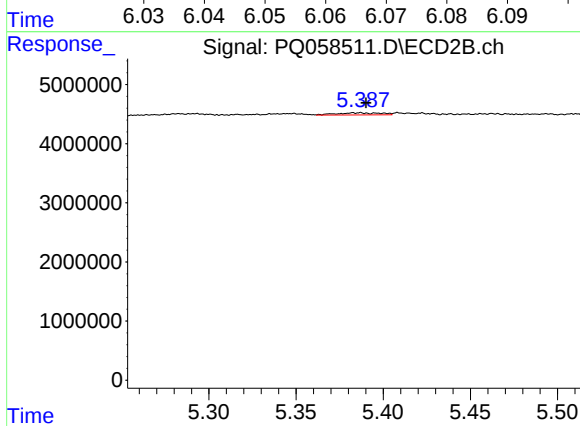
#5 AR-1016-3

R.T.: 5.348 min
Delta R.T.: -0.005 min
Response: 478403
Conc: 1.90 ng/ml



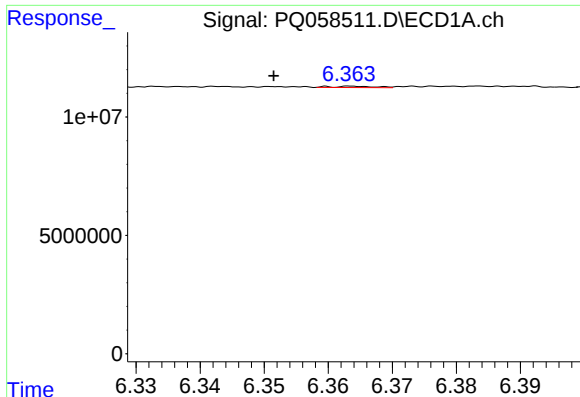
#6 AR-1016-4

R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 295347
Conc: 0.97 ng/ml



#6 AR-1016-4

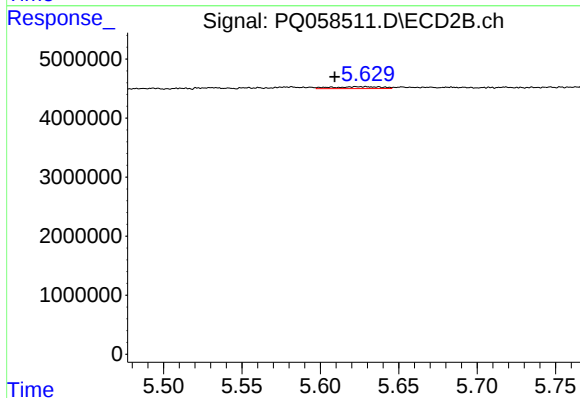
R.T.: 5.383 min
Delta R.T.: -0.007 min
Response: 630730
Conc: 3.16 ng/ml



#7 AR-1016-5

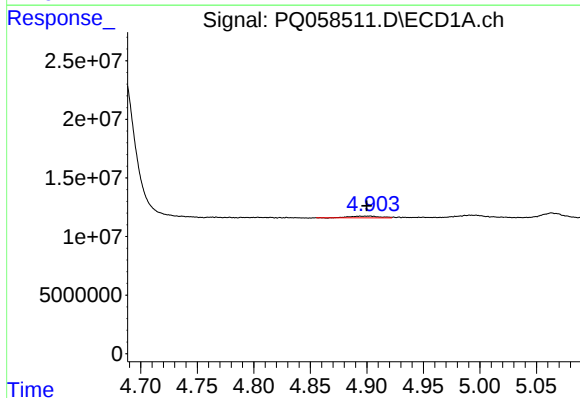
R.T.: 6.364 min
Delta R.T.: 0.013 min
Response: 263438
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



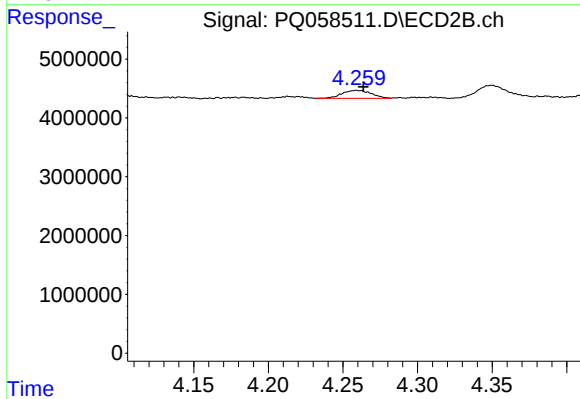
#7 AR-1016-5

R.T.: 5.629 min
Delta R.T.: 0.020 min
Response: 734308
Conc: 2.82 ng/ml



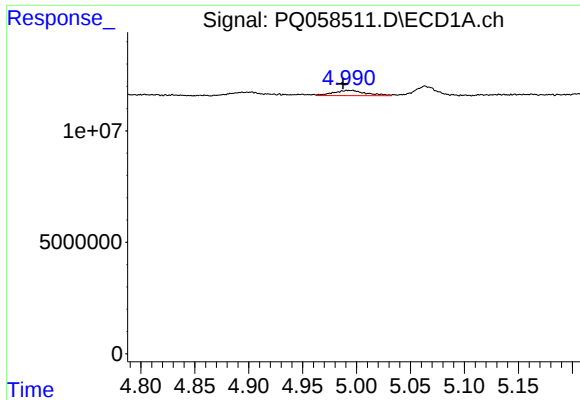
#8 AR-1221-1

R.T.: 4.903 min
Delta R.T.: 0.003 min
Response: 2688223
Conc: 23.88 ng/ml



#8 AR-1221-1

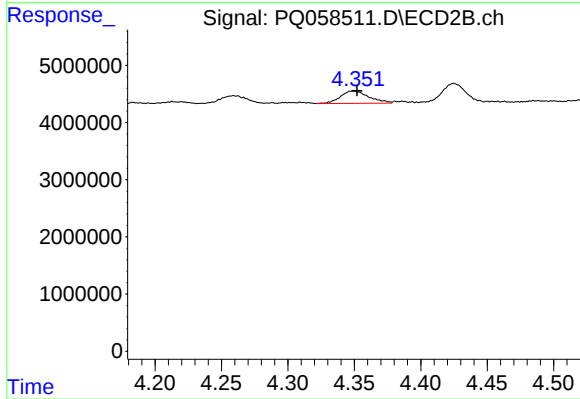
R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 1896347
Conc: 20.22 ng/ml



#9 AR-1221-2

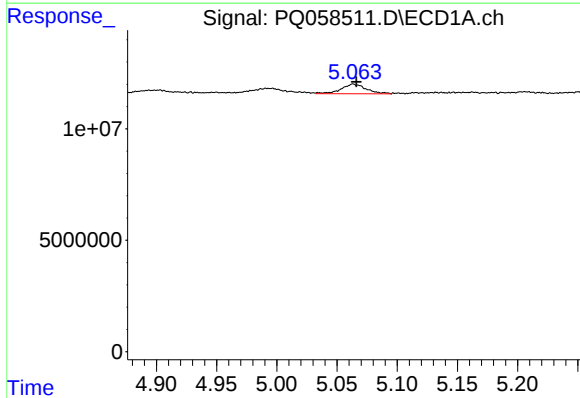
R.T.: 4.992 min
Delta R.T.: 0.005 min
Response: 4963868
Conc: 55.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



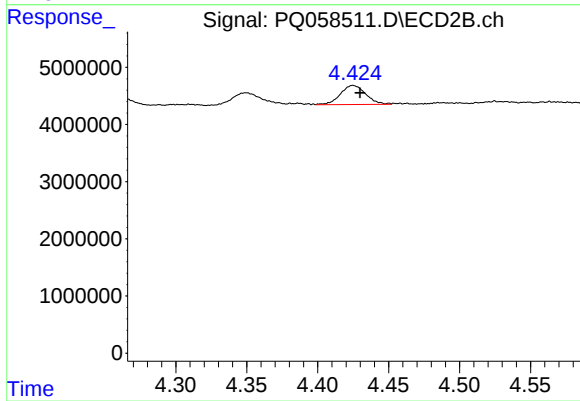
#9 AR-1221-2

R.T.: 4.350 min
Delta R.T.: -0.002 min
Response: 3219264
Conc: 46.15 ng/ml



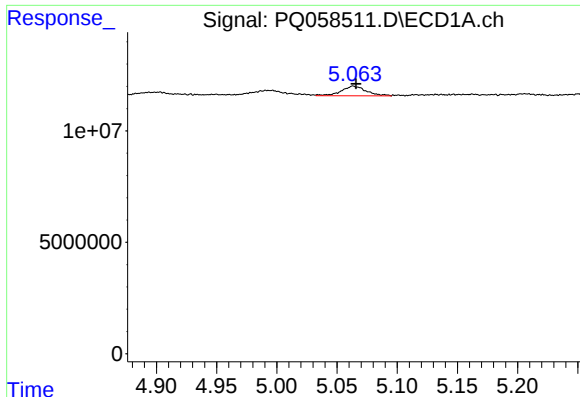
#10 AR-1221-3

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 6290780
Conc: 22.91 ng/ml



#10 AR-1221-3

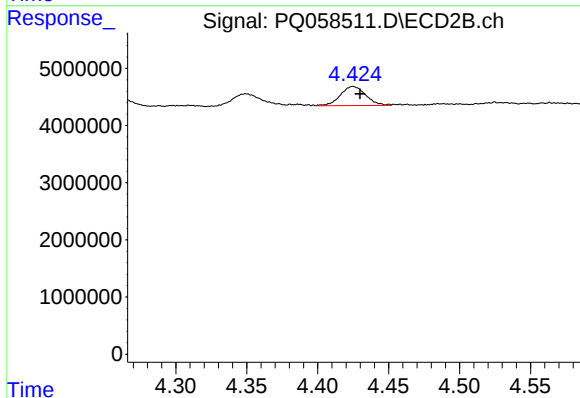
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 4198923
Conc: 18.70 ng/ml



#11 AR-1232-1

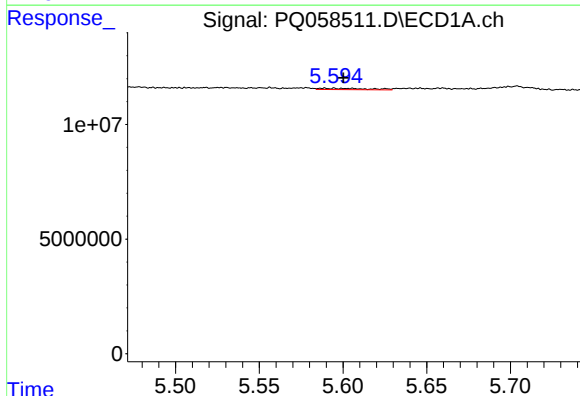
R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 6290780
Conc: 25.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



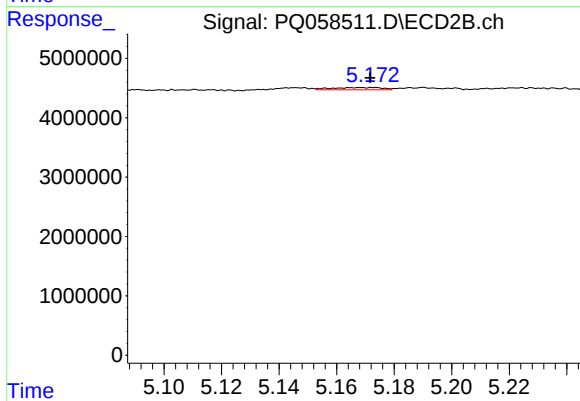
#11 AR-1232-1

R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 4198923
Conc: 20.76 ng/ml



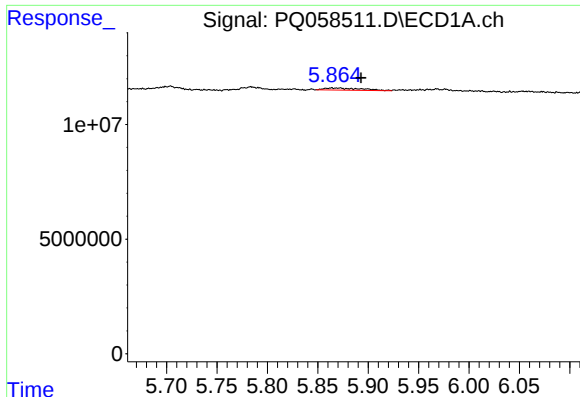
#12 AR-1232-2

R.T.: 5.589 min
Delta R.T.: -0.011 min
Response: 1178515
Conc: 10.21 ng/ml



#12 AR-1232-2

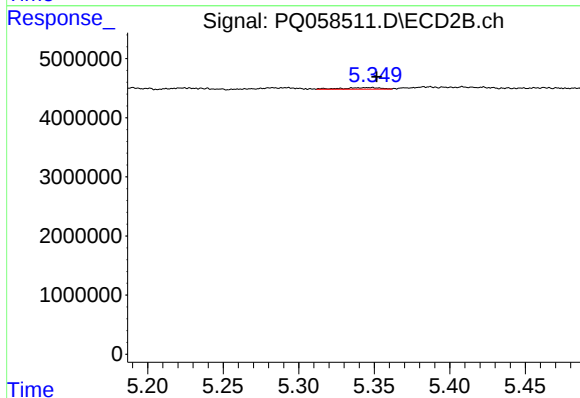
R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 472671
Conc: 2.46 ng/ml



#13 AR-1232-3

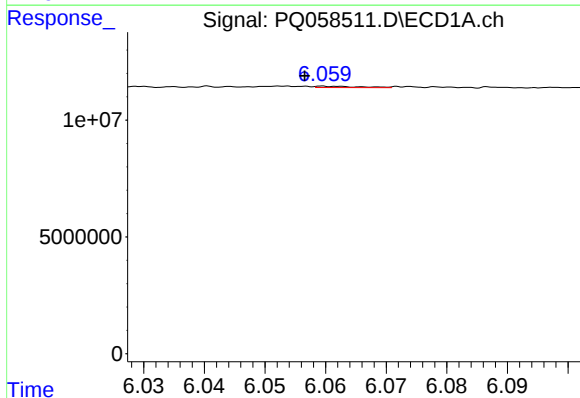
R.T.: 5.864 min
Delta R.T.: -0.029 min
Response: 2413585
Conc: 10.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



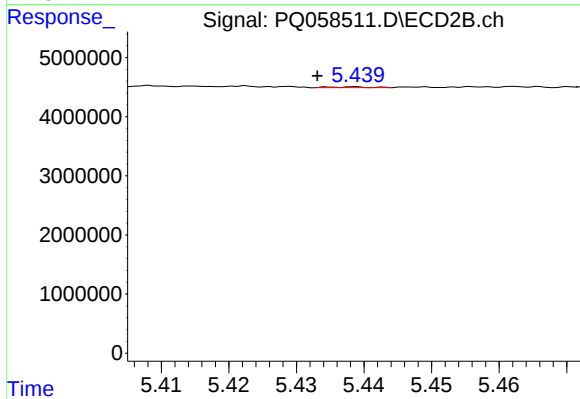
#13 AR-1232-3

R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 478403
Conc: 5.09 ng/ml



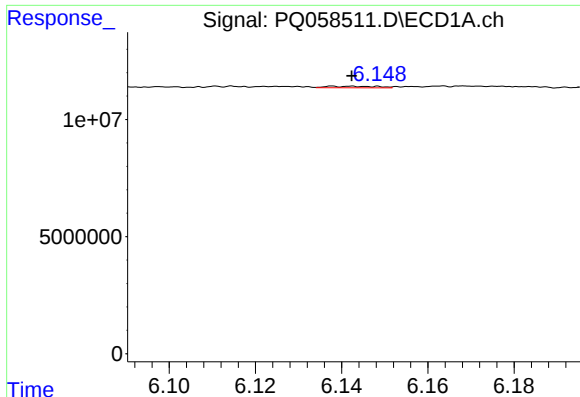
#14 AR-1232-4

R.T.: 6.060 min
Delta R.T.: 0.003 min
Response: 295347
Conc: 2.44 ng/ml



#14 AR-1232-4

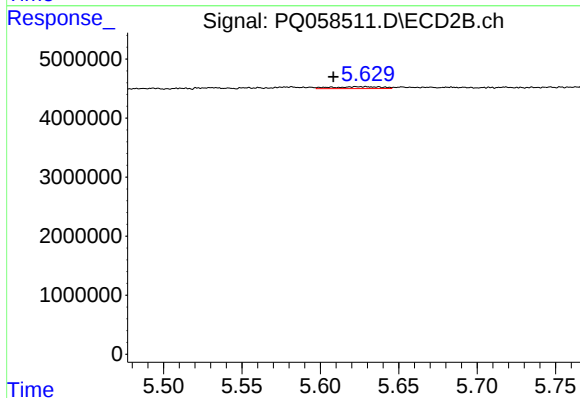
R.T.: 5.438 min
Delta R.T.: 0.005 min
Response: 49824
Conc: 0.59 ng/ml



#15 AR-1232-5

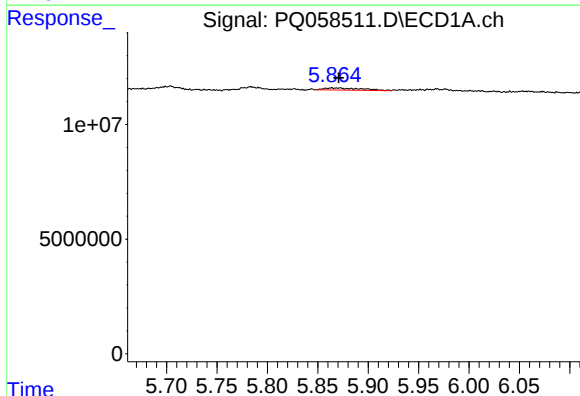
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 513859
Conc: 7.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



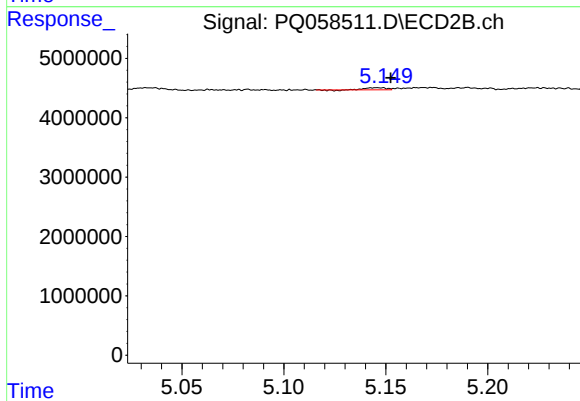
#15 AR-1232-5

R.T.: 5.629 min
Delta R.T.: 0.020 min
Response: 734308
Conc: 7.82 ng/ml



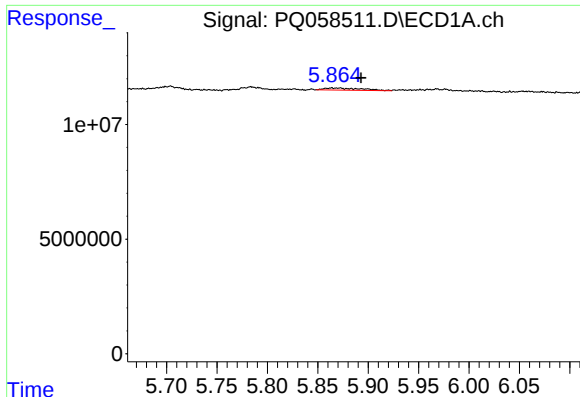
#16 AR-1242-1

R.T.: 5.864 min
Delta R.T.: -0.007 min
Response: 2413585
Conc: 11.39 ng/ml



#16 AR-1242-1

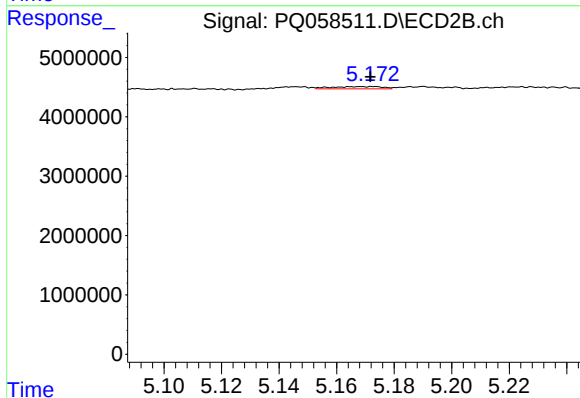
R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 230247
Conc: 1.02 ng/ml



#17 AR-1242-2

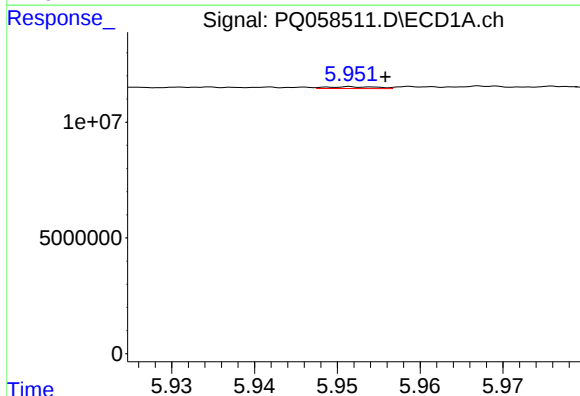
R.T.: 5.864 min
Delta R.T.: -0.029 min
Response: 2413585
Conc: 6.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



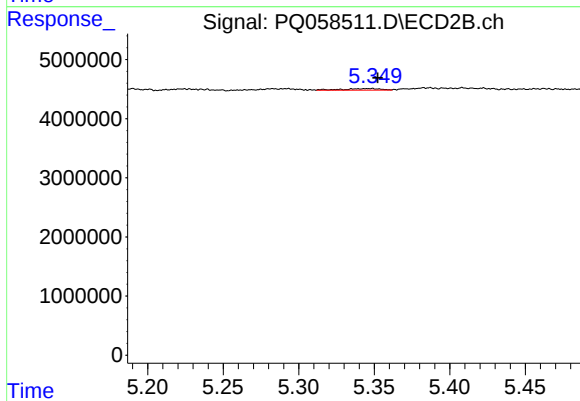
#17 AR-1242-2

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 472671
Conc: 1.48 ng/ml



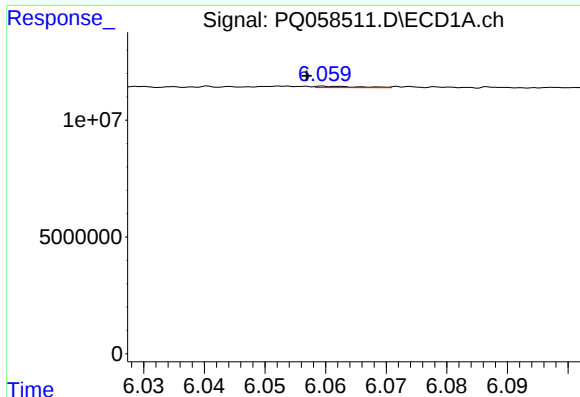
#18 AR-1242-3

R.T.: 5.952 min
Delta R.T.: -0.004 min
Response: 319687
Conc: 1.35 ng/ml



#18 AR-1242-3

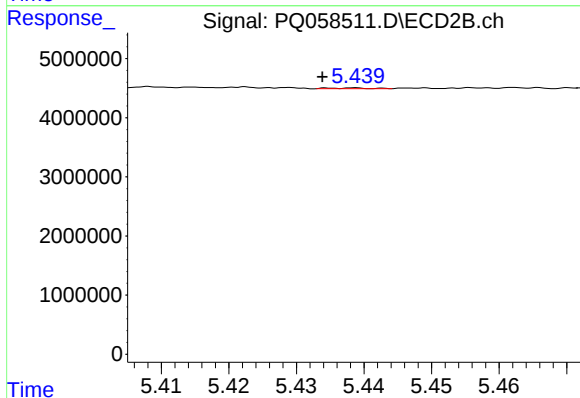
R.T.: 5.348 min
Delta R.T.: -0.004 min
Response: 478403
Conc: 2.96 ng/ml



#19 AR-1242-4

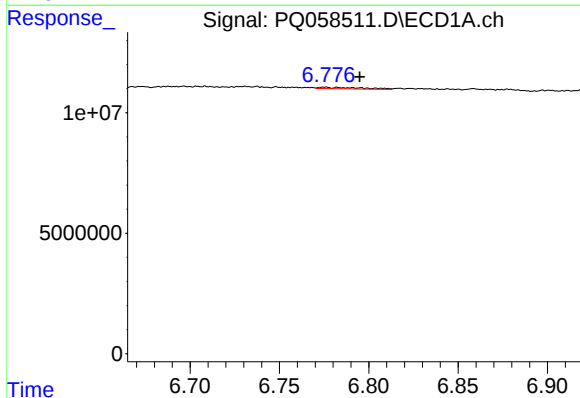
R.T.: 6.060 min
Delta R.T.: 0.003 min
Response: 295347
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



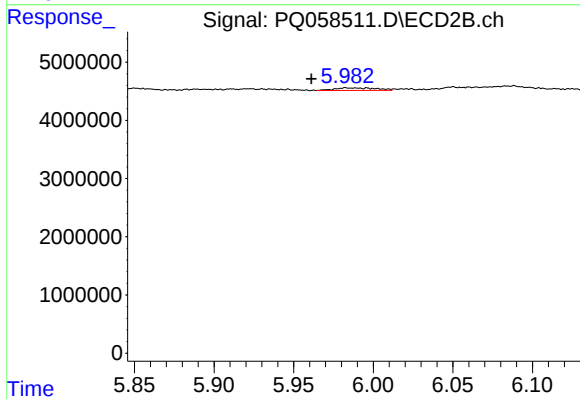
#19 AR-1242-4

R.T.: 5.438 min
Delta R.T.: 0.005 min
Response: 49824
Conc: 0.31 ng/ml



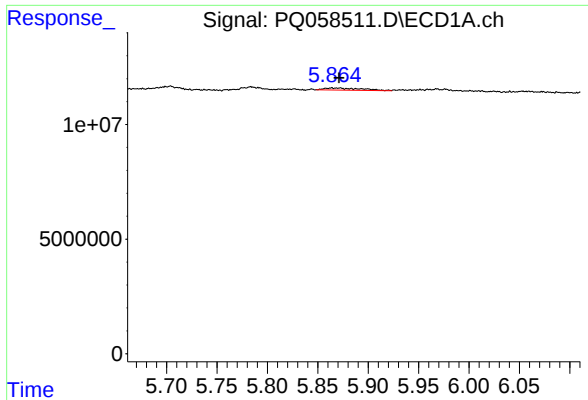
#20 AR-1242-5

R.T.: 6.776 min
Delta R.T.: -0.019 min
Response: 1000761
Conc: 5.86 ng/ml



#20 AR-1242-5

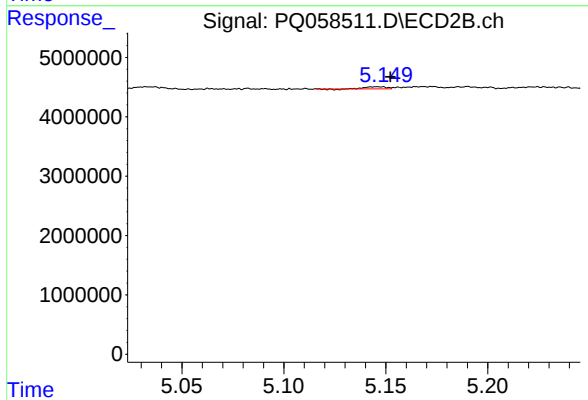
R.T.: 5.983 min
Delta R.T.: 0.022 min
Response: 770025
Conc: 4.12 ng/ml



#21 AR-1248-1

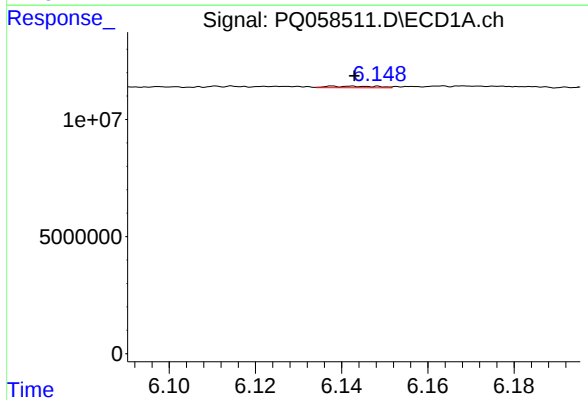
R.T.: 5.864 min
Delta R.T.: -0.007 min
Response: 2413585
Conc: 17.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



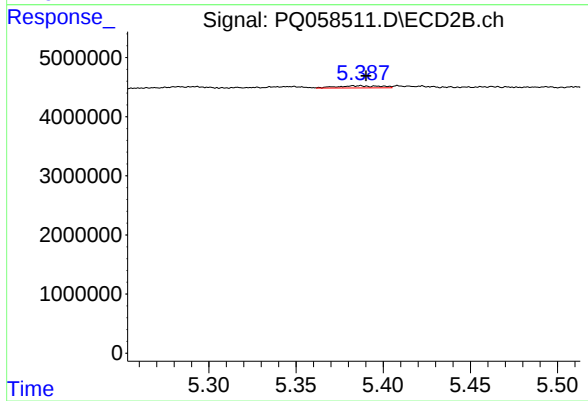
#21 AR-1248-1

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 230247
Conc: 1.55 ng/ml



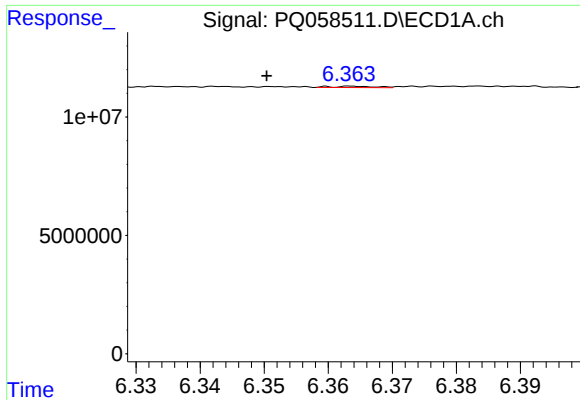
#22 AR-1248-2

R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 513859
Conc: 2.73 ng/ml



#22 AR-1248-2

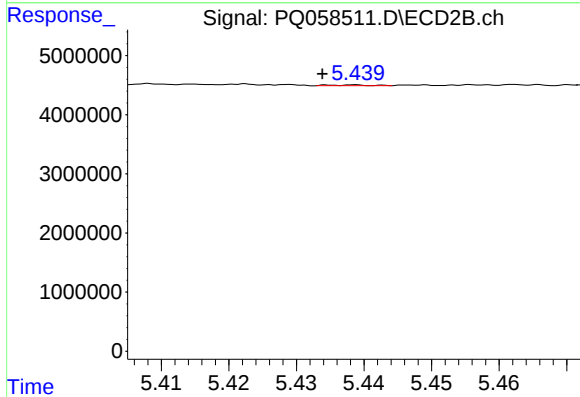
R.T.: 5.383 min
Delta R.T.: -0.007 min
Response: 630730
Conc: 3.23 ng/ml



#23 AR-1248-3

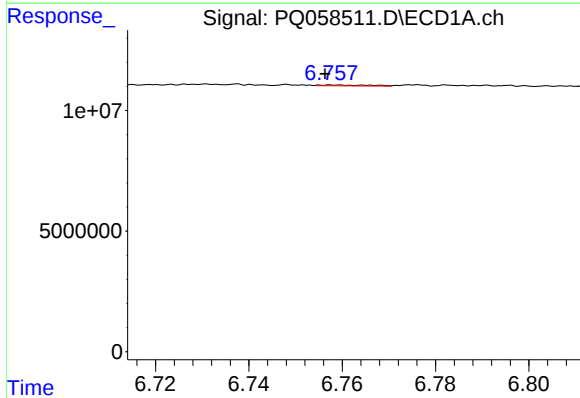
R.T.: 6.364 min
Delta R.T.: 0.014 min
Response: 263438
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



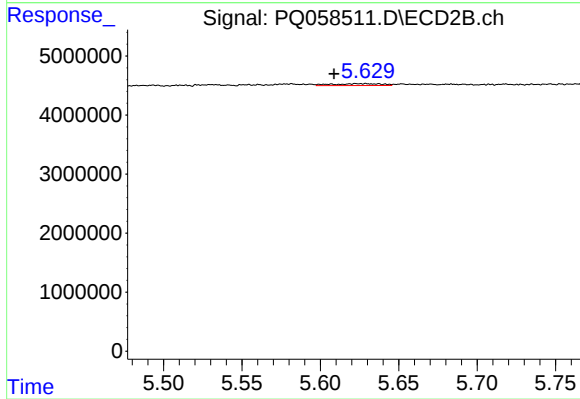
#23 AR-1248-3

R.T.: 5.438 min
Delta R.T.: 0.005 min
Response: 49824
Conc: 0.25 ng/ml



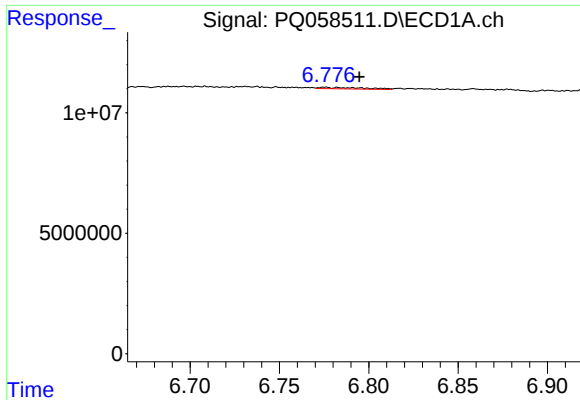
#24 AR-1248-4

R.T.: 6.758 min
Delta R.T.: 0.002 min
Response: 286351
Conc: 1.19 ng/ml



#24 AR-1248-4

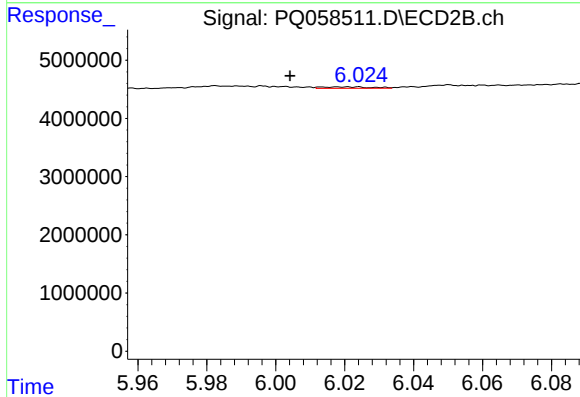
R.T.: 5.629 min
Delta R.T.: 0.020 min
Response: 734308
Conc: 3.01 ng/ml



#25 AR-1248-5

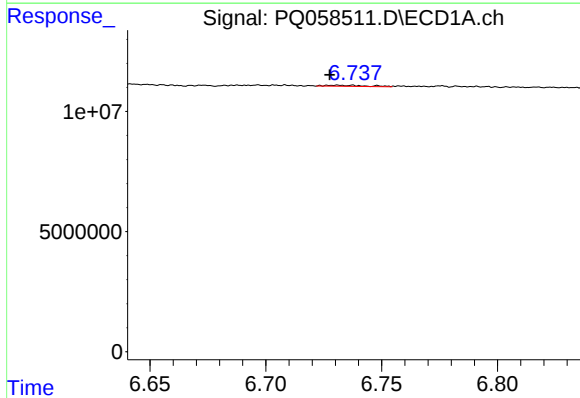
R.T.: 6.776 min
Delta R.T.: -0.019 min
Response: 1000761
Conc: 3.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



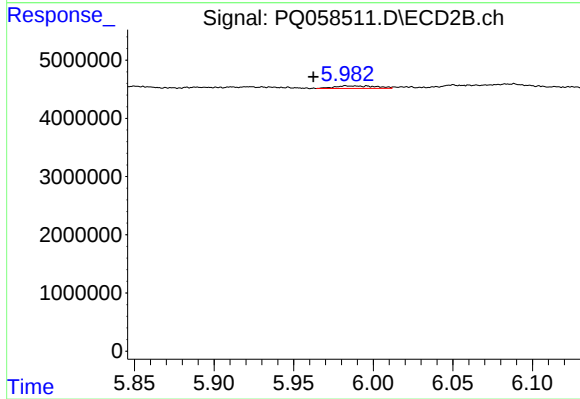
#25 AR-1248-5

R.T.: 6.019 min
Delta R.T.: 0.015 min
Response: 243748
Conc: 1.09 ng/ml



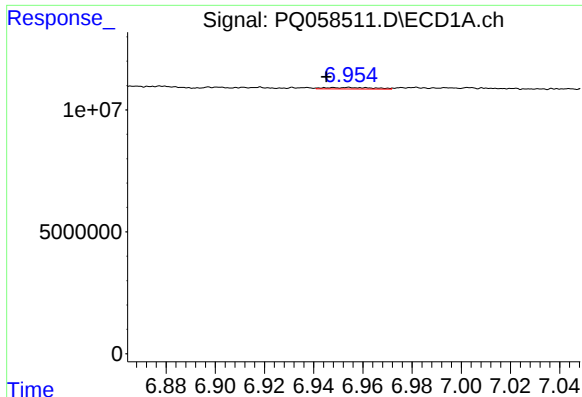
#26 AR-1254-1

R.T.: 6.731 min
Delta R.T.: 0.003 min
Response: 575058
Conc: 1.97 ng/ml



#26 AR-1254-1

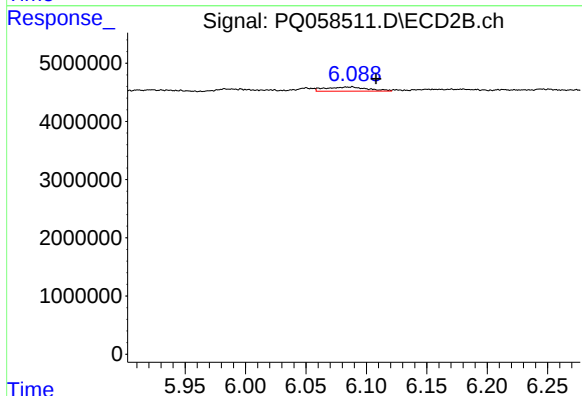
R.T.: 5.983 min
Delta R.T.: 0.020 min
Response: 770025
Conc: 1.69 ng/ml



#27 AR-1254-2

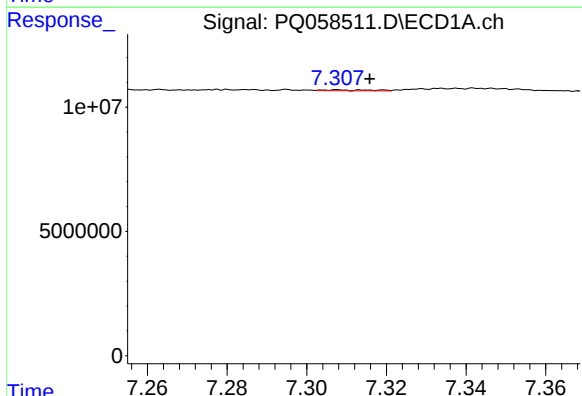
R.T.: 6.954 min
Delta R.T.: 0.009 min
Response: 830401
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



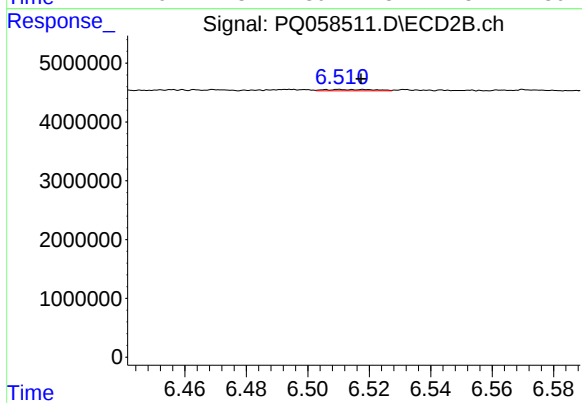
#27 AR-1254-2

R.T.: 6.088 min
Delta R.T.: -0.020 min
Response: 1702269
Conc: 4.23 ng/ml



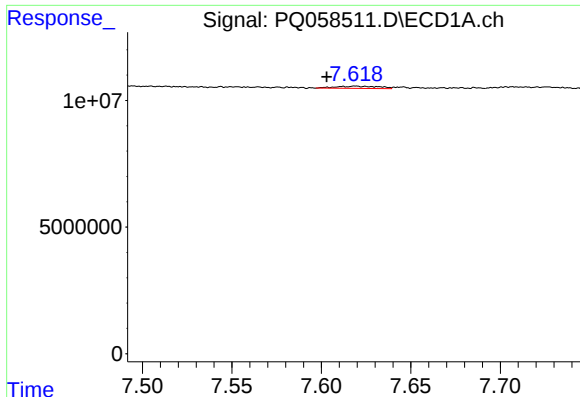
#28 AR-1254-3

R.T.: 7.308 min
Delta R.T.: -0.008 min
Response: 348586
Conc: 0.67 ng/ml



#28 AR-1254-3

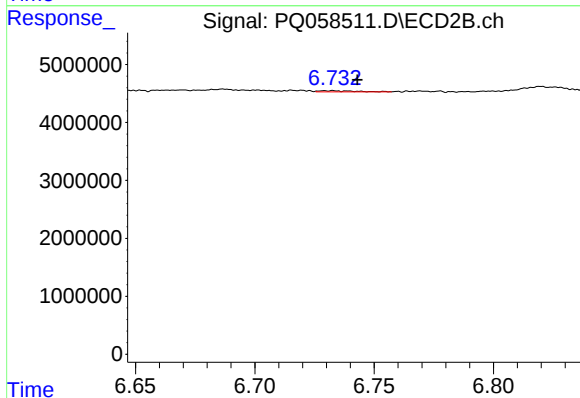
R.T.: 6.510 min
Delta R.T.: -0.007 min
Response: 245873
Conc: 0.37 ng/ml



#29 AR-1254-4

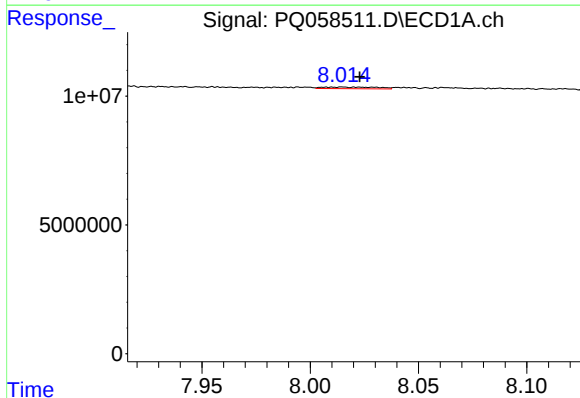
R.T.: 7.619 min
Delta R.T.: 0.016 min
Response: 1493047
Conc: 3.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



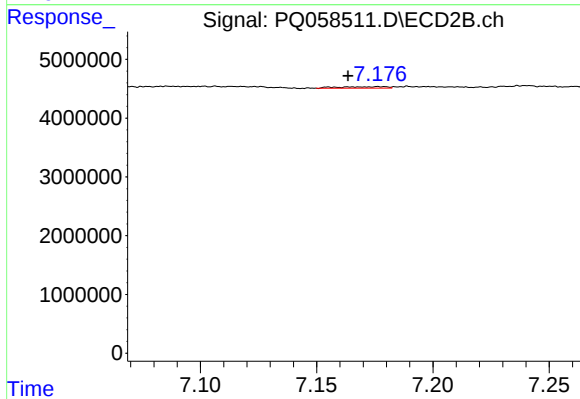
#29 AR-1254-4

R.T.: 6.732 min
Delta R.T.: -0.011 min
Response: 194271
Conc: 0.49 ng/ml



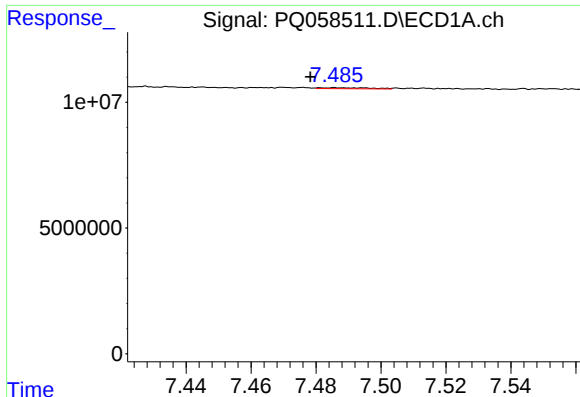
#30 AR-1254-5

R.T.: 8.015 min
Delta R.T.: -0.008 min
Response: 1141133
Conc: 2.57 ng/ml



#30 AR-1254-5

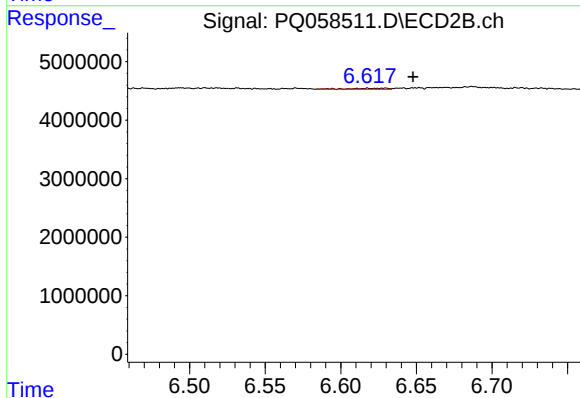
R.T.: 7.177 min
Delta R.T.: 0.014 min
Response: 360751
Conc: 0.64 ng/ml



#31 AR-1260-1

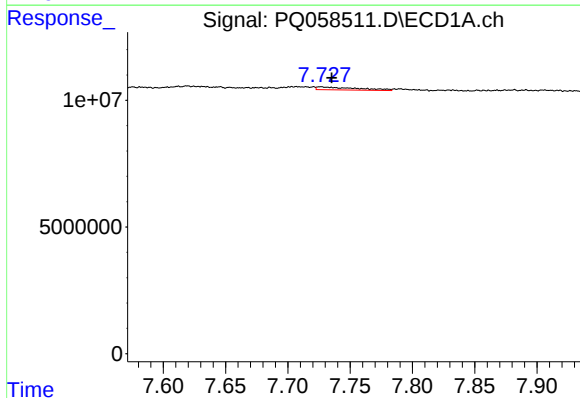
R.T.: 7.486 min
Delta R.T.: 0.008 min
Response: 436474
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



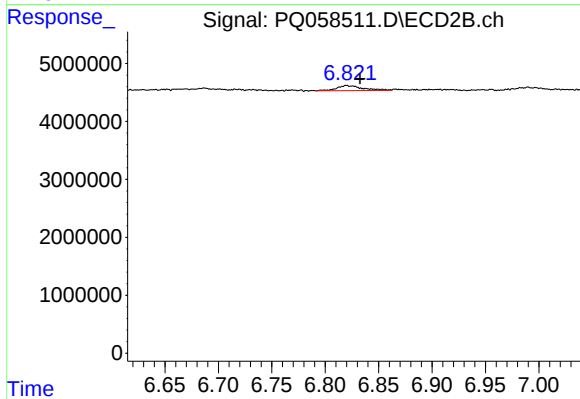
#31 AR-1260-1

R.T.: 6.618 min
Delta R.T.: -0.030 min
Response: 285074
Conc: 0.61 ng/ml



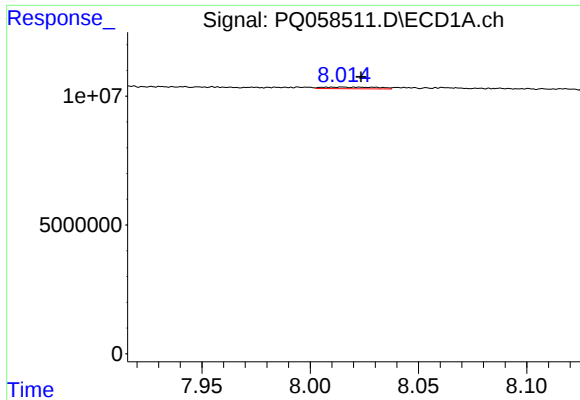
#32 AR-1260-2

R.T.: 7.726 min
Delta R.T.: -0.009 min
Response: 2606690
Conc: 5.40 ng/ml



#32 AR-1260-2

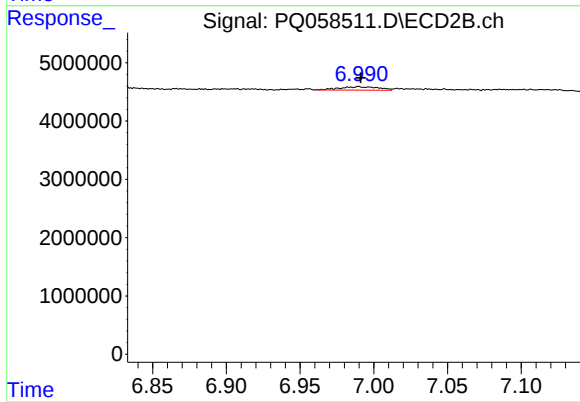
R.T.: 6.820 min
Delta R.T.: -0.013 min
Response: 1452805
Conc: 2.58 ng/ml



#33 AR-1260-3

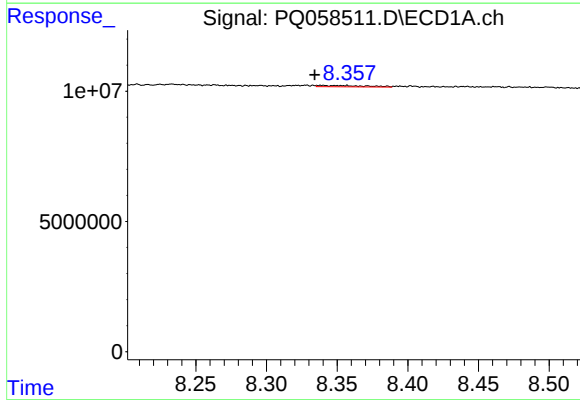
R.T.: 8.015 min
Delta R.T.: -0.009 min
Response: 1141133
Conc: 1.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



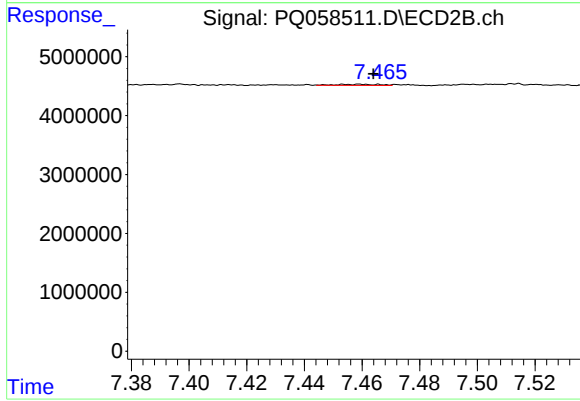
#33 AR-1260-3

R.T.: 6.990 min
Delta R.T.: -0.001 min
Response: 1073863
Conc: 2.06 ng/ml



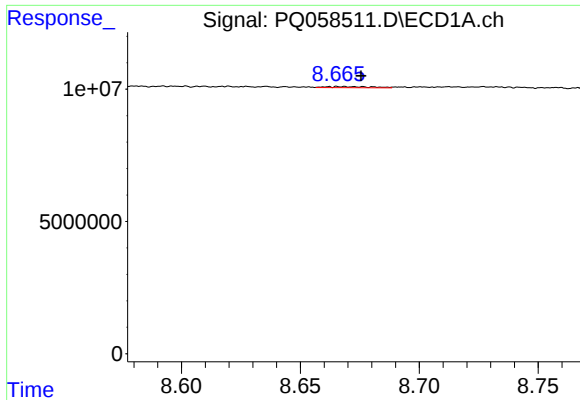
#34 AR-1260-4

R.T.: 8.339 min
Delta R.T.: 0.005 min
Response: 1229012
Conc: 2.79 ng/ml



#34 AR-1260-4

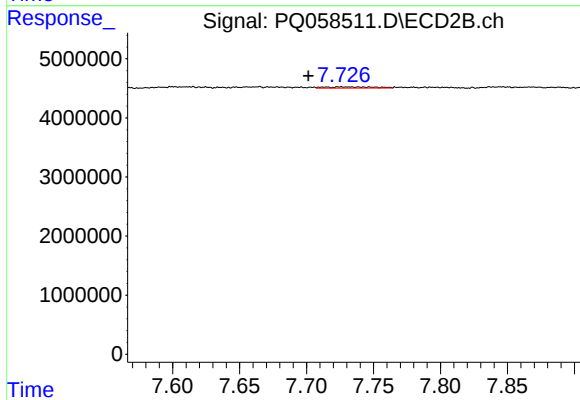
R.T.: 7.454 min
Delta R.T.: -0.010 min
Response: 193003
Conc: 0.50 ng/ml



#35 AR-1260-5

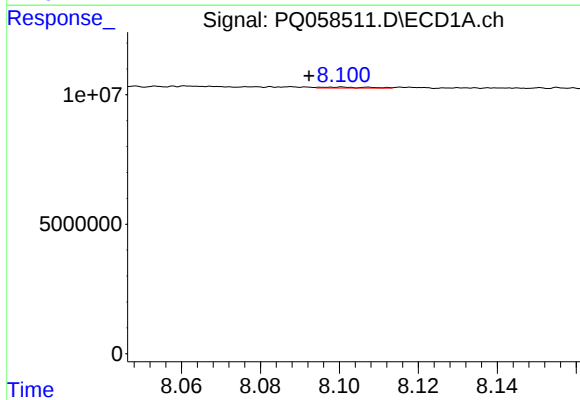
R.T.: 8.667 min
Delta R.T.: -0.008 min
Response: 609311
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



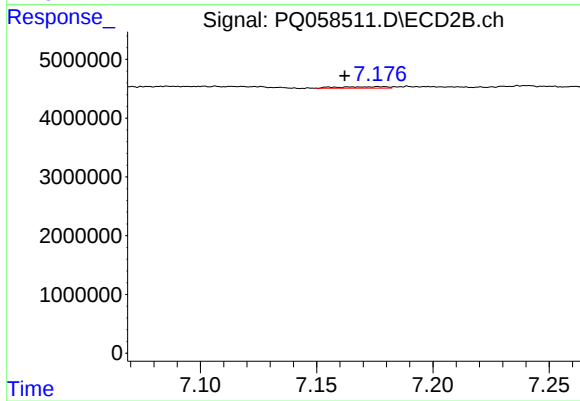
#35 AR-1260-5

R.T.: 7.725 min
Delta R.T.: 0.024 min
Response: 552203
Conc: 0.59 ng/ml



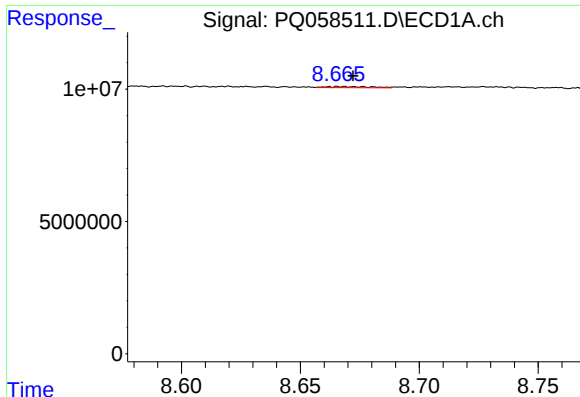
#36 AR-1262-1

R.T.: 8.101 min
Delta R.T.: 0.008 min
Response: 319822
Conc: 0.62 ng/ml



#36 AR-1262-1

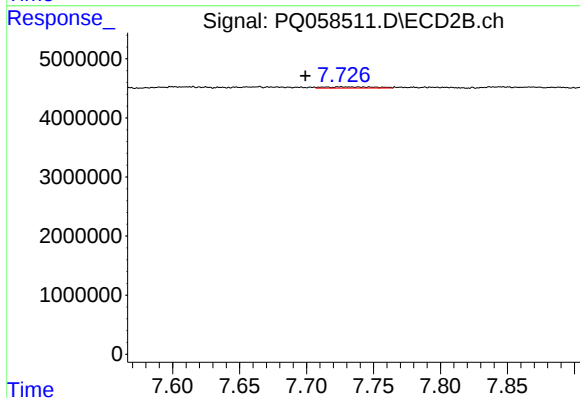
R.T.: 7.177 min
Delta R.T.: 0.015 min
Response: 360751
Conc: 1.28 ng/ml



#37 AR-1262-2

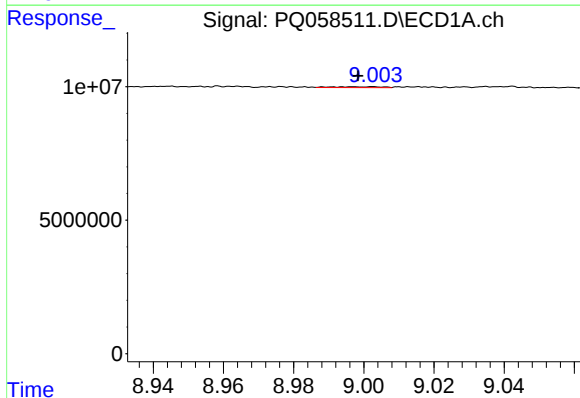
R.T.: 8.667 min
Delta R.T.: -0.005 min
Response: 609311
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



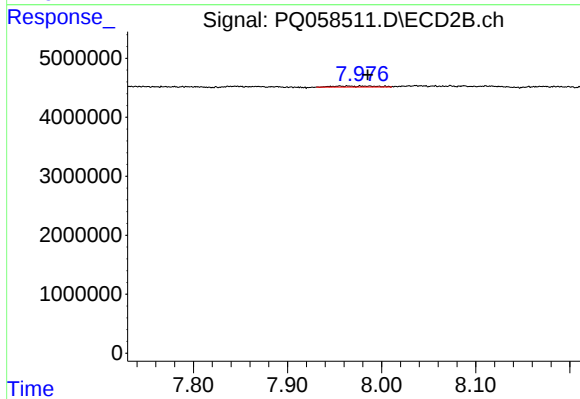
#37 AR-1262-2

R.T.: 7.725 min
Delta R.T.: 0.026 min
Response: 552203
Conc: 0.53 ng/ml



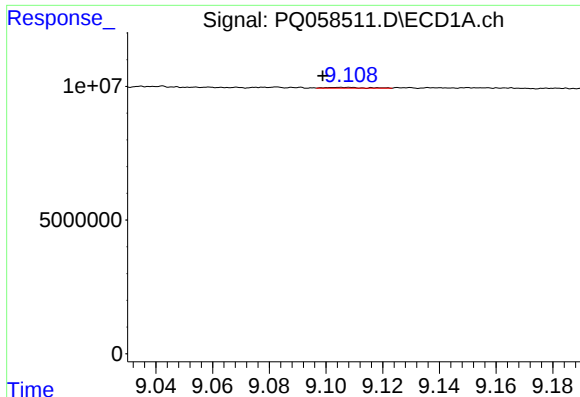
#38 AR-1262-3

R.T.: 9.003 min
Delta R.T.: 0.004 min
Response: 329041
Conc: 0.60 ng/ml



#38 AR-1262-3

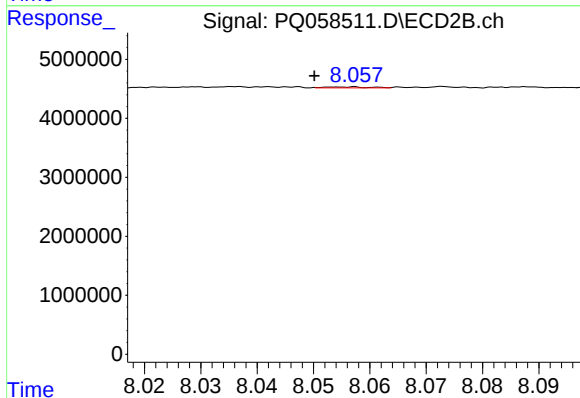
R.T.: 7.956 min
Delta R.T.: -0.030 min
Response: 555416
Conc: 1.43 ng/ml



#39 AR-1262-4

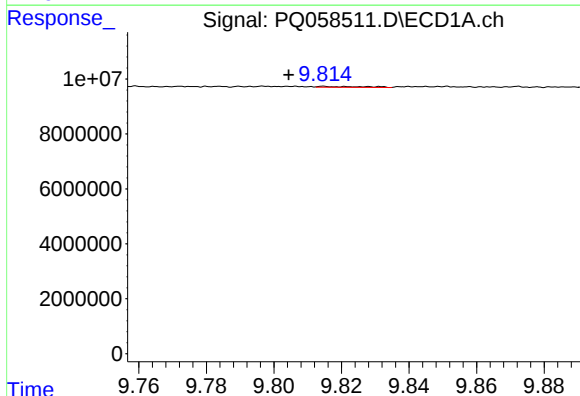
R.T.: 9.106 min
Delta R.T.: 0.007 min
Response: 253576
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



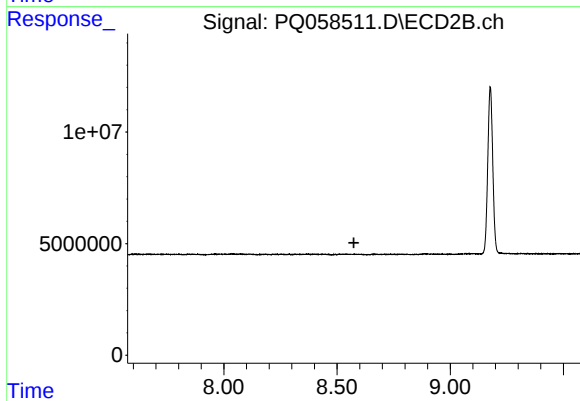
#39 AR-1262-4

R.T.: 8.056 min
Delta R.T.: 0.006 min
Response: 91231
Conc: 0.12 ng/ml



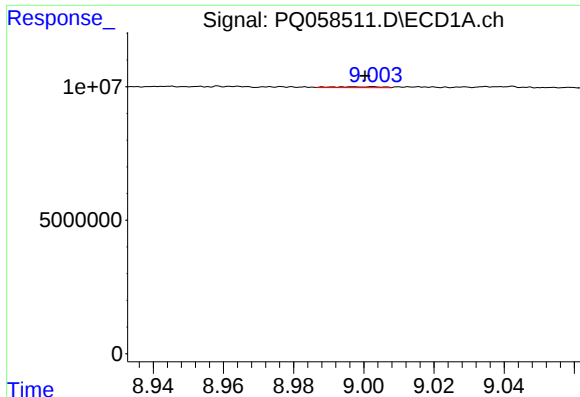
#40 AR-1262-5

R.T.: 9.815 min
Delta R.T.: 0.010 min
Response: 295282
Conc: 0.63 ng/ml



#40 AR-1262-5

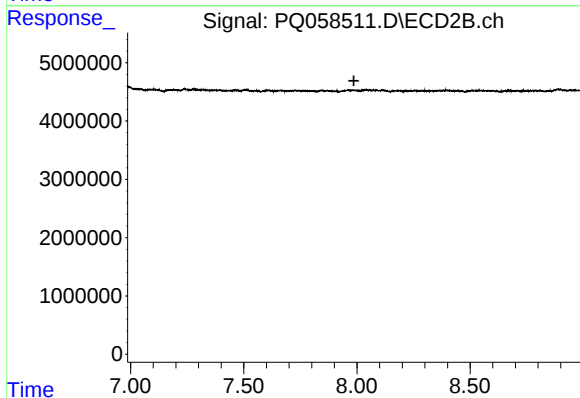
R.T.: 0.000 min
Exp R.T. : 8.575 min
Response: 0
Conc: N.D.



#41 AR-1268-1

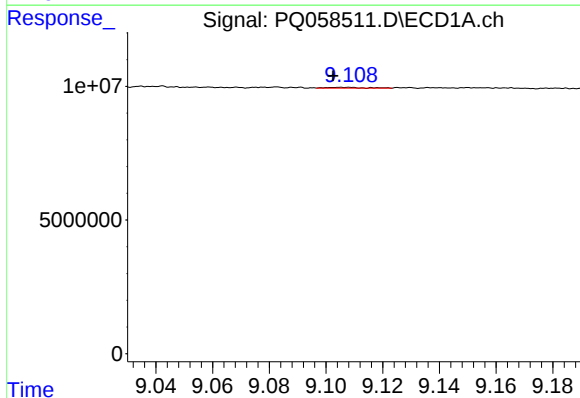
R.T.: 9.003 min
Delta R.T.: 0.002 min
Response: 329041
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



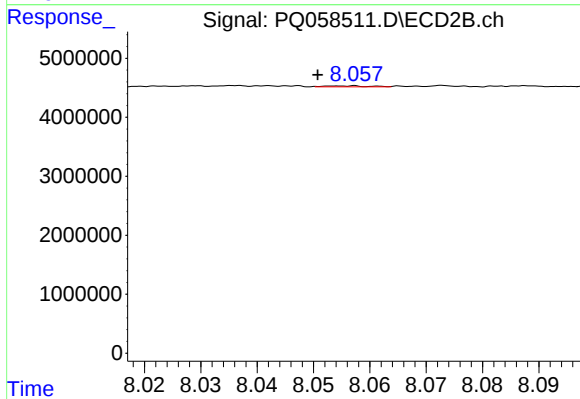
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.986 min
Response: 0
Conc: N.D.



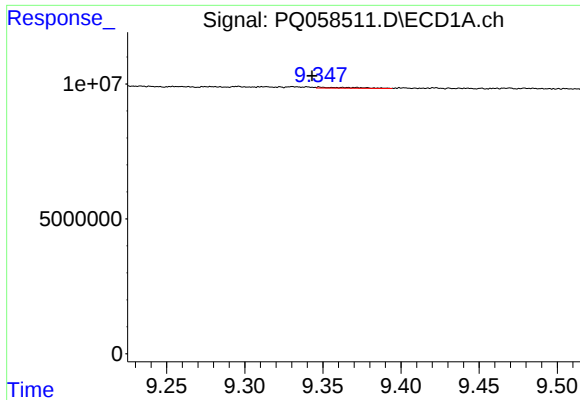
#42 AR-1268-2

R.T.: 9.106 min
Delta R.T.: 0.004 min
Response: 253576
Conc: 0.19 ng/ml



#42 AR-1268-2

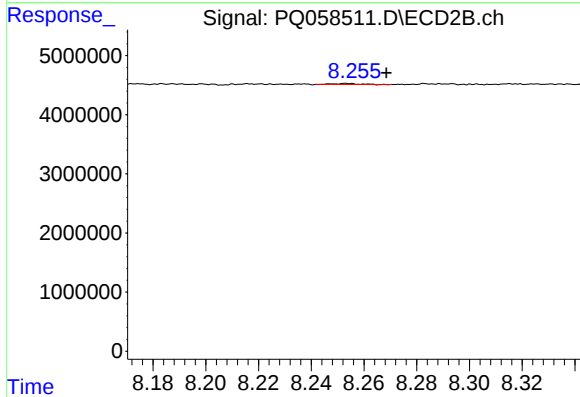
R.T.: 8.056 min
Delta R.T.: 0.005 min
Response: 91231
Conc: 0.09 ng/ml



#43 AR-1268-3

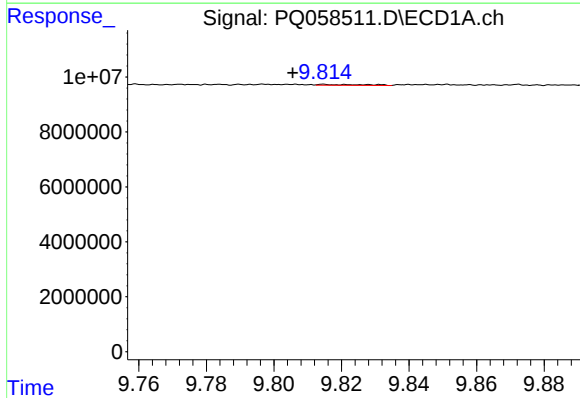
R.T.: 9.348 min
Delta R.T.: 0.005 min
Response: 593285
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



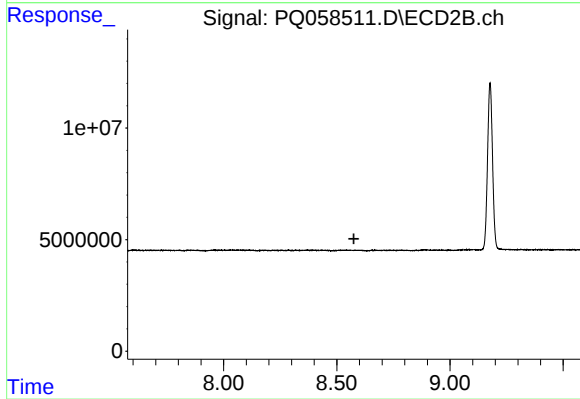
#43 AR-1268-3

R.T.: 8.254 min
Delta R.T.: -0.015 min
Response: 111530
Conc: 0.13 ng/ml



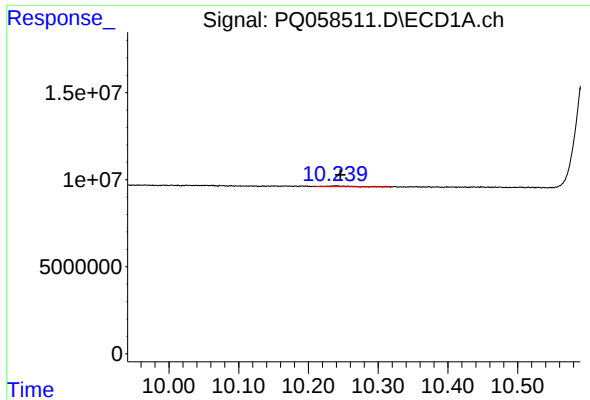
#44 AR-1268-4

R.T.: 9.815 min
Delta R.T.: 0.009 min
Response: 295282
Conc: 0.62 ng/ml



#44 AR-1268-4

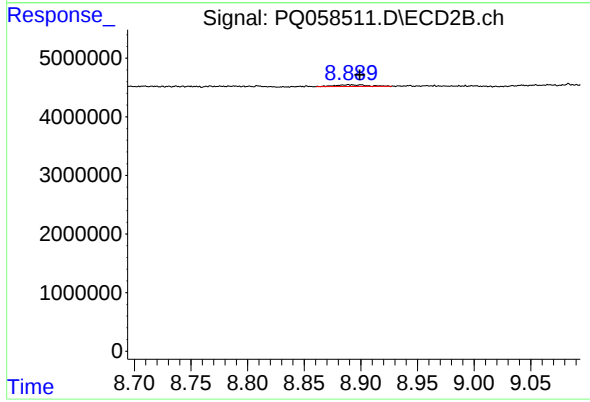
R.T.: 0.000 min
Exp R.T. : 8.575 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.240 min
Delta R.T.: -0.006 min
Response: 1340114
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.889 min
Delta R.T.: -0.010 min
Response: 589638
Conc: 0.22 ng/ml