

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101022\
 Data File : PQ059553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2022 16:31
 Operator : YP\AJ
 Sample : N4982-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 18:03:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 2022
 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...	3.484	2.830	275.2E6	198.2E6	19.990	21.878
2)	SA Decachlor...	8.654	7.606	187.0E6	280.6E6	37.652	36.741
Target Compounds							
3)	L1 AR-1016-1	4.543f	3.863	5233770	1503652	12.480	5.332 #
4)	L1 AR-1016-2	4.543f	3.863	5233770	1503652	8.442	3.540 #
5)	L1 AR-1016-3	4.671	4.016	1194789	1109027	3.027	4.986 #
6)	L1 AR-1016-4	4.752	4.046	472854	1072900	1.436	6.276 #
7)	L1 AR-1016-5	5.024	4.249	1502572	7402406	4.790	32.856 #
8)	L2 AR-1221-1	3.663	3.043	155093	273766	1.048	2.756 #
9)	L2 AR-1221-2	3.763	3.101	3495533	2791031	33.775	40.775
10)	L2 AR-1221-3	3.833	3.174	261773	596253	0.786	2.600 #
11)	L3 AR-1232-1	3.833	3.174	261773	596253	0.930	3.097 #
12)	L3 AR-1232-2	4.308	3.863	840413	1503652	5.720	7.984 #
13)	L3 AR-1232-3	4.543f	4.016	5233770	1109027	18.340	11.373 #
14)	L3 AR-1232-4	4.752	4.117	472854	5613742	3.160	68.769 #
15)	L3 AR-1232-5	4.836	4.249	134138	7402406	1.278	77.524 #
16)	L4 AR-1242-1	4.543f	3.863	5233770	1503652	15.025	6.480 #
17)	L4 AR-1242-2	4.543f	3.863	5233770	1503652	10.232	4.314 #
18)	L4 AR-1242-3	4.671	4.016	1194789	1109027	3.695	6.069 #
19)	L4 AR-1242-4	4.752	4.117	472854	5613742	1.755	33.282 #
20)	L4 AR-1242-5	5.473	4.593	3456576	543898	12.862	2.459 #
21)	L5 AR-1248-1	4.543f	3.863	5233770	1503652	19.733	8.458 #
22)	L5 AR-1248-2	4.836	4.046	134138	1072900	0.376	4.250 #
23)	L5 AR-1248-3	5.024	4.117	1502572	5613742	3.499	22.235 #
24)	L5 AR-1248-4	5.407	4.249	9827295	7402406	21.142	23.700
25)	L5 AR-1248-5	5.473	4.655	3456576	1037578	7.509	3.302 #
26)	L6 AR-1254-1	5.407	4.593	9827295	543898	20.491	1.113 #
27)	L6 AR-1254-2	5.605	4.737	444291	1234545	0.597	2.851 #
28)	L6 AR-1254-3	5.958	5.119	3039341	3816997	3.884	5.508 #
29)	L6 AR-1254-4	6.292f	5.403f	194479	3255419	0.356	7.562 #
30)	L6 AR-1254-5	6.646	5.750	120505	182222	0.203	0.294 #
31)	L7 AR-1260-1	0.000	5.252	0	1468114	N.D.	3.258 #
32)	L7 AR-1260-2	6.329f	5.471	246858	149134	0.387	0.271 #
33)	L7 AR-1260-3	0.000	5.589	0	363628	N.D.	0.701 #
34)	L7 AR-1260-4	0.000	6.048	0	4529696	N.D.	10.247 #
35)	L7 AR-1260-5	0.000	6.304	0	1431420	N.D.	1.404 #
36)	L8 AR-1262-1	0.000	5.750f	0	182222	N.D.	0.286 #
37)	L8 AR-1262-2	0.000	6.304	0	1431420	N.D.	1.224 #
39)	L8 AR-1262-4	0.000	6.659	0	506205	N.D.	0.578 #
40)	L8 AR-1262-5	0.000	7.093	0	1343993	N.D.	3.382 #
42)	L9 AR-1268-2	0.000	6.659	0	506205	N.D.	0.391 #
43)	L9 AR-1268-3	0.000	6.829	0	327670	N.D.	0.297 #

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Integration File signal 1: autoint1.e
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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
44) L9	AR-1268-4	0.000	7.093	0	1343993	N.D.	2.967 #
45) L9	AR-1268-5	8.420	7.388	863119	3005902	0.383	0.841 #

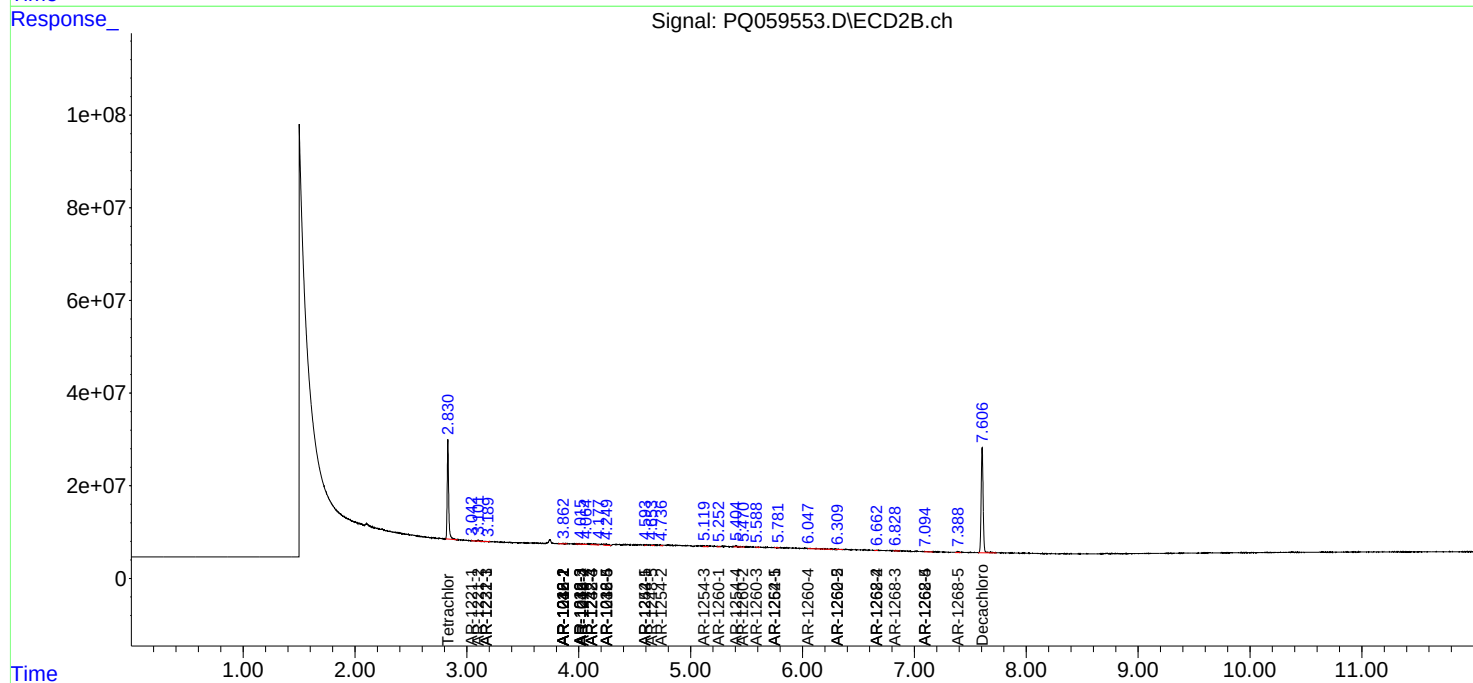
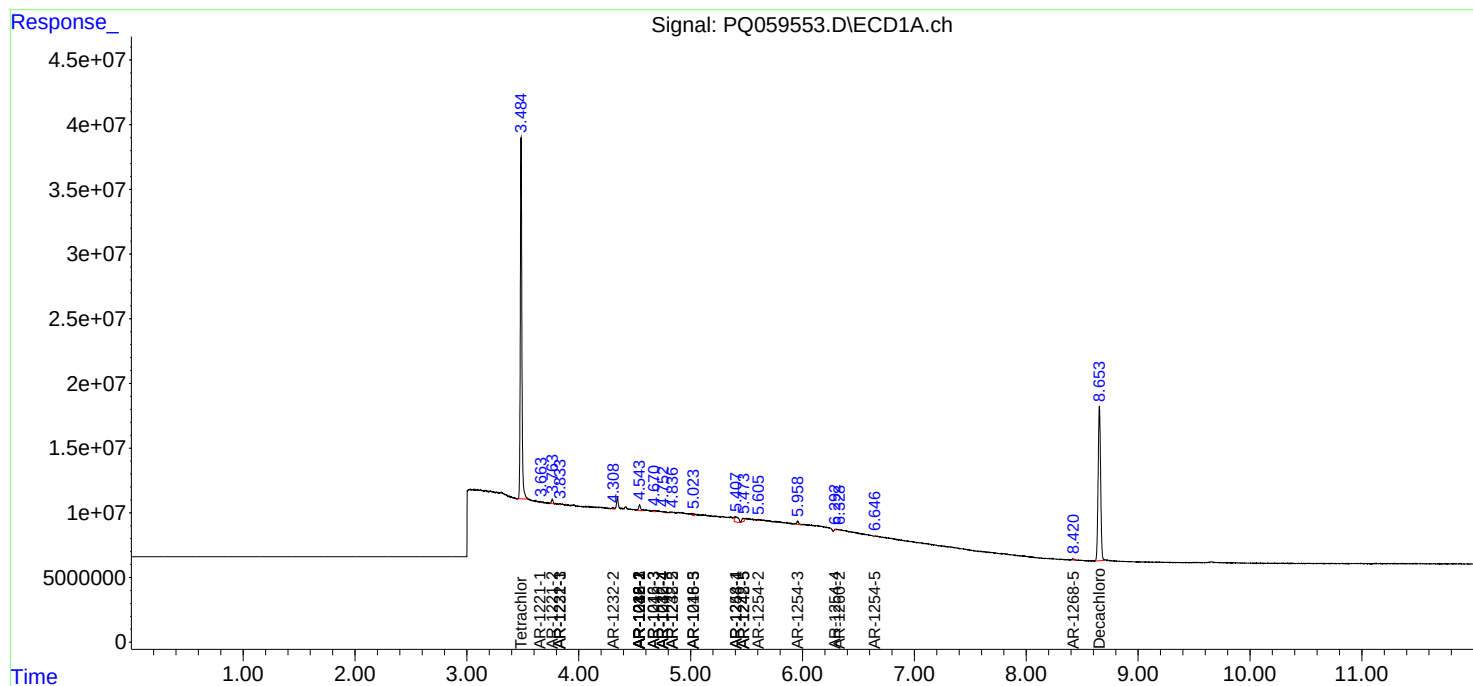
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

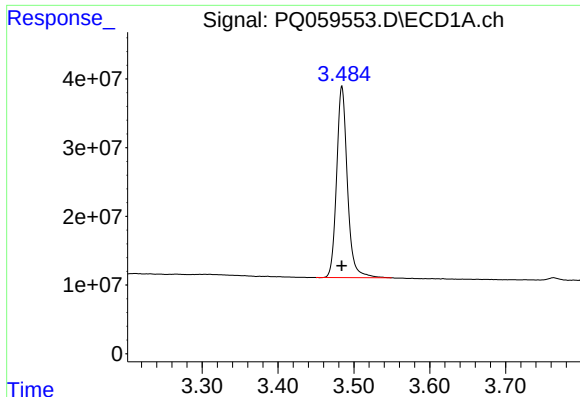
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101022\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

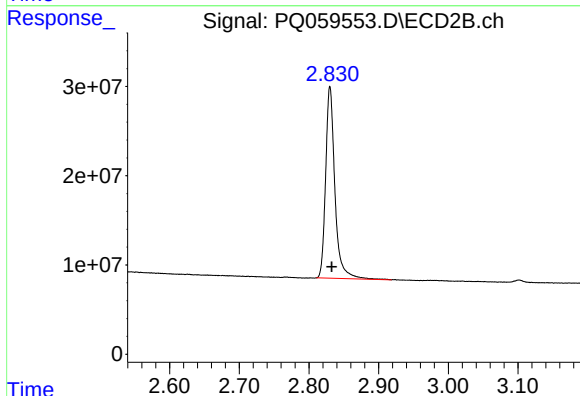




#1 Tetrachloro-m-xylene

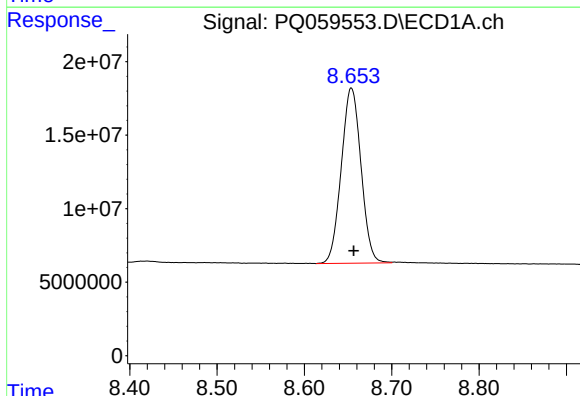
R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 275241511
Conc: 19.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



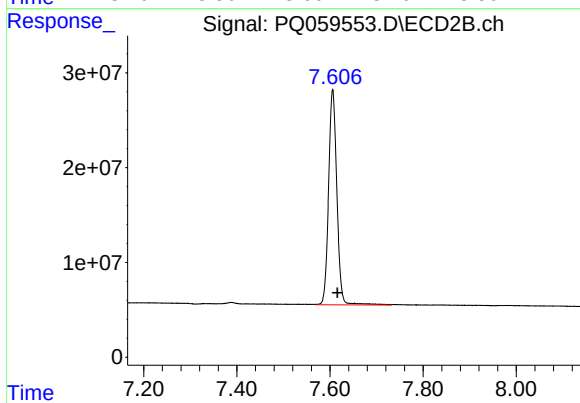
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: -0.002 min
Response: 198180552
Conc: 21.88 ng/ml



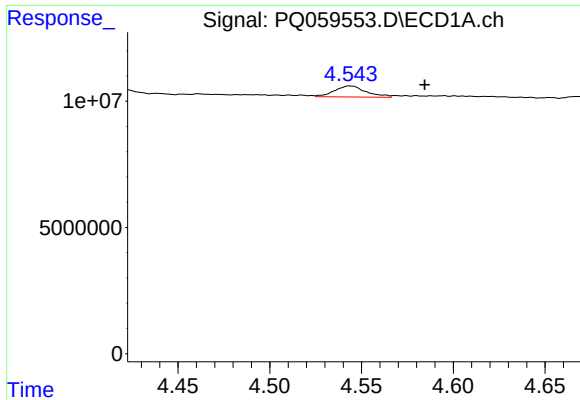
#2 Decachlorobiphenyl

R.T.: 8.654 min
Delta R.T.: -0.003 min
Response: 186985603
Conc: 37.65 ng/ml



#2 Decachlorobiphenyl

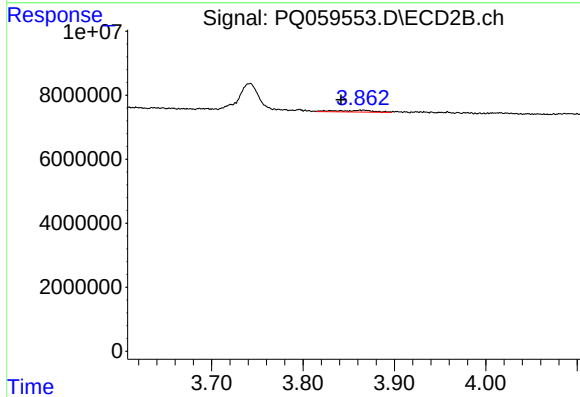
R.T.: 7.606 min
Delta R.T.: -0.010 min
Response: 280560512
Conc: 36.74 ng/ml



#3 AR-1016-1

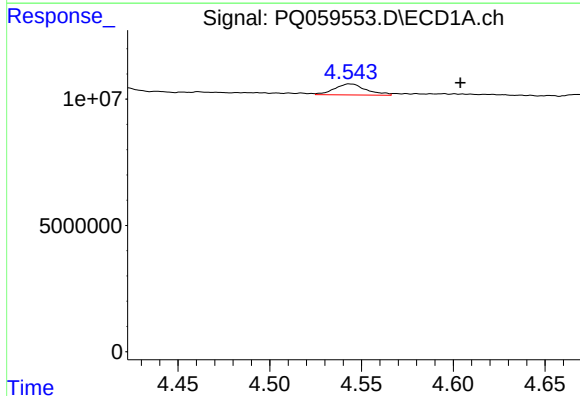
R.T.: 4.543 min
Delta R.T.: -0.041 min
Response: 5233770
Conc: 12.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



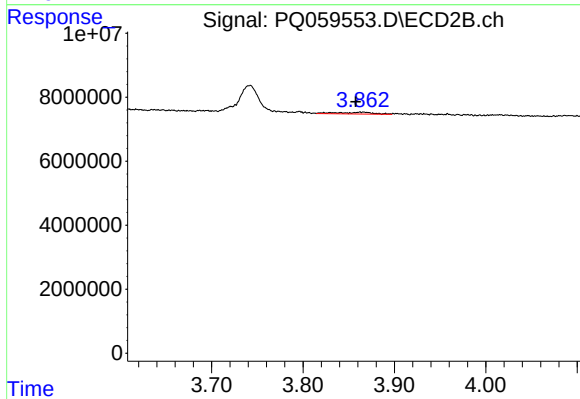
#3 AR-1016-1

R.T.: 3.863 min
Delta R.T.: 0.021 min
Response: 1503652
Conc: 5.33 ng/ml



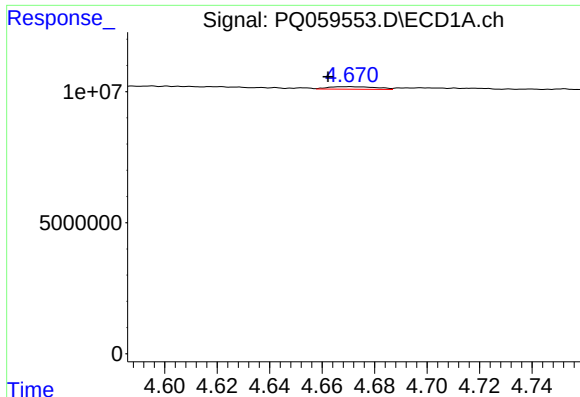
#4 AR-1016-2

R.T.: 4.543 min
Delta R.T.: -0.061 min
Response: 5233770
Conc: 8.44 ng/ml



#4 AR-1016-2

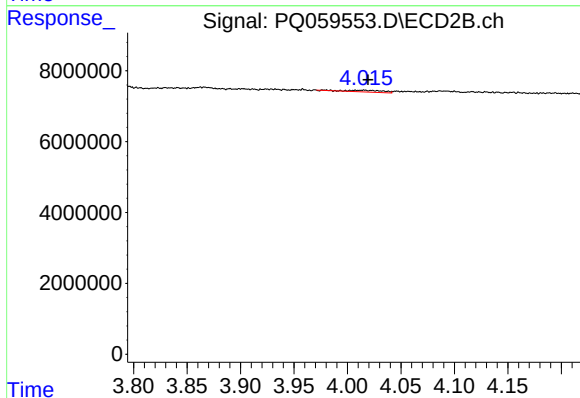
R.T.: 3.863 min
Delta R.T.: 0.005 min
Response: 1503652
Conc: 3.54 ng/ml



#5 AR-1016-3

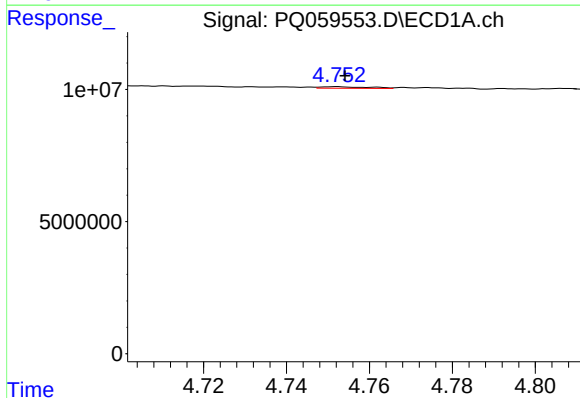
R.T.: 4.671 min
Delta R.T.: 0.008 min
Response: 1194789
Conc: 3.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



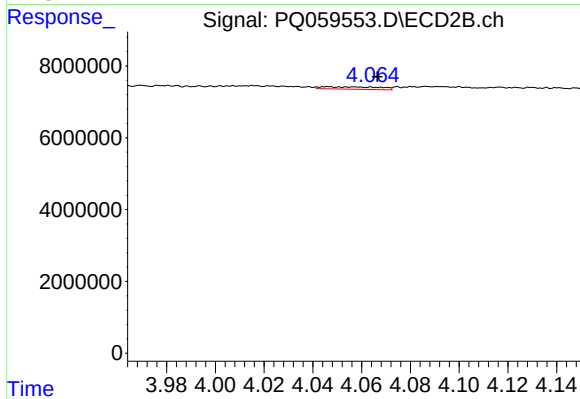
#5 AR-1016-3

R.T.: 4.016 min
Delta R.T.: -0.004 min
Response: 1109027
Conc: 4.99 ng/ml



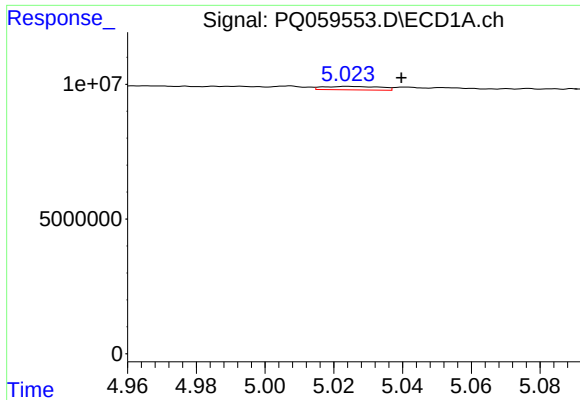
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 472854
Conc: 1.44 ng/ml



#6 AR-1016-4

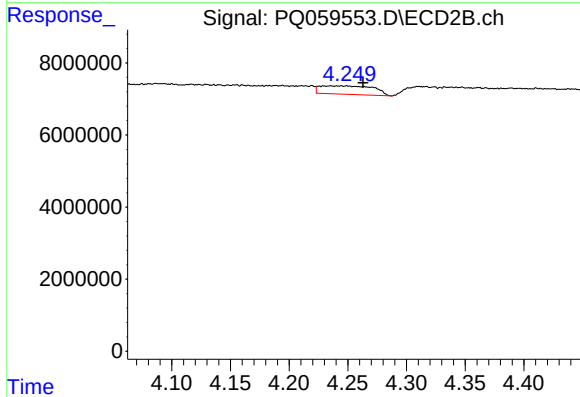
R.T.: 4.046 min
Delta R.T.: -0.021 min
Response: 1072900
Conc: 6.28 ng/ml



#7 AR-1016-5

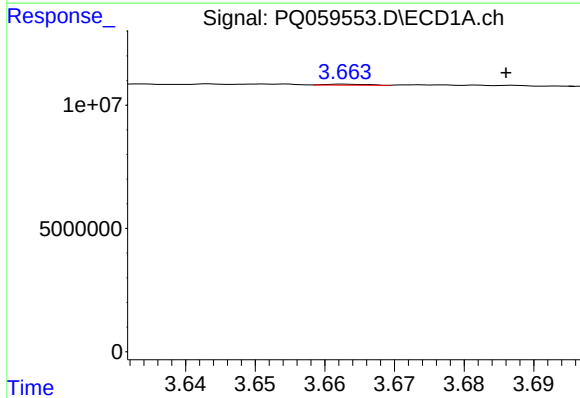
R.T.: 5.024 min
Delta R.T.: -0.016 min
Response: 1502572
Conc: 4.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



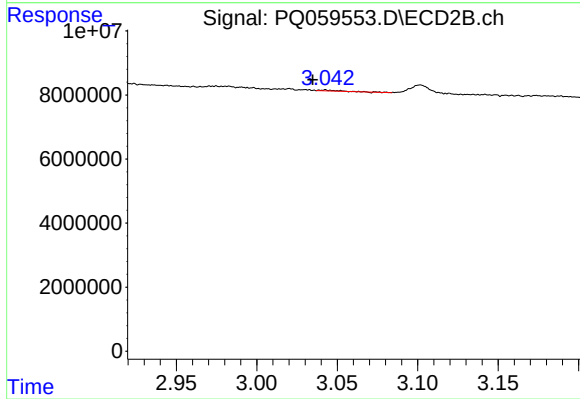
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: -0.014 min
Response: 7402406
Conc: 32.86 ng/ml



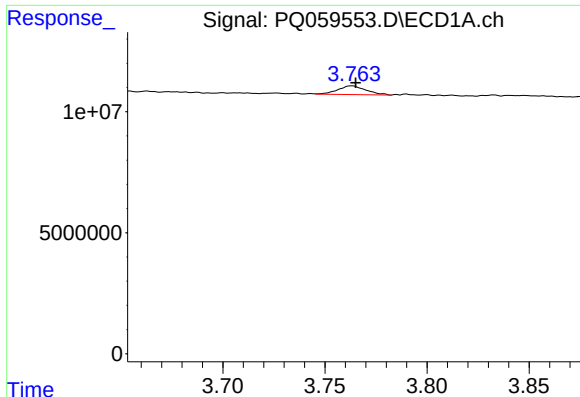
#8 AR-1221-1

R.T.: 3.663 min
Delta R.T.: -0.023 min
Response: 155093
Conc: 1.05 ng/ml



#8 AR-1221-1

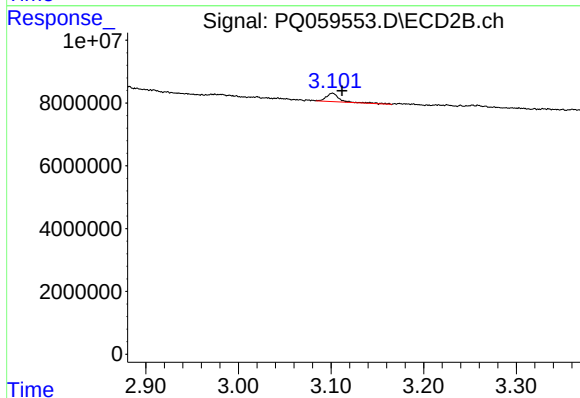
R.T.: 3.043 min
Delta R.T.: 0.008 min
Response: 273766
Conc: 2.76 ng/ml



#9 AR-1221-2

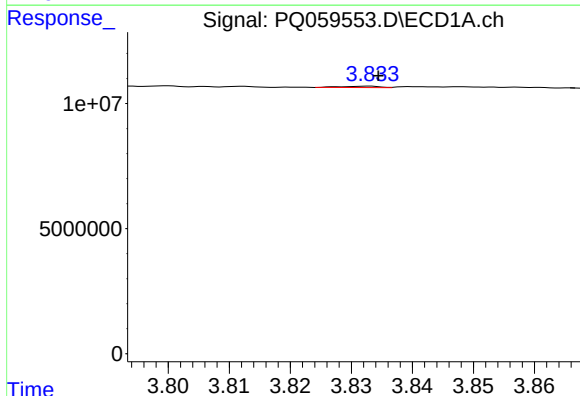
R.T.: 3.763 min
Delta R.T.: -0.002 min
Response: 3495533
Conc: 33.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



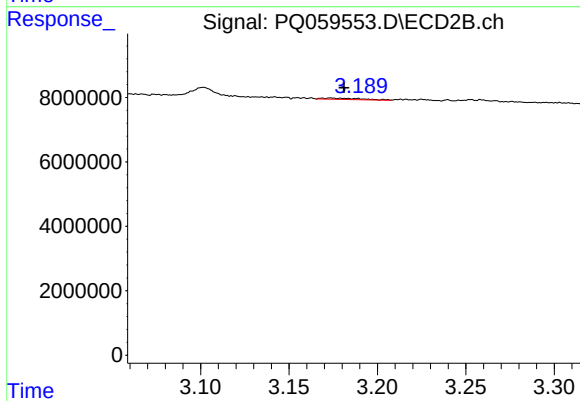
#9 AR-1221-2

R.T.: 3.101 min
Delta R.T.: -0.010 min
Response: 2791031
Conc: 40.77 ng/ml



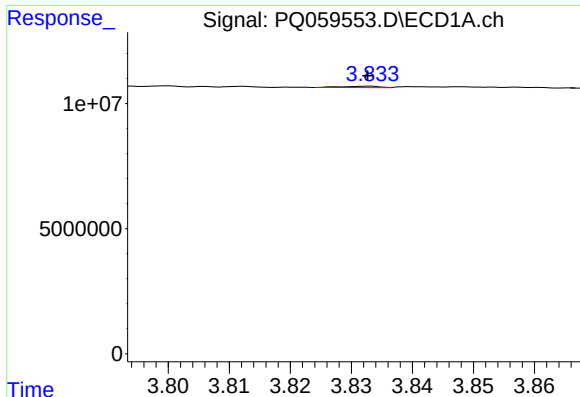
#10 AR-1221-3

R.T.: 3.833 min
Delta R.T.: -0.001 min
Response: 261773
Conc: 0.79 ng/ml



#10 AR-1221-3

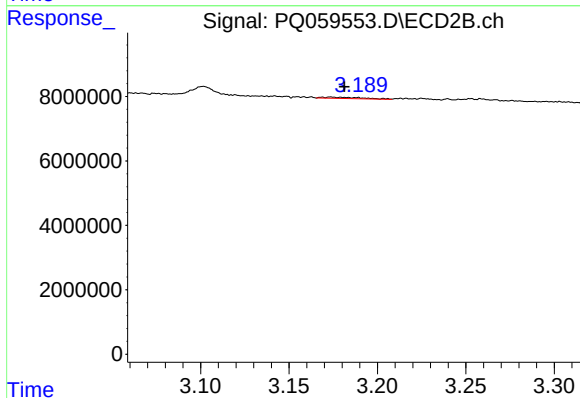
R.T.: 3.174 min
Delta R.T.: -0.007 min
Response: 596253
Conc: 2.60 ng/ml



#11 AR-1232-1

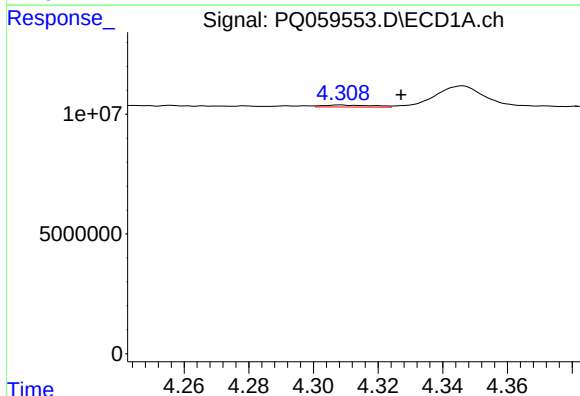
R.T.: 3.833 min
Delta R.T.: 0.000 min
Response: 261773
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



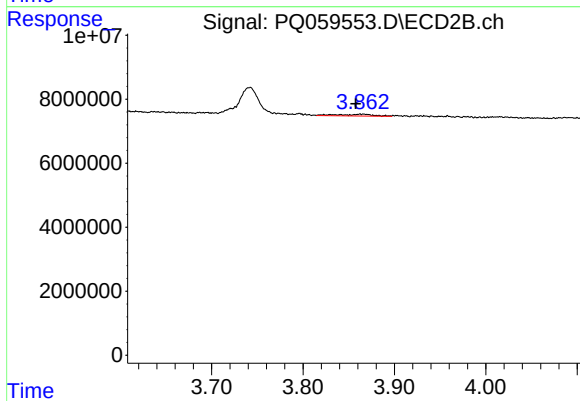
#11 AR-1232-1

R.T.: 3.174 min
Delta R.T.: -0.008 min
Response: 596253
Conc: 3.10 ng/ml



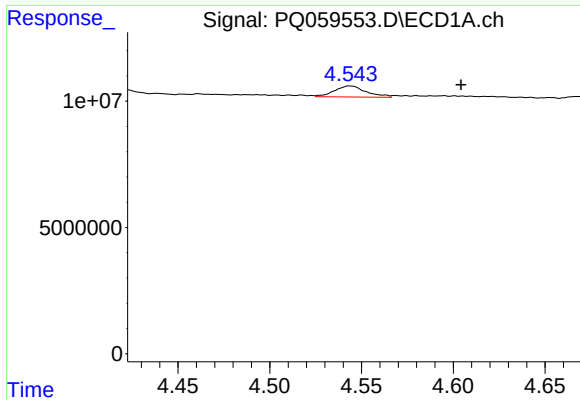
#12 AR-1232-2

R.T.: 4.308 min
Delta R.T.: -0.019 min
Response: 840413
Conc: 5.72 ng/ml



#12 AR-1232-2

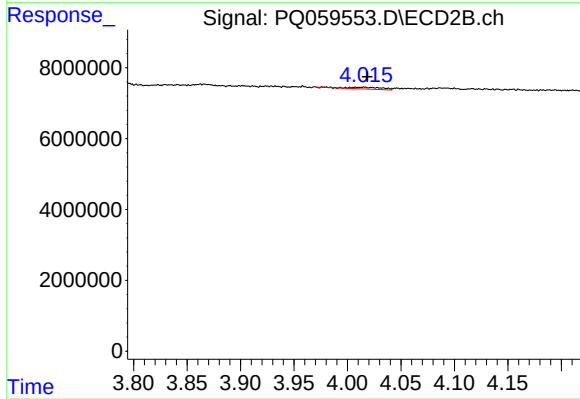
R.T.: 3.863 min
Delta R.T.: 0.005 min
Response: 1503652
Conc: 7.98 ng/ml



#13 AR-1232-3

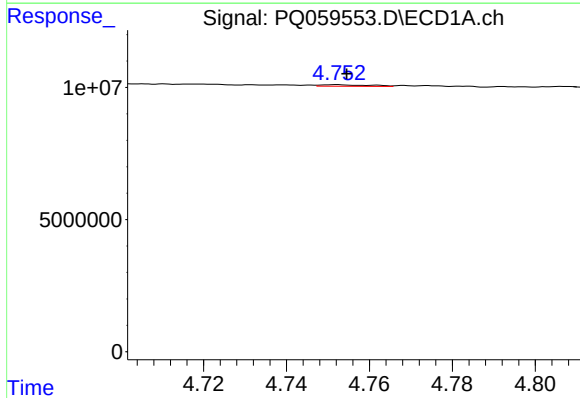
R.T.: 4.543 min
Delta R.T.: -0.061 min
Response: 5233770
Conc: 18.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



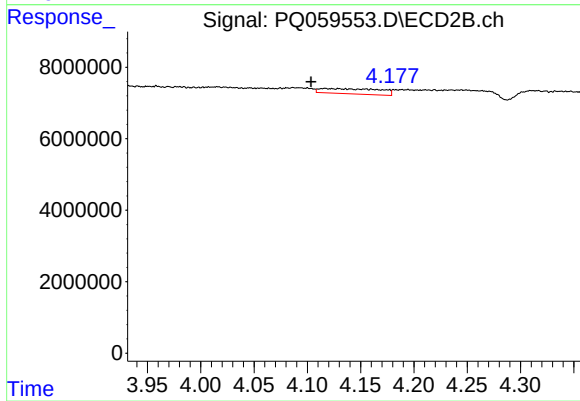
#13 AR-1232-3

R.T.: 4.016 min
Delta R.T.: -0.003 min
Response: 1109027
Conc: 11.37 ng/ml



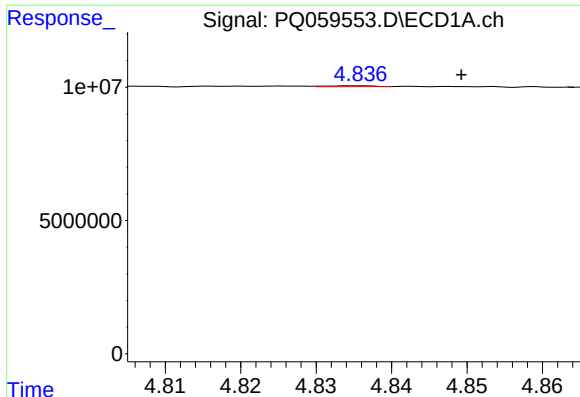
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 472854
Conc: 3.16 ng/ml



#14 AR-1232-4

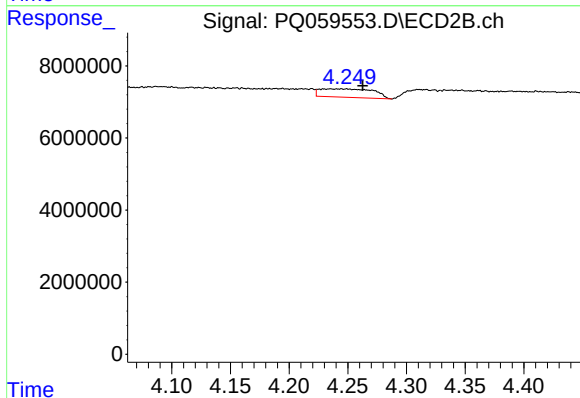
R.T.: 4.117 min
Delta R.T.: 0.013 min
Response: 5613742
Conc: 68.77 ng/ml



#15 AR-1232-5

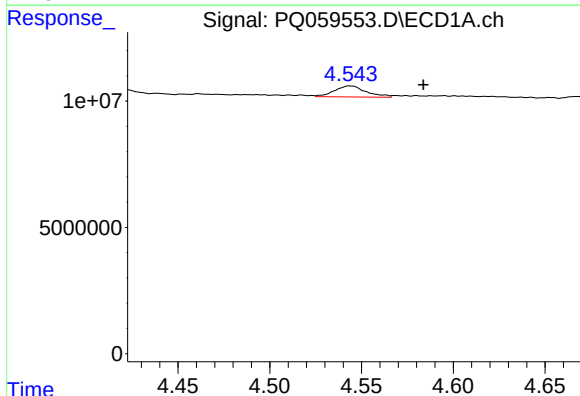
R.T.: 4.836 min
Delta R.T.: -0.014 min
Response: 134138
Conc: 1.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



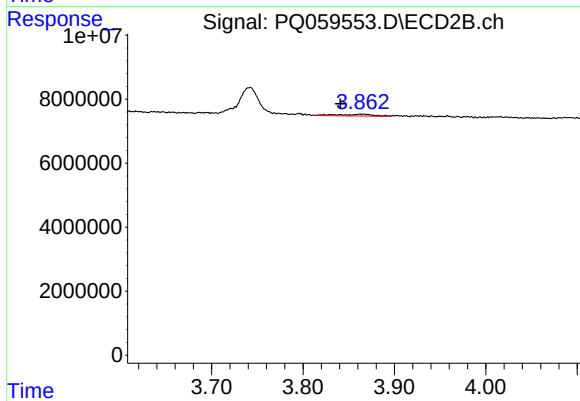
#15 AR-1232-5

R.T.: 4.249 min
Delta R.T.: -0.014 min
Response: 7402406
Conc: 77.52 ng/ml



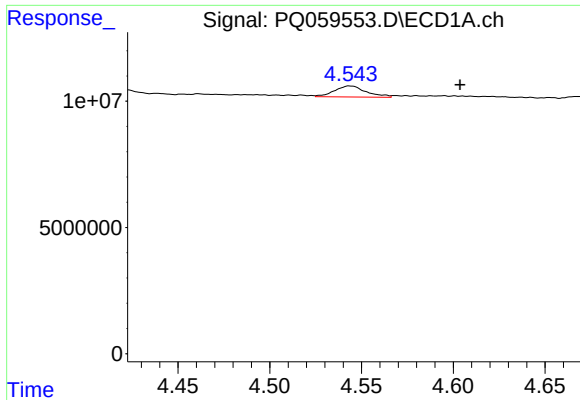
#16 AR-1242-1

R.T.: 4.543 min
Delta R.T.: -0.040 min
Response: 5233770
Conc: 15.02 ng/ml



#16 AR-1242-1

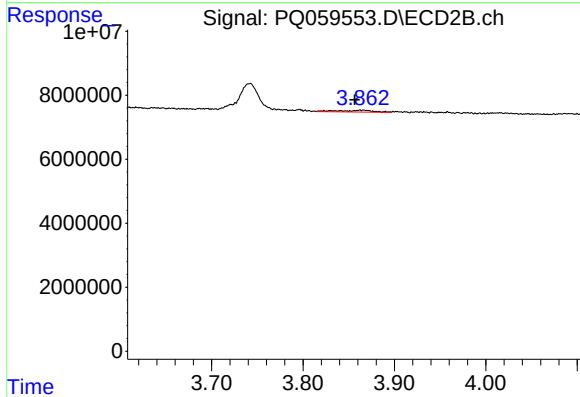
R.T.: 3.863 min
Delta R.T.: 0.022 min
Response: 1503652
Conc: 6.48 ng/ml



#17 AR-1242-2

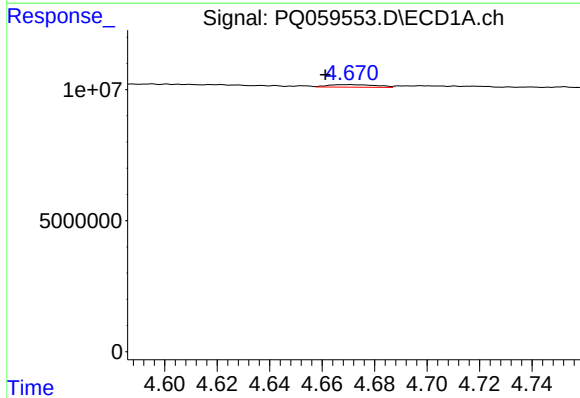
R.T.: 4.543 min
Delta R.T.: -0.060 min
Response: 5233770
Conc: 10.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



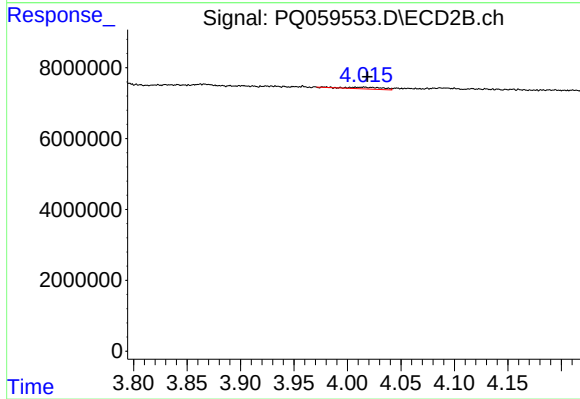
#17 AR-1242-2

R.T.: 3.863 min
Delta R.T.: 0.006 min
Response: 1503652
Conc: 4.31 ng/ml



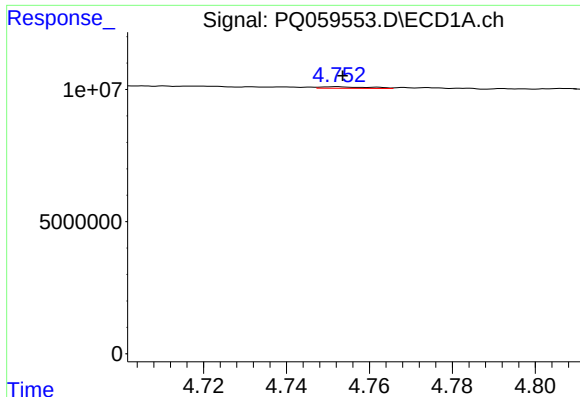
#18 AR-1242-3

R.T.: 4.671 min
Delta R.T.: 0.009 min
Response: 1194789
Conc: 3.69 ng/ml



#18 AR-1242-3

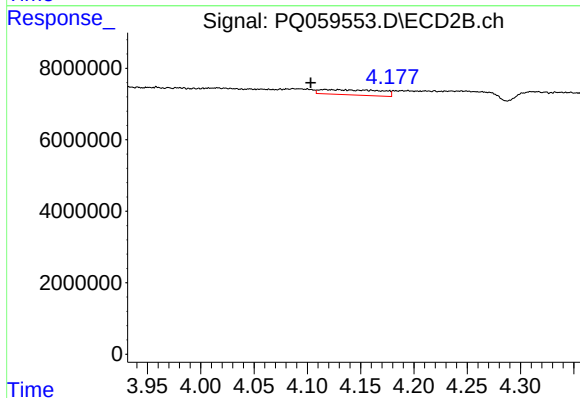
R.T.: 4.016 min
Delta R.T.: -0.003 min
Response: 1109027
Conc: 6.07 ng/ml



#19 AR-1242-4

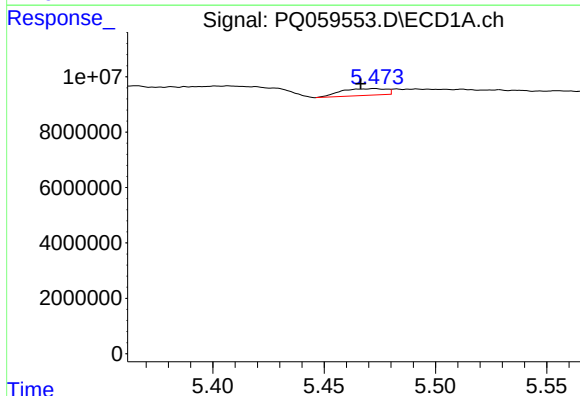
R.T.: 4.752 min
Delta R.T.: -0.001 min
Response: 472854
Conc: 1.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



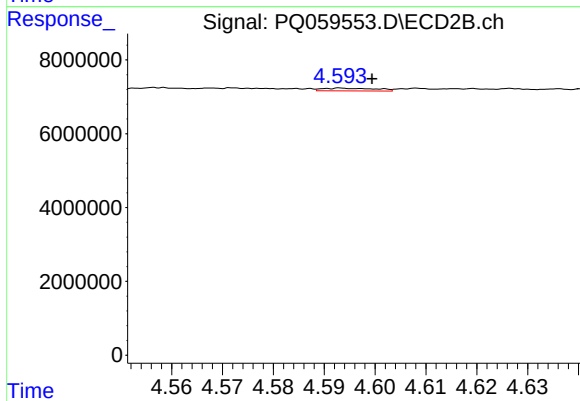
#19 AR-1242-4

R.T.: 4.117 min
Delta R.T.: 0.013 min
Response: 5613742
Conc: 33.28 ng/ml



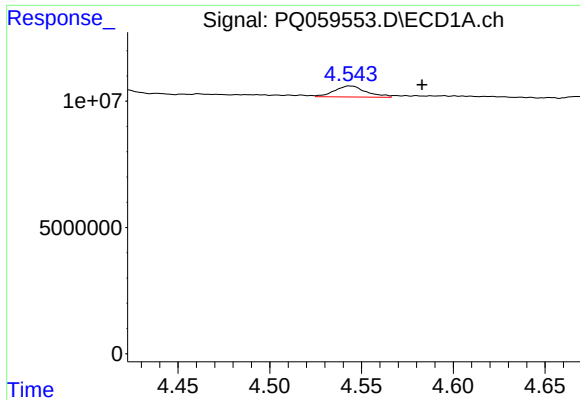
#20 AR-1242-5

R.T.: 5.473 min
Delta R.T.: 0.007 min
Response: 3456576
Conc: 12.86 ng/ml



#20 AR-1242-5

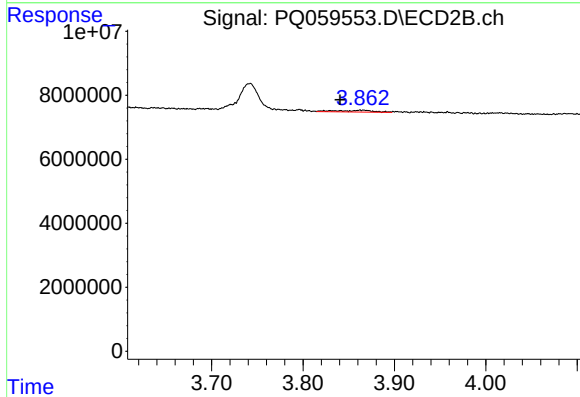
R.T.: 4.593 min
Delta R.T.: -0.006 min
Response: 543898
Conc: 2.46 ng/ml



#21 AR-1248-1

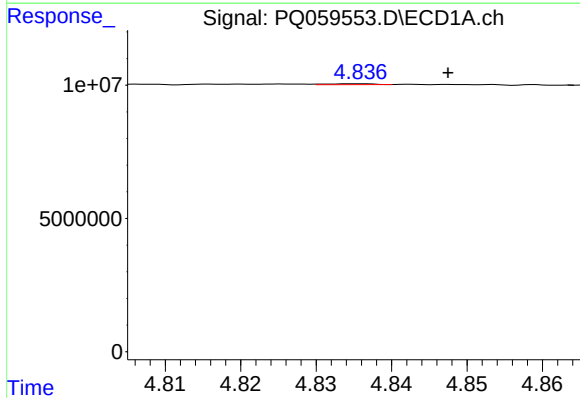
R.T.: 4.543 min
Delta R.T.: -0.040 min
Response: 5233770
Conc: 19.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



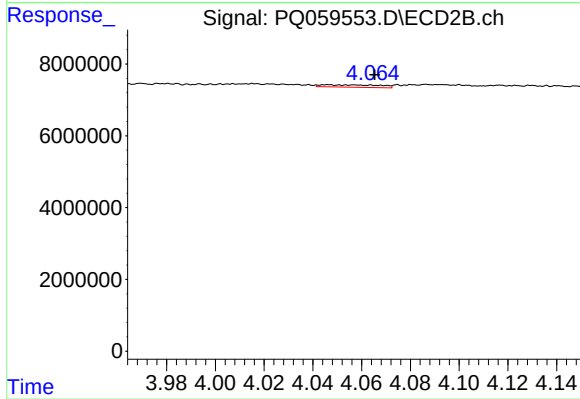
#21 AR-1248-1

R.T.: 3.863 min
Delta R.T.: 0.022 min
Response: 1503652
Conc: 8.46 ng/ml



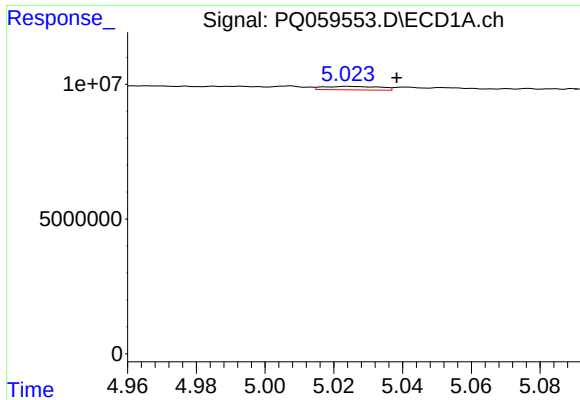
#22 AR-1248-2

R.T.: 4.836 min
Delta R.T.: -0.012 min
Response: 134138
Conc: 0.38 ng/ml



#22 AR-1248-2

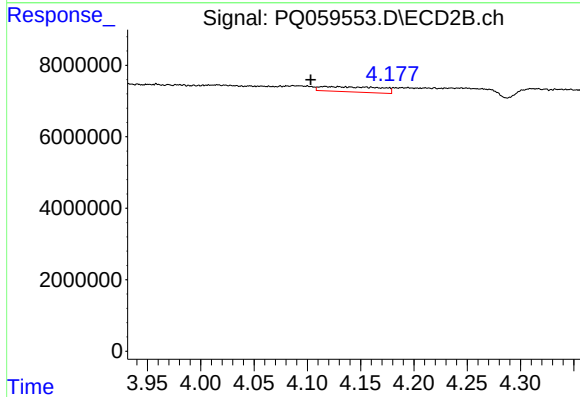
R.T.: 4.046 min
Delta R.T.: -0.020 min
Response: 1072900
Conc: 4.25 ng/ml



#23 AR-1248-3

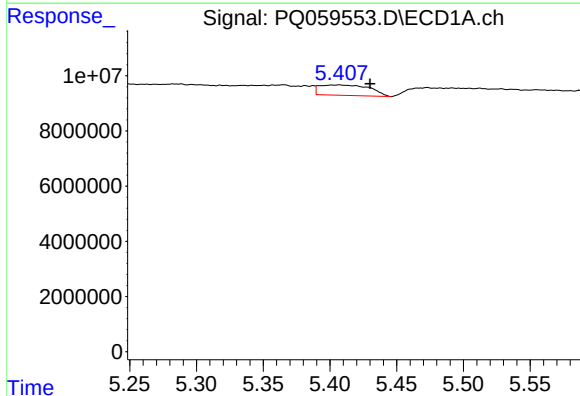
R.T.: 5.024 min
Delta R.T.: -0.015 min
Response: 1502572
Conc: 3.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



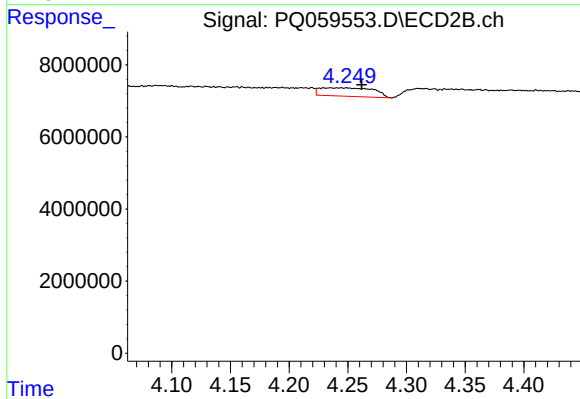
#23 AR-1248-3

R.T.: 4.117 min
Delta R.T.: 0.013 min
Response: 5613742
Conc: 22.23 ng/ml



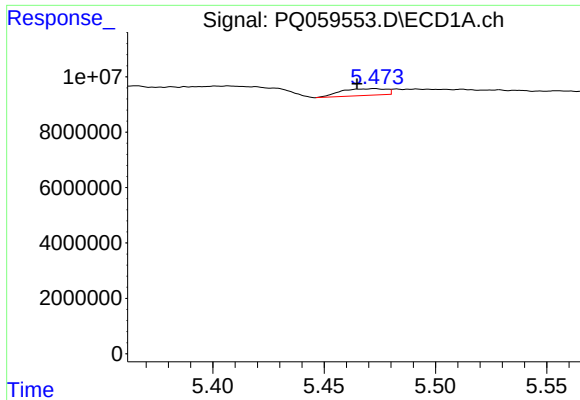
#24 AR-1248-4

R.T.: 5.407 min
Delta R.T.: -0.023 min
Response: 9827295
Conc: 21.14 ng/ml



#24 AR-1248-4

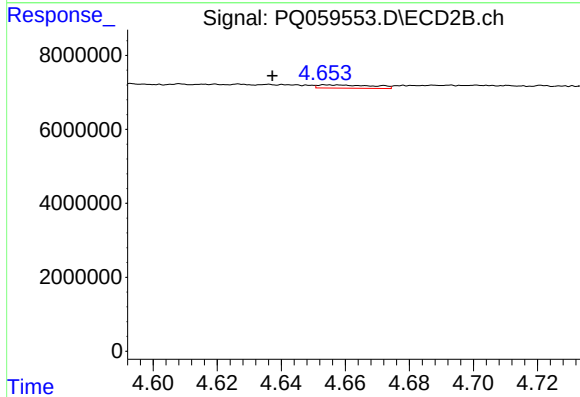
R.T.: 4.249 min
Delta R.T.: -0.013 min
Response: 7402406
Conc: 23.70 ng/ml



#25 AR-1248-5

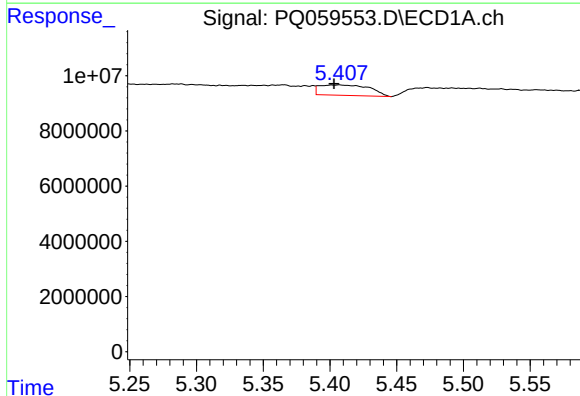
R.T.: 5.473 min
Delta R.T.: 0.008 min
Response: 3456576
Conc: 7.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



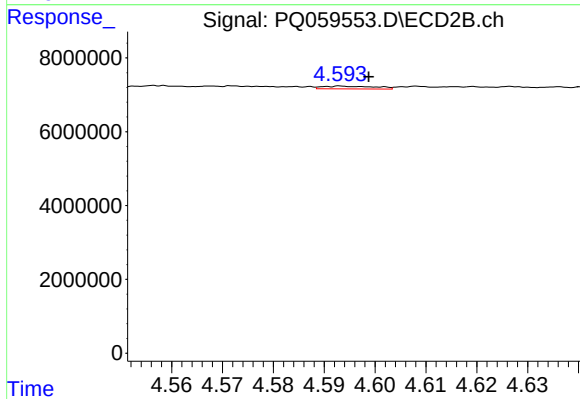
#25 AR-1248-5

R.T.: 4.655 min
Delta R.T.: 0.018 min
Response: 1037578
Conc: 3.30 ng/ml



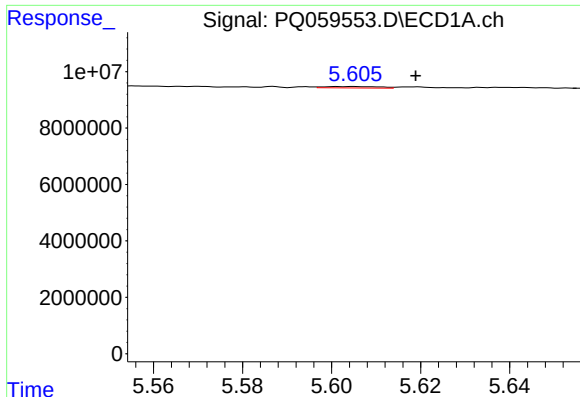
#26 AR-1254-1

R.T.: 5.407 min
Delta R.T.: 0.004 min
Response: 9827295
Conc: 20.49 ng/ml



#26 AR-1254-1

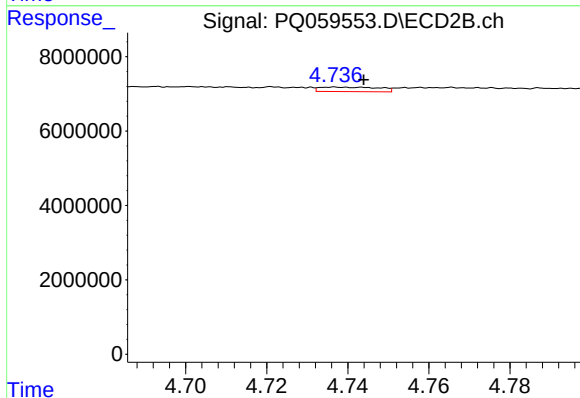
R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 543898
Conc: 1.11 ng/ml



#27 AR-1254-2

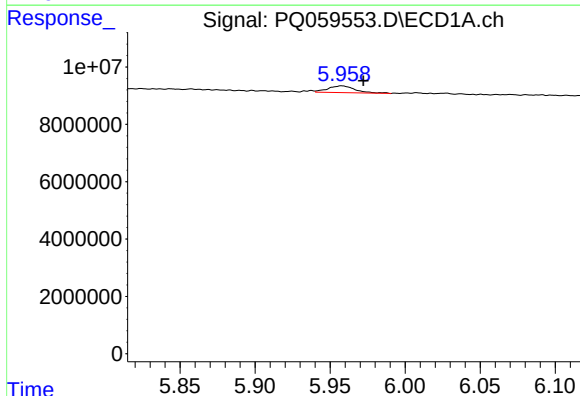
R.T.: 5.605 min
Delta R.T.: -0.014 min
Response: 444291
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



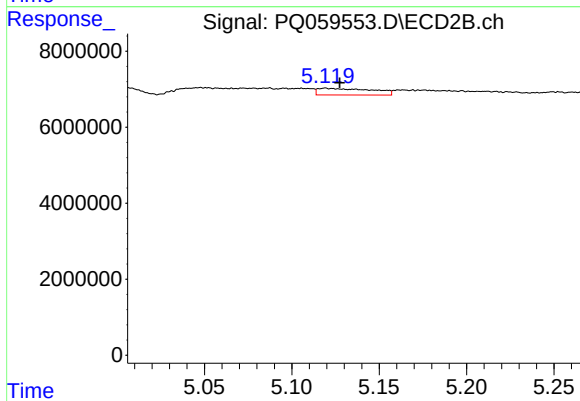
#27 AR-1254-2

R.T.: 4.737 min
Delta R.T.: -0.007 min
Response: 1234545
Conc: 2.85 ng/ml



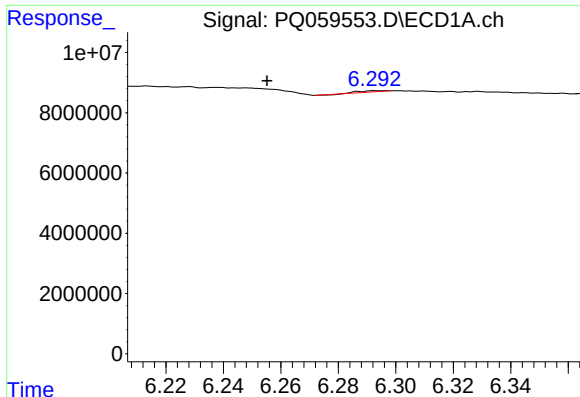
#28 AR-1254-3

R.T.: 5.958 min
Delta R.T.: -0.014 min
Response: 3039341
Conc: 3.88 ng/ml



#28 AR-1254-3

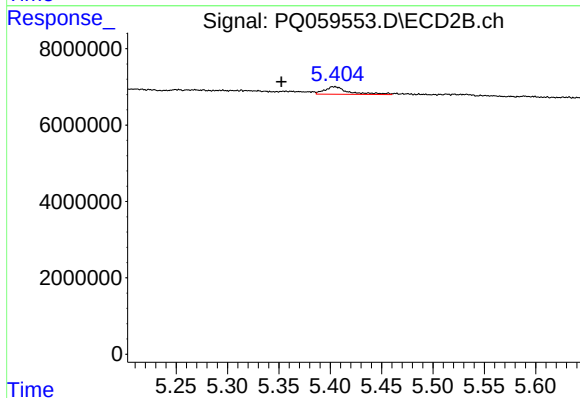
R.T.: 5.119 min
Delta R.T.: -0.008 min
Response: 3816997
Conc: 5.51 ng/ml



#29 AR-1254-4

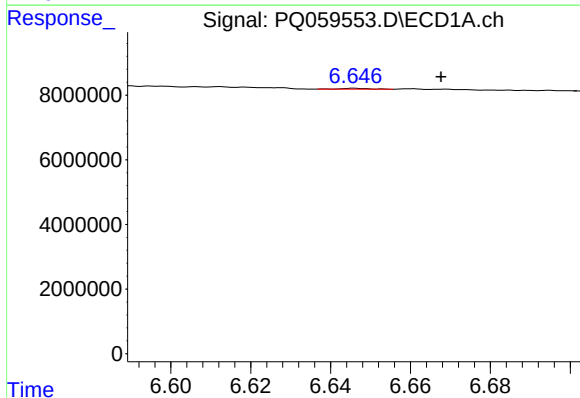
R.T.: 6.292 min
Delta R.T.: 0.037 min
Response: 194479
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



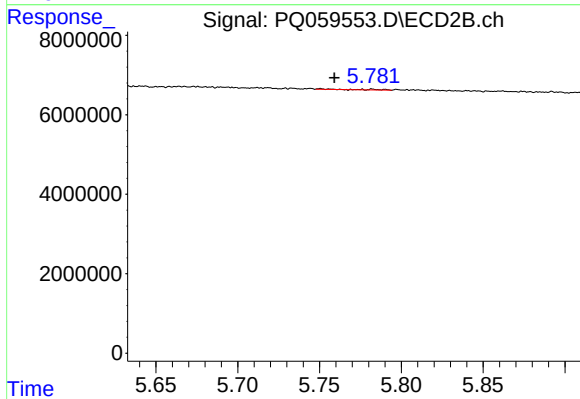
#29 AR-1254-4

R.T.: 5.403 min
Delta R.T.: 0.051 min
Response: 3255419
Conc: 7.56 ng/ml



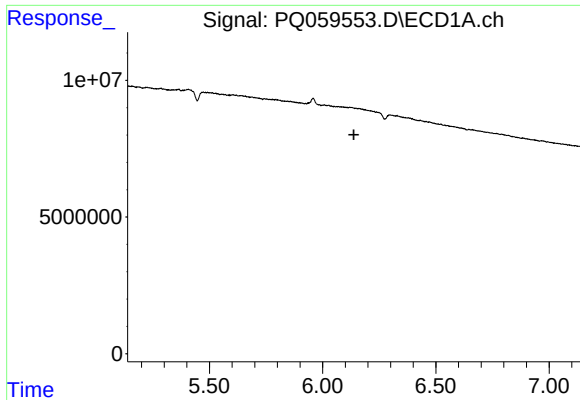
#30 AR-1254-5

R.T.: 6.646 min
Delta R.T.: -0.022 min
Response: 120505
Conc: 0.20 ng/ml



#30 AR-1254-5

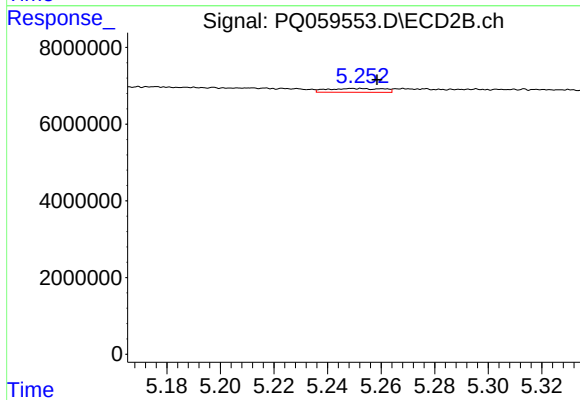
R.T.: 5.750 min
Delta R.T.: -0.009 min
Response: 182222
Conc: 0.29 ng/ml



#31 AR-1260-1

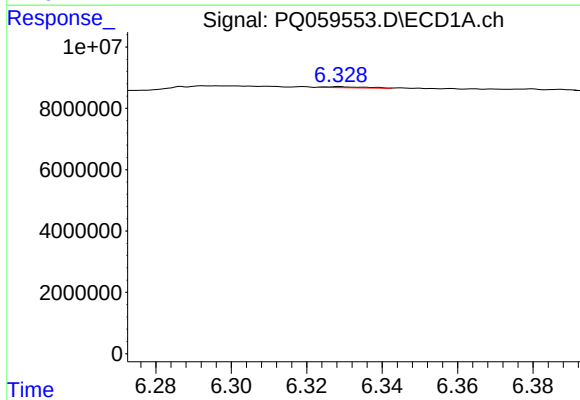
R.T.: 0.000 min
Exp R.T.: 6.138 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



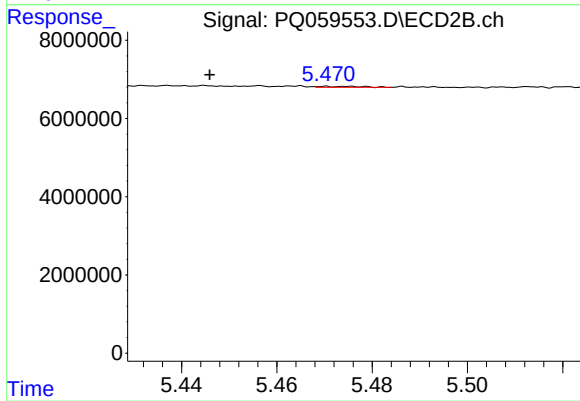
#31 AR-1260-1

R.T.: 5.252 min
Delta R.T.: -0.007 min
Response: 1468114
Conc: 3.26 ng/ml



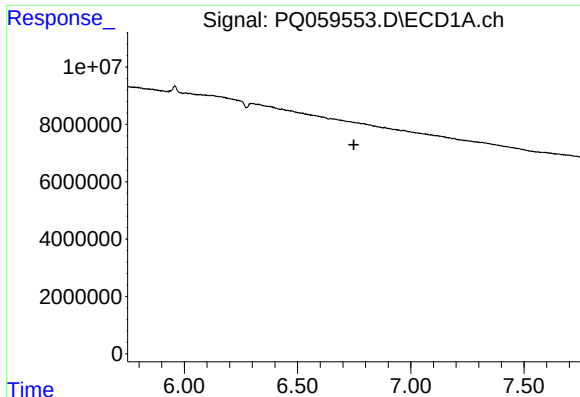
#32 AR-1260-2

R.T.: 6.329 min
Delta R.T.: -0.067 min
Response: 246858
Conc: 0.39 ng/ml



#32 AR-1260-2

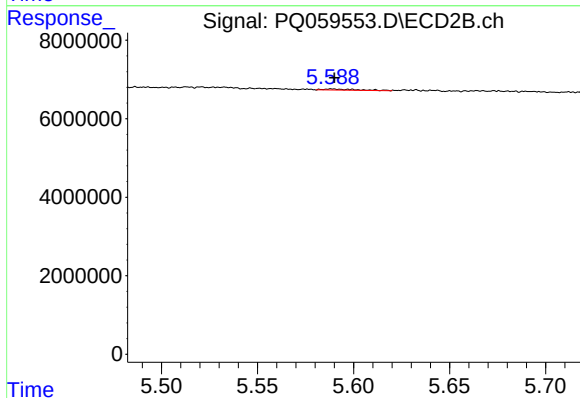
R.T.: 5.471 min
Delta R.T.: 0.025 min
Response: 149134
Conc: 0.27 ng/ml



#33 AR-1260-3

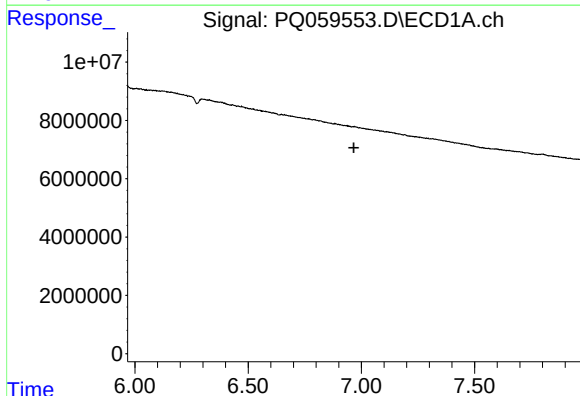
R.T.: 0.000 min
Exp R.T.: 6.748 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



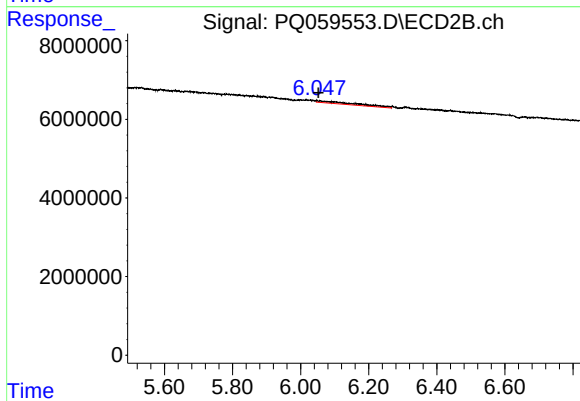
#33 AR-1260-3

R.T.: 5.589 min
Delta R.T.: -0.001 min
Response: 363628
Conc: 0.70 ng/ml



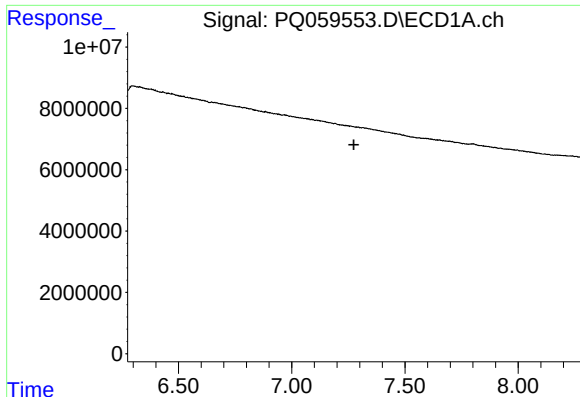
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 6.967 min
Response: 0
Conc: N.D.



#34 AR-1260-4

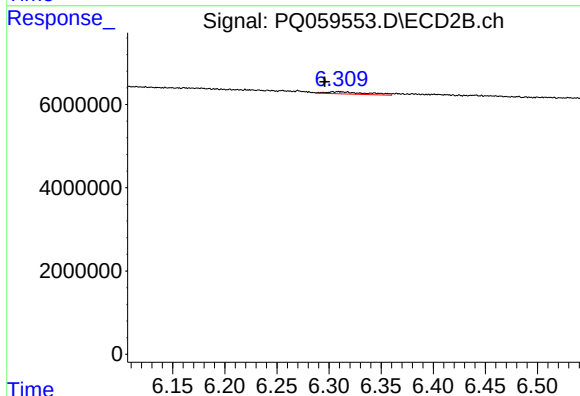
R.T.: 6.048 min
Delta R.T.: -0.004 min
Response: 4529696
Conc: 10.25 ng/ml



#35 AR-1260-5

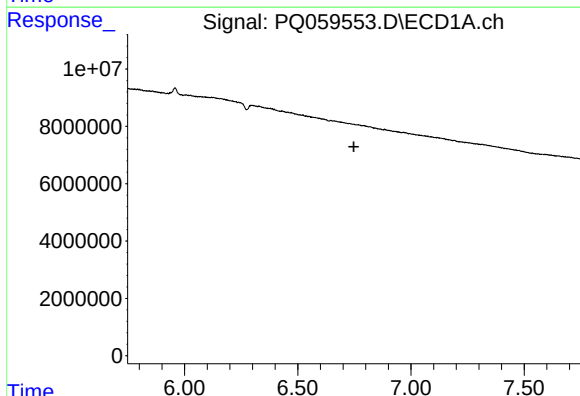
R.T.: 0.000 min
Exp R.T.: 7.275 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



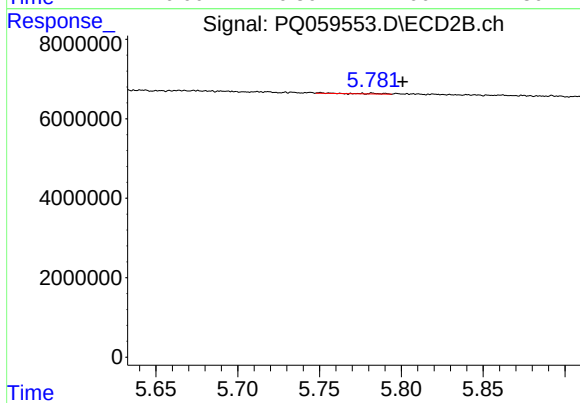
#35 AR-1260-5

R.T.: 6.304 min
Delta R.T.: 0.008 min
Response: 1431420
Conc: 1.40 ng/ml



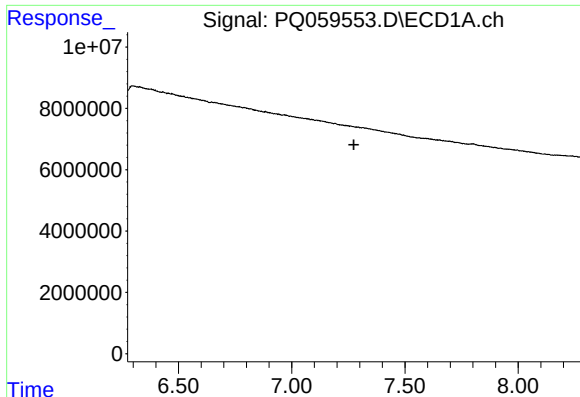
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.748 min
Response: 0
Conc: N.D.



#36 AR-1262-1

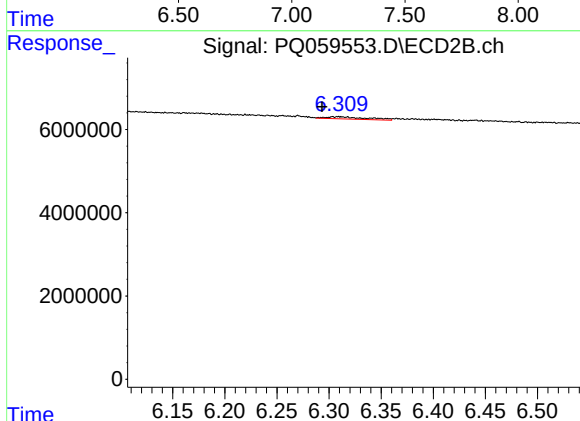
R.T.: 5.750 min
Delta R.T.: -0.050 min
Response: 182222
Conc: 0.29 ng/ml



#37 AR-1262-2

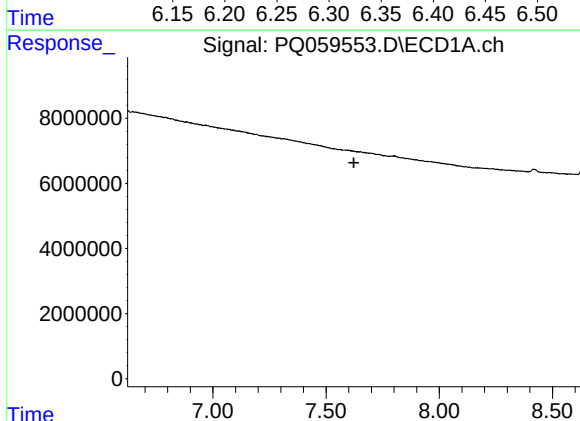
R.T.: 0.000 min
Exp R.T.: 7.274 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



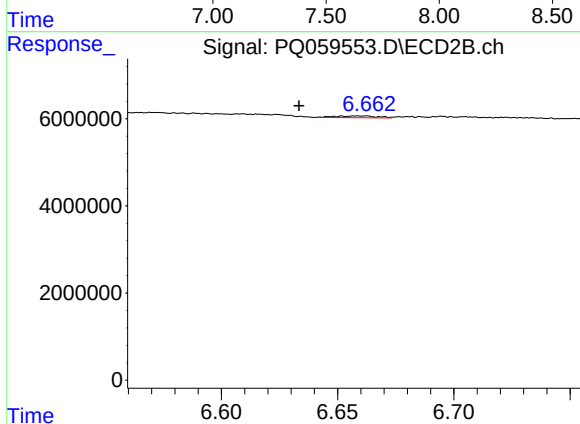
#37 AR-1262-2

R.T.: 6.304 min
Delta R.T.: 0.010 min
Response: 1431420
Conc: 1.22 ng/ml



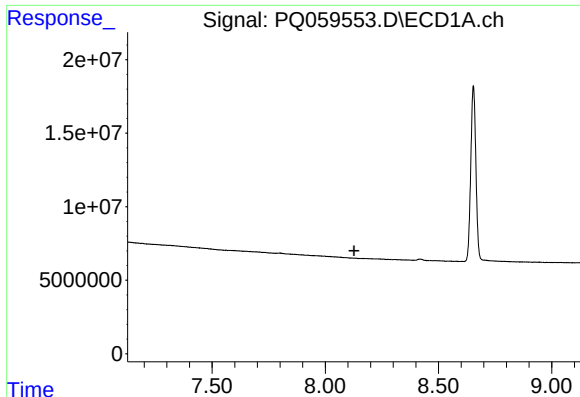
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 7.623 min
Response: 0
Conc: N.D.



#39 AR-1262-4

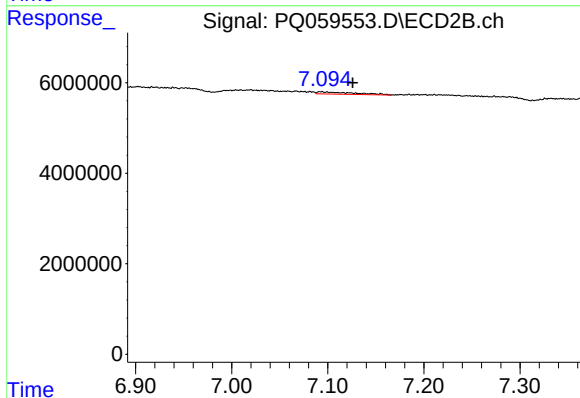
R.T.: 6.659 min
Delta R.T.: 0.025 min
Response: 506205
Conc: 0.58 ng/ml



#40 AR-1262-5

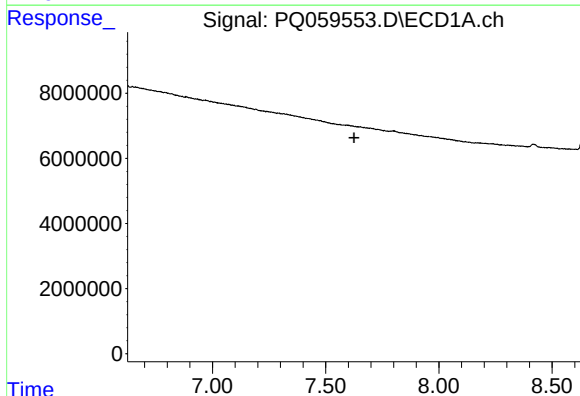
R.T.: 0.000 min
Exp R.T.: 8.127 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



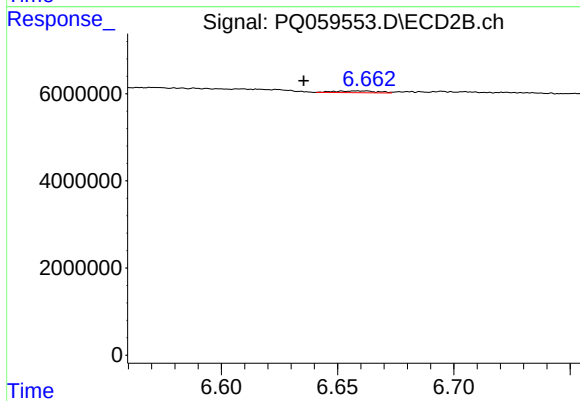
#40 AR-1262-5

R.T.: 7.093 min
Delta R.T.: -0.033 min
Response: 1343993
Conc: 3.38 ng/ml



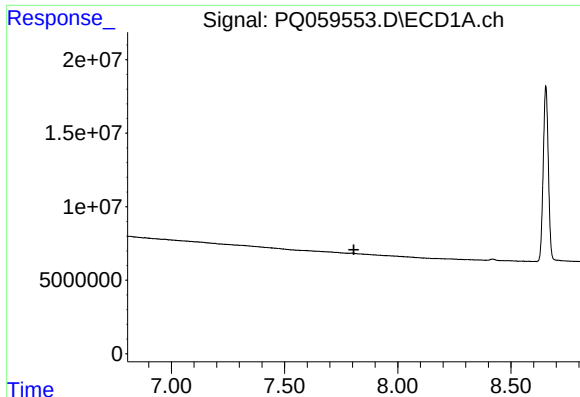
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 7.625 min
Response: 0
Conc: N.D.



#42 AR-1268-2

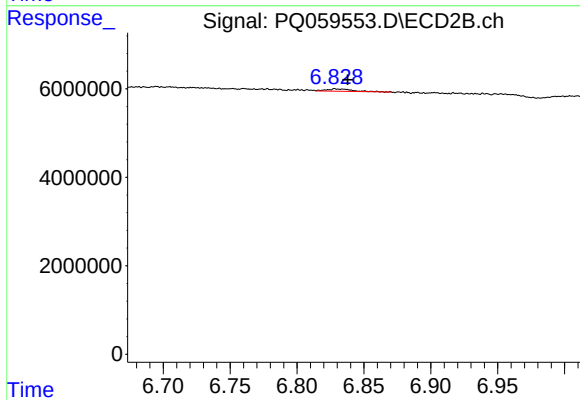
R.T.: 6.659 min
Delta R.T.: 0.023 min
Response: 506205
Conc: 0.39 ng/ml



#43 AR-1268-3

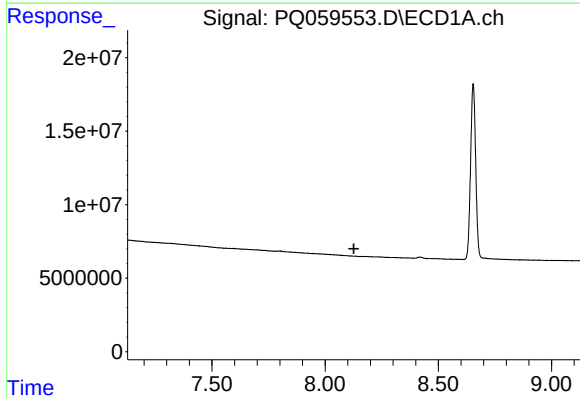
R.T.: 0.000 min
Exp R.T.: 7.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



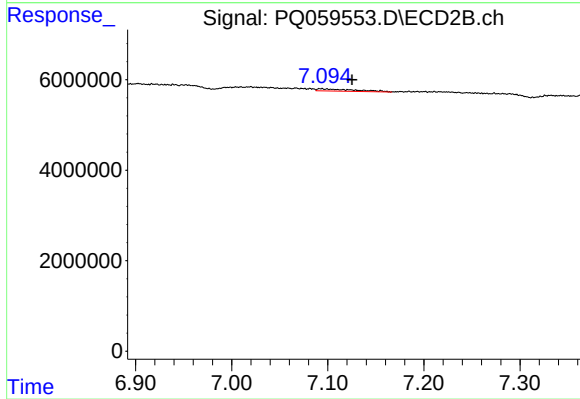
#43 AR-1268-3

R.T.: 6.829 min
Delta R.T.: -0.009 min
Response: 327670
Conc: 0.30 ng/ml



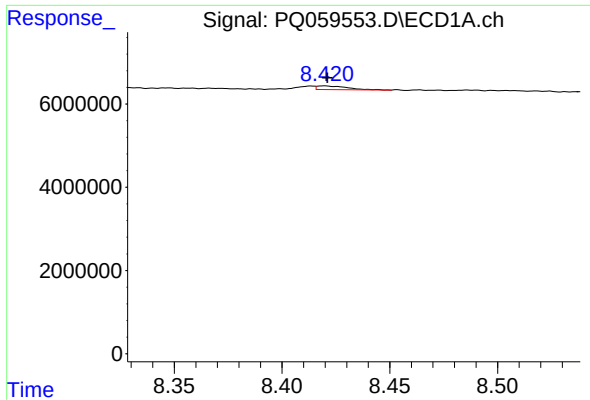
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.127 min
Response: 0
Conc: N.D.



#44 AR-1268-4

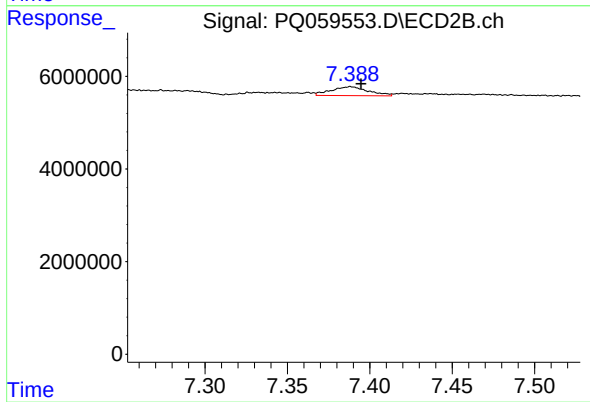
R.T.: 7.093 min
Delta R.T.: -0.032 min
Response: 1343993
Conc: 2.97 ng/ml



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: -0.001 min
Response: 863119
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 3005902
Conc: 0.84 ng/ml