

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
 Data File : PQ059501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 11:15
 Operator : YP\AJ
 Sample : N5016-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:48:45 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...	3.483	2.831	258.3E6	179.2E6	18.761	19.781
2)	SA Decachlor...	8.654	7.608	163.2E6	235.7E6	32.855	30.870
Target Compounds							
3)	L1 AR-1016-1	4.583	3.837	7234748	3792680	17.251	13.450
4)	L1 AR-1016-2	4.606	3.854	13052796	4787156	21.055	11.271 #
5)	L1 AR-1016-3	4.664	4.017	2524102	6587751	6.395	29.619 #
6)	L1 AR-1016-4	4.750	4.062	11869795	8586014	36.047	50.221 #
7)	L1 AR-1016-5	5.038	4.259	11793689	7146394	37.597	31.720
8)	L2 AR-1221-1	3.687	3.043	89896	219779	0.608	2.213 #
9)	L2 AR-1221-2	3.762	3.102	3790314	2436143	36.623	35.590
10)	L2 AR-1221-3	3.829	3.179	2176100	1401117	6.536	6.109
11)	L3 AR-1232-1	3.829	3.179	2176100	1401117	7.732	7.276
12)	L3 AR-1232-2	4.327	3.854	22279877	4787156	151.653	25.417 #
13)	L3 AR-1232-3	4.606	4.017	13052796	6587751	45.738	67.555 #
14)	L3 AR-1232-4	4.750	4.100	11869795	4165659	79.335	51.030 #
15)	L3 AR-1232-5	4.847	4.259	14122441	7146394	134.550	74.843 #
16)	L4 AR-1242-1	4.583	3.837	7234748	3792680	20.769	16.345
17)	L4 AR-1242-2	4.606	3.854	13052796	4787156	25.519	13.733 #
18)	L4 AR-1242-3	4.664	4.017	2524102	6587751	7.805	36.052 #
19)	L4 AR-1242-4	4.750	4.100	11869795	4165659	44.049	24.697 #
20)	L4 AR-1242-5	5.461	4.596	214823	452790	0.799	2.047 #
21)	L5 AR-1248-1	4.583	3.837	7234748	3792680	27.277	21.333
22)	L5 AR-1248-2	4.847	4.062	14122441	8586014	39.612	34.010
23)	L5 AR-1248-3	5.038	4.100	11793689	4165659	27.461	16.499 #
24)	L5 AR-1248-4	5.431	4.259	359895	7146394	0.774	22.880 #
25)	L5 AR-1248-5	5.461	4.633	214823	597716	0.467	1.902 #
26)	L6 AR-1254-1	5.398	4.596	524820	452790	1.094	0.926
27)	L6 AR-1254-2	5.611	4.739	173643	268079	0.233	0.619 #
28)	L6 AR-1254-3	5.962	5.122	302332	934501	0.386	1.349 #
29)	L6 AR-1254-4	0.000	5.346	0	633065	N.D.	1.471 #
30)	L6 AR-1254-5	0.000	5.749	0	539058	N.D.	0.871 #
31)	L7 AR-1260-1	6.130	5.258	1544915	637712	2.777	1.415 #
32)	L7 AR-1260-2	6.385	5.452	300831	127286	0.471	0.231 #
33)	L7 AR-1260-3	6.762	5.600	55898	1777242	0.125	3.426 #
34)	L7 AR-1260-4	6.960	6.030	113678	1809307	0.236	4.093 #
35)	L7 AR-1260-5	7.317f	6.286	2748886	772153	3.118	0.757 #
36)	L8 AR-1262-1	6.762	5.793	55898	332604	0.080	0.522 #
37)	L8 AR-1262-2	7.317f	6.286	2748886	772153	2.529	0.660 #
38)	L8 AR-1262-3	7.600f	6.562	162454	1261688	0.244	2.740 #
39)	L8 AR-1262-4	7.627	6.660	107160	394730	0.341	0.450 #
40)	L8 AR-1262-5	8.149	7.128	198865	557049	0.697	1.402 #
41)	L9 AR-1268-1	7.600f	6.562	162454	1261688	0.139	0.897 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2022 11:15
Operator : YP\AJ
Sample : N5016-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 23:48:45 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

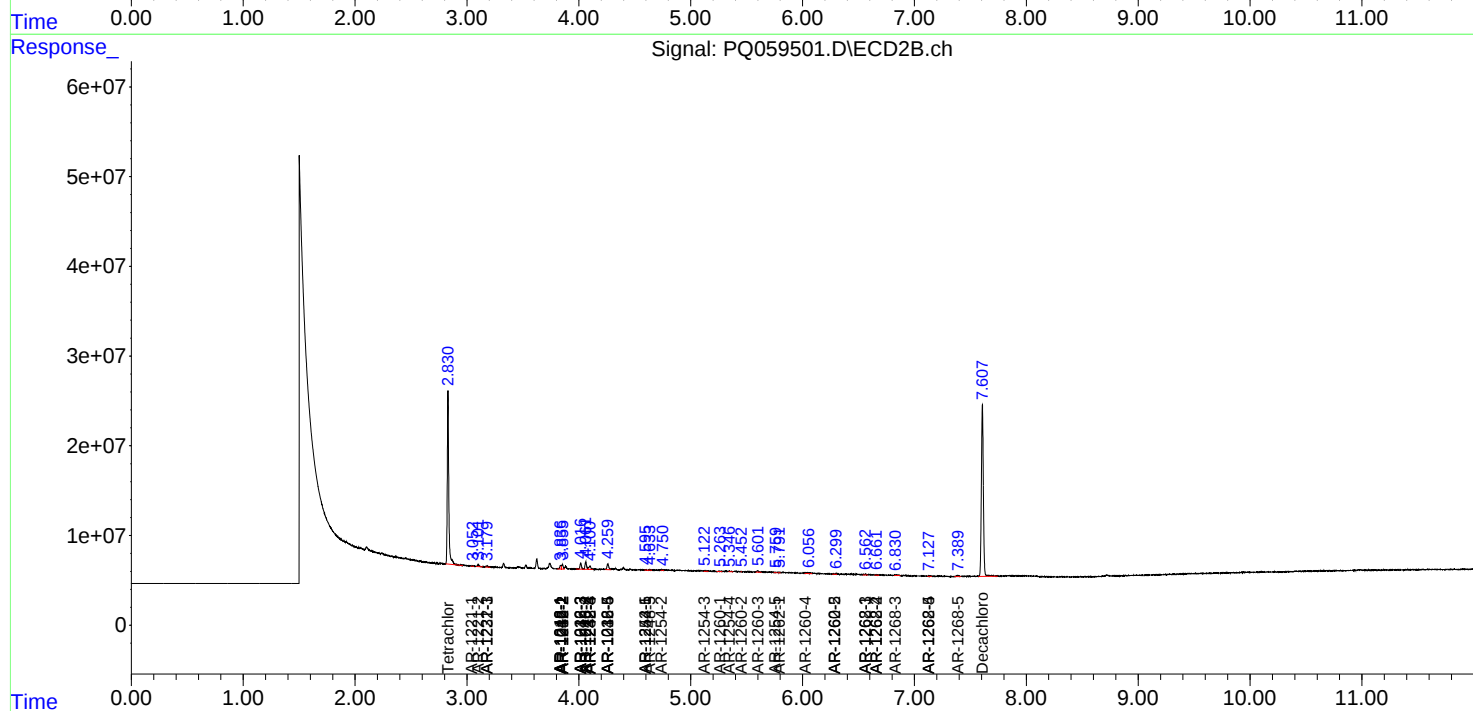
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

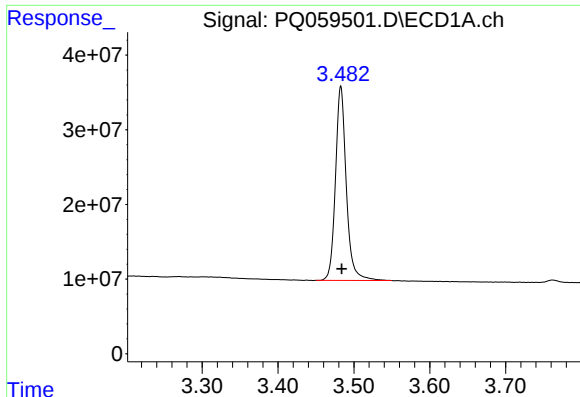
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.627	6.660	107160	394730	0.102	0.305 #
43)	L9 AR-1268-3	7.804	6.831	901092	313766	1.072	0.284 #
44)	L9 AR-1268-4	8.149	7.128	198865	557049	0.616	1.230 #
45)	L9 AR-1268-5	8.423	7.390	1702243	1978526	0.756	0.553 #

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

Instrument :
ECD_Q
ClientSampleId :

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

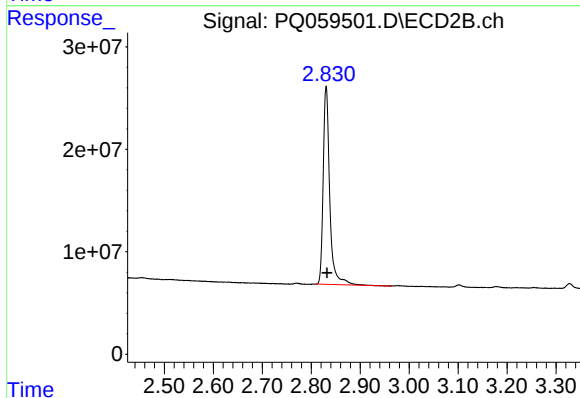




#1 Tetrachloro-m-xylene

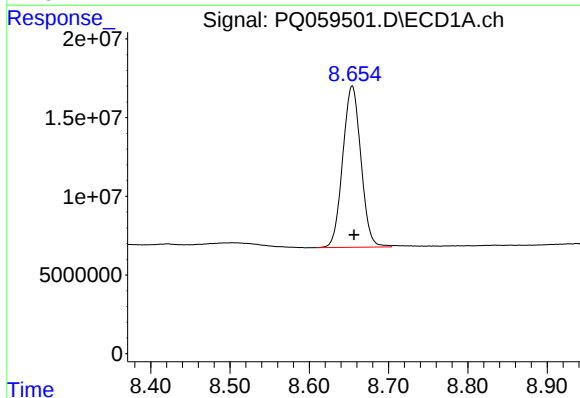
R.T.: 3.483 min
Delta R.T.: -0.001 min
Response: 258315812
Conc: 18.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



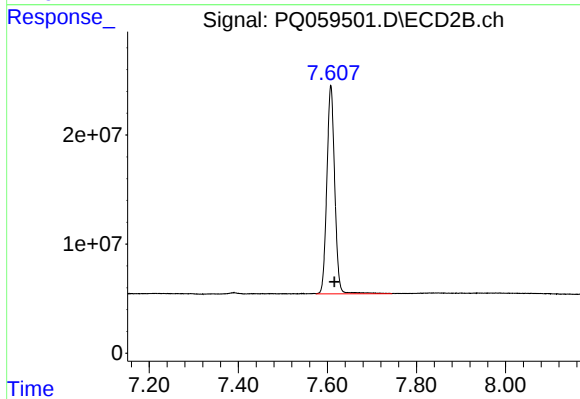
#1 Tetrachloro-m-xylene

R.T.: 2.831 min
Delta R.T.: -0.002 min
Response: 179190298
Conc: 19.78 ng/ml



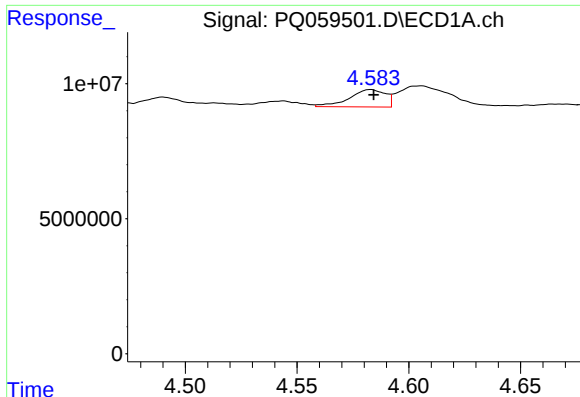
#2 Decachlorobiphenyl

R.T.: 8.654 min
Delta R.T.: -0.002 min
Response: 163163398
Conc: 32.86 ng/ml



#2 Decachlorobiphenyl

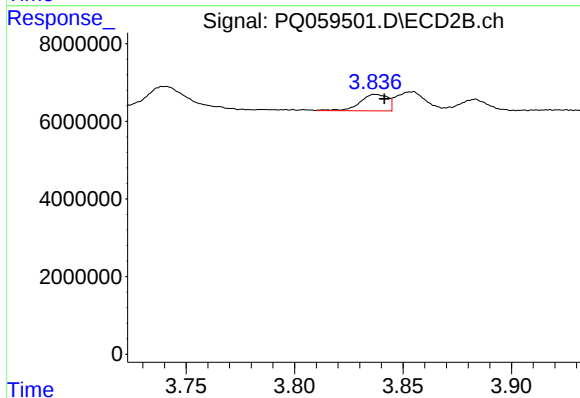
R.T.: 7.608 min
Delta R.T.: -0.008 min
Response: 235726950
Conc: 30.87 ng/ml



#3 AR-1016-1

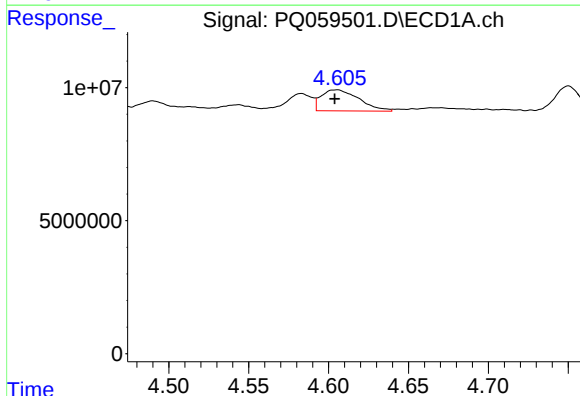
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 7234748
Conc: 17.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



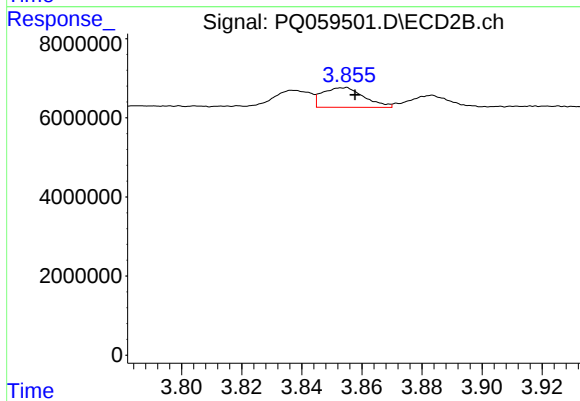
#3 AR-1016-1

R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 3792680
Conc: 13.45 ng/ml



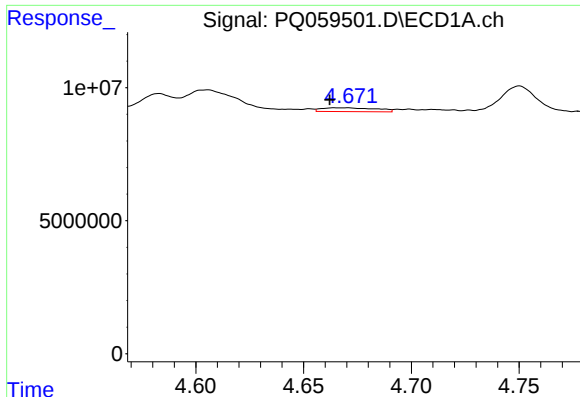
#4 AR-1016-2

R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 13052796
Conc: 21.05 ng/ml



#4 AR-1016-2

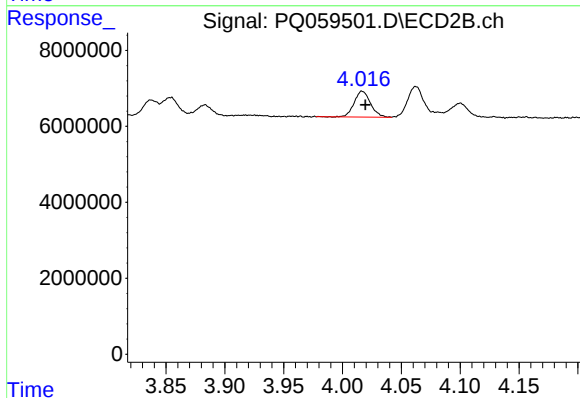
R.T.: 3.854 min
Delta R.T.: -0.004 min
Response: 4787156
Conc: 11.27 ng/ml



#5 AR-1016-3

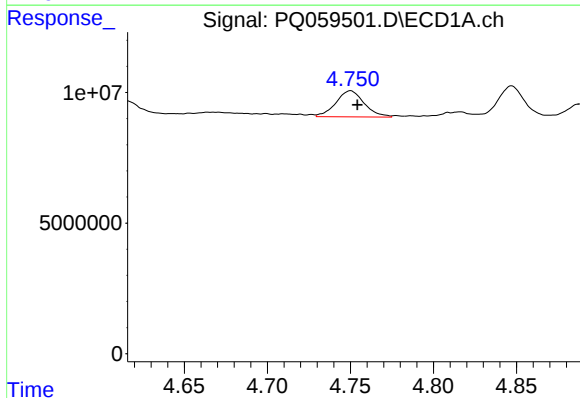
R.T.: 4.664 min
Delta R.T.: 0.002 min
Response: 2524102
Conc: 6.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



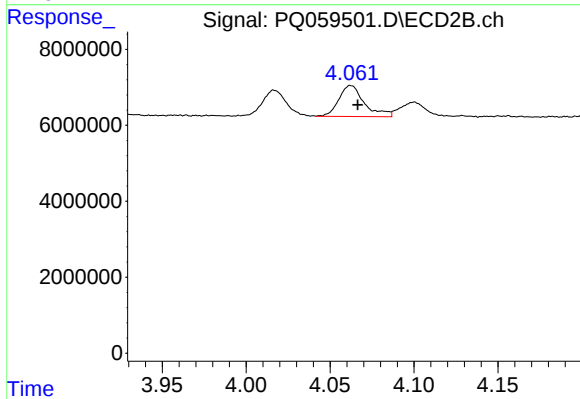
#5 AR-1016-3

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 6587751
Conc: 29.62 ng/ml



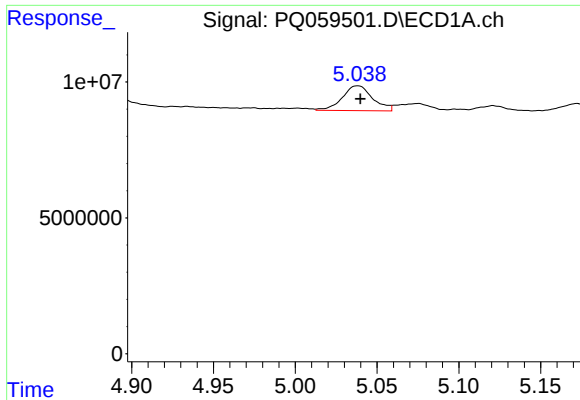
#6 AR-1016-4

R.T.: 4.750 min
Delta R.T.: -0.004 min
Response: 11869795
Conc: 36.05 ng/ml



#6 AR-1016-4

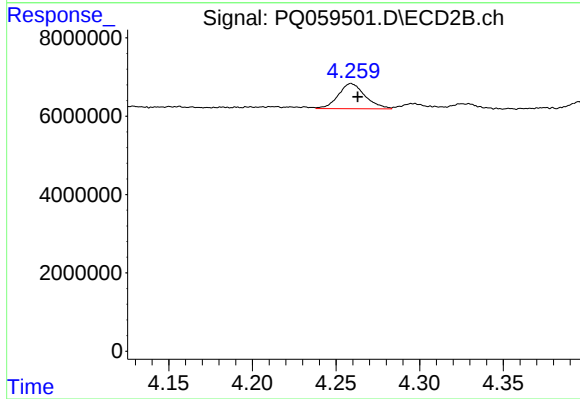
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 8586014
Conc: 50.22 ng/ml



#7 AR-1016-5

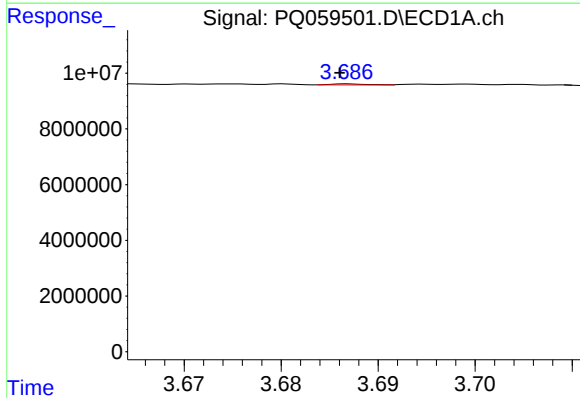
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 11793689
Conc: 37.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



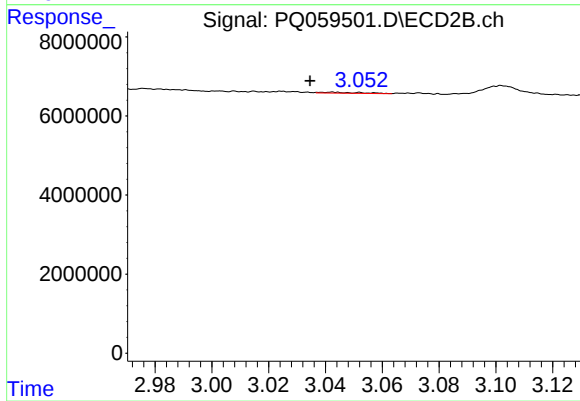
#7 AR-1016-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 7146394
Conc: 31.72 ng/ml



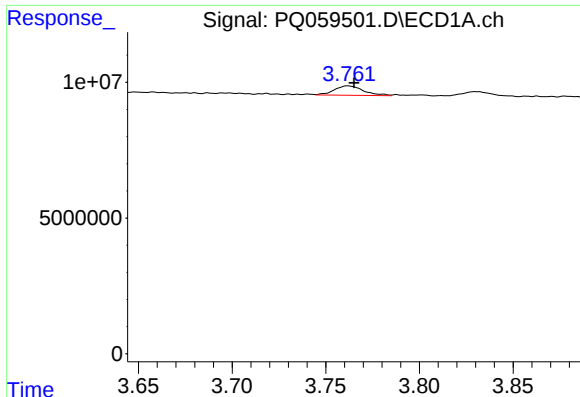
#8 AR-1221-1

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 89896
Conc: 0.61 ng/ml



#8 AR-1221-1

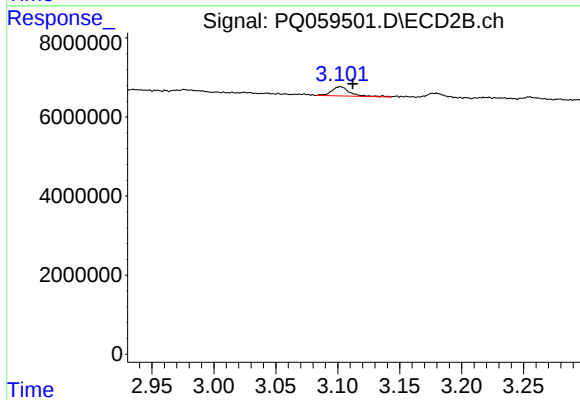
R.T.: 3.043 min
Delta R.T.: 0.008 min
Response: 219779
Conc: 2.21 ng/ml



#9 AR-1221-2

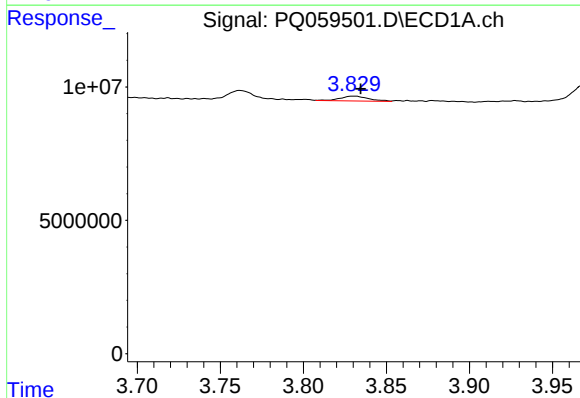
R.T.: 3.762 min
Delta R.T.: -0.003 min
Response: 3790314
Conc: 36.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



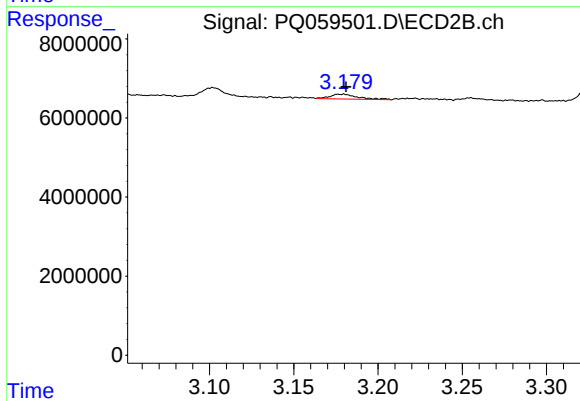
#9 AR-1221-2

R.T.: 3.102 min
Delta R.T.: -0.010 min
Response: 2436143
Conc: 35.59 ng/ml



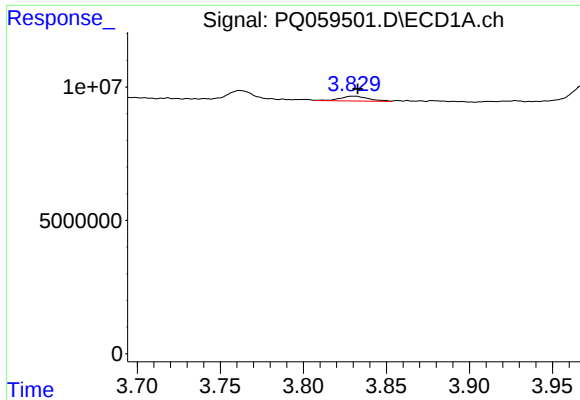
#10 AR-1221-3

R.T.: 3.829 min
Delta R.T.: -0.005 min
Response: 2176100
Conc: 6.54 ng/ml



#10 AR-1221-3

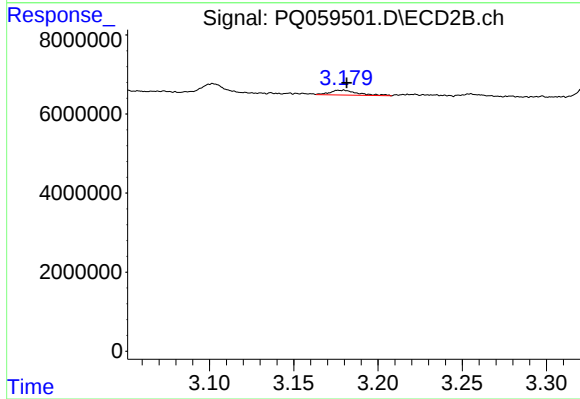
R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 1401117
Conc: 6.11 ng/ml



#11 AR-1232-1

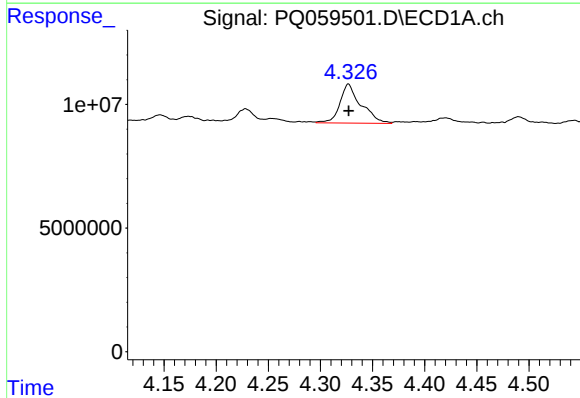
R.T.: 3.829 min
Delta R.T.: -0.003 min
Response: 2176100
Conc: 7.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



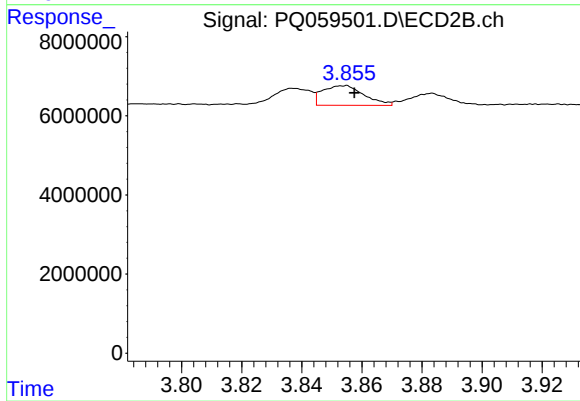
#11 AR-1232-1

R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 1401117
Conc: 7.28 ng/ml



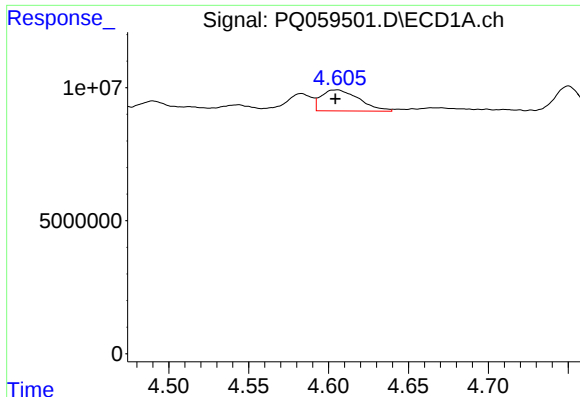
#12 AR-1232-2

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 22279877
Conc: 151.65 ng/ml



#12 AR-1232-2

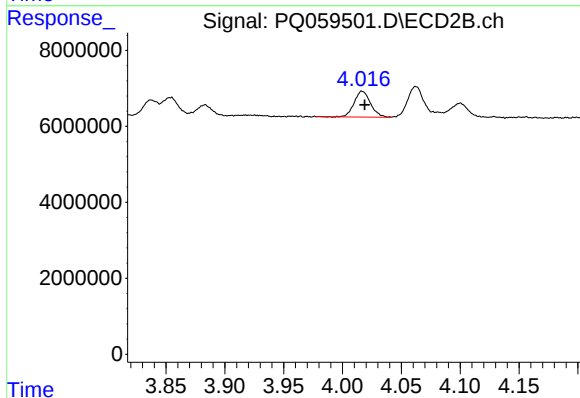
R.T.: 3.854 min
Delta R.T.: -0.004 min
Response: 4787156
Conc: 25.42 ng/ml



#13 AR-1232-3

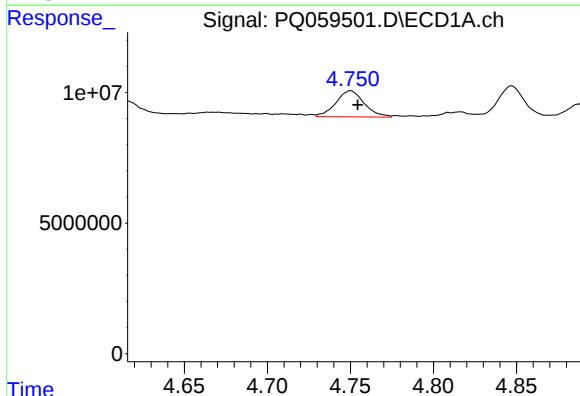
R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 13052796
Conc: 45.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



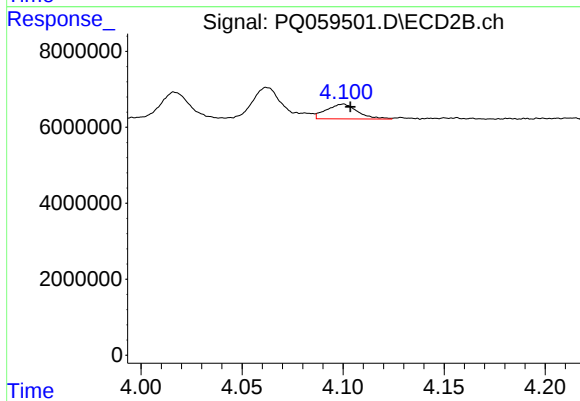
#13 AR-1232-3

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 6587751
Conc: 67.55 ng/ml



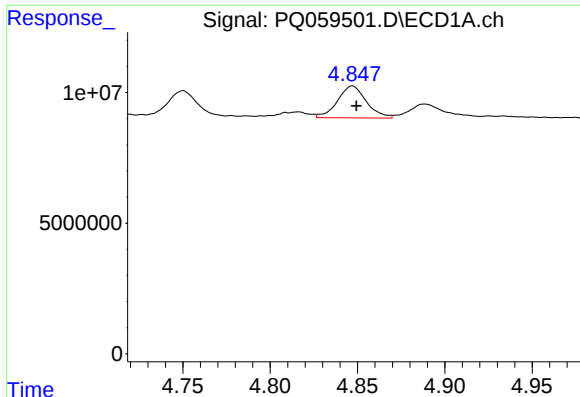
#14 AR-1232-4

R.T.: 4.750 min
Delta R.T.: -0.004 min
Response: 11869795
Conc: 79.33 ng/ml



#14 AR-1232-4

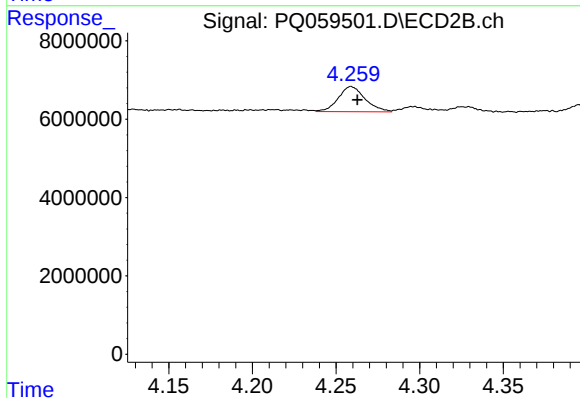
R.T.: 4.100 min
Delta R.T.: -0.004 min
Response: 4165659
Conc: 51.03 ng/ml



#15 AR-1232-5

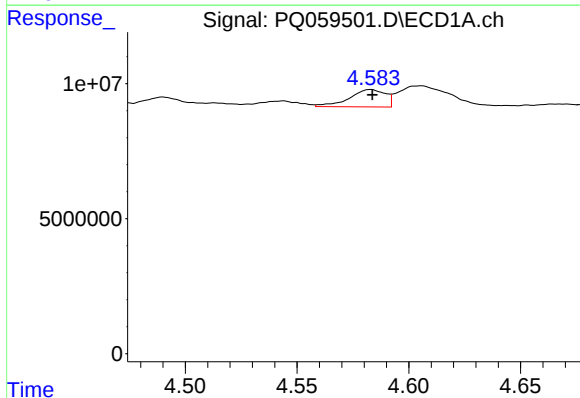
R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 14122441
Conc: 134.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



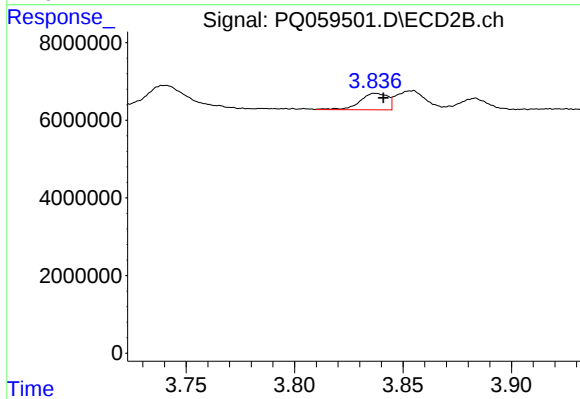
#15 AR-1232-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 7146394
Conc: 74.84 ng/ml



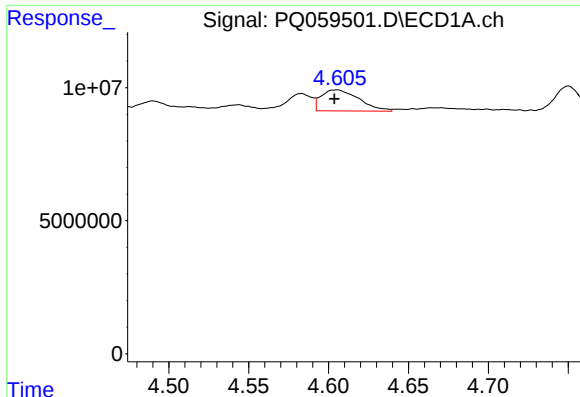
#16 AR-1242-1

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 7234748
Conc: 20.77 ng/ml



#16 AR-1242-1

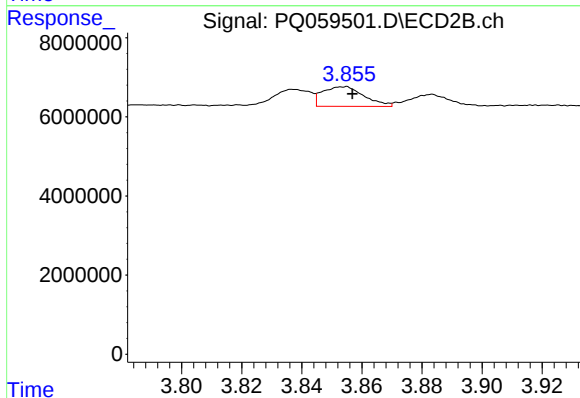
R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 3792680
Conc: 16.34 ng/ml



#17 AR-1242-2

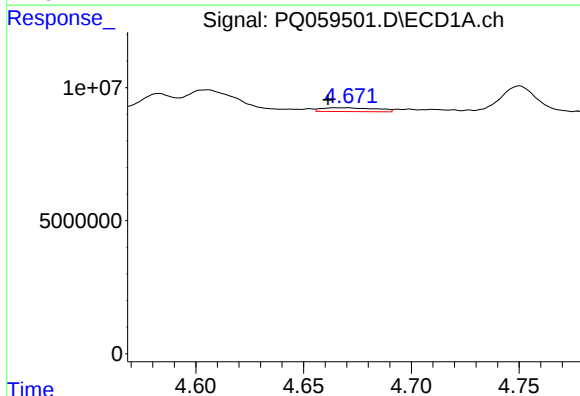
R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 13052796
Conc: 25.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



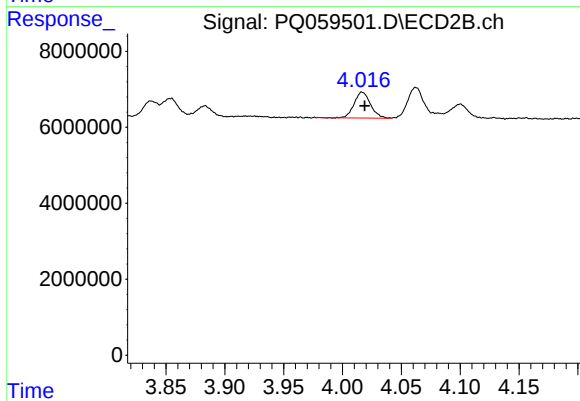
#17 AR-1242-2

R.T.: 3.854 min
Delta R.T.: -0.003 min
Response: 4787156
Conc: 13.73 ng/ml



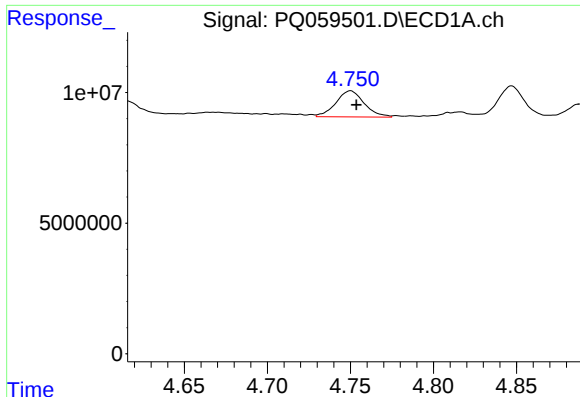
#18 AR-1242-3

R.T.: 4.664 min
Delta R.T.: 0.003 min
Response: 2524102
Conc: 7.81 ng/ml



#18 AR-1242-3

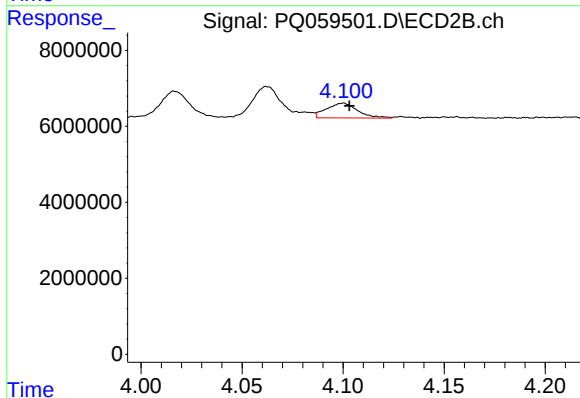
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 6587751
Conc: 36.05 ng/ml



#19 AR-1242-4

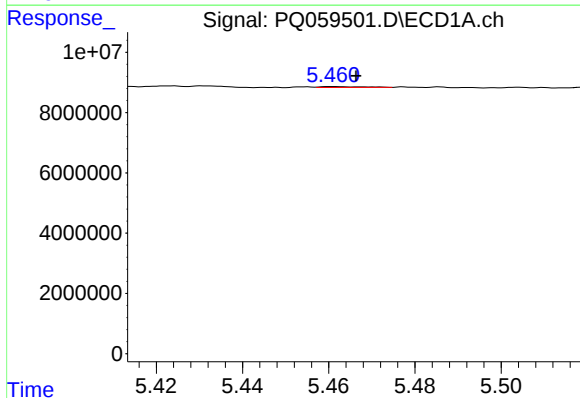
R.T.: 4.750 min
Delta R.T.: -0.003 min
Response: 11869795
Conc: 44.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



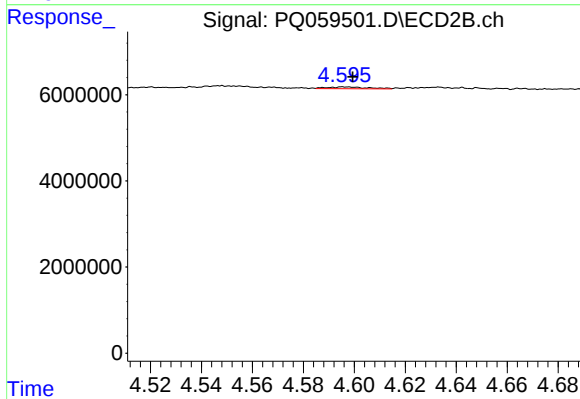
#19 AR-1242-4

R.T.: 4.100 min
Delta R.T.: -0.003 min
Response: 4165659
Conc: 24.70 ng/ml



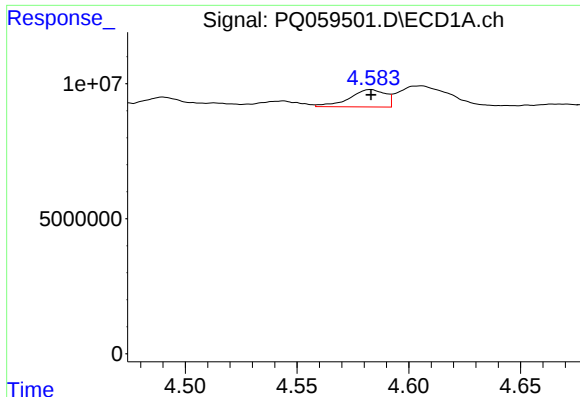
#20 AR-1242-5

R.T.: 5.461 min
Delta R.T.: -0.005 min
Response: 214823
Conc: 0.80 ng/ml



#20 AR-1242-5

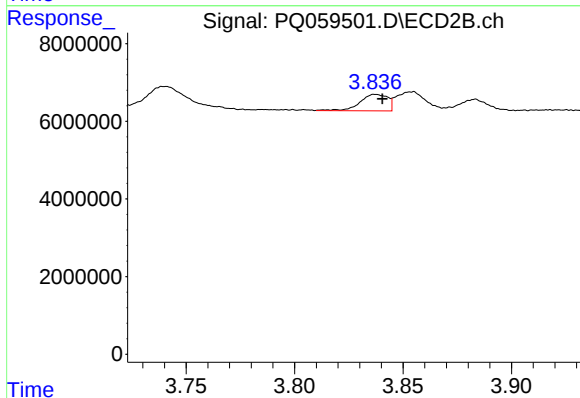
R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 452790
Conc: 2.05 ng/ml



#21 AR-1248-1

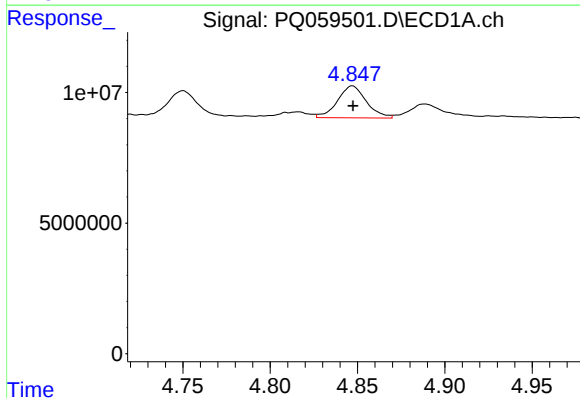
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 7234748
Conc: 27.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



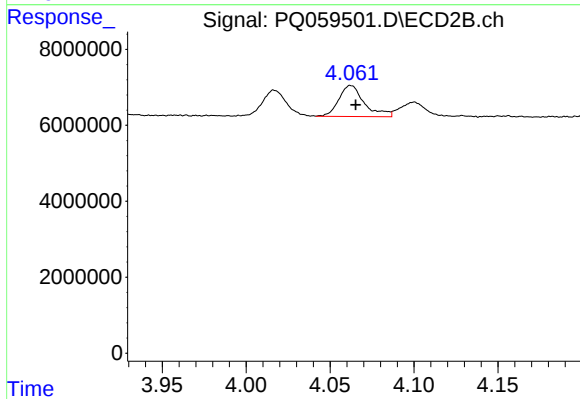
#21 AR-1248-1

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 3792680
Conc: 21.33 ng/ml



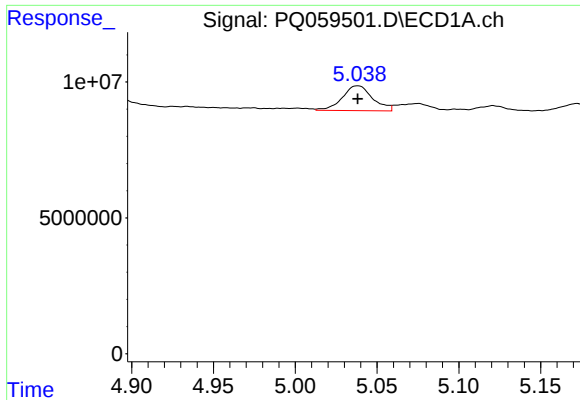
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 14122441
Conc: 39.61 ng/ml



#22 AR-1248-2

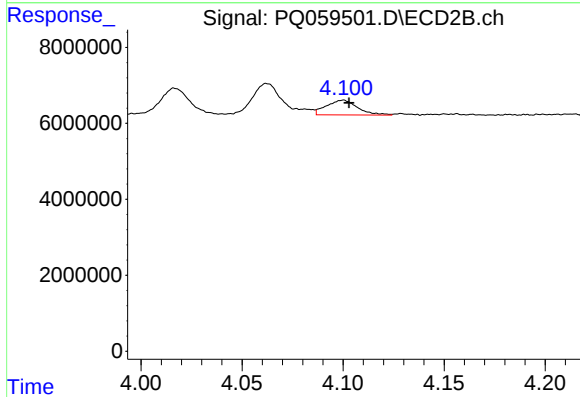
R.T.: 4.062 min
Delta R.T.: -0.003 min
Response: 8586014
Conc: 34.01 ng/ml



#23 AR-1248-3

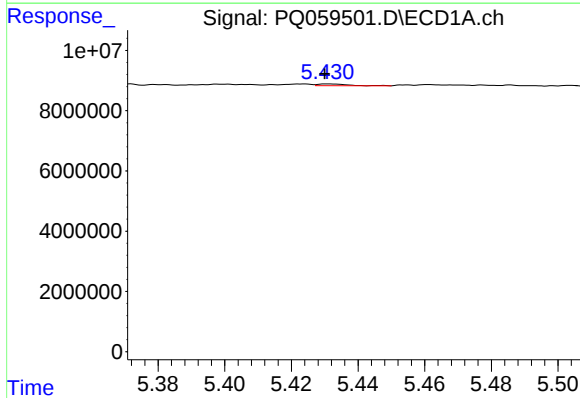
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 11793689
Conc: 27.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



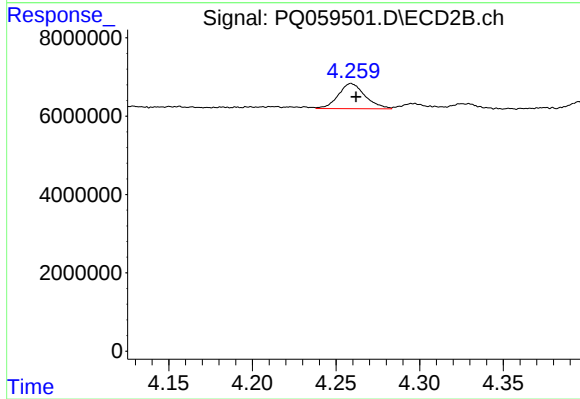
#23 AR-1248-3

R.T.: 4.100 min
Delta R.T.: -0.003 min
Response: 4165659
Conc: 16.50 ng/ml



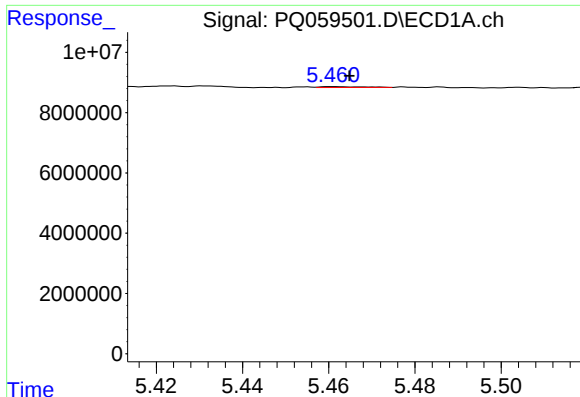
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 359895
Conc: 0.77 ng/ml



#24 AR-1248-4

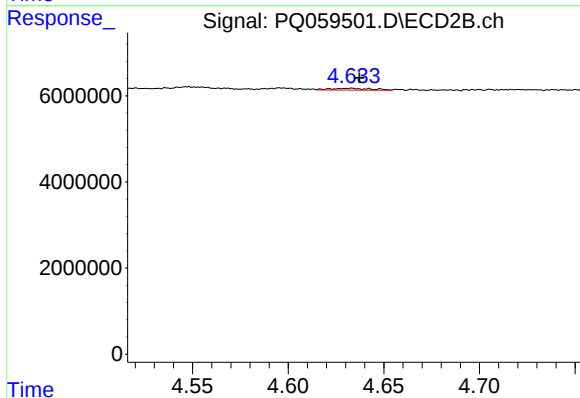
R.T.: 4.259 min
Delta R.T.: -0.003 min
Response: 7146394
Conc: 22.88 ng/ml



#25 AR-1248-5

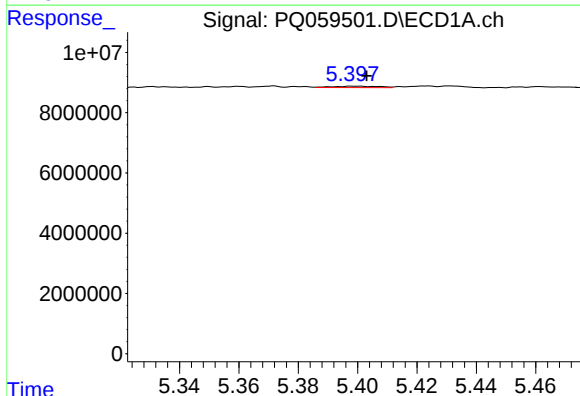
R.T.: 5.461 min
Delta R.T.: -0.004 min
Response: 214823
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



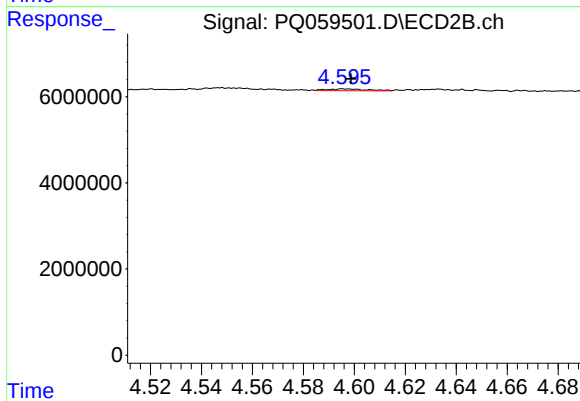
#25 AR-1248-5

R.T.: 4.633 min
Delta R.T.: -0.004 min
Response: 597716
Conc: 1.90 ng/ml



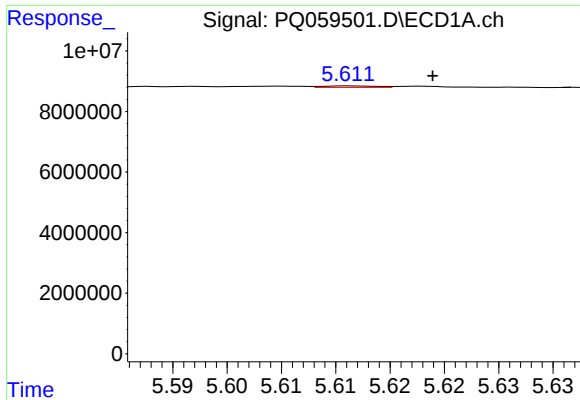
#26 AR-1254-1

R.T.: 5.398 min
Delta R.T.: -0.005 min
Response: 524820
Conc: 1.09 ng/ml



#26 AR-1254-1

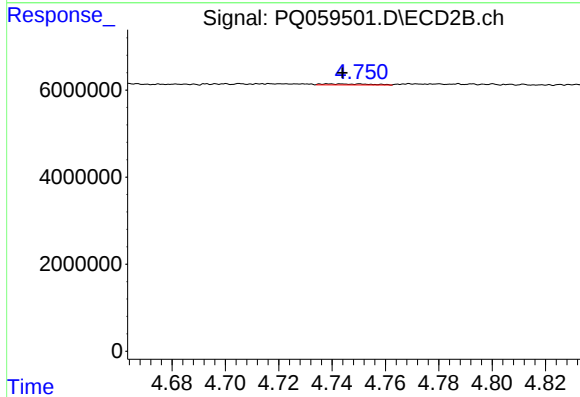
R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 452790
Conc: 0.93 ng/ml



#27 AR-1254-2

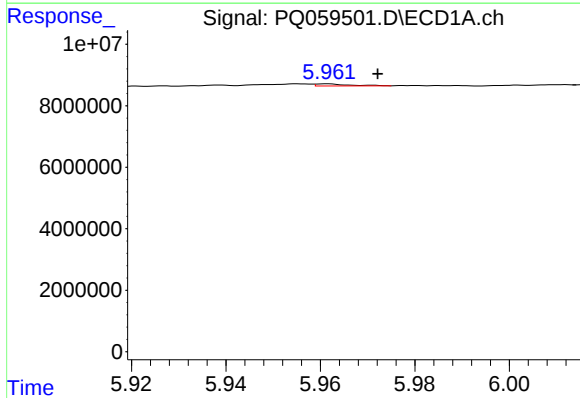
R.T.: 5.611 min
Delta R.T.: -0.008 min
Response: 173643
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



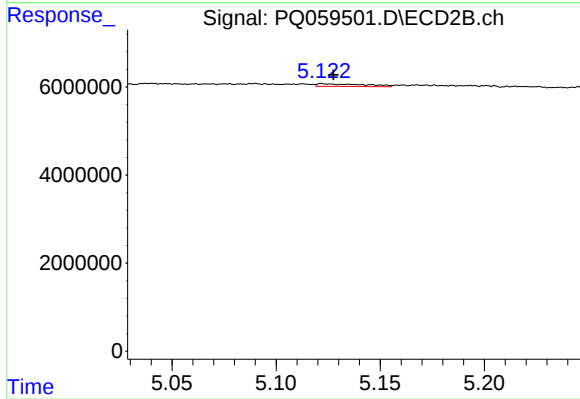
#27 AR-1254-2

R.T.: 4.739 min
Delta R.T.: -0.005 min
Response: 268079
Conc: 0.62 ng/ml



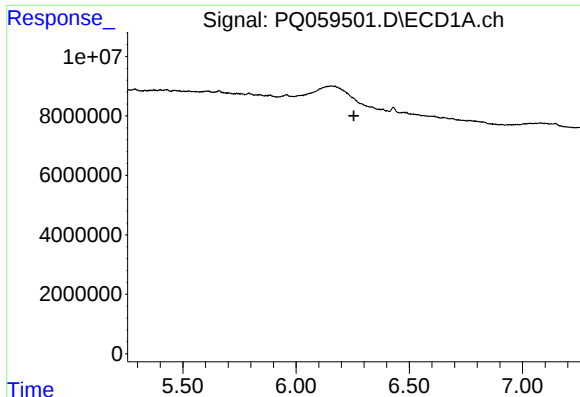
#28 AR-1254-3

R.T.: 5.962 min
Delta R.T.: -0.011 min
Response: 302332
Conc: 0.39 ng/ml



#28 AR-1254-3

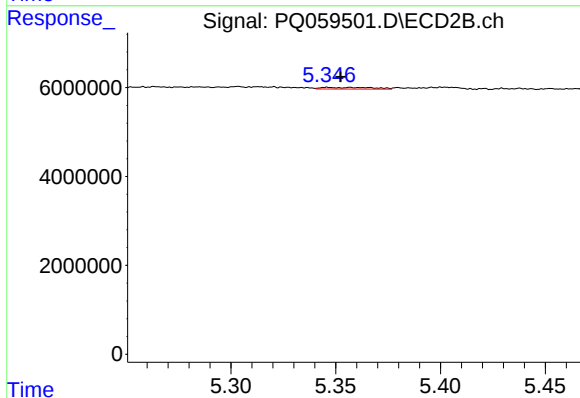
R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 934501
Conc: 1.35 ng/ml



#29 AR-1254-4

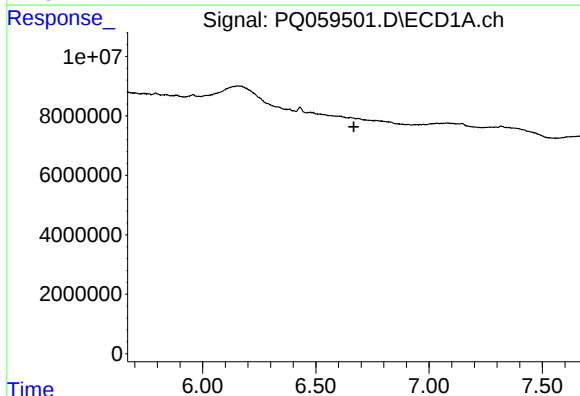
R.T.: 0.000 min
Exp R.T.: 6.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



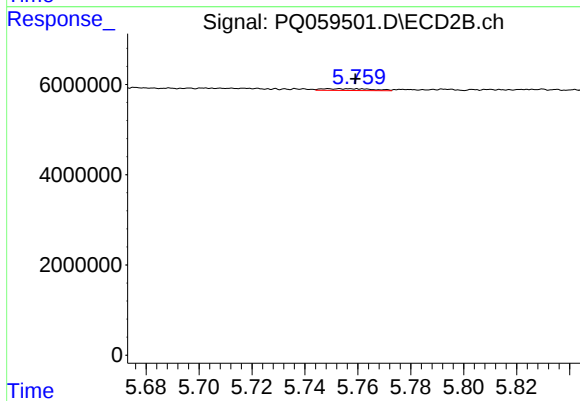
#29 AR-1254-4

R.T.: 5.346 min
Delta R.T.: -0.006 min
Response: 633065
Conc: 1.47 ng/ml



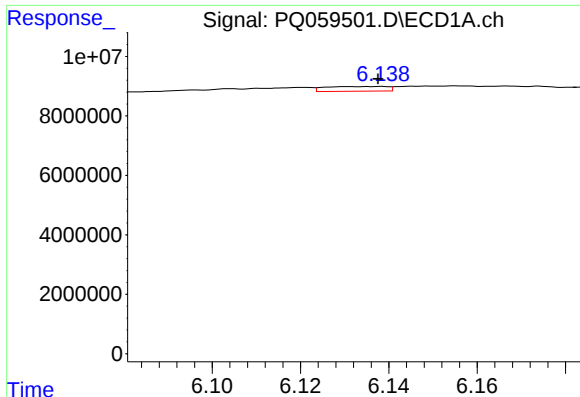
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.668 min
Response: 0
Conc: N.D.



#30 AR-1254-5

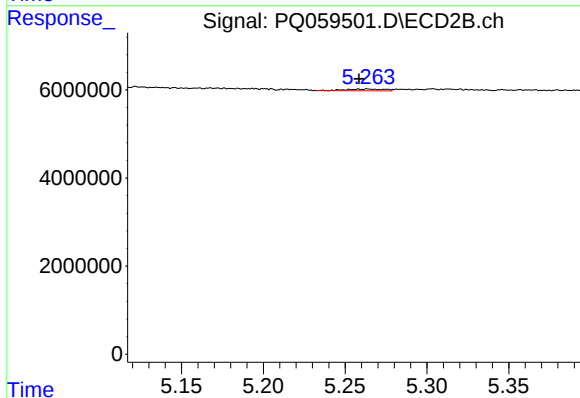
R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 539058
Conc: 0.87 ng/ml



#31 AR-1260-1

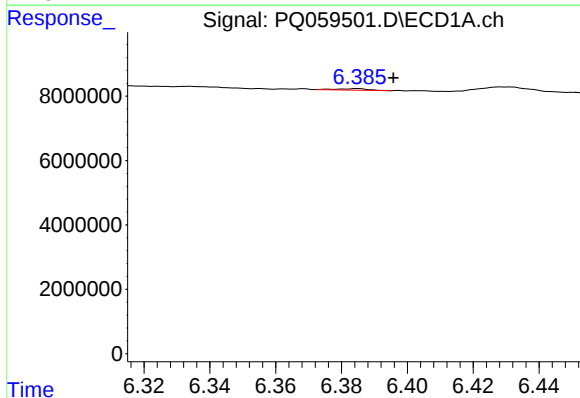
R.T.: 6.130 min
Delta R.T.: -0.007 min
Response: 1544915
Conc: 2.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



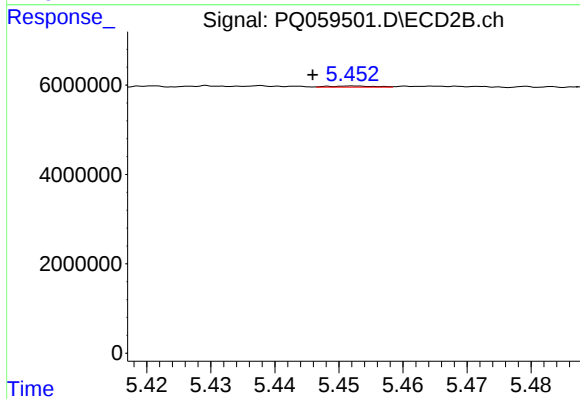
#31 AR-1260-1

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 637712
Conc: 1.42 ng/ml



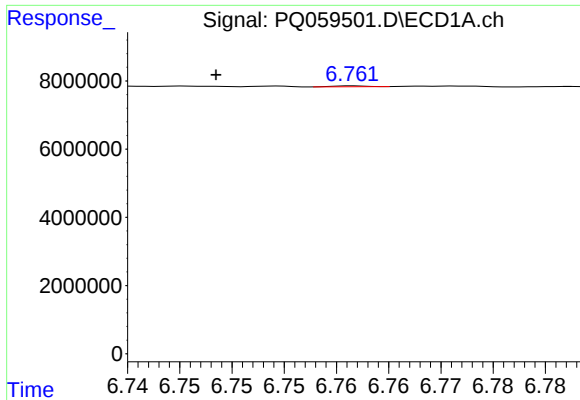
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.011 min
Response: 300831
Conc: 0.47 ng/ml



#32 AR-1260-2

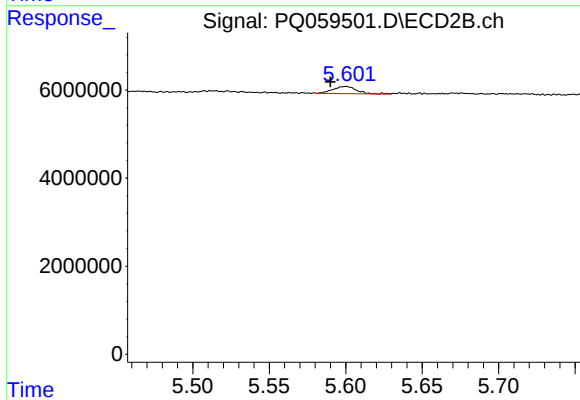
R.T.: 5.452 min
Delta R.T.: 0.006 min
Response: 127286
Conc: 0.23 ng/ml



#33 AR-1260-3

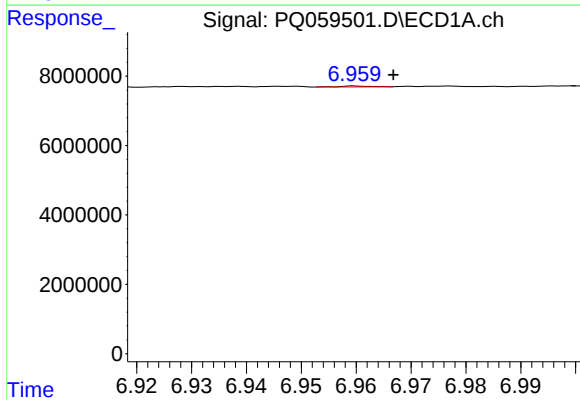
R.T.: 6.762 min
Delta R.T.: 0.013 min
Response: 55898
Conc: 0.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



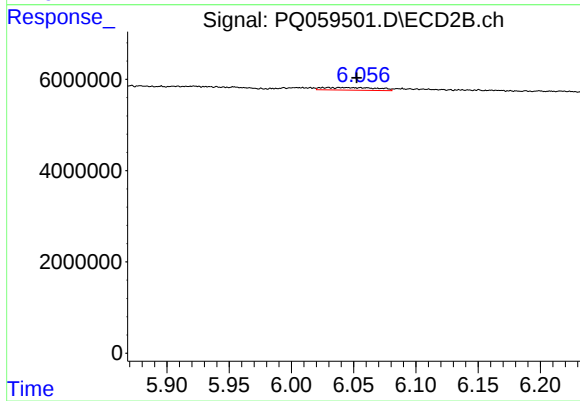
#33 AR-1260-3

R.T.: 5.600 min
Delta R.T.: 0.010 min
Response: 1777242
Conc: 3.43 ng/ml



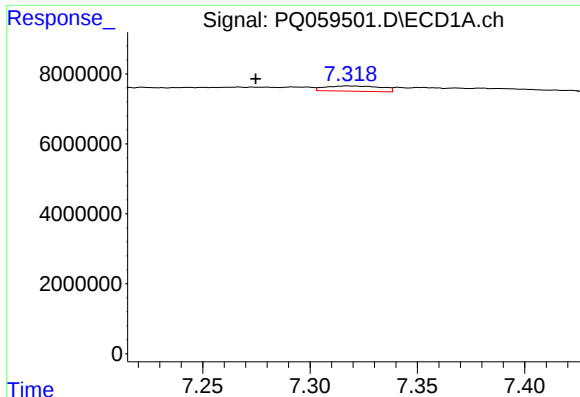
#34 AR-1260-4

R.T.: 6.960 min
Delta R.T.: -0.007 min
Response: 113678
Conc: 0.24 ng/ml



#34 AR-1260-4

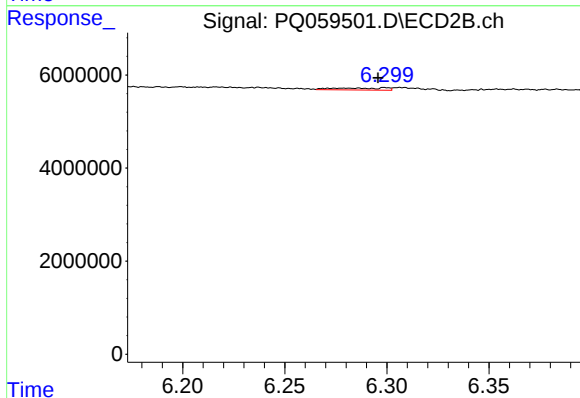
R.T.: 6.030 min
Delta R.T.: -0.022 min
Response: 1809307
Conc: 4.09 ng/ml



#35 AR-1260-5

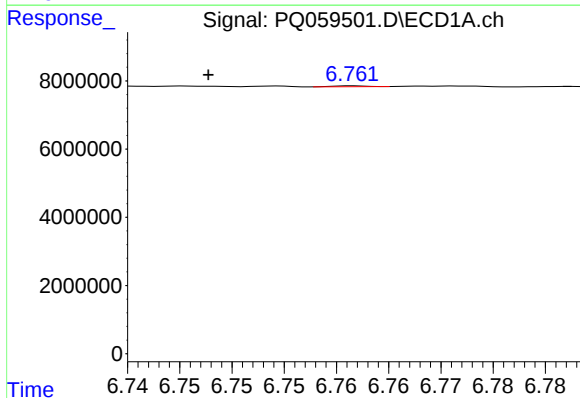
R.T.: 7.317 min
Delta R.T.: 0.043 min
Response: 2748886
Conc: 3.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



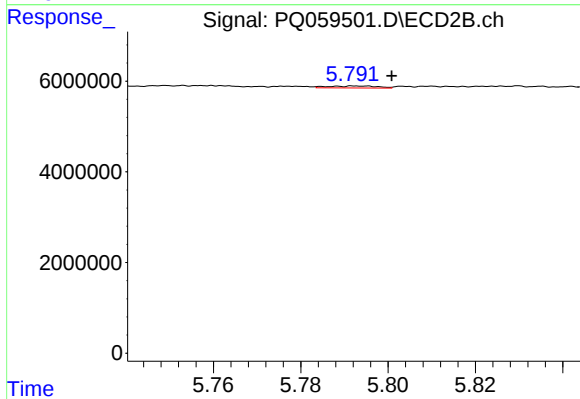
#35 AR-1260-5

R.T.: 6.286 min
Delta R.T.: -0.009 min
Response: 772153
Conc: 0.76 ng/ml



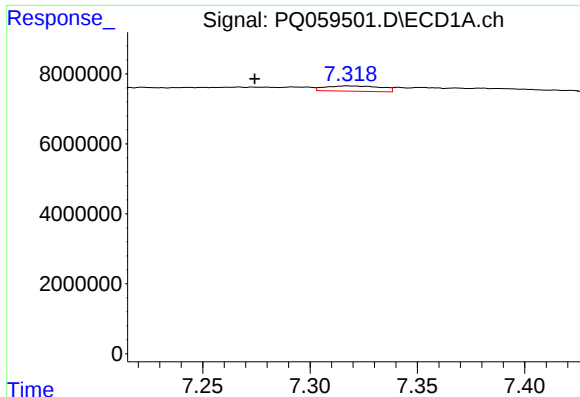
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: 0.014 min
Response: 55898
Conc: 0.08 ng/ml



#36 AR-1262-1

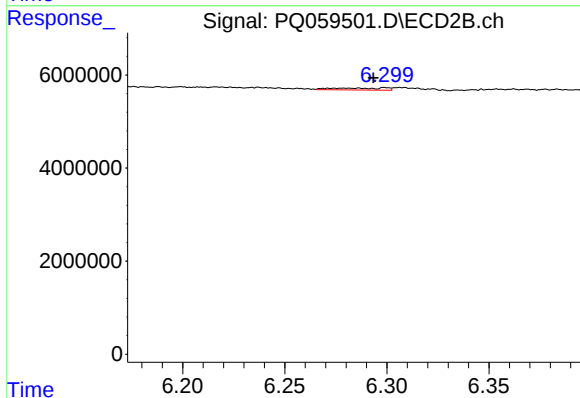
R.T.: 5.793 min
Delta R.T.: -0.008 min
Response: 332604
Conc: 0.52 ng/ml



#37 AR-1262-2

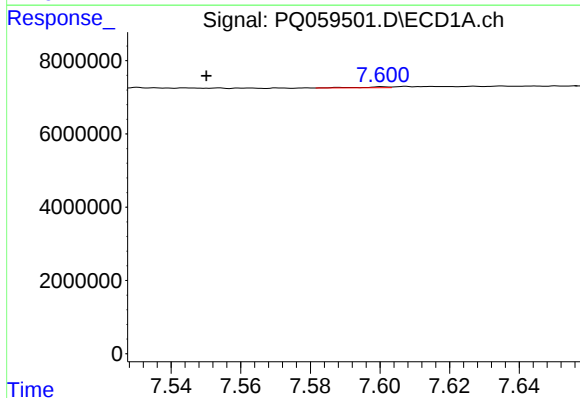
R.T.: 7.317 min
Delta R.T.: 0.043 min
Response: 2748886
Conc: 2.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



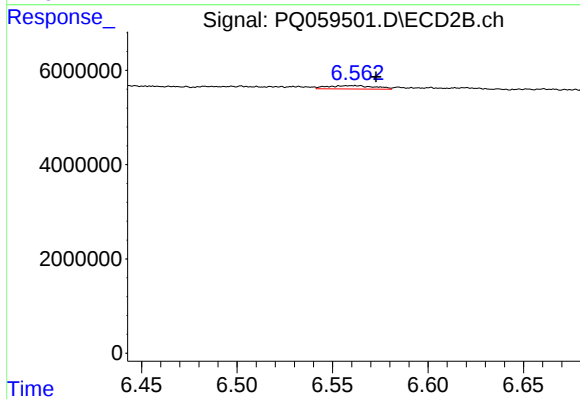
#37 AR-1262-2

R.T.: 6.286 min
Delta R.T.: -0.007 min
Response: 772153
Conc: 0.66 ng/ml



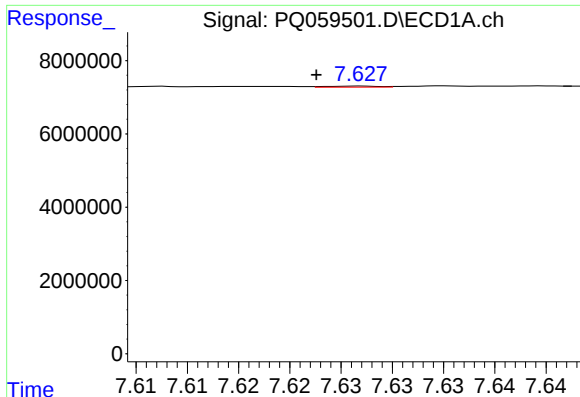
#38 AR-1262-3

R.T.: 7.600 min
Delta R.T.: 0.050 min
Response: 162454
Conc: 0.24 ng/ml



#38 AR-1262-3

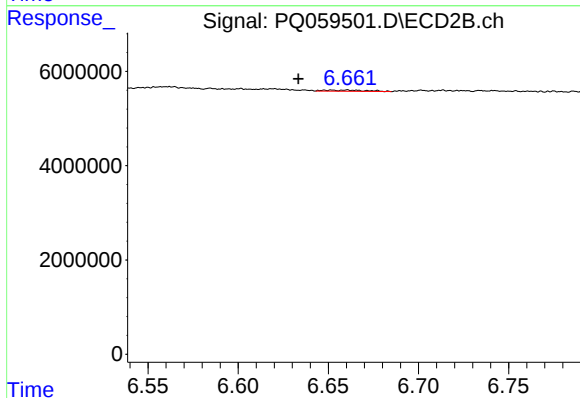
R.T.: 6.562 min
Delta R.T.: -0.011 min
Response: 1261688
Conc: 2.74 ng/ml



#39 AR-1262-4

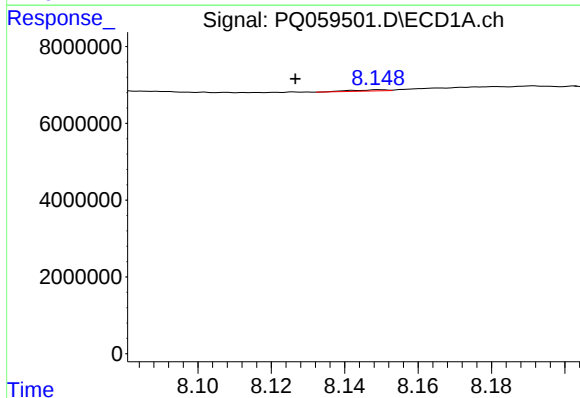
R.T.: 7.627 min
Delta R.T.: 0.005 min
Response: 107160
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



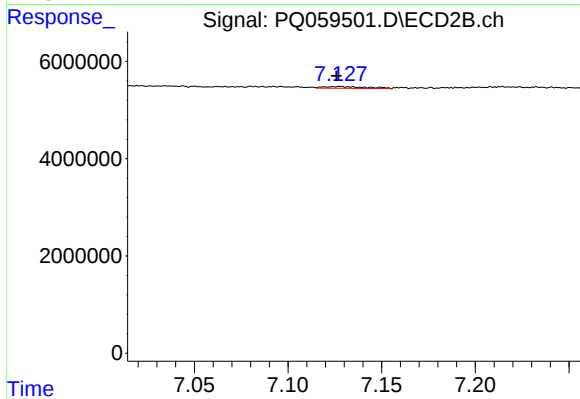
#39 AR-1262-4

R.T.: 6.660 min
Delta R.T.: 0.027 min
Response: 394730
Conc: 0.45 ng/ml



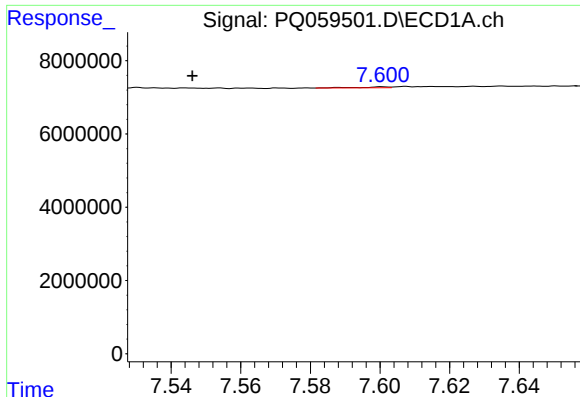
#40 AR-1262-5

R.T.: 8.149 min
Delta R.T.: 0.023 min
Response: 198865
Conc: 0.70 ng/ml



#40 AR-1262-5

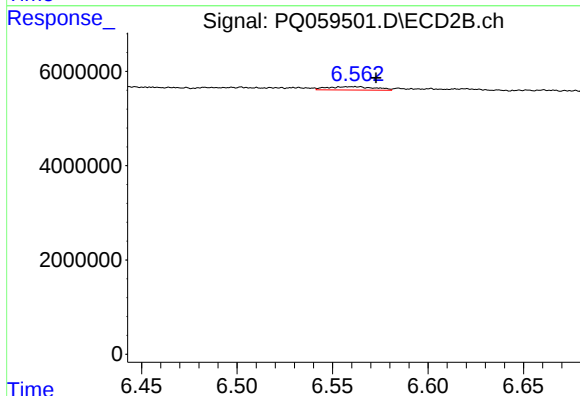
R.T.: 7.128 min
Delta R.T.: 0.002 min
Response: 557049
Conc: 1.40 ng/ml



#41 AR-1268-1

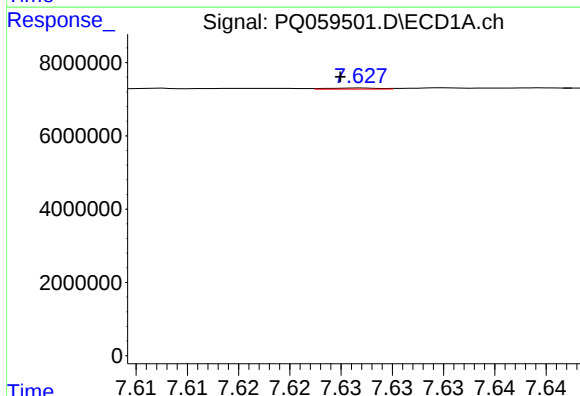
R.T.: 7.600 min
Delta R.T.: 0.054 min
Response: 162454
Conc: 0.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



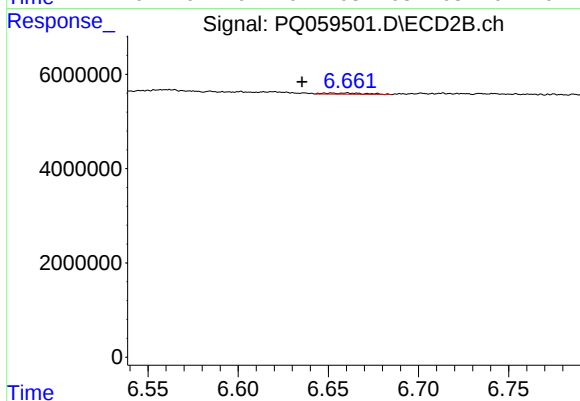
#41 AR-1268-1

R.T.: 6.562 min
Delta R.T.: -0.011 min
Response: 1261688
Conc: 0.90 ng/ml



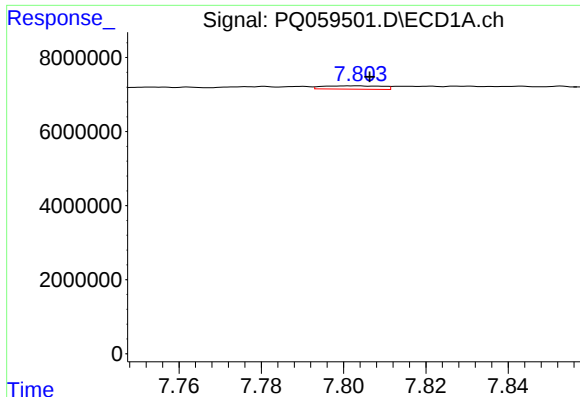
#42 AR-1268-2

R.T.: 7.627 min
Delta R.T.: 0.002 min
Response: 107160
Conc: 0.10 ng/ml



#42 AR-1268-2

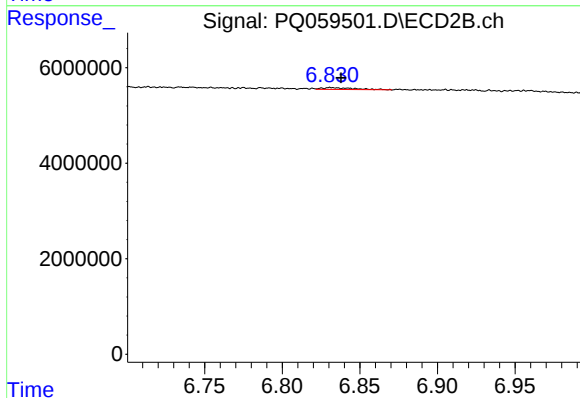
R.T.: 6.660 min
Delta R.T.: 0.025 min
Response: 394730
Conc: 0.31 ng/ml



#43 AR-1268-3

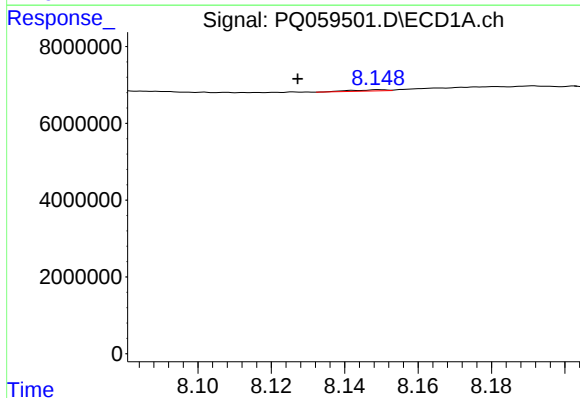
R.T.: 7.804 min
Delta R.T.: -0.003 min
Response: 901092
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



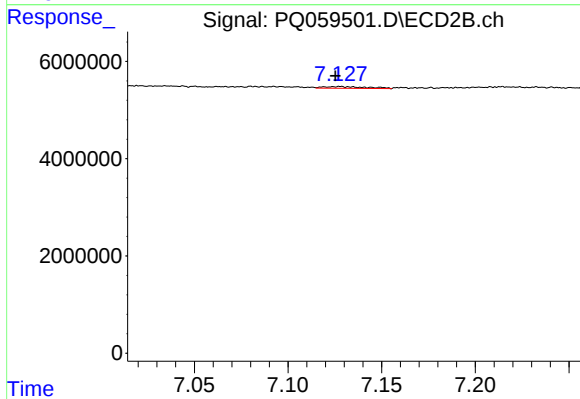
#43 AR-1268-3

R.T.: 6.831 min
Delta R.T.: -0.007 min
Response: 313766
Conc: 0.28 ng/ml



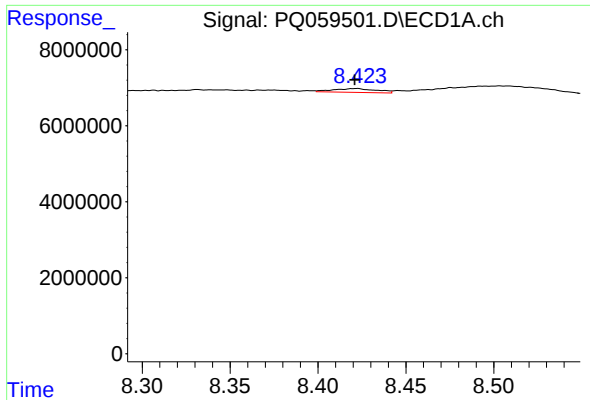
#44 AR-1268-4

R.T.: 8.149 min
Delta R.T.: 0.022 min
Response: 198865
Conc: 0.62 ng/ml



#44 AR-1268-4

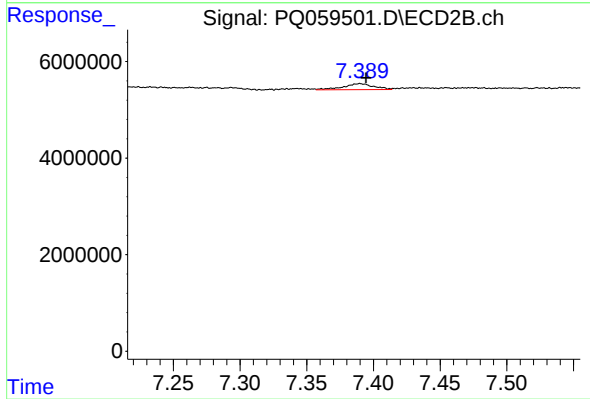
R.T.: 7.128 min
Delta R.T.: 0.003 min
Response: 557049
Conc: 1.23 ng/ml



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: 0.002 min
Response: 1702243
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 1978526
Conc: 0.55 ng/ml