

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110722\
 Data File : PQ059973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2022 23:49
 Operator : YP\AJ
 Sample : N5437-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:31:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 01 17:05:38 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...	3.458	2.807	161.3E6	130.3E6	13.368	16.422
2)	SA Decachlor...	8.631	7.570	69464305	84422004	9.520	11.606
Target Compounds							
3)	L1 AR-1016-1	4.537f	3.816	159776	432532	0.368	1.632 #
4)	L1 AR-1016-2	4.575	3.816	662642	432532	1.056	1.098
5)	L1 AR-1016-3	4.643	3.987	5128370	3178754	13.246	15.528
6)	L1 AR-1016-4	4.725	4.030	1220625	244325	3.791	1.535 #
7)	L1 AR-1016-5	5.001	4.230	4928570	1275231	16.103	6.189 #
8)	L2 AR-1221-1	3.655	3.011	9332757	221005	64.037	2.412 #
9)	L2 AR-1221-2	3.737	3.076	8080556	1550467	73.536	22.724 #
10)	L2 AR-1221-3	3.813	3.151	1831035	239452	5.654	1.125 #
11)	L3 AR-1232-1	3.813	3.151	1831035	239452	7.439	1.477 #
12)	L3 AR-1232-2	4.317f	3.816	13890555	432532	91.486	2.512 #
13)	L3 AR-1232-3	4.575	3.987	662642	3178754	2.444	35.507 #
14)	L3 AR-1232-4	4.725	4.059	1220625	1430697	8.629	19.446 #
15)	L3 AR-1232-5	4.829	4.230	7292613	1275231	73.554	14.454 #
16)	L4 AR-1242-1	4.537f	3.816	159776	432532	0.475	2.101 #
17)	L4 AR-1242-2	4.575	3.816	662642	432532	1.354	1.407
18)	L4 AR-1242-3	4.643	3.987	5128370	3178754	17.079	19.920
19)	L4 AR-1242-4	4.725	4.059	1220625	1430697	4.844	9.756 #
20)	L4 AR-1242-5	5.442	4.571	6916716	772567	25.995	3.767 #
21)	L5 AR-1248-1	4.537f	3.816	159776	432532	0.626	2.727 #
22)	L5 AR-1248-2	4.829	4.030	7292613	244325	22.313	1.133 #
23)	L5 AR-1248-3	5.001	4.059	4928570	1430697	12.561	6.798 #
24)	L5 AR-1248-4	5.374f	4.230	2134854	1275231	4.822	4.792
25)	L5 AR-1248-5	5.442	4.609	6916716	5783540	15.851	22.048 #
26)	L6 AR-1254-1	5.374	4.571	2134854	772567	4.723	1.899 #
27)	L6 AR-1254-2	5.590	4.711	855225	1523761	1.232	4.236 #
28)	L6 AR-1254-3	5.931	5.093	3059948	3634292	4.197	6.333 #
29)	L6 AR-1254-4	0.000	5.324	0	2272785	N.D.	6.233 #
30)	L6 AR-1254-5	6.649	5.725	8174642	1182795	13.765	2.208 #
31)	L7 AR-1260-1	6.106	5.223	360187	512564	0.644	1.294 #
32)	L7 AR-1260-2	6.368	5.412	9190755	1459633	13.726	3.030 #
33)	L7 AR-1260-3	6.713	5.558	14549457	1106364	34.171	2.386 #
34)	L7 AR-1260-4	6.952	6.002	6067379	8489829	12.125	24.823 #
35)	L7 AR-1260-5	7.251	6.250	2834882	11566330	2.900	13.915 #
36)	L8 AR-1262-1	6.713	5.761	14549457	752672	21.921	1.471 #
37)	L8 AR-1262-2	7.251	6.250	2834882	11566330	2.548	12.200 #
38)	L8 AR-1262-3	7.516	6.543	1236471	3536636	1.721	9.555 #
39)	L8 AR-1262-4	7.615f	6.592	1360709	2129832	2.450	3.007
40)	L8 AR-1262-5	8.095	7.065f	294536	2547532	0.850	7.650 #
41)	L9 AR-1268-1	7.516	6.543	1236471	3536636	0.986	3.197 #

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 Acq On : 07 Nov 2022 23:49
 Operator : YP\AJ
 Sample : N5437-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

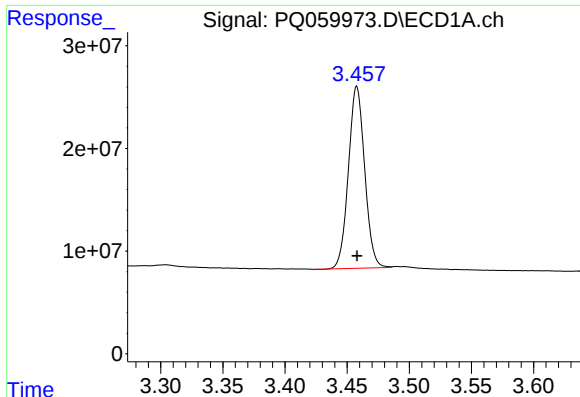
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:31:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.M
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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	7.615f	6.592	1360709	2129832	1.184	2.083 #
43) L9	AR-1268-3	7.763	6.801	1103320	1280510	1.192	1.467
44) L9	AR-1268-4	8.095	7.065f	294536	2547532	0.758	6.762 #
45) L9	AR-1268-5	8.397	7.351	805796	1768646	0.306	0.635 #

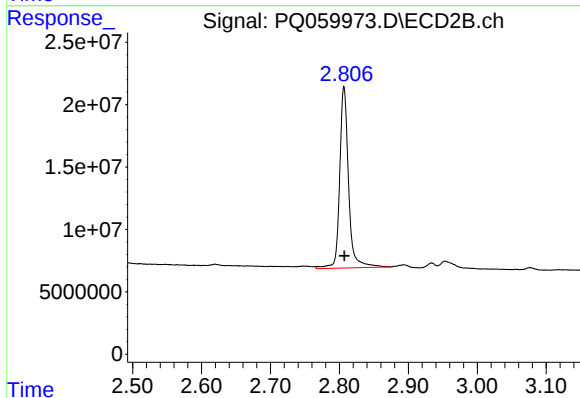
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

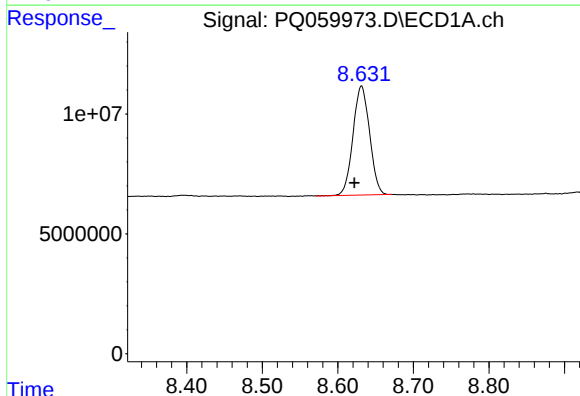
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 161288938
Conc: 13.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



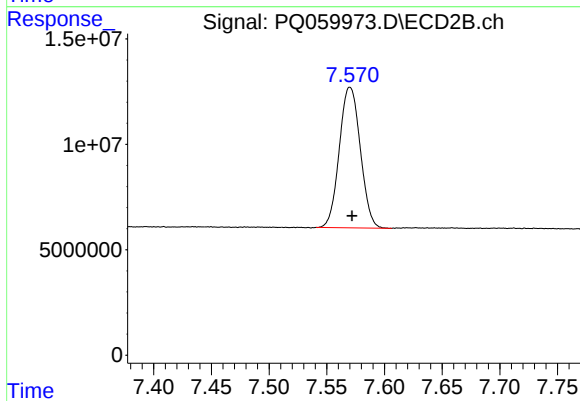
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 130293214
Conc: 16.42 ng/ml



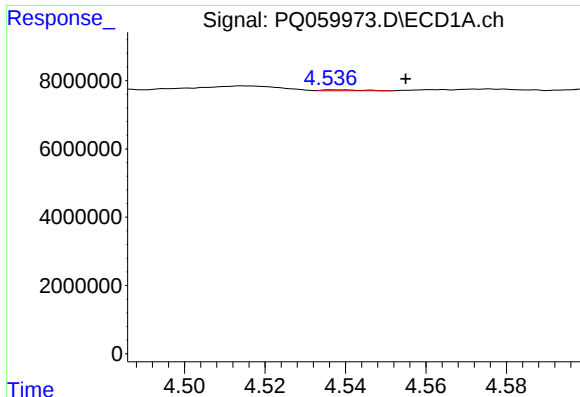
#2 Decachlorobiphenyl

R.T.: 8.631 min
Delta R.T.: 0.009 min
Response: 69464305
Conc: 9.52 ng/ml



#2 Decachlorobiphenyl

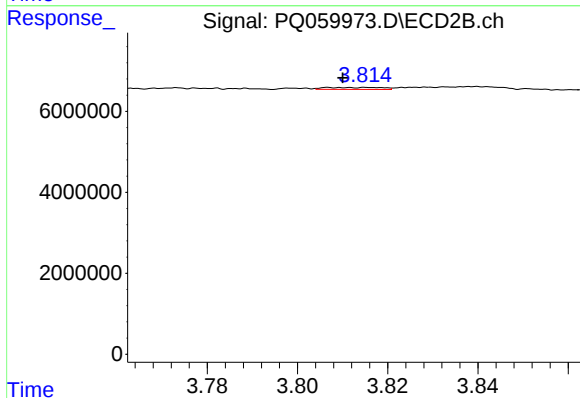
R.T.: 7.570 min
Delta R.T.: -0.002 min
Response: 84422004
Conc: 11.61 ng/ml



#3 AR-1016-1

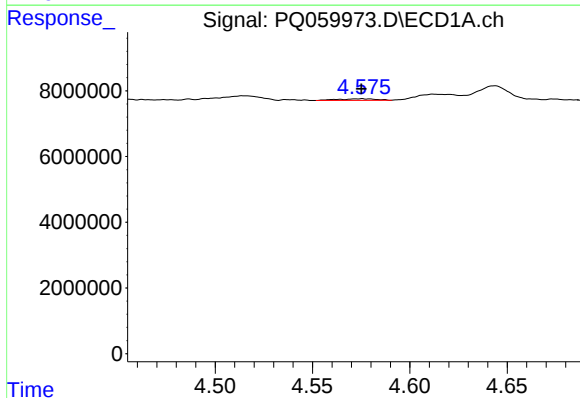
R.T.: 4.537 min
Delta R.T.: -0.018 min
Response: 159776
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



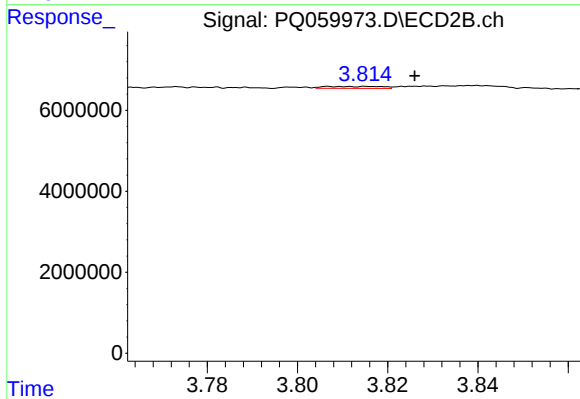
#3 AR-1016-1

R.T.: 3.816 min
Delta R.T.: 0.006 min
Response: 432532
Conc: 1.63 ng/ml



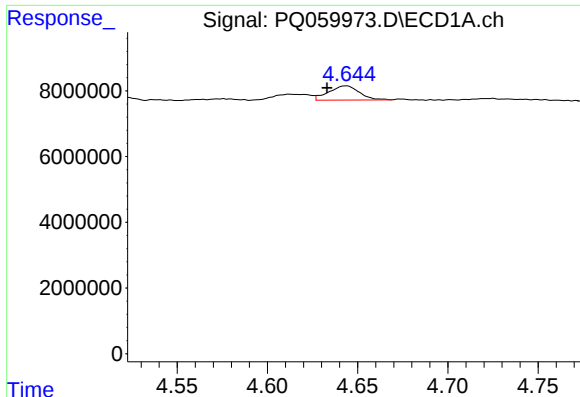
#4 AR-1016-2

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 662642
Conc: 1.06 ng/ml



#4 AR-1016-2

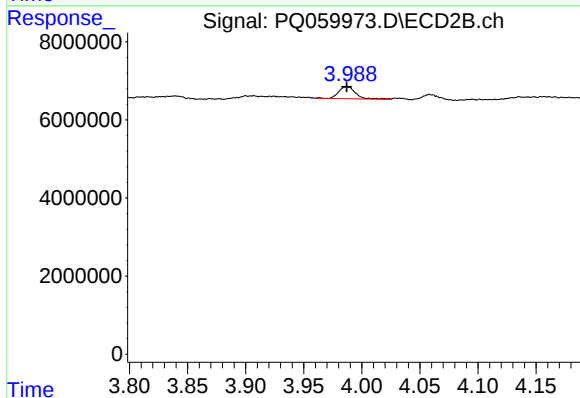
R.T.: 3.816 min
Delta R.T.: -0.010 min
Response: 432532
Conc: 1.10 ng/ml



#5 AR-1016-3

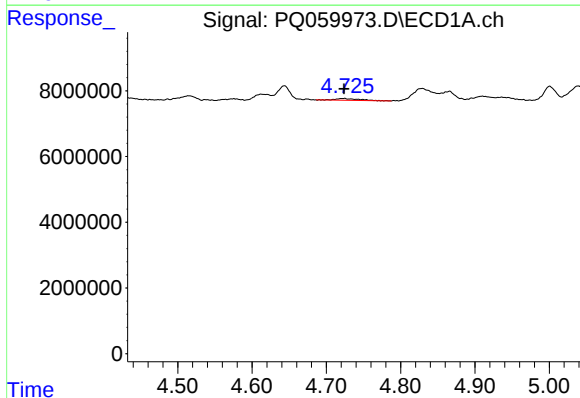
R.T.: 4.643 min
Delta R.T.: 0.010 min
Response: 5128370
Conc: 13.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



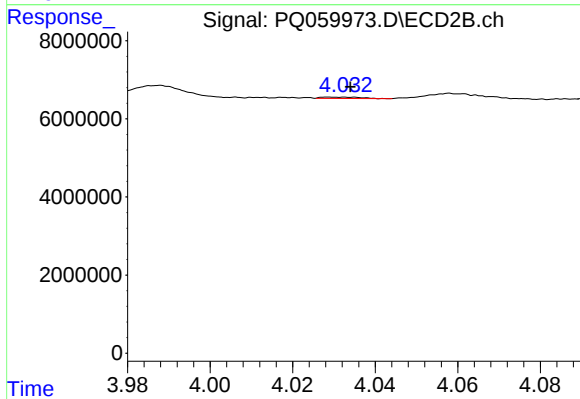
#5 AR-1016-3

R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 3178754
Conc: 15.53 ng/ml



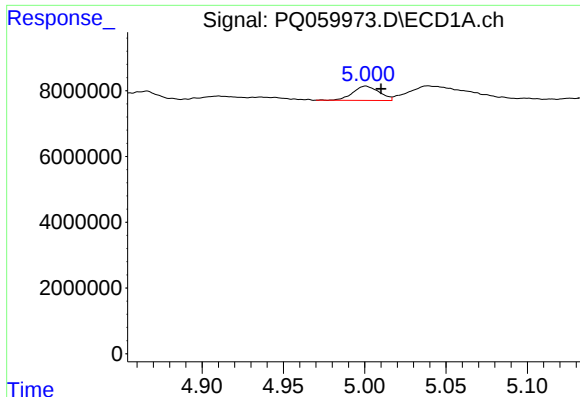
#6 AR-1016-4

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 1220625
Conc: 3.79 ng/ml



#6 AR-1016-4

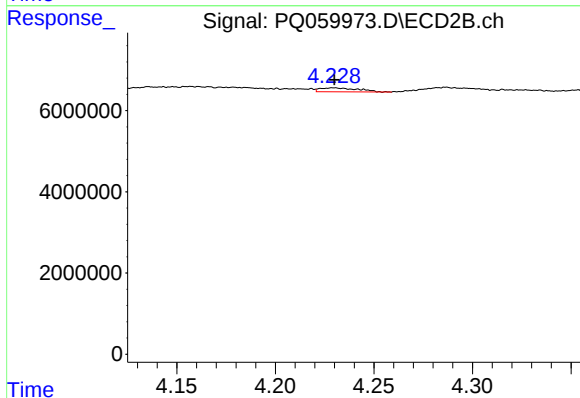
R.T.: 4.030 min
Delta R.T.: -0.004 min
Response: 244325
Conc: 1.53 ng/ml



#7 AR-1016-5

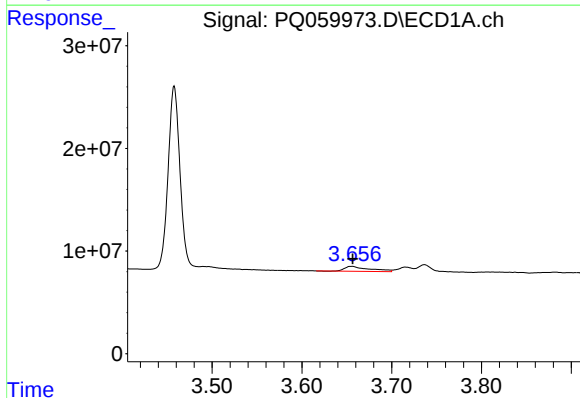
R.T.: 5.001 min
Delta R.T.: -0.009 min
Response: 4928570
Conc: 16.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



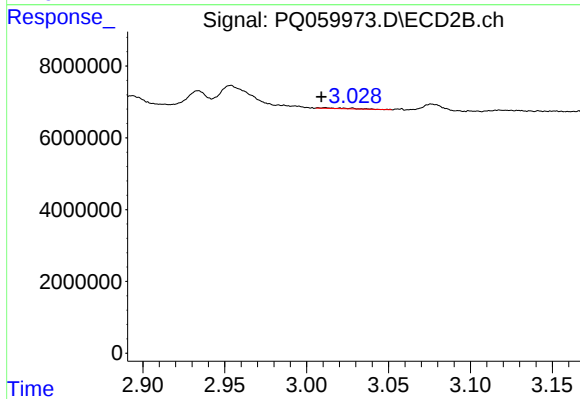
#7 AR-1016-5

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 1275231
Conc: 6.19 ng/ml



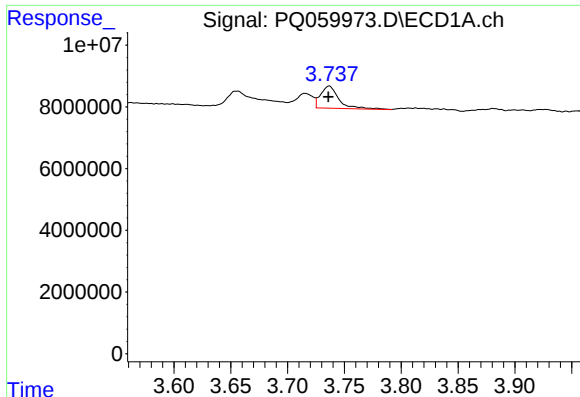
#8 AR-1221-1

R.T.: 3.655 min
Delta R.T.: -0.001 min
Response: 9332757
Conc: 64.04 ng/ml



#8 AR-1221-1

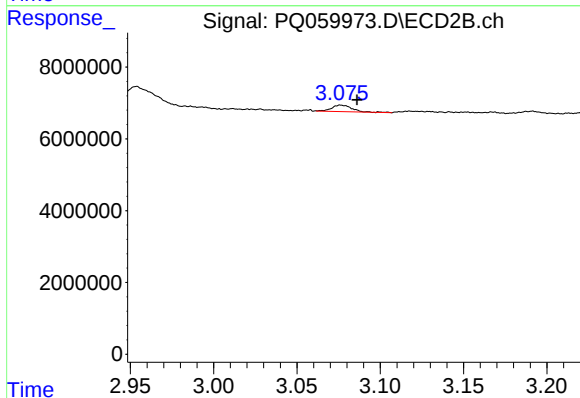
R.T.: 3.011 min
Delta R.T.: 0.002 min
Response: 221005
Conc: 2.41 ng/ml



#9 AR-1221-2

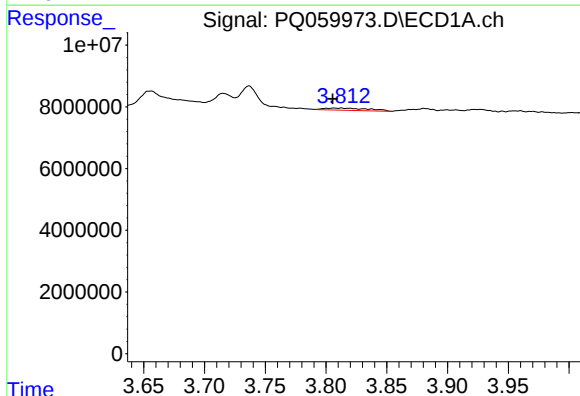
R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 8080556
Conc: 73.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



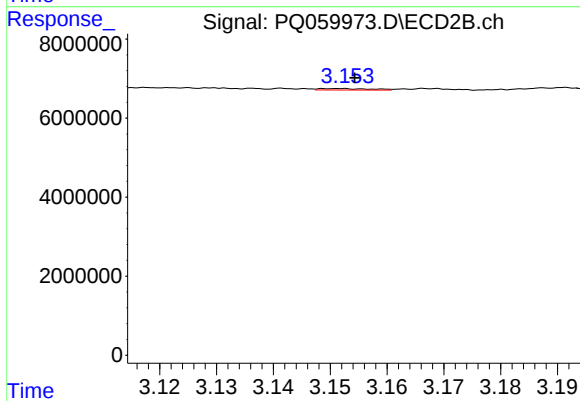
#9 AR-1221-2

R.T.: 3.076 min
Delta R.T.: -0.010 min
Response: 1550467
Conc: 22.72 ng/ml



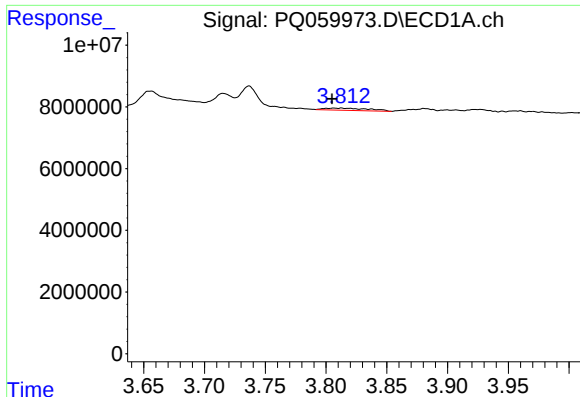
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.007 min
Response: 1831035
Conc: 5.65 ng/ml



#10 AR-1221-3

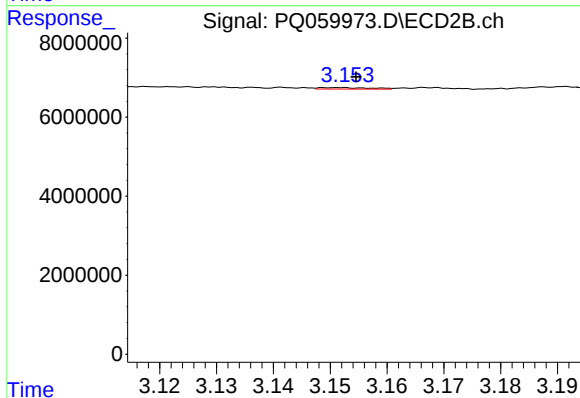
R.T.: 3.151 min
Delta R.T.: -0.003 min
Response: 239452
Conc: 1.13 ng/ml



#11 AR-1232-1

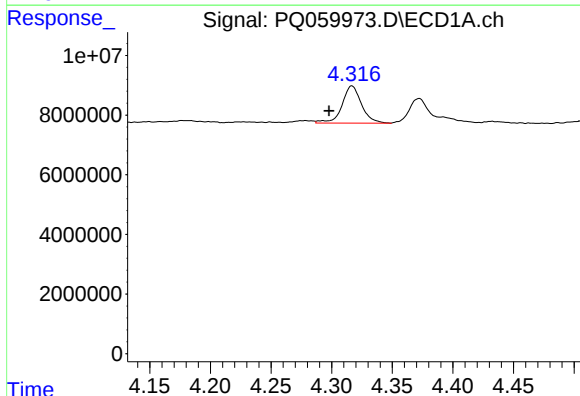
R.T.: 3.813 min
Delta R.T.: 0.008 min
Response: 1831035
Conc: 7.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



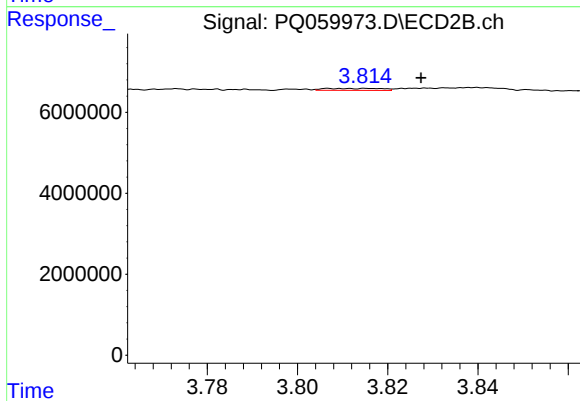
#11 AR-1232-1

R.T.: 3.151 min
Delta R.T.: -0.004 min
Response: 239452
Conc: 1.48 ng/ml



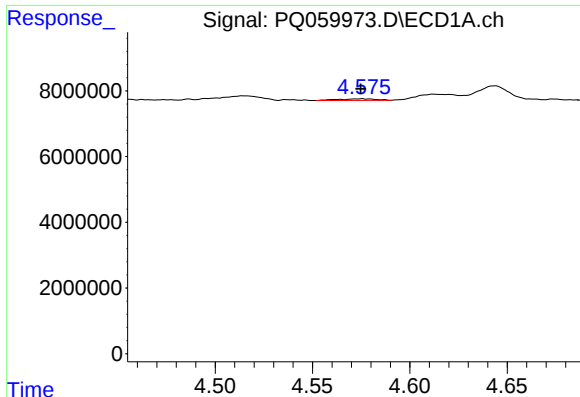
#12 AR-1232-2

R.T.: 4.317 min
Delta R.T.: 0.019 min
Response: 13890555
Conc: 91.49 ng/ml



#12 AR-1232-2

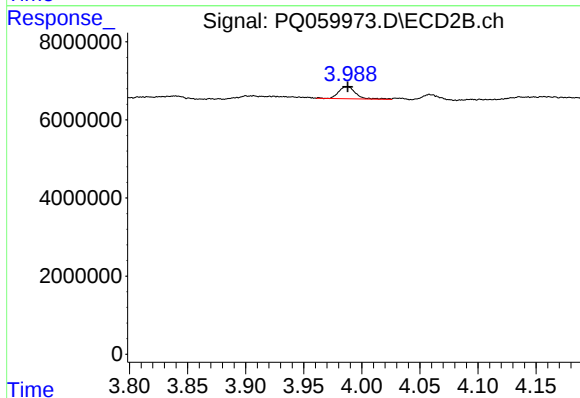
R.T.: 3.816 min
Delta R.T.: -0.011 min
Response: 432532
Conc: 2.51 ng/ml



#13 AR-1232-3

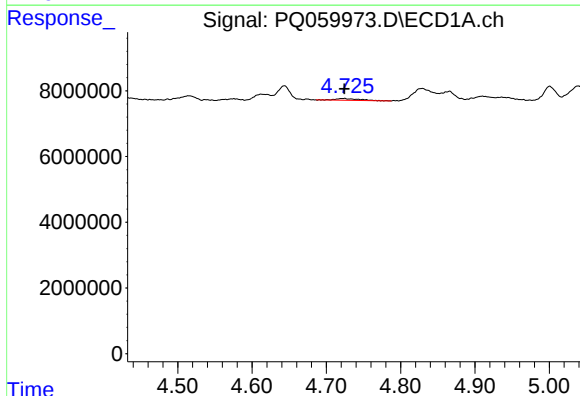
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 662642
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



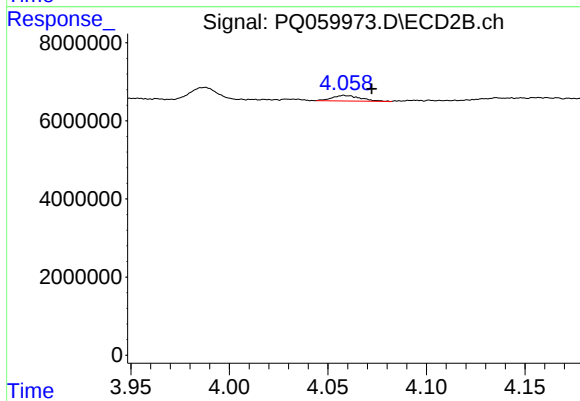
#13 AR-1232-3

R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 3178754
Conc: 35.51 ng/ml



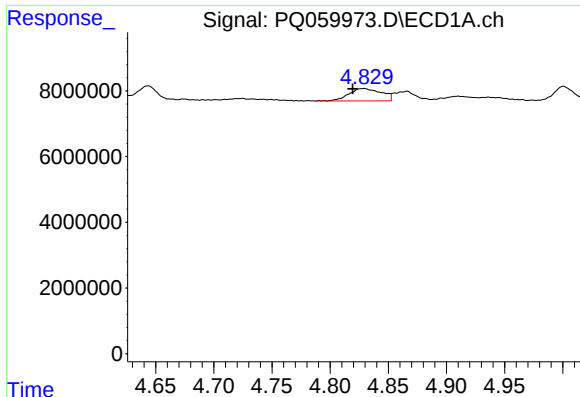
#14 AR-1232-4

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 1220625
Conc: 8.63 ng/ml



#14 AR-1232-4

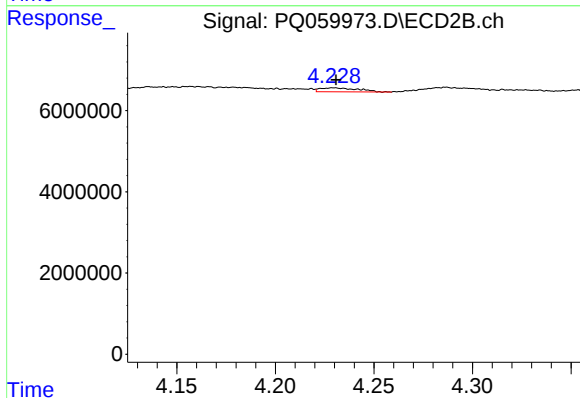
R.T.: 4.059 min
Delta R.T.: -0.014 min
Response: 1430697
Conc: 19.45 ng/ml



#15 AR-1232-5

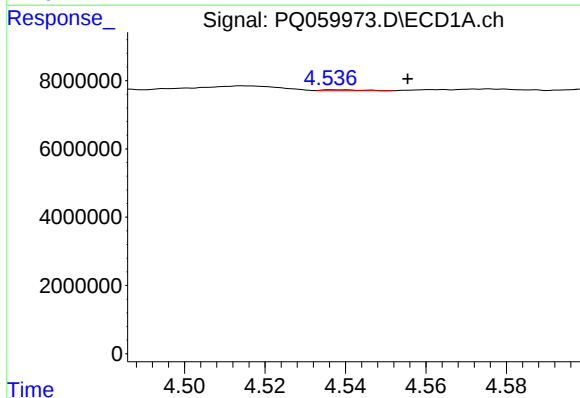
R.T.: 4.829 min
Delta R.T.: 0.010 min
Response: 7292613
Conc: 73.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



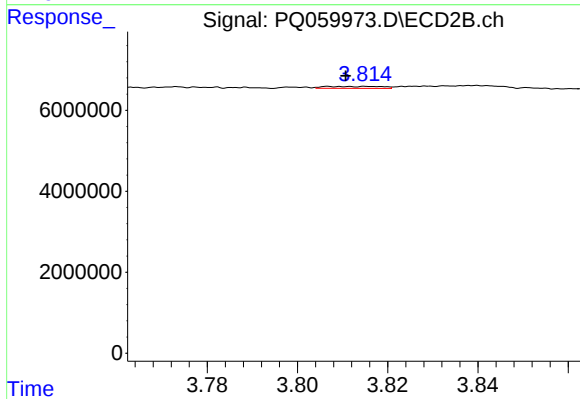
#15 AR-1232-5

R.T.: 4.230 min
Delta R.T.: -0.001 min
Response: 1275231
Conc: 14.45 ng/ml



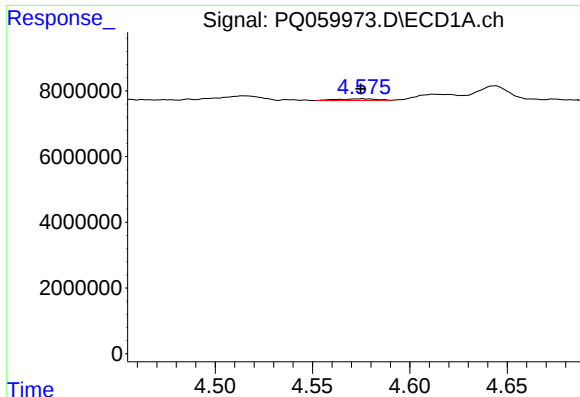
#16 AR-1242-1

R.T.: 4.537 min
Delta R.T.: -0.018 min
Response: 159776
Conc: 0.47 ng/ml



#16 AR-1242-1

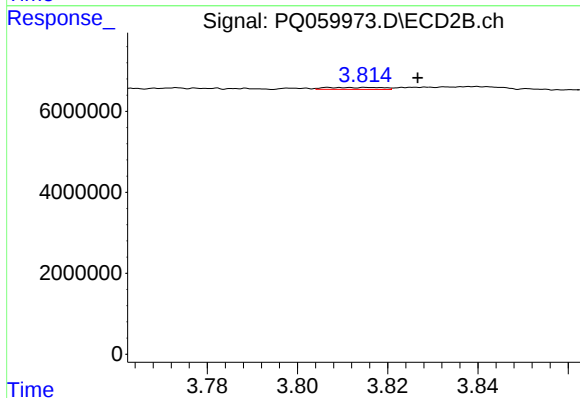
R.T.: 3.816 min
Delta R.T.: 0.005 min
Response: 432532
Conc: 2.10 ng/ml



#17 AR-1242-2

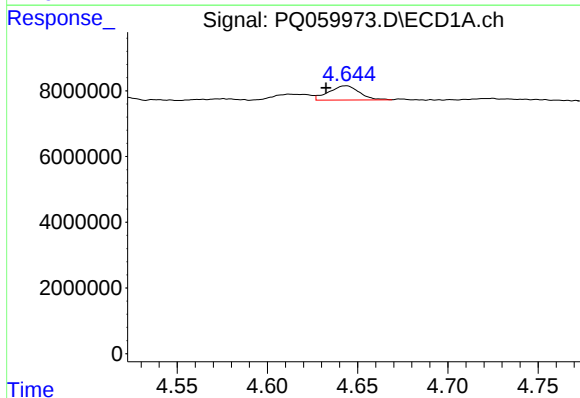
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 662642
Conc: 1.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



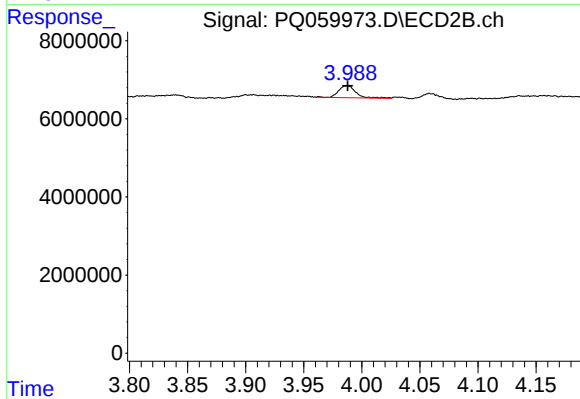
#17 AR-1242-2

R.T.: 3.816 min
Delta R.T.: -0.011 min
Response: 432532
Conc: 1.41 ng/ml



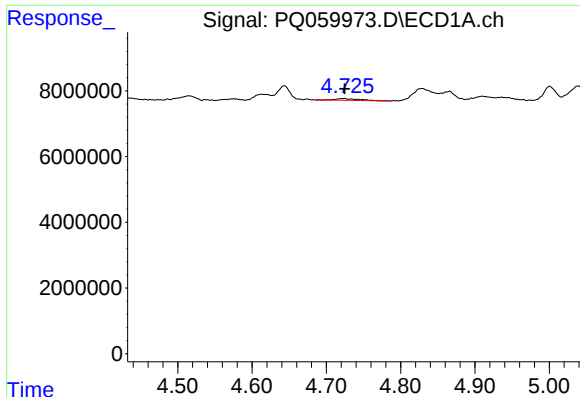
#18 AR-1242-3

R.T.: 4.643 min
Delta R.T.: 0.011 min
Response: 5128370
Conc: 17.08 ng/ml



#18 AR-1242-3

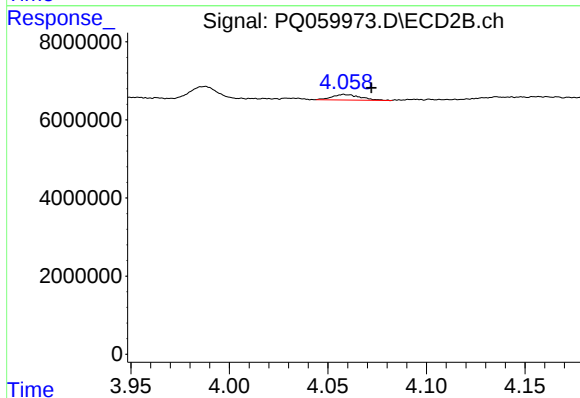
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 3178754
Conc: 19.92 ng/ml



#19 AR-1242-4

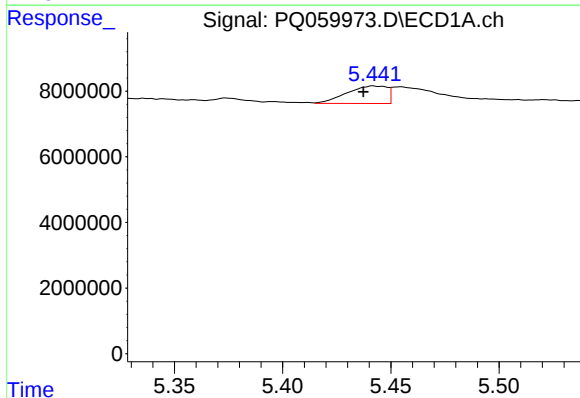
R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 1220625
Conc: 4.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



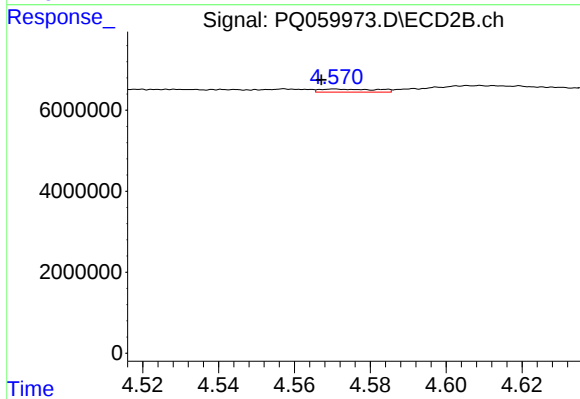
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.014 min
Response: 1430697
Conc: 9.76 ng/ml



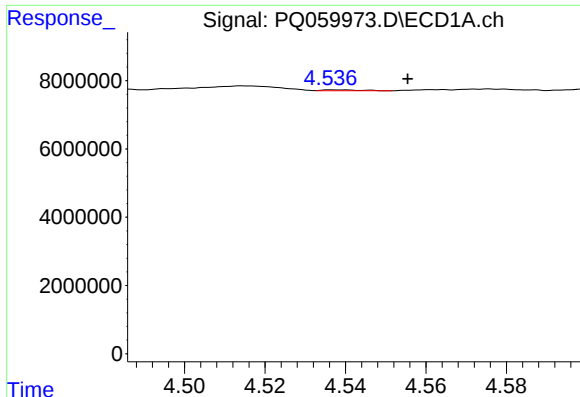
#20 AR-1242-5

R.T.: 5.442 min
Delta R.T.: 0.005 min
Response: 6916716
Conc: 26.00 ng/ml



#20 AR-1242-5

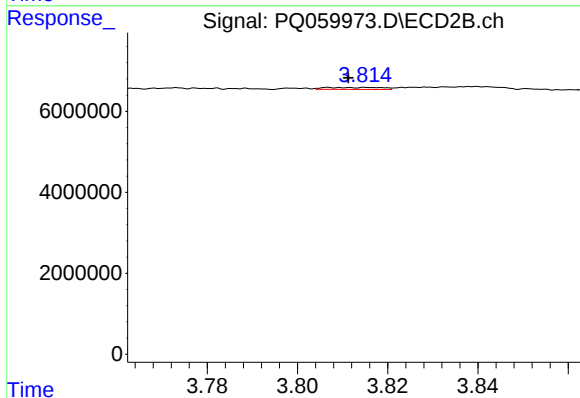
R.T.: 4.571 min
Delta R.T.: 0.004 min
Response: 772567
Conc: 3.77 ng/ml



#21 AR-1248-1

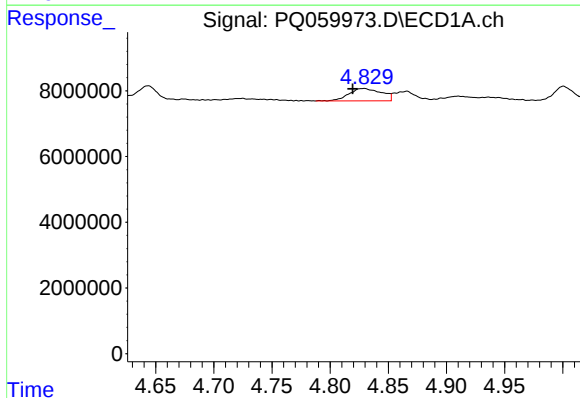
R.T.: 4.537 min
Delta R.T.: -0.018 min
Response: 159776
Conc: 0.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



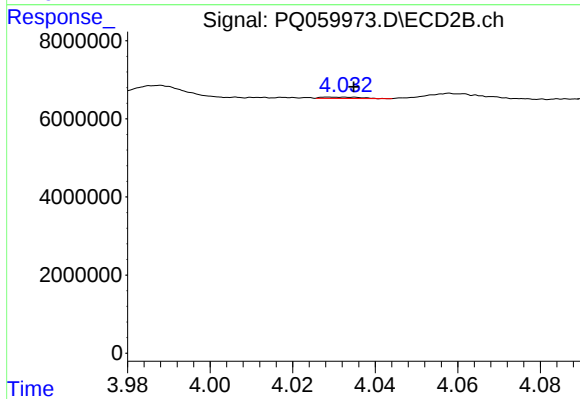
#21 AR-1248-1

R.T.: 3.816 min
Delta R.T.: 0.005 min
Response: 432532
Conc: 2.73 ng/ml



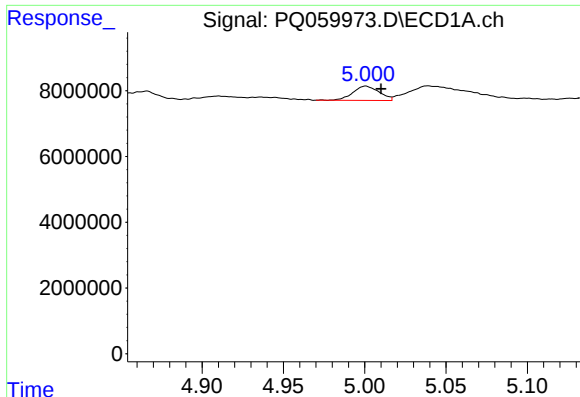
#22 AR-1248-2

R.T.: 4.829 min
Delta R.T.: 0.010 min
Response: 7292613
Conc: 22.31 ng/ml



#22 AR-1248-2

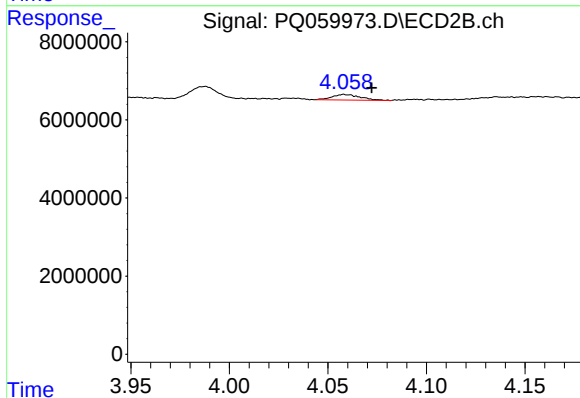
R.T.: 4.030 min
Delta R.T.: -0.005 min
Response: 244325
Conc: 1.13 ng/ml



#23 AR-1248-3

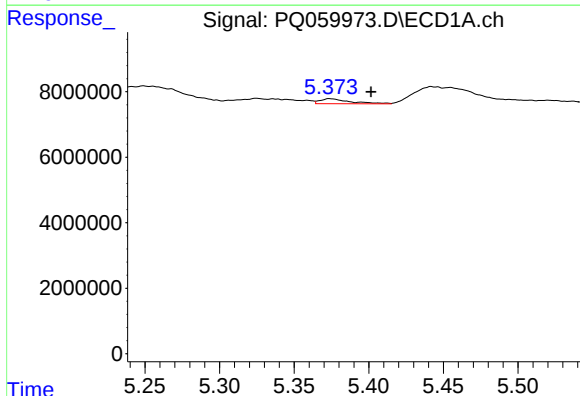
R.T.: 5.001 min
Delta R.T.: -0.009 min
Response: 4928570
Conc: 12.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



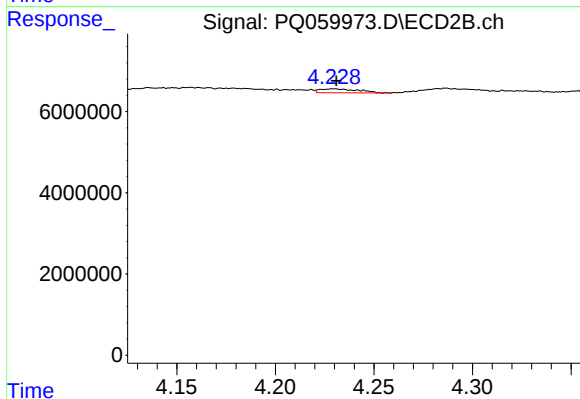
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.014 min
Response: 1430697
Conc: 6.80 ng/ml



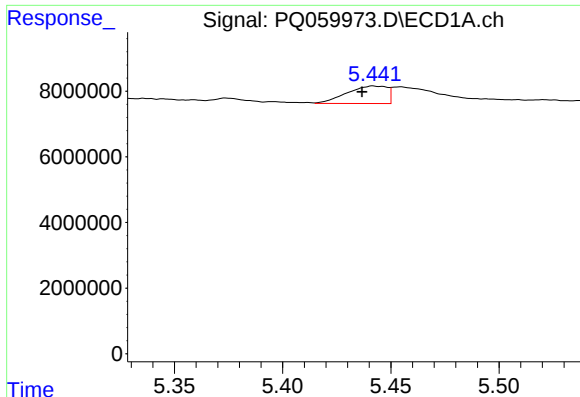
#24 AR-1248-4

R.T.: 5.374 min
Delta R.T.: -0.028 min
Response: 2134854
Conc: 4.82 ng/ml



#24 AR-1248-4

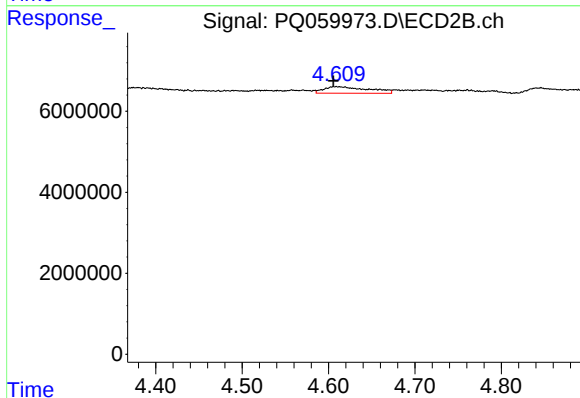
R.T.: 4.230 min
Delta R.T.: -0.001 min
Response: 1275231
Conc: 4.79 ng/ml



#25 AR-1248-5

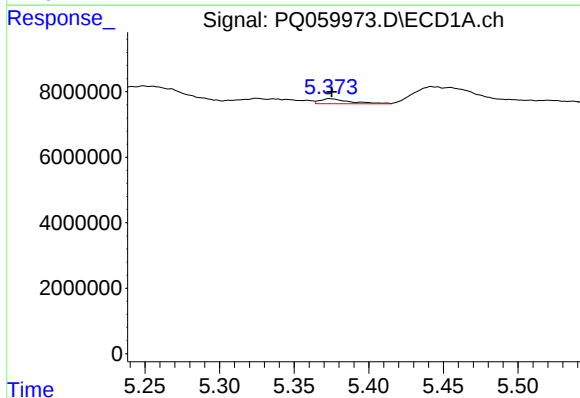
R.T.: 5.442 min
Delta R.T.: 0.005 min
Response: 6916716
Conc: 15.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



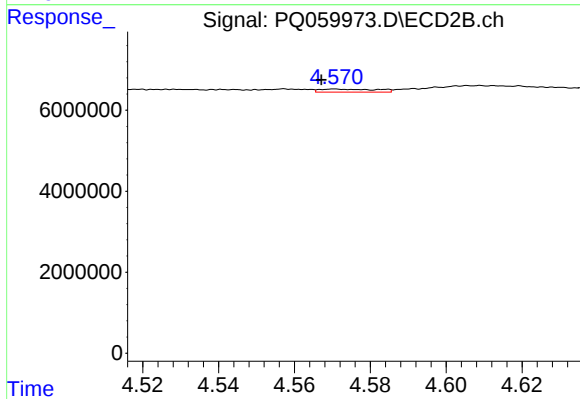
#25 AR-1248-5

R.T.: 4.609 min
Delta R.T.: 0.003 min
Response: 5783540
Conc: 22.05 ng/ml



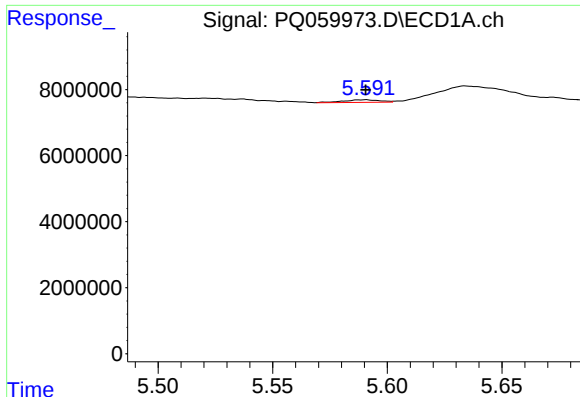
#26 AR-1254-1

R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 2134854
Conc: 4.72 ng/ml



#26 AR-1254-1

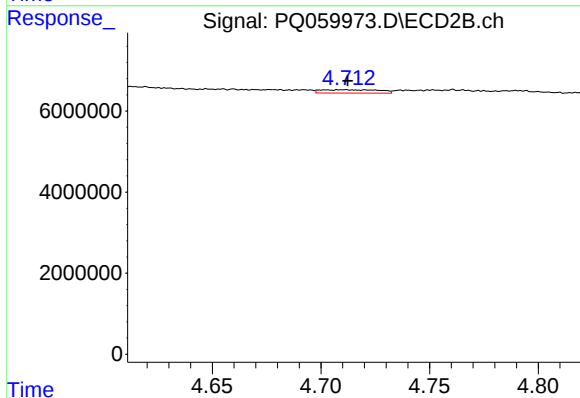
R.T.: 4.571 min
Delta R.T.: 0.004 min
Response: 772567
Conc: 1.90 ng/ml



#27 AR-1254-2

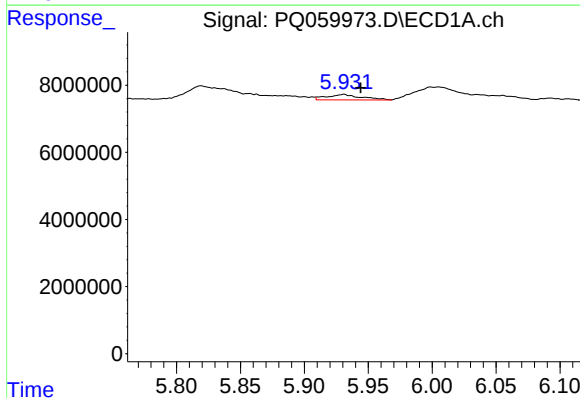
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 855225
Conc: 1.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



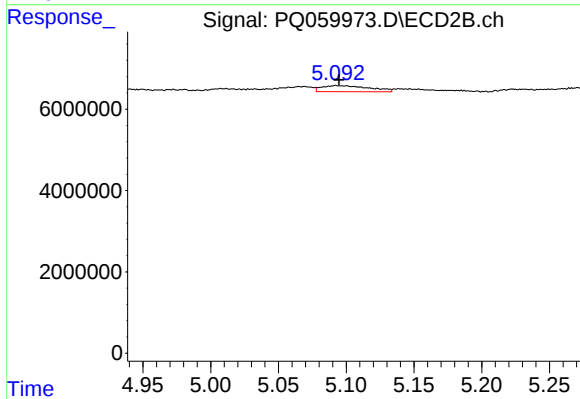
#27 AR-1254-2

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 1523761
Conc: 4.24 ng/ml



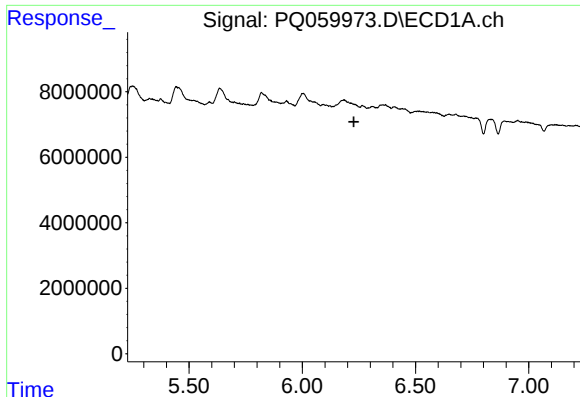
#28 AR-1254-3

R.T.: 5.931 min
Delta R.T.: -0.013 min
Response: 3059948
Conc: 4.20 ng/ml



#28 AR-1254-3

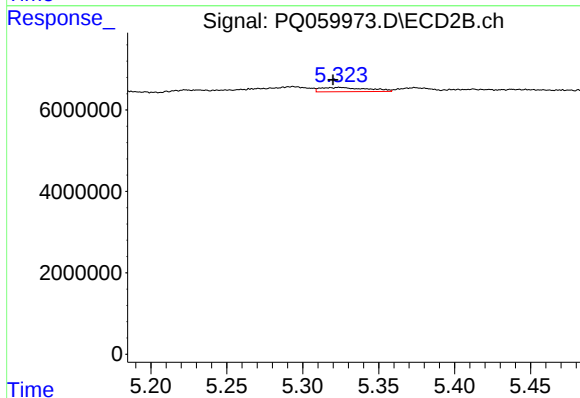
R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 3634292
Conc: 6.33 ng/ml



#29 AR-1254-4

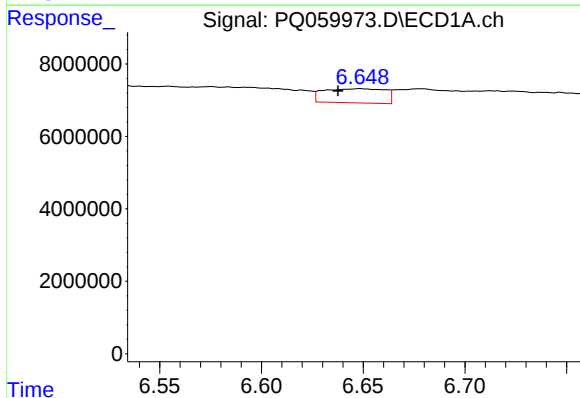
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



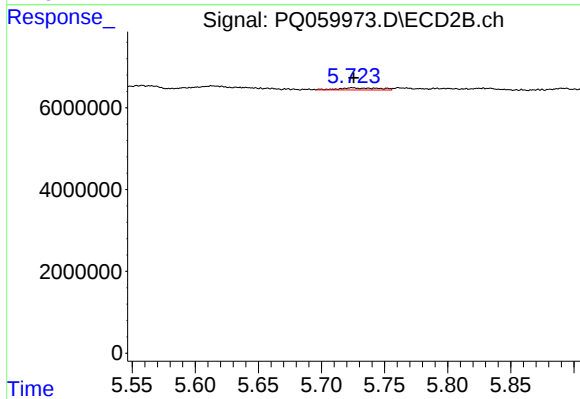
#29 AR-1254-4

R.T.: 5.324 min
Delta R.T.: 0.004 min
Response: 2272785
Conc: 6.23 ng/ml



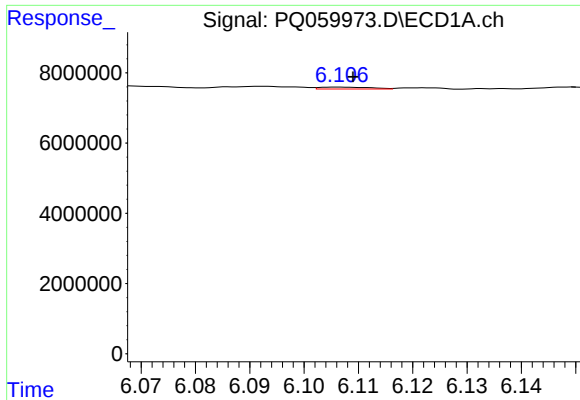
#30 AR-1254-5

R.T.: 6.649 min
Delta R.T.: 0.011 min
Response: 8174642
Conc: 13.76 ng/ml



#30 AR-1254-5

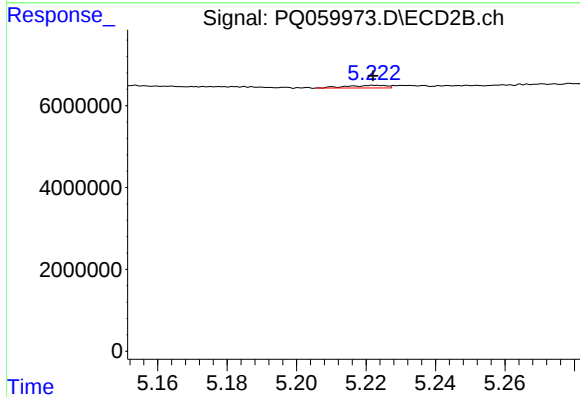
R.T.: 5.725 min
Delta R.T.: -0.001 min
Response: 1182795
Conc: 2.21 ng/ml



#31 AR-1260-1

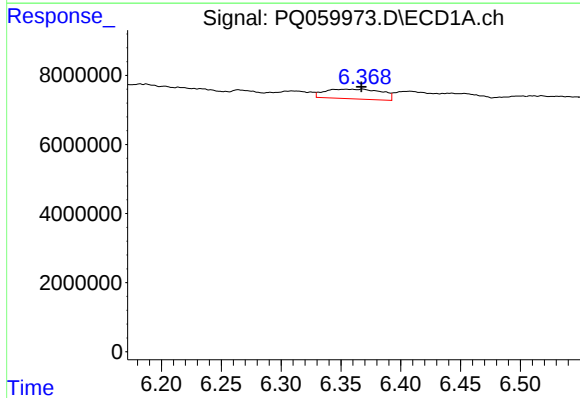
R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 360187
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



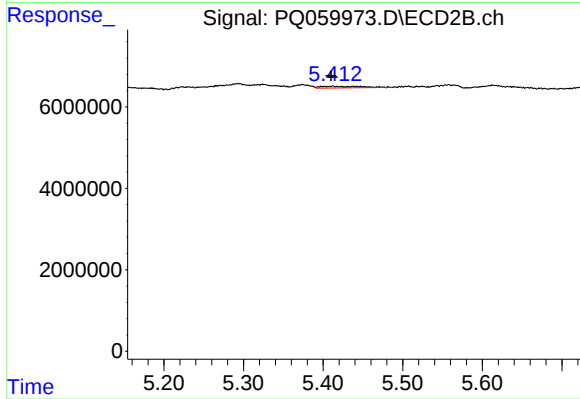
#31 AR-1260-1

R.T.: 5.223 min
Delta R.T.: 0.001 min
Response: 512564
Conc: 1.29 ng/ml



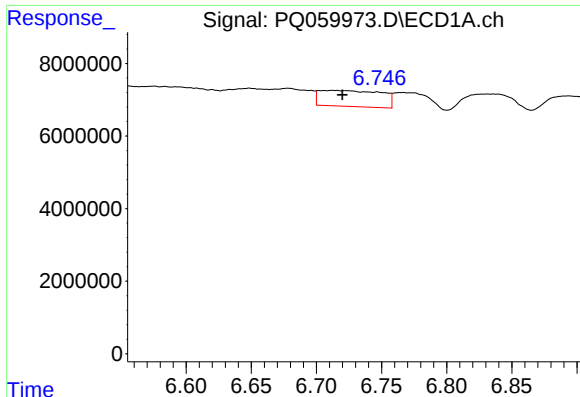
#32 AR-1260-2

R.T.: 6.368 min
Delta R.T.: 0.001 min
Response: 9190755
Conc: 13.73 ng/ml



#32 AR-1260-2

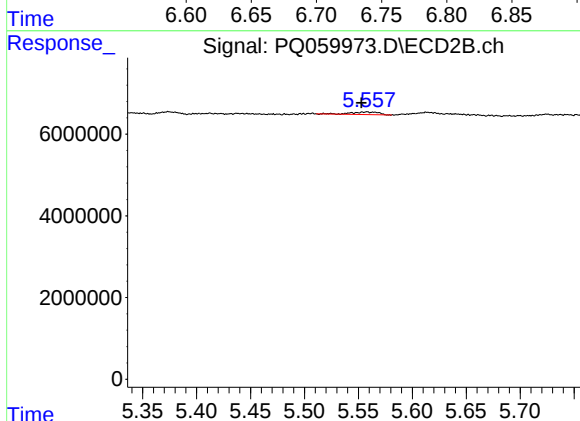
R.T.: 5.412 min
Delta R.T.: 0.002 min
Response: 1459633
Conc: 3.03 ng/ml



#33 AR-1260-3

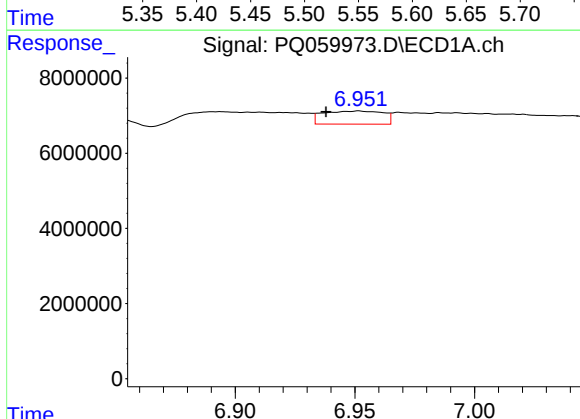
R.T.: 6.713 min
Delta R.T.: -0.007 min
Response: 14549457
Conc: 34.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



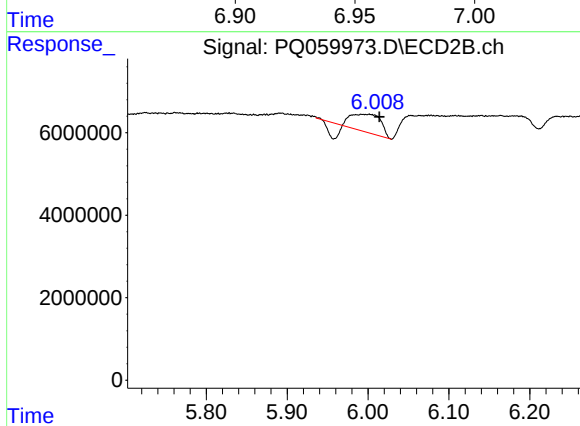
#33 AR-1260-3

R.T.: 5.558 min
Delta R.T.: 0.005 min
Response: 1106364
Conc: 2.39 ng/ml



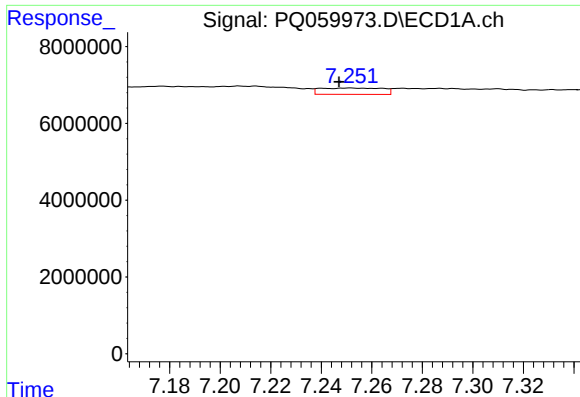
#34 AR-1260-4

R.T.: 6.952 min
Delta R.T.: 0.014 min
Response: 6067379
Conc: 12.12 ng/ml



#34 AR-1260-4

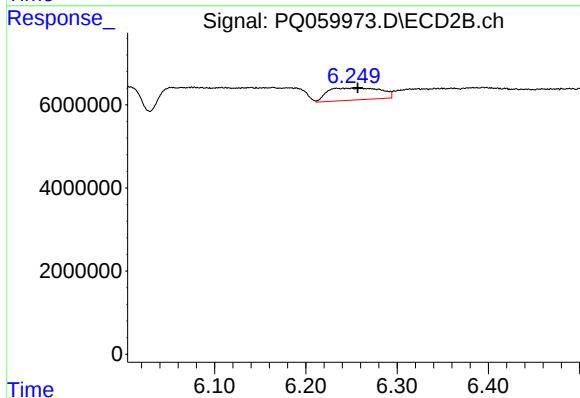
R.T.: 6.002 min
Delta R.T.: -0.012 min
Response: 8489829
Conc: 24.82 ng/ml



#35 AR-1260-5

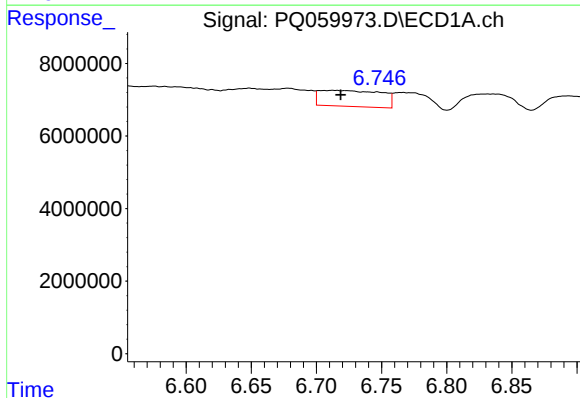
R.T.: 7.251 min
Delta R.T.: 0.004 min
Response: 2834882
Conc: 2.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



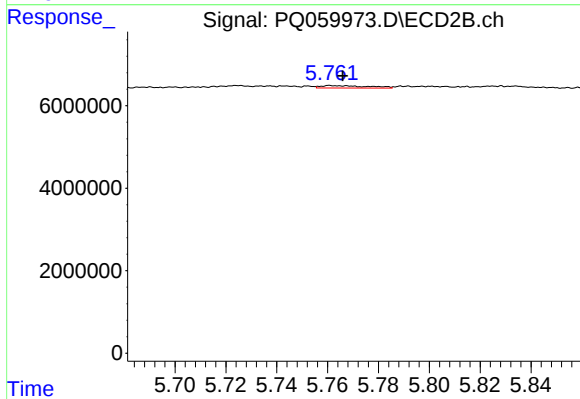
#35 AR-1260-5

R.T.: 6.250 min
Delta R.T.: -0.007 min
Response: 11566330
Conc: 13.92 ng/ml



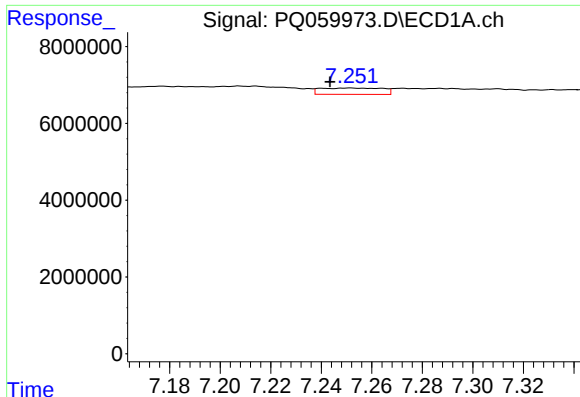
#36 AR-1262-1

R.T.: 6.713 min
Delta R.T.: -0.006 min
Response: 14549457
Conc: 21.92 ng/ml



#36 AR-1262-1

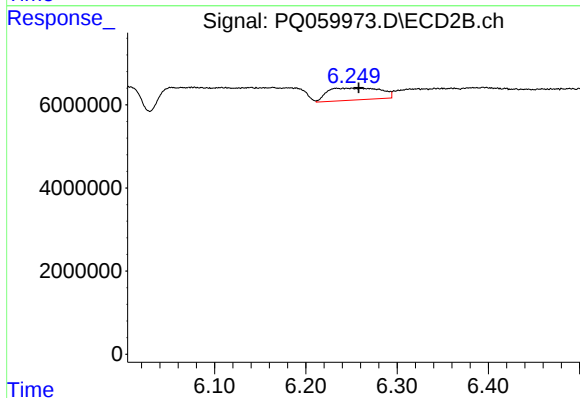
R.T.: 5.761 min
Delta R.T.: -0.005 min
Response: 752672
Conc: 1.47 ng/ml



#37 AR-1262-2

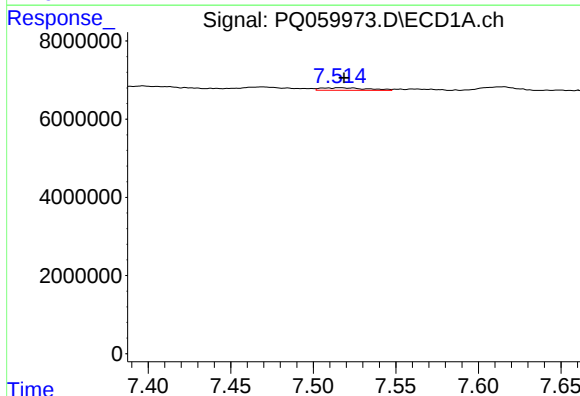
R.T.: 7.251 min
Delta R.T.: 0.008 min
Response: 2834882
Conc: 2.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



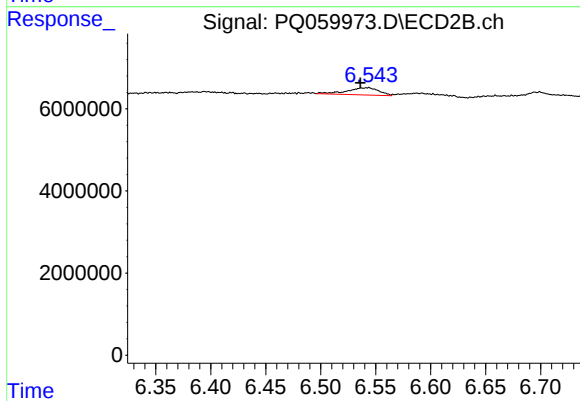
#37 AR-1262-2

R.T.: 6.250 min
Delta R.T.: -0.008 min
Response: 11566330
Conc: 12.20 ng/ml



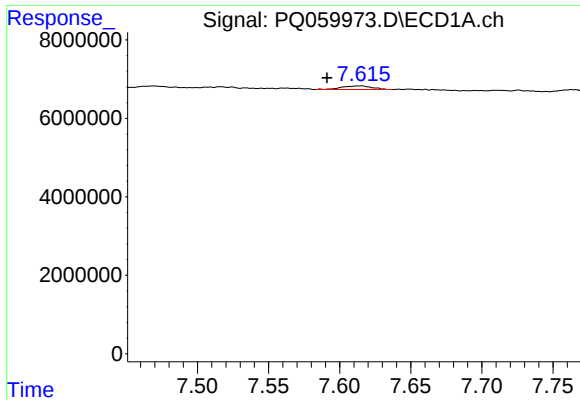
#38 AR-1262-3

R.T.: 7.516 min
Delta R.T.: -0.002 min
Response: 1236471
Conc: 1.72 ng/ml



#38 AR-1262-3

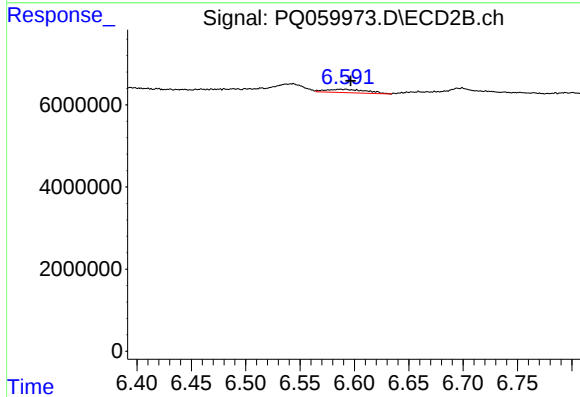
R.T.: 6.543 min
Delta R.T.: 0.007 min
Response: 3536636
Conc: 9.56 ng/ml



#39 AR-1262-4

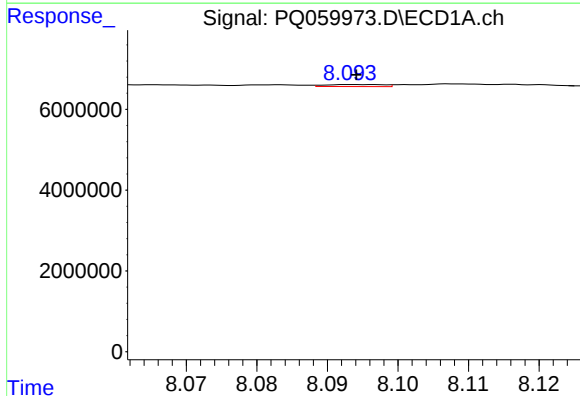
R.T.: 7.615 min
Delta R.T.: 0.024 min
Response: 1360709
Conc: 2.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



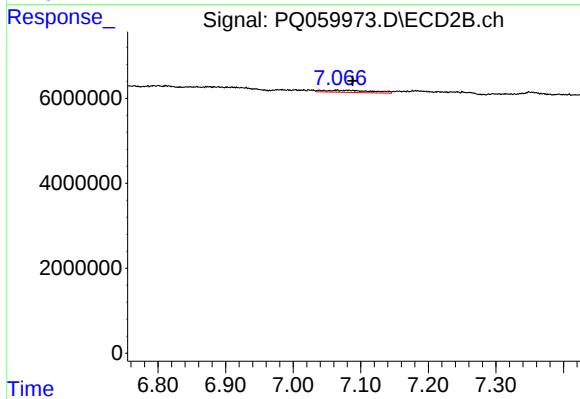
#39 AR-1262-4

R.T.: 6.592 min
Delta R.T.: -0.005 min
Response: 2129832
Conc: 3.01 ng/ml



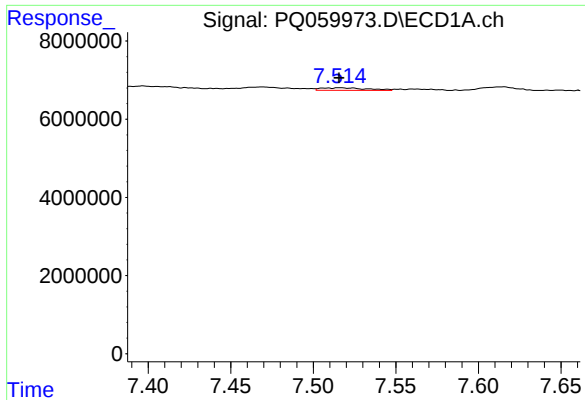
#40 AR-1262-5

R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 294536
Conc: 0.85 ng/ml



#40 AR-1262-5

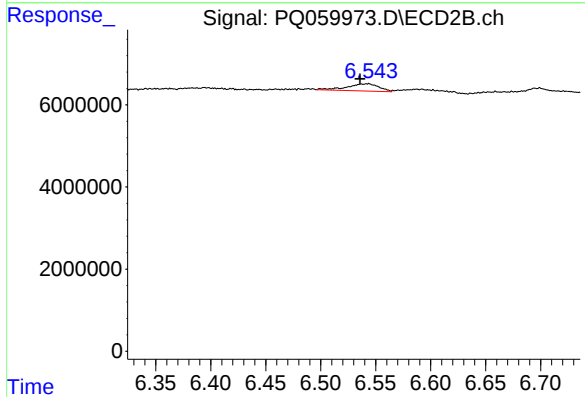
R.T.: 7.065 min
Delta R.T.: -0.023 min
Response: 2547532
Conc: 7.65 ng/ml



#41 AR-1268-1

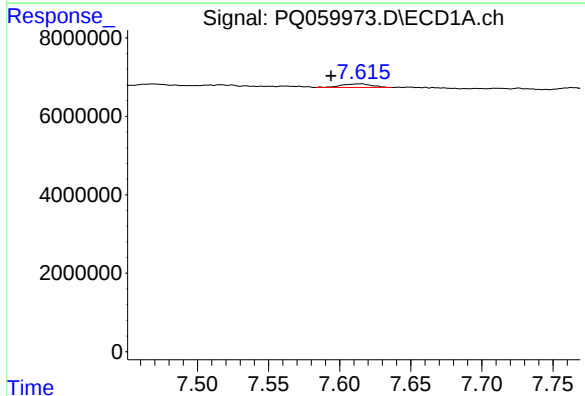
R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 1236471
Conc: 0.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



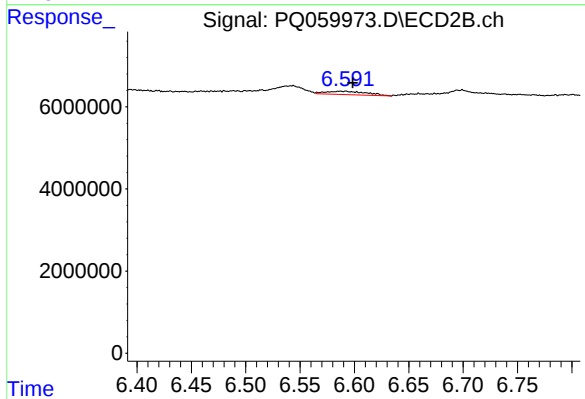
#41 AR-1268-1

R.T.: 6.543 min
Delta R.T.: 0.007 min
Response: 3536636
Conc: 3.20 ng/ml



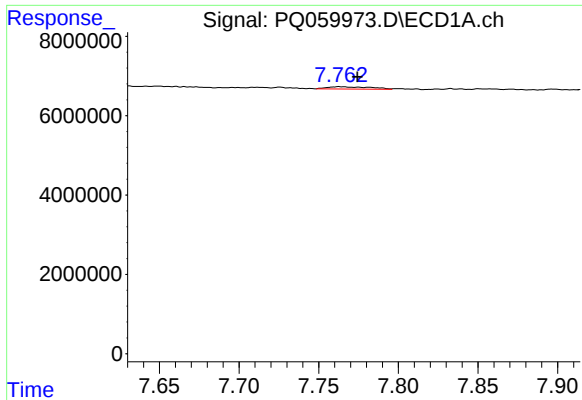
#42 AR-1268-2

R.T.: 7.615 min
Delta R.T.: 0.021 min
Response: 1360709
Conc: 1.18 ng/ml



#42 AR-1268-2

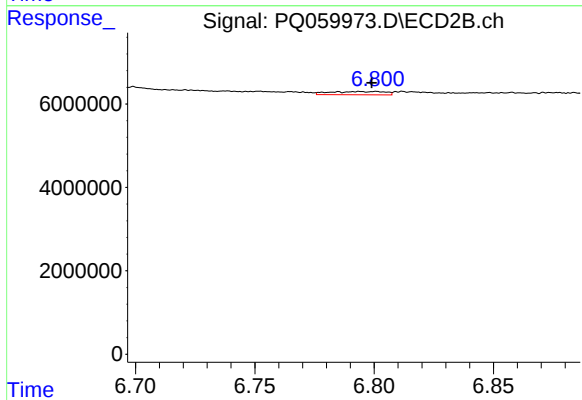
R.T.: 6.592 min
Delta R.T.: -0.006 min
Response: 2129832
Conc: 2.08 ng/ml



#43 AR-1268-3

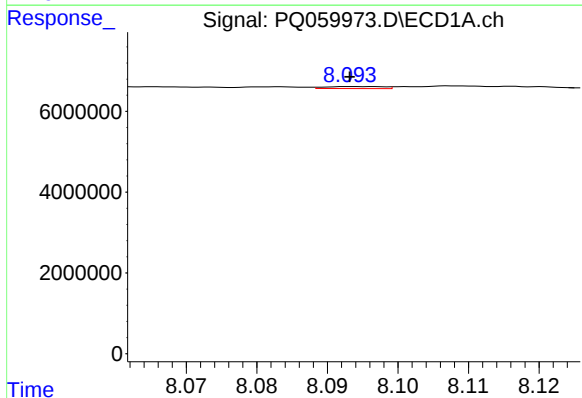
R.T.: 7.763 min
Delta R.T.: -0.011 min
Response: 1103320
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



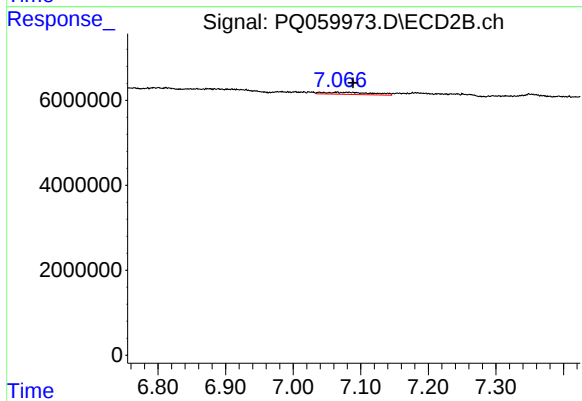
#43 AR-1268-3

R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 1280510
Conc: 1.47 ng/ml



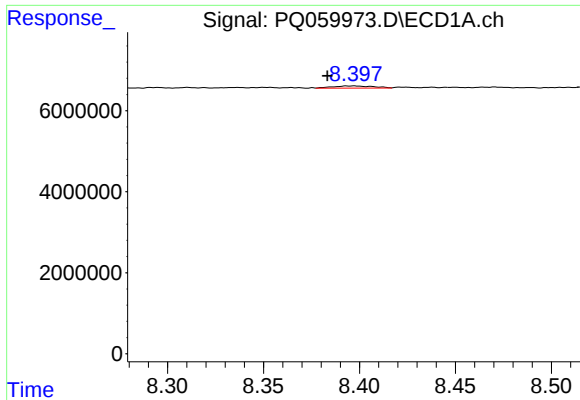
#44 AR-1268-4

R.T.: 8.095 min
Delta R.T.: 0.001 min
Response: 294536
Conc: 0.76 ng/ml



#44 AR-1268-4

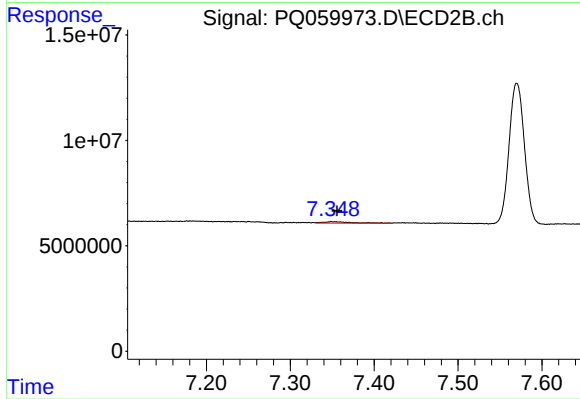
R.T.: 7.065 min
Delta R.T.: -0.023 min
Response: 2547532
Conc: 6.76 ng/ml



#45 AR-1268-5

R.T.: 8.397 min
Delta R.T.: 0.014 min
Response: 805796
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.351 min
Delta R.T.: -0.005 min
Response: 1768646
Conc: 0.63 ng/ml