

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072423\
 Data File : PQ062610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 02:35
 Operator : YP\AJ
 Sample : 03710-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 06:14:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.401	2.754	90285800	54310113	18.508	21.645
2)	SA Decachlor...	8.581	7.522	78251230	68491572	21.540	20.555
Target Compounds							
3)	L1 AR-1016-1	4.464f	3.764	5627462	531839	34.164	5.373 #
4)	L1 AR-1016-2	4.563f	3.770	1836839	340742	7.429	2.363 #
5)	L1 AR-1016-3	4.598	3.934	2227328	1549780	14.614	20.542 #
6)	L1 AR-1016-4	4.688	3.984	2395917	516554	19.115	7.865 #
7)	L1 AR-1016-5	4.992f	4.176	6593645	375150	54.172	4.576 #
8)	L2 AR-1221-1	3.587	2.944	13443217	3702368	223.652	112.205 #
9)	L2 AR-1221-2	3.675	3.036	12108321	1446208	269.477	56.937 #
10)	L2 AR-1221-3	3.719f	3.111	34017431	71628100	242.086	929.138 #
11)	L3 AR-1232-1	3.719f	3.111	34017431	71628100	322.131	1250.084 #
12)	L3 AR-1232-2	4.253	3.770	5780356	340742	97.722	5.120 #
13)	L3 AR-1232-3	4.563f	3.934	1836839	1549780	16.244	44.850 #
14)	L3 AR-1232-4	4.688	4.000	2395917	1638784	42.281	55.104 #
15)	L3 AR-1232-5	4.743f	4.176	512332	375150	12.792	10.520
16)	L4 AR-1242-1	4.464f	3.764	5627462	531839	43.055	6.877 #
17)	L4 AR-1242-2	4.563f	3.770	1836839	340742	9.461	3.065 #
18)	L4 AR-1242-3	4.598	3.934	2227328	1549780	18.431	26.458 #
19)	L4 AR-1242-4	4.688	4.000	2395917	1638784	24.577	27.952
20)	L4 AR-1242-5	5.399	4.511	5832295	2251398	60.924	27.160 #
21)	L5 AR-1248-1	4.464f	3.764	5627462	531839	54.121	8.507 #
22)	L5 AR-1248-2	4.743f	3.984	512332	516554	3.566	5.509 #
23)	L5 AR-1248-3	4.992f	4.000	6593645	1638784	37.957	18.099 #
24)	L5 AR-1248-4	5.321f	4.176	17269776	375150	89.979	3.325 #
25)	L5 AR-1248-5	5.399	4.541	5832295	3252829	32.201	29.035
26)	L6 AR-1254-1	5.321	4.511	17269776	2251398	92.938	13.944 #
27)	L6 AR-1254-2	5.555	4.662	8103397	2686646	27.874	18.249 #
28)	L6 AR-1254-3	5.877	5.040	5020242	1173349	16.345	5.021 #
29)	L6 AR-1254-4	6.178	5.264	778146	2317070	3.351	15.202 #
30)	L6 AR-1254-5	6.594	5.666	4396383	4597994	17.115	19.922
31)	L7 AR-1260-1	6.054	5.162	400920	1630255	1.699	9.788 #
32)	L7 AR-1260-2	6.319	5.358	3116507	2431302	10.791	11.692
33)	L7 AR-1260-3	6.680	5.497	1555638	2123597	8.810	10.915
34)	L7 AR-1260-4	6.870	5.960	160623	294455	0.763	2.019 #
35)	L7 AR-1260-5	7.201	6.203	615450	666432	1.499	2.007 #
36)	L8 AR-1262-1	6.680	5.721	1555638	218335	5.101	0.939 #
37)	L8 AR-1262-2	7.201	5.960	615450	294455	1.168	1.362
38)	L8 AR-1262-3	7.484	6.477	588387	302034	1.670	1.733
39)	L8 AR-1262-4	7.565	6.554	353270	281903	1.324	0.875 #
40)	L8 AR-1262-5	8.057	7.039	594319	128348	3.348	0.827 #
41)	L9 AR-1268-1	7.484	6.477	588387	302034	1.037	0.642 #

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 Acq On : 25 Jul 2023 02:35
 Operator : YP\AJ
 Sample : 03710-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

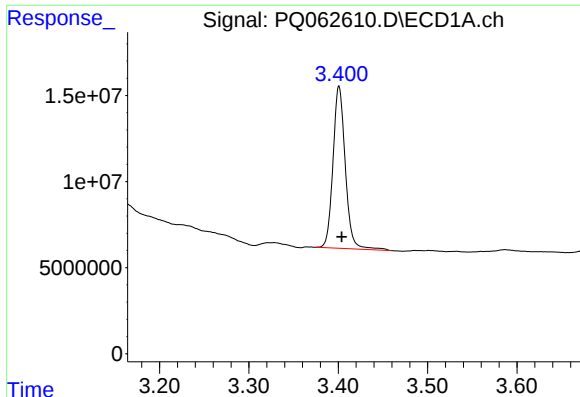
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 06:14:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.565	6.554	353270	281903	0.693	0.665
43) L9	AR-1268-3	7.734	6.750	481192	525685	1.128	1.427 #
44) L9	AR-1268-4	8.057	7.049	594319	75214	3.248	0.470 #
45) L9	AR-1268-5	8.344	7.313	883541	1222121	0.701	1.047 #

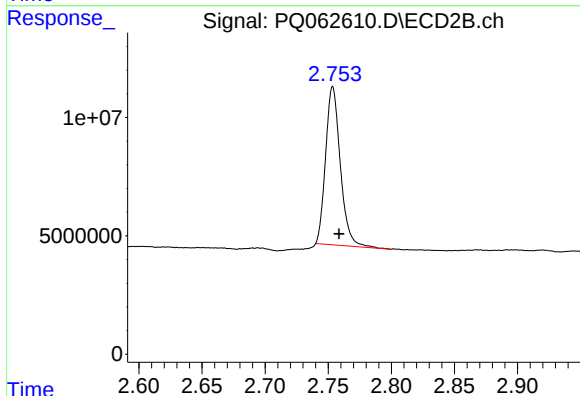
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

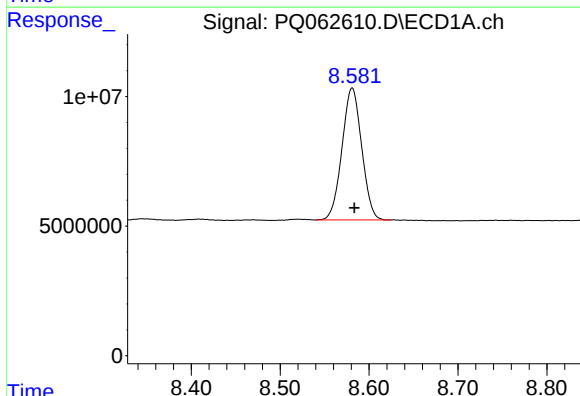
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 90285800
Conc: 18.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



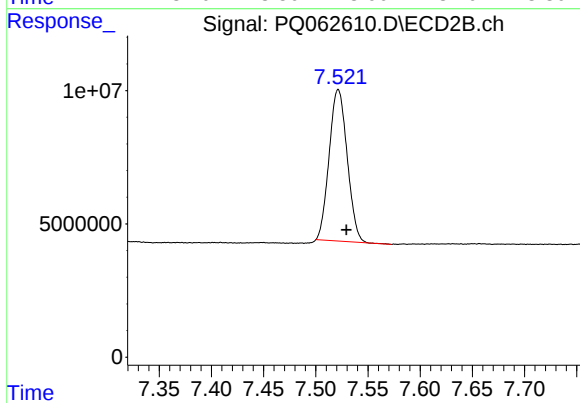
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: -0.005 min
Response: 54310113
Conc: 21.65 ng/ml



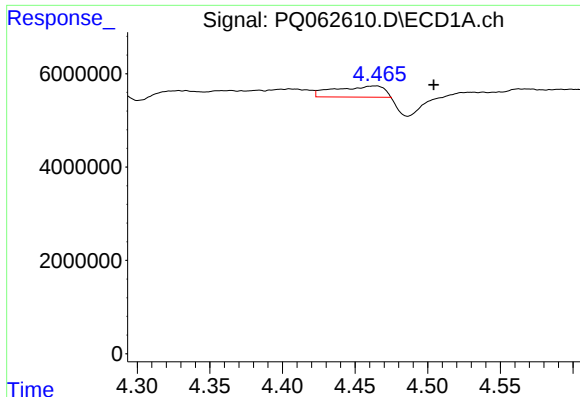
#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.003 min
Response: 78251230
Conc: 21.54 ng/ml



#2 Decachlorobiphenyl

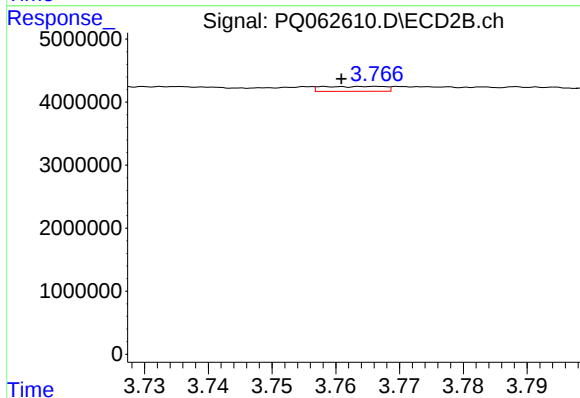
R.T.: 7.522 min
Delta R.T.: -0.008 min
Response: 68491572
Conc: 20.55 ng/ml



#3 AR-1016-1

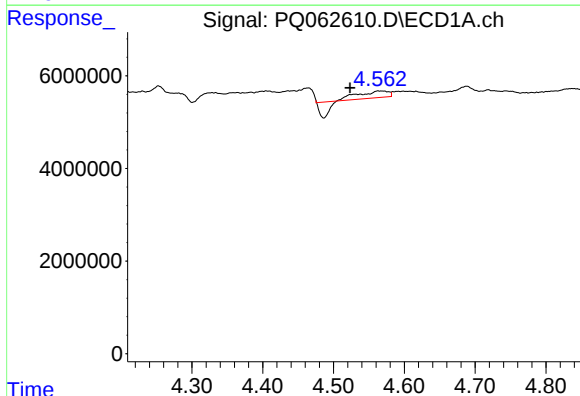
R.T.: 4.464 min
Delta R.T.: -0.040 min
Response: 5627462
Conc: 34.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



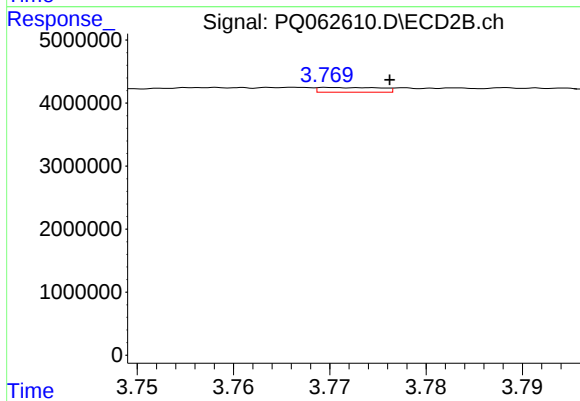
#3 AR-1016-1

R.T.: 3.764 min
Delta R.T.: 0.003 min
Response: 531839
Conc: 5.37 ng/ml



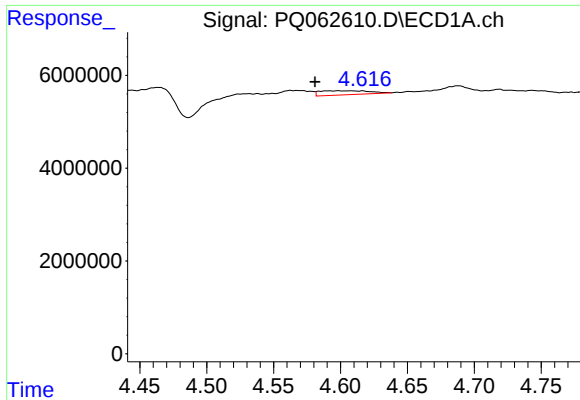
#4 AR-1016-2

R.T.: 4.563 min
Delta R.T.: 0.039 min
Response: 1836839
Conc: 7.43 ng/ml



#4 AR-1016-2

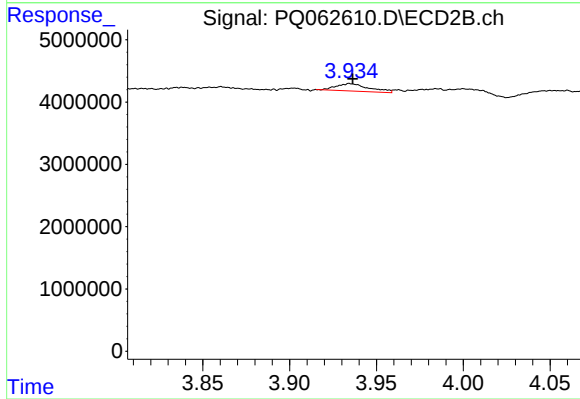
R.T.: 3.770 min
Delta R.T.: -0.006 min
Response: 340742
Conc: 2.36 ng/ml



#5 AR-1016-3

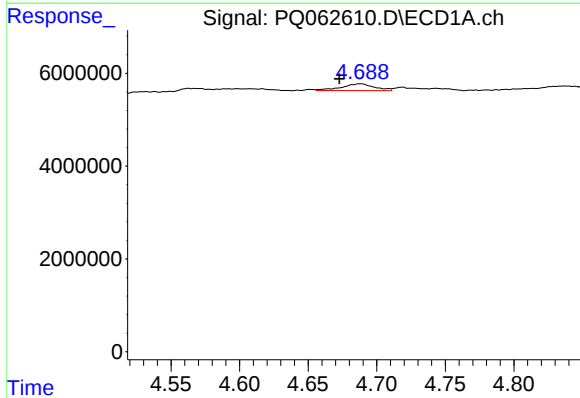
R.T.: 4.598 min
Delta R.T.: 0.017 min
Response: 2227328
Conc: 14.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



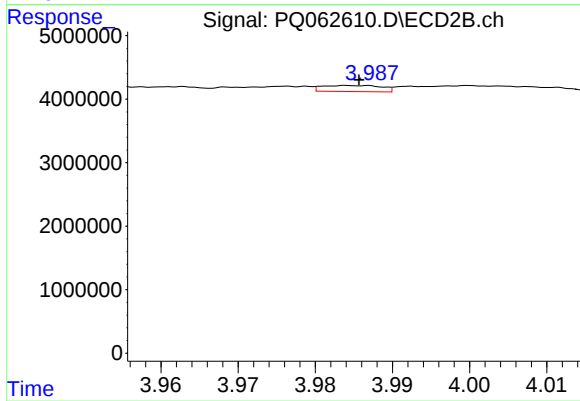
#5 AR-1016-3

R.T.: 3.934 min
Delta R.T.: -0.002 min
Response: 1549780
Conc: 20.54 ng/ml



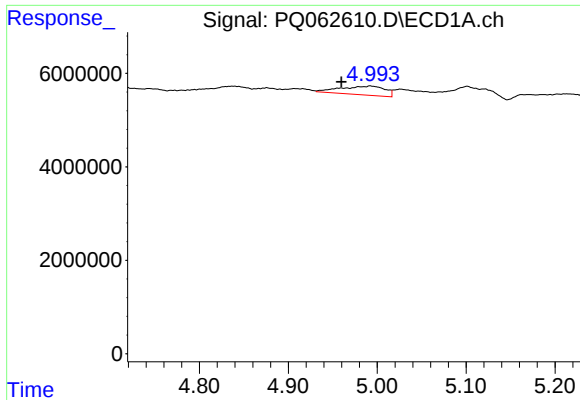
#6 AR-1016-4

R.T.: 4.688 min
Delta R.T.: 0.015 min
Response: 2395917
Conc: 19.11 ng/ml



#6 AR-1016-4

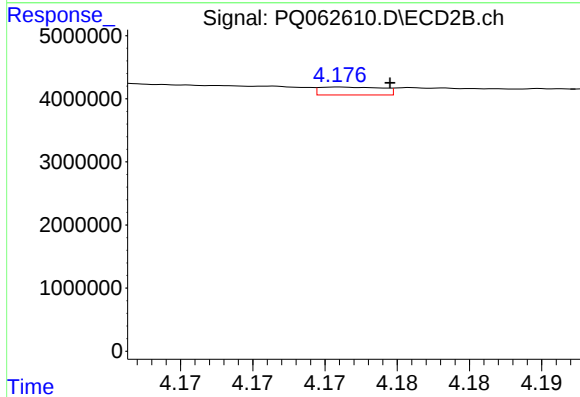
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 516554
Conc: 7.86 ng/ml



#7 AR-1016-5

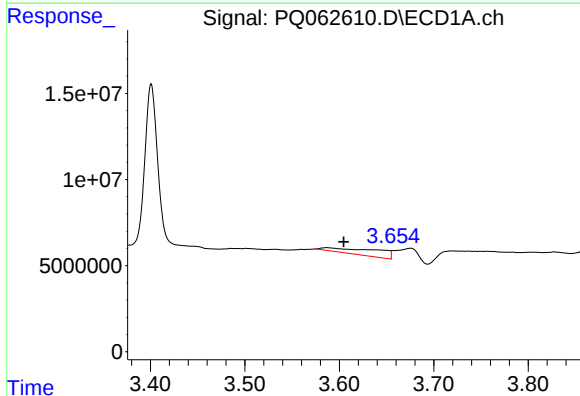
R.T.: 4.992 min
Delta R.T.: 0.032 min
Response: 6593645
Conc: 54.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



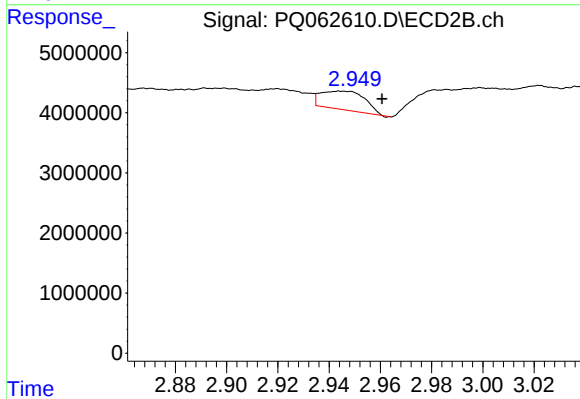
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 375150
Conc: 4.58 ng/ml



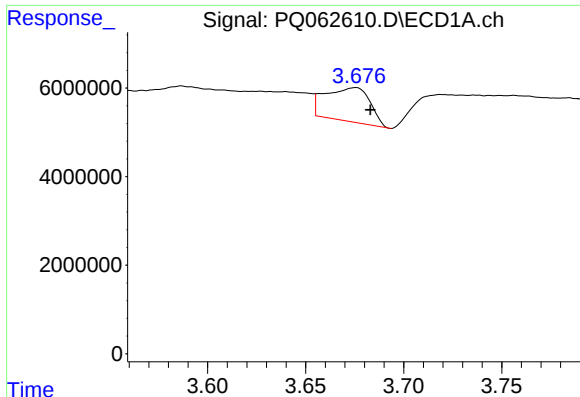
#8 AR-1221-1

R.T.: 3.587 min
Delta R.T.: -0.018 min
Response: 13443217
Conc: 223.65 ng/ml



#8 AR-1221-1

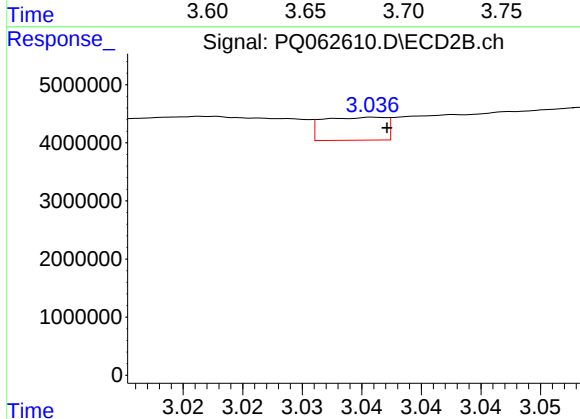
R.T.: 2.944 min
Delta R.T.: -0.017 min
Response: 3702368
Conc: 112.20 ng/ml



#9 AR-1221-2

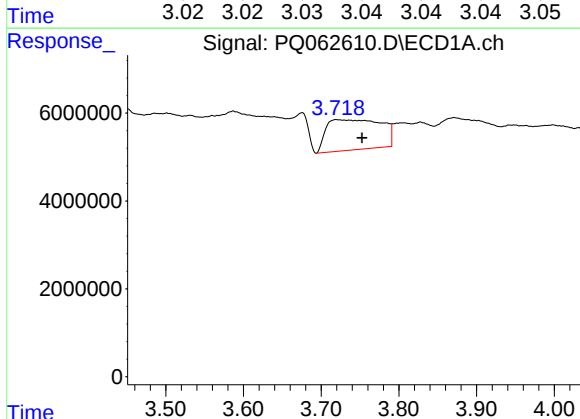
R.T.: 3.675 min
Delta R.T.: -0.008 min
Response: 12108321
Conc: 269.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



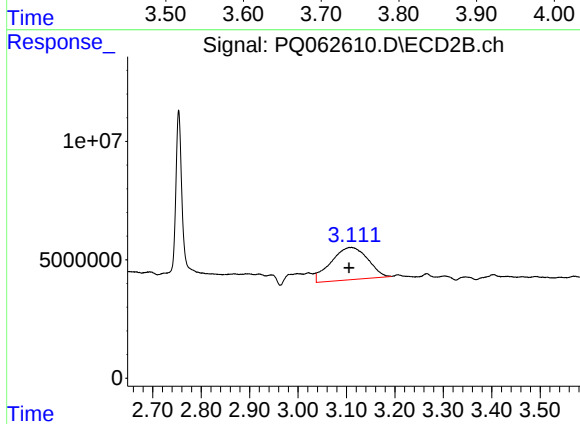
#9 AR-1221-2

R.T.: 3.036 min
Delta R.T.: 0.000 min
Response: 1446208
Conc: 56.94 ng/ml



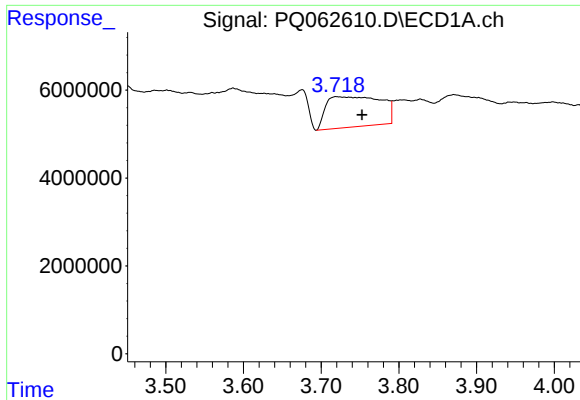
#10 AR-1221-3

R.T.: 3.719 min
Delta R.T.: -0.033 min
Response: 34017431
Conc: 242.09 ng/ml



#10 AR-1221-3

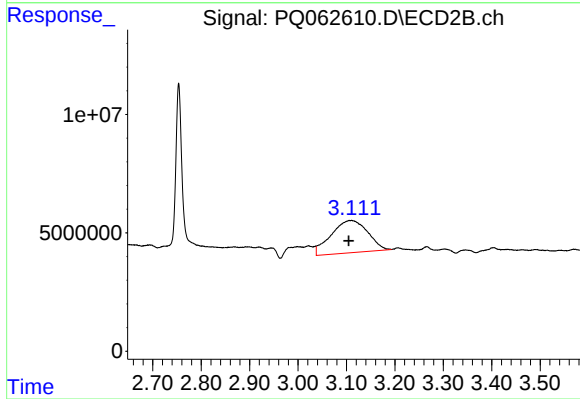
R.T.: 3.111 min
Delta R.T.: 0.006 min
Response: 71628100
Conc: 929.14 ng/ml



#11 AR-1232-1

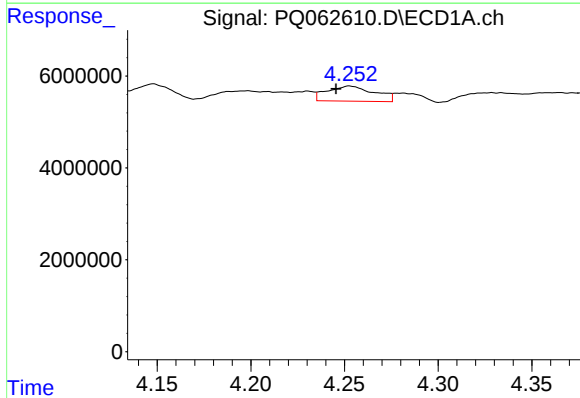
R.T.: 3.719 min
Delta R.T.: -0.033 min
Response: 34017431
Conc: 322.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



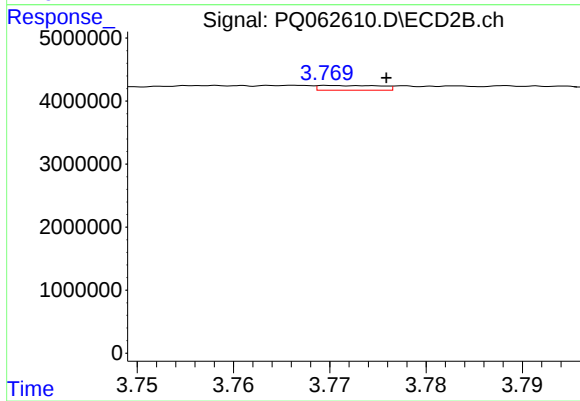
#11 AR-1232-1

R.T.: 3.111 min
Delta R.T.: 0.006 min
Response: 71628100
Conc: 1250.08 ng/ml



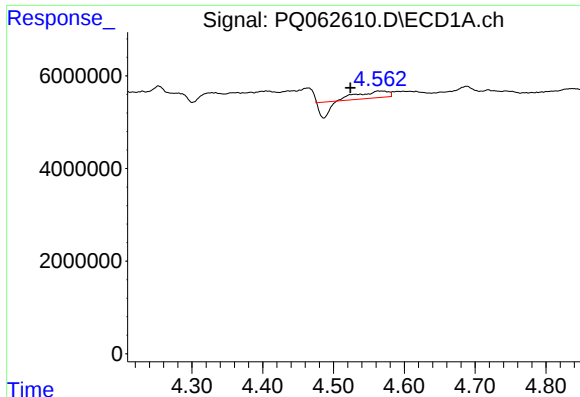
#12 AR-1232-2

R.T.: 4.253 min
Delta R.T.: 0.007 min
Response: 5780356
Conc: 97.72 ng/ml



#12 AR-1232-2

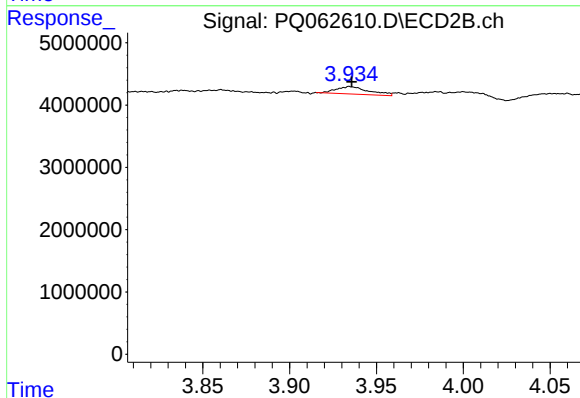
R.T.: 3.770 min
Delta R.T.: -0.006 min
Response: 340742
Conc: 5.12 ng/ml



#13 AR-1232-3

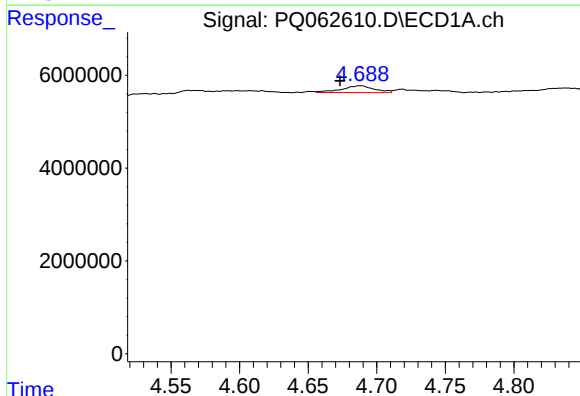
R.T.: 4.563 min
Delta R.T.: 0.039 min
Response: 1836839
Conc: 16.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



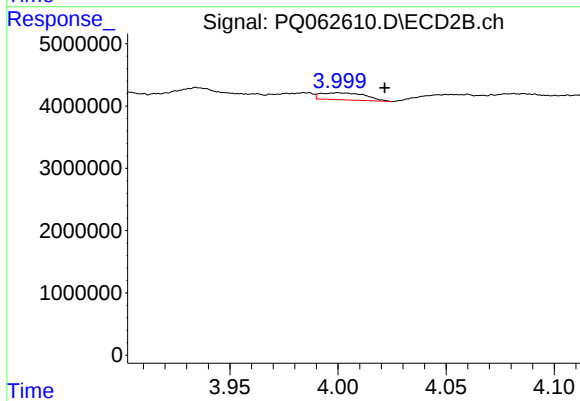
#13 AR-1232-3

R.T.: 3.934 min
Delta R.T.: -0.001 min
Response: 1549780
Conc: 44.85 ng/ml



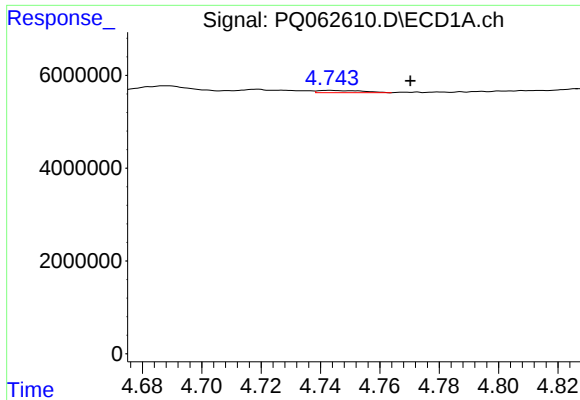
#14 AR-1232-4

R.T.: 4.688 min
Delta R.T.: 0.015 min
Response: 2395917
Conc: 42.28 ng/ml



#14 AR-1232-4

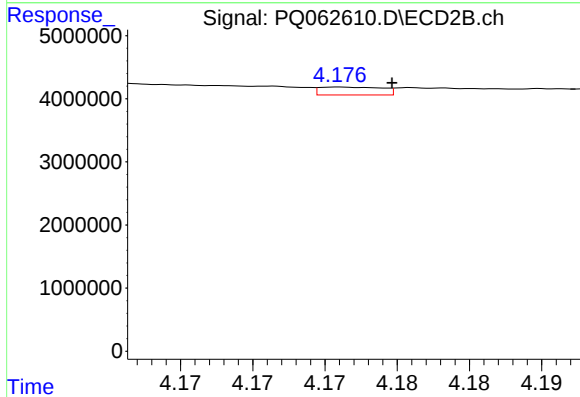
R.T.: 4.000 min
Delta R.T.: -0.022 min
Response: 1638784
Conc: 55.10 ng/ml



#15 AR-1232-5

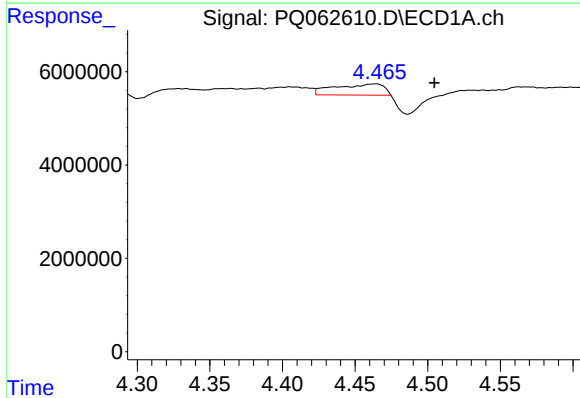
R.T.: 4.743 min
Delta R.T.: -0.027 min
Response: 512332
Conc: 12.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



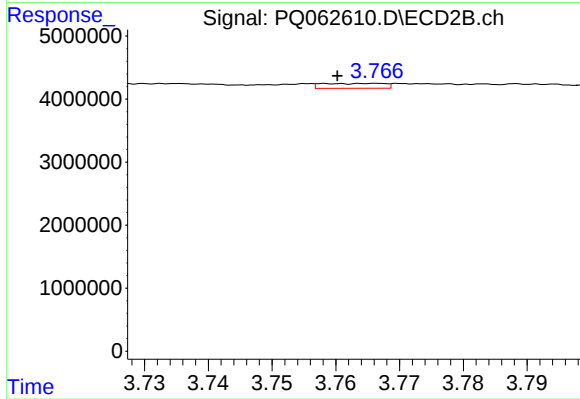
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 375150
Conc: 10.52 ng/ml



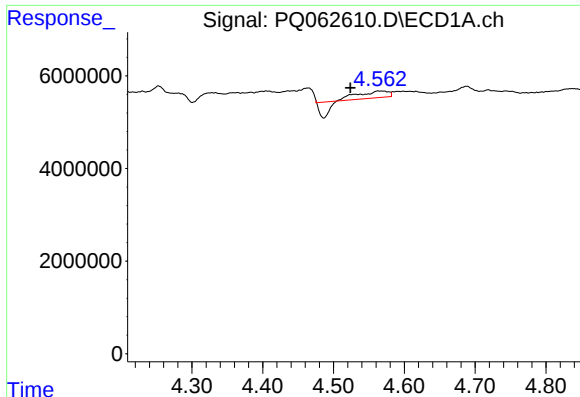
#16 AR-1242-1

R.T.: 4.464 min
Delta R.T.: -0.041 min
Response: 5627462
Conc: 43.05 ng/ml



#16 AR-1242-1

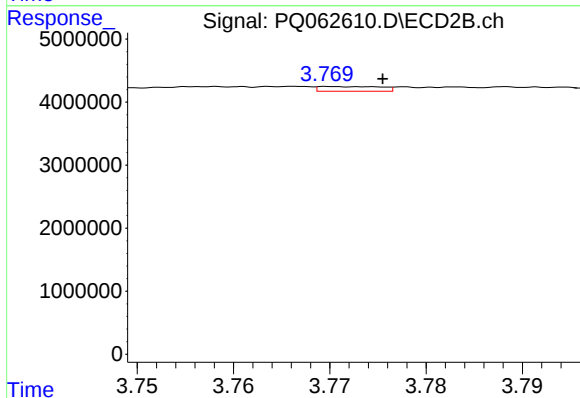
R.T.: 3.764 min
Delta R.T.: 0.004 min
Response: 531839
Conc: 6.88 ng/ml



#17 AR-1242-2

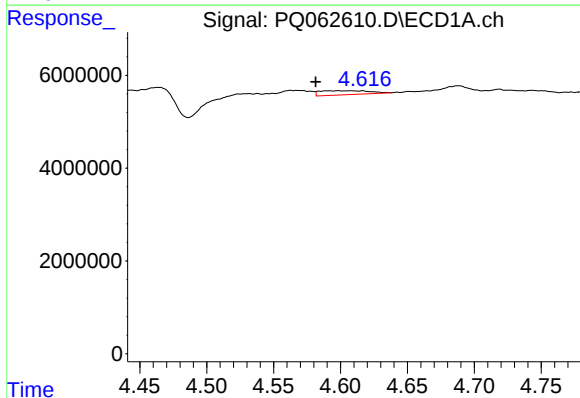
R.T.: 4.563 min
Delta R.T.: 0.039 min
Response: 1836839
Conc: 9.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



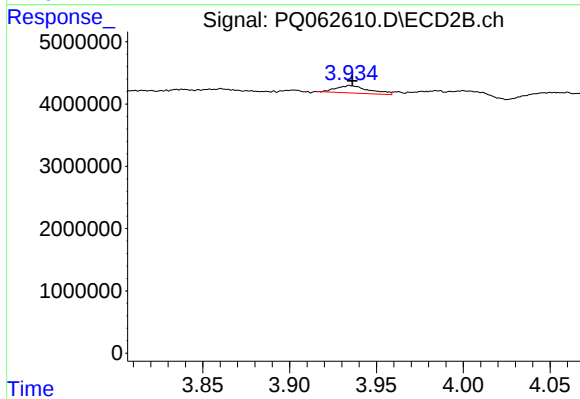
#17 AR-1242-2

R.T.: 3.770 min
Delta R.T.: -0.005 min
Response: 340742
Conc: 3.07 ng/ml



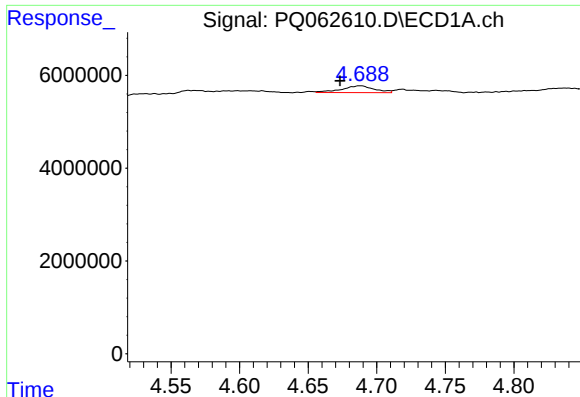
#18 AR-1242-3

R.T.: 4.598 min
Delta R.T.: 0.017 min
Response: 2227328
Conc: 18.43 ng/ml



#18 AR-1242-3

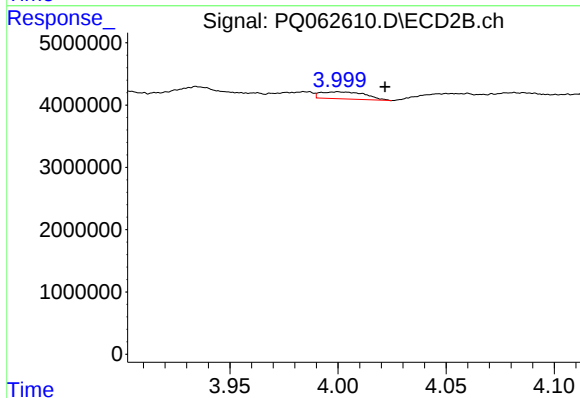
R.T.: 3.934 min
Delta R.T.: -0.002 min
Response: 1549780
Conc: 26.46 ng/ml



#19 AR-1242-4

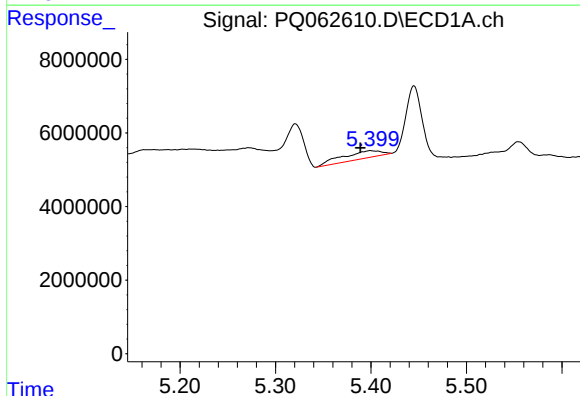
R.T.: 4.688 min
Delta R.T.: 0.015 min
Response: 2395917
Conc: 24.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



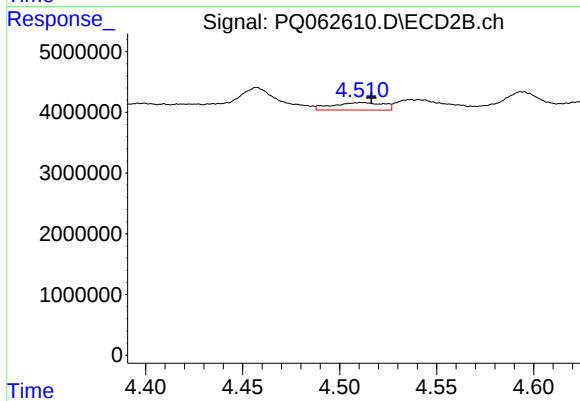
#19 AR-1242-4

R.T.: 4.000 min
Delta R.T.: -0.022 min
Response: 1638784
Conc: 27.95 ng/ml



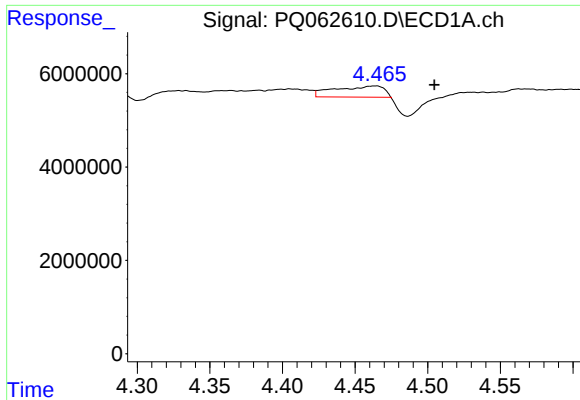
#20 AR-1242-5

R.T.: 5.399 min
Delta R.T.: 0.011 min
Response: 5832295
Conc: 60.92 ng/ml



#20 AR-1242-5

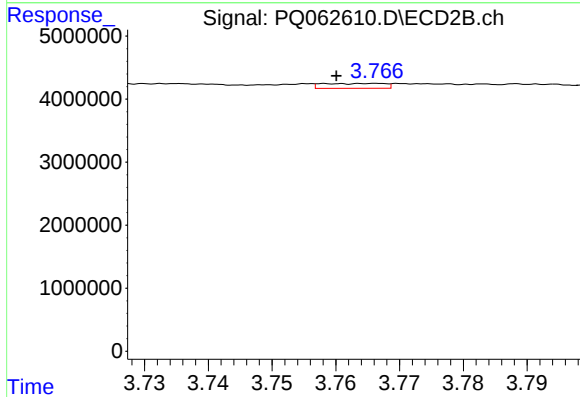
R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 2251398
Conc: 27.16 ng/ml



#21 AR-1248-1

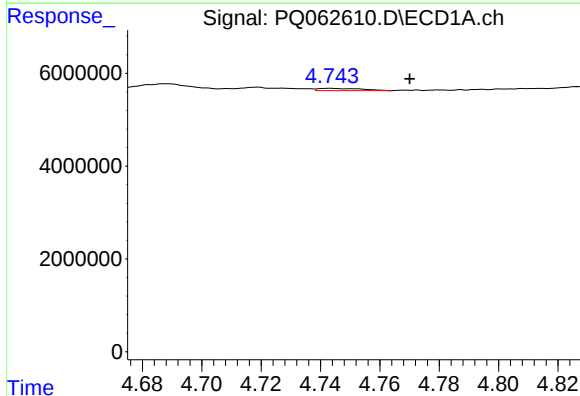
R.T.: 4.464 min
Delta R.T.: -0.041 min
Response: 5627462
Conc: 54.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



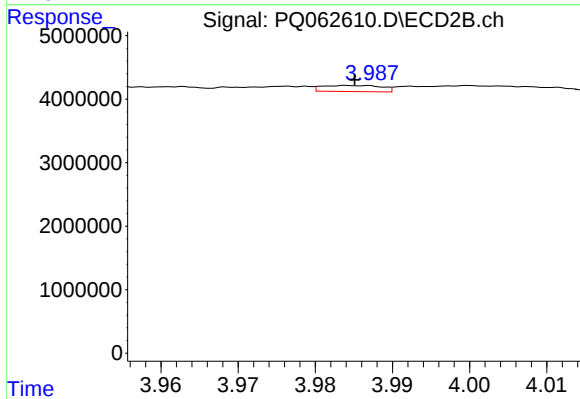
#21 AR-1248-1

R.T.: 3.764 min
Delta R.T.: 0.004 min
Response: 531839
Conc: 8.51 ng/ml



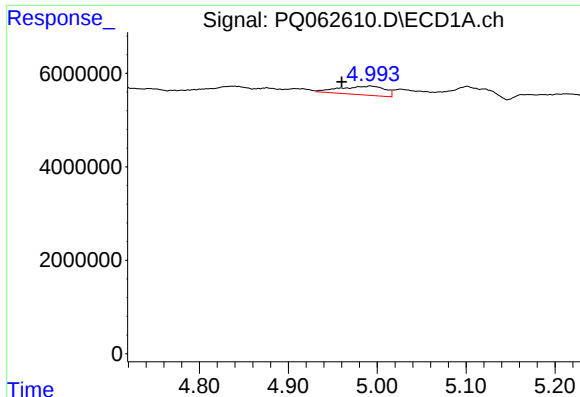
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: -0.027 min
Response: 512332
Conc: 3.57 ng/ml



#22 AR-1248-2

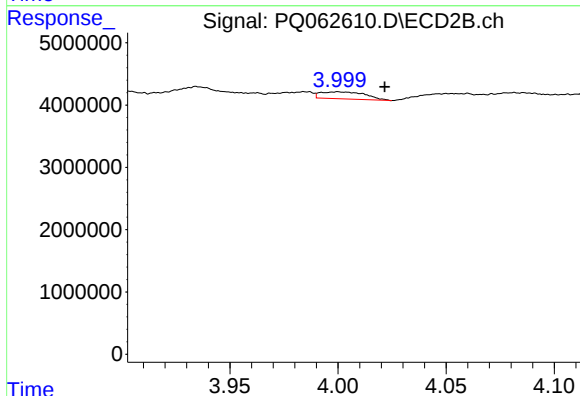
R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 516554
Conc: 5.51 ng/ml



#23 AR-1248-3

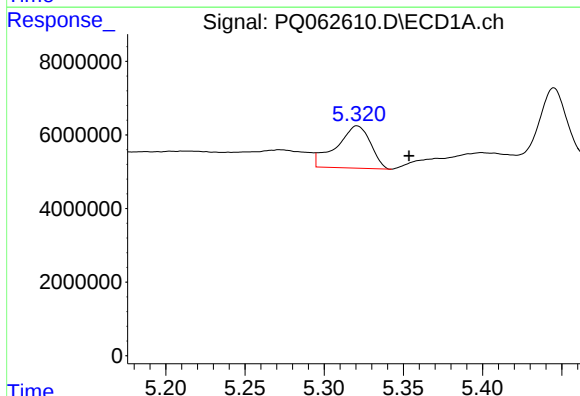
R.T.: 4.992 min
Delta R.T.: 0.032 min
Response: 6593645
Conc: 37.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



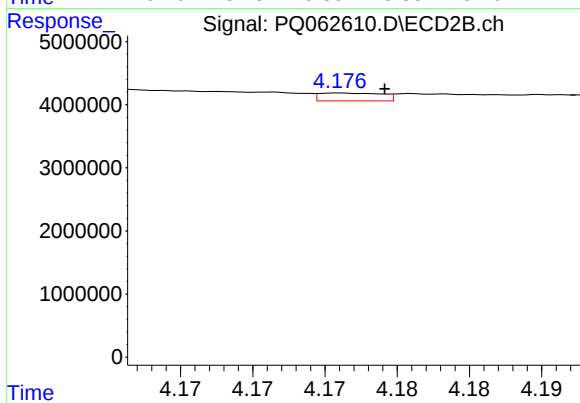
#23 AR-1248-3

R.T.: 4.000 min
Delta R.T.: -0.021 min
Response: 1638784
Conc: 18.10 ng/ml



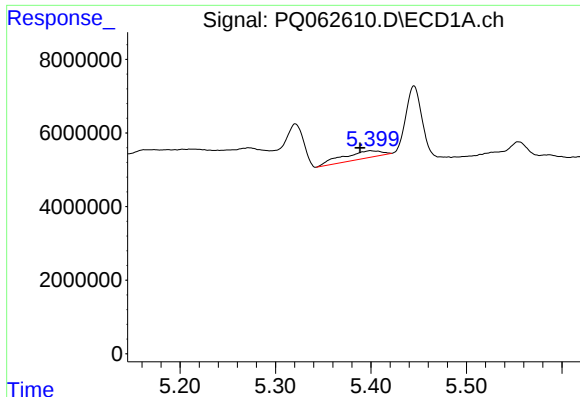
#24 AR-1248-4

R.T.: 5.321 min
Delta R.T.: -0.033 min
Response: 17269776
Conc: 89.98 ng/ml



#24 AR-1248-4

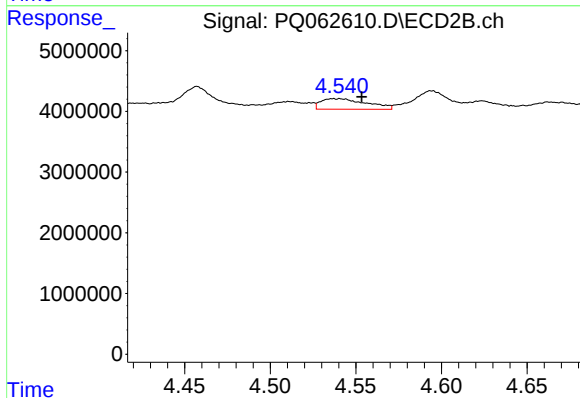
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 375150
Conc: 3.32 ng/ml



#25 AR-1248-5

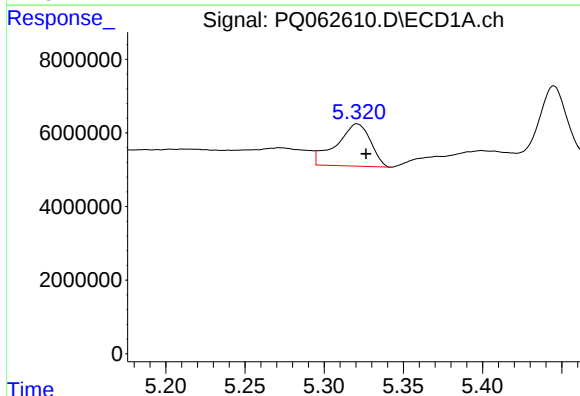
R.T.: 5.399 min
Delta R.T.: 0.011 min
Response: 5832295
Conc: 32.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



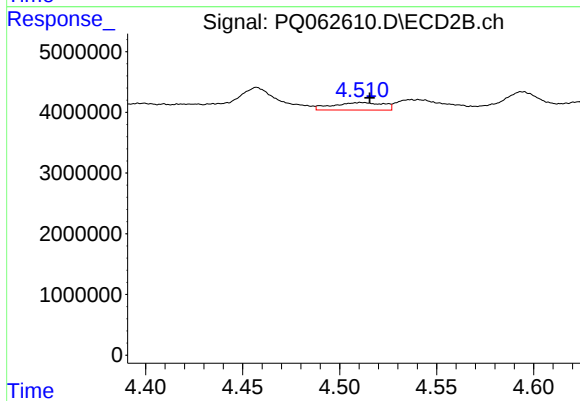
#25 AR-1248-5

R.T.: 4.541 min
Delta R.T.: -0.013 min
Response: 3252829
Conc: 29.03 ng/ml



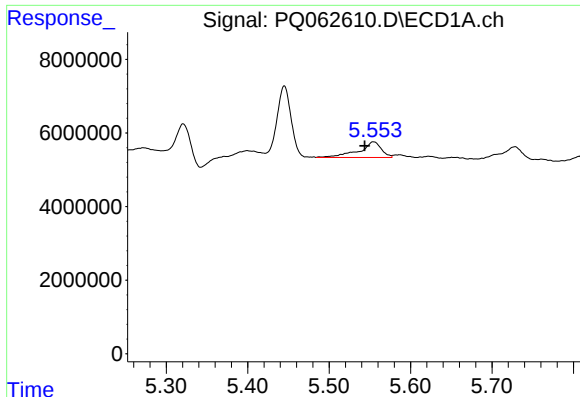
#26 AR-1254-1

R.T.: 5.321 min
Delta R.T.: -0.006 min
Response: 17269776
Conc: 92.94 ng/ml



#26 AR-1254-1

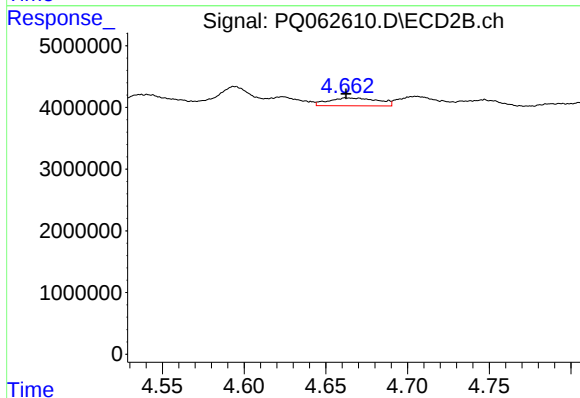
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 2251398
Conc: 13.94 ng/ml



#27 AR-1254-2

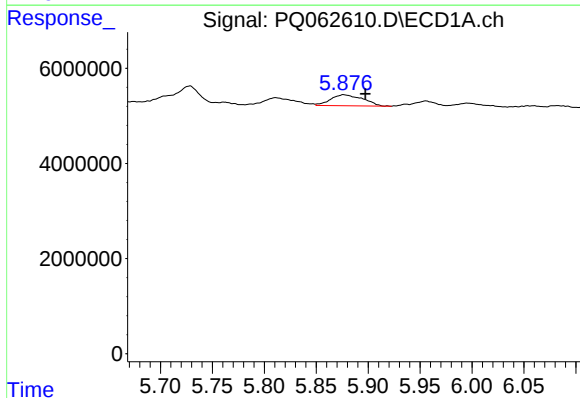
R.T.: 5.555 min
Delta R.T.: 0.011 min
Response: 8103397
Conc: 27.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



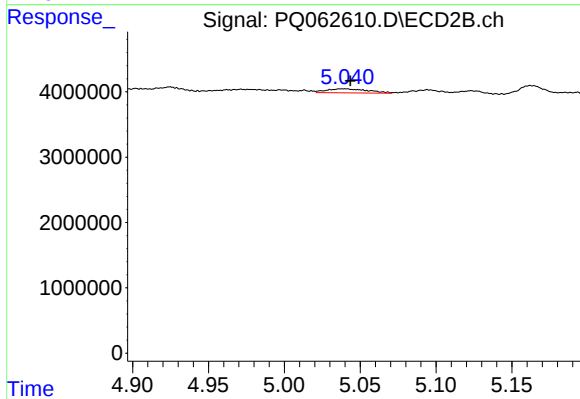
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 2686646
Conc: 18.25 ng/ml



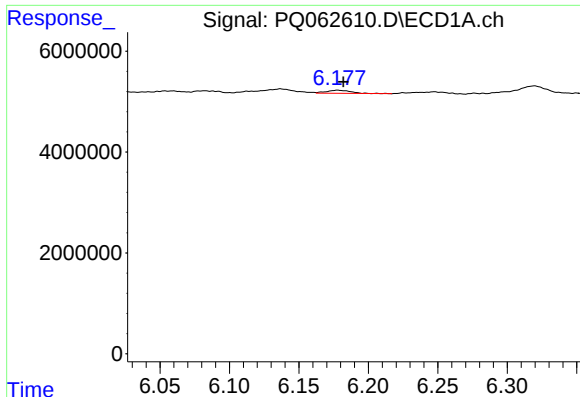
#28 AR-1254-3

R.T.: 5.877 min
Delta R.T.: -0.021 min
Response: 5020242
Conc: 16.35 ng/ml



#28 AR-1254-3

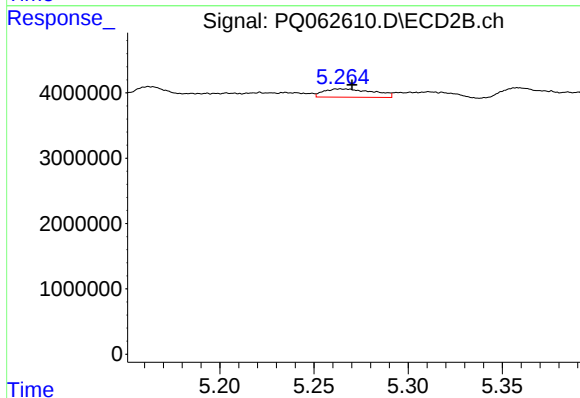
R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 1173349
Conc: 5.02 ng/ml



#29 AR-1254-4

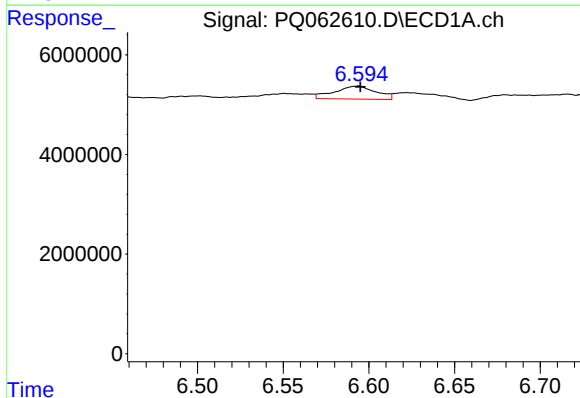
R.T.: 6.178 min
Delta R.T.: -0.004 min
Response: 778146
Conc: 3.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



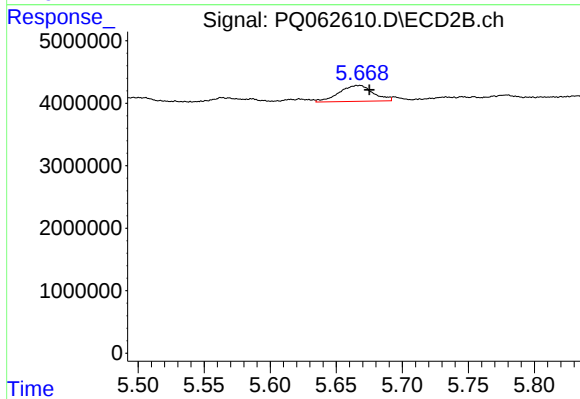
#29 AR-1254-4

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 2317070
Conc: 15.20 ng/ml



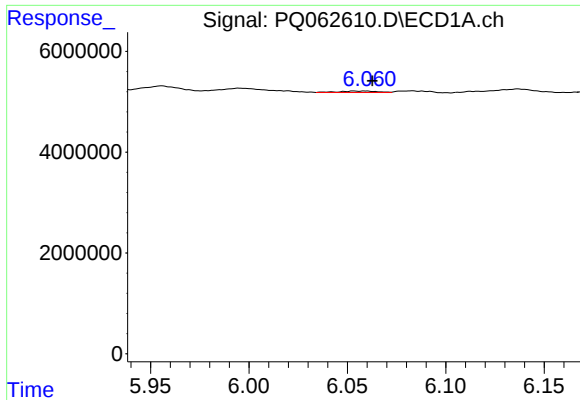
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 4396383
Conc: 17.12 ng/ml



#30 AR-1254-5

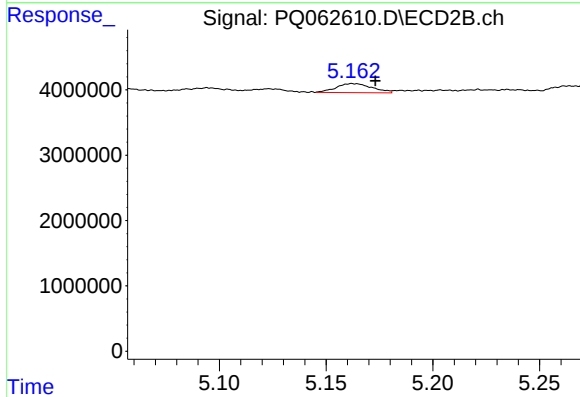
R.T.: 5.666 min
Delta R.T.: -0.009 min
Response: 4597994
Conc: 19.92 ng/ml



#31 AR-1260-1

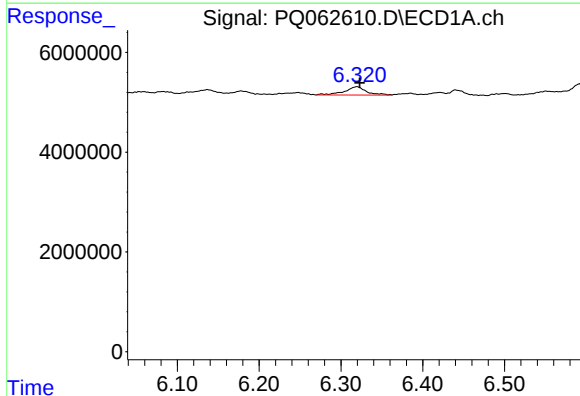
R.T.: 6.054 min
Delta R.T.: -0.009 min
Response: 400920
Conc: 1.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



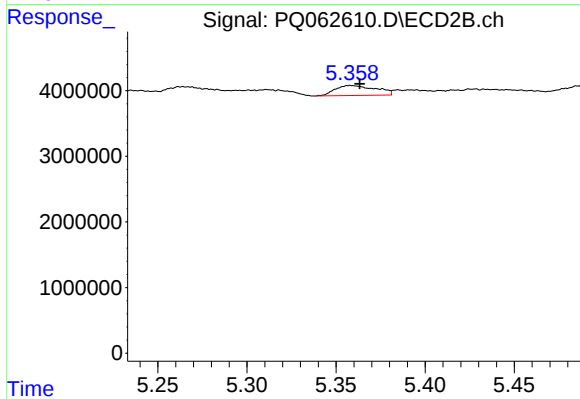
#31 AR-1260-1

R.T.: 5.162 min
Delta R.T.: -0.011 min
Response: 1630255
Conc: 9.79 ng/ml



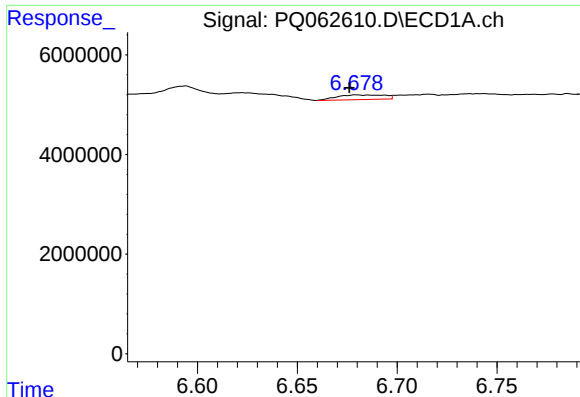
#32 AR-1260-2

R.T.: 6.319 min
Delta R.T.: -0.003 min
Response: 3116507
Conc: 10.79 ng/ml



#32 AR-1260-2

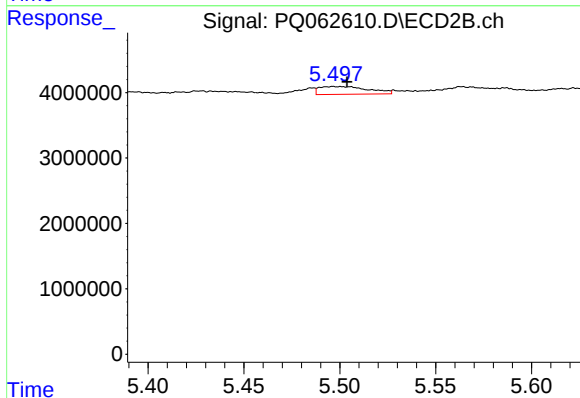
R.T.: 5.358 min
Delta R.T.: -0.005 min
Response: 2431302
Conc: 11.69 ng/ml



#33 AR-1260-3

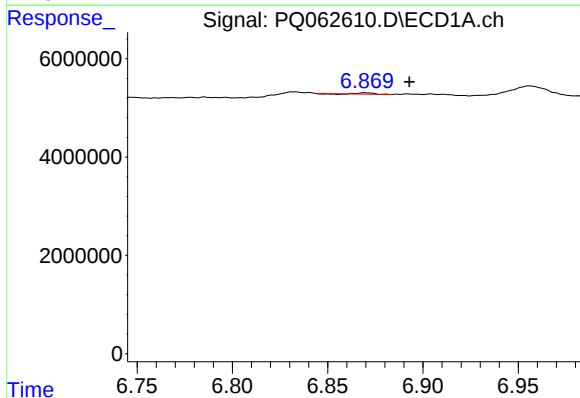
R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 1555638
Conc: 8.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



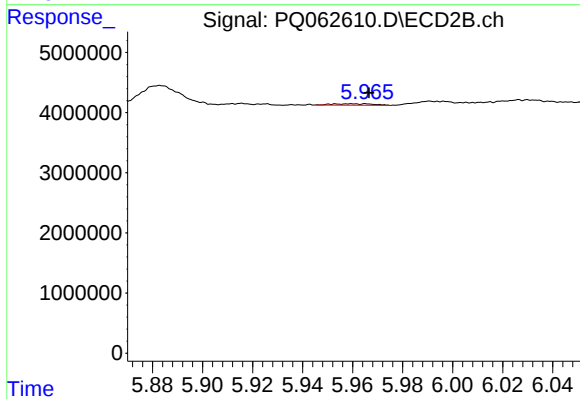
#33 AR-1260-3

R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 2123597
Conc: 10.91 ng/ml



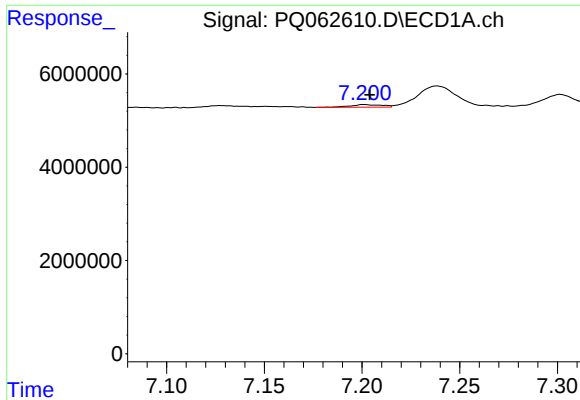
#34 AR-1260-4

R.T.: 6.870 min
Delta R.T.: -0.023 min
Response: 160623
Conc: 0.76 ng/ml



#34 AR-1260-4

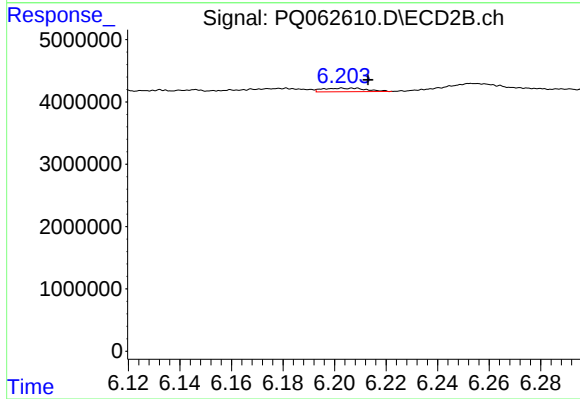
R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 294455
Conc: 2.02 ng/ml



#35 AR-1260-5

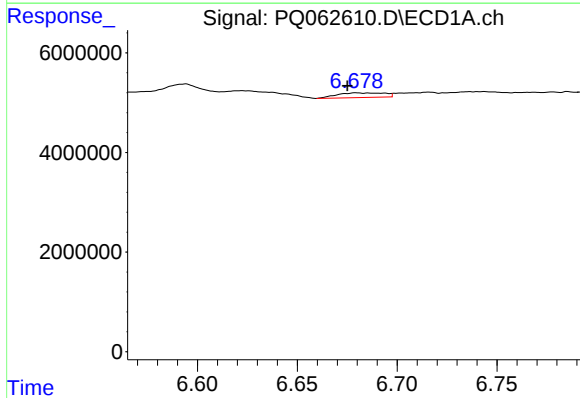
R.T.: 7.201 min
Delta R.T.: -0.003 min
Response: 615450
Conc: 1.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



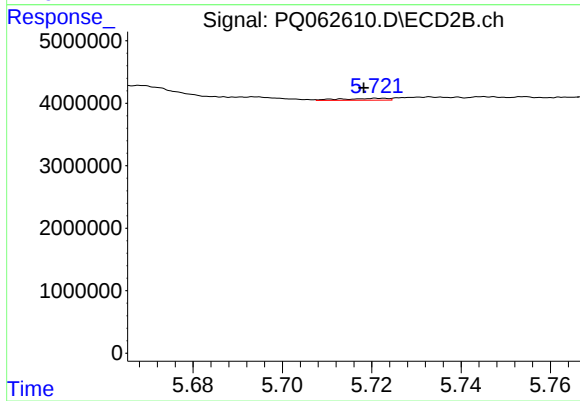
#35 AR-1260-5

R.T.: 6.203 min
Delta R.T.: -0.010 min
Response: 666432
Conc: 2.01 ng/ml



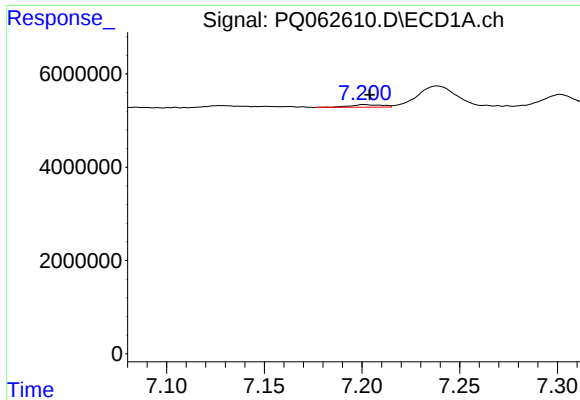
#36 AR-1262-1

R.T.: 6.680 min
Delta R.T.: 0.004 min
Response: 1555638
Conc: 5.10 ng/ml



#36 AR-1262-1

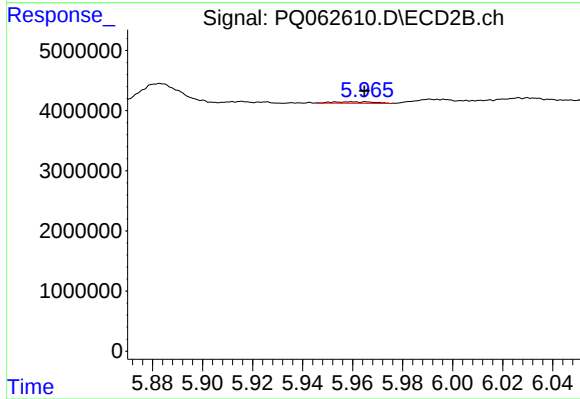
R.T.: 5.721 min
Delta R.T.: 0.003 min
Response: 218335
Conc: 0.94 ng/ml



#37 AR-1262-2

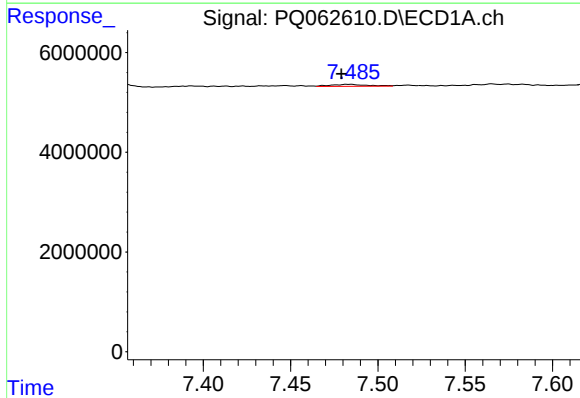
R.T.: 7.201 min
Delta R.T.: -0.003 min
Response: 615450
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



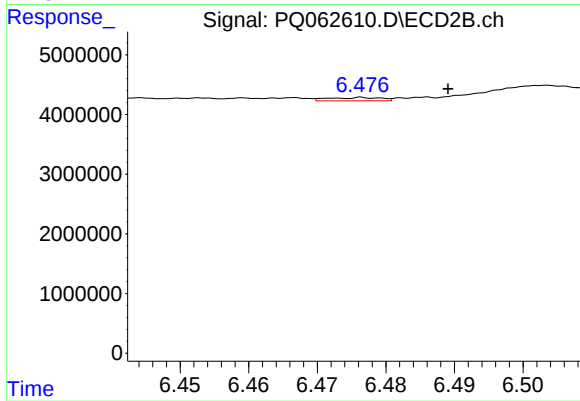
#37 AR-1262-2

R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 294455
Conc: 1.36 ng/ml



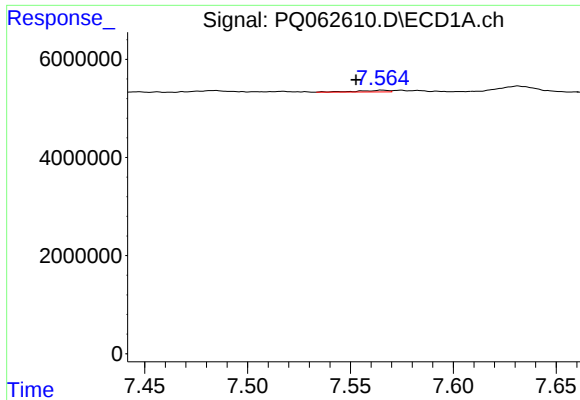
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 588387
Conc: 1.67 ng/ml



#38 AR-1262-3

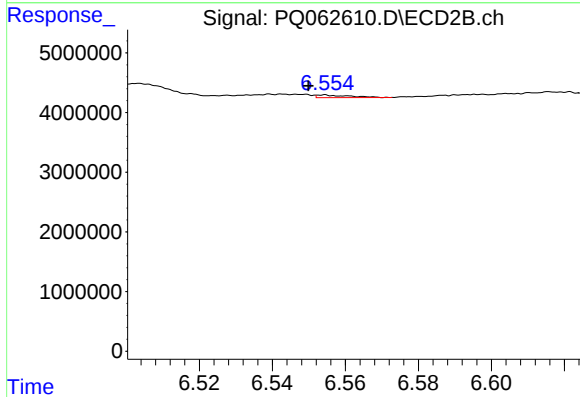
R.T.: 6.477 min
Delta R.T.: -0.012 min
Response: 302034
Conc: 1.73 ng/ml



#39 AR-1262-4

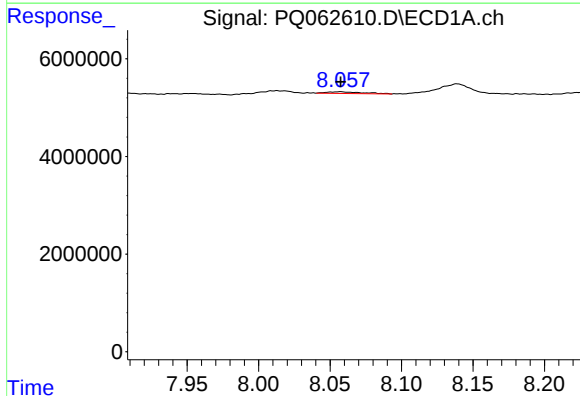
R.T.: 7.565 min
Delta R.T.: 0.013 min
Response: 353270
Conc: 1.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



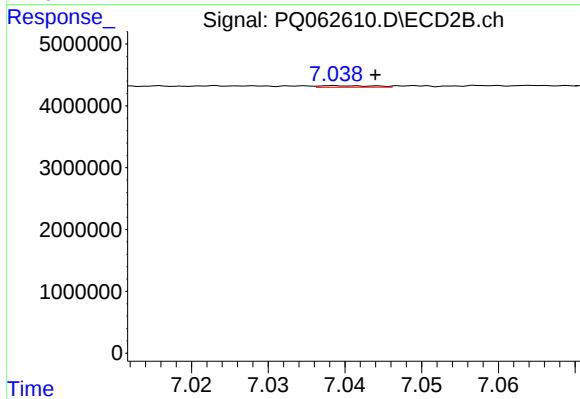
#39 AR-1262-4

R.T.: 6.554 min
Delta R.T.: 0.004 min
Response: 281903
Conc: 0.87 ng/ml



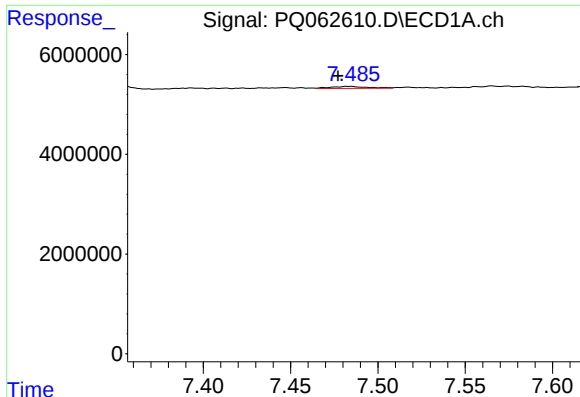
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 594319
Conc: 3.35 ng/ml



#40 AR-1262-5

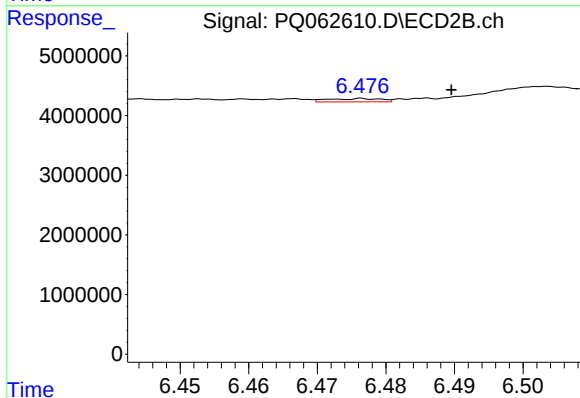
R.T.: 7.039 min
Delta R.T.: -0.005 min
Response: 128348
Conc: 0.83 ng/ml



#41 AR-1268-1

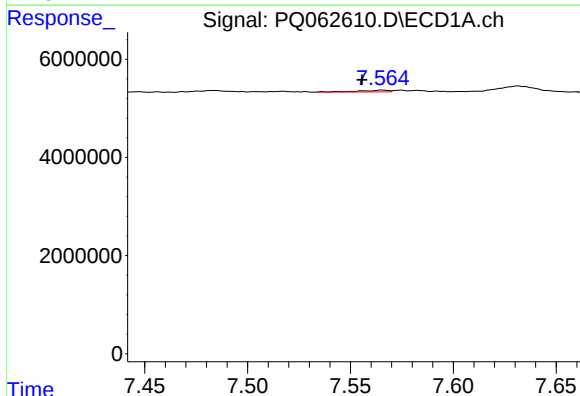
R.T.: 7.484 min
Delta R.T.: 0.006 min
Response: 588387
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



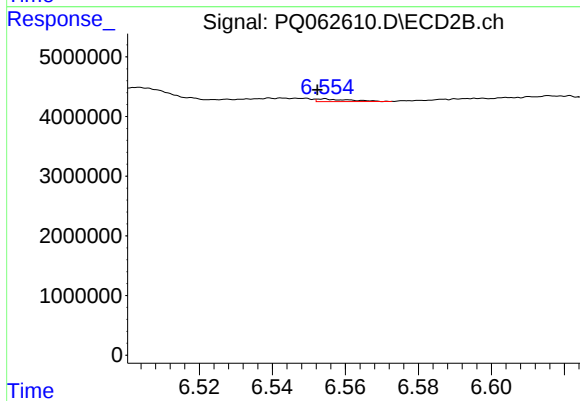
#41 AR-1268-1

R.T.: 6.477 min
Delta R.T.: -0.013 min
Response: 302034
Conc: 0.64 ng/ml



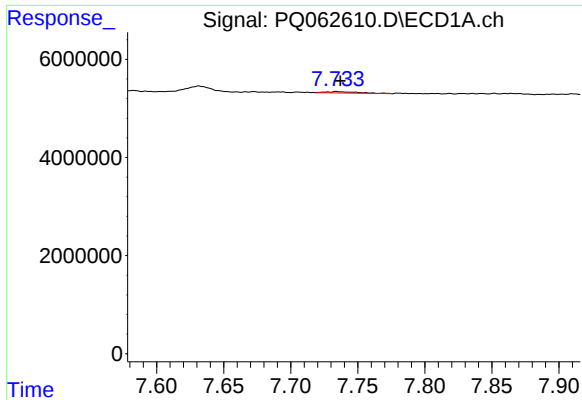
#42 AR-1268-2

R.T.: 7.565 min
Delta R.T.: 0.010 min
Response: 353270
Conc: 0.69 ng/ml



#42 AR-1268-2

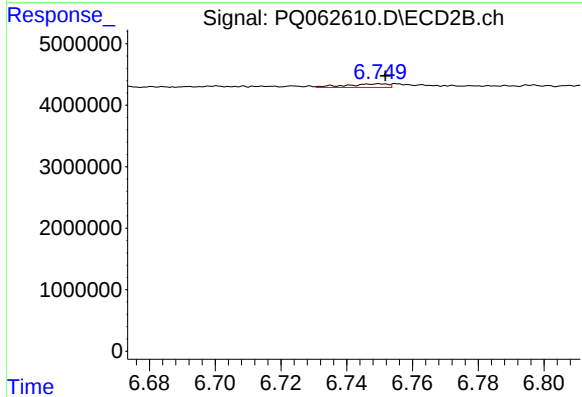
R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 281903
Conc: 0.67 ng/ml



#43 AR-1268-3

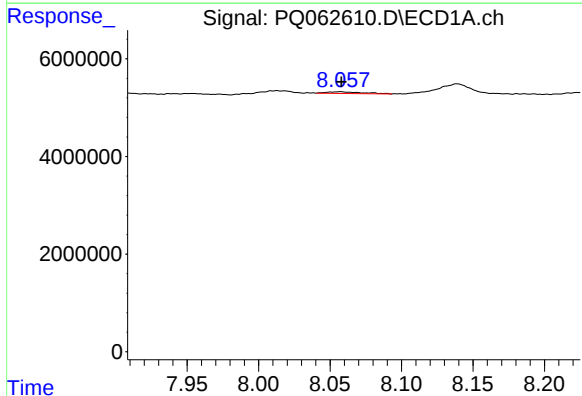
R.T.: 7.734 min
Delta R.T.: -0.003 min
Response: 481192
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



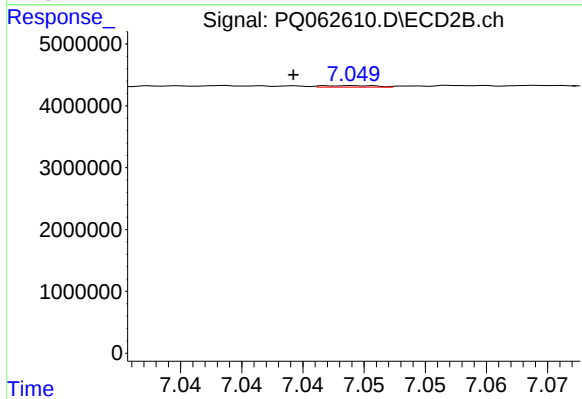
#43 AR-1268-3

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 525685
Conc: 1.43 ng/ml



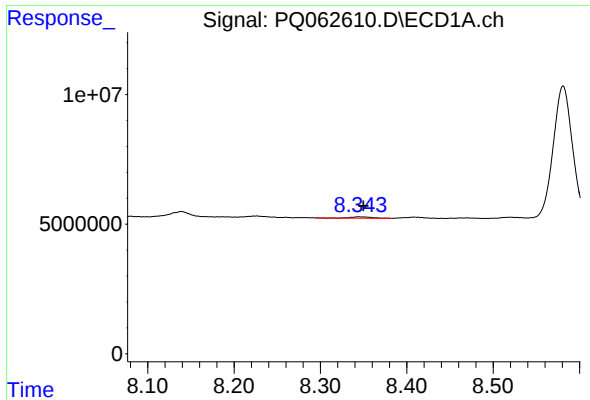
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 594319
Conc: 3.25 ng/ml



#44 AR-1268-4

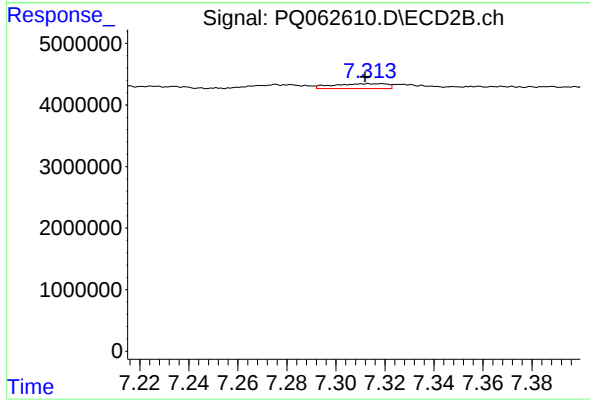
R.T.: 7.049 min
Delta R.T.: 0.005 min
Response: 75214
Conc: 0.47 ng/ml



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: -0.005 min
Response: 883541
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.001 min
Response: 1222121
Conc: 1.05 ng/ml