

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
 Data File : PQ068463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2024 23:48
 Operator : YP\AJ
 Sample : P3897-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 06:59:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 07 07:27:42 2024
 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...	3.439	2.822	129.4E6	139.1E6	18.123	19.526
2)	SA Decachlor...	8.609	7.599	77481886	126.8E6	17.778	19.197
Target Compounds							
3)	L1 AR-1016-1	4.536	3.835	748787	3906987	3.205	16.453 #
4)	L1 AR-1016-2	4.563	3.835	3673771	3906987	10.006	10.812
5)	L1 AR-1016-3	4.624	4.010	619298	12929973	2.740	66.569 #
6)	L1 AR-1016-4	4.704	4.055	10389316	2258377	54.568	13.984 #
7)	L1 AR-1016-5	4.968	4.236	192916	6541252	1.091	33.866 #
8)	L2 AR-1221-1	3.629	3.010	15033770	7416439	179.111	81.400 #
9)	L2 AR-1221-2	3.711	3.093	24081041	14334483	372.113	198.466 #
10)	L2 AR-1221-3	3.790	3.167	17976708	16943586	91.326	83.689
11)	L3 AR-1232-1	3.790	3.167	17976708	16943586	111.998	104.184
12)	L3 AR-1232-2	4.282	3.835	7399502	3906987	83.884	24.831 #
13)	L3 AR-1232-3	4.563	4.010	3673771	12929973	22.811	155.445 #
14)	L3 AR-1232-4	4.704	4.100	10389316	4314649	129.814	61.119 #
15)	L3 AR-1232-5	4.809	4.236	1022146	6541252	18.965	82.772 #
16)	L4 AR-1242-1	4.536	3.835	748787	3906987	4.144	21.389 #
17)	L4 AR-1242-2	4.563	3.835	3673771	3906987	13.197	14.447
18)	L4 AR-1242-3	4.624	4.010	619298	12929973	3.602	87.859 #
19)	L4 AR-1242-4	4.704	4.100	10389316	4314649	73.216	30.929 #
20)	L4 AR-1242-5	5.436	4.591	15487129	3897598	107.460	20.743 #
21)	L5 AR-1248-1	4.536	3.835	748787	3906987	5.343	27.352 #
22)	L5 AR-1248-2	4.809	4.055	1022146	2258377	5.249	10.489 #
23)	L5 AR-1248-3	4.968f	4.100	192916	4314649	0.822	20.785 #
24)	L5 AR-1248-4	5.383	4.236	1186878	6541252	4.597	25.595 #
25)	L5 AR-1248-5	5.436	4.615	15487129	28946194	61.153	113.356 #
26)	L6 AR-1254-1	5.353	4.591	15273857	3897598	59.621	10.470 #
27)	L6 AR-1254-2	5.559	4.746	21212842	30150944	54.216	90.414 #
28)	L6 AR-1254-3	5.908	5.116	37204401	25679796	91.485	49.984 #
29)	L6 AR-1254-4	6.215	5.343	21299536	17804693	73.949	56.665
30)	L6 AR-1254-5	6.626	5.748	16906659	20386333	51.708	42.690
31)	L7 AR-1260-1	6.098	5.247	3435561	13531271	10.331	35.239 #
32)	L7 AR-1260-2	6.349	5.436	26484152	12642489	70.657	27.737 #
33)	L7 AR-1260-3	6.702	5.574	1137690	14855614	4.841	34.087 #
34)	L7 AR-1260-4	6.904	6.038	5992565	2980505	21.625	9.277 #
35)	L7 AR-1260-5	7.233	6.284	1886958	5357730	3.531	7.352 #
36)	L8 AR-1262-1	6.904	5.792	5992565	1453724	16.947	2.996 #
37)	L8 AR-1262-2	7.233	6.038	1886958	2980505	2.890	6.692 #
38)	L8 AR-1262-3	7.511	6.553	1111497	2847693	2.587	8.040 #
39)	L8 AR-1262-4	7.594	6.618	729747	3938571	2.188	5.947 #
40)	L8 AR-1262-5	8.081	7.119	261575	435779	1.242	1.424
41)	L9 AR-1268-1	7.511	6.553	1111497	2847693	1.541	2.799 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
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Acq On : 09 Sep 2024 23:48
Operator : YP\AJ
Sample : P3897-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

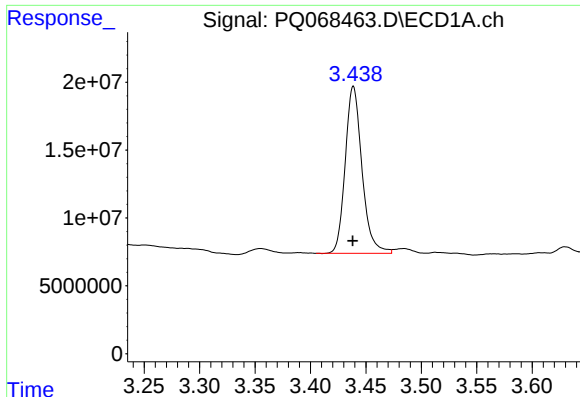
Instrument :
ECD_Q
ClientSampleId :
3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 06:59:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 07:27:42 2024
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	7.594	6.618	729747	3938571	1.106	4.340 #
43) L9	AR-1268-3	7.760	6.827	542567	506599	1.001	0.638 #
44) L9	AR-1268-4	8.089	7.119	80949	435779	0.376	1.377 #
45) L9	AR-1268-5	8.374	7.389	278724	1017319	0.176	0.430 #

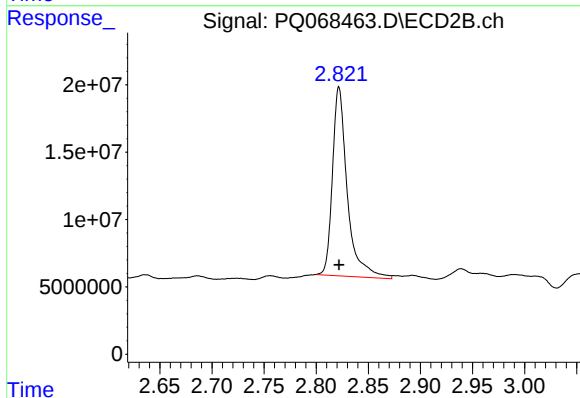
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

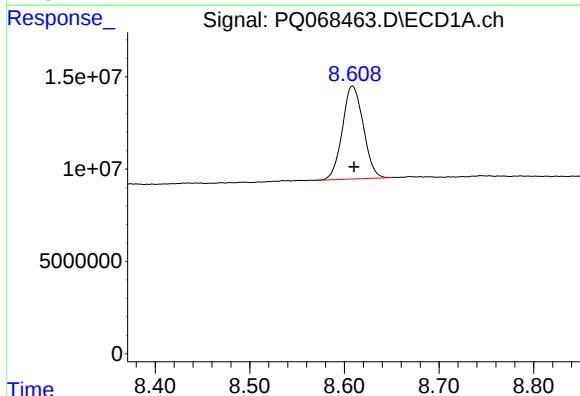
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 129410052
Conc: 18.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



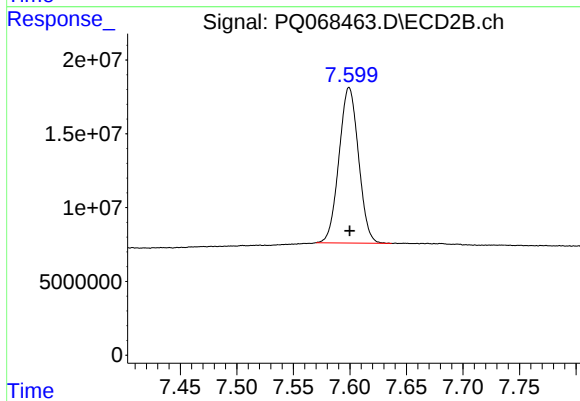
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 139068807
Conc: 19.53 ng/ml



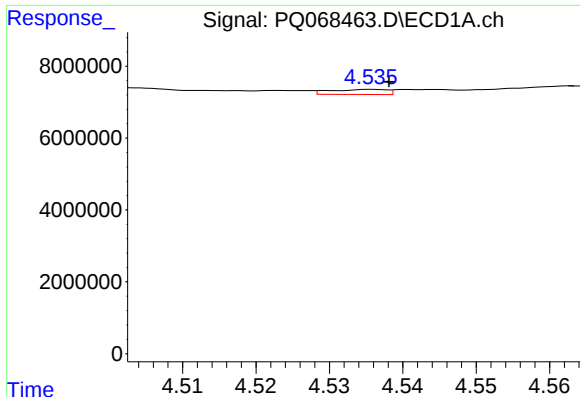
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 77481886
Conc: 17.78 ng/ml



#2 Decachlorobiphenyl

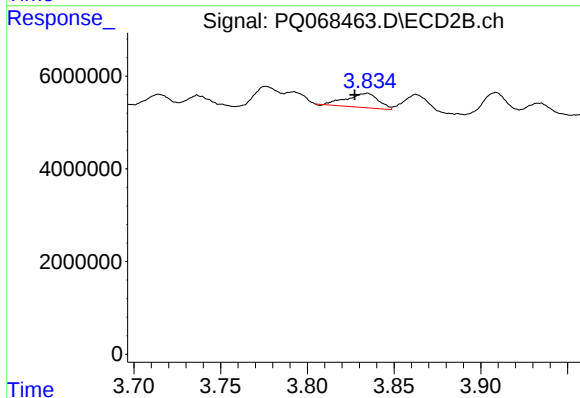
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 126771848
Conc: 19.20 ng/ml



#3 AR-1016-1

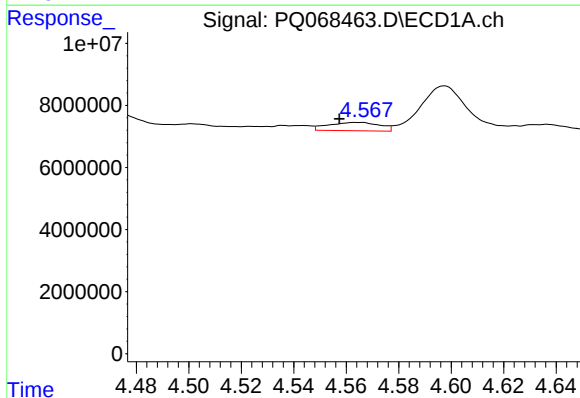
R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 748787
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



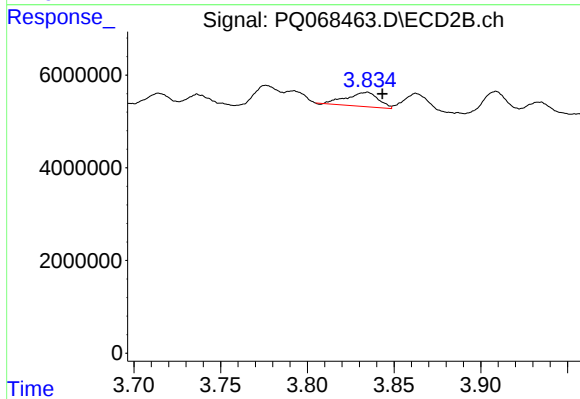
#3 AR-1016-1

R.T.: 3.835 min
Delta R.T.: 0.008 min
Response: 3906987
Conc: 16.45 ng/ml



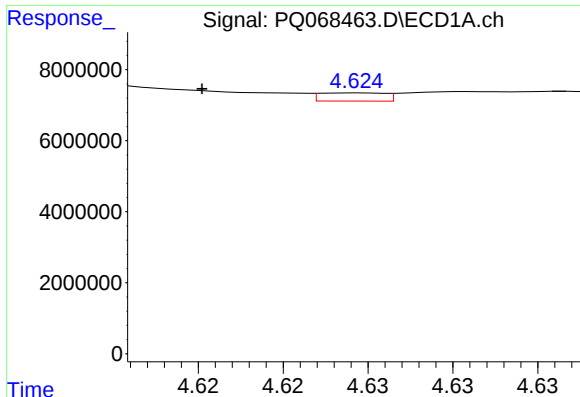
#4 AR-1016-2

R.T.: 4.563 min
Delta R.T.: 0.006 min
Response: 3673771
Conc: 10.01 ng/ml



#4 AR-1016-2

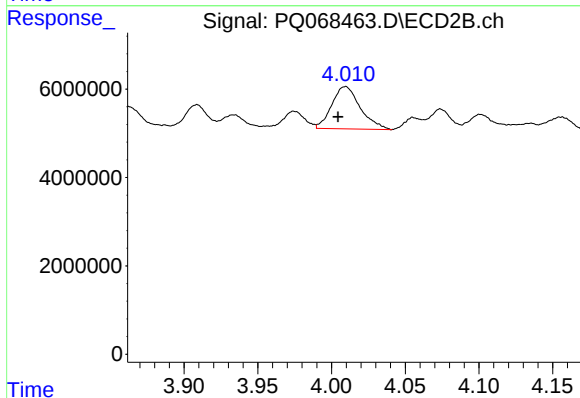
R.T.: 3.835 min
Delta R.T.: -0.008 min
Response: 3906987
Conc: 10.81 ng/ml



#5 AR-1016-3

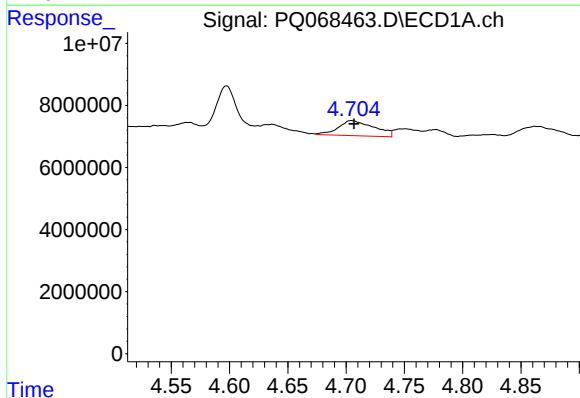
R.T.: 4.624 min
Delta R.T.: 0.009 min
Response: 619298
Conc: 2.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



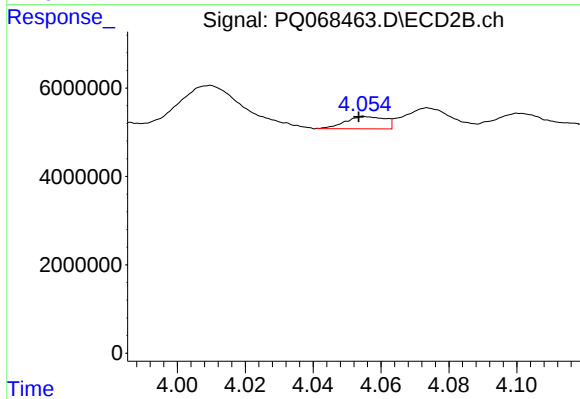
#5 AR-1016-3

R.T.: 4.010 min
Delta R.T.: 0.005 min
Response: 12929973
Conc: 66.57 ng/ml



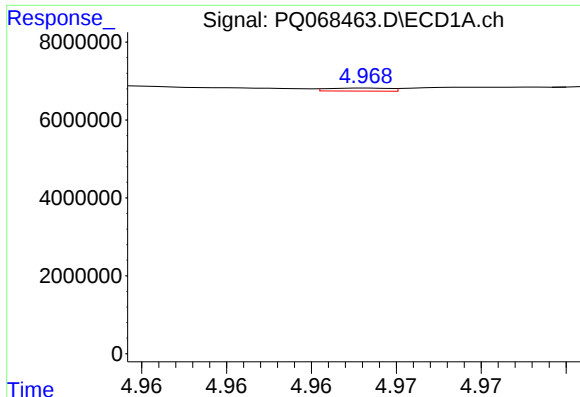
#6 AR-1016-4

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 10389316
Conc: 54.57 ng/ml



#6 AR-1016-4

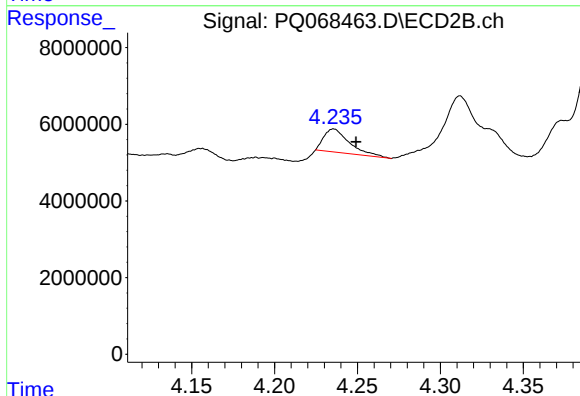
R.T.: 4.055 min
Delta R.T.: 0.002 min
Response: 2258377
Conc: 13.98 ng/ml



#7 AR-1016-5

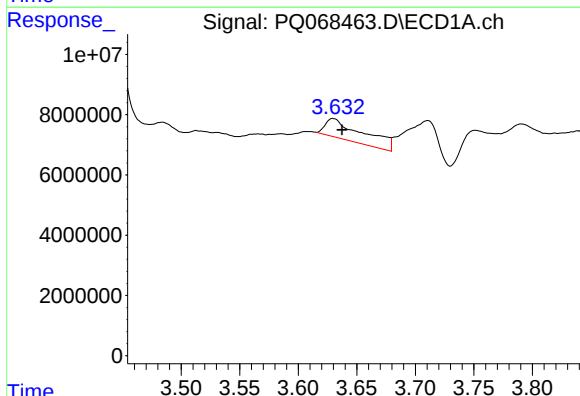
R.T.: 4.968 min
Delta R.T.: -0.025 min
Response: 192916
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



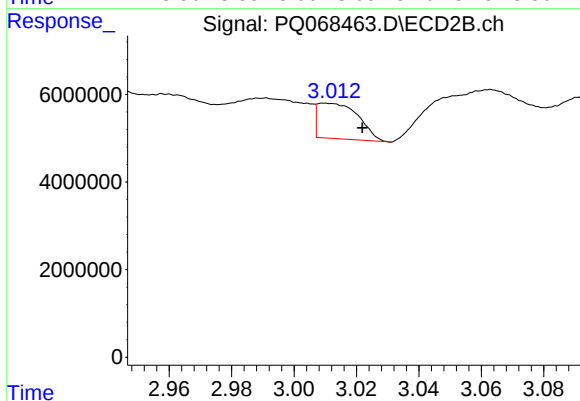
#7 AR-1016-5

R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 6541252
Conc: 33.87 ng/ml



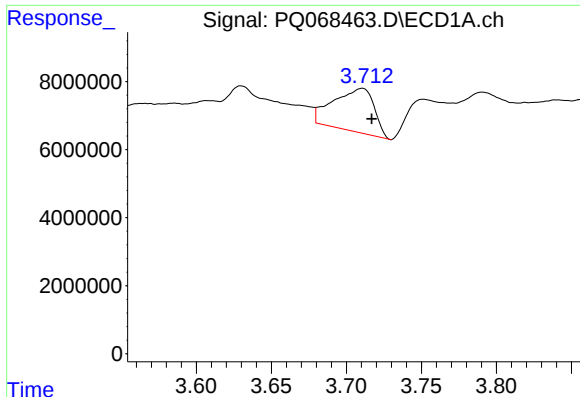
#8 AR-1221-1

R.T.: 3.629 min
Delta R.T.: -0.008 min
Response: 15033770
Conc: 179.11 ng/ml



#8 AR-1221-1

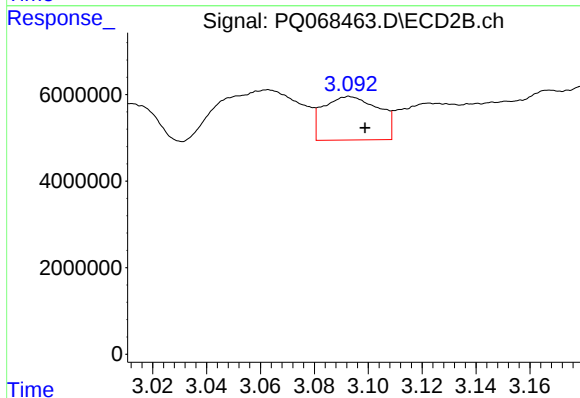
R.T.: 3.010 min
Delta R.T.: -0.012 min
Response: 7416439
Conc: 81.40 ng/ml



#9 AR-1221-2

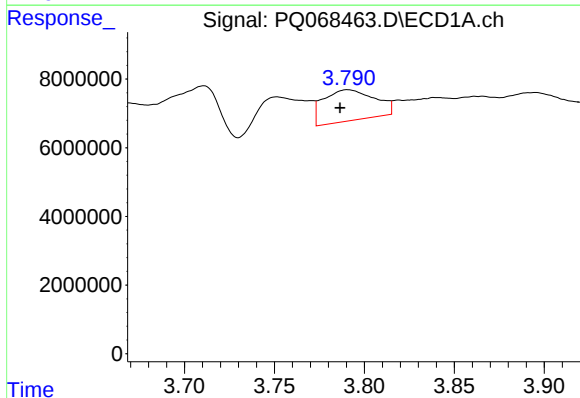
R.T.: 3.711 min
Delta R.T.: -0.006 min
Response: 24081041
Conc: 372.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



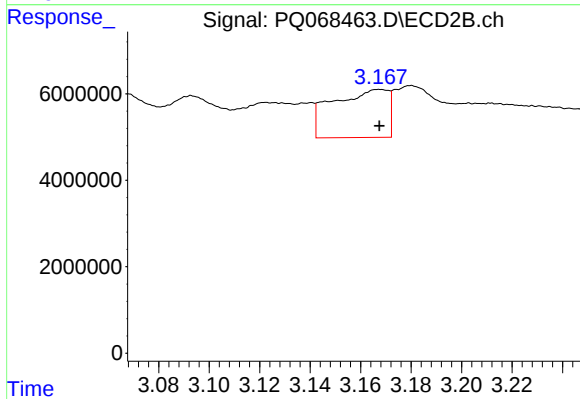
#9 AR-1221-2

R.T.: 3.093 min
Delta R.T.: -0.006 min
Response: 14334483
Conc: 198.47 ng/ml



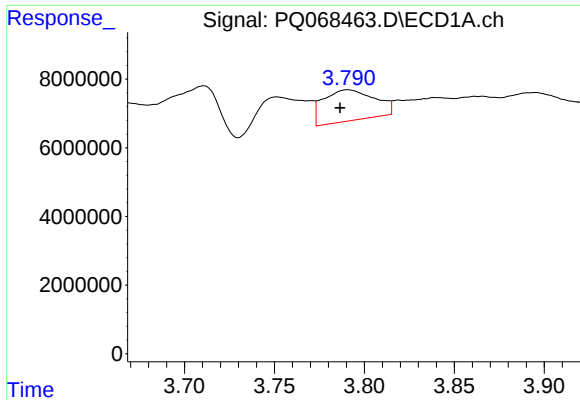
#10 AR-1221-3

R.T.: 3.790 min
Delta R.T.: 0.004 min
Response: 17976708
Conc: 91.33 ng/ml



#10 AR-1221-3

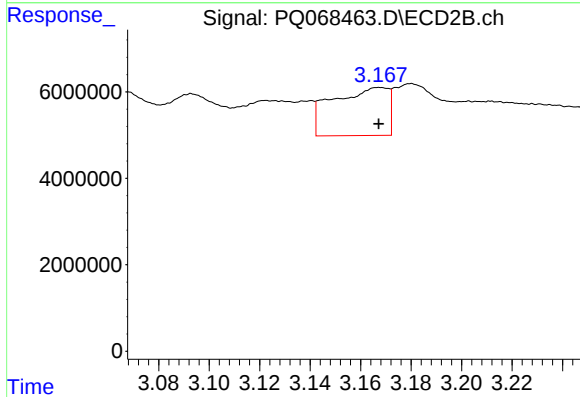
R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 16943586
Conc: 83.69 ng/ml



#11 AR-1232-1

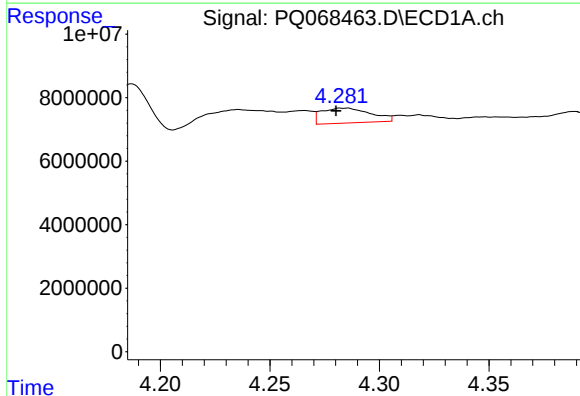
R.T.: 3.790 min
Delta R.T.: 0.004 min
Response: 17976708
Conc: 112.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



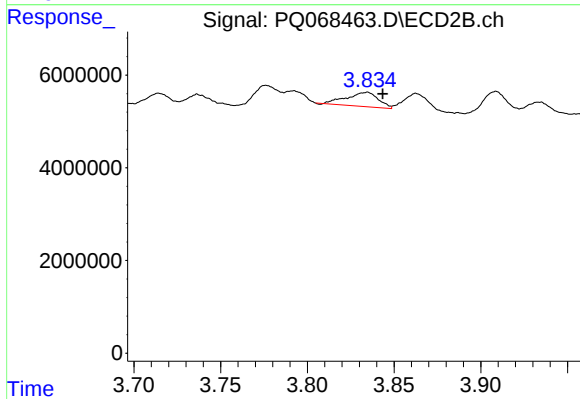
#11 AR-1232-1

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 16943586
Conc: 104.18 ng/ml



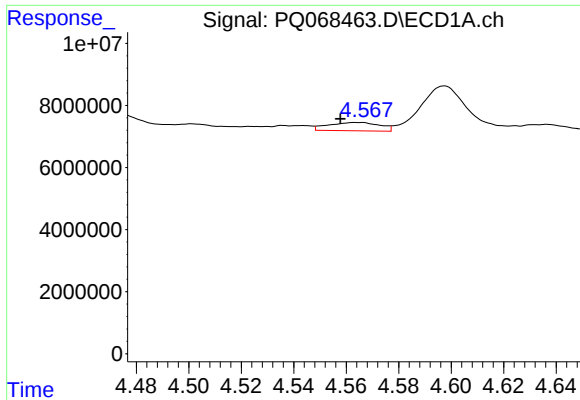
#12 AR-1232-2

R.T.: 4.282 min
Delta R.T.: 0.002 min
Response: 7399502
Conc: 83.88 ng/ml



#12 AR-1232-2

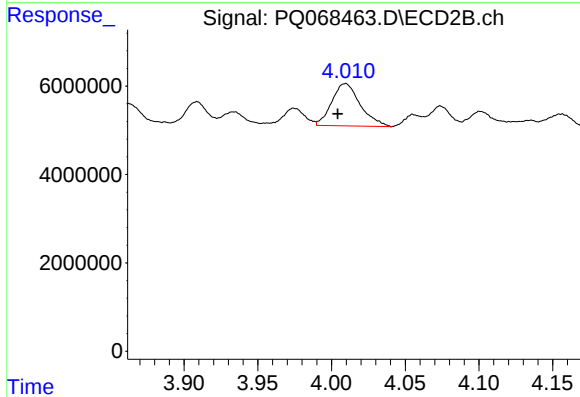
R.T.: 3.835 min
Delta R.T.: -0.008 min
Response: 3906987
Conc: 24.83 ng/ml



#13 AR-1232-3

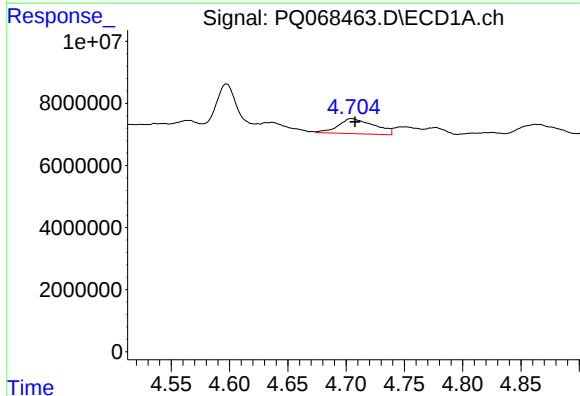
R.T.: 4.563 min
Delta R.T.: 0.006 min
Response: 3673771
Conc: 22.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



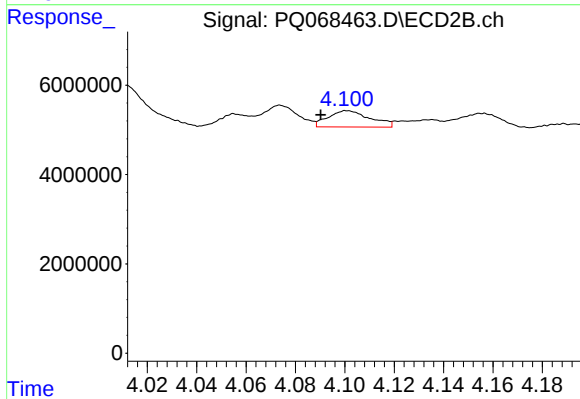
#13 AR-1232-3

R.T.: 4.010 min
Delta R.T.: 0.006 min
Response: 12929973
Conc: 155.44 ng/ml



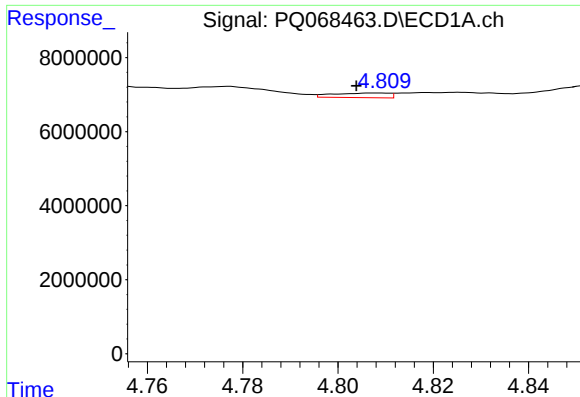
#14 AR-1232-4

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 10389316
Conc: 129.81 ng/ml



#14 AR-1232-4

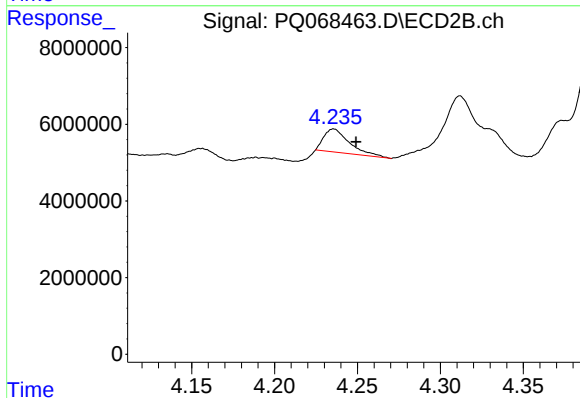
R.T.: 4.100 min
Delta R.T.: 0.010 min
Response: 4314649
Conc: 61.12 ng/ml



#15 AR-1232-5

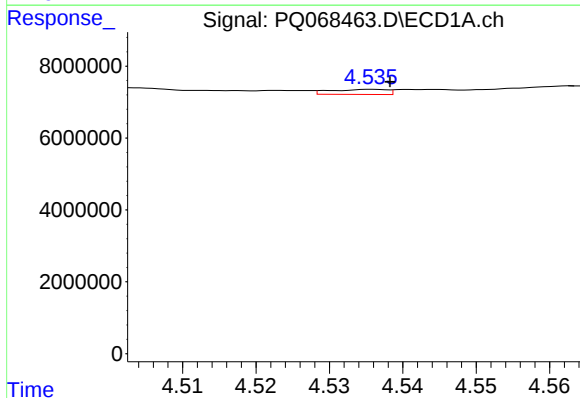
R.T.: 4.809 min
Delta R.T.: 0.005 min
Response: 1022146
Conc: 18.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



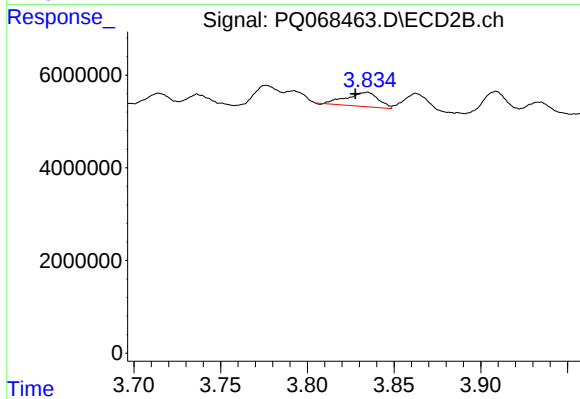
#15 AR-1232-5

R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 6541252
Conc: 82.77 ng/ml



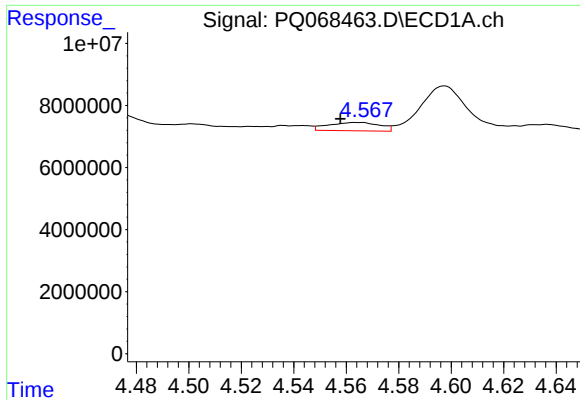
#16 AR-1242-1

R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 748787
Conc: 4.14 ng/ml



#16 AR-1242-1

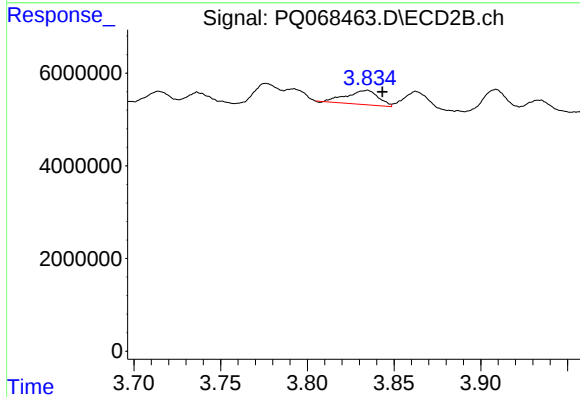
R.T.: 3.835 min
Delta R.T.: 0.007 min
Response: 3906987
Conc: 21.39 ng/ml



#17 AR-1242-2

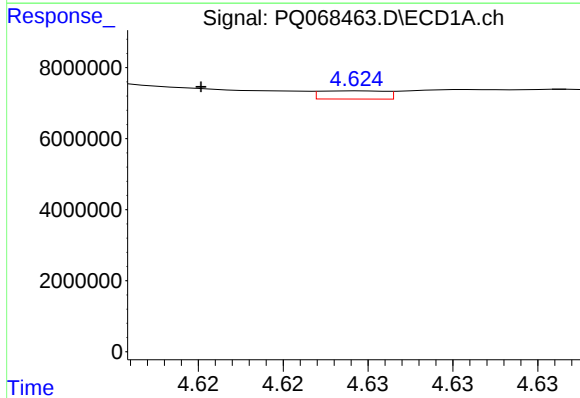
R.T.: 4.563 min
Delta R.T.: 0.006 min
Response: 3673771
Conc: 13.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



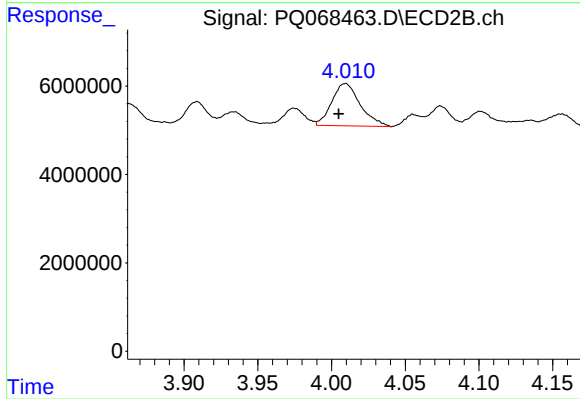
#17 AR-1242-2

R.T.: 3.835 min
Delta R.T.: -0.008 min
Response: 3906987
Conc: 14.45 ng/ml



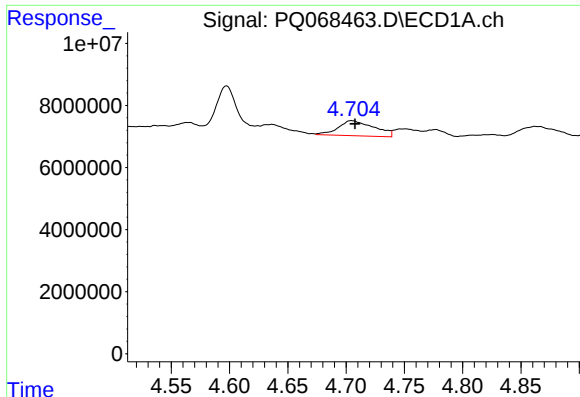
#18 AR-1242-3

R.T.: 4.624 min
Delta R.T.: 0.009 min
Response: 619298
Conc: 3.60 ng/ml



#18 AR-1242-3

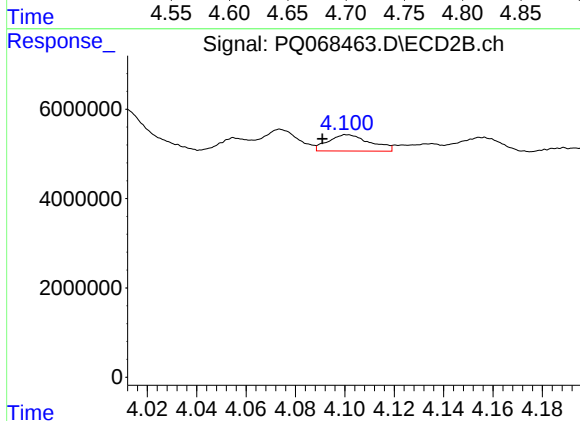
R.T.: 4.010 min
Delta R.T.: 0.005 min
Response: 12929973
Conc: 87.86 ng/ml



#19 AR-1242-4

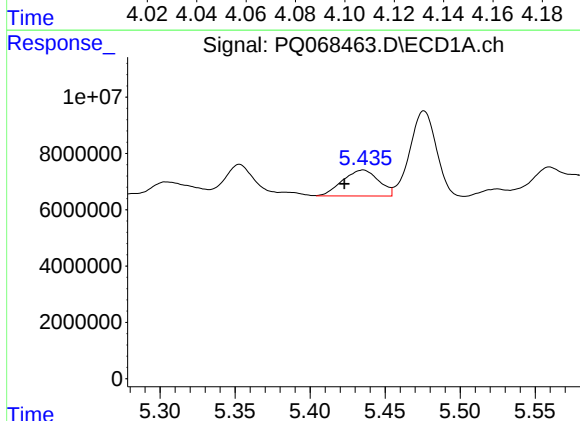
R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 10389316
Conc: 73.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



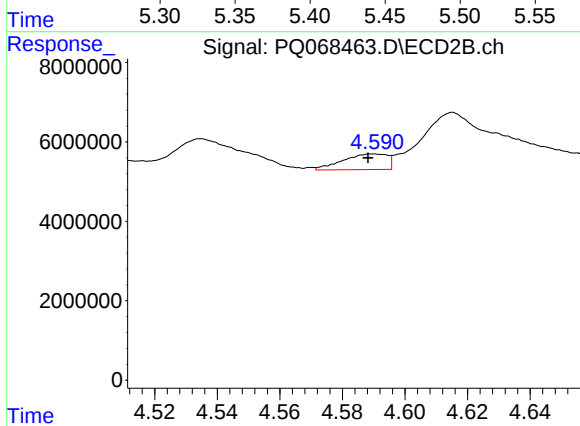
#19 AR-1242-4

R.T.: 4.100 min
Delta R.T.: 0.009 min
Response: 4314649
Conc: 30.93 ng/ml



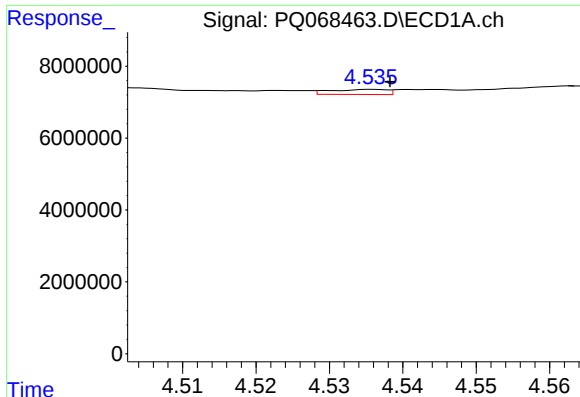
#20 AR-1242-5

R.T.: 5.436 min
Delta R.T.: 0.013 min
Response: 15487129
Conc: 107.46 ng/ml



#20 AR-1242-5

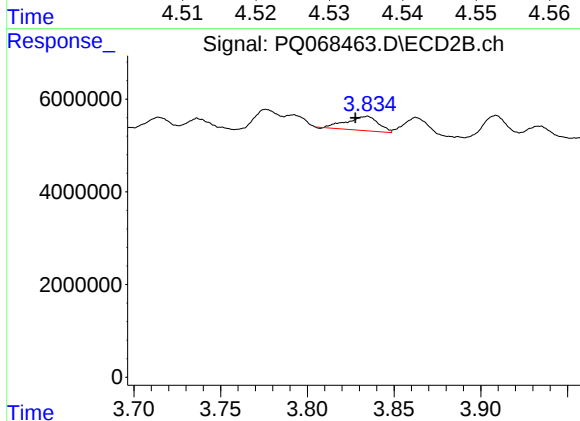
R.T.: 4.591 min
Delta R.T.: 0.002 min
Response: 3897598
Conc: 20.74 ng/ml



#21 AR-1248-1

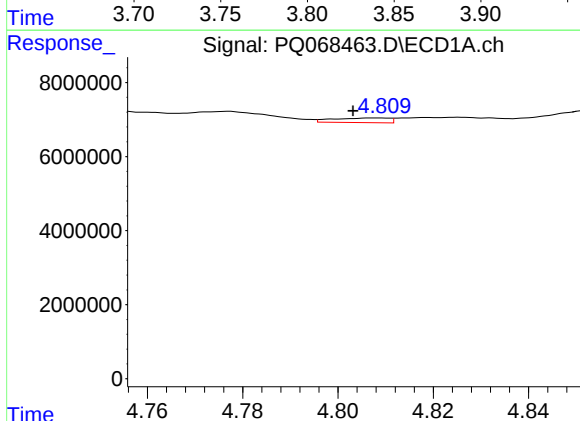
R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 748787
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



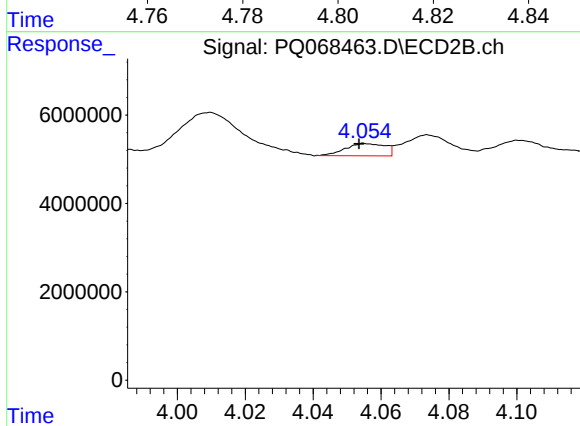
#21 AR-1248-1

R.T.: 3.835 min
Delta R.T.: 0.007 min
Response: 3906987
Conc: 27.35 ng/ml



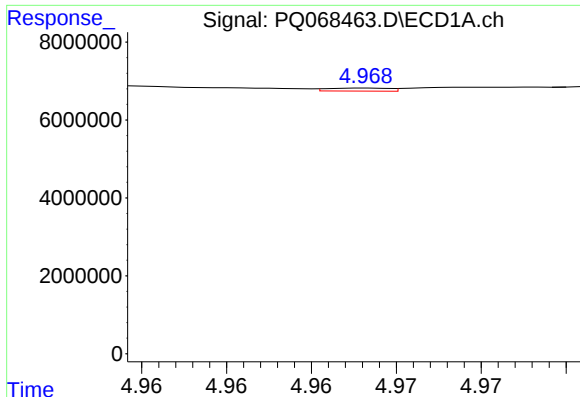
#22 AR-1248-2

R.T.: 4.809 min
Delta R.T.: 0.006 min
Response: 1022146
Conc: 5.25 ng/ml



#22 AR-1248-2

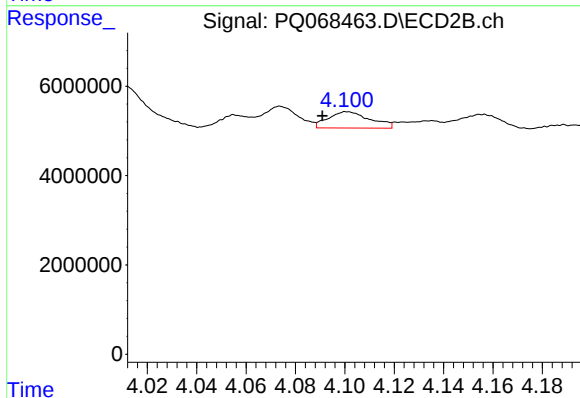
R.T.: 4.055 min
Delta R.T.: 0.002 min
Response: 2258377
Conc: 10.49 ng/ml



#23 AR-1248-3

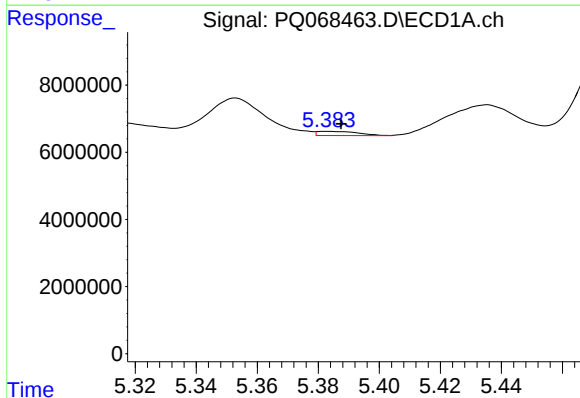
R.T.: 4.968 min
Delta R.T.: -0.026 min
Response: 192916
Conc: 0.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



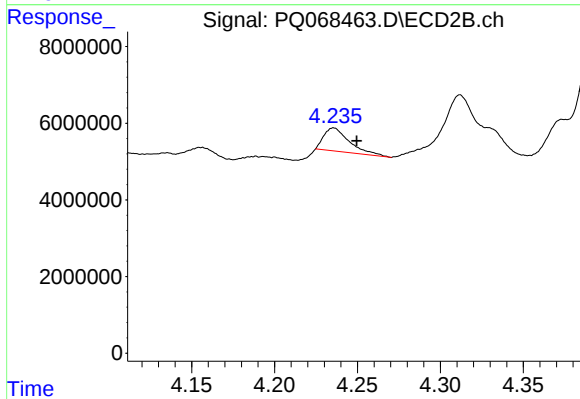
#23 AR-1248-3

R.T.: 4.100 min
Delta R.T.: 0.009 min
Response: 4314649
Conc: 20.79 ng/ml



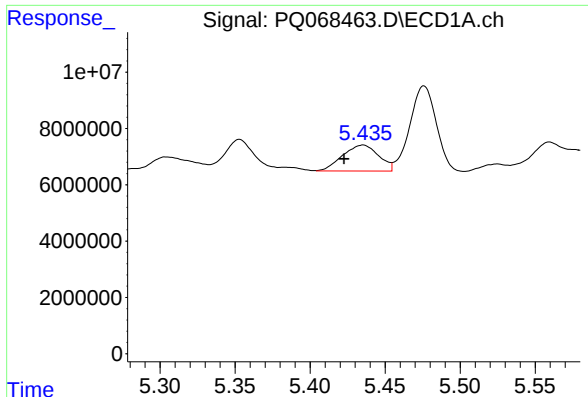
#24 AR-1248-4

R.T.: 5.383 min
Delta R.T.: -0.004 min
Response: 1186878
Conc: 4.60 ng/ml



#24 AR-1248-4

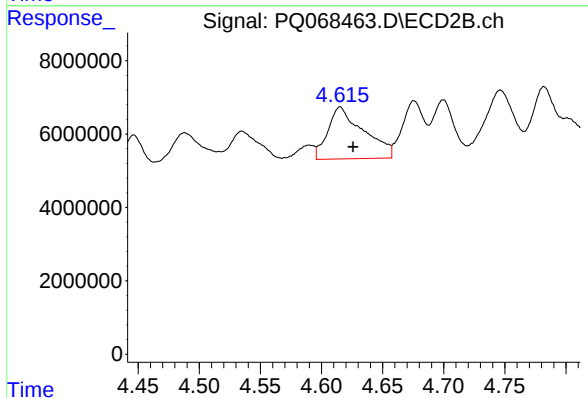
R.T.: 4.236 min
Delta R.T.: -0.014 min
Response: 6541252
Conc: 25.60 ng/ml



#25 AR-1248-5

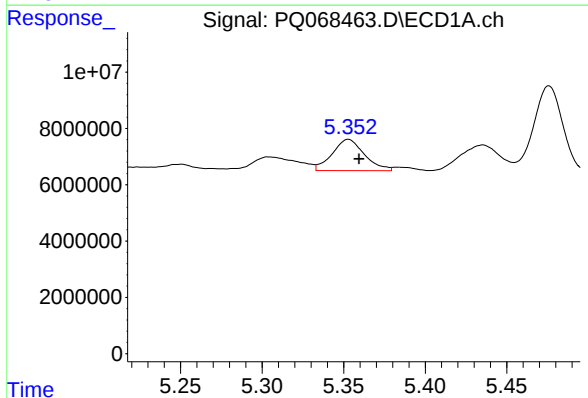
R.T.: 5.436 min
Delta R.T.: 0.013 min
Response: 15487129
Conc: 61.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



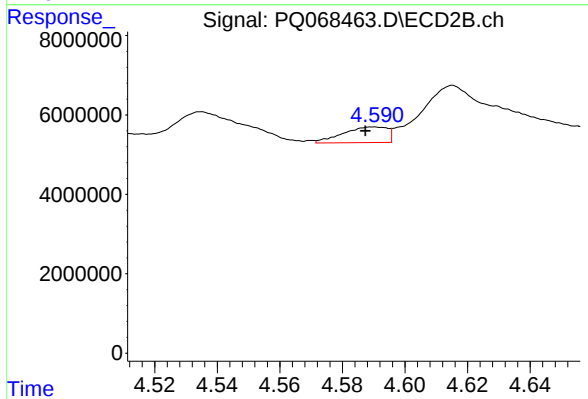
#25 AR-1248-5

R.T.: 4.615 min
Delta R.T.: -0.011 min
Response: 28946194
Conc: 113.36 ng/ml



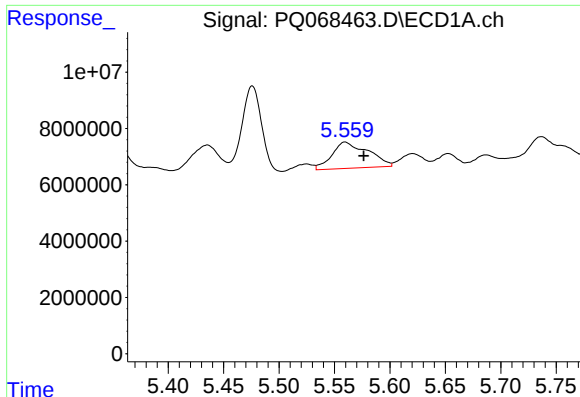
#26 AR-1254-1

R.T.: 5.353 min
Delta R.T.: -0.007 min
Response: 15273857
Conc: 59.62 ng/ml



#26 AR-1254-1

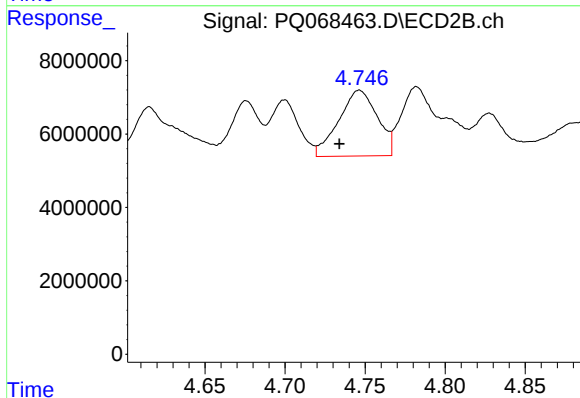
R.T.: 4.591 min
Delta R.T.: 0.003 min
Response: 3897598
Conc: 10.47 ng/ml



#27 AR-1254-2

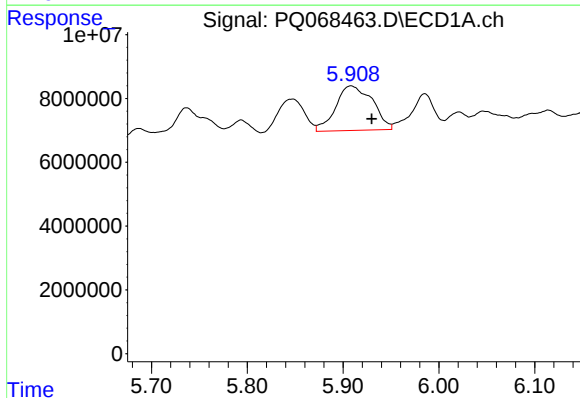
R.T.: 5.559 min
Delta R.T.: -0.017 min
Response: 21212842
Conc: 54.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



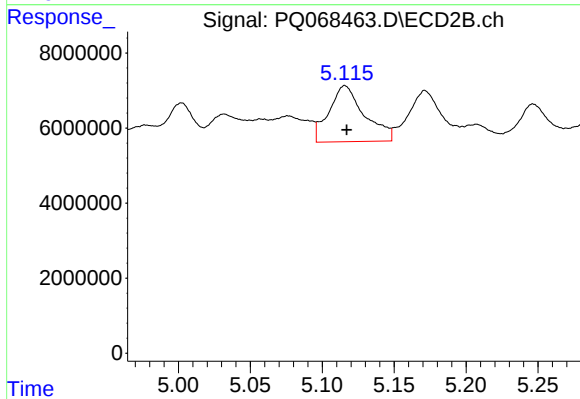
#27 AR-1254-2

R.T.: 4.746 min
Delta R.T.: 0.012 min
Response: 30150944
Conc: 90.41 ng/ml



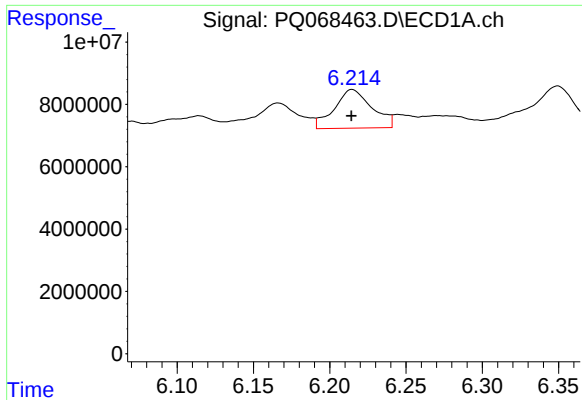
#28 AR-1254-3

R.T.: 5.908 min
Delta R.T.: -0.022 min
Response: 37204401
Conc: 91.49 ng/ml



#28 AR-1254-3

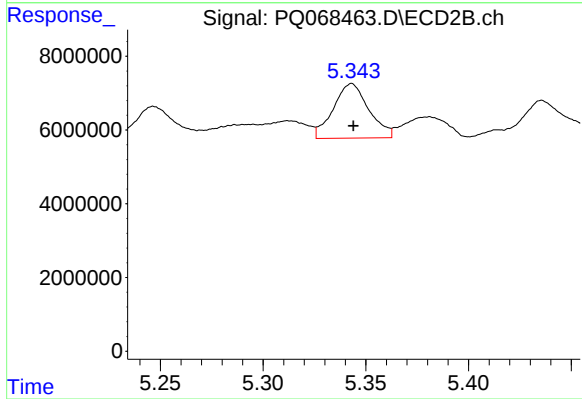
R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 25679796
Conc: 49.98 ng/ml



#29 AR-1254-4

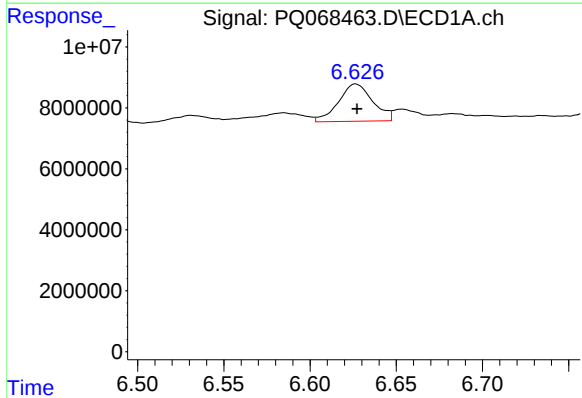
R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 21299536
Conc: 73.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



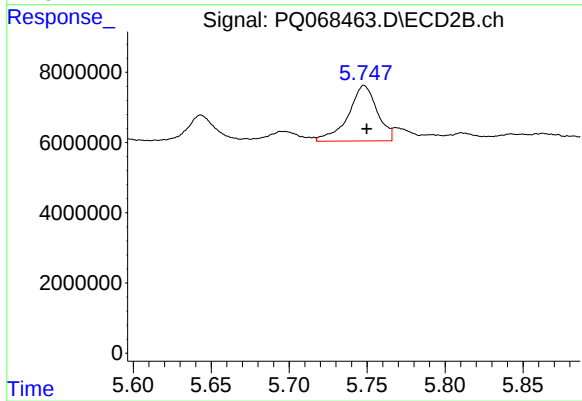
#29 AR-1254-4

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 17804693
Conc: 56.66 ng/ml



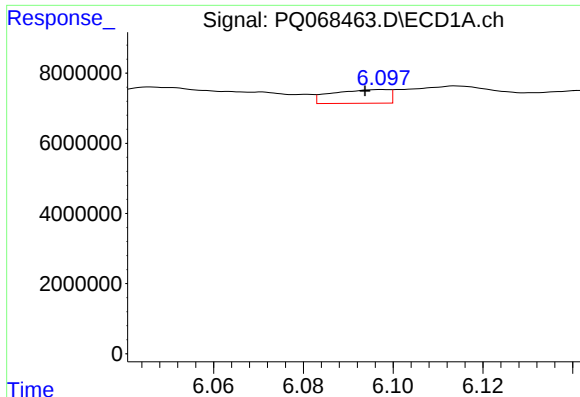
#30 AR-1254-5

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 16906659
Conc: 51.71 ng/ml



#30 AR-1254-5

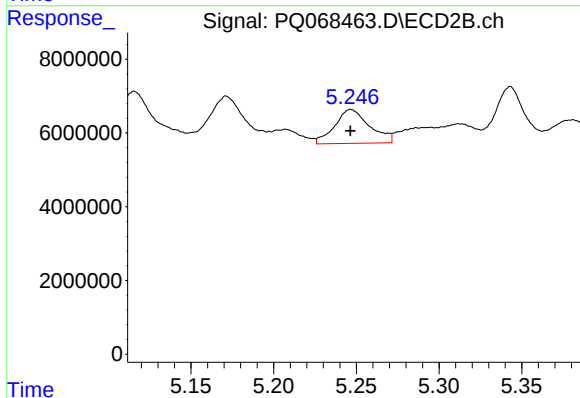
R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 20386333
Conc: 42.69 ng/ml



#31 AR-1260-1

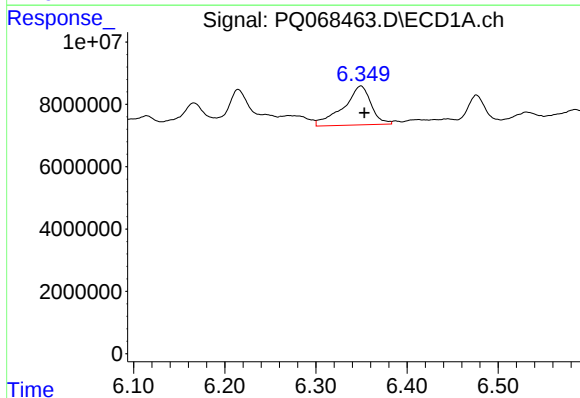
R.T.: 6.098 min
Delta R.T.: 0.004 min
Response: 3435561
Conc: 10.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



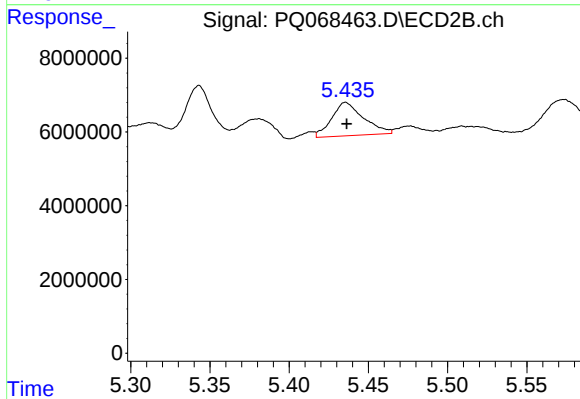
#31 AR-1260-1

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 13531271
Conc: 35.24 ng/ml



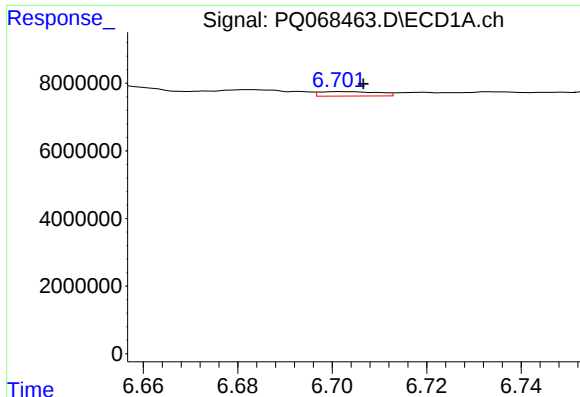
#32 AR-1260-2

R.T.: 6.349 min
Delta R.T.: -0.004 min
Response: 26484152
Conc: 70.66 ng/ml



#32 AR-1260-2

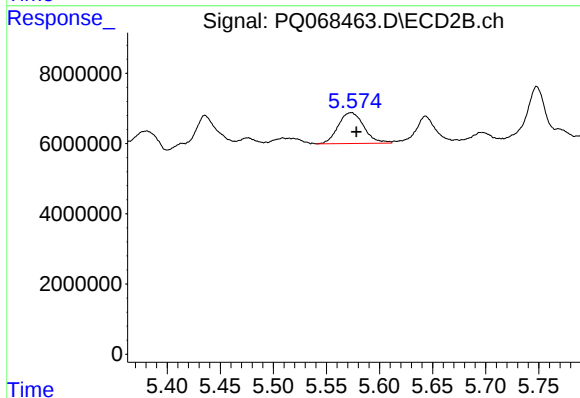
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 12642489
Conc: 27.74 ng/ml



#33 AR-1260-3

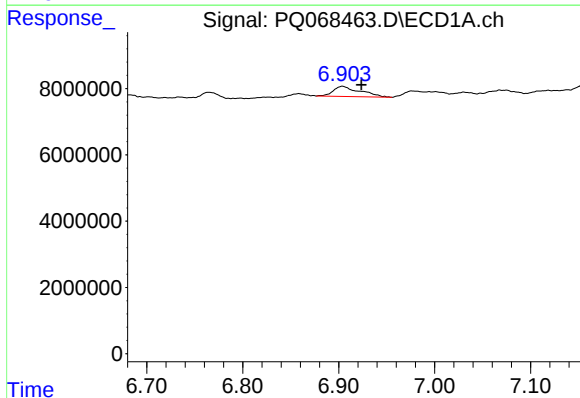
R.T.: 6.702 min
Delta R.T.: -0.005 min
Response: 1137690
Conc: 4.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



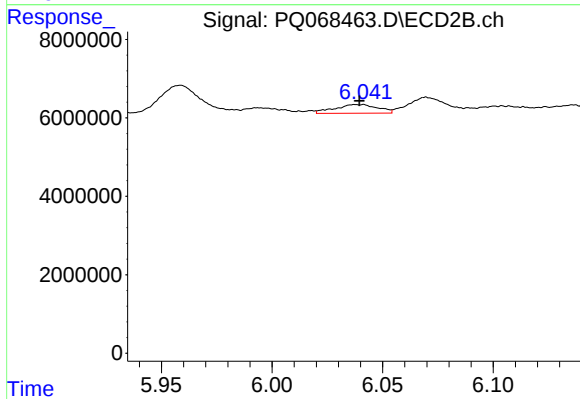
#33 AR-1260-3

R.T.: 5.574 min
Delta R.T.: -0.005 min
Response: 14855614
Conc: 34.09 ng/ml



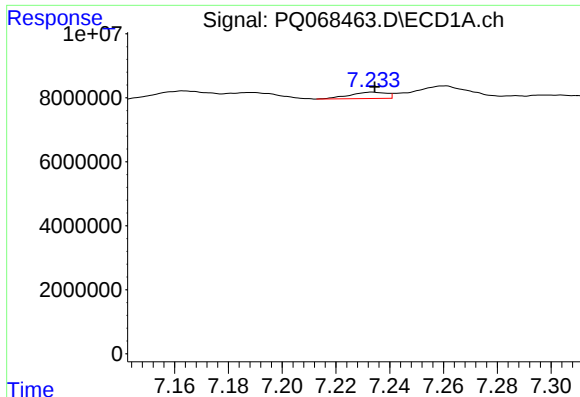
#34 AR-1260-4

R.T.: 6.904 min
Delta R.T.: -0.020 min
Response: 5992565
Conc: 21.63 ng/ml



#34 AR-1260-4

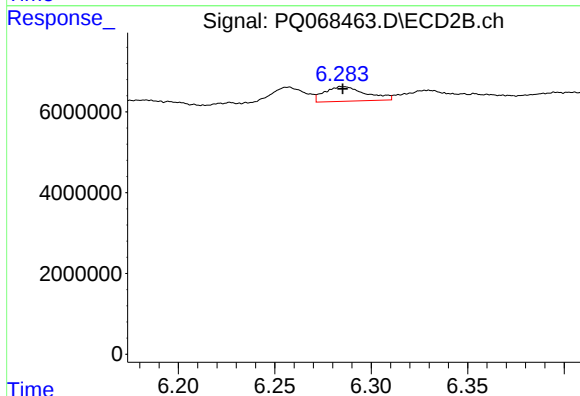
R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 2980505
Conc: 9.28 ng/ml



#35 AR-1260-5

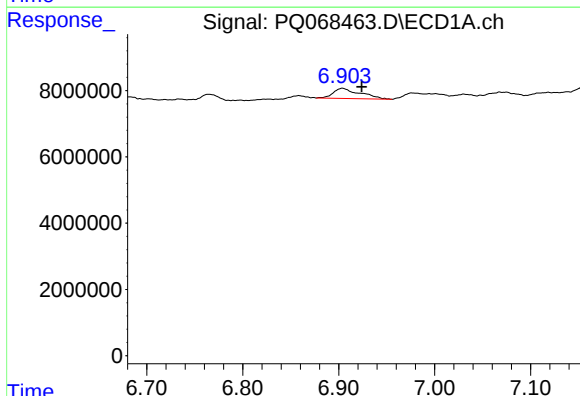
R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 1886958
Conc: 3.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



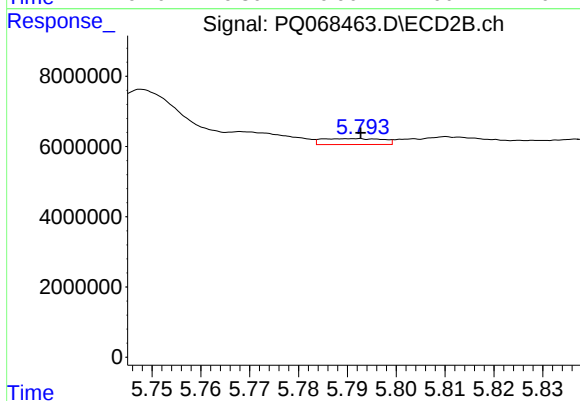
#35 AR-1260-5

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 5357730
Conc: 7.35 ng/ml



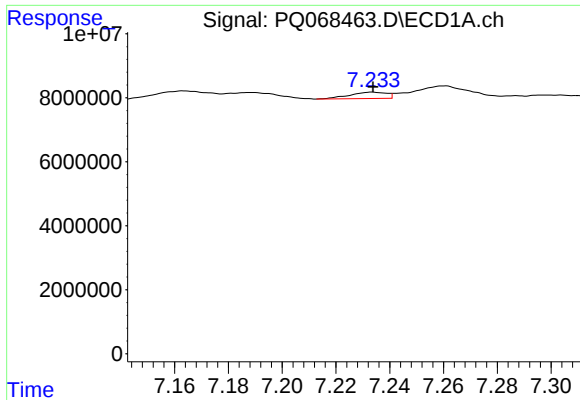
#36 AR-1262-1

R.T.: 6.904 min
Delta R.T.: -0.020 min
Response: 5992565
Conc: 16.95 ng/ml



#36 AR-1262-1

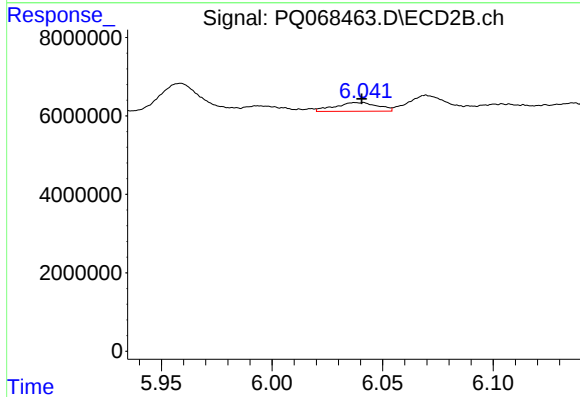
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 1453724
Conc: 3.00 ng/ml



#37 AR-1262-2

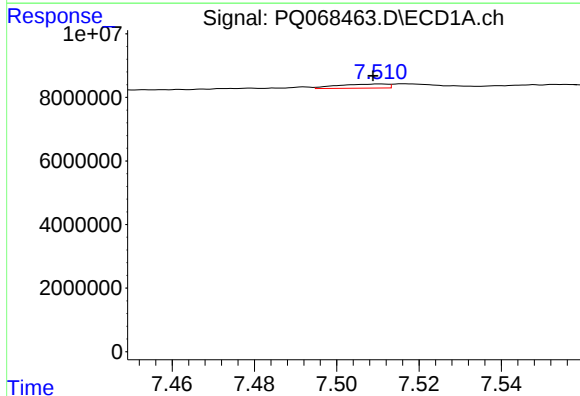
R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 1886958
Conc: 2.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



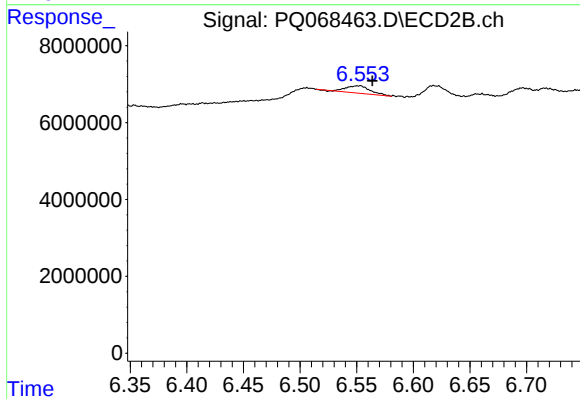
#37 AR-1262-2

R.T.: 6.038 min
Delta R.T.: -0.003 min
Response: 2980505
Conc: 6.69 ng/ml



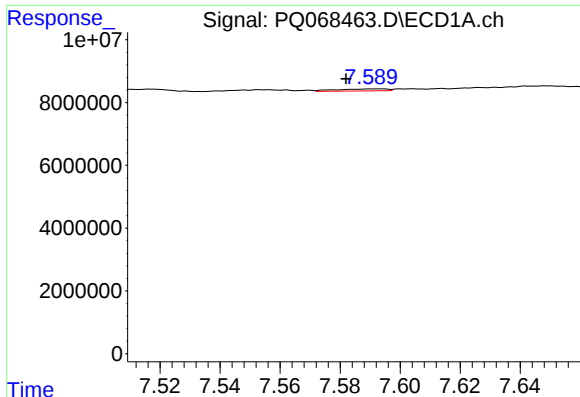
#38 AR-1262-3

R.T.: 7.511 min
Delta R.T.: 0.002 min
Response: 1111497
Conc: 2.59 ng/ml



#38 AR-1262-3

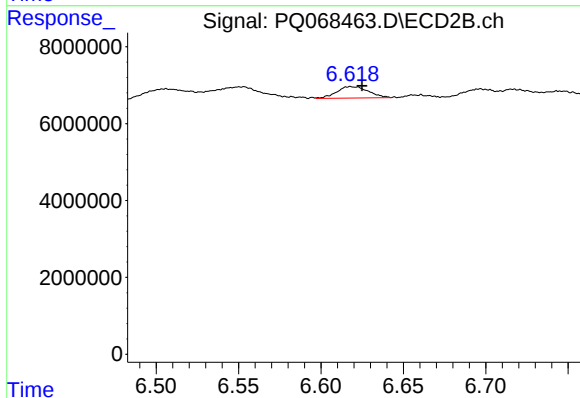
R.T.: 6.553 min
Delta R.T.: -0.010 min
Response: 2847693
Conc: 8.04 ng/ml



#39 AR-1262-4

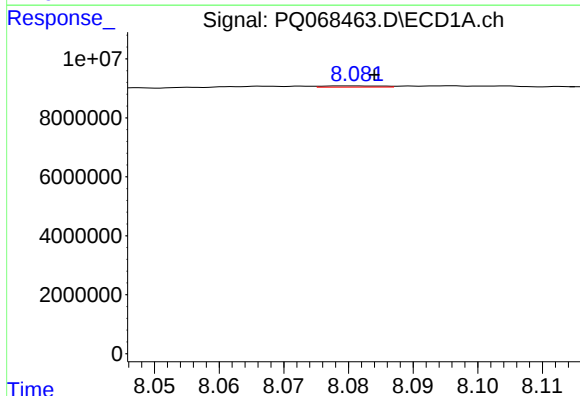
R.T.: 7.594 min
Delta R.T.: 0.012 min
Response: 729747
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



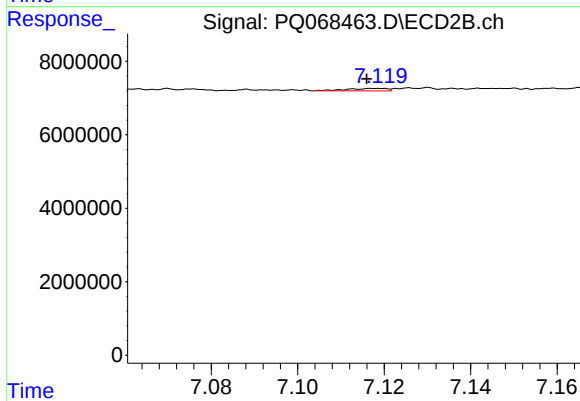
#39 AR-1262-4

R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 3938571
Conc: 5.95 ng/ml



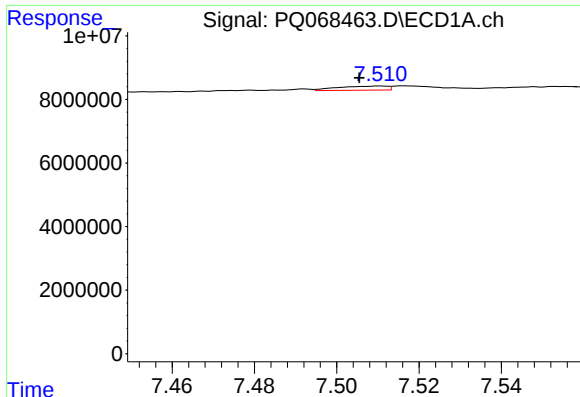
#40 AR-1262-5

R.T.: 8.081 min
Delta R.T.: -0.003 min
Response: 261575
Conc: 1.24 ng/ml



#40 AR-1262-5

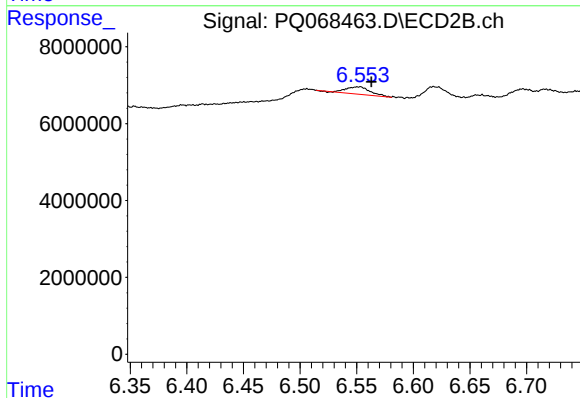
R.T.: 7.119 min
Delta R.T.: 0.003 min
Response: 435779
Conc: 1.42 ng/ml



#41 AR-1268-1

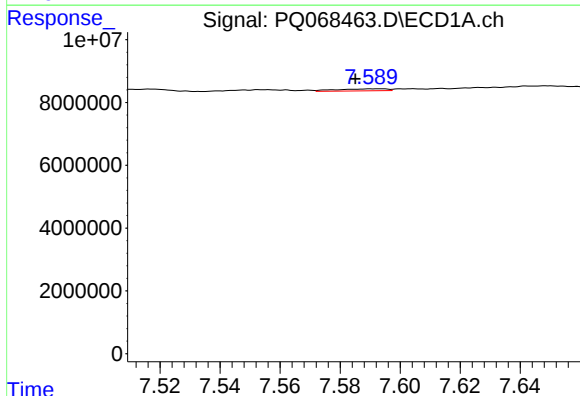
R.T.: 7.511 min
Delta R.T.: 0.005 min
Response: 1111497
Conc: 1.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



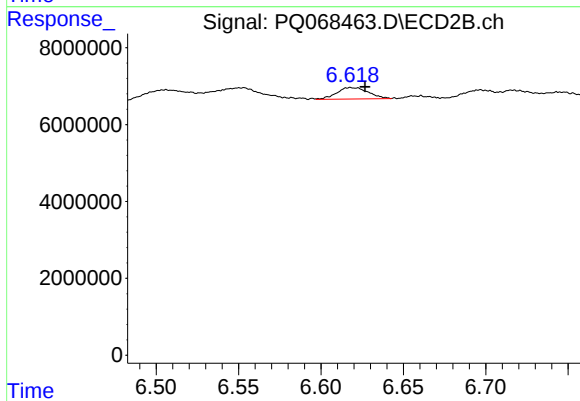
#41 AR-1268-1

R.T.: 6.553 min
Delta R.T.: -0.010 min
Response: 2847693
Conc: 2.80 ng/ml



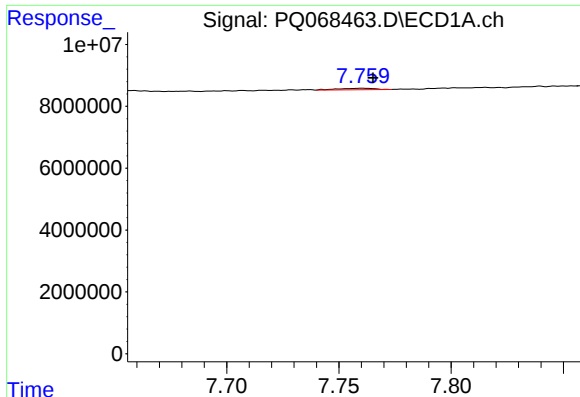
#42 AR-1268-2

R.T.: 7.594 min
Delta R.T.: 0.009 min
Response: 729747
Conc: 1.11 ng/ml



#42 AR-1268-2

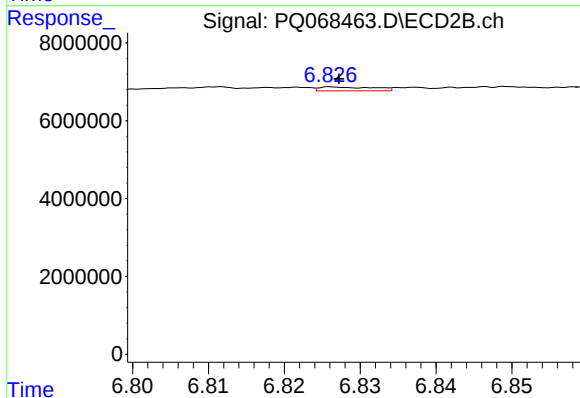
R.T.: 6.618 min
Delta R.T.: -0.009 min
Response: 3938571
Conc: 4.34 ng/ml



#43 AR-1268-3

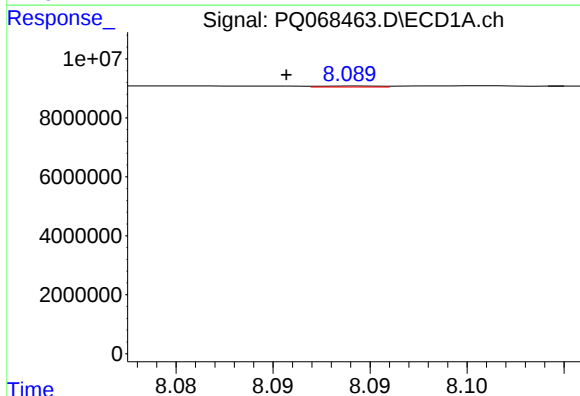
R.T.: 7.760 min
Delta R.T.: -0.005 min
Response: 542567
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



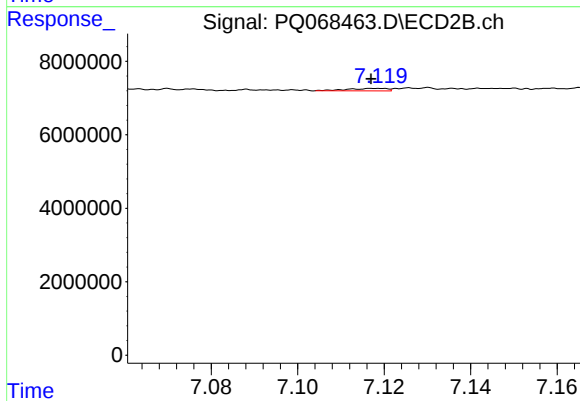
#43 AR-1268-3

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 506599
Conc: 0.64 ng/ml



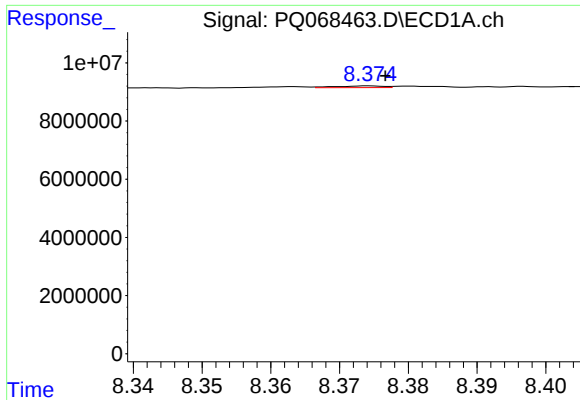
#44 AR-1268-4

R.T.: 8.089 min
Delta R.T.: 0.003 min
Response: 80949
Conc: 0.38 ng/ml



#44 AR-1268-4

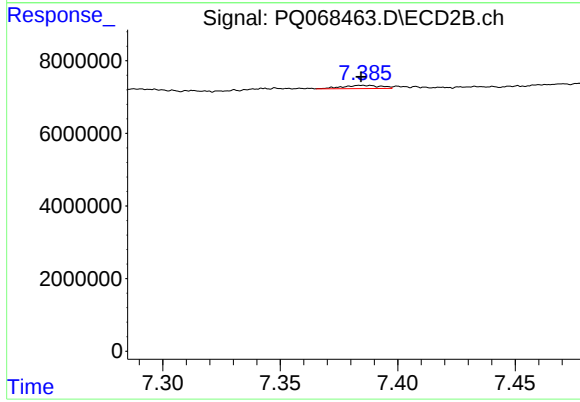
R.T.: 7.119 min
Delta R.T.: 0.002 min
Response: 435779
Conc: 1.38 ng/ml



#45 AR-1268-5

R.T.: 8.374 min
Delta R.T.: -0.002 min
Response: 278724
Conc: 0.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
3



#45 AR-1268-5

R.T.: 7.389 min
Delta R.T.: 0.004 min
Response: 1017319
Conc: 0.43 ng/ml