

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050322\
 Data File : PQ057345.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2022 20:05
 Operator : YP\AJ
 Sample : N2562-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 01:11:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 26 08:09:43 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...	4.523	3.740	602.5E6	275.7E6	28.688	23.169
2)	SA Decachlor...	10.287	8.665	945.1E6	418.2E6	45.977	40.578
Target Compounds							
3)	L1 AR-1016-1	5.706	4.809	5696448	1467733	11.680	4.139 #
4)	L1 AR-1016-2	5.716	4.827	2136018	209665	2.256	0.337 #
5)	L1 AR-1016-3	5.805	4.988	19675800	3232577	31.204	11.350 #
6)	L1 AR-1016-4	5.885	5.041	5915698	1606435	11.922	6.936 #
7)	L1 AR-1016-5	6.179	5.236	13827567	27030769	31.878	91.211 #
8)	L2 AR-1221-1	4.754	3.989f	318.7E6	40298	1412.659	0.315 #
9)	L2 AR-1221-2	4.833	4.023	31730034	54357678	200.656	602.618 #
10)	L2 AR-1221-3	4.917	4.115	9003973	1534984	16.448	4.891 #
11)	L3 AR-1232-1	4.917	4.115	9003973	1534984	17.027	5.054 #
12)	L3 AR-1232-2	5.440	4.827	3876016	209665	13.360	0.667 #
13)	L3 AR-1232-3	5.716	4.988	2136018	3232577	4.004	23.371 #
14)	L3 AR-1232-4	5.885	5.072	5915698	1074058	20.772	8.369 #
15)	L3 AR-1232-5	5.957	5.236	8627596	27030769	43.343	181.120 #
16)	L4 AR-1242-1	5.706	4.809	5696448	1467733	14.112	4.950 #
17)	L4 AR-1242-2	5.716	4.827	2136018	209665	2.636	0.395 #
18)	L4 AR-1242-3	5.805	4.988	19675800	3232577	37.139	13.455 #
19)	L4 AR-1242-4	5.885	5.072	5915698	1074058	14.061	4.495 #
20)	L4 AR-1242-5	6.609	5.618	150.5E6	112.3E6	359.301	355.198
21)	L5 AR-1248-1	5.706	4.809	5696448	1467733	17.742	6.157 #
22)	L5 AR-1248-2	5.957	5.041	8627596	1606435	16.448	4.489 #
23)	L5 AR-1248-3	6.179	5.072	13827567	1074058	21.800	2.838 #
24)	L5 AR-1248-4	6.560	5.236	333.0E6	27030769	485.462	59.282 #
25)	L5 AR-1248-5	6.609	5.618	150.5E6	112.3E6	204.381	234.709
26)	L6 AR-1254-1	6.560	5.618	333.0E6	112.3E6	515.838	155.291 #
27)	L6 AR-1254-2	6.757	5.746	254.8E6	36969092	252.816	60.368 #
28)	L6 AR-1254-3	7.132	6.148	189.8E6	2033184	158.020	1.990 #
29)	L6 AR-1254-4	7.391	6.359	107.8E6	3308077	130.500	4.378 #
30)	L6 AR-1254-5	7.835	6.766	236.5E6	3661150	264.284	4.050 #
31)	L7 AR-1260-1	7.290	6.261	113.5E6	839374	165.919	1.532 #
32)	L7 AR-1260-2	7.554	6.431	195.0E6	16697419	240.760	24.763 #
33)	L7 AR-1260-3	7.835	6.598	236.5E6	1743092	242.951	2.742 #
34)	L7 AR-1260-4	8.085f	7.059	92048626	961555	118.221	1.817 #
35)	L7 AR-1260-5	8.508f	7.296	41581179	4039810	25.811	3.070 #
36)	L8 AR-1262-1	7.965f	6.766	117.0E6	3661150	115.112	7.957 #
37)	L8 AR-1262-2	8.508f	7.296	41581179	4039810	20.152	2.330 #
38)	L8 AR-1262-3	8.773	7.582	4171580	4864856	4.529	7.075 #
39)	L8 AR-1262-4	8.879	7.640	5540764	1254251	6.724	0.992 #
40)	L8 AR-1262-5	9.584f	8.137	1079618	230069	1.271	0.417 #
41)	L9 AR-1268-1	8.773	7.582	4171580	4864856	1.673	2.464 #

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 Acq On : 03 May 2022 20:05
 Operator : YP\AJ
 Sample : N2562-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

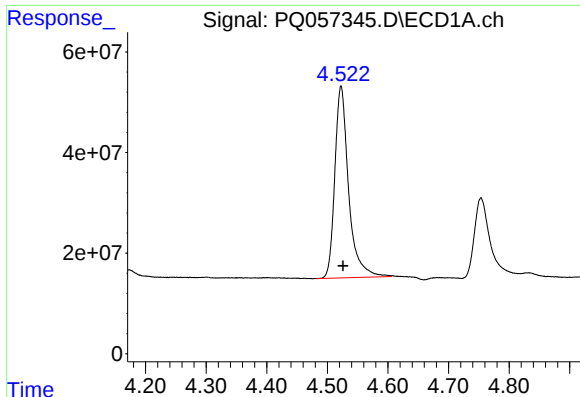
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 01:11:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.879	7.640	5540764	1254251	2.064	0.697 #
43) L9	AR-1268-3	9.097	7.842	3475387	1982885	1.517	1.408
44) L9	AR-1268-4	9.584f	8.137	1079618	230069	1.134	0.382 #
45) L9	AR-1268-5	9.958	8.416	2703250	2740976	0.326	0.578 #

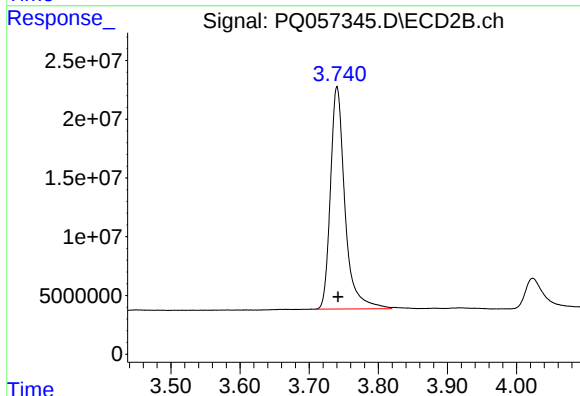
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

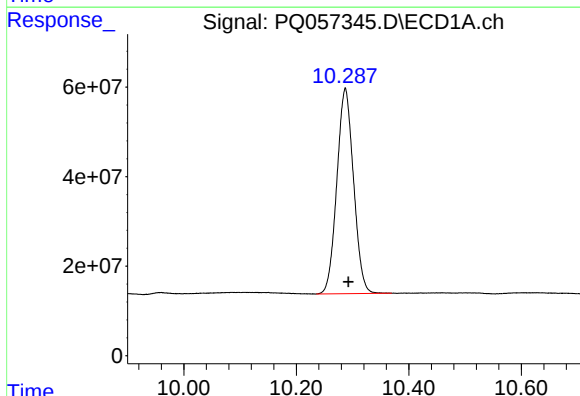
R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 602464317
Conc: 28.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



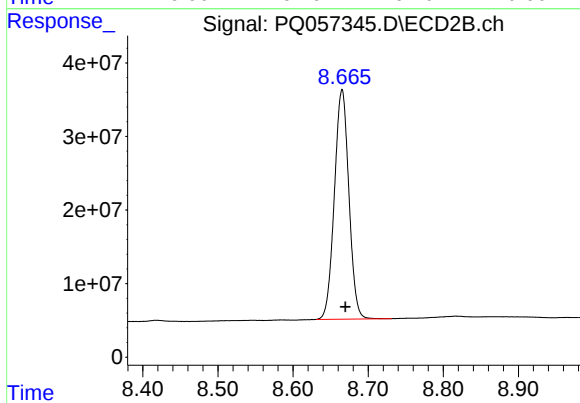
#1 Tetrachloro-m-xylene

R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 275730206
Conc: 23.17 ng/ml



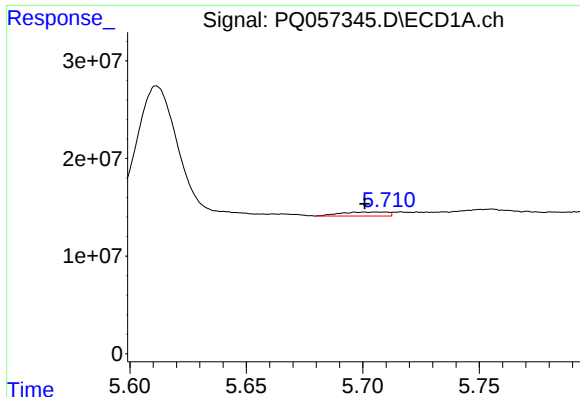
#2 Decachlorobiphenyl

R.T.: 10.287 min
Delta R.T.: -0.005 min
Response: 945050697
Conc: 45.98 ng/ml



#2 Decachlorobiphenyl

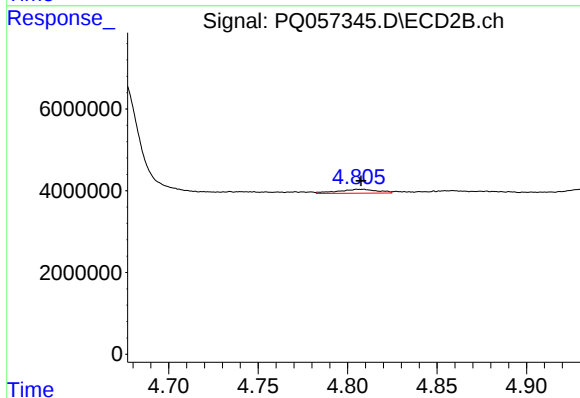
R.T.: 8.665 min
Delta R.T.: -0.004 min
Response: 418230163
Conc: 40.58 ng/ml



#3 AR-1016-1

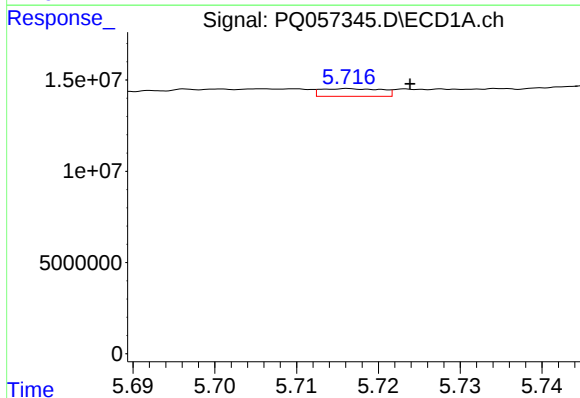
R.T.: 5.706 min
Delta R.T.: 0.005 min
Response: 5696448
Conc: 11.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



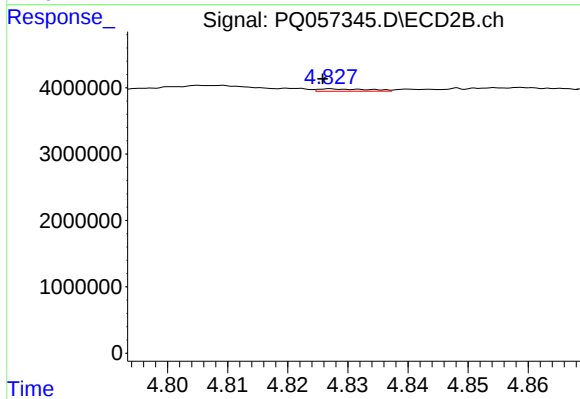
#3 AR-1016-1

R.T.: 4.809 min
Delta R.T.: 0.002 min
Response: 1467733
Conc: 4.14 ng/ml



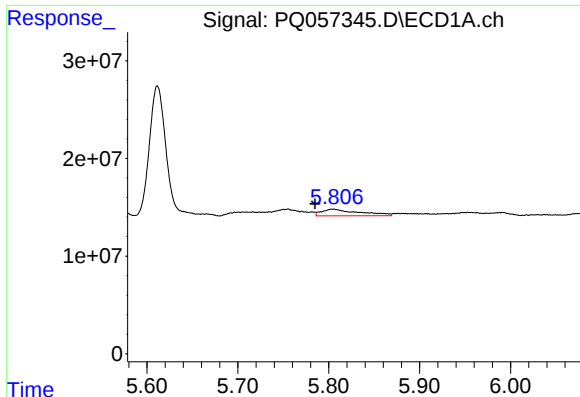
#4 AR-1016-2

R.T.: 5.716 min
Delta R.T.: -0.008 min
Response: 2136018
Conc: 2.26 ng/ml



#4 AR-1016-2

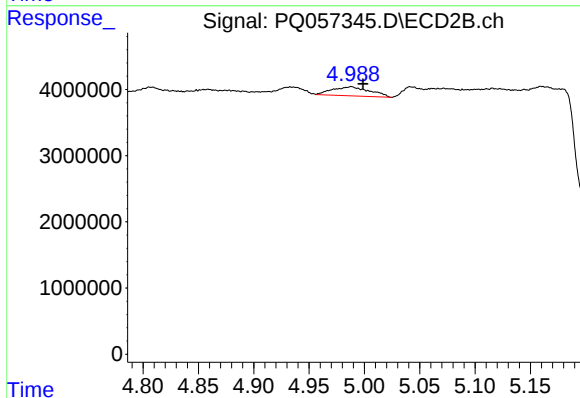
R.T.: 4.827 min
Delta R.T.: 0.001 min
Response: 209665
Conc: 0.34 ng/ml



#5 AR-1016-3

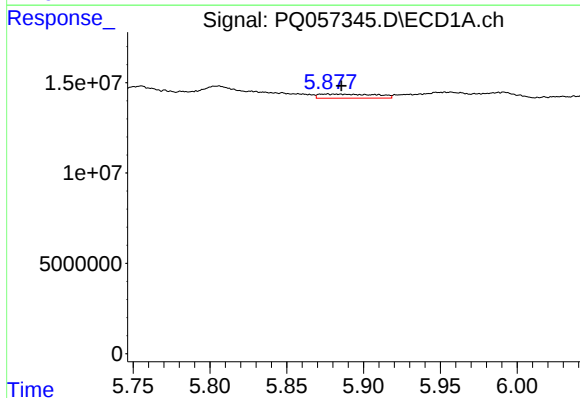
R.T.: 5.805 min
Delta R.T.: 0.020 min
Response: 19675800
Conc: 31.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



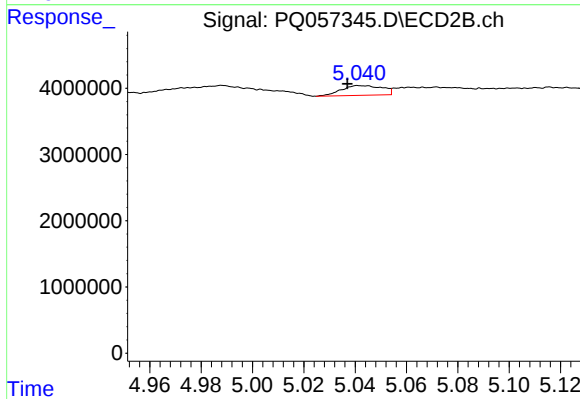
#5 AR-1016-3

R.T.: 4.988 min
Delta R.T.: -0.011 min
Response: 3232577
Conc: 11.35 ng/ml



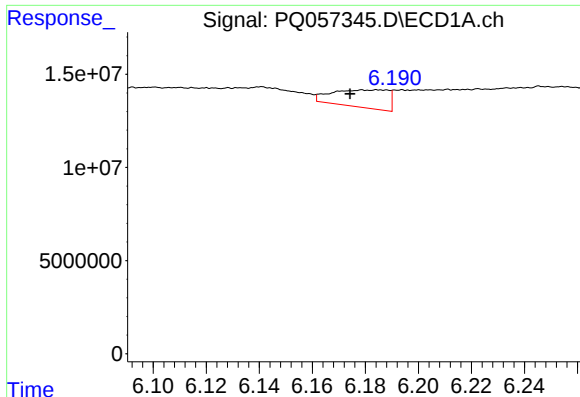
#6 AR-1016-4

R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 5915698
Conc: 11.92 ng/ml



#6 AR-1016-4

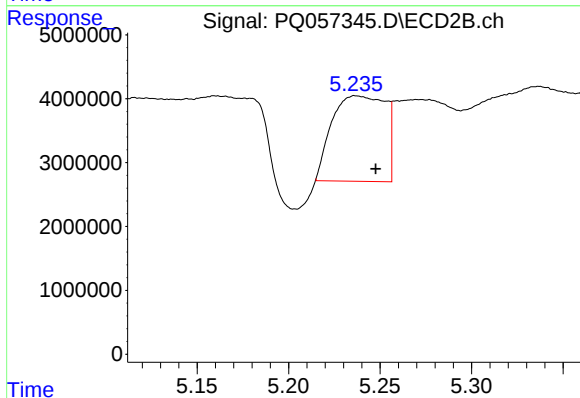
R.T.: 5.041 min
Delta R.T.: 0.004 min
Response: 1606435
Conc: 6.94 ng/ml



#7 AR-1016-5

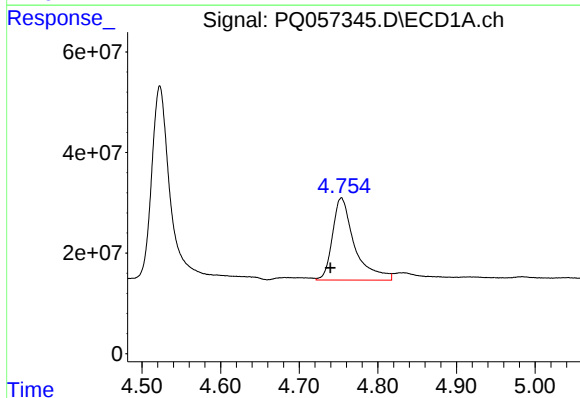
R.T.: 6.179 min
Delta R.T.: 0.005 min
Response: 13827567
Conc: 31.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



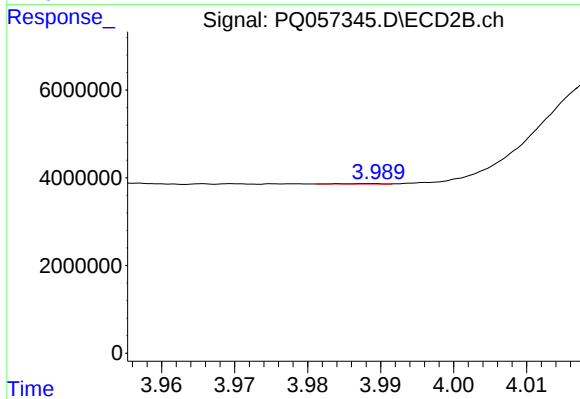
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.011 min
Response: 27030769
Conc: 91.21 ng/ml



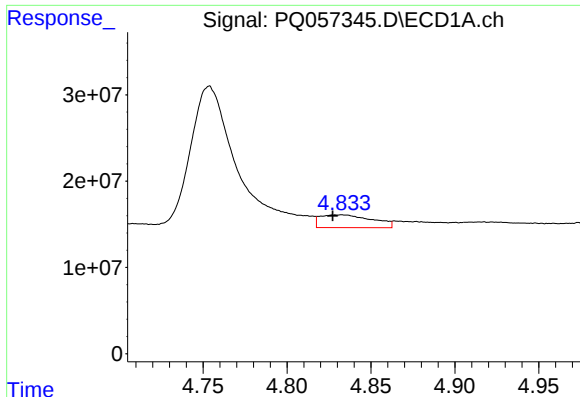
#8 AR-1221-1

R.T.: 4.754 min
Delta R.T.: 0.014 min
Response: 318738794
Conc: 1412.66 ng/ml



#8 AR-1221-1

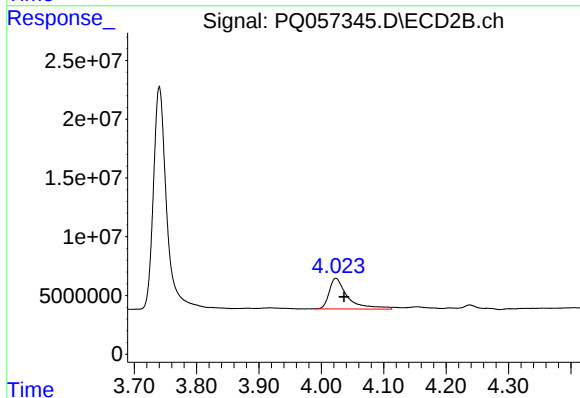
R.T.: 3.989 min
Delta R.T.: 0.037 min
Response: 40298
Conc: 0.32 ng/ml



#9 AR-1221-2

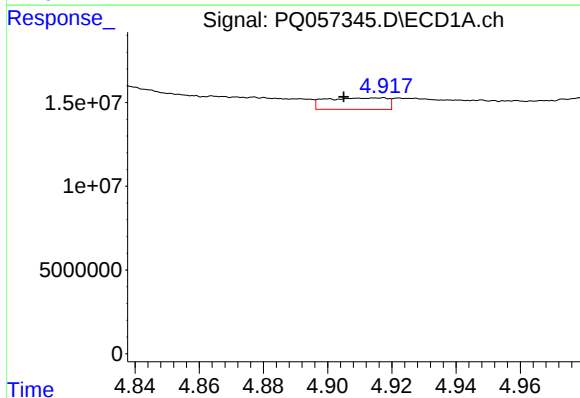
R.T.: 4.833 min
Delta R.T.: 0.005 min
Response: 31730034
Conc: 200.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



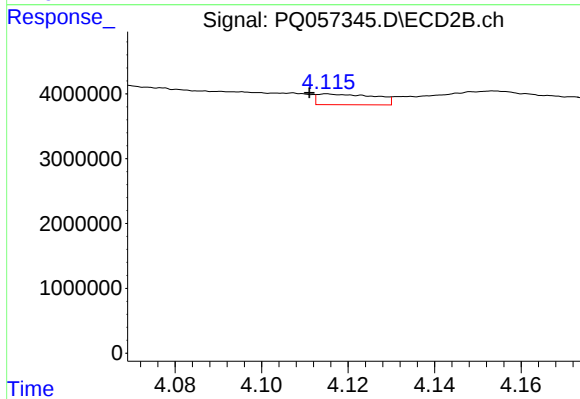
#9 AR-1221-2

R.T.: 4.023 min
Delta R.T.: -0.013 min
Response: 54357678
Conc: 602.62 ng/ml



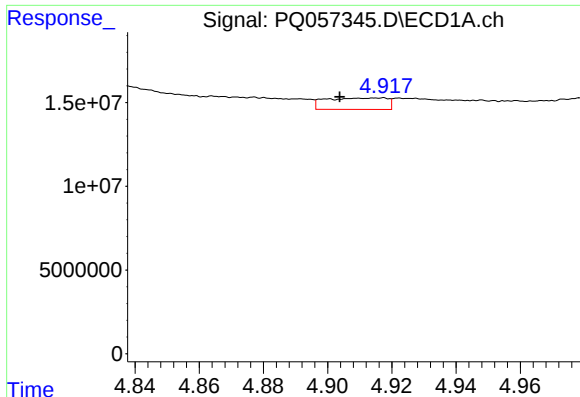
#10 AR-1221-3

R.T.: 4.917 min
Delta R.T.: 0.012 min
Response: 9003973
Conc: 16.45 ng/ml



#10 AR-1221-3

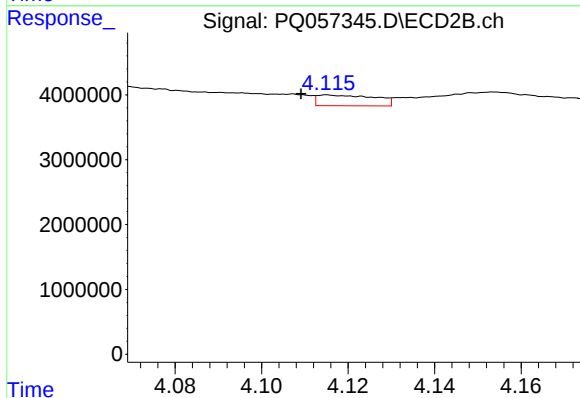
R.T.: 4.115 min
Delta R.T.: 0.004 min
Response: 1534984
Conc: 4.89 ng/ml



#11 AR-1232-1

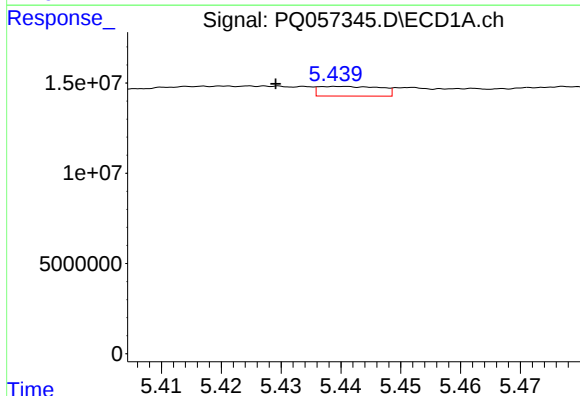
R.T.: 4.917 min
Delta R.T.: 0.014 min
Response: 9003973
Conc: 17.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



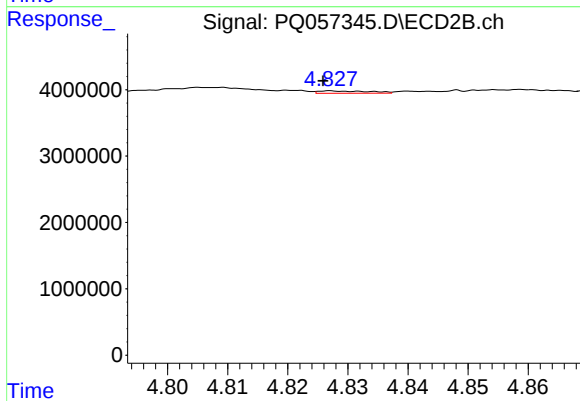
#11 AR-1232-1

R.T.: 4.115 min
Delta R.T.: 0.006 min
Response: 1534984
Conc: 5.05 ng/ml



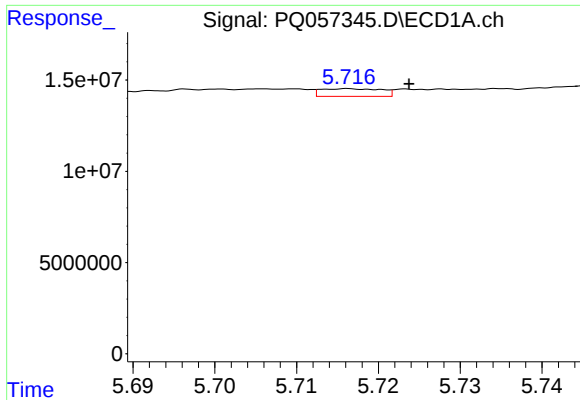
#12 AR-1232-2

R.T.: 5.440 min
Delta R.T.: 0.010 min
Response: 3876016
Conc: 13.36 ng/ml



#12 AR-1232-2

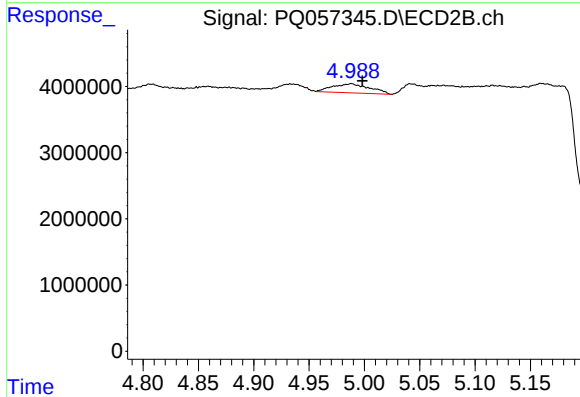
R.T.: 4.827 min
Delta R.T.: 0.001 min
Response: 209665
Conc: 0.67 ng/ml



#13 AR-1232-3

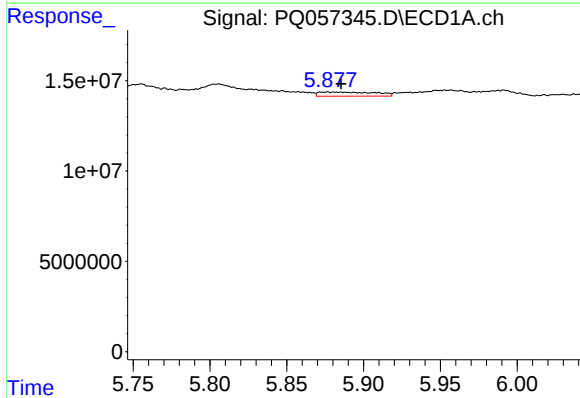
R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 2136018
Conc: 4.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



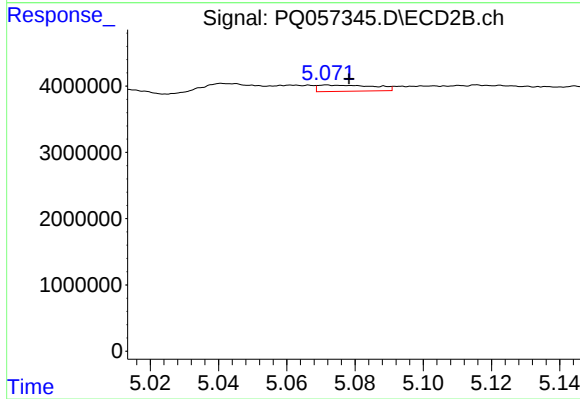
#13 AR-1232-3

R.T.: 4.988 min
Delta R.T.: -0.010 min
Response: 3232577
Conc: 23.37 ng/ml



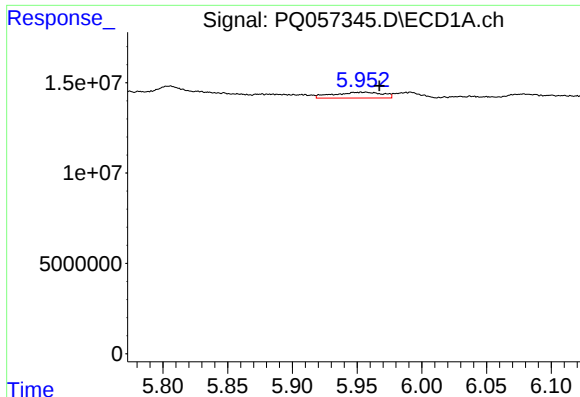
#14 AR-1232-4

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 5915698
Conc: 20.77 ng/ml



#14 AR-1232-4

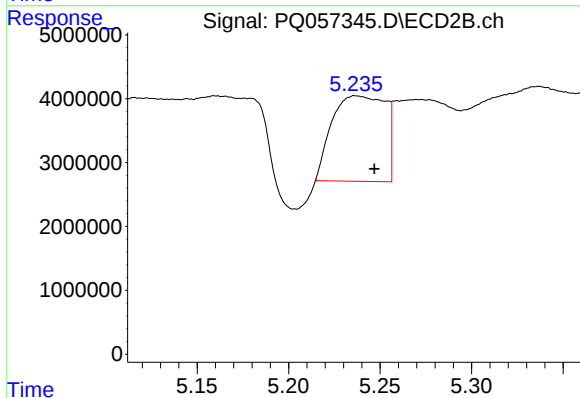
R.T.: 5.072 min
Delta R.T.: -0.007 min
Response: 1074058
Conc: 8.37 ng/ml



#15 AR-1232-5

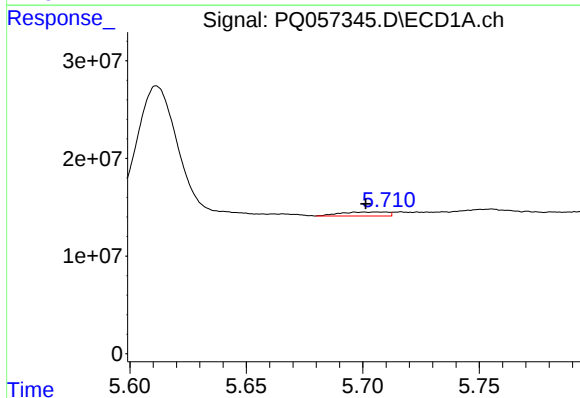
R.T.: 5.957 min
Delta R.T.: -0.011 min
Response: 8627596
Conc: 43.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



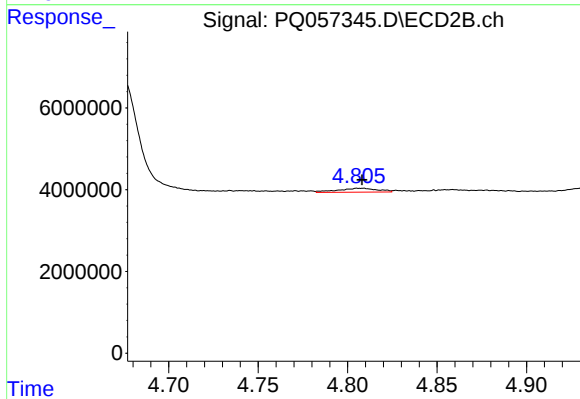
#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: -0.011 min
Response: 27030769
Conc: 181.12 ng/ml



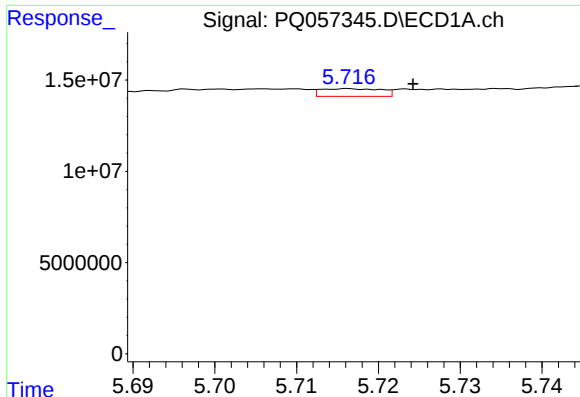
#16 AR-1242-1

R.T.: 5.706 min
Delta R.T.: 0.005 min
Response: 5696448
Conc: 14.11 ng/ml



#16 AR-1242-1

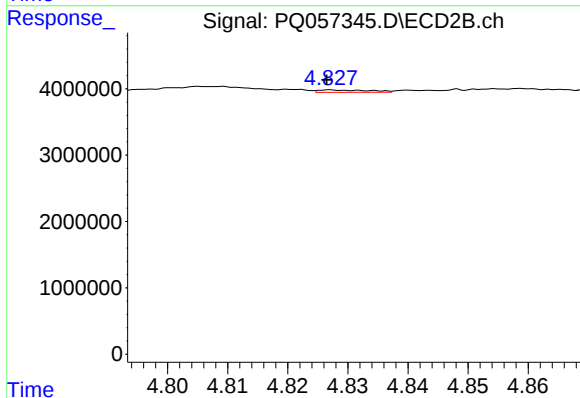
R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 1467733
Conc: 4.95 ng/ml



#17 AR-1242-2

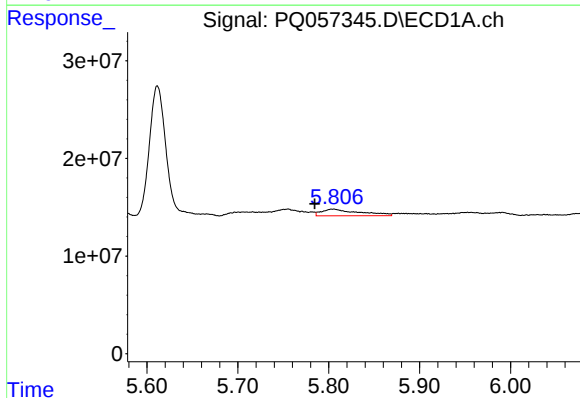
R.T.: 5.716 min
Delta R.T.: -0.008 min
Response: 2136018
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



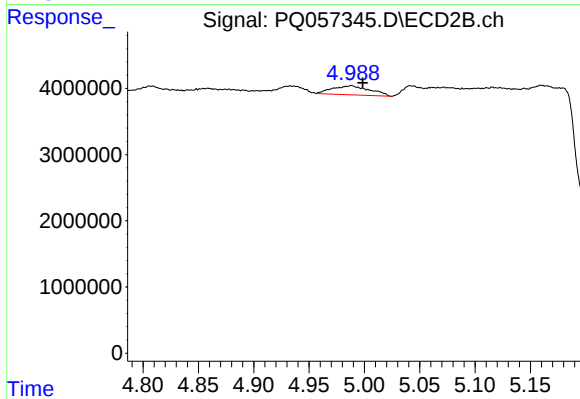
#17 AR-1242-2

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 209665
Conc: 0.39 ng/ml



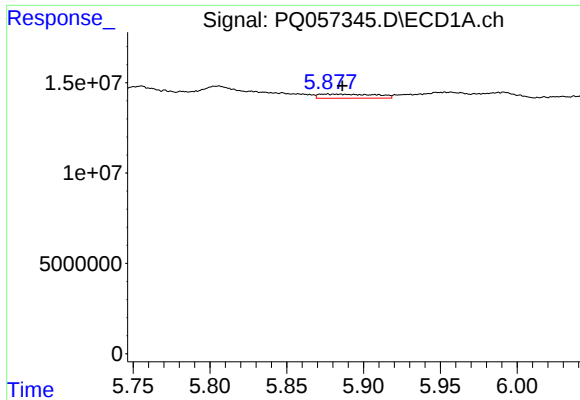
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.021 min
Response: 19675800
Conc: 37.14 ng/ml



#18 AR-1242-3

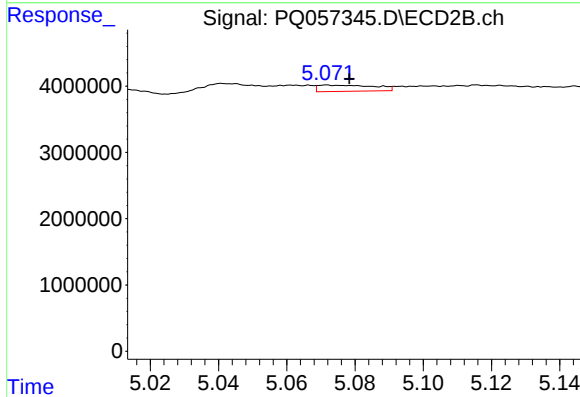
R.T.: 4.988 min
Delta R.T.: -0.010 min
Response: 3232577
Conc: 13.46 ng/ml



#19 AR-1242-4

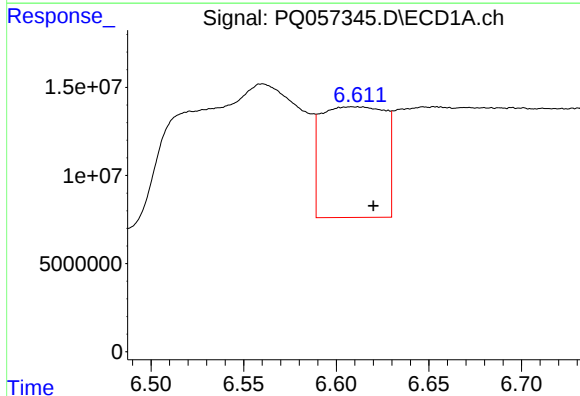
R.T.: 5.885 min
Delta R.T.: -0.002 min
Response: 5915698
Conc: 14.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



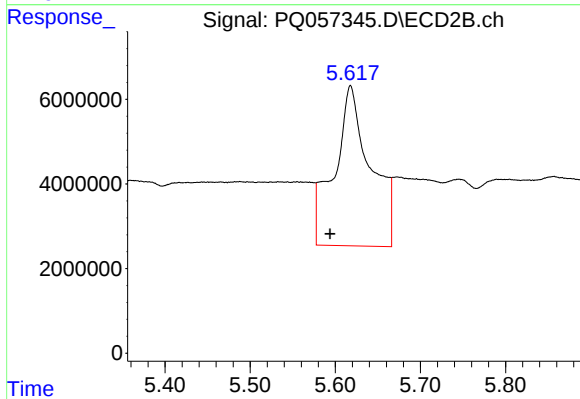
#19 AR-1242-4

R.T.: 5.072 min
Delta R.T.: -0.007 min
Response: 1074058
Conc: 4.50 ng/ml



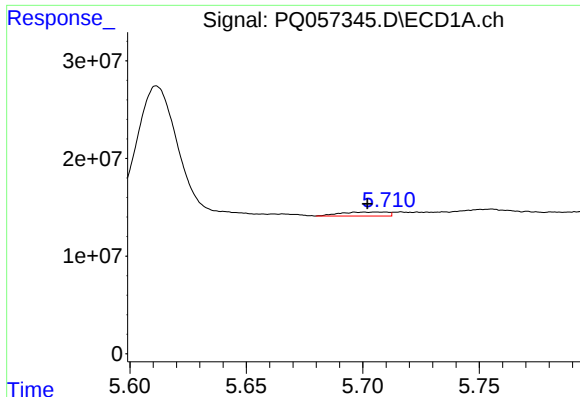
#20 AR-1242-5

R.T.: 6.609 min
Delta R.T.: -0.011 min
Response: 150481985
Conc: 359.30 ng/ml



#20 AR-1242-5

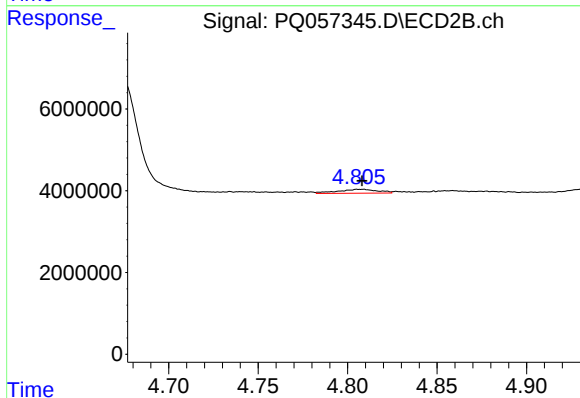
R.T.: 5.618 min
Delta R.T.: 0.024 min
Response: 112278952
Conc: 355.20 ng/ml



#21 AR-1248-1

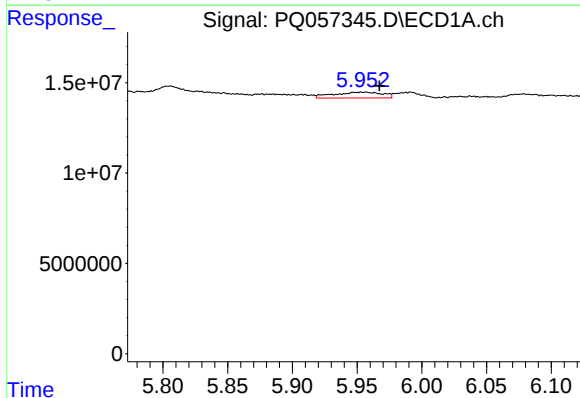
R.T.: 5.706 min
Delta R.T.: 0.004 min
Response: 5696448
Conc: 17.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



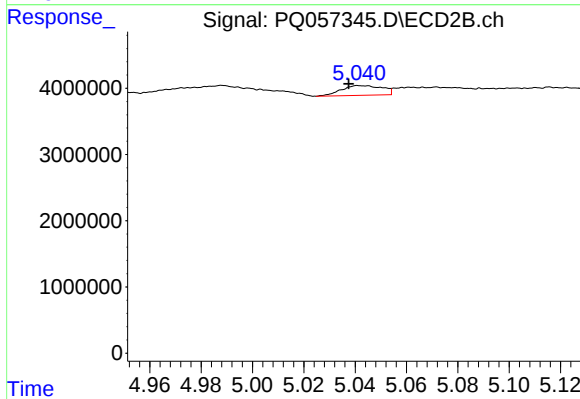
#21 AR-1248-1

R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 1467733
Conc: 6.16 ng/ml



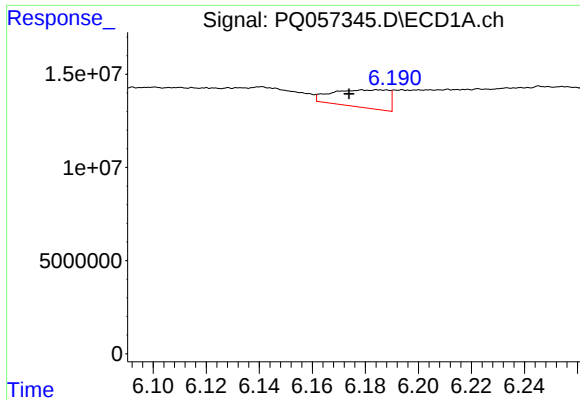
#22 AR-1248-2

R.T.: 5.957 min
Delta R.T.: -0.011 min
Response: 8627596
Conc: 16.45 ng/ml



#22 AR-1248-2

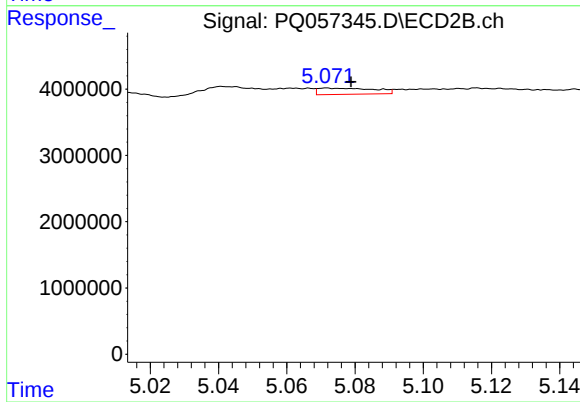
R.T.: 5.041 min
Delta R.T.: 0.004 min
Response: 1606435
Conc: 4.49 ng/ml



#23 AR-1248-3

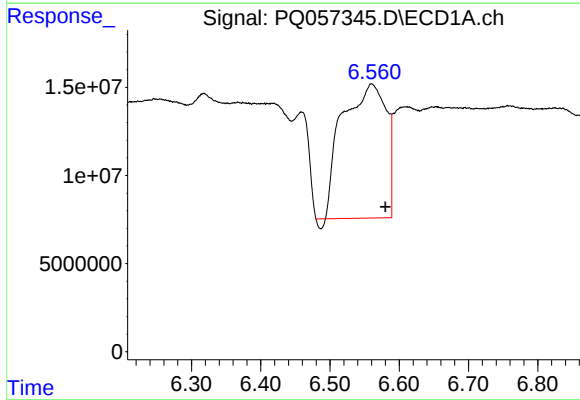
R.T.: 6.179 min
Delta R.T.: 0.005 min
Response: 13827567
Conc: 21.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



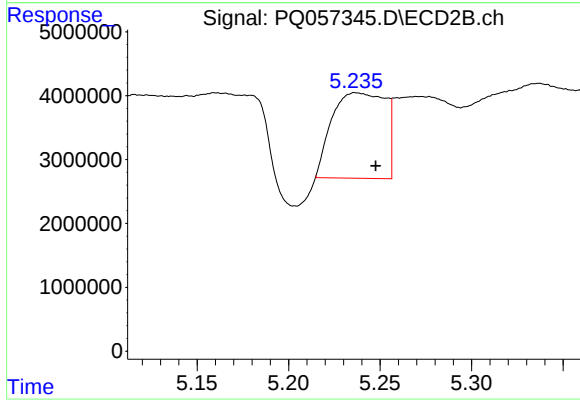
#23 AR-1248-3

R.T.: 5.072 min
Delta R.T.: -0.007 min
Response: 1074058
Conc: 2.84 ng/ml



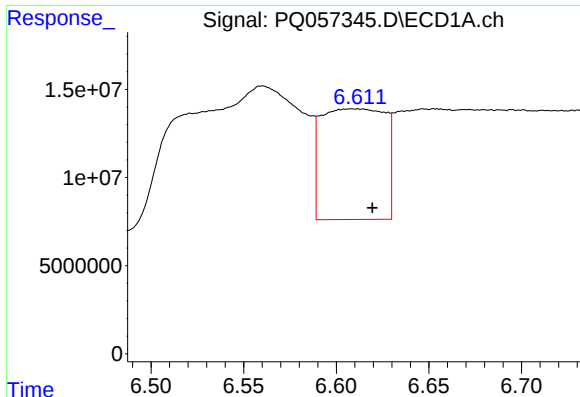
#24 AR-1248-4

R.T.: 6.560 min
Delta R.T.: -0.020 min
Response: 332952034
Conc: 485.46 ng/ml



#24 AR-1248-4

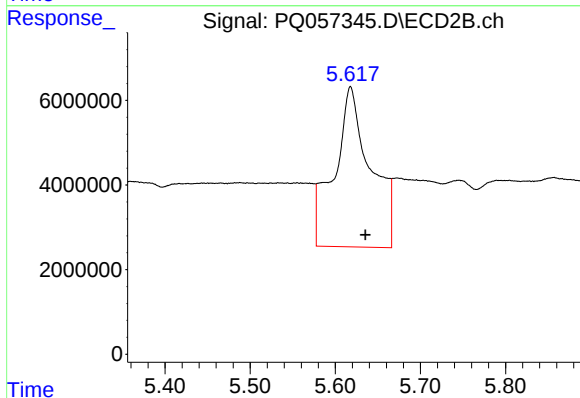
R.T.: 5.236 min
Delta R.T.: -0.012 min
Response: 27030769
Conc: 59.28 ng/ml



#25 AR-1248-5

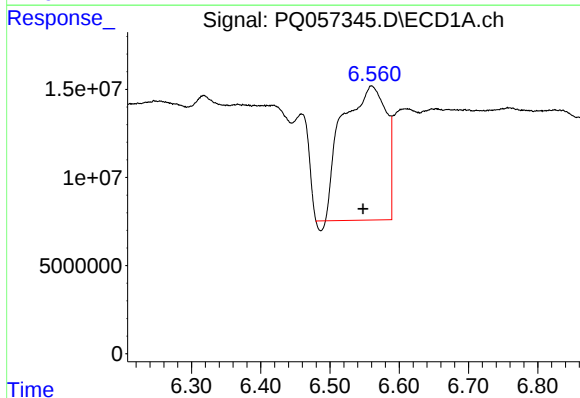
R.T.: 6.609 min
Delta R.T.: -0.011 min
Response: 150481985
Conc: 204.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



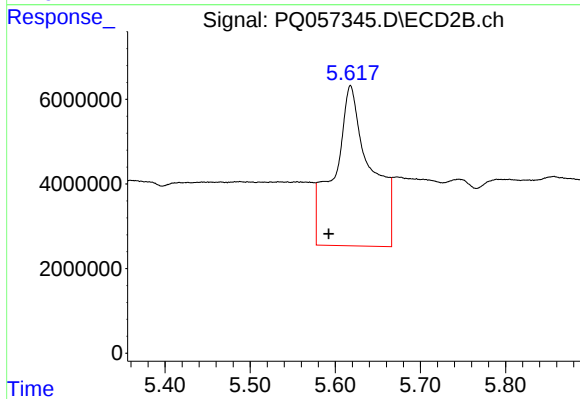
#25 AR-1248-5

R.T.: 5.618 min
Delta R.T.: -0.018 min
Response: 112278952
Conc: 234.71 ng/ml



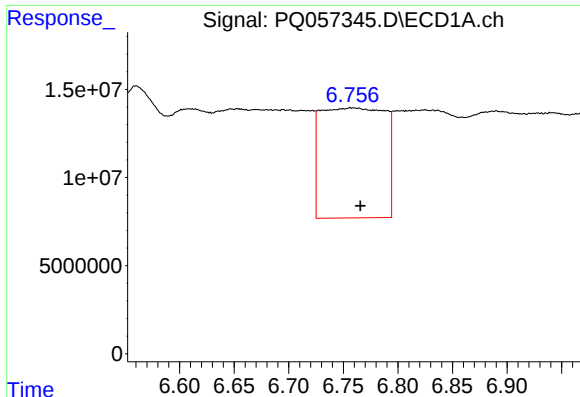
#26 AR-1254-1

R.T.: 6.560 min
Delta R.T.: 0.012 min
Response: 332952034
Conc: 515.84 ng/ml



#26 AR-1254-1

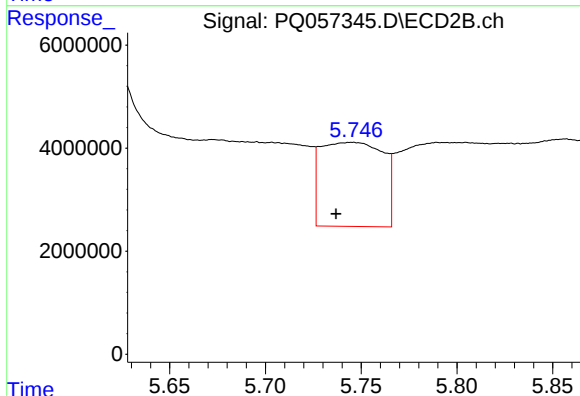
R.T.: 5.618 min
Delta R.T.: 0.026 min
Response: 112278952
Conc: 155.29 ng/ml



#27 AR-1254-2

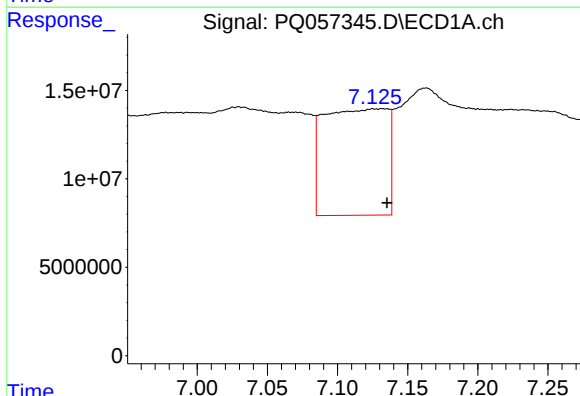
R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 254762053
Conc: 252.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



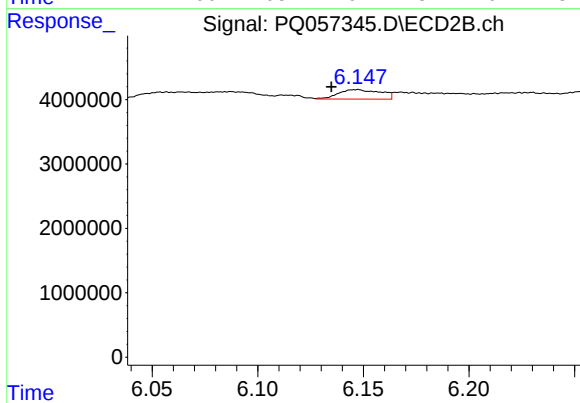
#27 AR-1254-2

R.T.: 5.746 min
Delta R.T.: 0.009 min
Response: 36969092
Conc: 60.37 ng/ml



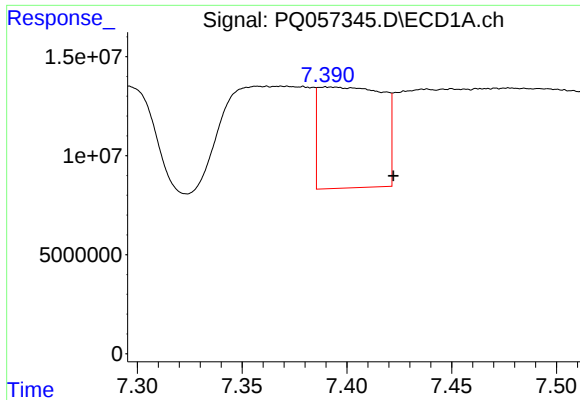
#28 AR-1254-3

R.T.: 7.132 min
Delta R.T.: -0.003 min
Response: 189774546
Conc: 158.02 ng/ml



#28 AR-1254-3

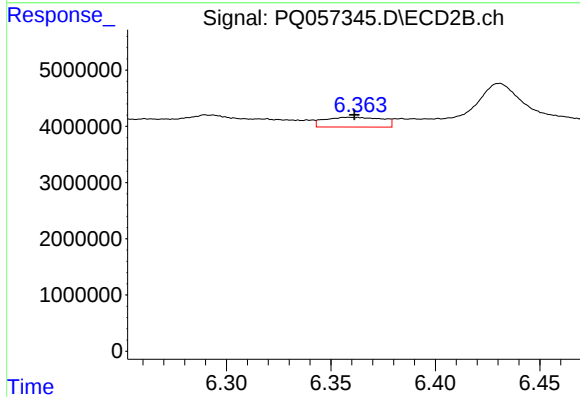
R.T.: 6.148 min
Delta R.T.: 0.013 min
Response: 2033184
Conc: 1.99 ng/ml



#29 AR-1254-4

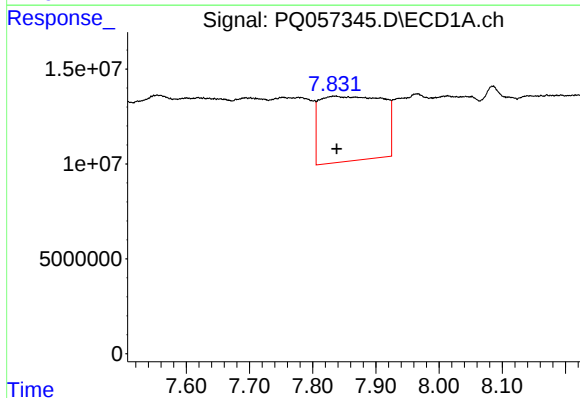
R.T.: 7.391 min
Delta R.T.: -0.031 min
Response: 107801779
Conc: 130.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



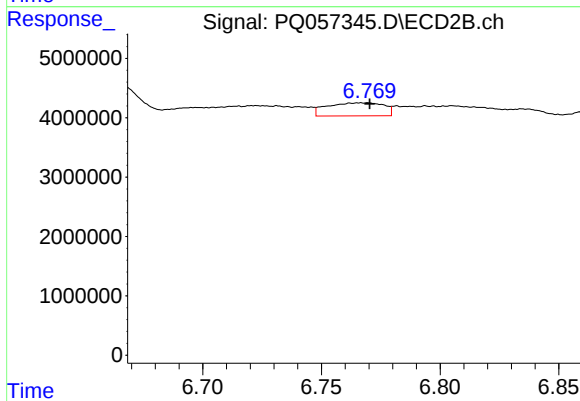
#29 AR-1254-4

R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 3308077
Conc: 4.38 ng/ml



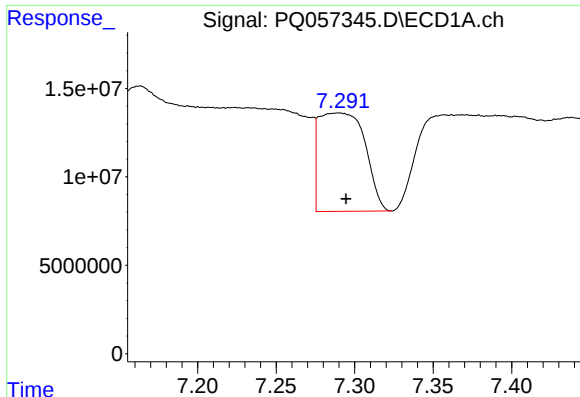
#30 AR-1254-5

R.T.: 7.835 min
Delta R.T.: -0.003 min
Response: 236531579
Conc: 264.28 ng/ml



#30 AR-1254-5

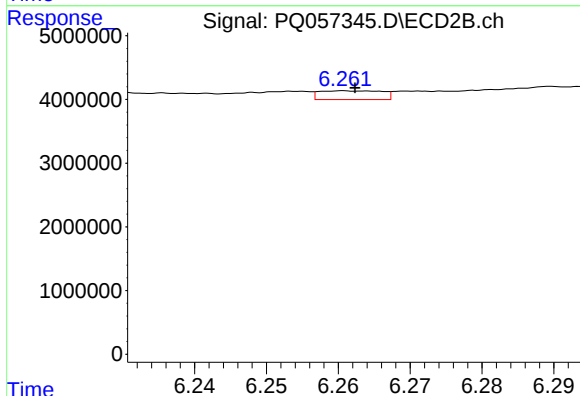
R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 3661150
Conc: 4.05 ng/ml



#31 AR-1260-1

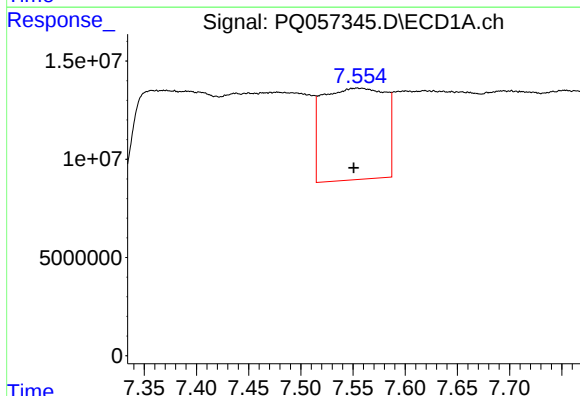
R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 113480201
Conc: 165.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



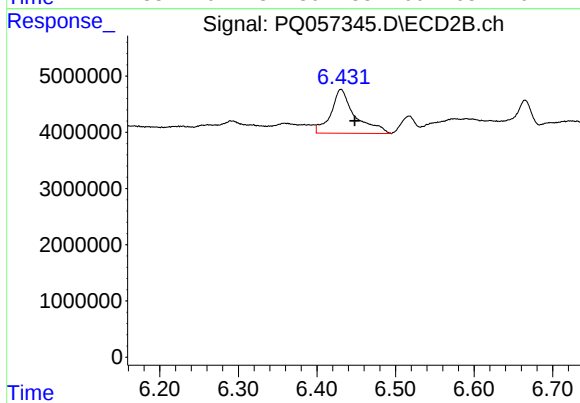
#31 AR-1260-1

R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 839374
Conc: 1.53 ng/ml



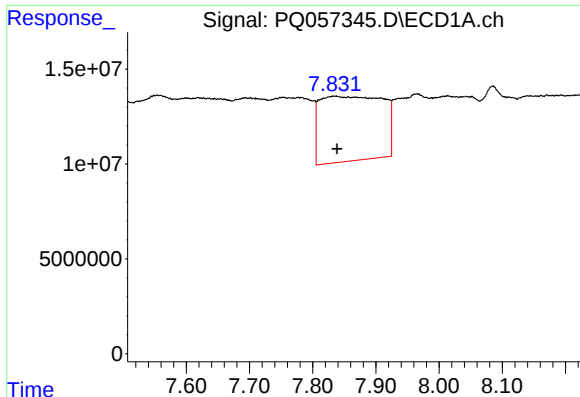
#32 AR-1260-2

R.T.: 7.554 min
Delta R.T.: 0.004 min
Response: 195000675
Conc: 240.76 ng/ml



#32 AR-1260-2

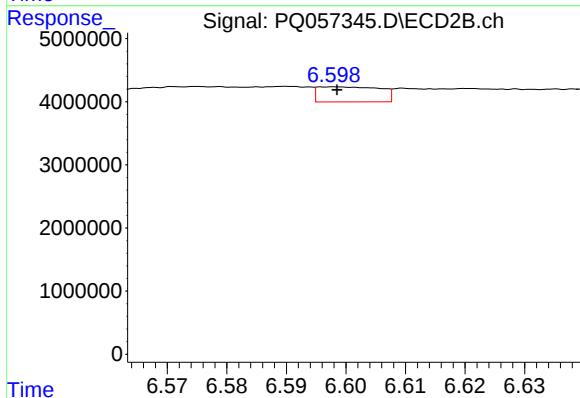
R.T.: 6.431 min
Delta R.T.: -0.017 min
Response: 16697419
Conc: 24.76 ng/ml



#33 AR-1260-3

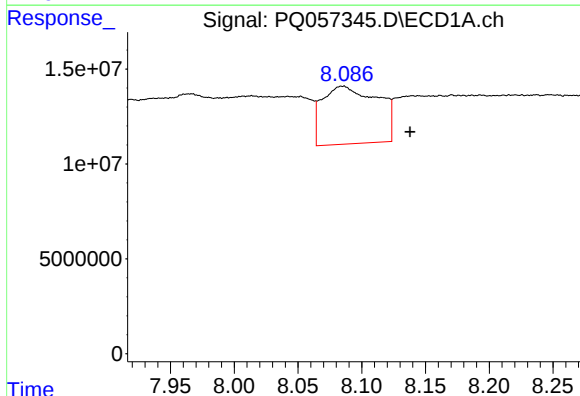
R.T.: 7.835 min
Delta R.T.: -0.003 min
Response: 236531579
Conc: 242.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



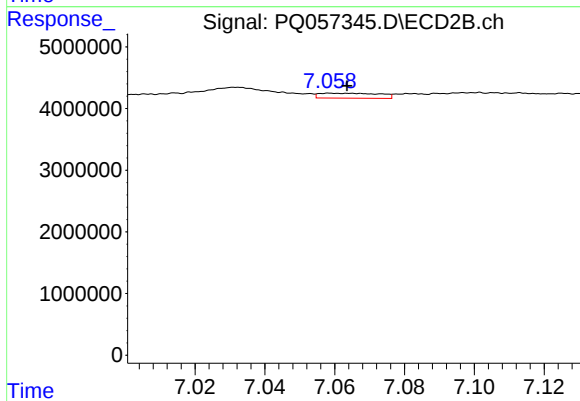
#33 AR-1260-3

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 1743092
Conc: 2.74 ng/ml



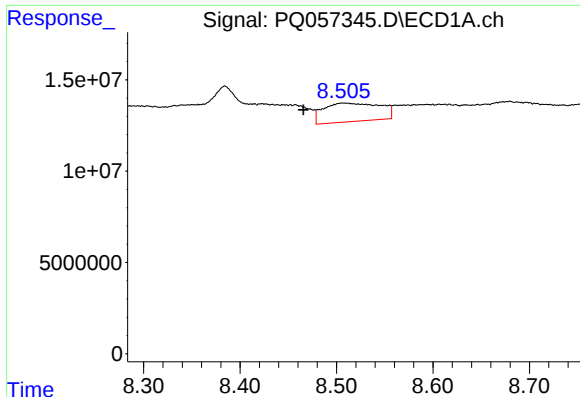
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: -0.053 min
Response: 92048626
Conc: 118.22 ng/ml



#34 AR-1260-4

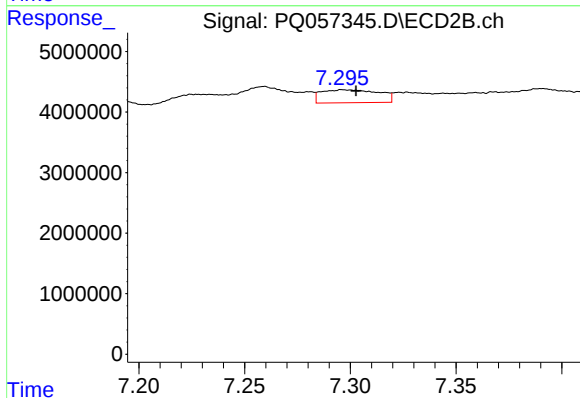
R.T.: 7.059 min
Delta R.T.: -0.005 min
Response: 961555
Conc: 1.82 ng/ml



#35 AR-1260-5

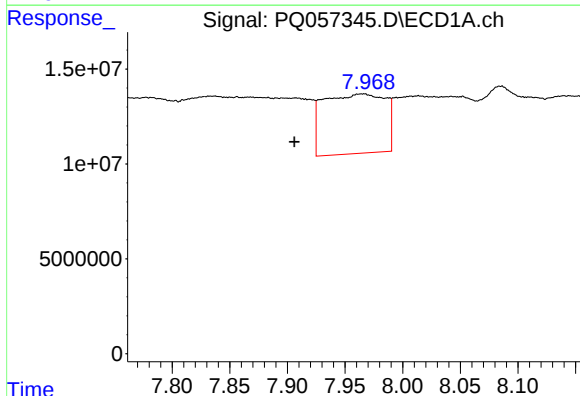
R.T.: 8.508 min
Delta R.T.: 0.042 min
Response: 41581179
Conc: 25.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



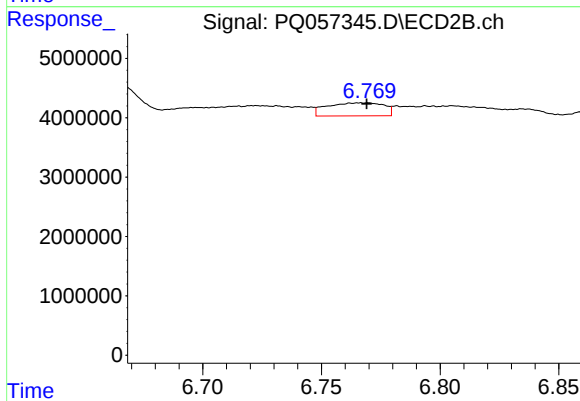
#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.007 min
Response: 4039810
Conc: 3.07 ng/ml



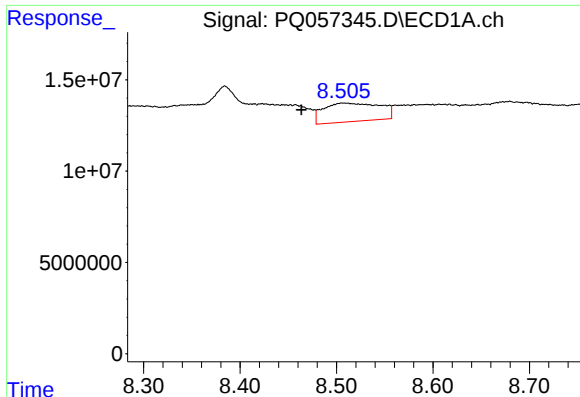
#36 AR-1262-1

R.T.: 7.965 min
Delta R.T.: 0.059 min
Response: 117042712
Conc: 115.11 ng/ml



#36 AR-1262-1

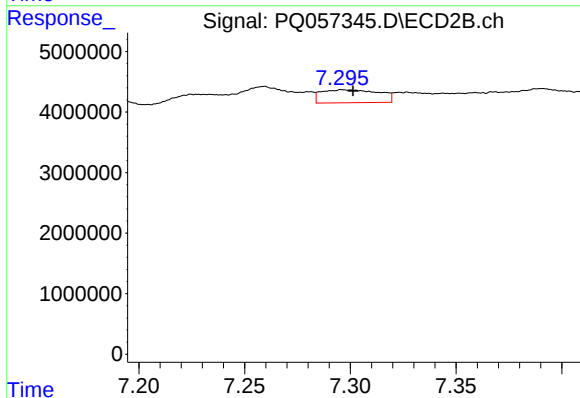
R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 3661150
Conc: 7.96 ng/ml



#37 AR-1262-2

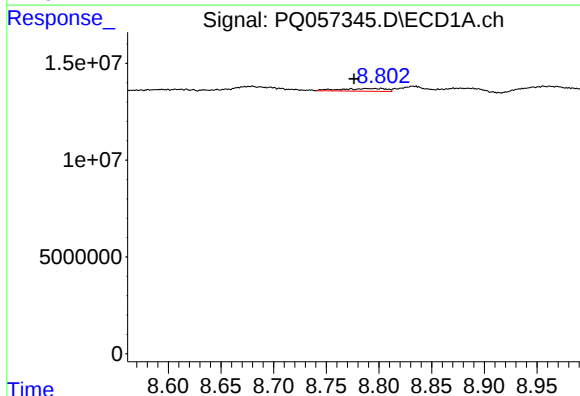
R.T.: 8.508 min
Delta R.T.: 0.044 min
Response: 41581179
Conc: 20.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



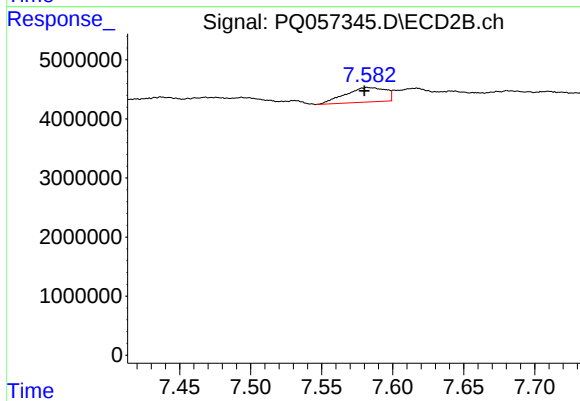
#37 AR-1262-2

R.T.: 7.296 min
Delta R.T.: -0.005 min
Response: 4039810
Conc: 2.33 ng/ml



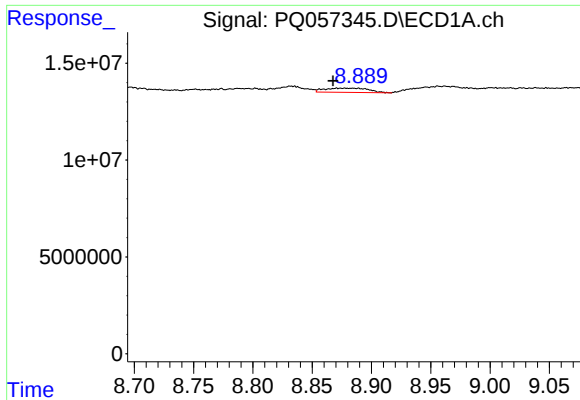
#38 AR-1262-3

R.T.: 8.773 min
Delta R.T.: -0.003 min
Response: 4171580
Conc: 4.53 ng/ml



#38 AR-1262-3

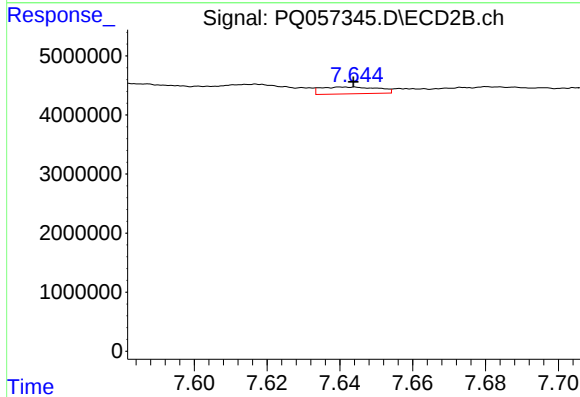
R.T.: 7.582 min
Delta R.T.: 0.002 min
Response: 4864856
Conc: 7.07 ng/ml



#39 AR-1262-4

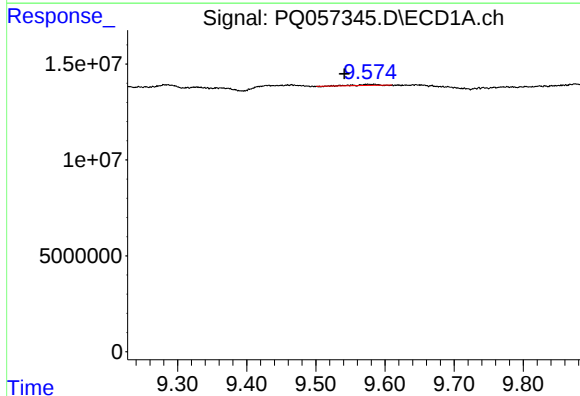
R.T.: 8.879 min
Delta R.T.: 0.011 min
Response: 5540764
Conc: 6.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



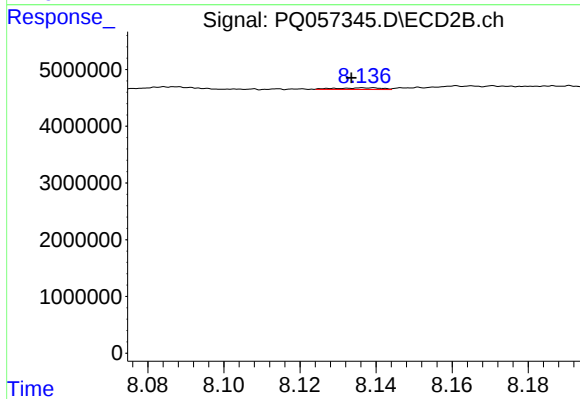
#39 AR-1262-4

R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 1254251
Conc: 0.99 ng/ml



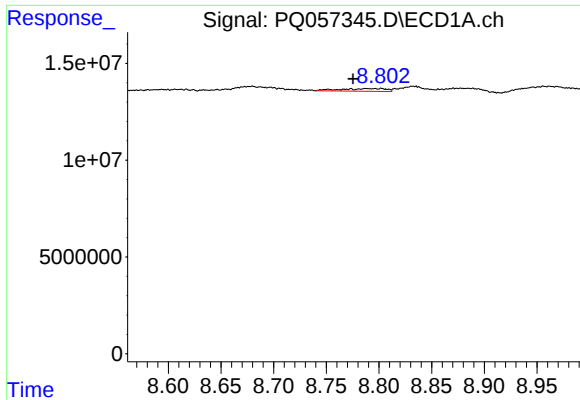
#40 AR-1262-5

R.T.: 9.584 min
Delta R.T.: 0.043 min
Response: 1079618
Conc: 1.27 ng/ml



#40 AR-1262-5

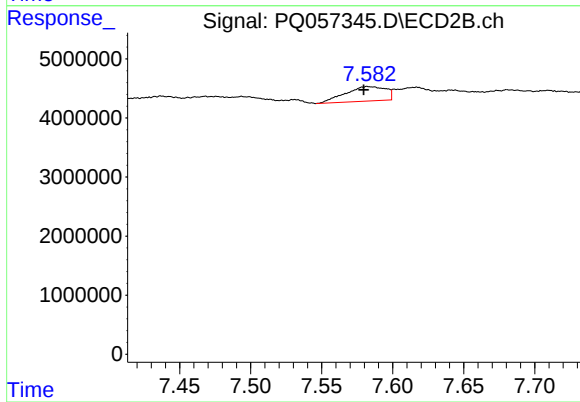
R.T.: 8.137 min
Delta R.T.: 0.003 min
Response: 230069
Conc: 0.42 ng/ml



#41 AR-1268-1

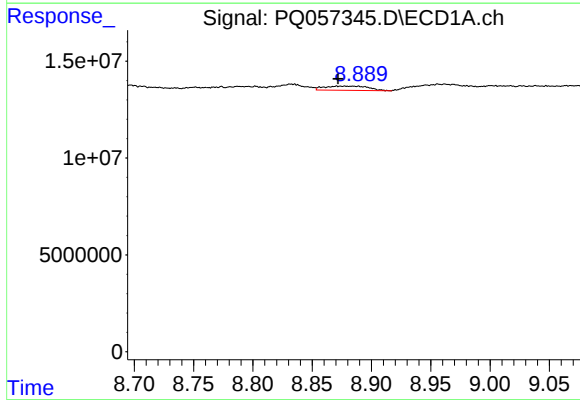
R.T.: 8.773 min
Delta R.T.: -0.002 min
Response: 4171580
Conc: 1.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



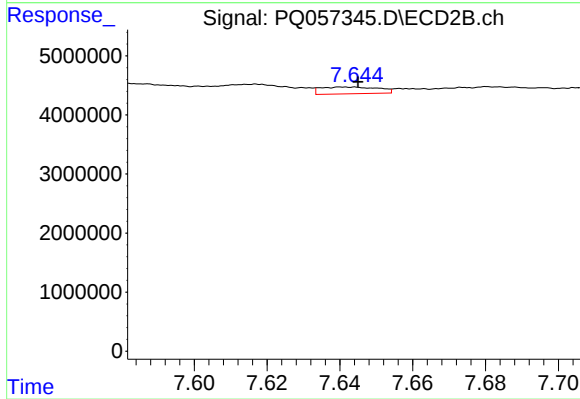
#41 AR-1268-1

R.T.: 7.582 min
Delta R.T.: 0.002 min
Response: 4864856
Conc: 2.46 ng/ml



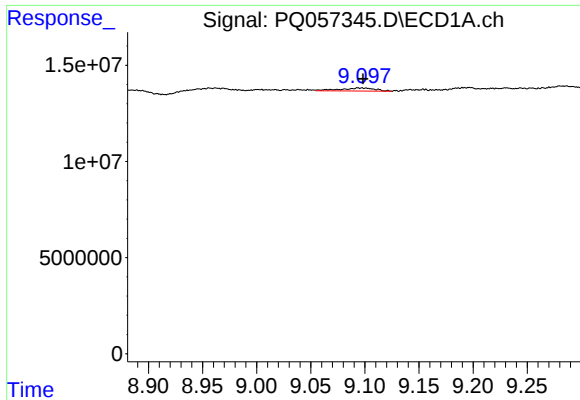
#42 AR-1268-2

R.T.: 8.879 min
Delta R.T.: 0.007 min
Response: 5540764
Conc: 2.06 ng/ml



#42 AR-1268-2

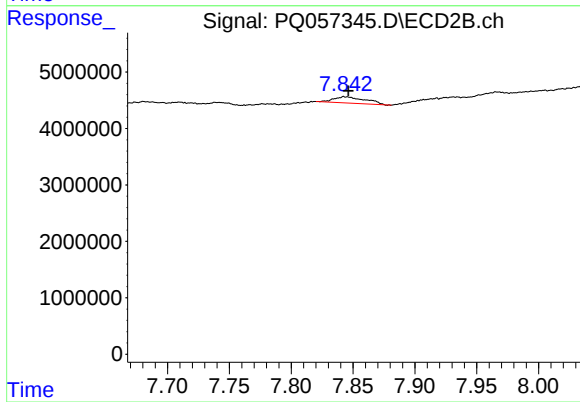
R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 1254251
Conc: 0.70 ng/ml



#43 AR-1268-3

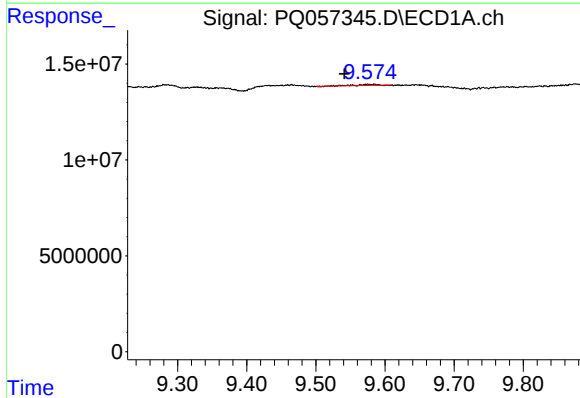
R.T.: 9.097 min
Delta R.T.: -0.001 min
Response: 3475387
Conc: 1.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



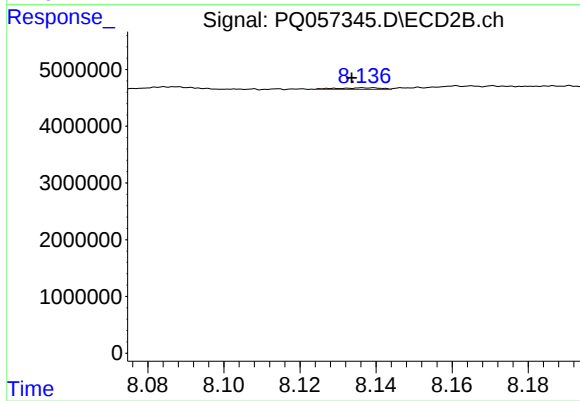
#43 AR-1268-3

R.T.: 7.842 min
Delta R.T.: -0.004 min
Response: 1982885
Conc: 1.41 ng/ml



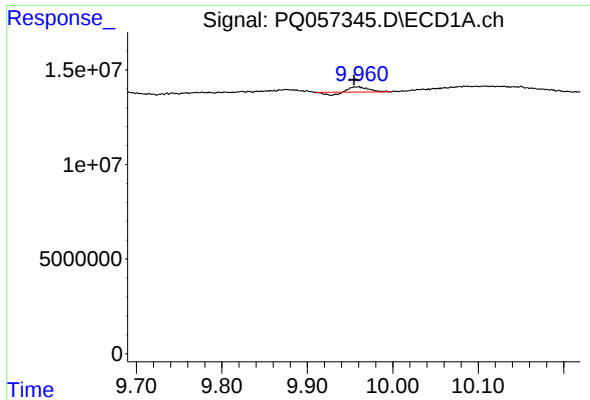
#44 AR-1268-4

R.T.: 9.584 min
Delta R.T.: 0.043 min
Response: 1079618
Conc: 1.13 ng/ml



#44 AR-1268-4

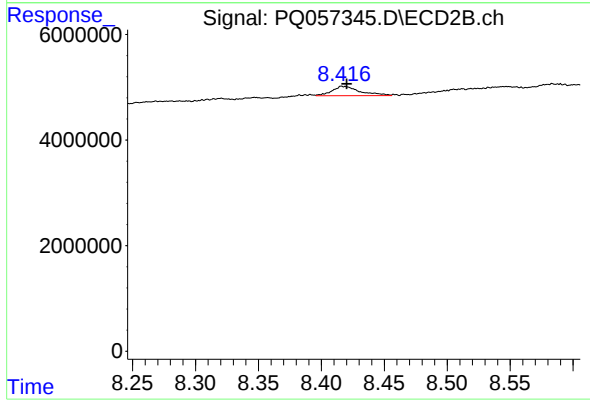
R.T.: 8.137 min
Delta R.T.: 0.003 min
Response: 230069
Conc: 0.38 ng/ml



#45 AR-1268-5

R.T.: 9.958 min
Delta R.T.: 0.004 min
Response: 2703250
Conc: 0.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.416 min
Delta R.T.: -0.004 min
Response: 2740976
Conc: 0.58 ng/ml