

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
 Data File : PQ063985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2023 05:44
 Operator : YP\AJ
 Sample : 05321-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 06:24:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.459	2.777	98295088	101.7E6	21.449	22.657
2)	SA Decachlor...	8.691	7.572	89781632	147.6E6	27.182	27.534
Target Compounds							
3)	L1 AR-1016-1	4.594	3.786	1327629	1040491	9.258	7.706
4)	L1 AR-1016-2	4.594	3.804	1327629	748056	6.061	3.802 #
5)	L1 AR-1016-3	4.664	4.011f	1223904	566857	8.946	5.384 #
6)	L1 AR-1016-4	4.762	4.011	2135601	566857	18.946	6.384 #
7)	L1 AR-1016-5	5.035	0.000	457861	0	4.106	N.D. #
8)	L2 AR-1221-1	3.646	2.923f	6264592	545835	113.313	10.053 #
9)	L2 AR-1221-2	3.742	3.048	1226133	1302631	33.645	35.073
12)	L3 AR-1232-2	4.323	3.804	3446376	748056	68.020	8.164 #
13)	L3 AR-1232-3	4.594	4.011f	1327629	566857	13.668	11.915
14)	L3 AR-1232-4	4.762	4.011f	2135601	566857	42.538	14.045 #
15)	L3 AR-1232-5	4.840	0.000	1185049	0	32.810	N.D. #
16)	L4 AR-1242-1	4.594	3.786	1327629	1040491	11.068	9.087
17)	L4 AR-1242-2	4.594	3.804	1327629	748056	7.371	4.497 #
18)	L4 AR-1242-3	4.664	4.011f	1223904	566857	10.906	6.429 #
19)	L4 AR-1242-4	4.762	4.011f	2135601	566857	23.201	6.891 #
20)	L4 AR-1242-5	5.468	4.548	635623	1139504	6.650	10.716 #
21)	L5 AR-1248-1	4.594	3.786	1327629	1040491	14.311	11.654
22)	L5 AR-1248-2	4.840	4.011	1185049	566857	8.964	4.343 #
23)	L5 AR-1248-3	5.035	4.011f	457861	566857	2.919	4.557 #
24)	L5 AR-1248-4	5.428	0.000	467084	0	2.721	N.D. #
25)	L5 AR-1248-5	5.468	4.584	635623	937625	3.787	6.335 #
26)	L6 AR-1254-1	5.402	4.548	1921285	1139504	11.071	5.207 #
27)	L6 AR-1254-2	5.623	4.695	1997098	1225329	7.430	6.431
28)	L6 AR-1254-3	5.979	5.078	1990083	2501587	7.241	8.422
29)	L6 AR-1254-4	6.265	5.307	1437093	1570647	7.199	8.321
30)	L6 AR-1254-5	6.680	5.712	2125886	4490951	9.716	16.508 #
31)	L7 AR-1260-1	6.145	5.208	1126994	1609948	5.153	7.661 #
32)	L7 AR-1260-2	6.405	5.401	1997228	1260213	7.670	5.060 #
33)	L7 AR-1260-3	6.762	5.534	519772	1690311	2.710	7.119 #
34)	L7 AR-1260-4	6.981	6.007	1196691	371895	5.572	1.838 #
35)	L7 AR-1260-5	7.291	6.251	1563143	1344758	3.863	2.880 #
36)	L8 AR-1262-1	6.762	5.751	519772	193028	1.839	0.666 #
37)	L8 AR-1262-2	7.291	6.251	1563143	1344758	3.400	2.572
38)	L8 AR-1262-3	7.570	6.588f	919310	1364747	2.970	6.350 #
39)	L8 AR-1262-4	7.646	6.588	543156	1364747	2.278	3.425 #
40)	L8 AR-1262-5	8.151	7.085	653952	575749	4.165	2.874 #
41)	L9 AR-1268-1	7.570	6.588f	919310	1364747	1.717	2.225 #
42)	L9 AR-1268-2	7.646	6.588	543156	1364747	1.122	2.451 #
43)	L9 AR-1268-3	7.827	0.000	544283	0	1.303	N.D. #

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Integration File signal 1: autoint1.e
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 Quant Time: Nov 11 06:24:15 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 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
44)	L9 AR-1268-4	8.151	7.085	653952	575749	3.766	2.711 #
45)	L9 AR-1268-5	8.449	7.355	1329218	674613	1.081	0.372 #

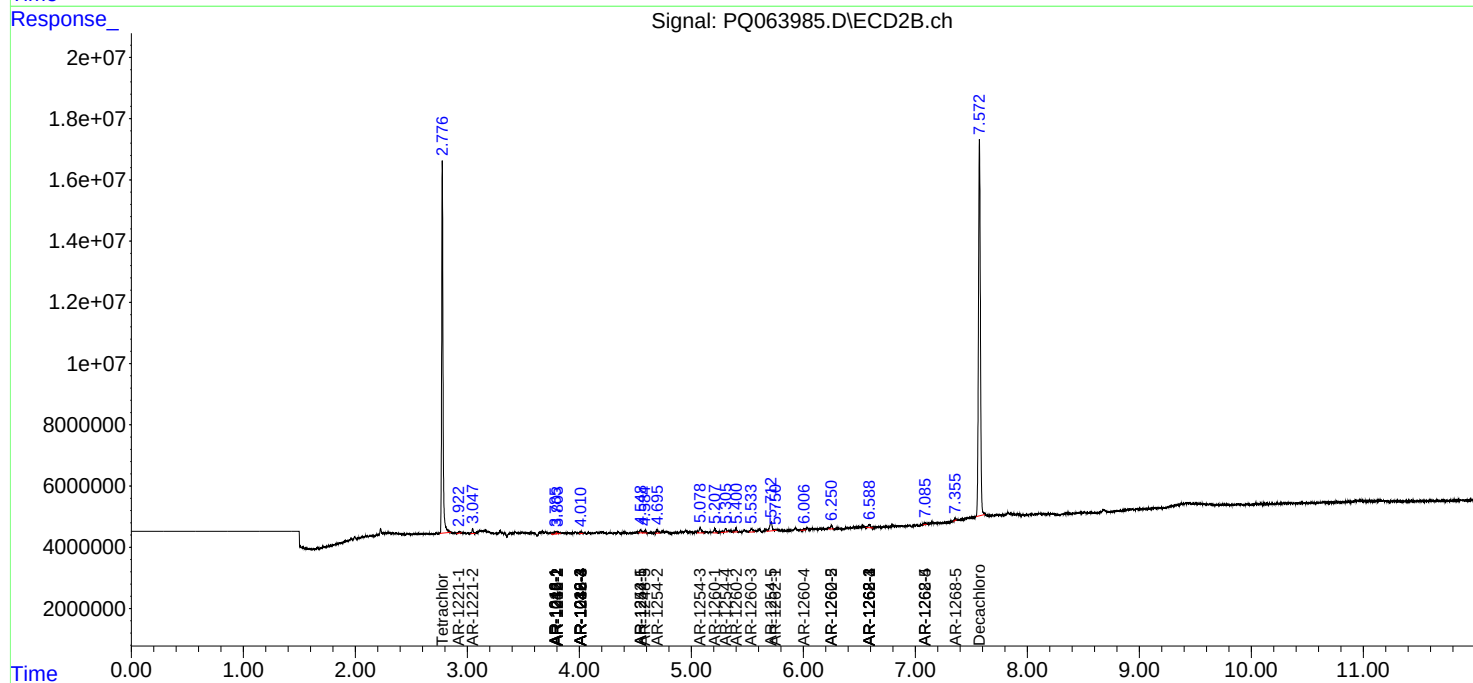
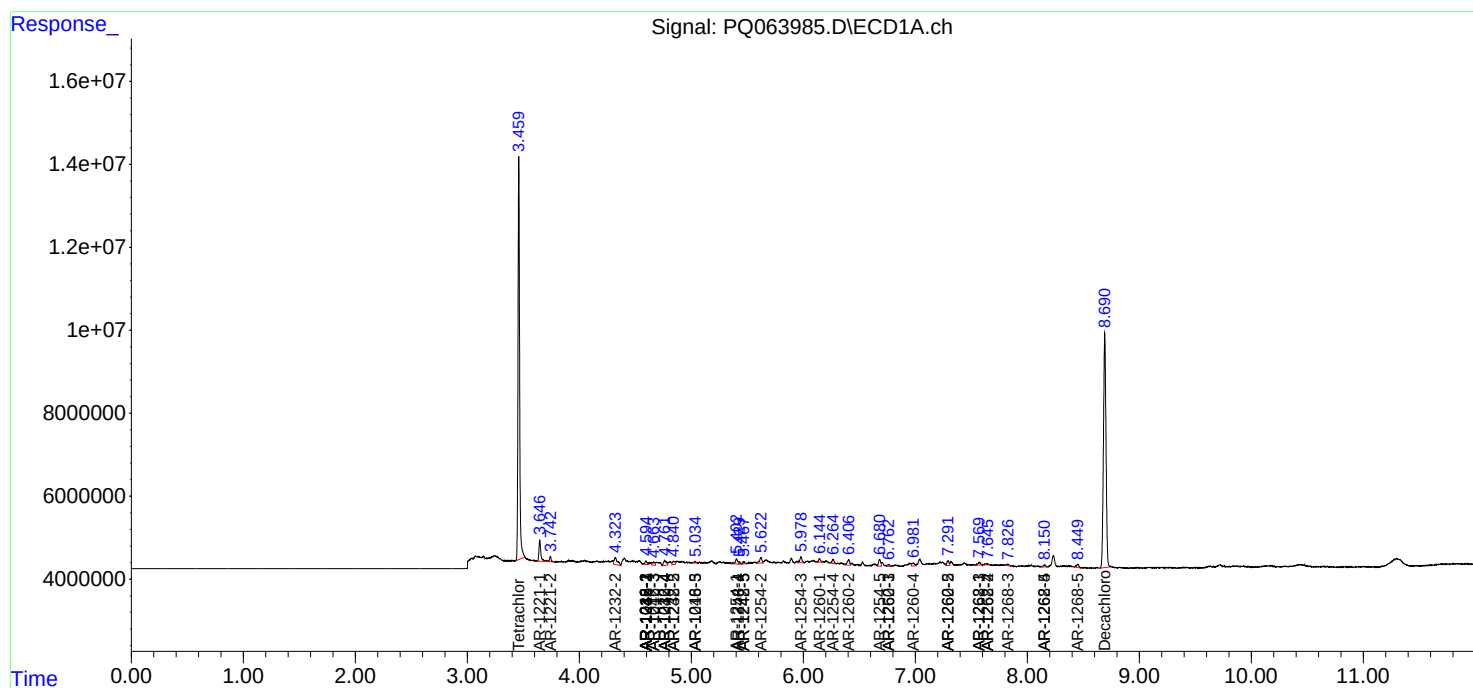
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

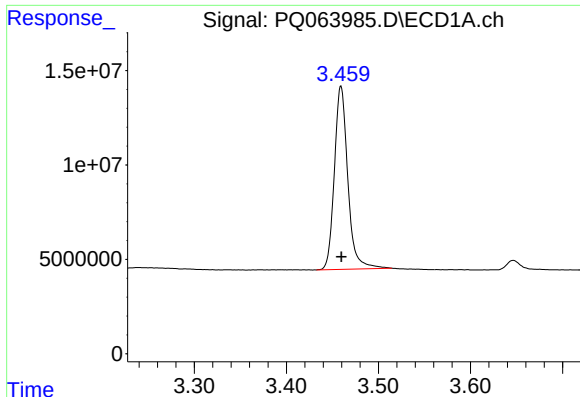
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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QLast Update : Sat Nov 11 06:14:57 2023
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Volume 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

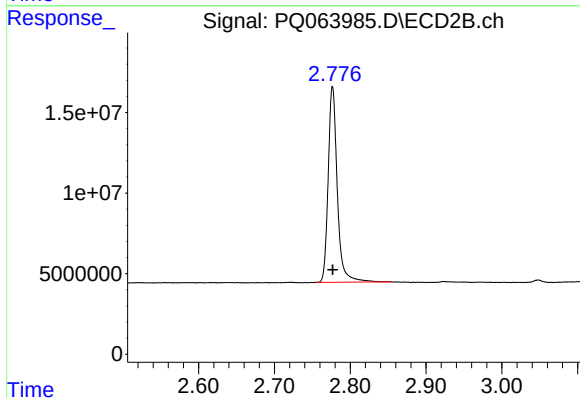




#1 Tetrachloro-m-xylene

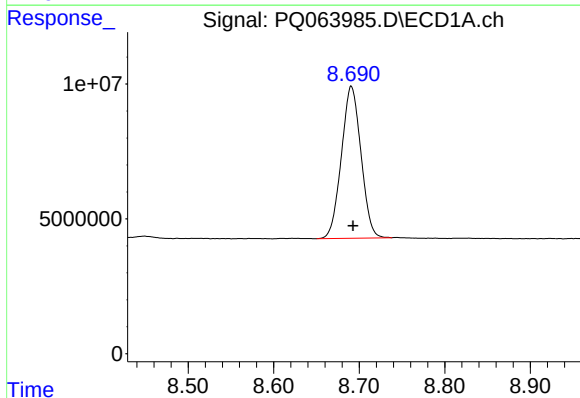
R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 98295088
Conc: 21.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



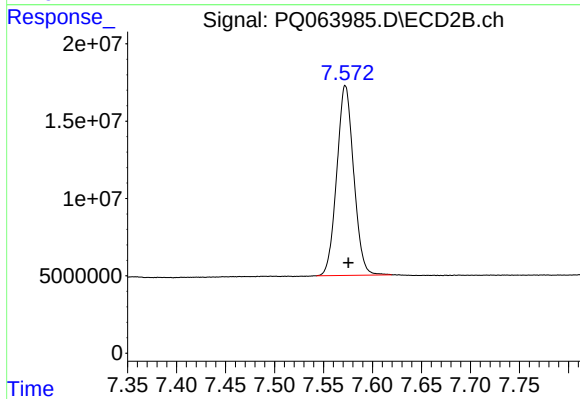
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 101724734
Conc: 22.66 ng/ml



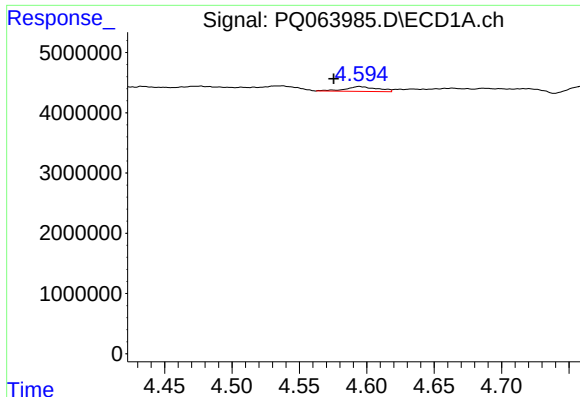
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 89781632
Conc: 27.18 ng/ml



#2 Decachlorobiphenyl

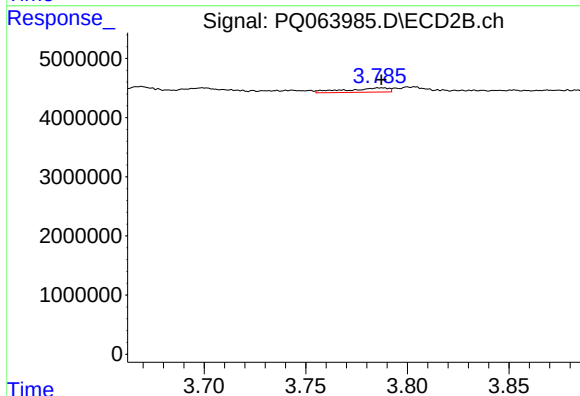
R.T.: 7.572 min
Delta R.T.: -0.003 min
Response: 147572869
Conc: 27.53 ng/ml



#3 AR-1016-1

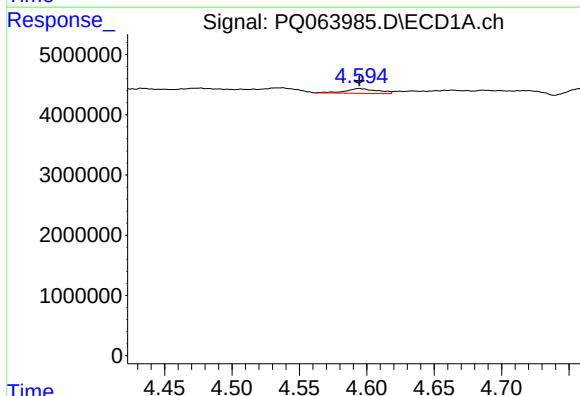
R.T.: 4.594 min
Delta R.T.: 0.019 min
Response: 1327629
Conc: 9.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



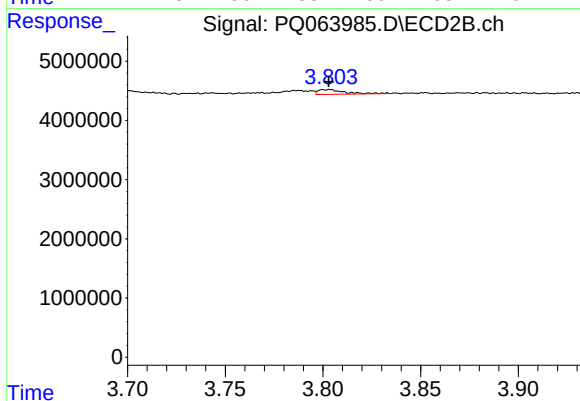
#3 AR-1016-1

R.T.: 3.786 min
Delta R.T.: -0.001 min
Response: 1040491
Conc: 7.71 ng/ml



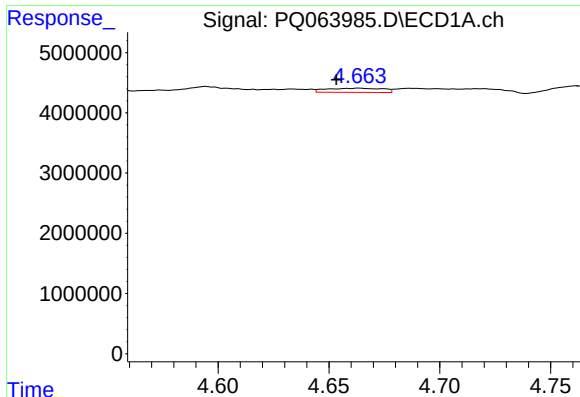
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 1327629
Conc: 6.06 ng/ml



#4 AR-1016-2

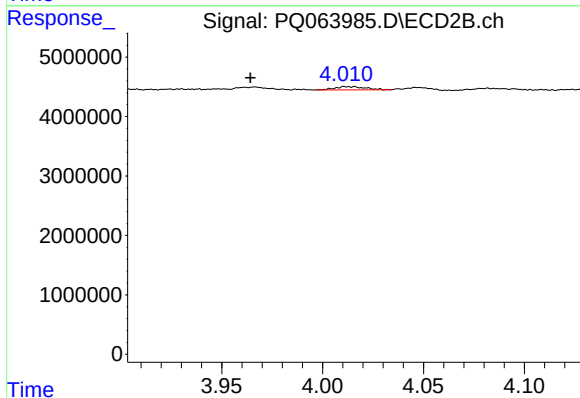
R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 748056
Conc: 3.80 ng/ml



#5 AR-1016-3

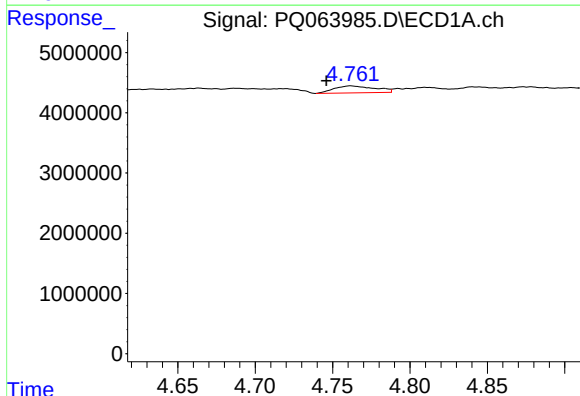
R.T.: 4.664 min
Delta R.T.: 0.010 min
Response: 1223904
Conc: 8.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



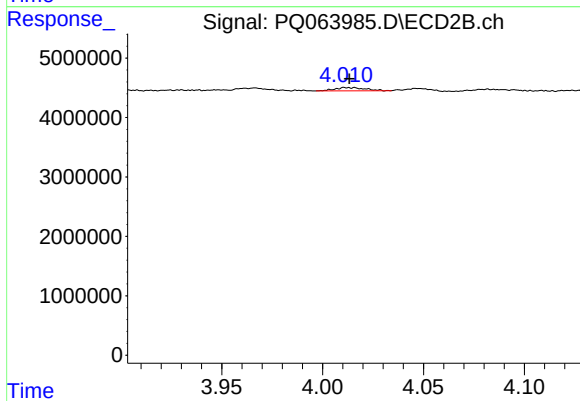
#5 AR-1016-3

R.T.: 4.011 min
Delta R.T.: 0.047 min
Response: 566857
Conc: 5.38 ng/ml



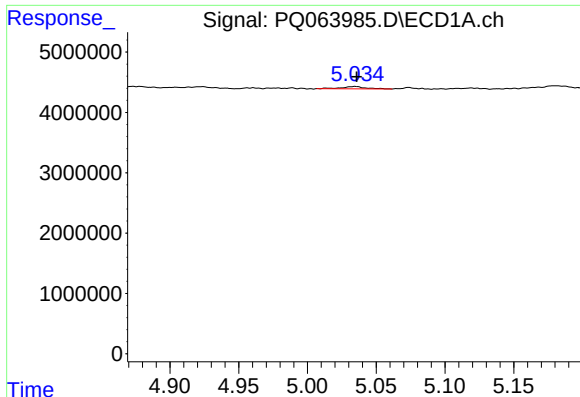
#6 AR-1016-4

R.T.: 4.762 min
Delta R.T.: 0.016 min
Response: 2135601
Conc: 18.95 ng/ml



#6 AR-1016-4

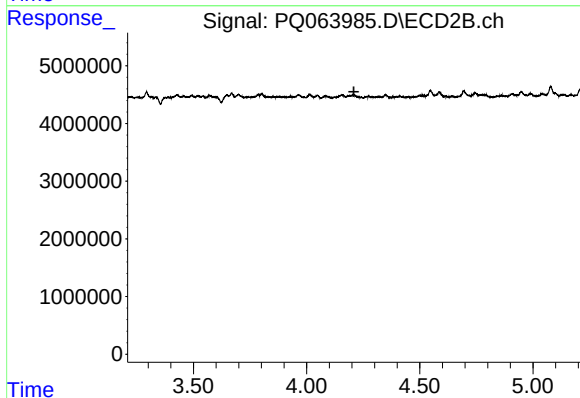
R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 566857
Conc: 6.38 ng/ml



#7 AR-1016-5

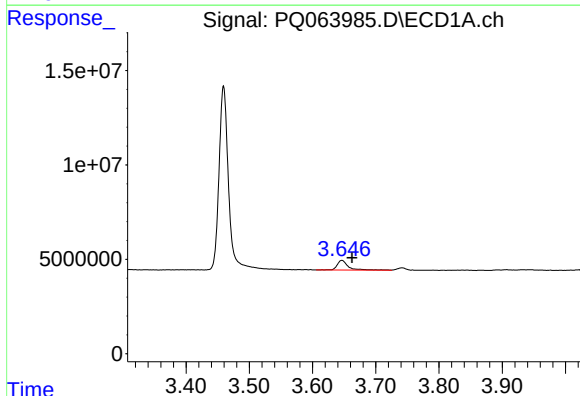
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 457861
Conc: 4.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



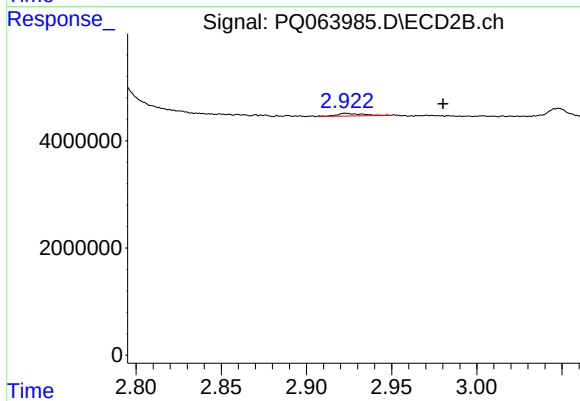
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.209 min
Response: 0
Conc: N.D.



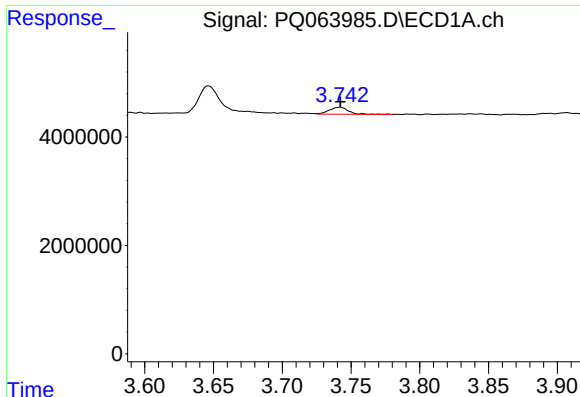
#8 AR-1221-1

R.T.: 3.646 min
Delta R.T.: -0.016 min
Response: 6264592
Conc: 113.31 ng/ml



#8 AR-1221-1

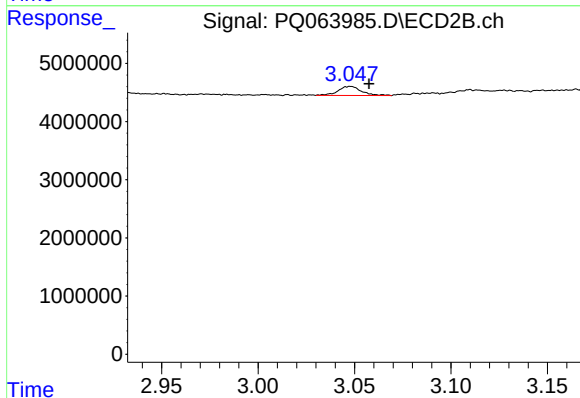
R.T.: 2.923 min
Delta R.T.: -0.057 min
Response: 545835
Conc: 10.05 ng/ml



#9 AR-1221-2

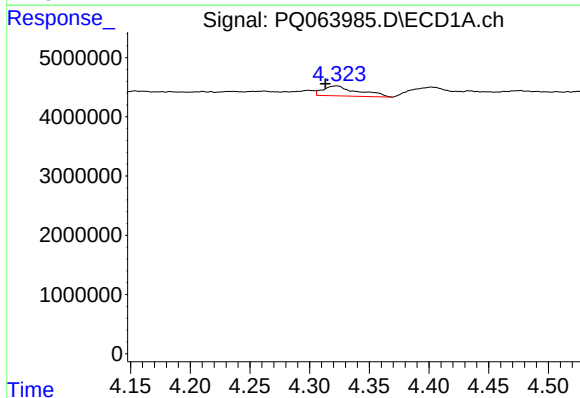
R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 1226133
Conc: 33.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



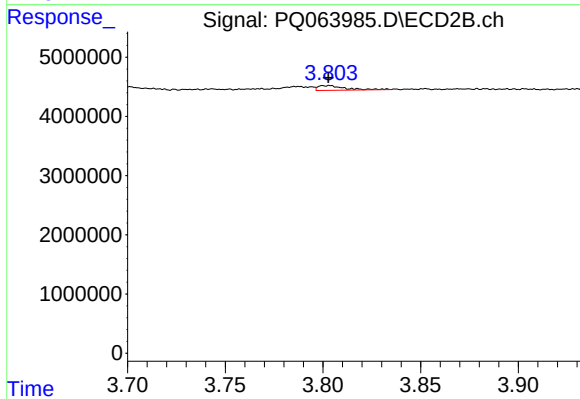
#9 AR-1221-2

R.T.: 3.048 min
Delta R.T.: -0.009 min
Response: 1302631
Conc: 35.07 ng/ml



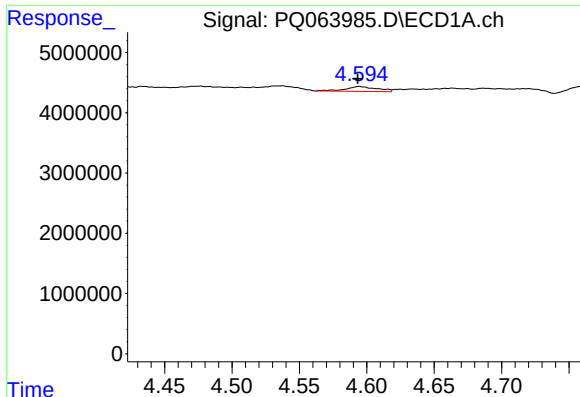
#12 AR-1232-2

R.T.: 4.323 min
Delta R.T.: 0.009 min
Response: 3446376
Conc: 68.02 ng/ml



#12 AR-1232-2

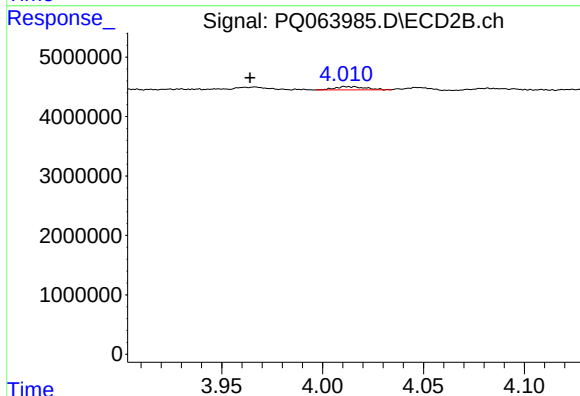
R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 748056
Conc: 8.16 ng/ml



#13 AR-1232-3

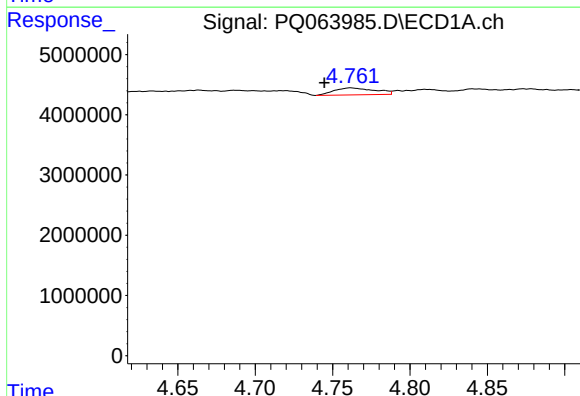
R.T.: 4.594 min
Delta R.T.: 0.001 min
Response: 1327629
Conc: 13.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



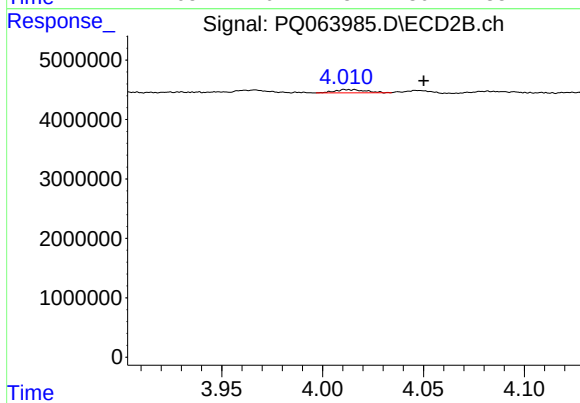
#13 AR-1232-3

R.T.: 4.011 min
Delta R.T.: 0.047 min
Response: 566857
Conc: 11.91 ng/ml



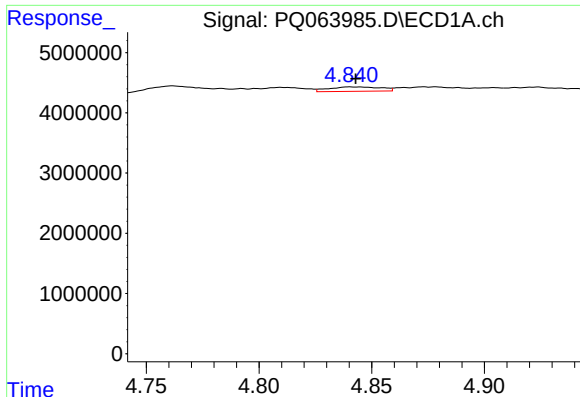
#14 AR-1232-4

R.T.: 4.762 min
Delta R.T.: 0.017 min
Response: 2135601
Conc: 42.54 ng/ml



#14 AR-1232-4

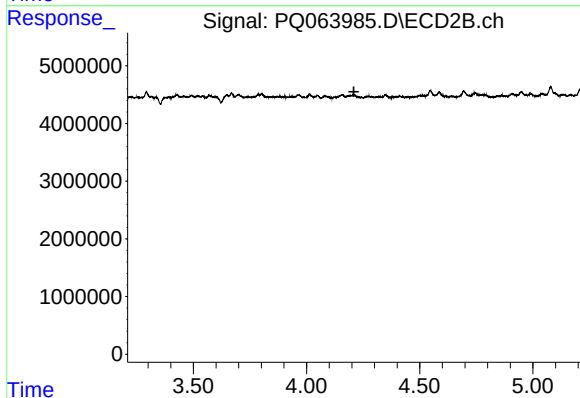
R.T.: 4.011 min
Delta R.T.: -0.039 min
Response: 566857
Conc: 14.05 ng/ml



#15 AR-1232-5

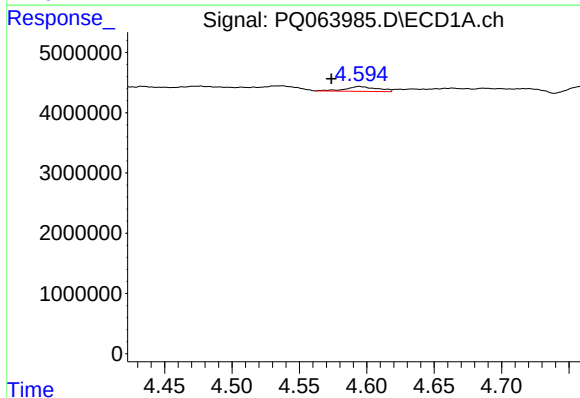
R.T.: 4.840 min
Delta R.T.: -0.003 min
Response: 1185049
Conc: 32.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



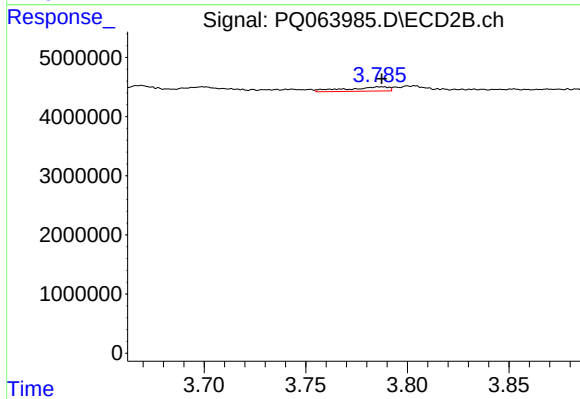
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.209 min
Response: 0
Conc: N.D.



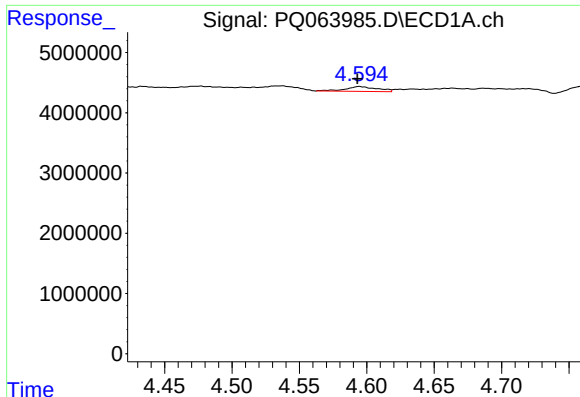
#16 AR-1242-1

R.T.: 4.594 min
Delta R.T.: 0.021 min
Response: 1327629
Conc: 11.07 ng/ml



#16 AR-1242-1

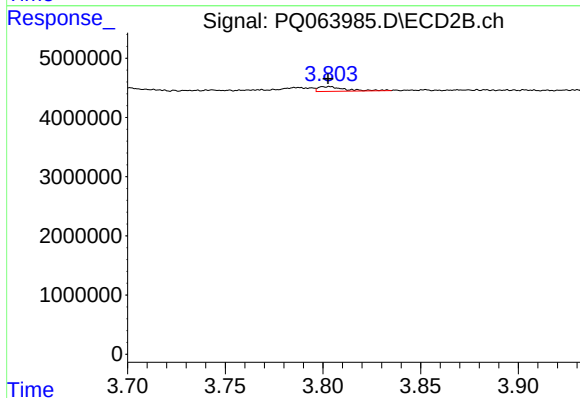
R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 1040491
Conc: 9.09 ng/ml



#17 AR-1242-2

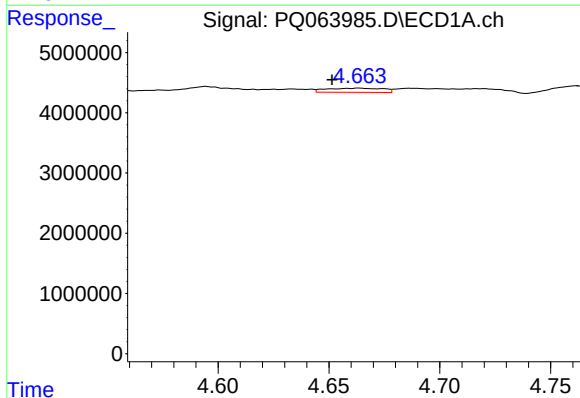
R.T.: 4.594 min
Delta R.T.: 0.001 min
Response: 1327629
Conc: 7.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



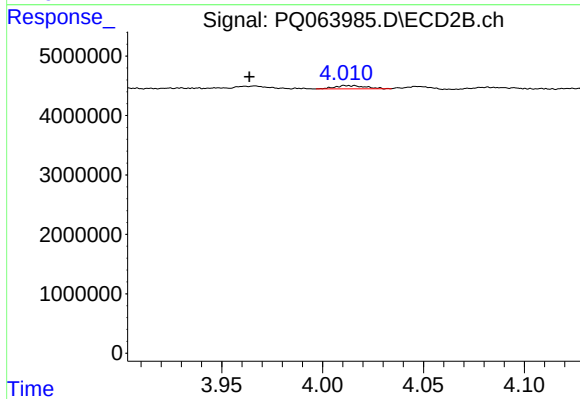
#17 AR-1242-2

R.T.: 3.804 min
Delta R.T.: 0.001 min
Response: 748056
Conc: 4.50 ng/ml



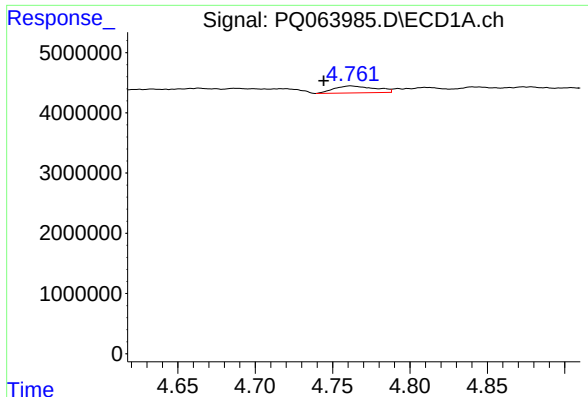
#18 AR-1242-3

R.T.: 4.664 min
Delta R.T.: 0.012 min
Response: 1223904
Conc: 10.91 ng/ml



#18 AR-1242-3

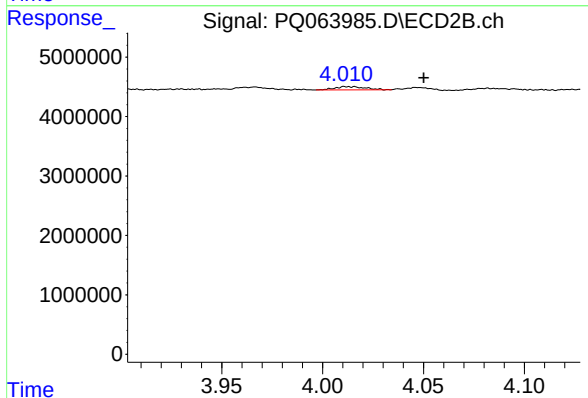
R.T.: 4.011 min
Delta R.T.: 0.047 min
Response: 566857
Conc: 6.43 ng/ml



#19 AR-1242-4

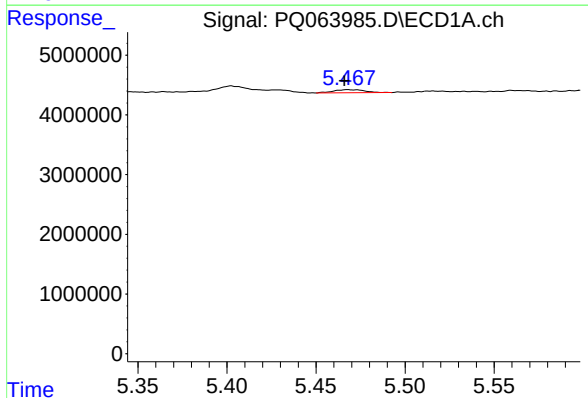
R.T.: 4.762 min
Delta R.T.: 0.017 min
Response: 2135601
Conc: 23.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



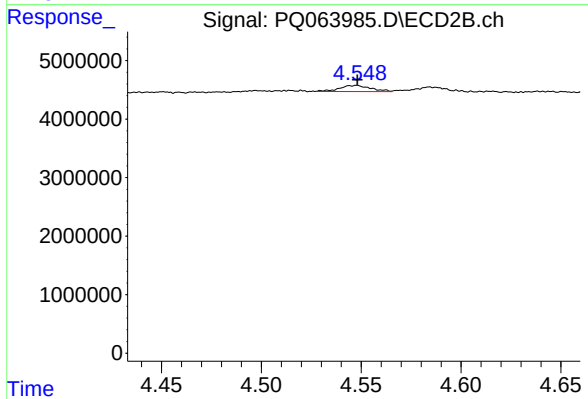
#19 AR-1242-4

R.T.: 4.011 min
Delta R.T.: -0.039 min
Response: 566857
Conc: 6.89 ng/ml



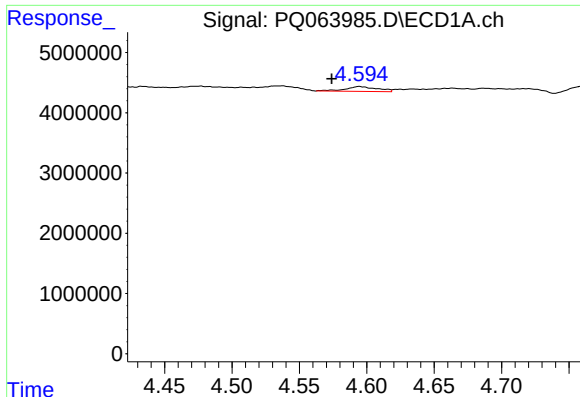
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.002 min
Response: 635623
Conc: 6.65 ng/ml



#20 AR-1242-5

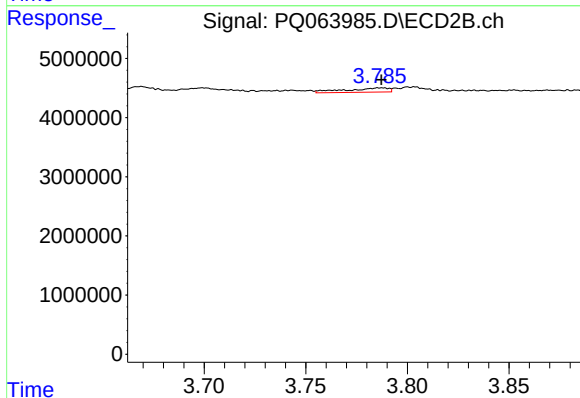
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 1139504
Conc: 10.72 ng/ml



#21 AR-1248-1

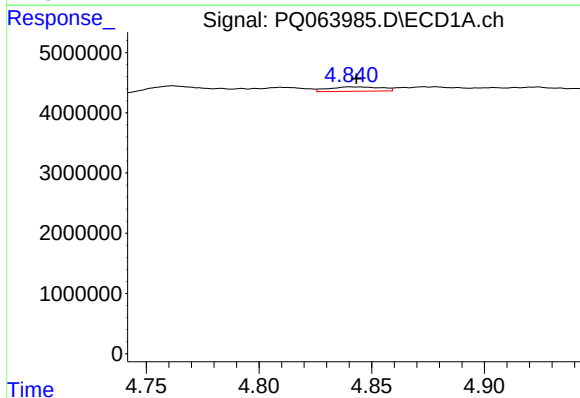
R.T.: 4.594 min
Delta R.T.: 0.020 min
Response: 1327629
Conc: 14.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



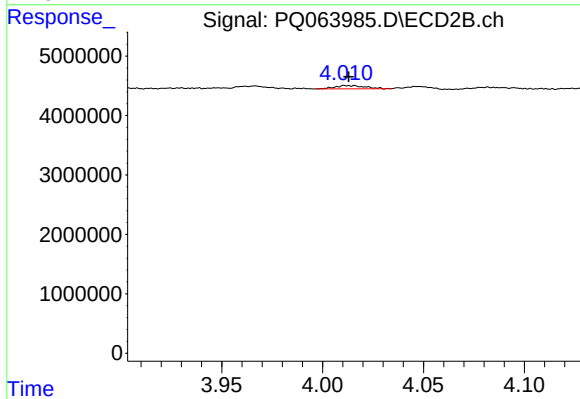
#21 AR-1248-1

R.T.: 3.786 min
Delta R.T.: -0.001 min
Response: 1040491
Conc: 11.65 ng/ml



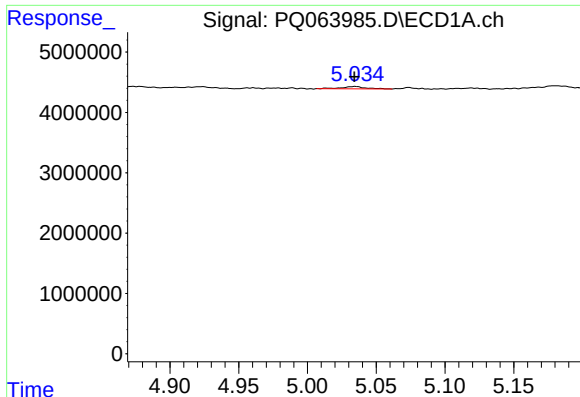
#22 AR-1248-2

R.T.: 4.840 min
Delta R.T.: -0.003 min
Response: 1185049
Conc: 8.96 ng/ml



#22 AR-1248-2

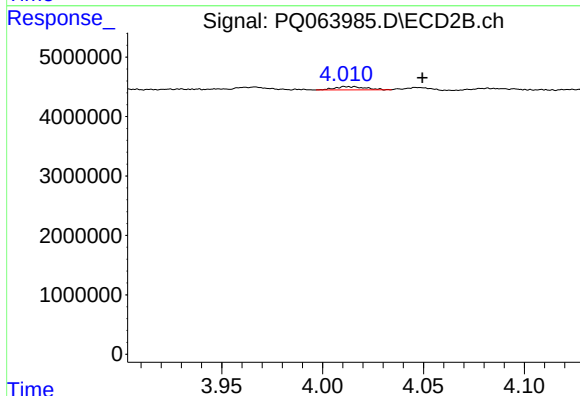
R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 566857
Conc: 4.34 ng/ml



#23 AR-1248-3

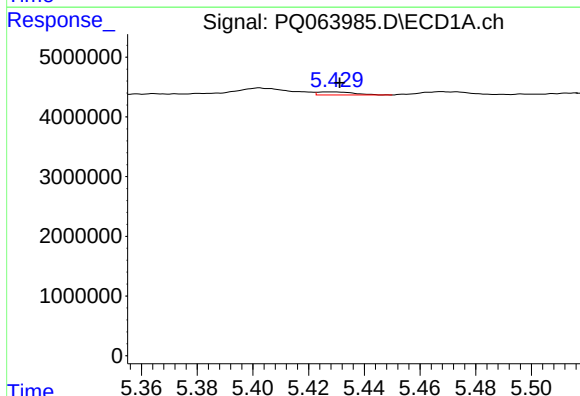
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 457861
Conc: 2.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



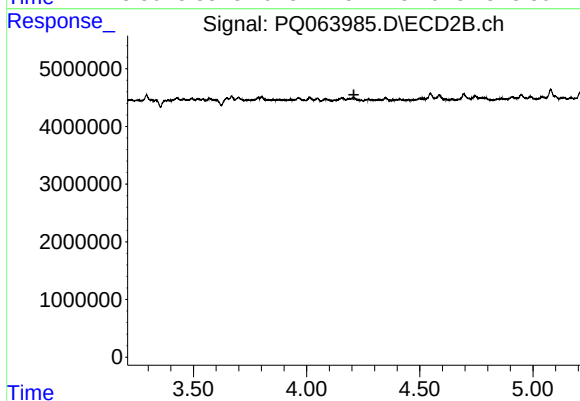
#23 AR-1248-3

R.T.: 4.011 min
Delta R.T.: -0.039 min
Response: 566857
Conc: 4.56 ng/ml



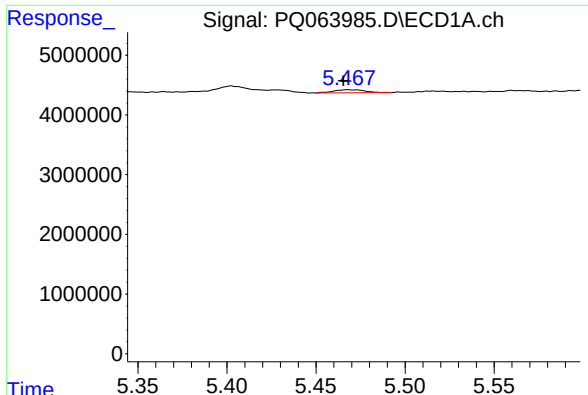
#24 AR-1248-4

R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 467084
Conc: 2.72 ng/ml



#24 AR-1248-4

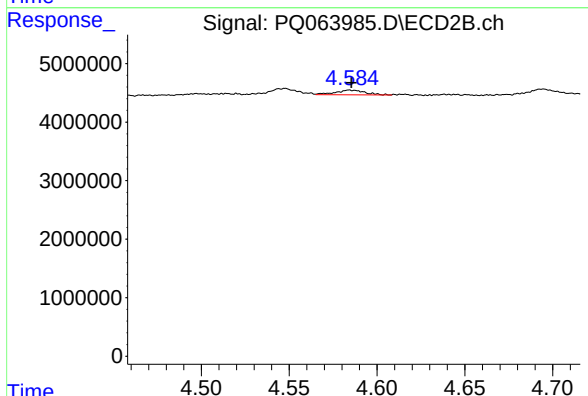
R.T.: 0.000 min
Exp R.T.: 4.209 min
Response: 0
Conc: N.D.



#25 AR-1248-5

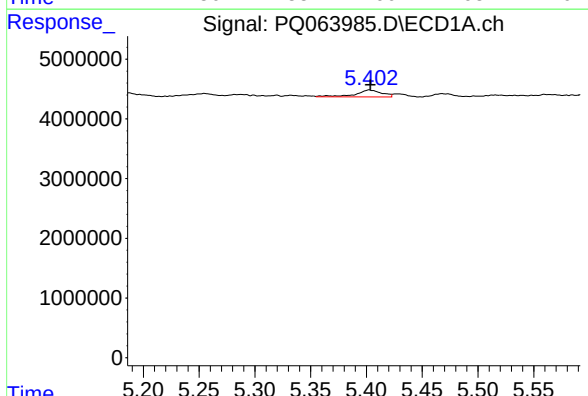
R.T.: 5.468 min
Delta R.T.: 0.002 min
Response: 635623
Conc: 3.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



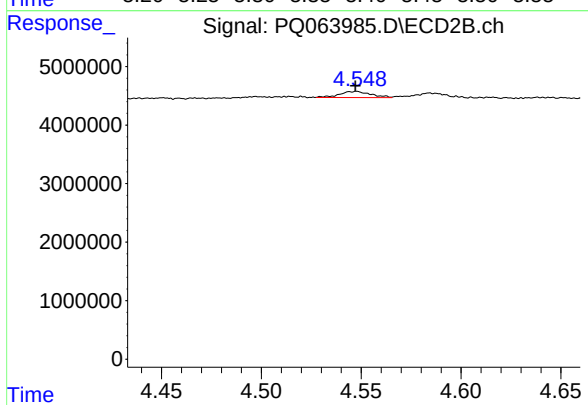
#25 AR-1248-5

R.T.: 4.584 min
Delta R.T.: -0.001 min
Response: 937625
Conc: 6.34 ng/ml



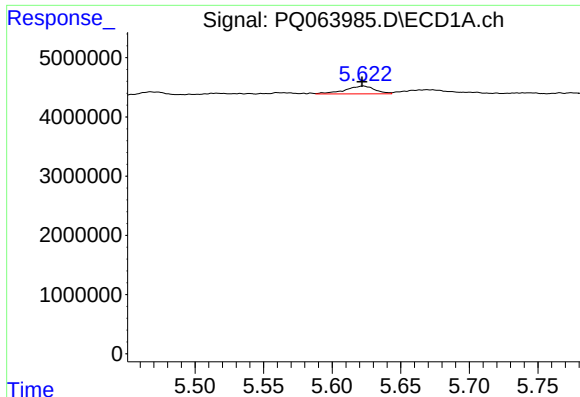
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: -0.001 min
Response: 1921285
Conc: 11.07 ng/ml



#26 AR-1254-1

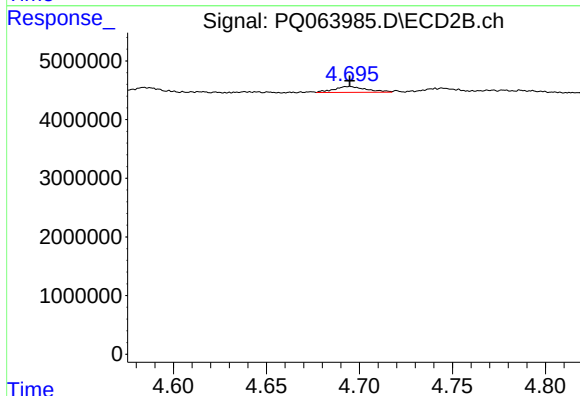
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 1139504
Conc: 5.21 ng/ml



#27 AR-1254-2

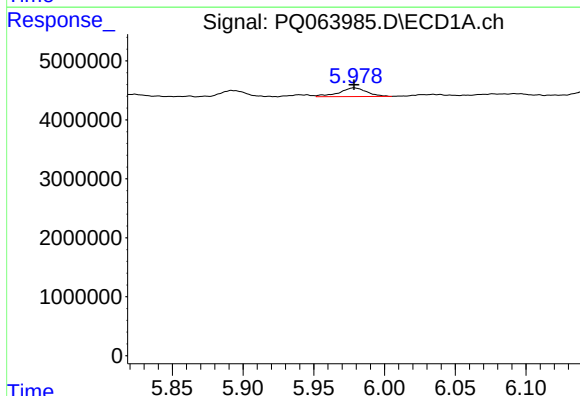
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 1997098
Conc: 7.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



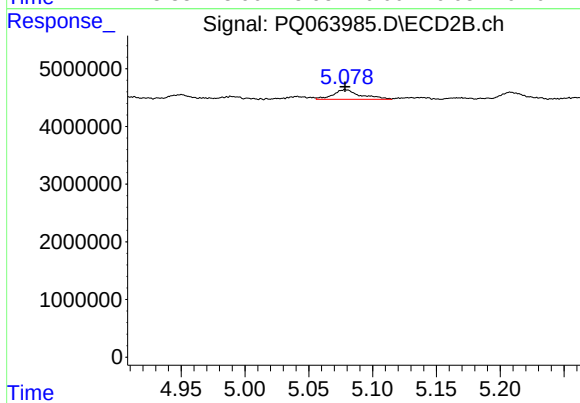
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 1225329
Conc: 6.43 ng/ml



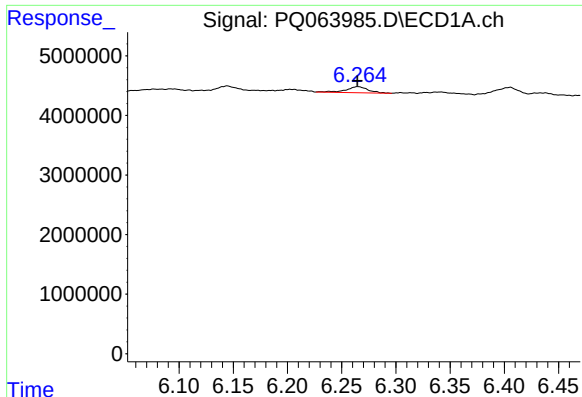
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 1990083
Conc: 7.24 ng/ml



#28 AR-1254-3

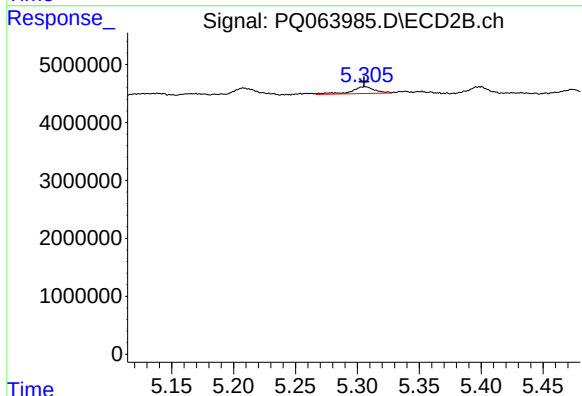
R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 2501587
Conc: 8.42 ng/ml



#29 AR-1254-4

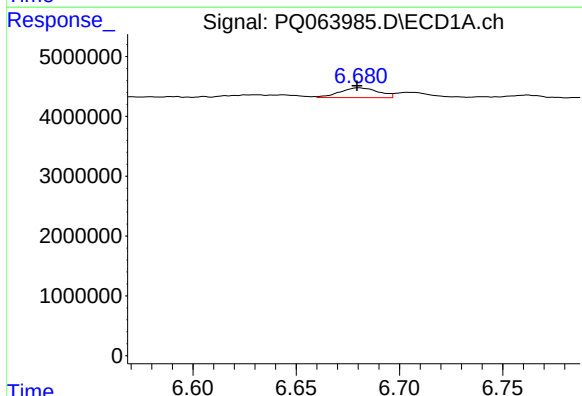
R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 1437093
Conc: 7.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



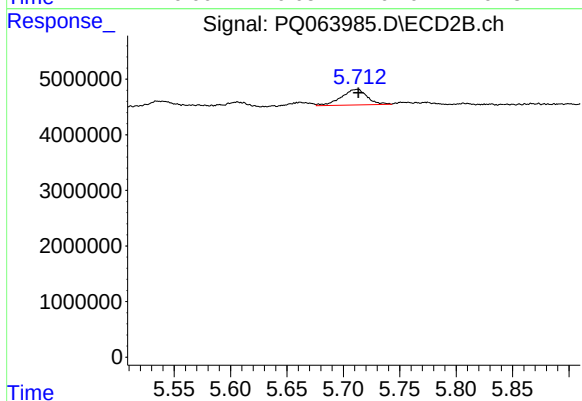
#29 AR-1254-4

R.T.: 5.307 min
Delta R.T.: 0.001 min
Response: 1570647
Conc: 8.32 ng/ml



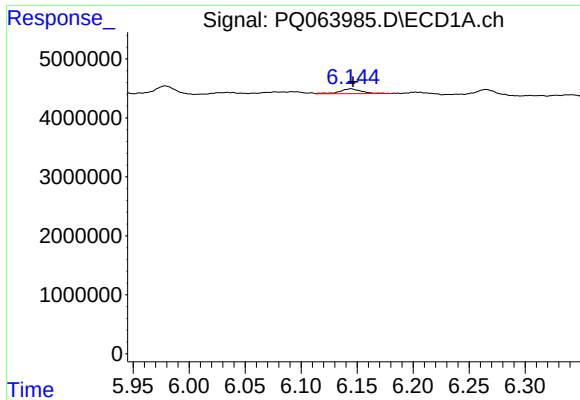
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 2125886
Conc: 9.72 ng/ml



#30 AR-1254-5

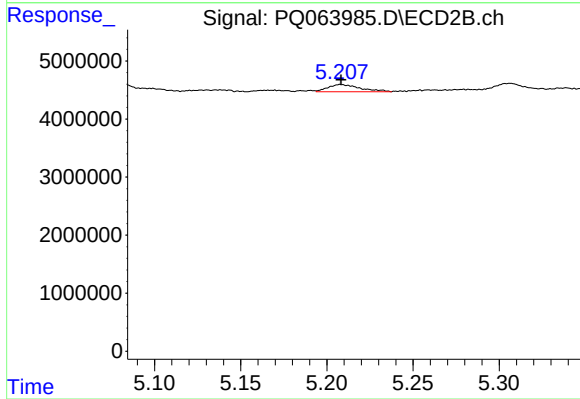
R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 4490951
Conc: 16.51 ng/ml



#31 AR-1260-1

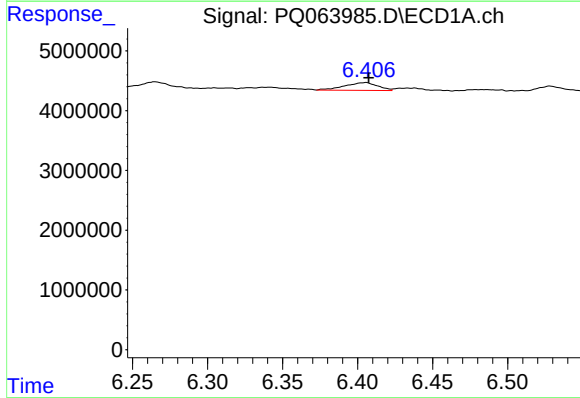
R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 1126994
Conc: 5.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



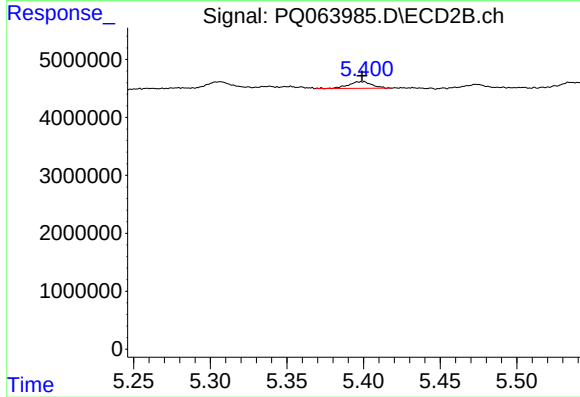
#31 AR-1260-1

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 1609948
Conc: 7.66 ng/ml



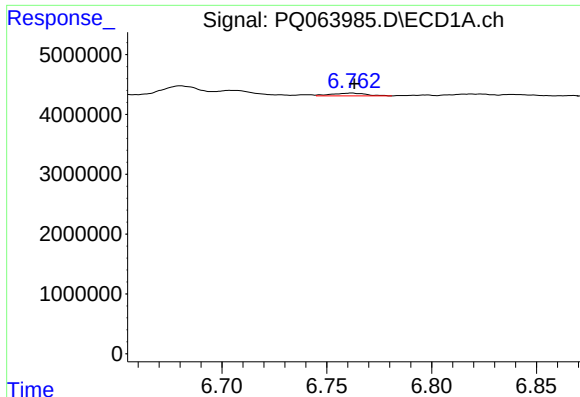
#32 AR-1260-2

R.T.: 6.405 min
Delta R.T.: -0.002 min
Response: 1997228
Conc: 7.67 ng/ml



#32 AR-1260-2

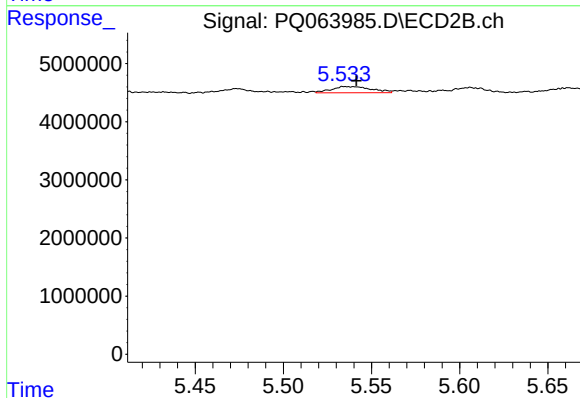
R.T.: 5.401 min
Delta R.T.: 0.002 min
Response: 1260213
Conc: 5.06 ng/ml



#33 AR-1260-3

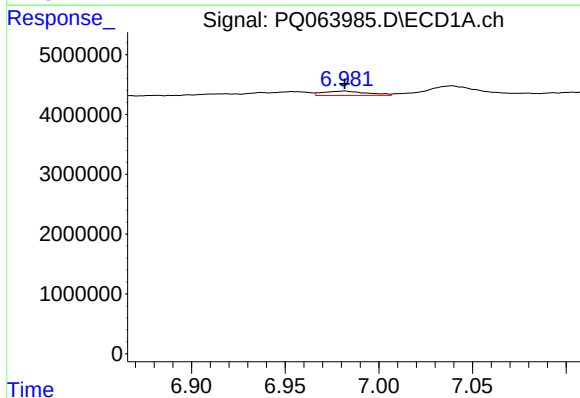
R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 519772
Conc: 2.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



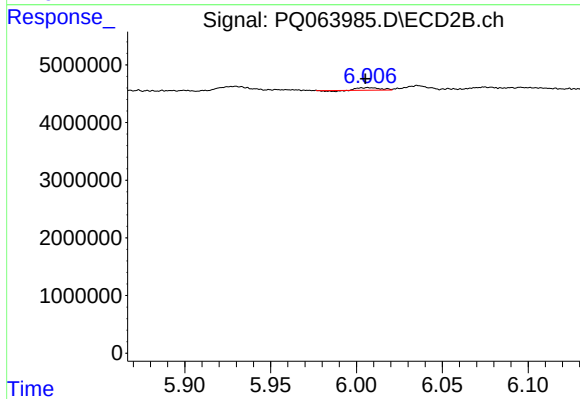
#33 AR-1260-3

R.T.: 5.534 min
Delta R.T.: -0.007 min
Response: 1690311
Conc: 7.12 ng/ml



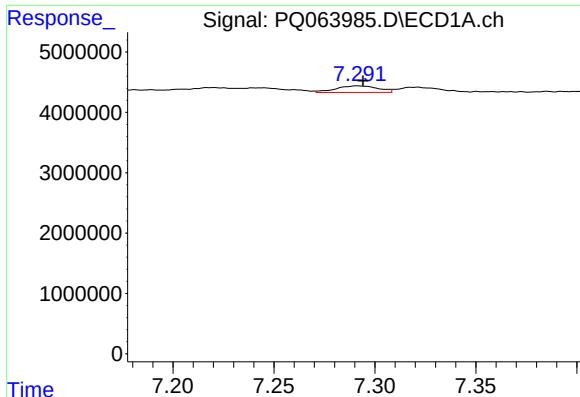
#34 AR-1260-4

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 1196691
Conc: 5.57 ng/ml



#34 AR-1260-4

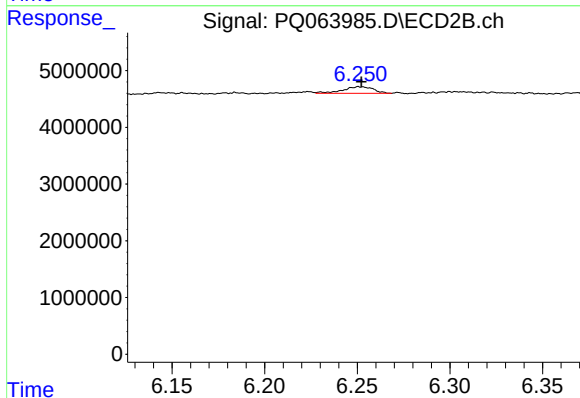
R.T.: 6.007 min
Delta R.T.: 0.001 min
Response: 371895
Conc: 1.84 ng/ml



#35 AR-1260-5

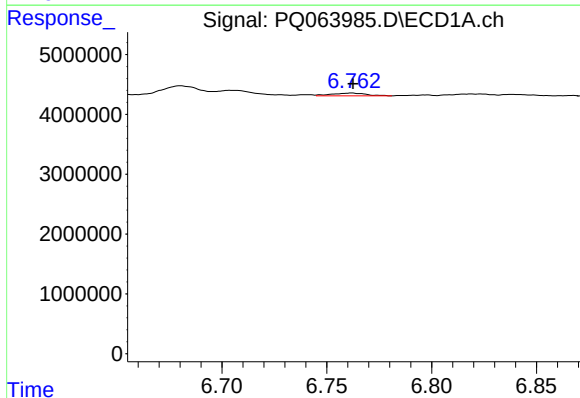
R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 1563143
Conc: 3.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



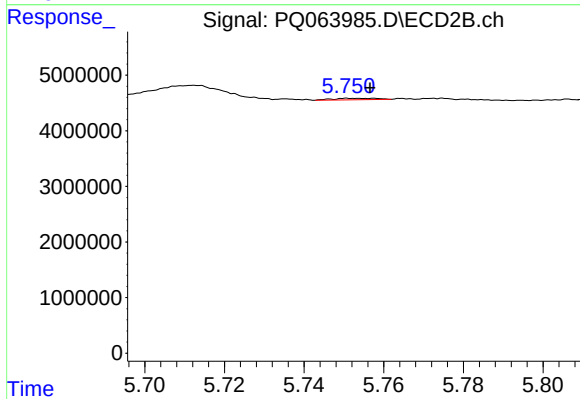
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 1344758
Conc: 2.88 ng/ml



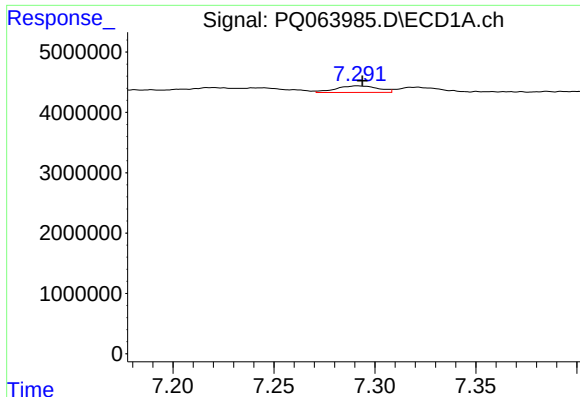
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 519772
Conc: 1.84 ng/ml



#36 AR-1262-1

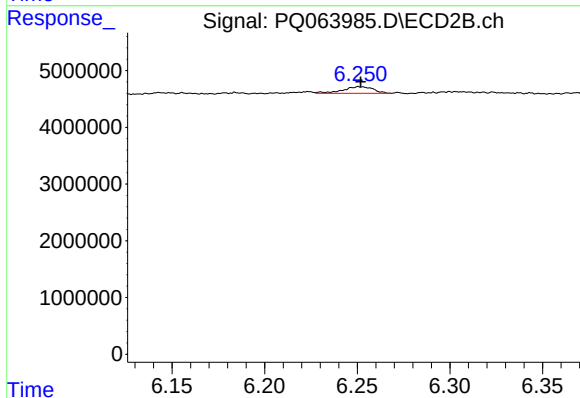
R.T.: 5.751 min
Delta R.T.: -0.006 min
Response: 193028
Conc: 0.67 ng/ml



#37 AR-1262-2

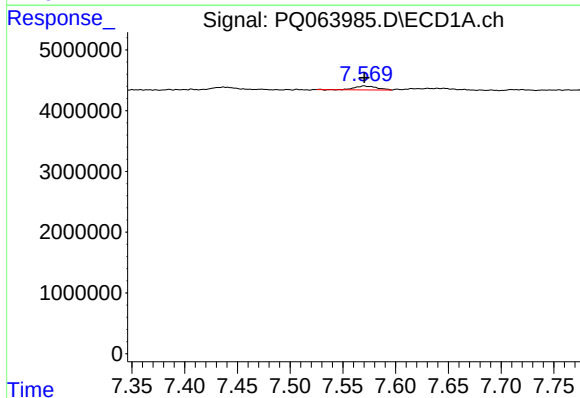
R.T.: 7.291 min
Delta R.T.: -0.002 min
Response: 1563143
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



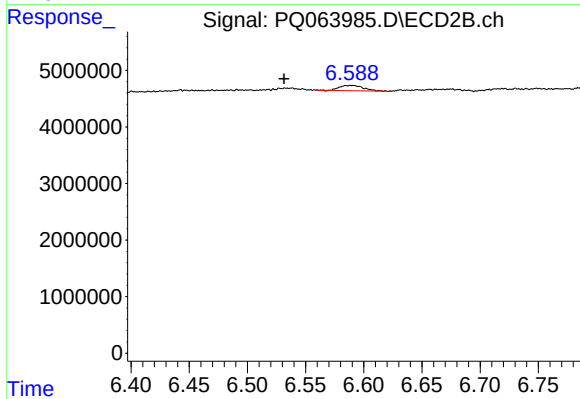
#37 AR-1262-2

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 1344758
Conc: 2.57 ng/ml



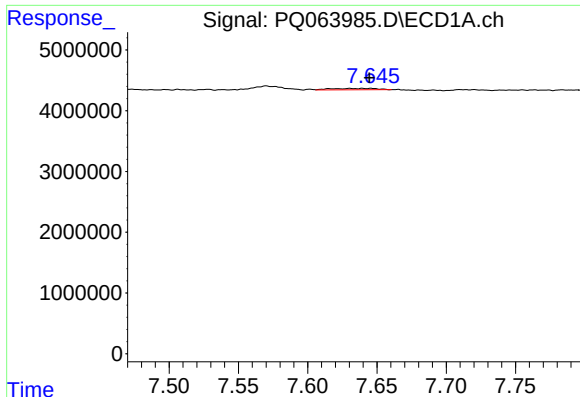
#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 919310
Conc: 2.97 ng/ml



#38 AR-1262-3

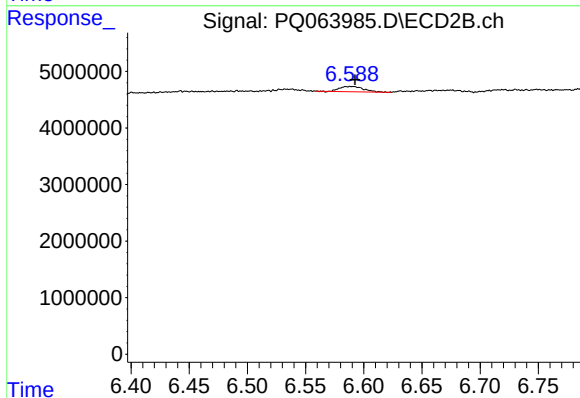
R.T.: 6.588 min
Delta R.T.: 0.057 min
Response: 1364747
Conc: 6.35 ng/ml



#39 AR-1262-4

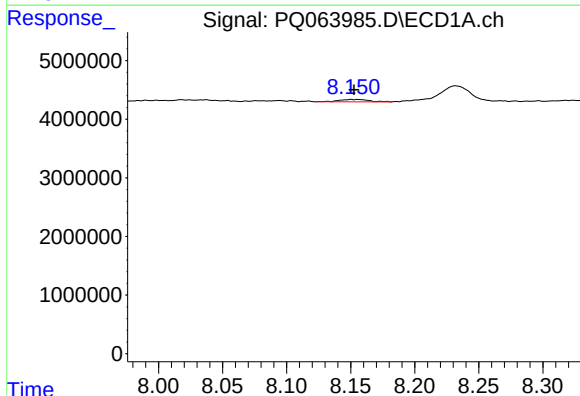
R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 543156
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



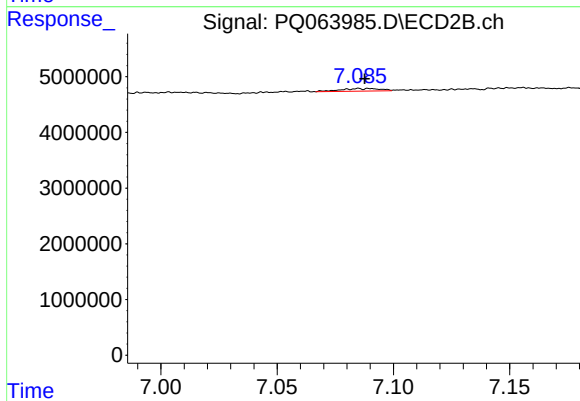
#39 AR-1262-4

R.T.: 6.588 min
Delta R.T.: -0.004 min
Response: 1364747
Conc: 3.42 ng/ml



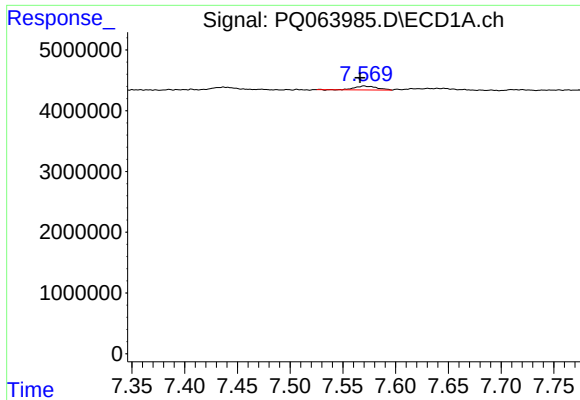
#40 AR-1262-5

R.T.: 8.151 min
Delta R.T.: -0.002 min
Response: 653952
Conc: 4.16 ng/ml



#40 AR-1262-5

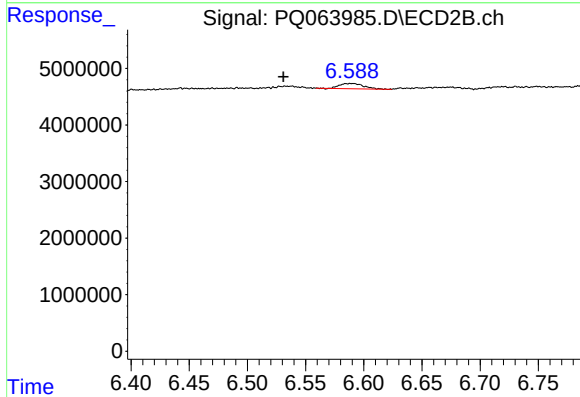
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 575749
Conc: 2.87 ng/ml



#41 AR-1268-1

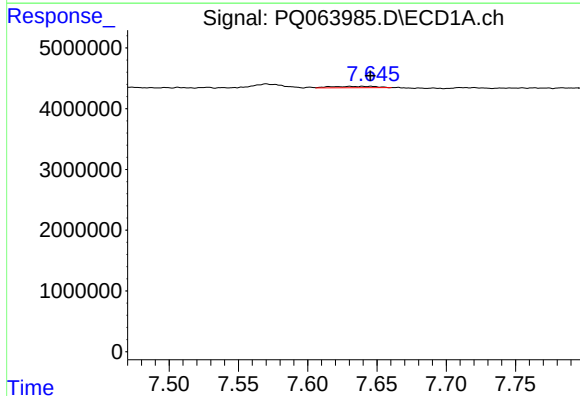
R.T.: 7.570 min
Delta R.T.: 0.004 min
Response: 919310
Conc: 1.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



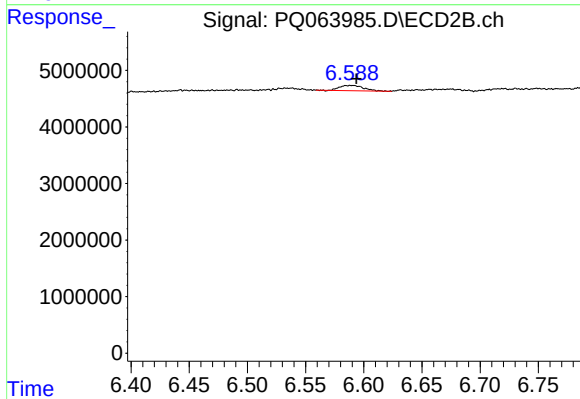
#41 AR-1268-1

R.T.: 6.588 min
Delta R.T.: 0.058 min
Response: 1364747
Conc: 2.23 ng/ml



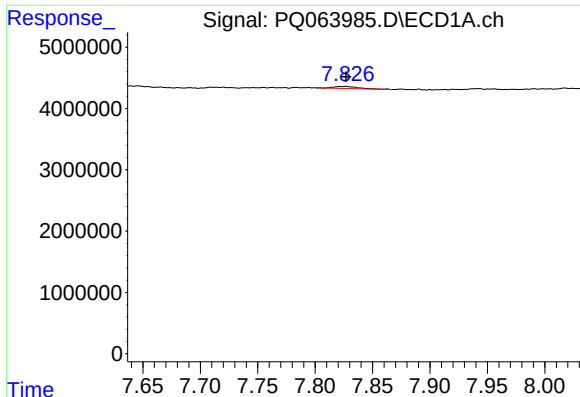
#42 AR-1268-2

R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 543156
Conc: 1.12 ng/ml



#42 AR-1268-2

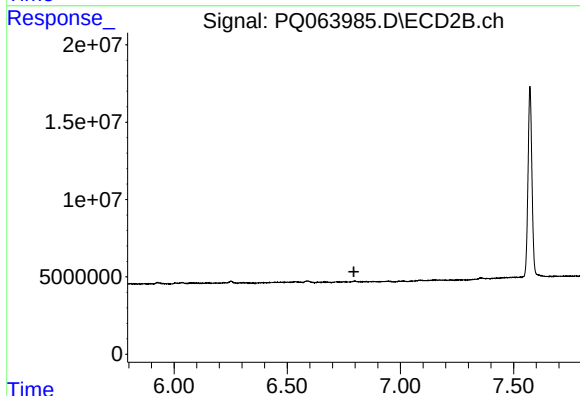
R.T.: 6.588 min
Delta R.T.: -0.005 min
Response: 1364747
Conc: 2.45 ng/ml



#43 AR-1268-3

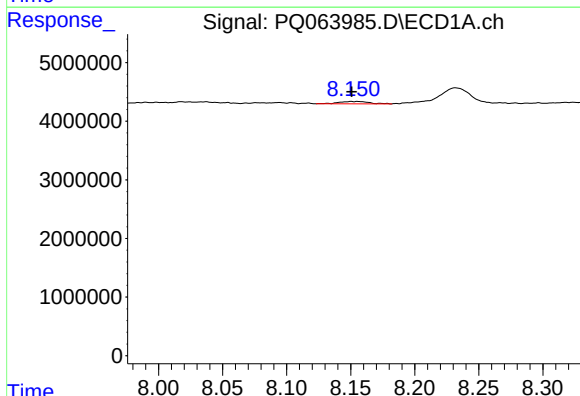
R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 544283
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



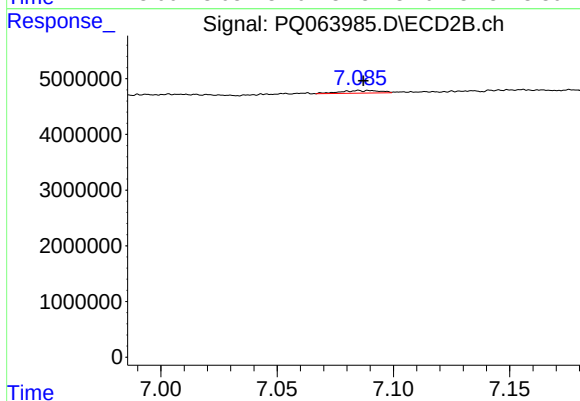
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 6.795 min
Response: 0
Conc: N.D.



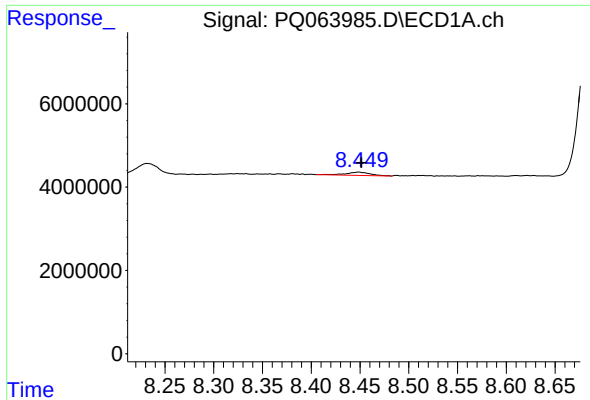
#44 AR-1268-4

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 653952
Conc: 3.77 ng/ml



#44 AR-1268-4

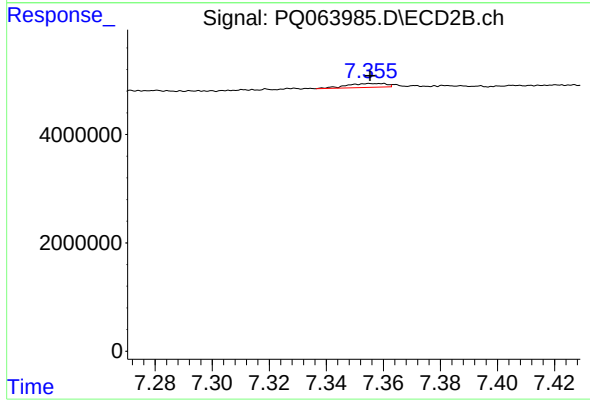
R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 575749
Conc: 2.71 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: -0.003 min
Response: 1329218
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 674613
Conc: 0.37 ng/ml