

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102924\
 Data File : PQ069393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 10:08
 Operator : YP\AJ
 Sample : AIBLK003
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 01:50:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 08 08:10:43 2024
 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...	3.330	2.738	220.1E6	246.2E6	18.606	21.821
2)	SA Decachlor...	8.457	7.473	142.4E6	246.3E6	33.972	39.597
Target Compounds							
3)	L1 AR-1016-1	4.381f	0.000	983146	0	2.610	N.D. #
4)	L1 AR-1016-2	4.381f	0.000	983146	0	1.757	N.D. #
5)	L1 AR-1016-3	4.562f	0.000	292086	0	0.861	N.D. #
6)	L1 AR-1016-4	4.609	0.000	665173	0	2.345	N.D. #
7)	L1 AR-1016-5	0.000	4.216f	0	6749334	N.D.	21.750 #
8)	L2 AR-1221-1	0.000	3.004f	0	4189233	N.D.	32.137 #
9)	L2 AR-1221-2	3.605	3.004	3782976	4189233	41.467	45.354
10)	L2 AR-1221-3	3.741f	0.000	1366216	0	4.610	N.D. #
11)	L3 AR-1232-1	3.741f	0.000	1366216	0	5.582	N.D. #
12)	L3 AR-1232-2	4.155	0.000	784138	0	5.924	N.D. #
13)	L3 AR-1232-3	4.381f	0.000	983146	0	3.879	N.D. #
14)	L3 AR-1232-4	4.609	0.000	665173	0	5.299	N.D. #
15)	L3 AR-1232-5	4.673	4.216f	687374	6749334	8.479	52.587 #
16)	L4 AR-1242-1	4.381f	0.000	983146	0	3.154	N.D. #
17)	L4 AR-1242-2	4.381f	0.000	983146	0	2.100	N.D. #
18)	L4 AR-1242-3	4.562f	0.000	292086	0	1.026	N.D. #
19)	L4 AR-1242-4	4.562	0.000	292086	0	1.228	N.D. #
20)	L4 AR-1242-5	5.257f	4.480	5880224	608217	23.654	1.902 #
21)	L5 AR-1248-1	4.381f	0.000	983146	0	4.263	N.D. #
22)	L5 AR-1248-2	4.673	0.000	687374	0	2.219	N.D. #
24)	L5 AR-1248-4	5.257	4.216f	5880224	6749334	13.523	15.541
25)	L5 AR-1248-5	5.257f	4.499	5880224	921731	13.852	2.067 #
26)	L6 AR-1254-1	5.235	4.480	8736606	608217	20.239	0.924 #
27)	L6 AR-1254-2	5.439	0.000	2212629	0	3.291	N.D. #
28)	L6 AR-1254-3	5.786	5.010	9220355	19255368	12.663	20.864 #
29)	L6 AR-1254-4	6.101	5.231	7868669	2166072	14.888	3.599 #
30)	L6 AR-1254-5	6.499	0.000	8337264	0	14.233	N.D. #
31)	L7 AR-1260-1	5.968	5.136	3928228	2793272	8.035	4.861 #
32)	L7 AR-1260-2	6.218	5.326	5190967	551879	8.773	0.781 #
33)	L7 AR-1260-3	6.588	5.483	2130564	1284869	4.866	1.919 #
34)	L7 AR-1260-4	6.755f	5.954	165727	1105177	0.339	1.905 #
35)	L7 AR-1260-5	7.110	0.000	511854	0	0.507	N.D. #
36)	L8 AR-1262-1	6.755f	0.000	165727	0	0.261	N.D. #
37)	L8 AR-1262-2	7.110	5.954	511854	1105177	0.416	1.377 #
38)	L8 AR-1262-3	0.000	6.510f	0	2708656	N.D.	4.204 #
39)	L8 AR-1262-4	0.000	6.510	0	2708656	N.D.	2.322 #
40)	L8 AR-1262-5	7.956	6.957f	545212	2128024	1.399	3.968 #
41)	L9 AR-1268-1	0.000	6.510f	0	2708656	N.D.	1.520 #
42)	L9 AR-1268-2	0.000	6.510	0	2708656	N.D.	1.648 #

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Quant Time: Oct 30 01:50:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 08 08:10:43 2024
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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
43)	L9 AR-1268-3	7.640	6.657f	1063588	605575	1.049	0.429 #
44)	L9 AR-1268-4	7.956	6.957f	545212	2128024	1.323	3.722 #
45)	L9 AR-1268-5	0.000	7.262	0	2918622	N.D.	0.673 #

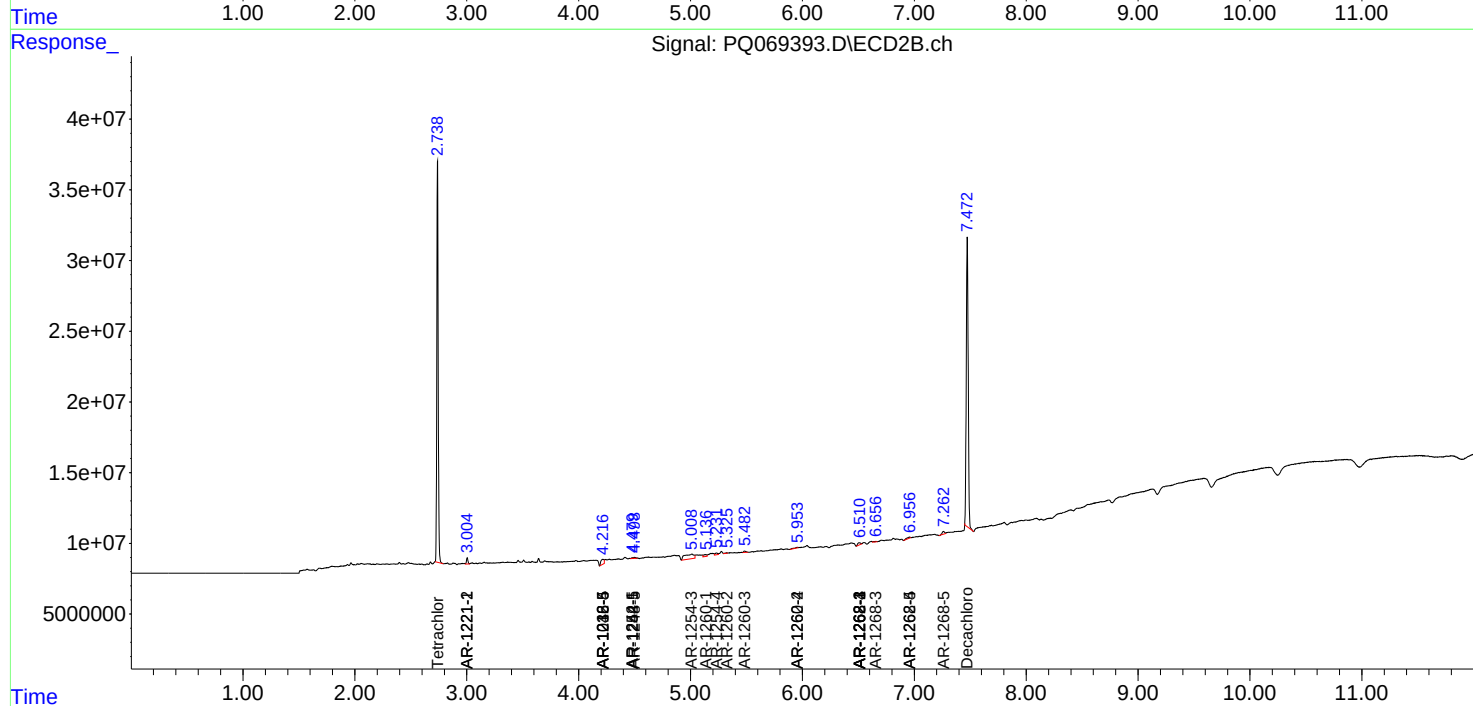
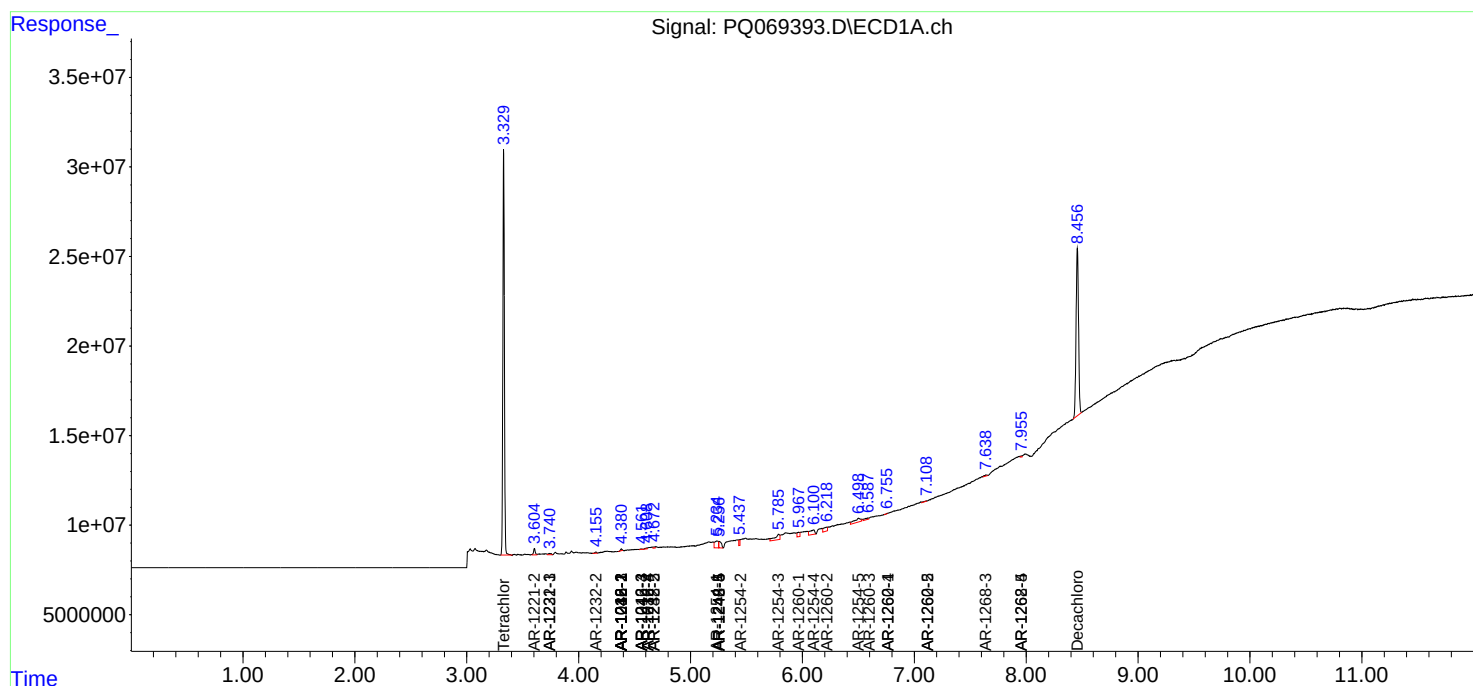
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

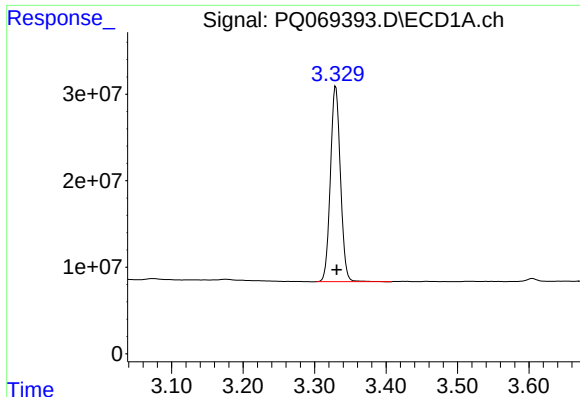
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

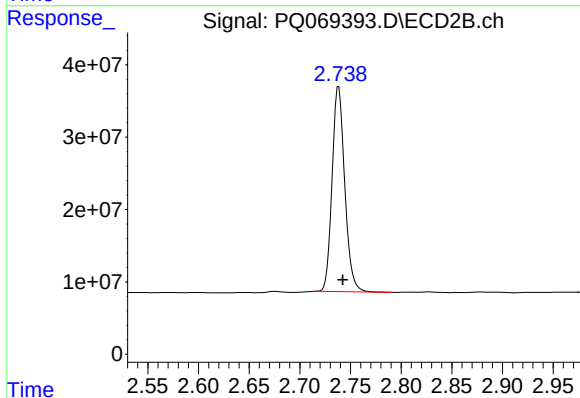




#1 Tetrachloro-m-xylene

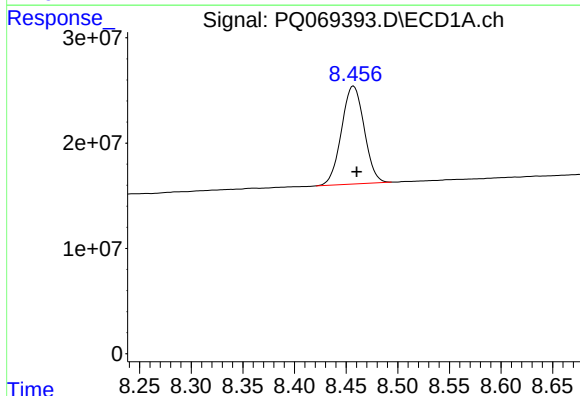
R.T.: 3.330 min
Delta R.T.: -0.001 min
Response: 220120417
Conc: 18.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



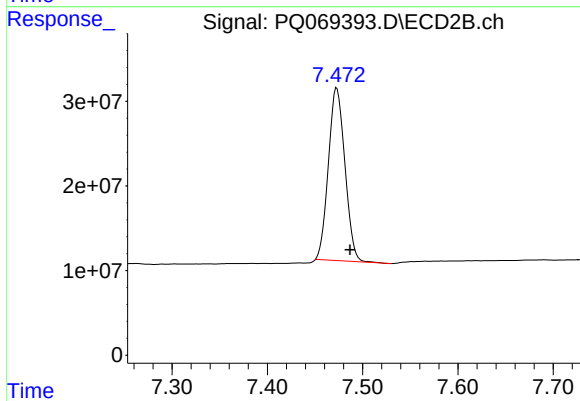
#1 Tetrachloro-m-xylene

R.T.: 2.738 min
Delta R.T.: -0.004 min
Response: 246228930
Conc: 21.82 ng/ml



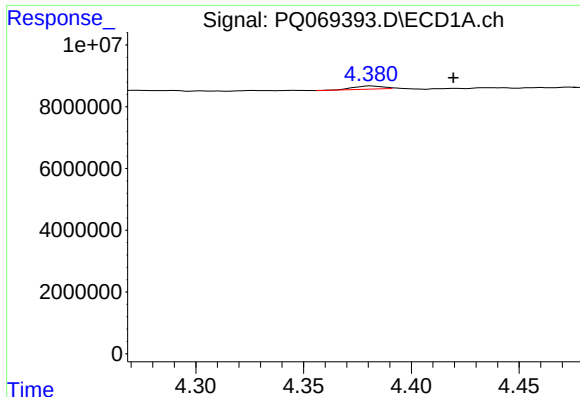
#2 Decachlorobiphenyl

R.T.: 8.457 min
Delta R.T.: -0.003 min
Response: 142374143
Conc: 33.97 ng/ml



#2 Decachlorobiphenyl

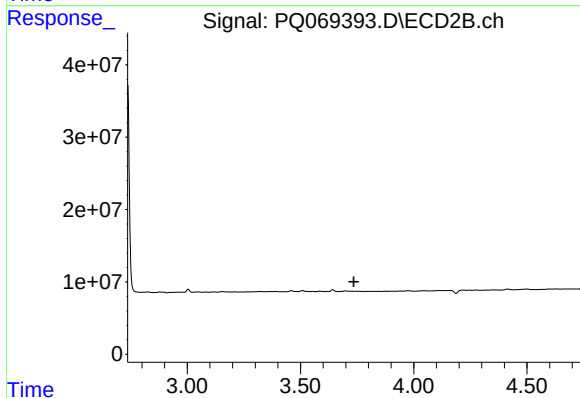
R.T.: 7.473 min
Delta R.T.: -0.014 min
Response: 246280661
Conc: 39.60 ng/ml



#3 AR-1016-1

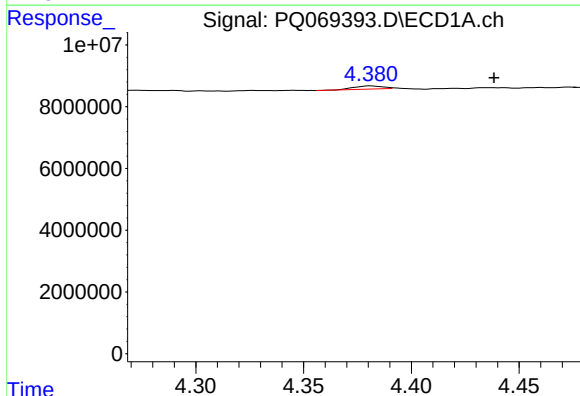
R.T.: 4.381 min
Delta R.T.: -0.038 min
Response: 983146
Conc: 2.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



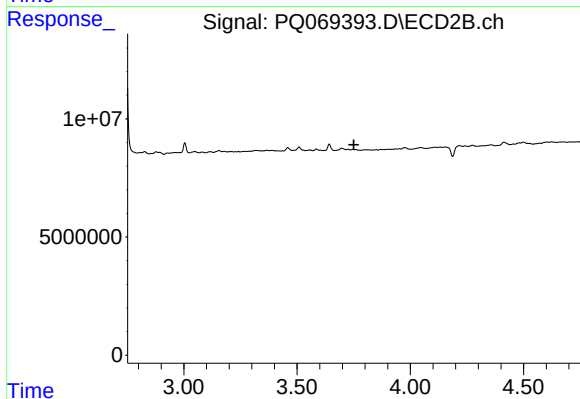
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.735 min
Response: 0
Conc: N.D.



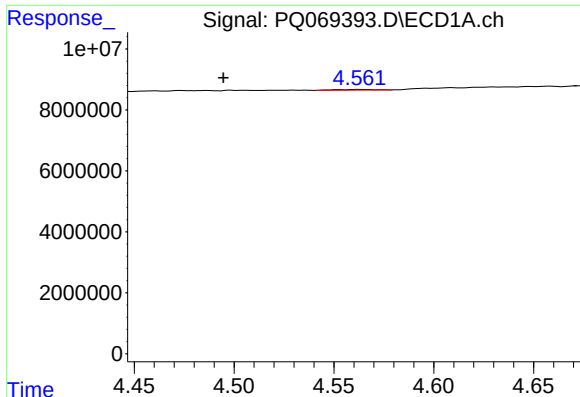
#4 AR-1016-2

R.T.: 4.381 min
Delta R.T.: -0.057 min
Response: 983146
Conc: 1.76 ng/ml



#4 AR-1016-2

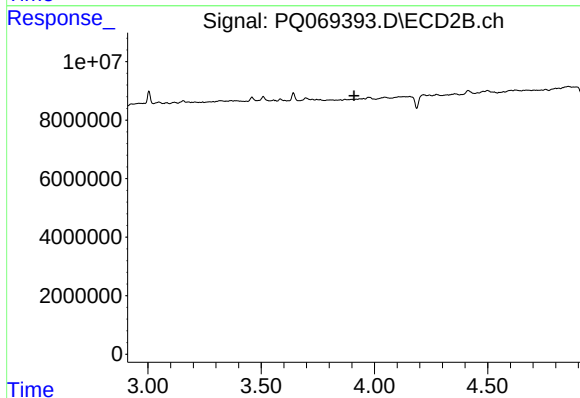
R.T.: 0.000 min
Exp R.T. : 3.751 min
Response: 0
Conc: N.D.



#5 AR-1016-3

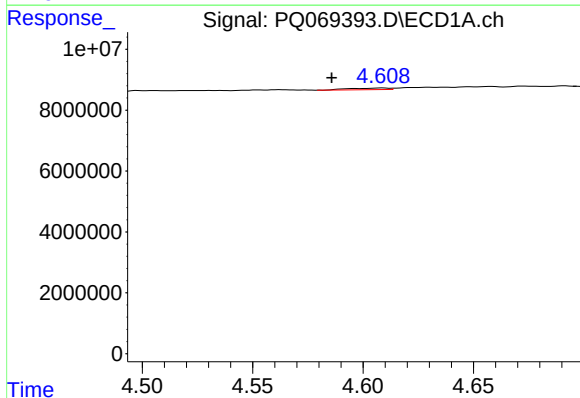
R.T.: 4.562 min
Delta R.T.: 0.067 min
Response: 292086
Conc: 0.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



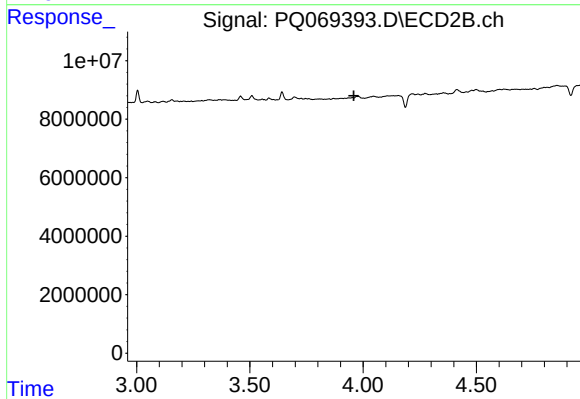
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.910 min
Response: 0
Conc: N.D.



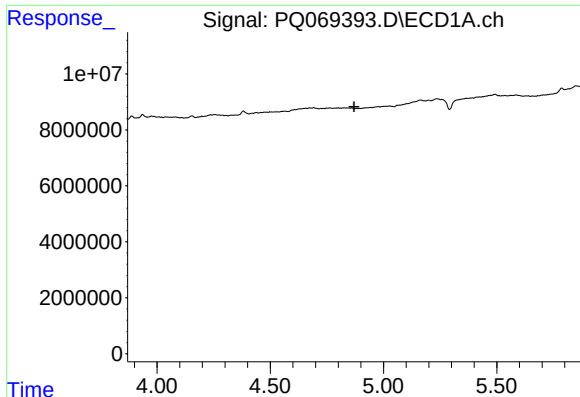
#6 AR-1016-4

R.T.: 4.609 min
Delta R.T.: 0.023 min
Response: 665173
Conc: 2.35 ng/ml



#6 AR-1016-4

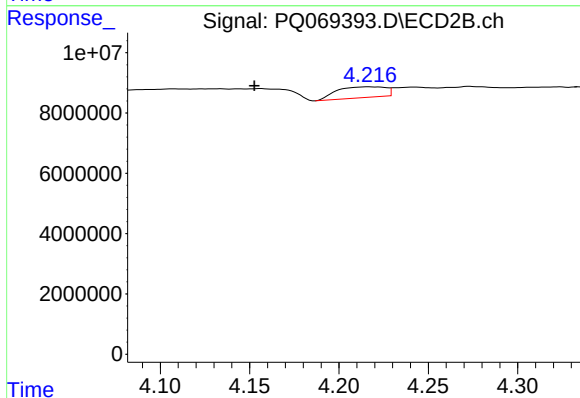
R.T.: 0.000 min
Exp R.T. : 3.959 min
Response: 0
Conc: N.D.



#7 AR-1016-5

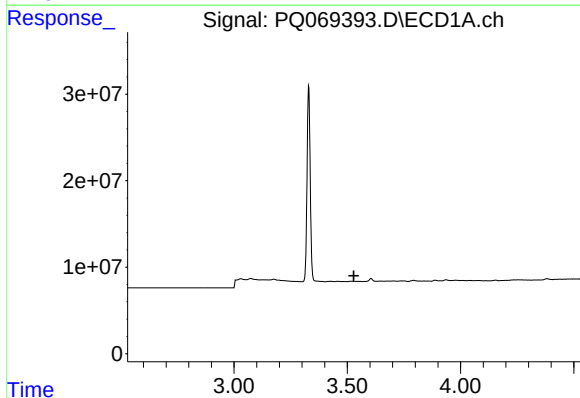
R.T.: 0.000 min
Exp R.T.: 4.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



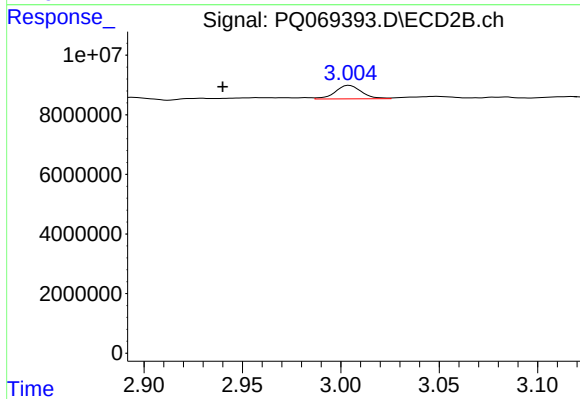
#7 AR-1016-5

R.T.: 4.216 min
Delta R.T.: 0.064 min
Response: 6749334
Conc: 21.75 ng/ml



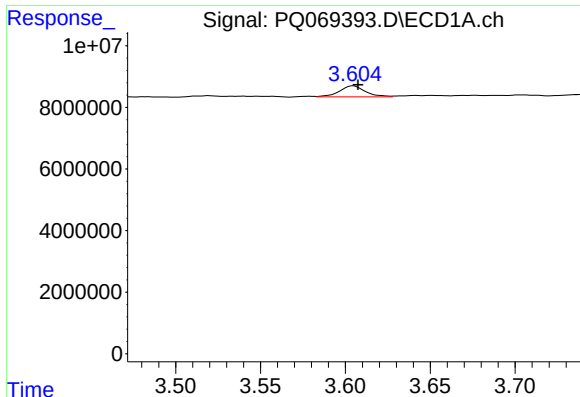
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.529 min
Response: 0
Conc: N.D.



#8 AR-1221-1

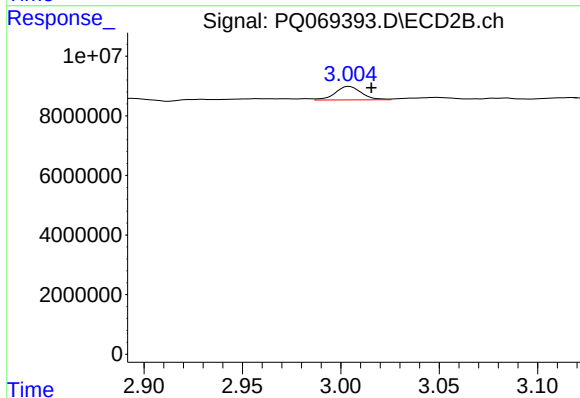
R.T.: 3.004 min
Delta R.T.: 0.064 min
Response: 4189233
Conc: 32.14 ng/ml



#9 AR-1221-2

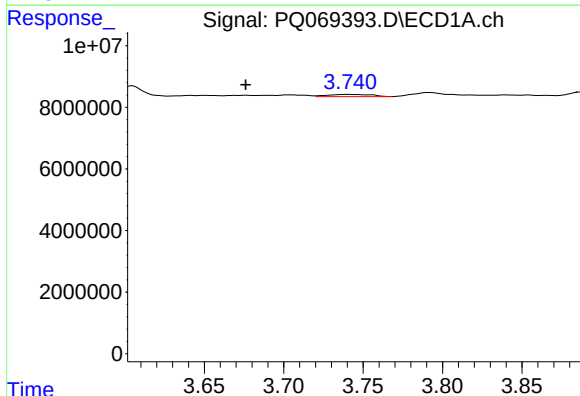
R.T.: 3.605 min
Delta R.T.: -0.003 min
Response: 3782976
Conc: 41.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



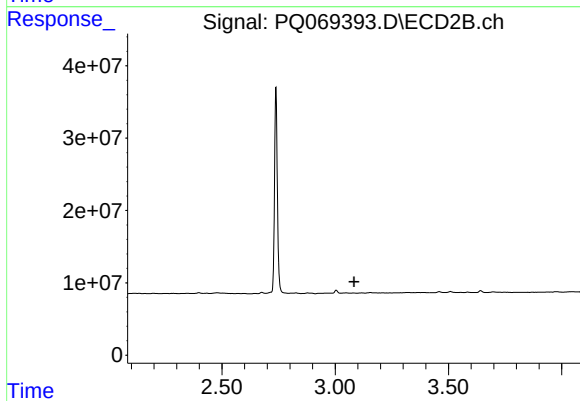
#9 AR-1221-2

R.T.: 3.004 min
Delta R.T.: -0.011 min
Response: 4189233
Conc: 45.35 ng/ml



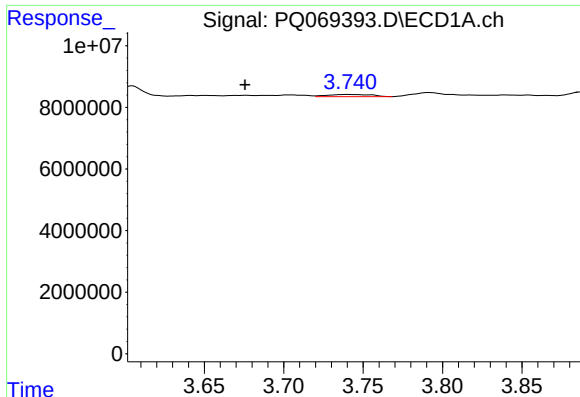
#10 AR-1221-3

R.T.: 3.741 min
Delta R.T.: 0.065 min
Response: 1366216
Conc: 4.61 ng/ml



#10 AR-1221-3

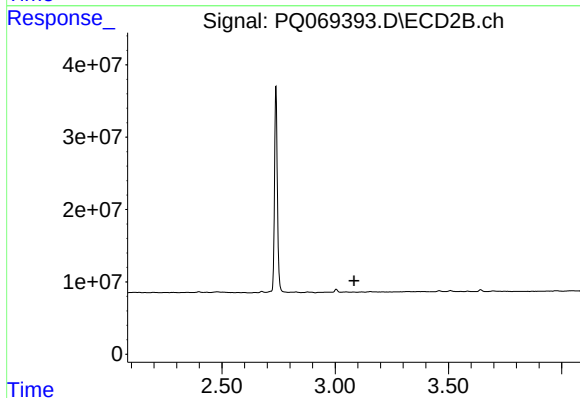
R.T.: 0.000 min
Exp R.T. : 3.083 min
Response: 0
Conc: N.D.



#11 AR-1232-1

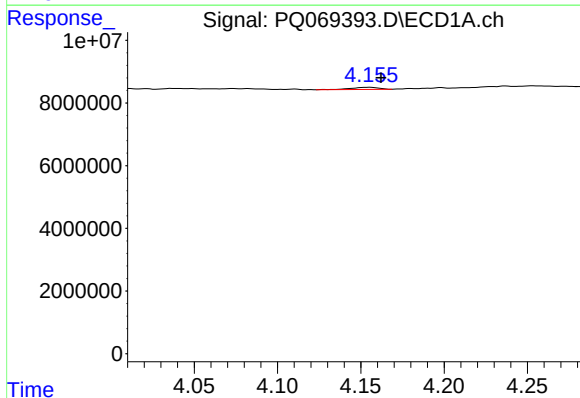
R.T.: 3.741 min
Delta R.T.: 0.065 min
Response: 1366216
Conc: 5.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



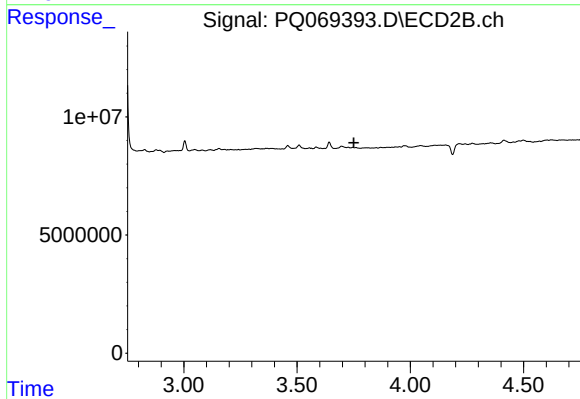
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.083 min
Response: 0
Conc: N.D.



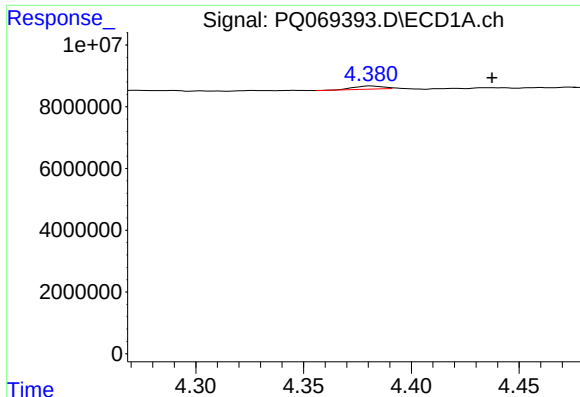
#12 AR-1232-2

R.T.: 4.155 min
Delta R.T.: -0.007 min
Response: 784138
Conc: 5.92 ng/ml



#12 AR-1232-2

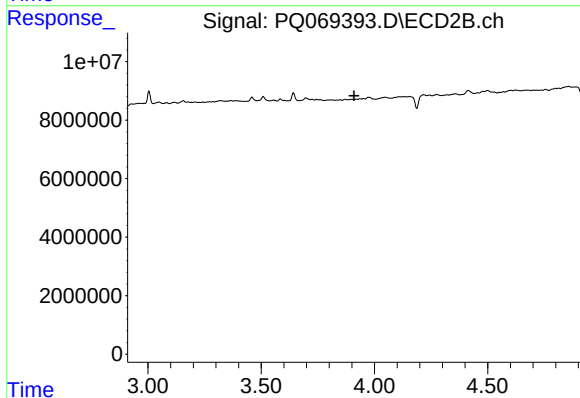
R.T.: 0.000 min
Exp R.T. : 3.751 min
Response: 0
Conc: N.D.



#13 AR-1232-3

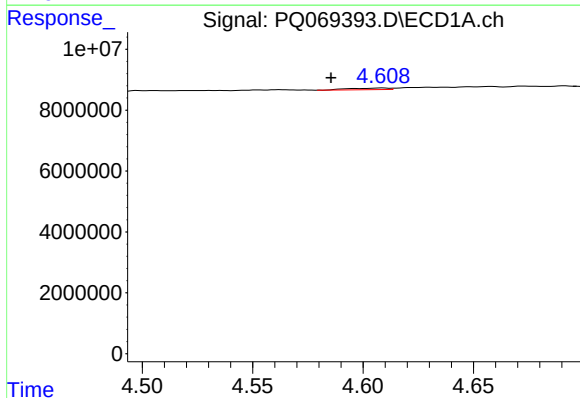
R.T.: 4.381 min
Delta R.T.: -0.056 min
Response: 983146
Conc: 3.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



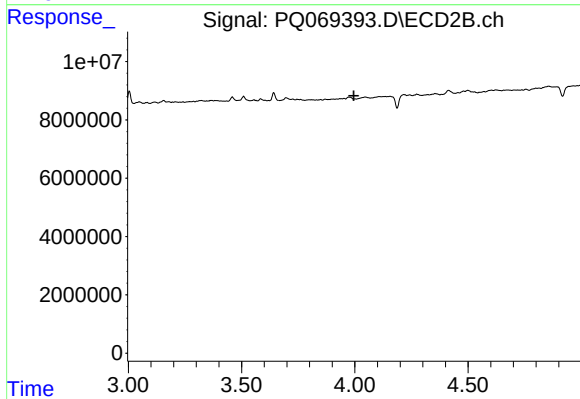
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 3.910 min
Response: 0
Conc: N.D.



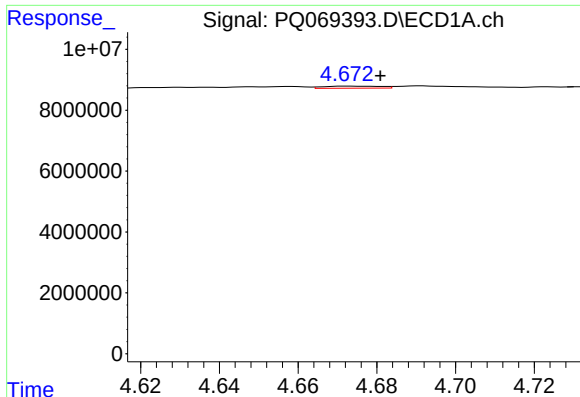
#14 AR-1232-4

R.T.: 4.609 min
Delta R.T.: 0.023 min
Response: 665173
Conc: 5.30 ng/ml



#14 AR-1232-4

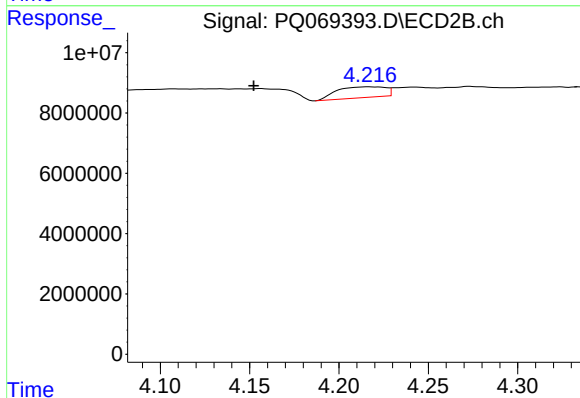
R.T.: 0.000 min
Exp R.T. : 3.996 min
Response: 0
Conc: N.D.



#15 AR-1232-5

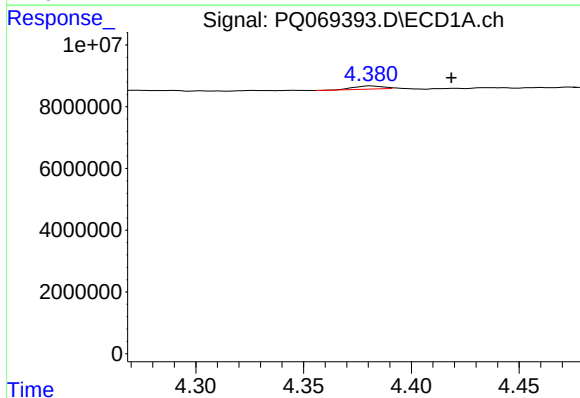
R.T.: 4.673 min
Delta R.T.: -0.008 min
Response: 687374
Conc: 8.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



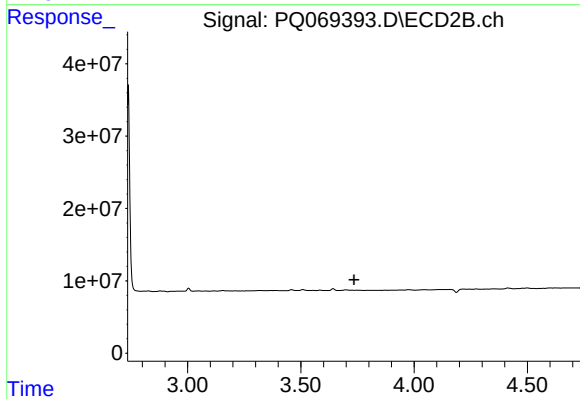
#15 AR-1232-5

R.T.: 4.216 min
Delta R.T.: 0.064 min
Response: 6749334
Conc: 52.59 ng/ml



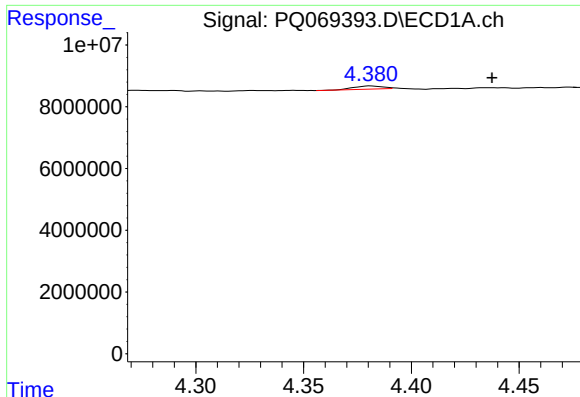
#16 AR-1242-1

R.T.: 4.381 min
Delta R.T.: -0.037 min
Response: 983146
Conc: 3.15 ng/ml



#16 AR-1242-1

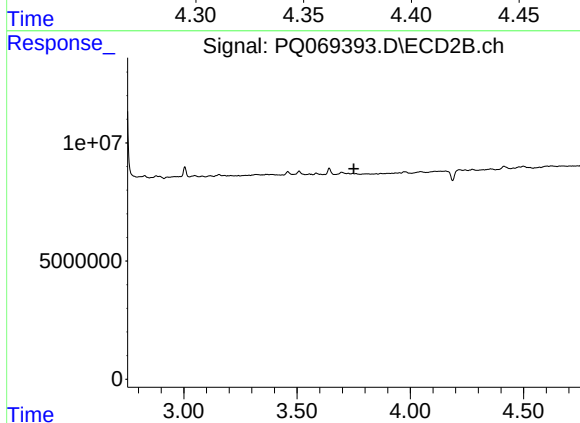
R.T.: 0.000 min
Exp R.T.: 3.735 min
Response: 0
Conc: N.D.



#17 AR-1242-2

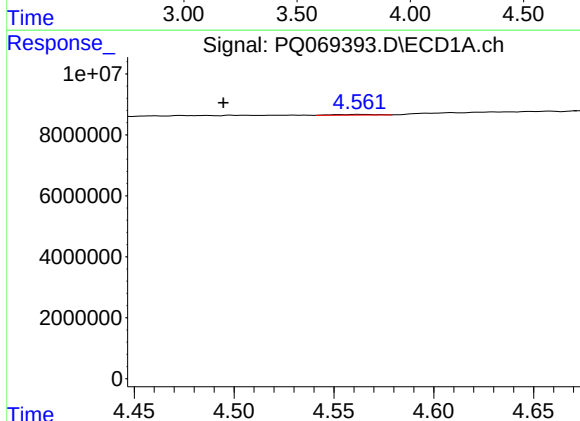
R.T.: 4.381 min
Delta R.T.: -0.056 min
Response: 983146
Conc: 2.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



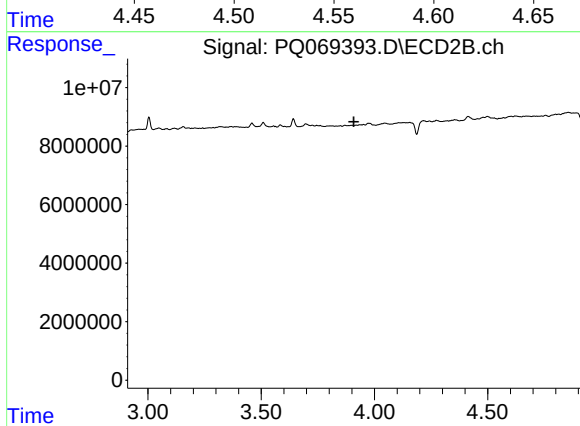
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 3.750 min
Response: 0
Conc: N.D.



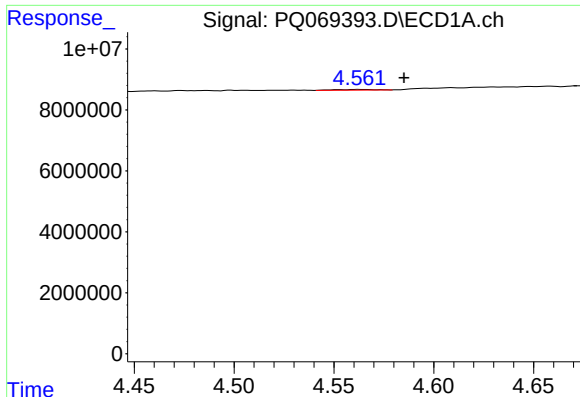
#18 AR-1242-3

R.T.: 4.562 min
Delta R.T.: 0.067 min
Response: 292086
Conc: 1.03 ng/ml



#18 AR-1242-3

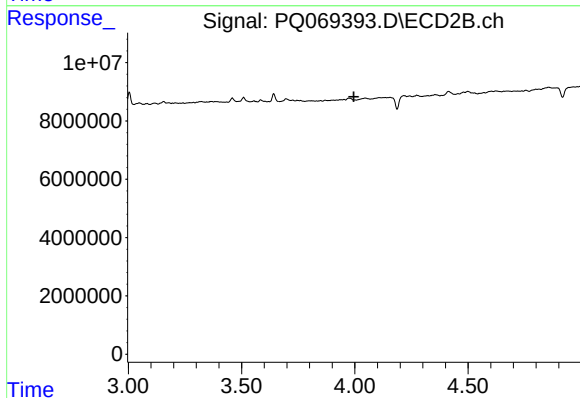
R.T.: 0.000 min
Exp R.T. : 3.909 min
Response: 0
Conc: N.D.



#19 AR-1242-4

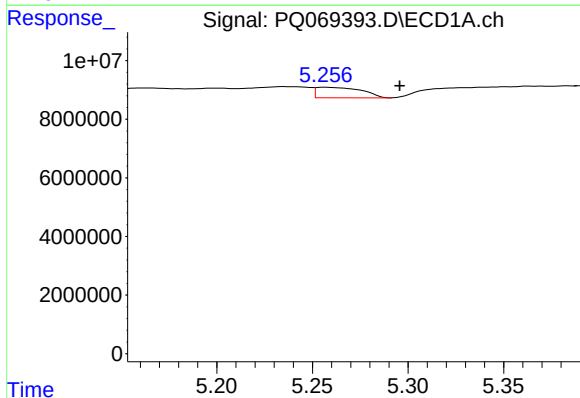
R.T.: 4.562 min
Delta R.T.: -0.023 min
Response: 292086
Conc: 1.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



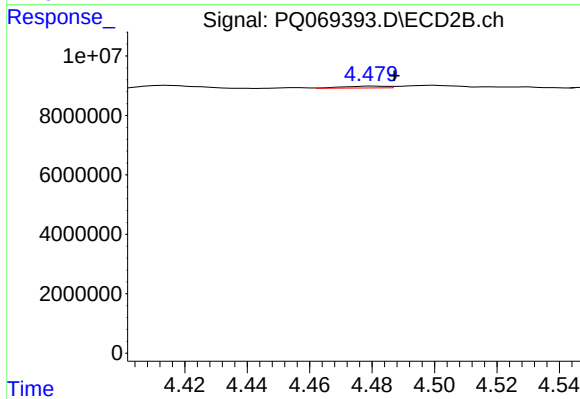
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 3.995 min
Response: 0
Conc: N.D.



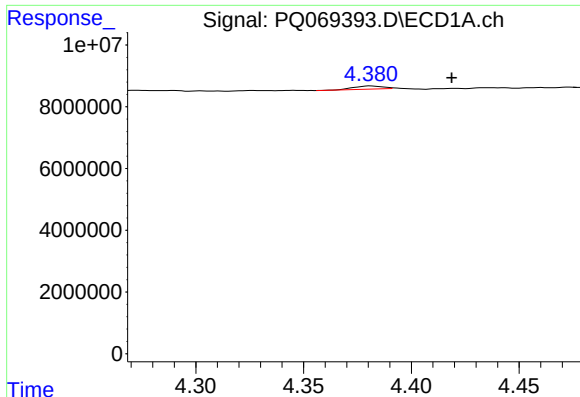
#20 AR-1242-5

R.T.: 5.257 min
Delta R.T.: -0.039 min
Response: 5880224
Conc: 23.65 ng/ml



#20 AR-1242-5

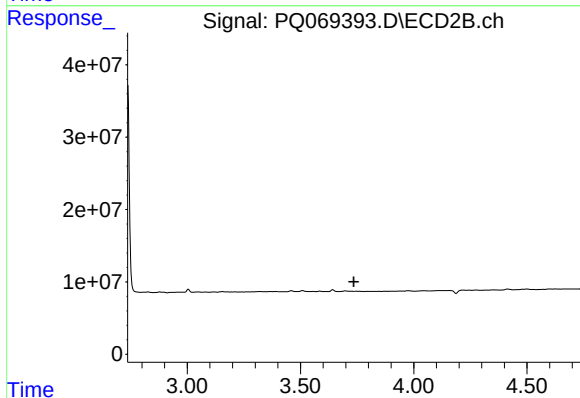
R.T.: 4.480 min
Delta R.T.: -0.007 min
Response: 608217
Conc: 1.90 ng/ml



#21 AR-1248-1

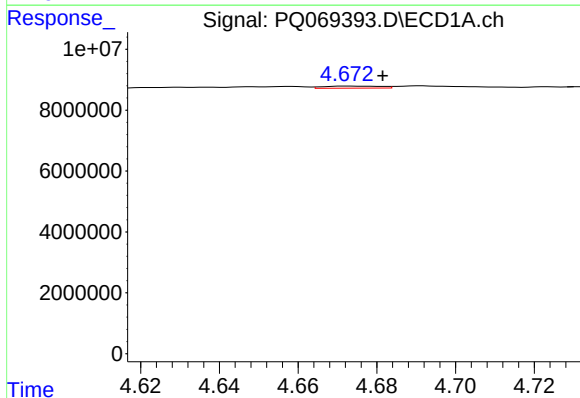
R.T.: 4.381 min
Delta R.T.: -0.038 min
Response: 983146
Conc: 4.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



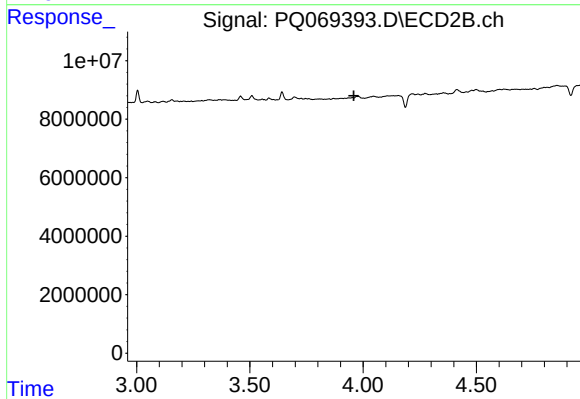
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 3.735 min
Response: 0
Conc: N.D.



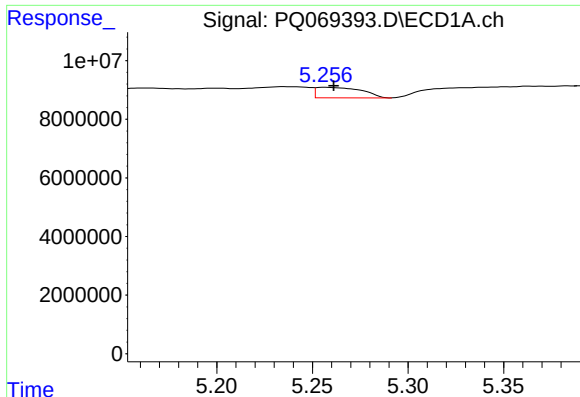
#22 AR-1248-2

R.T.: 4.673 min
Delta R.T.: -0.009 min
Response: 687374
Conc: 2.22 ng/ml



#22 AR-1248-2

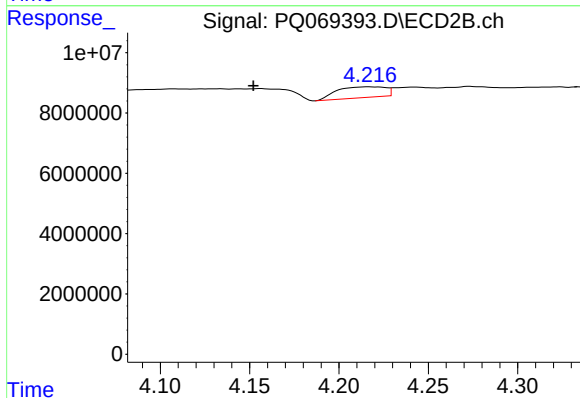
R.T.: 0.000 min
Exp R.T. : 3.958 min
Response: 0
Conc: N.D.



#24 AR-1248-4

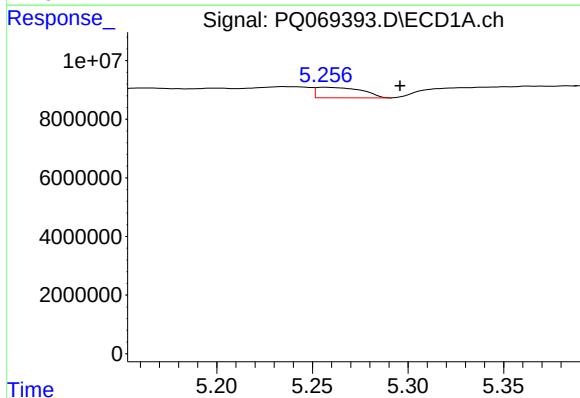
R.T.: 5.257 min
Delta R.T.: -0.004 min
Response: 5880224
Conc: 13.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



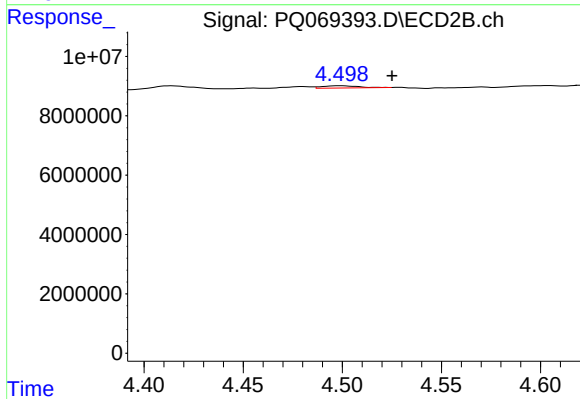
#24 AR-1248-4

R.T.: 4.216 min
Delta R.T.: 0.064 min
Response: 6749334
Conc: 15.54 ng/ml



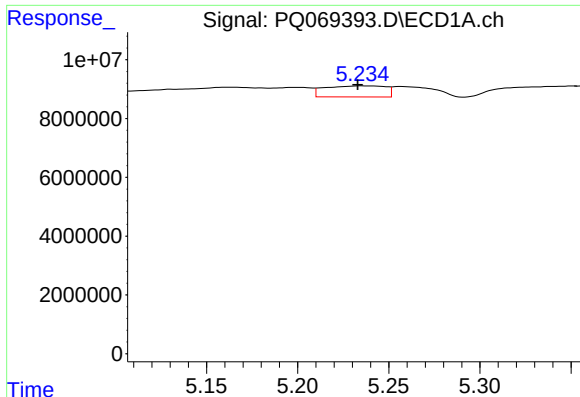
#25 AR-1248-5

R.T.: 5.257 min
Delta R.T.: -0.039 min
Response: 5880224
Conc: 13.85 ng/ml



#25 AR-1248-5

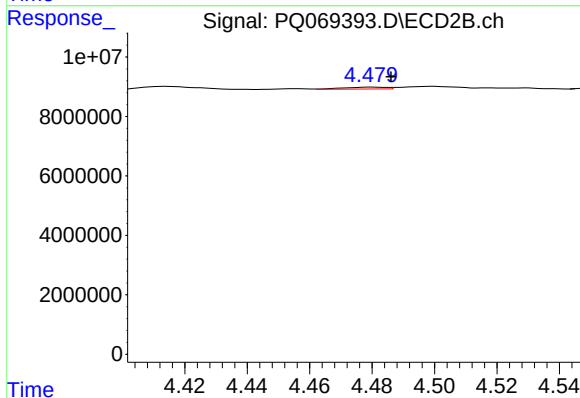
R.T.: 4.499 min
Delta R.T.: -0.026 min
Response: 921731
Conc: 2.07 ng/ml



#26 AR-1254-1

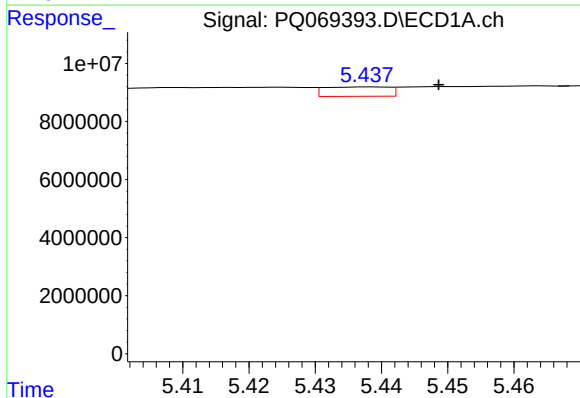
R.T.: 5.235 min
Delta R.T.: 0.002 min
Response: 8736606
Conc: 20.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



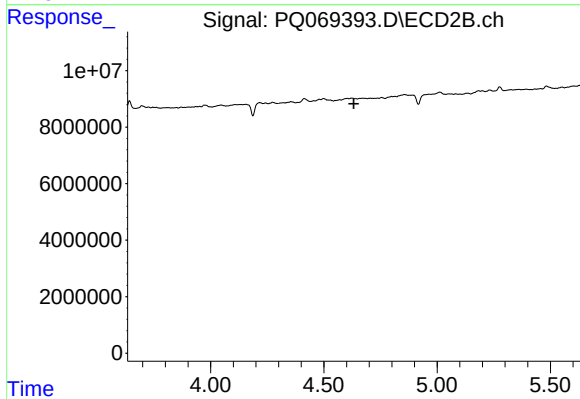
#26 AR-1254-1

R.T.: 4.480 min
Delta R.T.: -0.006 min
Response: 608217
Conc: 0.92 ng/ml



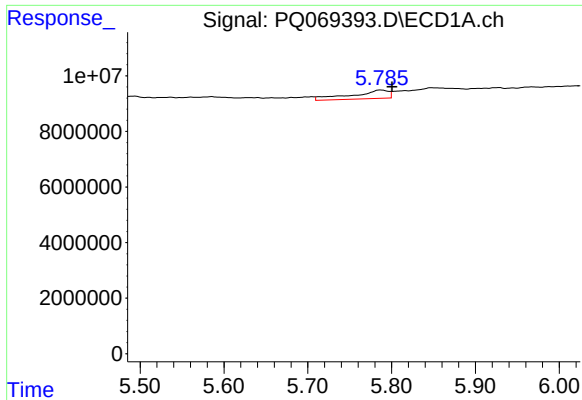
#27 AR-1254-2

R.T.: 5.439 min
Delta R.T.: -0.010 min
Response: 2212629
Conc: 3.29 ng/ml



#27 AR-1254-2

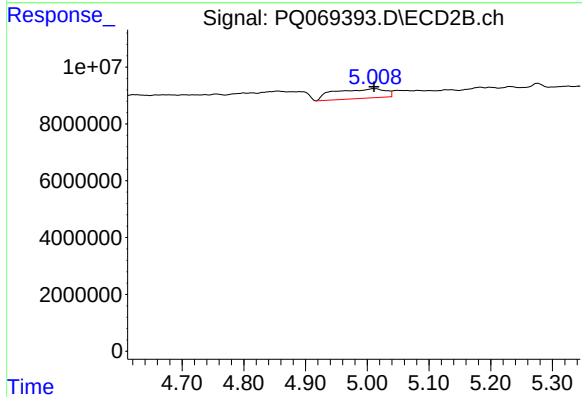
R.T.: 0.000 min
Exp R.T.: 4.633 min
Response: 0
Conc: N.D.



#28 AR-1254-3

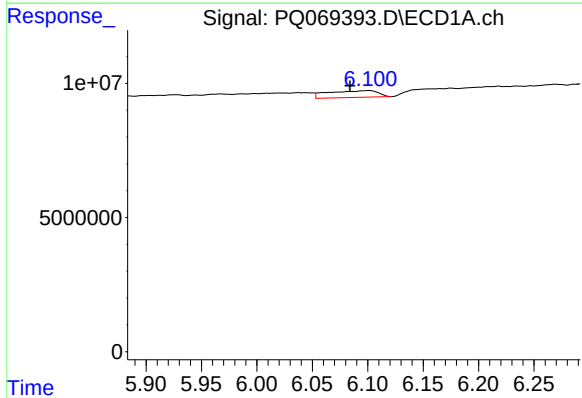
R.T.: 5.786 min
Delta R.T.: -0.014 min
Response: 9220355
Conc: 12.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



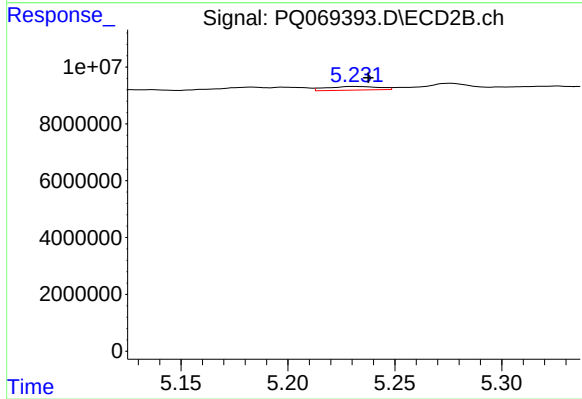
#28 AR-1254-3

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 19255368
Conc: 20.86 ng/ml



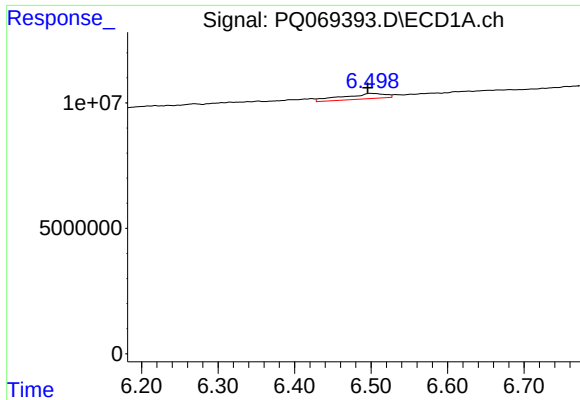
#29 AR-1254-4

R.T.: 6.101 min
Delta R.T.: 0.017 min
Response: 7868669
Conc: 14.89 ng/ml



#29 AR-1254-4

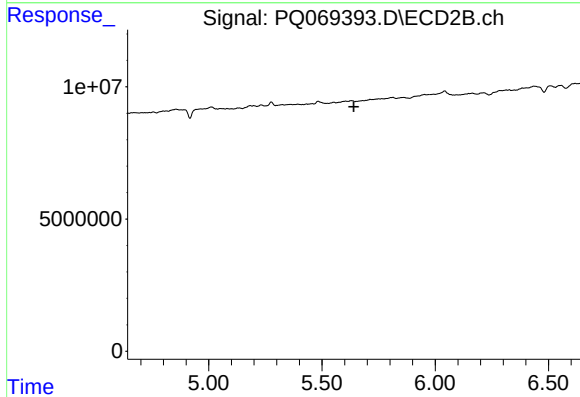
R.T.: 5.231 min
Delta R.T.: -0.007 min
Response: 2166072
Conc: 3.60 ng/ml



#30 AR-1254-5

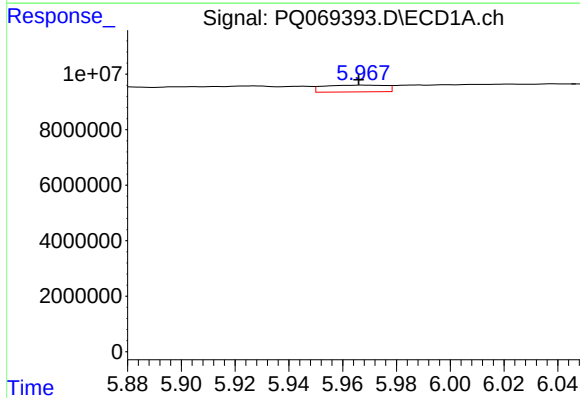
R.T.: 6.499 min
Delta R.T.: 0.004 min
Response: 8337264
Conc: 14.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



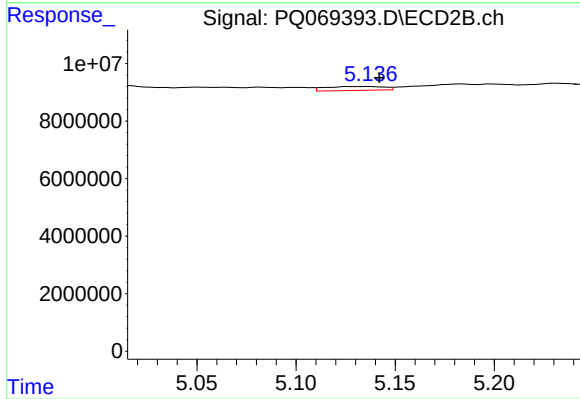
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 5.641 min
Response: 0
Conc: N.D.



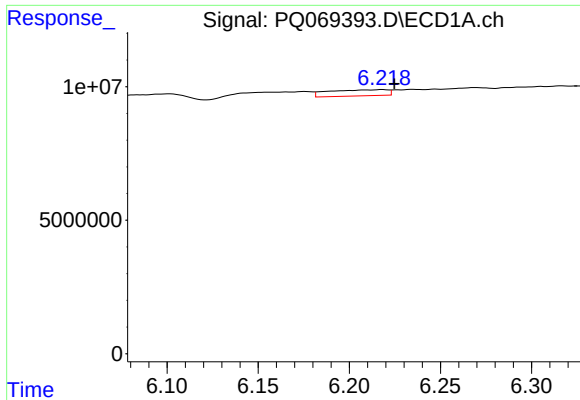
#31 AR-1260-1

R.T.: 5.968 min
Delta R.T.: 0.002 min
Response: 3928228
Conc: 8.03 ng/ml



#31 AR-1260-1

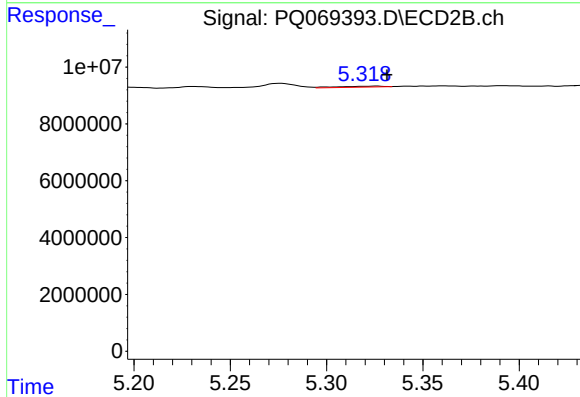
R.T.: 5.136 min
Delta R.T.: -0.006 min
Response: 2793272
Conc: 4.86 ng/ml



#32 AR-1260-2

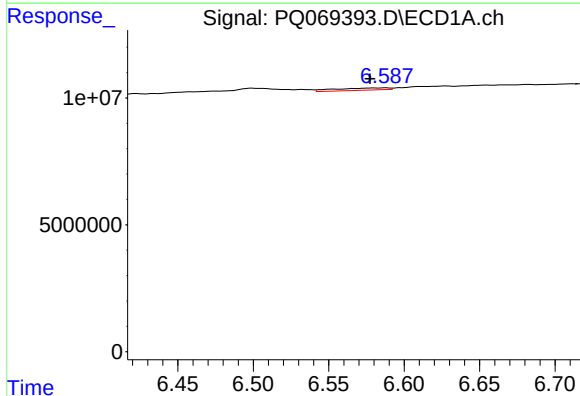
R.T.: 6.218 min
Delta R.T.: -0.006 min
Response: 5190967
Conc: 8.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



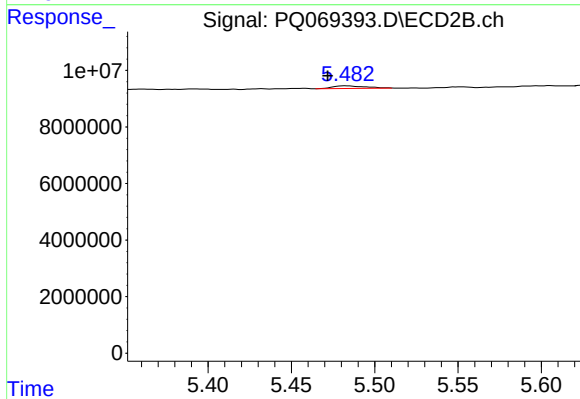
#32 AR-1260-2

R.T.: 5.326 min
Delta R.T.: -0.005 min
Response: 551879
Conc: 0.78 ng/ml



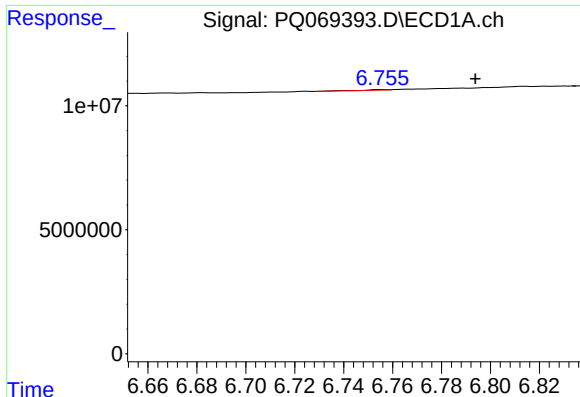
#33 AR-1260-3

R.T.: 6.588 min
Delta R.T.: 0.010 min
Response: 2130564
Conc: 4.87 ng/ml



#33 AR-1260-3

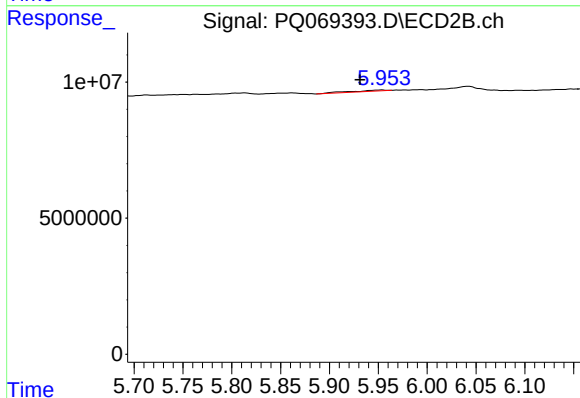
R.T.: 5.483 min
Delta R.T.: 0.011 min
Response: 1284869
Conc: 1.92 ng/ml



#34 AR-1260-4

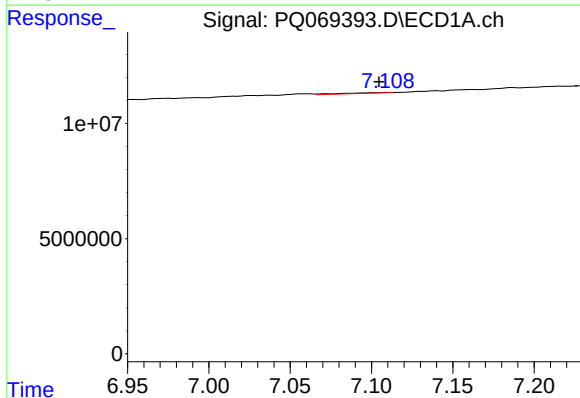
R.T.: 6.755 min
Delta R.T.: -0.038 min
Response: 165727
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



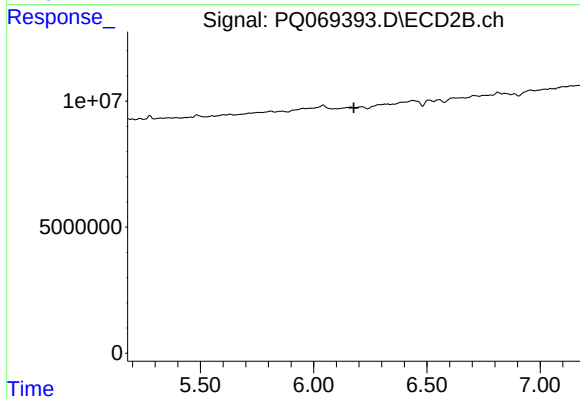
#34 AR-1260-4

R.T.: 5.954 min
Delta R.T.: 0.022 min
Response: 1105177
Conc: 1.91 ng/ml



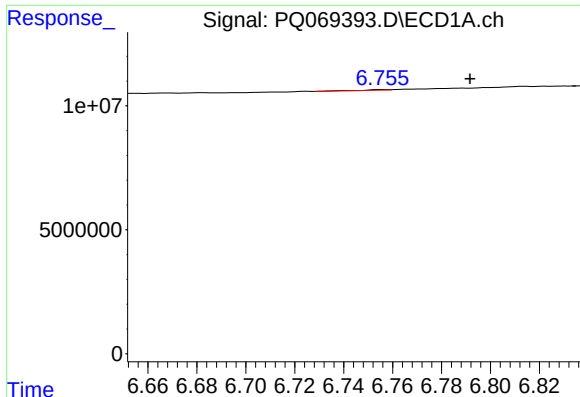
#35 AR-1260-5

R.T.: 7.110 min
Delta R.T.: 0.005 min
Response: 511854
Conc: 0.51 ng/ml



#35 AR-1260-5

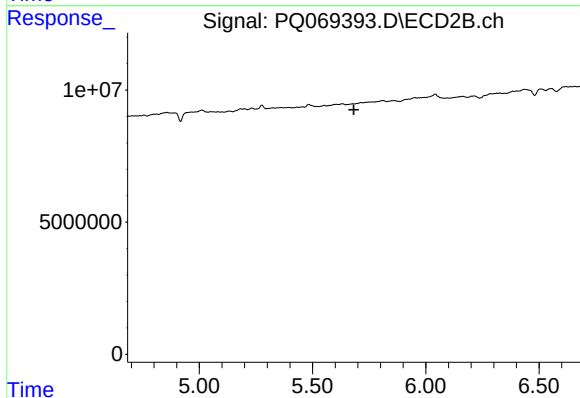
R.T.: 0.000 min
Exp R.T.: 6.177 min
Response: 0
Conc: N.D.



#36 AR-1262-1

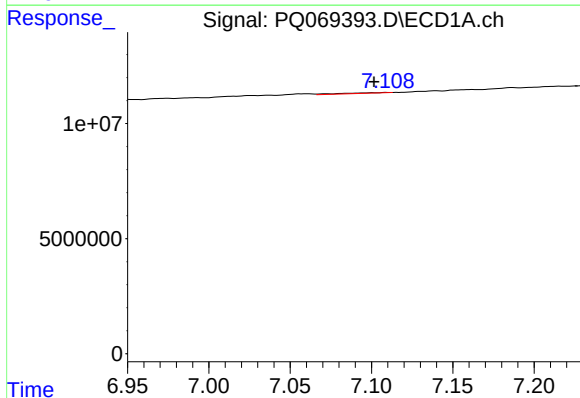
R.T.: 6.755 min
Delta R.T.: -0.036 min
Response: 165727
Conc: 0.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



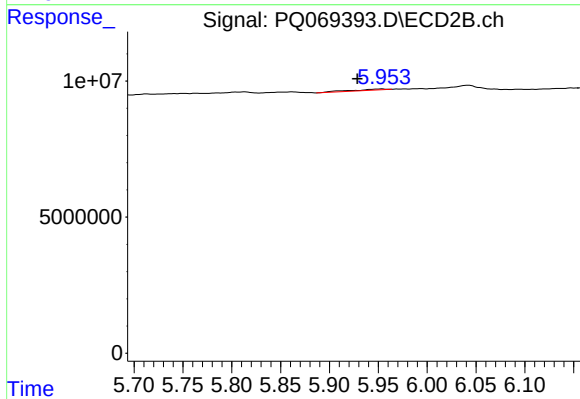
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



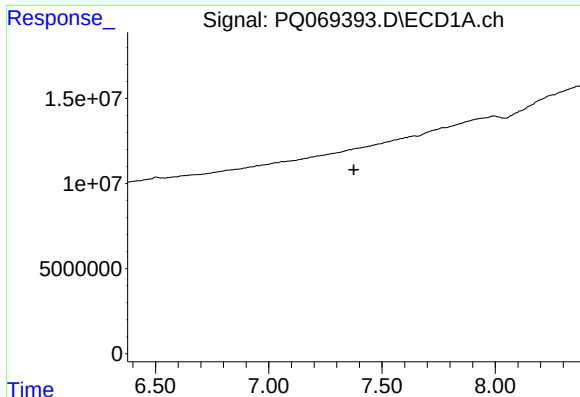
#37 AR-1262-2

R.T.: 7.110 min
Delta R.T.: 0.008 min
Response: 511854
Conc: 0.42 ng/ml



#37 AR-1262-2

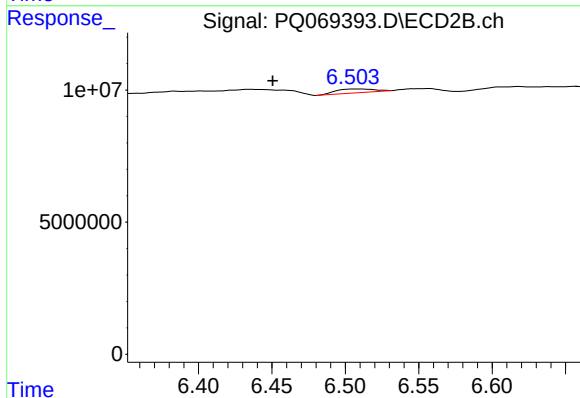
R.T.: 5.954 min
Delta R.T.: 0.025 min
Response: 1105177
Conc: 1.38 ng/ml



#38 AR-1262-3

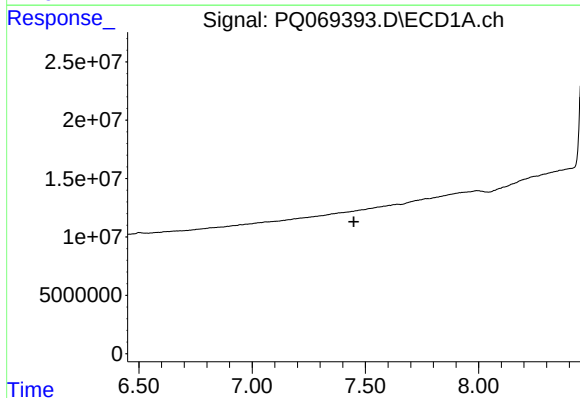
R.T.: 0.000 min
Exp R.T.: 7.376 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



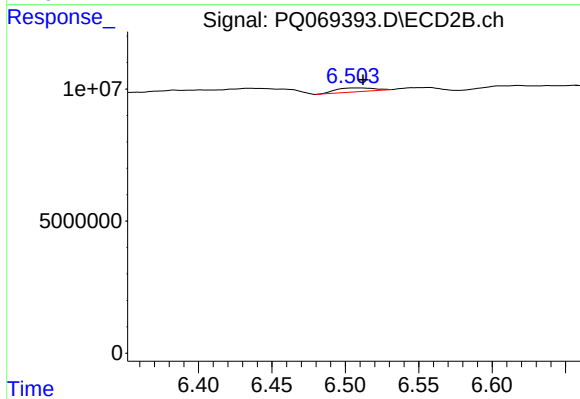
#38 AR-1262-3

R.T.: 6.510 min
Delta R.T.: 0.060 min
Response: 2708656
Conc: 4.20 ng/ml



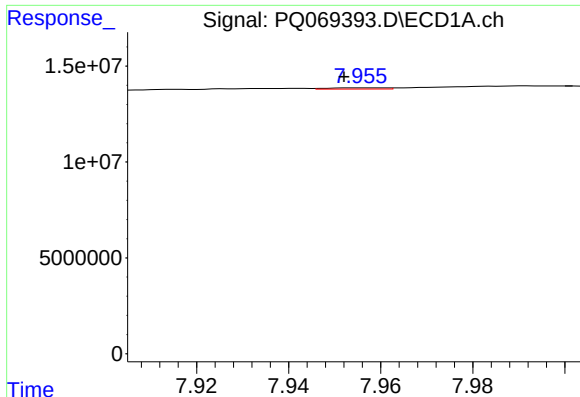
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 7.449 min
Response: 0
Conc: N.D.



#39 AR-1262-4

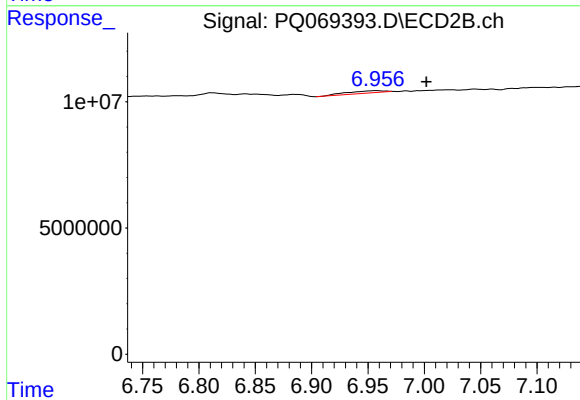
R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 2708656
Conc: 2.32 ng/ml



#40 AR-1262-5

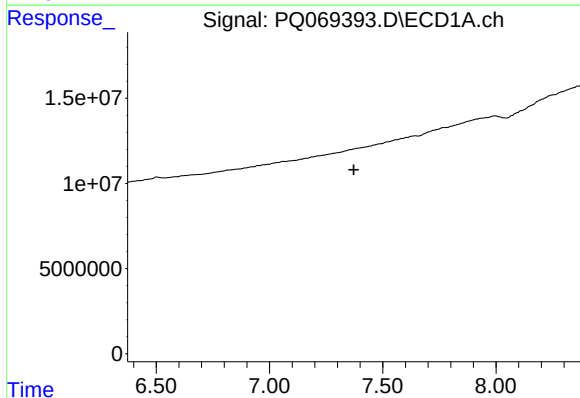
R.T.: 7.956 min
Delta R.T.: 0.004 min
Response: 545212
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



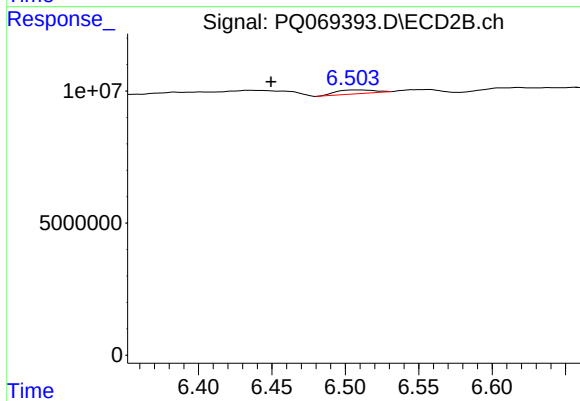
#40 AR-1262-5

R.T.: 6.957 min
Delta R.T.: -0.045 min
Response: 2128024
Conc: 3.97 ng/ml



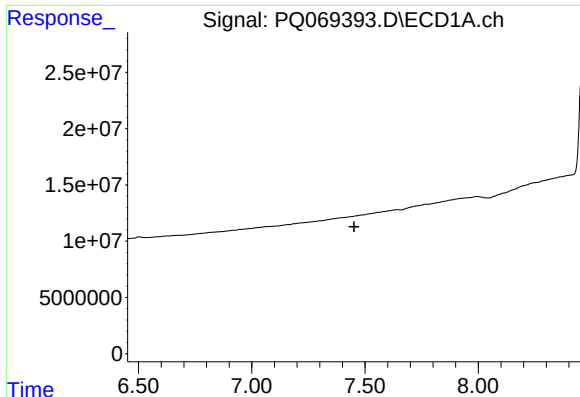
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.372 min
Response: 0
Conc: N.D.



#41 AR-1268-1

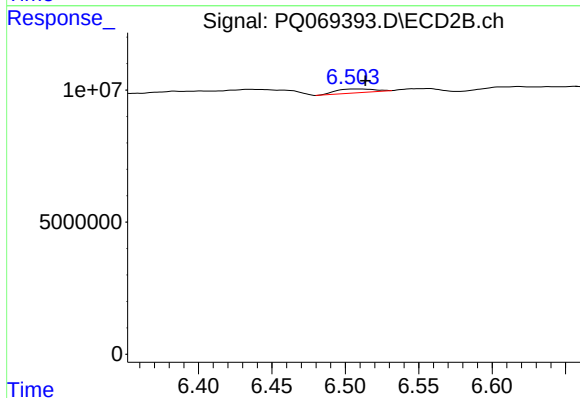
R.T.: 6.510 min
Delta R.T.: 0.061 min
Response: 2708656
Conc: 1.52 ng/ml



#42 AR-1268-2

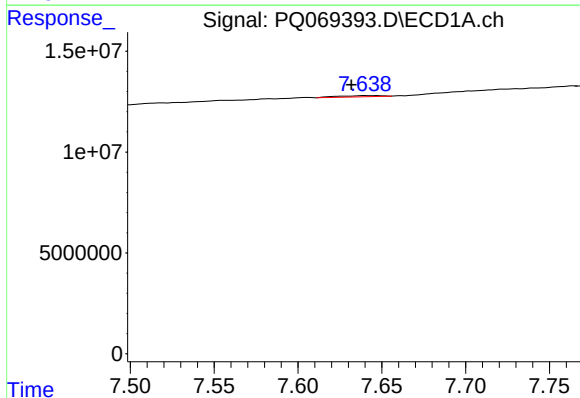
R.T.: 0.000 min
Exp R.T.: 7.451 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



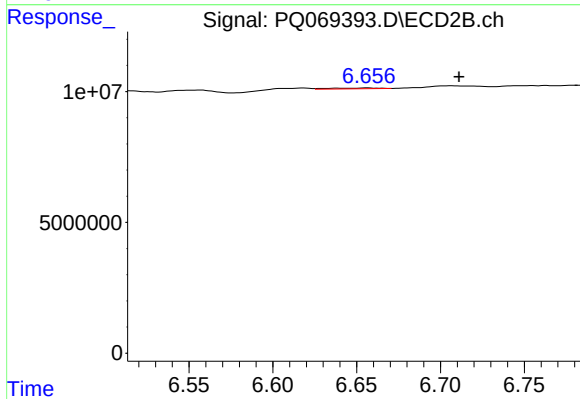
#42 AR-1268-2

R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 2708656
Conc: 1.65 ng/ml



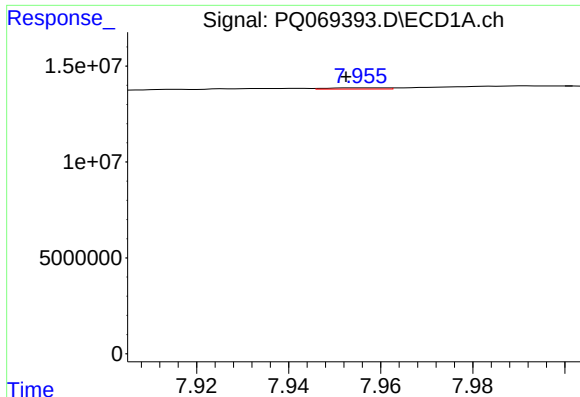
#43 AR-1268-3

R.T.: 7.640 min
Delta R.T.: 0.008 min
Response: 1063588
Conc: 1.05 ng/ml



#43 AR-1268-3

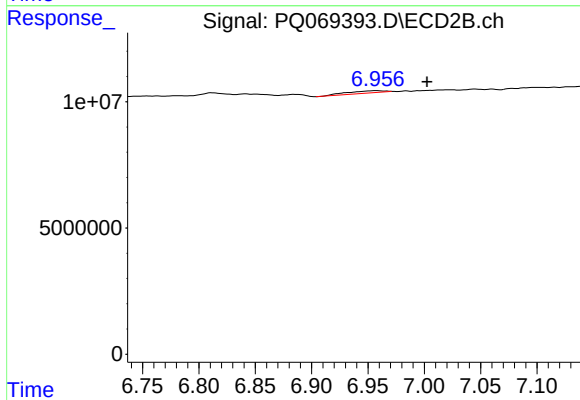
R.T.: 6.657 min
Delta R.T.: -0.055 min
Response: 605575
Conc: 0.43 ng/ml



#44 AR-1268-4

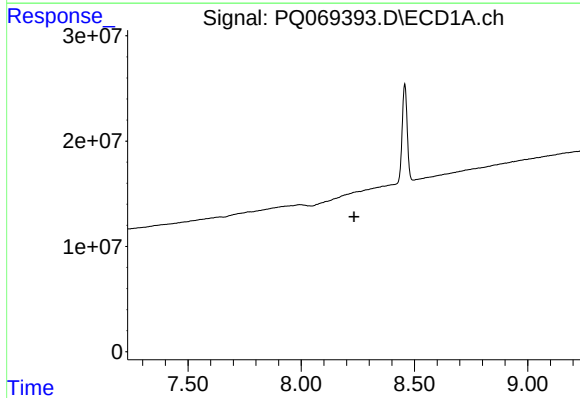
R.T.: 7.956 min
Delta R.T.: 0.004 min
Response: 545212
Conc: 1.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



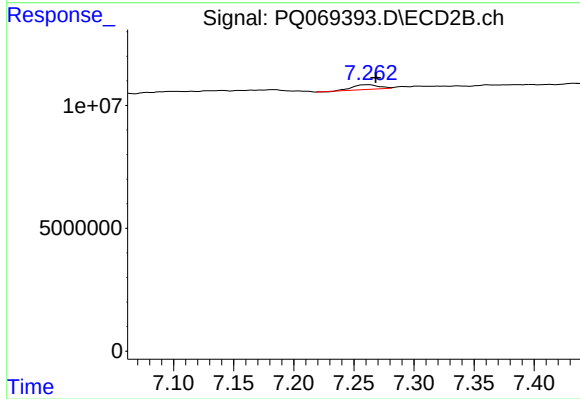
#44 AR-1268-4

R.T.: 6.957 min
Delta R.T.: -0.045 min
Response: 2128024
Conc: 3.72 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.233 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.262 min
Delta R.T.: -0.006 min
Response: 2918622
Conc: 0.67 ng/ml