

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 07:27
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 08:23:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 2019
 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...	5.693	4.782	54273819	19699837	34.064	32.523
2)	SA Decachlor...	12.084	10.556	168.8E6	84518754	26.770	26.984
Target Compounds							
3)	L1 AR-1016-1	0.000	6.241	0	64156	N.D.	2.175 #
4)	L1 AR-1016-2	0.000	6.263	0	182101	N.D.	4.649 #
5)	L1 AR-1016-3	0.000	6.473	0	112520	N.D.	5.349 #
6)	L1 AR-1016-4	0.000	6.532	0	48939	N.D.	2.809 #
7)	L1 AR-1016-5	0.000	6.800	0	97483	N.D.	4.356 #
8)	L2 AR-1221-1	0.000	5.092	0	495919	N.D.	85.084 #
9)	L2 AR-1221-2	6.083	5.207	1707035	540752	143.614	112.461
10)	L2 AR-1221-3	6.175	5.312	3985570	1443171	97.789	87.928
11)	L3 AR-1232-1	6.175	5.312	3985570	1443171	88.230	78.103
12)	L3 AR-1232-2	0.000	6.263	0	182101	N.D.	9.128 #
13)	L3 AR-1232-3	0.000	6.473	0	112520	N.D.	10.366 #
14)	L3 AR-1232-4	0.000	6.576	0	18124	N.D.	1.775 #
15)	L3 AR-1232-5	0.000	6.800	0	97483	N.D.	8.905 #
16)	L4 AR-1242-1	0.000	6.241	0	64156	N.D.	3.714 #
17)	L4 AR-1242-2	0.000	6.263	0	182101	N.D.	7.841 #
18)	L4 AR-1242-3	0.000	6.473	0	112520	N.D.	9.104 #
19)	L4 AR-1242-4	0.000	6.576	0	18124	N.D.	1.426 #
20)	L4 AR-1242-5	0.000	7.218	0	237966	N.D.	11.886 #
21)	L5 AR-1248-1	0.000	6.241	0	64156	N.D.	5.094 #
22)	L5 AR-1248-2	0.000	6.532	0	48939	N.D.	2.763 #
23)	L5 AR-1248-3	0.000	6.576	0	18124	N.D.	0.968 #
24)	L5 AR-1248-4	0.000	6.800	0	97483	N.D.	4.225 #
25)	L5 AR-1248-5	0.000	7.218	0	237966	N.D.	8.396 #
26)	L6 AR-1254-1	0.000	7.218	0	237966	N.D.	5.261 #
27)	L6 AR-1254-2	0.000	7.302	0	41474	N.D.	0.941 #
28)	L6 AR-1254-3	0.000	7.807	0	250766	N.D.	3.362 #
29)	L6 AR-1254-4	0.000	8.017	0	148953	N.D.	2.692 #
30)	L6 AR-1254-5	0.000	8.492	0	440963	N.D.	5.411 #
31)	L7 AR-1260-1	0.000	7.945	0	228214	N.D.	3.931 #
32)	L7 AR-1260-2	0.000	8.136	0	703343	N.D.	9.200 #
33)	L7 AR-1260-3	0.000	8.315	0	374857	N.D.	5.347 #
34)	L7 AR-1260-4	0.000	8.825	0	280385	N.D.	4.253 #
35)	L7 AR-1260-5	0.000	9.082	0	233026	N.D.	1.241 #
36)	L8 AR-1262-1	0.000	8.562	0	364201	N.D.	3.683 #
37)	L8 AR-1262-2	0.000	9.082	0	233026	N.D.	1.043 #
38)	L8 AR-1262-3	0.000	9.377	0	123859	N.D.	1.077 #
39)	L8 AR-1262-4	0.000	9.416	0	345863	N.D.	1.535 #
40)	L8 AR-1262-5	0.000	10.011	0	338276	N.D.	2.190 #
41)	L9 AR-1268-1	0.000	9.377	0	123859	N.D.	0.379 #

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 Misc : AR1221 LOD 40 PPB
 ALS Vial : 47 Sample Multiplier: 1

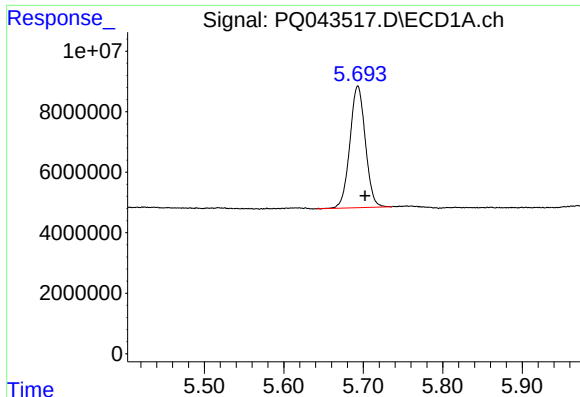
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 08:23:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
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 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	0.000	9.416	0	345863	N.D.	1.081 #
43) L9	AR-1268-3	10.814	9.645	7347407	707836	13.861	2.498 #
44) L9	AR-1268-4	0.000	10.011	0	338276	N.D.	2.081 #
45) L9	AR-1268-5	0.000	10.273	0	1115546	N.D.	0.888 #

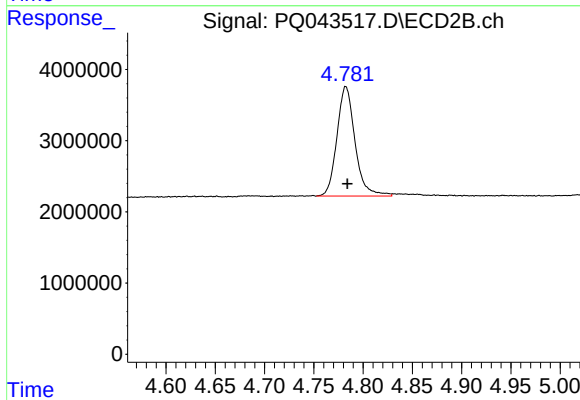
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

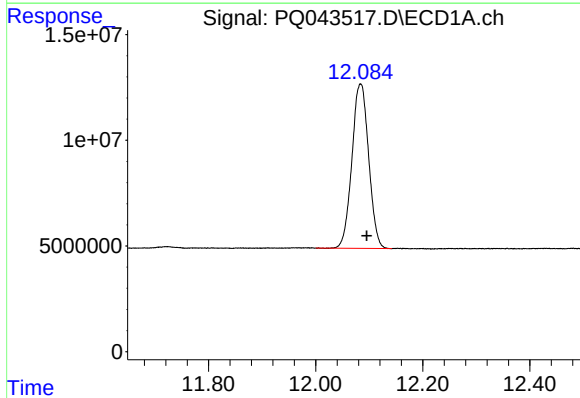
R.T.: 5.693 min
Delta R.T.: -0.009 min
Response: 54273819
Conc: 34.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



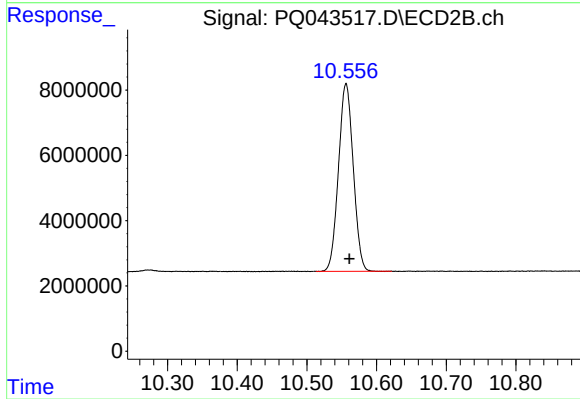
#1 Tetrachloro-m-xylene

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 19699837
Conc: 32.52 ng/ml



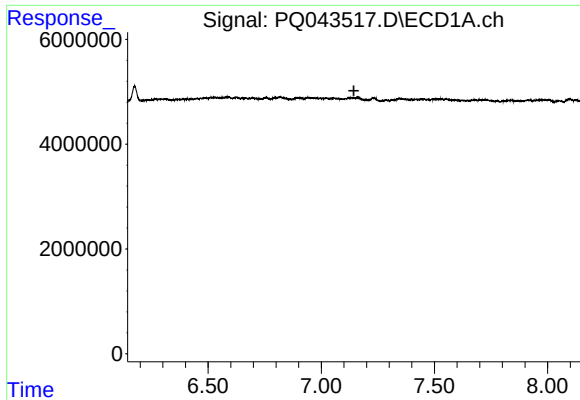
#2 Decachlorobiphenyl

R.T.: 12.084 min
Delta R.T.: -0.012 min
Response: 168841259
Conc: 26.77 ng/ml



#2 Decachlorobiphenyl

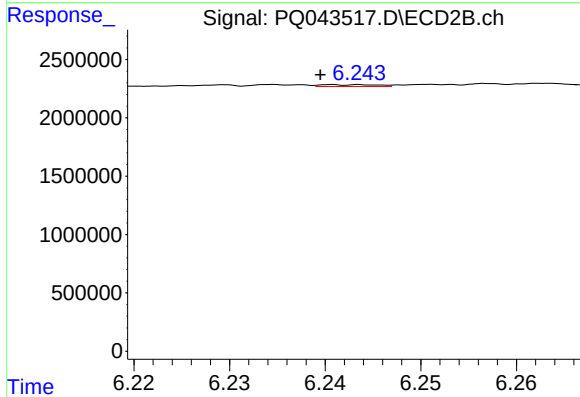
R.T.: 10.556 min
Delta R.T.: -0.004 min
Response: 84518754
Conc: 26.98 ng/ml



#3 AR-1016-1

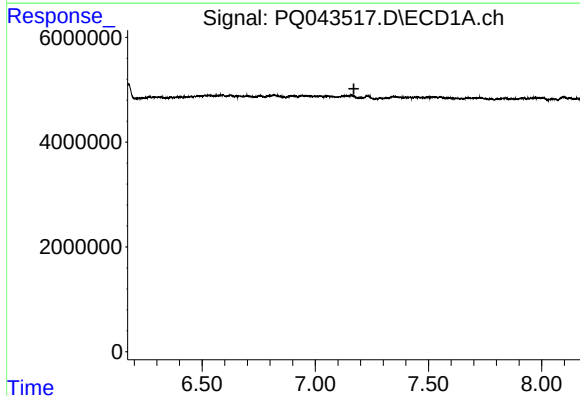
R.T.: 0.000 min
Exp R.T.: 7.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



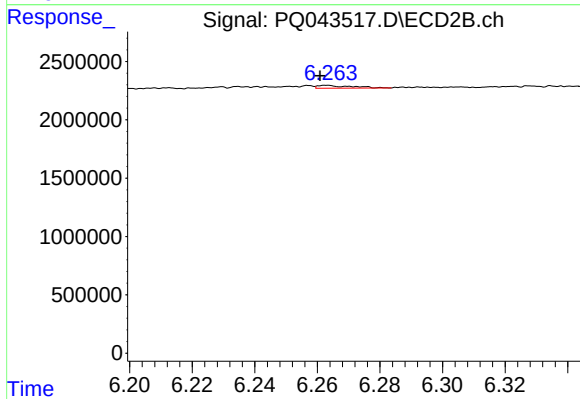
#3 AR-1016-1

R.T.: 6.241 min
Delta R.T.: 0.001 min
Response: 64156
Conc: 2.17 ng/ml



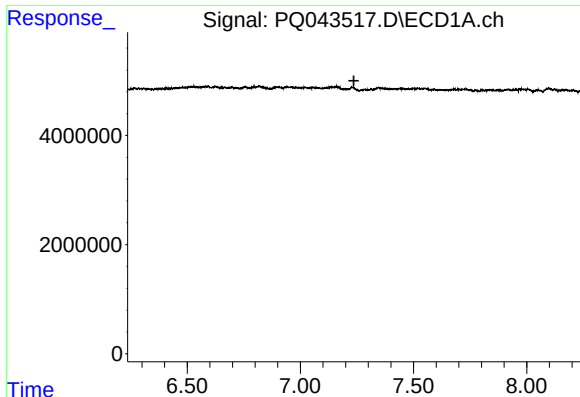
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.



#4 AR-1016-2

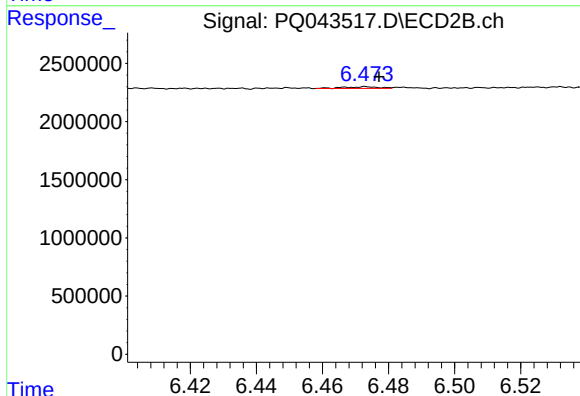
R.T.: 6.263 min
Delta R.T.: 0.002 min
Response: 182101
Conc: 4.65 ng/ml



#5 AR-1016-3

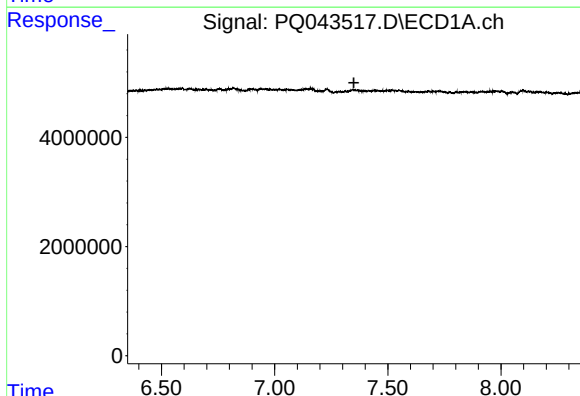
R.T.: 0.000 min
Exp R.T.: 7.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



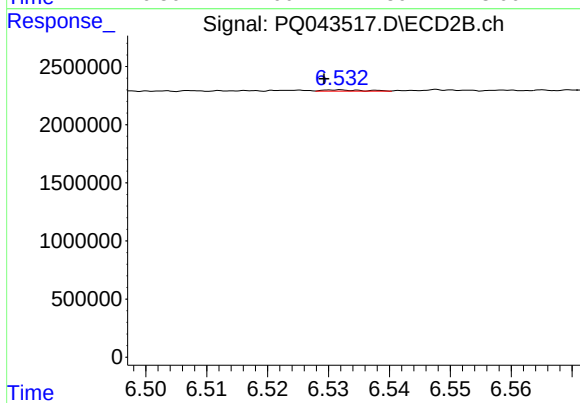
#5 AR-1016-3

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 112520
Conc: 5.35 ng/ml



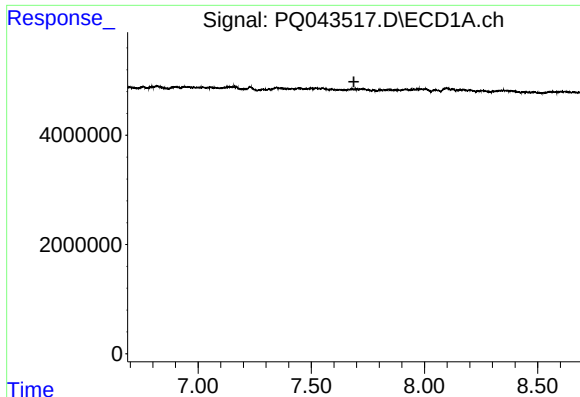
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.350 min
Response: 0
Conc: N.D.



#6 AR-1016-4

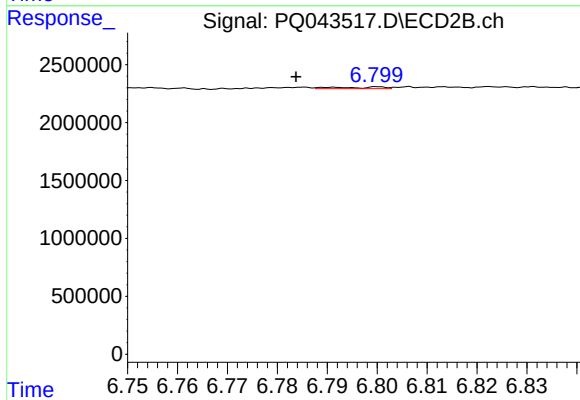
R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 48939
Conc: 2.81 ng/ml



#7 AR-1016-5

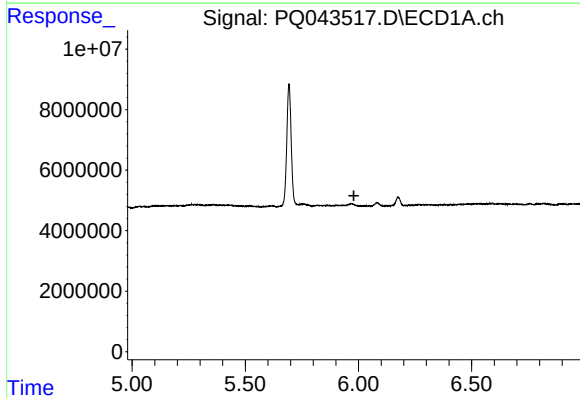
R.T.: 0.000 min
Exp R.T. : 7.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



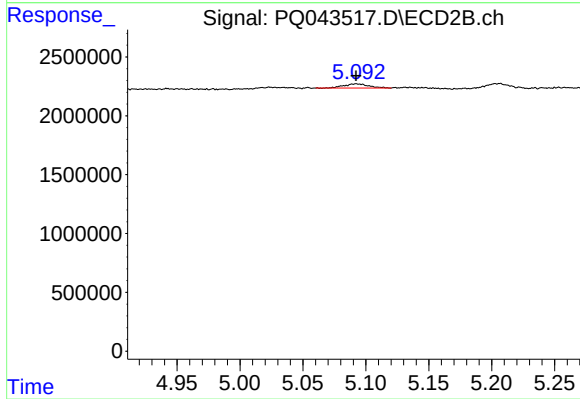
#7 AR-1016-5

R.T.: 6.800 min
Delta R.T.: 0.017 min
Response: 97483
Conc: 4.36 ng/ml



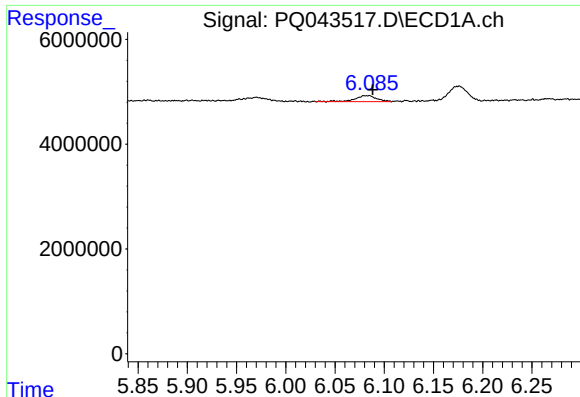
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

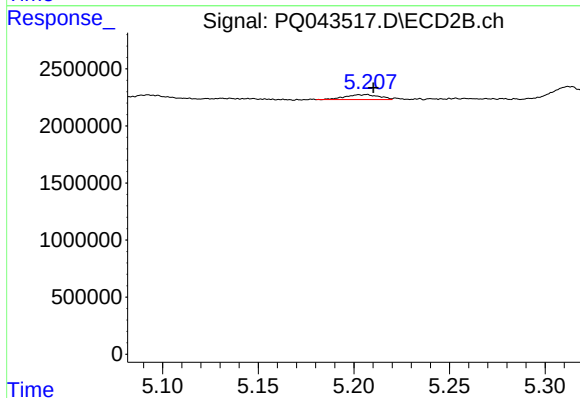
R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 495919
Conc: 85.08 ng/ml



#9 AR-1221-2

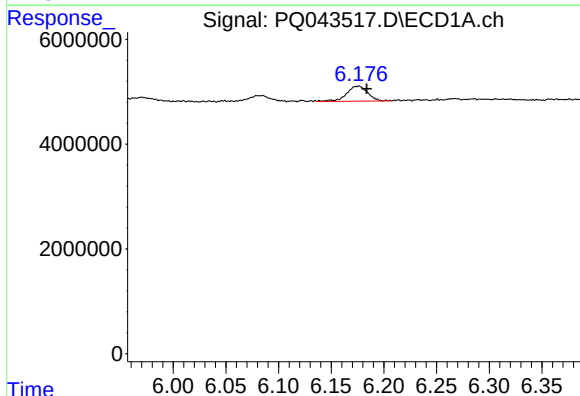
R.T.: 6.083 min
Delta R.T.: -0.006 min
Response: 1707035
Conc: 143.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



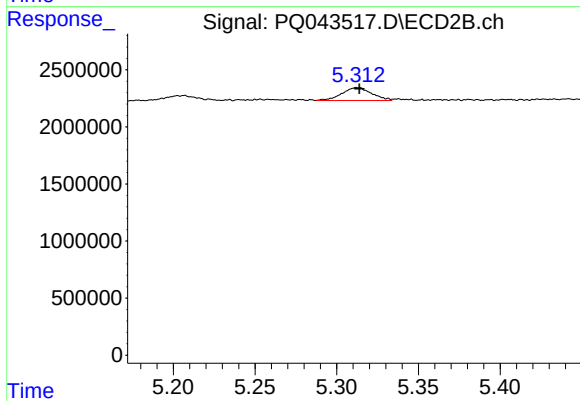
#9 AR-1221-2

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 540752
Conc: 112.46 ng/ml



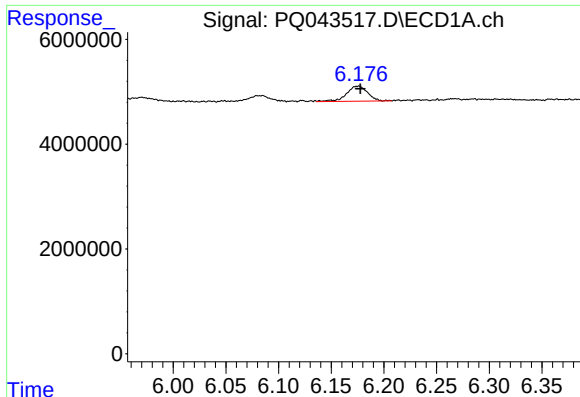
#10 AR-1221-3

R.T.: 6.175 min
Delta R.T.: -0.008 min
Response: 3985570
Conc: 97.79 ng/ml



#10 AR-1221-3

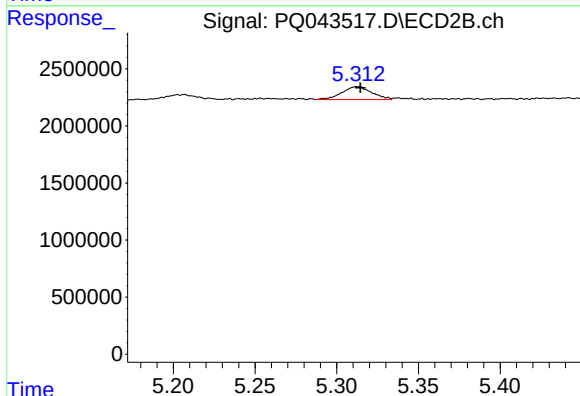
R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 1443171
Conc: 87.93 ng/ml



#11 AR-1232-1

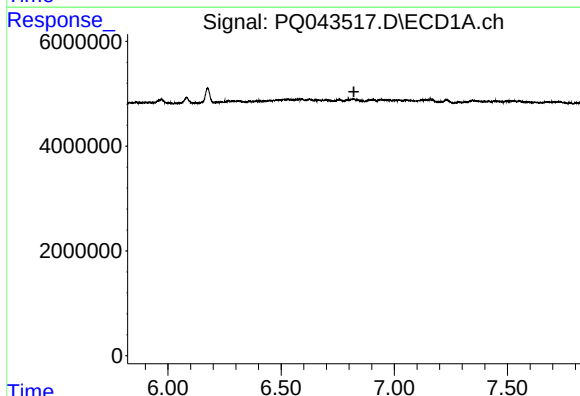
R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 3985570
Conc: 88.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



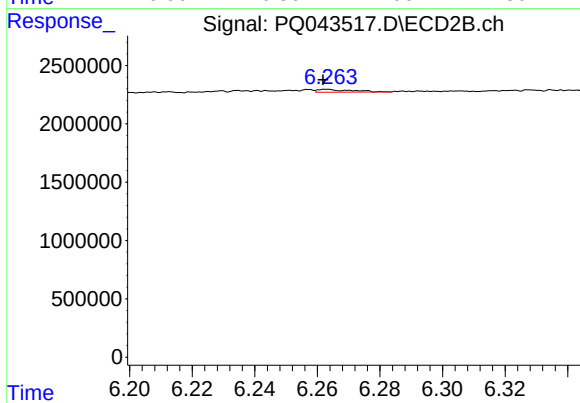
#11 AR-1232-1

R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 1443171
Conc: 78.10 ng/ml



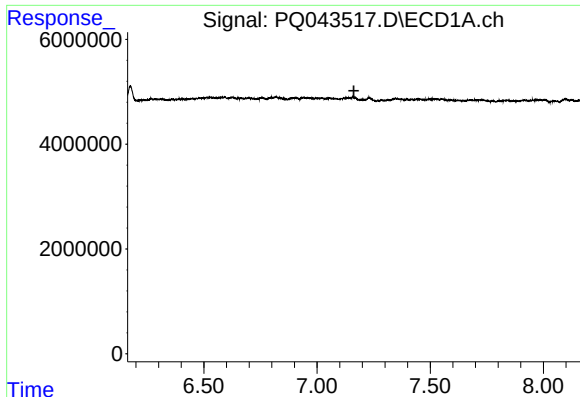
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.822 min
Response: 0
Conc: N.D.



#12 AR-1232-2

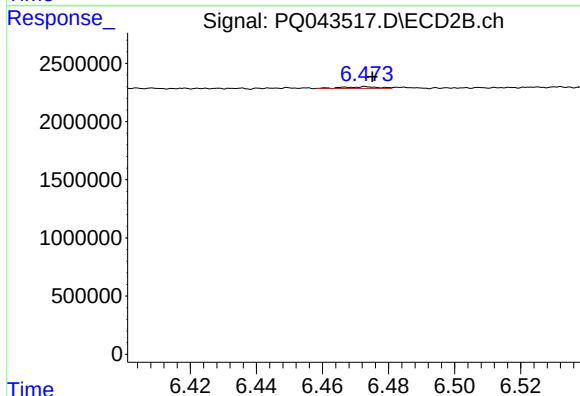
R.T.: 6.263 min
Delta R.T.: 0.001 min
Response: 182101
Conc: 9.13 ng/ml



#13 AR-1232-3

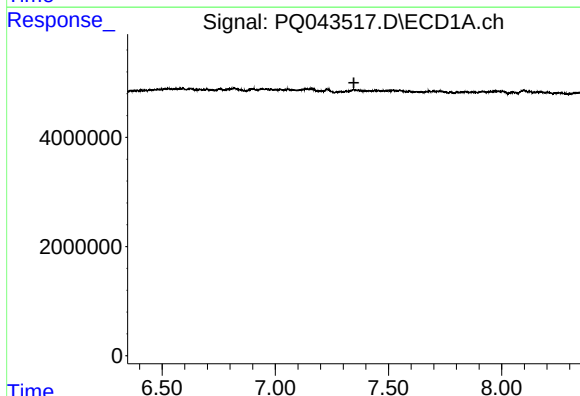
R.T.: 0.000 min
Exp R.T.: 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



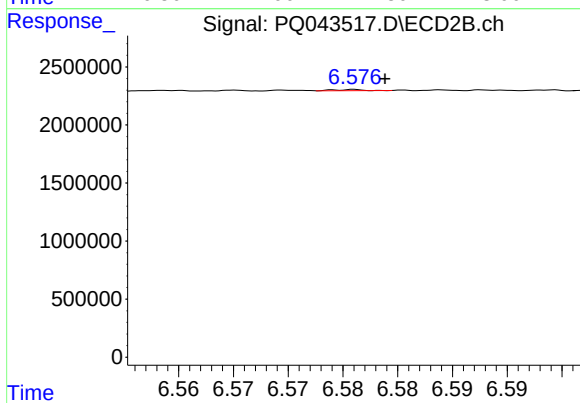
#13 AR-1232-3

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 112520
Conc: 10.37 ng/ml



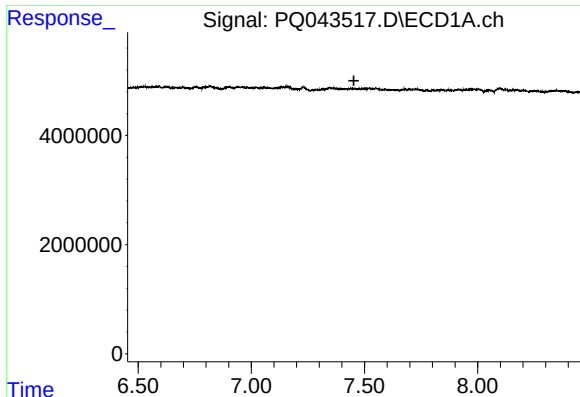
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 7.347 min
Response: 0
Conc: N.D.



#14 AR-1232-4

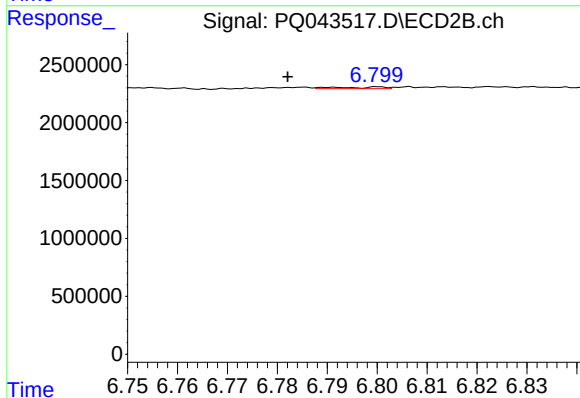
R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 18124
Conc: 1.78 ng/ml



#15 AR-1232-5

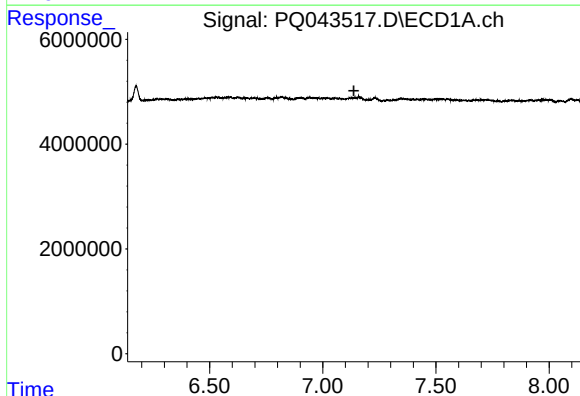
R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



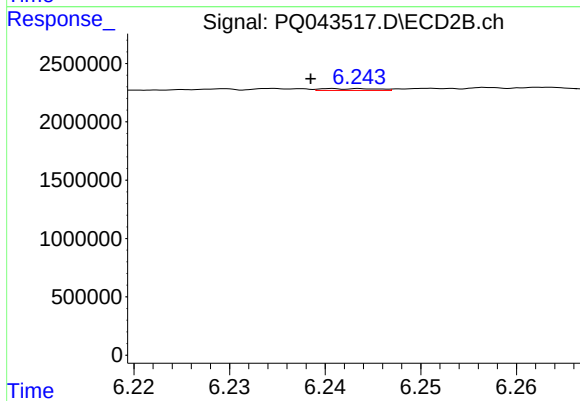
#15 AR-1232-5

R.T.: 6.800 min
Delta R.T.: 0.018 min
Response: 97483
Conc: 8.91 ng/ml



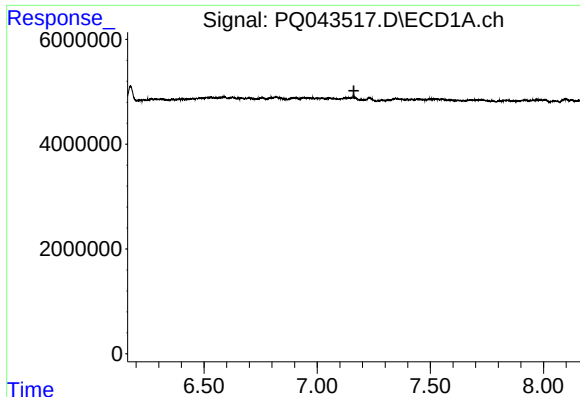
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.



#16 AR-1242-1

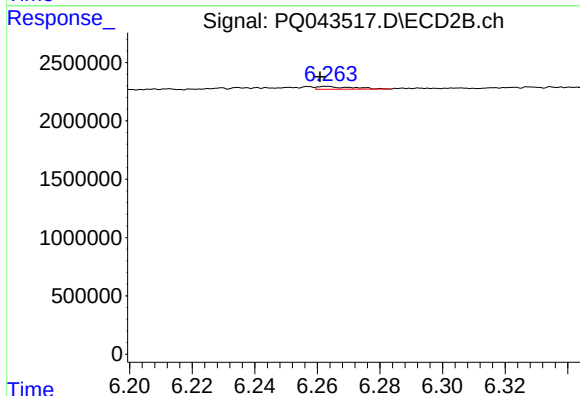
R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 64156
Conc: 3.71 ng/ml



#17 AR-1242-2

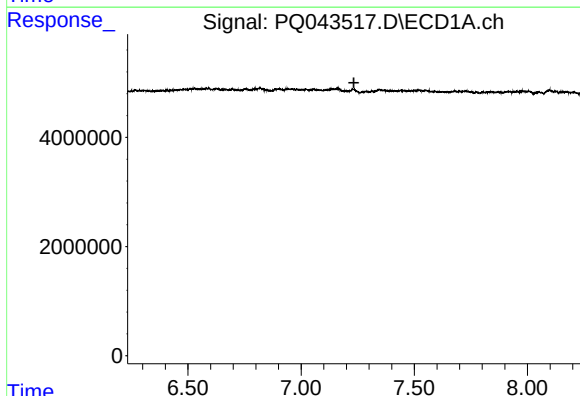
R.T.: 0.000 min
Exp R.T.: 7.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



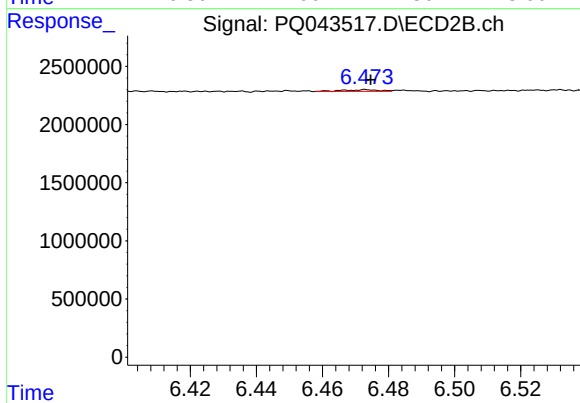
#17 AR-1242-2

R.T.: 6.263 min
Delta R.T.: 0.002 min
Response: 182101
Conc: 7.84 ng/ml



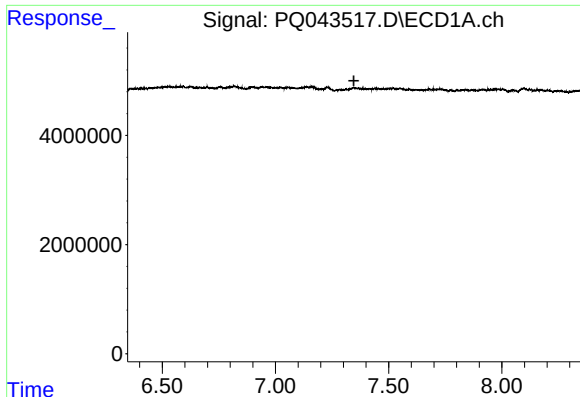
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 7.233 min
Response: 0
Conc: N.D.



#18 AR-1242-3

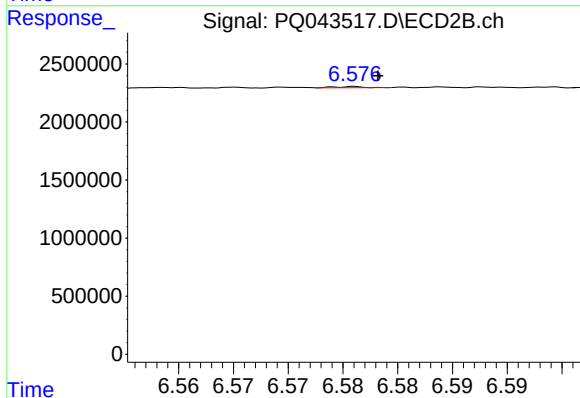
R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 112520
Conc: 9.10 ng/ml



#19 AR-1242-4

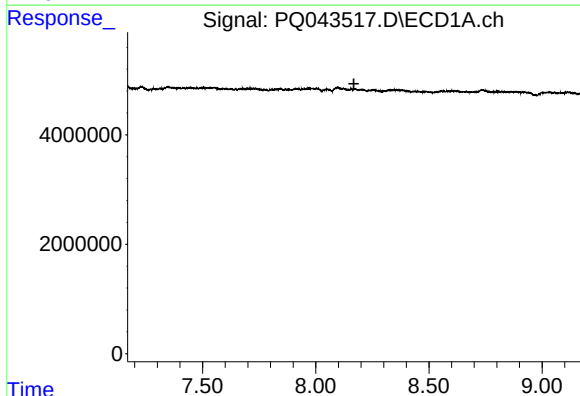
R.T.: 0.000 min
Exp R.T.: 7.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



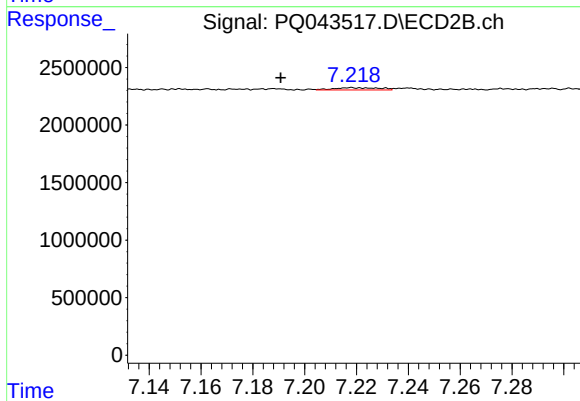
#19 AR-1242-4

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 18124
Conc: 1.43 ng/ml



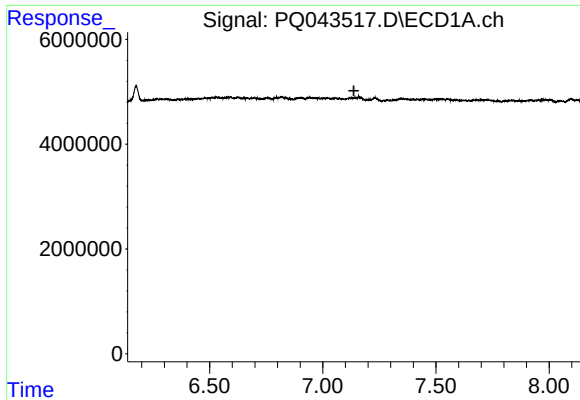
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 8.168 min
Response: 0
Conc: N.D.



#20 AR-1242-5

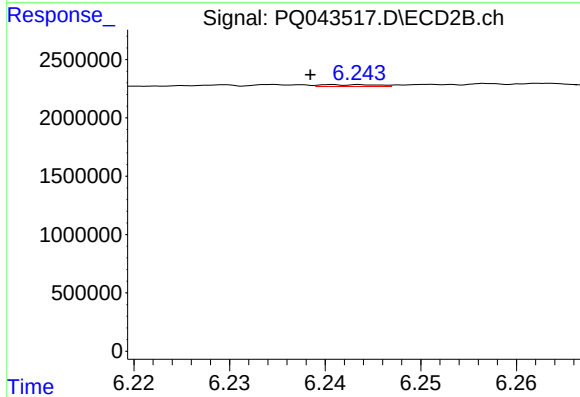
R.T.: 7.218 min
Delta R.T.: 0.027 min
Response: 237966
Conc: 11.89 ng/ml



#21 AR-1248-1

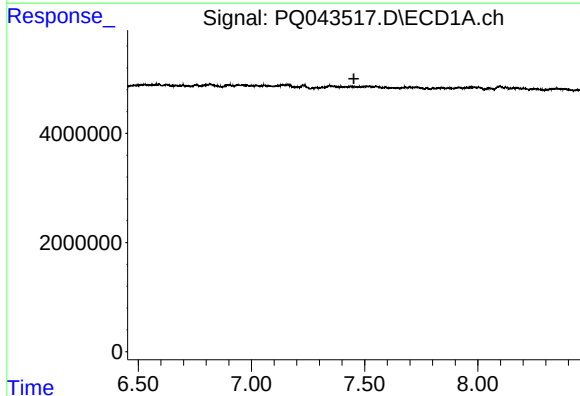
R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



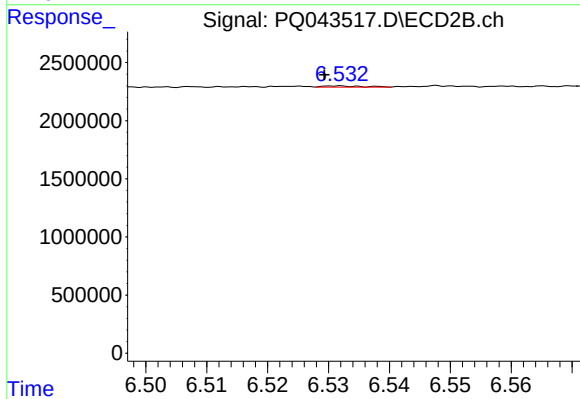
#21 AR-1248-1

R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 64156
Conc: 5.09 ng/ml



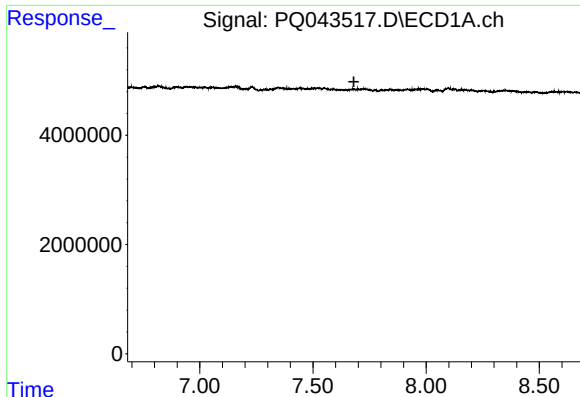
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.



#22 AR-1248-2

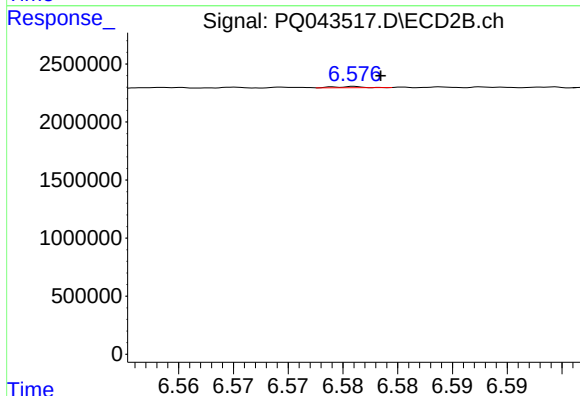
R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 48939
Conc: 2.76 ng/ml



#23 AR-1248-3

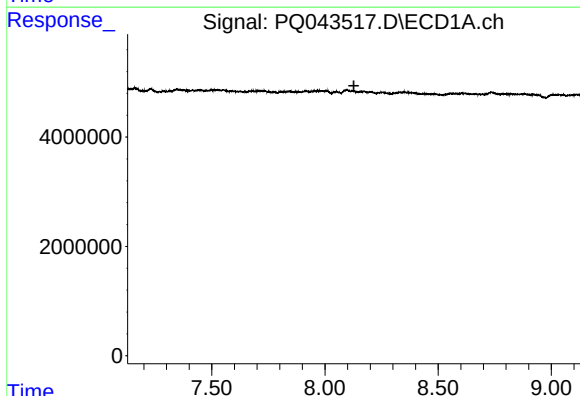
R.T.: 0.000 min
Exp R.T. : 7.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



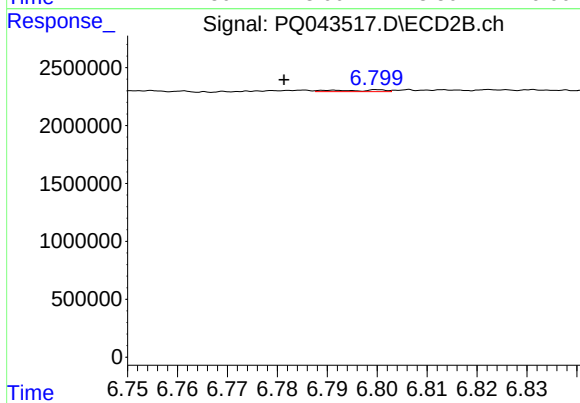
#23 AR-1248-3

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 18124
Conc: 0.97 ng/ml



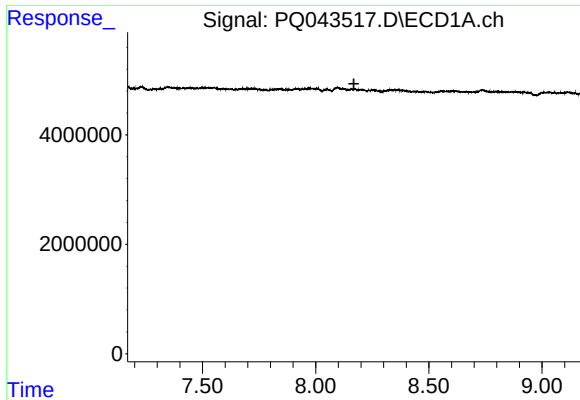
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 8.128 min
Response: 0
Conc: N.D.



#24 AR-1248-4

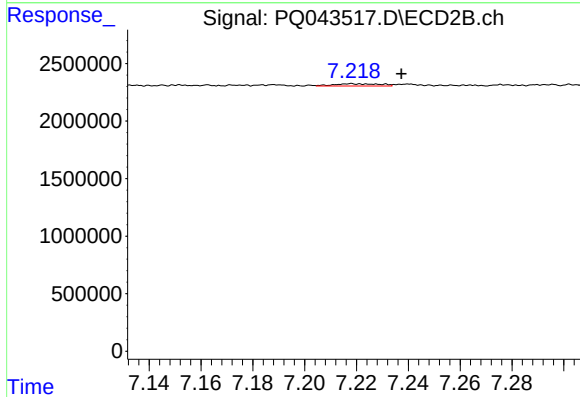
R.T.: 6.800 min
Delta R.T.: 0.019 min
Response: 97483
Conc: 4.22 ng/ml



#25 AR-1248-5

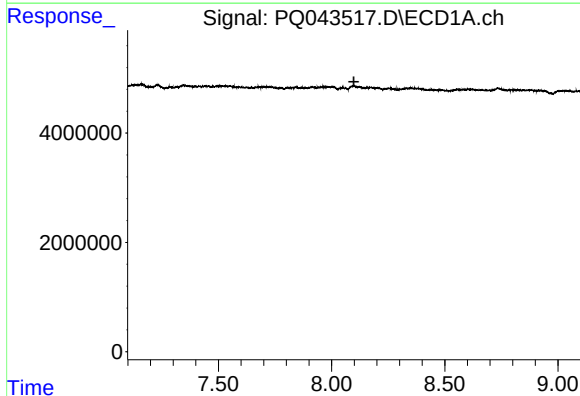
R.T.: 0.000 min
Exp R.T. : 8.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



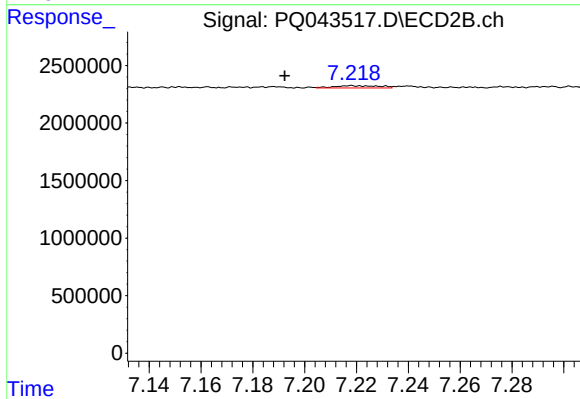
#25 AR-1248-5

R.T.: 7.218 min
Delta R.T.: -0.019 min
Response: 237966
Conc: 8.40 ng/ml



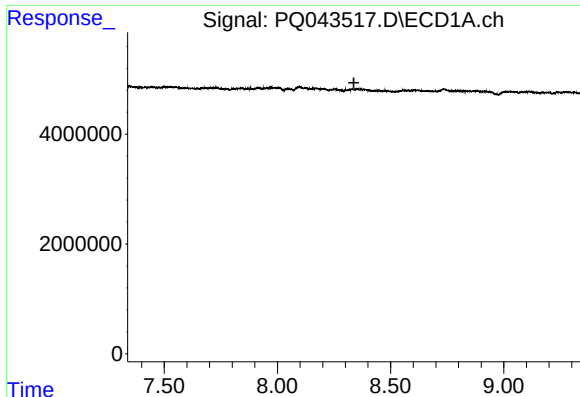
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 8.098 min
Response: 0
Conc: N.D.



#26 AR-1254-1

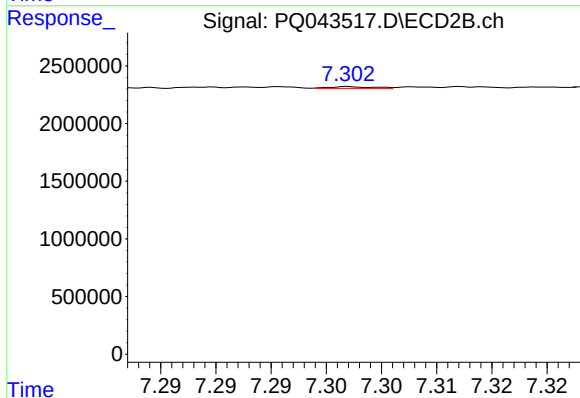
R.T.: 7.218 min
Delta R.T.: 0.026 min
Response: 237966
Conc: 5.26 ng/ml



#27 AR-1254-2

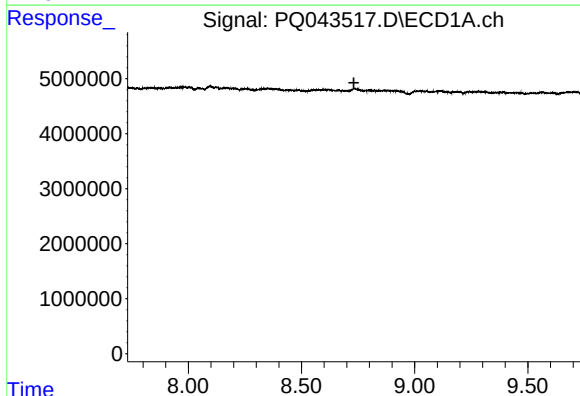
R.T.: 0.000 min
Exp R.T.: 8.338 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



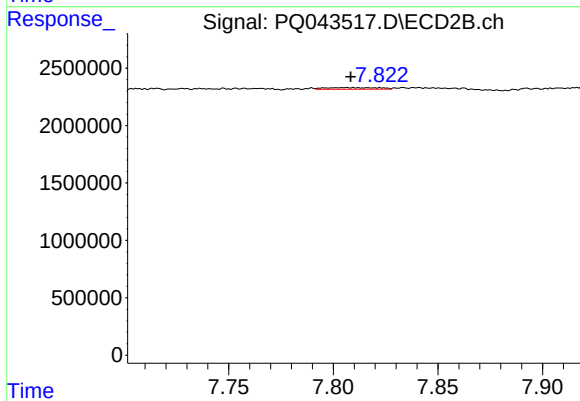
#27 AR-1254-2

R.T.: 7.302 min
Delta R.T.: -0.058 min
Response: 41474
Conc: 0.94 ng/ml



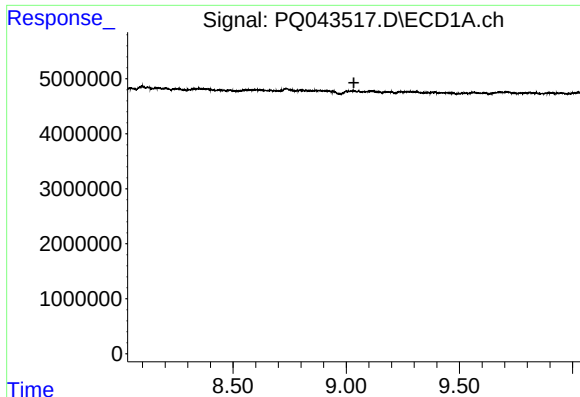
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 8.732 min
Response: 0
Conc: N.D.



#28 AR-1254-3

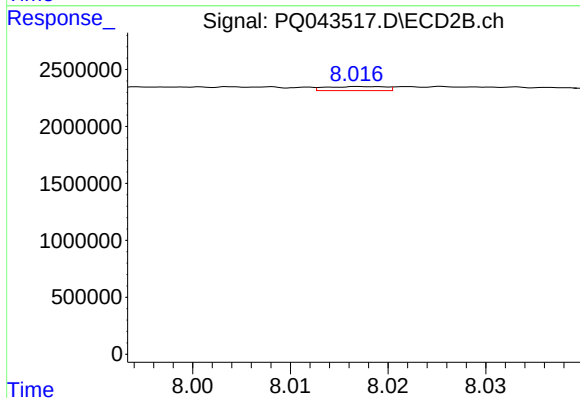
R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 250766
Conc: 3.36 ng/ml



#29 AR-1254-4

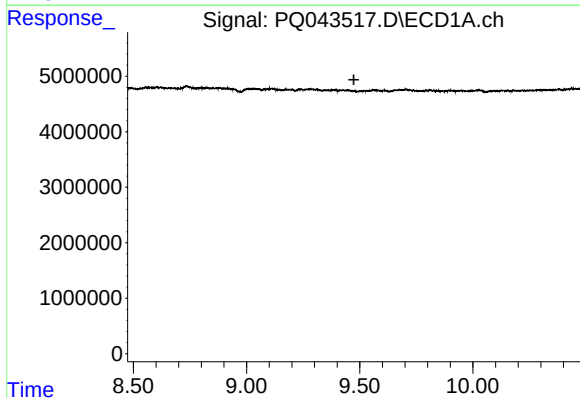
R.T.: 0.000 min
Exp R.T.: 9.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



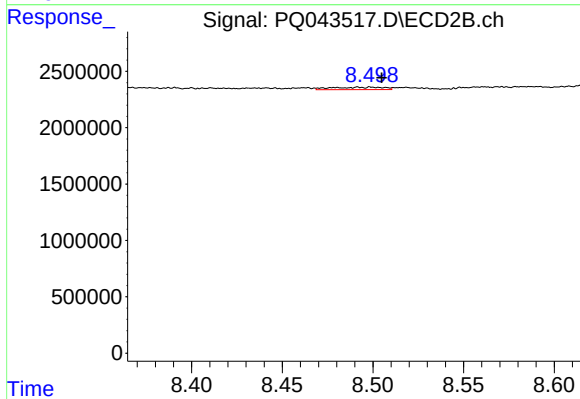
#29 AR-1254-4

R.T.: 8.017 min
Delta R.T.: -0.040 min
Response: 148953
Conc: 2.69 ng/ml



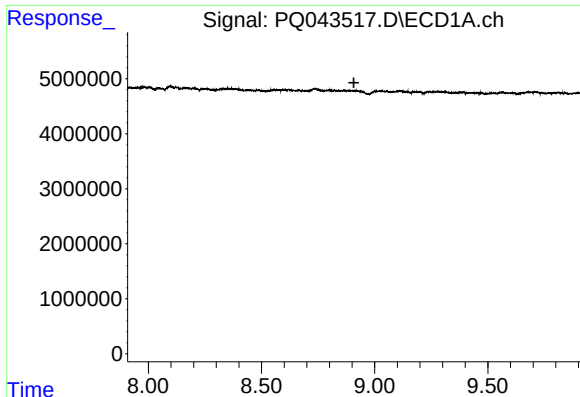
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 9.474 min
Response: 0
Conc: N.D.



#30 AR-1254-5

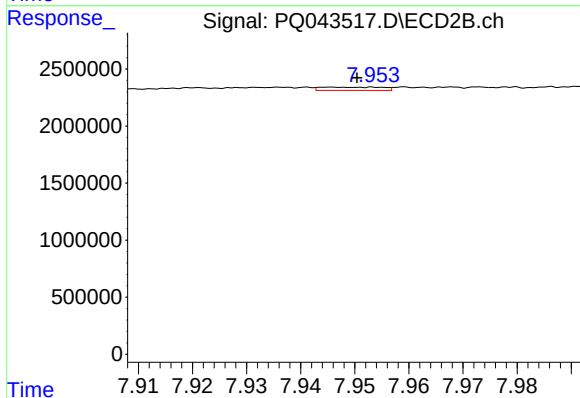
R.T.: 8.492 min
Delta R.T.: -0.013 min
Response: 440963
Conc: 5.41 ng/ml



#31 AR-1260-1

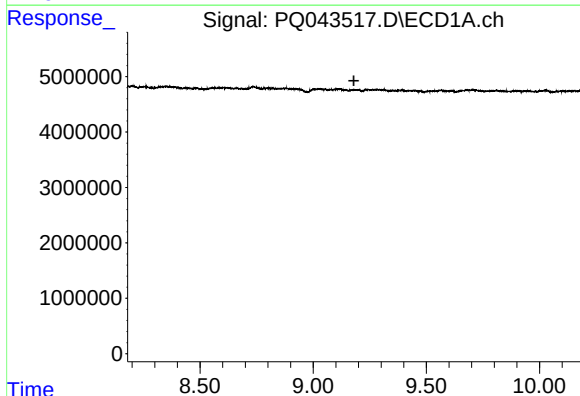
R.T.: 0.000 min
Exp R.T.: 8.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



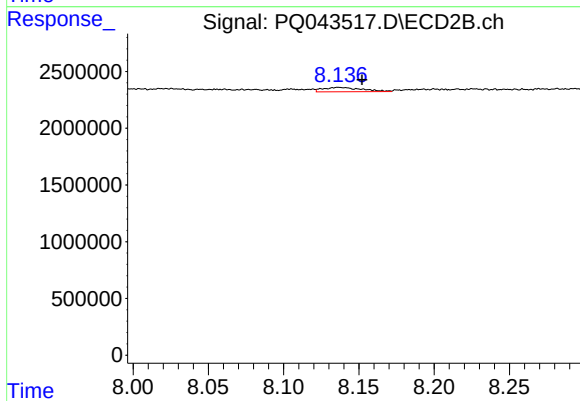
#31 AR-1260-1

R.T.: 7.945 min
Delta R.T.: -0.005 min
Response: 228214
Conc: 3.93 ng/ml



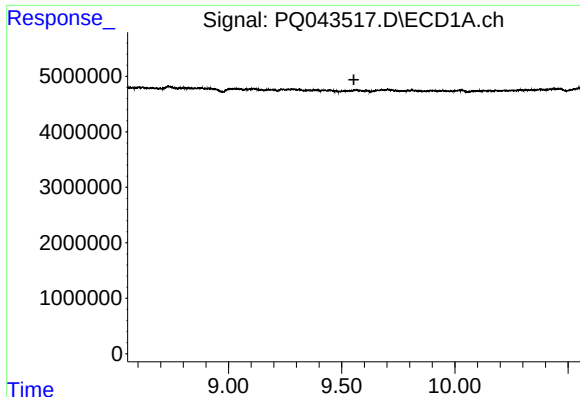
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 9.180 min
Response: 0
Conc: N.D.



#32 AR-1260-2

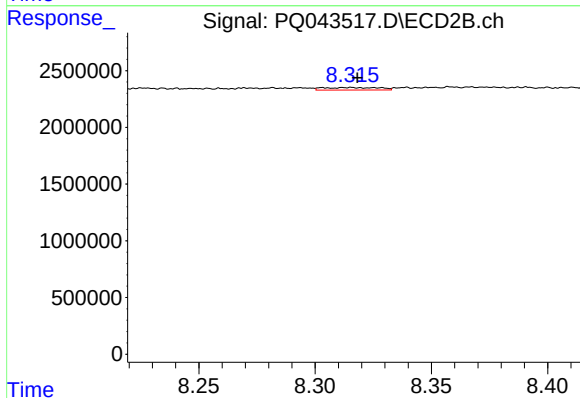
R.T.: 8.136 min
Delta R.T.: -0.016 min
Response: 703343
Conc: 9.20 ng/ml



#33 AR-1260-3

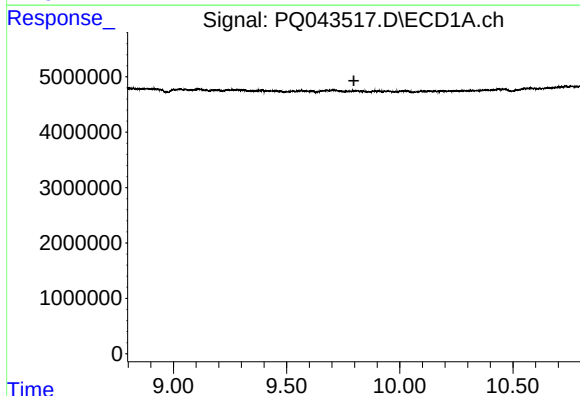
R.T.: 0.000 min
Exp R.T. : 9.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



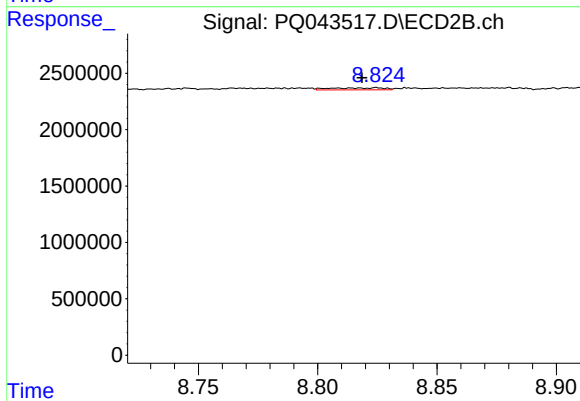
#33 AR-1260-3

R.T.: 8.315 min
Delta R.T.: -0.003 min
Response: 374857
Conc: 5.35 ng/ml



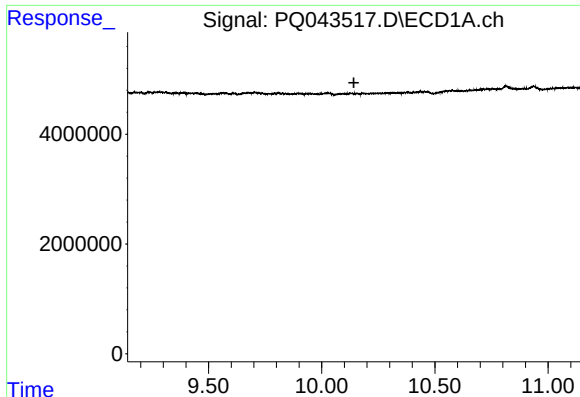
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.797 min
Response: 0
Conc: N.D.



#34 AR-1260-4

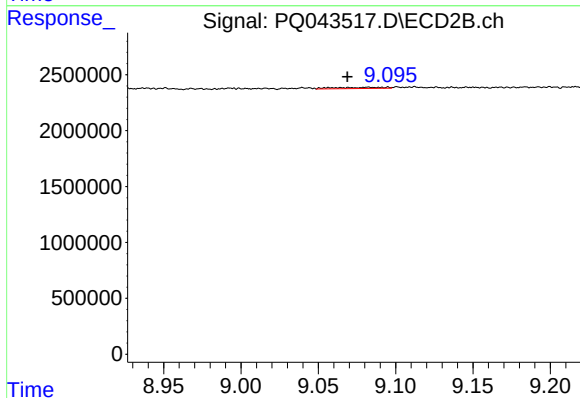
R.T.: 8.825 min
Delta R.T.: 0.006 min
Response: 280385
Conc: 4.25 ng/ml



#35 AR-1260-5

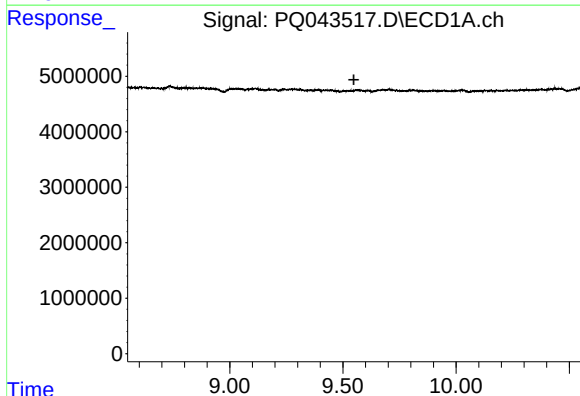
R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



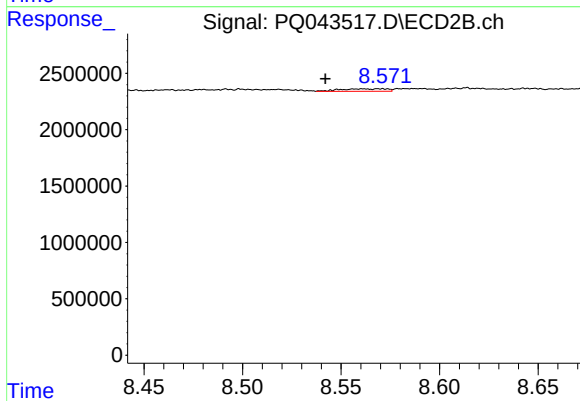
#35 AR-1260-5

R.T.: 9.082 min
Delta R.T.: 0.013 min
Response: 233026
Conc: 1.24 ng/ml



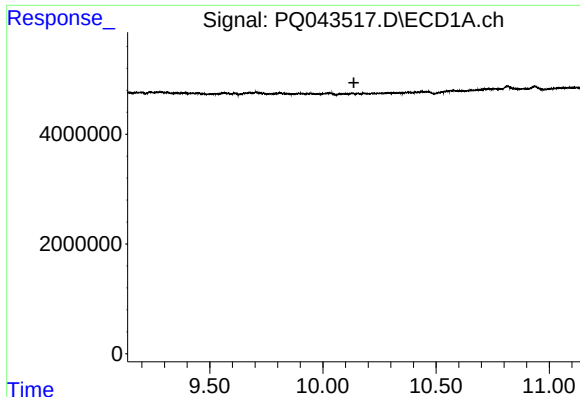
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.549 min
Response: 0
Conc: N.D.



#36 AR-1262-1

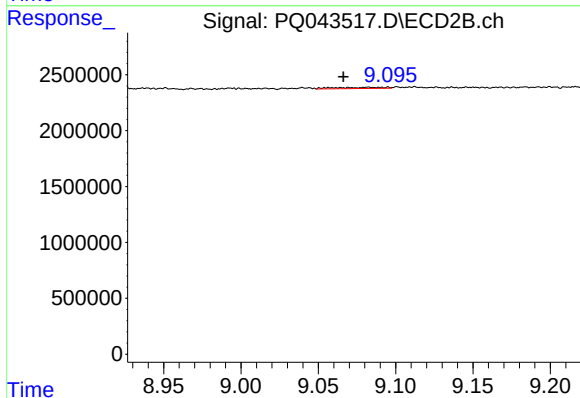
R.T.: 8.562 min
Delta R.T.: 0.020 min
Response: 364201
Conc: 3.68 ng/ml



#37 AR-1262-2

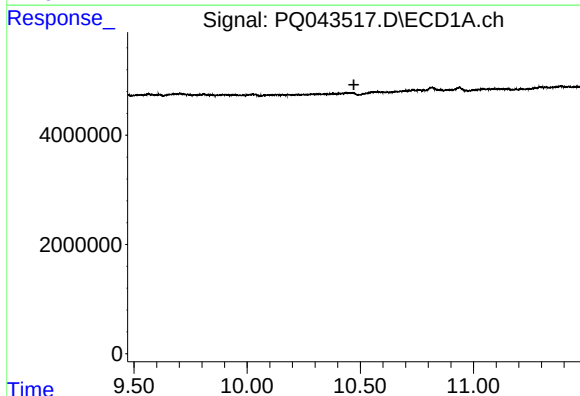
R.T.: 0.000 min
Exp R.T. : 10.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



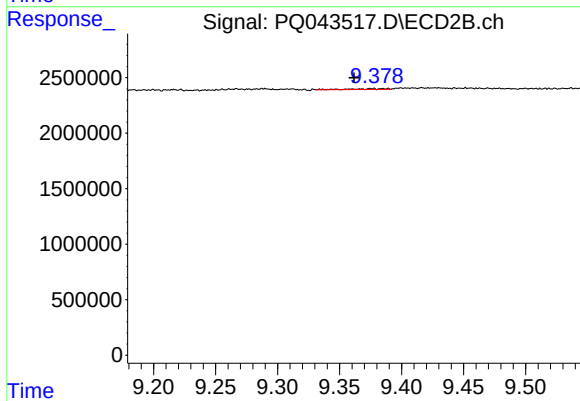
#37 AR-1262-2

R.T.: 9.082 min
Delta R.T.: 0.016 min
Response: 233026
Conc: 1.04 ng/ml



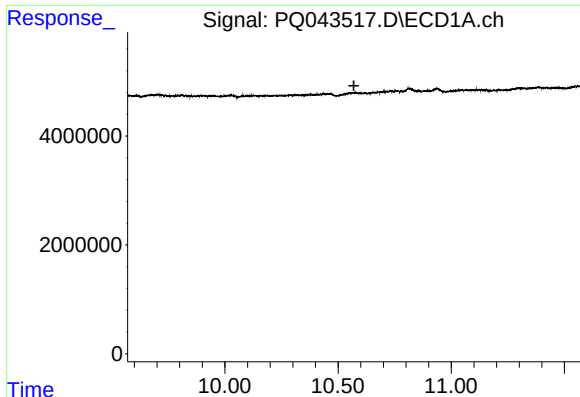
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.472 min
Response: 0
Conc: N.D.



#38 AR-1262-3

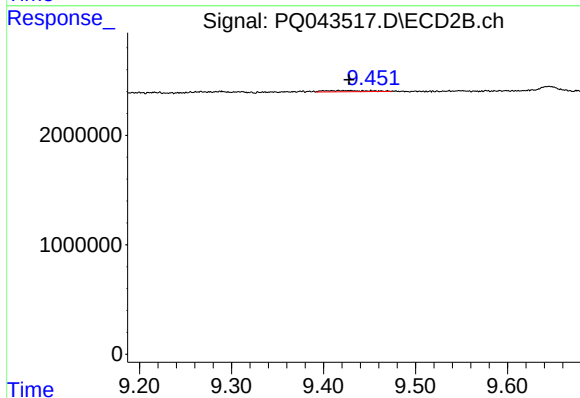
R.T.: 9.377 min
Delta R.T.: 0.015 min
Response: 123859
Conc: 1.08 ng/ml



#39 AR-1262-4

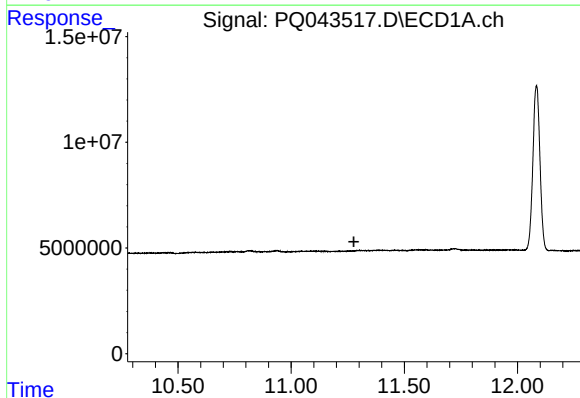
R.T.: 0.000 min
Exp R.T.: 10.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



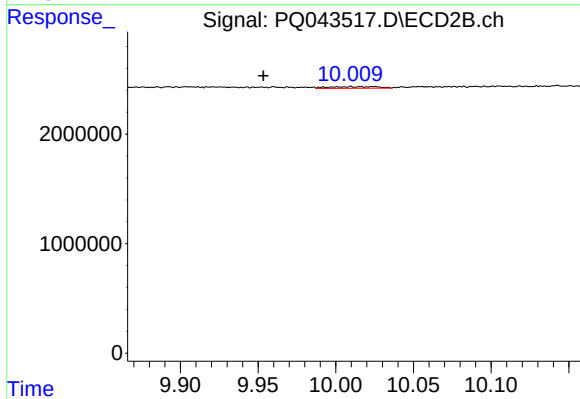
#39 AR-1262-4

R.T.: 9.416 min
Delta R.T.: -0.011 min
Response: 345863
Conc: 1.54 ng/ml



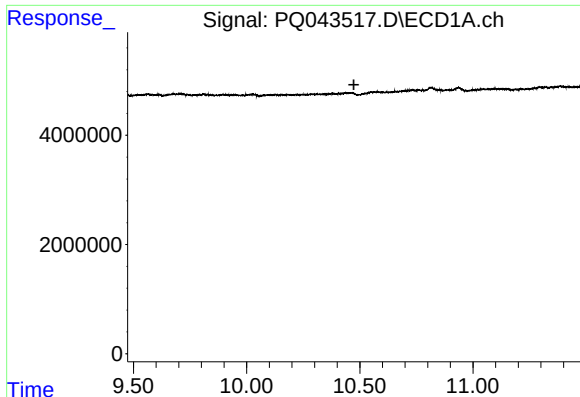
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.277 min
Response: 0
Conc: N.D.



#40 AR-1262-5

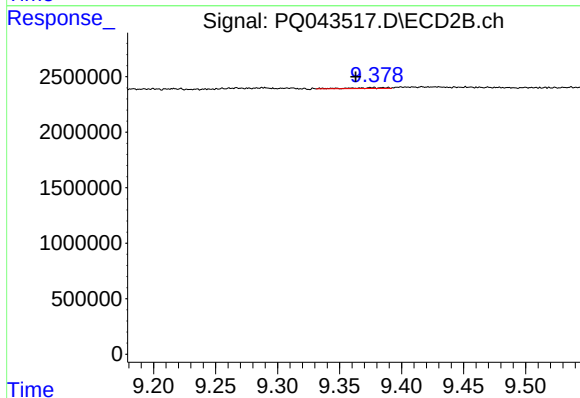
R.T.: 10.011 min
Delta R.T.: 0.057 min
Response: 338276
Conc: 2.19 ng/ml



#41 AR-1268-1

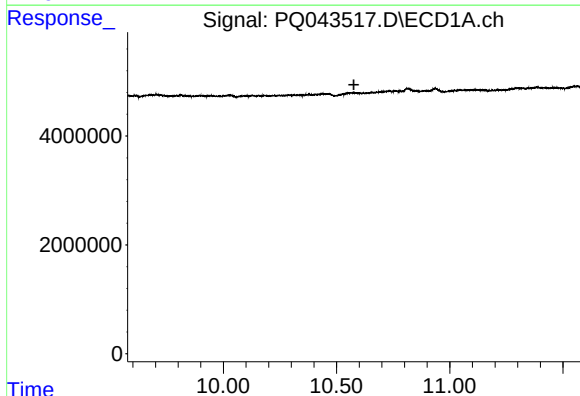
R.T.: 0.000 min
Exp R.T. : 10.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



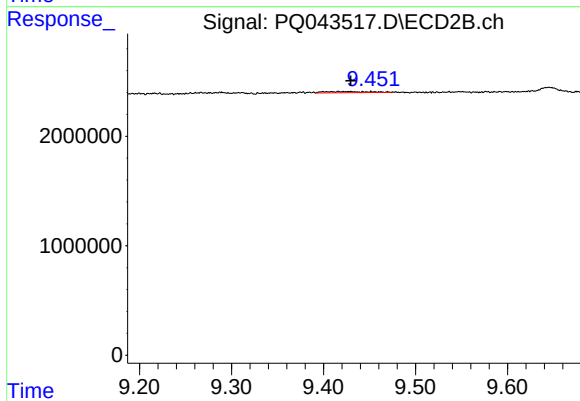
#41 AR-1268-1

R.T.: 9.377 min
Delta R.T.: 0.014 min
Response: 123859
Conc: 0.38 ng/ml



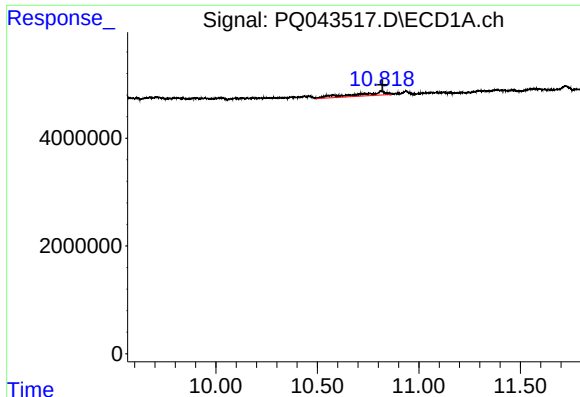
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.577 min
Response: 0
Conc: N.D.



#42 AR-1268-2

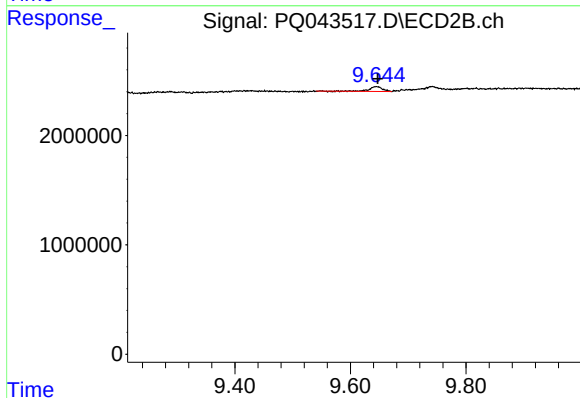
R.T.: 9.416 min
Delta R.T.: -0.013 min
Response: 345863
Conc: 1.08 ng/ml



#43 AR-1268-3

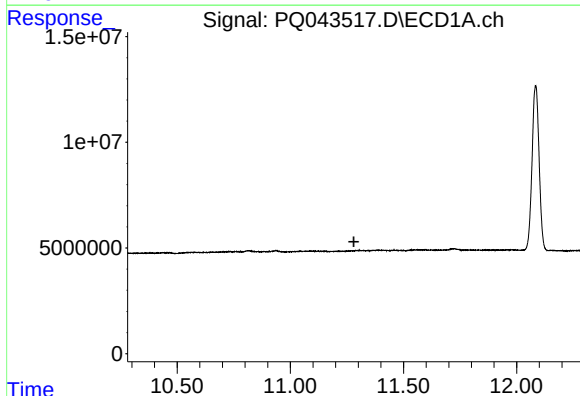
R.T.: 10.814 min
Delta R.T.: -0.007 min
Response: 7347407
Conc: 13.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



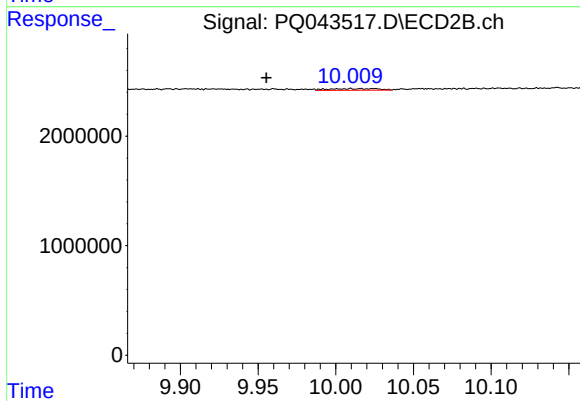
#43 AR-1268-3

R.T.: 9.645 min
Delta R.T.: -0.002 min
Response: 707836
Conc: 2.50 ng/ml



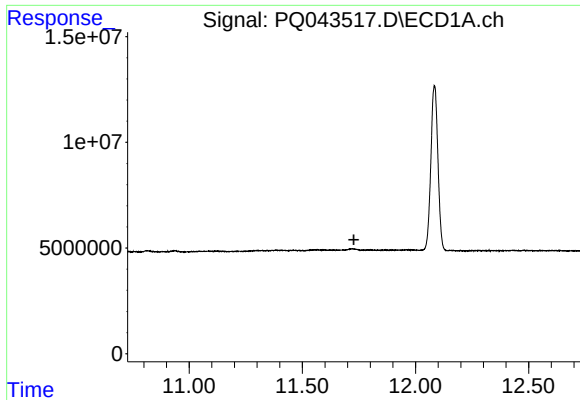
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.281 min
Response: 0
Conc: N.D.



#44 AR-1268-4

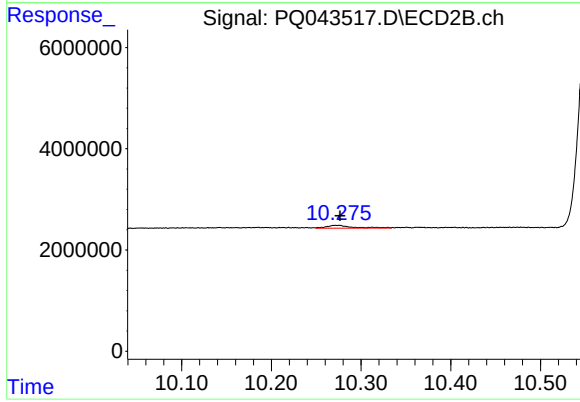
R.T.: 10.011 min
Delta R.T.: 0.055 min
Response: 338276
Conc: 2.08 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.273 min
Delta R.T.: -0.003 min
Response: 1115546
Conc: 0.89 ng/ml