

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
 Data File : PQ063479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 14:08
 Operator : YP\AJ
 Sample : 04624-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 22:29:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 26 06:41:31 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...	3.462	2.781	94405686	78064748	17.993	19.317
2)	SA Decachlor...	8.696	7.581	82681796	79287579	22.378	21.444
Target Compounds							
3)	L1 AR-1016-1	4.580	3.805	1380290	1320575	8.357	9.934
4)	L1 AR-1016-2	4.600	3.805	4042985	1320575	16.047	6.884 #
5)	L1 AR-1016-3	4.656	4.017f	2484568	1267583	15.857	12.075
6)	L1 AR-1016-4	4.752	4.017	1406760	1267583	10.975	14.327 #
7)	L1 AR-1016-5	5.038	0.000	590777	0	4.686	N.D. #
8)	L2 AR-1221-1	3.646	3.052f	763385	1185486	12.177	24.484 #
9)	L2 AR-1221-2	3.743	3.052	1810181	1185486	43.850	35.574
10)	L2 AR-1221-3	0.000	3.094f	0	563006	N.D.	4.962 #
11)	L3 AR-1232-1	0.000	3.094f	0	563006	N.D.	5.997 #
12)	L3 AR-1232-2	4.305	3.805	679559	1320575	11.499	15.187 #
13)	L3 AR-1232-3	4.600	4.017f	4042985	1267583	35.490	27.616
14)	L3 AR-1232-4	4.752	4.053	1406760	450290	24.333	11.512 #
15)	L3 AR-1232-5	4.847	0.000	1820278	0	44.966	N.D. #
16)	L4 AR-1242-1	4.580	3.805	1380290	1320575	9.912	11.723
17)	L4 AR-1242-2	4.600	3.805	4042985	1320575	18.860	8.132 #
18)	L4 AR-1242-3	4.656	4.017f	2484568	1267583	18.689	14.460
19)	L4 AR-1242-4	4.752	4.053	1406760	450290	12.900	5.494 #
20)	L4 AR-1242-5	5.472	4.553	892974	981340	7.699	9.211
21)	L5 AR-1248-1	4.580	3.805	1380290	1320575	12.933	15.256
22)	L5 AR-1248-2	4.847	4.017	1820278	1267583	11.891	9.843
23)	L5 AR-1248-3	5.038	4.053	590777	450290	3.215	3.634
24)	L5 AR-1248-4	5.405	0.000	3620700	0	17.818	N.D. #
25)	L5 AR-1248-5	5.472	4.590	892974	1036057	4.453	6.826 #
26)	L6 AR-1254-1	5.405	4.553	3620700	981340	18.094	4.447 #
27)	L6 AR-1254-2	5.621	4.701	1033986	672509	3.302	3.466
28)	L6 AR-1254-3	5.983	5.093	582127	3056727	1.794	10.020 #
29)	L6 AR-1254-4	6.268	5.357f	607978	737790	2.586	3.785 #
31)	L7 AR-1260-1	6.204f	5.218	605318	1257380	2.447	5.878 #
32)	L7 AR-1260-2	6.406	5.357f	897540	737790	3.008	2.908
33)	L7 AR-1260-3	0.000	5.489f	0	623984	N.D.	2.577 #
34)	L7 AR-1260-4	7.000	5.985	16000614	18816526	65.066	92.860 #
35)	L7 AR-1260-5	7.334f	6.267	4707955	8888730	9.882	19.163 #
37)	L8 AR-1262-2	7.334f	6.267	4707955	8888730	8.638	17.155 #
38)	L8 AR-1262-3	7.515f	6.553	1122112	1362689	3.105	6.351 #
39)	L8 AR-1262-4	7.673	6.631	852232	968305	3.110	2.477
40)	L8 AR-1262-5	8.163	0.000	1862032	0	10.062	N.D. #
41)	L9 AR-1268-1	7.515f	6.553	1122112	1362689	1.781	2.259 #
42)	L9 AR-1268-2	7.673	6.631	852232	968305	1.506	1.785
43)	L9 AR-1268-3	7.834	0.000	886394	0	1.810	N.D. #

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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
44) L9	AR-1268-4	8.163	0.000	1862032	0	9.188	N.D. #
45) L9	AR-1268-5	8.456	7.362	1187345	420657	0.827	0.294 #

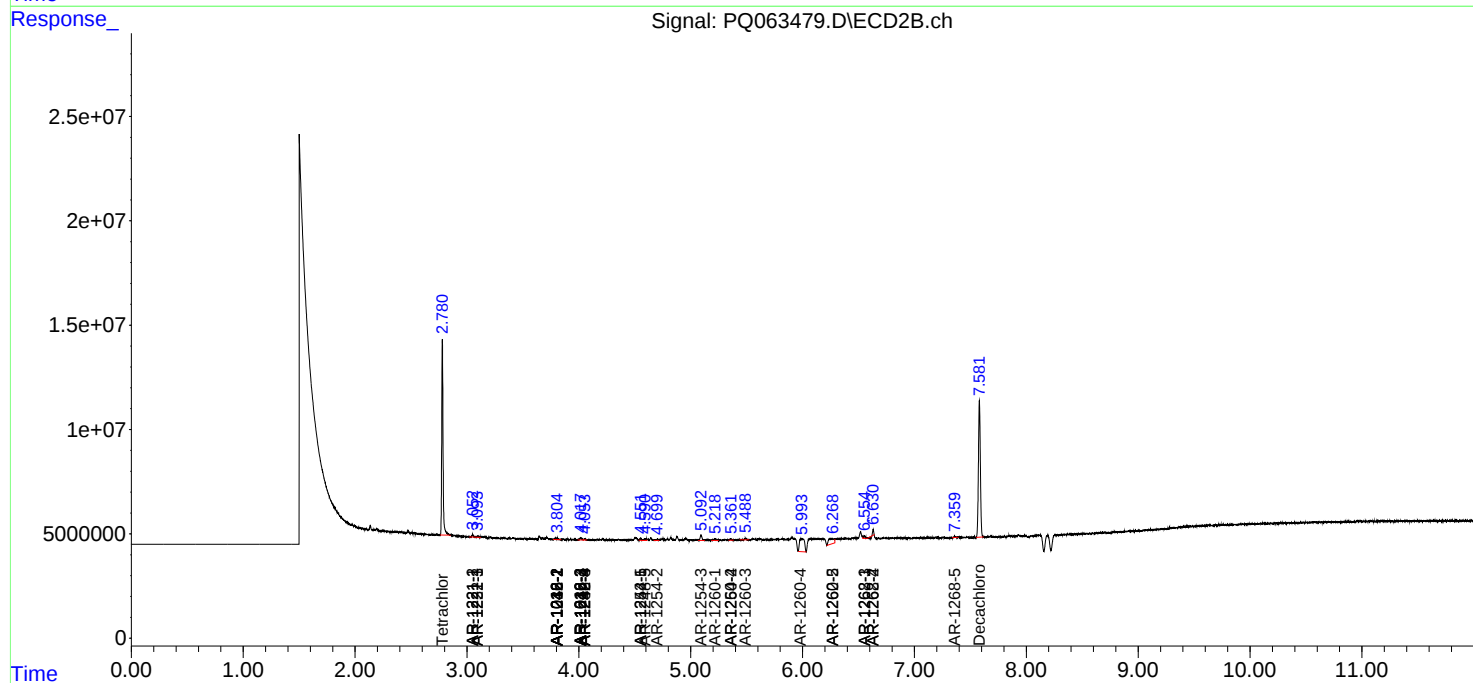
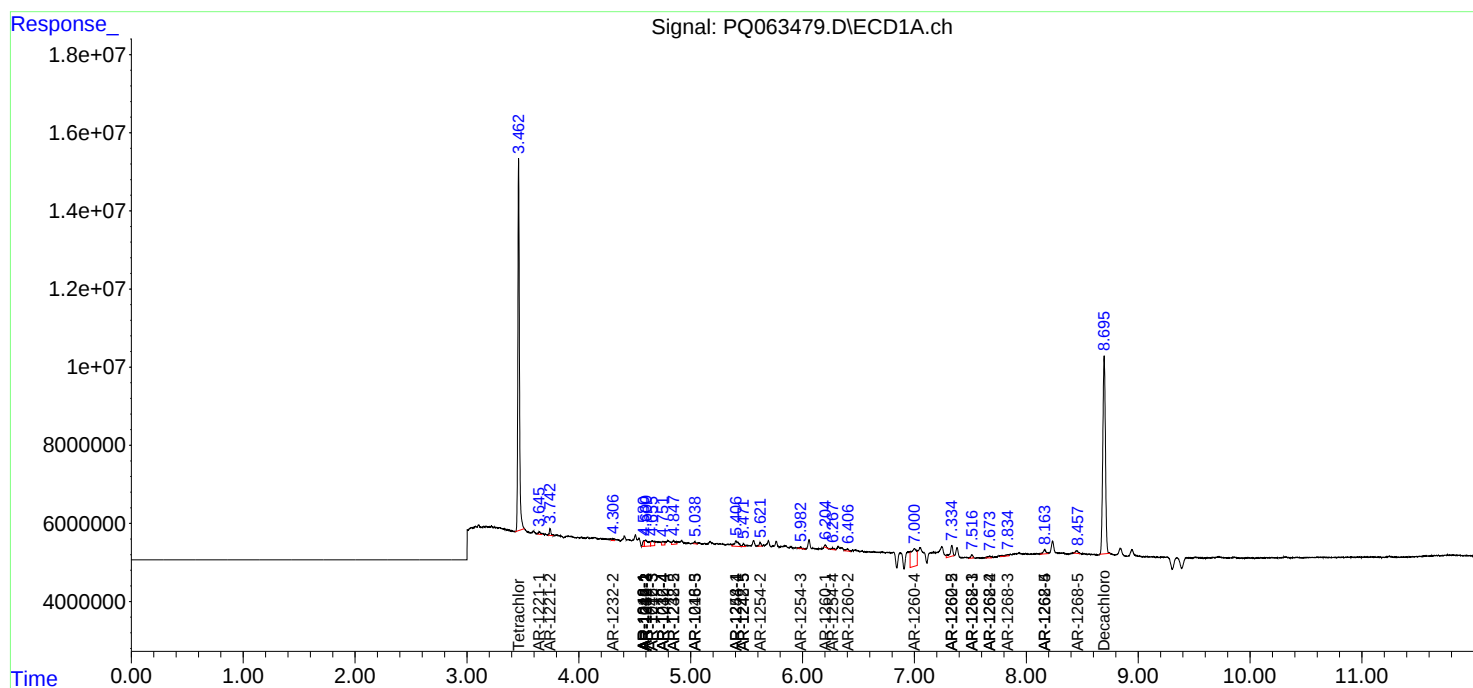
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

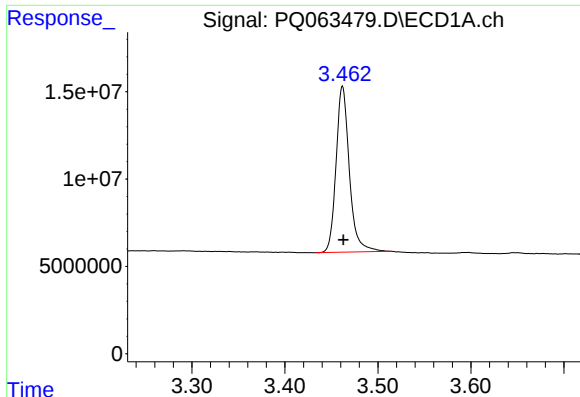
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

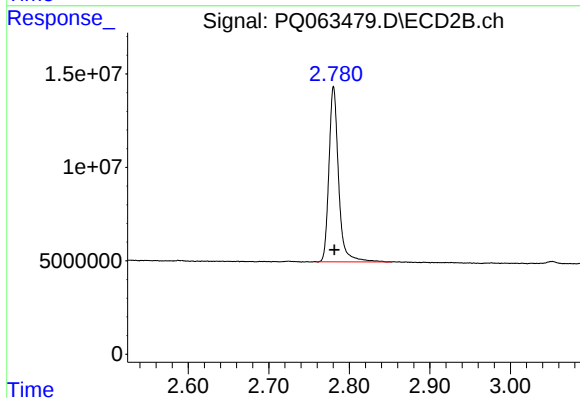




#1 Tetrachloro-m-xylene

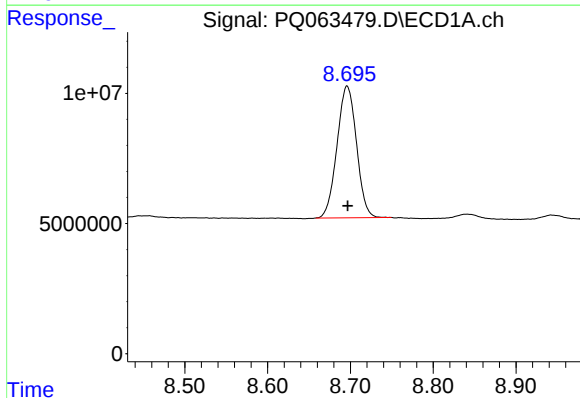
R.T.: 3.462 min
Delta R.T.: -0.001 min
Response: 94405686
Conc: 17.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



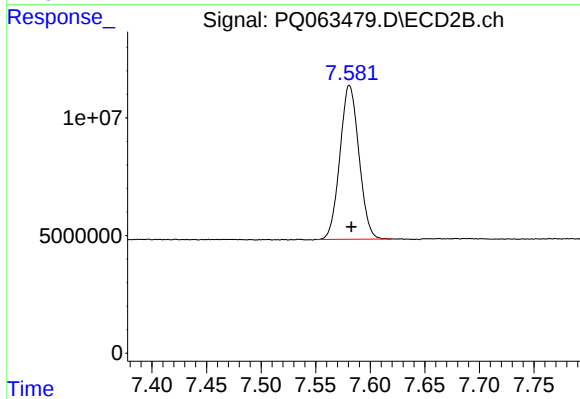
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 78064748
Conc: 19.32 ng/ml



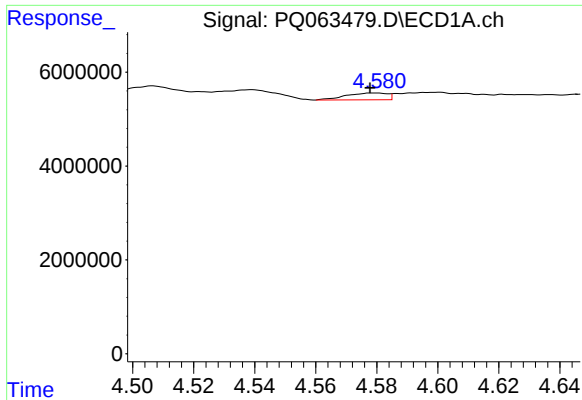
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 82681796
Conc: 22.38 ng/ml



#2 Decachlorobiphenyl

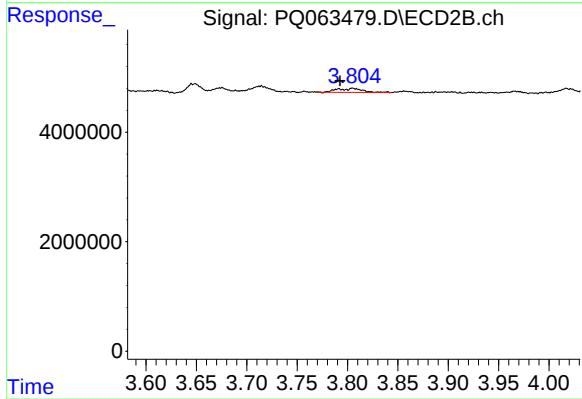
R.T.: 7.581 min
Delta R.T.: -0.001 min
Response: 79287579
Conc: 21.44 ng/ml



#3 AR-1016-1

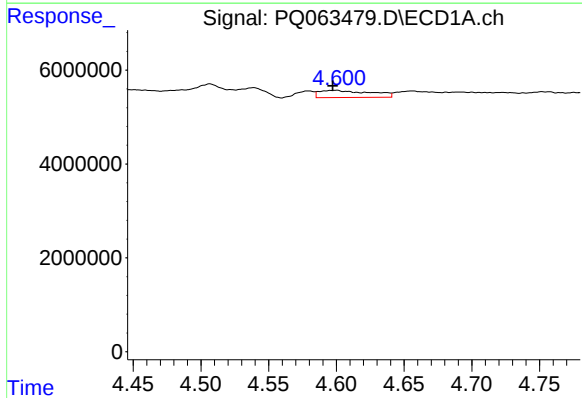
R.T.: 4.580 min
Delta R.T.: 0.002 min
Response: 1380290
Conc: 8.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



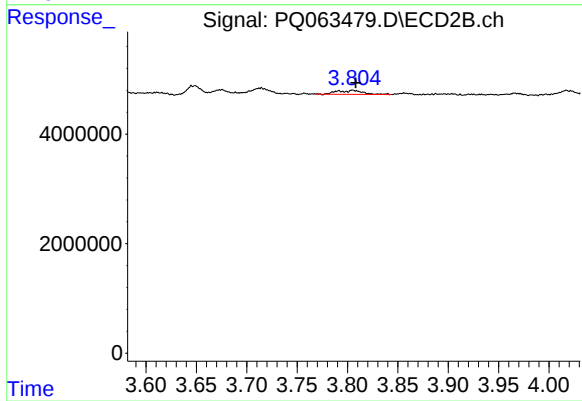
#3 AR-1016-1

R.T.: 3.805 min
Delta R.T.: 0.013 min
Response: 1320575
Conc: 9.93 ng/ml



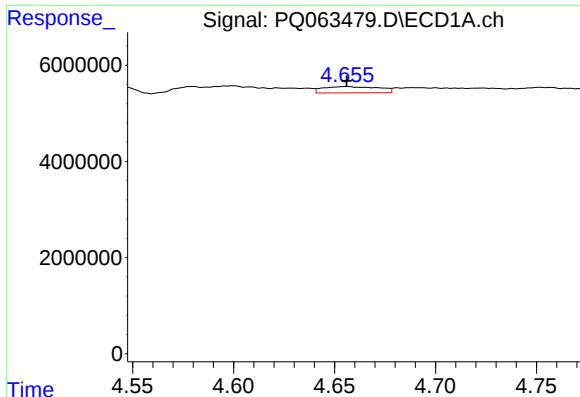
#4 AR-1016-2

R.T.: 4.600 min
Delta R.T.: 0.003 min
Response: 4042985
Conc: 16.05 ng/ml



#4 AR-1016-2

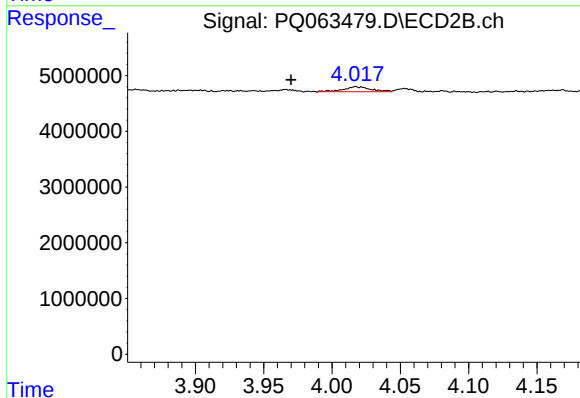
R.T.: 3.805 min
Delta R.T.: -0.003 min
Response: 1320575
Conc: 6.88 ng/ml



#5 AR-1016-3

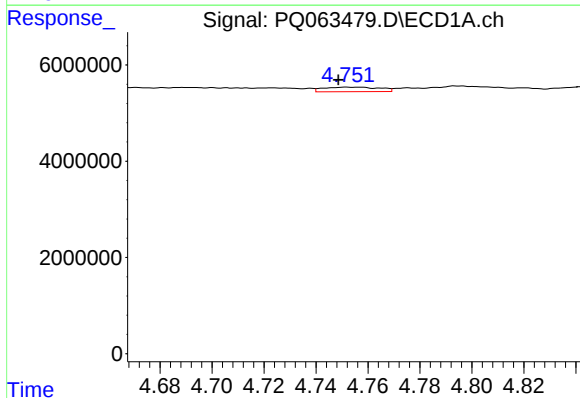
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 2484568
Conc: 15.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



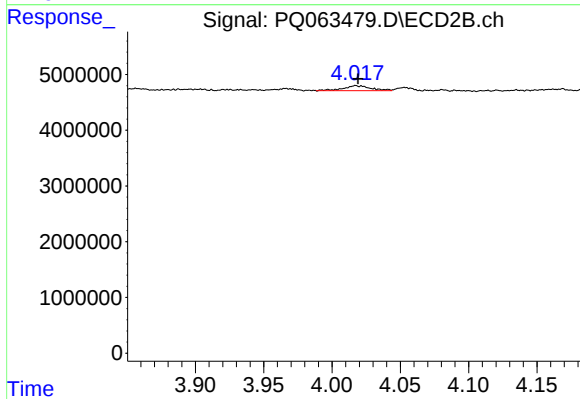
#5 AR-1016-3

R.T.: 4.017 min
Delta R.T.: 0.047 min
Response: 1267583
Conc: 12.08 ng/ml



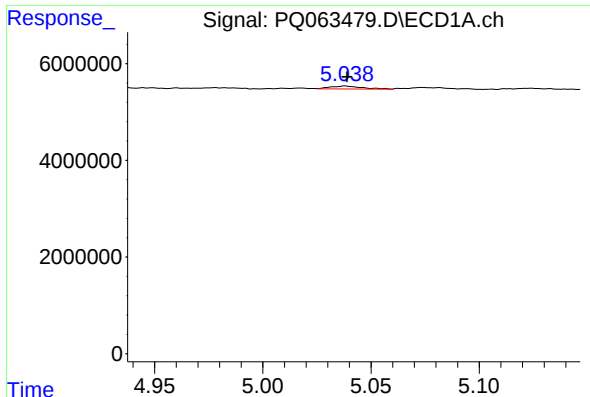
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 1406760
Conc: 10.98 ng/ml



#6 AR-1016-4

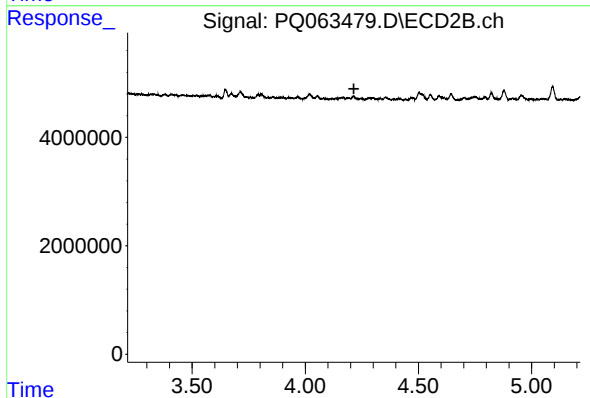
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 1267583
Conc: 14.33 ng/ml



#7 AR-1016-5

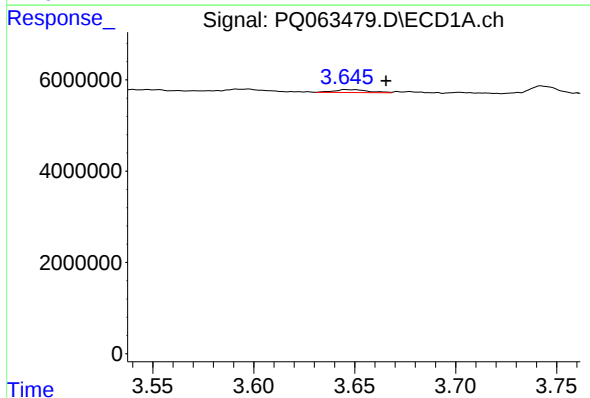
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 590777
Conc: 4.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



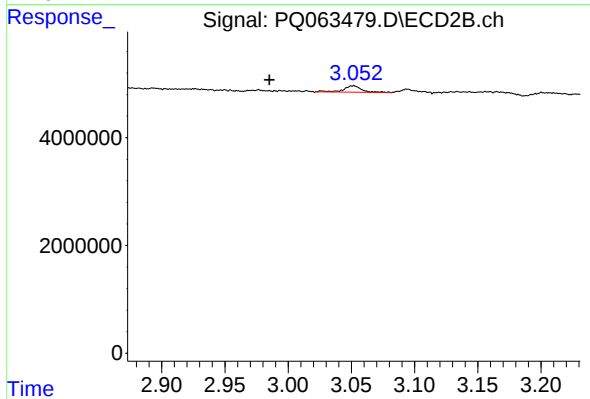
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.215 min
Response: 0
Conc: N.D.



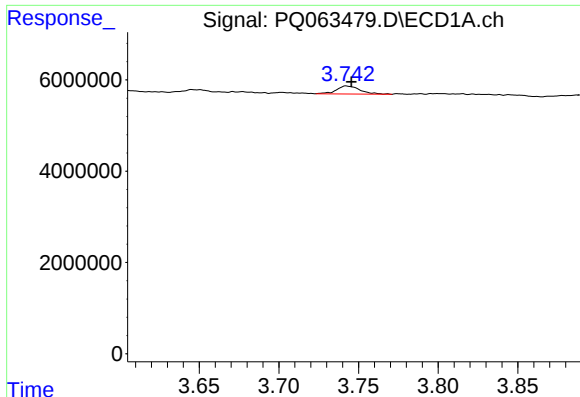
#8 AR-1221-1

R.T.: 3.646 min
Delta R.T.: -0.020 min
Response: 763385
Conc: 12.18 ng/ml



#8 AR-1221-1

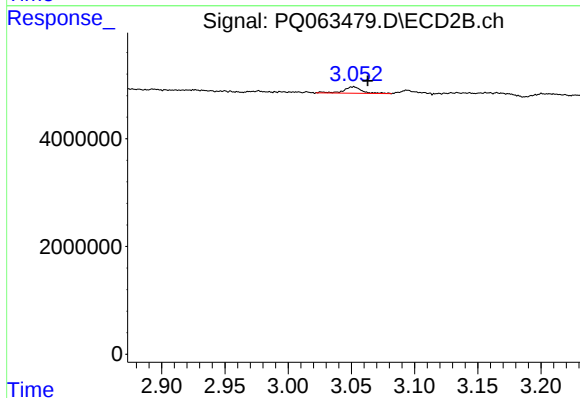
R.T.: 3.052 min
Delta R.T.: 0.066 min
Response: 1185486
Conc: 24.48 ng/ml



#9 AR-1221-2

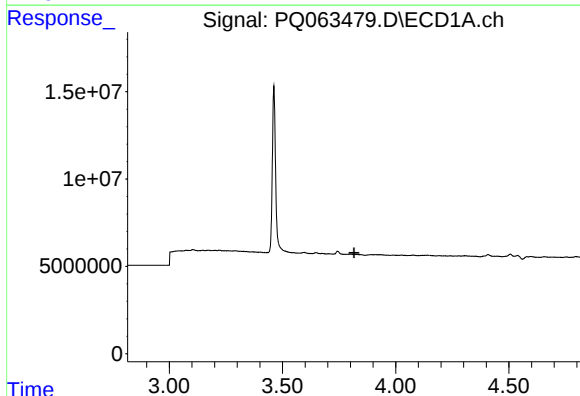
R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 1810181
Conc: 43.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



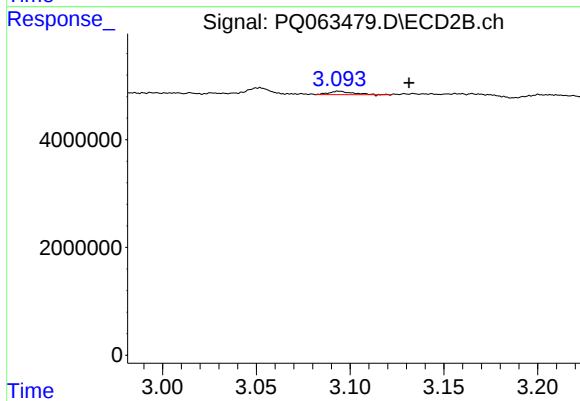
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 1185486
Conc: 35.57 ng/ml



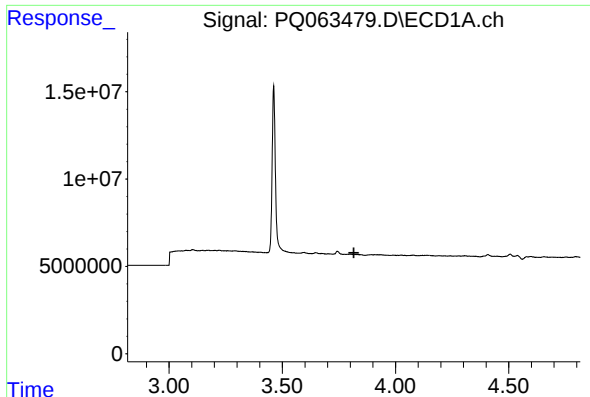
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



#10 AR-1221-3

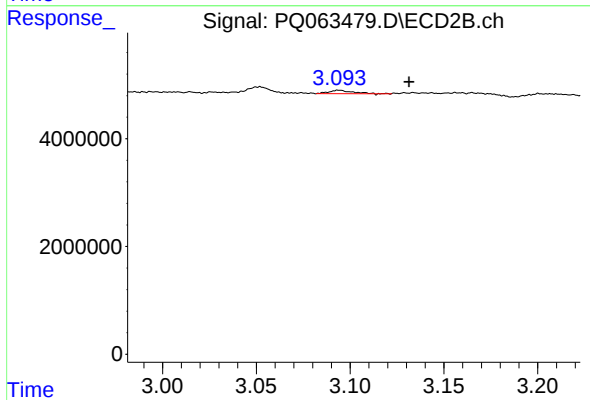
R.T.: 3.094 min
Delta R.T.: -0.037 min
Response: 563006
Conc: 4.96 ng/ml



#11 AR-1232-1

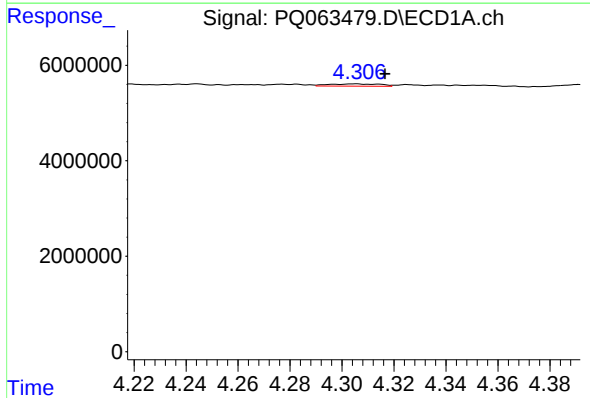
R.T.: 0.000 min
Exp R.T.: 3.816 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



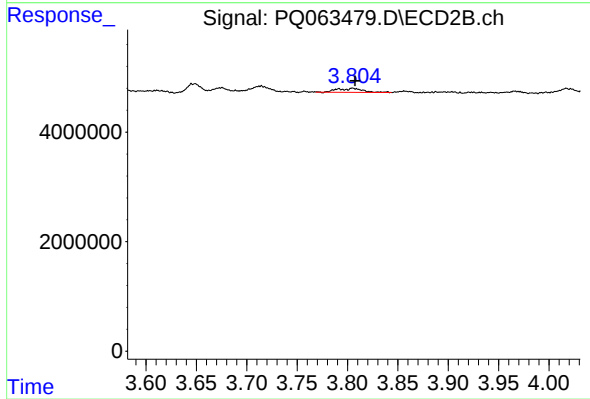
#11 AR-1232-1

R.T.: 3.094 min
Delta R.T.: -0.037 min
Response: 563006
Conc: 6.00 ng/ml



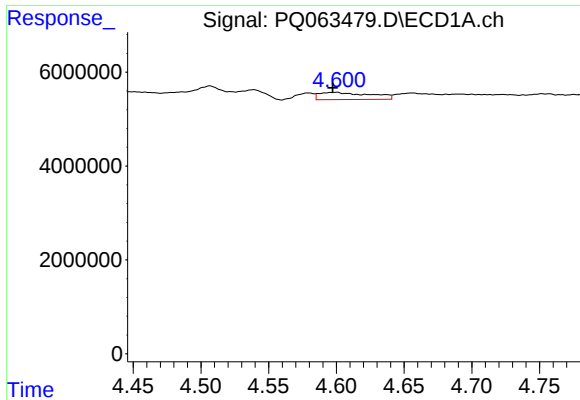
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: -0.011 min
Response: 679559
Conc: 11.50 ng/ml



#12 AR-1232-2

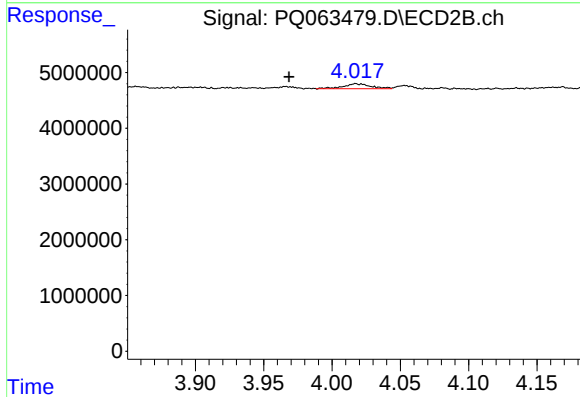
R.T.: 3.805 min
Delta R.T.: -0.002 min
Response: 1320575
Conc: 15.19 ng/ml



#13 AR-1232-3

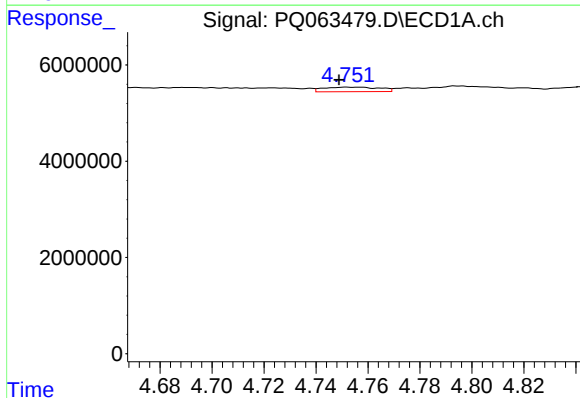
R.T.: 4.600 min
Delta R.T.: 0.002 min
Response: 4042985
Conc: 35.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



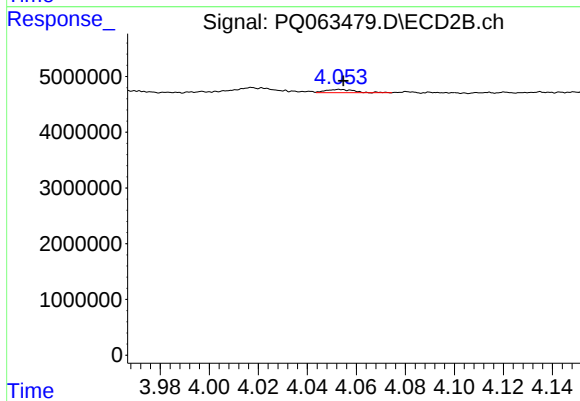
#13 AR-1232-3

R.T.: 4.017 min
Delta R.T.: 0.049 min
Response: 1267583
Conc: 27.62 ng/ml



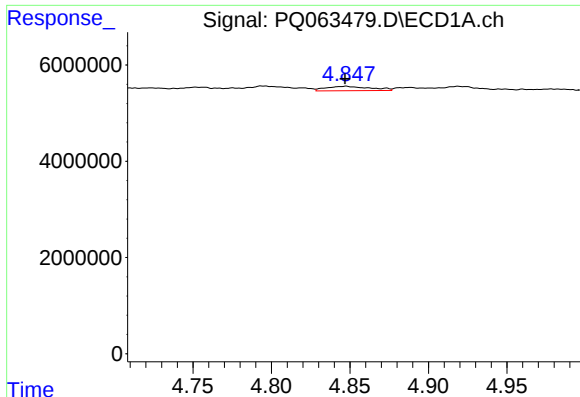
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 1406760
Conc: 24.33 ng/ml



#14 AR-1232-4

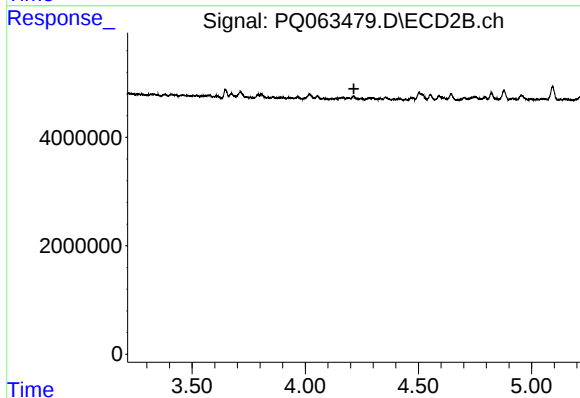
R.T.: 4.053 min
Delta R.T.: -0.002 min
Response: 450290
Conc: 11.51 ng/ml



#15 AR-1232-5

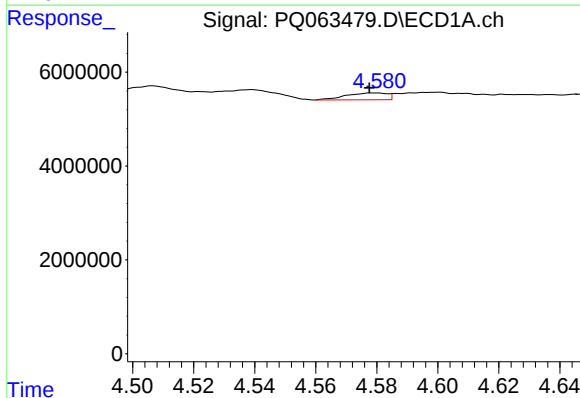
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 1820278
Conc: 44.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



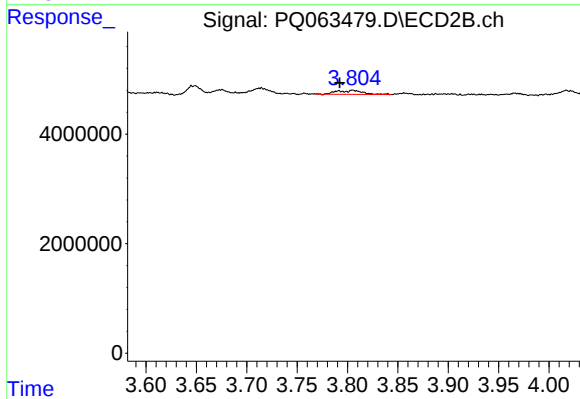
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.215 min
Response: 0
Conc: N.D.



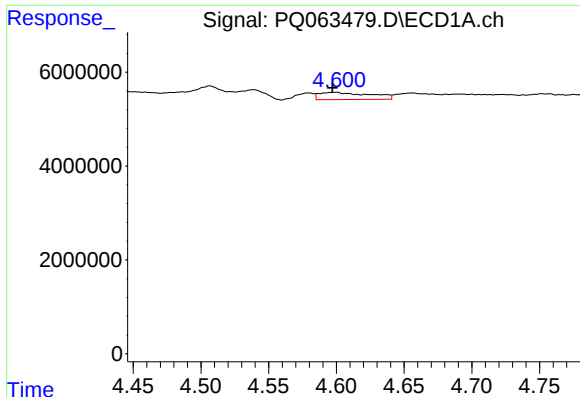
#16 AR-1242-1

R.T.: 4.580 min
Delta R.T.: 0.002 min
Response: 1380290
Conc: 9.91 ng/ml



#16 AR-1242-1

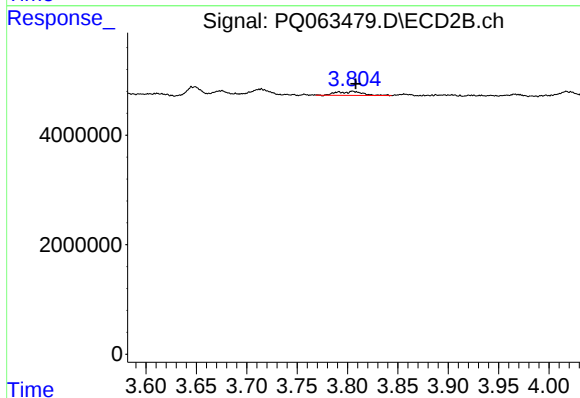
R.T.: 3.805 min
Delta R.T.: 0.013 min
Response: 1320575
Conc: 11.72 ng/ml



#17 AR-1242-2

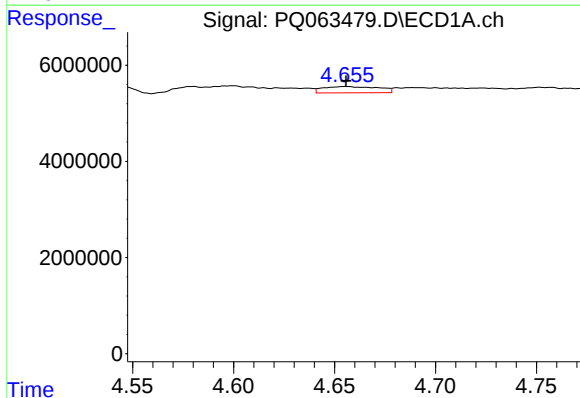
R.T.: 4.600 min
Delta R.T.: 0.003 min
Response: 4042985
Conc: 18.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



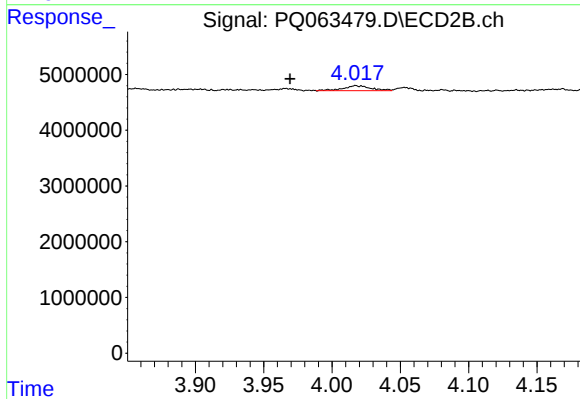
#17 AR-1242-2

R.T.: 3.805 min
Delta R.T.: -0.003 min
Response: 1320575
Conc: 8.13 ng/ml



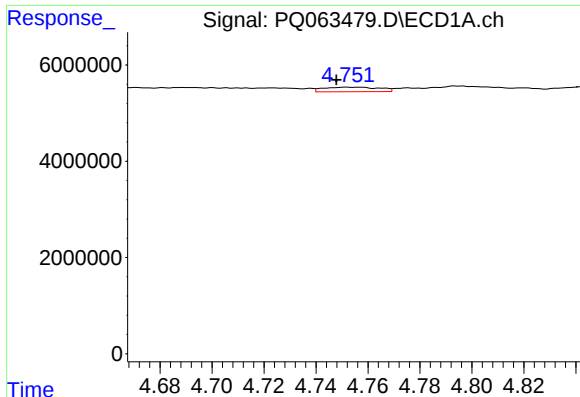
#18 AR-1242-3

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 2484568
Conc: 18.69 ng/ml



#18 AR-1242-3

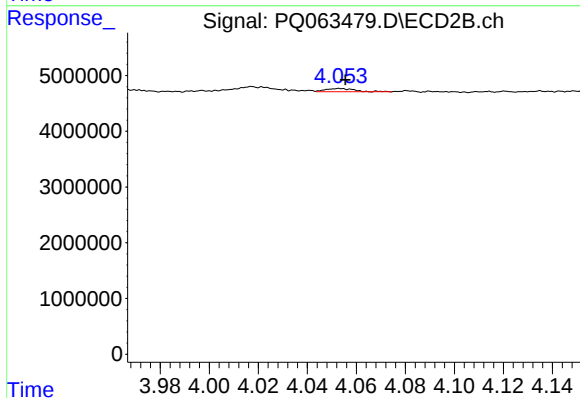
R.T.: 4.017 min
Delta R.T.: 0.048 min
Response: 1267583
Conc: 14.46 ng/ml



#19 AR-1242-4

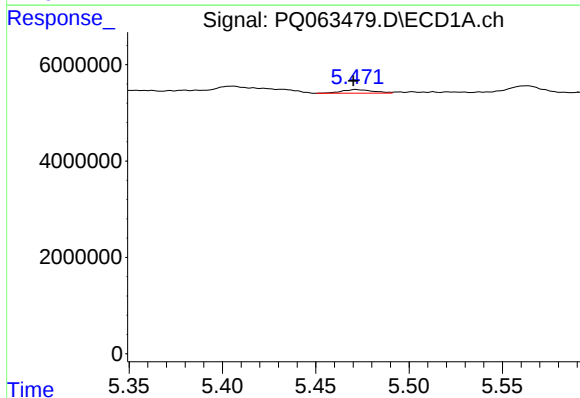
R.T.: 4.752 min
Delta R.T.: 0.004 min
Response: 1406760
Conc: 12.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



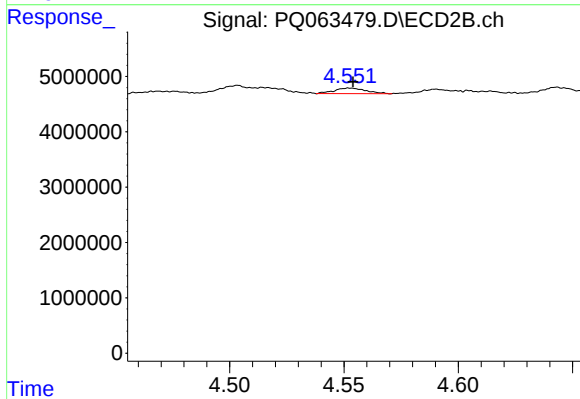
#19 AR-1242-4

R.T.: 4.053 min
Delta R.T.: -0.002 min
Response: 450290
Conc: 5.49 ng/ml



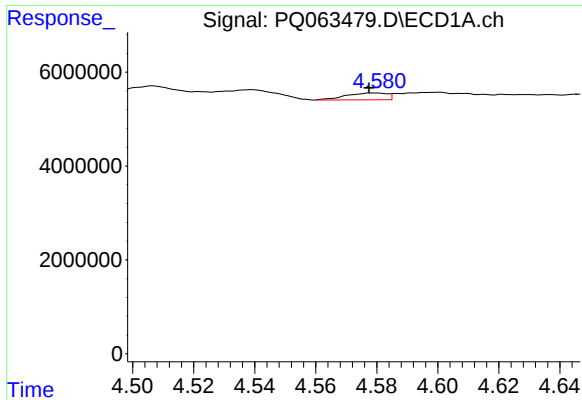
#20 AR-1242-5

R.T.: 5.472 min
Delta R.T.: 0.001 min
Response: 892974
Conc: 7.70 ng/ml



#20 AR-1242-5

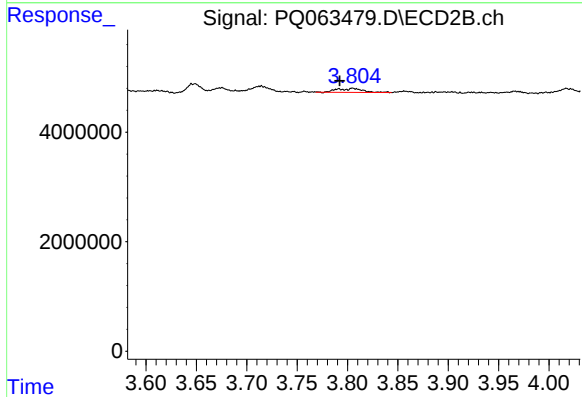
R.T.: 4.553 min
Delta R.T.: -0.001 min
Response: 981340
Conc: 9.21 ng/ml



#21 AR-1248-1

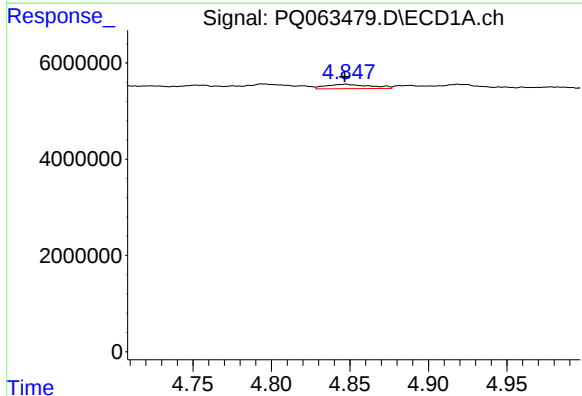
R.T.: 4.580 min
Delta R.T.: 0.002 min
Response: 1380290
Conc: 12.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



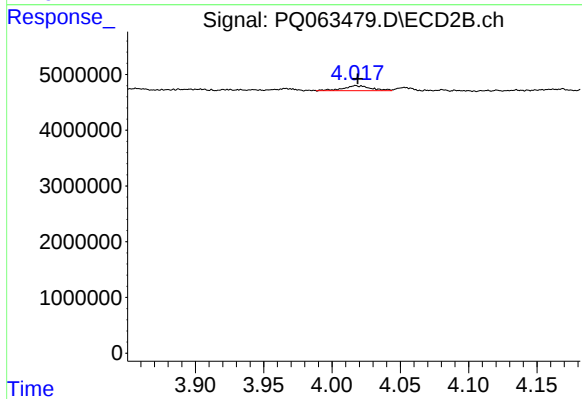
#21 AR-1248-1

R.T.: 3.805 min
Delta R.T.: 0.013 min
Response: 1320575
Conc: 15.26 ng/ml



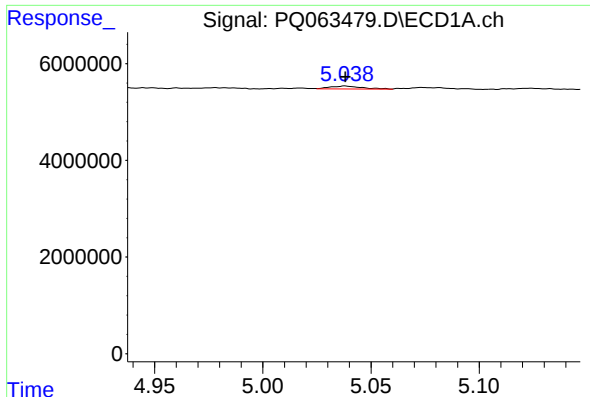
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 1820278
Conc: 11.89 ng/ml



#22 AR-1248-2

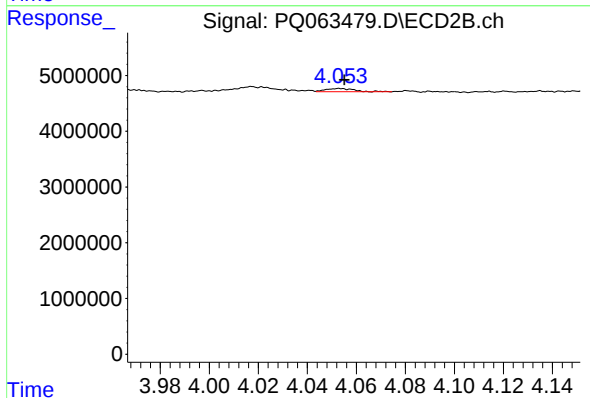
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 1267583
Conc: 9.84 ng/ml



#23 AR-1248-3

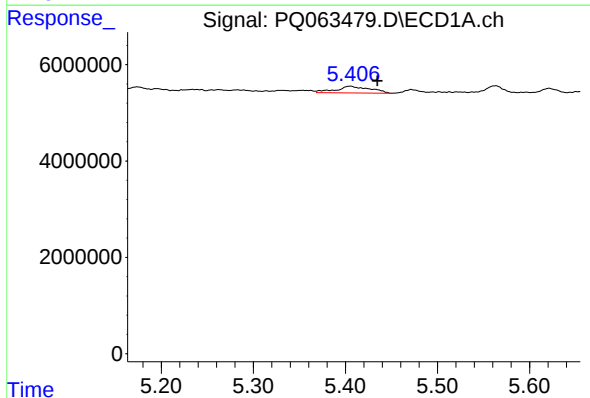
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 590777
Conc: 3.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



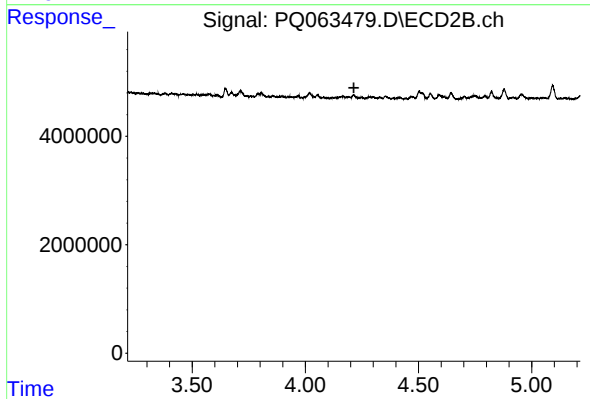
#23 AR-1248-3

R.T.: 4.053 min
Delta R.T.: -0.002 min
Response: 450290
Conc: 3.63 ng/ml



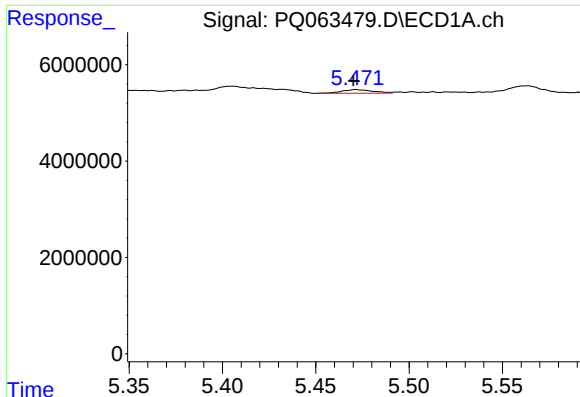
#24 AR-1248-4

R.T.: 5.405 min
Delta R.T.: -0.030 min
Response: 3620700
Conc: 17.82 ng/ml



#24 AR-1248-4

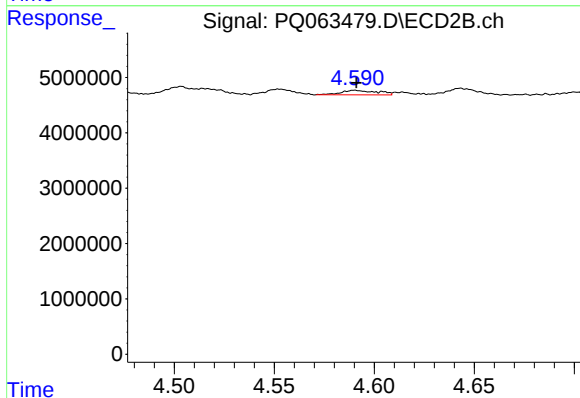
R.T.: 0.000 min
Exp R.T.: 4.214 min
Response: 0
Conc: N.D.



#25 AR-1248-5

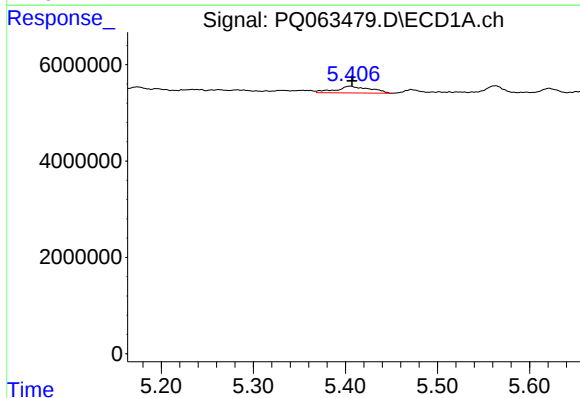
R.T.: 5.472 min
Delta R.T.: 0.001 min
Response: 892974
Conc: 4.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



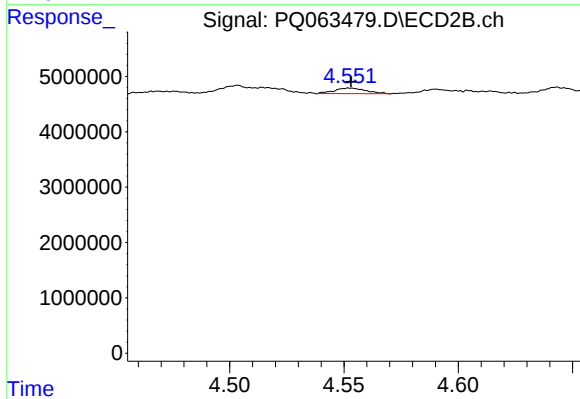
#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 1036057
Conc: 6.83 ng/ml



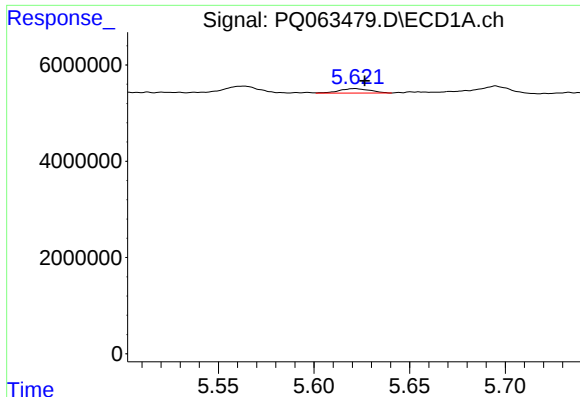
#26 AR-1254-1

R.T.: 5.405 min
Delta R.T.: -0.002 min
Response: 3620700
Conc: 18.09 ng/ml



#26 AR-1254-1

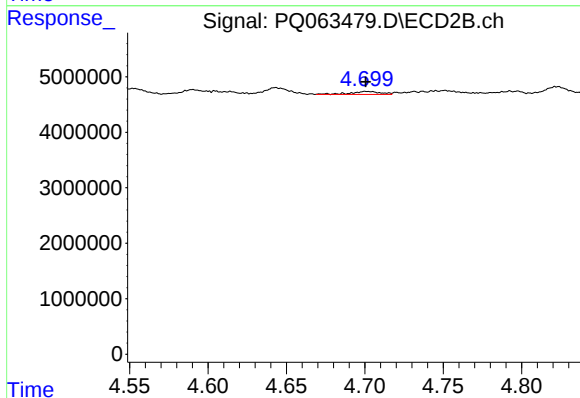
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 981340
Conc: 4.45 ng/ml



#27 AR-1254-2

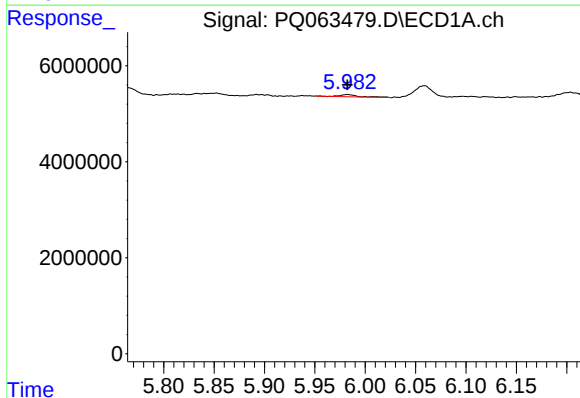
R.T.: 5.621 min
Delta R.T.: -0.005 min
Response: 1033986
Conc: 3.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



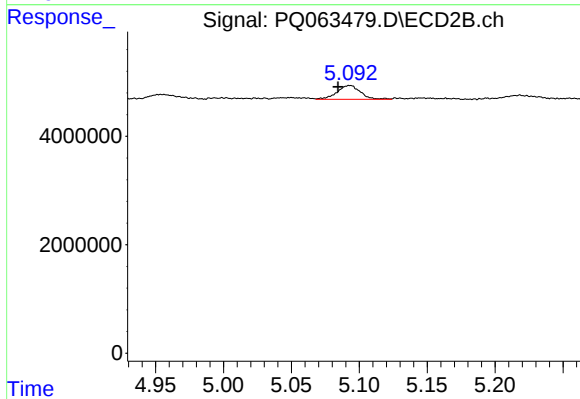
#27 AR-1254-2

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 672509
Conc: 3.47 ng/ml



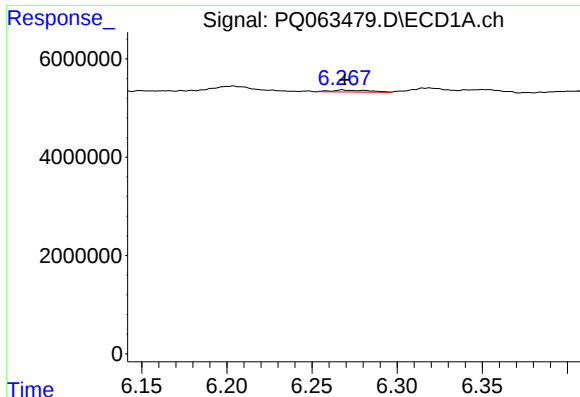
#28 AR-1254-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 582127
Conc: 1.79 ng/ml



#28 AR-1254-3

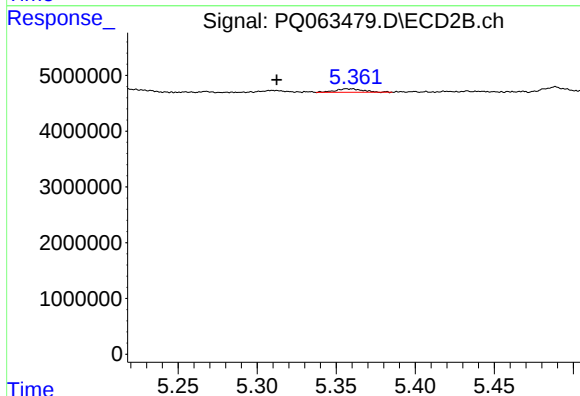
R.T.: 5.093 min
Delta R.T.: 0.009 min
Response: 3056727
Conc: 10.02 ng/ml



#29 AR-1254-4

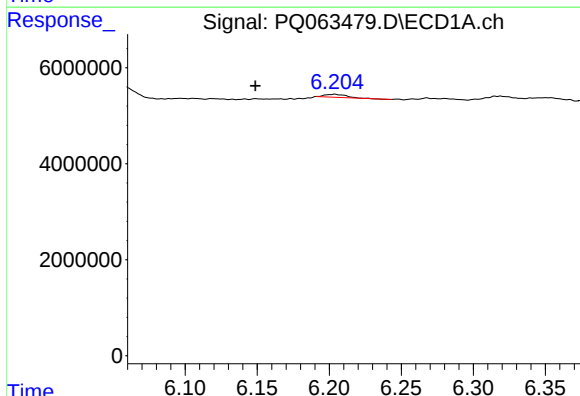
R.T.: 6.268 min
Delta R.T.: -0.002 min
Response: 607978
Conc: 2.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



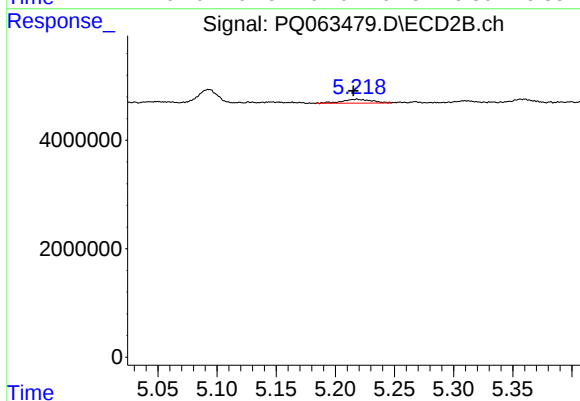
#29 AR-1254-4

R.T.: 5.357 min
Delta R.T.: 0.045 min
Response: 737790
Conc: 3.78 ng/ml



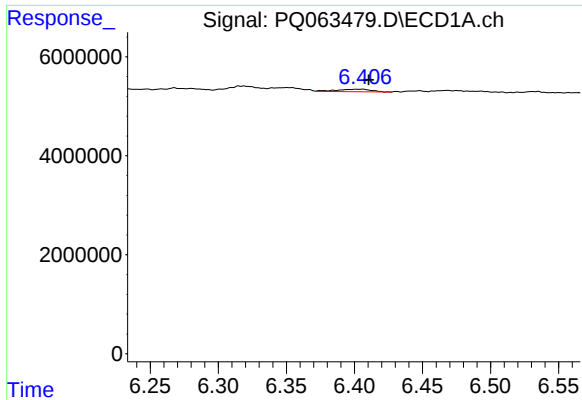
#31 AR-1260-1

R.T.: 6.204 min
Delta R.T.: 0.055 min
Response: 605318
Conc: 2.45 ng/ml



#31 AR-1260-1

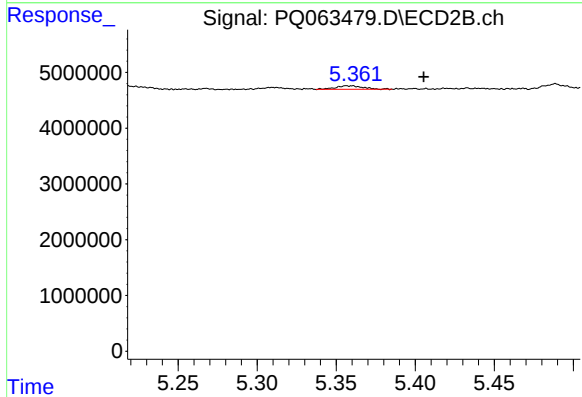
R.T.: 5.218 min
Delta R.T.: 0.003 min
Response: 1257380
Conc: 5.88 ng/ml



#32 AR-1260-2

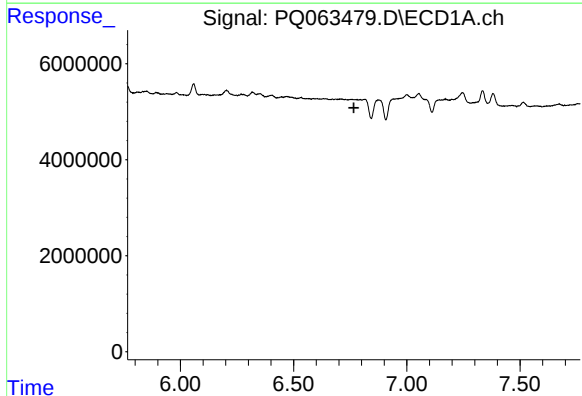
R.T.: 6.406 min
Delta R.T.: -0.005 min
Response: 897540
Conc: 3.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



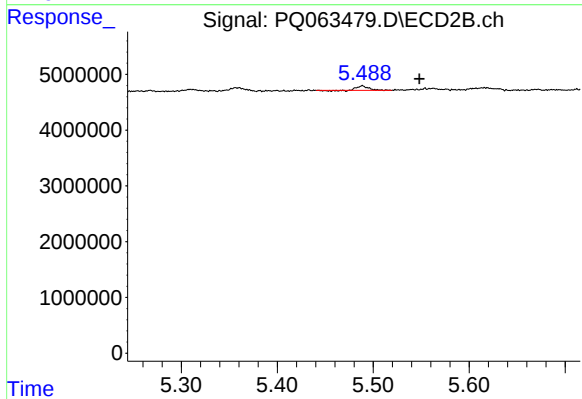
#32 AR-1260-2

R.T.: 5.357 min
Delta R.T.: -0.048 min
Response: 737790
Conc: 2.91 ng/ml



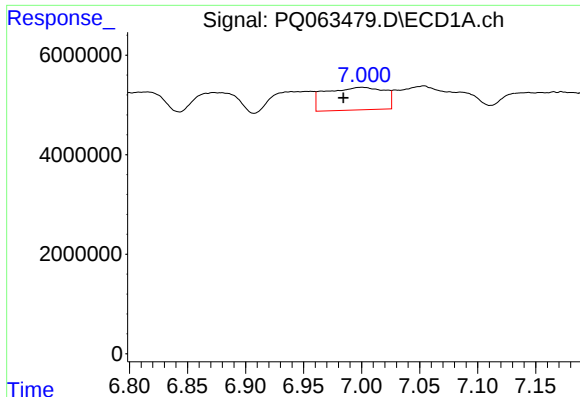
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.766 min
Response: 0
Conc: N.D.



#33 AR-1260-3

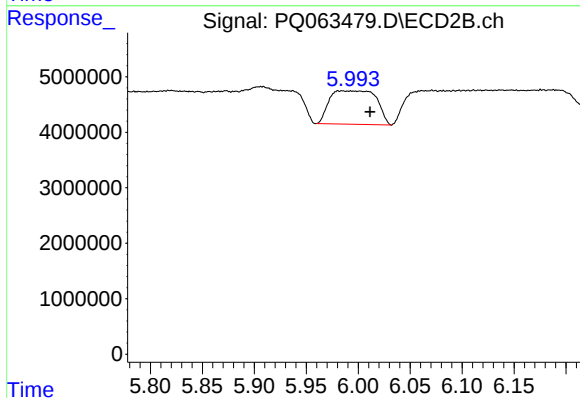
R.T.: 5.489 min
Delta R.T.: -0.059 min
Response: 623984
Conc: 2.58 ng/ml



#34 AR-1260-4

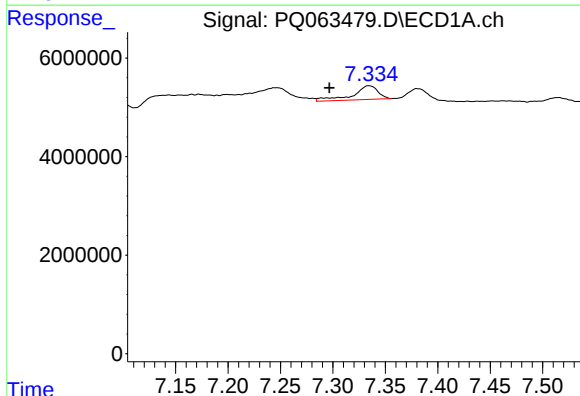
R.T.: 7.000 min
Delta R.T.: 0.016 min
Response: 16000614
Conc: 65.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



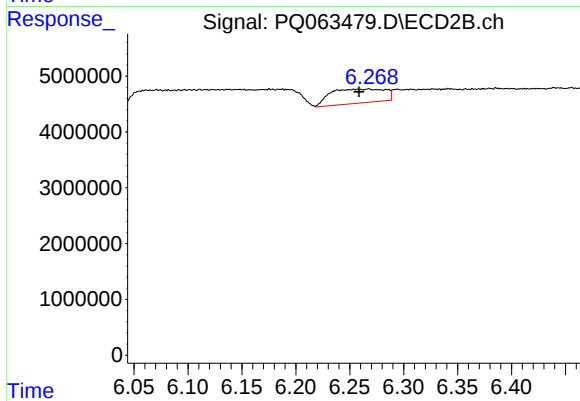
#34 AR-1260-4

R.T.: 5.985 min
Delta R.T.: -0.027 min
Response: 18816526
Conc: 92.86 ng/ml



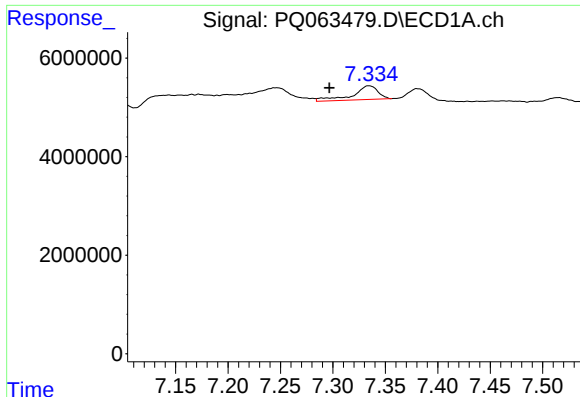
#35 AR-1260-5

R.T.: 7.334 min
Delta R.T.: 0.038 min
Response: 4707955
Conc: 9.88 ng/ml



#35 AR-1260-5

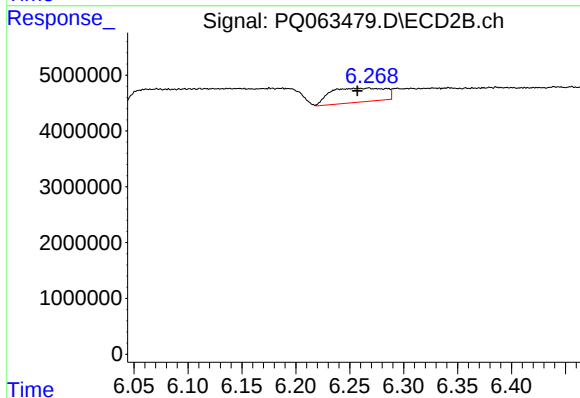
R.T.: 6.267 min
Delta R.T.: 0.009 min
Response: 8888730
Conc: 19.16 ng/ml



#37 AR-1262-2

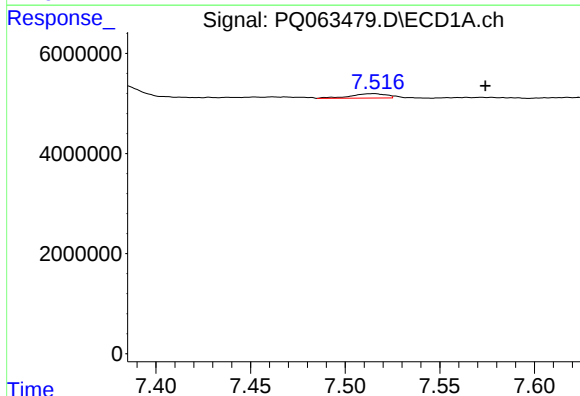
R.T.: 7.334 min
Delta R.T.: 0.037 min
Response: 4707955
Conc: 8.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



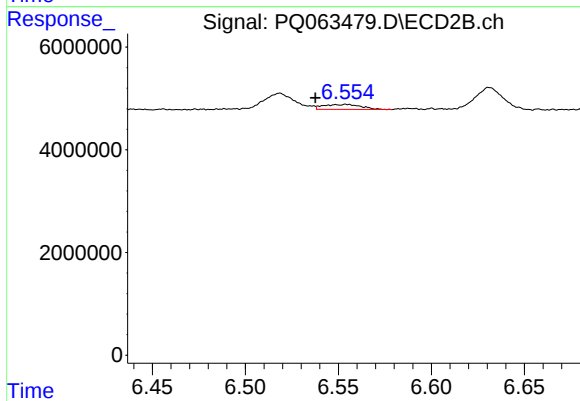
#37 AR-1262-2

R.T.: 6.267 min
Delta R.T.: 0.010 min
Response: 8888730
Conc: 17.15 ng/ml



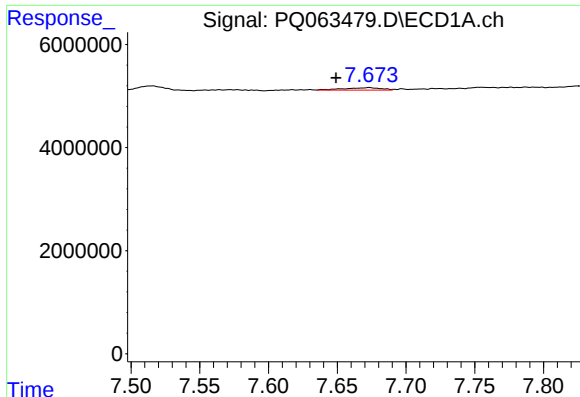
#38 AR-1262-3

R.T.: 7.515 min
Delta R.T.: -0.059 min
Response: 1122112
Conc: 3.11 ng/ml



#38 AR-1262-3

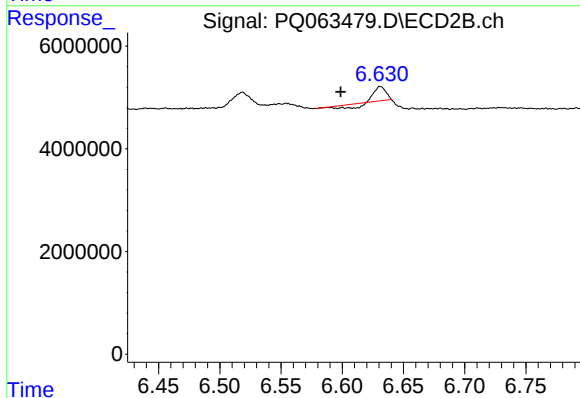
R.T.: 6.553 min
Delta R.T.: 0.016 min
Response: 1362689
Conc: 6.35 ng/ml



#39 AR-1262-4

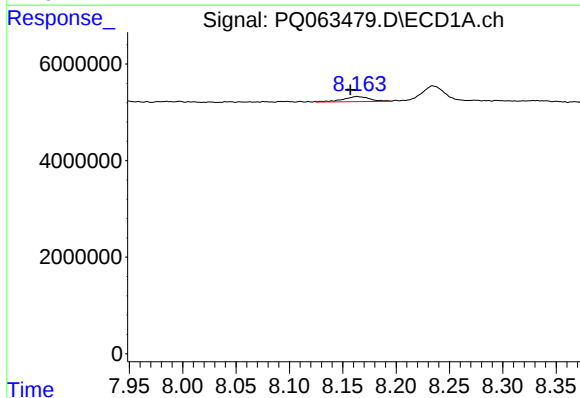
R.T.: 7.673 min
Delta R.T.: 0.024 min
Response: 852232
Conc: 3.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



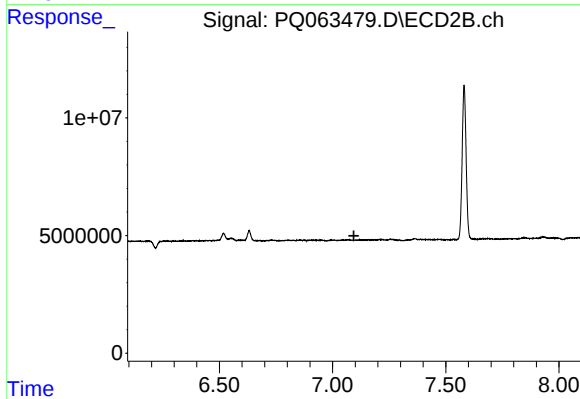
#39 AR-1262-4

R.T.: 6.631 min
Delta R.T.: 0.033 min
Response: 968305
Conc: 2.48 ng/ml



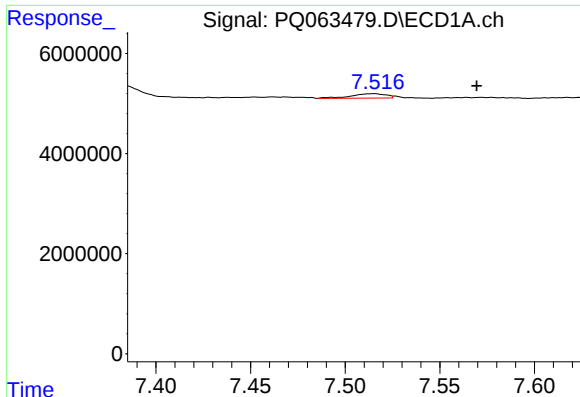
#40 AR-1262-5

R.T.: 8.163 min
Delta R.T.: 0.006 min
Response: 1862032
Conc: 10.06 ng/ml



#40 AR-1262-5

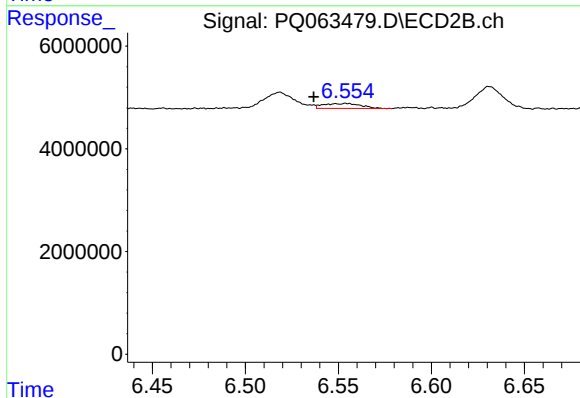
R.T.: 0.000 min
Exp R.T. : 7.094 min
Response: 0
Conc: N.D.



#41 AR-1268-1

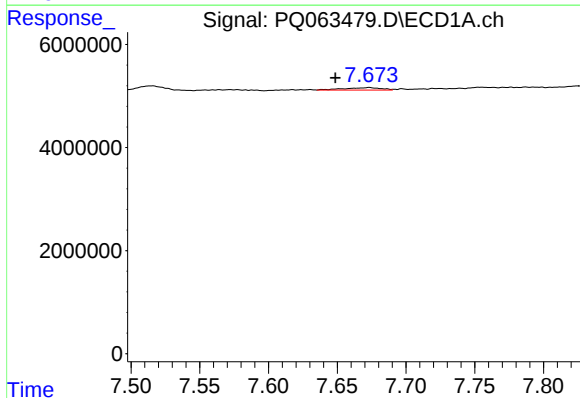
R.T.: 7.515 min
Delta R.T.: -0.055 min
Response: 1122112
Conc: 1.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



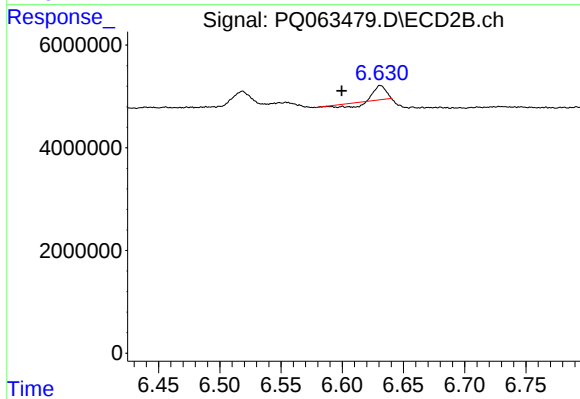
#41 AR-1268-1

R.T.: 6.553 min
Delta R.T.: 0.016 min
Response: 1362689
Conc: 2.26 ng/ml



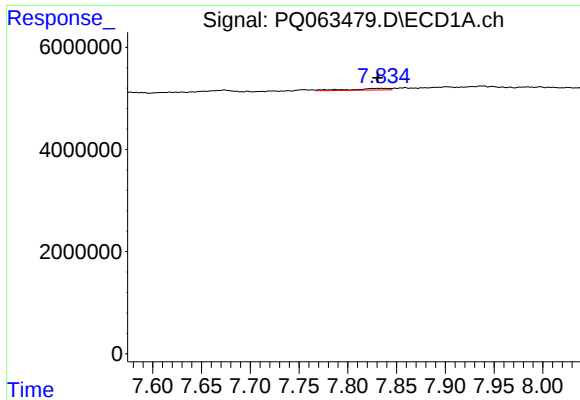
#42 AR-1268-2

R.T.: 7.673 min
Delta R.T.: 0.025 min
Response: 852232
Conc: 1.51 ng/ml



#42 AR-1268-2

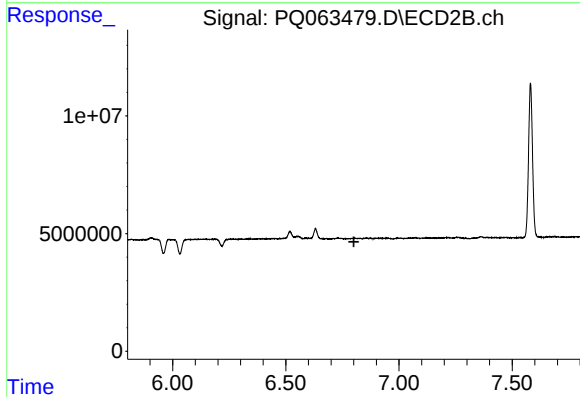
R.T.: 6.631 min
Delta R.T.: 0.032 min
Response: 968305
Conc: 1.78 ng/ml



#43 AR-1268-3

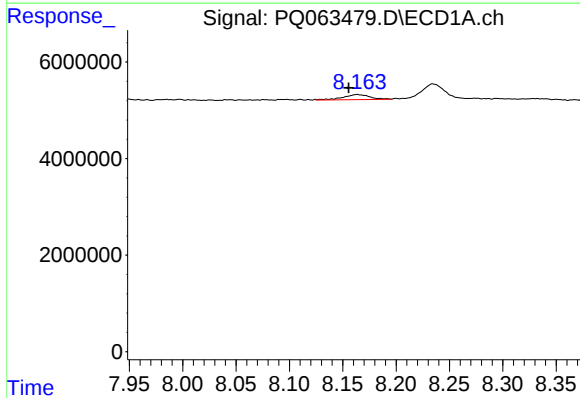
R.T.: 7.834 min
Delta R.T.: 0.004 min
Response: 886394
Conc: 1.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



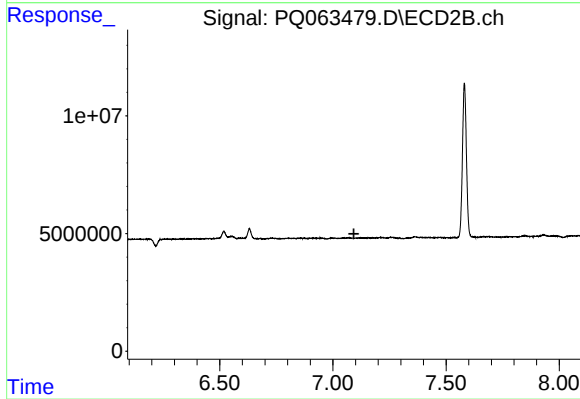
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 6.801 min
Response: 0
Conc: N.D.



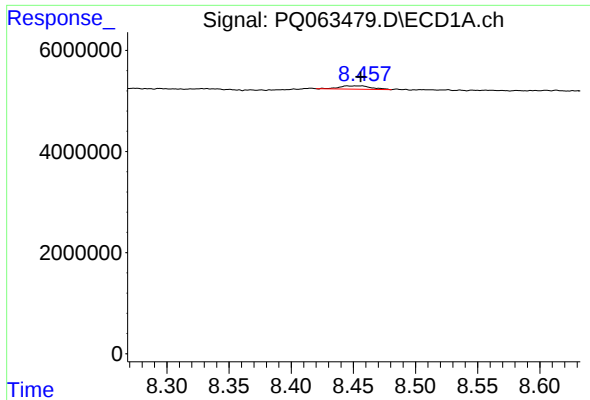
#44 AR-1268-4

R.T.: 8.163 min
Delta R.T.: 0.008 min
Response: 1862032
Conc: 9.19 ng/ml



#44 AR-1268-4

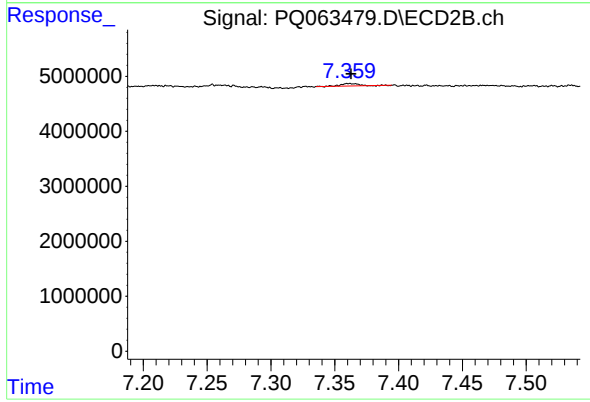
R.T.: 0.000 min
Exp R.T. : 7.093 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 1187345
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 420657
Conc: 0.29 ng/ml