

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092023\
 Data File : PR063501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 14:16
 Operator : YP\AJ
 Sample : 04450-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:29:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 13 07:34:49 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...	3.668	2.883	117.4E6	68578971	18.091	20.060
2)	SA Decachlor...	9.669	8.175	47802784	38178315	12.909	12.775
Target Compounds							
3)	L1 AR-1016-1	4.925	3.992	12959468	551631	66.335	4.900 #
4)	L1 AR-1016-2	4.936	4.048	2629919	547046	9.334	3.220 #
5)	L1 AR-1016-3	5.006	4.206	1251846	294998	7.451	3.394 #
6)	L1 AR-1016-4	0.000	4.282	0	163870	N.D.	2.423 #
8)	L2 AR-1221-1	0.000	3.134	0	123827	N.D.	3.344 #
9)	L2 AR-1221-2	3.984	3.186	1186489	897277	25.278	34.797 #
10)	L2 AR-1221-3	0.000	3.321f	0	3815072	N.D.	39.817 #
11)	L3 AR-1232-1	0.000	3.321f	0	3815072	N.D.	47.873 #
12)	L3 AR-1232-2	4.614	4.048	1316823	547046	20.794	7.311 #
13)	L3 AR-1232-3	4.936	4.206	2629919	294998	20.904	7.835 #
14)	L3 AR-1232-4	0.000	4.313	0	559027	N.D.	17.619 #
15)	L3 AR-1232-5	5.206	4.443f	412816	-137214	9.544	N.D. #
16)	L4 AR-1242-1	4.925	3.992	12959468	551631	77.735	5.778 #
17)	L4 AR-1242-2	4.936	4.048	2629919	547046	11.022	3.831 #
18)	L4 AR-1242-3	5.006	4.206	1251846	294998	8.817	4.027 #
19)	L4 AR-1242-4	0.000	4.313	0	559027	N.D.	8.173 #
20)	L4 AR-1242-5	5.900	4.842	4374025	409300	37.720	4.679 #
21)	L5 AR-1248-1	4.925	3.992	12959468	551631	100.228	7.385 #
22)	L5 AR-1248-2	5.206	4.282	412816	163870	2.434	1.535 #
23)	L5 AR-1248-3	5.361f	4.313	86476	559027	0.428	5.256 #
24)	L5 AR-1248-4	5.844	4.443f	3349221	-137214	15.372	N.D. #
25)	L5 AR-1248-5	5.900	4.897	4374025	363650	20.788	2.829 #
26)	L6 AR-1254-1	5.844	4.842	3349221	409300	15.263	2.073 #
27)	L6 AR-1254-2	6.105f	5.029	1594923	172784	4.813	1.022 #
28)	L6 AR-1254-3	6.450	5.439	1658299	690560	4.922	2.544 #
29)	L6 AR-1254-4	6.713f	5.668	76101	311798	0.328	1.859 #
30)	L6 AR-1254-5	7.235	6.129	853642	319856	3.496	1.375 #
31)	L7 AR-1260-1	6.627	5.576	1746328	597336	7.269	3.367 #
32)	L7 AR-1260-2	6.926	5.776	1020311	589545	3.720	2.770 #
33)	L7 AR-1260-3	7.332	5.959	93456	508976	0.489	2.555 #
34)	L7 AR-1260-4	7.567	6.438	841513	232632	3.849	1.421 #
35)	L7 AR-1260-5	7.906	6.723	1447791	690222	3.345	1.744 #
36)	L8 AR-1262-1	7.319	6.194	372521	232250	1.223	0.918
37)	L8 AR-1262-2	7.906	6.723	1447791	690222	2.824	1.505 #
38)	L8 AR-1262-3	0.000	7.035	0	341131	N.D.	1.917 #
39)	L8 AR-1262-4	0.000	7.093	0	639340	N.D.	1.901 #
40)	L8 AR-1262-5	8.945	7.637	769801	90589	4.312	0.600 #
41)	L9 AR-1268-1	0.000	7.035	0	341131	N.D.	0.632 #
42)	L9 AR-1268-2	0.000	7.093	0	639340	N.D.	1.303 #

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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	8.535	7.311	85748	500747	0.183	1.205 #
44) L9	AR-1268-4	8.945	7.637	769801	90589	3.847	0.535 #
45) L9	AR-1268-5	9.351	7.936	522170	129992	0.340	0.097 #

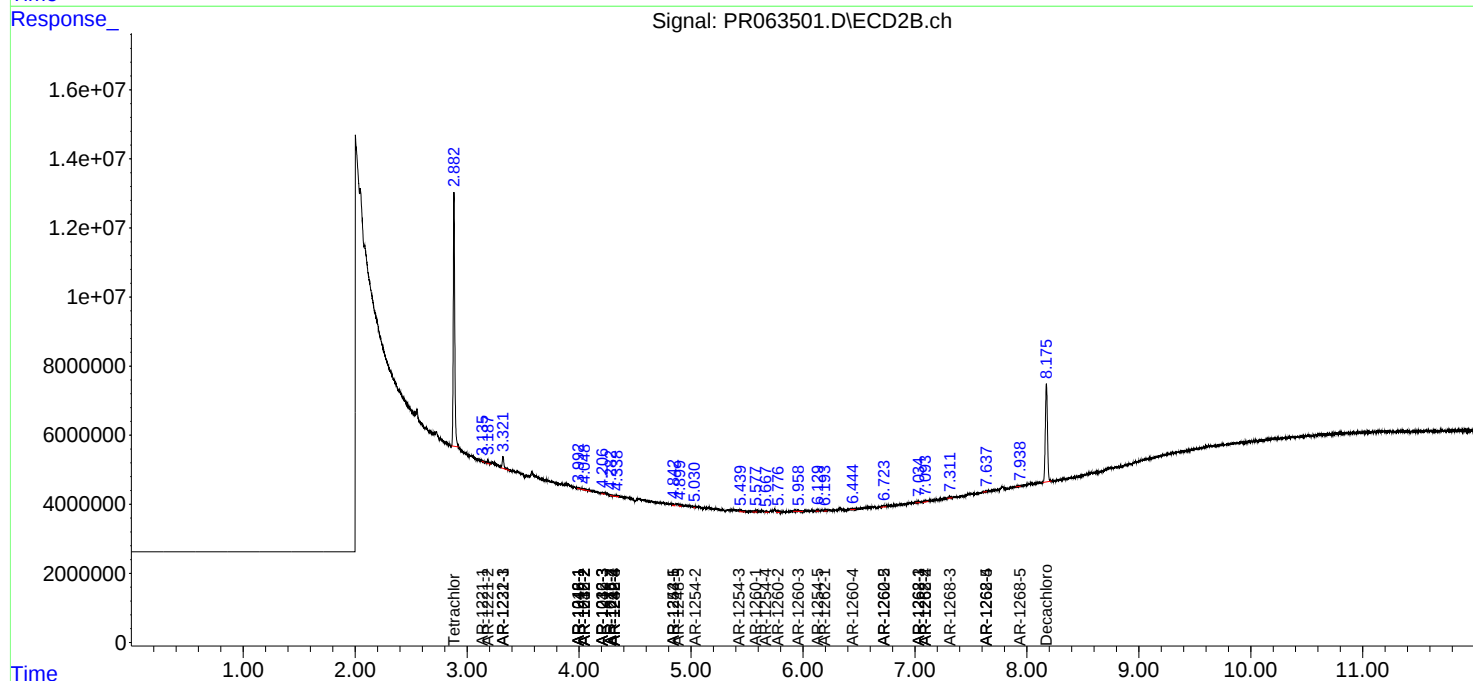
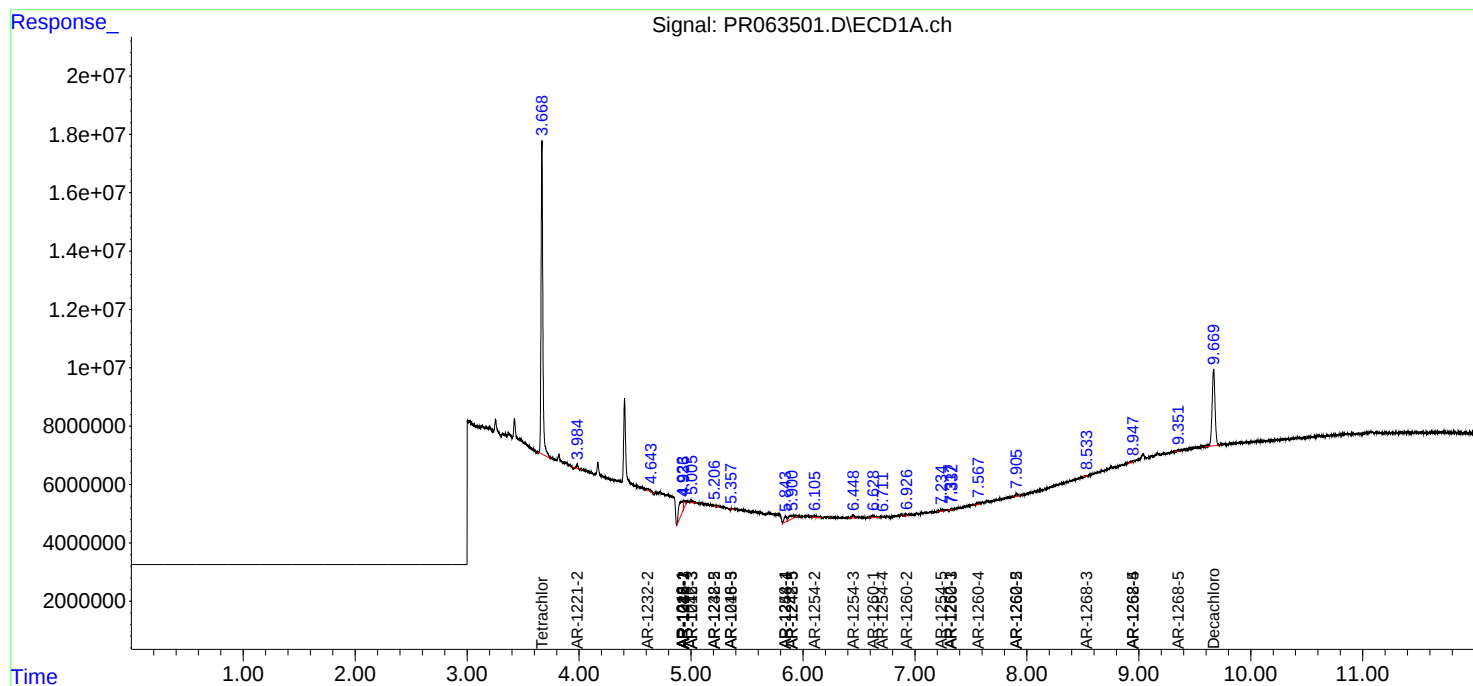
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

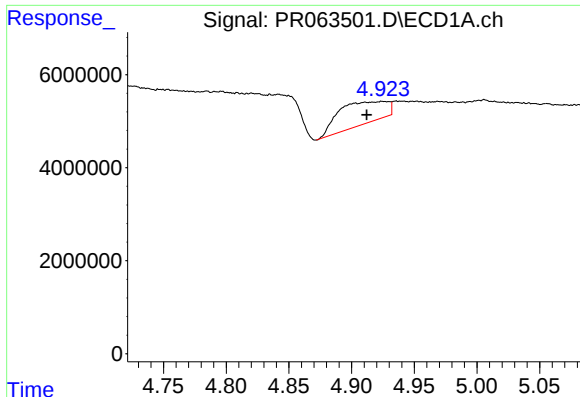
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092023\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

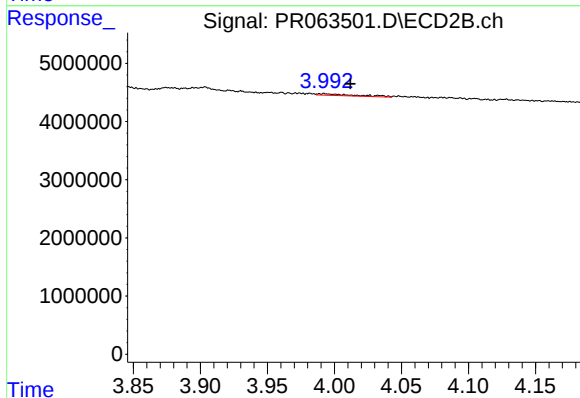




#3 AR-1016-1

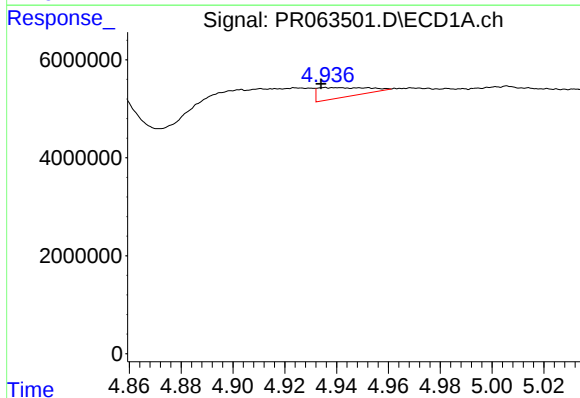
R.T.: 4.925 min
Delta R.T.: 0.013 min
Response: 12959468
Conc: 66.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



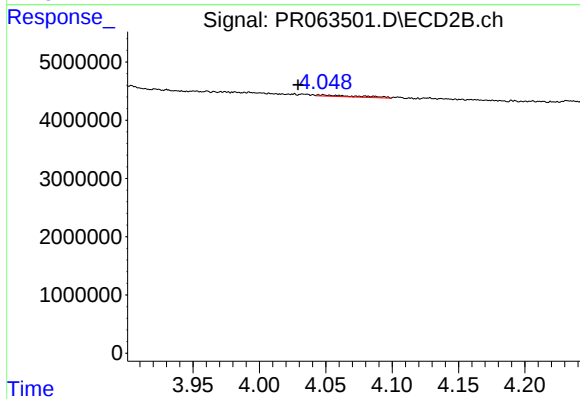
#3 AR-1016-1

R.T.: 3.992 min
Delta R.T.: -0.020 min
Response: 551631
Conc: 4.90 ng/ml



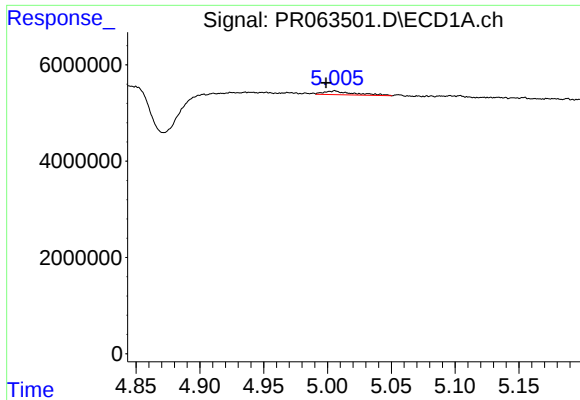
#4 AR-1016-2

R.T.: 4.936 min
Delta R.T.: 0.002 min
Response: 2629919
Conc: 9.33 ng/ml



#4 AR-1016-2

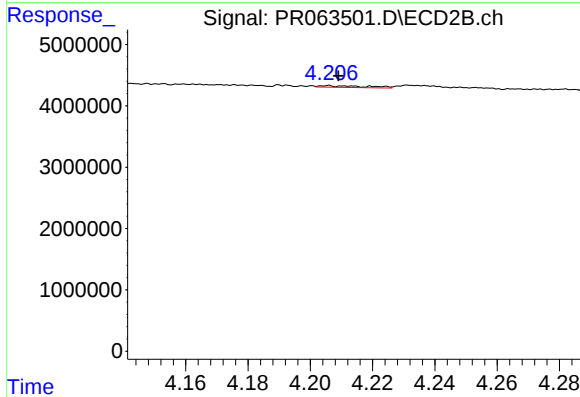
R.T.: 4.048 min
Delta R.T.: 0.019 min
Response: 547046
Conc: 3.22 ng/ml



#5 AR-1016-3

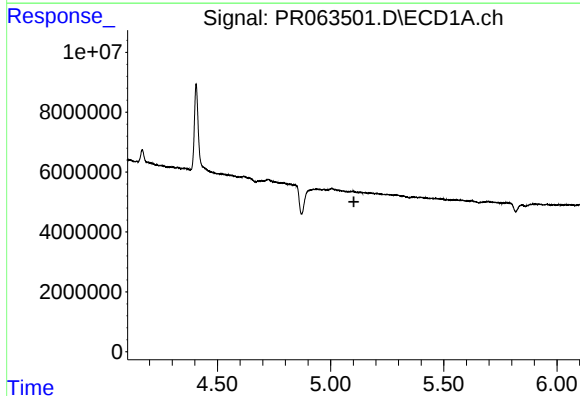
R.T.: 5.006 min
Delta R.T.: 0.007 min
Response: 1251846
Conc: 7.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



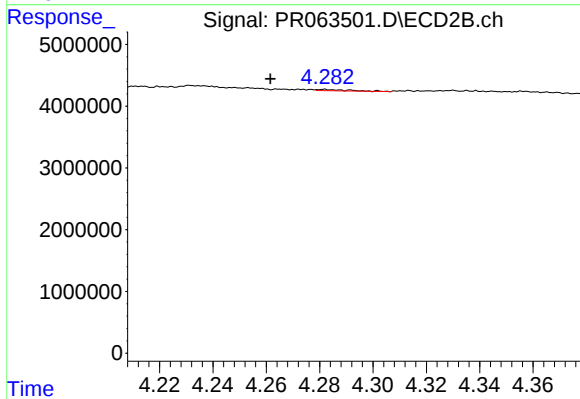
#5 AR-1016-3

R.T.: 4.206 min
Delta R.T.: -0.003 min
Response: 294998
Conc: 3.39 ng/ml



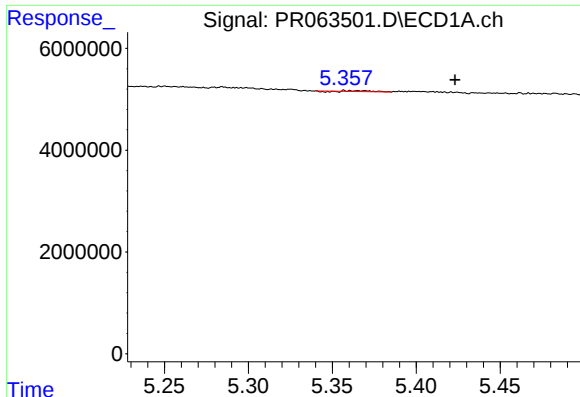
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.103 min
Response: 0
Conc: N.D.



#6 AR-1016-4

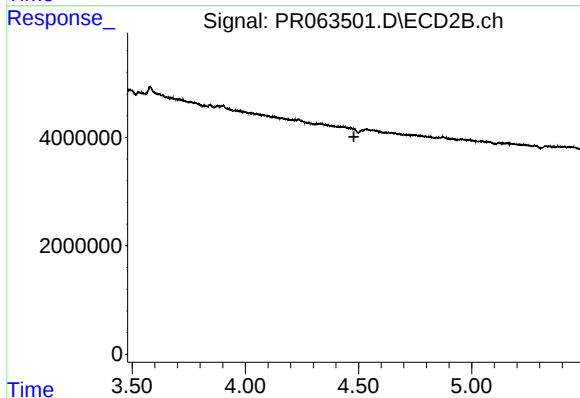
R.T.: 4.282 min
Delta R.T.: 0.020 min
Response: 163870
Conc: 2.42 ng/ml



#7 AR-1016-5

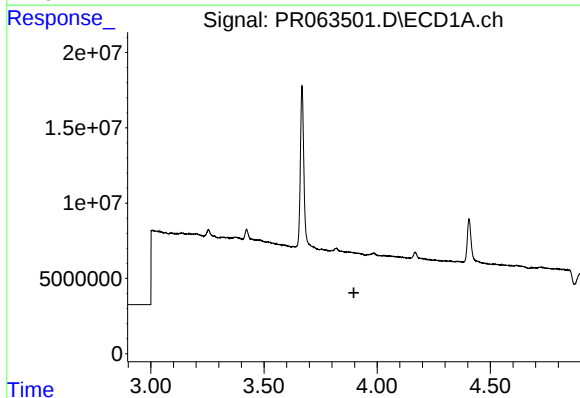
R.T.: 5.361 min
Delta R.T.: -0.062 min
Response: 86476
Conc: 0.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



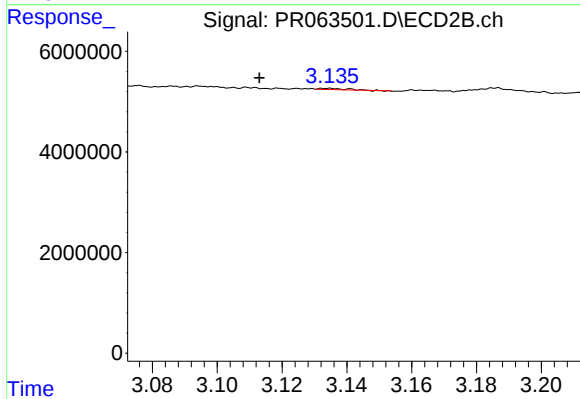
#7 AR-1016-5

R.T.: 4.443 min
Delta R.T.: -0.037 min
Response: -137214
Conc: N.D.



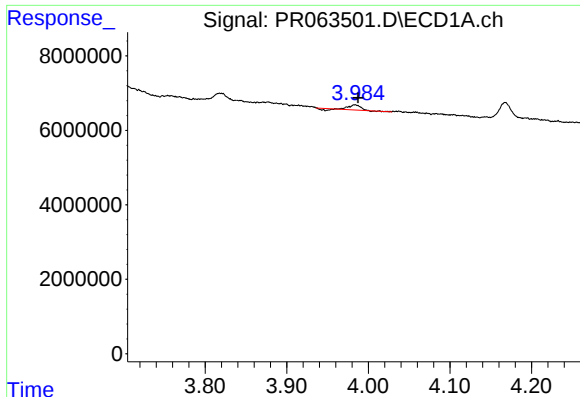
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

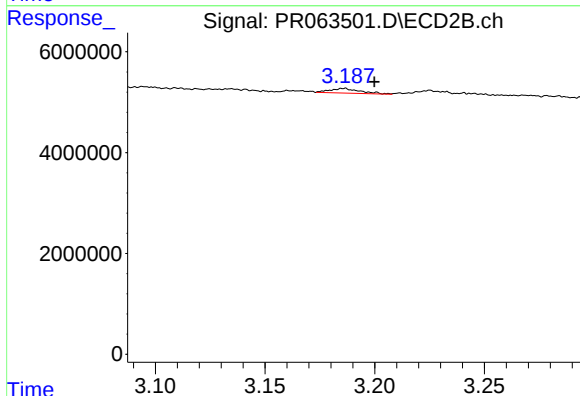
R.T.: 3.134 min
Delta R.T.: 0.021 min
Response: 123827
Conc: 3.34 ng/ml



#9 AR-1221-2

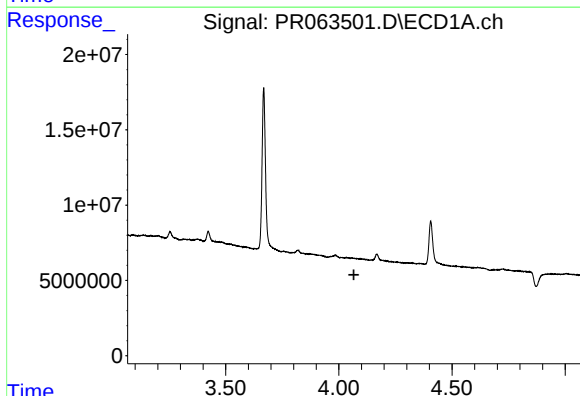
R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 1186489
Conc: 25.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



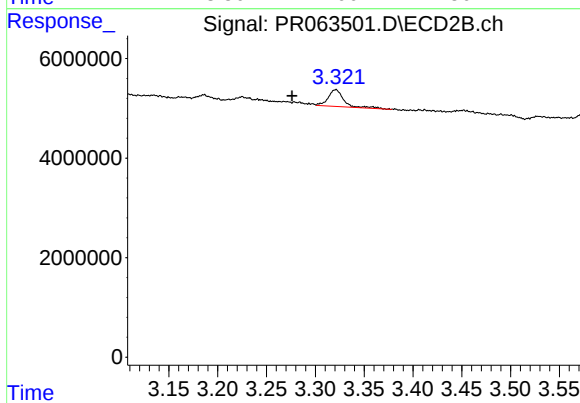
#9 AR-1221-2

R.T.: 3.186 min
Delta R.T.: -0.014 min
Response: 897277
Conc: 34.80 ng/ml



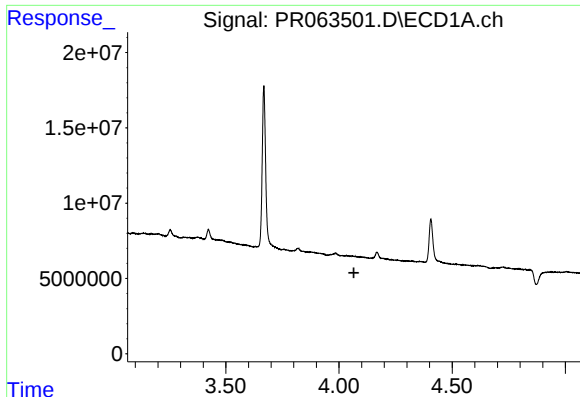
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.066 min
Response: 0
Conc: N.D.



#10 AR-1221-3

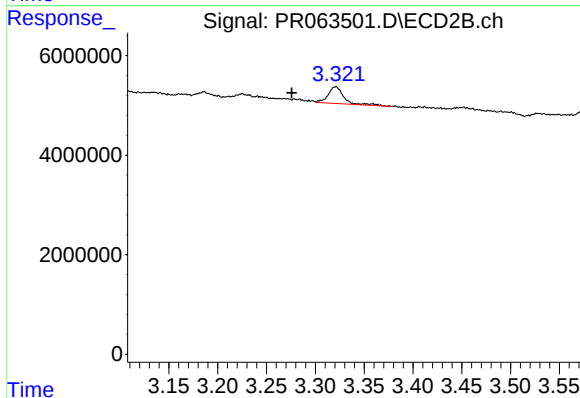
R.T.: 3.321 min
Delta R.T.: 0.045 min
Response: 3815072
Conc: 39.82 ng/ml



#11 AR-1232-1

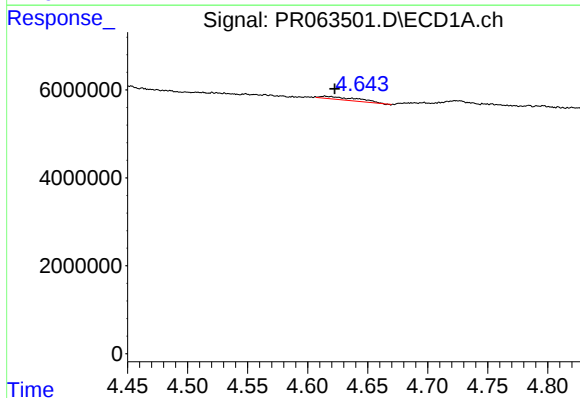
R.T.: 0.000 min
Exp R.T.: 4.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



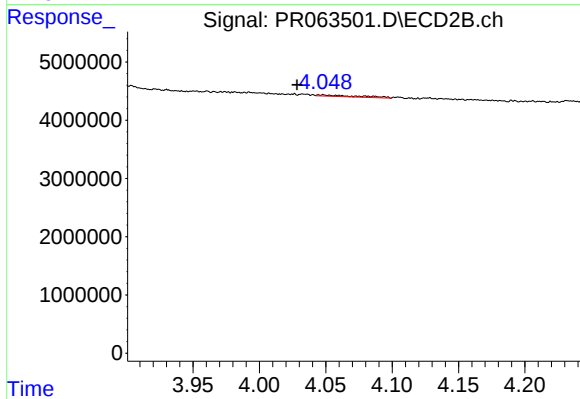
#11 AR-1232-1

R.T.: 3.321 min
Delta R.T.: 0.045 min
Response: 3815072
Conc: 47.87 ng/ml



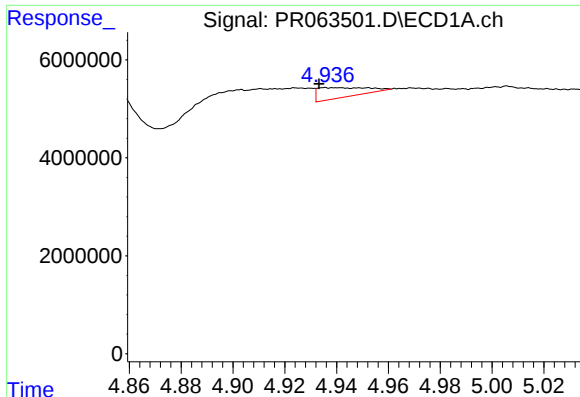
#12 AR-1232-2

R.T.: 4.614 min
Delta R.T.: -0.008 min
Response: 1316823
Conc: 20.79 ng/ml



#12 AR-1232-2

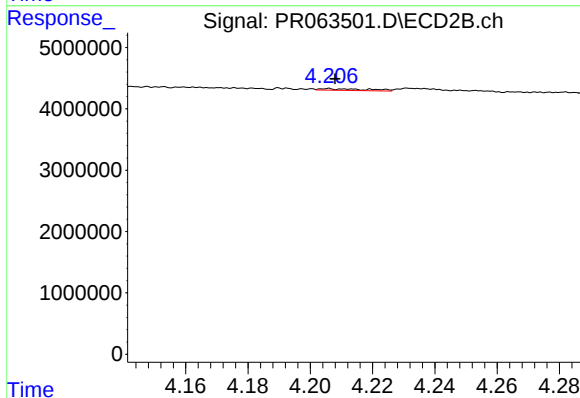
R.T.: 4.048 min
Delta R.T.: 0.019 min
Response: 547046
Conc: 7.31 ng/ml



#13 AR-1232-3

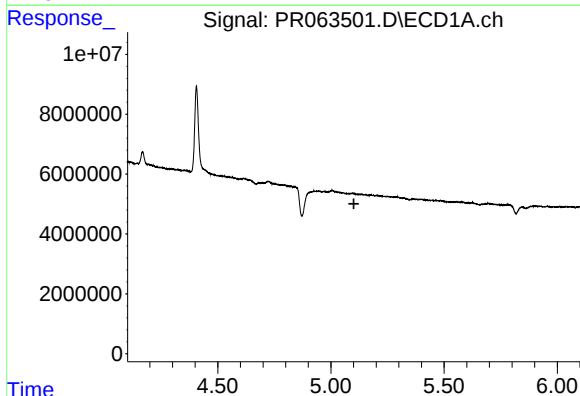
R.T.: 4.936 min
Delta R.T.: 0.003 min
Response: 2629919
Conc: 20.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



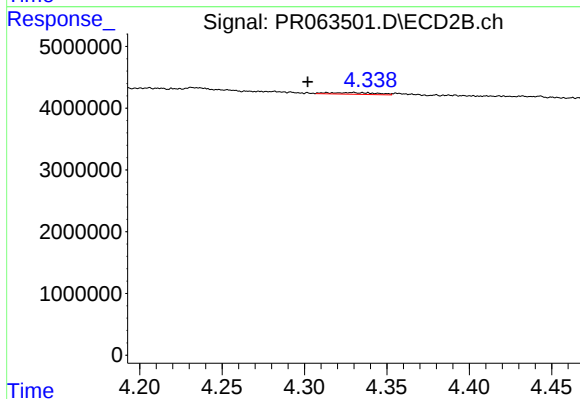
#13 AR-1232-3

R.T.: 4.206 min
Delta R.T.: -0.002 min
Response: 294998
Conc: 7.84 ng/ml



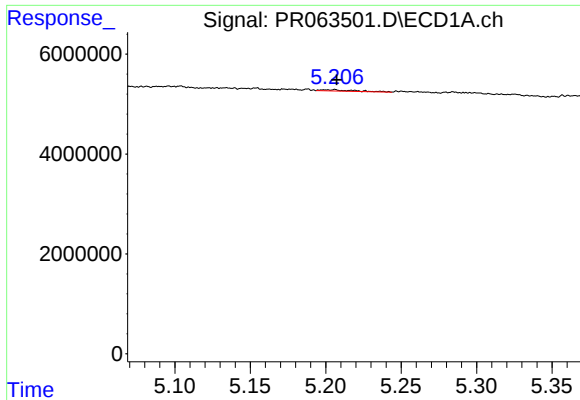
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.101 min
Response: 0
Conc: N.D.



#14 AR-1232-4

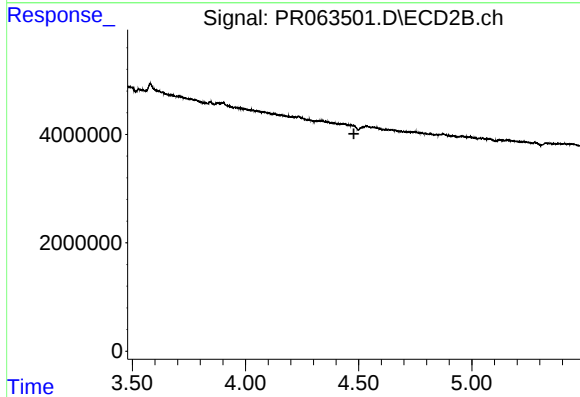
R.T.: 4.313 min
Delta R.T.: 0.011 min
Response: 559027
Conc: 17.62 ng/ml



#15 AR-1232-5

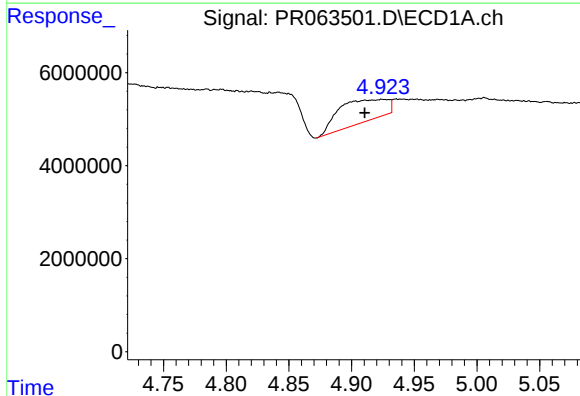
R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 412816
Conc: 9.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



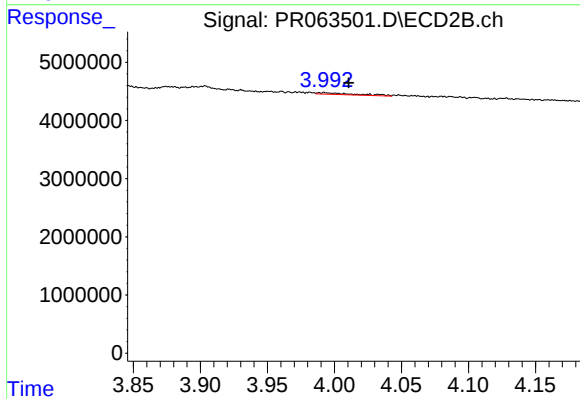
#15 AR-1232-5

R.T.: 4.443 min
Delta R.T.: -0.036 min
Response: -137214
Conc: N.D.



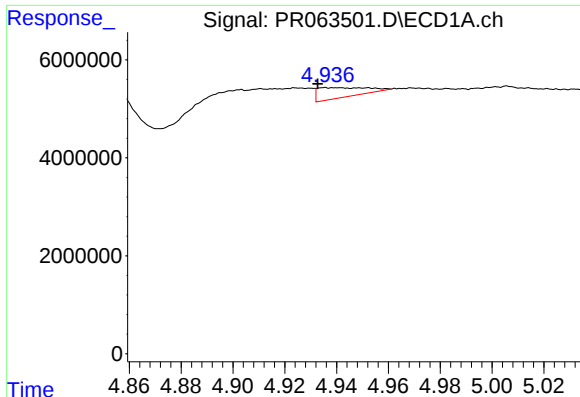
#16 AR-1242-1

R.T.: 4.925 min
Delta R.T.: 0.014 min
Response: 12959468
Conc: 77.73 ng/ml



#16 AR-1242-1

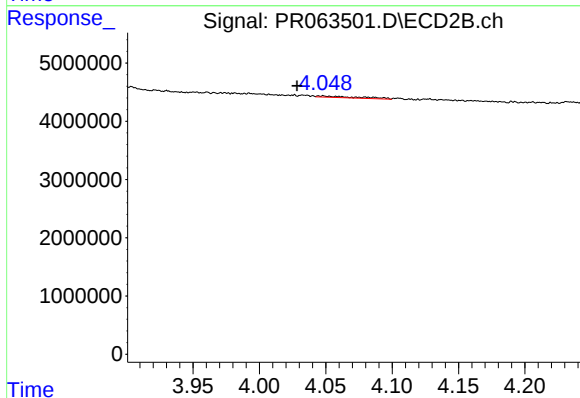
R.T.: 3.992 min
Delta R.T.: -0.018 min
Response: 551631
Conc: 5.78 ng/ml



#17 AR-1242-2

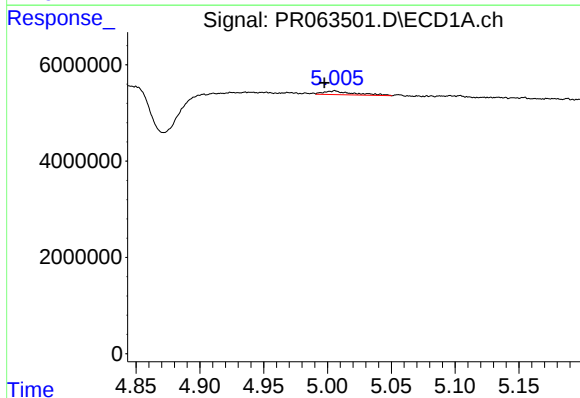
R.T.: 4.936 min
Delta R.T.: 0.003 min
Response: 2629919
Conc: 11.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



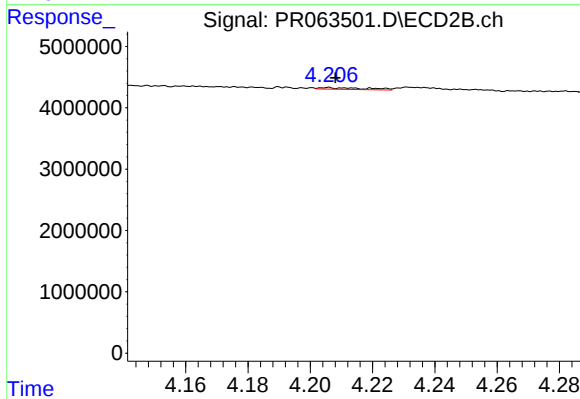
#17 AR-1242-2

R.T.: 4.048 min
Delta R.T.: 0.019 min
Response: 547046
Conc: 3.83 ng/ml



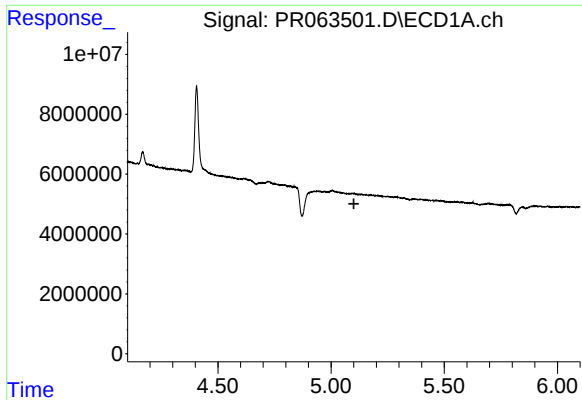
#18 AR-1242-3

R.T.: 5.006 min
Delta R.T.: 0.009 min
Response: 1251846
Conc: 8.82 ng/ml



#18 AR-1242-3

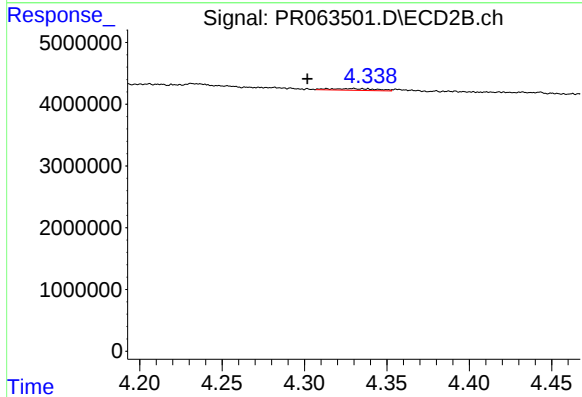
R.T.: 4.206 min
Delta R.T.: -0.002 min
Response: 294998
Conc: 4.03 ng/ml



#19 AR-1242-4

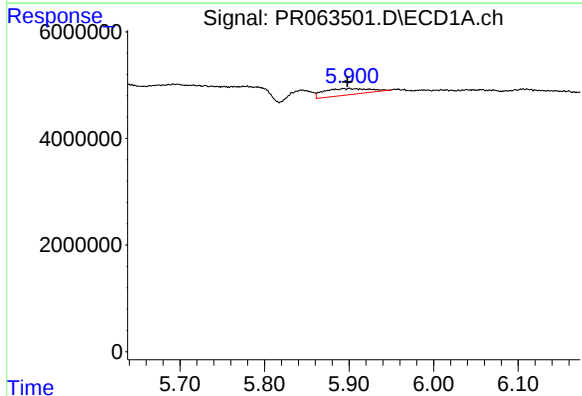
R.T.: 0.000 min
Exp R.T.: 5.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



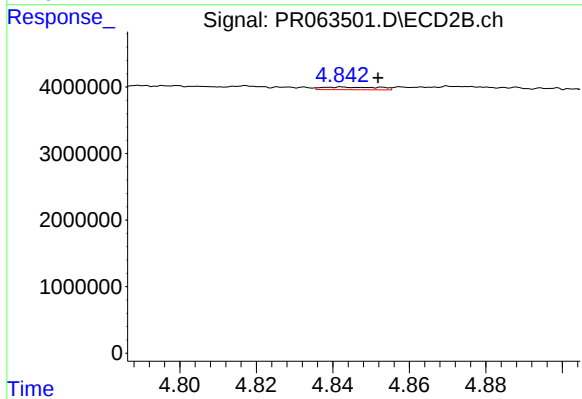
#19 AR-1242-4

R.T.: 4.313 min
Delta R.T.: 0.012 min
Response: 559027
Conc: 8.17 ng/ml



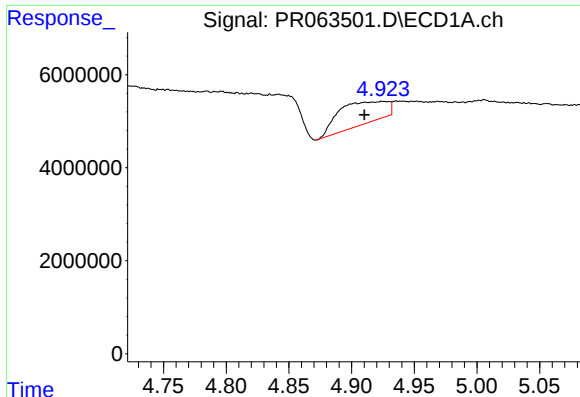
#20 AR-1242-5

R.T.: 5.900 min
Delta R.T.: 0.002 min
Response: 4374025
Conc: 37.72 ng/ml



#20 AR-1242-5

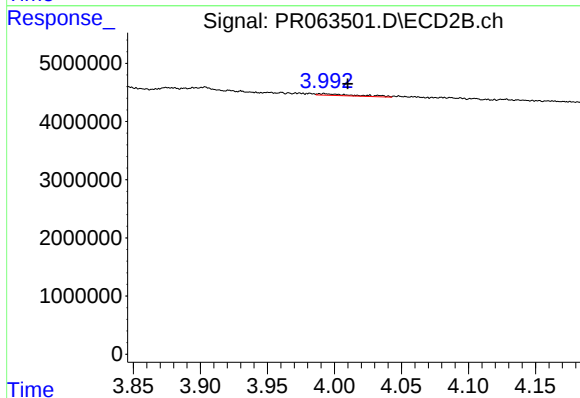
R.T.: 4.842 min
Delta R.T.: -0.010 min
Response: 409300
Conc: 4.68 ng/ml



#21 AR-1248-1

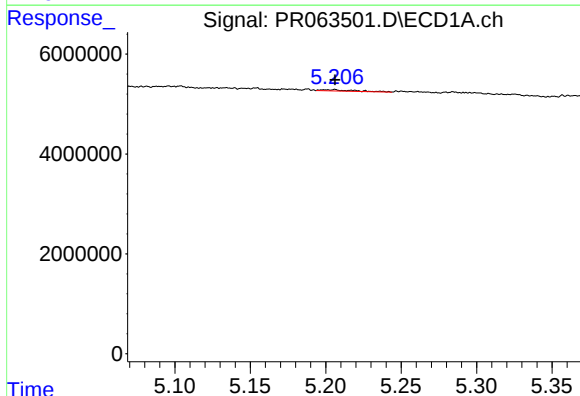
R.T.: 4.925 min
Delta R.T.: 0.015 min
Response: 12959468
Conc: 100.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



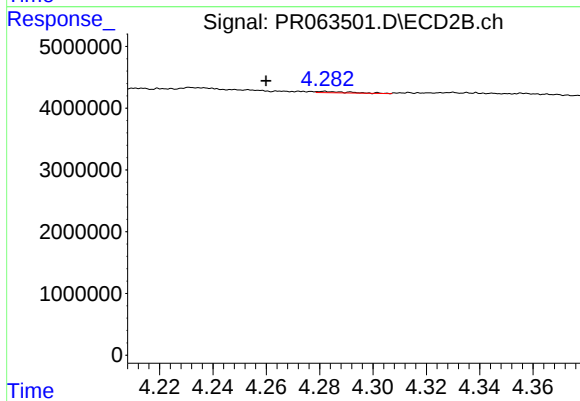
#21 AR-1248-1

R.T.: 3.992 min
Delta R.T.: -0.018 min
Response: 551631
Conc: 7.39 ng/ml



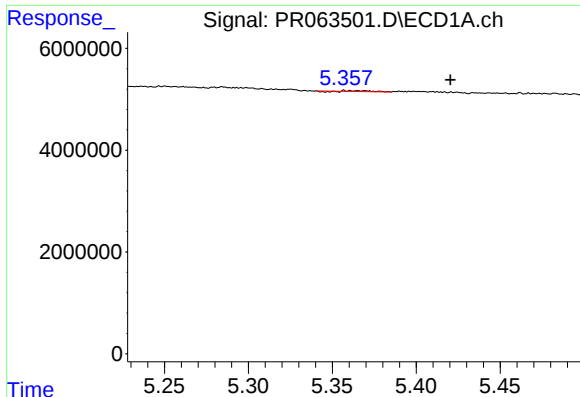
#22 AR-1248-2

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 412816
Conc: 2.43 ng/ml



#22 AR-1248-2

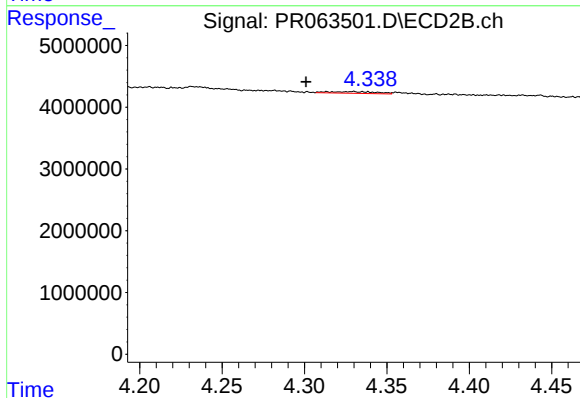
R.T.: 4.282 min
Delta R.T.: 0.022 min
Response: 163870
Conc: 1.54 ng/ml



#23 AR-1248-3

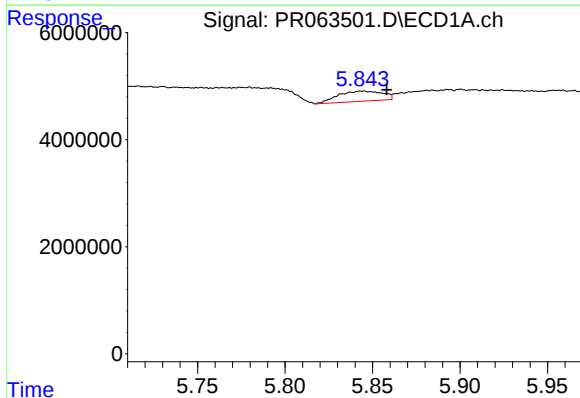
R.T.: 5.361 min
Delta R.T.: -0.060 min
Response: 86476
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



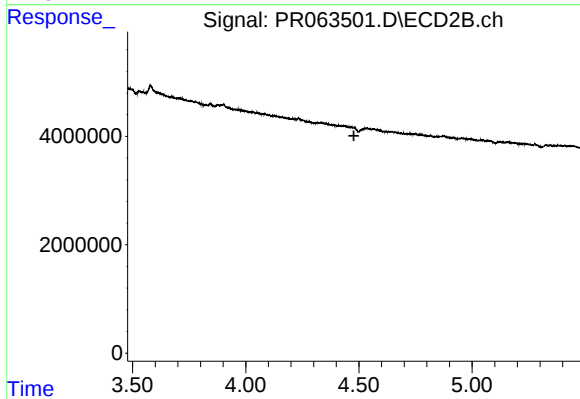
#23 AR-1248-3

R.T.: 4.313 min
Delta R.T.: 0.012 min
Response: 559027
Conc: 5.26 ng/ml



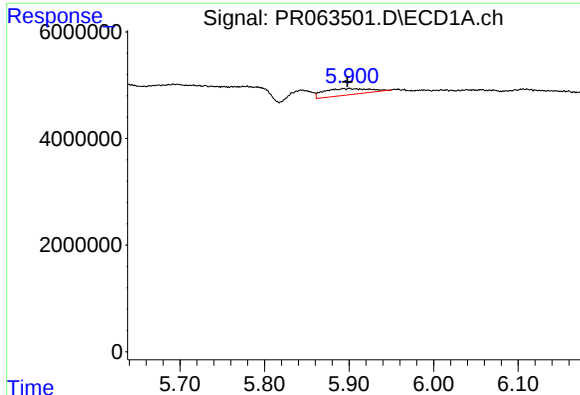
#24 AR-1248-4

R.T.: 5.844 min
Delta R.T.: -0.014 min
Response: 3349221
Conc: 15.37 ng/ml



#24 AR-1248-4

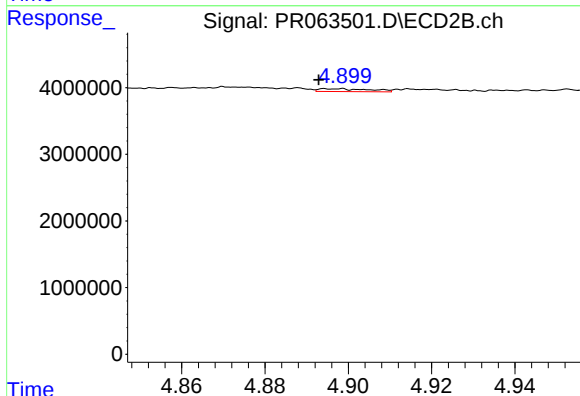
R.T.: 4.443 min
Delta R.T.: -0.035 min
Response: -137214
Conc: N.D.



#25 AR-1248-5

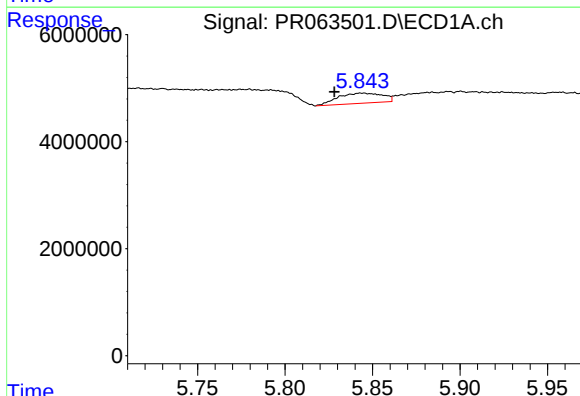
R.T.: 5.900 min
Delta R.T.: 0.002 min
Response: 4374025
Conc: 20.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



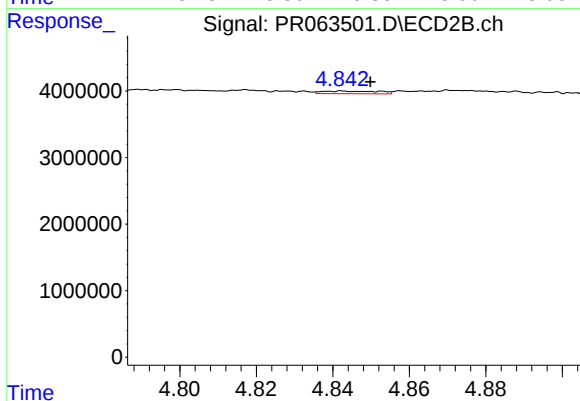
#25 AR-1248-5

R.T.: 4.897 min
Delta R.T.: 0.004 min
Response: 363650
Conc: 2.83 ng/ml



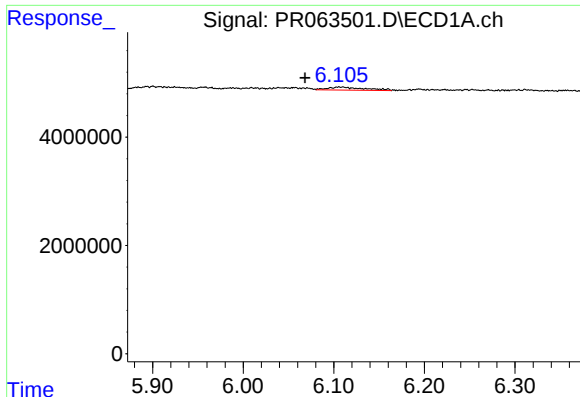
#26 AR-1254-1

R.T.: 5.844 min
Delta R.T.: 0.016 min
Response: 3349221
Conc: 15.26 ng/ml



#26 AR-1254-1

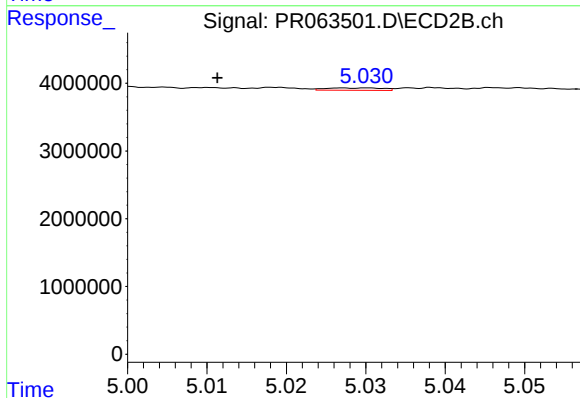
R.T.: 4.842 min
Delta R.T.: -0.008 min
Response: 409300
Conc: 2.07 ng/ml



#27 AR-1254-2

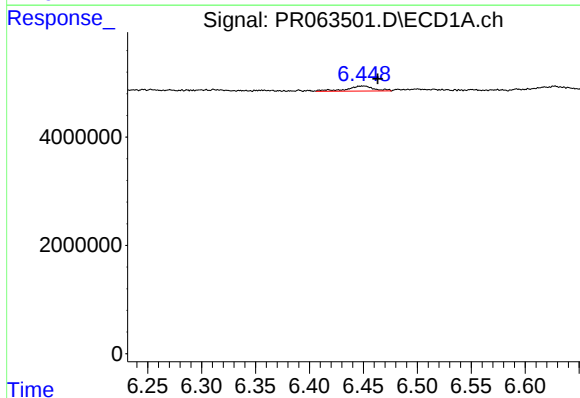
R.T.: 6.105 min
Delta R.T.: 0.037 min
Response: 1594923
Conc: 4.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



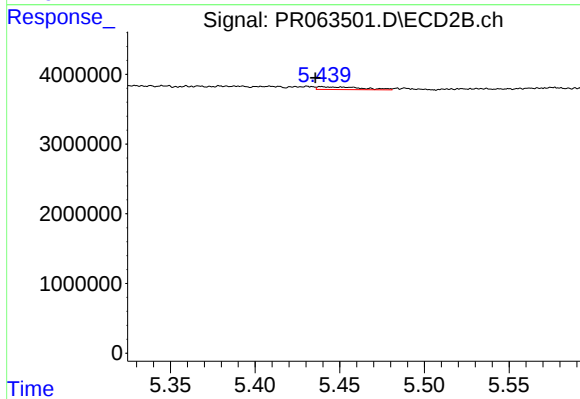
#27 AR-1254-2

R.T.: 5.029 min
Delta R.T.: 0.018 min
Response: 172784
Conc: 1.02 ng/ml



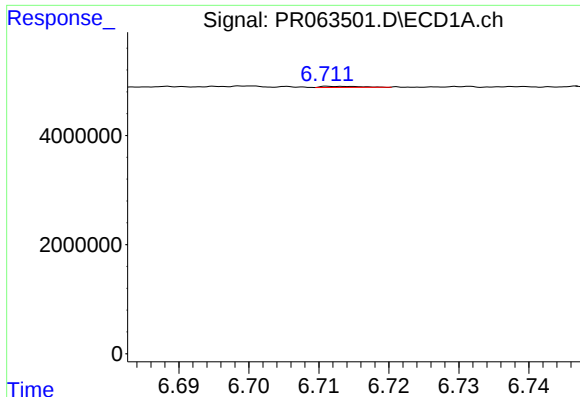
#28 AR-1254-3

R.T.: 6.450 min
Delta R.T.: -0.013 min
Response: 1658299
Conc: 4.92 ng/ml



#28 AR-1254-3

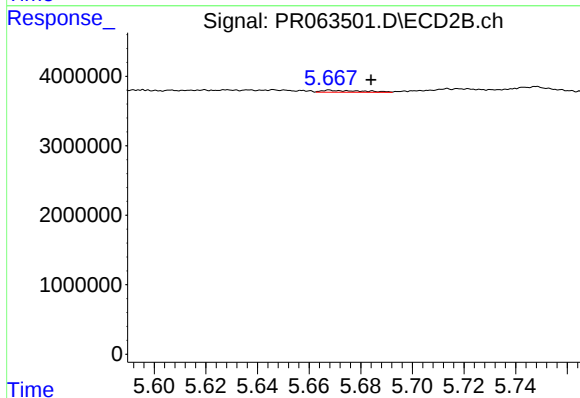
R.T.: 5.439 min
Delta R.T.: 0.004 min
Response: 690560
Conc: 2.54 ng/ml



#29 AR-1254-4

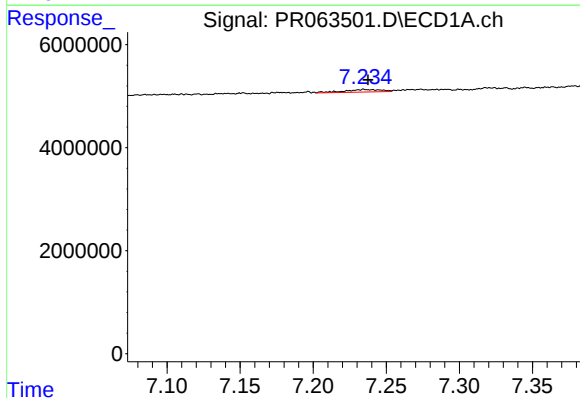
R.T.: 6.713 min
Delta R.T.: -0.065 min
Response: 76101
Conc: 0.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



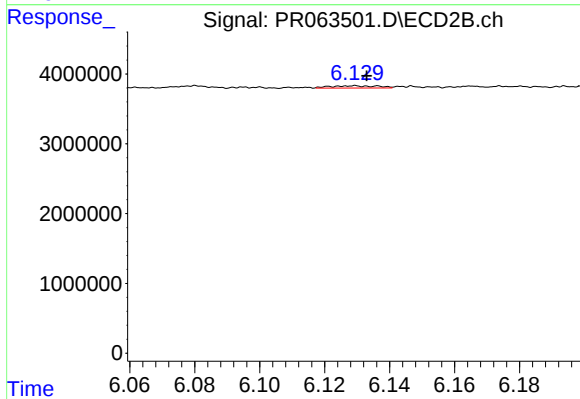
#29 AR-1254-4

R.T.: 5.668 min
Delta R.T.: -0.016 min
Response: 311798
Conc: 1.86 ng/ml



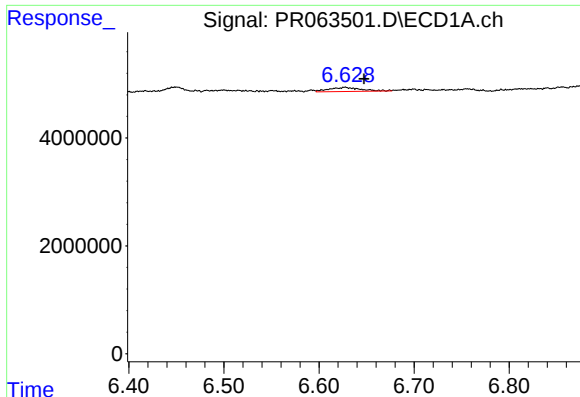
#30 AR-1254-5

R.T.: 7.235 min
Delta R.T.: -0.003 min
Response: 853642
Conc: 3.50 ng/ml



#30 AR-1254-5

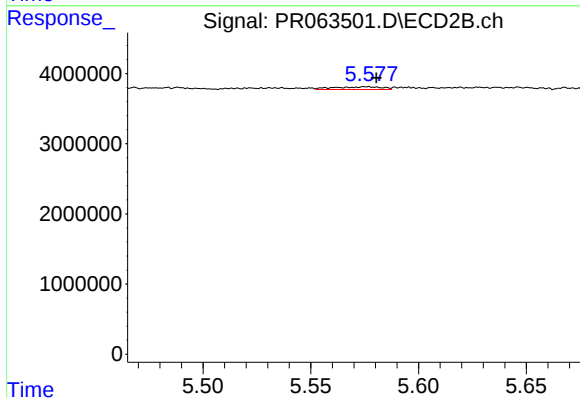
R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 319856
Conc: 1.38 ng/ml



#31 AR-1260-1

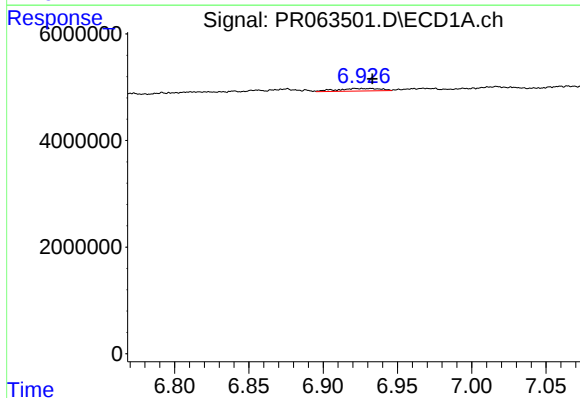
R.T.: 6.627 min
Delta R.T.: -0.020 min
Response: 1746328
Conc: 7.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



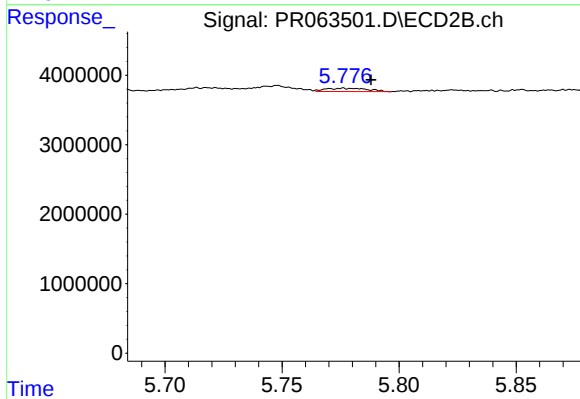
#31 AR-1260-1

R.T.: 5.576 min
Delta R.T.: -0.004 min
Response: 597336
Conc: 3.37 ng/ml



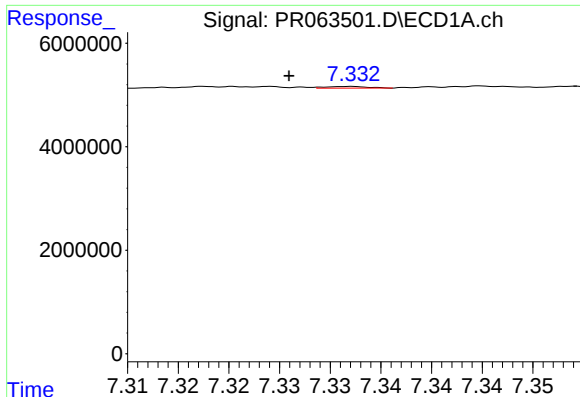
#32 AR-1260-2

R.T.: 6.926 min
Delta R.T.: -0.007 min
Response: 1020311
Conc: 3.72 ng/ml



#32 AR-1260-2

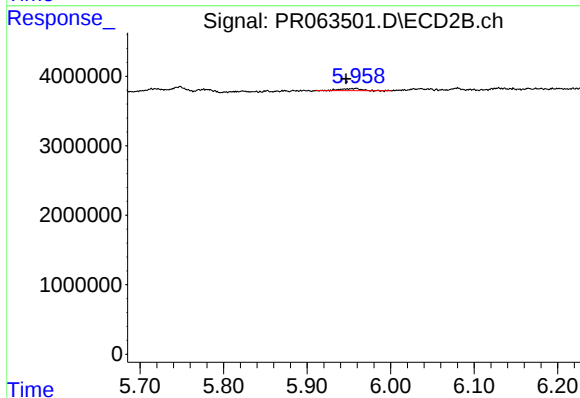
R.T.: 5.776 min
Delta R.T.: -0.012 min
Response: 589545
Conc: 2.77 ng/ml



#33 AR-1260-3

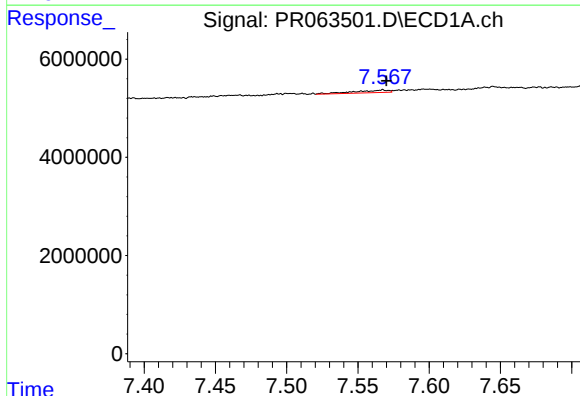
R.T.: 7.332 min
Delta R.T.: 0.006 min
Response: 93456
Conc: 0.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



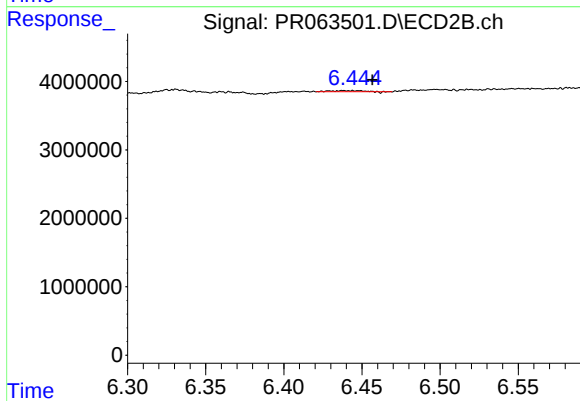
#33 AR-1260-3

R.T.: 5.959 min
Delta R.T.: 0.012 min
Response: 508976
Conc: 2.56 ng/ml



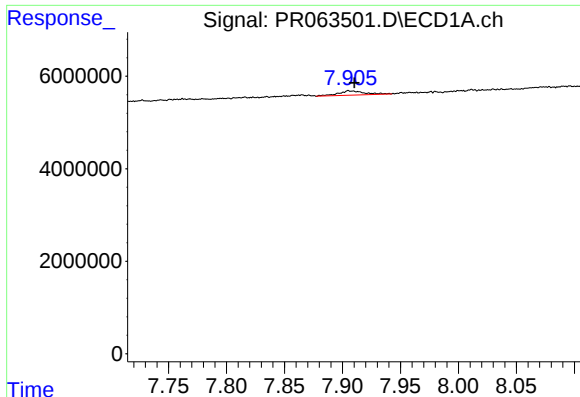
#34 AR-1260-4

R.T.: 7.567 min
Delta R.T.: -0.002 min
Response: 841513
Conc: 3.85 ng/ml



#34 AR-1260-4

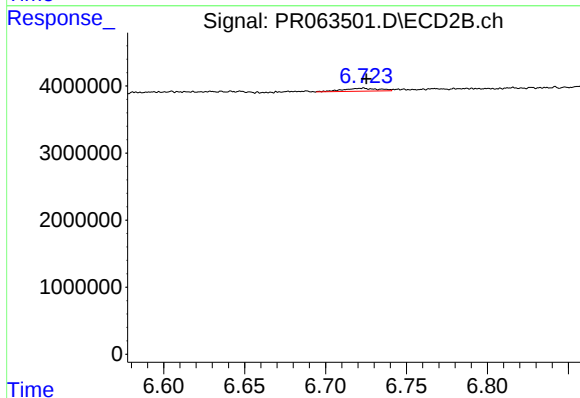
R.T.: 6.438 min
Delta R.T.: -0.018 min
Response: 232632
Conc: 1.42 ng/ml



#35 AR-1260-5

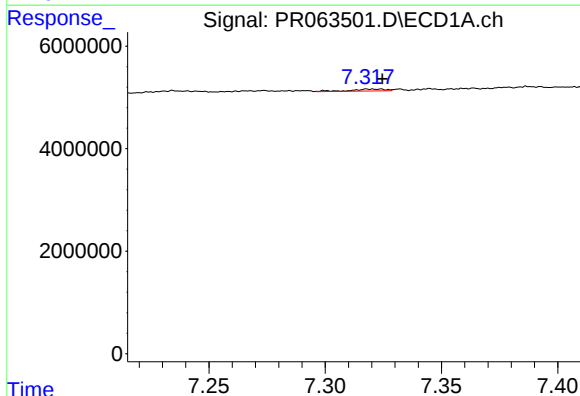
R.T.: 7.906 min
Delta R.T.: -0.005 min
Response: 1447791
Conc: 3.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



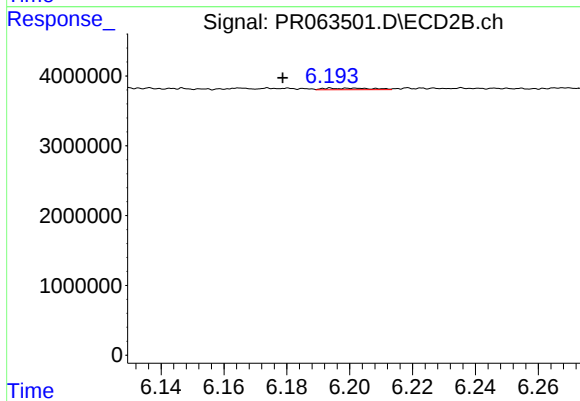
#35 AR-1260-5

R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 690222
Conc: 1.74 ng/ml



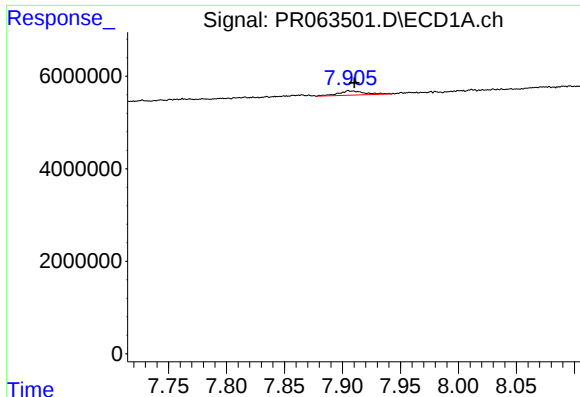
#36 AR-1262-1

R.T.: 7.319 min
Delta R.T.: -0.006 min
Response: 372521
Conc: 1.22 ng/ml



#36 AR-1262-1

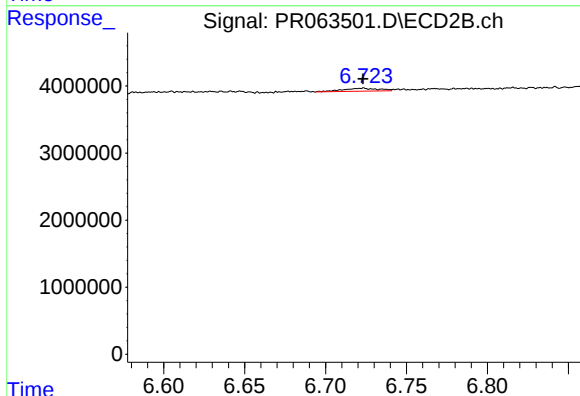
R.T.: 6.194 min
Delta R.T.: 0.015 min
Response: 232250
Conc: 0.92 ng/ml



#37 AR-1262-2

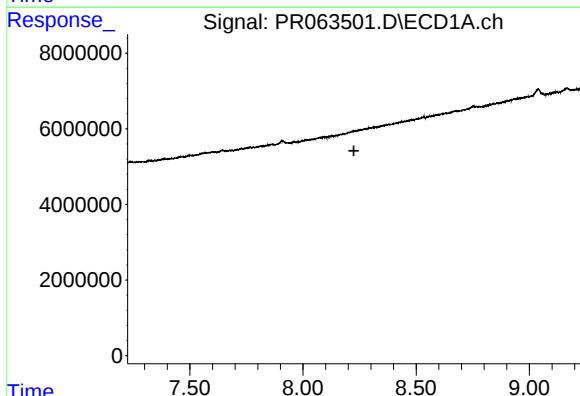
R.T.: 7.906 min
Delta R.T.: -0.004 min
Response: 1447791
Conc: 2.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



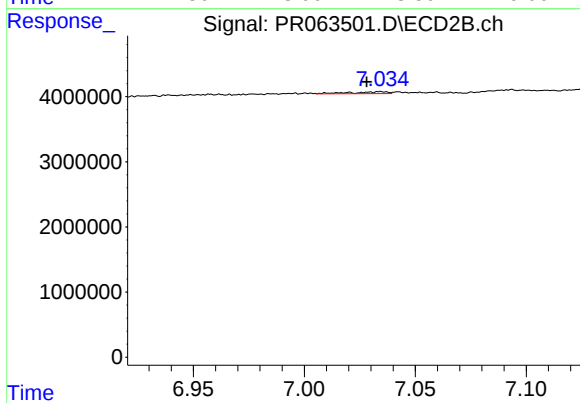
#37 AR-1262-2

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 690222
Conc: 1.50 ng/ml



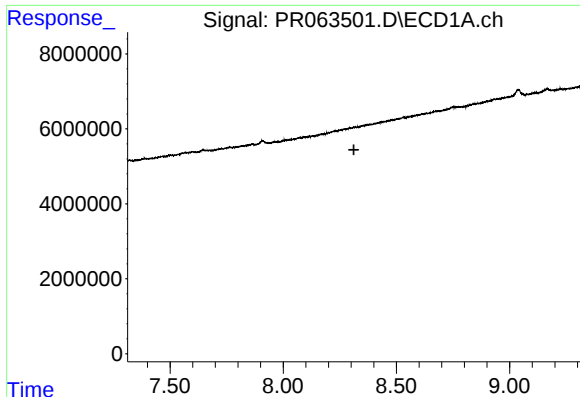
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.225 min
Response: 0
Conc: N.D.



#38 AR-1262-3

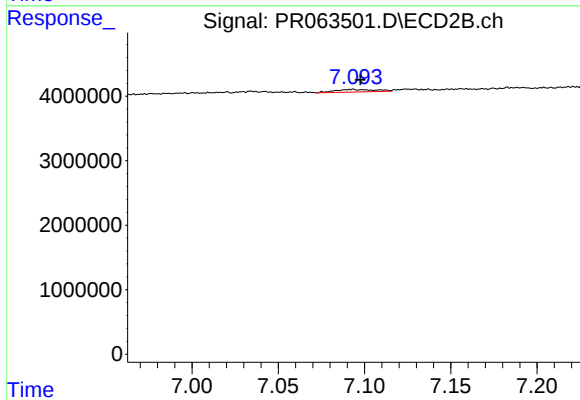
R.T.: 7.035 min
Delta R.T.: 0.007 min
Response: 341131
Conc: 1.92 ng/ml



#39 AR-1262-4

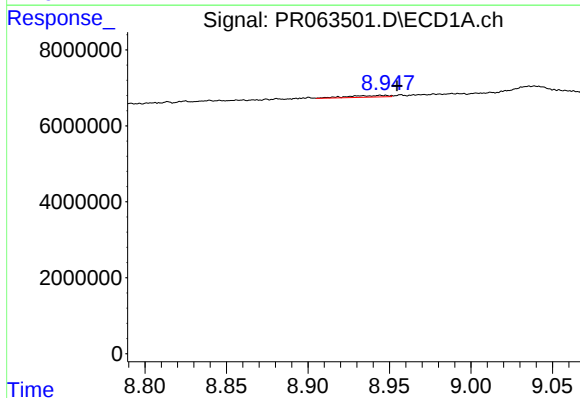
R.T.: 0.000 min
Exp R.T.: 8.312 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



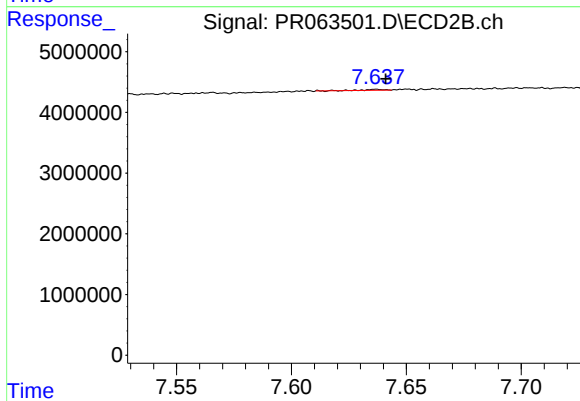
#39 AR-1262-4

R.T.: 7.093 min
Delta R.T.: -0.004 min
Response: 639340
Conc: 1.90 ng/ml



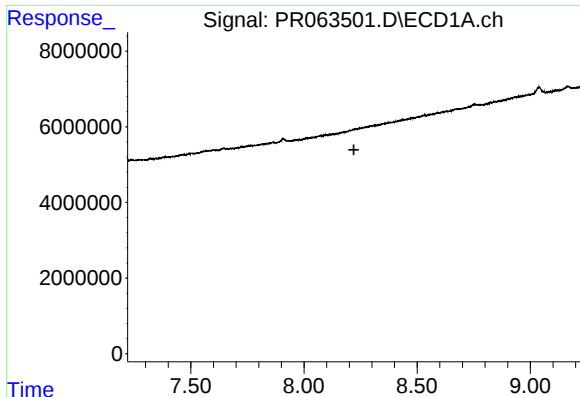
#40 AR-1262-5

R.T.: 8.945 min
Delta R.T.: -0.010 min
Response: 769801
Conc: 4.31 ng/ml



#40 AR-1262-5

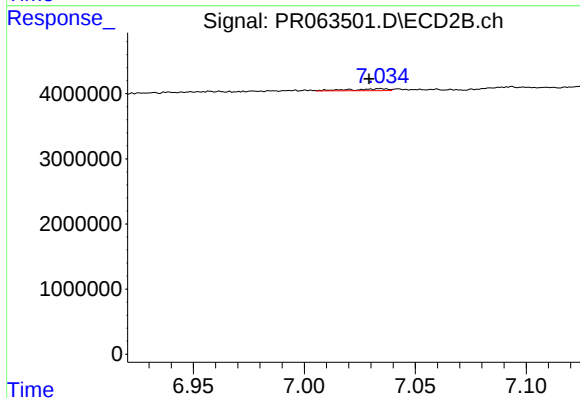
R.T.: 7.637 min
Delta R.T.: -0.004 min
Response: 90589
Conc: 0.60 ng/ml



#41 AR-1268-1

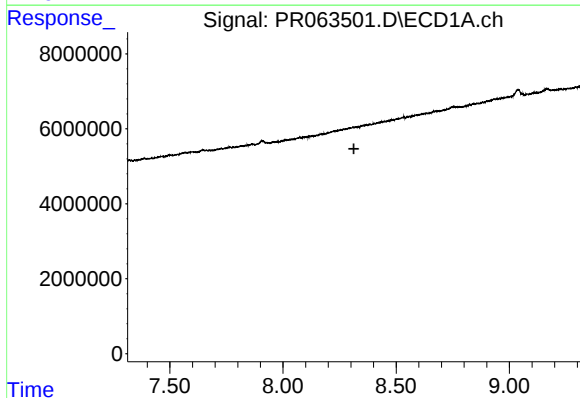
R.T.: 0.000 min
Exp R.T.: 8.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



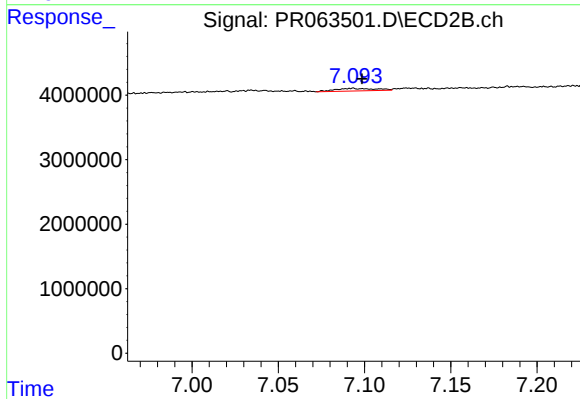
#41 AR-1268-1

R.T.: 7.035 min
Delta R.T.: 0.005 min
Response: 341131
Conc: 0.63 ng/ml



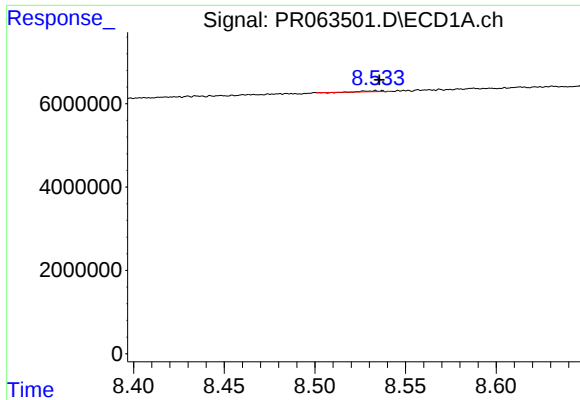
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.313 min
Response: 0
Conc: N.D.



#42 AR-1268-2

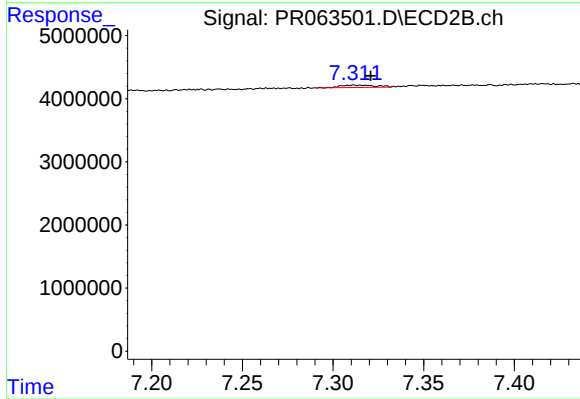
R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 639340
Conc: 1.30 ng/ml



#43 AR-1268-3

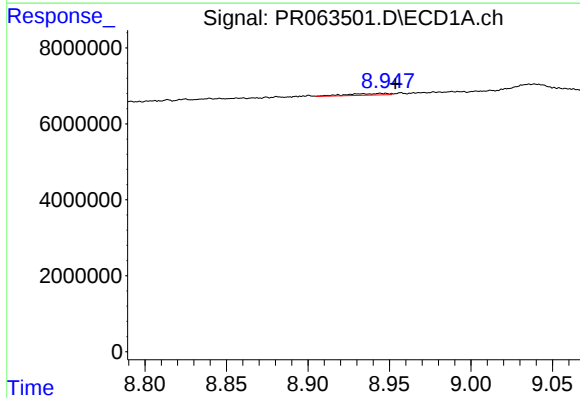
R.T.: 8.535 min
Delta R.T.: -0.001 min
Response: 85748
Conc: 0.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



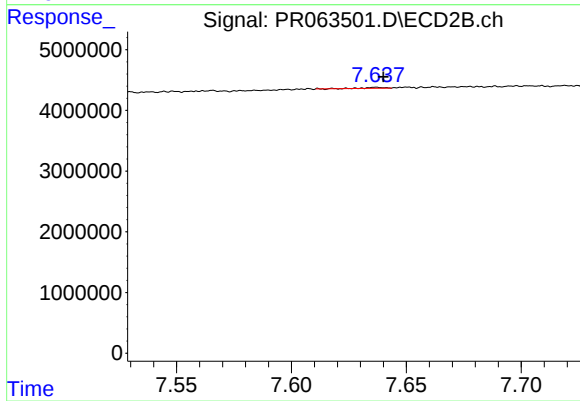
#43 AR-1268-3

R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 500747
Conc: 1.20 ng/ml



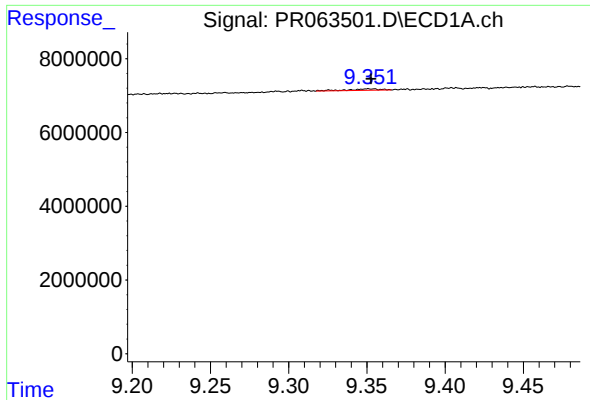
#44 AR-1268-4

R.T.: 8.945 min
Delta R.T.: -0.009 min
Response: 769801
Conc: 3.85 ng/ml



#44 AR-1268-4

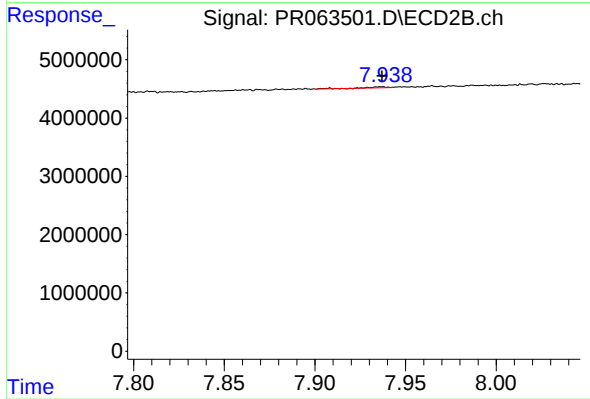
R.T.: 7.637 min
Delta R.T.: -0.003 min
Response: 90589
Conc: 0.53 ng/ml



#45 AR-1268-5

R.T.: 9.351 min
Delta R.T.: -0.002 min
Response: 522170
Conc: 0.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 129992
Conc: 0.10 ng/ml