

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092023\
 Data File : PR063503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 14:45
 Operator : YP\AJ
 Sample : 04450-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:31:22 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	124.3E6	72512821	19.157	21.211
2)	SA Decachlor...	9.667	8.174	63512508	51664409	17.151	17.287
Target Compounds							
3)	L1 AR-1016-1	4.932	3.972f	29974428	1247310	153.429	11.080 #
4)	L1 AR-1016-2	4.932	4.077f	29974428	394431	106.390	2.322 #
5)	L1 AR-1016-3	5.007	4.193	2732205	1241760	16.262	14.286
6)	L1 AR-1016-4	5.142f	4.312f	483387	50508	3.522	0.747 #
7)	L1 AR-1016-5	0.000	4.532f	0	995523	N.D.	11.496 #
8)	L2 AR-1221-1	0.000	3.128	0	193452	N.D.	5.224 #
9)	L2 AR-1221-2	3.983	3.187	4480868	2121286	95.464	82.264
10)	L2 AR-1221-3	4.065	3.315f	1491265	1141295	9.242	11.912 #
11)	L3 AR-1232-1	4.065	3.315f	1491265	1141295	10.994	14.321 #
12)	L3 AR-1232-2	4.689f	4.077f	2918725	394431	46.090	5.271 #
13)	L3 AR-1232-3	4.932	4.193	29974428	1241760	238.252	32.982 #
14)	L3 AR-1232-4	5.142f	4.312	483387	50508	7.978	1.592 #
15)	L3 AR-1232-5	5.211	4.426f	1511892	-102862	34.952	N.D. #
16)	L4 AR-1242-1	4.932	3.972f	29974428	1247310	179.796	13.065 #
17)	L4 AR-1242-2	4.932	4.077f	29974428	394431	125.619	2.762 #
18)	L4 AR-1242-3	5.007	4.193	2732205	1241760	19.243	16.952
19)	L4 AR-1242-4	5.142f	4.312	483387	50508	4.124	0.738 #
20)	L4 AR-1242-5	5.892	4.847	969974	716097	8.365	8.186
21)	L5 AR-1248-1	4.932	3.972f	29974428	1247310	231.820	16.699 #
22)	L5 AR-1248-2	5.211	4.312f	1511892	50508	8.916	0.473 #
23)	L5 AR-1248-3	0.000	4.312	0	50508	N.D.	0.475 #
25)	L5 AR-1248-5	5.892	4.883	969974	439150	4.610	3.416 #
27)	L6 AR-1254-2	6.063	5.007	1353491	771607	4.084	4.565
28)	L6 AR-1254-3	6.447	5.432	1552273	965171	4.608	3.555
29)	L6 AR-1254-4	0.000	5.685	0	163628	N.D.	0.975 #
30)	L6 AR-1254-5	7.232	6.130	1890609	1877641	7.742	8.074
31)	L7 AR-1260-1	6.644	5.571	874902	1096710	3.642	6.182 #
32)	L7 AR-1260-2	6.928	5.781	1472099	1174559	5.367	5.518
33)	L7 AR-1260-3	7.319	5.941	1731235	1526353	9.054	7.663
34)	L7 AR-1260-4	7.565	6.445	2933533	825916	13.416	5.044 #
35)	L7 AR-1260-5	7.905	6.722	2524109	2824963	5.832	7.136
36)	L8 AR-1262-1	7.319	6.176	1731235	902057	5.683	3.567 #
37)	L8 AR-1262-2	7.905	6.722	2524109	2824963	4.924	6.159 #
38)	L8 AR-1262-3	8.237	7.019	1045988	715485	3.132	4.021 #
39)	L8 AR-1262-4	8.308	7.094	1245712	1804616	5.005	5.365
40)	L8 AR-1262-5	8.952	7.638	507889	409559	2.845	2.714
41)	L9 AR-1268-1	8.237	7.019	1045988	715485	1.742	1.326
42)	L9 AR-1268-2	8.308	7.094	1245712	1804616	2.292	3.677 #
43)	L9 AR-1268-3	0.000	7.307	0	368575	N.D.	0.887 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:31:22 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
44) L9	AR-1268-4	8.952	7.638	507889	409559	2.538	2.417
45) L9	AR-1268-5	9.349	7.936	418008	215363	0.272	0.160 #

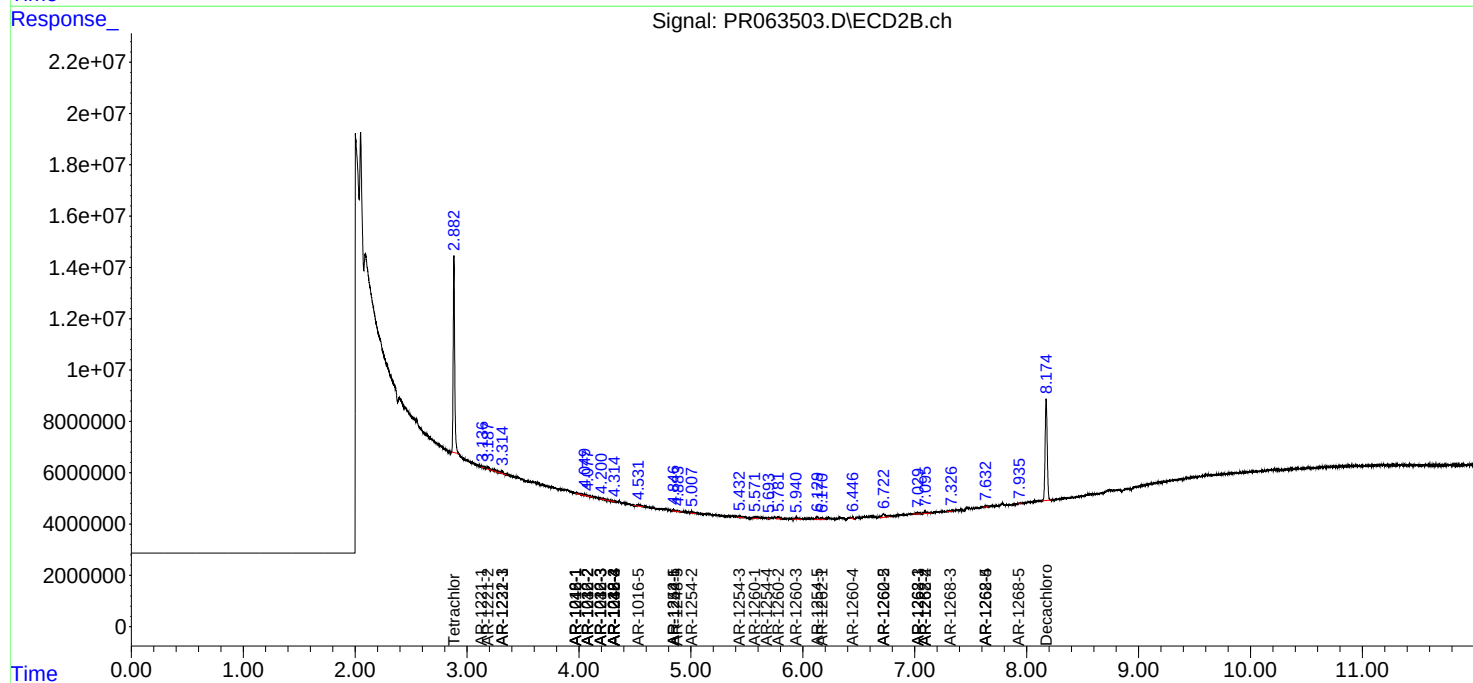
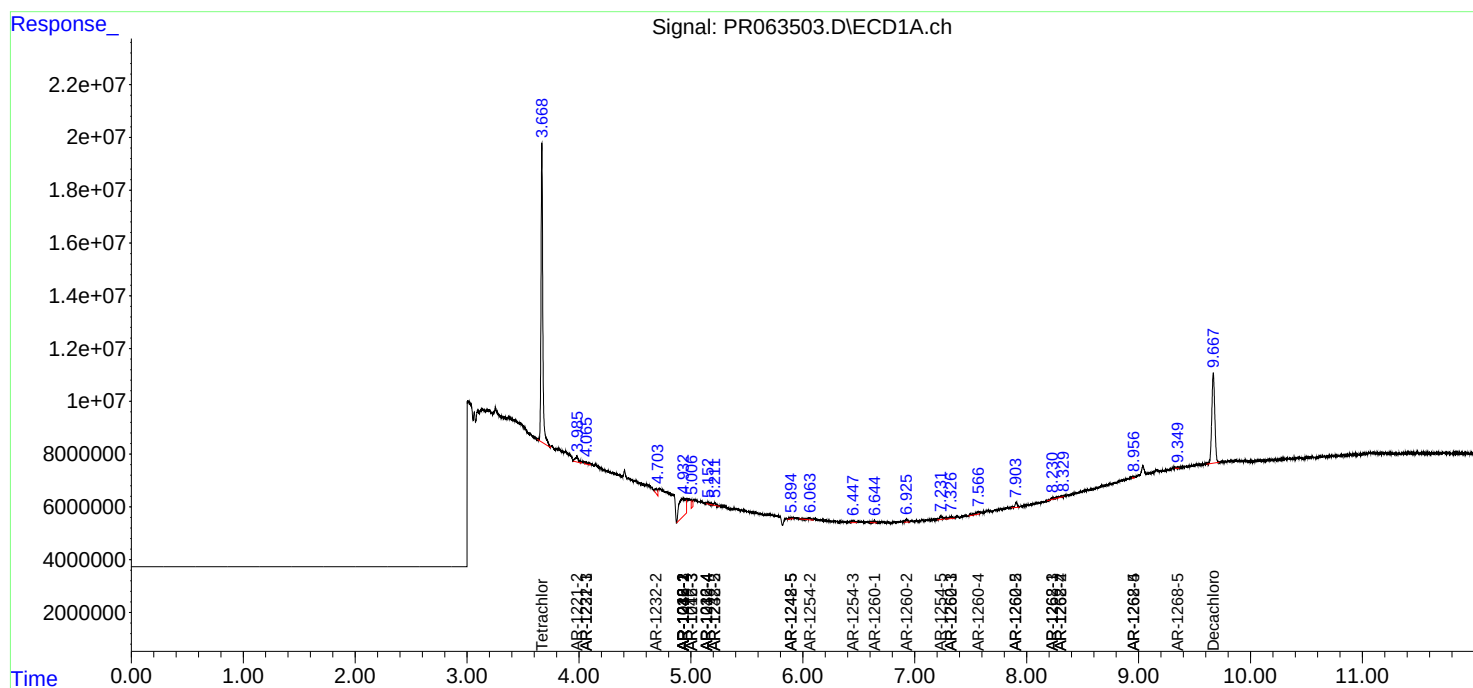
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

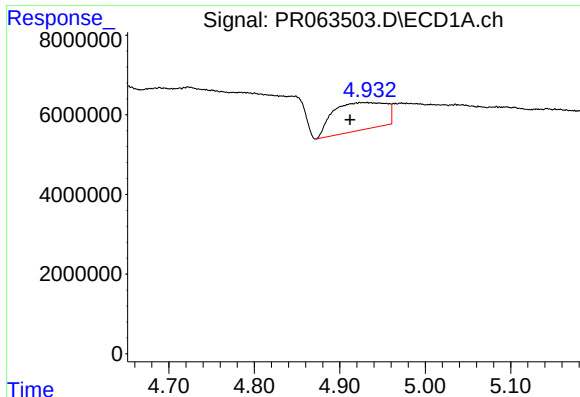
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092023\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

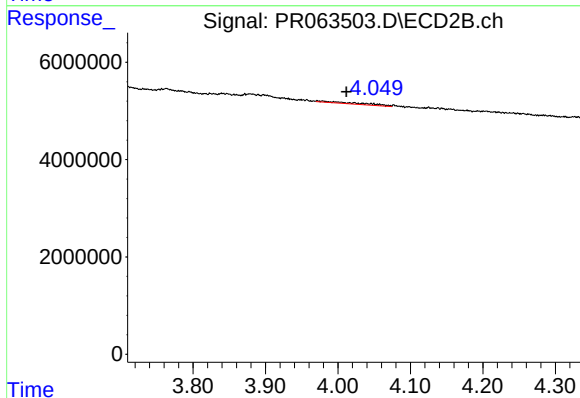




#3 AR-1016-1

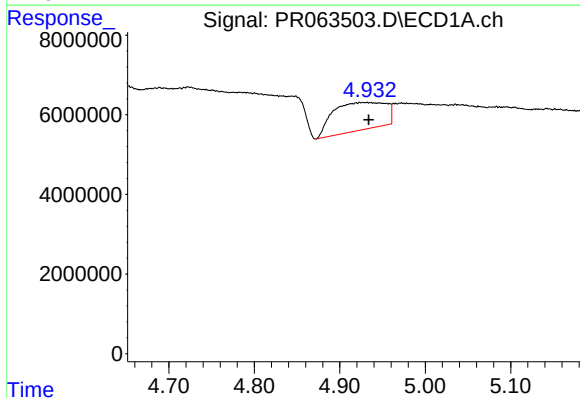
R.T.: 4.932 min
Delta R.T.: 0.019 min
Response: 29974428
Conc: 153.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



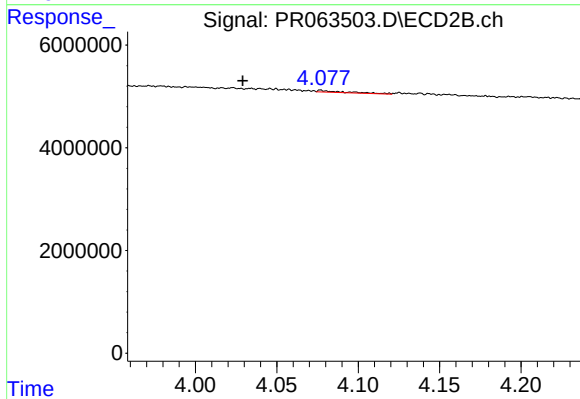
#3 AR-1016-1

R.T.: 3.972 min
Delta R.T.: -0.040 min
Response: 1247310
Conc: 11.08 ng/ml



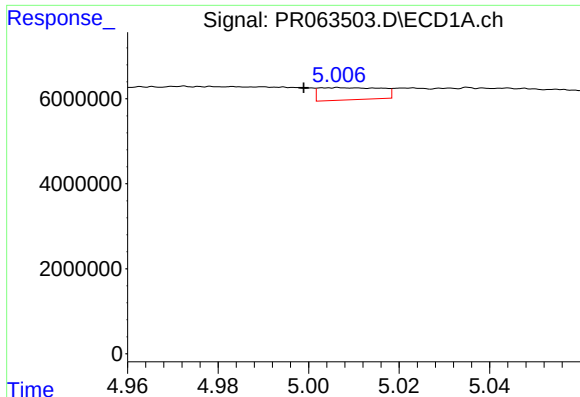
#4 AR-1016-2

R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 29974428
Conc: 106.39 ng/ml



#4 AR-1016-2

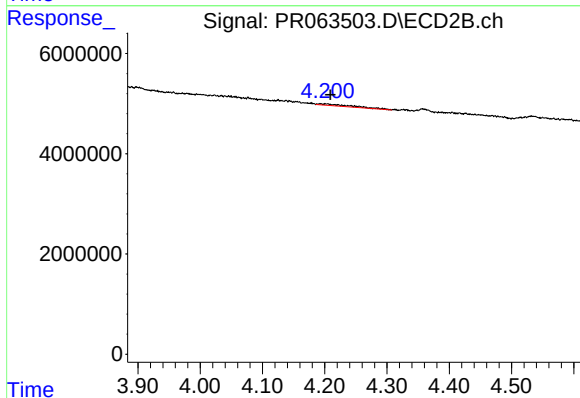
R.T.: 4.077 min
Delta R.T.: 0.048 min
Response: 394431
Conc: 2.32 ng/ml



#5 AR-1016-3

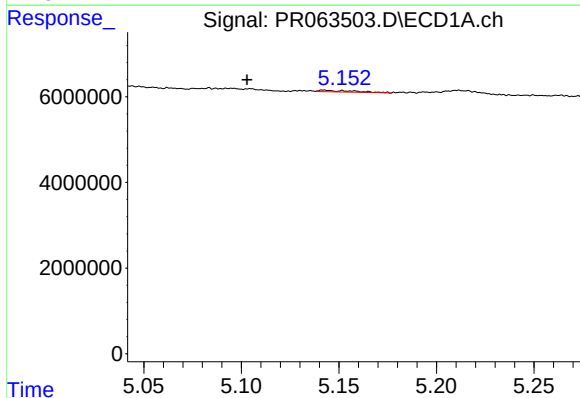
R.T.: 5.007 min
Delta R.T.: 0.008 min
Response: 2732205
Conc: 16.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



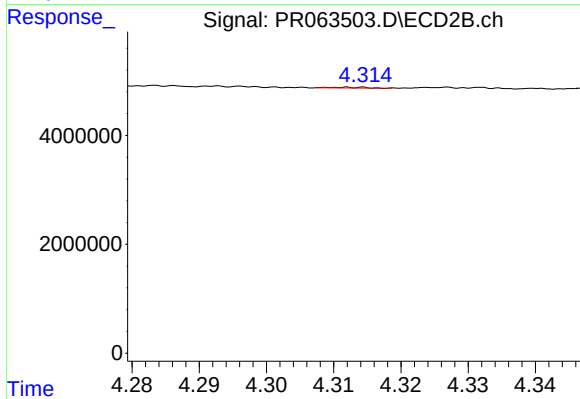
#5 AR-1016-3

R.T.: 4.193 min
Delta R.T.: -0.016 min
Response: 1241760
Conc: 14.29 ng/ml



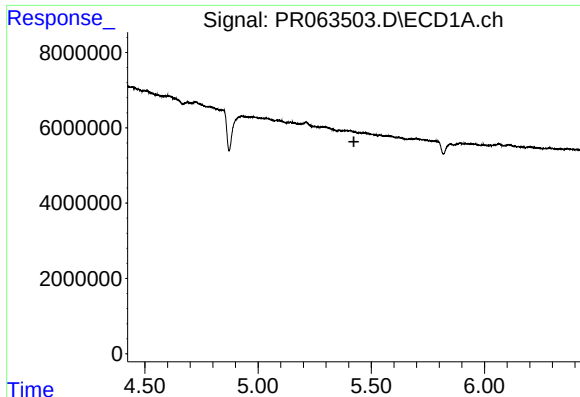
#6 AR-1016-4

R.T.: 5.142 min
Delta R.T.: 0.040 min
Response: 483387
Conc: 3.52 ng/ml



#6 AR-1016-4

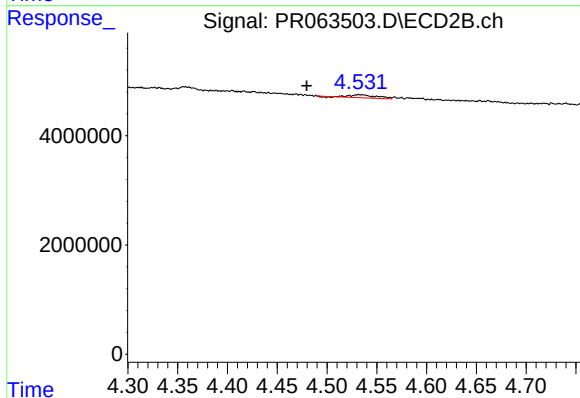
R.T.: 4.312 min
Delta R.T.: 0.051 min
Response: 50508
Conc: 0.75 ng/ml



#7 AR-1016-5

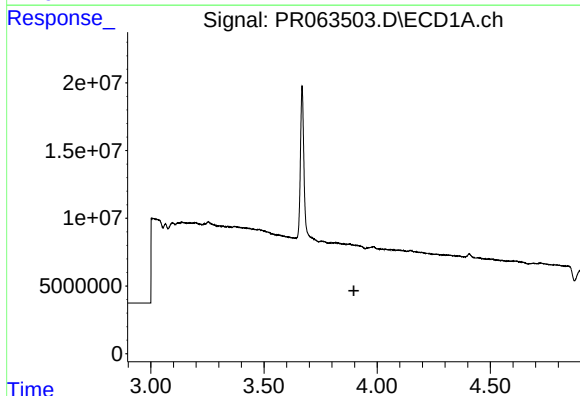
R.T.: 0.000 min
Exp R.T.: 5.423 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



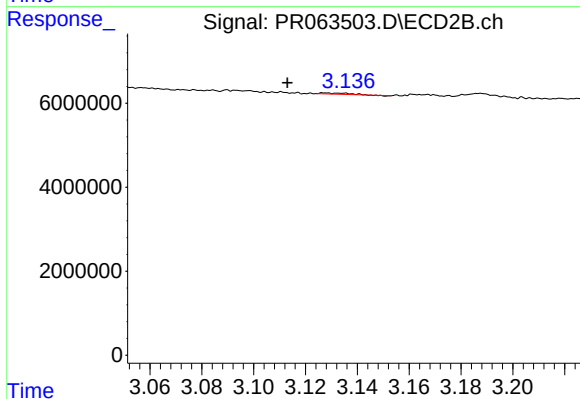
#7 AR-1016-5

R.T.: 4.532 min
Delta R.T.: 0.052 min
Response: 995523
Conc: 11.50 ng/ml



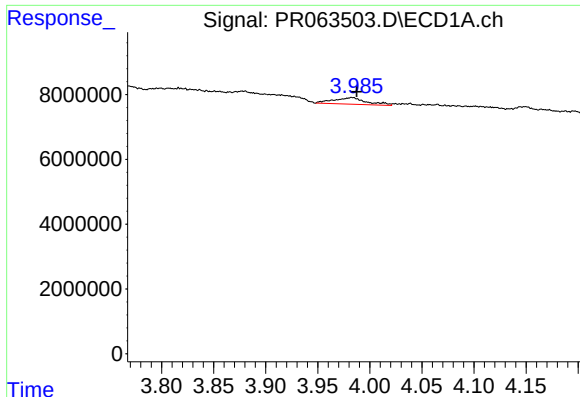
#8 AR-1221-1

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



#8 AR-1221-1

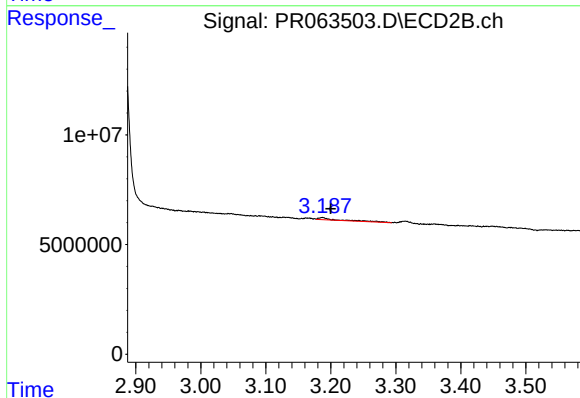
R.T.: 3.128 min
Delta R.T.: 0.015 min
Response: 193452
Conc: 5.22 ng/ml



#9 AR-1221-2

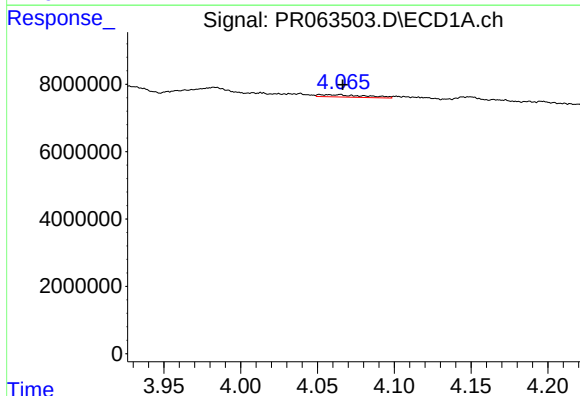
R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 4480868
Conc: 95.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



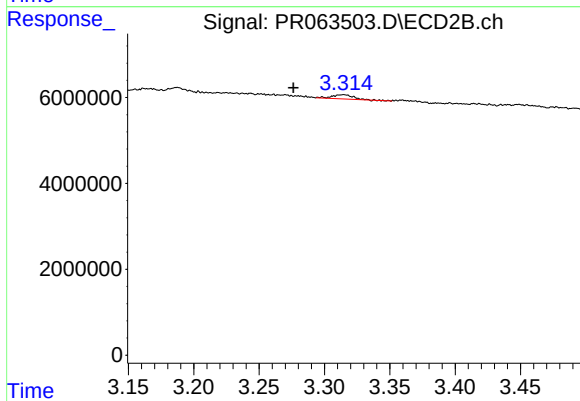
#9 AR-1221-2

R.T.: 3.187 min
Delta R.T.: -0.013 min
Response: 2121286
Conc: 82.26 ng/ml



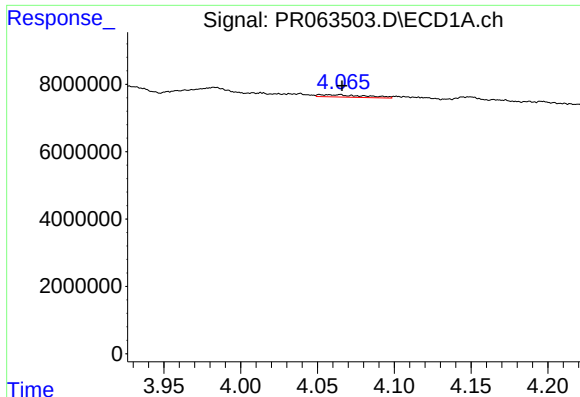
#10 AR-1221-3

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 1491265
Conc: 9.24 ng/ml



#10 AR-1221-3

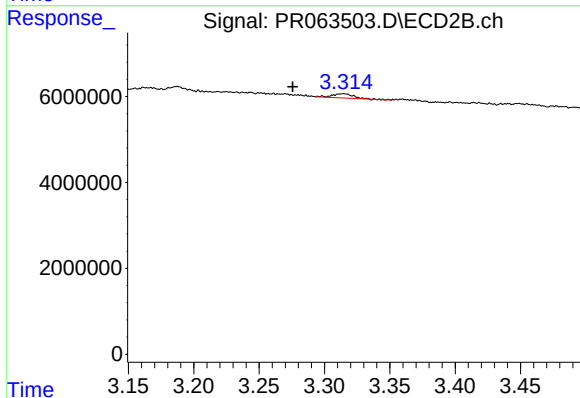
R.T.: 3.315 min
Delta R.T.: 0.038 min
Response: 1141295
Conc: 11.91 ng/ml



#11 AR-1232-1

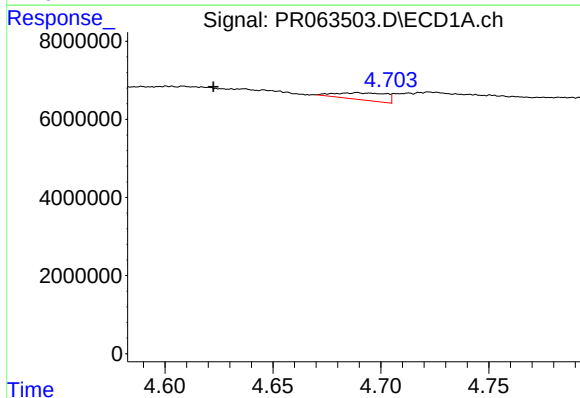
R.T.: 4.065 min
Delta R.T.: -0.001 min
Response: 1491265
Conc: 10.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



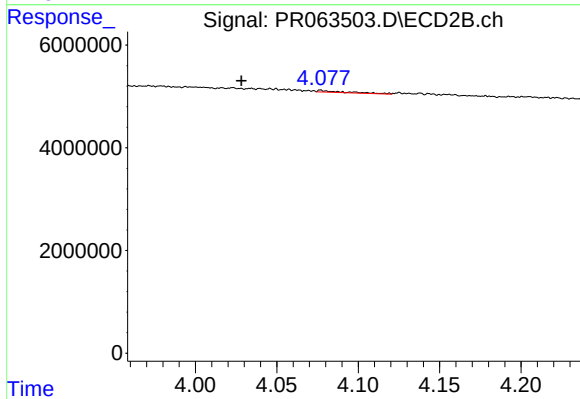
#11 AR-1232-1

R.T.: 3.315 min
Delta R.T.: 0.039 min
Response: 1141295
Conc: 14.32 ng/ml



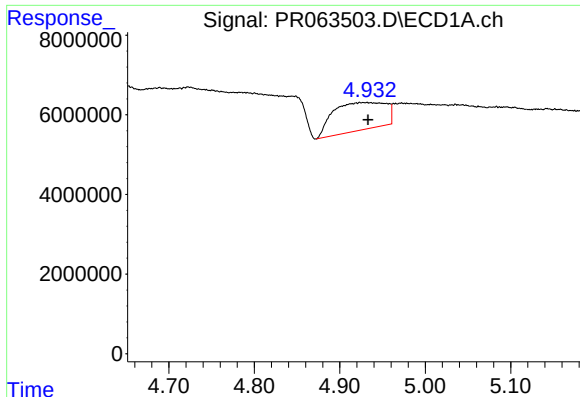
#12 AR-1232-2

R.T.: 4.689 min
Delta R.T.: 0.067 min
Response: 2918725
Conc: 46.09 ng/ml



#12 AR-1232-2

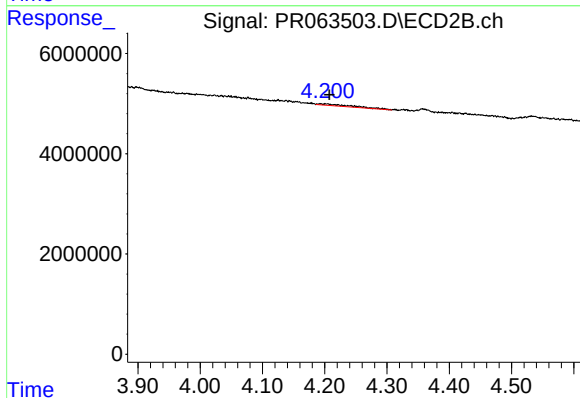
R.T.: 4.077 min
Delta R.T.: 0.049 min
Response: 394431
Conc: 5.27 ng/ml



#13 AR-1232-3

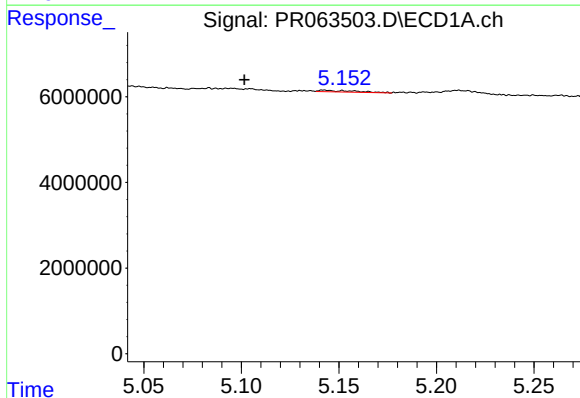
R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 29974428
Conc: 238.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



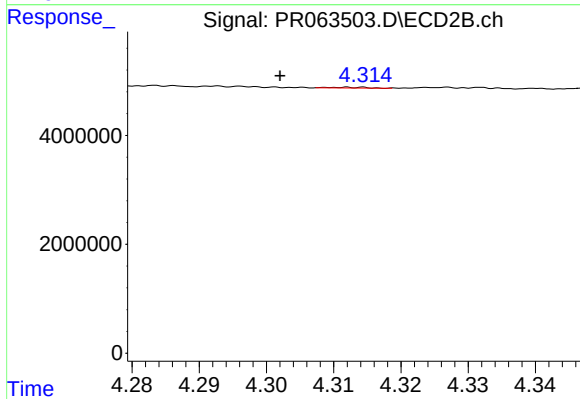
#13 AR-1232-3

R.T.: 4.193 min
Delta R.T.: -0.015 min
Response: 1241760
Conc: 32.98 ng/ml



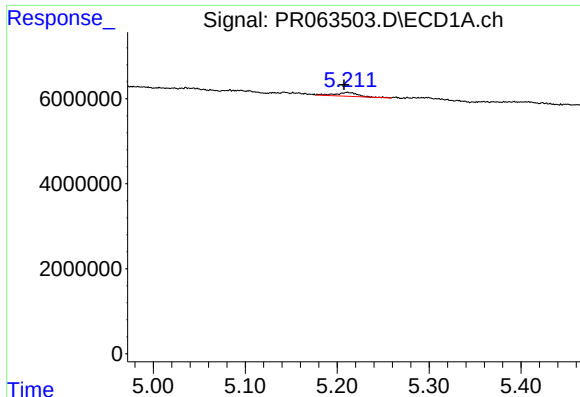
#14 AR-1232-4

R.T.: 5.142 min
Delta R.T.: 0.041 min
Response: 483387
Conc: 7.98 ng/ml



#14 AR-1232-4

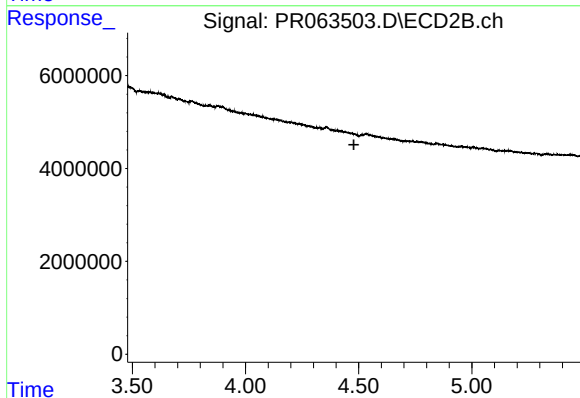
R.T.: 4.312 min
Delta R.T.: 0.010 min
Response: 50508
Conc: 1.59 ng/ml



#15 AR-1232-5

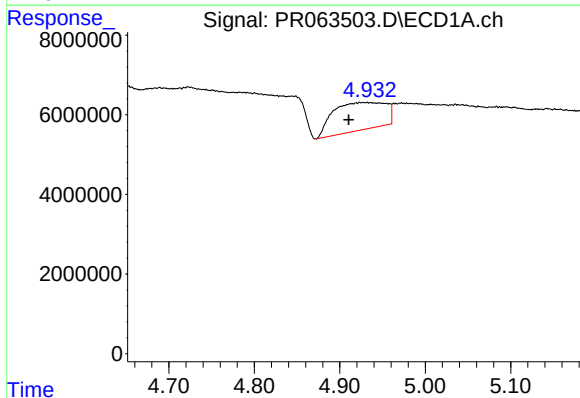
R.T.: 5.211 min
Delta R.T.: 0.004 min
Response: 1511892
Conc: 34.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



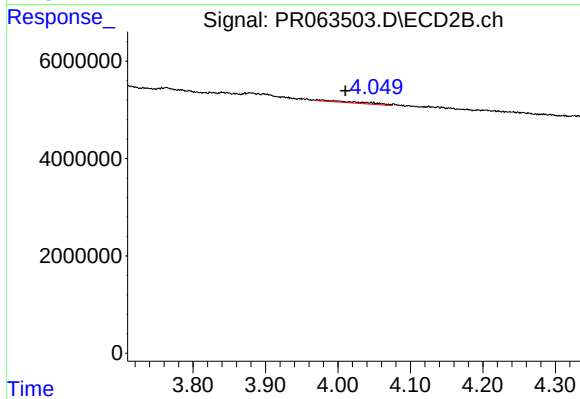
#15 AR-1232-5

R.T.: 4.426 min
Delta R.T.: -0.052 min
Response: -102862
Conc: N.D.



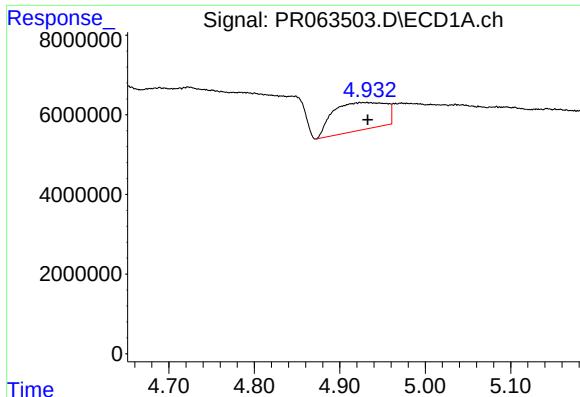
#16 AR-1242-1

R.T.: 4.932 min
Delta R.T.: 0.021 min
Response: 29974428
Conc: 179.80 ng/ml



#16 AR-1242-1

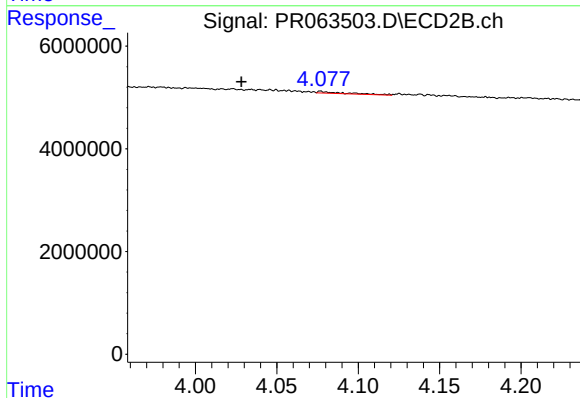
R.T.: 3.972 min
Delta R.T.: -0.039 min
Response: 1247310
Conc: 13.07 ng/ml



#17 AR-1242-2

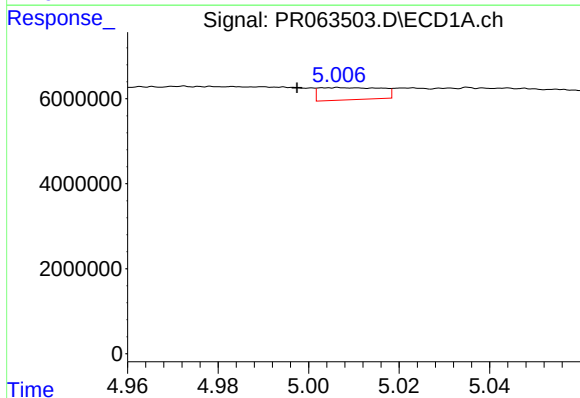
R.T.: 4.932 min
Delta R.T.: -0.001 min
Response: 29974428
Conc: 125.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



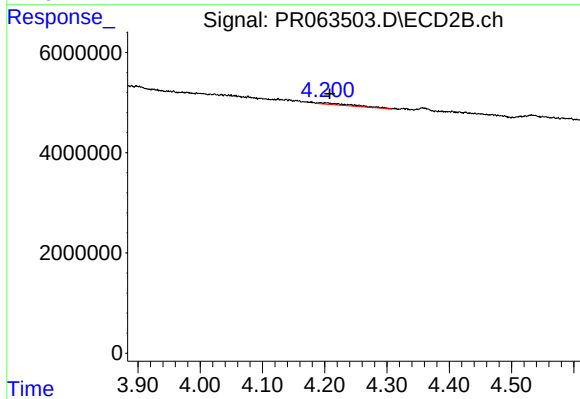
#17 AR-1242-2

R.T.: 4.077 min
Delta R.T.: 0.049 min
Response: 394431
Conc: 2.76 ng/ml



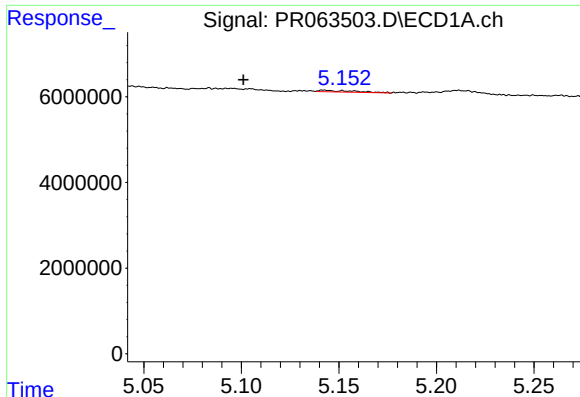
#18 AR-1242-3

R.T.: 5.007 min
Delta R.T.: 0.009 min
Response: 2732205
Conc: 19.24 ng/ml



#18 AR-1242-3

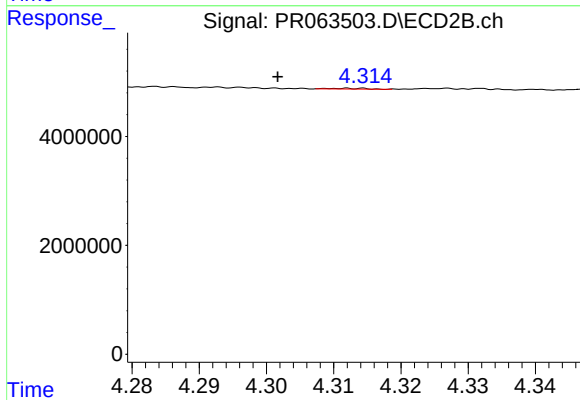
R.T.: 4.193 min
Delta R.T.: -0.015 min
Response: 1241760
Conc: 16.95 ng/ml



#19 AR-1242-4

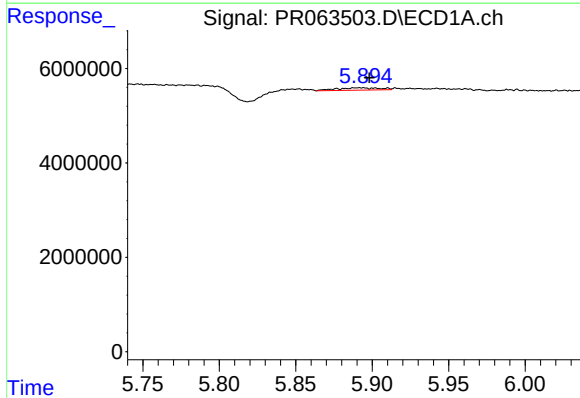
R.T.: 5.142 min
Delta R.T.: 0.041 min
Response: 483387
Conc: 4.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



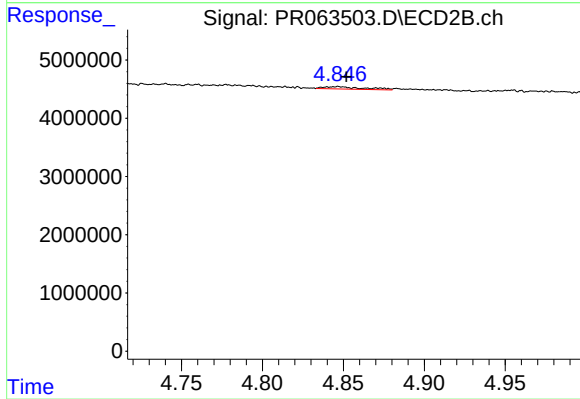
#19 AR-1242-4

R.T.: 4.312 min
Delta R.T.: 0.011 min
Response: 50508
Conc: 0.74 ng/ml



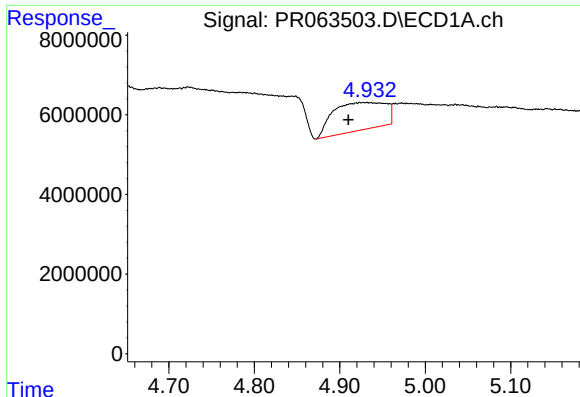
#20 AR-1242-5

R.T.: 5.892 min
Delta R.T.: -0.006 min
Response: 969974
Conc: 8.36 ng/ml



#20 AR-1242-5

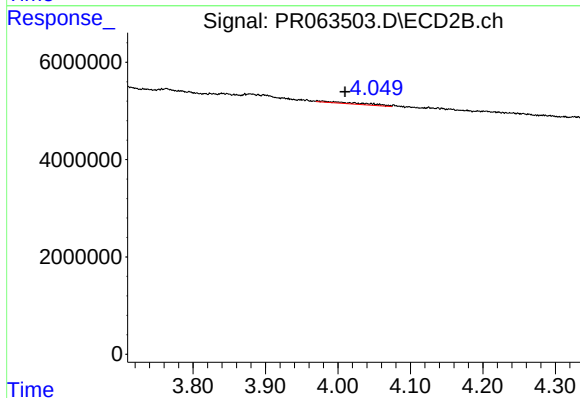
R.T.: 4.847 min
Delta R.T.: -0.005 min
Response: 716097
Conc: 8.19 ng/ml



#21 AR-1248-1

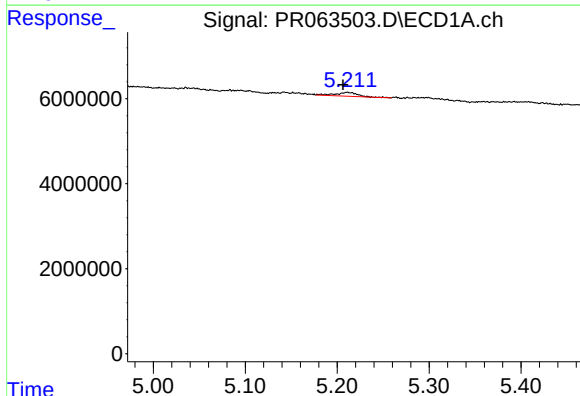
R.T.: 4.932 min
Delta R.T.: 0.021 min
Response: 29974428
Conc: 231.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



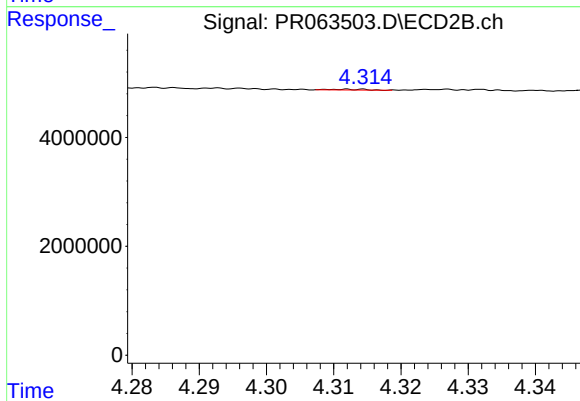
#21 AR-1248-1

R.T.: 3.972 min
Delta R.T.: -0.038 min
Response: 1247310
Conc: 16.70 ng/ml



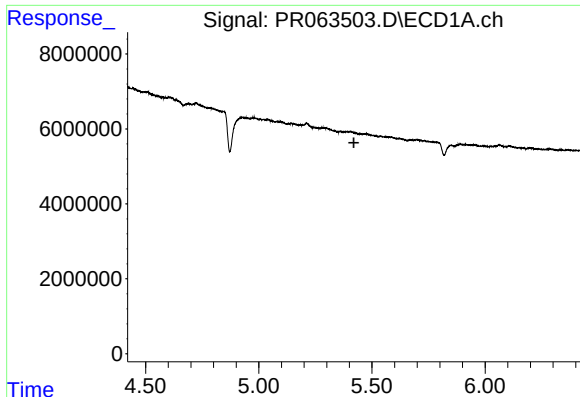
#22 AR-1248-2

R.T.: 5.211 min
Delta R.T.: 0.005 min
Response: 1511892
Conc: 8.92 ng/ml



#22 AR-1248-2

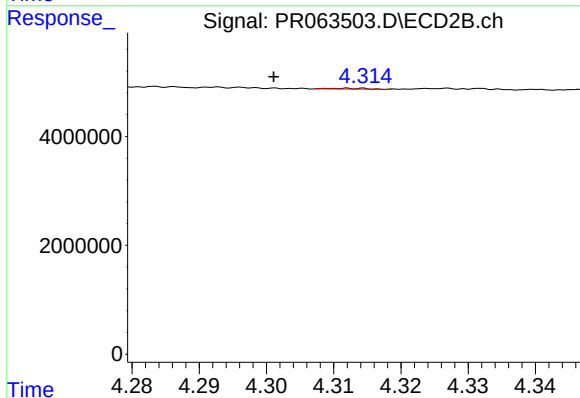
R.T.: 4.312 min
Delta R.T.: 0.052 min
Response: 50508
Conc: 0.47 ng/ml



#23 AR-1248-3

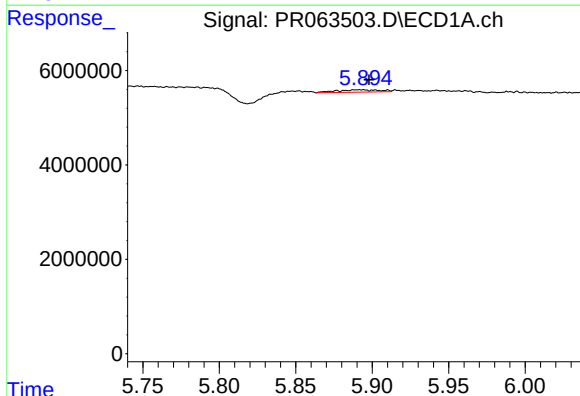
R.T.: 0.000 min
Exp R.T.: 5.420 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



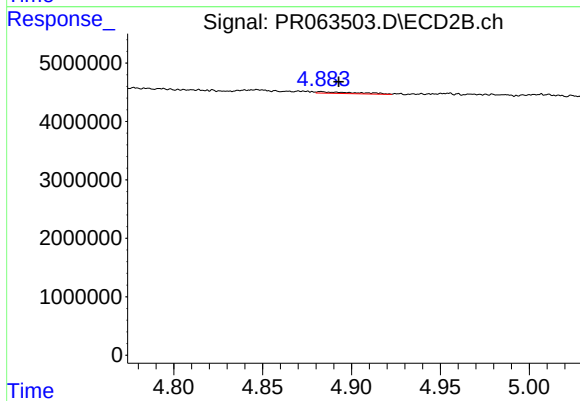
#23 AR-1248-3

R.T.: 4.312 min
Delta R.T.: 0.011 min
Response: 50508
Conc: 0.47 ng/ml



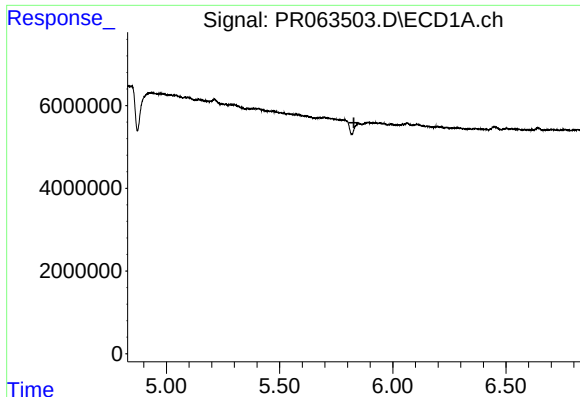
#25 AR-1248-5

R.T.: 5.892 min
Delta R.T.: -0.006 min
Response: 969974
Conc: 4.61 ng/ml



#25 AR-1248-5

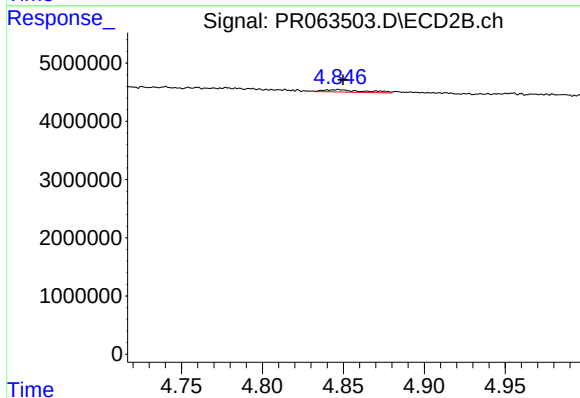
R.T.: 4.883 min
Delta R.T.: -0.010 min
Response: 439150
Conc: 3.42 ng/ml



#26 AR-1254-1

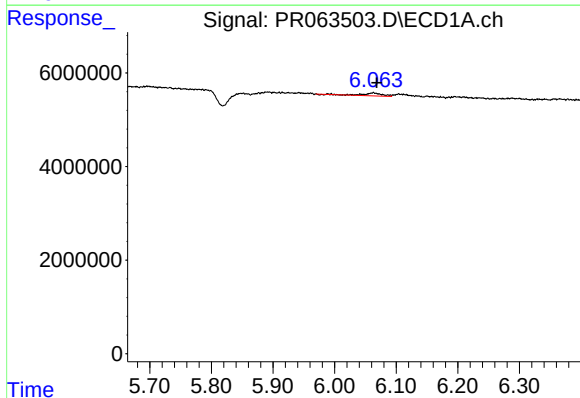
R.T.: 5.852 min
Delta R.T.: 0.023 min
Response: -1958437
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



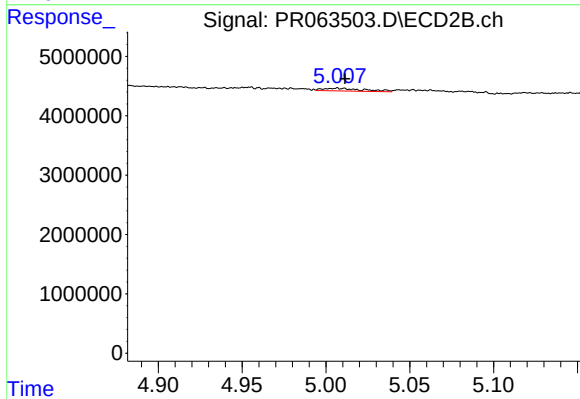
#26 AR-1254-1

R.T.: 4.847 min
Delta R.T.: -0.003 min
Response: 716097
Conc: 3.63 ng/ml



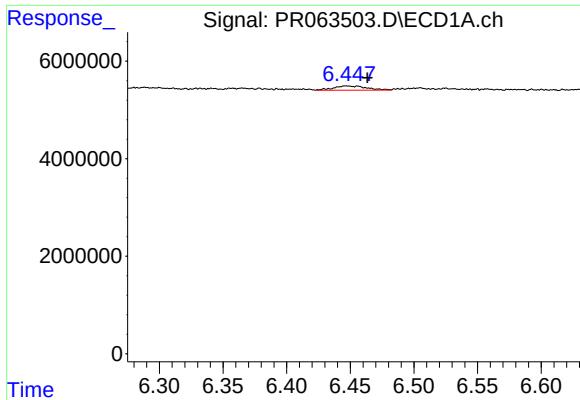
#27 AR-1254-2

R.T.: 6.063 min
Delta R.T.: -0.005 min
Response: 1353491
Conc: 4.08 ng/ml



#27 AR-1254-2

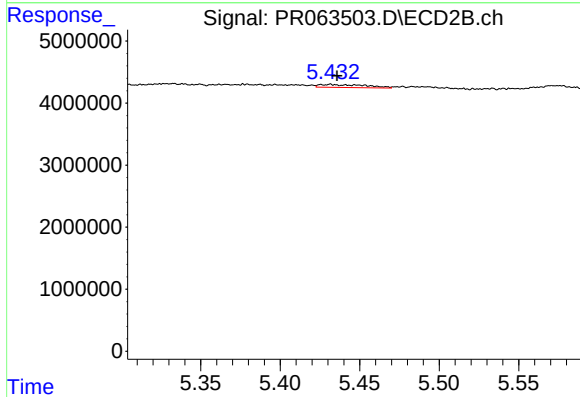
R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 771607
Conc: 4.56 ng/ml



#28 AR-1254-3

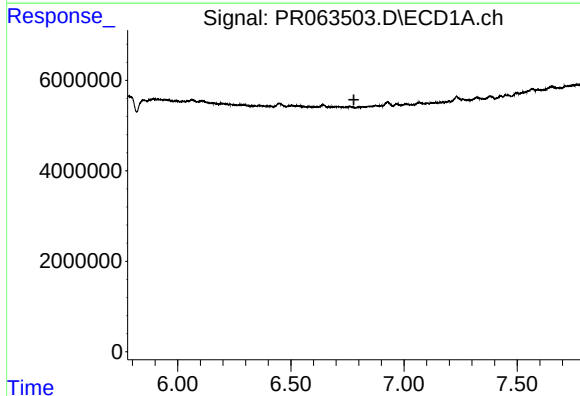
R.T.: 6.447 min
Delta R.T.: -0.016 min
Response: 1552273
Conc: 4.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



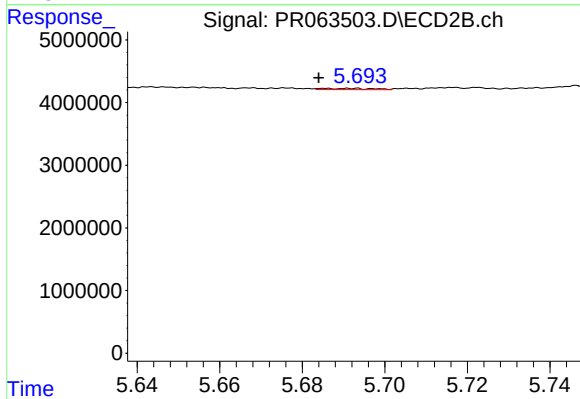
#28 AR-1254-3

R.T.: 5.432 min
Delta R.T.: -0.004 min
Response: 965171
Conc: 3.56 ng/ml



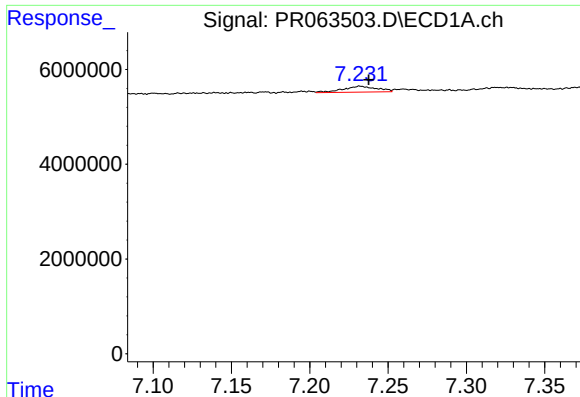
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.778 min
Response: 0
Conc: N.D.



#29 AR-1254-4

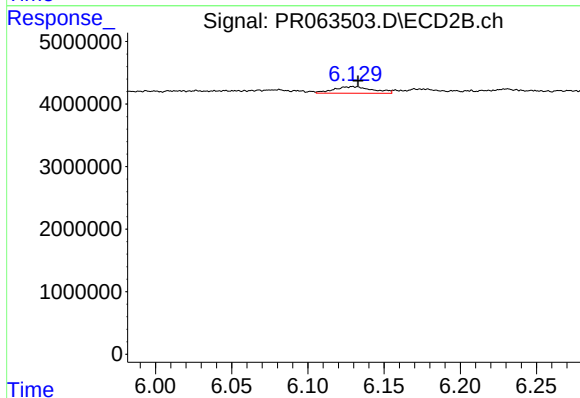
R.T.: 5.685 min
Delta R.T.: 0.001 min
Response: 163628
Conc: 0.98 ng/ml



#30 AR-1254-5

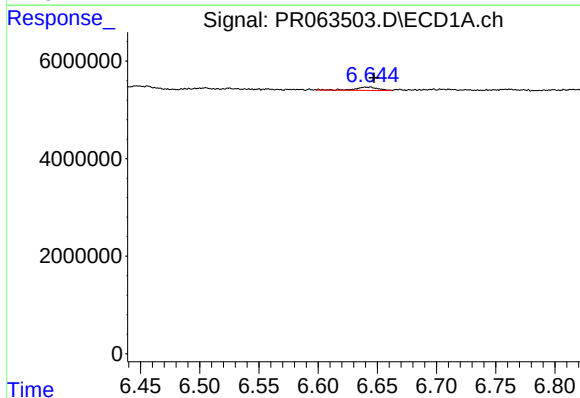
R.T.: 7.232 min
Delta R.T.: -0.005 min
Response: 1890609
Conc: 7.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



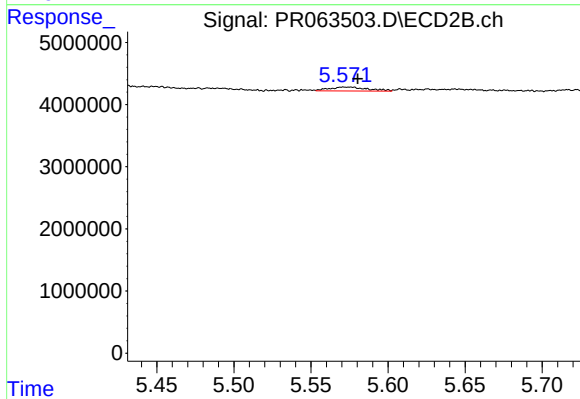
#30 AR-1254-5

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 1877641
Conc: 8.07 ng/ml



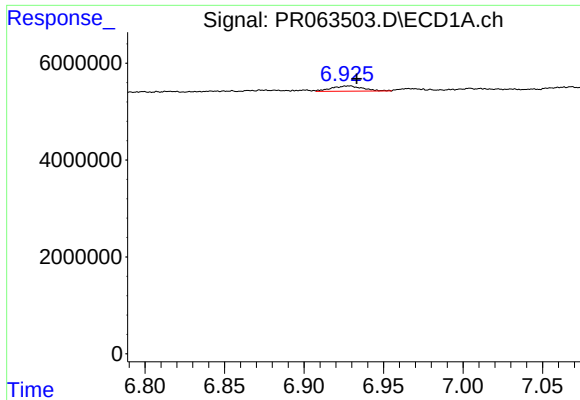
#31 AR-1260-1

R.T.: 6.644 min
Delta R.T.: -0.004 min
Response: 874902
Conc: 3.64 ng/ml



#31 AR-1260-1

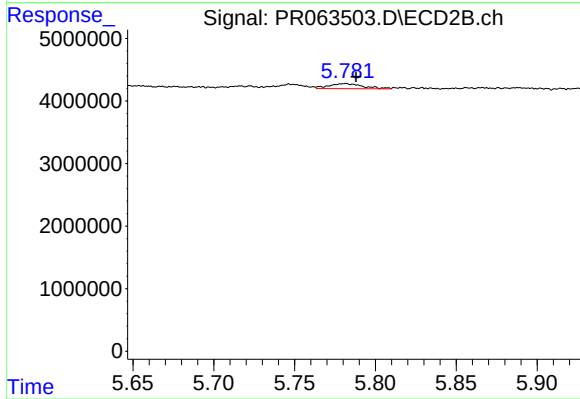
R.T.: 5.571 min
Delta R.T.: -0.009 min
Response: 1096710
Conc: 6.18 ng/ml



#32 AR-1260-2

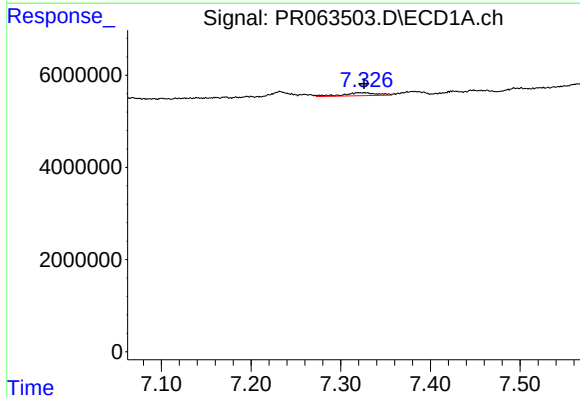
R.T.: 6.928 min
Delta R.T.: -0.005 min
Response: 1472099
Conc: 5.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



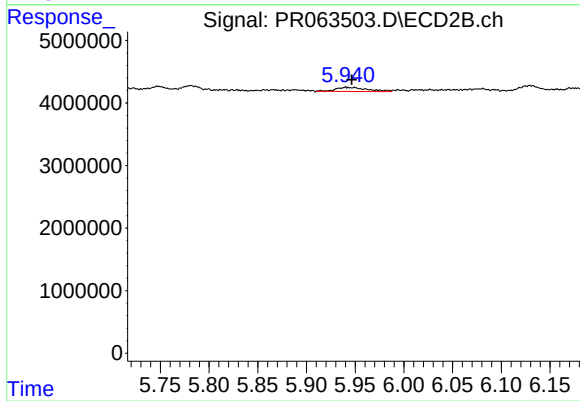
#32 AR-1260-2

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 1174559
Conc: 5.52 ng/ml



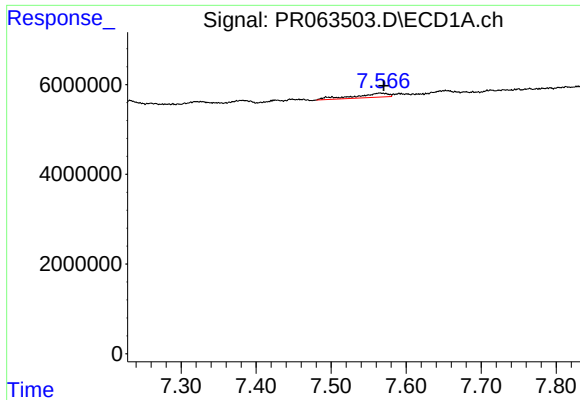
#33 AR-1260-3

R.T.: 7.319 min
Delta R.T.: -0.006 min
Response: 1731235
Conc: 9.05 ng/ml



#33 AR-1260-3

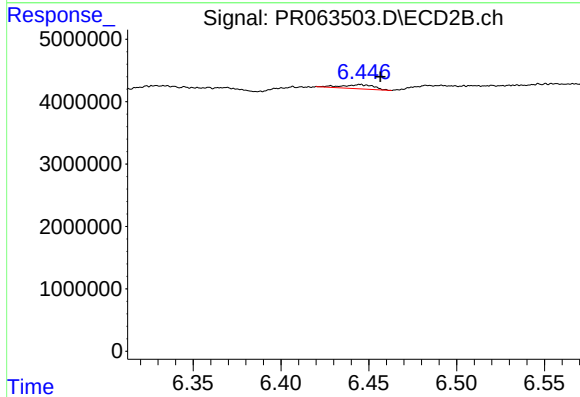
R.T.: 5.941 min
Delta R.T.: -0.006 min
Response: 1526353
Conc: 7.66 ng/ml



#34 AR-1260-4

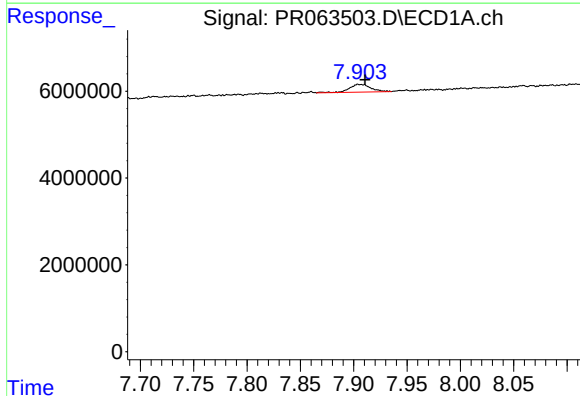
R.T.: 7.565 min
Delta R.T.: -0.005 min
Response: 2933533
Conc: 13.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



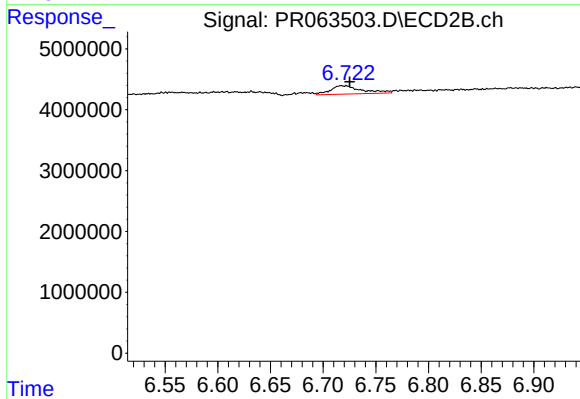
#34 AR-1260-4

R.T.: 6.445 min
Delta R.T.: -0.012 min
Response: 825916
Conc: 5.04 ng/ml



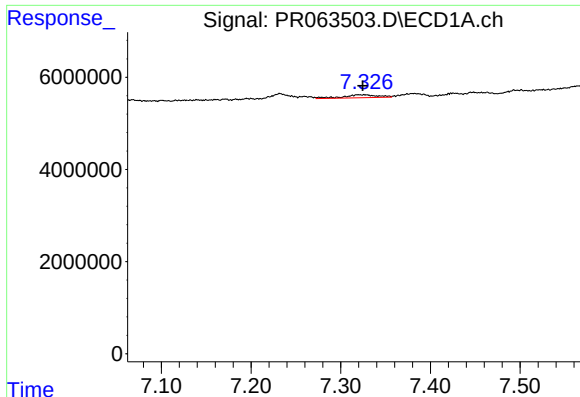
#35 AR-1260-5

R.T.: 7.905 min
Delta R.T.: -0.006 min
Response: 2524109
Conc: 5.83 ng/ml



#35 AR-1260-5

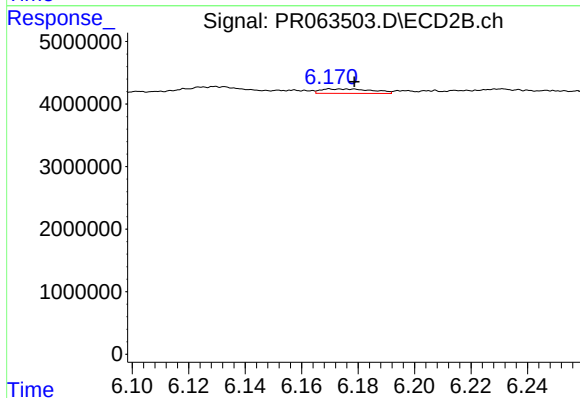
R.T.: 6.722 min
Delta R.T.: -0.004 min
Response: 2824963
Conc: 7.14 ng/ml



#36 AR-1262-1

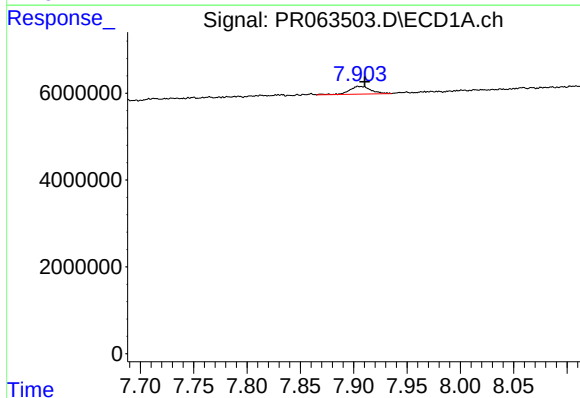
R.T.: 7.319 min
Delta R.T.: -0.005 min
Response: 1731235
Conc: 5.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



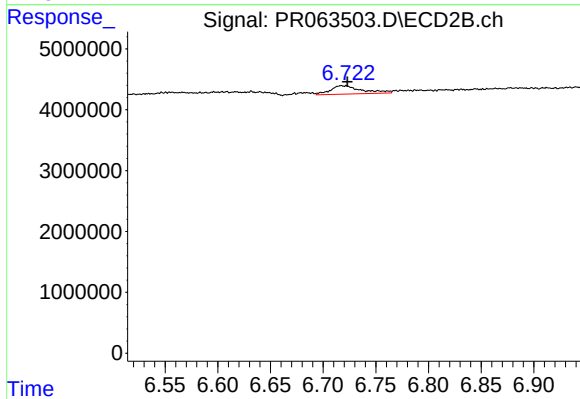
#36 AR-1262-1

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 902057
Conc: 3.57 ng/ml



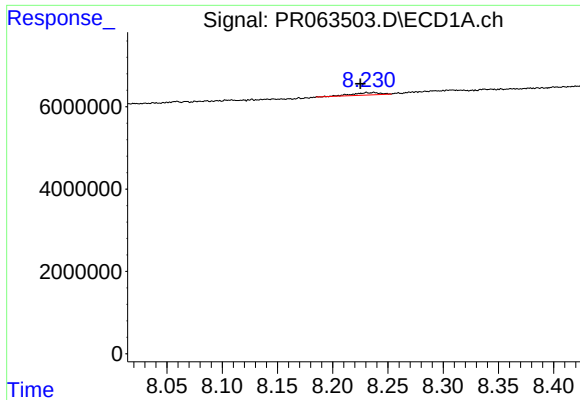
#37 AR-1262-2

R.T.: 7.905 min
Delta R.T.: -0.006 min
Response: 2524109
Conc: 4.92 ng/ml



#37 AR-1262-2

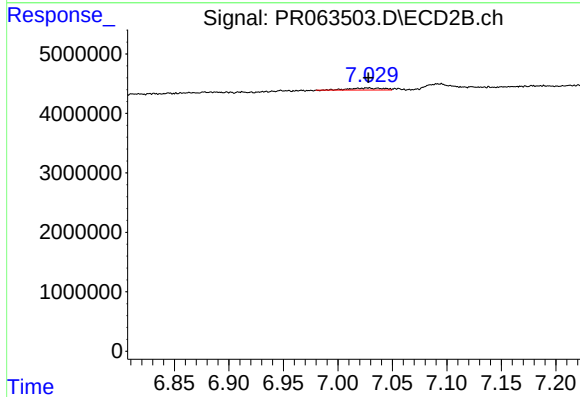
R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 2824963
Conc: 6.16 ng/ml



#38 AR-1262-3

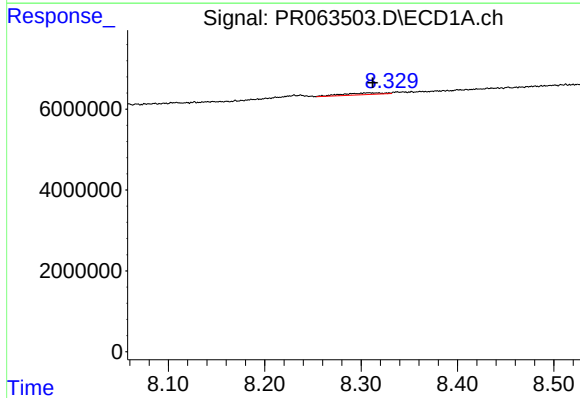
R.T.: 8.237 min
Delta R.T.: 0.012 min
Response: 1045988
Conc: 3.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



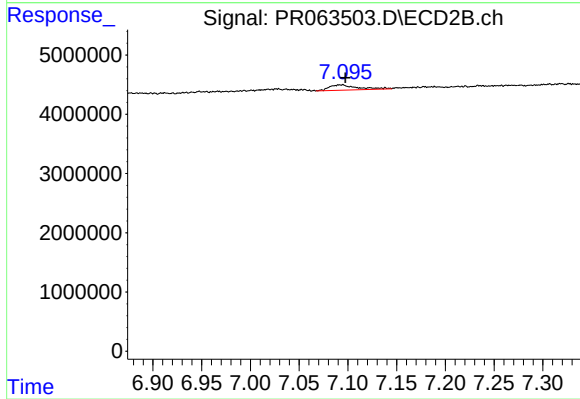
#38 AR-1262-3

R.T.: 7.019 min
Delta R.T.: -0.010 min
Response: 715485
Conc: 4.02 ng/ml



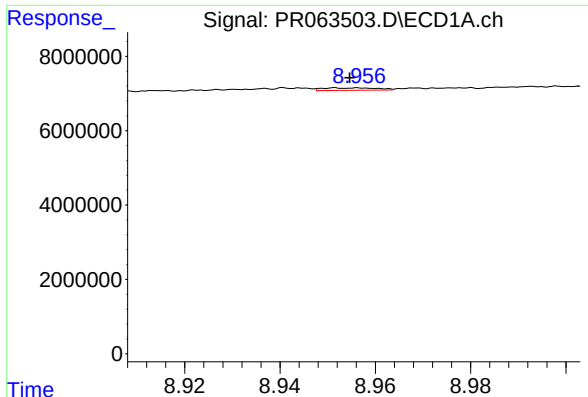
#39 AR-1262-4

R.T.: 8.308 min
Delta R.T.: -0.004 min
Response: 1245712
Conc: 5.00 ng/ml



#39 AR-1262-4

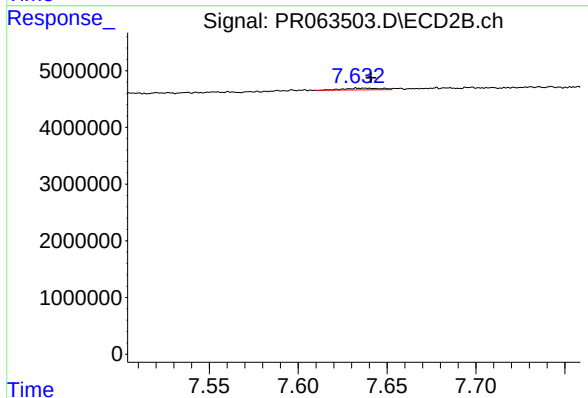
R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 1804616
Conc: 5.36 ng/ml



#40 AR-1262-5

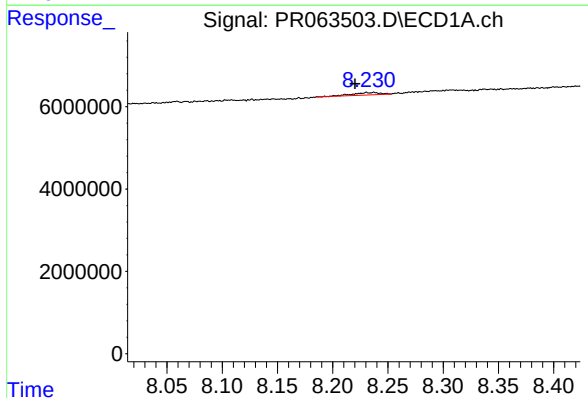
R.T.: 8.952 min
Delta R.T.: -0.002 min
Response: 507889
Conc: 2.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



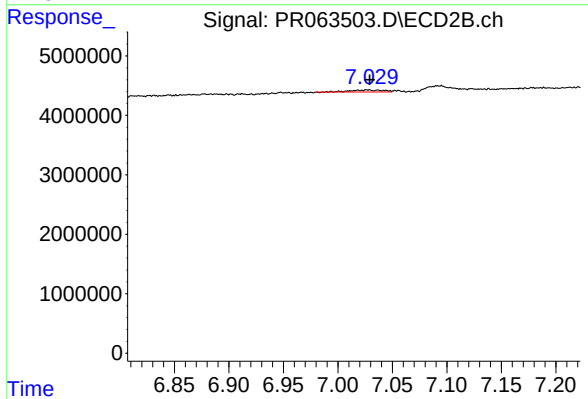
#40 AR-1262-5

R.T.: 7.638 min
Delta R.T.: -0.003 min
Response: 409559
Conc: 2.71 ng/ml



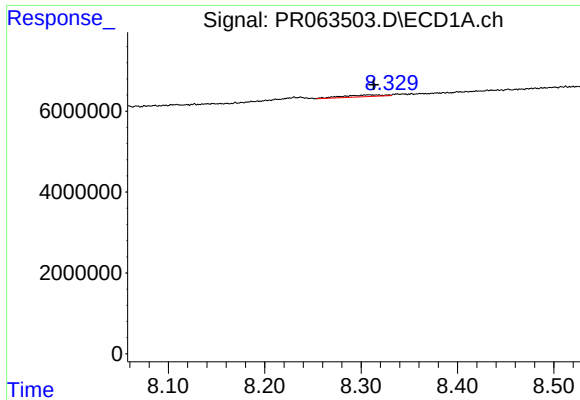
#41 AR-1268-1

R.T.: 8.237 min
Delta R.T.: 0.017 min
Response: 1045988
Conc: 1.74 ng/ml



#41 AR-1268-1

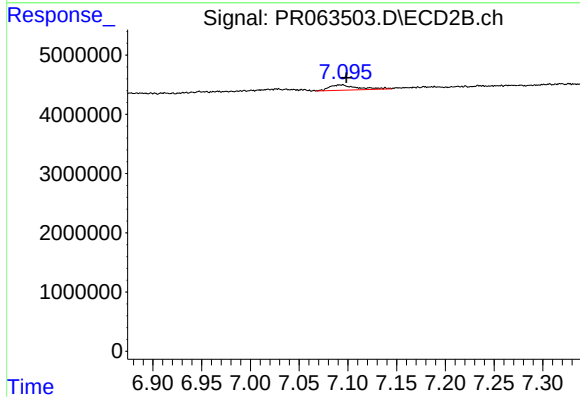
R.T.: 7.019 min
Delta R.T.: -0.011 min
Response: 715485
Conc: 1.33 ng/ml



#42 AR-1268-2

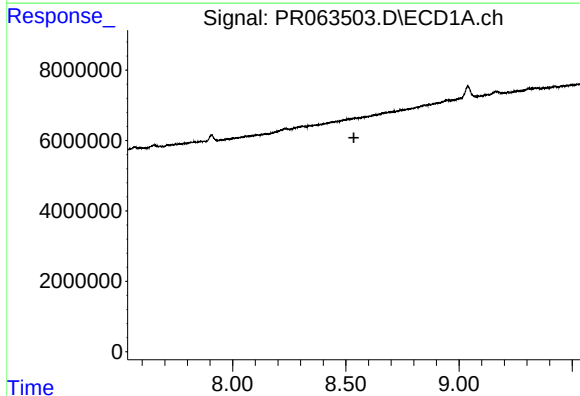
R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 1245712
Conc: 2.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



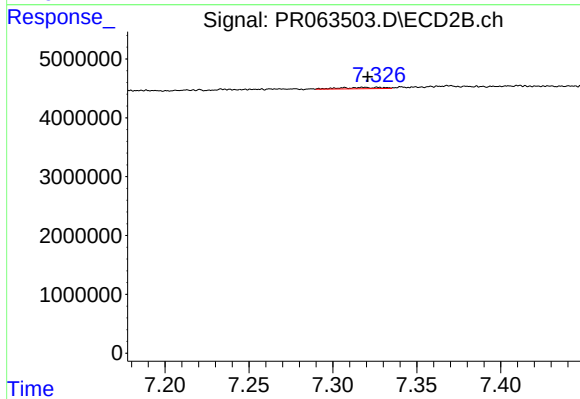
#42 AR-1268-2

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 1804616
Conc: 3.68 ng/ml



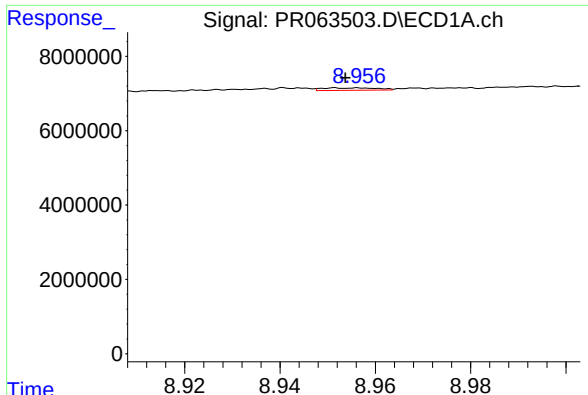
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.536 min
Response: 0
Conc: N.D.



#43 AR-1268-3

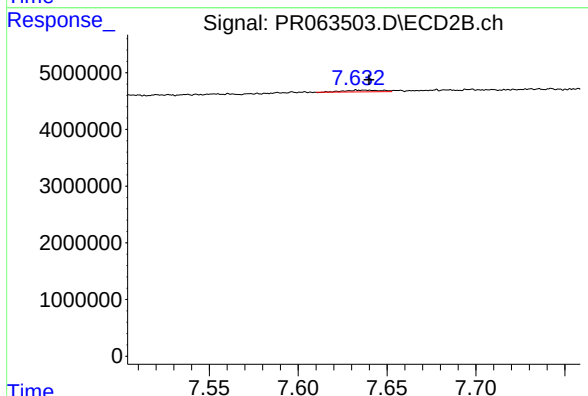
R.T.: 7.307 min
Delta R.T.: -0.014 min
Response: 368575
Conc: 0.89 ng/ml



#44 AR-1268-4

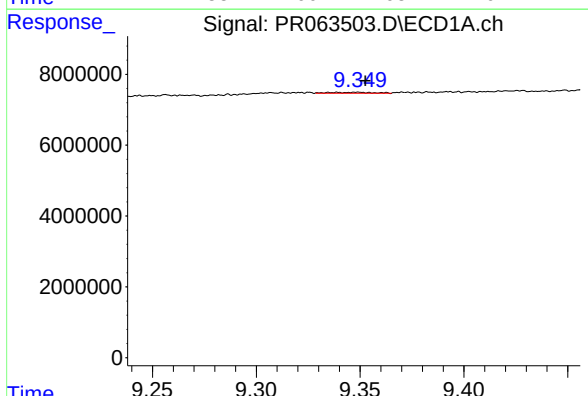
R.T.: 8.952 min
Delta R.T.: -0.001 min
Response: 507889
Conc: 2.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



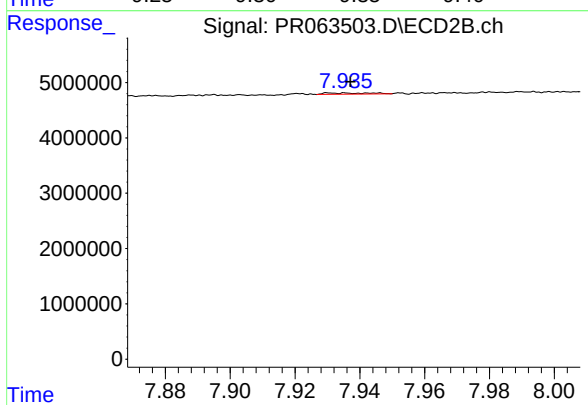
#44 AR-1268-4

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 409559
Conc: 2.42 ng/ml



#45 AR-1268-5

R.T.: 9.349 min
Delta R.T.: -0.004 min
Response: 418008
Conc: 0.27 ng/ml



#45 AR-1268-5

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 215363
Conc: 0.16 ng/ml