

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092023\
 Data File : PR063495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 12:48
 Operator : YP\AJ
 Sample : 04450-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:24:07 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	123.7E6	74276478	19.060	21.727
2)	SA Decachlor...	9.669	8.178	60560367	48531719	16.354	16.239
Target Compounds							
3)	L1 AR-1016-1	4.924	4.023	3919037	260185	20.060	2.311 #
4)	L1 AR-1016-2	4.924	4.023	3919037	260185	13.910	1.531 #
5)	L1 AR-1016-3	4.983	4.193	453192	341149	2.697	3.925 #
6)	L1 AR-1016-4	5.040f	4.265	1728407	77580	12.593	1.147 #
7)	L1 AR-1016-5	0.000	4.471	0	368856	N.D.	4.259 #
8)	L2 AR-1221-1	3.880	3.117	1030641	312800	14.200	8.447 #
9)	L2 AR-1221-2	3.984	3.208	3489761	41068	74.349	1.593 #
10)	L2 AR-1221-3	4.050	3.279	19627343	361134	121.644	3.769 #
11)	L3 AR-1232-1	4.050	3.279	19627343	361134	144.699	4.532 #
12)	L3 AR-1232-2	4.641	4.023	278257	260185	4.394	3.477
13)	L3 AR-1232-3	4.924	4.193	3919037	341149	31.151	9.061 #
14)	L3 AR-1232-4	5.040f	4.319	1728407	123439	28.527	3.890 #
15)	L3 AR-1232-5	0.000	4.471	0	368856	N.D.	10.230 #
16)	L4 AR-1242-1	4.924	3.998	3919037	298598	23.508	3.128 #
17)	L4 AR-1242-2	4.924	4.023	3919037	260185	16.424	1.822 #
18)	L4 AR-1242-3	4.983	4.193	453192	341149	3.192	4.657 #
19)	L4 AR-1242-4	5.040f	4.319	1728407	123439	14.747	1.805 #
20)	L4 AR-1242-5	5.917	4.845	551877	987755	4.759	11.292 #
21)	L5 AR-1248-1	4.924	3.998	3919037	298598	30.310	3.998 #
22)	L5 AR-1248-2	0.000	4.256	0	71472	N.D.	0.670 #
23)	L5 AR-1248-3	0.000	4.319	0	123439	N.D.	1.161 #
24)	L5 AR-1248-4	5.854	4.471	387183	368856	1.777	2.839 #
25)	L5 AR-1248-5	5.917	4.845f	551877	987755	2.623	7.684 #
26)	L6 AR-1254-1	5.835	4.845	661344	987755	3.014	5.003 #
27)	L6 AR-1254-2	6.067	5.004	235715	1628791	0.711	9.636 #
28)	L6 AR-1254-3	6.450	5.436	1251173	664361	3.714	2.447 #
29)	L6 AR-1254-4	6.836f	5.713	173627	1841684	0.749	10.978 #
30)	L6 AR-1254-5	7.235	6.144	443231	557671	1.815	2.398 #
31)	L7 AR-1260-1	6.643	0.000	439119	0	1.828	N.D. #
32)	L7 AR-1260-2	6.931	5.780	615148	155448	2.243	0.730 #
33)	L7 AR-1260-3	7.304	5.959	91149	830636	0.477	4.170 #
35)	L7 AR-1260-5	7.905	6.661f	192352	454495	0.444	1.148 #
36)	L8 AR-1262-1	7.304	6.144f	91149	557671	0.299	2.205 #
37)	L8 AR-1262-2	7.905	6.661f	192352	454495	0.375	0.991 #
38)	L8 AR-1262-3	8.235	7.047	386853	639324	1.158	3.593 #
39)	L8 AR-1262-4	8.273f	7.047f	167000	639324	0.671	1.901 #
40)	L8 AR-1262-5	8.898f	0.000	147989	0	0.829	N.D. #
41)	L9 AR-1268-1	8.235	7.047	386853	639324	0.644	1.184 #
42)	L9 AR-1268-2	8.273f	7.047f	167000	639324	0.307	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	0.000	7.320	0	94684	N.D.	0.228 #
44) L9	AR-1268-4	8.898f	0.000	147989	0	0.740	N.D. #
45) L9	AR-1268-5	9.344	0.000	281489	0	0.183	N.D. #

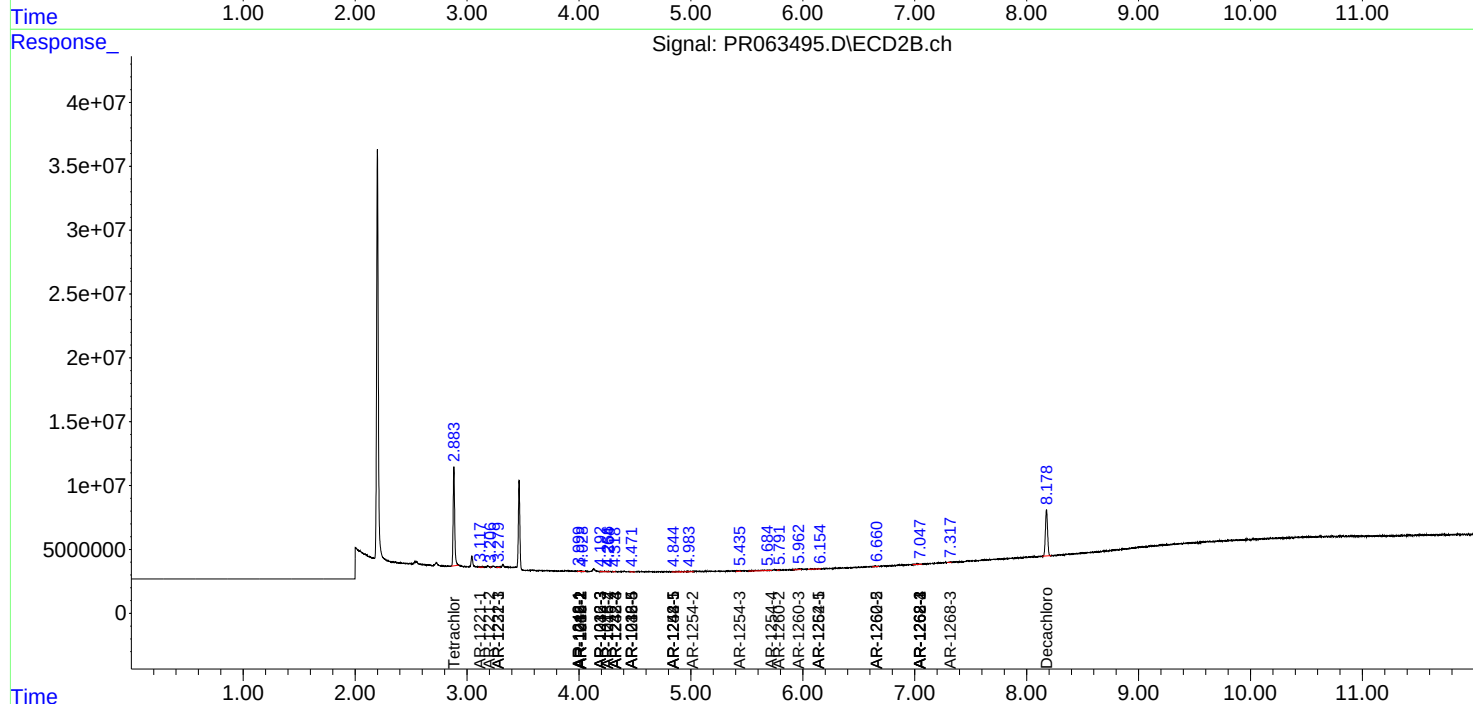
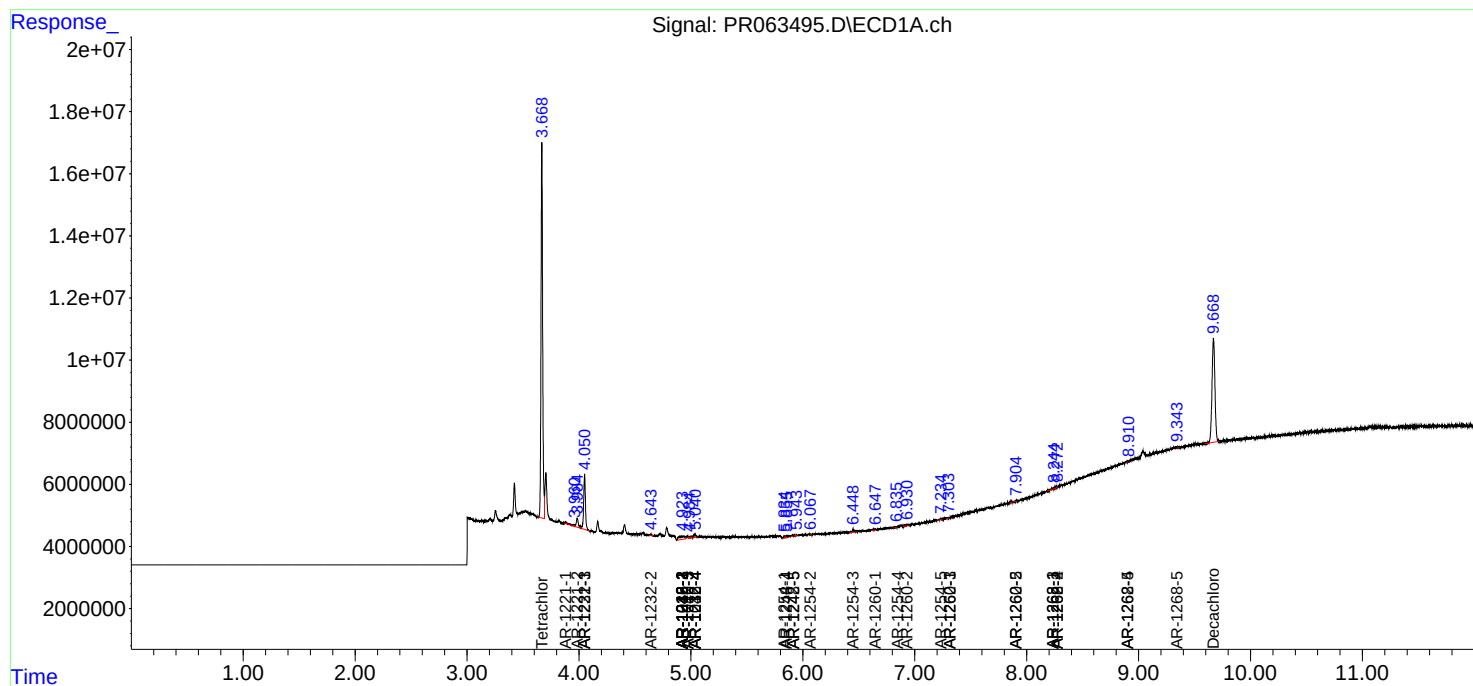
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

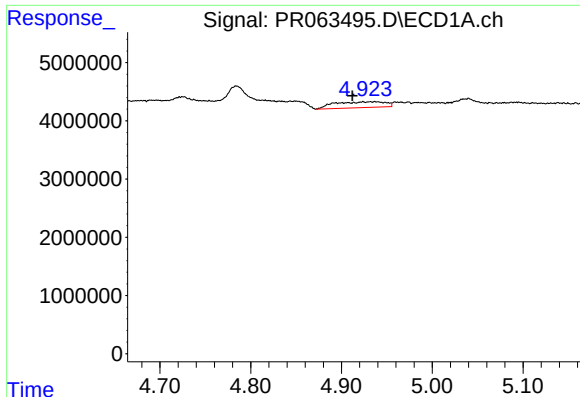
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

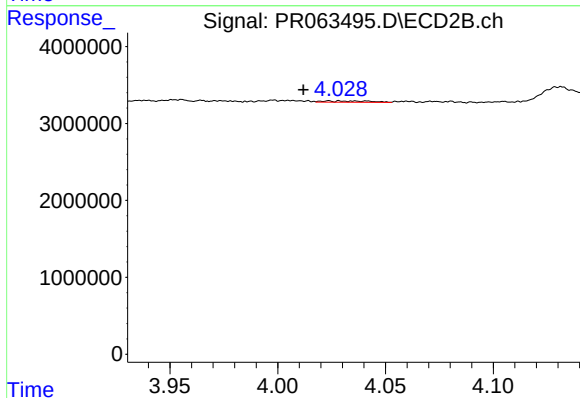




#3 AR-1016-1

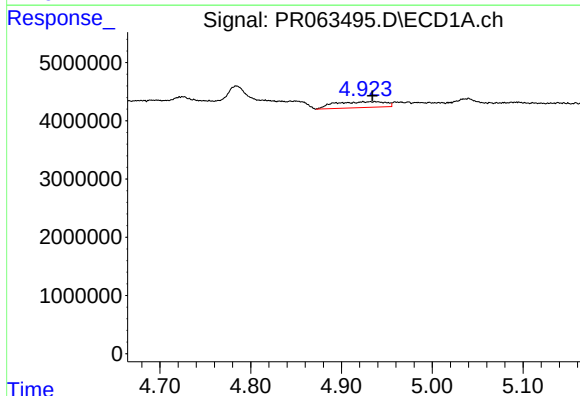
R.T.: 4.924 min
Delta R.T.: 0.012 min
Response: 3919037
Conc: 20.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



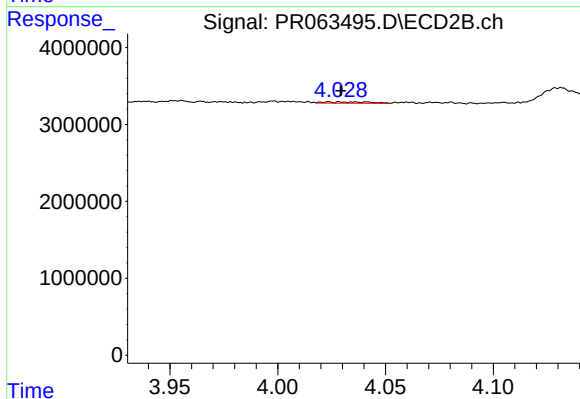
#3 AR-1016-1

R.T.: 4.023 min
Delta R.T.: 0.012 min
Response: 260185
Conc: 2.31 ng/ml



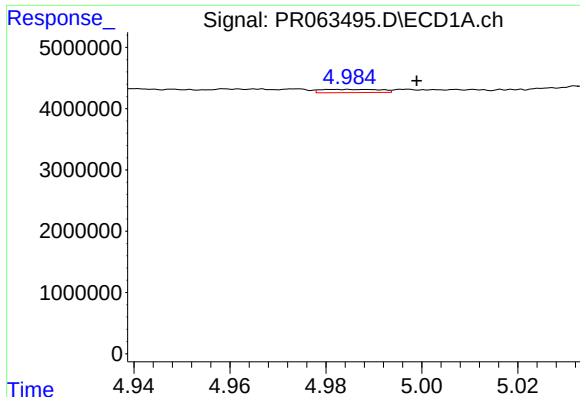
#4 AR-1016-2

R.T.: 4.924 min
Delta R.T.: -0.010 min
Response: 3919037
Conc: 13.91 ng/ml



#4 AR-1016-2

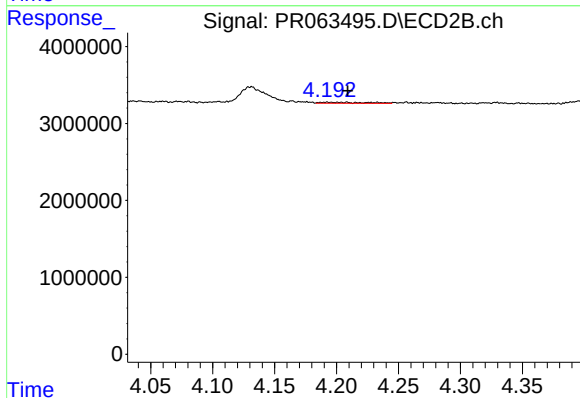
R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 260185
Conc: 1.53 ng/ml



#5 AR-1016-3

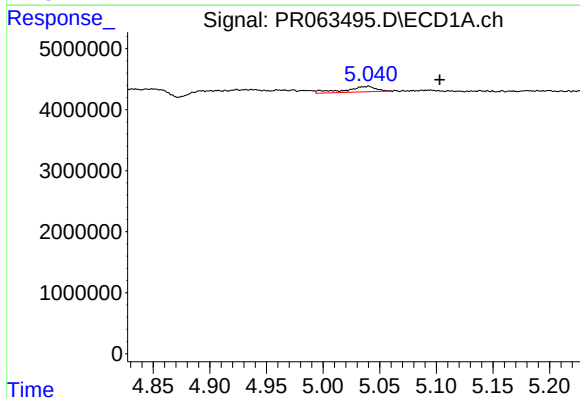
R.T.: 4.983 min
Delta R.T.: -0.016 min
Response: 453192
Conc: 2.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



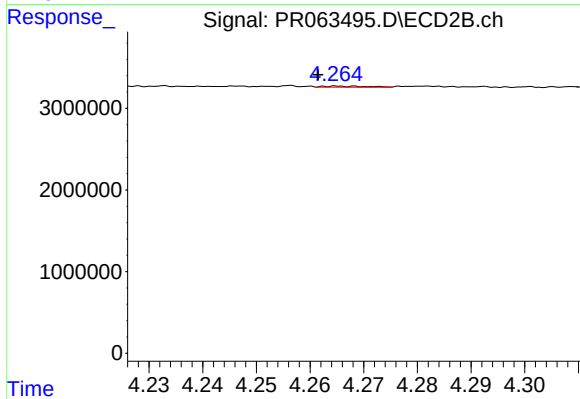
#5 AR-1016-3

R.T.: 4.193 min
Delta R.T.: -0.016 min
Response: 341149
Conc: 3.92 ng/ml



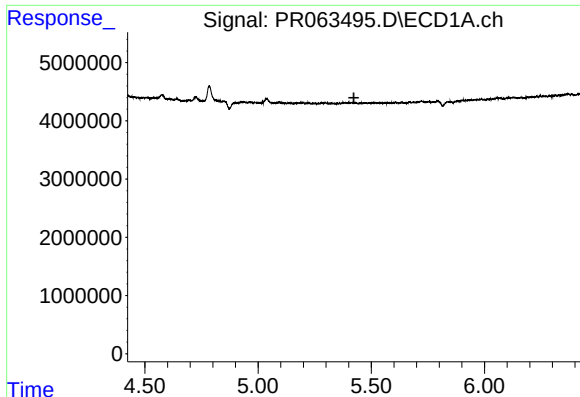
#6 AR-1016-4

R.T.: 5.040 min
Delta R.T.: -0.063 min
Response: 1728407
Conc: 12.59 ng/ml



#6 AR-1016-4

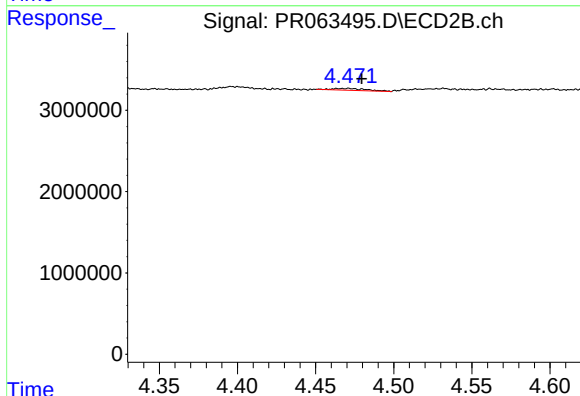
R.T.: 4.265 min
Delta R.T.: 0.004 min
Response: 77580
Conc: 1.15 ng/ml



#7 AR-1016-5

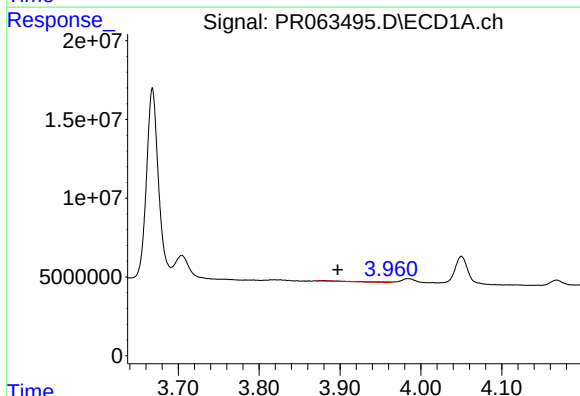
R.T.: 0.000 min
Exp R.T.: 5.423 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



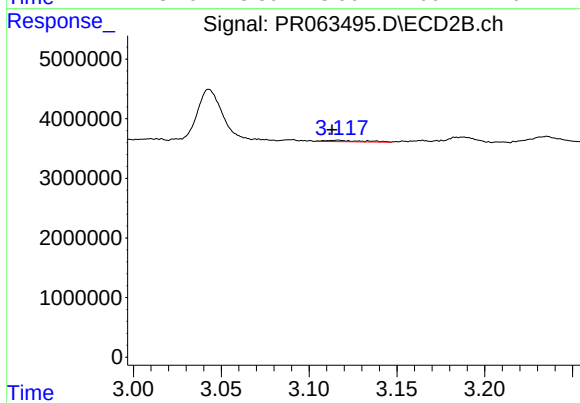
#7 AR-1016-5

R.T.: 4.471 min
Delta R.T.: -0.008 min
Response: 368856
Conc: 4.26 ng/ml



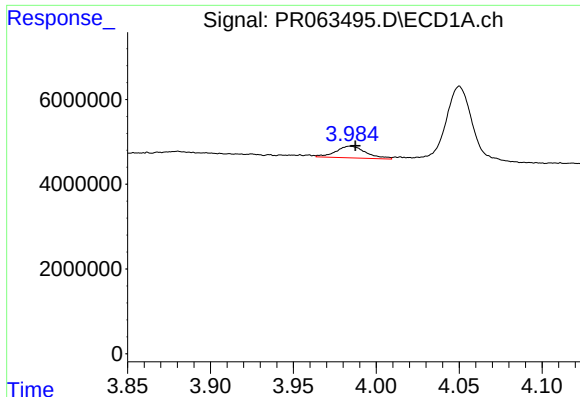
#8 AR-1221-1

R.T.: 3.880 min
Delta R.T.: -0.017 min
Response: 1030641
Conc: 14.20 ng/ml



#8 AR-1221-1

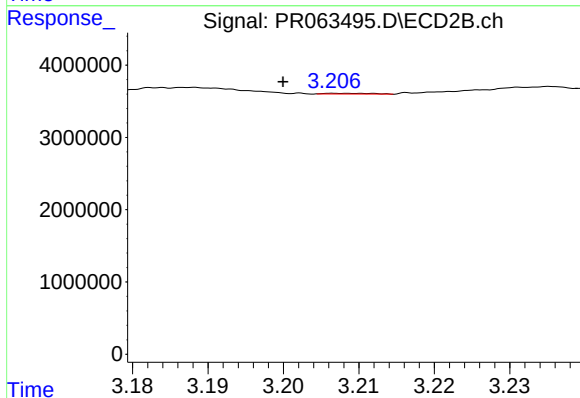
R.T.: 3.117 min
Delta R.T.: 0.004 min
Response: 312800
Conc: 8.45 ng/ml



#9 AR-1221-2

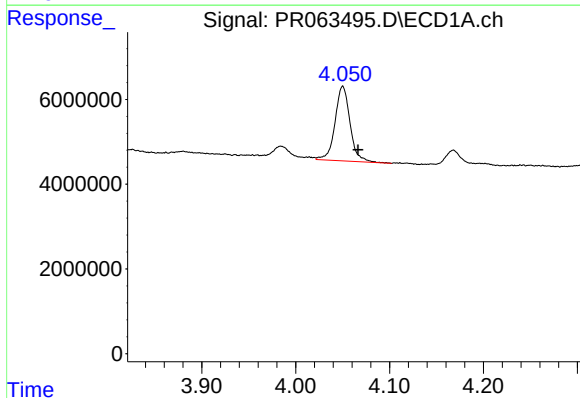
R.T.: 3.984 min
Delta R.T.: -0.003 min
Response: 3489761
Conc: 74.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



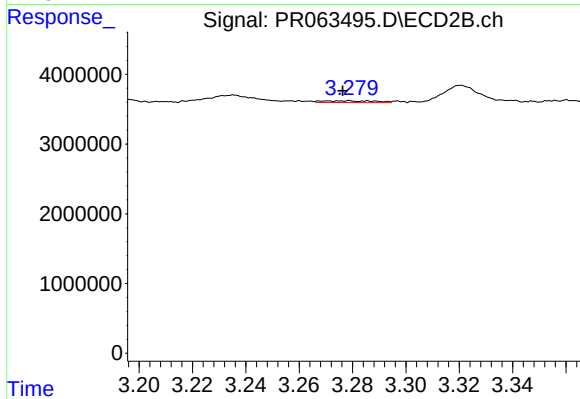
#9 AR-1221-2

R.T.: 3.208 min
Delta R.T.: 0.008 min
Response: 41068
Conc: 1.59 ng/ml



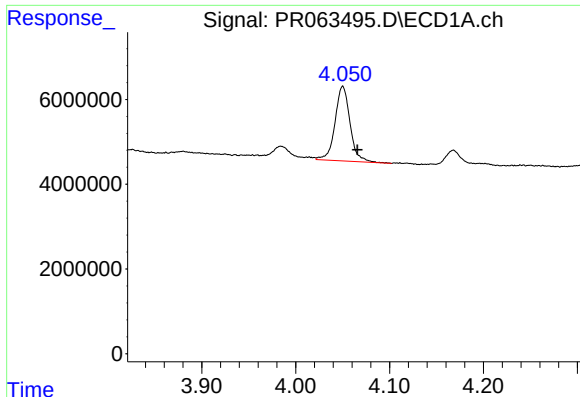
#10 AR-1221-3

R.T.: 4.050 min
Delta R.T.: -0.016 min
Response: 19627343
Conc: 121.64 ng/ml



#10 AR-1221-3

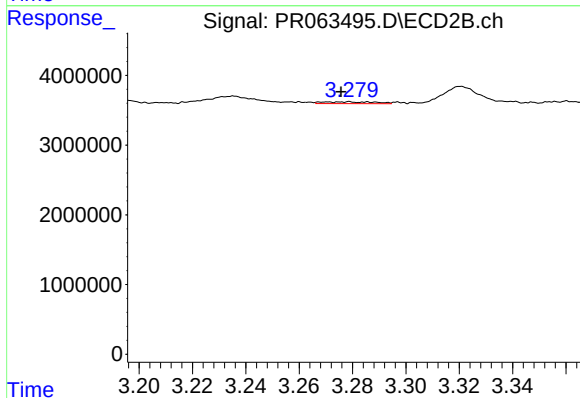
R.T.: 3.279 min
Delta R.T.: 0.002 min
Response: 361134
Conc: 3.77 ng/ml



#11 AR-1232-1

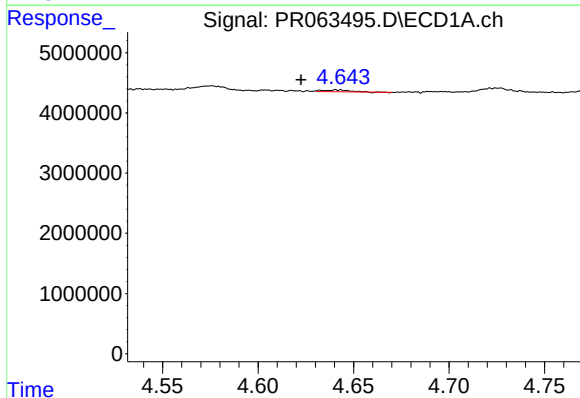
R.T.: 4.050 min
Delta R.T.: -0.016 min
Response: 19627343
Conc: 144.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



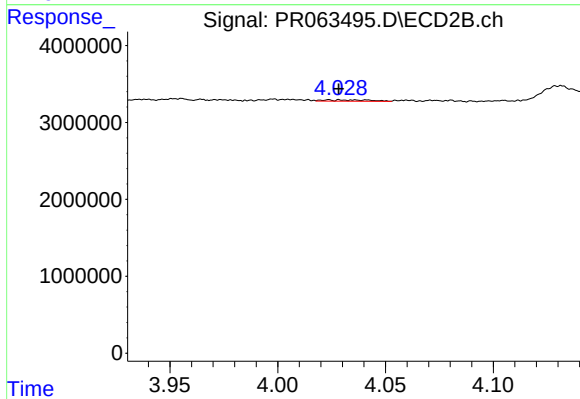
#11 AR-1232-1

R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 361134
Conc: 4.53 ng/ml



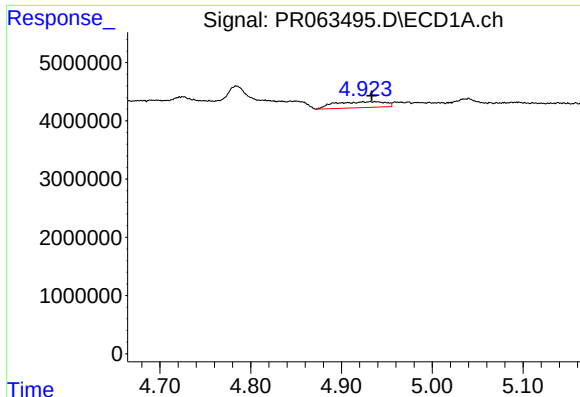
#12 AR-1232-2

R.T.: 4.641 min
Delta R.T.: 0.019 min
Response: 278257
Conc: 4.39 ng/ml



#12 AR-1232-2

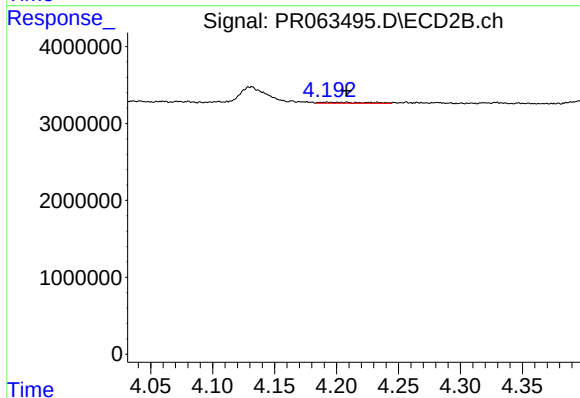
R.T.: 4.023 min
Delta R.T.: -0.005 min
Response: 260185
Conc: 3.48 ng/ml



#13 AR-1232-3

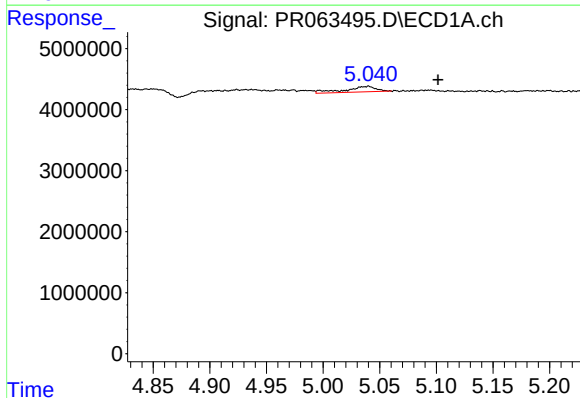
R.T.: 4.924 min
Delta R.T.: -0.010 min
Response: 3919037
Conc: 31.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



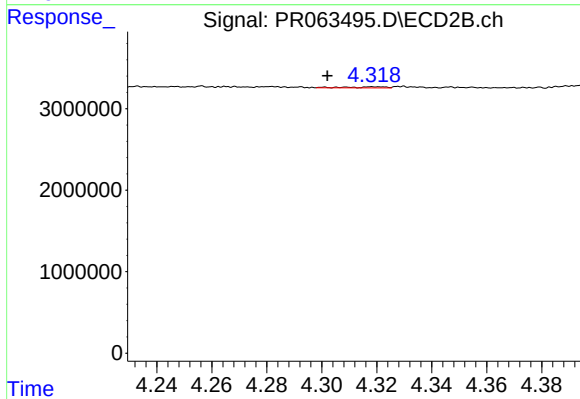
#13 AR-1232-3

R.T.: 4.193 min
Delta R.T.: -0.015 min
Response: 341149
Conc: 9.06 ng/ml



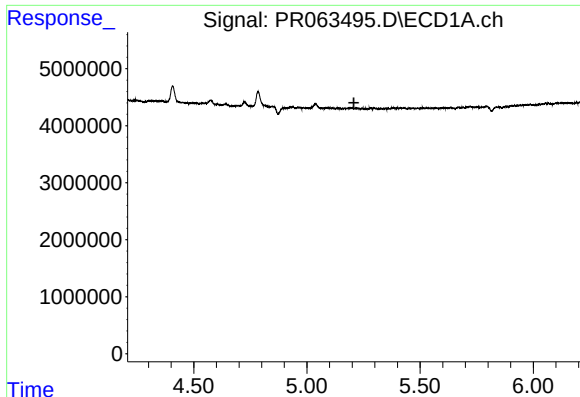
#14 AR-1232-4

R.T.: 5.040 min
Delta R.T.: -0.061 min
Response: 1728407
Conc: 28.53 ng/ml



#14 AR-1232-4

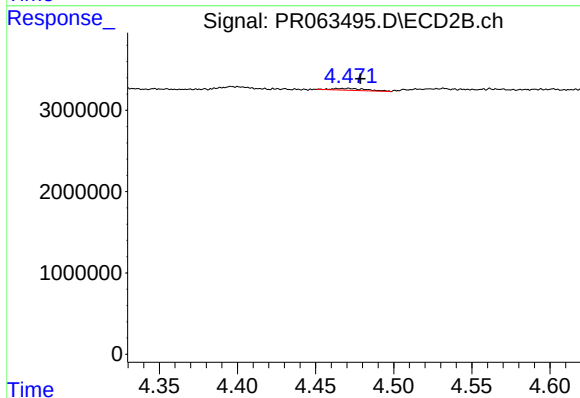
R.T.: 4.319 min
Delta R.T.: 0.017 min
Response: 123439
Conc: 3.89 ng/ml



#15 AR-1232-5

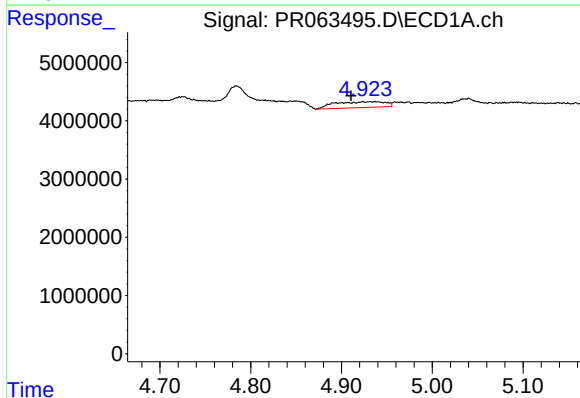
R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



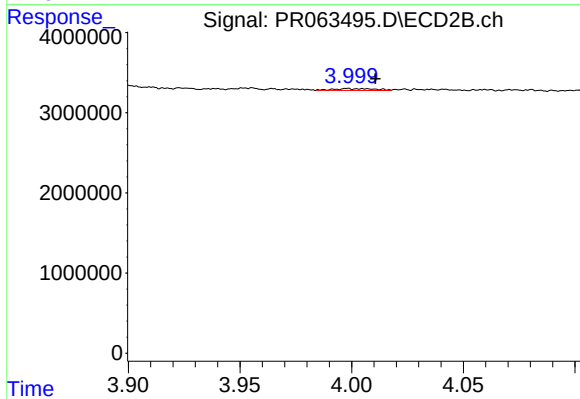
#15 AR-1232-5

R.T.: 4.471 min
Delta R.T.: -0.007 min
Response: 368856
Conc: 10.23 ng/ml



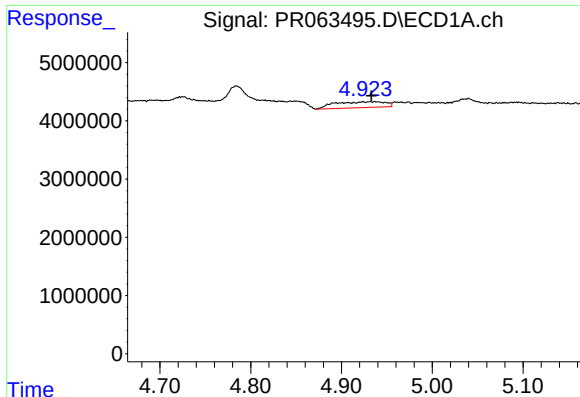
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.013 min
Response: 3919037
Conc: 23.51 ng/ml



#16 AR-1242-1

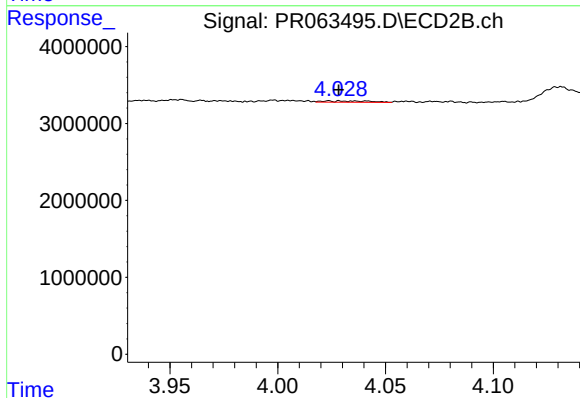
R.T.: 3.998 min
Delta R.T.: -0.013 min
Response: 298598
Conc: 3.13 ng/ml



#17 AR-1242-2

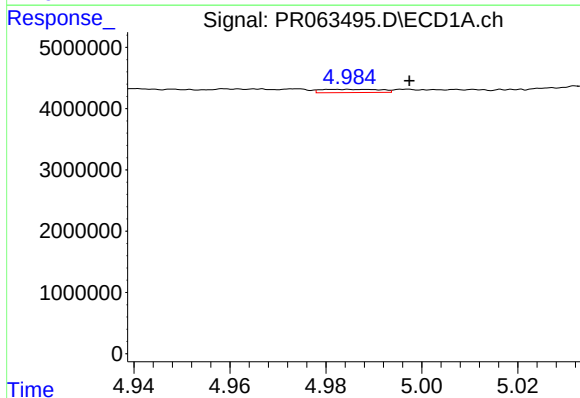
R.T.: 4.924 min
Delta R.T.: -0.009 min
Response: 3919037
Conc: 16.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



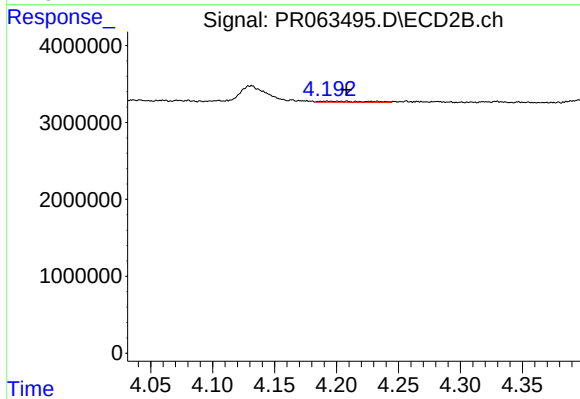
#17 AR-1242-2

R.T.: 4.023 min
Delta R.T.: -0.005 min
Response: 260185
Conc: 1.82 ng/ml



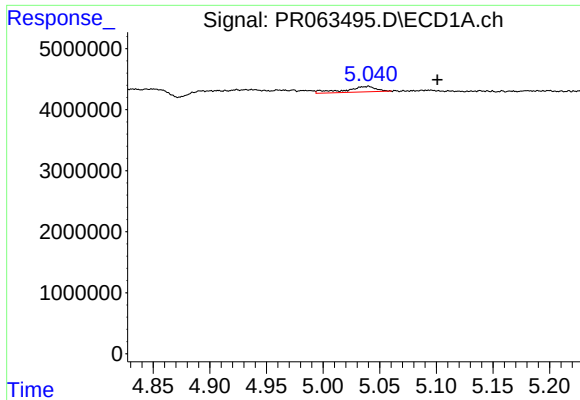
#18 AR-1242-3

R.T.: 4.983 min
Delta R.T.: -0.015 min
Response: 453192
Conc: 3.19 ng/ml



#18 AR-1242-3

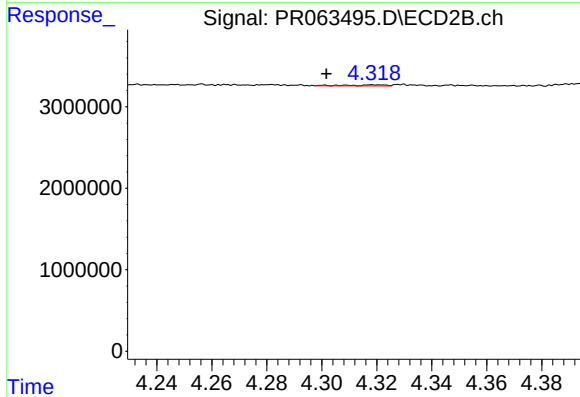
R.T.: 4.193 min
Delta R.T.: -0.016 min
Response: 341149
Conc: 4.66 ng/ml



#19 AR-1242-4

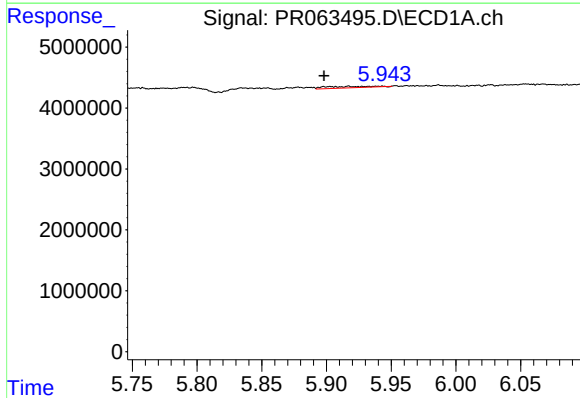
R.T.: 5.040 min
Delta R.T.: -0.061 min
Response: 1728407
Conc: 14.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



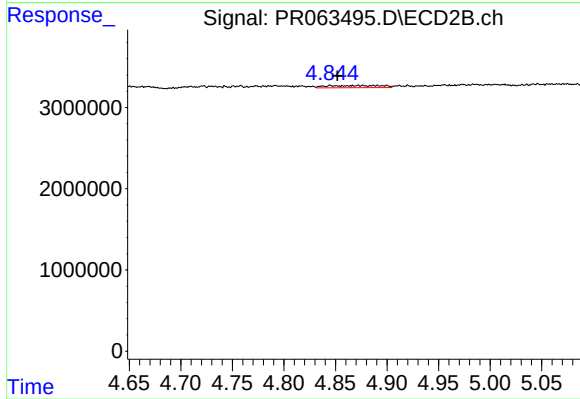
#19 AR-1242-4

R.T.: 4.319 min
Delta R.T.: 0.017 min
Response: 123439
Conc: 1.80 ng/ml



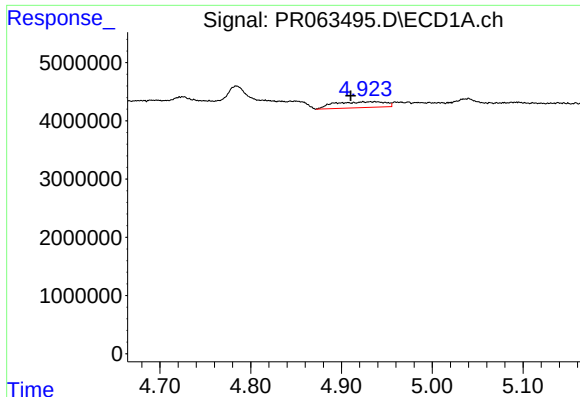
#20 AR-1242-5

R.T.: 5.917 min
Delta R.T.: 0.019 min
Response: 551877
Conc: 4.76 ng/ml



#20 AR-1242-5

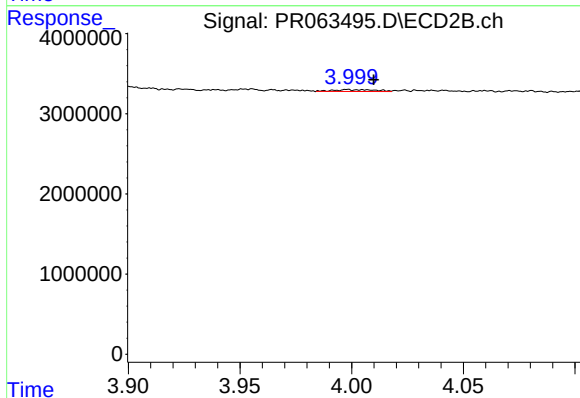
R.T.: 4.845 min
Delta R.T.: -0.007 min
Response: 987755
Conc: 11.29 ng/ml



#21 AR-1248-1

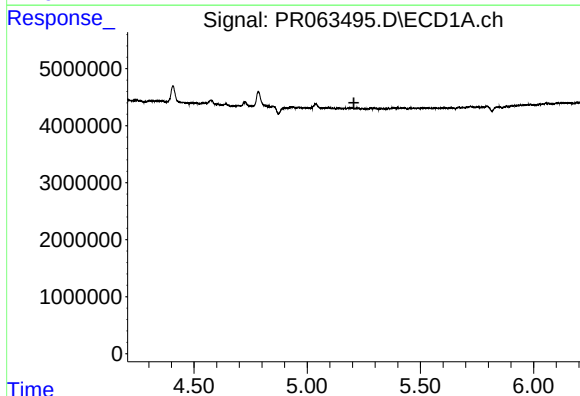
R.T.: 4.924 min
Delta R.T.: 0.013 min
Response: 3919037
Conc: 30.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



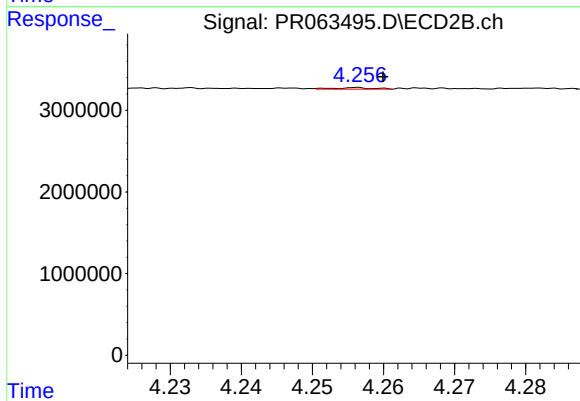
#21 AR-1248-1

R.T.: 3.998 min
Delta R.T.: -0.012 min
Response: 298598
Conc: 4.00 ng/ml



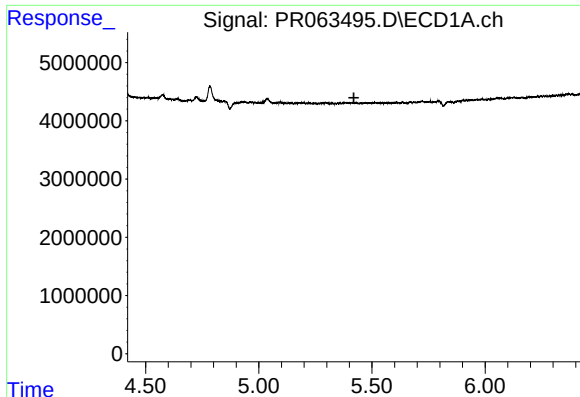
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.206 min
Response: 0
Conc: N.D.



#22 AR-1248-2

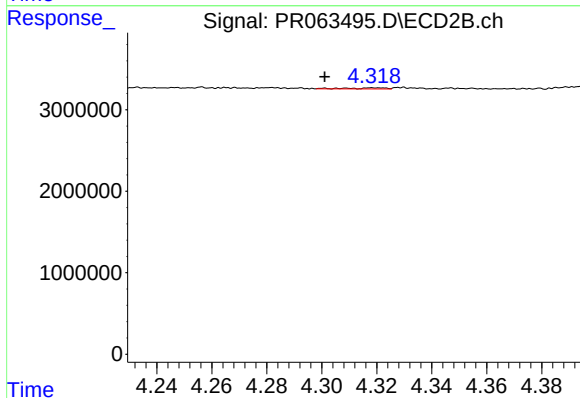
R.T.: 4.256 min
Delta R.T.: -0.004 min
Response: 71472
Conc: 0.67 ng/ml



#23 AR-1248-3

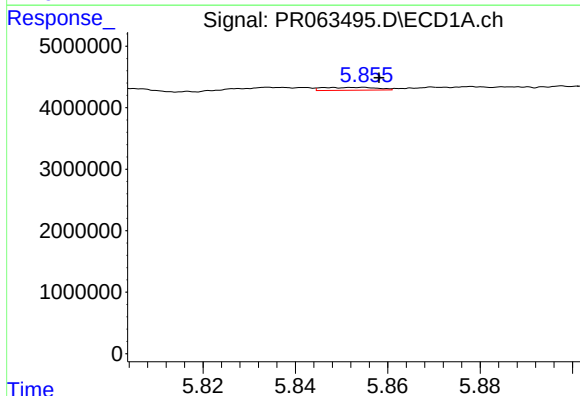
R.T.: 0.000 min
Exp R.T.: 5.420 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



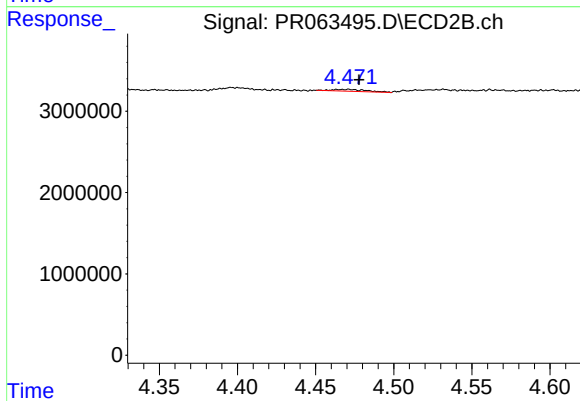
#23 AR-1248-3

R.T.: 4.319 min
Delta R.T.: 0.018 min
Response: 123439
Conc: 1.16 ng/ml



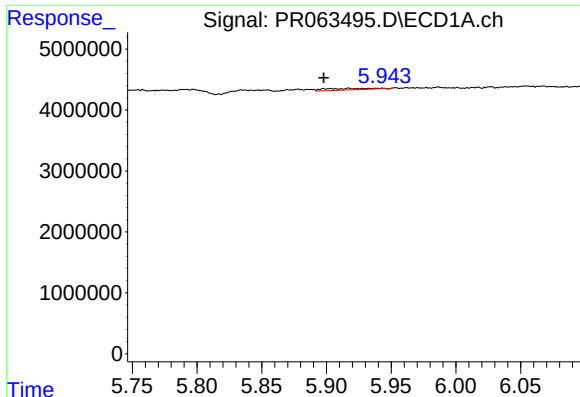
#24 AR-1248-4

R.T.: 5.854 min
Delta R.T.: -0.004 min
Response: 387183
Conc: 1.78 ng/ml



#24 AR-1248-4

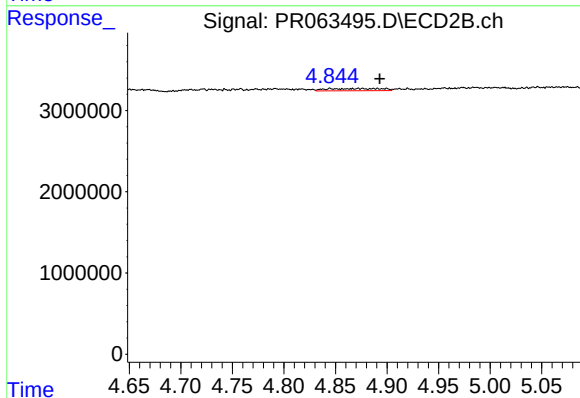
R.T.: 4.471 min
Delta R.T.: -0.007 min
Response: 368856
Conc: 2.84 ng/ml



#25 AR-1248-5

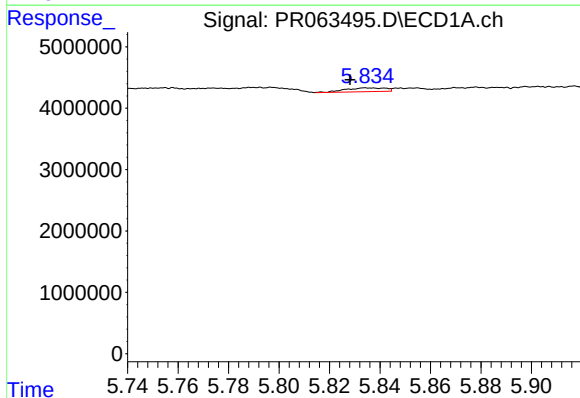
R.T.: 5.917 min
Delta R.T.: 0.019 min
Response: 551877
Conc: 2.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



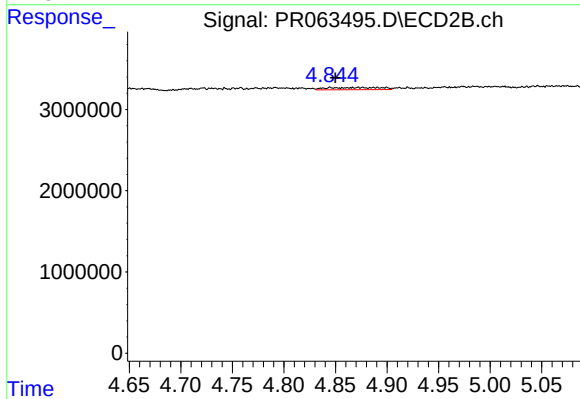
#25 AR-1248-5

R.T.: 4.845 min
Delta R.T.: -0.048 min
Response: 987755
Conc: 7.68 ng/ml



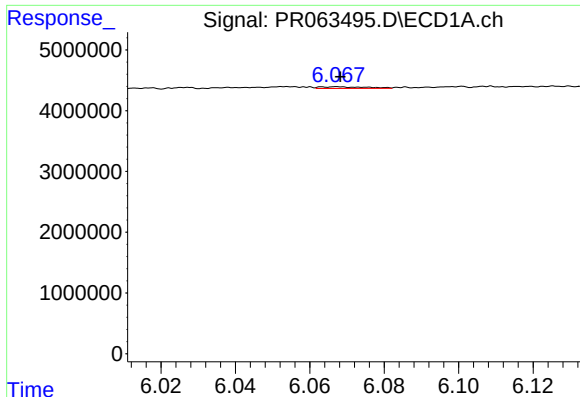
#26 AR-1254-1

R.T.: 5.835 min
Delta R.T.: 0.007 min
Response: 661344
Conc: 3.01 ng/ml



#26 AR-1254-1

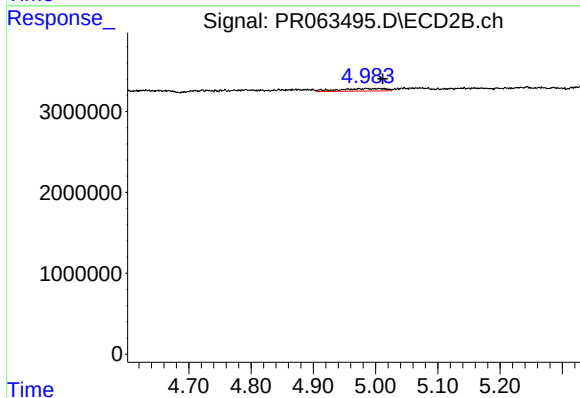
R.T.: 4.845 min
Delta R.T.: -0.005 min
Response: 987755
Conc: 5.00 ng/ml



#27 AR-1254-2

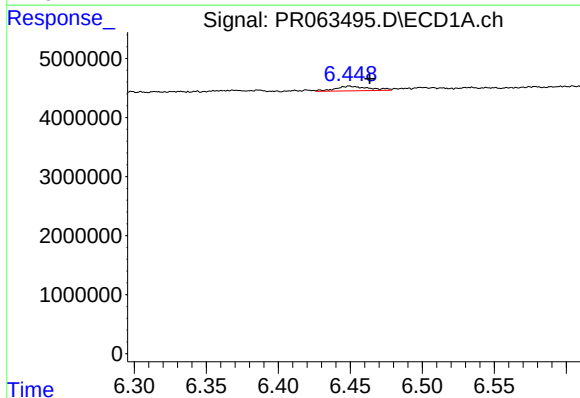
R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 235715
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



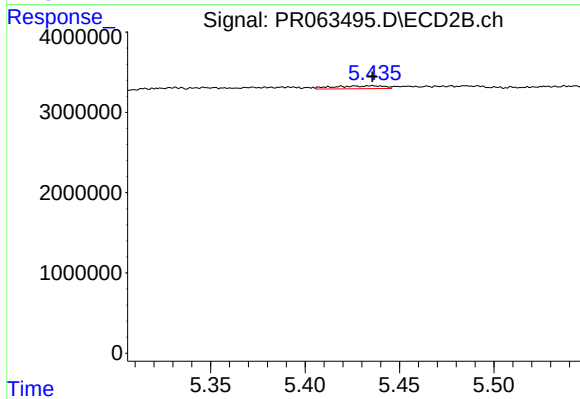
#27 AR-1254-2

R.T.: 5.004 min
Delta R.T.: -0.007 min
Response: 1628791
Conc: 9.64 ng/ml



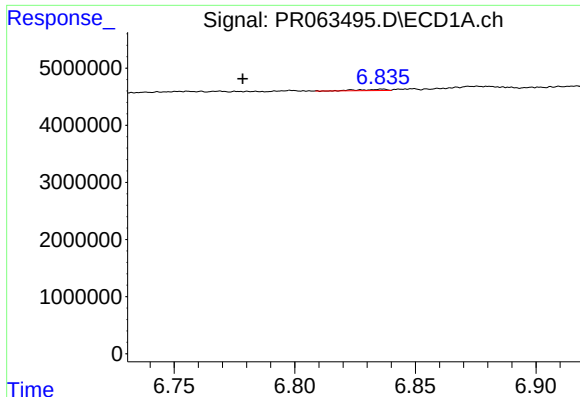
#28 AR-1254-3

R.T.: 6.450 min
Delta R.T.: -0.014 min
Response: 1251173
Conc: 3.71 ng/ml



#28 AR-1254-3

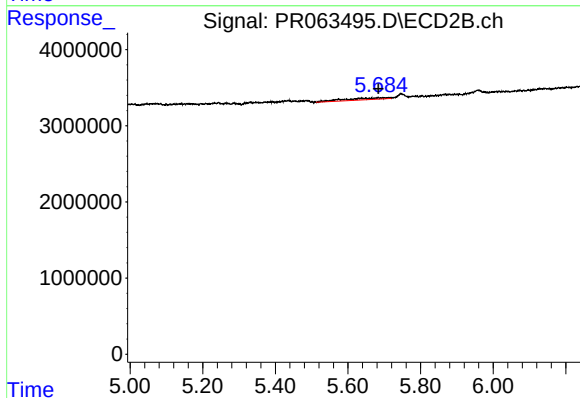
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 664361
Conc: 2.45 ng/ml



#29 AR-1254-4

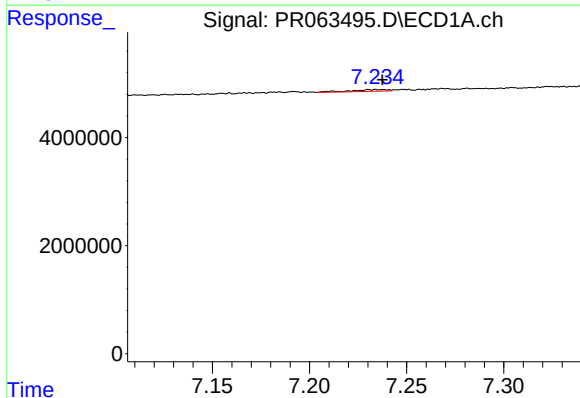
R.T.: 6.836 min
Delta R.T.: 0.058 min
Response: 173627
Conc: 0.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



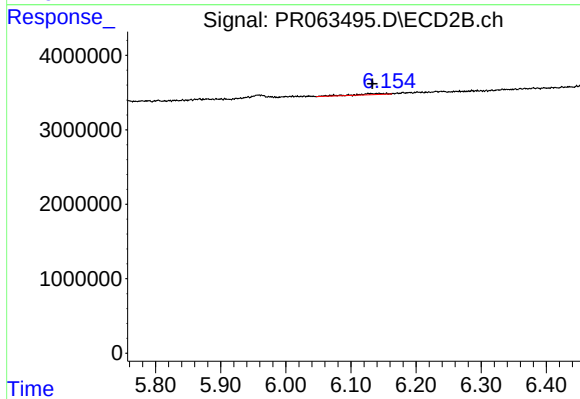
#29 AR-1254-4

R.T.: 5.713 min
Delta R.T.: 0.029 min
Response: 1841684
Conc: 10.98 ng/ml



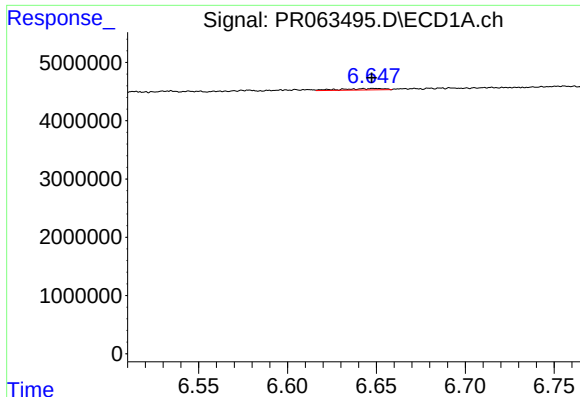
#30 AR-1254-5

R.T.: 7.235 min
Delta R.T.: -0.003 min
Response: 443231
Conc: 1.81 ng/ml



#30 AR-1254-5

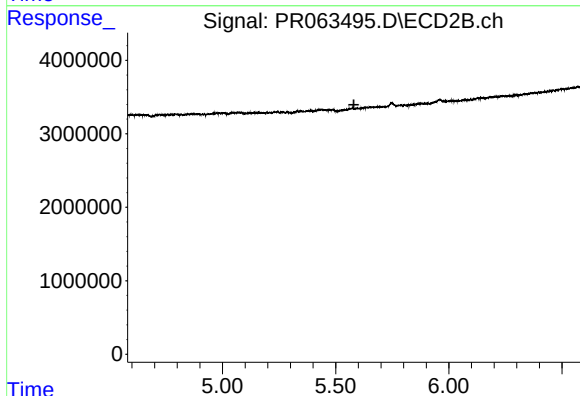
R.T.: 6.144 min
Delta R.T.: 0.011 min
Response: 557671
Conc: 2.40 ng/ml



#31 AR-1260-1

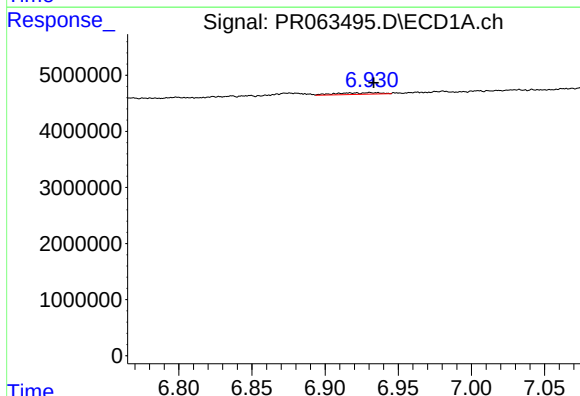
R.T.: 6.643 min
Delta R.T.: -0.005 min
Response: 439119
Conc: 1.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



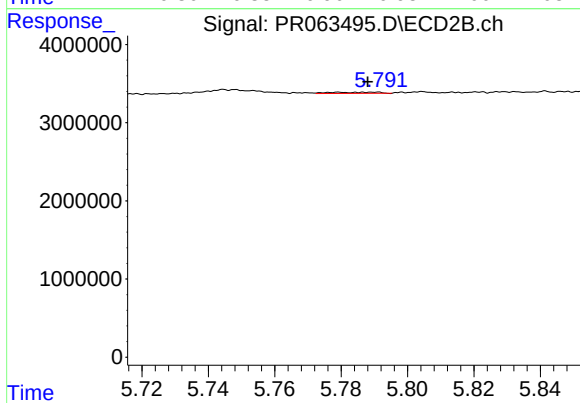
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.580 min
Response: 0
Conc: N.D.



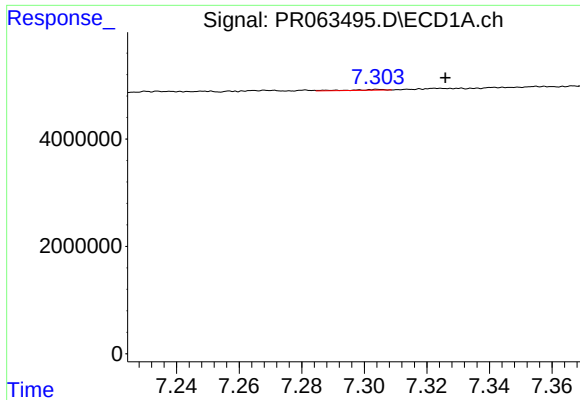
#32 AR-1260-2

R.T.: 6.931 min
Delta R.T.: -0.003 min
Response: 615148
Conc: 2.24 ng/ml



#32 AR-1260-2

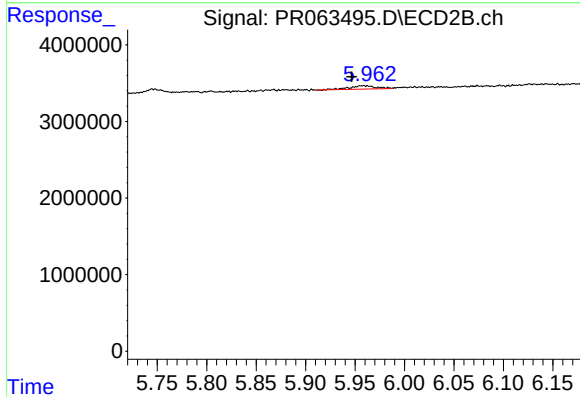
R.T.: 5.780 min
Delta R.T.: -0.008 min
Response: 155448
Conc: 0.73 ng/ml



#33 AR-1260-3

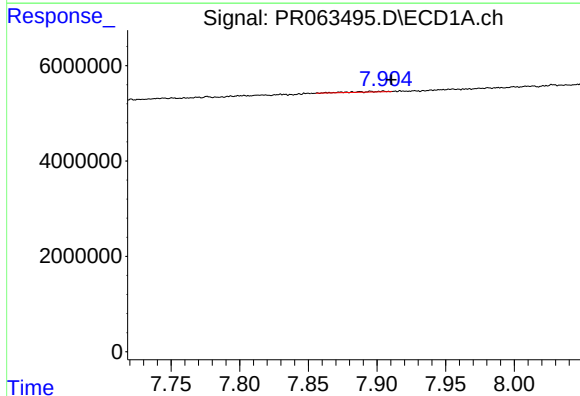
R.T.: 7.304 min
Delta R.T.: -0.021 min
Response: 91149
Conc: 0.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



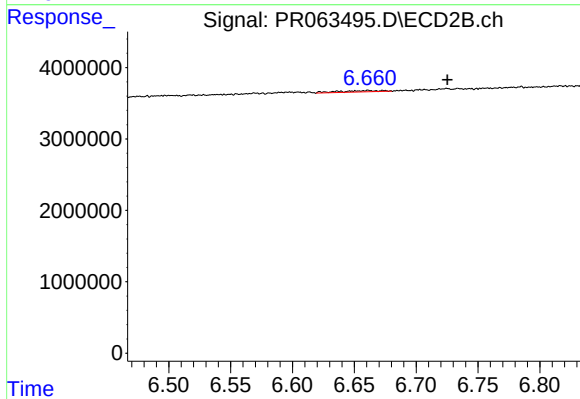
#33 AR-1260-3

R.T.: 5.959 min
Delta R.T.: 0.012 min
Response: 830636
Conc: 4.17 ng/ml



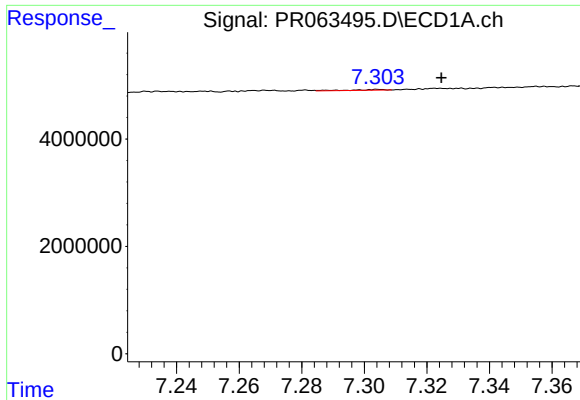
#35 AR-1260-5

R.T.: 7.905 min
Delta R.T.: -0.006 min
Response: 192352
Conc: 0.44 ng/ml



#35 AR-1260-5

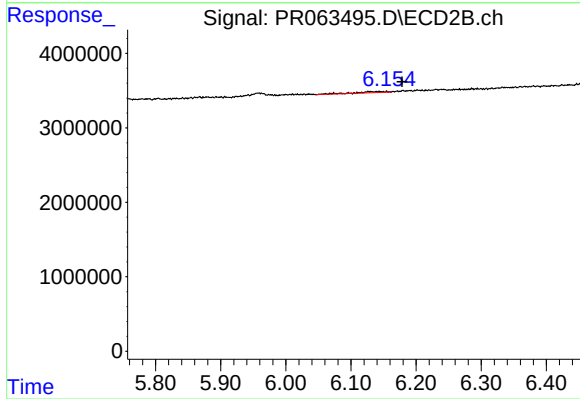
R.T.: 6.661 min
Delta R.T.: -0.064 min
Response: 454495
Conc: 1.15 ng/ml



#36 AR-1262-1

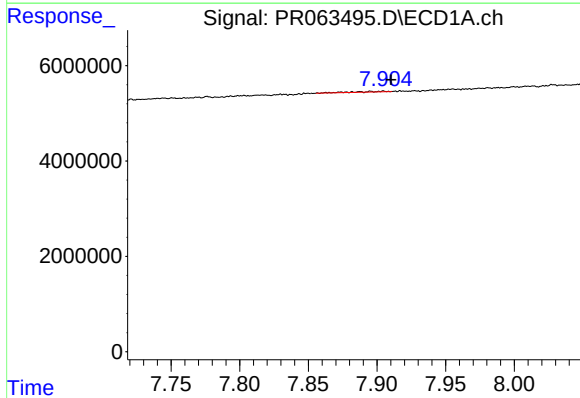
R.T.: 7.304 min
Delta R.T.: -0.020 min
Response: 91149
Conc: 0.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



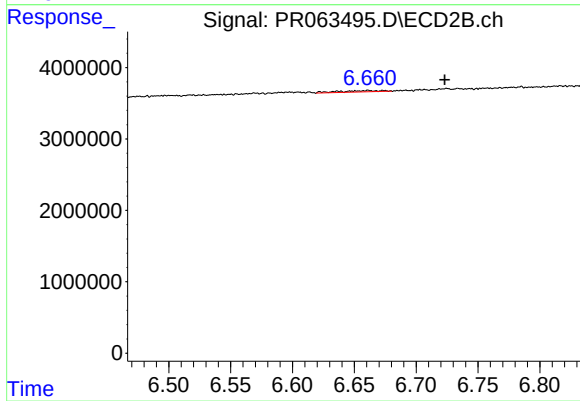
#36 AR-1262-1

R.T.: 6.144 min
Delta R.T.: -0.035 min
Response: 557671
Conc: 2.21 ng/ml



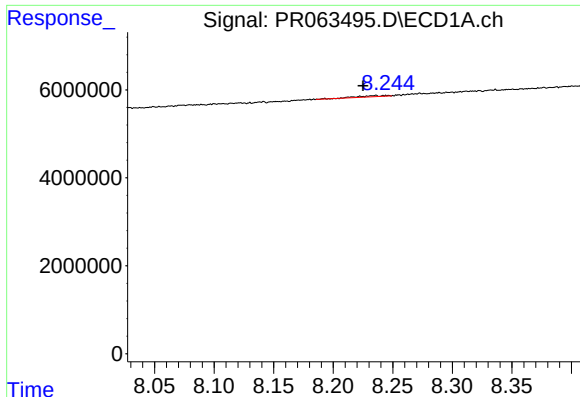
#37 AR-1262-2

R.T.: 7.905 min
Delta R.T.: -0.006 min
Response: 192352
Conc: 0.38 ng/ml



#37 AR-1262-2

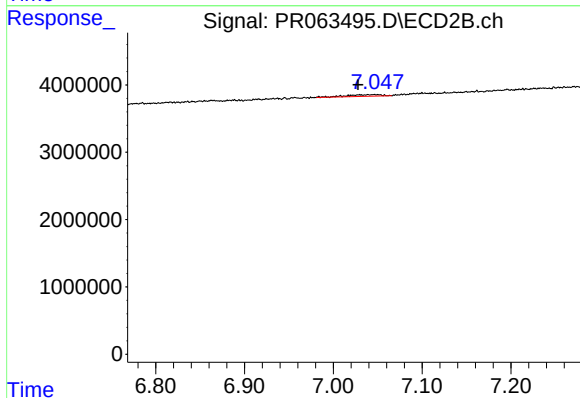
R.T.: 6.661 min
Delta R.T.: -0.062 min
Response: 454495
Conc: 0.99 ng/ml



#38 AR-1262-3

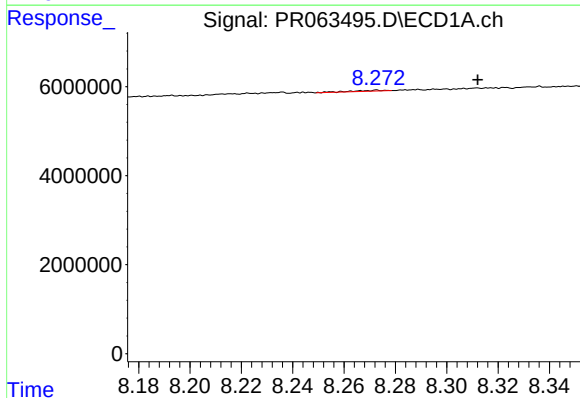
R.T.: 8.235 min
Delta R.T.: 0.010 min
Response: 386853
Conc: 1.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



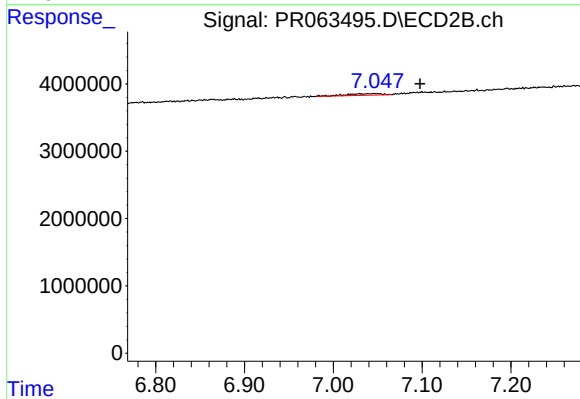
#38 AR-1262-3

R.T.: 7.047 min
Delta R.T.: 0.019 min
Response: 639324
Conc: 3.59 ng/ml



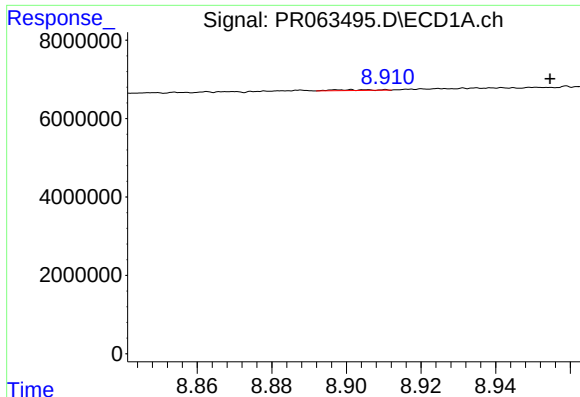
#39 AR-1262-4

R.T.: 8.273 min
Delta R.T.: -0.039 min
Response: 167000
Conc: 0.67 ng/ml



#39 AR-1262-4

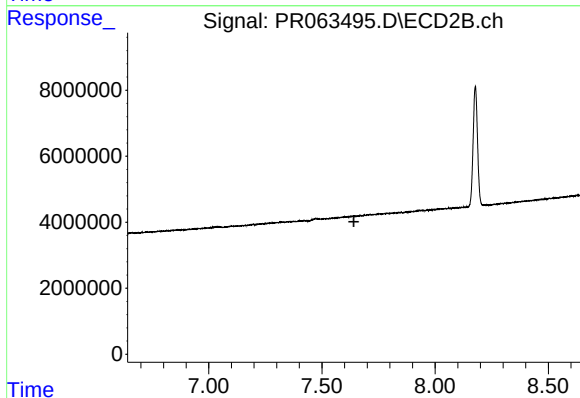
R.T.: 7.047 min
Delta R.T.: -0.051 min
Response: 639324
Conc: 1.90 ng/ml



#40 AR-1262-5

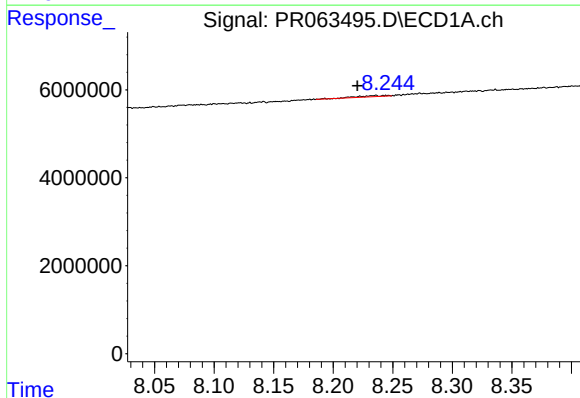
R.T.: 8.898 min
Delta R.T.: -0.057 min
Response: 147989
Conc: 0.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



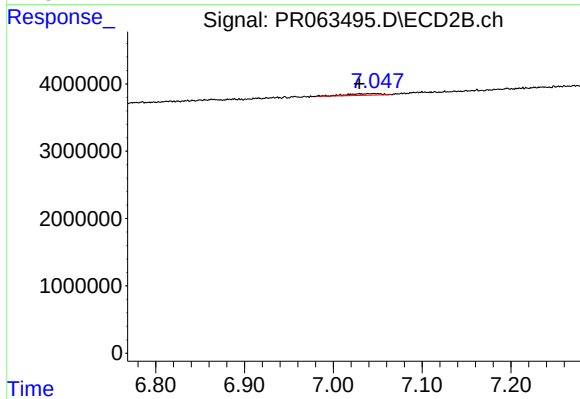
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.641 min
Response: 0
Conc: N.D.



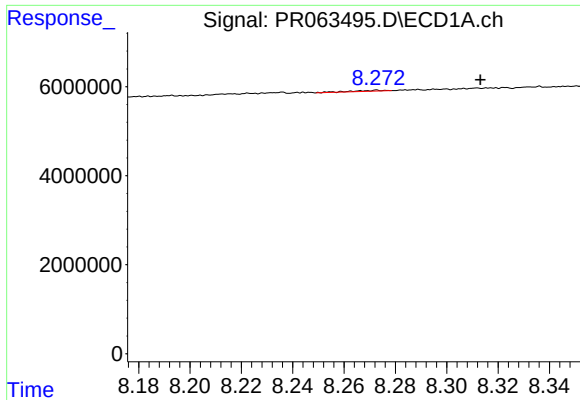
#41 AR-1268-1

R.T.: 8.235 min
Delta R.T.: 0.015 min
Response: 386853
Conc: 0.64 ng/ml



#41 AR-1268-1

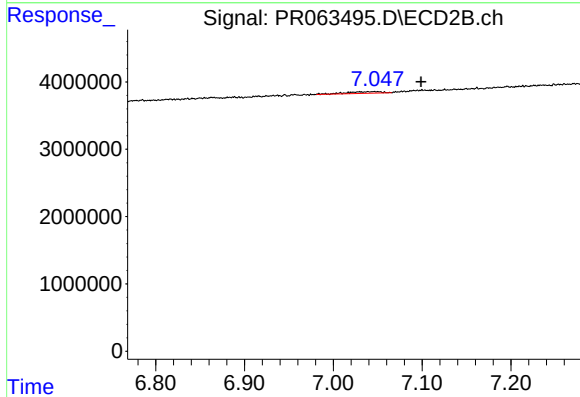
R.T.: 7.047 min
Delta R.T.: 0.018 min
Response: 639324
Conc: 1.18 ng/ml



#42 AR-1268-2

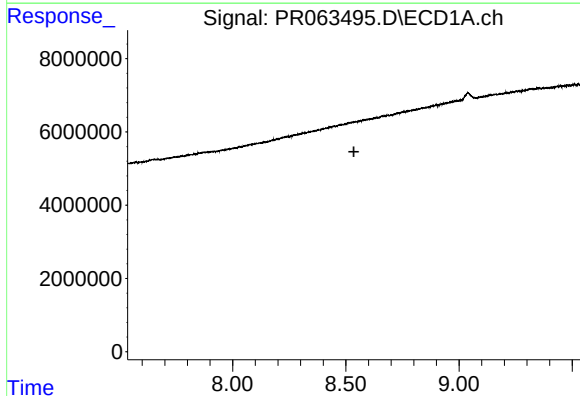
R.T.: 8.273 min
Delta R.T.: -0.040 min
Response: 167000
Conc: 0.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



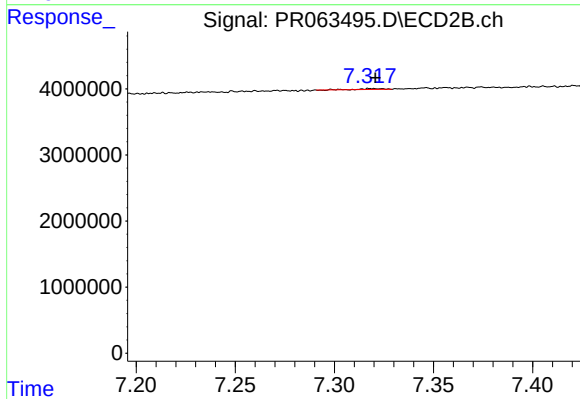
#42 AR-1268-2

R.T.: 7.047 min
Delta R.T.: -0.052 min
Response: 639324
Conc: 1.30 ng/ml



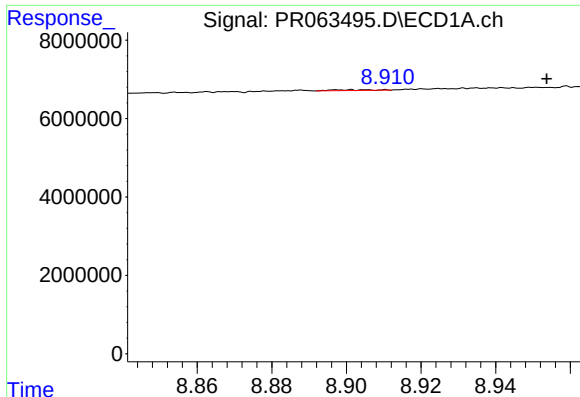
#43 AR-1268-3

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



#43 AR-1268-3

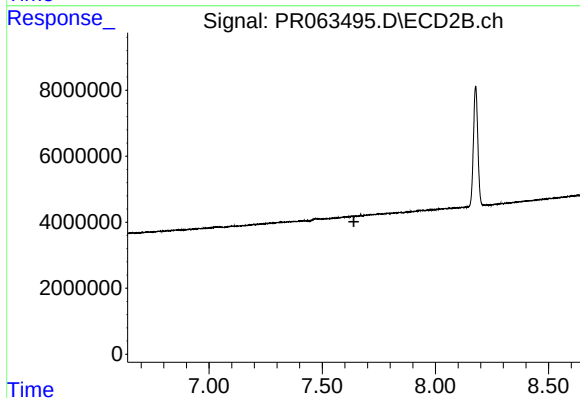
R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 94684
Conc: 0.23 ng/ml



#44 AR-1268-4

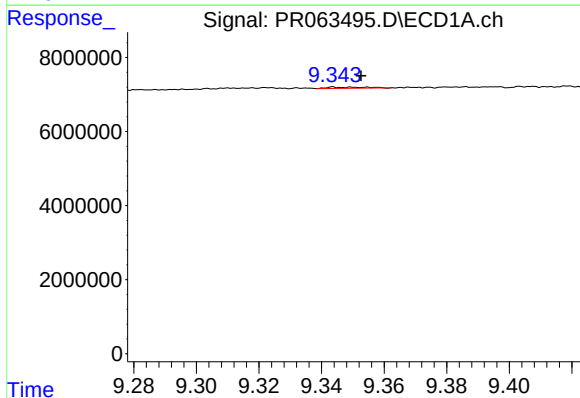
R.T.: 8.898 min
Delta R.T.: -0.056 min
Response: 147989
Conc: 0.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



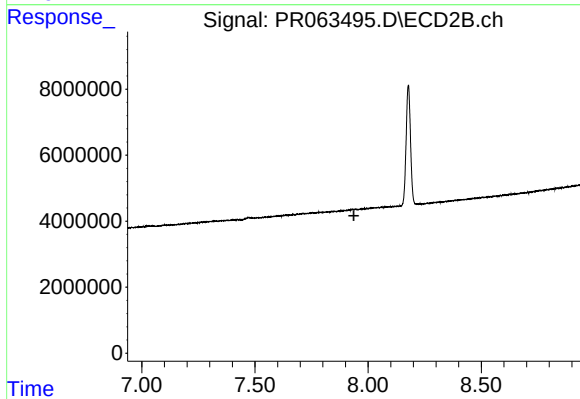
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.640 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: -0.008 min
Response: 281489
Conc: 0.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.937 min
Response: 0
Conc: N.D.