

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101923\
 Data File : PR064091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2023 18:55
 Operator : AJ\MA
 Sample : 04952-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 21:50:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 13 05:04:13 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...	3.736	3.024	156.4E6	94081878	21.844	22.794
2)	SA Decachlor...	9.756	8.420	93453079	57329370	20.006	18.887
Target Compounds							
3)	L1 AR-1016-1	5.001	4.171	1451065	287380	6.746	1.977 #
4)	L1 AR-1016-2	5.001	4.200	1451065	610035	4.429	3.052 #
5)	L1 AR-1016-3	5.091	4.395	3350306	207918	16.195	1.886 #
6)	L1 AR-1016-4	5.145	4.426	3794014	179481	23.293	2.074 #
7)	L1 AR-1016-5	5.536f	4.651	-144698	2052072	N.D.	17.962 #
8)	L2 AR-1221-1	4.022f	3.246	4982129	910678	60.987	16.821 #
9)	L2 AR-1221-2	4.052	3.336	2855859	1045265	52.535	26.992 #
10)	L2 AR-1221-3	4.147	3.423	2210051	944745	12.314	7.533 #
11)	L3 AR-1232-1	4.147	3.423	2210051	944745	14.866	9.023 #
12)	L3 AR-1232-2	4.668	4.200	3193452	610035	39.179	6.537 #
13)	L3 AR-1232-3	5.001	4.395	1451065	207918	9.694	4.108 #
14)	L3 AR-1232-4	5.145	4.468	3794014	66386	52.009	1.454 #
15)	L3 AR-1232-5	5.295	4.651	888720	2052072	16.257	40.705 #
16)	L4 AR-1242-1	5.001	4.171	1451065	287380	8.035	2.338 #
17)	L4 AR-1242-2	5.001	4.200	1451065	610035	5.288	3.626 #
18)	L4 AR-1242-3	5.091	4.395	3350306	207918	19.052	2.235 #
19)	L4 AR-1242-4	5.145	4.468	3794014	66386	27.756	0.730 #
20)	L4 AR-1242-5	5.975	5.024	379171	2271334	2.561	20.491 #
21)	L5 AR-1248-1	5.001	4.171	1451065	287380	10.520	3.046 #
22)	L5 AR-1248-2	5.295	4.426	888720	179481	4.538	1.378 #
24)	L5 AR-1248-4	5.903	4.651	677854	2052072	2.738	12.758 #
25)	L5 AR-1248-5	5.975	5.065	379171	9319548	1.513	61.633 #
26)	L6 AR-1254-1	5.903	5.024	677854	2271334	2.704	9.849 #
27)	L6 AR-1254-2	6.141	5.190	4002749	3803109	10.523	19.207 #
28)	L6 AR-1254-3	6.522	5.621	632576	2784707	1.624	8.895 #
29)	L6 AR-1254-4	6.855	5.883	440028	7043905	1.645	37.486 #
30)	L6 AR-1254-5	7.296	6.331	2274677	846051	7.737	3.101 #
31)	L7 AR-1260-1	6.656f	5.764	504207	1283046	1.697	5.714 #
32)	L7 AR-1260-2	7.003	5.984	2681338	4556045	7.753	17.277 #
33)	L7 AR-1260-3	7.417	6.146	4792631	3585824	18.654	14.181
34)	L7 AR-1260-4	7.640	6.695	786737	303202	2.784	1.537 #
35)	L7 AR-1260-5	8.010	6.926	7403449	1678442	13.713	3.953 #
36)	L8 AR-1262-1	7.417	6.385	4792631	1049085	12.730	3.604 #
37)	L8 AR-1262-2	8.010	6.926	7403449	1678442	12.027	3.596 #
38)	L8 AR-1262-3	0.000	7.201f	0	411977	N.D.	2.256 #
39)	L8 AR-1262-4	0.000	7.302	0	152112	N.D.	0.452 #
40)	L8 AR-1262-5	8.991f	7.871	453250	66190	2.062	0.453 #
41)	L9 AR-1268-1	0.000	7.201f	0	411977	N.D.	0.792 #
42)	L9 AR-1268-2	0.000	7.302	0	152112	N.D.	0.322 #

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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	8.640	7.536	8249020	81991	14.321	0.205 #
44) L9	AR-1268-4	8.991	7.871	453250	66190	1.938	0.407 #
45) L9	AR-1268-5	0.000	8.154	0	542983	N.D.	0.464 #

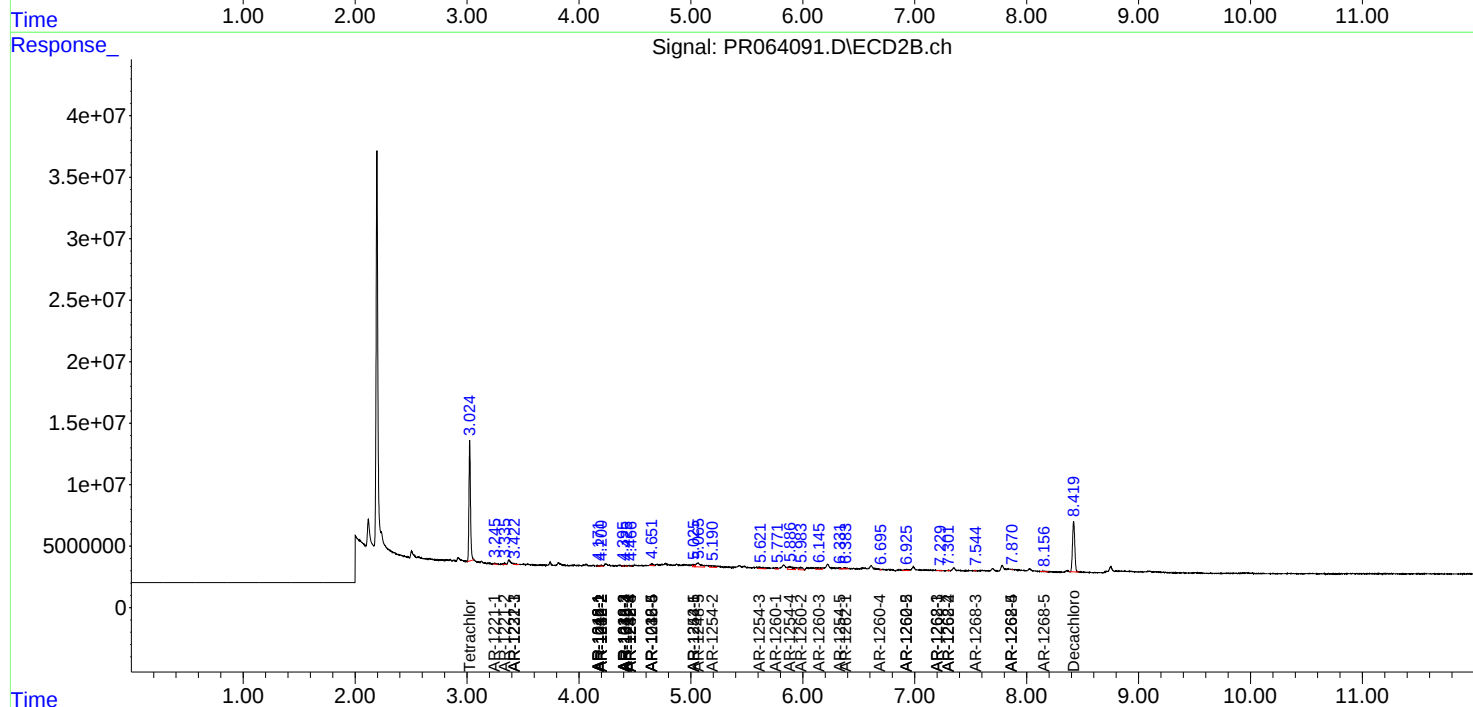
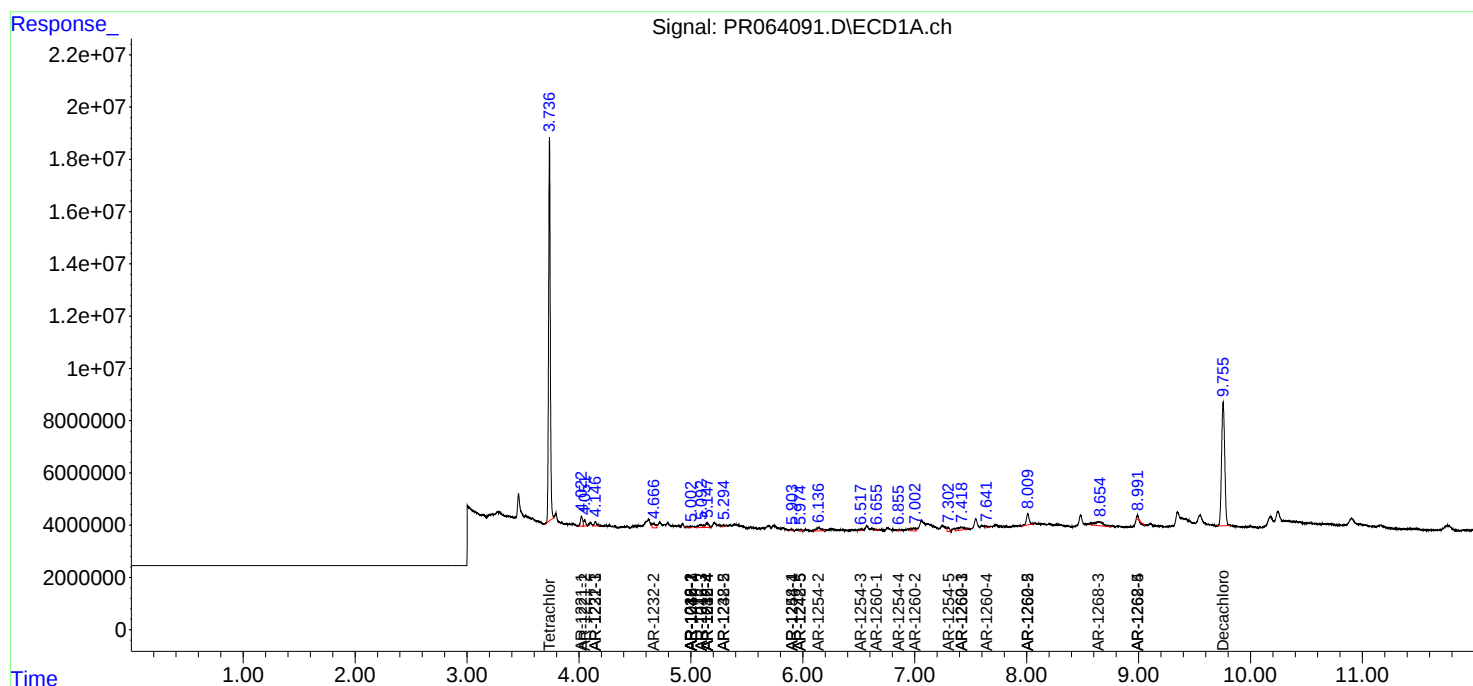
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

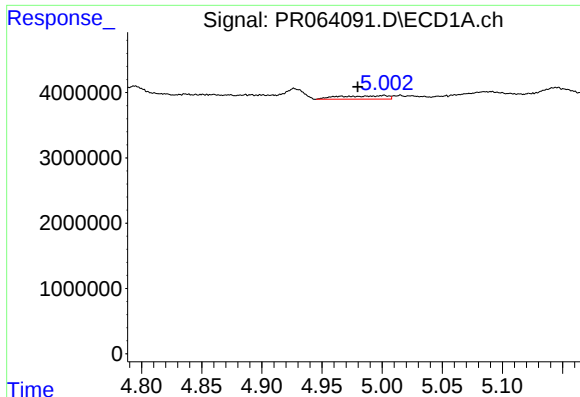
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

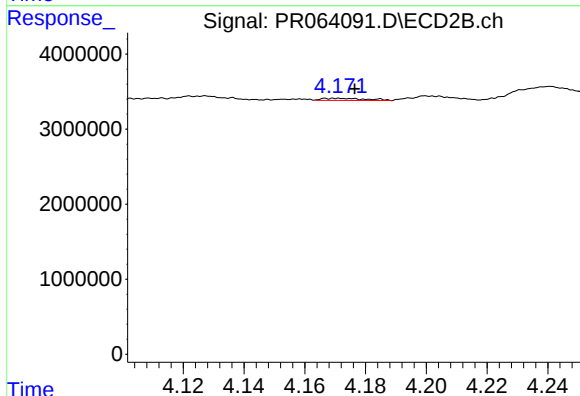




#3 AR-1016-1

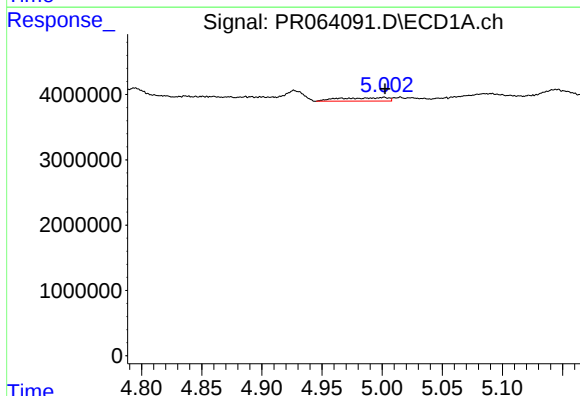
R.T.: 5.001 min
Delta R.T.: 0.022 min
Response: 1451065
Conc: 6.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



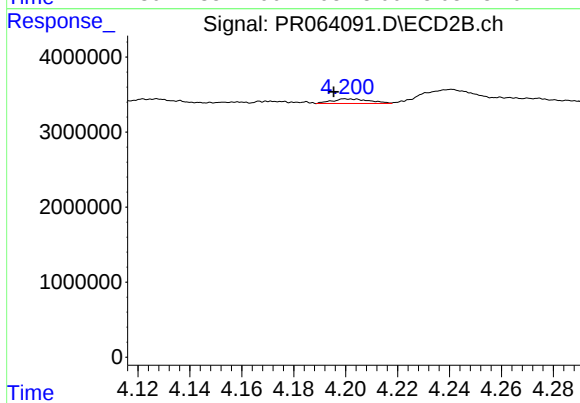
#3 AR-1016-1

R.T.: 4.171 min
Delta R.T.: -0.005 min
Response: 287380
Conc: 1.98 ng/ml



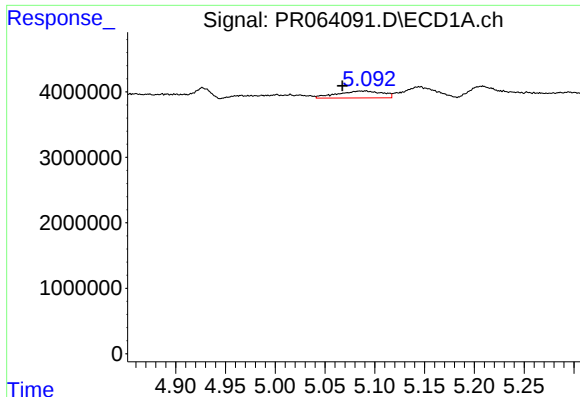
#4 AR-1016-2

R.T.: 5.001 min
Delta R.T.: -0.001 min
Response: 1451065
Conc: 4.43 ng/ml



#4 AR-1016-2

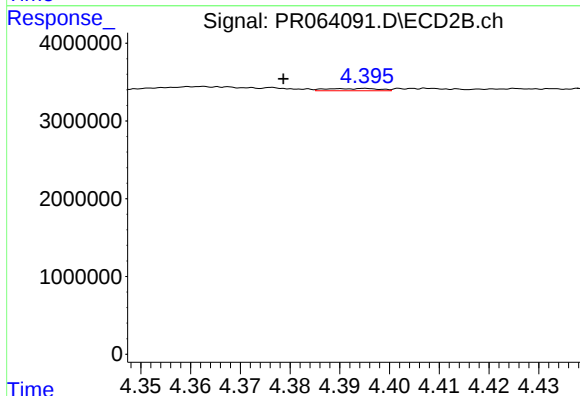
R.T.: 4.200 min
Delta R.T.: 0.005 min
Response: 610035
Conc: 3.05 ng/ml



#5 AR-1016-3

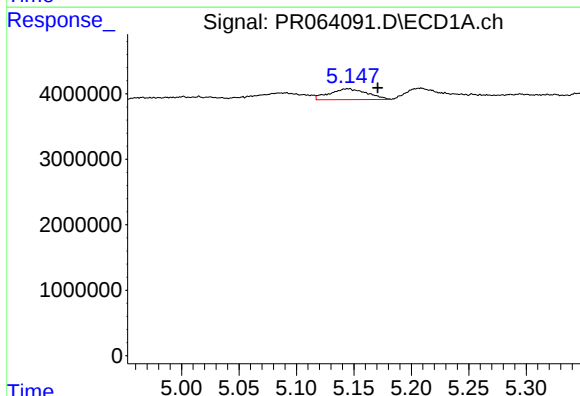
R.T.: 5.091 min
Delta R.T.: 0.023 min
Response: 3350306
Conc: 16.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



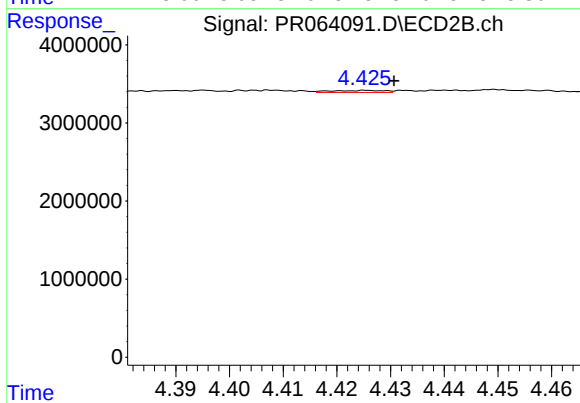
#5 AR-1016-3

R.T.: 4.395 min
Delta R.T.: 0.016 min
Response: 207918
Conc: 1.89 ng/ml



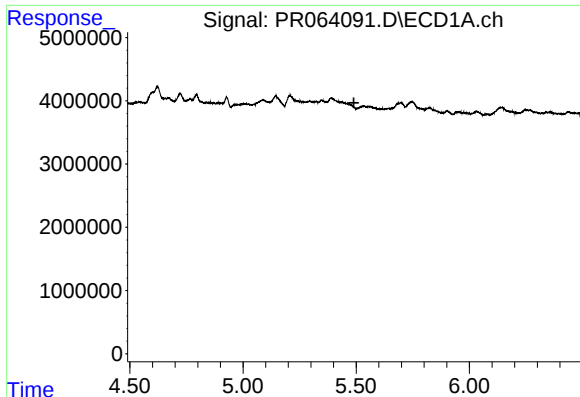
#6 AR-1016-4

R.T.: 5.145 min
Delta R.T.: -0.025 min
Response: 3794014
Conc: 23.29 ng/ml



#6 AR-1016-4

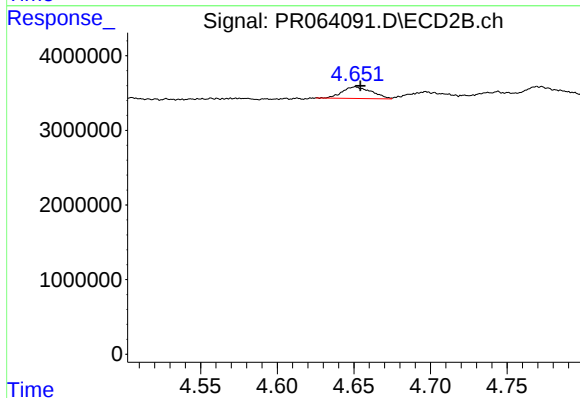
R.T.: 4.426 min
Delta R.T.: -0.005 min
Response: 179481
Conc: 2.07 ng/ml



#7 AR-1016-5

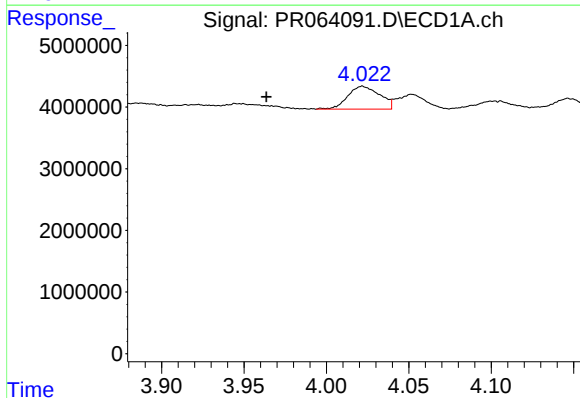
R.T.: 5.536 min
Delta R.T.: 0.046 min
Response: -144698
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



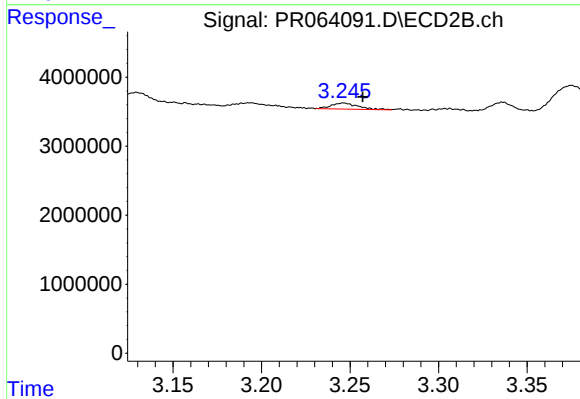
#7 AR-1016-5

R.T.: 4.651 min
Delta R.T.: -0.003 min
Response: 2052072
Conc: 17.96 ng/ml



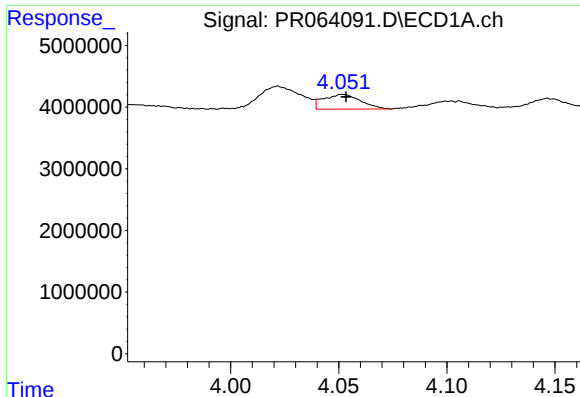
#8 AR-1221-1

R.T.: 4.022 min
Delta R.T.: 0.058 min
Response: 4982129
Conc: 60.99 ng/ml



#8 AR-1221-1

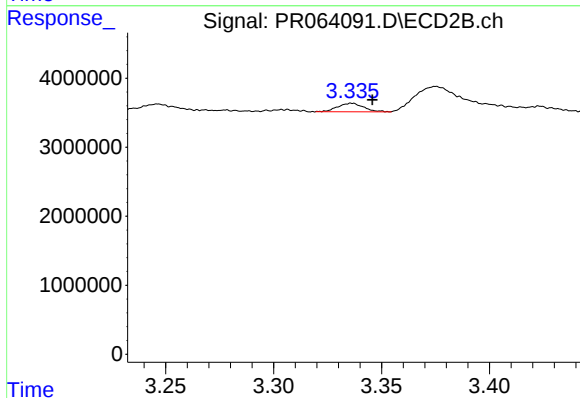
R.T.: 3.246 min
Delta R.T.: -0.011 min
Response: 910678
Conc: 16.82 ng/ml



#9 AR-1221-2

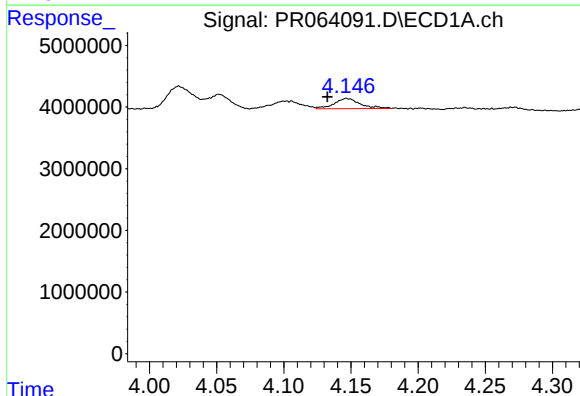
R.T.: 4.052 min
Delta R.T.: -0.001 min
Response: 2855859
Conc: 52.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



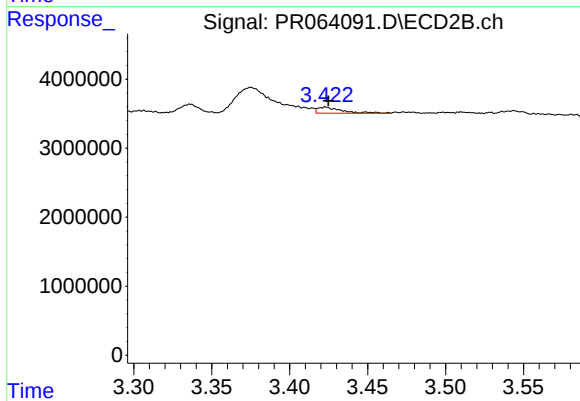
#9 AR-1221-2

R.T.: 3.336 min
Delta R.T.: -0.010 min
Response: 1045265
Conc: 26.99 ng/ml



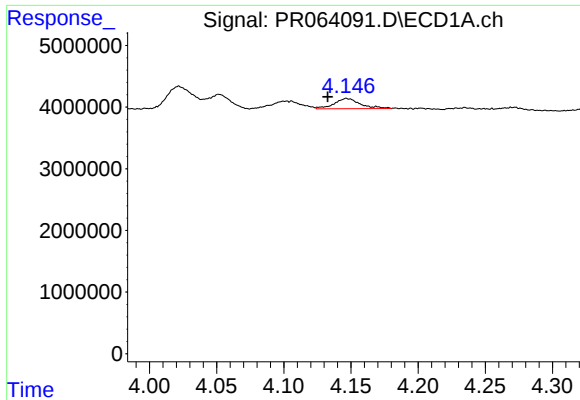
#10 AR-1221-3

R.T.: 4.147 min
Delta R.T.: 0.014 min
Response: 2210051
Conc: 12.31 ng/ml



#10 AR-1221-3

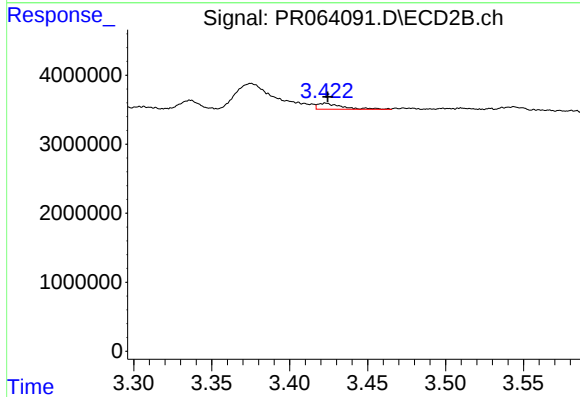
R.T.: 3.423 min
Delta R.T.: -0.002 min
Response: 944745
Conc: 7.53 ng/ml



#11 AR-1232-1

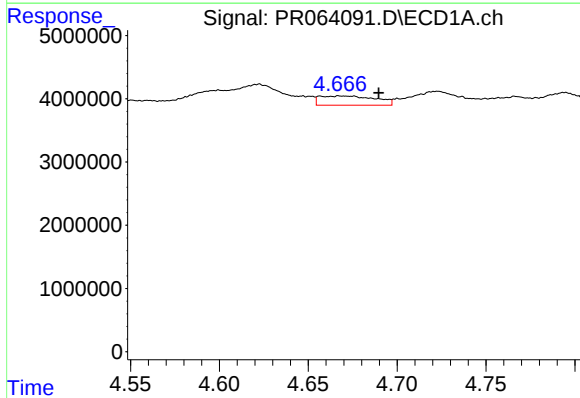
R.T.: 4.147 min
Delta R.T.: 0.014 min
Response: 2210051
Conc: 14.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



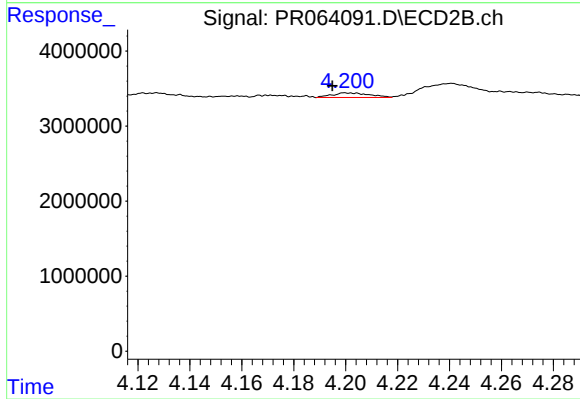
#11 AR-1232-1

R.T.: 3.423 min
Delta R.T.: -0.001 min
Response: 944745
Conc: 9.02 ng/ml



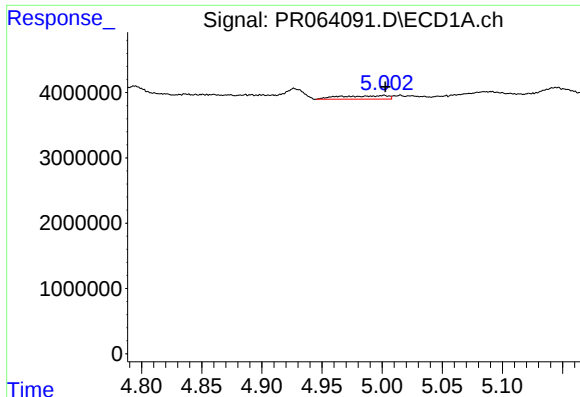
#12 AR-1232-2

R.T.: 4.668 min
Delta R.T.: -0.022 min
Response: 3193452
Conc: 39.18 ng/ml



#12 AR-1232-2

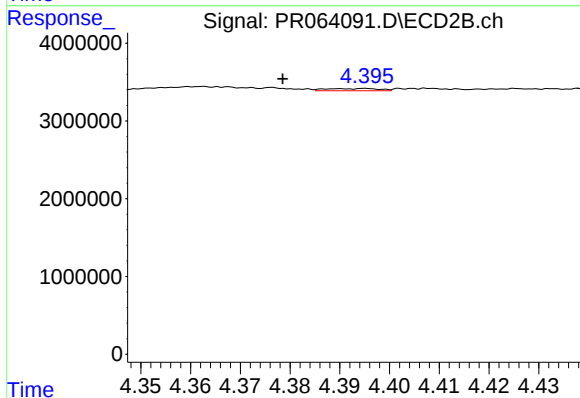
R.T.: 4.200 min
Delta R.T.: 0.006 min
Response: 610035
Conc: 6.54 ng/ml



#13 AR-1232-3

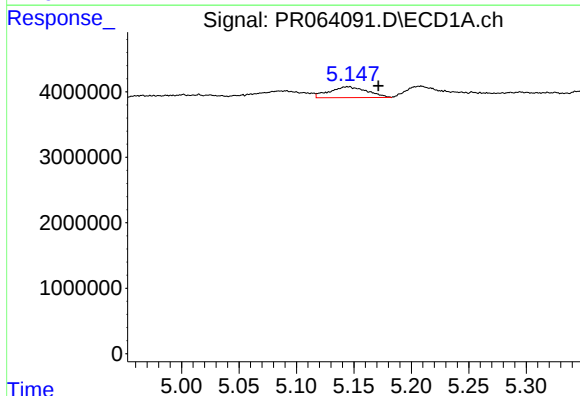
R.T.: 5.001 min
Delta R.T.: -0.001 min
Response: 1451065
Conc: 9.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



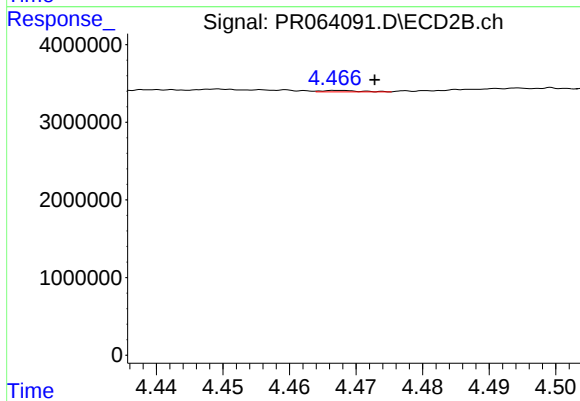
#13 AR-1232-3

R.T.: 4.395 min
Delta R.T.: 0.016 min
Response: 207918
Conc: 4.11 ng/ml



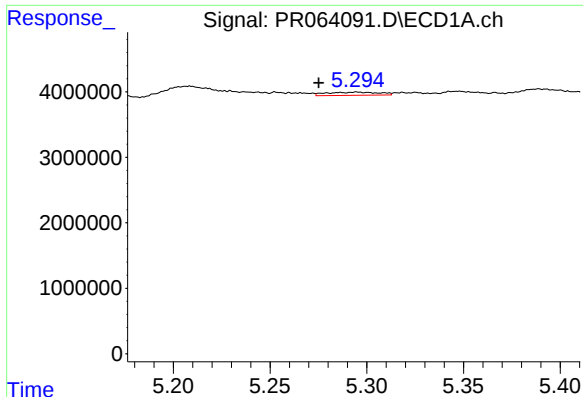
#14 AR-1232-4

R.T.: 5.145 min
Delta R.T.: -0.026 min
Response: 3794014
Conc: 52.01 ng/ml



#14 AR-1232-4

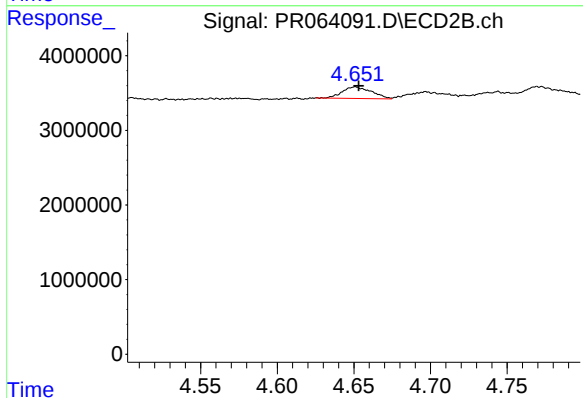
R.T.: 4.468 min
Delta R.T.: -0.005 min
Response: 66386
Conc: 1.45 ng/ml



#15 AR-1232-5

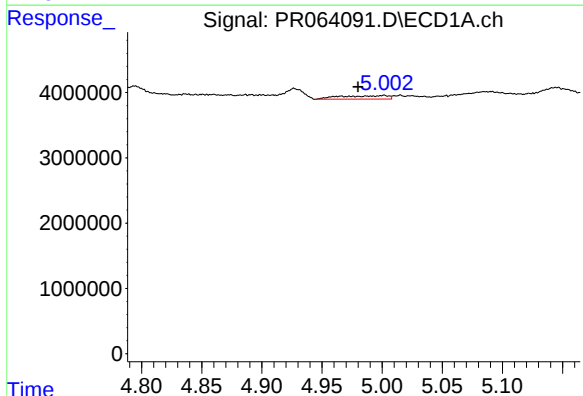
R.T.: 5.295 min
Delta R.T.: 0.020 min
Response: 888720
Conc: 16.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



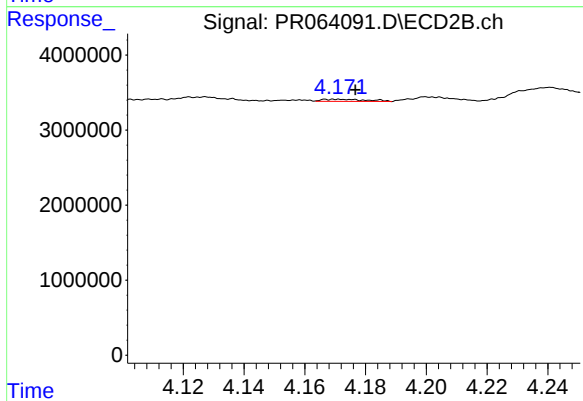
#15 AR-1232-5

R.T.: 4.651 min
Delta R.T.: -0.002 min
Response: 2052072
Conc: 40.70 ng/ml



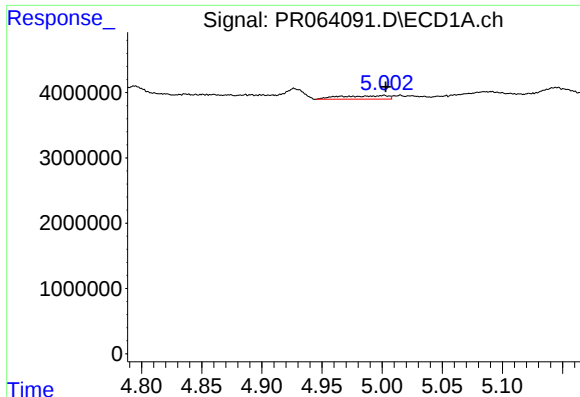
#16 AR-1242-1

R.T.: 5.001 min
Delta R.T.: 0.021 min
Response: 1451065
Conc: 8.04 ng/ml



#16 AR-1242-1

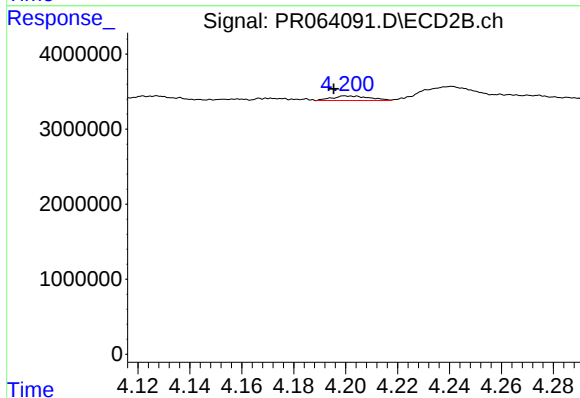
R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 287380
Conc: 2.34 ng/ml



#17 AR-1242-2

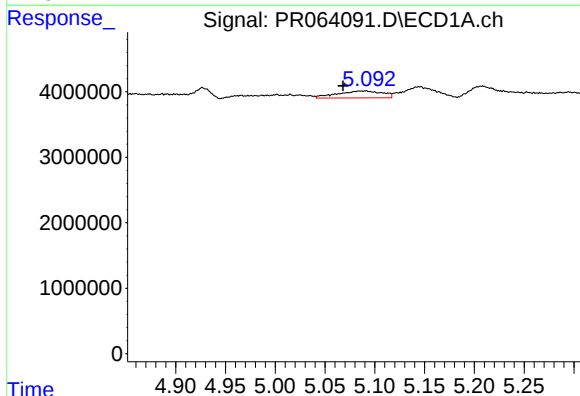
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 1451065
Conc: 5.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



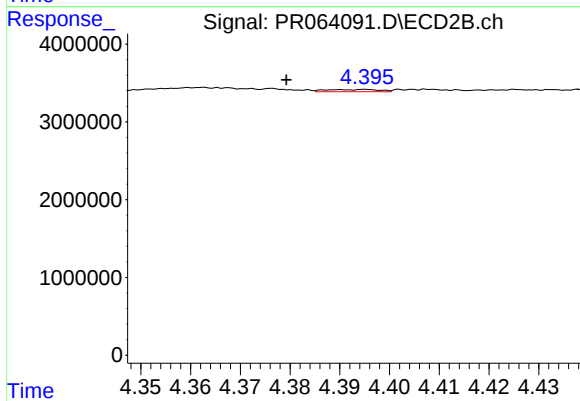
#17 AR-1242-2

R.T.: 4.200 min
Delta R.T.: 0.005 min
Response: 610035
Conc: 3.63 ng/ml



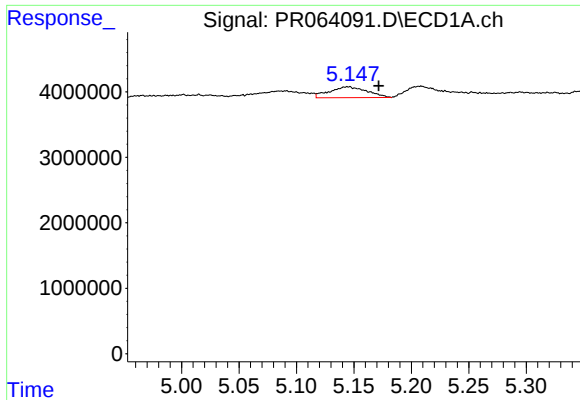
#18 AR-1242-3

R.T.: 5.091 min
Delta R.T.: 0.023 min
Response: 3350306
Conc: 19.05 ng/ml



#18 AR-1242-3

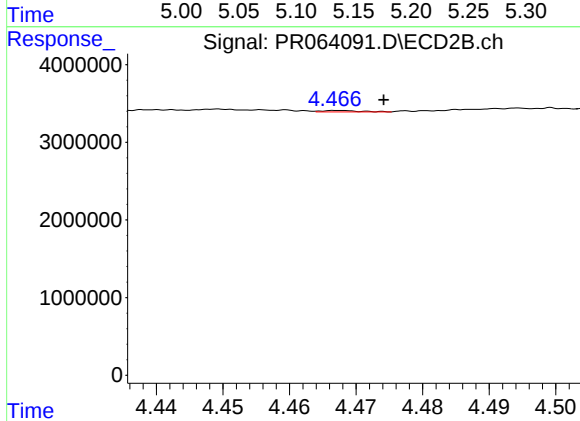
R.T.: 4.395 min
Delta R.T.: 0.016 min
Response: 207918
Conc: 2.24 ng/ml



#19 AR-1242-4

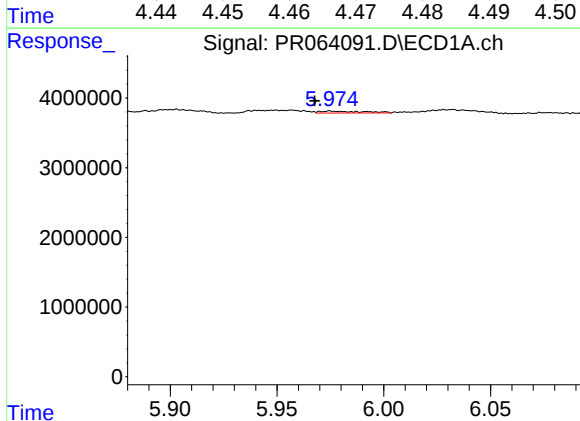
R.T.: 5.145 min
Delta R.T.: -0.027 min
Response: 3794014
Conc: 27.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



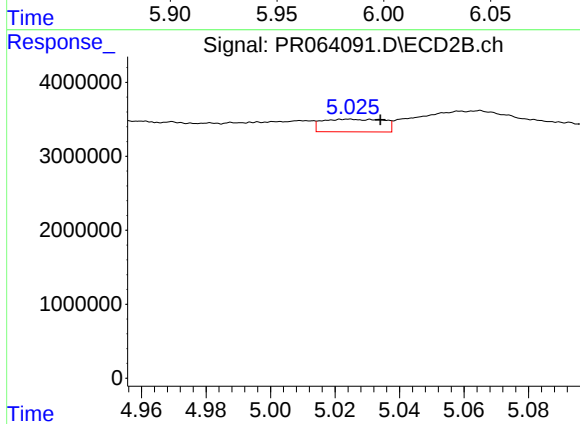
#19 AR-1242-4

R.T.: 4.468 min
Delta R.T.: -0.007 min
Response: 66386
Conc: 0.73 ng/ml



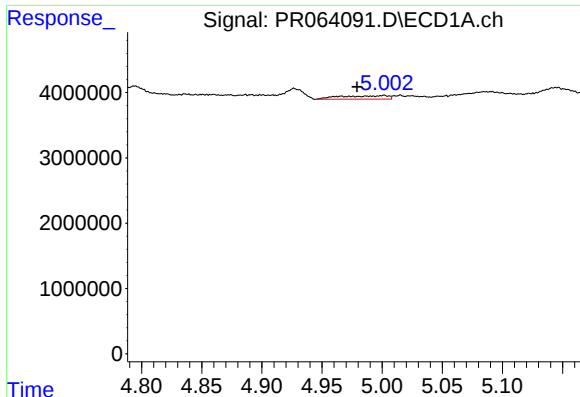
#20 AR-1242-5

R.T.: 5.975 min
Delta R.T.: 0.007 min
Response: 379171
Conc: 2.56 ng/ml



#20 AR-1242-5

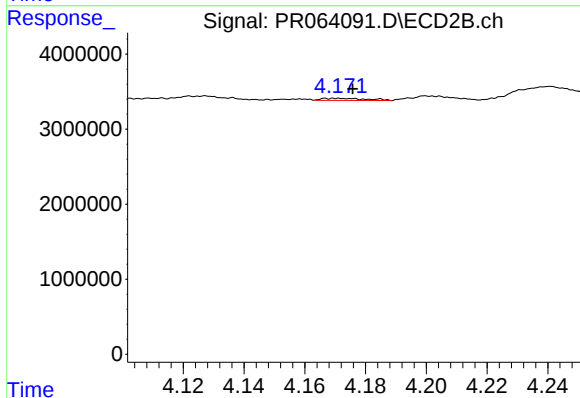
R.T.: 5.024 min
Delta R.T.: -0.010 min
Response: 2271334
Conc: 20.49 ng/ml



#21 AR-1248-1

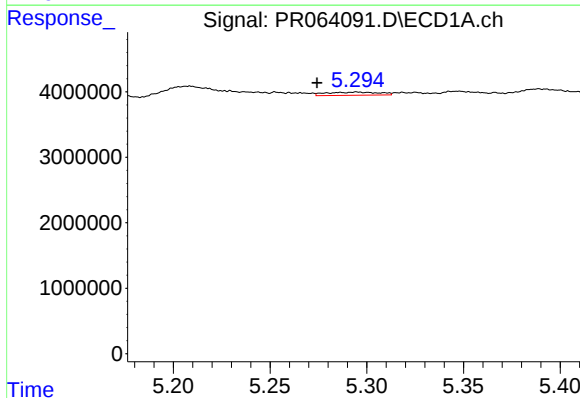
R.T.: 5.001 min
Delta R.T.: 0.022 min
Response: 1451065
Conc: 10.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



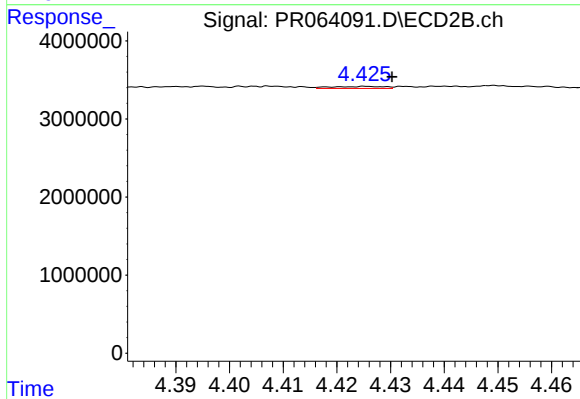
#21 AR-1248-1

R.T.: 4.171 min
Delta R.T.: -0.005 min
Response: 287380
Conc: 3.05 ng/ml



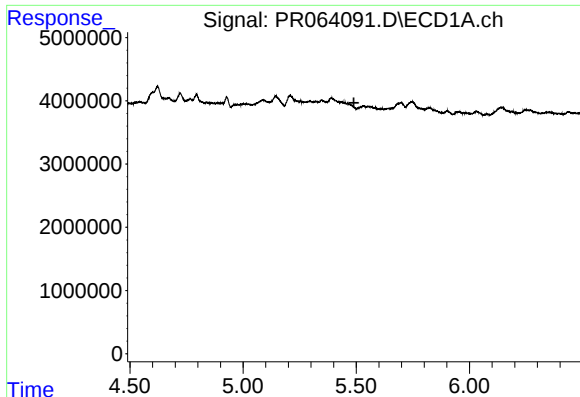
#22 AR-1248-2

R.T.: 5.295 min
Delta R.T.: 0.020 min
Response: 888720
Conc: 4.54 ng/ml



#22 AR-1248-2

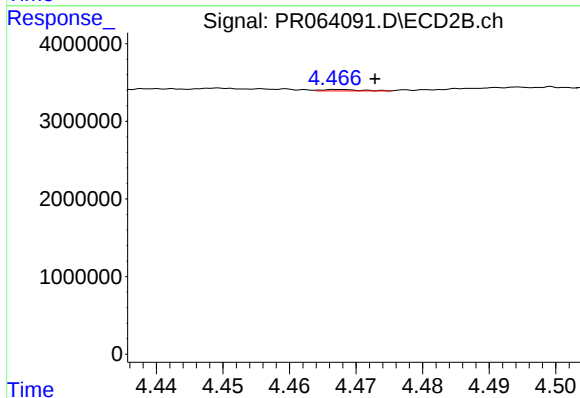
R.T.: 4.426 min
Delta R.T.: -0.005 min
Response: 179481
Conc: 1.38 ng/ml



#23 AR-1248-3

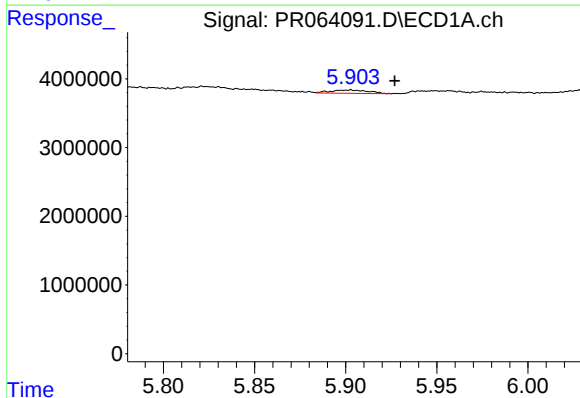
R.T.: 5.536 min
Delta R.T.: 0.047 min
Response: -144698
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



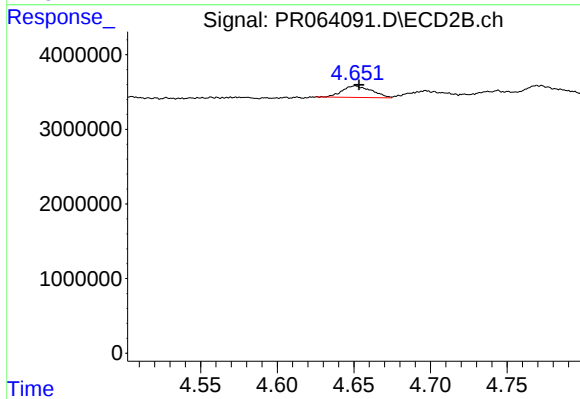
#23 AR-1248-3

R.T.: 4.468 min
Delta R.T.: -0.005 min
Response: 66386
Conc: 0.49 ng/ml



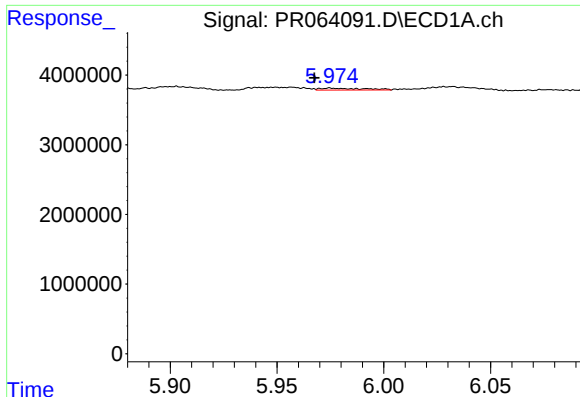
#24 AR-1248-4

R.T.: 5.903 min
Delta R.T.: -0.024 min
Response: 677854
Conc: 2.74 ng/ml



#24 AR-1248-4

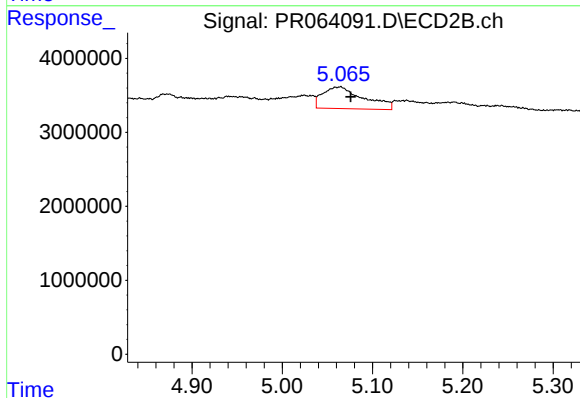
R.T.: 4.651 min
Delta R.T.: -0.002 min
Response: 2052072
Conc: 12.76 ng/ml



#25 AR-1248-5

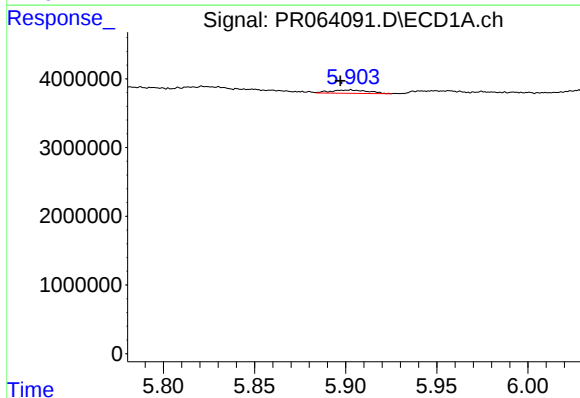
R.T.: 5.975 min
Delta R.T.: 0.007 min
Response: 379171
Conc: 1.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



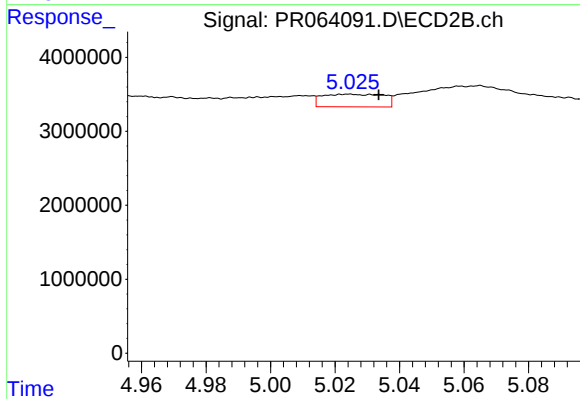
#25 AR-1248-5

R.T.: 5.065 min
Delta R.T.: -0.011 min
Response: 9319548
Conc: 61.63 ng/ml



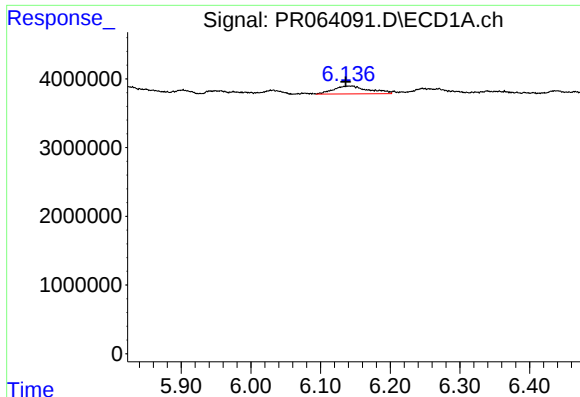
#26 AR-1254-1

R.T.: 5.903 min
Delta R.T.: 0.006 min
Response: 677854
Conc: 2.70 ng/ml



#26 AR-1254-1

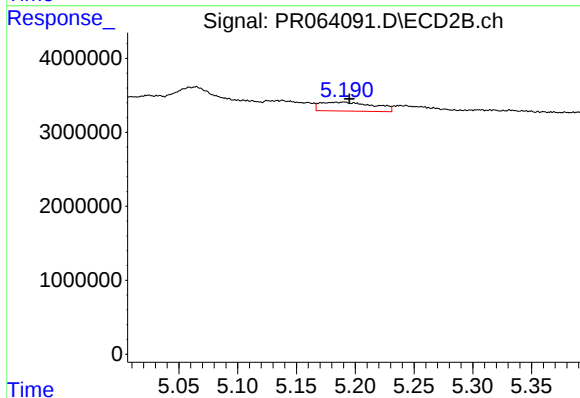
R.T.: 5.024 min
Delta R.T.: -0.009 min
Response: 2271334
Conc: 9.85 ng/ml



#27 AR-1254-2

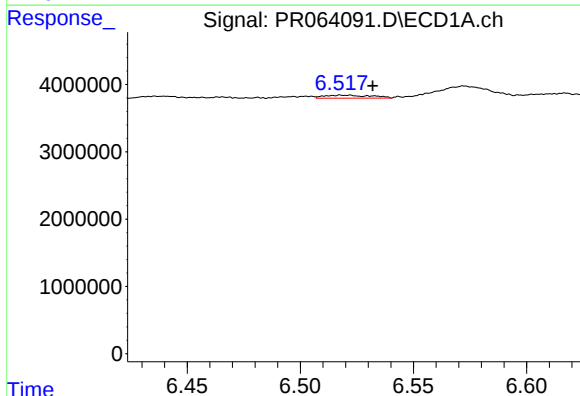
R.T.: 6.141 min
Delta R.T.: 0.005 min
Response: 4002749
Conc: 10.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



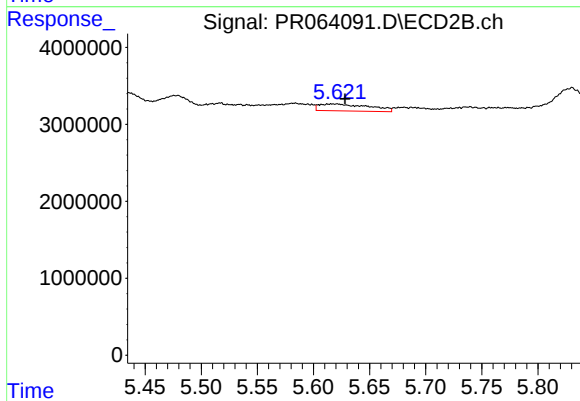
#27 AR-1254-2

R.T.: 5.190 min
Delta R.T.: -0.005 min
Response: 3803109
Conc: 19.21 ng/ml



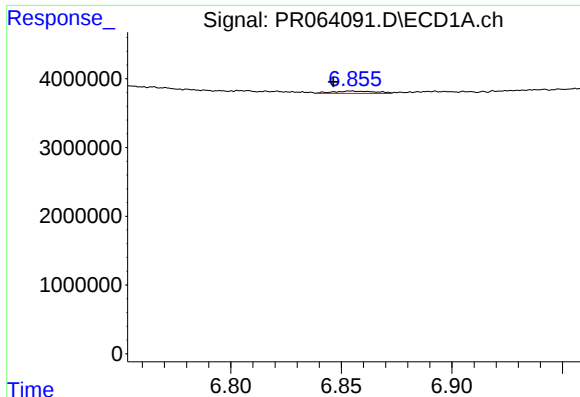
#28 AR-1254-3

R.T.: 6.522 min
Delta R.T.: -0.010 min
Response: 632576
Conc: 1.62 ng/ml



#28 AR-1254-3

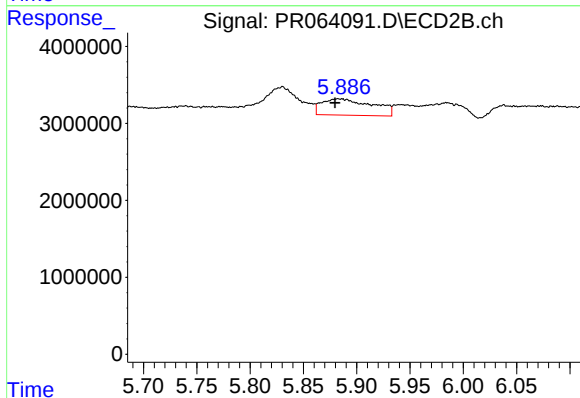
R.T.: 5.621 min
Delta R.T.: -0.007 min
Response: 2784707
Conc: 8.90 ng/ml



#29 AR-1254-4

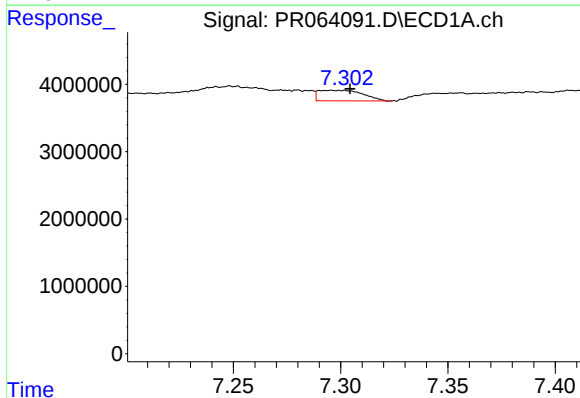
R.T.: 6.855 min
Delta R.T.: 0.008 min
Response: 440028
Conc: 1.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



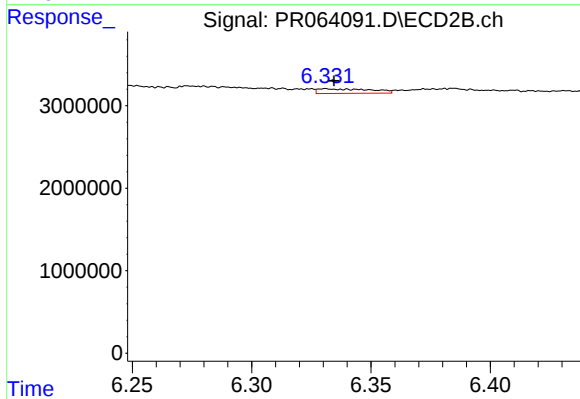
#29 AR-1254-4

R.T.: 5.883 min
Delta R.T.: 0.003 min
Response: 7043905
Conc: 37.49 ng/ml



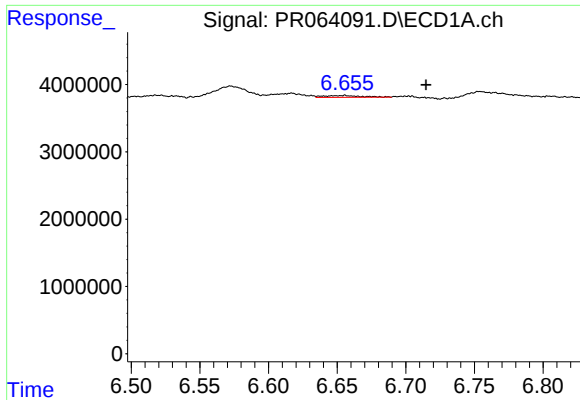
#30 AR-1254-5

R.T.: 7.296 min
Delta R.T.: -0.009 min
Response: 2274677
Conc: 7.74 ng/ml



#30 AR-1254-5

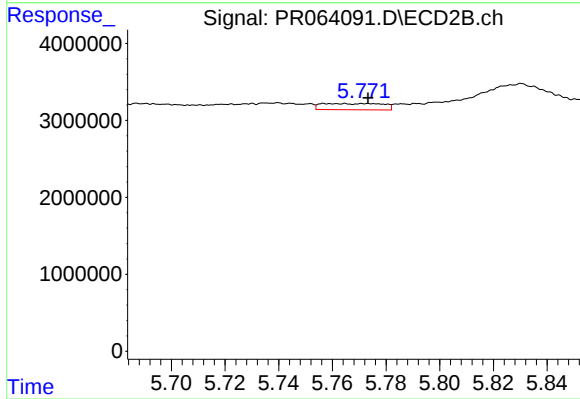
R.T.: 6.331 min
Delta R.T.: -0.004 min
Response: 846051
Conc: 3.10 ng/ml



#31 AR-1260-1

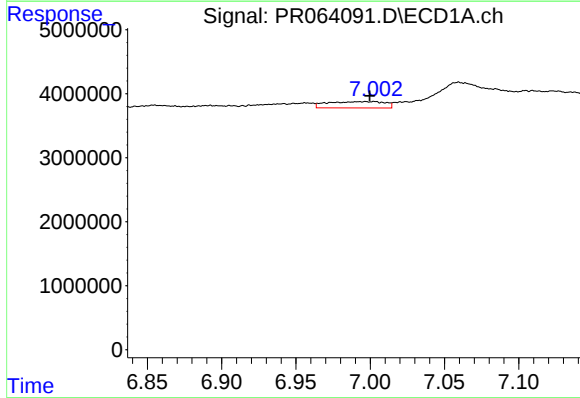
R.T.: 6.656 min
Delta R.T.: -0.059 min
Response: 504207
Conc: 1.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



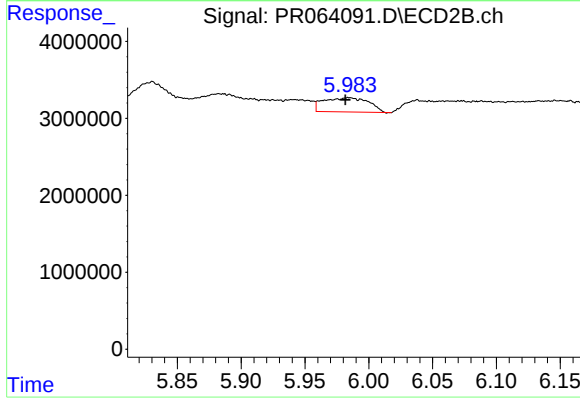
#31 AR-1260-1

R.T.: 5.764 min
Delta R.T.: -0.009 min
Response: 1283046
Conc: 5.71 ng/ml



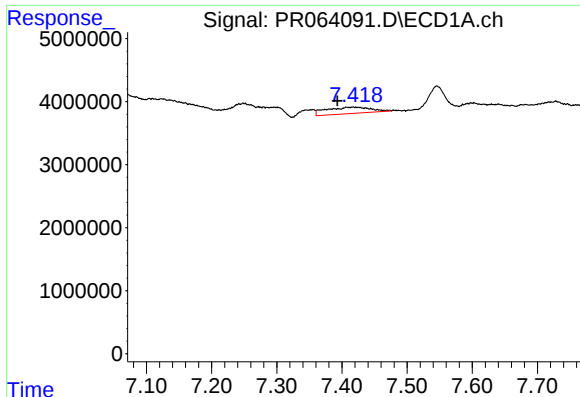
#32 AR-1260-2

R.T.: 7.003 min
Delta R.T.: 0.003 min
Response: 2681338
Conc: 7.75 ng/ml



#32 AR-1260-2

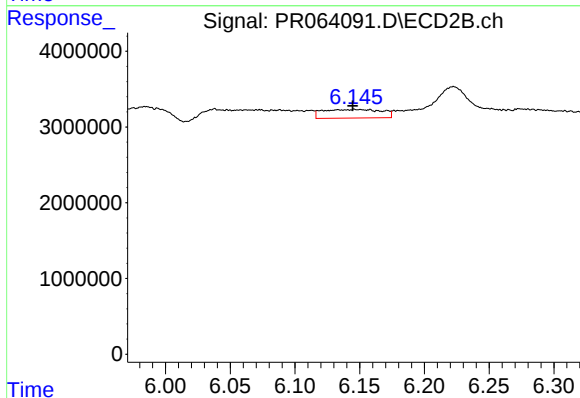
R.T.: 5.984 min
Delta R.T.: 0.003 min
Response: 4556045
Conc: 17.28 ng/ml



#33 AR-1260-3

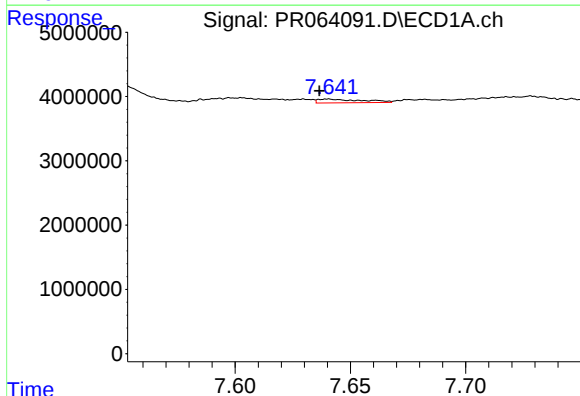
R.T.: 7.417 min
Delta R.T.: 0.024 min
Response: 4792631
Conc: 18.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



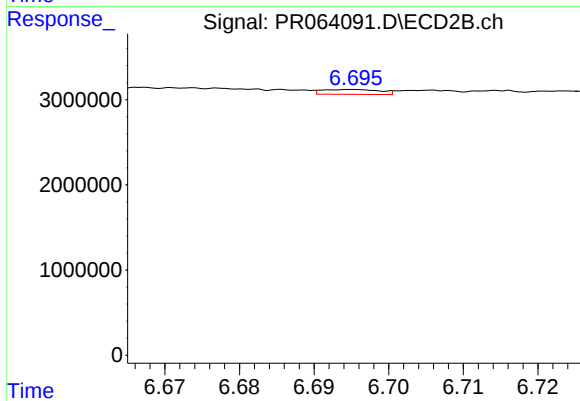
#33 AR-1260-3

R.T.: 6.146 min
Delta R.T.: 0.002 min
Response: 3585824
Conc: 14.18 ng/ml



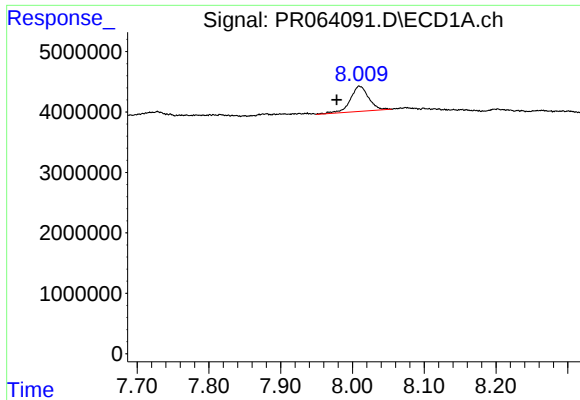
#34 AR-1260-4

R.T.: 7.640 min
Delta R.T.: 0.004 min
Response: 786737
Conc: 2.78 ng/ml



#34 AR-1260-4

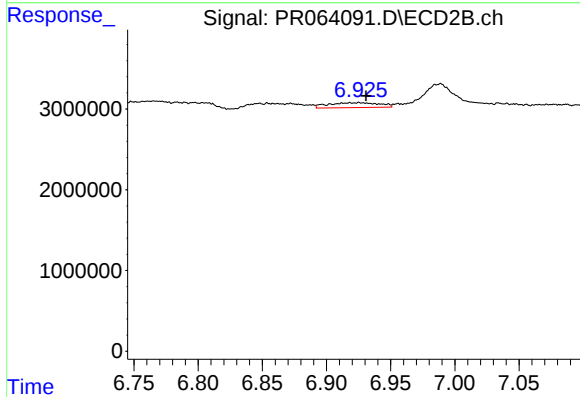
R.T.: 6.695 min
Delta R.T.: 0.033 min
Response: 303202
Conc: 1.54 ng/ml



#35 AR-1260-5

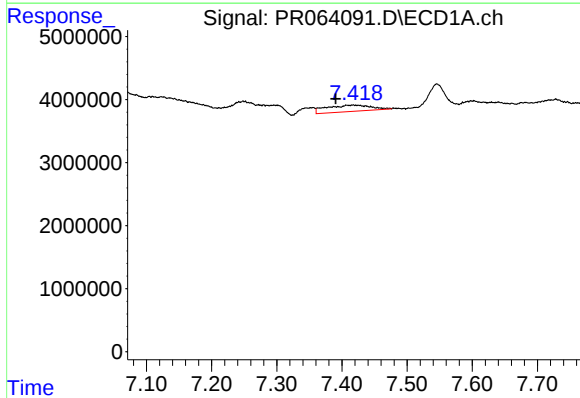
R.T.: 8.010 min
Delta R.T.: 0.032 min
Response: 7403449
Conc: 13.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



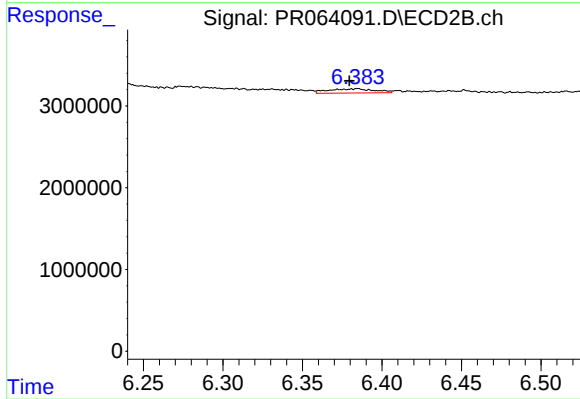
#35 AR-1260-5

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 1678442
Conc: 3.95 ng/ml



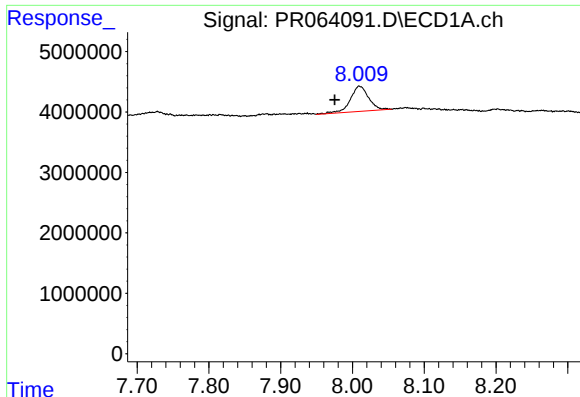
#36 AR-1262-1

R.T.: 7.417 min
Delta R.T.: 0.026 min
Response: 4792631
Conc: 12.73 ng/ml



#36 AR-1262-1

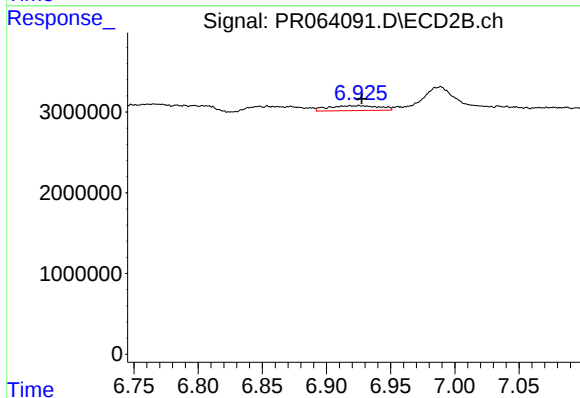
R.T.: 6.385 min
Delta R.T.: 0.005 min
Response: 1049085
Conc: 3.60 ng/ml



#37 AR-1262-2

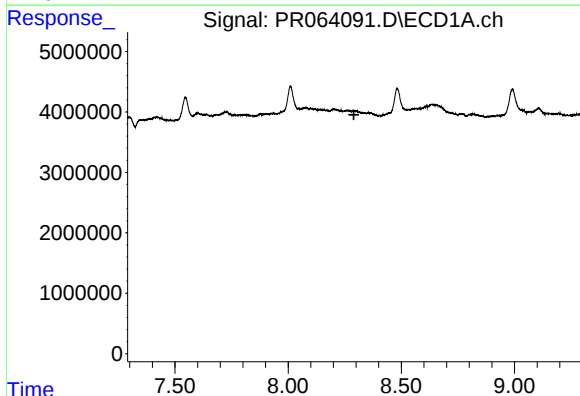
R.T.: 8.010 min
Delta R.T.: 0.034 min
Response: 7403449
Conc: 12.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



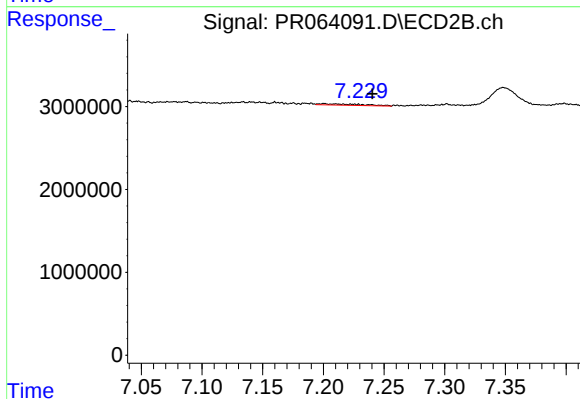
#37 AR-1262-2

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 1678442
Conc: 3.60 ng/ml



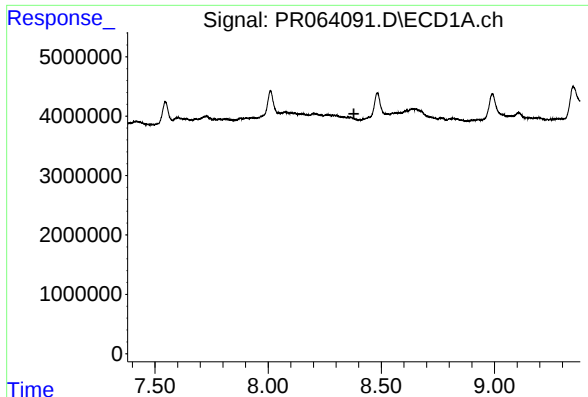
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.291 min
Response: 0
Conc: N.D.



#38 AR-1262-3

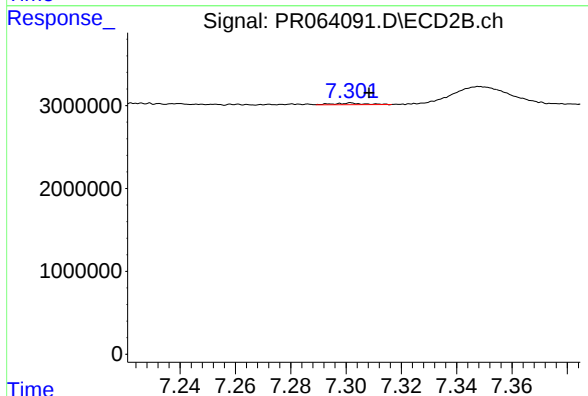
R.T.: 7.201 min
Delta R.T.: -0.040 min
Response: 411977
Conc: 2.26 ng/ml



#39 AR-1262-4

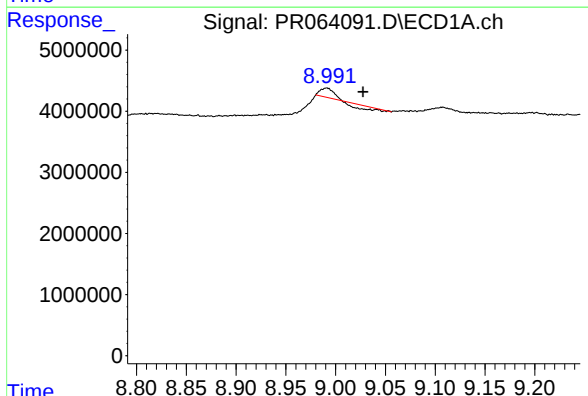
R.T.: 0.000 min
Exp R.T.: 8.379 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



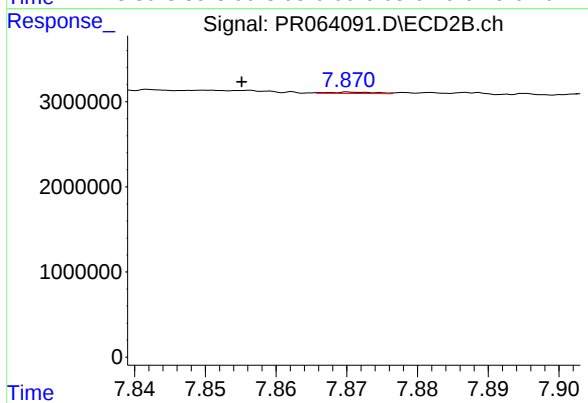
#39 AR-1262-4

R.T.: 7.302 min
Delta R.T.: -0.006 min
Response: 152112
Conc: 0.45 ng/ml



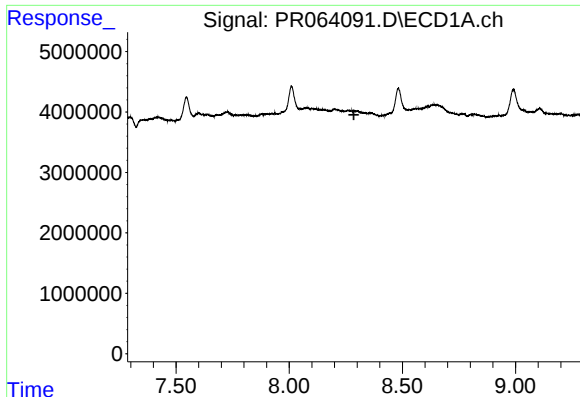
#40 AR-1262-5

R.T.: 8.991 min
Delta R.T.: -0.036 min
Response: 453250
Conc: 2.06 ng/ml



#40 AR-1262-5

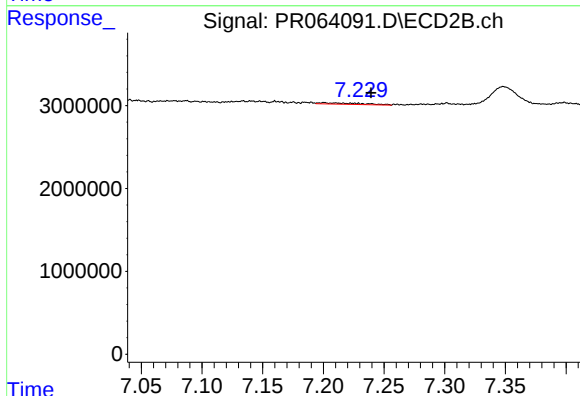
R.T.: 7.871 min
Delta R.T.: 0.016 min
Response: 66190
Conc: 0.45 ng/ml



#41 AR-1268-1

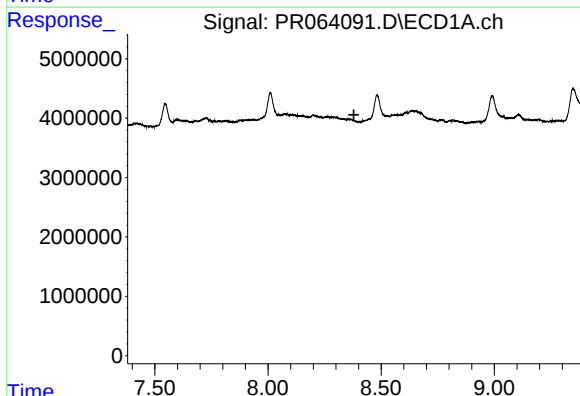
R.T.: 0.000 min
Exp R.T.: 8.286 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



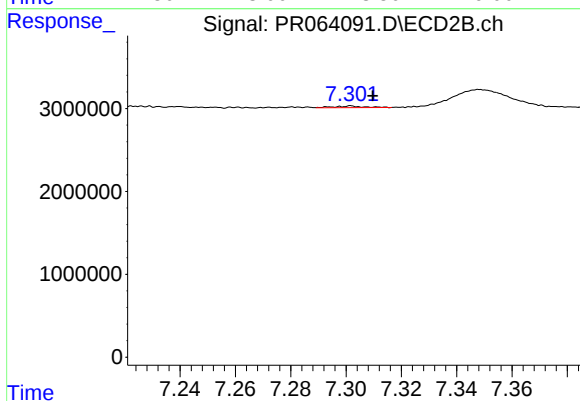
#41 AR-1268-1

R.T.: 7.201 min
Delta R.T.: -0.039 min
Response: 411977
Conc: 0.79 ng/ml



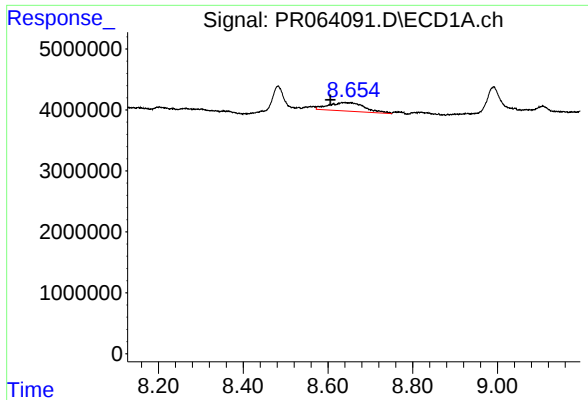
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.380 min
Response: 0
Conc: N.D.



#42 AR-1268-2

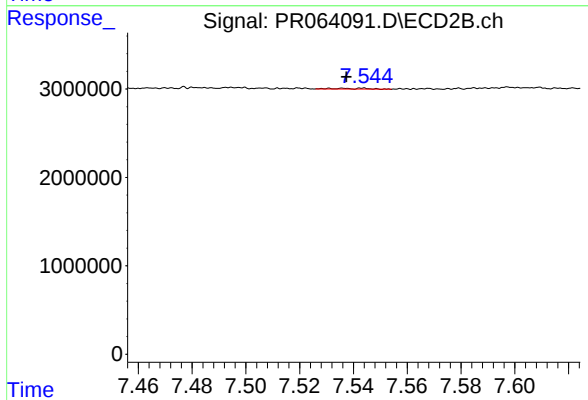
R.T.: 7.302 min
Delta R.T.: -0.008 min
Response: 152112
Conc: 0.32 ng/ml



#43 AR-1268-3

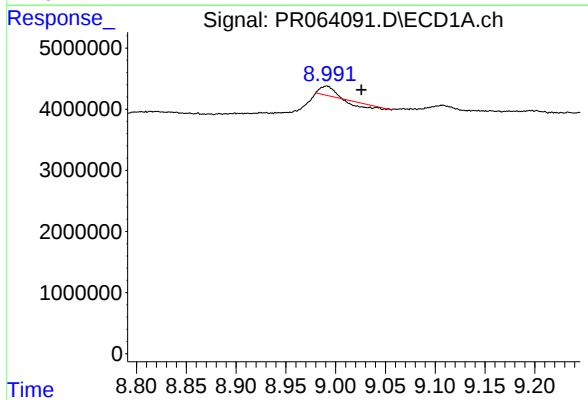
R.T.: 8.640 min
Delta R.T.: 0.034 min
Response: 8249020
Conc: 14.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



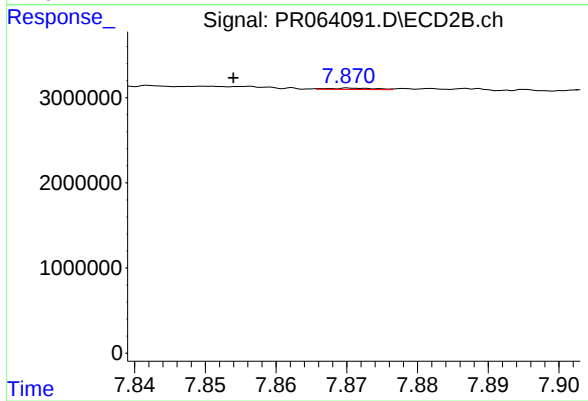
#43 AR-1268-3

R.T.: 7.536 min
Delta R.T.: -0.001 min
Response: 81991
Conc: 0.21 ng/ml



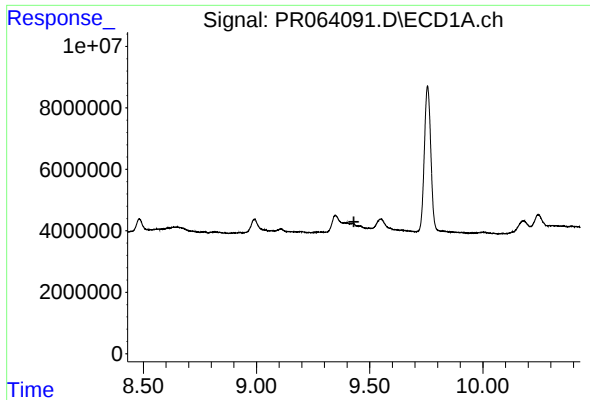
#44 AR-1268-4

R.T.: 8.991 min
Delta R.T.: -0.035 min
Response: 453250
Conc: 1.94 ng/ml



#44 AR-1268-4

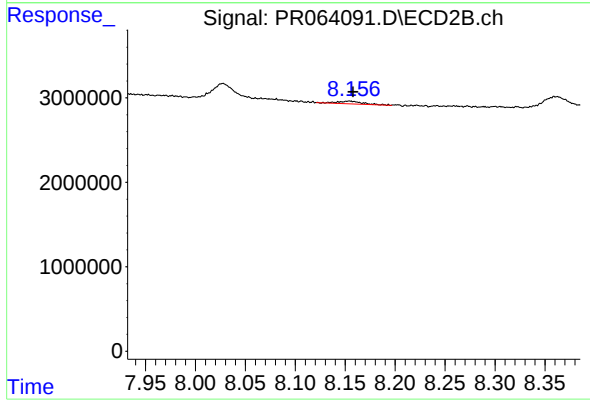
R.T.: 7.871 min
Delta R.T.: 0.017 min
Response: 66190
Conc: 0.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.430 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 542983
Conc: 0.46 ng/ml