

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
 Data File : PR063897.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 17:02
 Operator : AJ\MA
 Sample : PB156215BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 20:50:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 10 14:16:46 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.737	3.027	125.8E6	79407730	19.937	20.315
2)	SA Decachlor...	9.764	8.436	103.2E6	66178029	21.877	21.708
Target Compounds							
3)	L1 AR-1016-1	4.979	4.174	2570783	652637	12.272	4.585 #
4)	L1 AR-1016-2	4.979f	4.174f	2570783	652637	8.261	3.340 #
5)	L1 AR-1016-3	5.085f	4.401f	2537119	1432248	13.245	12.928
6)	L1 AR-1016-4	0.000	4.463f	0	1255363	N.D.	14.322 #
7)	L1 AR-1016-5	0.000	4.645	0	1544838	N.D.	14.011 #
8)	L2 AR-1221-1	3.965	3.286f	166861	764893	2.253	15.848 #
9)	L2 AR-1221-2	4.054	3.339	2428889	1124453	46.139	30.364 #
10)	L2 AR-1221-3	4.127	3.430	292477	338463	1.739	3.051 #
11)	L3 AR-1232-1	4.127	3.430	292477	338463	2.298	3.974 #
12)	L3 AR-1232-2	4.679	4.174f	245033	652637	3.345	7.486 #
13)	L3 AR-1232-3	4.979f	4.401f	2570783	1432248	18.512	29.723 #
14)	L3 AR-1232-4	0.000	4.463	0	1255363	N.D.	30.065 #
15)	L3 AR-1232-5	5.280	4.645	193238	1544838	3.772	32.321 #
16)	L4 AR-1242-1	4.979	4.174	2570783	652637	16.390	6.059 #
17)	L4 AR-1242-2	4.979f	4.174f	2570783	652637	10.848	4.439 #
18)	L4 AR-1242-3	5.085f	4.401f	2537119	1432248	16.800	17.541
19)	L4 AR-1242-4	0.000	4.463	0	1255363	N.D.	15.576 #
20)	L4 AR-1242-5	5.946f	5.017f	1254346	1671872	10.142	16.123 #
21)	L5 AR-1248-1	4.979	4.174	2570783	652637	21.230	7.753 #
22)	L5 AR-1248-2	5.280	4.463f	193238	1255363	1.134	10.844 #
23)	L5 AR-1248-3	0.000	4.463	0	1255363	N.D.	10.605 #
24)	L5 AR-1248-4	5.946f	4.645	1254346	1544838	5.920	10.878 #
25)	L5 AR-1248-5	5.946f	5.065f	1254346	3998228	5.703	28.735 #
26)	L6 AR-1254-1	5.904	5.017f	2135627	1671872	9.753	8.196
27)	L6 AR-1254-2	6.145	5.180f	369310	8382505	1.101	45.572 #
28)	L6 AR-1254-3	6.522	5.623	4646177	992732	13.769	3.421 #
29)	L6 AR-1254-4	6.868f	5.897	501833	902922	2.090	5.010 #
30)	L6 AR-1254-5	7.315	6.338	920673	118616	3.379	0.442 #
31)	L7 AR-1260-1	6.698f	5.780	981104	1464751	3.576	6.837 #
32)	L7 AR-1260-2	6.986f	6.013f	1114773	462059	3.476	1.807 #
33)	L7 AR-1260-3	7.391	6.157	519685	2882486	2.655	11.435 #
34)	L7 AR-1260-4	7.620f	0.000	1716110	0	7.067	N.D. #
35)	L7 AR-1260-5	7.990	6.930	569178	832234	1.257	2.263 #
36)	L8 AR-1262-1	7.391	6.443	519685	316757	1.595	2.925 #
37)	L8 AR-1262-2	7.990	0.000	569178	0	1.004	N.D. #
38)	L8 AR-1262-3	8.291	7.232f	1314649	3358882	3.508	19.531 #
39)	L8 AR-1262-4	8.366f	7.308	844693	4121622	2.982	12.881 #
40)	L8 AR-1262-5	9.044	0.000	1926129	0	9.380	N.D. #
41)	L9 AR-1268-1	8.291	7.232f	1314649	3358882	2.034	6.938 #

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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

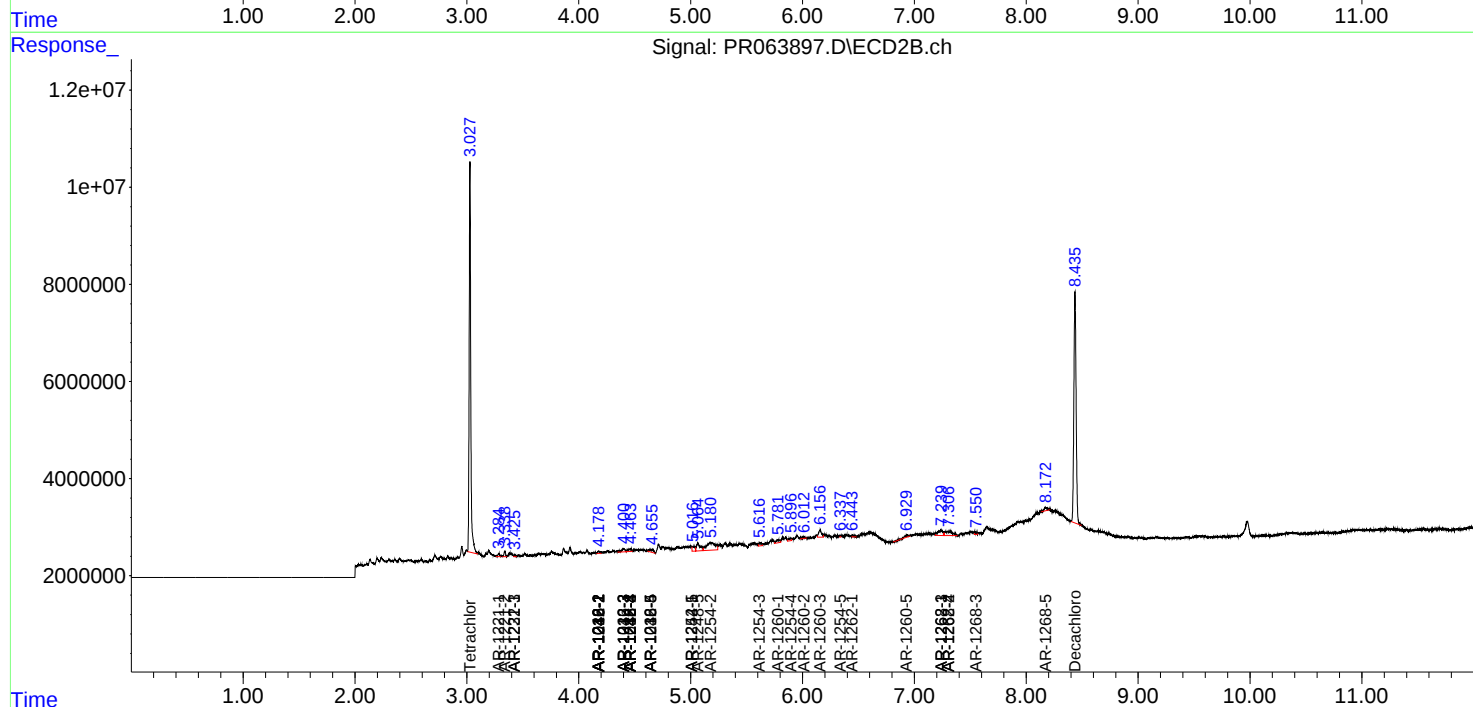
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

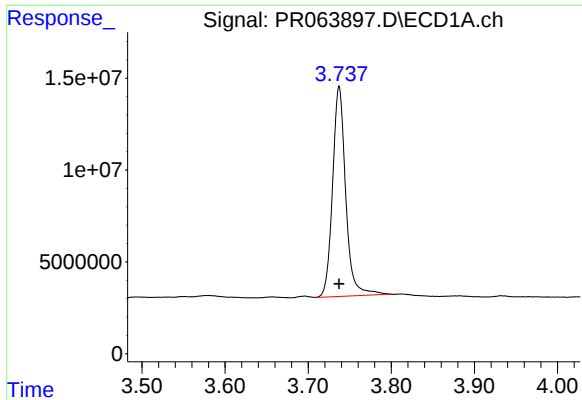
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.366f	7.308	844693	4121622	1.461	9.269 #
43) L9	AR-1268-3	8.619	7.548	9097825	629949	17.453	1.681 #
44) L9	AR-1268-4	9.044	0.000	1926129	0	8.770	N.D. #
45) L9	AR-1268-5	9.442	8.173	1260538	1341498	0.760	1.211 #

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

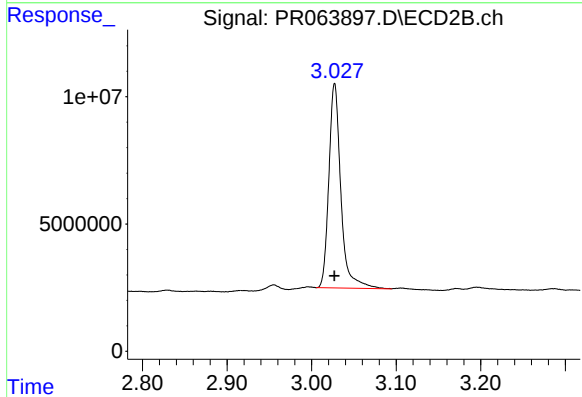




#1 Tetrachloro-m-xylene

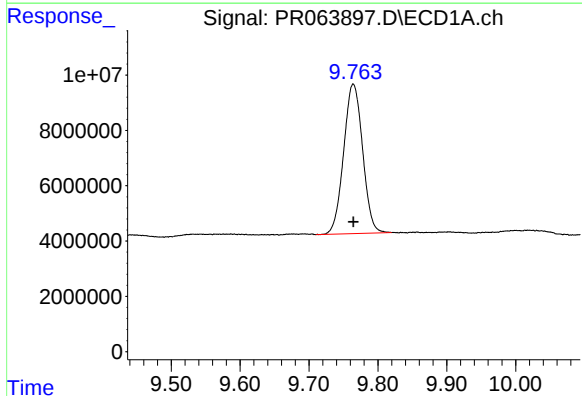
R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 125813033
Conc: 19.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



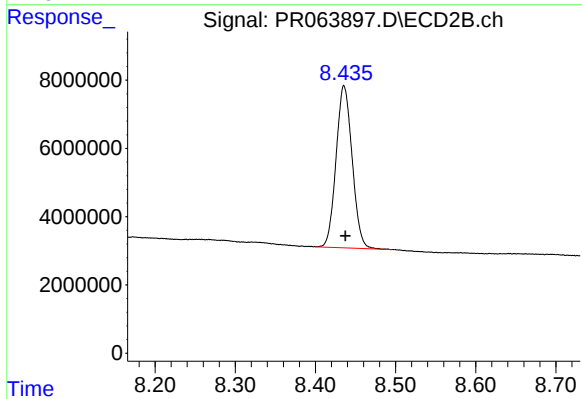
#1 Tetrachloro-m-xylene

R.T.: 3.027 min
Delta R.T.: 0.000 min
Response: 79407730
Conc: 20.31 ng/ml



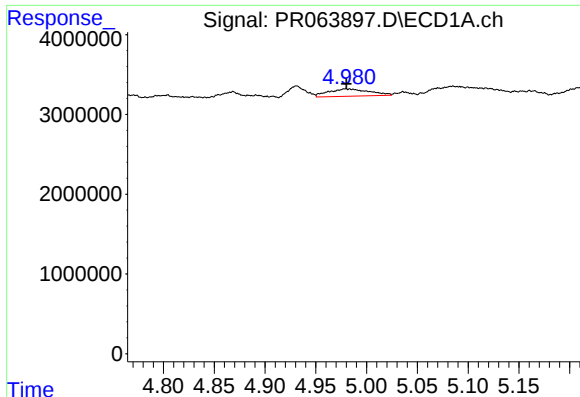
#2 Decachlorobiphenyl

R.T.: 9.764 min
Delta R.T.: 0.000 min
Response: 103238169
Conc: 21.88 ng/ml



#2 Decachlorobiphenyl

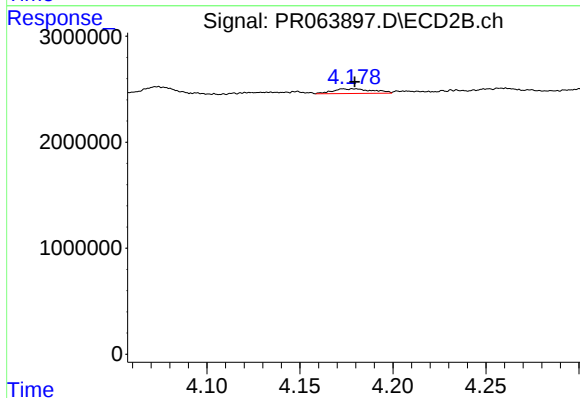
R.T.: 8.436 min
Delta R.T.: -0.002 min
Response: 66178029
Conc: 21.71 ng/ml



#3 AR-1016-1

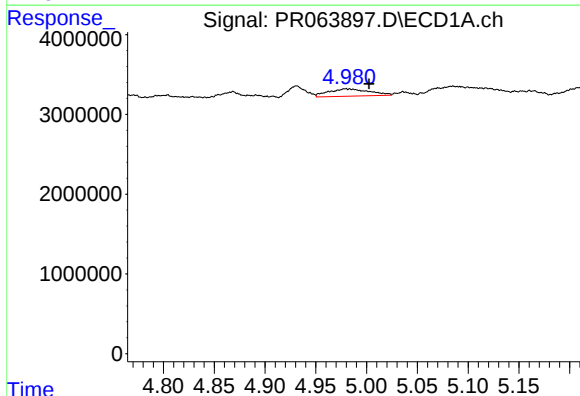
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 2570783
Conc: 12.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



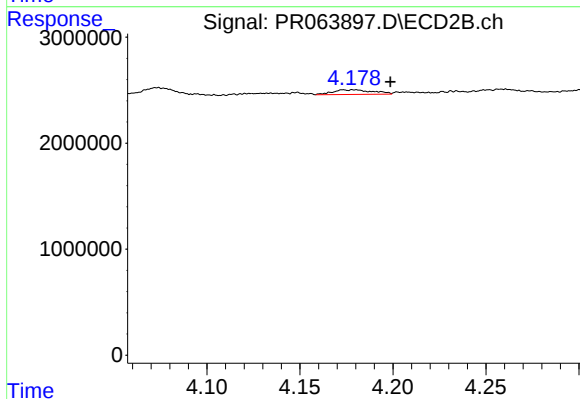
#3 AR-1016-1

R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 652637
Conc: 4.59 ng/ml



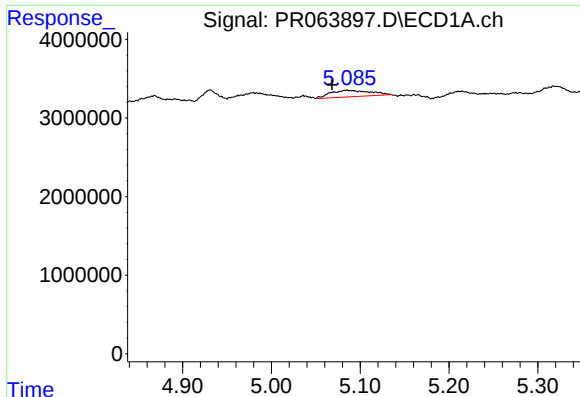
#4 AR-1016-2

R.T.: 4.979 min
Delta R.T.: -0.024 min
Response: 2570783
Conc: 8.26 ng/ml



#4 AR-1016-2

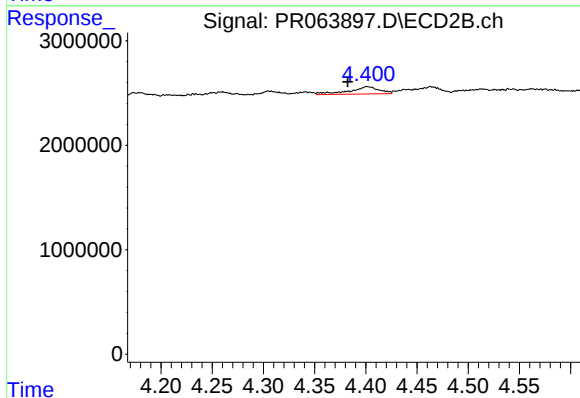
R.T.: 4.174 min
Delta R.T.: -0.025 min
Response: 652637
Conc: 3.34 ng/ml



#5 AR-1016-3

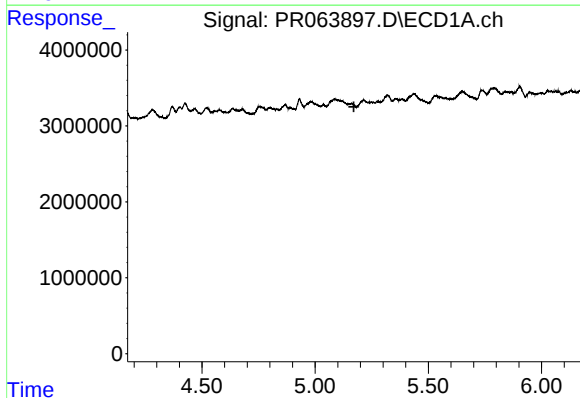
R.T.: 5.085 min
Delta R.T.: 0.017 min
Response: 2537119
Conc: 13.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



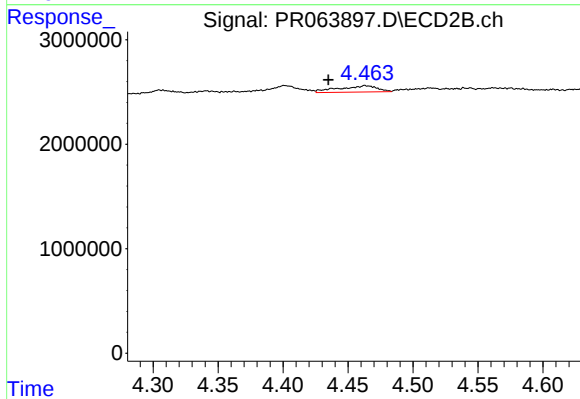
#5 AR-1016-3

R.T.: 4.401 min
Delta R.T.: 0.019 min
Response: 1432248
Conc: 12.93 ng/ml



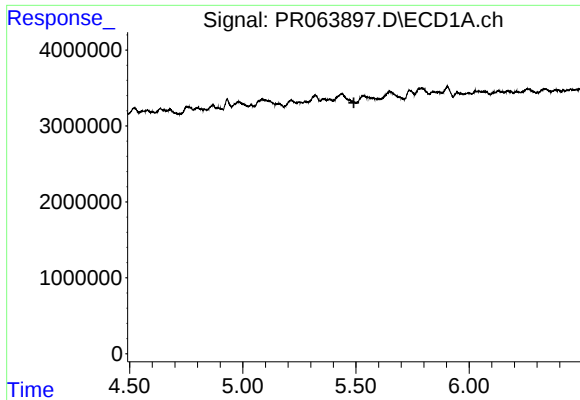
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



#6 AR-1016-4

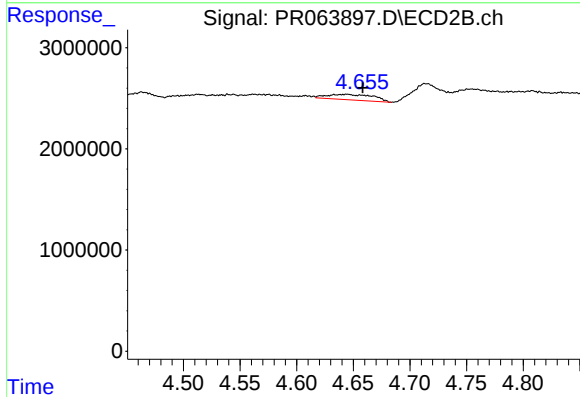
R.T.: 4.463 min
Delta R.T.: 0.028 min
Response: 1255363
Conc: 14.32 ng/ml



#7 AR-1016-5

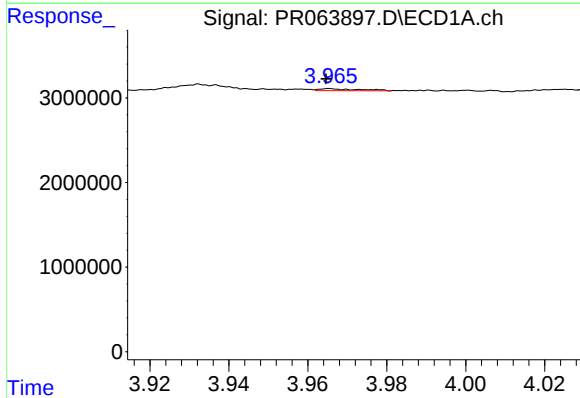
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



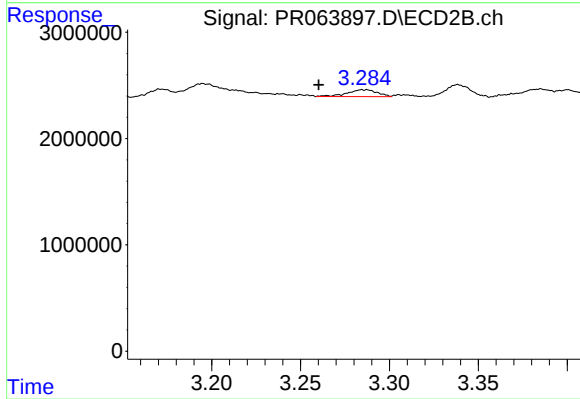
#7 AR-1016-5

R.T.: 4.645 min
Delta R.T.: -0.013 min
Response: 1544838
Conc: 14.01 ng/ml



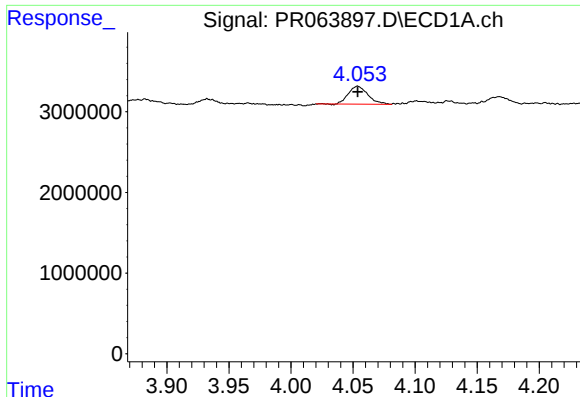
#8 AR-1221-1

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 166861
Conc: 2.25 ng/ml



#8 AR-1221-1

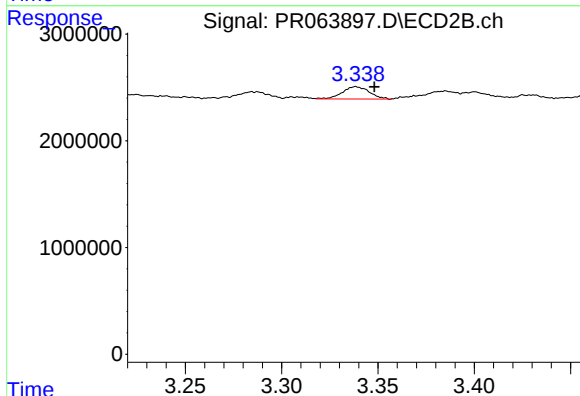
R.T.: 3.286 min
Delta R.T.: 0.025 min
Response: 764893
Conc: 15.85 ng/ml



#9 AR-1221-2

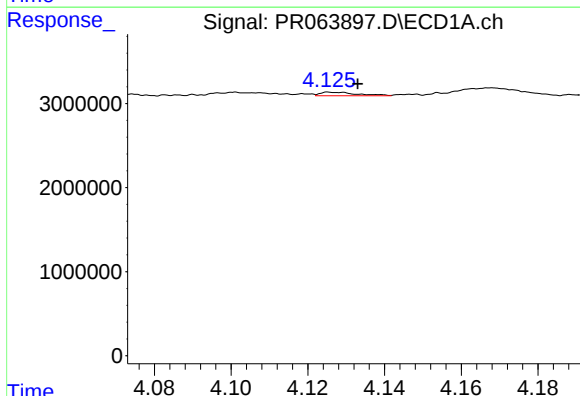
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 2428889
Conc: 46.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



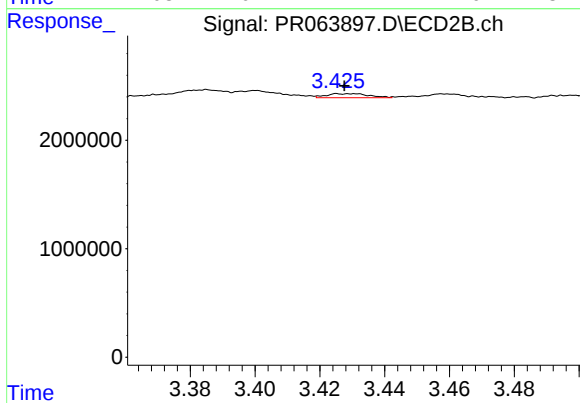
#9 AR-1221-2

R.T.: 3.339 min
Delta R.T.: -0.010 min
Response: 1124453
Conc: 30.36 ng/ml



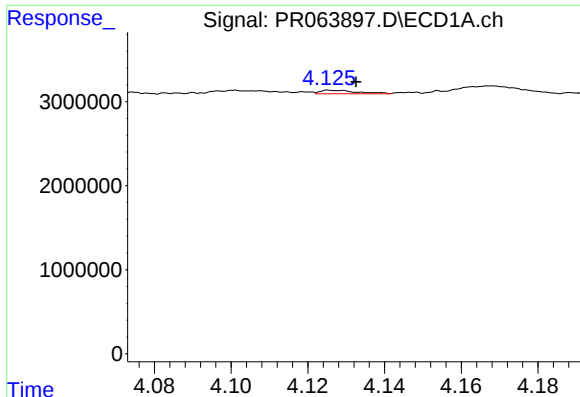
#10 AR-1221-3

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 292477
Conc: 1.74 ng/ml



#10 AR-1221-3

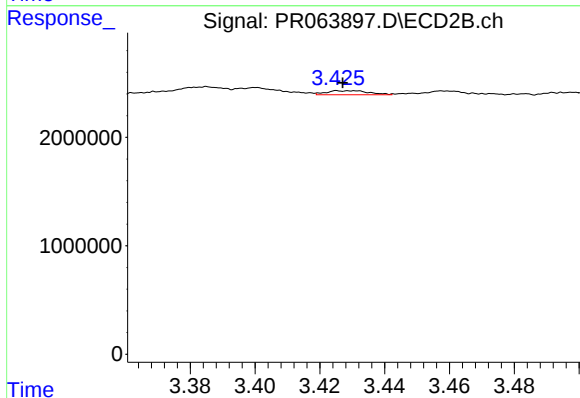
R.T.: 3.430 min
Delta R.T.: 0.003 min
Response: 338463
Conc: 3.05 ng/ml



#11 AR-1232-1

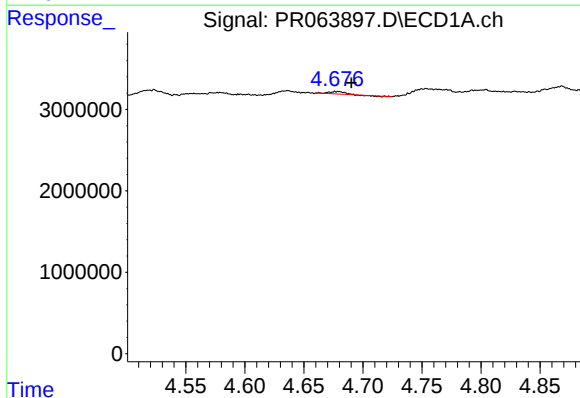
R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 292477
Conc: 2.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



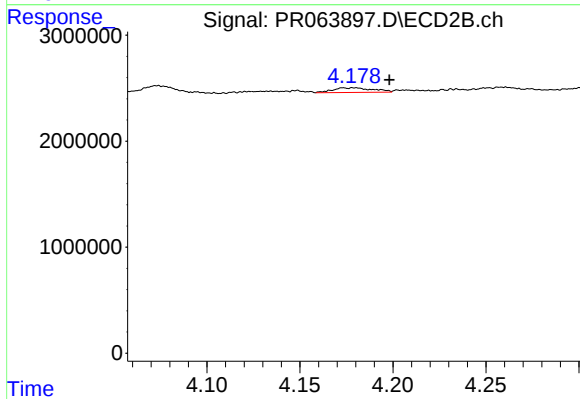
#11 AR-1232-1

R.T.: 3.430 min
Delta R.T.: 0.003 min
Response: 338463
Conc: 3.97 ng/ml



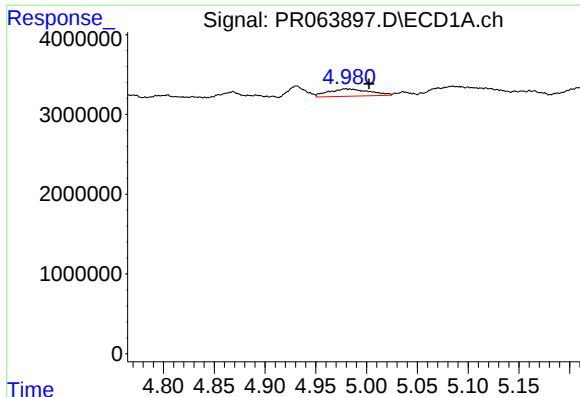
#12 AR-1232-2

R.T.: 4.679 min
Delta R.T.: -0.012 min
Response: 245033
Conc: 3.35 ng/ml



#12 AR-1232-2

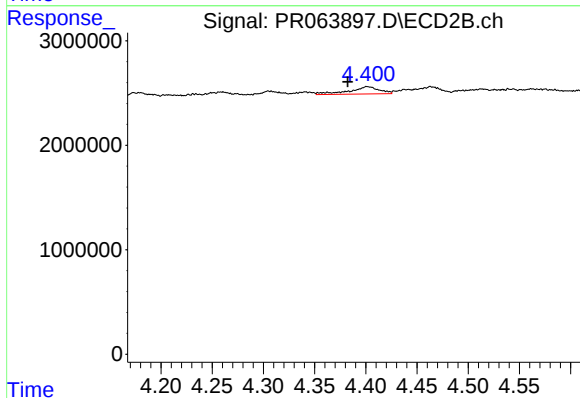
R.T.: 4.174 min
Delta R.T.: -0.025 min
Response: 652637
Conc: 7.49 ng/ml



#13 AR-1232-3

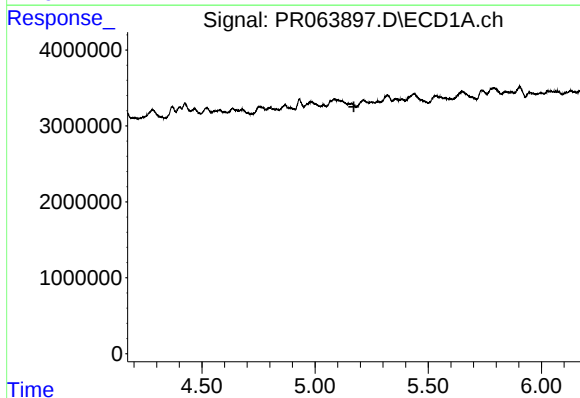
R.T.: 4.979 min
Delta R.T.: -0.024 min
Response: 2570783
Conc: 18.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



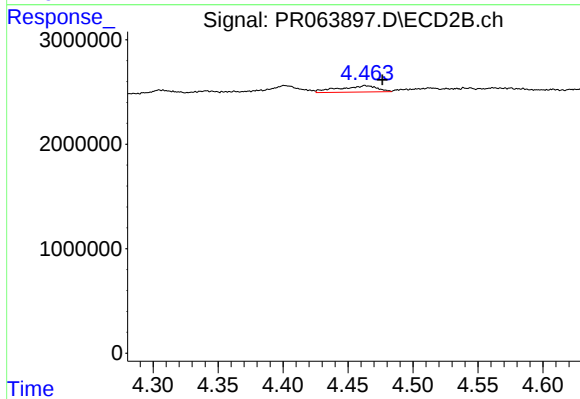
#13 AR-1232-3

R.T.: 4.401 min
Delta R.T.: 0.019 min
Response: 1432248
Conc: 29.72 ng/ml



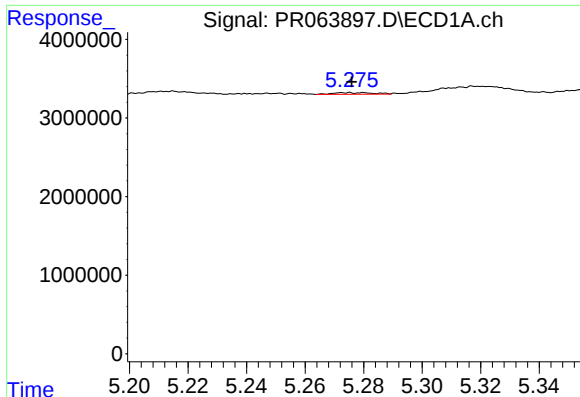
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#14 AR-1232-4

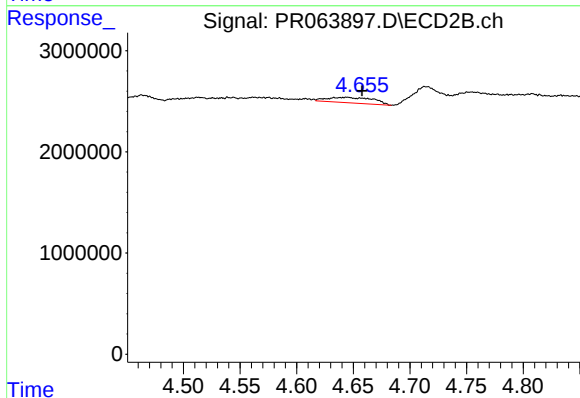
R.T.: 4.463 min
Delta R.T.: -0.013 min
Response: 1255363
Conc: 30.07 ng/ml



#15 AR-1232-5

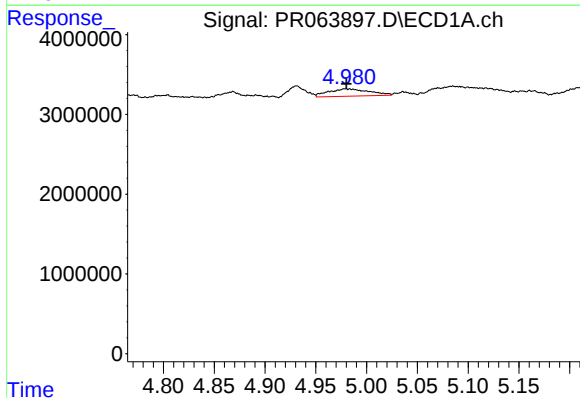
R.T.: 5.280 min
Delta R.T.: 0.004 min
Response: 193238
Conc: 3.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



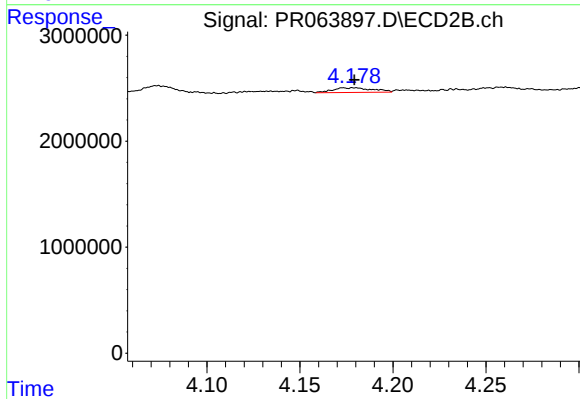
#15 AR-1232-5

R.T.: 4.645 min
Delta R.T.: -0.013 min
Response: 1544838
Conc: 32.32 ng/ml



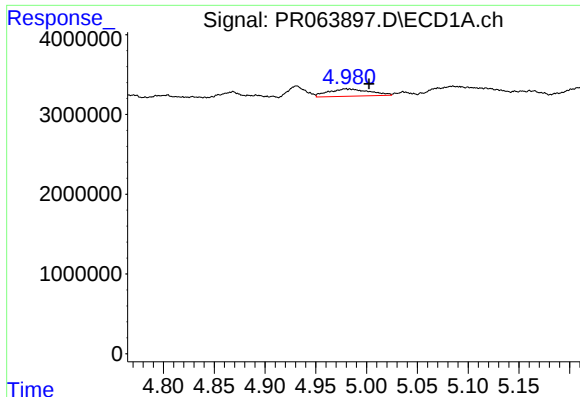
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 2570783
Conc: 16.39 ng/ml



#16 AR-1242-1

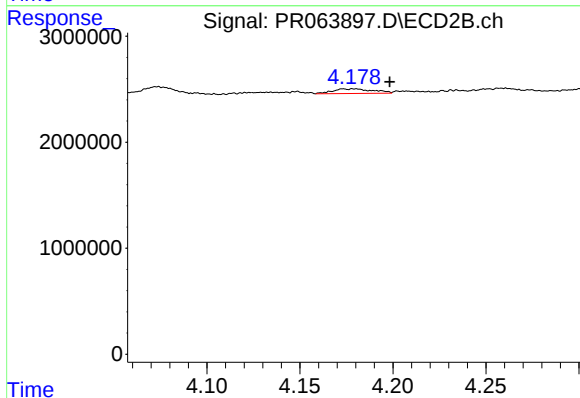
R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 652637
Conc: 6.06 ng/ml



#17 AR-1242-2

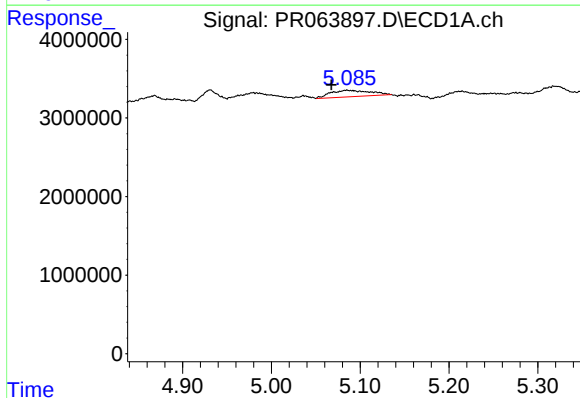
R.T.: 4.979 min
Delta R.T.: -0.023 min
Response: 2570783
Conc: 10.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



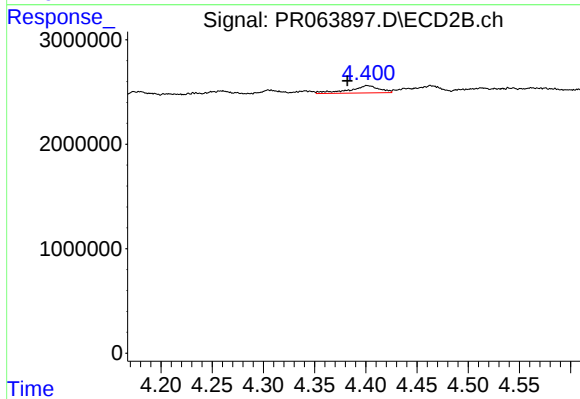
#17 AR-1242-2

R.T.: 4.174 min
Delta R.T.: -0.025 min
Response: 652637
Conc: 4.44 ng/ml



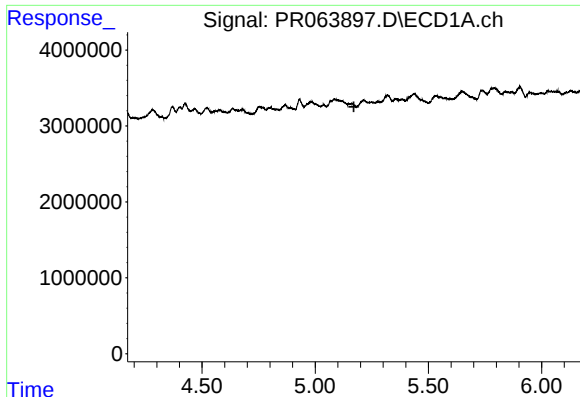
#18 AR-1242-3

R.T.: 5.085 min
Delta R.T.: 0.018 min
Response: 2537119
Conc: 16.80 ng/ml



#18 AR-1242-3

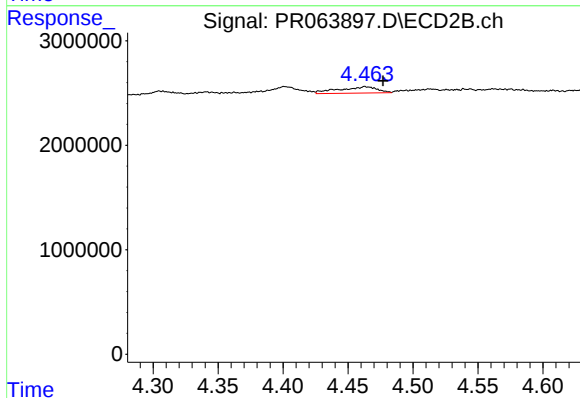
R.T.: 4.401 min
Delta R.T.: 0.020 min
Response: 1432248
Conc: 17.54 ng/ml



#19 AR-1242-4

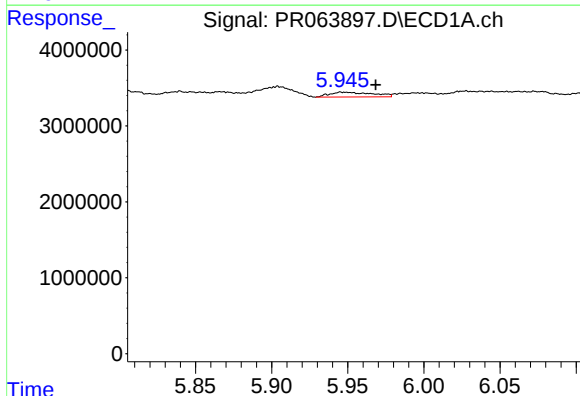
R.T.: 0.000 min
Exp R.T.: 5.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



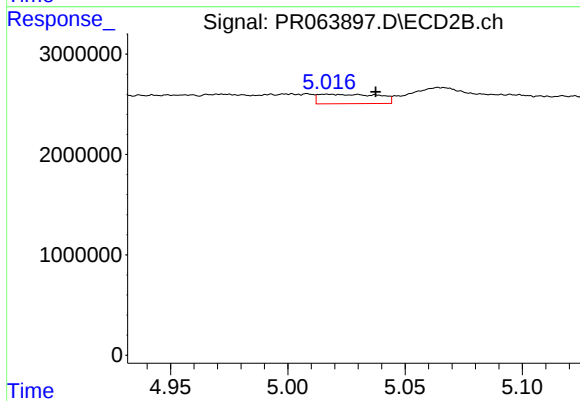
#19 AR-1242-4

R.T.: 4.463 min
Delta R.T.: -0.014 min
Response: 1255363
Conc: 15.58 ng/ml



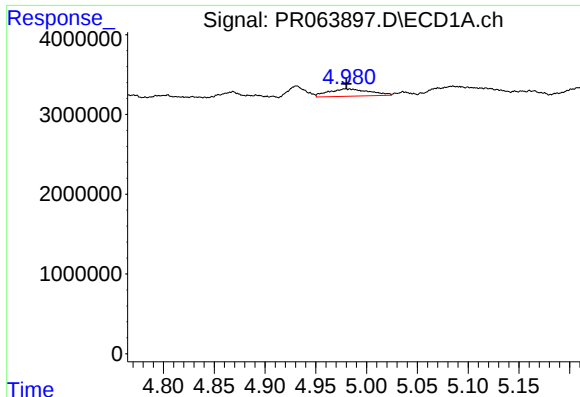
#20 AR-1242-5

R.T.: 5.946 min
Delta R.T.: -0.022 min
Response: 1254346
Conc: 10.14 ng/ml



#20 AR-1242-5

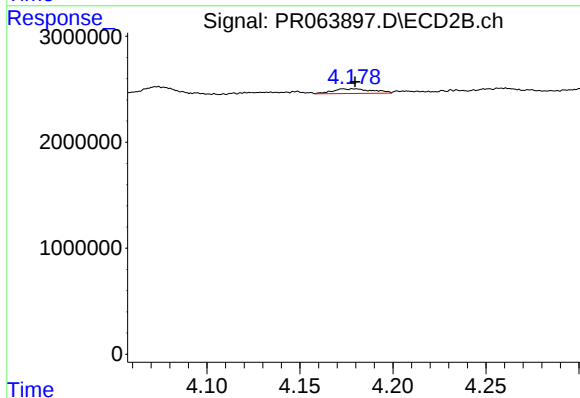
R.T.: 5.017 min
Delta R.T.: -0.021 min
Response: 1671872
Conc: 16.12 ng/ml



#21 AR-1248-1

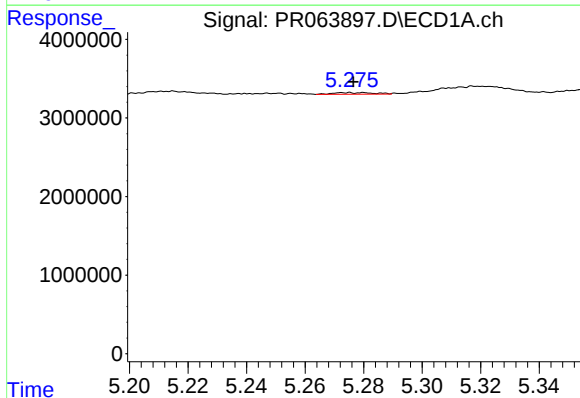
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 2570783
Conc: 21.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



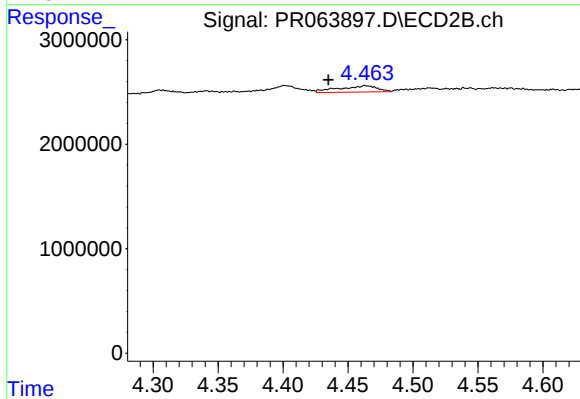
#21 AR-1248-1

R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 652637
Conc: 7.75 ng/ml



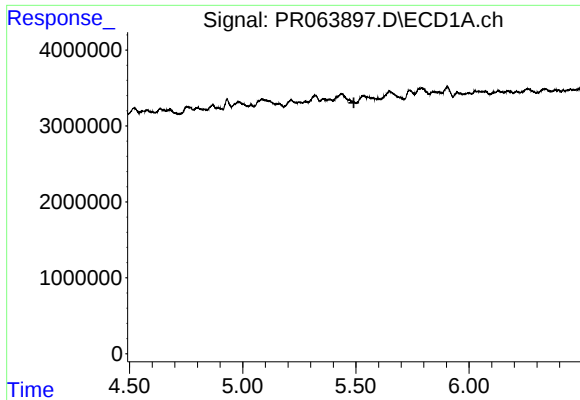
#22 AR-1248-2

R.T.: 5.280 min
Delta R.T.: 0.004 min
Response: 193238
Conc: 1.13 ng/ml



#22 AR-1248-2

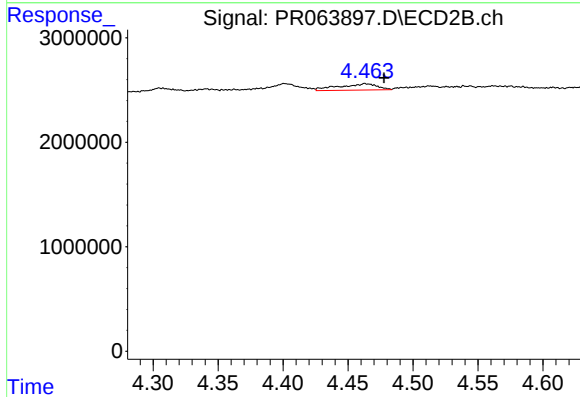
R.T.: 4.463 min
Delta R.T.: 0.028 min
Response: 1255363
Conc: 10.84 ng/ml



#23 AR-1248-3

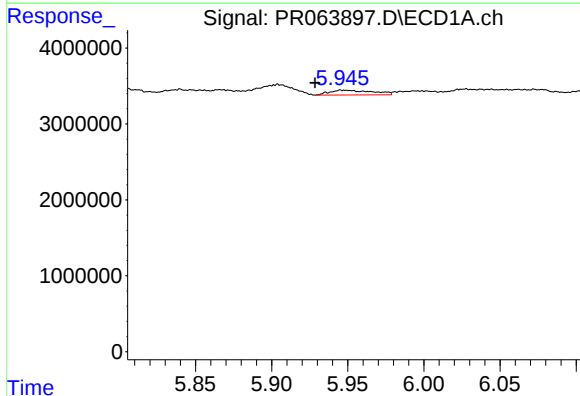
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



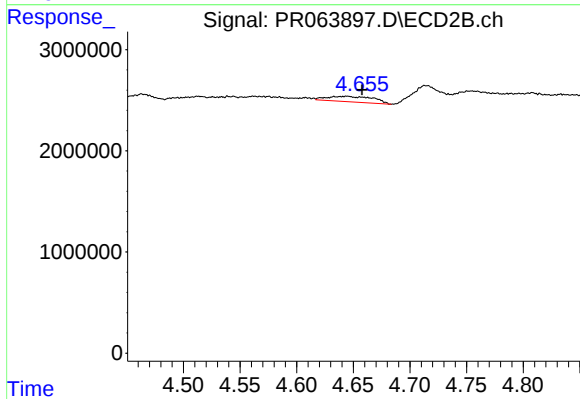
#23 AR-1248-3

R.T.: 4.463 min
Delta R.T.: -0.014 min
Response: 1255363
Conc: 10.61 ng/ml



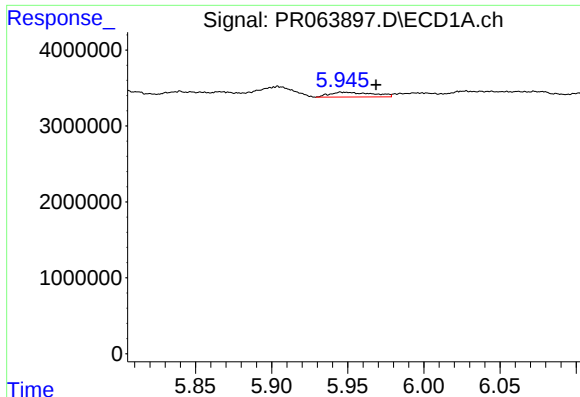
#24 AR-1248-4

R.T.: 5.946 min
Delta R.T.: 0.017 min
Response: 1254346
Conc: 5.92 ng/ml



#24 AR-1248-4

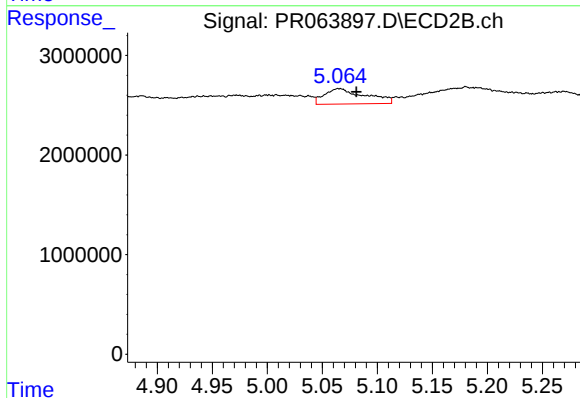
R.T.: 4.645 min
Delta R.T.: -0.013 min
Response: 1544838
Conc: 10.88 ng/ml



#25 AR-1248-5

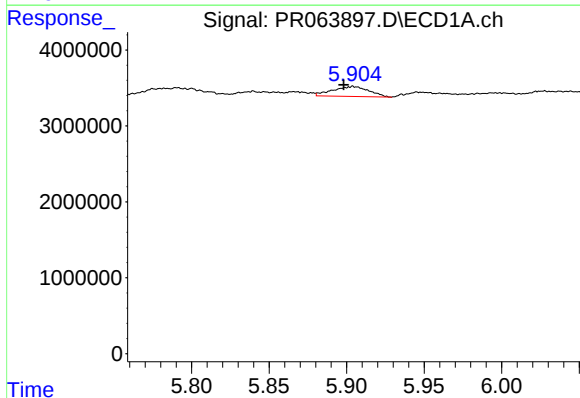
R.T.: 5.946 min
Delta R.T.: -0.023 min
Response: 1254346
Conc: 5.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



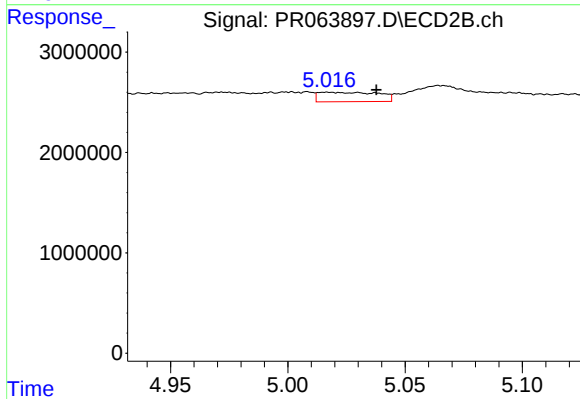
#25 AR-1248-5

R.T.: 5.065 min
Delta R.T.: -0.016 min
Response: 3998228
Conc: 28.74 ng/ml



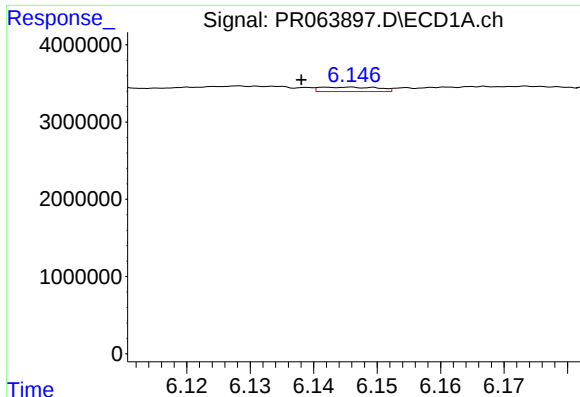
#26 AR-1254-1

R.T.: 5.904 min
Delta R.T.: 0.006 min
Response: 2135627
Conc: 9.75 ng/ml



#26 AR-1254-1

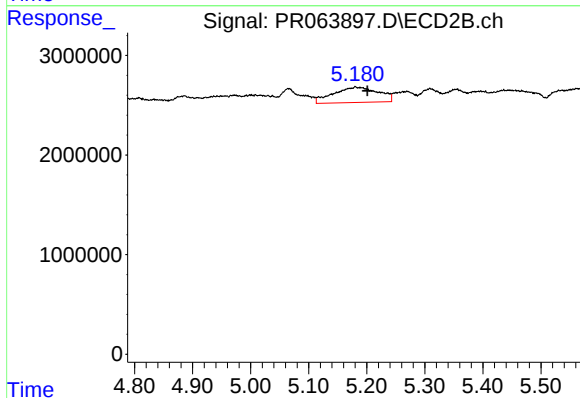
R.T.: 5.017 min
Delta R.T.: -0.021 min
Response: 1671872
Conc: 8.20 ng/ml



#27 AR-1254-2

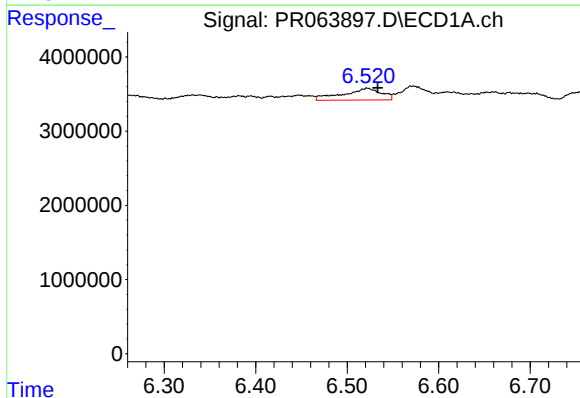
R.T.: 6.145 min
Delta R.T.: 0.007 min
Response: 369310
Conc: 1.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



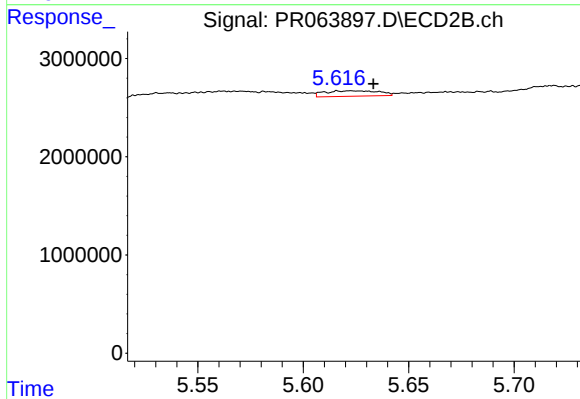
#27 AR-1254-2

R.T.: 5.180 min
Delta R.T.: -0.021 min
Response: 8382505
Conc: 45.57 ng/ml



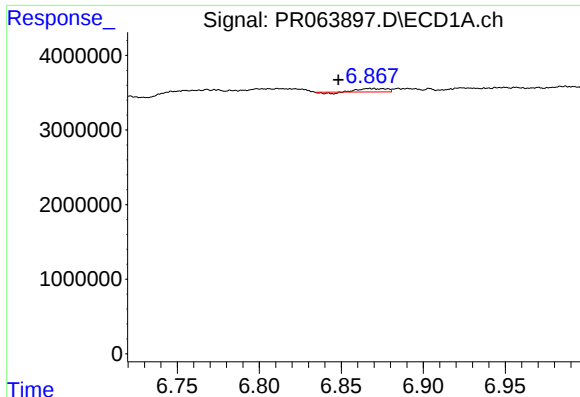
#28 AR-1254-3

R.T.: 6.522 min
Delta R.T.: -0.011 min
Response: 4646177
Conc: 13.77 ng/ml



#28 AR-1254-3

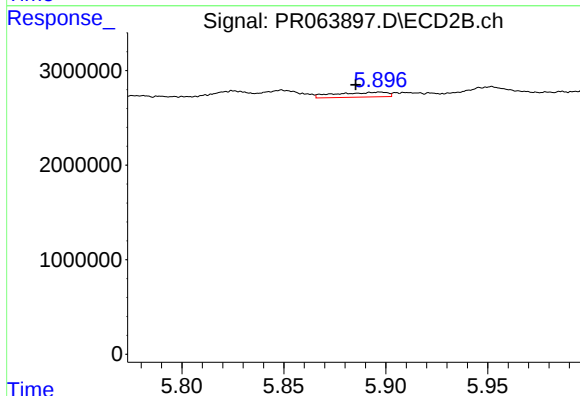
R.T.: 5.623 min
Delta R.T.: -0.011 min
Response: 992732
Conc: 3.42 ng/ml



#29 AR-1254-4

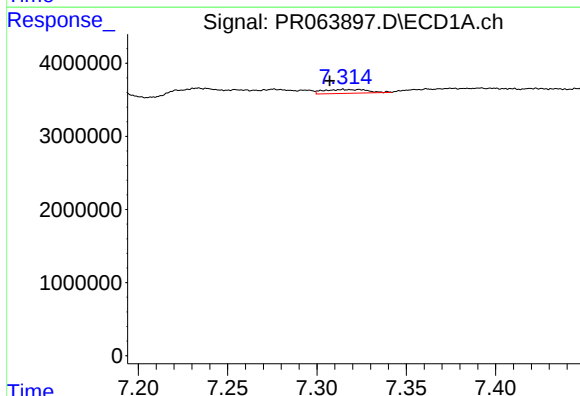
R.T.: 6.868 min
Delta R.T.: 0.019 min
Response: 501833
Conc: 2.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



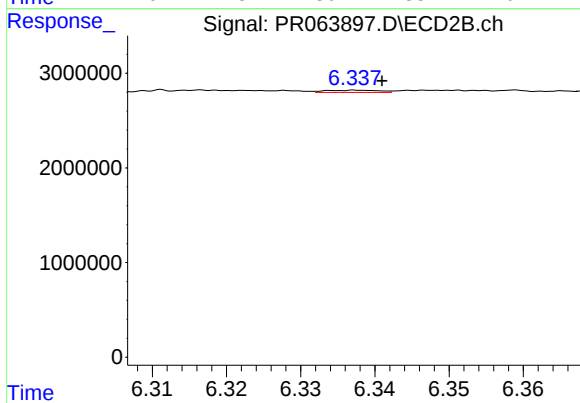
#29 AR-1254-4

R.T.: 5.897 min
Delta R.T.: 0.012 min
Response: 902922
Conc: 5.01 ng/ml



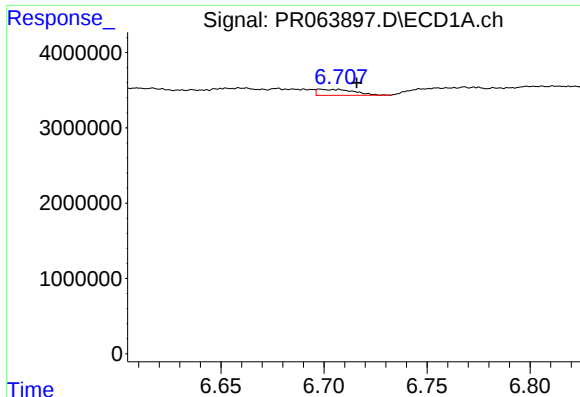
#30 AR-1254-5

R.T.: 7.315 min
Delta R.T.: 0.007 min
Response: 920673
Conc: 3.38 ng/ml



#30 AR-1254-5

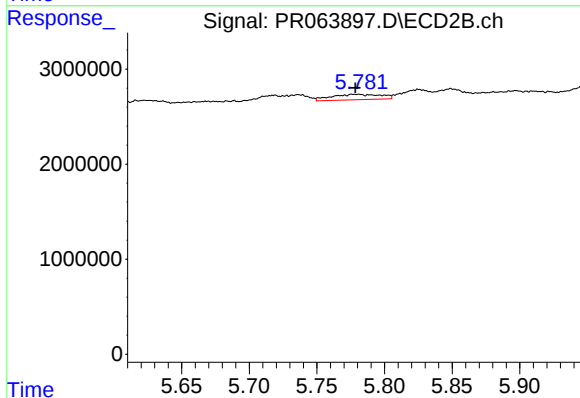
R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 118616
Conc: 0.44 ng/ml



#31 AR-1260-1

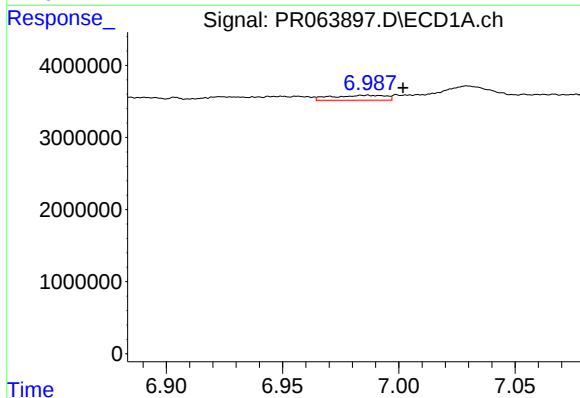
R.T.: 6.698 min
Delta R.T.: -0.018 min
Response: 981104
Conc: 3.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



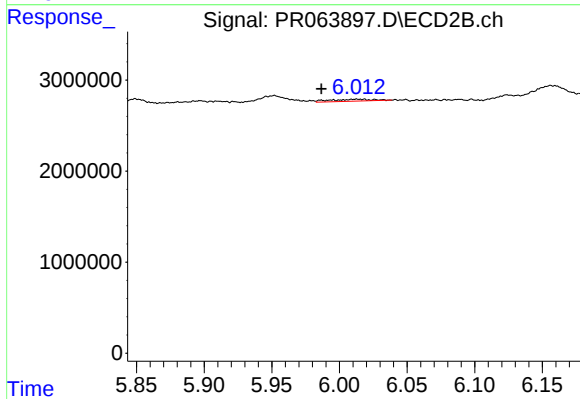
#31 AR-1260-1

R.T.: 5.780 min
Delta R.T.: 0.002 min
Response: 1464751
Conc: 6.84 ng/ml



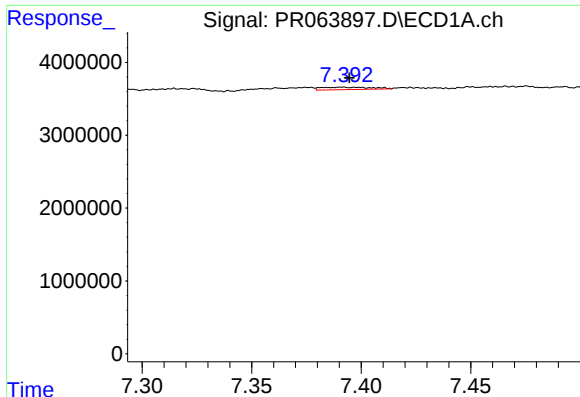
#32 AR-1260-2

R.T.: 6.986 min
Delta R.T.: -0.016 min
Response: 1114773
Conc: 3.48 ng/ml



#32 AR-1260-2

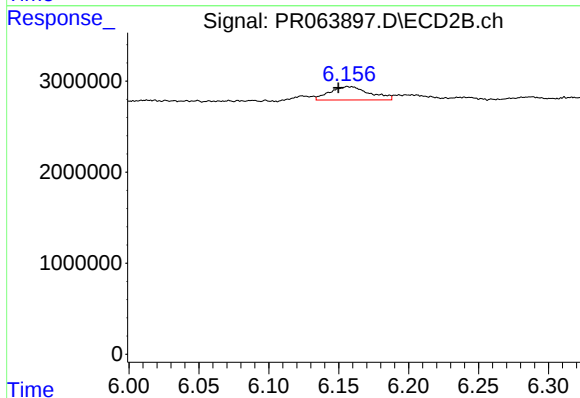
R.T.: 6.013 min
Delta R.T.: 0.026 min
Response: 462059
Conc: 1.81 ng/ml



#33 AR-1260-3

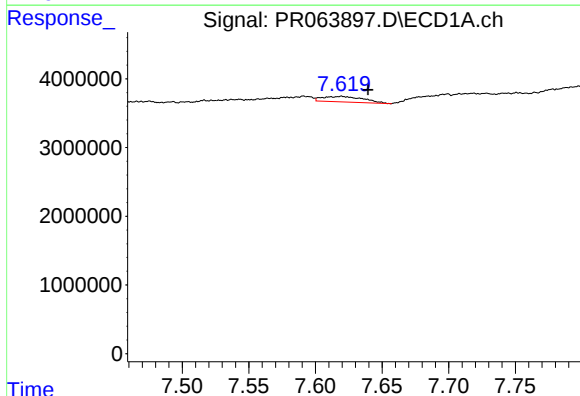
R.T.: 7.391 min
Delta R.T.: -0.003 min
Response: 519685
Conc: 2.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



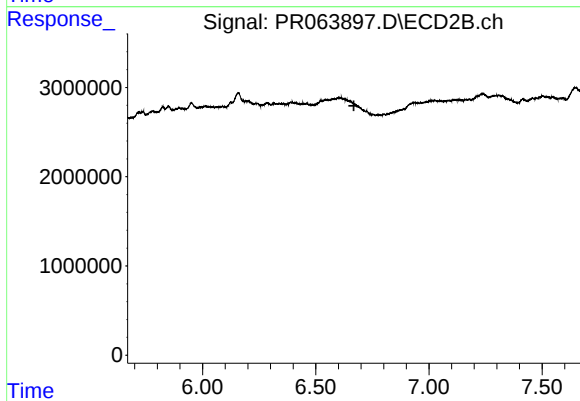
#33 AR-1260-3

R.T.: 6.157 min
Delta R.T.: 0.007 min
Response: 2882486
Conc: 11.44 ng/ml



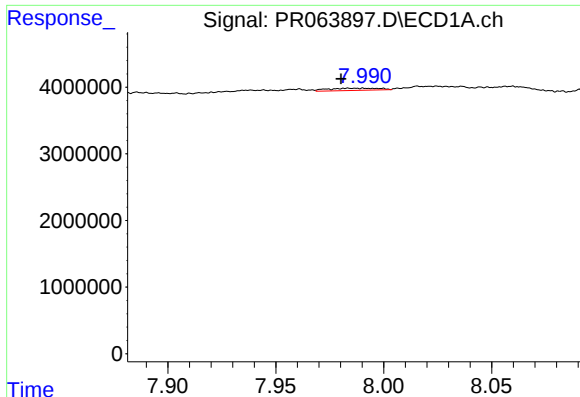
#34 AR-1260-4

R.T.: 7.620 min
Delta R.T.: -0.020 min
Response: 1716110
Conc: 7.07 ng/ml



#34 AR-1260-4

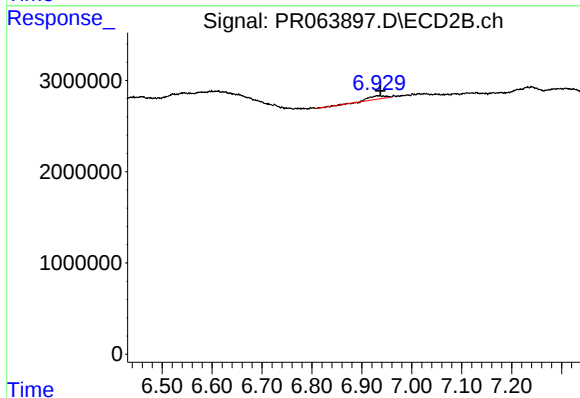
R.T.: 0.000 min
Exp R.T.: 6.668 min
Response: 0
Conc: N.D.



#35 AR-1260-5

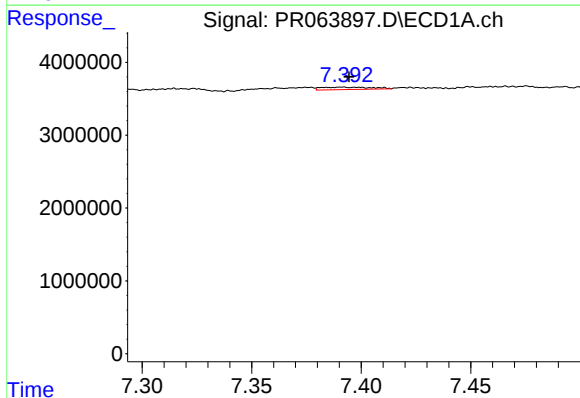
R.T.: 7.990 min
Delta R.T.: 0.010 min
Response: 569178
Conc: 1.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



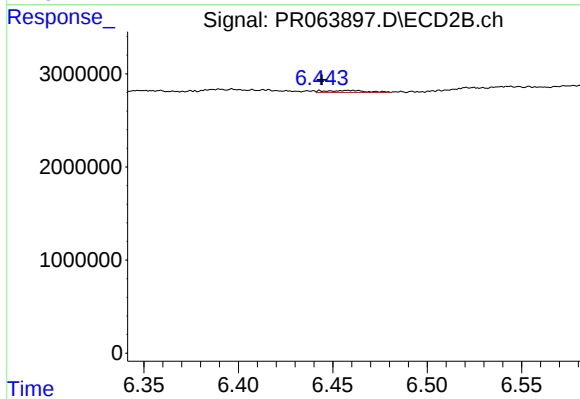
#35 AR-1260-5

R.T.: 6.930 min
Delta R.T.: -0.007 min
Response: 832234
Conc: 2.26 ng/ml



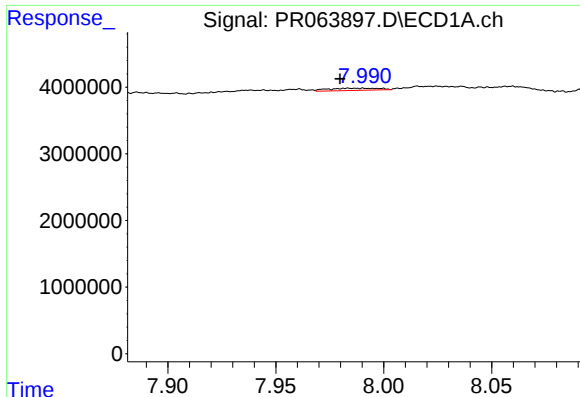
#36 AR-1262-1

R.T.: 7.391 min
Delta R.T.: -0.003 min
Response: 519685
Conc: 1.59 ng/ml



#36 AR-1262-1

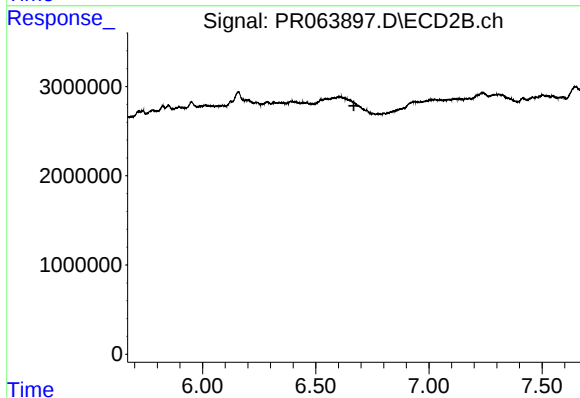
R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 316757
Conc: 2.93 ng/ml



#37 AR-1262-2

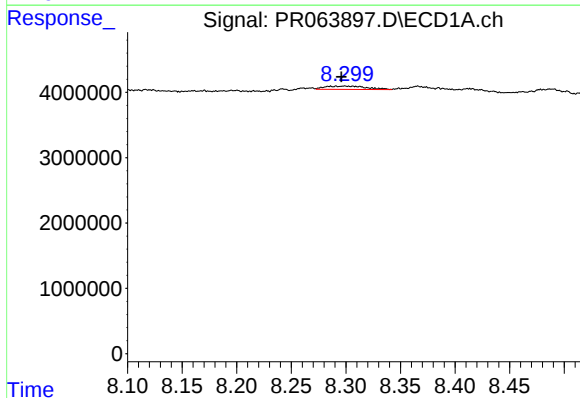
R.T.: 7.990 min
Delta R.T.: 0.011 min
Response: 569178
Conc: 1.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



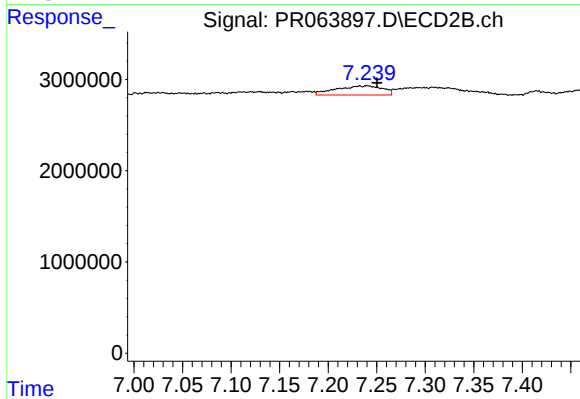
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.668 min
Response: 0
Conc: N.D.



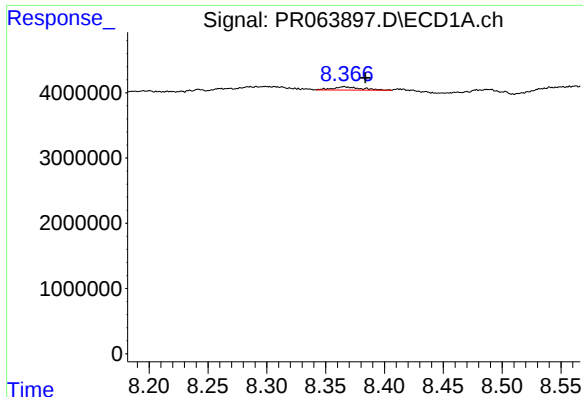
#38 AR-1262-3

R.T.: 8.291 min
Delta R.T.: -0.005 min
Response: 1314649
Conc: 3.51 ng/ml



#38 AR-1262-3

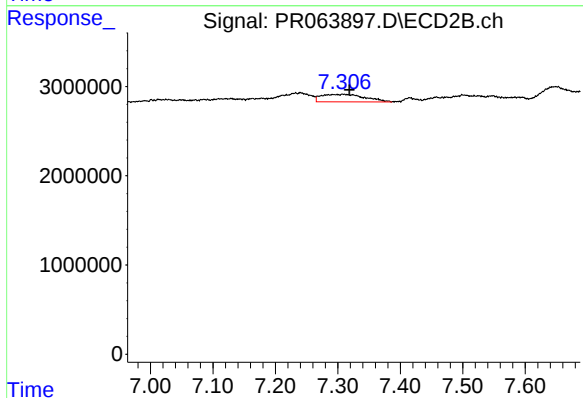
R.T.: 7.232 min
Delta R.T.: -0.018 min
Response: 3358882
Conc: 19.53 ng/ml



#39 AR-1262-4

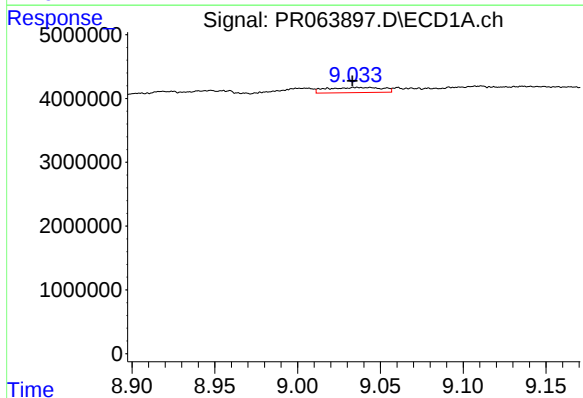
R.T.: 8.366 min
Delta R.T.: -0.018 min
Response: 844693
Conc: 2.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



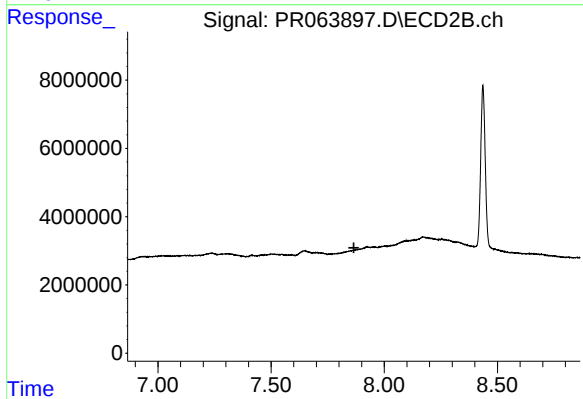
#39 AR-1262-4

R.T.: 7.308 min
Delta R.T.: -0.011 min
Response: 4121622
Conc: 12.88 ng/ml



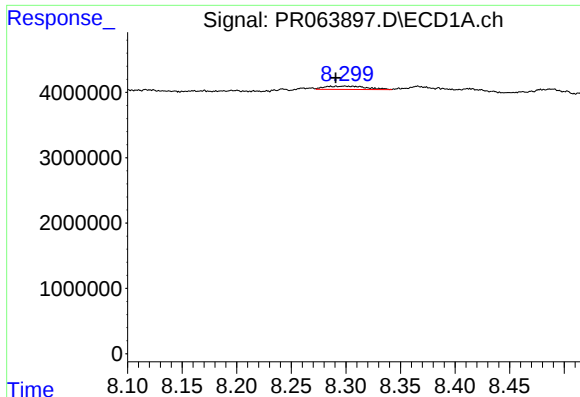
#40 AR-1262-5

R.T.: 9.044 min
Delta R.T.: 0.011 min
Response: 1926129
Conc: 9.38 ng/ml



#40 AR-1262-5

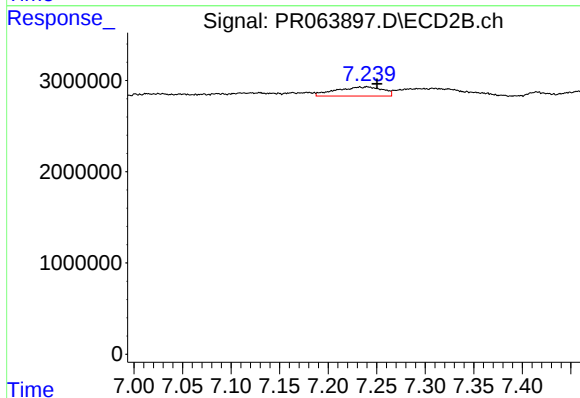
R.T.: 0.000 min
Exp R.T. : 7.866 min
Response: 0
Conc: N.D.



#41 AR-1268-1

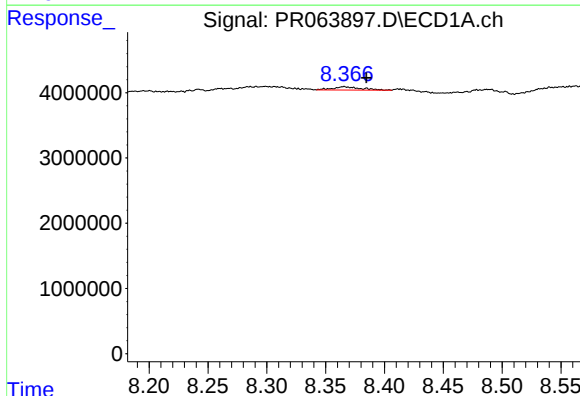
R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 1314649
Conc: 2.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



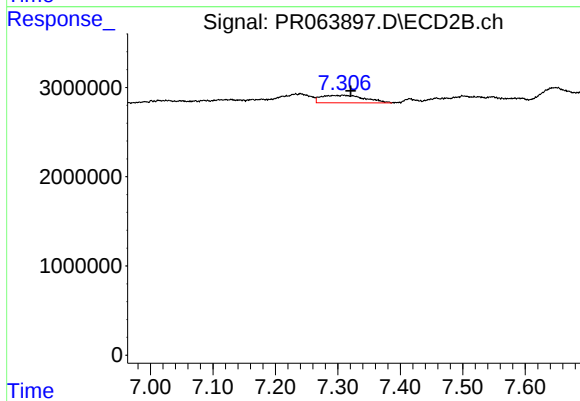
#41 AR-1268-1

R.T.: 7.232 min
Delta R.T.: -0.018 min
Response: 3358882
Conc: 6.94 ng/ml



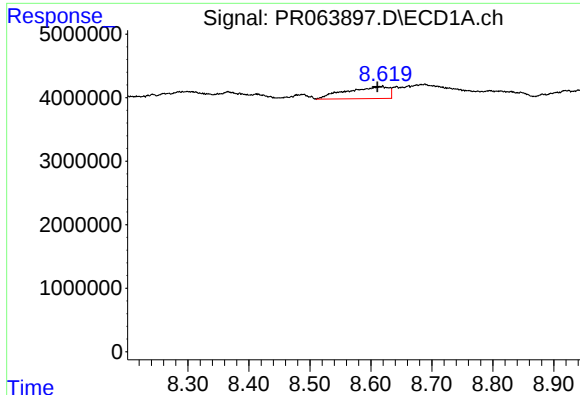
#42 AR-1268-2

R.T.: 8.366 min
Delta R.T.: -0.019 min
Response: 844693
Conc: 1.46 ng/ml



#42 AR-1268-2

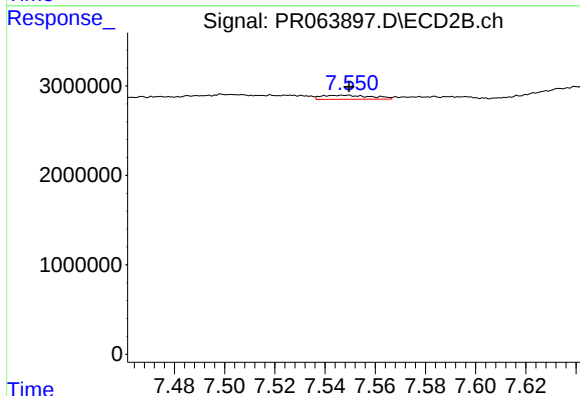
R.T.: 7.308 min
Delta R.T.: -0.013 min
Response: 4121622
Conc: 9.27 ng/ml



#43 AR-1268-3

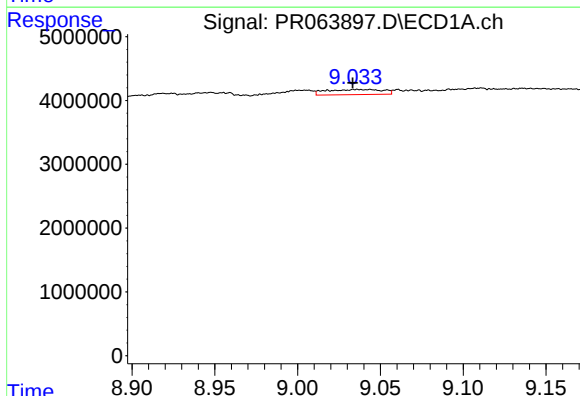
R.T.: 8.619 min
Delta R.T.: 0.008 min
Response: 9097825
Conc: 17.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



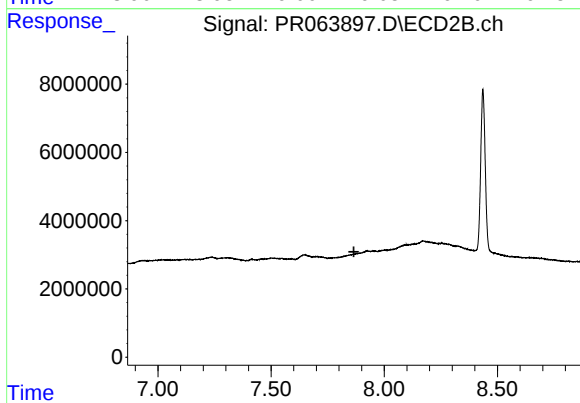
#43 AR-1268-3

R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 629949
Conc: 1.68 ng/ml



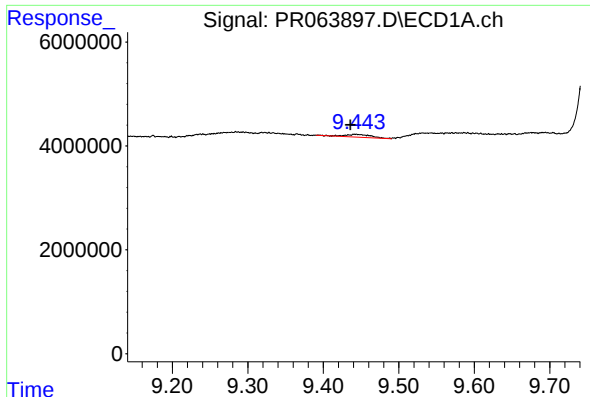
#44 AR-1268-4

R.T.: 9.044 min
Delta R.T.: 0.010 min
Response: 1926129
Conc: 8.77 ng/ml



#44 AR-1268-4

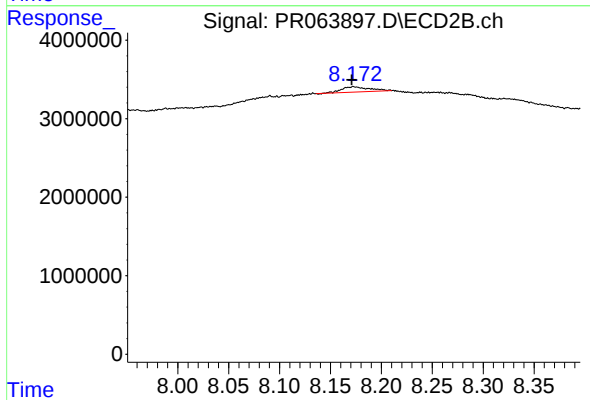
R.T.: 0.000 min
Exp R.T. : 7.866 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.442 min
Delta R.T.: 0.006 min
Response: 1260538
Conc: 0.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.173 min
Delta R.T.: 0.002 min
Response: 1341498
Conc: 1.21 ng/ml