

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102122\
 Data File : PR057533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2022 19:38
 Operator : AJ\MA
 Sample : N5219-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 03:46:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102022.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 21 06:41:26 2022
 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...	3.692	2.926	56413591	34063502	21.848	22.493
2)	SA Decachlor...	9.637	8.189	30479770	26665190	12.570	12.971
Target Compounds							
3)	L1 AR-1016-1	4.908	4.064f	953512	319670	8.910	6.544 #
4)	L1 AR-1016-2	0.000	4.064	0	319670	N.D.	4.306 #
5)	L1 AR-1016-3	5.015	0.000	285133	0	3.192	N.D. #
6)	L1 AR-1016-4	5.109	4.286	363485	189692	4.881	7.352 #
7)	L1 AR-1016-5	5.455f	4.498	343449	426742	4.710	11.427 #
8)	L2 AR-1221-1	3.940f	0.000	318810	0	9.650	N.D. #
9)	L2 AR-1221-2	4.006	3.228	1295908	398211	52.845	29.115 #
10)	L2 AR-1221-3	4.105f	3.293f	213676	85499	2.796	2.052 #
11)	L3 AR-1232-1	4.105f	3.293f	213676	85499	3.605	2.682 #
12)	L3 AR-1232-2	4.630	4.064	1131658	319670	32.229	9.653 #
14)	L3 AR-1232-4	5.109	0.000	363485	0	10.681	N.D. #
15)	L3 AR-1232-5	5.221	4.498	165165	426742	6.708	25.814 #
16)	L4 AR-1242-1	4.908	4.064f	953512	319670	11.119	8.359
17)	L4 AR-1242-2	0.000	4.064	0	319670	N.D.	5.519 #
18)	L4 AR-1242-3	5.015	0.000	285133	0	4.012	N.D. #
19)	L4 AR-1242-4	5.109	0.000	363485	0	6.087	N.D. #
20)	L4 AR-1242-5	0.000	4.878	0	230882	N.D.	6.013 #
21)	L5 AR-1248-1	4.908	4.064f	953512	319670	14.764	10.828 #
22)	L5 AR-1248-2	5.221	4.286	165165	189692	1.998	5.279 #
23)	L5 AR-1248-3	5.455f	0.000	343449	0	3.524	N.D. #
24)	L5 AR-1248-4	0.000	4.498	0	426742	N.D.	8.677 #
25)	L5 AR-1248-5	0.000	4.906f	0	912522	N.D.	17.440 #
26)	L6 AR-1254-1	0.000	4.878	0	230882	N.D.	3.061 #
27)	L6 AR-1254-2	6.079	5.040	915823	218251	4.753	3.260 #
28)	L6 AR-1254-3	6.458	5.453	1221889	456511	6.023	3.727 #
29)	L6 AR-1254-4	6.783	5.708	675149	890130	4.355	11.671 #
30)	L6 AR-1254-5	7.262f	6.152	1599811	610373	9.230	5.541 #
31)	L7 AR-1260-1	0.000	5.580f	0	410705	N.D.	5.630 #
32)	L7 AR-1260-2	6.916f	5.826f	1183589	225653	6.843	2.571 #
33)	L7 AR-1260-3	7.300f	5.985f	1042257	778314	9.436	9.015
34)	L7 AR-1260-4	7.573	6.495f	5247181	2881888	39.565	43.602
35)	L7 AR-1260-5	7.891f	6.758f	1671708	961253	6.391	5.688
36)	L8 AR-1262-1	7.300f	6.198	1042257	117987	5.448	1.182 #
37)	L8 AR-1262-2	7.891	6.495f	1671708	2881888	4.819	29.332 #
38)	L8 AR-1262-3	0.000	7.032	0	1153150	N.D.	13.375 #
39)	L8 AR-1262-4	8.281f	7.120	919010	724896	9.099	4.090 #
40)	L8 AR-1262-5	8.930	0.000	987085	0	8.177	N.D. #
41)	L9 AR-1268-1	0.000	7.032	0	1153150	N.D.	4.205 #
42)	L9 AR-1268-2	8.281f	7.120	919010	724896	2.449	2.539

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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
43) L9	AR-1268-3	8.518	7.346	283529	1469331	0.901	6.104 #
44) L9	AR-1268-4	8.930	0.000	987085	0	6.990	N.D. #
45) L9	AR-1268-5	9.323	7.932	478133	509484	0.462	0.548

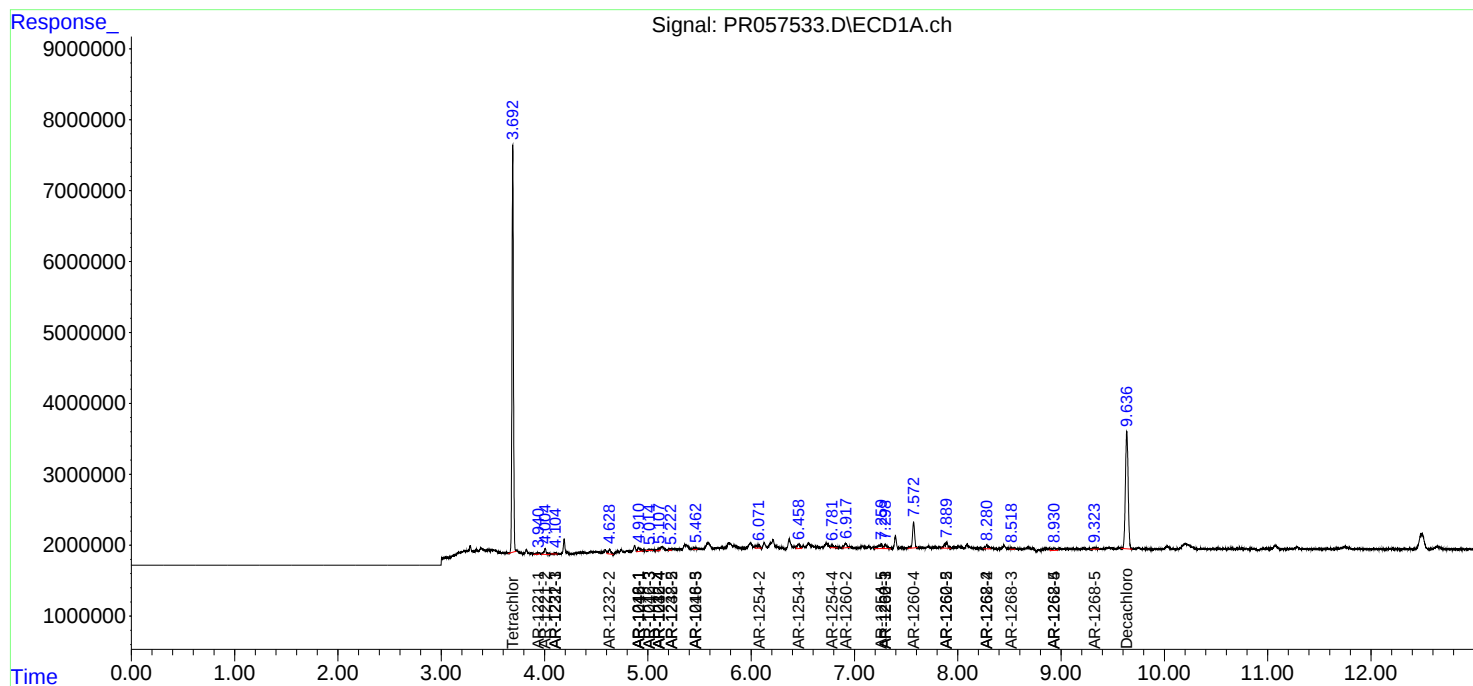
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

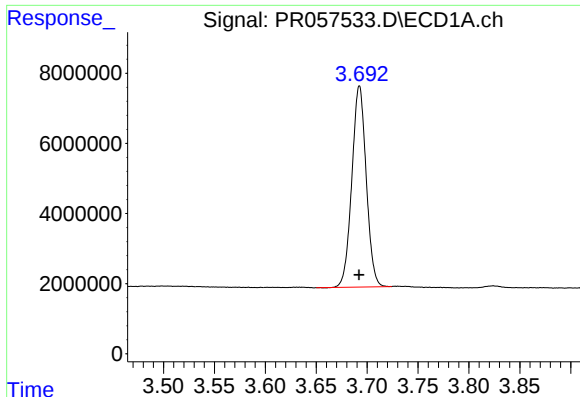
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

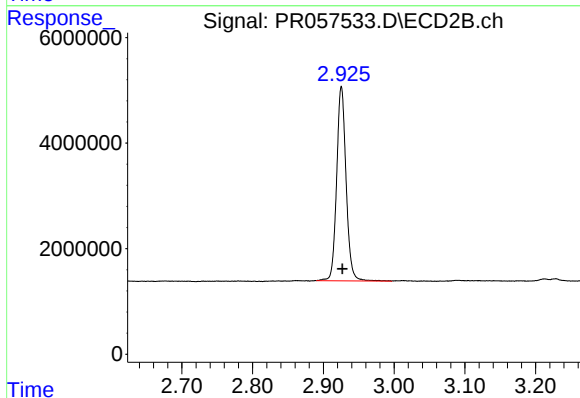




#1 Tetrachloro-m-xylene

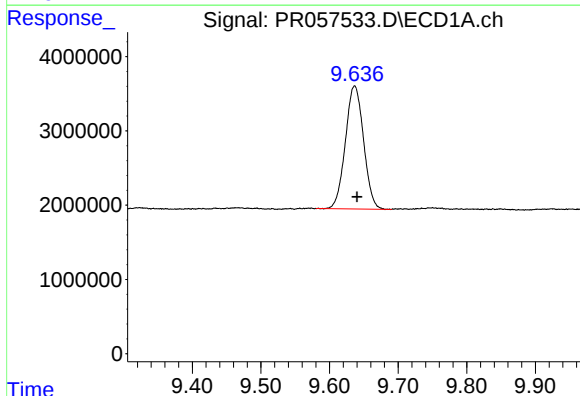
R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 56413591
Conc: 21.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



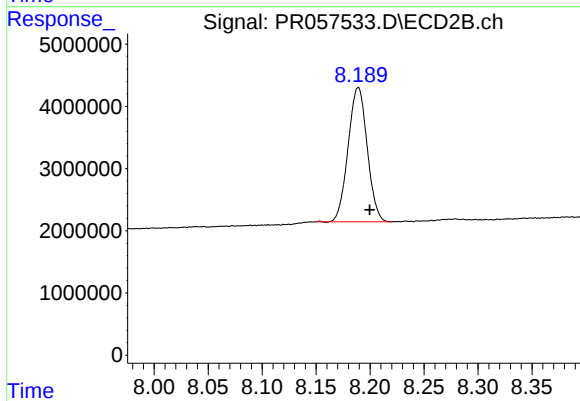
#1 Tetrachloro-m-xylene

R.T.: 2.926 min
Delta R.T.: -0.001 min
Response: 34063502
Conc: 22.49 ng/ml



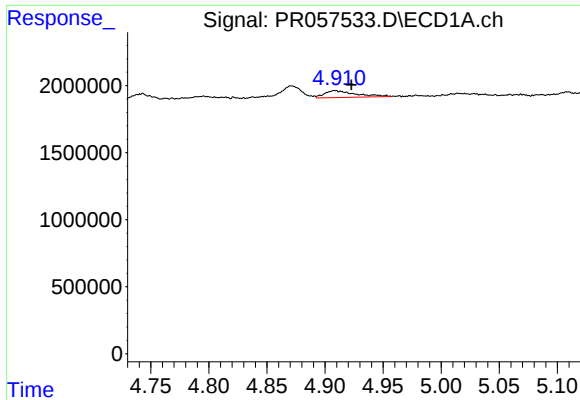
#2 Decachlorobiphenyl

R.T.: 9.637 min
Delta R.T.: -0.004 min
Response: 30479770
Conc: 12.57 ng/ml



#2 Decachlorobiphenyl

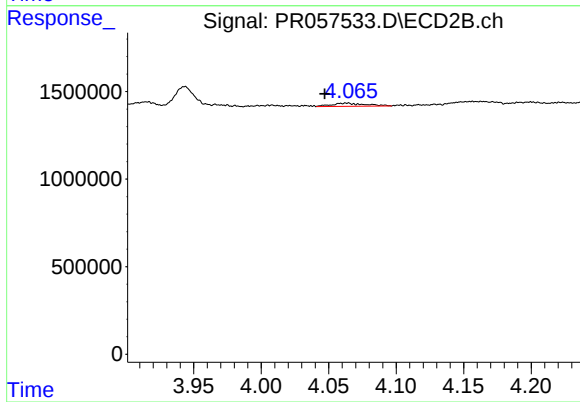
R.T.: 8.189 min
Delta R.T.: -0.011 min
Response: 26665190
Conc: 12.97 ng/ml



#3 AR-1016-1

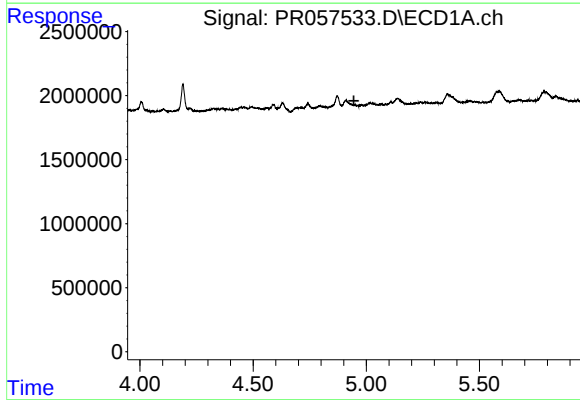
R.T.: 4.908 min
Delta R.T.: -0.014 min
Response: 953512
Conc: 8.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



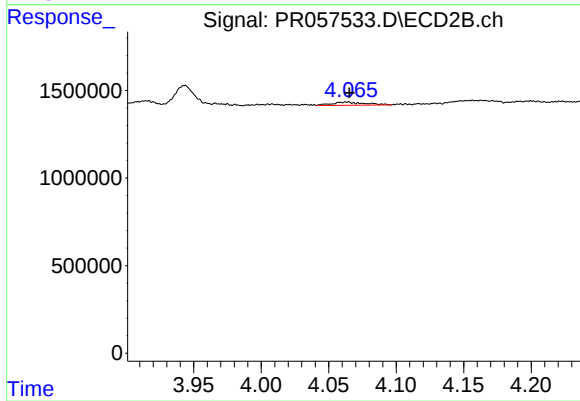
#3 AR-1016-1

R.T.: 4.064 min
Delta R.T.: 0.017 min
Response: 319670
Conc: 6.54 ng/ml



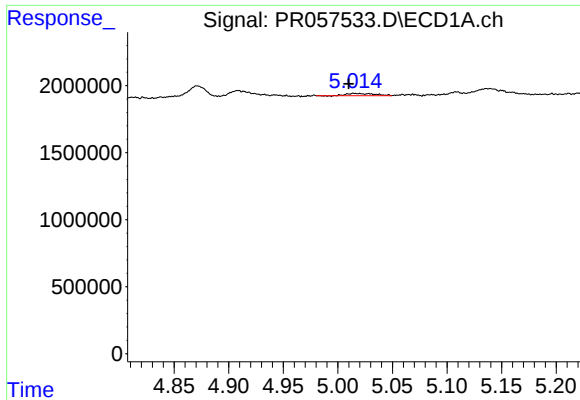
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.945 min
Response: 0
Conc: N.D.



#4 AR-1016-2

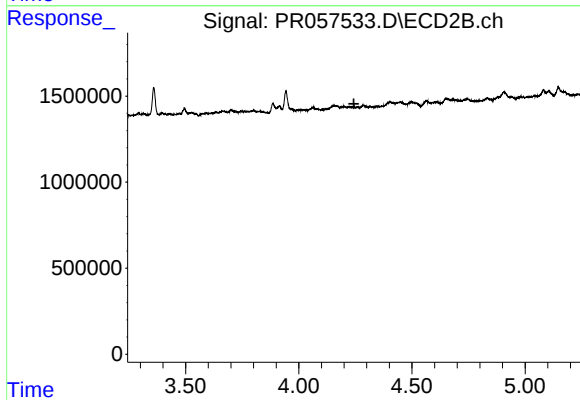
R.T.: 4.064 min
Delta R.T.: -0.001 min
Response: 319670
Conc: 4.31 ng/ml



#5 AR-1016-3

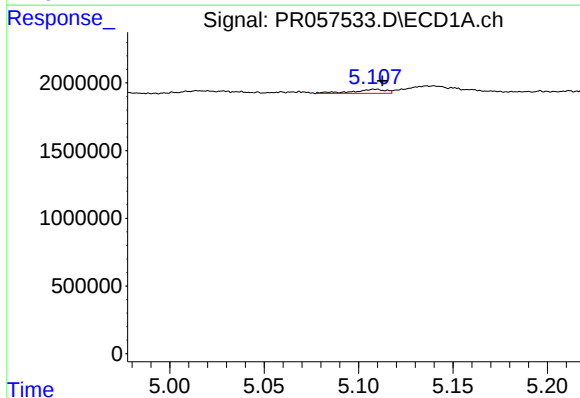
R.T.: 5.015 min
Delta R.T.: 0.005 min
Response: 285133
Conc: 3.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



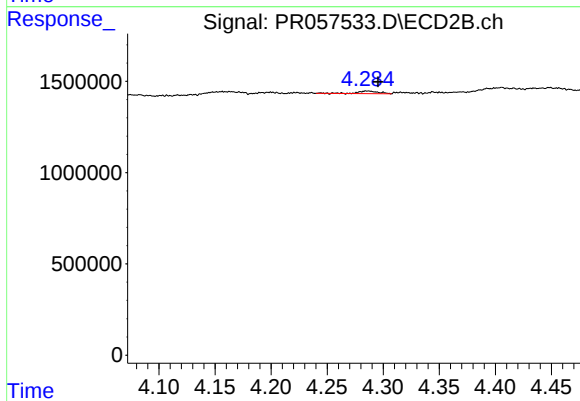
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.244 min
Response: 0
Conc: N.D.



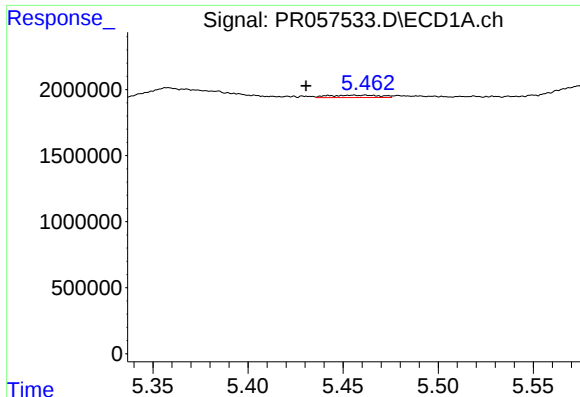
#6 AR-1016-4

R.T.: 5.109 min
Delta R.T.: -0.004 min
Response: 363485
Conc: 4.88 ng/ml



#6 AR-1016-4

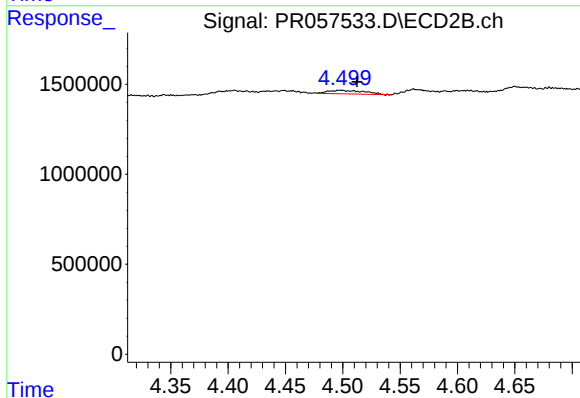
R.T.: 4.286 min
Delta R.T.: -0.010 min
Response: 189692
Conc: 7.35 ng/ml



#7 AR-1016-5

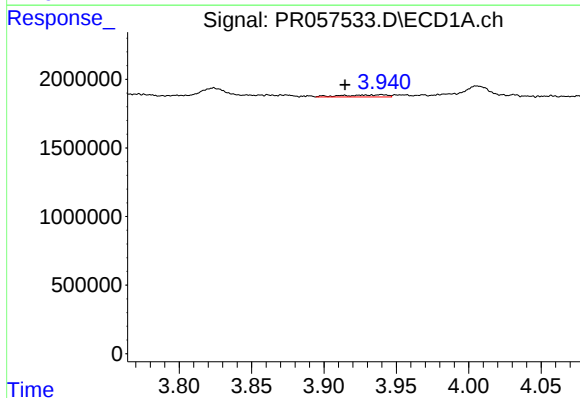
R.T.: 5.455 min
Delta R.T.: 0.025 min
Response: 343449
Conc: 4.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



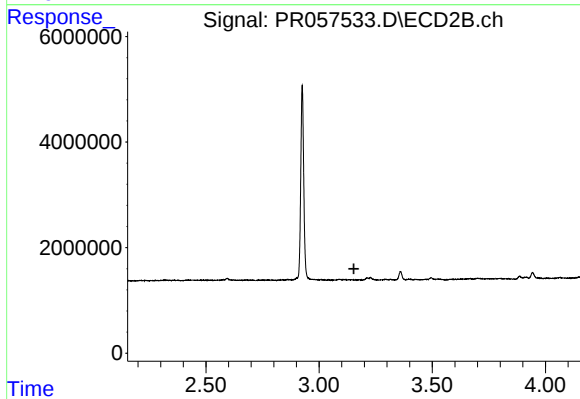
#7 AR-1016-5

R.T.: 4.498 min
Delta R.T.: -0.014 min
Response: 426742
Conc: 11.43 ng/ml



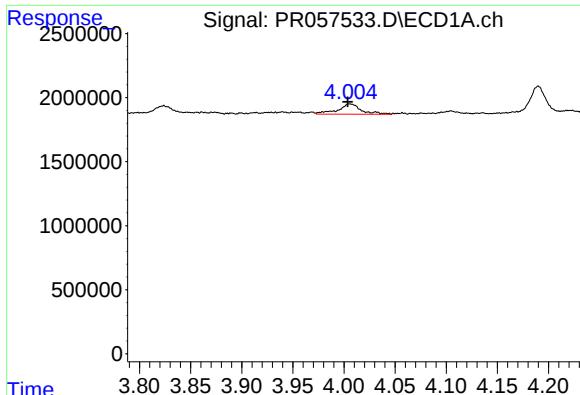
#8 AR-1221-1

R.T.: 3.940 min
Delta R.T.: 0.025 min
Response: 318810
Conc: 9.65 ng/ml



#8 AR-1221-1

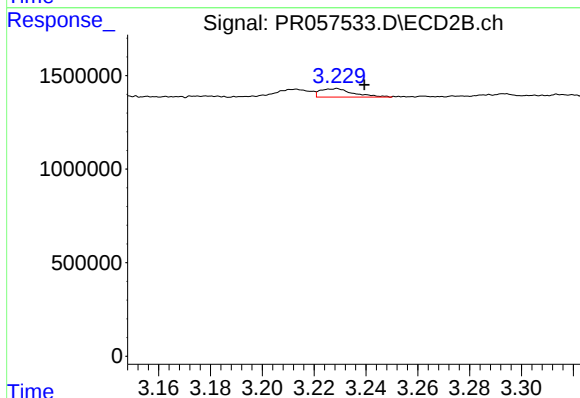
R.T.: 0.000 min
Exp R.T. : 3.154 min
Response: 0
Conc: N.D.



#9 AR-1221-2

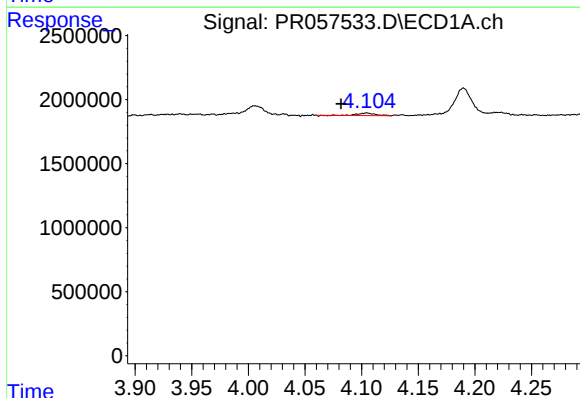
R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 1295908
Conc: 52.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



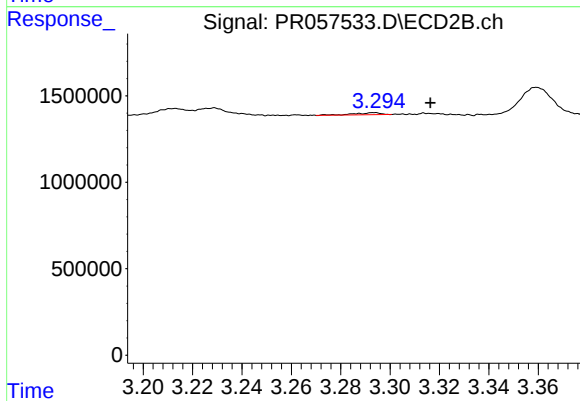
#9 AR-1221-2

R.T.: 3.228 min
Delta R.T.: -0.011 min
Response: 398211
Conc: 29.12 ng/ml



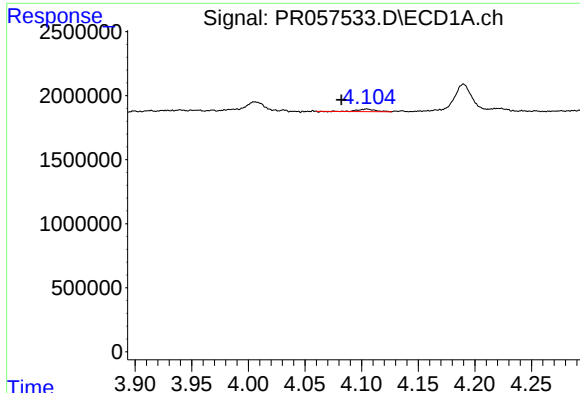
#10 AR-1221-3

R.T.: 4.105 min
Delta R.T.: 0.023 min
Response: 213676
Conc: 2.80 ng/ml



#10 AR-1221-3

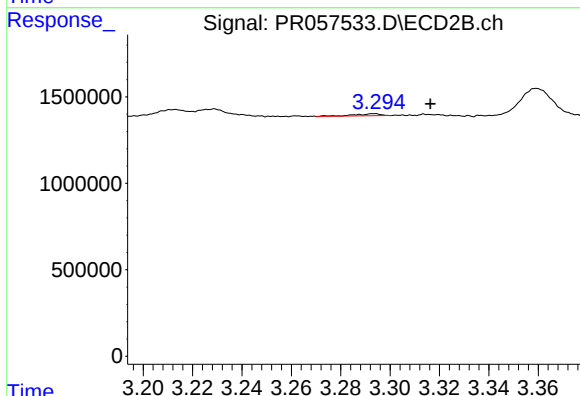
R.T.: 3.293 min
Delta R.T.: -0.023 min
Response: 85499
Conc: 2.05 ng/ml



#11 AR-1232-1

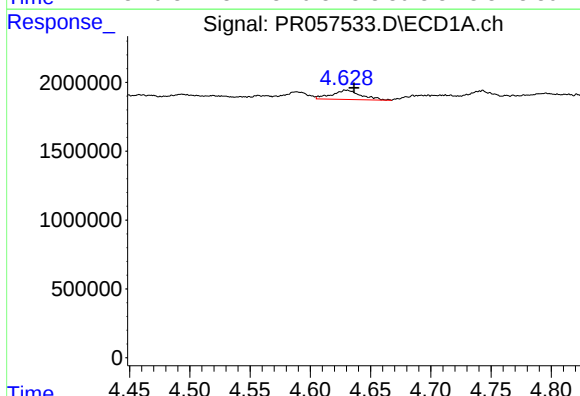
R.T.: 4.105 min
Delta R.T.: 0.023 min
Response: 213676
Conc: 3.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



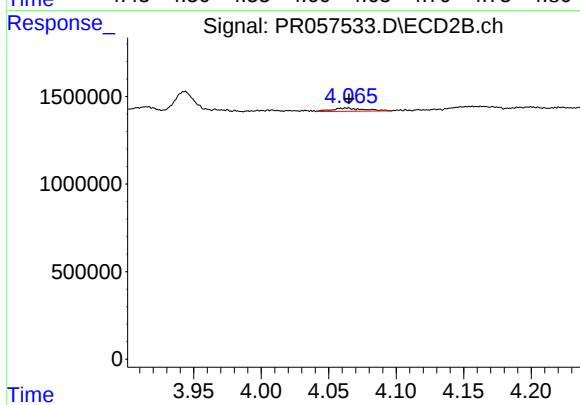
#11 AR-1232-1

R.T.: 3.293 min
Delta R.T.: -0.023 min
Response: 85499
Conc: 2.68 ng/ml



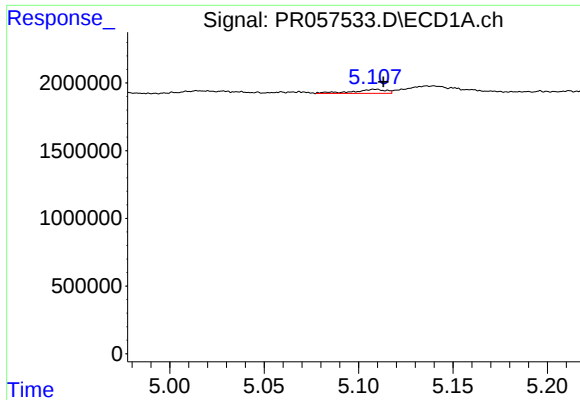
#12 AR-1232-2

R.T.: 4.630 min
Delta R.T.: -0.006 min
Response: 1131658
Conc: 32.23 ng/ml



#12 AR-1232-2

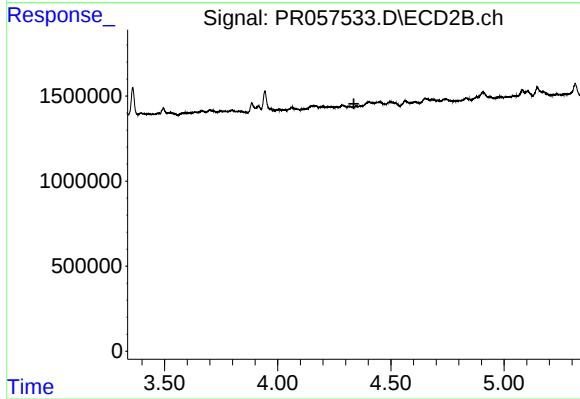
R.T.: 4.064 min
Delta R.T.: -0.001 min
Response: 319670
Conc: 9.65 ng/ml



#14 AR-1232-4

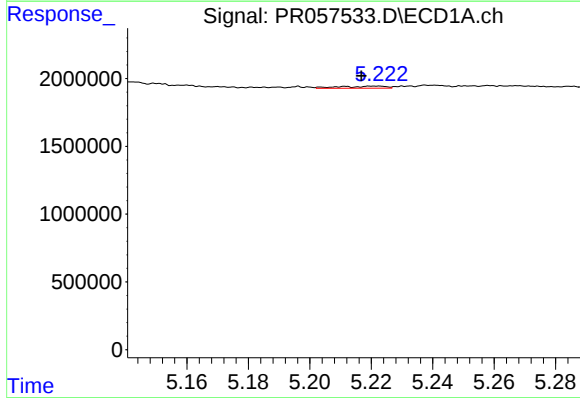
R.T.: 5.109 min
Delta R.T.: -0.004 min
Response: 363485
Conc: 10.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



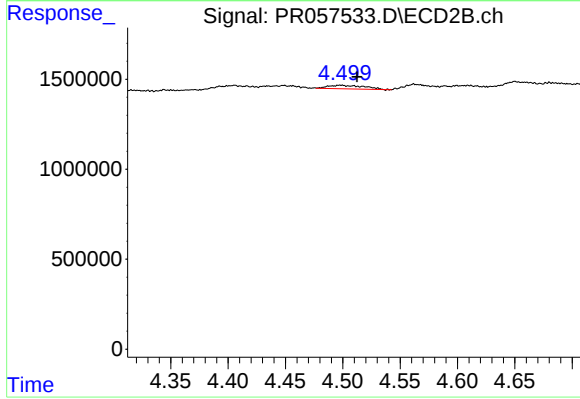
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.336 min
Response: 0
Conc: N.D.



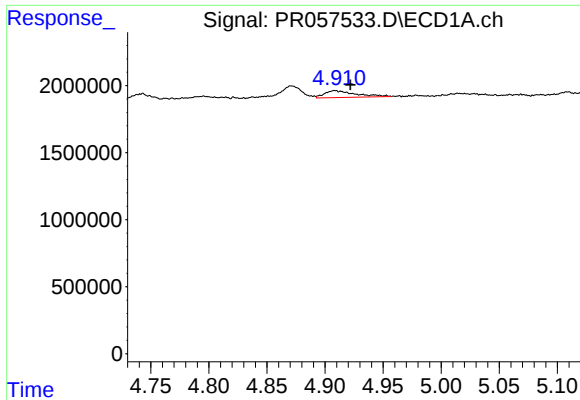
#15 AR-1232-5

R.T.: 5.221 min
Delta R.T.: 0.004 min
Response: 165165
Conc: 6.71 ng/ml



#15 AR-1232-5

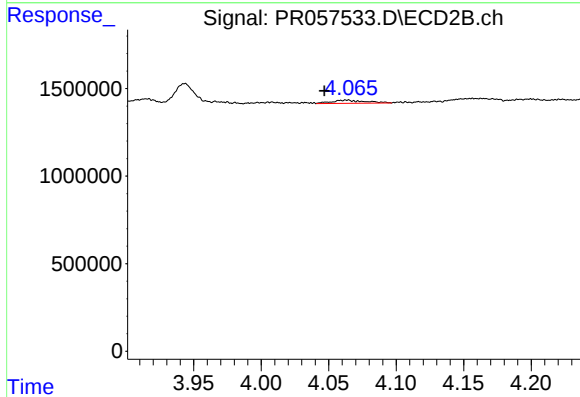
R.T.: 4.498 min
Delta R.T.: -0.014 min
Response: 426742
Conc: 25.81 ng/ml



#16 AR-1242-1

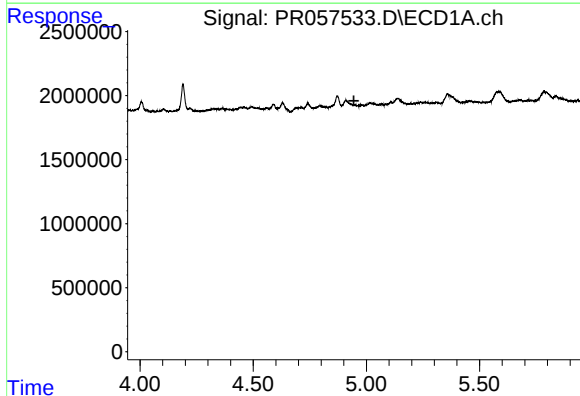
R.T.: 4.908 min
Delta R.T.: -0.014 min
Response: 953512
Conc: 11.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



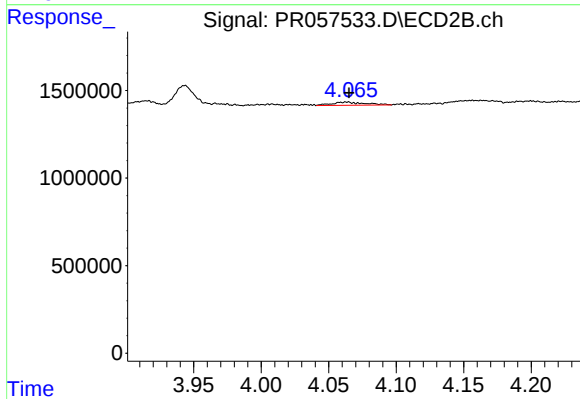
#16 AR-1242-1

R.T.: 4.064 min
Delta R.T.: 0.017 min
Response: 319670
Conc: 8.36 ng/ml



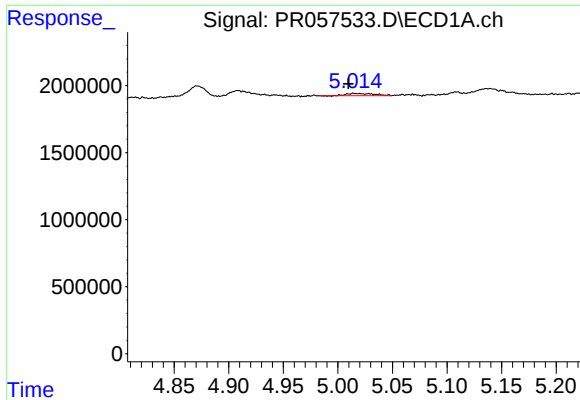
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.945 min
Response: 0
Conc: N.D.



#17 AR-1242-2

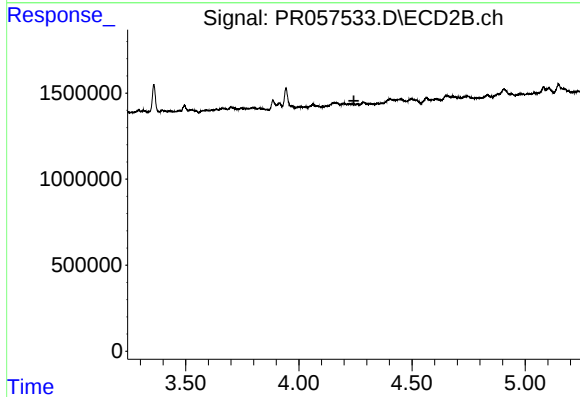
R.T.: 4.064 min
Delta R.T.: -0.001 min
Response: 319670
Conc: 5.52 ng/ml



#18 AR-1242-3

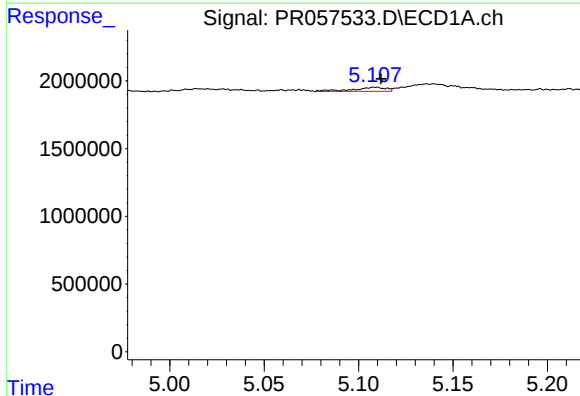
R.T.: 5.015 min
Delta R.T.: 0.006 min
Response: 285133
Conc: 4.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



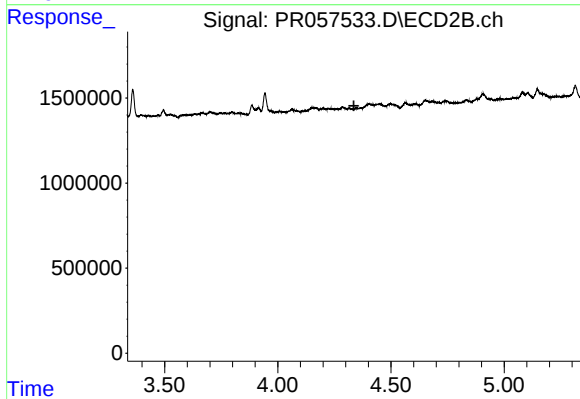
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.243 min
Response: 0
Conc: N.D.



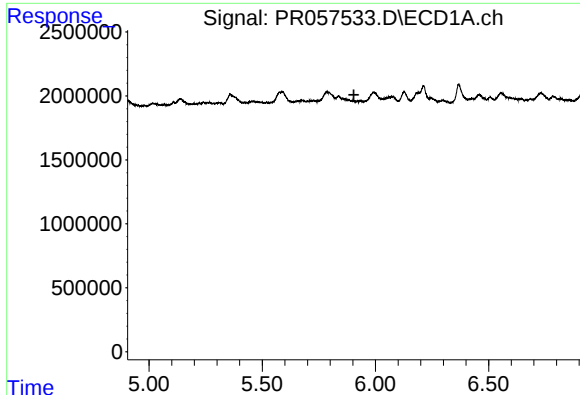
#19 AR-1242-4

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 363485
Conc: 6.09 ng/ml



#19 AR-1242-4

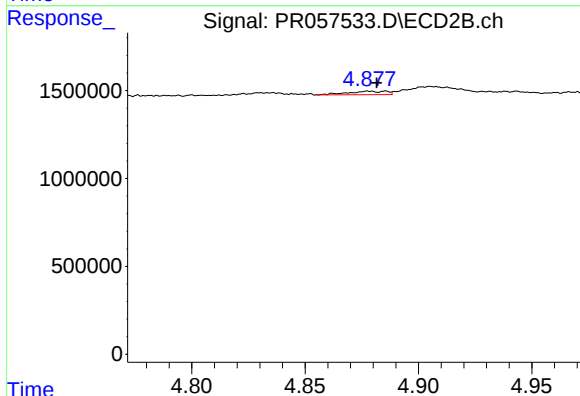
R.T.: 0.000 min
Exp R.T. : 4.336 min
Response: 0
Conc: N.D.



#20 AR-1242-5

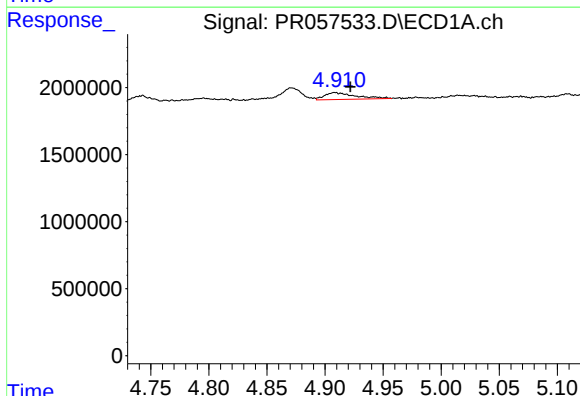
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



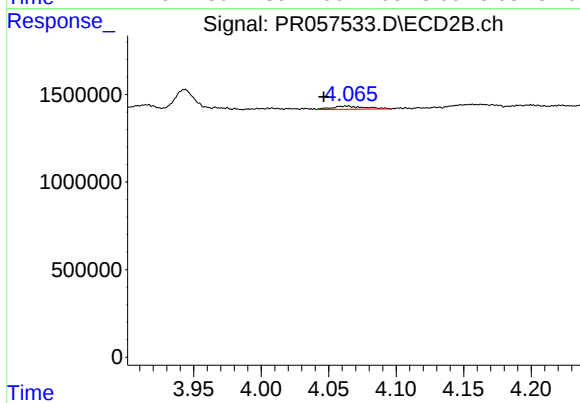
#20 AR-1242-5

R.T.: 4.878 min
Delta R.T.: -0.003 min
Response: 230882
Conc: 6.01 ng/ml



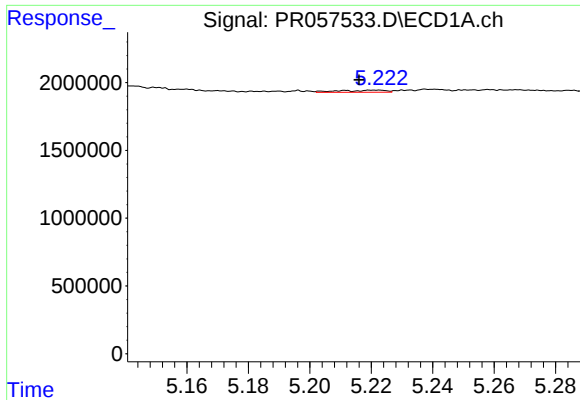
#21 AR-1248-1

R.T.: 4.908 min
Delta R.T.: -0.014 min
Response: 953512
Conc: 14.76 ng/ml



#21 AR-1248-1

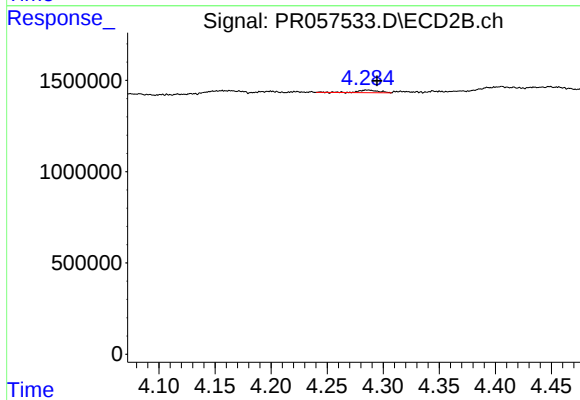
R.T.: 4.064 min
Delta R.T.: 0.018 min
Response: 319670
Conc: 10.83 ng/ml



#22 AR-1248-2

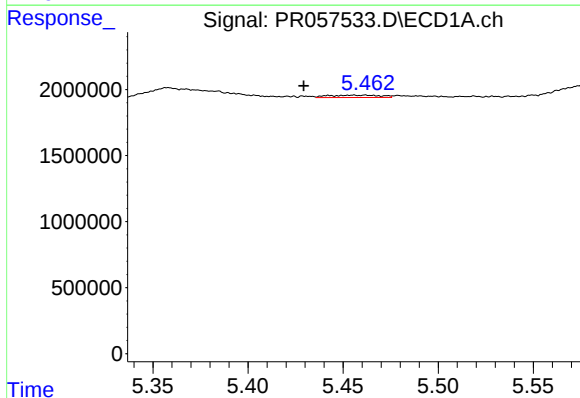
R.T.: 5.221 min
Delta R.T.: 0.005 min
Response: 165165
Conc: 2.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



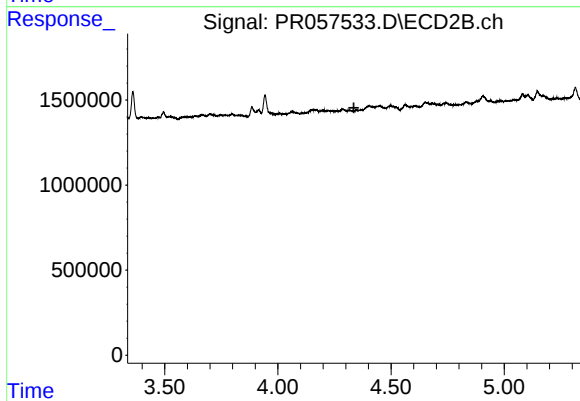
#22 AR-1248-2

R.T.: 4.286 min
Delta R.T.: -0.008 min
Response: 189692
Conc: 5.28 ng/ml



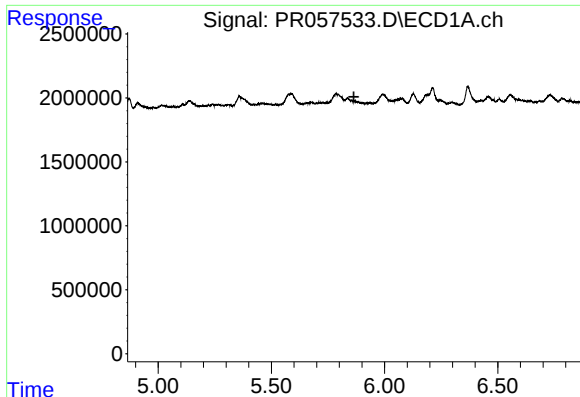
#23 AR-1248-3

R.T.: 5.455 min
Delta R.T.: 0.026 min
Response: 343449
Conc: 3.52 ng/ml



#23 AR-1248-3

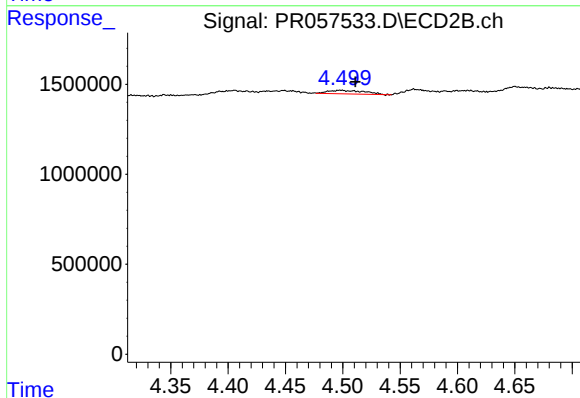
R.T.: 0.000 min
Exp R.T.: 4.336 min
Response: 0
Conc: N.D.



#24 AR-1248-4

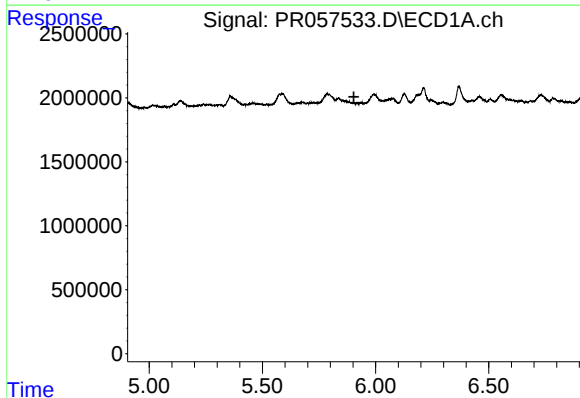
R.T.: 0.000 min
Exp R.T.: 5.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



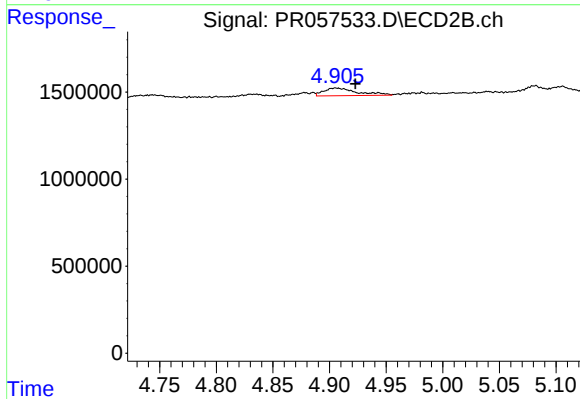
#24 AR-1248-4

R.T.: 4.498 min
Delta R.T.: -0.013 min
Response: 426742
Conc: 8.68 ng/ml



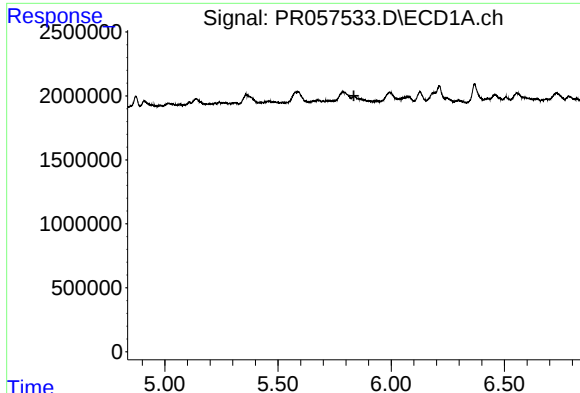
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 5.904 min
Response: 0
Conc: N.D.



#25 AR-1248-5

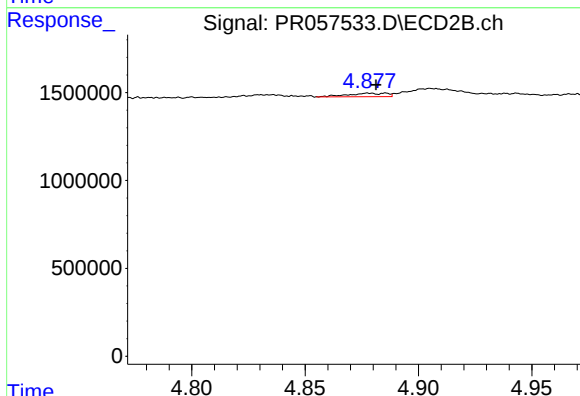
R.T.: 4.906 min
Delta R.T.: -0.017 min
Response: 912522
Conc: 17.44 ng/ml



#26 AR-1254-1

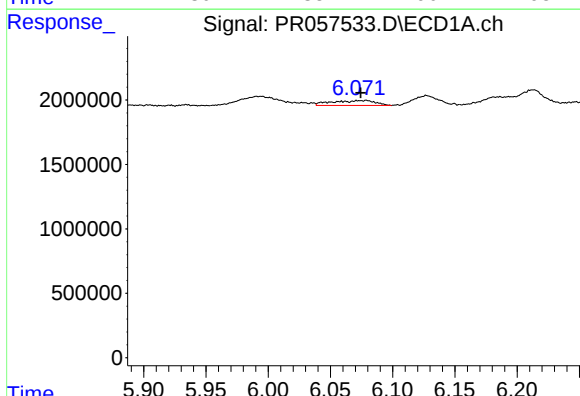
R.T.: 0.000 min
Exp R.T.: 5.835 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



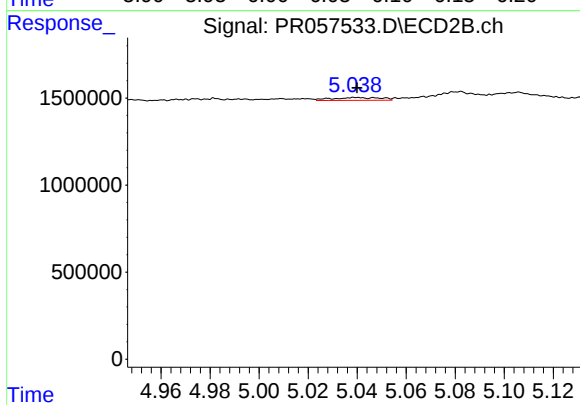
#26 AR-1254-1

R.T.: 4.878 min
Delta R.T.: -0.003 min
Response: 230882
Conc: 3.06 ng/ml



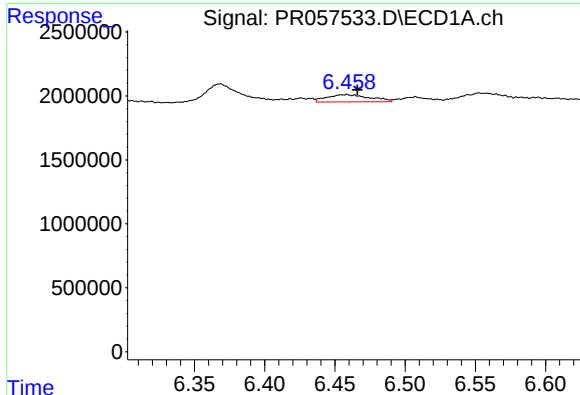
#27 AR-1254-2

R.T.: 6.079 min
Delta R.T.: 0.005 min
Response: 915823
Conc: 4.75 ng/ml



#27 AR-1254-2

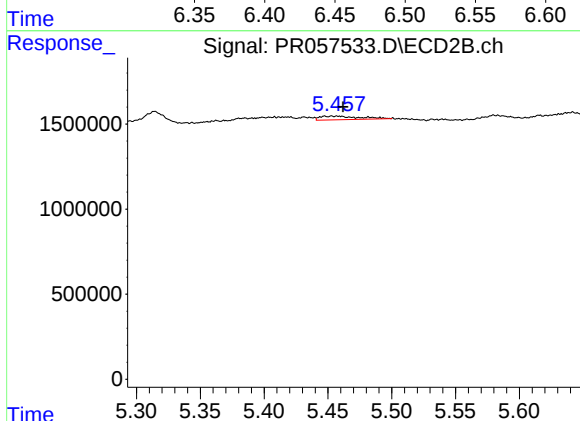
R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 218251
Conc: 3.26 ng/ml



#28 AR-1254-3

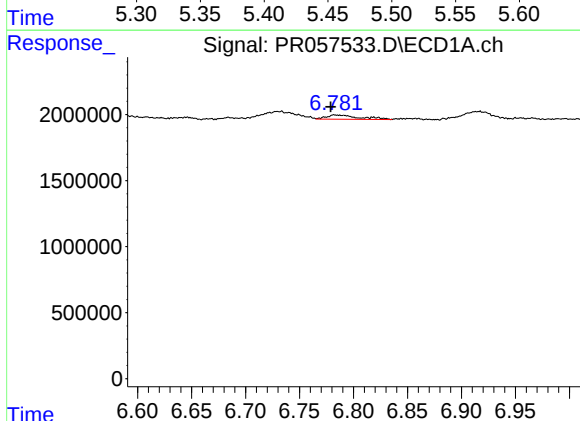
R.T.: 6.458 min
Delta R.T.: -0.008 min
Response: 1221889
Conc: 6.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



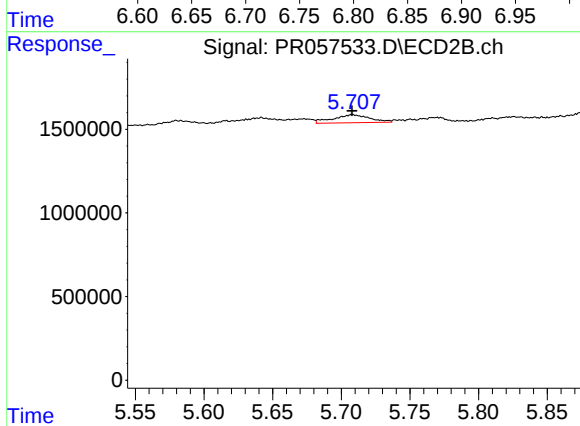
#28 AR-1254-3

R.T.: 5.453 min
Delta R.T.: -0.009 min
Response: 456511
Conc: 3.73 ng/ml



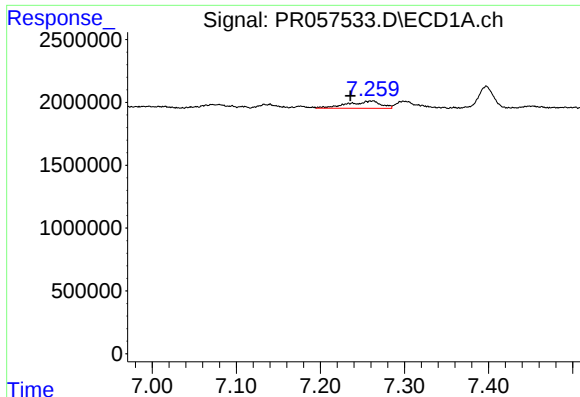
#29 AR-1254-4

R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 675149
Conc: 4.36 ng/ml



#29 AR-1254-4

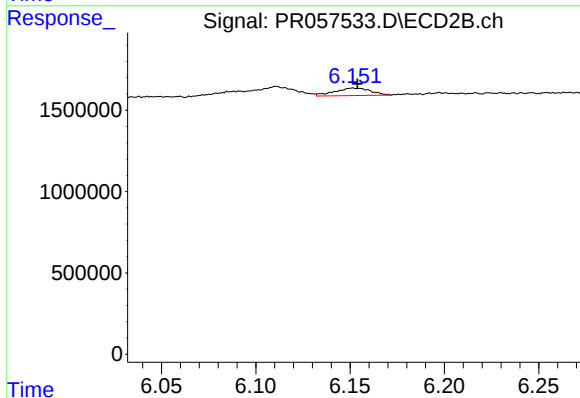
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 890130
Conc: 11.67 ng/ml



#30 AR-1254-5

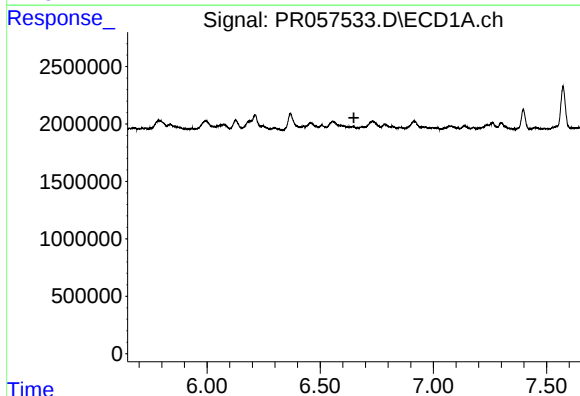
R.T.: 7.262 min
Delta R.T.: 0.027 min
Response: 1599811
Conc: 9.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



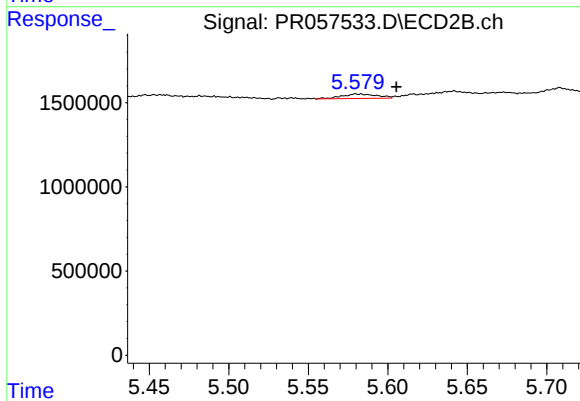
#30 AR-1254-5

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 610373
Conc: 5.54 ng/ml



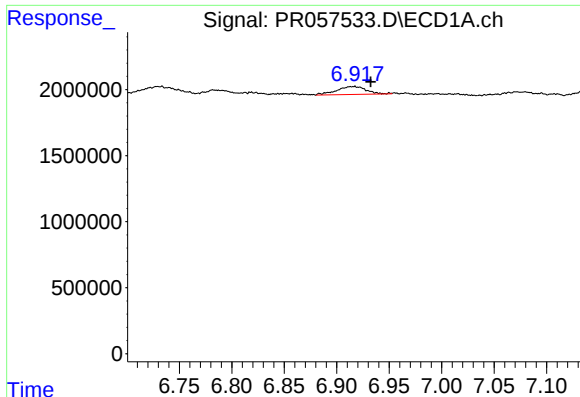
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.649 min
Response: 0
Conc: N.D.



#31 AR-1260-1

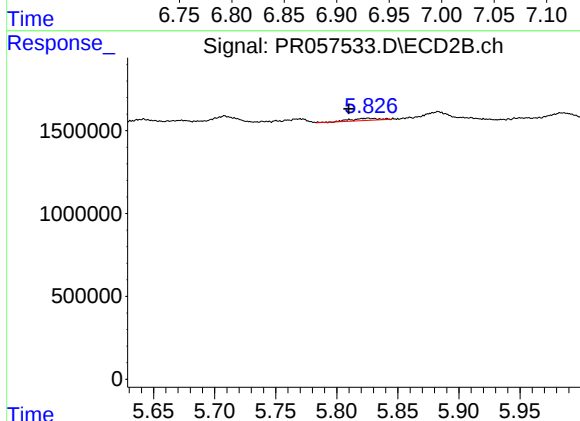
R.T.: 5.580 min
Delta R.T.: -0.025 min
Response: 410705
Conc: 5.63 ng/ml



#32 AR-1260-2

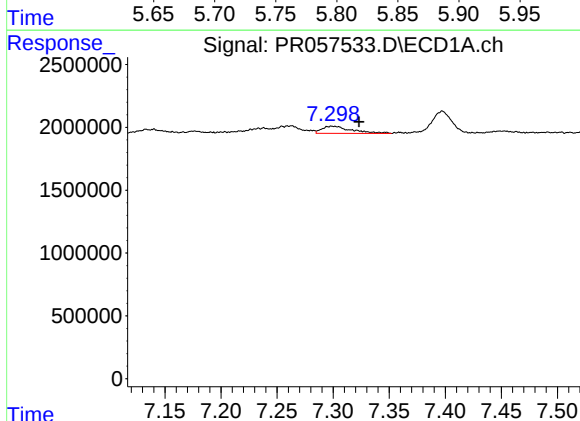
R.T.: 6.916 min
Delta R.T.: -0.016 min
Response: 1183589
Conc: 6.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



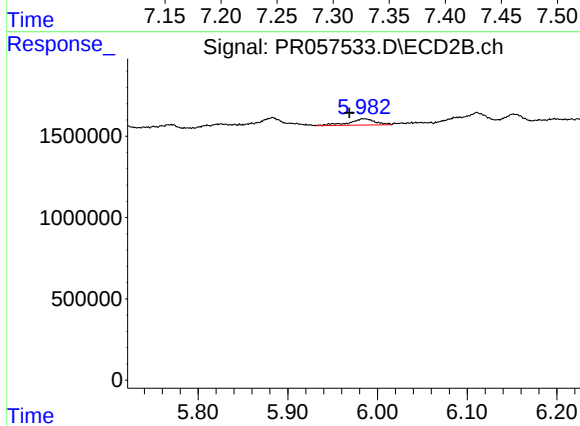
#32 AR-1260-2

R.T.: 5.826 min
Delta R.T.: 0.016 min
Response: 225653
Conc: 2.57 ng/ml



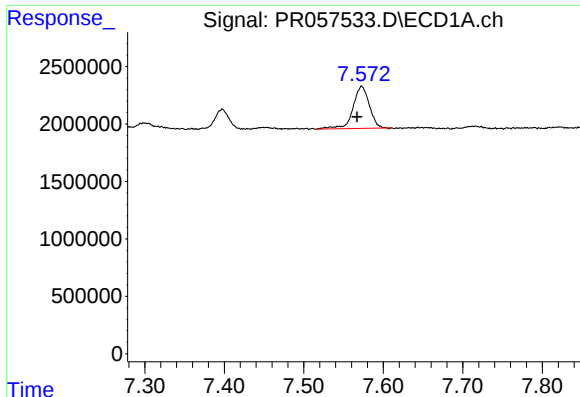
#33 AR-1260-3

R.T.: 7.300 min
Delta R.T.: -0.024 min
Response: 1042257
Conc: 9.44 ng/ml



#33 AR-1260-3

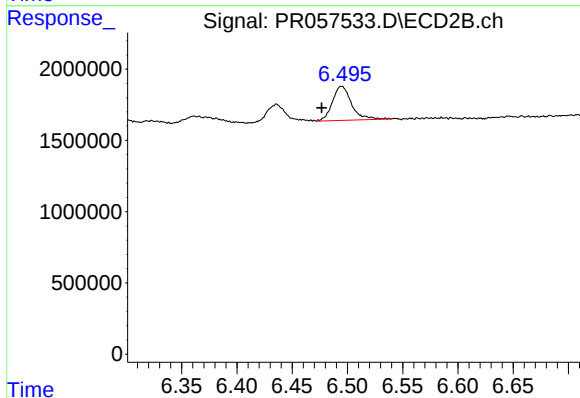
R.T.: 5.985 min
Delta R.T.: 0.016 min
Response: 778314
Conc: 9.01 ng/ml



#34 AR-1260-4

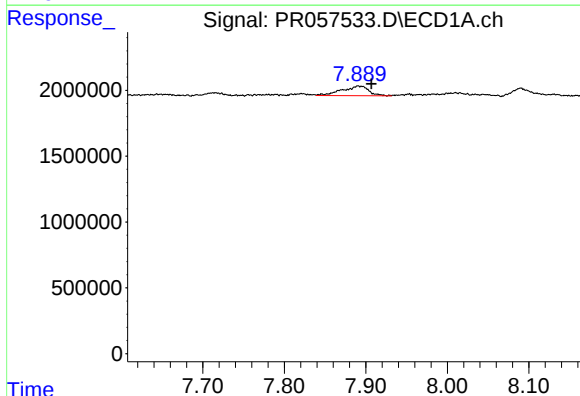
R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 5247181
Conc: 39.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



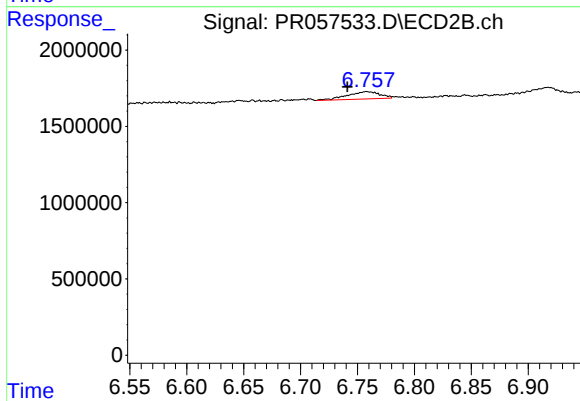
#34 AR-1260-4

R.T.: 6.495 min
Delta R.T.: 0.018 min
Response: 2881888
Conc: 43.60 ng/ml



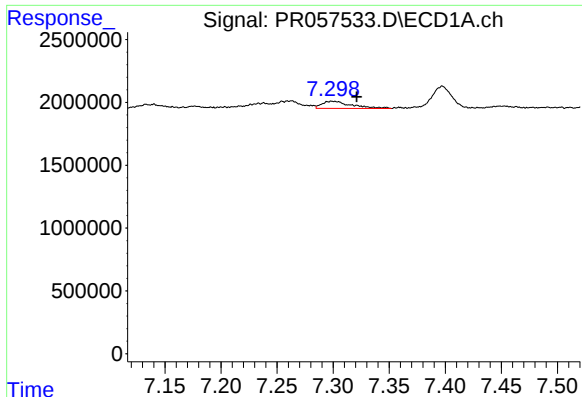
#35 AR-1260-5

R.T.: 7.891 min
Delta R.T.: -0.016 min
Response: 1671708
Conc: 6.39 ng/ml



#35 AR-1260-5

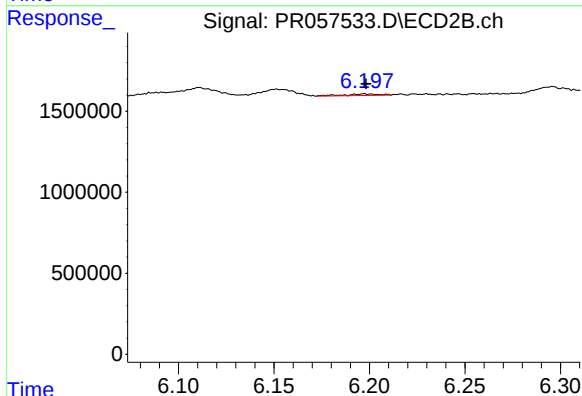
R.T.: 6.758 min
Delta R.T.: 0.017 min
Response: 961253
Conc: 5.69 ng/ml



#36 AR-1262-1

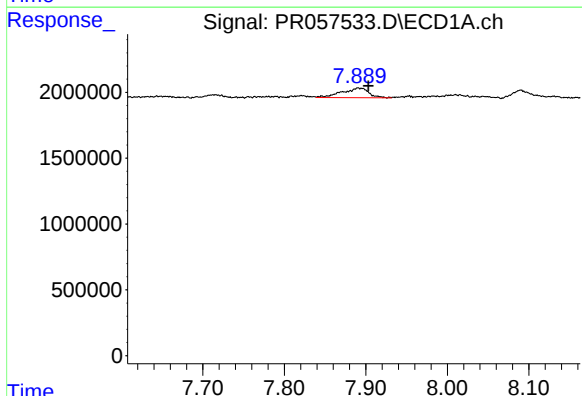
R.T.: 7.300 min
Delta R.T.: -0.021 min
Response: 1042257
Conc: 5.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



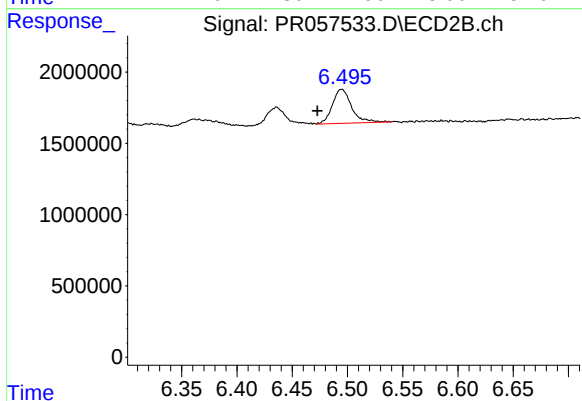
#36 AR-1262-1

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 117987
Conc: 1.18 ng/ml



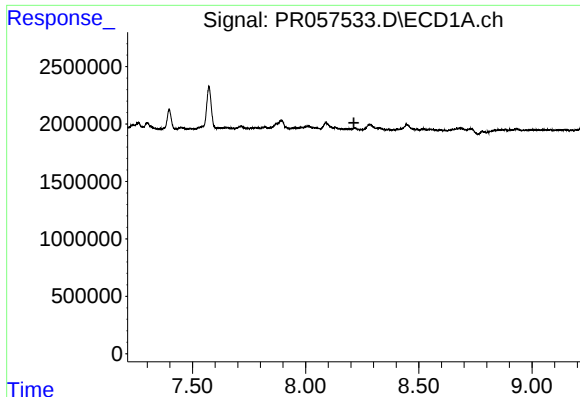
#37 AR-1262-2

R.T.: 7.891 min
Delta R.T.: -0.012 min
Response: 1671708
Conc: 4.82 ng/ml



#37 AR-1262-2

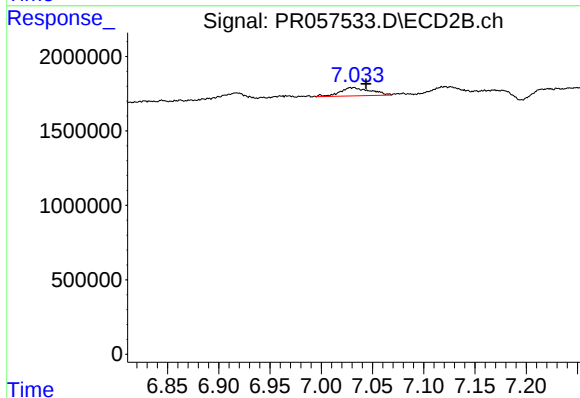
R.T.: 6.495 min
Delta R.T.: 0.022 min
Response: 2881888
Conc: 29.33 ng/ml



#38 AR-1262-3

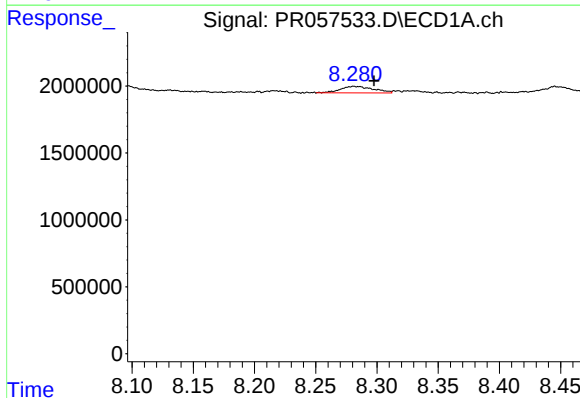
R.T.: 0.000 min
Exp R.T.: 8.213 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



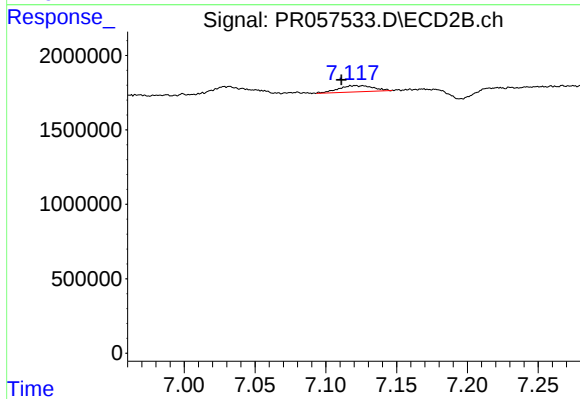
#38 AR-1262-3

R.T.: 7.032 min
Delta R.T.: -0.012 min
Response: 1153150
Conc: 13.38 ng/ml



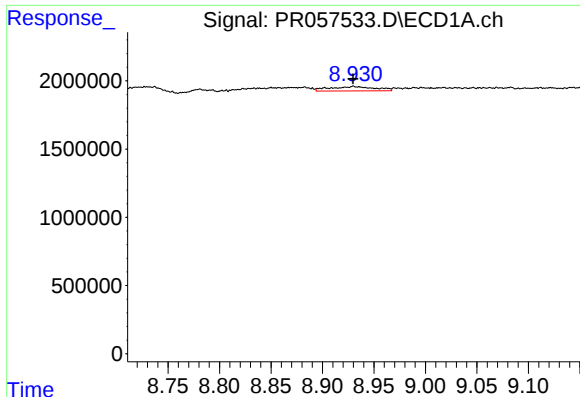
#39 AR-1262-4

R.T.: 8.281 min
Delta R.T.: -0.017 min
Response: 919010
Conc: 9.10 ng/ml



#39 AR-1262-4

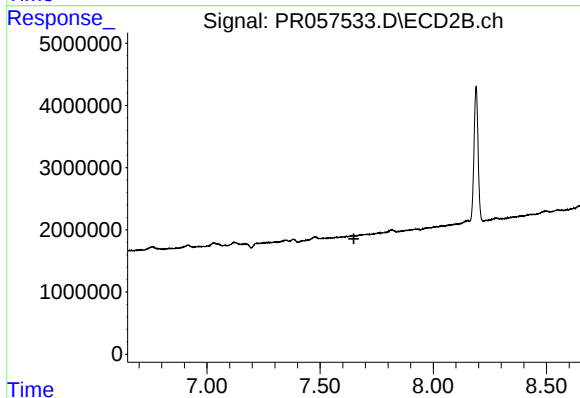
R.T.: 7.120 min
Delta R.T.: 0.009 min
Response: 724896
Conc: 4.09 ng/ml



#40 AR-1262-5

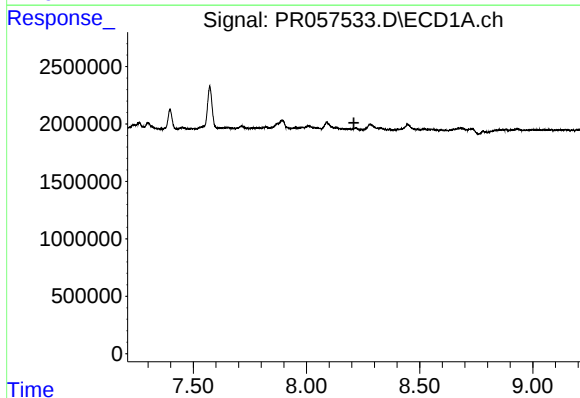
R.T.: 8.930 min
Delta R.T.: 0.000 min
Response: 987085
Conc: 8.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



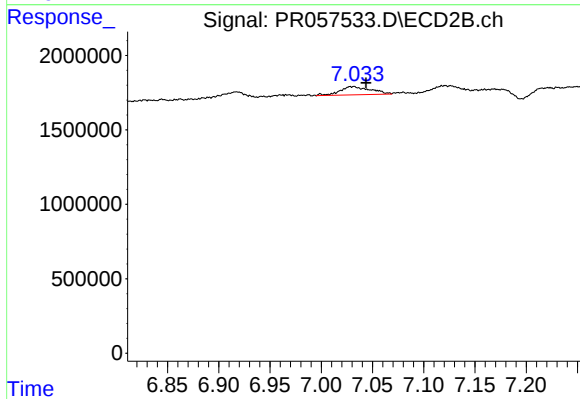
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.649 min
Response: 0
Conc: N.D.



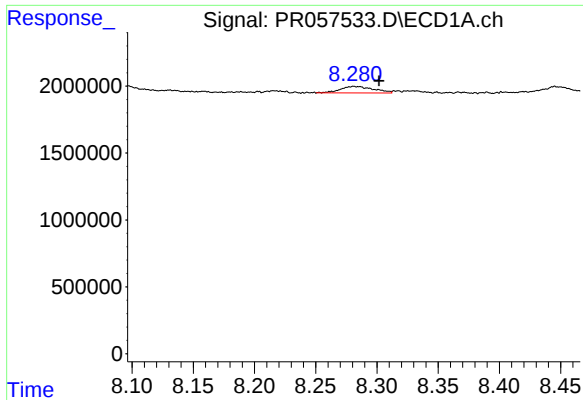
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.210 min
Response: 0
Conc: N.D.



#41 AR-1268-1

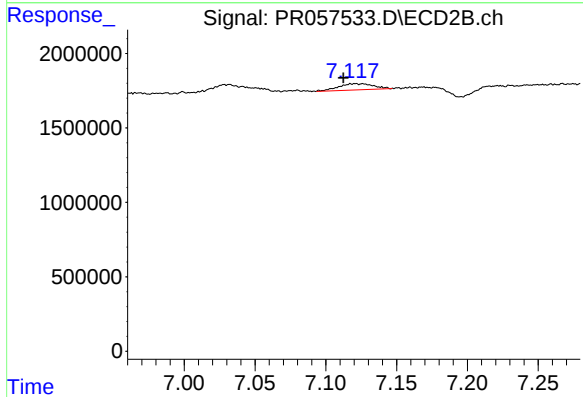
R.T.: 7.032 min
Delta R.T.: -0.012 min
Response: 1153150
Conc: 4.20 ng/ml



#42 AR-1268-2

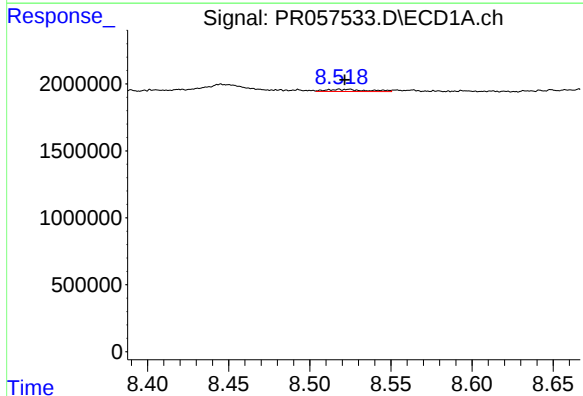
R.T.: 8.281 min
Delta R.T.: -0.020 min
Response: 919010
Conc: 2.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



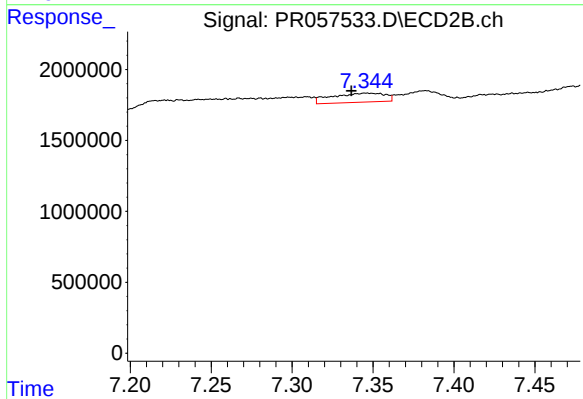
#42 AR-1268-2

R.T.: 7.120 min
Delta R.T.: 0.008 min
Response: 724896
Conc: 2.54 ng/ml



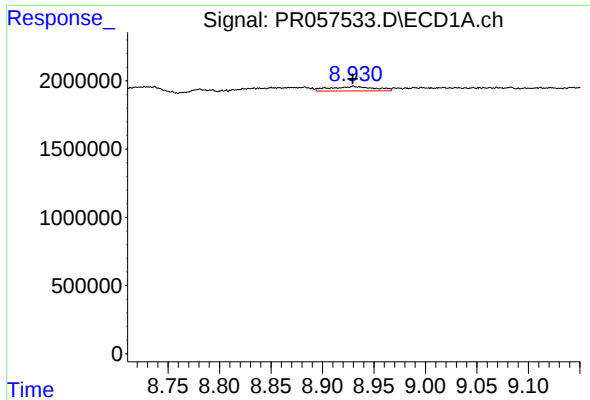
#43 AR-1268-3

R.T.: 8.518 min
Delta R.T.: -0.003 min
Response: 283529
Conc: 0.90 ng/ml



#43 AR-1268-3

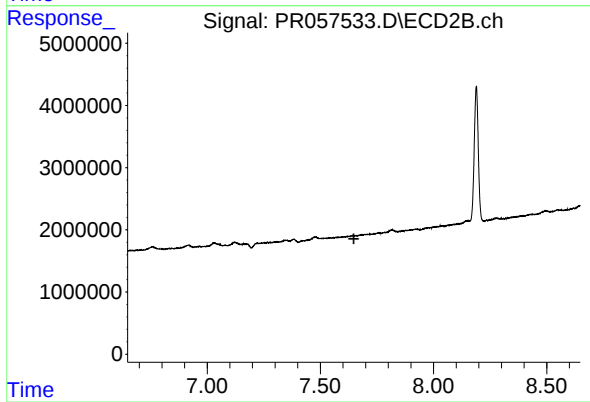
R.T.: 7.346 min
Delta R.T.: 0.009 min
Response: 1469331
Conc: 6.10 ng/ml



#44 AR-1268-4

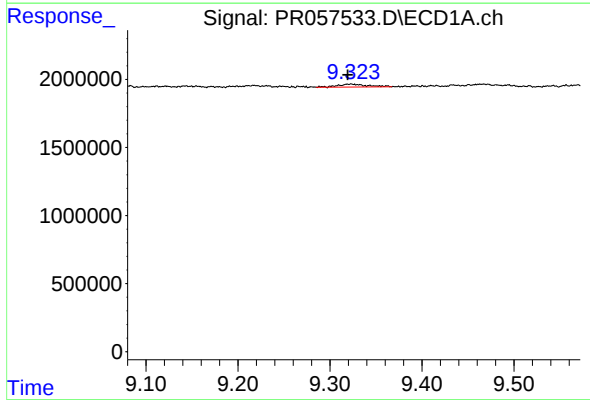
R.T.: 8.930 min
Delta R.T.: 0.000 min
Response: 987085
Conc: 6.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



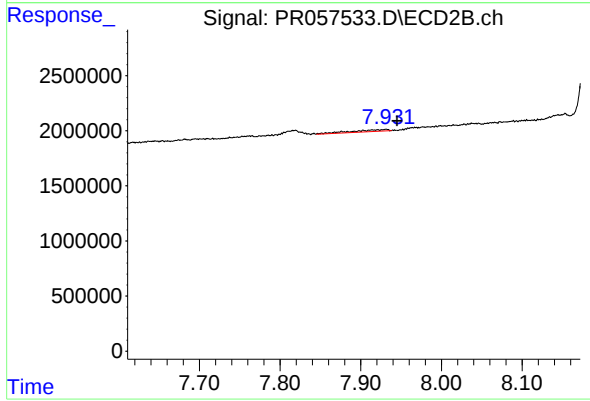
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.648 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.323 min
Delta R.T.: 0.004 min
Response: 478133
Conc: 0.46 ng/ml



#45 AR-1268-5

R.T.: 7.932 min
Delta R.T.: -0.013 min
Response: 509484
Conc: 0.55 ng/ml