

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 12:21
 Operator : AJ\MA
 Sample : 02213-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:21:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 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...	3.687	2.900	63295138	80524944	20.733	18.921
2)	SA Decachlor...	9.655	8.125	64300952	87987809	22.667	20.239
Target Compounds							
3)	L1 AR-1016-1	4.921	4.009	1561911	1499340	14.109	10.140 #
4)	L1 AR-1016-2	4.943	4.026	2086124	2269169	13.404	10.697
5)	L1 AR-1016-3	5.008	4.203	1477447	1186745	15.143	10.769 #
6)	L1 AR-1016-4	5.111	4.254	949822	871776	12.206	10.198
7)	L1 AR-1016-5	5.431	4.469	1059609	1271880	13.323	11.137
8)	L2 AR-1221-1	3.902	3.123	1395211	1235627	35.217	26.017 #
9)	L2 AR-1221-2	4.001	3.202	1458128	1855990	50.219	52.320
10)	L2 AR-1221-3	4.079	3.285	2119330	2408504	23.705	21.283
11)	L3 AR-1232-1	4.079	3.285	2119330	2408504	28.469	25.817
12)	L3 AR-1232-2	4.634	4.026	1072790	2269169	29.510	24.812
13)	L3 AR-1232-3	4.943	4.203	2086124	1186745	29.607	25.616
14)	L3 AR-1232-4	5.111	4.295	949822	990767	27.537	24.269
15)	L3 AR-1232-5	5.216	4.469	861600	1271880	32.877	27.068
16)	L4 AR-1242-1	4.921	4.009	1561911	1499340	17.700	12.909 #
17)	L4 AR-1242-2	4.943	4.026	2086124	2269169	16.816	13.609
18)	L4 AR-1242-3	5.008	4.203	1477447	1186745	18.910	13.832 #
19)	L4 AR-1242-4	5.111	4.295	949822	990767	15.167	12.250
20)	L4 AR-1242-5	5.906	4.838	1174884	1555771	16.969	14.442
21)	L5 AR-1248-1	4.921	4.009	1561911	1499340	23.504	17.437 #
22)	L5 AR-1248-2	5.216	4.254	861600	871776	9.704	7.250 #
23)	L5 AR-1248-3	5.431	4.295	1059609	990767	10.064	8.128
24)	L5 AR-1248-4	5.868	4.469	861225	1271880	7.163	8.426
25)	L5 AR-1248-5	5.906	4.878	1174884	2007042	9.925	13.058 #
26)	L6 AR-1254-1	5.836	4.838	1329847	1555771	11.041	6.435 #
27)	L6 AR-1254-2	6.077	4.995	1026270	222228	5.383	1.064 #
28)	L6 AR-1254-3	6.468	5.414	737348	1101457	3.593	3.165
29)	L6 AR-1254-4	6.816f	5.661	761084	458073	4.889	2.077 #
30)	L6 AR-1254-5	7.267f	6.105	964865	746428	5.735	2.329 #
31)	L7 AR-1260-1	0.000	5.544	0	1011661	N.D.	4.128 #
32)	L7 AR-1260-2	6.924f	5.781f	936581	384959	4.854	1.239 #
33)	L7 AR-1260-3	0.000	5.926	0	836723	N.D.	2.980 #
34)	L7 AR-1260-4	7.576	0.000	313106	0	1.915	N.D. #
35)	L7 AR-1260-5	7.912	6.711f	303716	758342	0.960	1.303 #
36)	L8 AR-1262-1	0.000	6.130f	0	63539	N.D.	0.201 #
37)	L8 AR-1262-2	7.912	0.000	303716	0	0.901	N.D. #
38)	L8 AR-1262-3	8.232	0.000	248258	0	1.078	N.D. #
39)	L8 AR-1262-4	8.296f	7.076f	653008	1151355	3.711	2.677 #
40)	L8 AR-1262-5	8.953	0.000	919850	0	7.343	N.D. #
41)	L9 AR-1268-1	8.218	0.000	375111	0	0.908	N.D. #

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 Acq On : 08 Apr 2023 12:21
 Operator : AJ\MA
 Sample : 02213-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 78 Sample Multiplier: 1

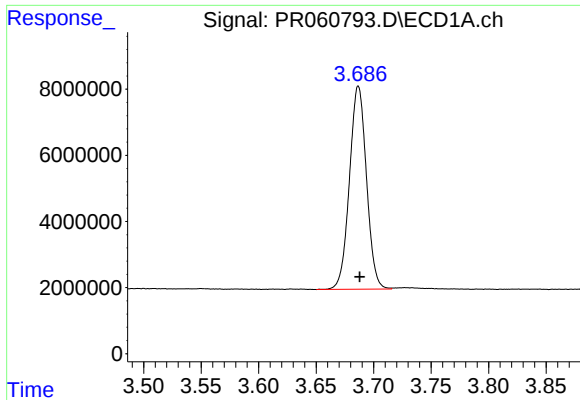
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:21:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
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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
42) L9	AR-1268-2	8.296f	7.076f	653008	1151355	1.736	1.722
43) L9	AR-1268-3	8.535	7.279	85416	2479124	0.266	4.362 #
44) L9	AR-1268-4	8.953	0.000	919850	0	6.401	N.D. #
45) L9	AR-1268-5	9.338	7.887	412204	1094156	0.390	0.582 #

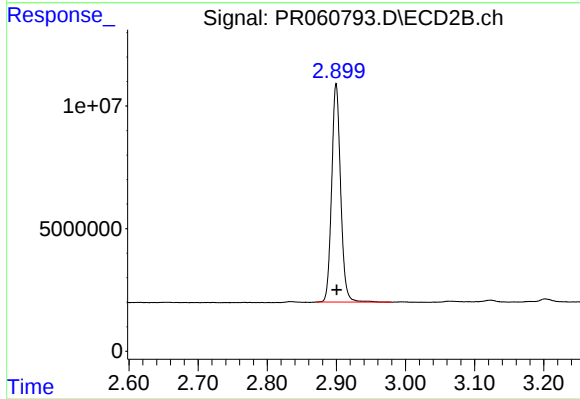
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

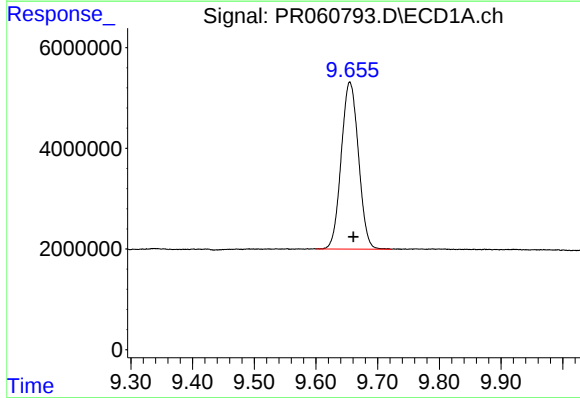
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 63295138
Conc: 20.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



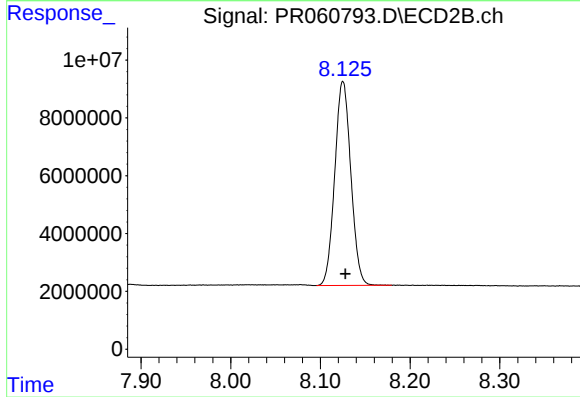
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 80524944
Conc: 18.92 ng/ml



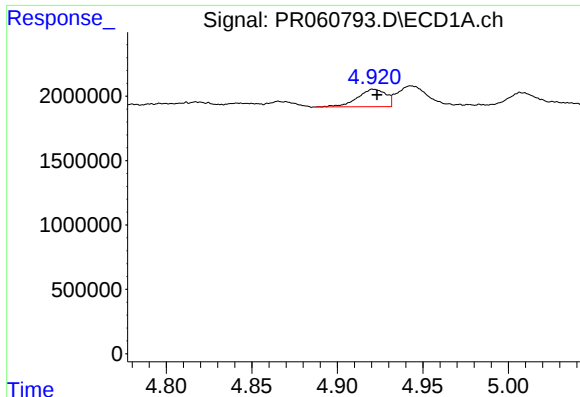
#2 Decachlorobiphenyl

R.T.: 9.655 min
Delta R.T.: -0.006 min
Response: 64300952
Conc: 22.67 ng/ml



#2 Decachlorobiphenyl

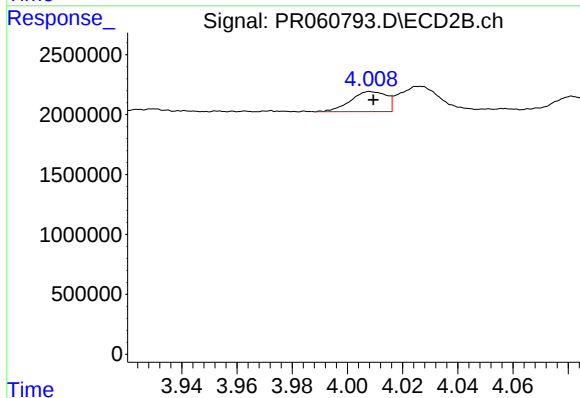
R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 87987809
Conc: 20.24 ng/ml



#3 AR-1016-1

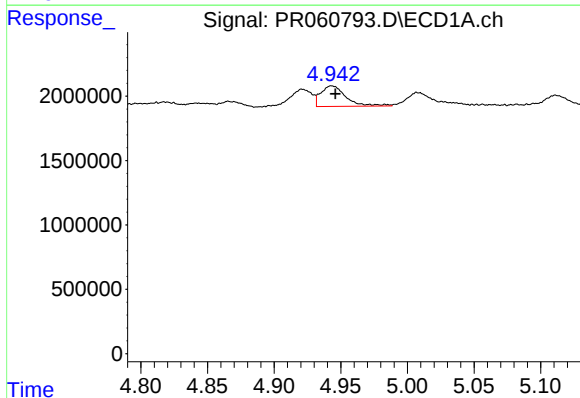
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 1561911
Conc: 14.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



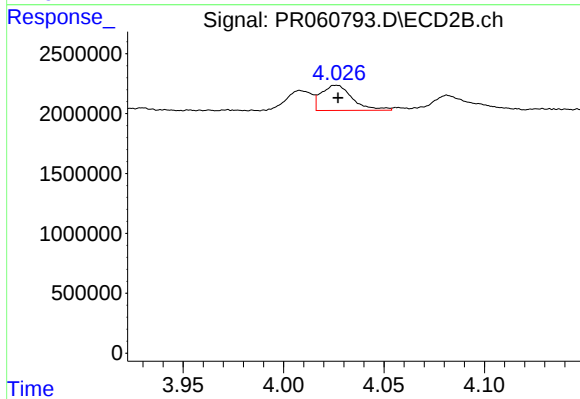
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 1499340
Conc: 10.14 ng/ml



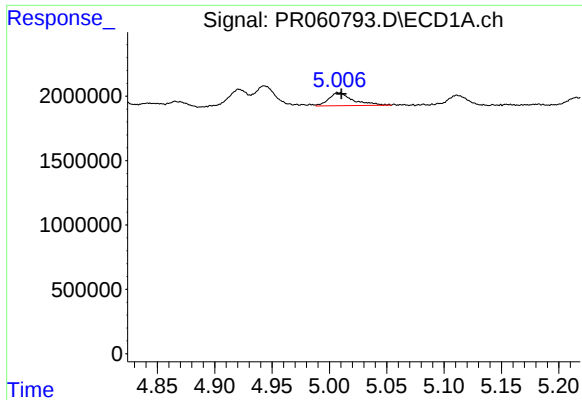
#4 AR-1016-2

R.T.: 4.943 min
Delta R.T.: -0.003 min
Response: 2086124
Conc: 13.40 ng/ml



#4 AR-1016-2

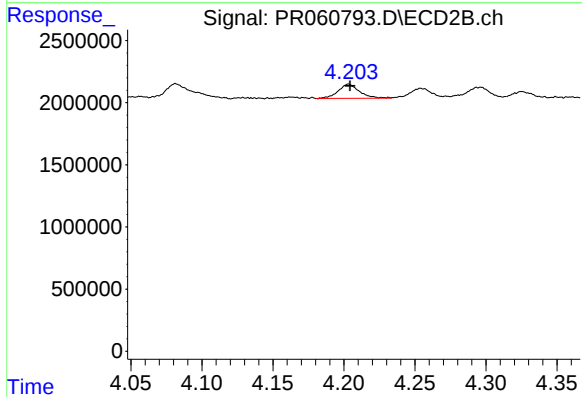
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 2269169
Conc: 10.70 ng/ml



#5 AR-1016-3

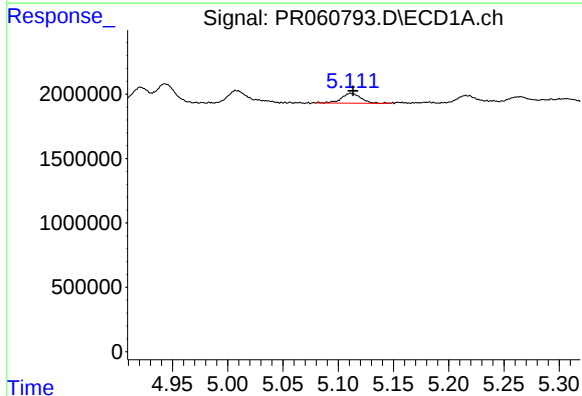
R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 1477447
Conc: 15.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



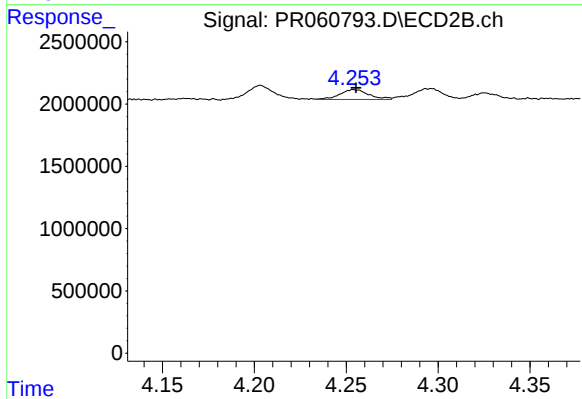
#5 AR-1016-3

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 1186745
Conc: 10.77 ng/ml



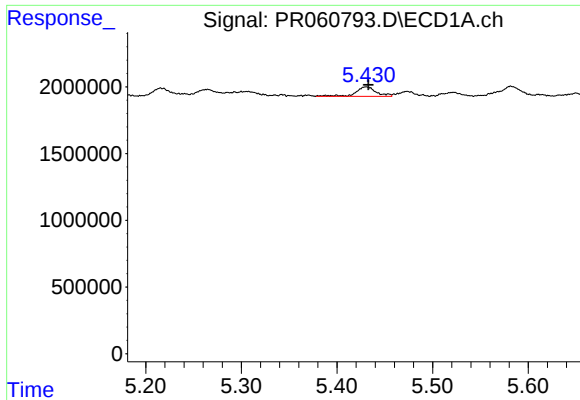
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 949822
Conc: 12.21 ng/ml



#6 AR-1016-4

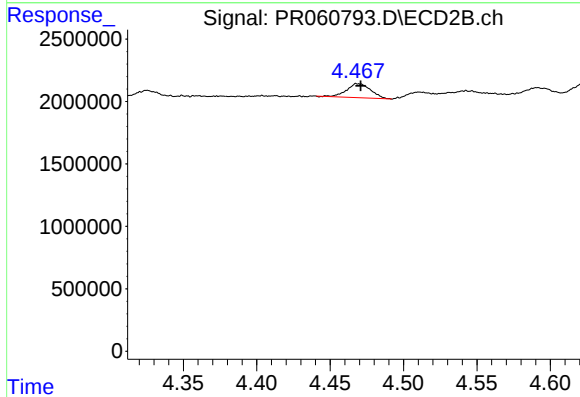
R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 871776
Conc: 10.20 ng/ml



#7 AR-1016-5

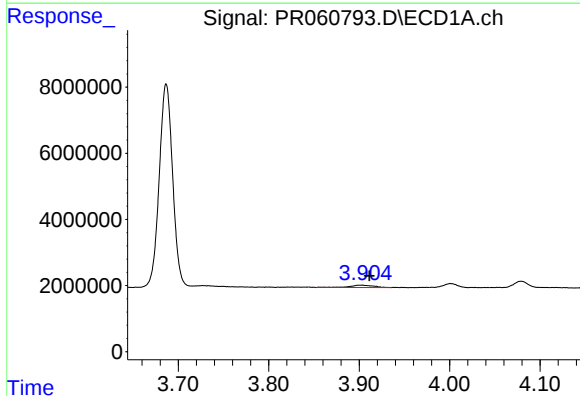
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 1059609
Conc: 13.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



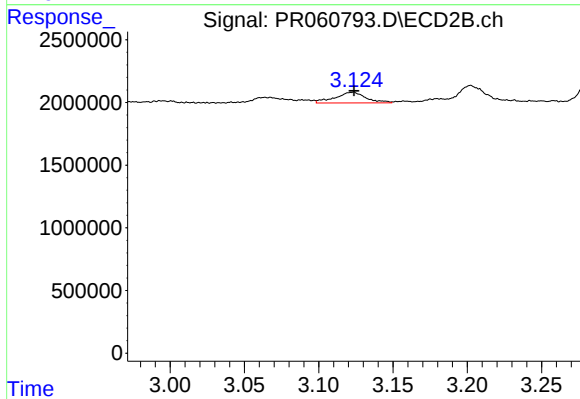
#7 AR-1016-5

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 1271880
Conc: 11.14 ng/ml



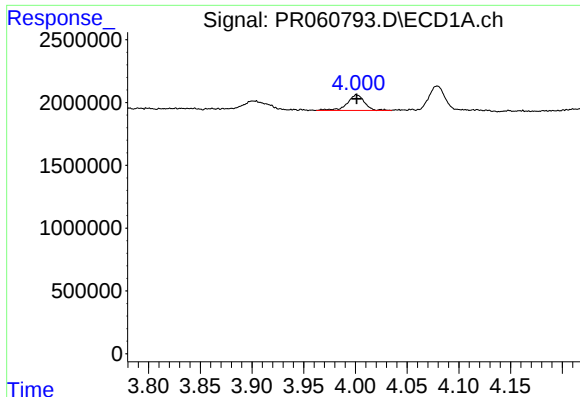
#8 AR-1221-1

R.T.: 3.902 min
Delta R.T.: -0.009 min
Response: 1395211
Conc: 35.22 ng/ml



#8 AR-1221-1

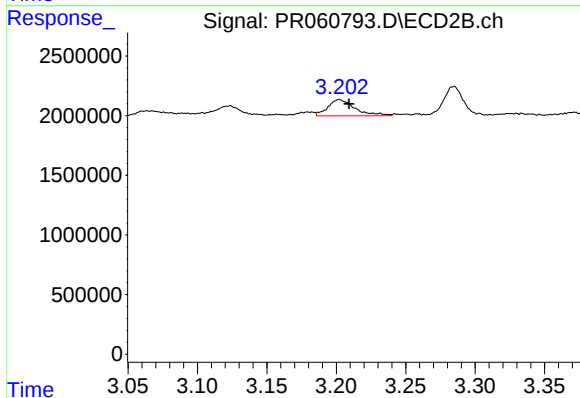
R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 1235627
Conc: 26.02 ng/ml



#9 AR-1221-2

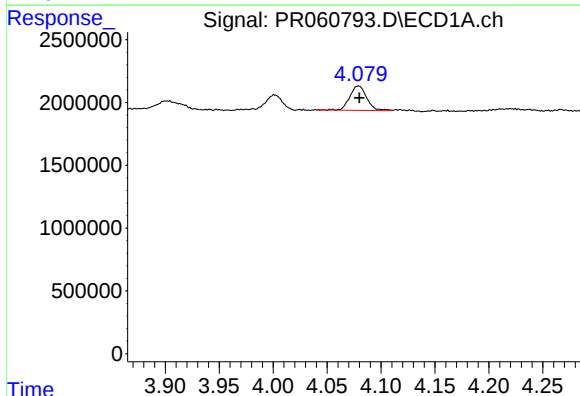
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 1458128
Conc: 50.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



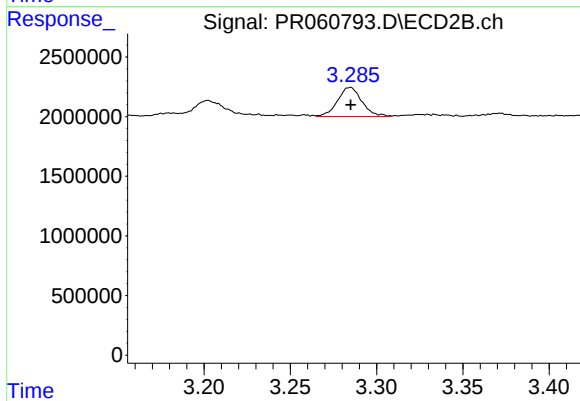
#9 AR-1221-2

R.T.: 3.202 min
Delta R.T.: -0.007 min
Response: 1855990
Conc: 52.32 ng/ml



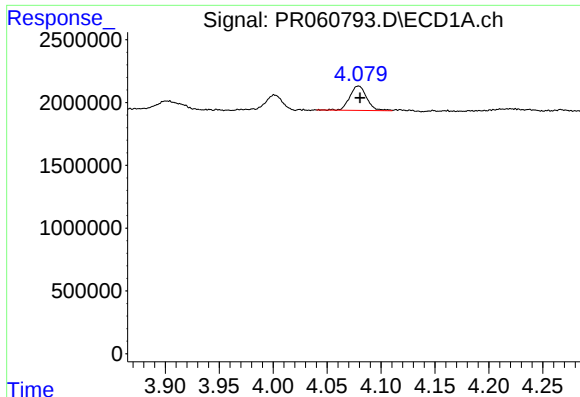
#10 AR-1221-3

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 2119330
Conc: 23.70 ng/ml



#10 AR-1221-3

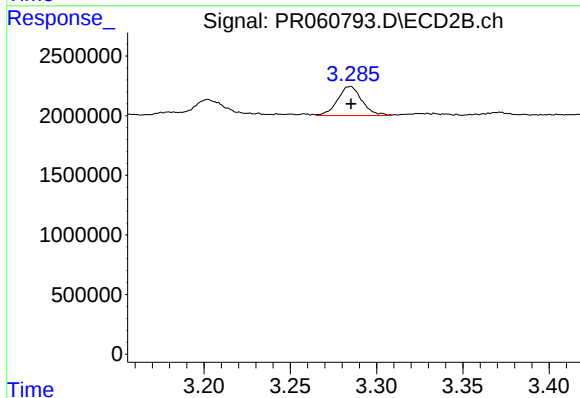
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2408504
Conc: 21.28 ng/ml



#11 AR-1232-1

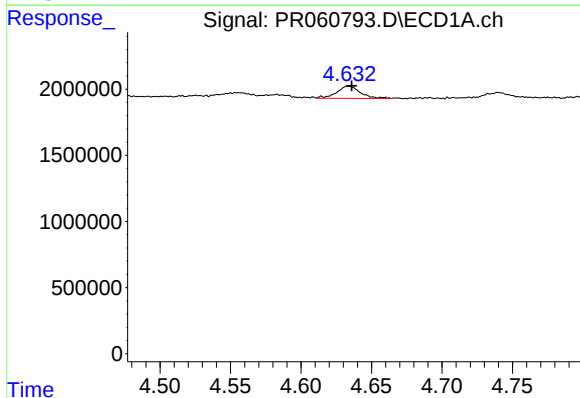
R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 2119330
Conc: 28.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



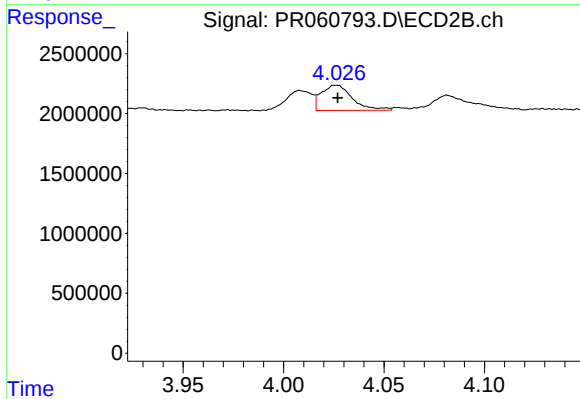
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2408504
Conc: 25.82 ng/ml



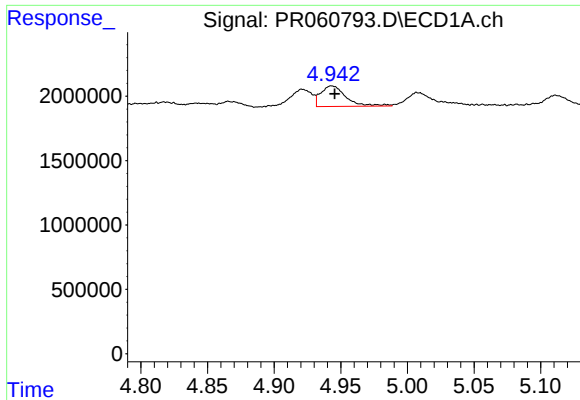
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: -0.002 min
Response: 1072790
Conc: 29.51 ng/ml



#12 AR-1232-2

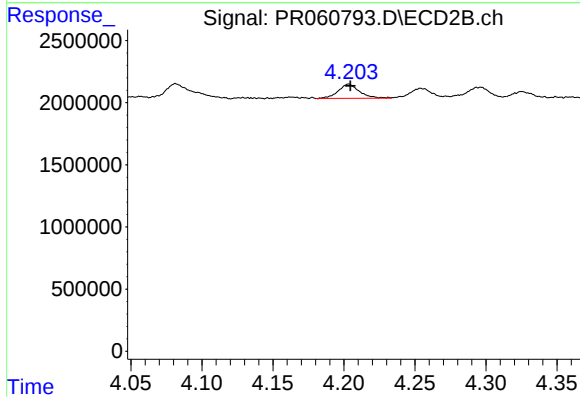
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 2269169
Conc: 24.81 ng/ml



#13 AR-1232-3

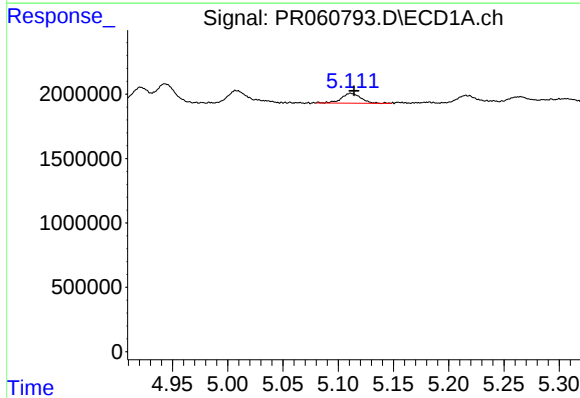
R.T.: 4.943 min
Delta R.T.: -0.002 min
Response: 2086124
Conc: 29.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



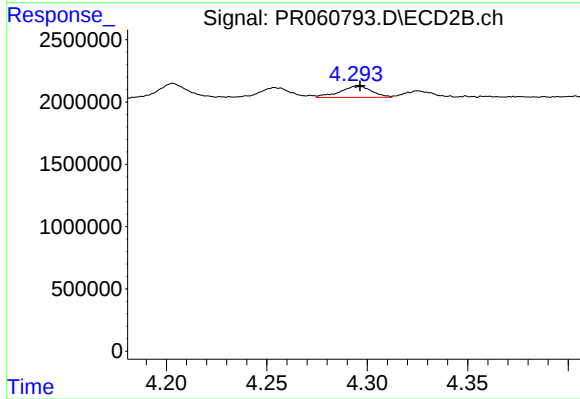
#13 AR-1232-3

R.T.: 4.203 min
Delta R.T.: -0.001 min
Response: 1186745
Conc: 25.62 ng/ml



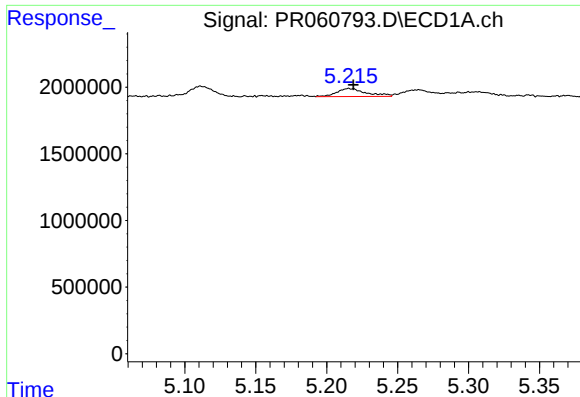
#14 AR-1232-4

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 949822
Conc: 27.54 ng/ml



#14 AR-1232-4

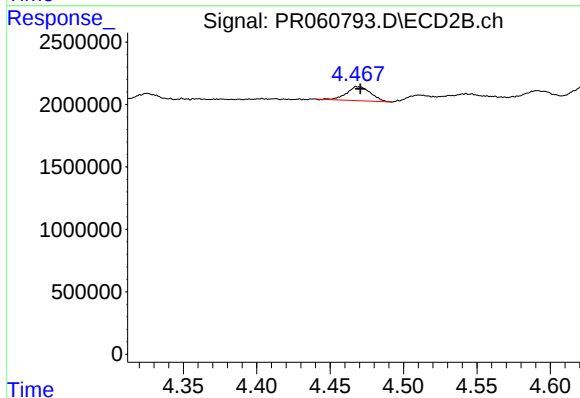
R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 990767
Conc: 24.27 ng/ml



#15 AR-1232-5

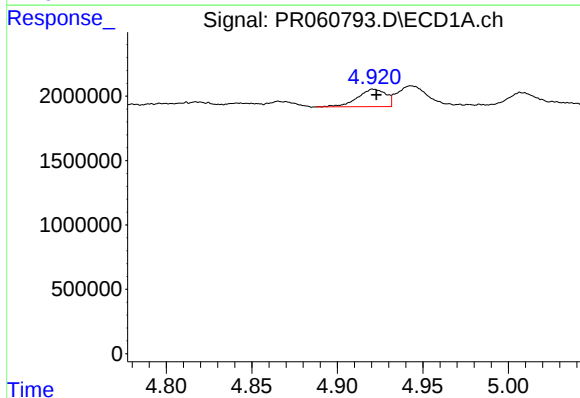
R.T.: 5.216 min
Delta R.T.: -0.003 min
Response: 861600
Conc: 32.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



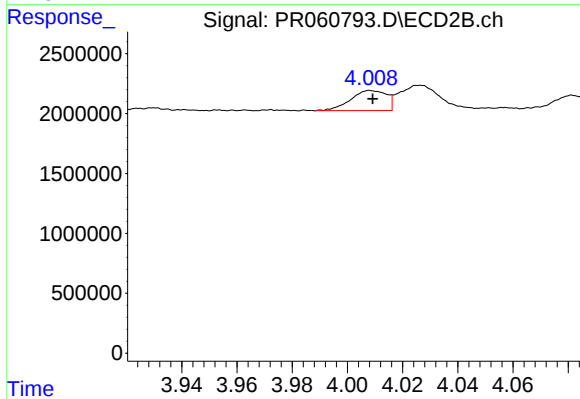
#15 AR-1232-5

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 1271880
Conc: 27.07 ng/ml



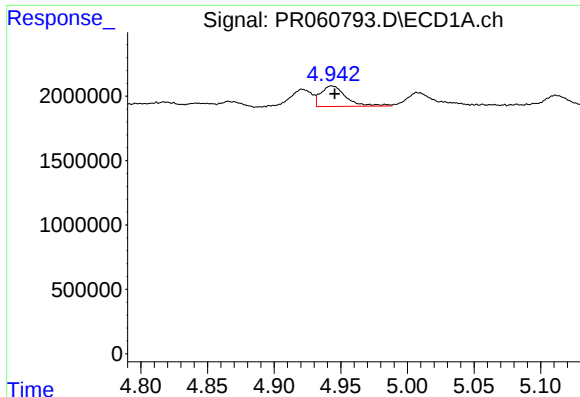
#16 AR-1242-1

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 1561911
Conc: 17.70 ng/ml



#16 AR-1242-1

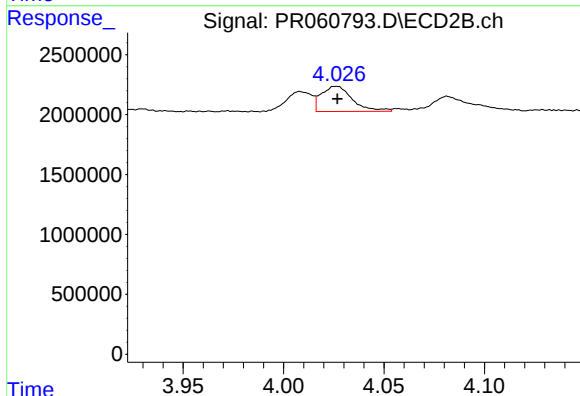
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 1499340
Conc: 12.91 ng/ml



#17 AR-1242-2

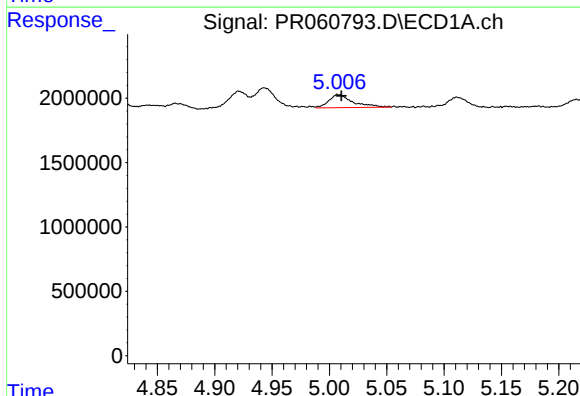
R.T.: 4.943 min
Delta R.T.: -0.002 min
Response: 2086124
Conc: 16.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



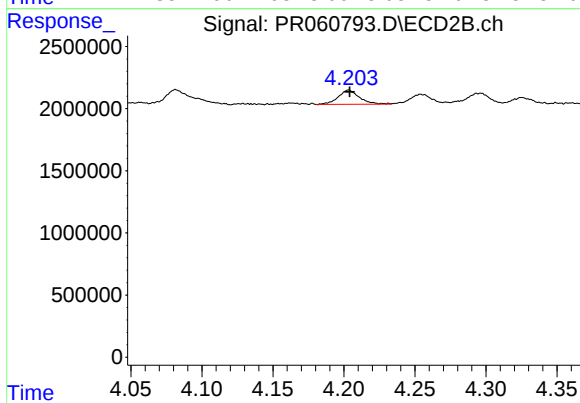
#17 AR-1242-2

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 2269169
Conc: 13.61 ng/ml



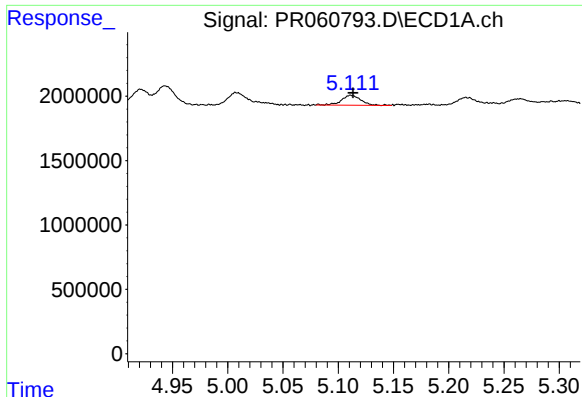
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 1477447
Conc: 18.91 ng/ml



#18 AR-1242-3

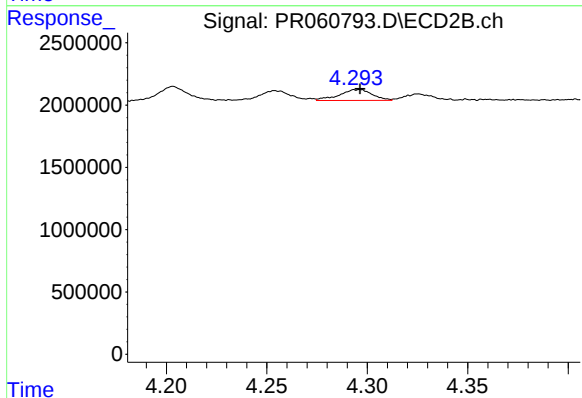
R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 1186745
Conc: 13.83 ng/ml



#19 AR-1242-4

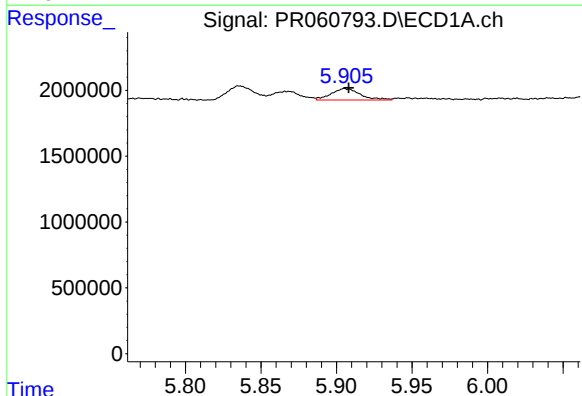
R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 949822
Conc: 15.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



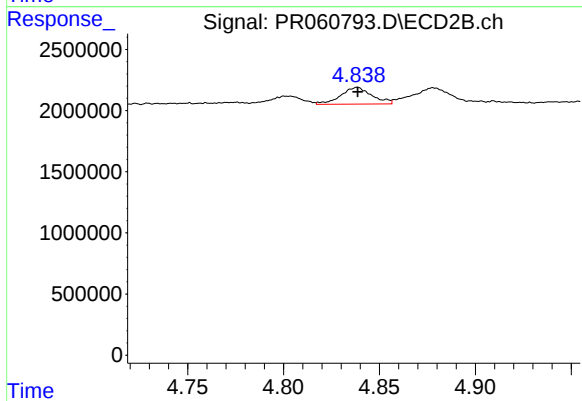
#19 AR-1242-4

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 990767
Conc: 12.25 ng/ml



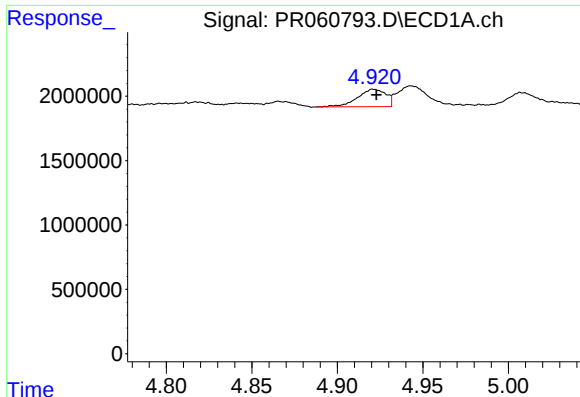
#20 AR-1242-5

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 1174884
Conc: 16.97 ng/ml



#20 AR-1242-5

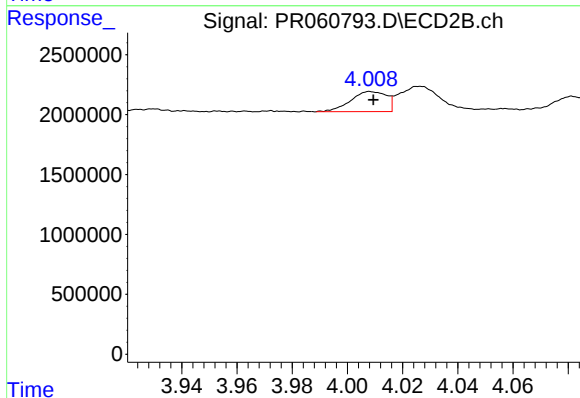
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 1555771
Conc: 14.44 ng/ml



#21 AR-1248-1

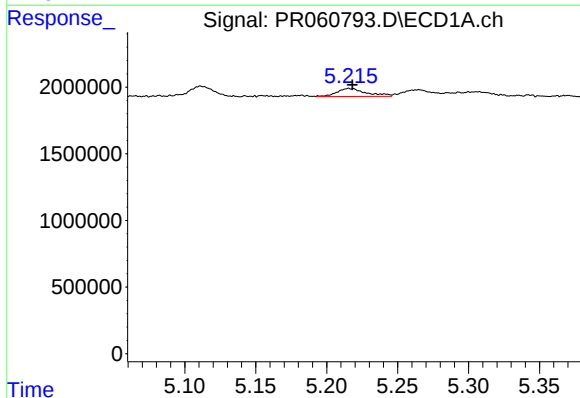
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 1561911
Conc: 23.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



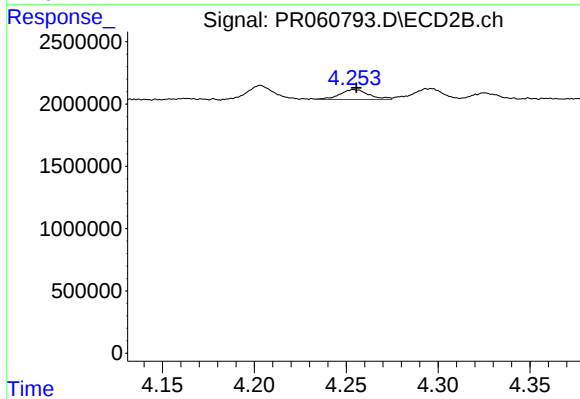
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 1499340
Conc: 17.44 ng/ml



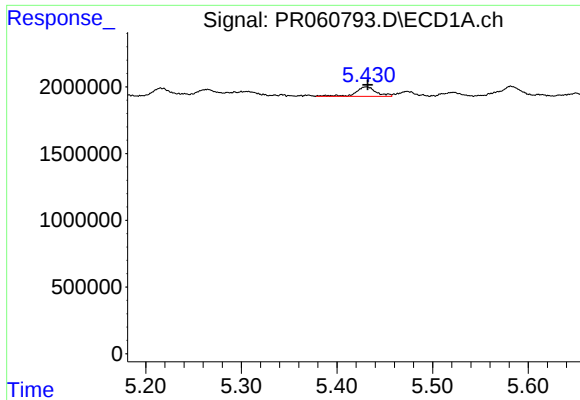
#22 AR-1248-2

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 861600
Conc: 9.70 ng/ml



#22 AR-1248-2

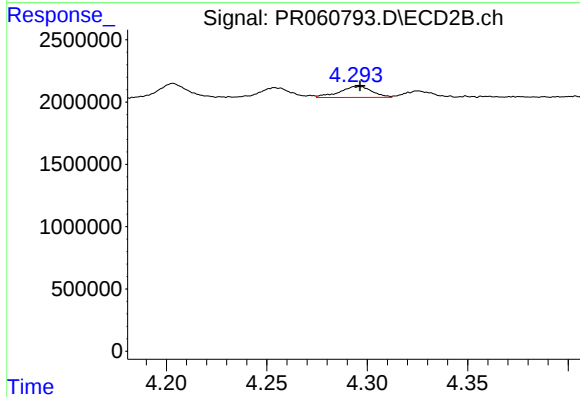
R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 871776
Conc: 7.25 ng/ml



#23 AR-1248-3

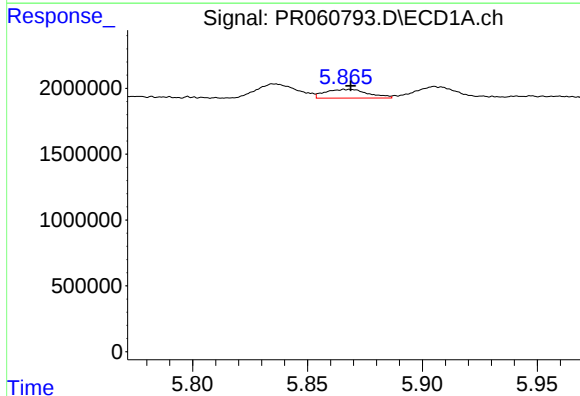
R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 1059609
Conc: 10.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



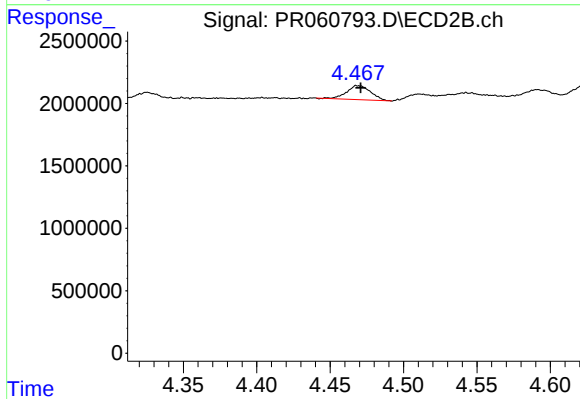
#23 AR-1248-3

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 990767
Conc: 8.13 ng/ml



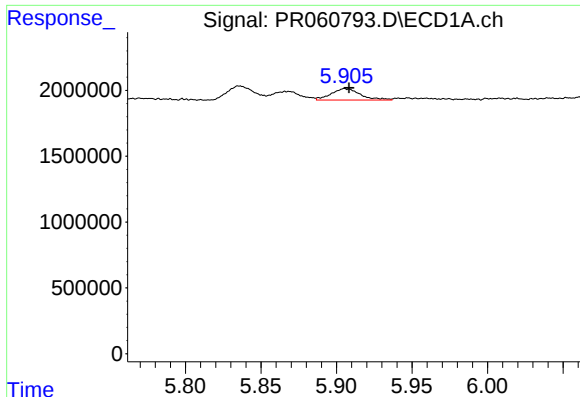
#24 AR-1248-4

R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 861225
Conc: 7.16 ng/ml



#24 AR-1248-4

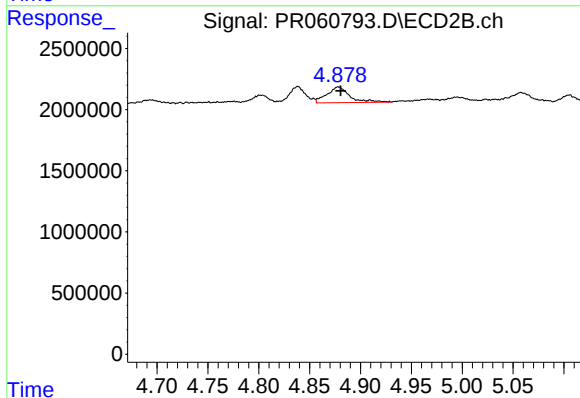
R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 1271880
Conc: 8.43 ng/ml



#25 AR-1248-5

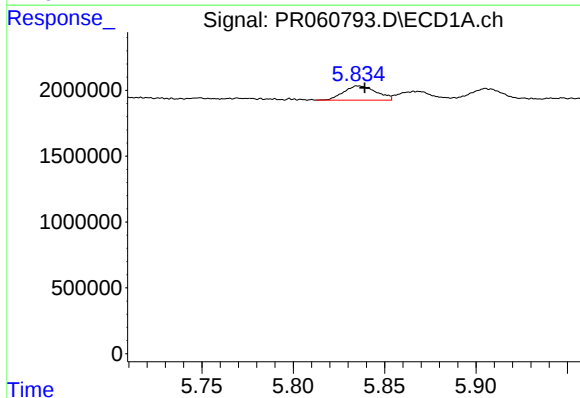
R.T.: 5.906 min
Delta R.T.: -0.003 min
Response: 1174884
Conc: 9.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



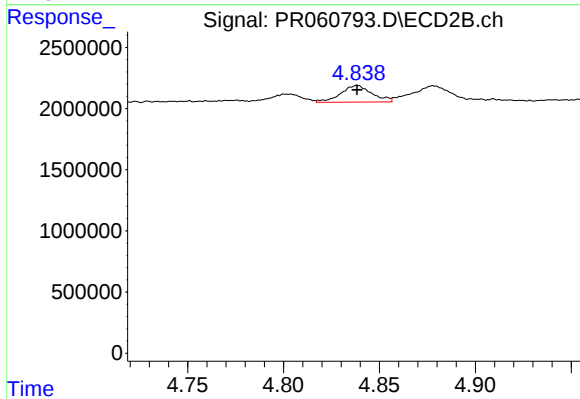
#25 AR-1248-5

R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 2007042
Conc: 13.06 ng/ml



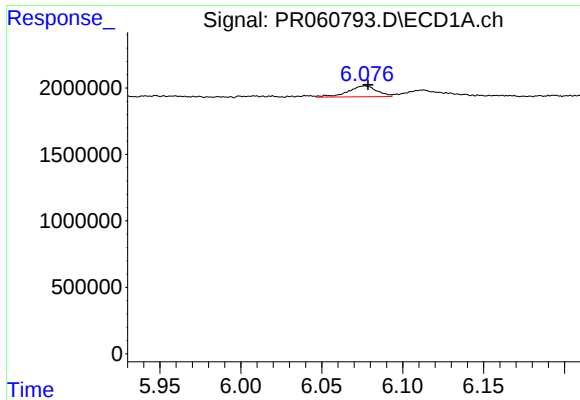
#26 AR-1254-1

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 1329847
Conc: 11.04 ng/ml



#26 AR-1254-1

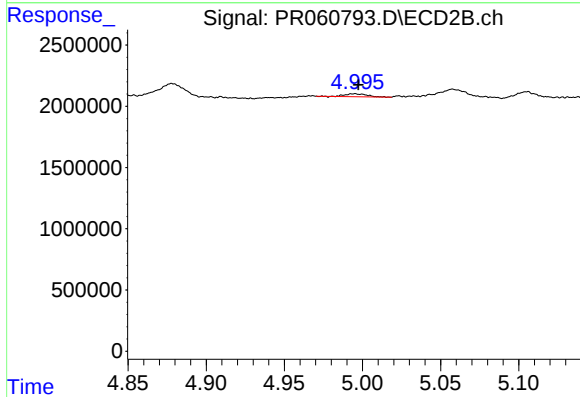
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 1555771
Conc: 6.43 ng/ml



#27 AR-1254-2

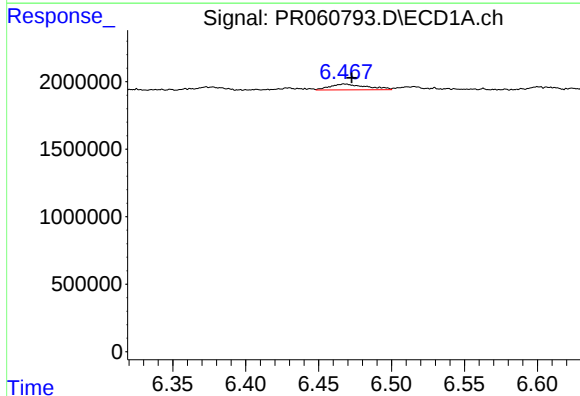
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 1026270
Conc: 5.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



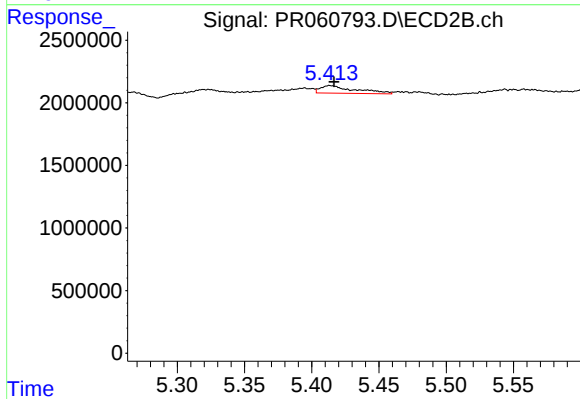
#27 AR-1254-2

R.T.: 4.995 min
Delta R.T.: -0.002 min
Response: 222228
Conc: 1.06 ng/ml



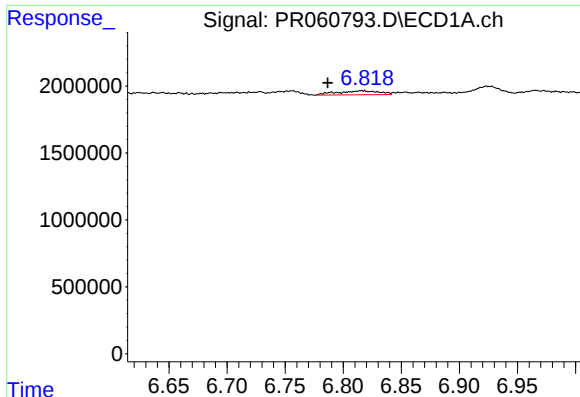
#28 AR-1254-3

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 737348
Conc: 3.59 ng/ml



#28 AR-1254-3

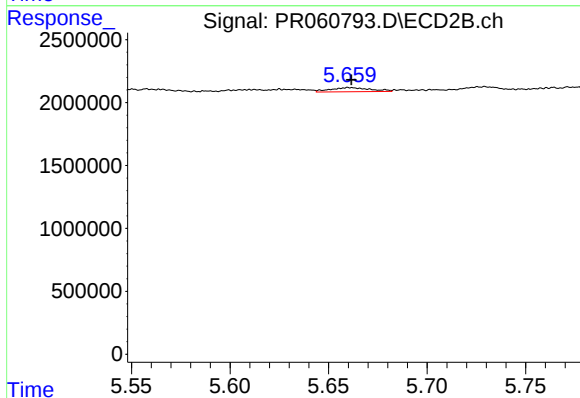
R.T.: 5.414 min
Delta R.T.: -0.003 min
Response: 1101457
Conc: 3.17 ng/ml



#29 AR-1254-4

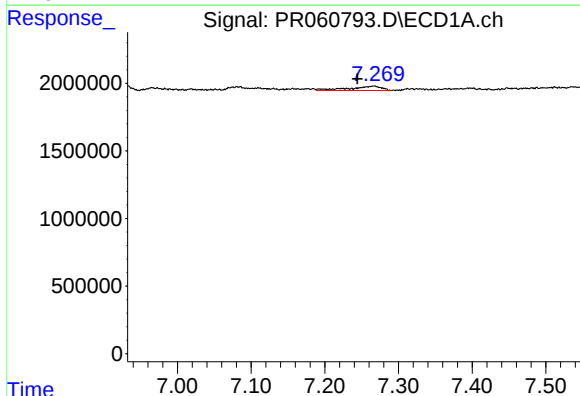
R.T.: 6.816 min
Delta R.T.: 0.030 min
Response: 761084
Conc: 4.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



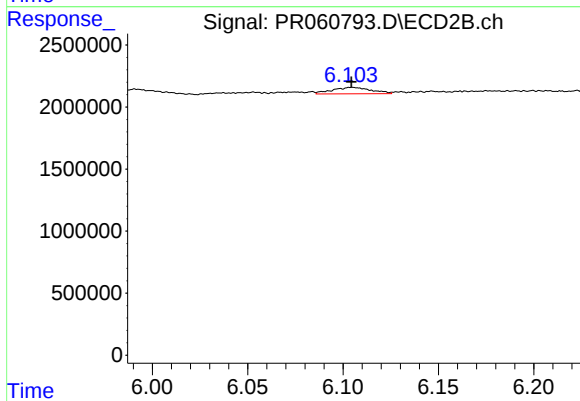
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 458073
Conc: 2.08 ng/ml



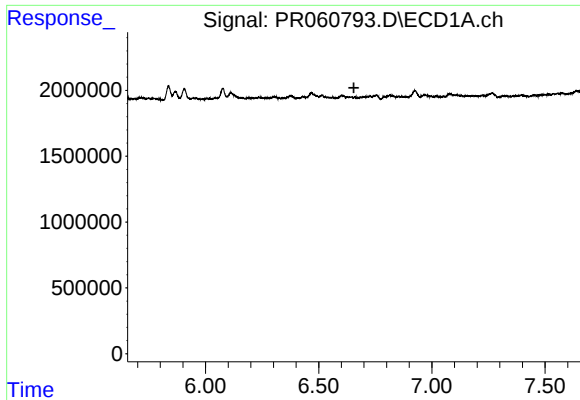
#30 AR-1254-5

R.T.: 7.267 min
Delta R.T.: 0.022 min
Response: 964865
Conc: 5.73 ng/ml



#30 AR-1254-5

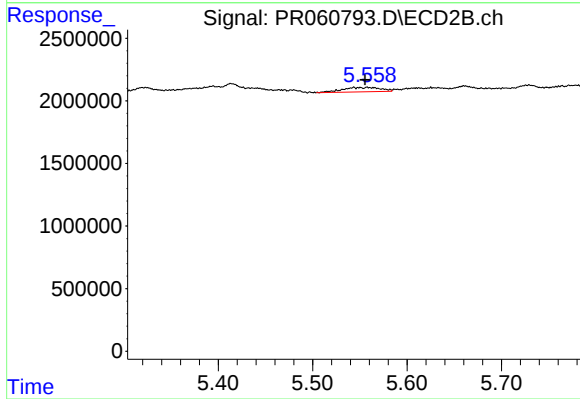
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 746428
Conc: 2.33 ng/ml



#31 AR-1260-1

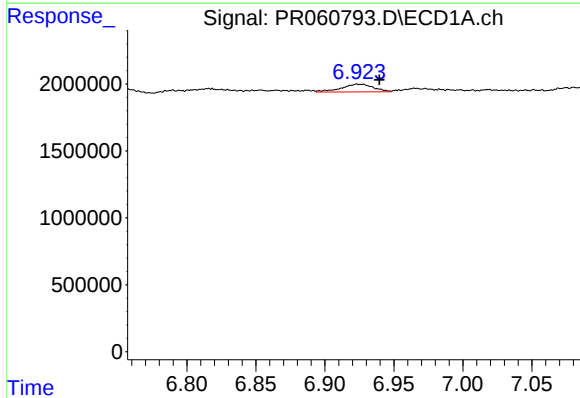
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



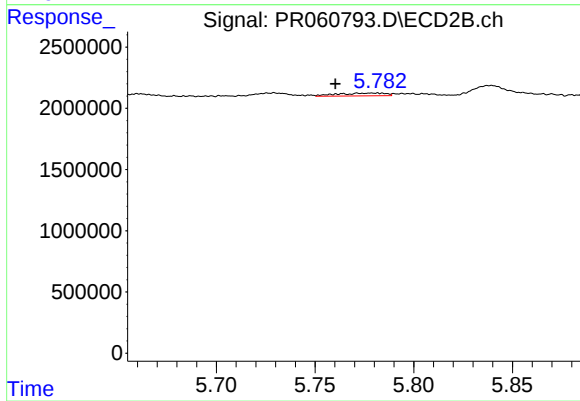
#31 AR-1260-1

R.T.: 5.544 min
Delta R.T.: -0.012 min
Response: 1011661
Conc: 4.13 ng/ml



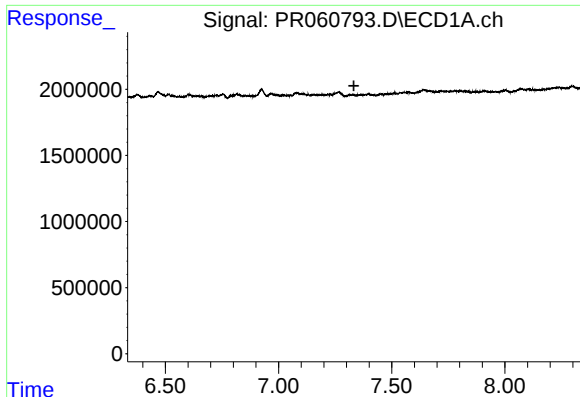
#32 AR-1260-2

R.T.: 6.924 min
Delta R.T.: -0.016 min
Response: 936581
Conc: 4.85 ng/ml



#32 AR-1260-2

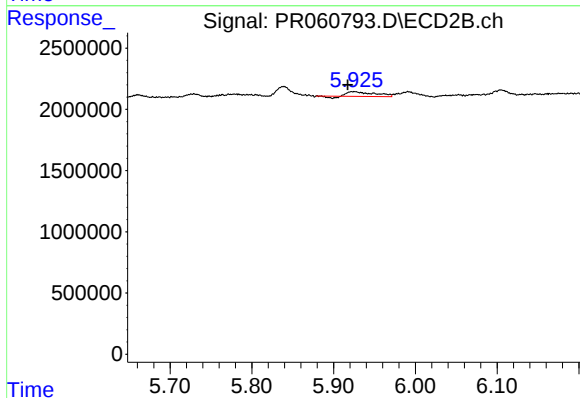
R.T.: 5.781 min
Delta R.T.: 0.021 min
Response: 384959
Conc: 1.24 ng/ml



#33 AR-1260-3

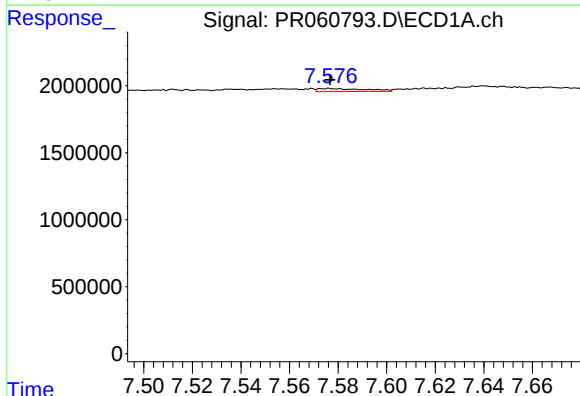
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



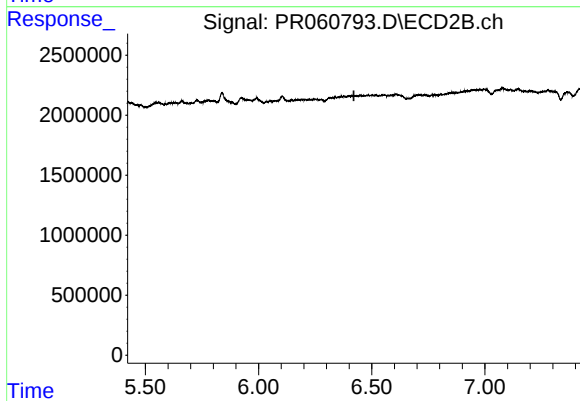
#33 AR-1260-3

R.T.: 5.926 min
Delta R.T.: 0.008 min
Response: 836723
Conc: 2.98 ng/ml



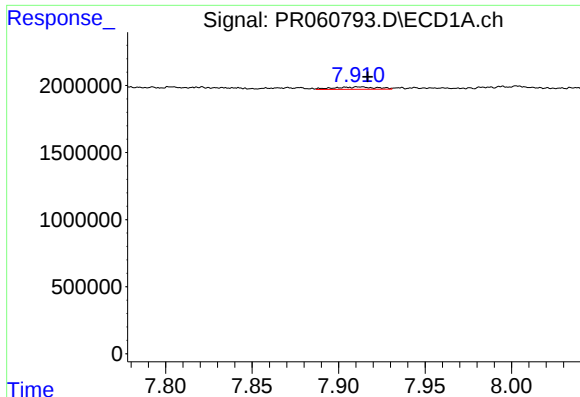
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 313106
Conc: 1.92 ng/ml



#34 AR-1260-4

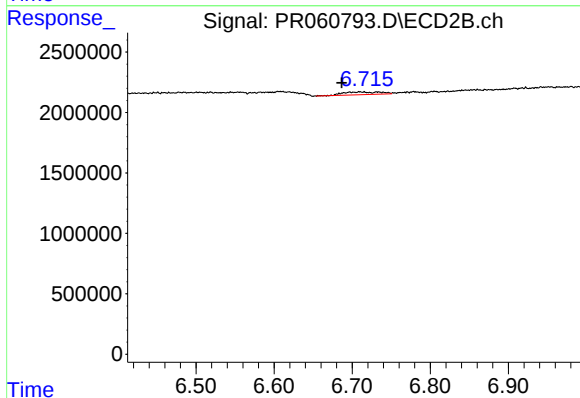
R.T.: 0.000 min
Exp R.T.: 6.421 min
Response: 0
Conc: N.D.



#35 AR-1260-5

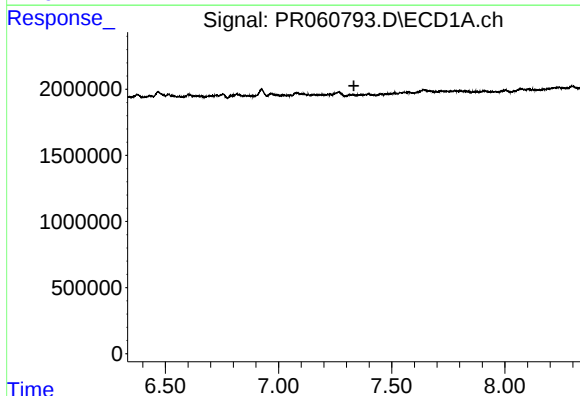
R.T.: 7.912 min
Delta R.T.: -0.005 min
Response: 303716
Conc: 0.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



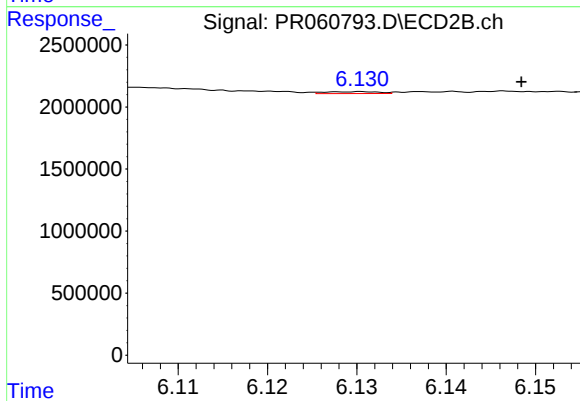
#35 AR-1260-5

R.T.: 6.711 min
Delta R.T.: 0.024 min
Response: 758342
Conc: 1.30 ng/ml



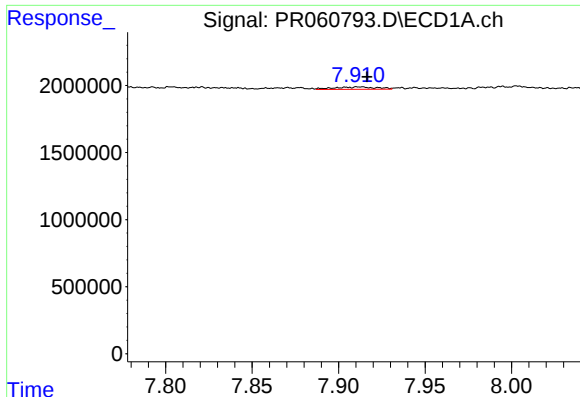
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.333 min
Response: 0
Conc: N.D.



#36 AR-1262-1

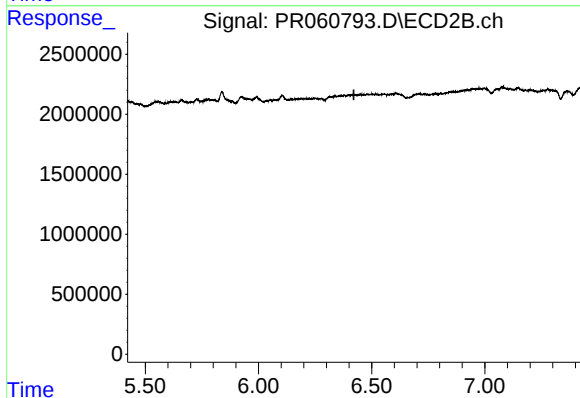
R.T.: 6.130 min
Delta R.T.: -0.018 min
Response: 63539
Conc: 0.20 ng/ml



#37 AR-1262-2

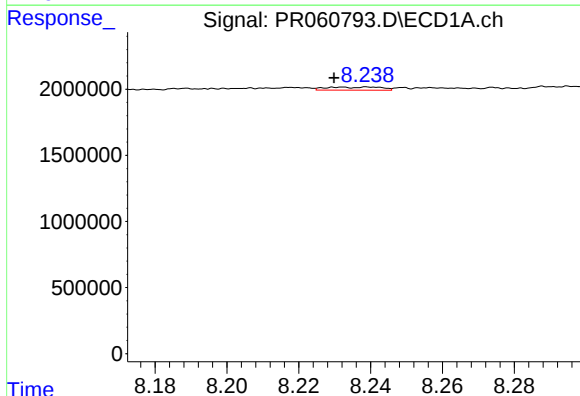
R.T.: 7.912 min
Delta R.T.: -0.004 min
Response: 303716
Conc: 0.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



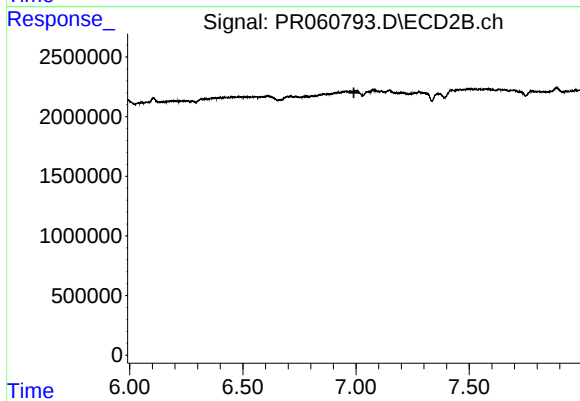
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.421 min
Response: 0
Conc: N.D.



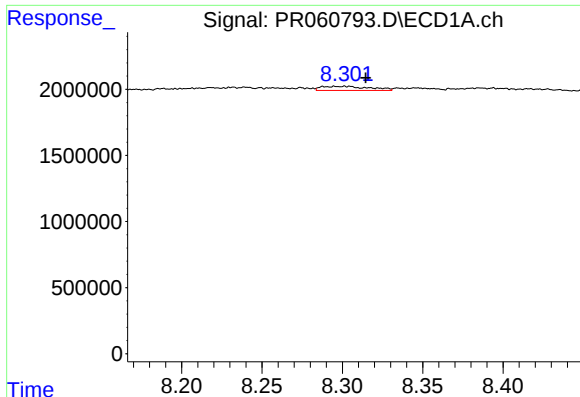
#38 AR-1262-3

R.T.: 8.232 min
Delta R.T.: 0.002 min
Response: 248258
Conc: 1.08 ng/ml



#38 AR-1262-3

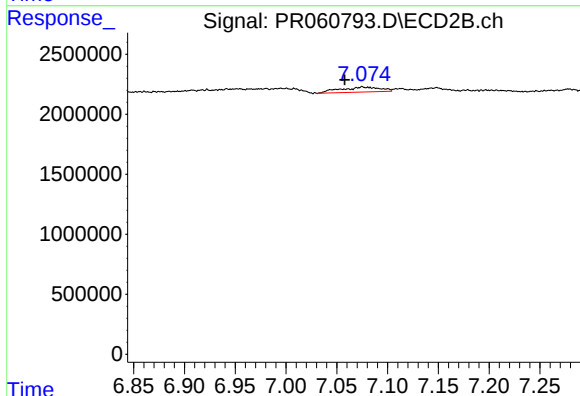
R.T.: 0.000 min
Exp R.T. : 6.991 min
Response: 0
Conc: N.D.



#39 AR-1262-4

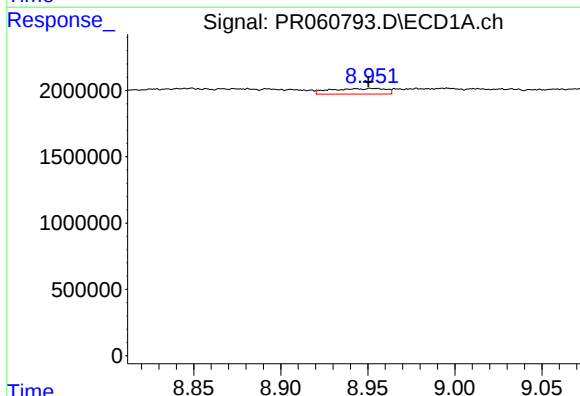
R.T.: 8.296 min
Delta R.T.: -0.019 min
Response: 653008
Conc: 3.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



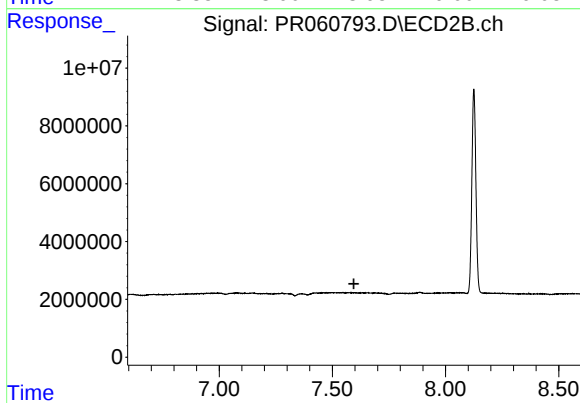
#39 AR-1262-4

R.T.: 7.076 min
Delta R.T.: 0.018 min
Response: 1151355
Conc: 2.68 ng/ml



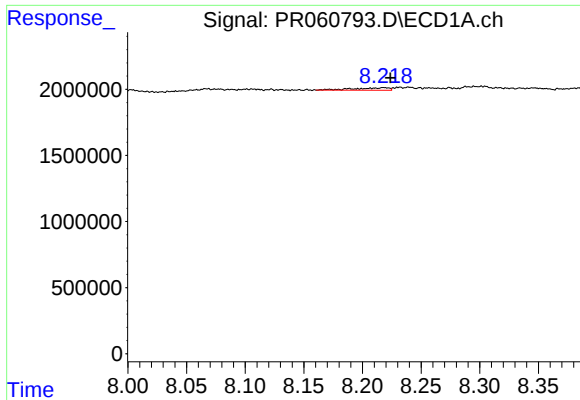
#40 AR-1262-5

R.T.: 8.953 min
Delta R.T.: 0.002 min
Response: 919850
Conc: 7.34 ng/ml



#40 AR-1262-5

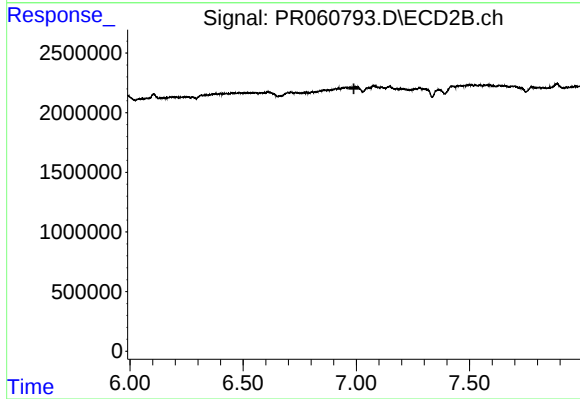
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#41 AR-1268-1

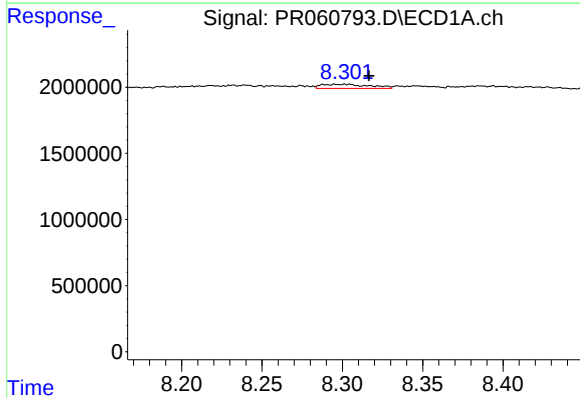
R.T.: 8.218 min
Delta R.T.: -0.006 min
Response: 375111
Conc: 0.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



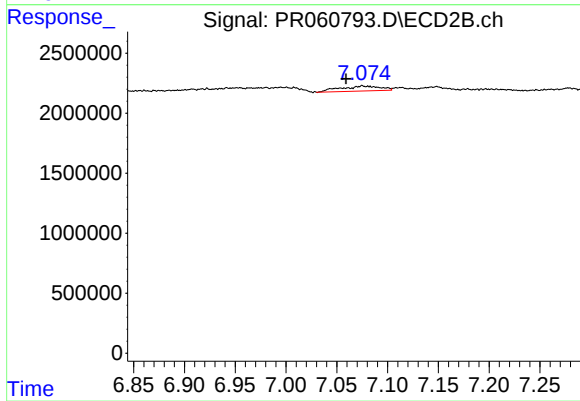
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.989 min
Response: 0
Conc: N.D.



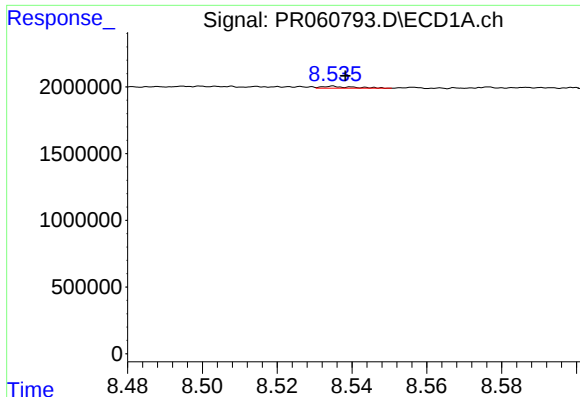
#42 AR-1268-2

R.T.: 8.296 min
Delta R.T.: -0.021 min
Response: 653008
Conc: 1.74 ng/ml



#42 AR-1268-2

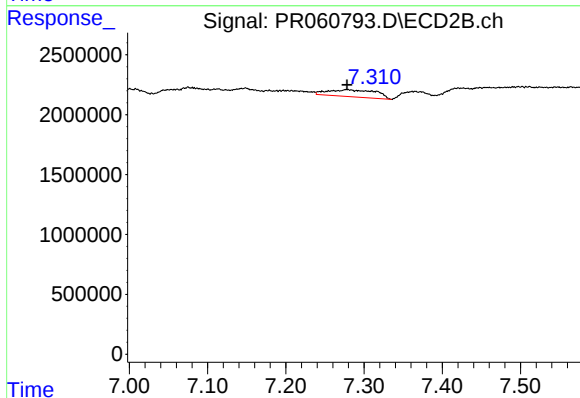
R.T.: 7.076 min
Delta R.T.: 0.016 min
Response: 1151355
Conc: 1.72 ng/ml



#43 AR-1268-3

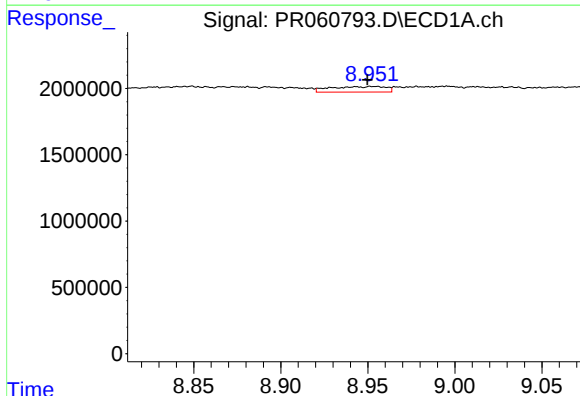
R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 85416
Conc: 0.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



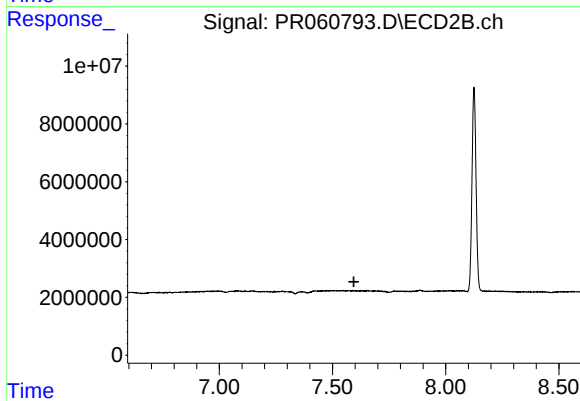
#43 AR-1268-3

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 2479124
Conc: 4.36 ng/ml



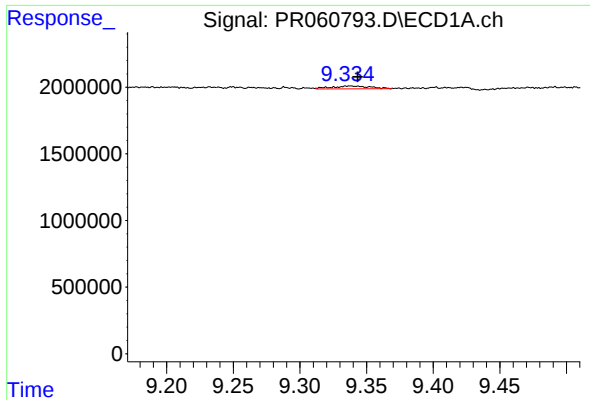
#44 AR-1268-4

R.T.: 8.953 min
Delta R.T.: 0.003 min
Response: 919850
Conc: 6.40 ng/ml



#44 AR-1268-4

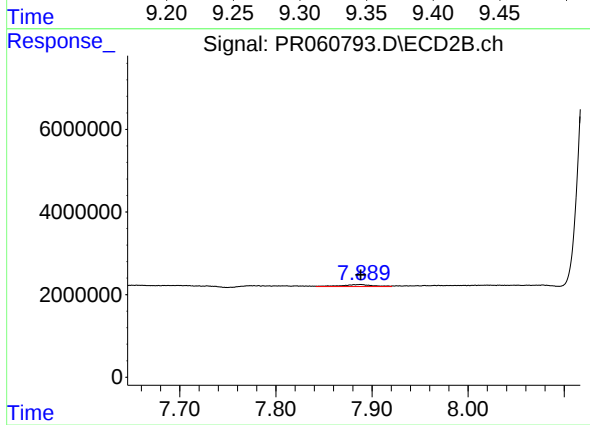
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.338 min
Delta R.T.: -0.006 min
Response: 412204
Conc: 0.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.887 min
Delta R.T.: -0.001 min
Response: 1094156
Conc: 0.58 ng/ml