

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081023\
 Data File : PR062559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 11:27
 Operator : YP\AJ
 Sample : 03572-08
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:59:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 01:27:38 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...	3.684	2.955	29549472	47631852	14.636	16.407
2) SA Decachlor...	9.616	8.236	26610385	70067765	17.866	16.886
Target Compounds						
3) L1 AR-1016-1	4.914	4.080	165896	326959	2.470	3.014
4) L1 AR-1016-2	4.914f	4.097	165896	181497	1.718	1.189 #
5) L1 AR-1016-3	5.014	0.000	214900	0	3.488	N.D. #
6) L1 AR-1016-4	0.000	4.327	0	3156029	N.D.	46.512 #
7) L1 AR-1016-5	5.420	4.545	1191013	1732106	22.827	19.038
9) L2 AR-1221-2	3.999	3.260	492341	853565	31.779	23.639 #
10) L2 AR-1221-3	4.079	3.345	351905	518737	5.862	5.767
11) L3 AR-1232-1	4.079	3.345	351905	518737	7.086	6.926
12) L3 AR-1232-2	0.000	4.097	0	181497	N.D.	2.632 #
13) L3 AR-1232-3	4.914f	0.000	165896	0	3.884	N.D. #
14) L3 AR-1232-4	0.000	4.367	0	883211	N.D.	26.083 #
15) L3 AR-1232-5	5.206	4.545	1951283	1732106	112.201	44.081 #
16) L4 AR-1242-1	4.914	4.080	165896	326959	2.976	3.634
17) L4 AR-1242-2	4.914f	4.097	165896	181497	2.066	1.448 #
18) L4 AR-1242-3	5.014	0.000	214900	0	4.173	N.D. #
19) L4 AR-1242-4	0.000	4.367	0	883211	N.D.	12.879 #
20) L4 AR-1242-5	5.899	4.918	1206474	7525733	28.162	84.059 #
21) L5 AR-1248-1	4.914	4.080	165896	326959	4.039	4.886
22) L5 AR-1248-2	5.206	4.327	1951283	3156029	32.217	32.934
23) L5 AR-1248-3	5.420	4.367	1191013	883211	16.983	8.946 #
24) L5 AR-1248-4	5.853	4.545	1434362	1732106	19.832	14.599 #
25) L5 AR-1248-5	5.899	4.959	1206474	1127586	17.033	9.436 #
26) L6 AR-1254-1	5.825	4.918	3305507	7525733	41.358	42.017
27) L6 AR-1254-2	6.063	5.077	5139178	6810018	43.056	43.544
28) L6 AR-1254-3	6.456	5.501	4902342	10331908	41.419	39.793
29) L6 AR-1254-4	6.768	5.748	3406445	6802233	40.923	40.601
30) L6 AR-1254-5	7.224	6.196	4016367	10661965	44.680	42.876
31) L7 AR-1260-1	6.636	5.642	2296173	5656531	22.242	29.074 #
32) L7 AR-1260-2	6.918	5.847	2081958	4768221	18.980	20.057
33) L7 AR-1260-3	7.307	6.005	234524	4925408	2.877	21.839 #
34) L7 AR-1260-4	7.531f	6.511	1467315	646439	16.316	3.263 #
35) L7 AR-1260-5	7.889	6.780	734053	1352347	4.530	2.918 #
36) L8 AR-1262-1	7.307	6.268f	234524	1105524	2.043	4.247 #
37) L8 AR-1262-2	7.889	6.780	734053	1352347	4.062	2.782 #
38) L8 AR-1262-3	8.207	7.097	379670	714082	2.993	3.594
39) L8 AR-1262-4	8.258f	7.151	179331	1724520	1.777	4.632 #
41) L9 AR-1268-1	8.207	7.097	379670	714082	1.751	1.226 #
42) L9 AR-1268-2	8.258f	7.151	179331	1724520	0.886	3.201 #
43) L9 AR-1268-3	8.527f	7.382	803701	1502273	4.532	3.184 #

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 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
45) L9	AR-1268-5	9.302	7.989	445423	969421	0.877	0.648 #

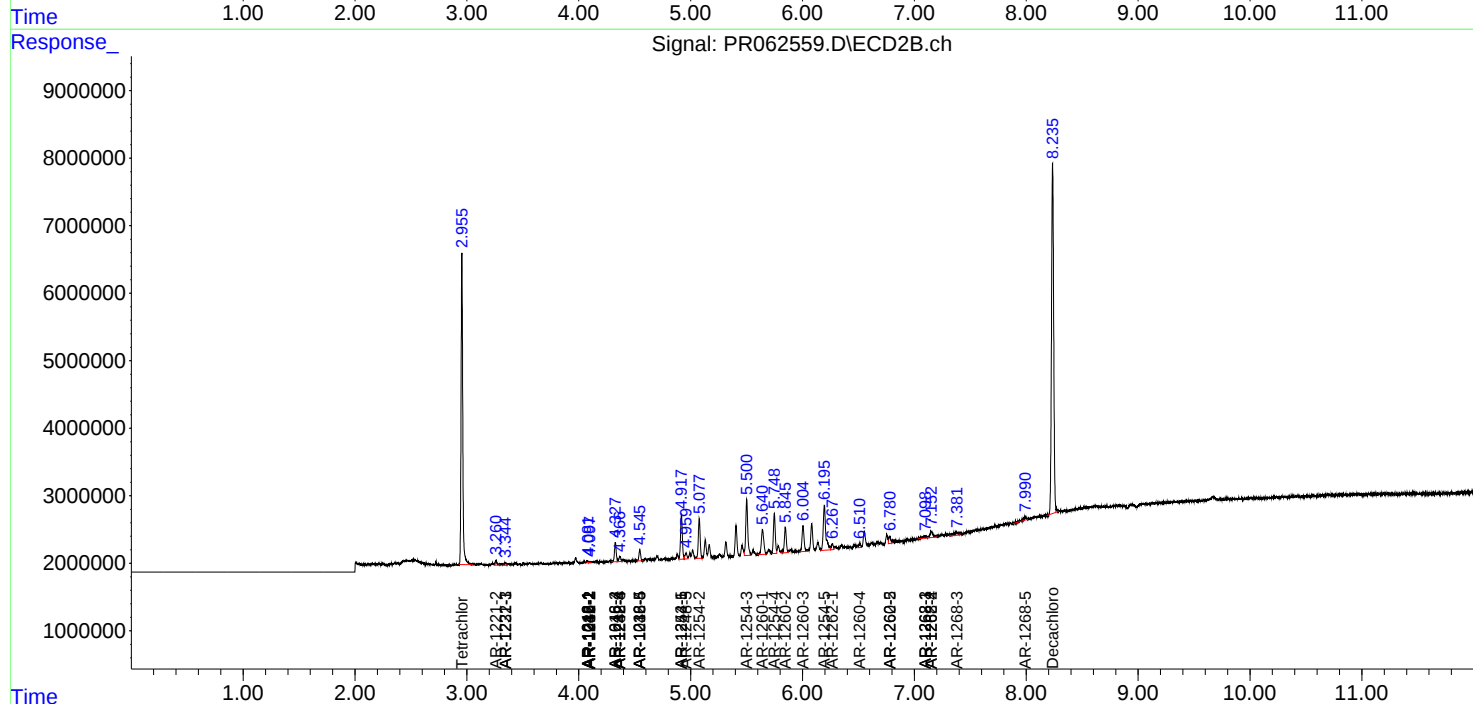
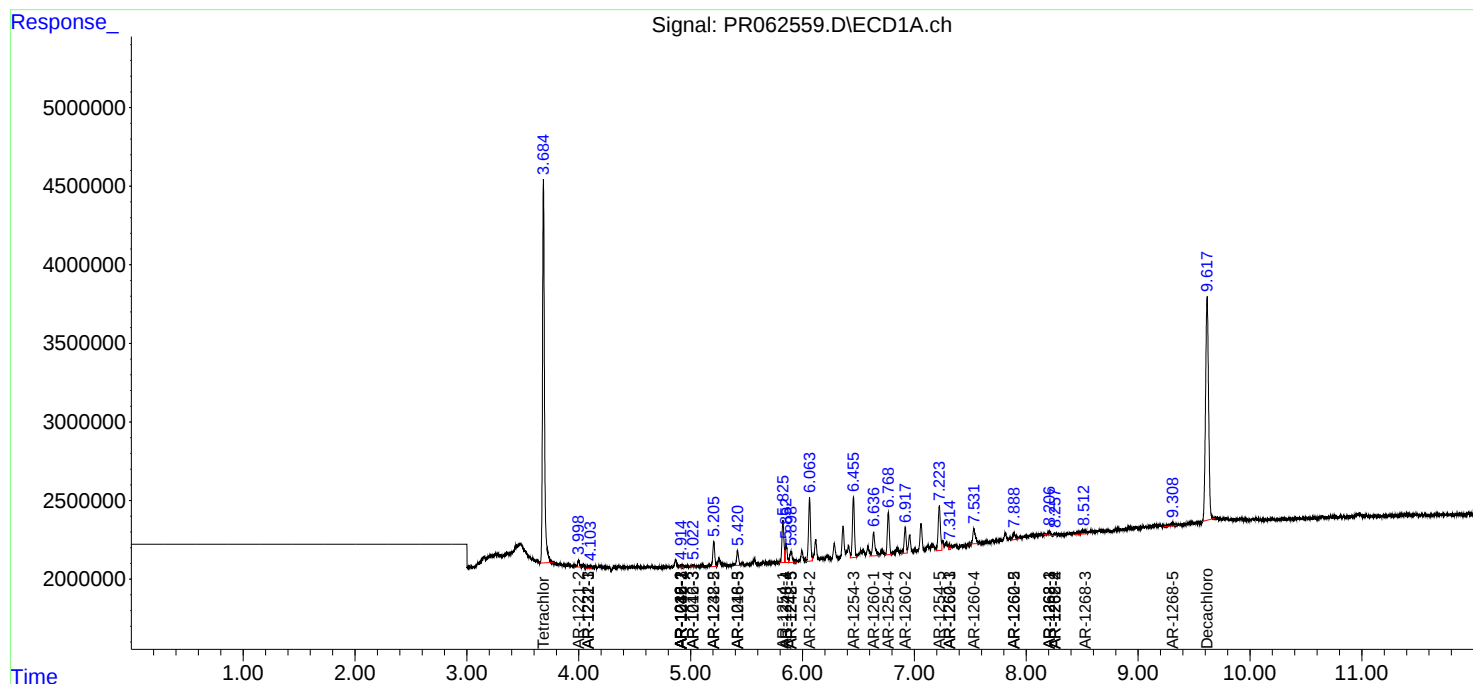
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

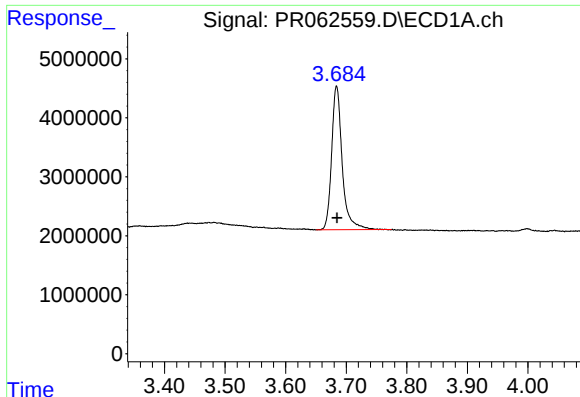
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081023\
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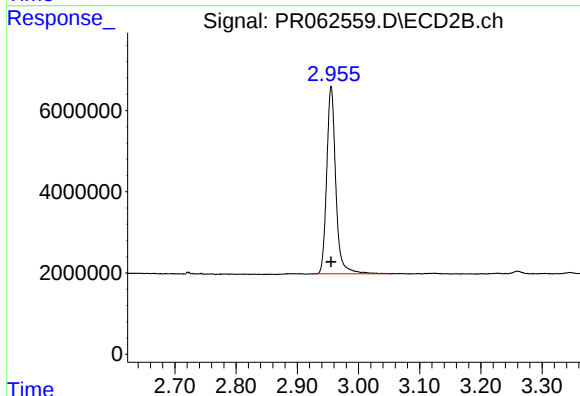




#1 Tetrachloro-m-xylene

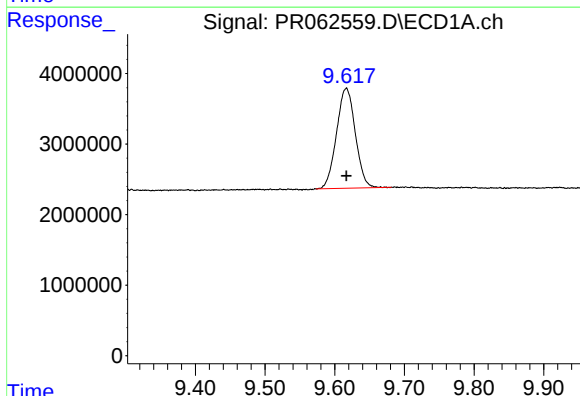
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 29549472
Conc: 14.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



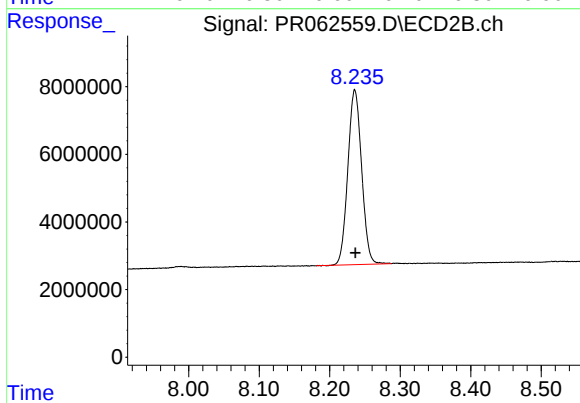
#1 Tetrachloro-m-xylene

R.T.: 2.955 min
Delta R.T.: 0.000 min
Response: 47631852
Conc: 16.41 ng/ml



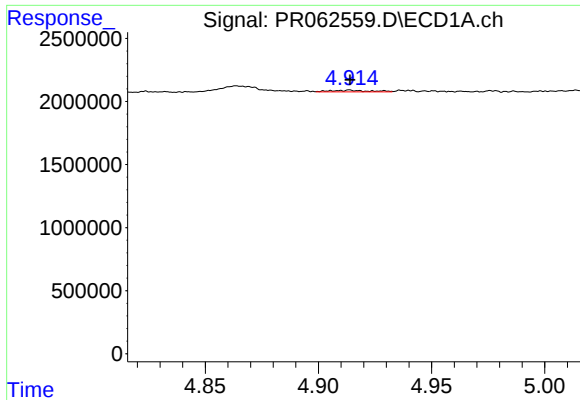
#2 Decachlorobiphenyl

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 26610385
Conc: 17.87 ng/ml



#2 Decachlorobiphenyl

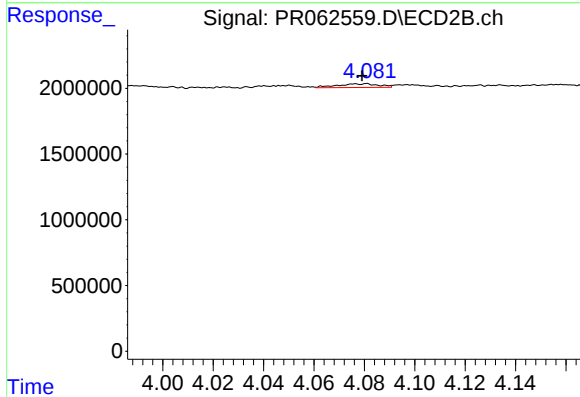
R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 70067765
Conc: 16.89 ng/ml



#3 AR-1016-1

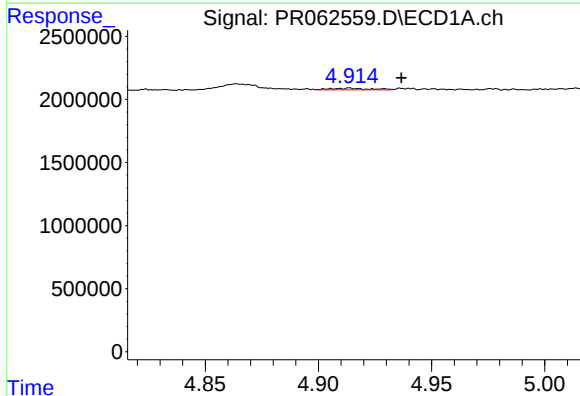
R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 165896
Conc: 2.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



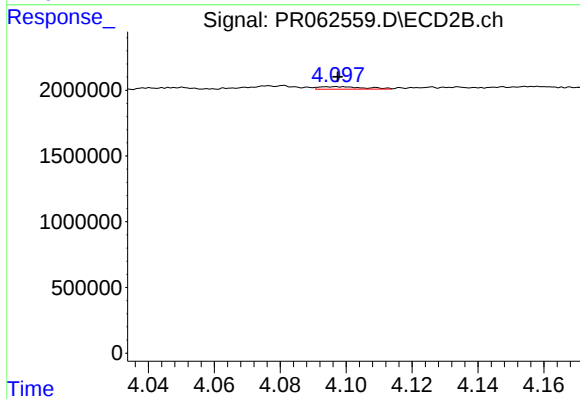
#3 AR-1016-1

R.T.: 4.080 min
Delta R.T.: 0.001 min
Response: 326959
Conc: 3.01 ng/ml



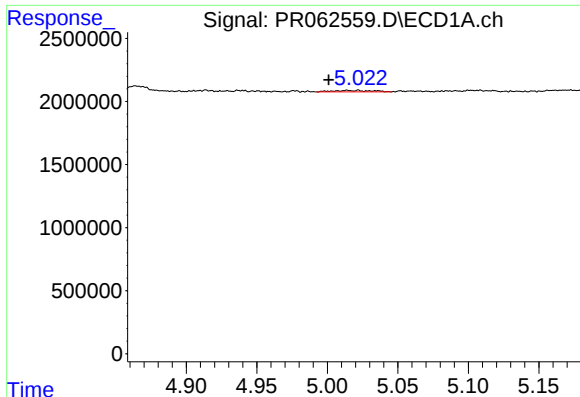
#4 AR-1016-2

R.T.: 4.914 min
Delta R.T.: -0.023 min
Response: 165896
Conc: 1.72 ng/ml



#4 AR-1016-2

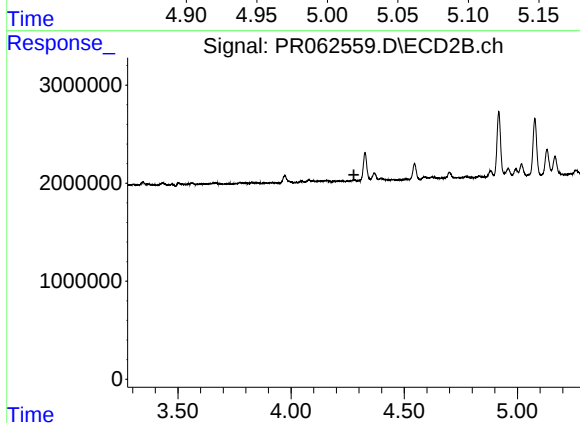
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 181497
Conc: 1.19 ng/ml



#5 AR-1016-3

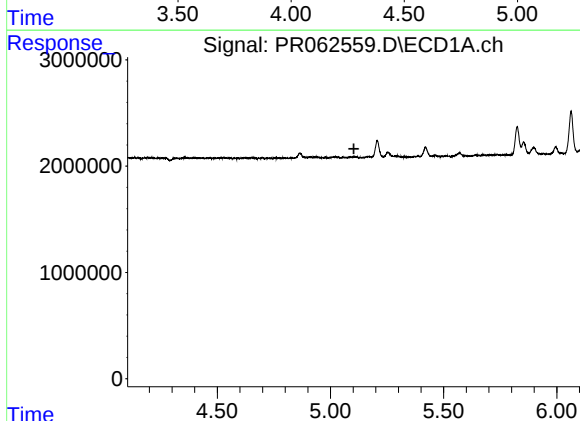
R.T.: 5.014 min
Delta R.T.: 0.013 min
Response: 214900
Conc: 3.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



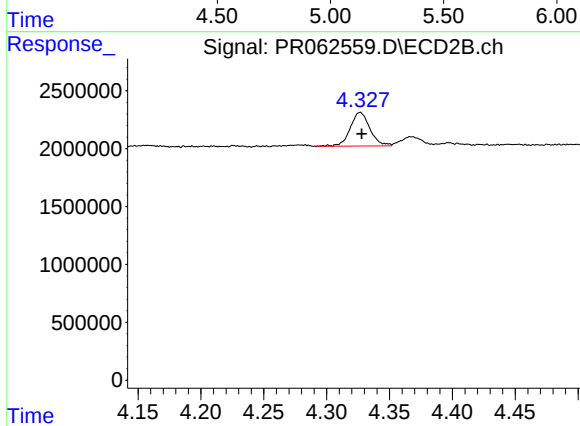
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.277 min
Response: 0
Conc: N.D.



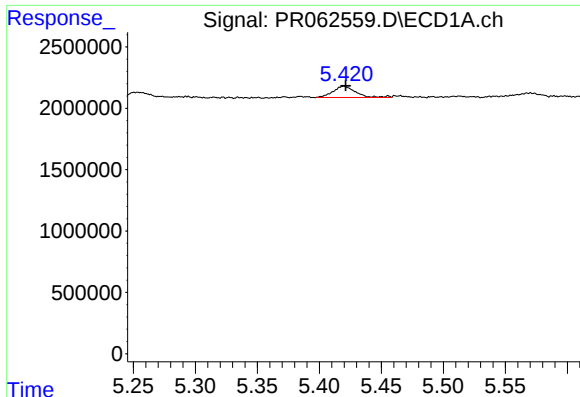
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#6 AR-1016-4

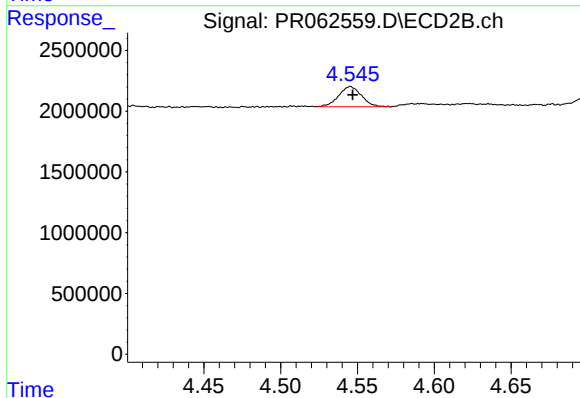
R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 3156029
Conc: 46.51 ng/ml



#7 AR-1016-5

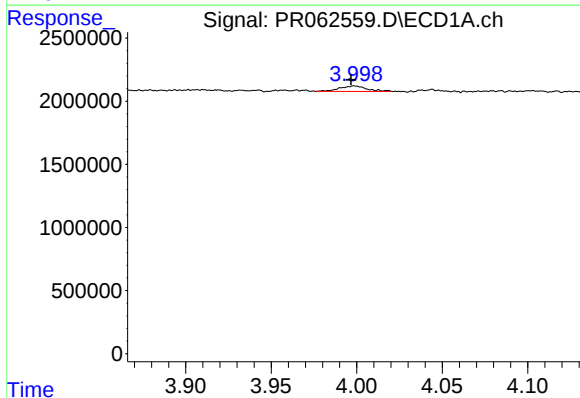
R.T.: 5.420 min
Delta R.T.: -0.001 min
Response: 1191013
Conc: 22.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



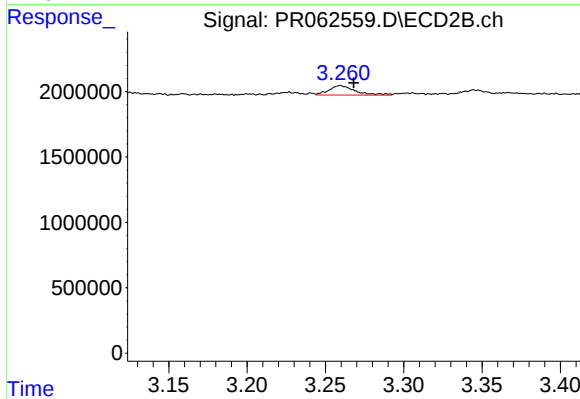
#7 AR-1016-5

R.T.: 4.545 min
Delta R.T.: -0.001 min
Response: 1732106
Conc: 19.04 ng/ml



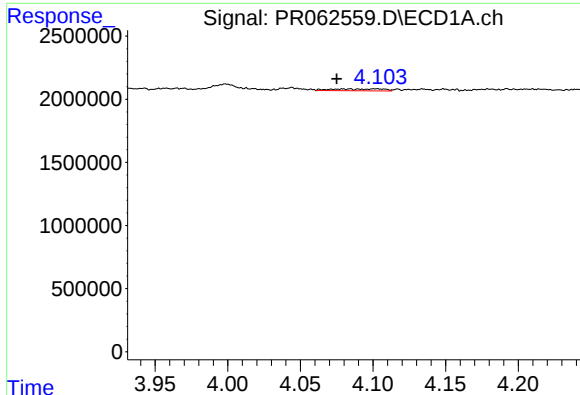
#9 AR-1221-2

R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 492341
Conc: 31.78 ng/ml



#9 AR-1221-2

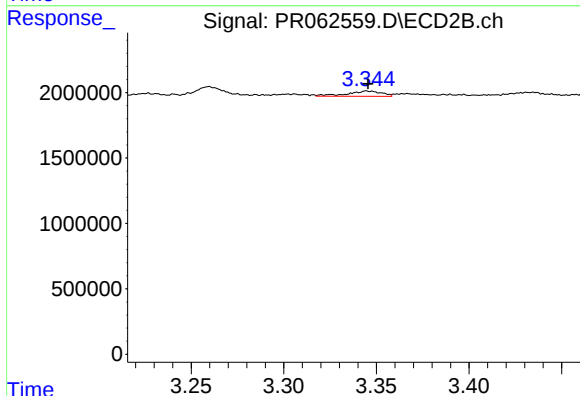
R.T.: 3.260 min
Delta R.T.: -0.009 min
Response: 853565
Conc: 23.64 ng/ml



#10 AR-1221-3

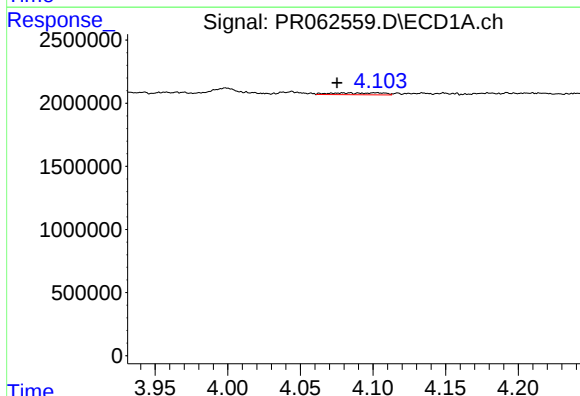
R.T.: 4.079 min
Delta R.T.: 0.004 min
Response: 351905
Conc: 5.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



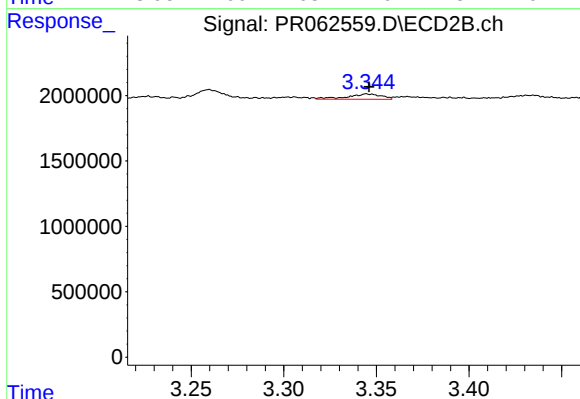
#10 AR-1221-3

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 518737
Conc: 5.77 ng/ml



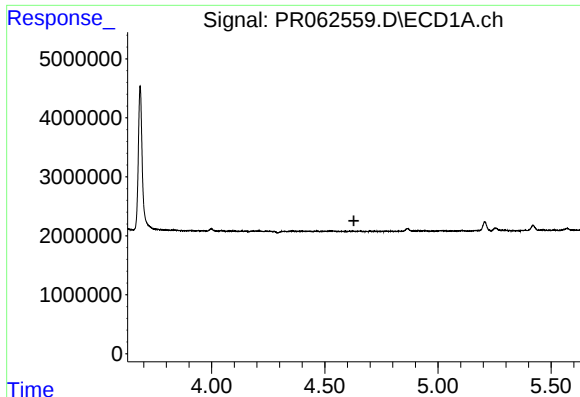
#11 AR-1232-1

R.T.: 4.079 min
Delta R.T.: 0.004 min
Response: 351905
Conc: 7.09 ng/ml



#11 AR-1232-1

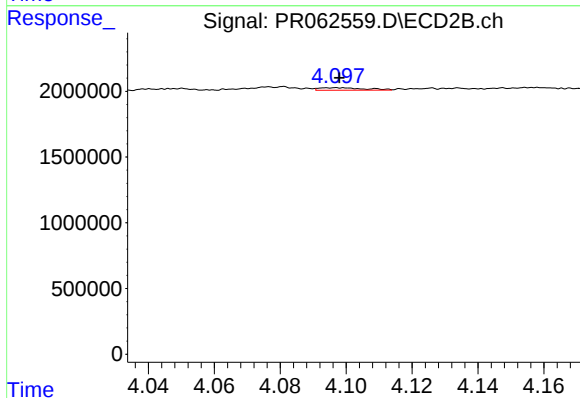
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 518737
Conc: 6.93 ng/ml



#12 AR-1232-2

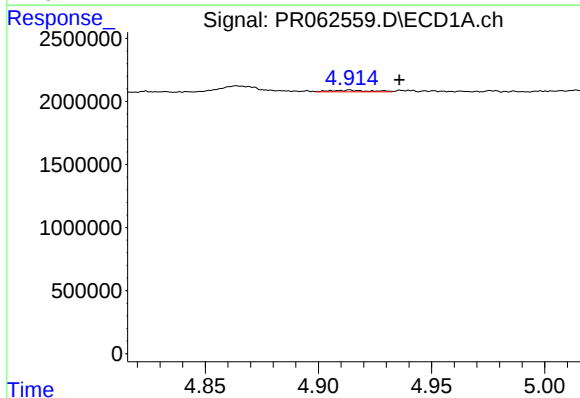
R.T.: 0.000 min
Exp R.T.: 4.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



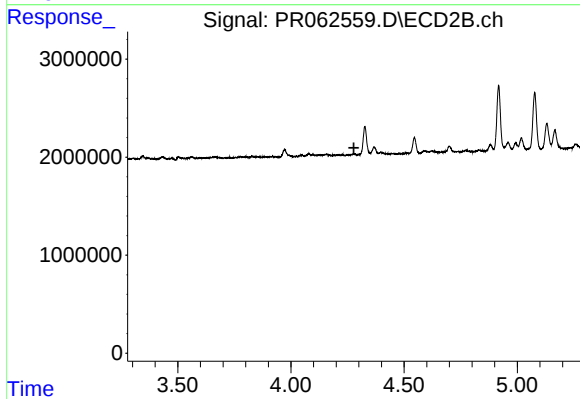
#12 AR-1232-2

R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 181497
Conc: 2.63 ng/ml



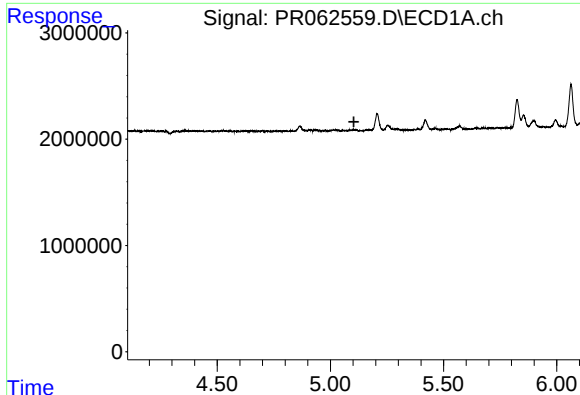
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: -0.022 min
Response: 165896
Conc: 3.88 ng/ml



#13 AR-1232-3

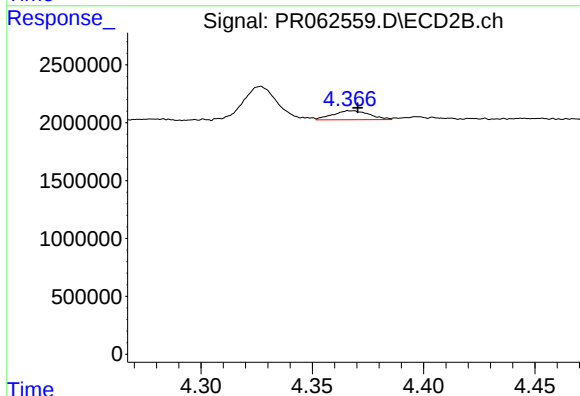
R.T.: 0.000 min
Exp R.T.: 4.278 min
Response: 0
Conc: N.D.



#14 AR-1232-4

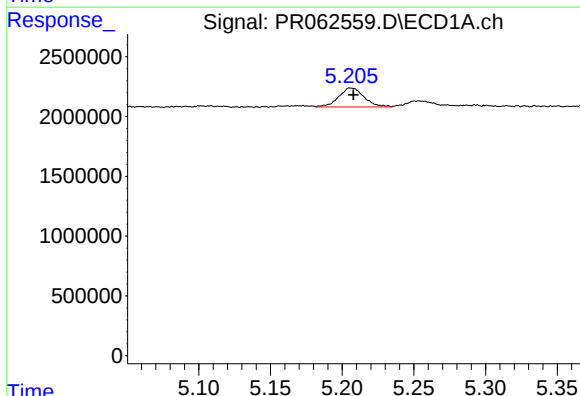
R.T.: 0.000 min
Exp R.T.: 5.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



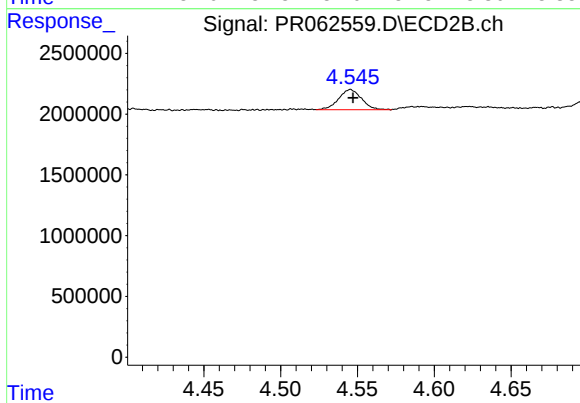
#14 AR-1232-4

R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 883211
Conc: 26.08 ng/ml



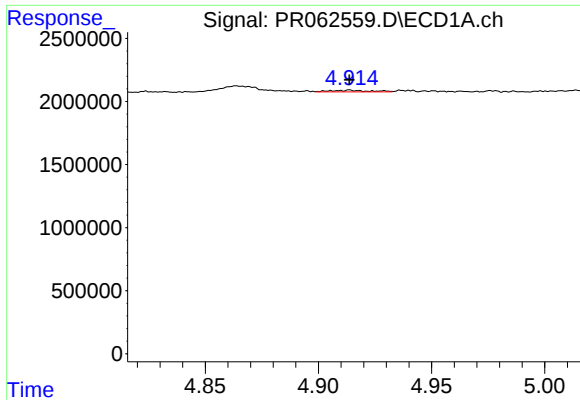
#15 AR-1232-5

R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 1951283
Conc: 112.20 ng/ml



#15 AR-1232-5

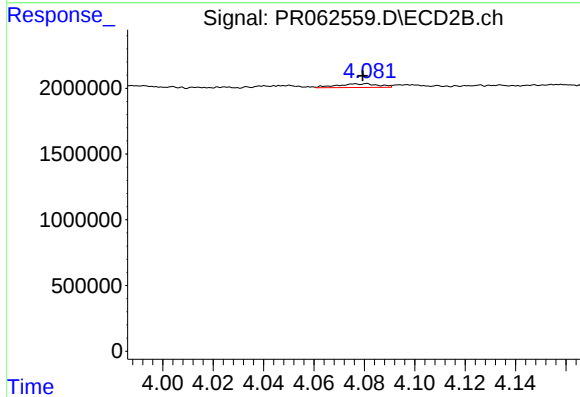
R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 1732106
Conc: 44.08 ng/ml



#16 AR-1242-1

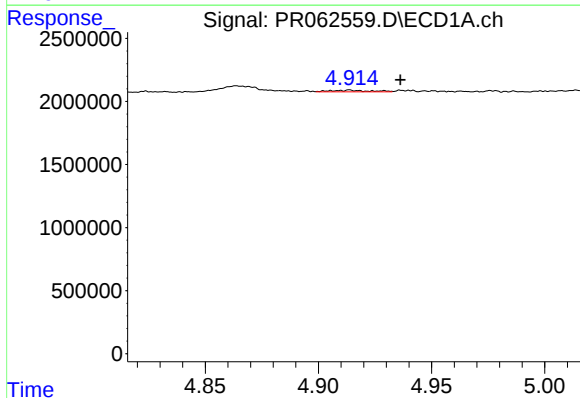
R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 165896
Conc: 2.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



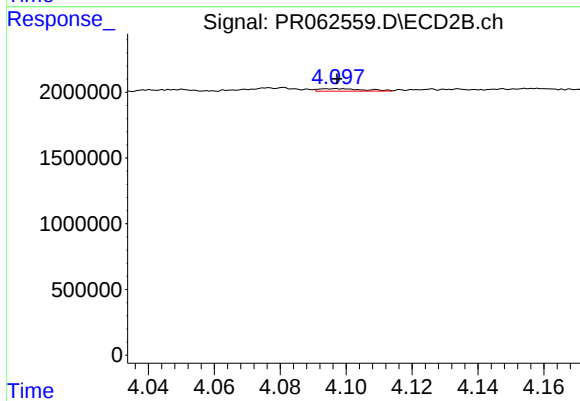
#16 AR-1242-1

R.T.: 4.080 min
Delta R.T.: 0.001 min
Response: 326959
Conc: 3.63 ng/ml



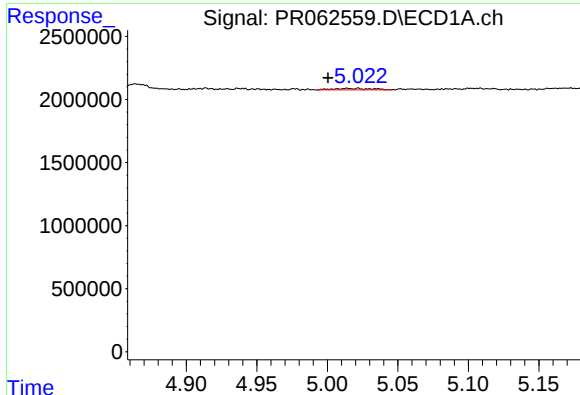
#17 AR-1242-2

R.T.: 4.914 min
Delta R.T.: -0.022 min
Response: 165896
Conc: 2.07 ng/ml



#17 AR-1242-2

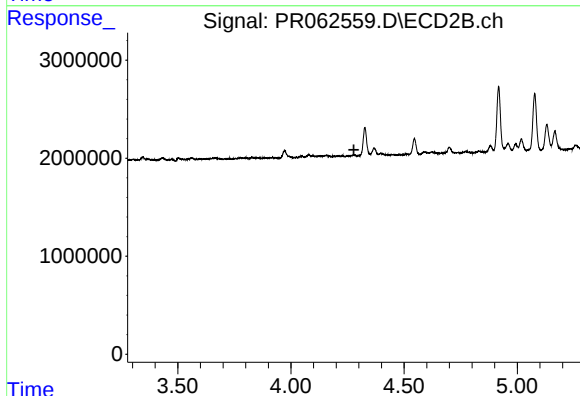
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 181497
Conc: 1.45 ng/ml



#18 AR-1242-3

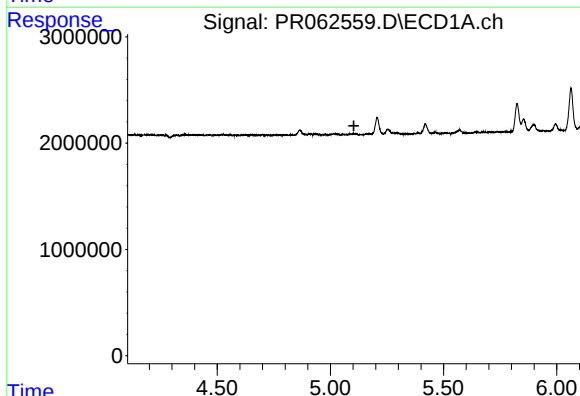
R.T.: 5.014 min
Delta R.T.: 0.013 min
Response: 214900
Conc: 4.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



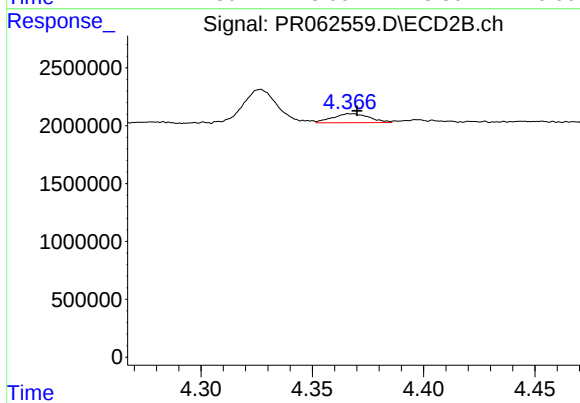
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.278 min
Response: 0
Conc: N.D.



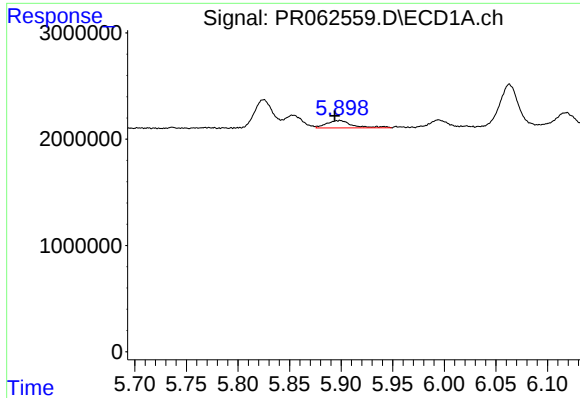
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#19 AR-1242-4

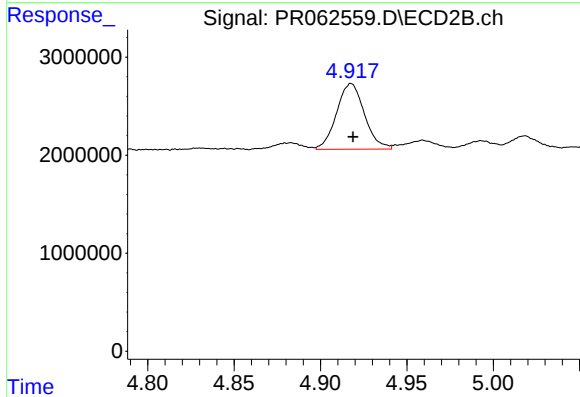
R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 883211
Conc: 12.88 ng/ml



#20 AR-1242-5

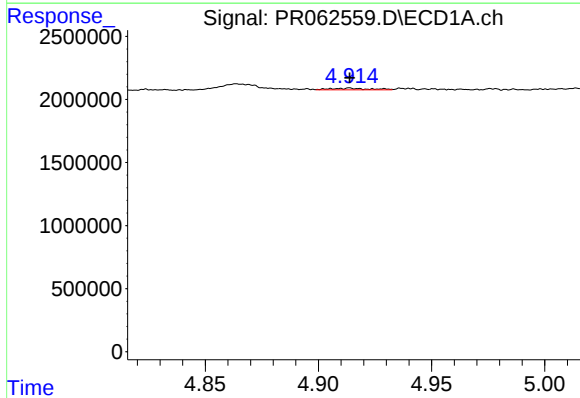
R.T.: 5.899 min
Delta R.T.: 0.005 min
Response: 1206474
Conc: 28.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



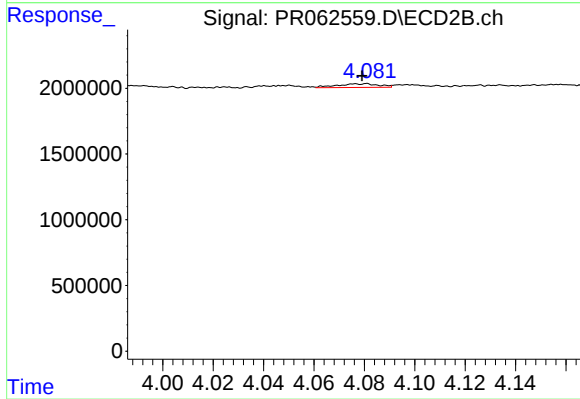
#20 AR-1242-5

R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 7525733
Conc: 84.06 ng/ml



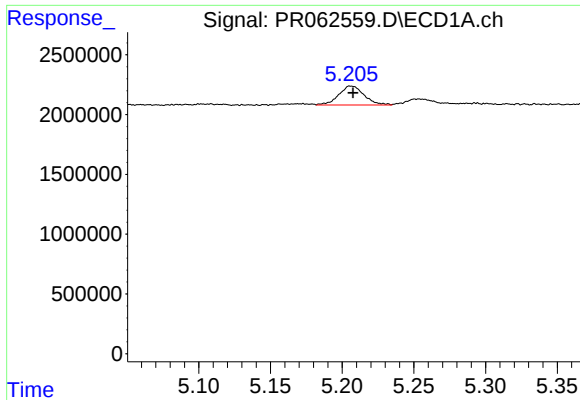
#21 AR-1248-1

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 165896
Conc: 4.04 ng/ml



#21 AR-1248-1

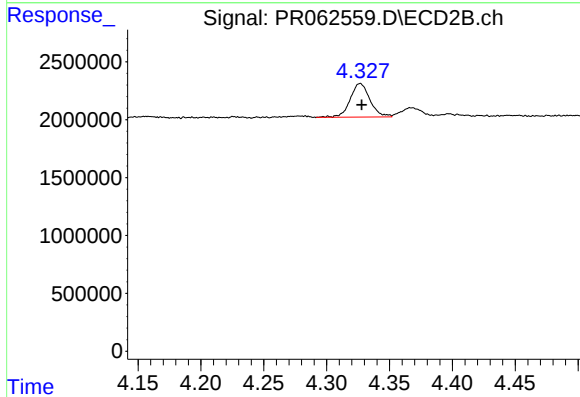
R.T.: 4.080 min
Delta R.T.: 0.001 min
Response: 326959
Conc: 4.89 ng/ml



#22 AR-1248-2

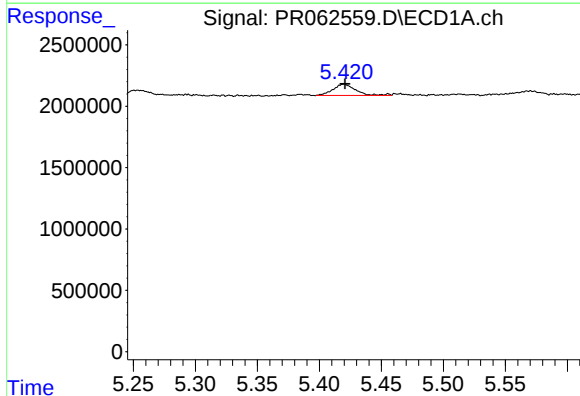
R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 1951283
Conc: 32.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



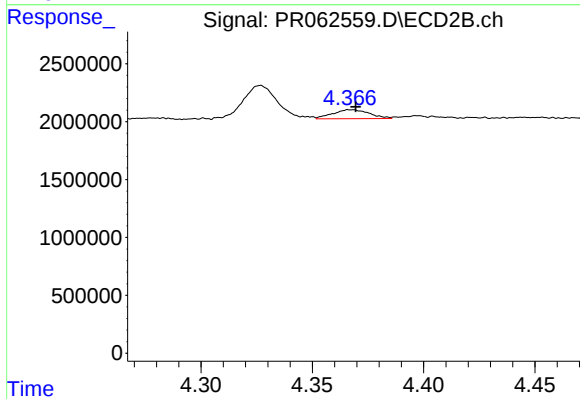
#22 AR-1248-2

R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 3156029
Conc: 32.93 ng/ml



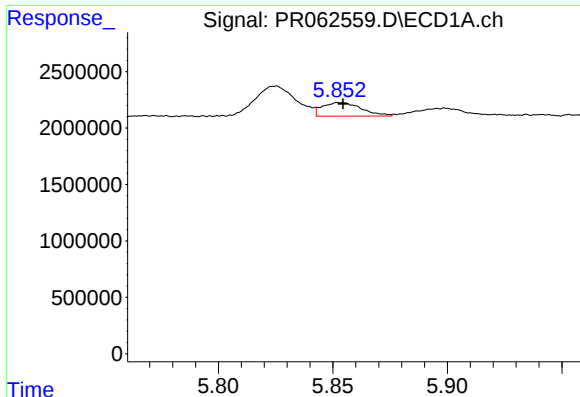
#23 AR-1248-3

R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 1191013
Conc: 16.98 ng/ml



#23 AR-1248-3

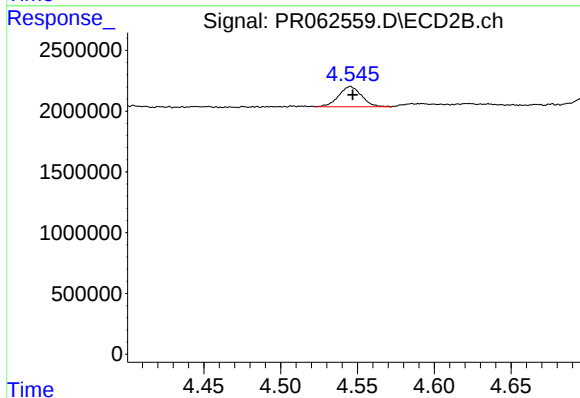
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 883211
Conc: 8.95 ng/ml



#24 AR-1248-4

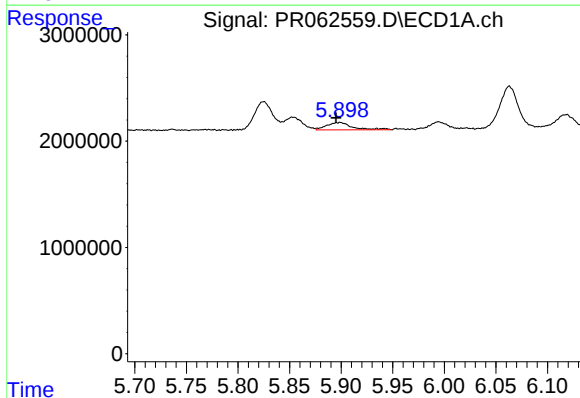
R.T.: 5.853 min
Delta R.T.: -0.001 min
Response: 1434362
Conc: 19.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



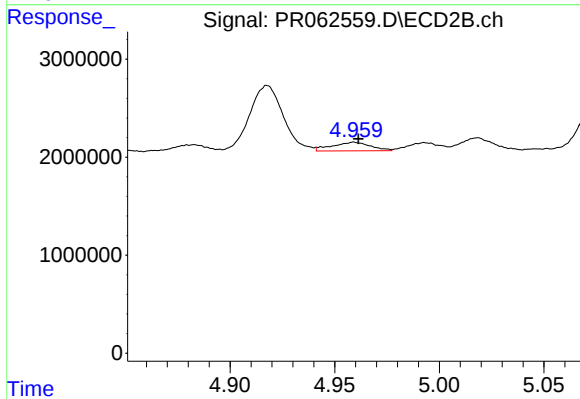
#24 AR-1248-4

R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 1732106
Conc: 14.60 ng/ml



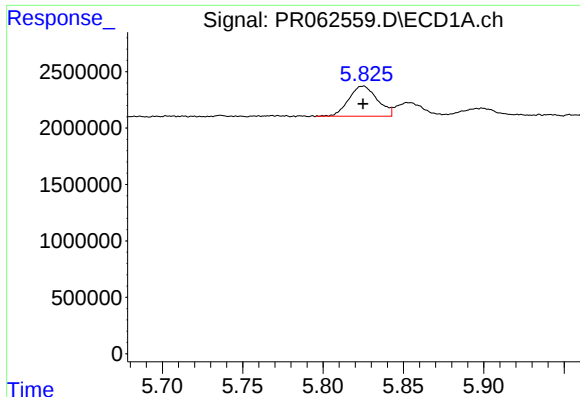
#25 AR-1248-5

R.T.: 5.899 min
Delta R.T.: 0.004 min
Response: 1206474
Conc: 17.03 ng/ml



#25 AR-1248-5

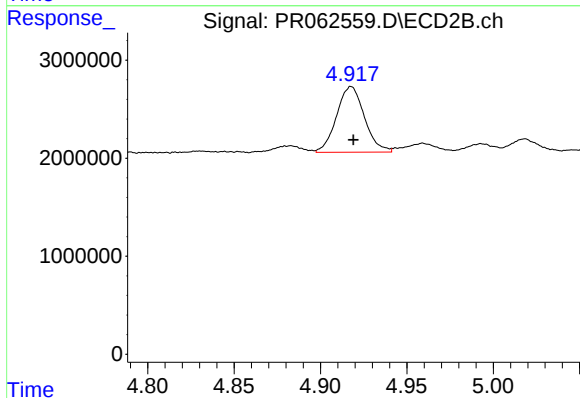
R.T.: 4.959 min
Delta R.T.: -0.002 min
Response: 1127586
Conc: 9.44 ng/ml



#26 AR-1254-1

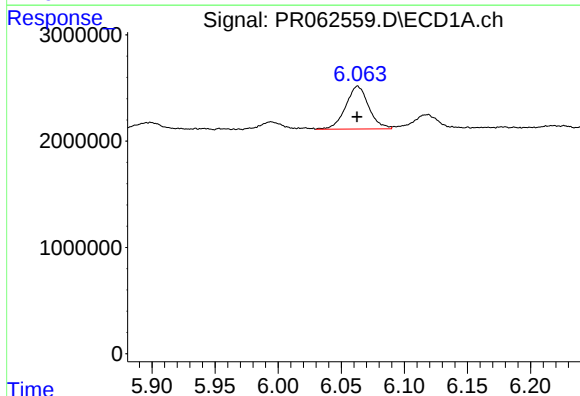
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 3305507
Conc: 41.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



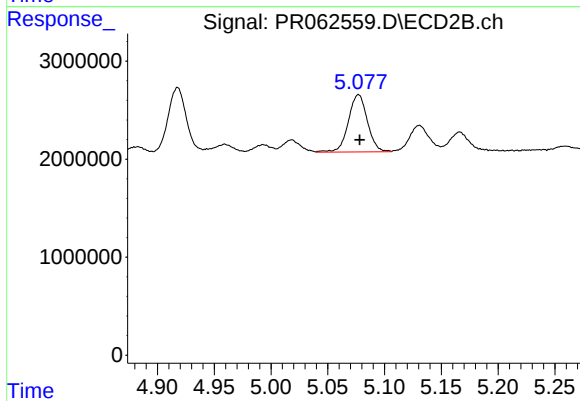
#26 AR-1254-1

R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 7525733
Conc: 42.02 ng/ml



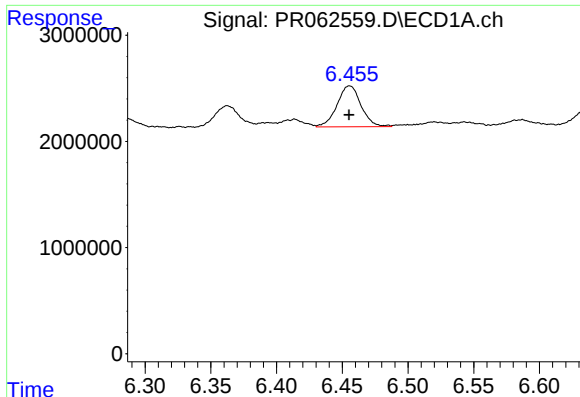
#27 AR-1254-2

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 5139178
Conc: 43.06 ng/ml



#27 AR-1254-2

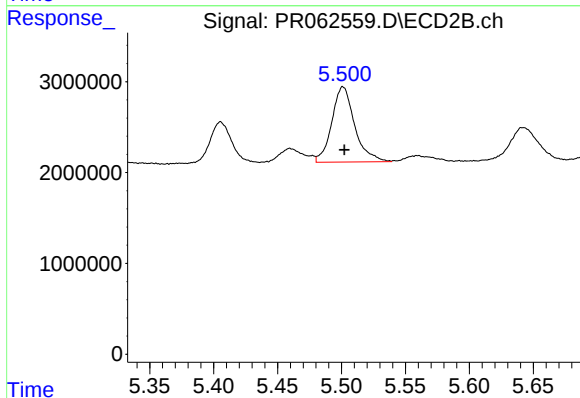
R.T.: 5.077 min
Delta R.T.: -0.001 min
Response: 6810018
Conc: 43.54 ng/ml



#28 AR-1254-3

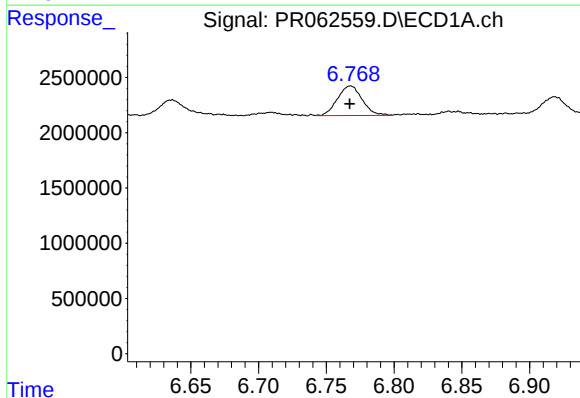
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 4902342
Conc: 41.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



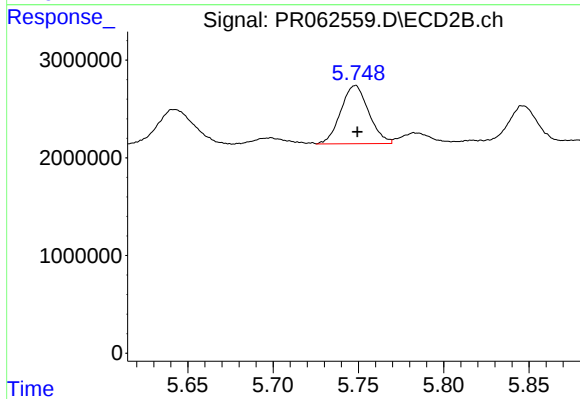
#28 AR-1254-3

R.T.: 5.501 min
Delta R.T.: -0.001 min
Response: 10331908
Conc: 39.79 ng/ml



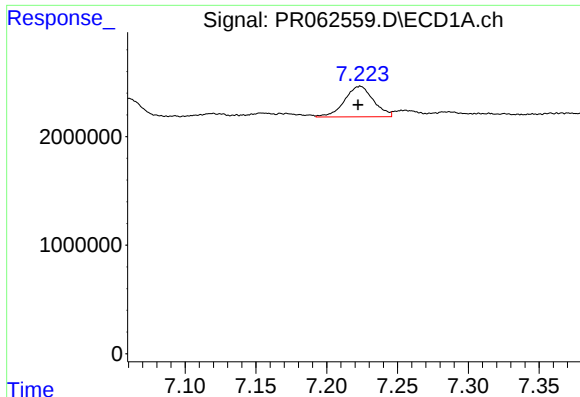
#29 AR-1254-4

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 3406445
Conc: 40.92 ng/ml



#29 AR-1254-4

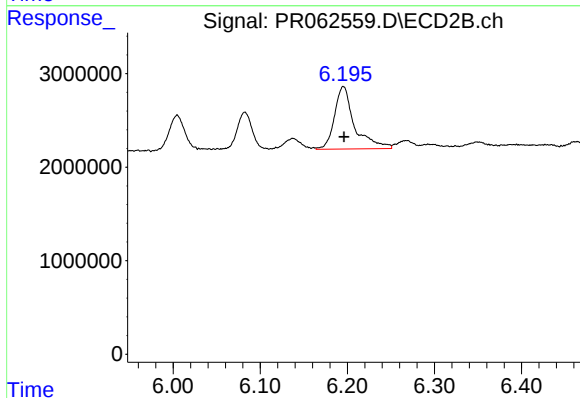
R.T.: 5.748 min
Delta R.T.: -0.001 min
Response: 6802233
Conc: 40.60 ng/ml



#30 AR-1254-5

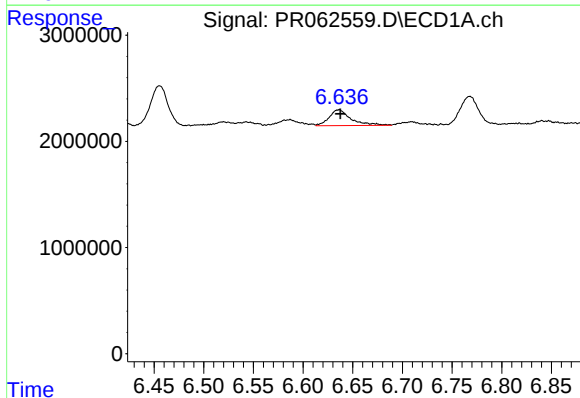
R.T.: 7.224 min
Delta R.T.: 0.001 min
Response: 4016367
Conc: 44.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



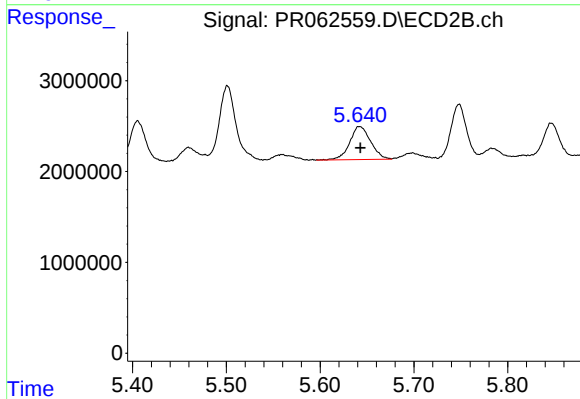
#30 AR-1254-5

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 10661965
Conc: 42.88 ng/ml



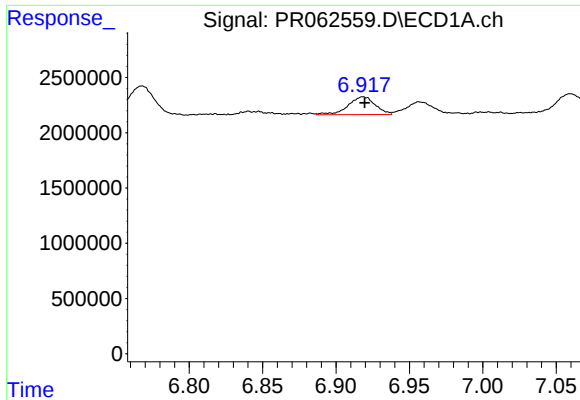
#31 AR-1260-1

R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 2296173
Conc: 22.24 ng/ml



#31 AR-1260-1

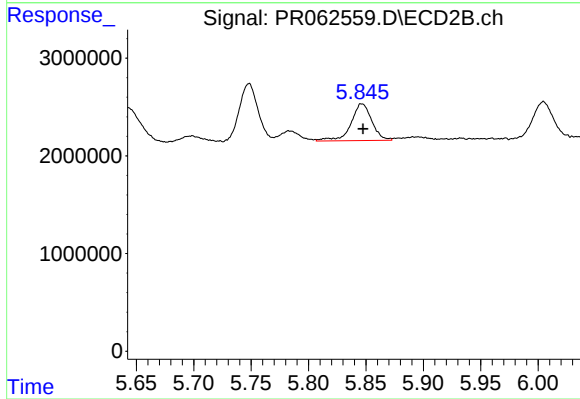
R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 5656531
Conc: 29.07 ng/ml



#32 AR-1260-2

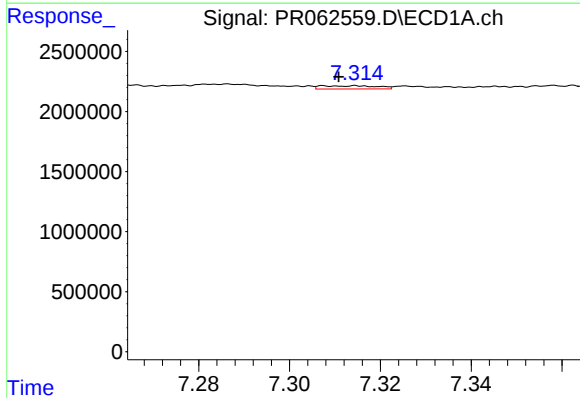
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 2081958
Conc: 18.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



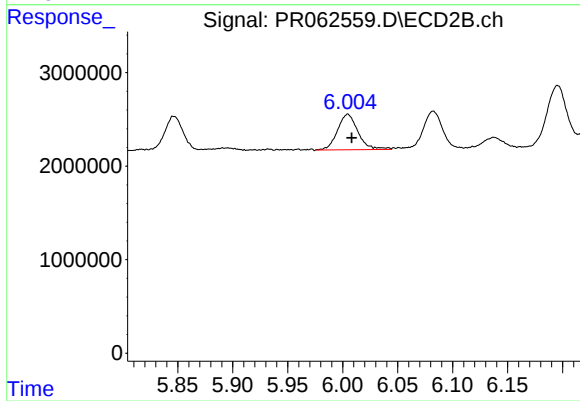
#32 AR-1260-2

R.T.: 5.847 min
Delta R.T.: -0.001 min
Response: 4768221
Conc: 20.06 ng/ml



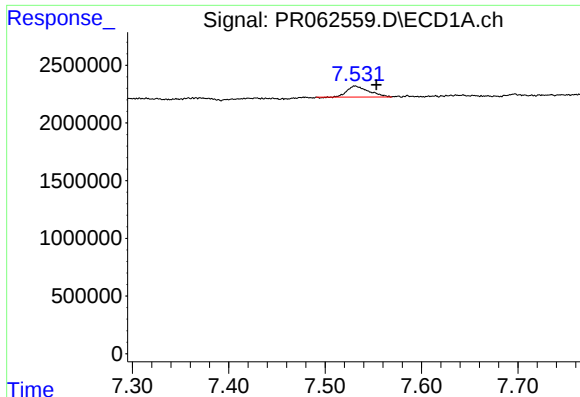
#33 AR-1260-3

R.T.: 7.307 min
Delta R.T.: -0.003 min
Response: 234524
Conc: 2.88 ng/ml



#33 AR-1260-3

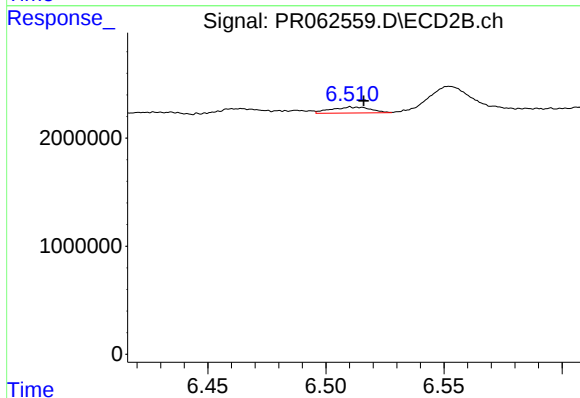
R.T.: 6.005 min
Delta R.T.: -0.003 min
Response: 4925408
Conc: 21.84 ng/ml



#34 AR-1260-4

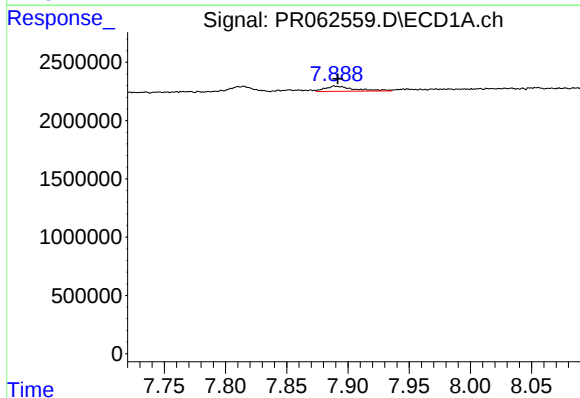
R.T.: 7.531 min
Delta R.T.: -0.022 min
Response: 1467315
Conc: 16.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



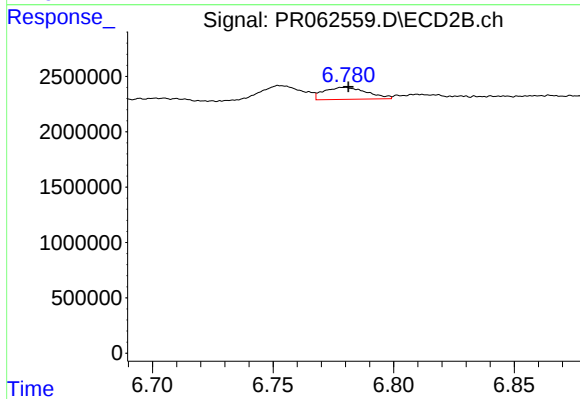
#34 AR-1260-4

R.T.: 6.511 min
Delta R.T.: -0.005 min
Response: 646439
Conc: 3.26 ng/ml



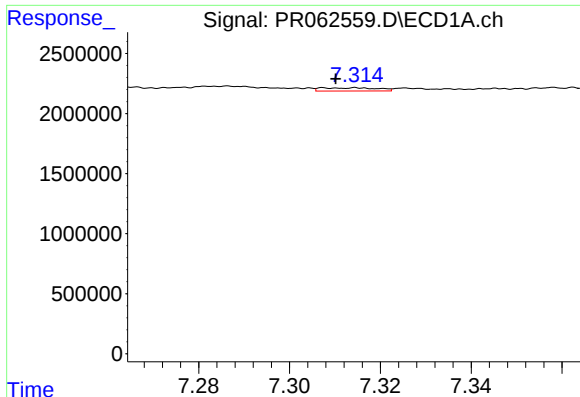
#35 AR-1260-5

R.T.: 7.889 min
Delta R.T.: -0.002 min
Response: 734053
Conc: 4.53 ng/ml



#35 AR-1260-5

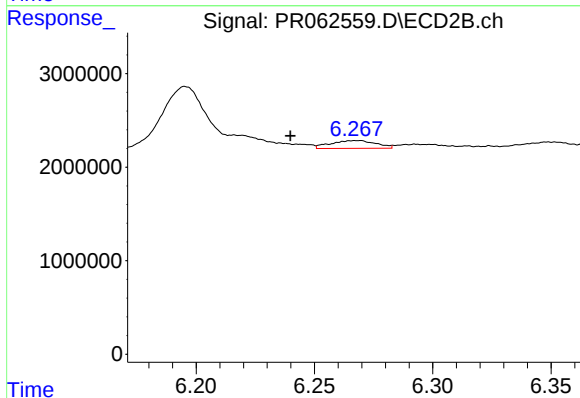
R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 1352347
Conc: 2.92 ng/ml



#36 AR-1262-1

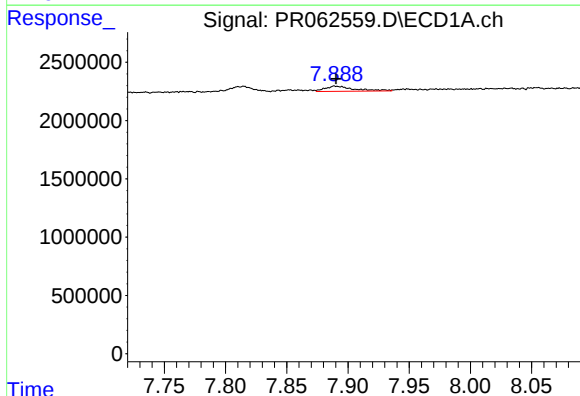
R.T.: 7.307 min
Delta R.T.: -0.003 min
Response: 234524
Conc: 2.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



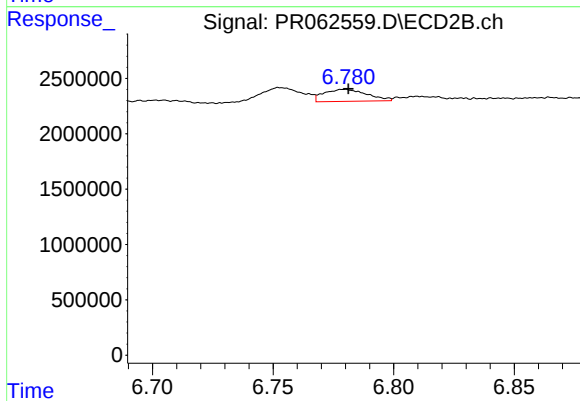
#36 AR-1262-1

R.T.: 6.268 min
Delta R.T.: 0.028 min
Response: 1105524
Conc: 4.25 ng/ml



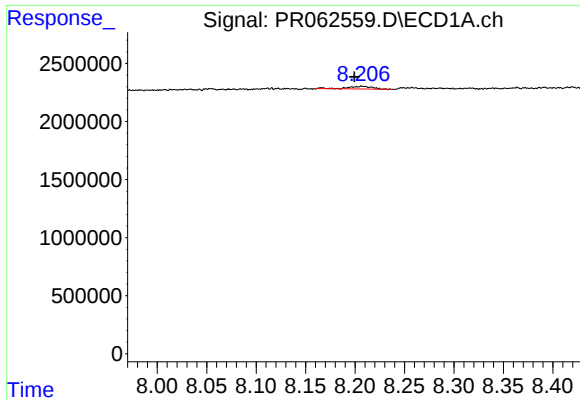
#37 AR-1262-2

R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 734053
Conc: 4.06 ng/ml



#37 AR-1262-2

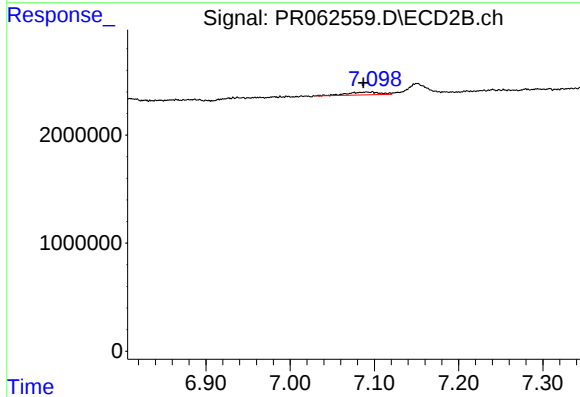
R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 1352347
Conc: 2.78 ng/ml



#38 AR-1262-3

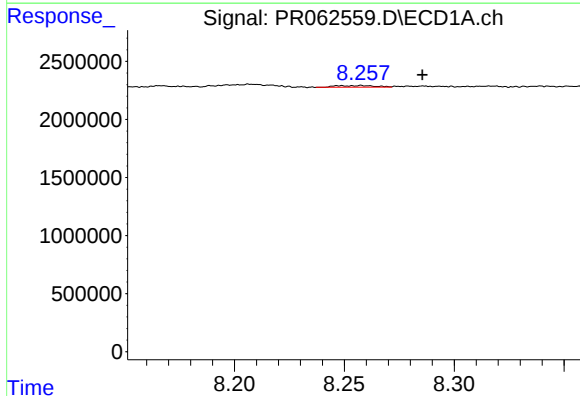
R.T.: 8.207 min
Delta R.T.: 0.008 min
Response: 379670
Conc: 2.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



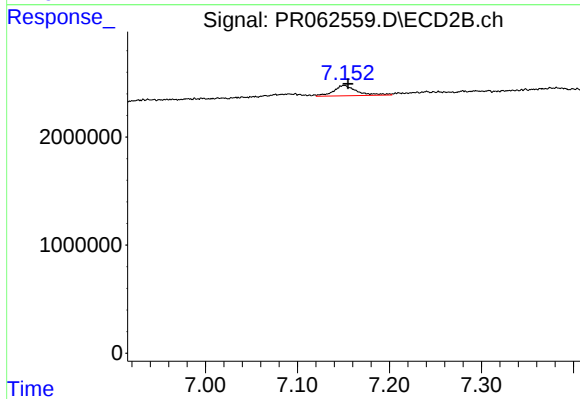
#38 AR-1262-3

R.T.: 7.097 min
Delta R.T.: 0.010 min
Response: 714082
Conc: 3.59 ng/ml



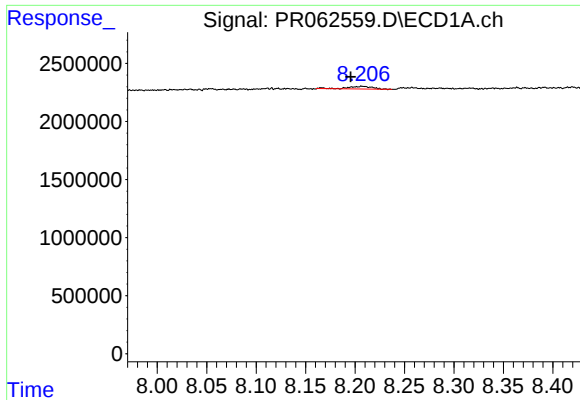
#39 AR-1262-4

R.T.: 8.258 min
Delta R.T.: -0.028 min
Response: 179331
Conc: 1.78 ng/ml



#39 AR-1262-4

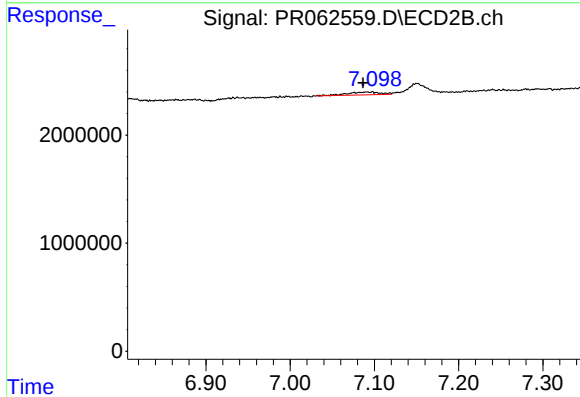
R.T.: 7.151 min
Delta R.T.: -0.004 min
Response: 1724520
Conc: 4.63 ng/ml



#41 AR-1268-1

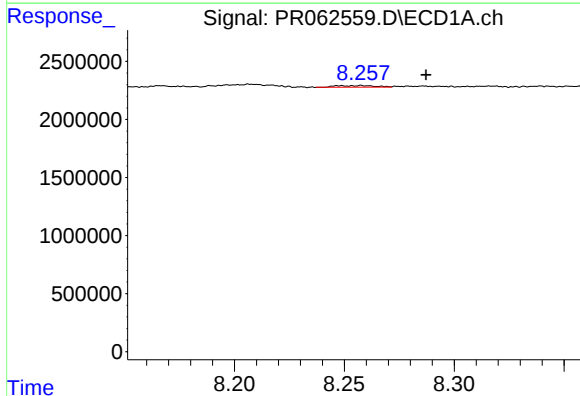
R.T.: 8.207 min
Delta R.T.: 0.011 min
Response: 379670
Conc: 1.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



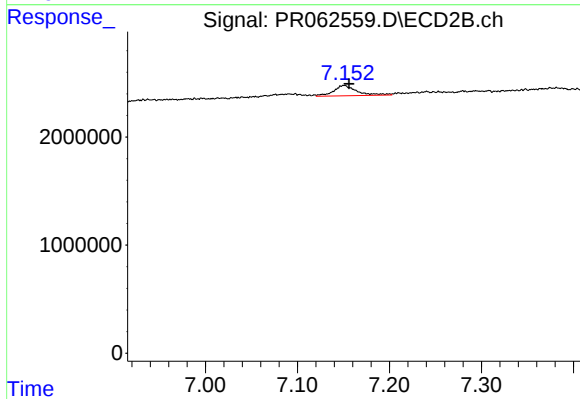
#41 AR-1268-1

R.T.: 7.097 min
Delta R.T.: 0.011 min
Response: 714082
Conc: 1.23 ng/ml



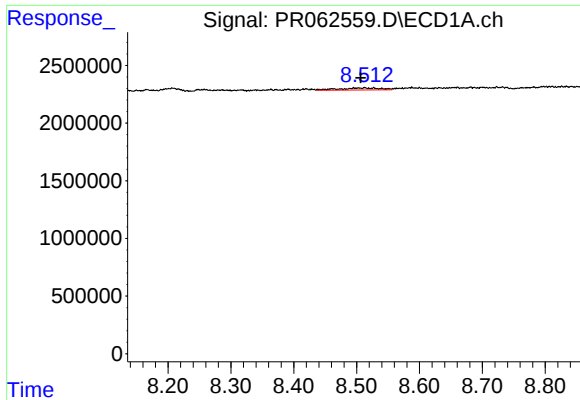
#42 AR-1268-2

R.T.: 8.258 min
Delta R.T.: -0.030 min
Response: 179331
Conc: 0.89 ng/ml



#42 AR-1268-2

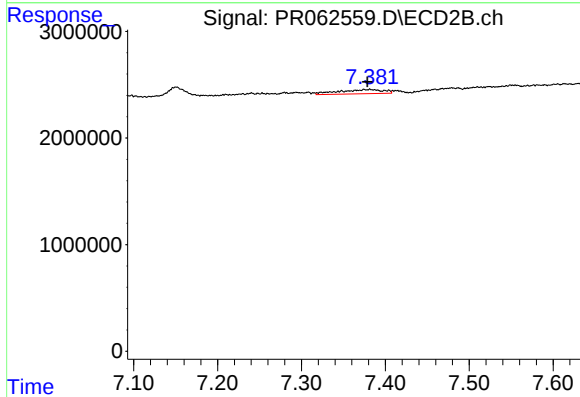
R.T.: 7.151 min
Delta R.T.: -0.005 min
Response: 1724520
Conc: 3.20 ng/ml



#43 AR-1268-3

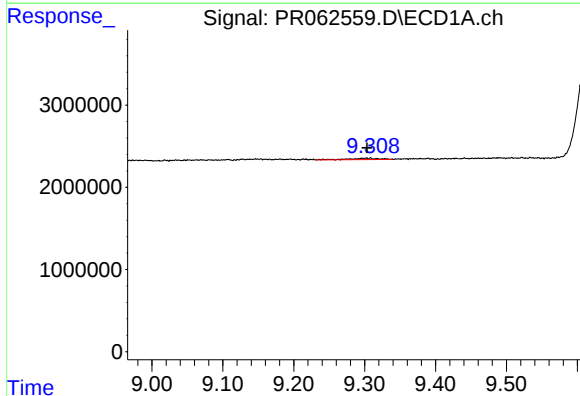
R.T.: 8.527 min
Delta R.T.: 0.021 min
Response: 803701
Conc: 4.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



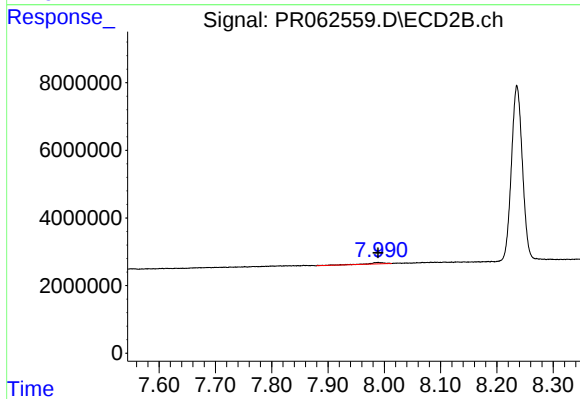
#43 AR-1268-3

R.T.: 7.382 min
Delta R.T.: 0.003 min
Response: 1502273
Conc: 3.18 ng/ml



#45 AR-1268-5

R.T.: 9.302 min
Delta R.T.: -0.002 min
Response: 445423
Conc: 0.88 ng/ml



#45 AR-1268-5

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 969421
Conc: 0.65 ng/ml