

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081023\
 Data File : PR062555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 10:28
 Operator : YP\AJ
 Sample : 03572-08
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:55:18 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...	3.685	2.956	33031485	53138552	16.361	18.304
2)	SA Decachlor...	9.618	8.236	29718066	78987768	19.952	19.036
Target Compounds							
3)	L1 AR-1016-1	4.911	4.079	296126	495268	4.410	4.566
4)	L1 AR-1016-2	4.937	4.097	419136	668485	4.341	4.378
5)	L1 AR-1016-3	5.002	4.276	361151	284419	5.862	3.395 #
6)	L1 AR-1016-4	5.102	4.322	207108	263015	4.249	3.876
7)	L1 AR-1016-5	5.415	4.549	100377	236838	1.924	2.603 #
8)	L2 AR-1221-1	3.910	3.182	1437899	1697245	58.784	44.861
9)	L2 AR-1221-2	3.998	3.266	1040636	1977032	67.169	54.754
10)	L2 AR-1221-3	4.075	3.345	2574152	4586088	42.883	50.986
11)	L3 AR-1232-1	4.075	3.345	2574152	4586088	51.830	61.235
12)	L3 AR-1232-2	4.626	4.097	224696	668485	9.099	9.692
13)	L3 AR-1232-3	4.937	4.276	419136	284419	9.813	7.665
14)	L3 AR-1232-4	5.102	4.368	207108	732409	9.798	21.630 #
15)	L3 AR-1232-5	5.201	4.549	95491	236838	5.491	6.027
16)	L4 AR-1242-1	4.911	4.079	296126	495268	5.313	5.505
17)	L4 AR-1242-2	4.937	4.097	419136	668485	5.221	5.332
18)	L4 AR-1242-3	5.002	4.276	361151	284419	7.012	4.111 #
19)	L4 AR-1242-4	5.102	4.368	207108	732409	5.125	10.680 #
20)	L4 AR-1242-5	5.894	4.918	281272	332700	6.565	3.716 #
21)	L5 AR-1248-1	4.911	4.079	296126	495268	7.210	7.402
22)	L5 AR-1248-2	5.201	4.322	95491	263015	1.577	2.745 #
23)	L5 AR-1248-3	5.415	4.368	100377	732409	1.431	7.418 #
24)	L5 AR-1248-4	5.855	4.549	288246	236838	3.985	1.996 #
25)	L5 AR-1248-5	5.894	4.957	281272	433970	3.971	3.631
26)	L6 AR-1254-1	0.000	4.918	0	332700	N.D.	1.857 #
27)	L6 AR-1254-2	6.058	5.079	265145	715756	2.221	4.577 #
28)	L6 AR-1254-3	0.000	5.508	0	152711	N.D.	0.588 #
29)	L6 AR-1254-4	6.773	5.738	44137	42290	0.530	0.252 #
30)	L6 AR-1254-5	7.221	6.190	236531	311202	2.631	1.251 #
31)	L7 AR-1260-1	6.632	5.636	882695	540497	8.550	2.778 #
32)	L7 AR-1260-2	6.908	5.846	287496	99154	2.621	0.417 #
33)	L7 AR-1260-3	0.000	6.013	0	136932	N.D.	0.607 #
34)	L7 AR-1260-4	7.535f	6.506	218409	805819	2.429	4.068 #
35)	L7 AR-1260-5	7.889	6.794	456559	528081	2.818	1.139 #
36)	L8 AR-1262-1	0.000	6.247	0	279397	N.D.	1.073 #
37)	L8 AR-1262-2	7.889	6.794	456559	528081	2.526	1.086 #
38)	L8 AR-1262-3	0.000	7.091	0	310621	N.D.	1.563 #
39)	L8 AR-1262-4	0.000	7.162	0	242866	N.D.	0.652 #
41)	L9 AR-1268-1	0.000	7.091	0	310621	N.D.	0.533 #
42)	L9 AR-1268-2	0.000	7.162	0	242866	N.D.	0.451 #

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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	8.483f	7.381	794108	534459	4.477	1.133 #
45) L9	AR-1268-5	9.311	7.989	401864	945519	0.791	0.632

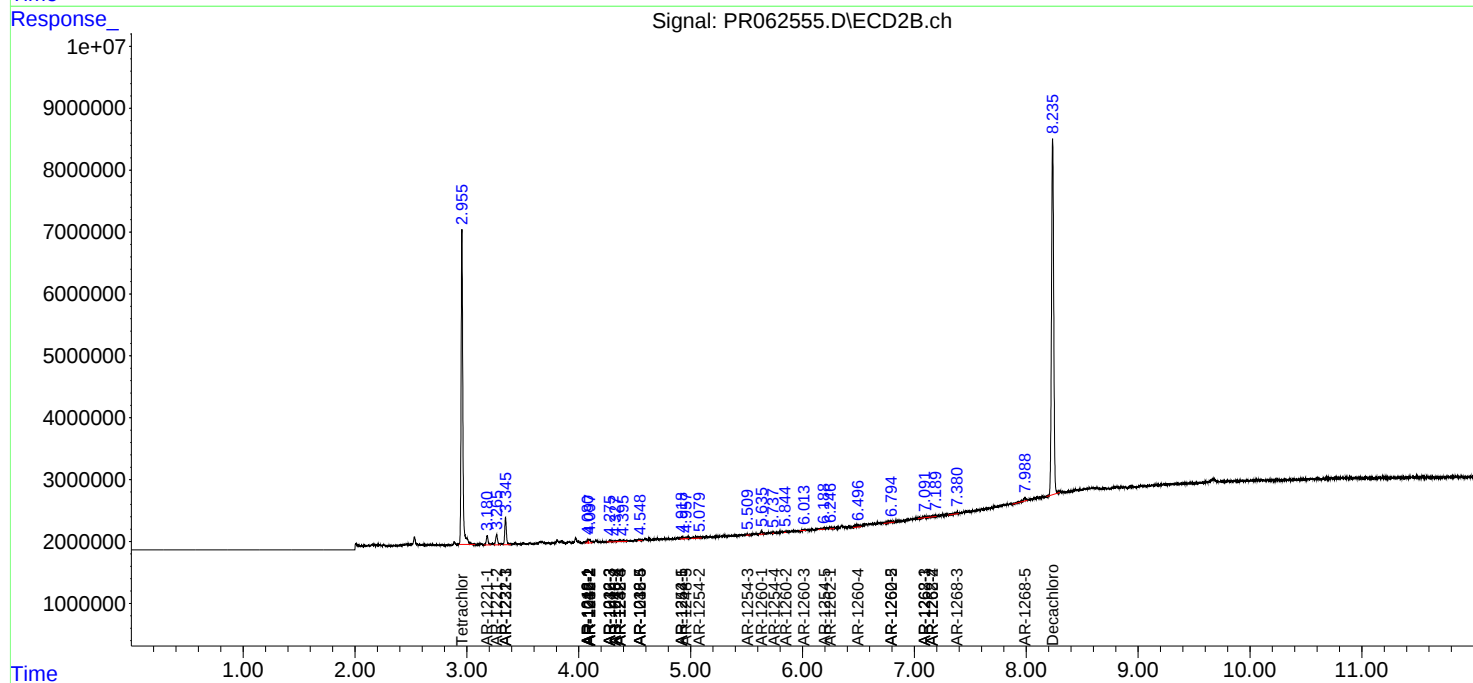
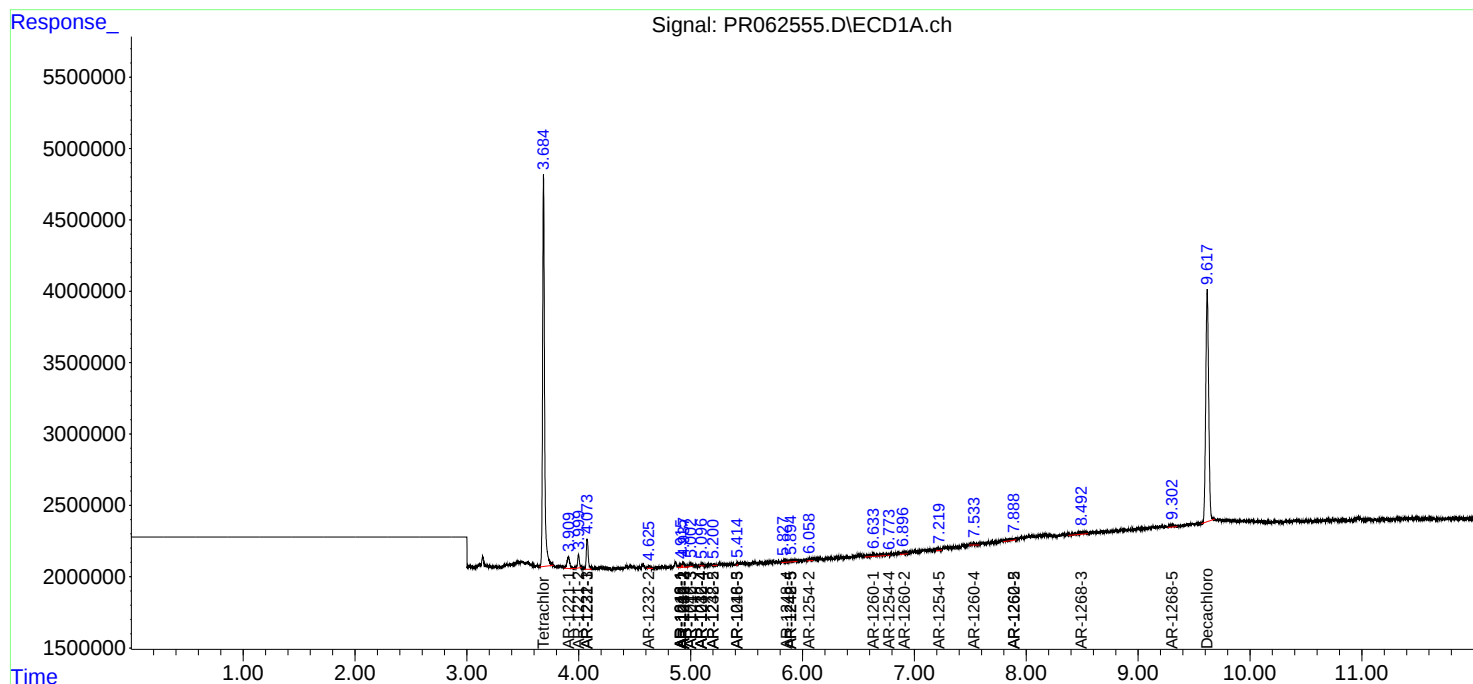
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

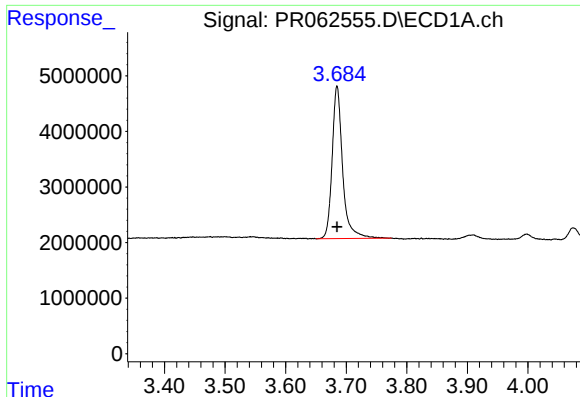
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

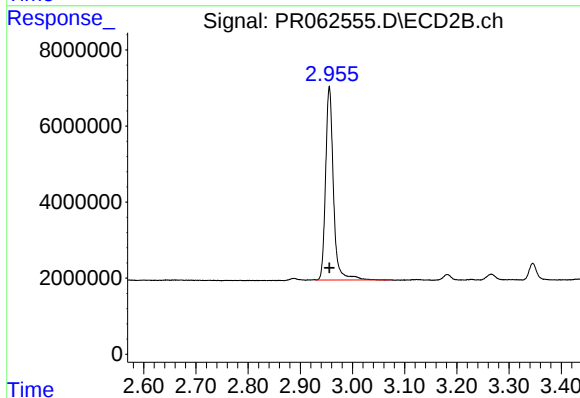




#1 Tetrachloro-m-xylene

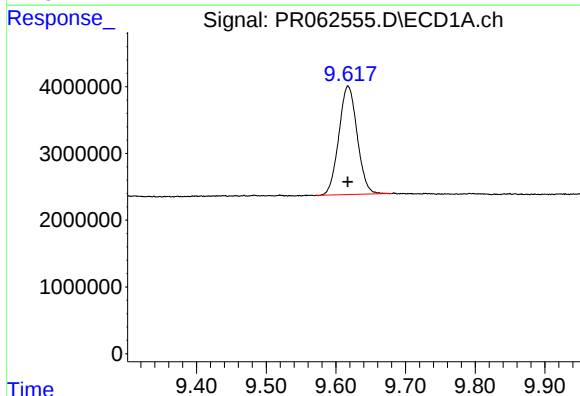
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 33031485
Conc: 16.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



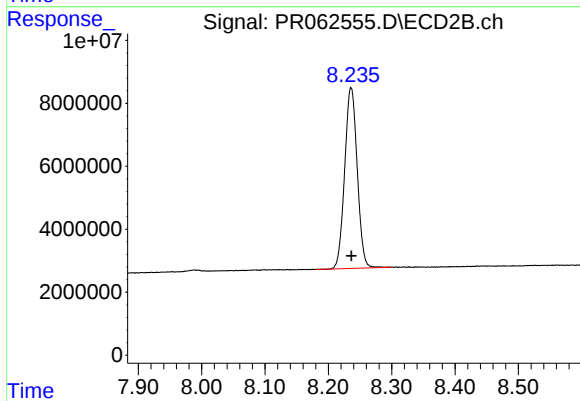
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 53138552
Conc: 18.30 ng/ml



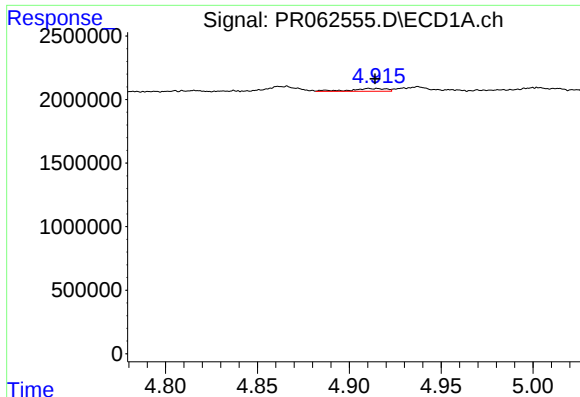
#2 Decachlorobiphenyl

R.T.: 9.618 min
Delta R.T.: 0.000 min
Response: 29718066
Conc: 19.95 ng/ml



#2 Decachlorobiphenyl

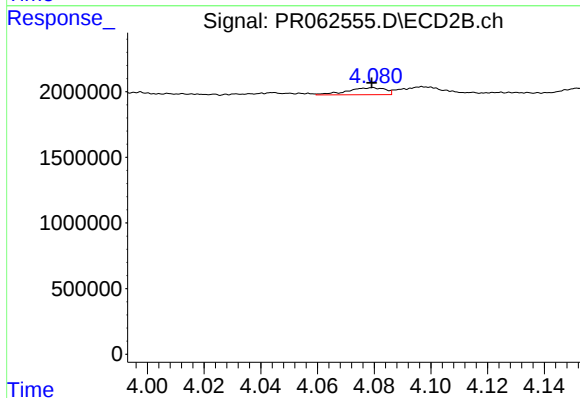
R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 78987768
Conc: 19.04 ng/ml



#3 AR-1016-1

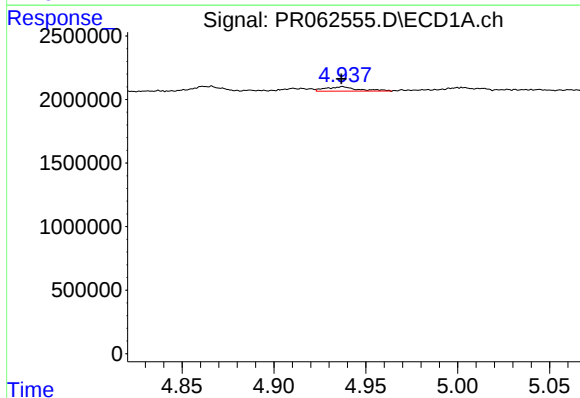
R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 296126
Conc: 4.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



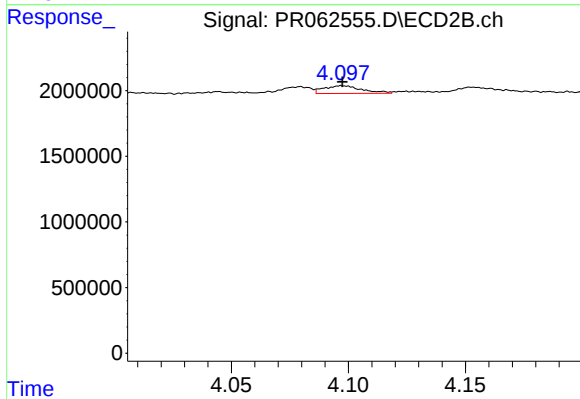
#3 AR-1016-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 495268
Conc: 4.57 ng/ml



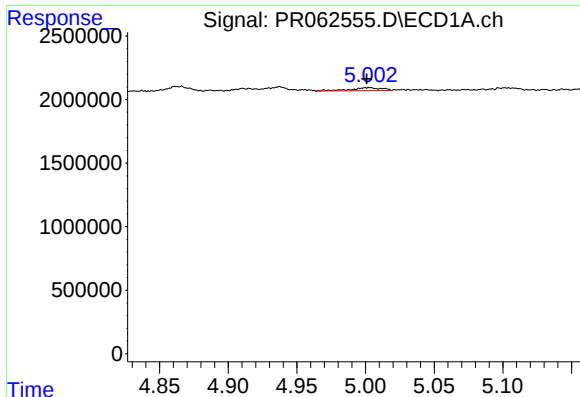
#4 AR-1016-2

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 419136
Conc: 4.34 ng/ml



#4 AR-1016-2

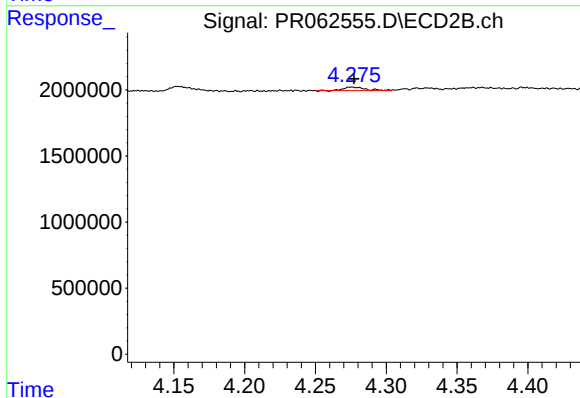
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 668485
Conc: 4.38 ng/ml



#5 AR-1016-3

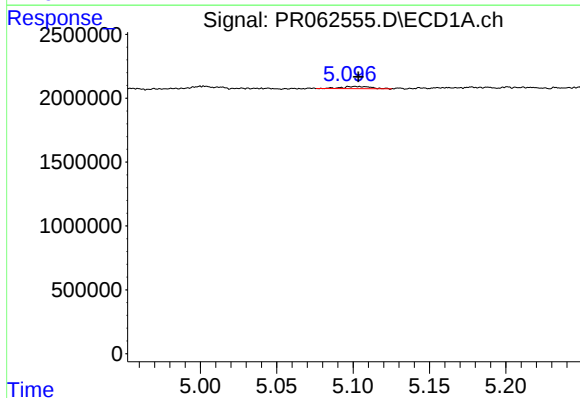
R.T.: 5.002 min
Delta R.T.: 0.001 min
Response: 361151
Conc: 5.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



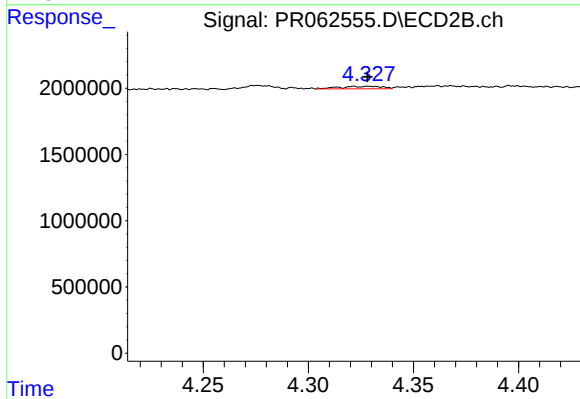
#5 AR-1016-3

R.T.: 4.276 min
Delta R.T.: -0.002 min
Response: 284419
Conc: 3.39 ng/ml



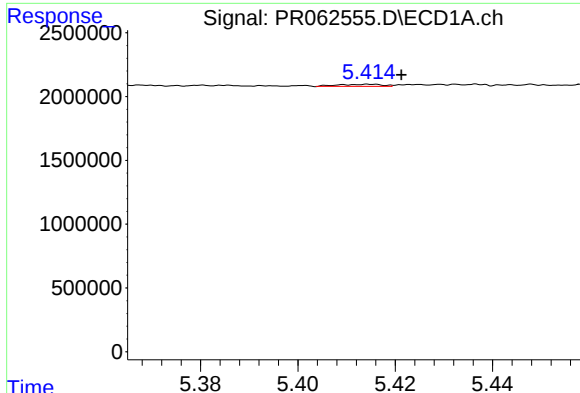
#6 AR-1016-4

R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 207108
Conc: 4.25 ng/ml



#6 AR-1016-4

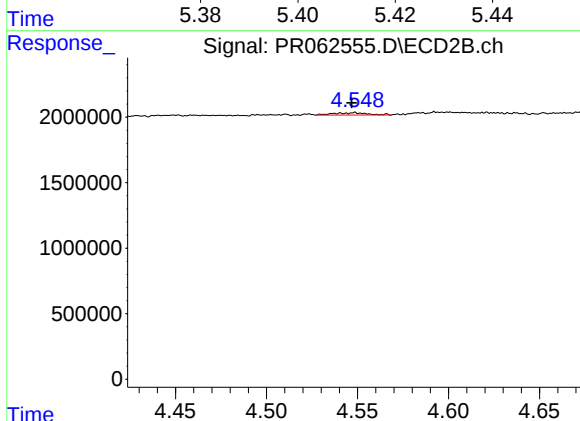
R.T.: 4.322 min
Delta R.T.: -0.006 min
Response: 263015
Conc: 3.88 ng/ml



#7 AR-1016-5

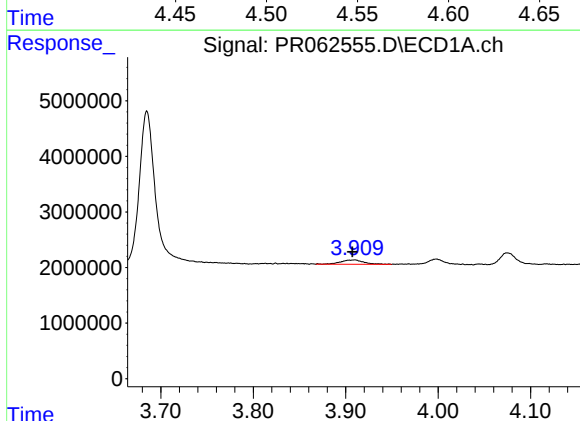
R.T.: 5.415 min
Delta R.T.: -0.007 min
Response: 100377
Conc: 1.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



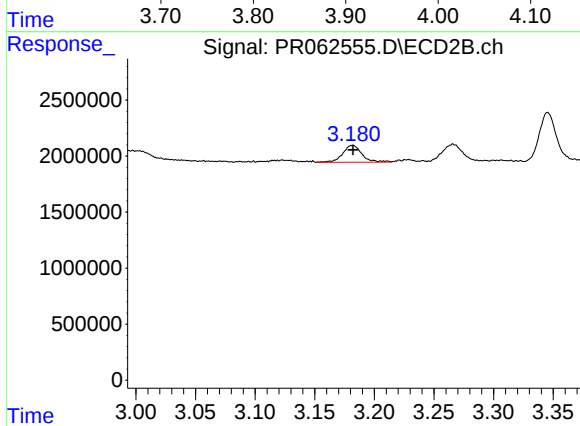
#7 AR-1016-5

R.T.: 4.549 min
Delta R.T.: 0.002 min
Response: 236838
Conc: 2.60 ng/ml



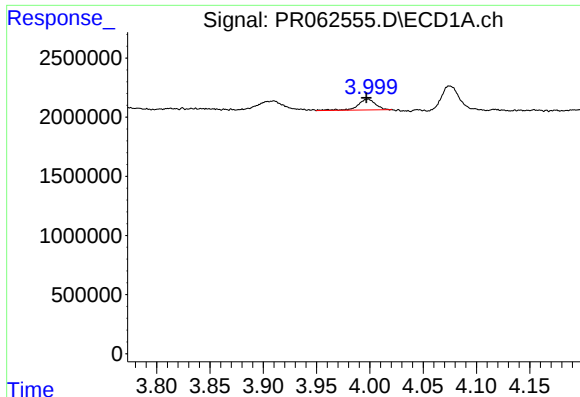
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: 0.003 min
Response: 1437899
Conc: 58.78 ng/ml



#8 AR-1221-1

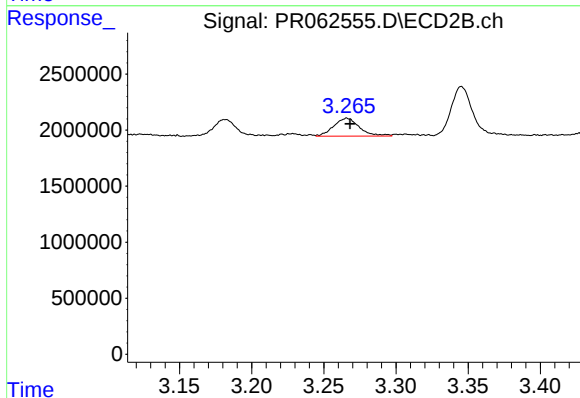
R.T.: 3.182 min
Delta R.T.: 0.000 min
Response: 1697245
Conc: 44.86 ng/ml



#9 AR-1221-2

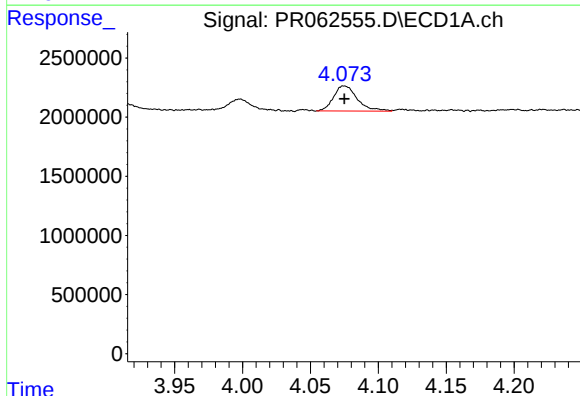
R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 1040636
Conc: 67.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



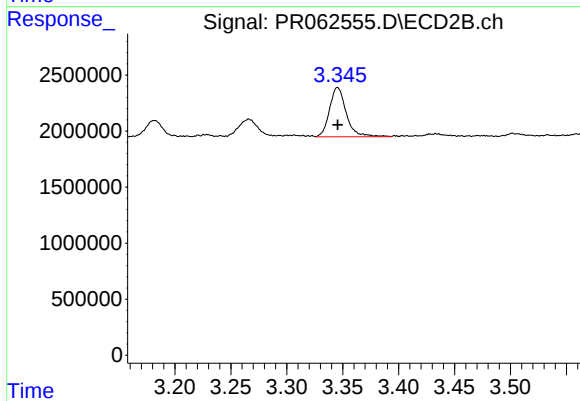
#9 AR-1221-2

R.T.: 3.266 min
Delta R.T.: -0.002 min
Response: 1977032
Conc: 54.75 ng/ml



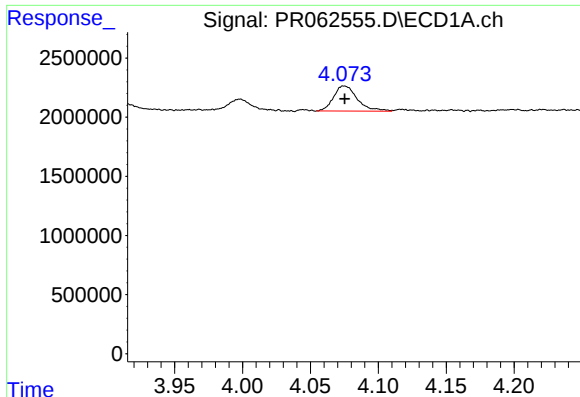
#10 AR-1221-3

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2574152
Conc: 42.88 ng/ml



#10 AR-1221-3

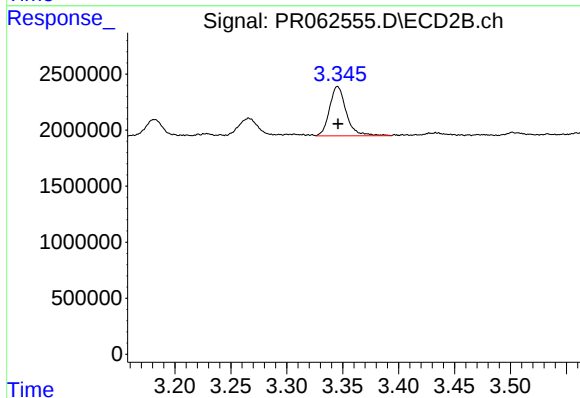
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 4586088
Conc: 50.99 ng/ml



#11 AR-1232-1

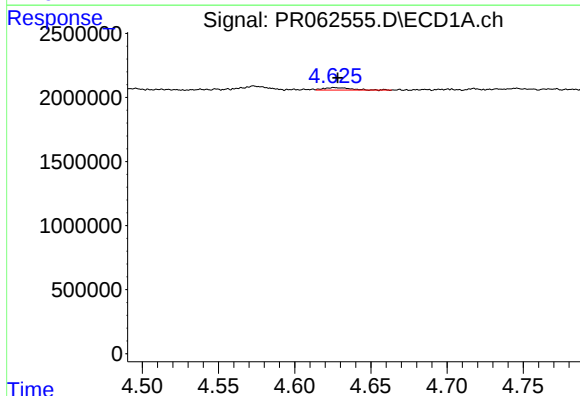
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2574152
Conc: 51.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



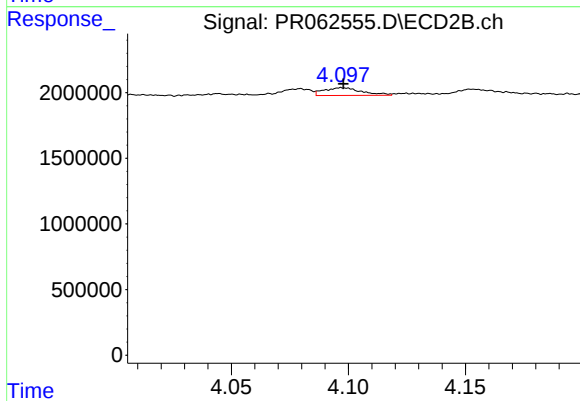
#11 AR-1232-1

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 4586088
Conc: 61.24 ng/ml



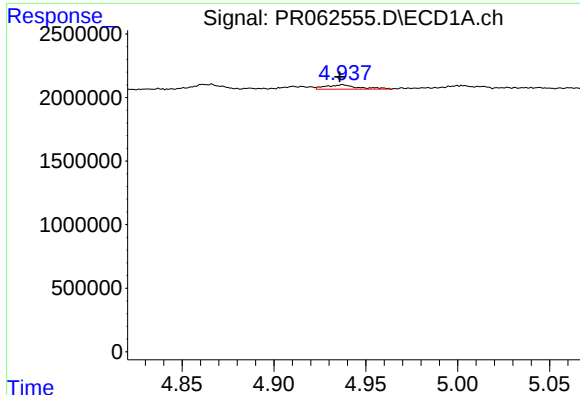
#12 AR-1232-2

R.T.: 4.626 min
Delta R.T.: -0.002 min
Response: 224696
Conc: 9.10 ng/ml



#12 AR-1232-2

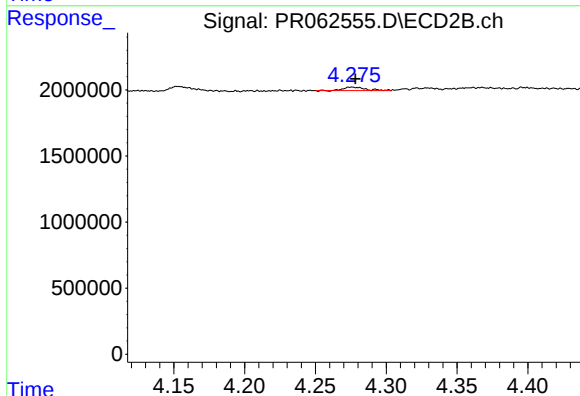
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 668485
Conc: 9.69 ng/ml



#13 AR-1232-3

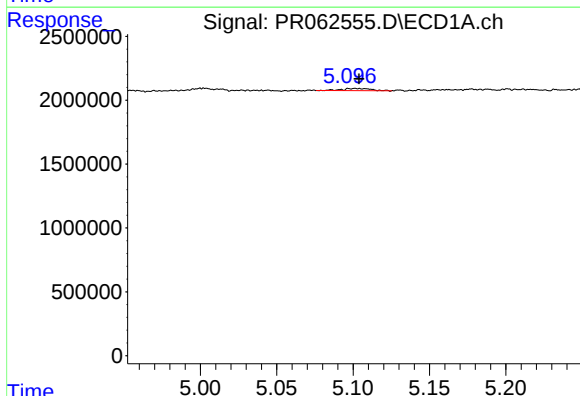
R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 419136
Conc: 9.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



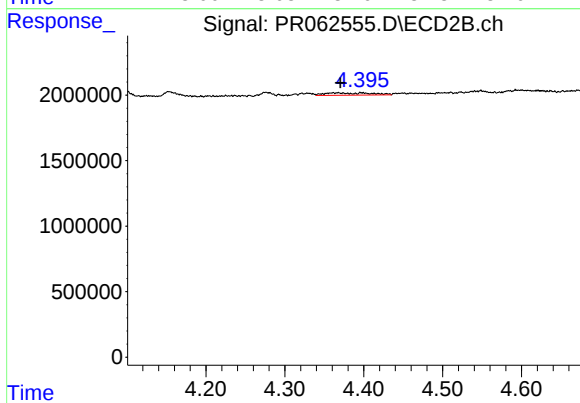
#13 AR-1232-3

R.T.: 4.276 min
Delta R.T.: -0.003 min
Response: 284419
Conc: 7.66 ng/ml



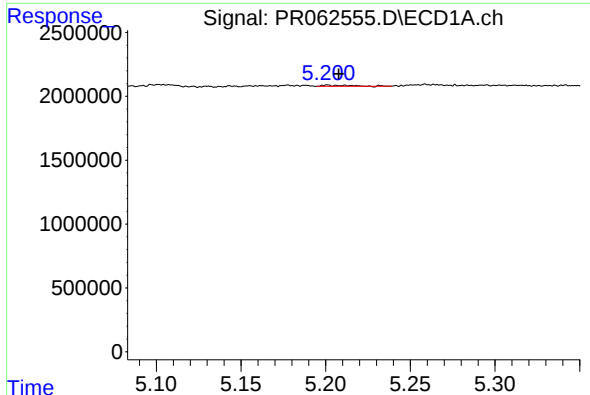
#14 AR-1232-4

R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 207108
Conc: 9.80 ng/ml



#14 AR-1232-4

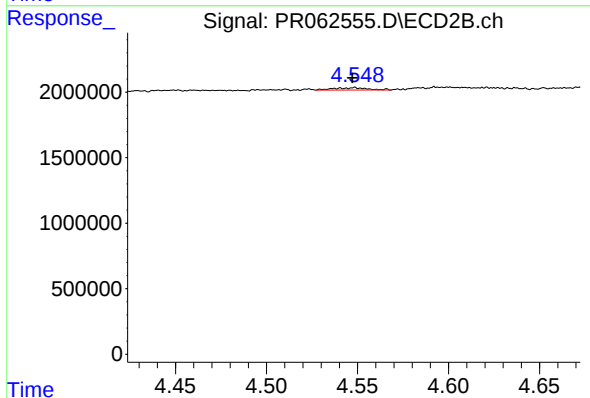
R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 732409
Conc: 21.63 ng/ml



#15 AR-1232-5

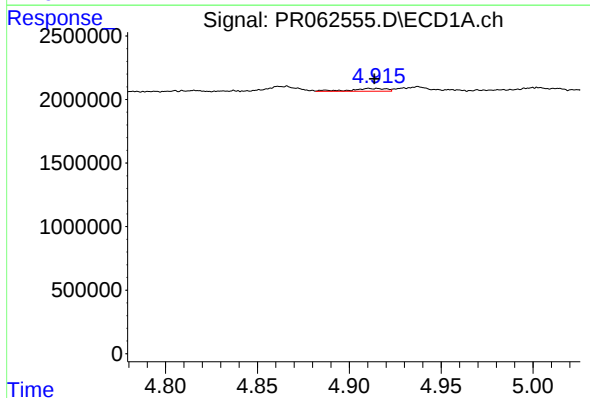
R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 95491
Conc: 5.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



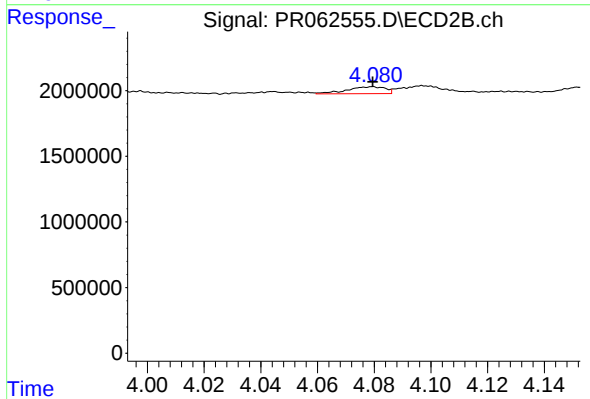
#15 AR-1232-5

R.T.: 4.549 min
Delta R.T.: 0.001 min
Response: 236838
Conc: 6.03 ng/ml



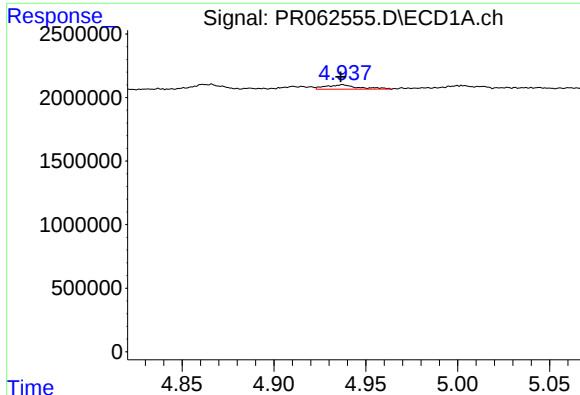
#16 AR-1242-1

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 296126
Conc: 5.31 ng/ml



#16 AR-1242-1

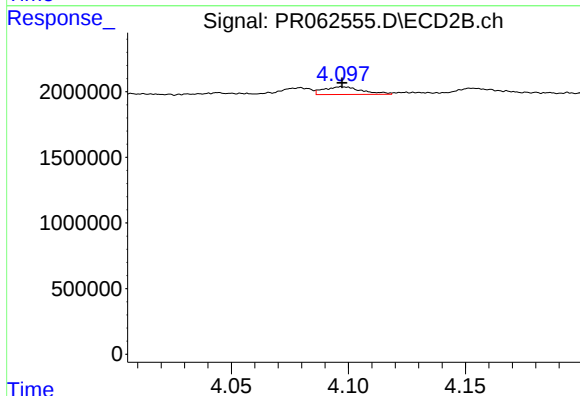
R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 495268
Conc: 5.51 ng/ml



#17 AR-1242-2

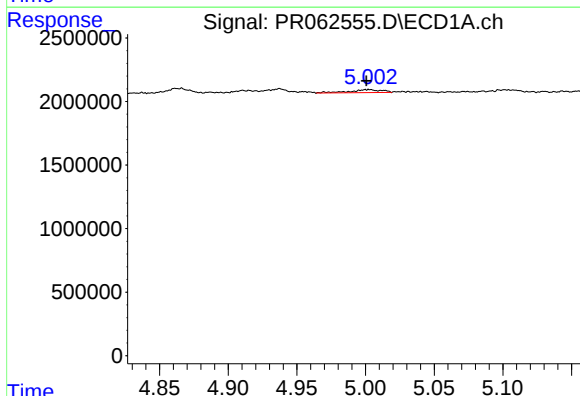
R.T.: 4.937 min
Delta R.T.: 0.001 min
Response: 419136
Conc: 5.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



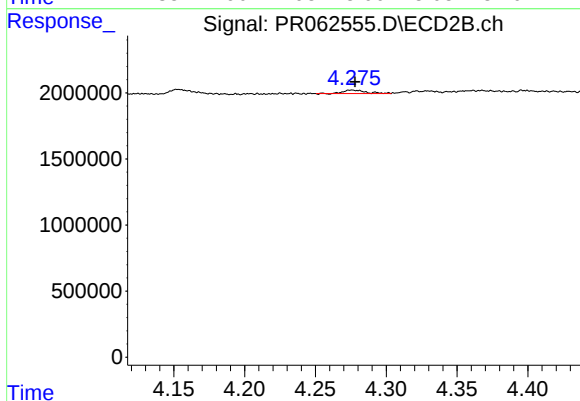
#17 AR-1242-2

R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 668485
Conc: 5.33 ng/ml



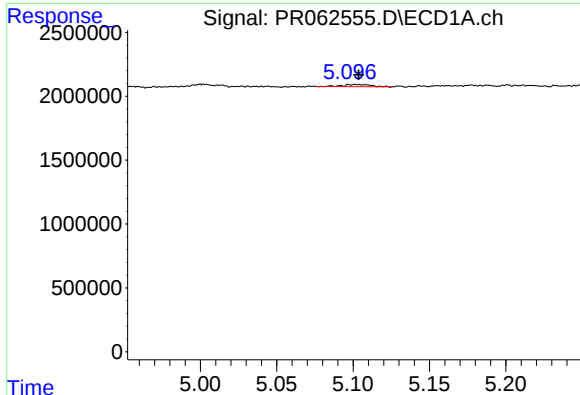
#18 AR-1242-3

R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 361151
Conc: 7.01 ng/ml



#18 AR-1242-3

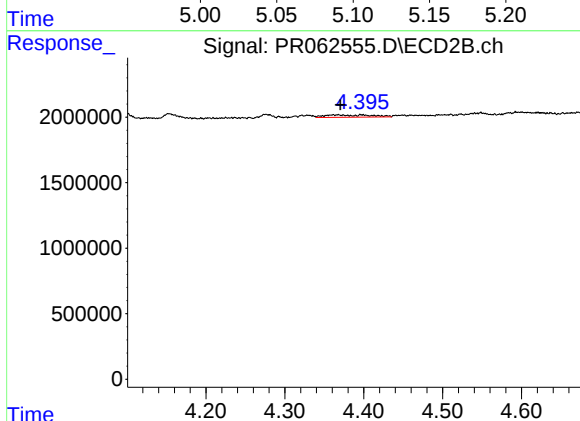
R.T.: 4.276 min
Delta R.T.: -0.003 min
Response: 284419
Conc: 4.11 ng/ml



#19 AR-1242-4

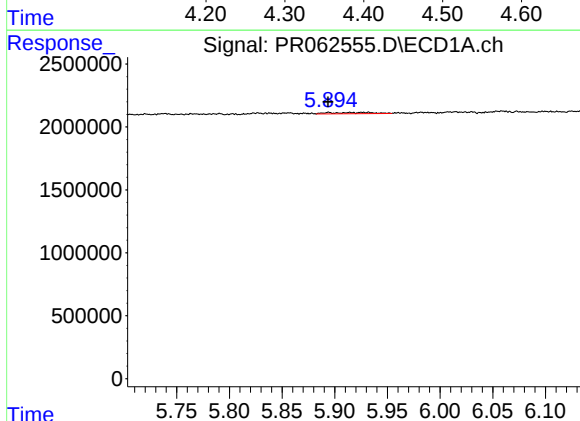
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 207108
Conc: 5.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



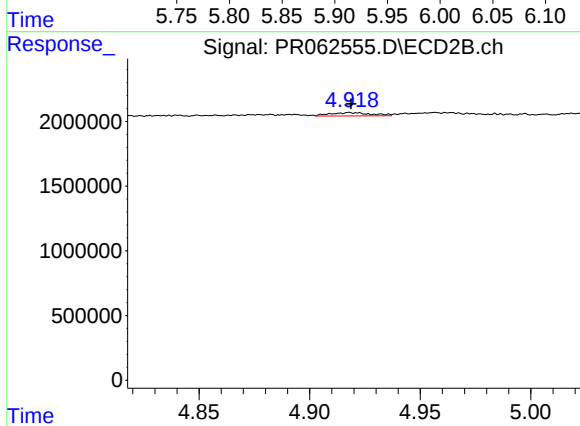
#19 AR-1242-4

R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 732409
Conc: 10.68 ng/ml



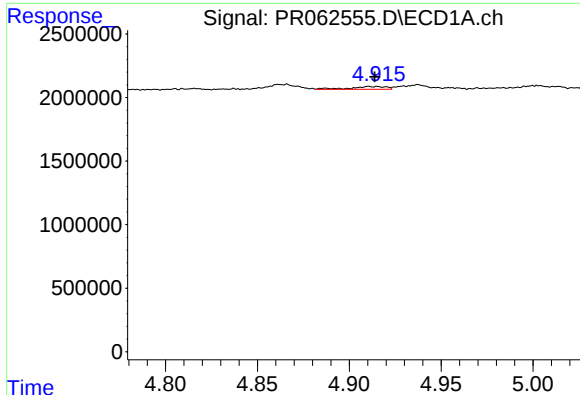
#20 AR-1242-5

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 281272
Conc: 6.57 ng/ml



#20 AR-1242-5

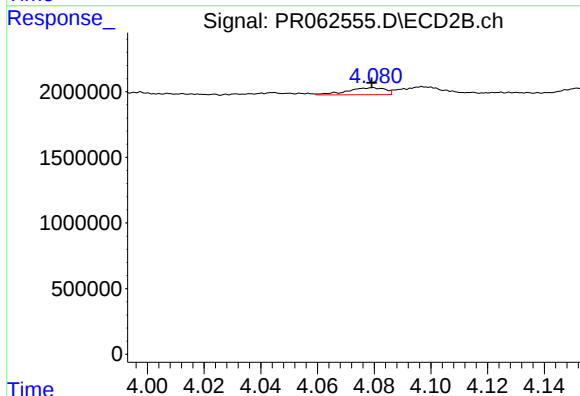
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 332700
Conc: 3.72 ng/ml



#21 AR-1248-1

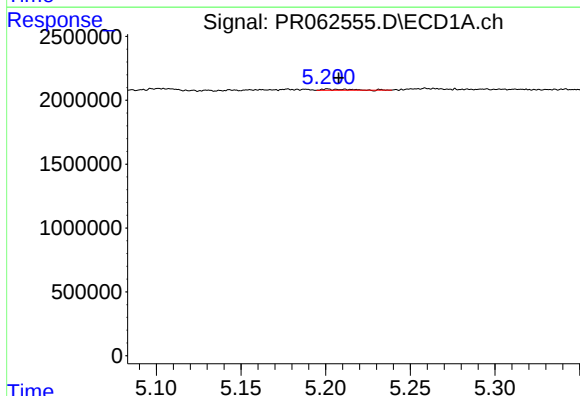
R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 296126
Conc: 7.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



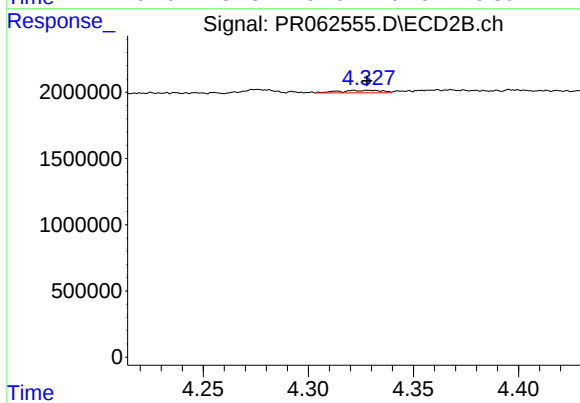
#21 AR-1248-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 495268
Conc: 7.40 ng/ml



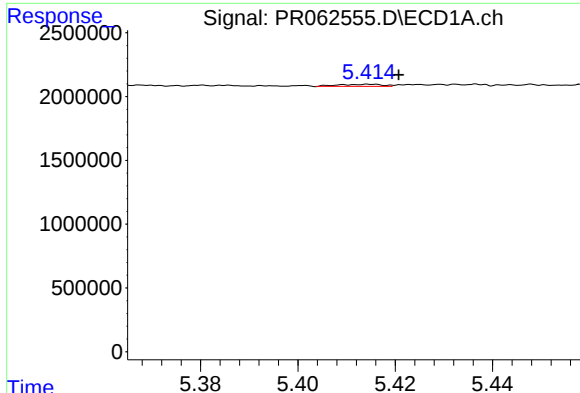
#22 AR-1248-2

R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 95491
Conc: 1.58 ng/ml



#22 AR-1248-2

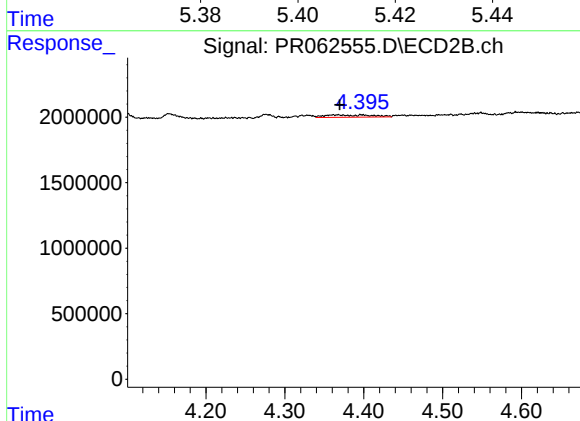
R.T.: 4.322 min
Delta R.T.: -0.006 min
Response: 263015
Conc: 2.74 ng/ml



#23 AR-1248-3

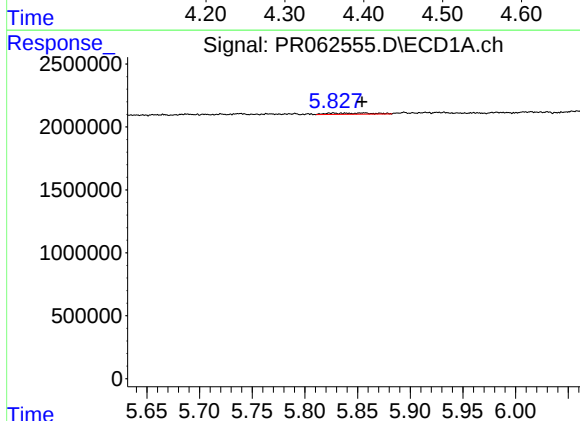
R.T.: 5.415 min
Delta R.T.: -0.006 min
Response: 100377
Conc: 1.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



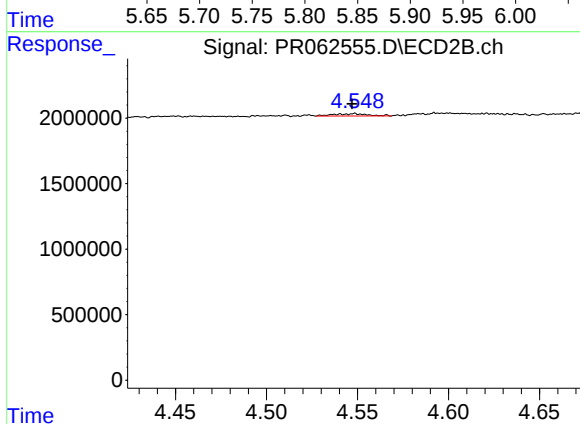
#23 AR-1248-3

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 732409
Conc: 7.42 ng/ml



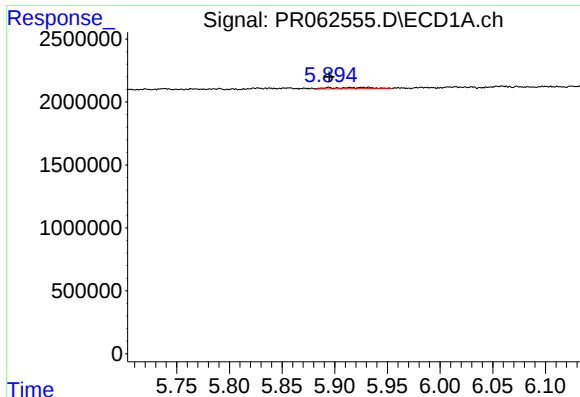
#24 AR-1248-4

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 288246
Conc: 3.99 ng/ml



#24 AR-1248-4

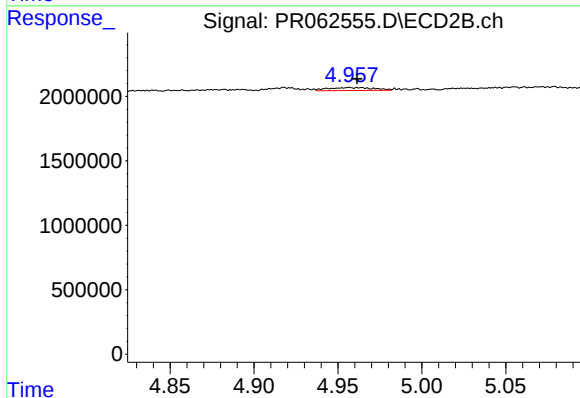
R.T.: 4.549 min
Delta R.T.: 0.002 min
Response: 236838
Conc: 2.00 ng/ml



#25 AR-1248-5

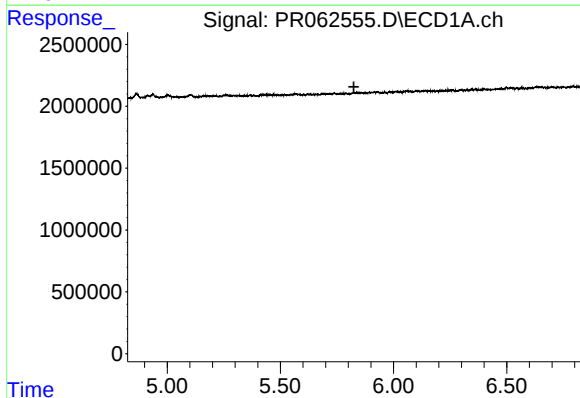
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 281272
Conc: 3.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



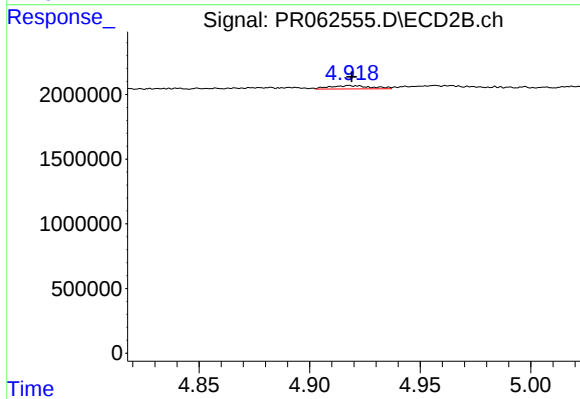
#25 AR-1248-5

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 433970
Conc: 3.63 ng/ml



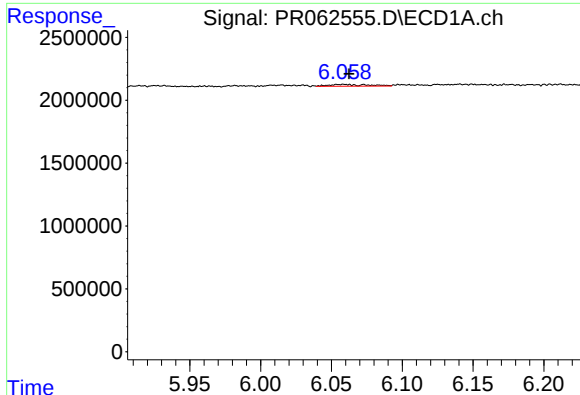
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.825 min
Response: 0
Conc: N.D.



#26 AR-1254-1

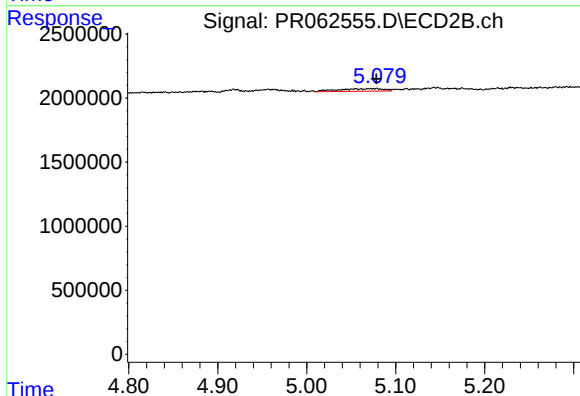
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 332700
Conc: 1.86 ng/ml



#27 AR-1254-2

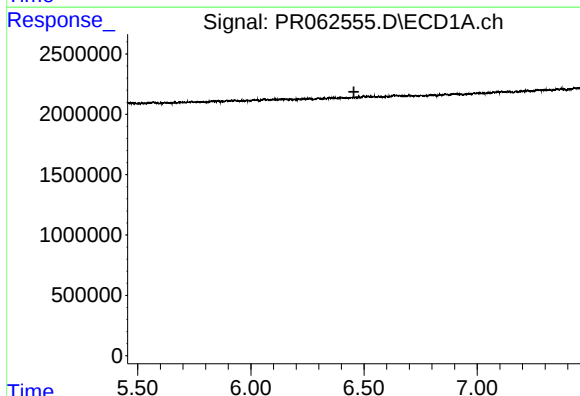
R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 265145
Conc: 2.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



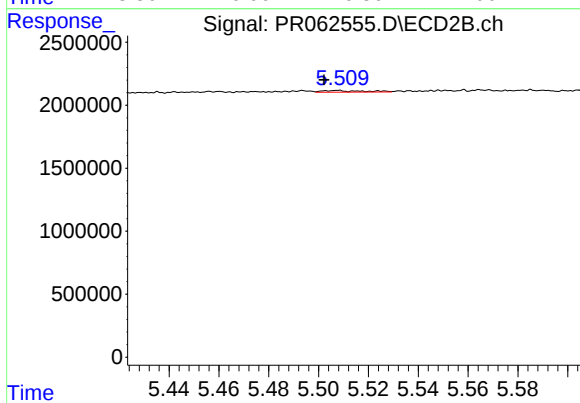
#27 AR-1254-2

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 715756
Conc: 4.58 ng/ml



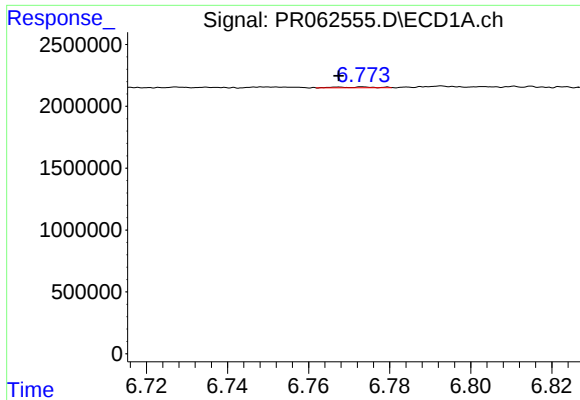
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.455 min
Response: 0
Conc: N.D.



#28 AR-1254-3

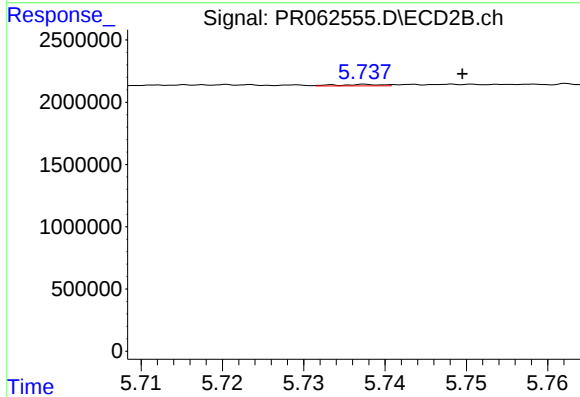
R.T.: 5.508 min
Delta R.T.: 0.005 min
Response: 152711
Conc: 0.59 ng/ml



#29 AR-1254-4

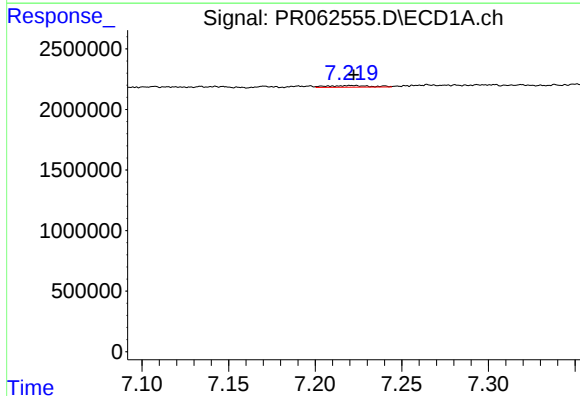
R.T.: 6.773 min
Delta R.T.: 0.005 min
Response: 44137
Conc: 0.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



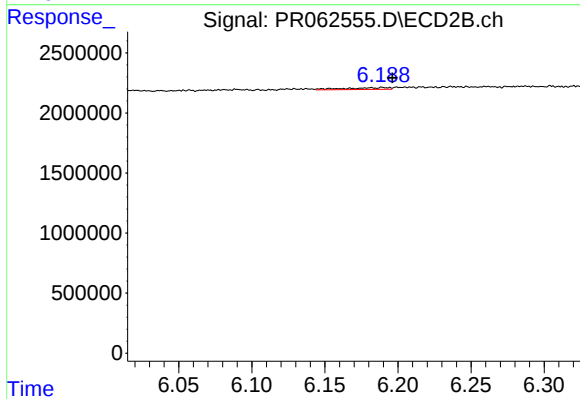
#29 AR-1254-4

R.T.: 5.738 min
Delta R.T.: -0.012 min
Response: 42290
Conc: 0.25 ng/ml



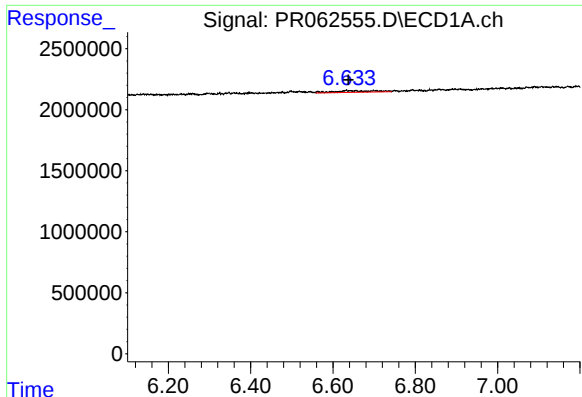
#30 AR-1254-5

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 236531
Conc: 2.63 ng/ml



#30 AR-1254-5

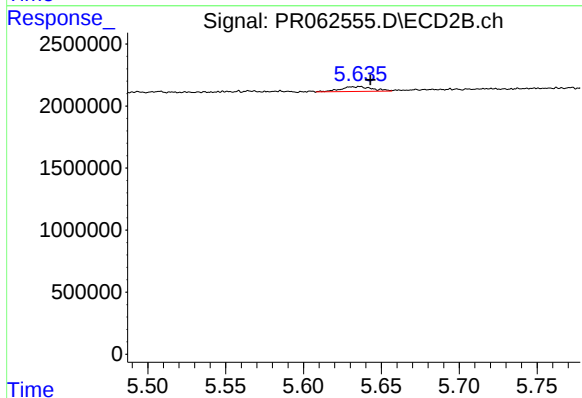
R.T.: 6.190 min
Delta R.T.: -0.007 min
Response: 311202
Conc: 1.25 ng/ml



#31 AR-1260-1

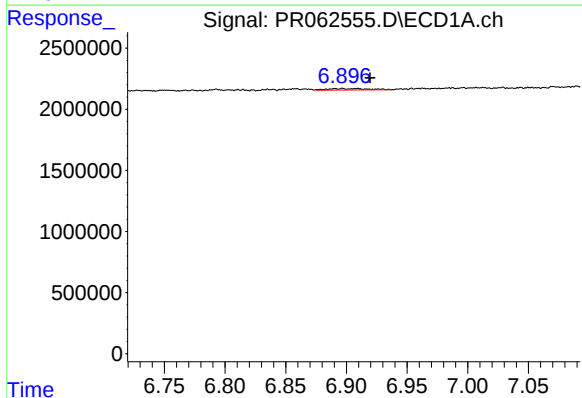
R.T.: 6.632 min
Delta R.T.: -0.005 min
Response: 882695
Conc: 8.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



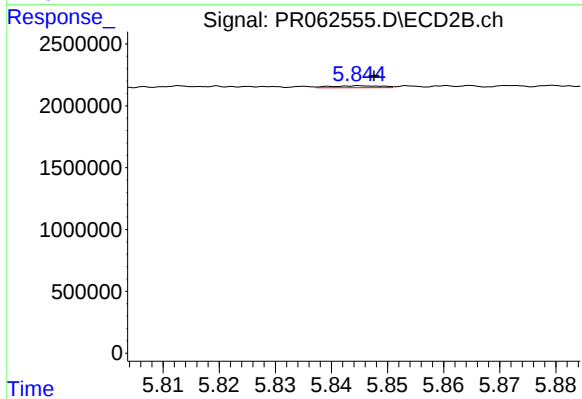
#31 AR-1260-1

R.T.: 5.636 min
Delta R.T.: -0.007 min
Response: 540497
Conc: 2.78 ng/ml



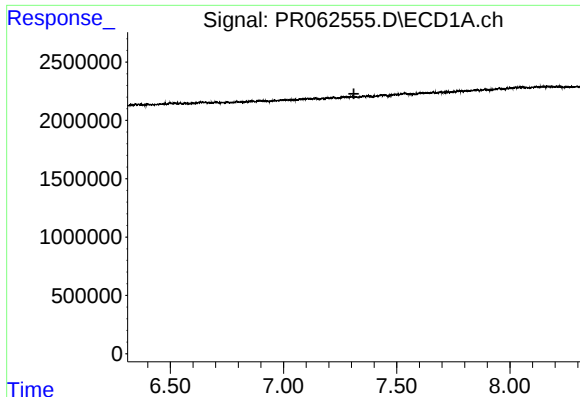
#32 AR-1260-2

R.T.: 6.908 min
Delta R.T.: -0.011 min
Response: 287496
Conc: 2.62 ng/ml



#32 AR-1260-2

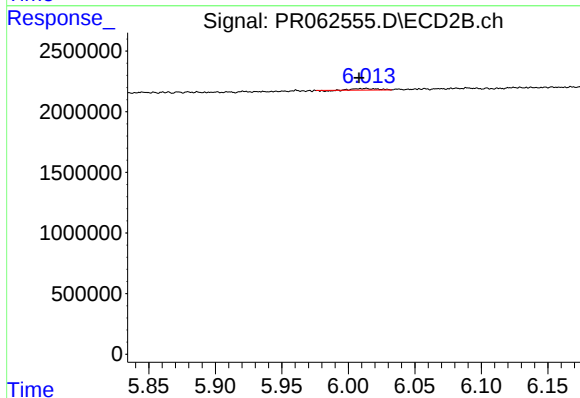
R.T.: 5.846 min
Delta R.T.: -0.002 min
Response: 99154
Conc: 0.42 ng/ml



#33 AR-1260-3

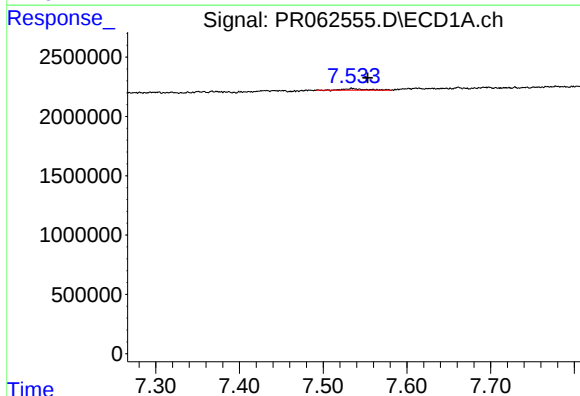
R.T.: 0.000 min
Exp R.T.: 7.311 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



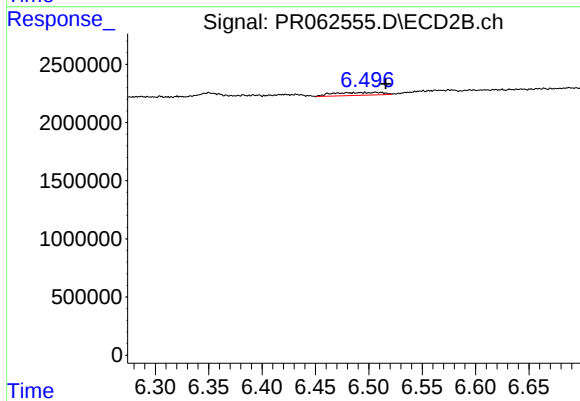
#33 AR-1260-3

R.T.: 6.013 min
Delta R.T.: 0.005 min
Response: 136932
Conc: 0.61 ng/ml



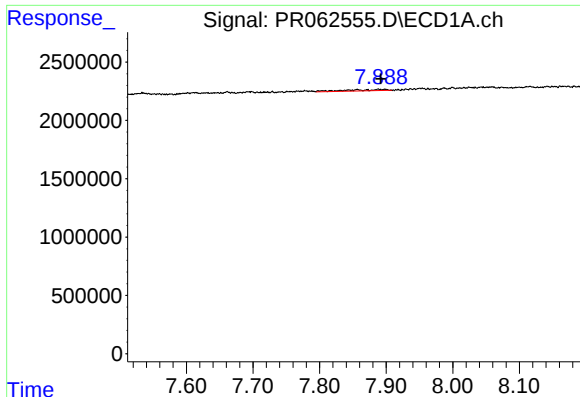
#34 AR-1260-4

R.T.: 7.535 min
Delta R.T.: -0.018 min
Response: 218409
Conc: 2.43 ng/ml



#34 AR-1260-4

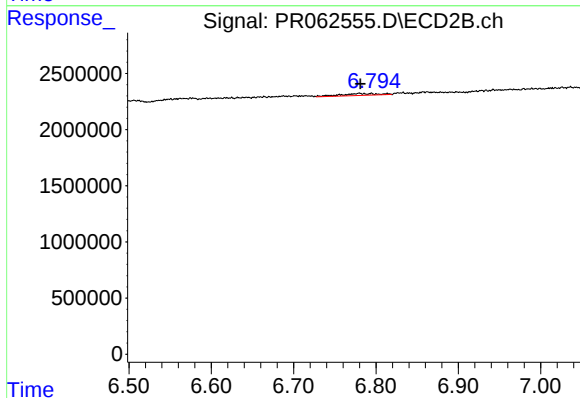
R.T.: 6.506 min
Delta R.T.: -0.010 min
Response: 805819
Conc: 4.07 ng/ml



#35 AR-1260-5

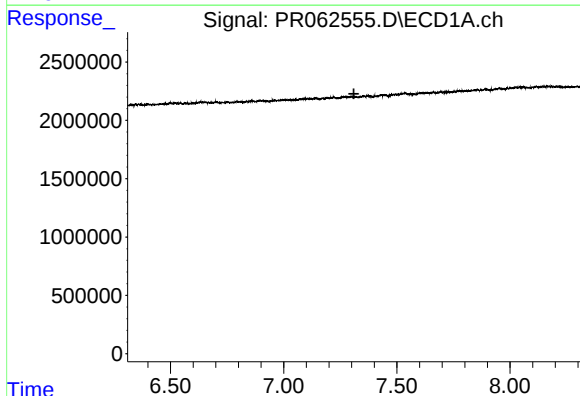
R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 456559
Conc: 2.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



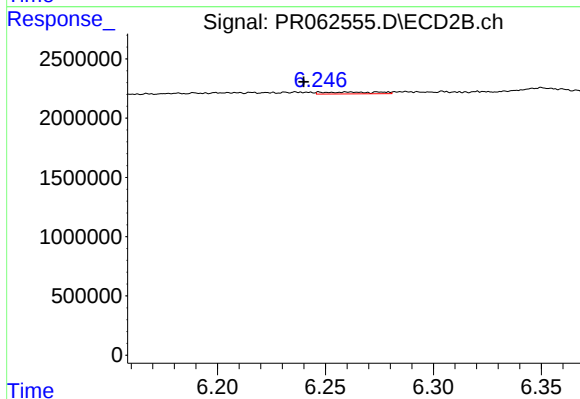
#35 AR-1260-5

R.T.: 6.794 min
Delta R.T.: 0.013 min
Response: 528081
Conc: 1.14 ng/ml



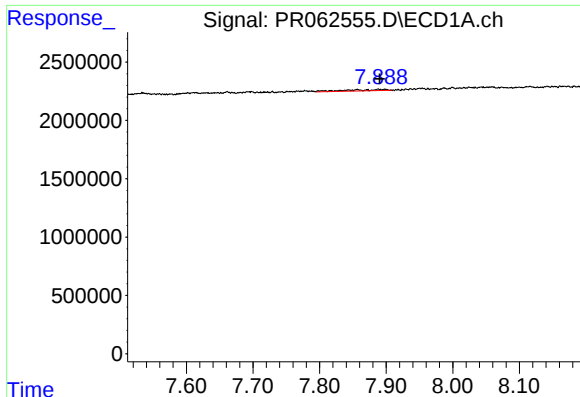
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#36 AR-1262-1

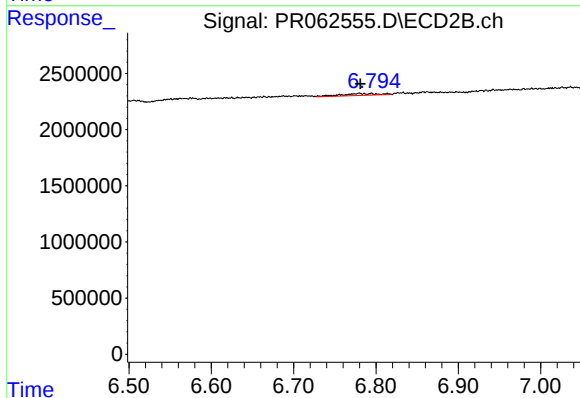
R.T.: 6.247 min
Delta R.T.: 0.008 min
Response: 279397
Conc: 1.07 ng/ml



#37 AR-1262-2

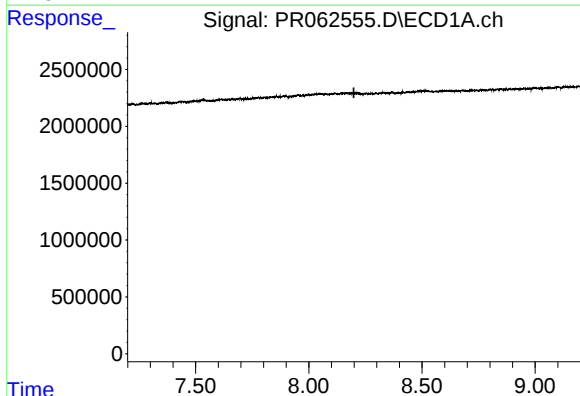
R.T.: 7.889 min
Delta R.T.: -0.002 min
Response: 456559
Conc: 2.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



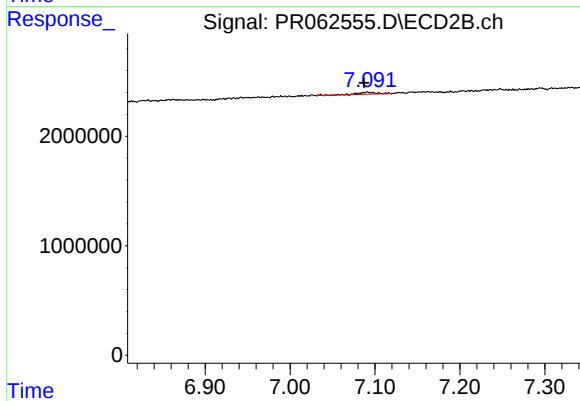
#37 AR-1262-2

R.T.: 6.794 min
Delta R.T.: 0.013 min
Response: 528081
Conc: 1.09 ng/ml



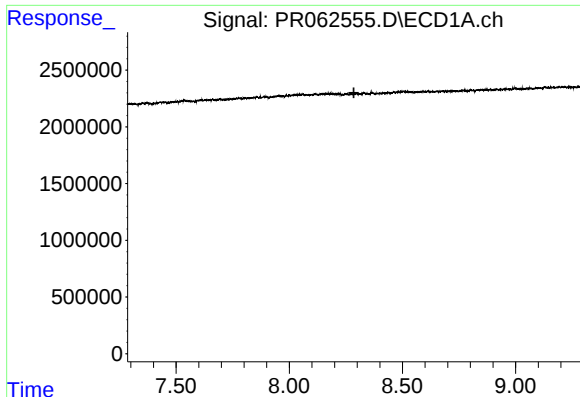
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.199 min
Response: 0
Conc: N.D.



#38 AR-1262-3

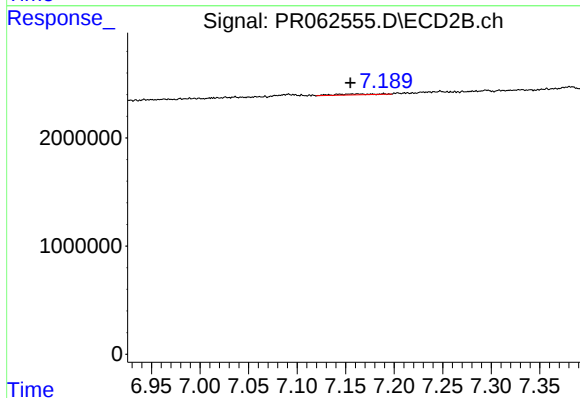
R.T.: 7.091 min
Delta R.T.: 0.004 min
Response: 310621
Conc: 1.56 ng/ml



#39 AR-1262-4

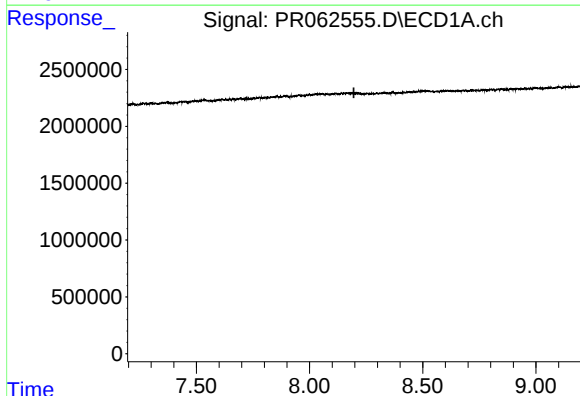
R.T.: 0.000 min
Exp R.T.: 8.285 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



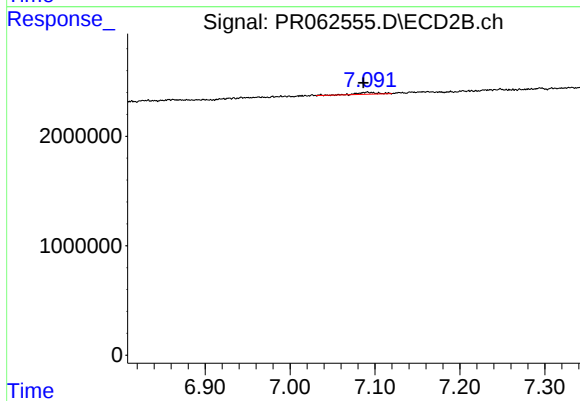
#39 AR-1262-4

R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 242866
Conc: 0.65 ng/ml



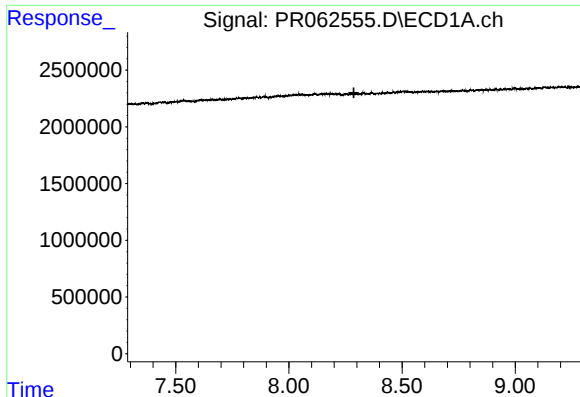
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.196 min
Response: 0
Conc: N.D.



#41 AR-1268-1

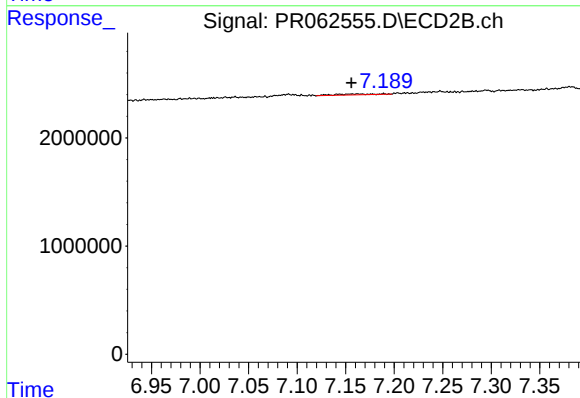
R.T.: 7.091 min
Delta R.T.: 0.005 min
Response: 310621
Conc: 0.53 ng/ml



#42 AR-1268-2

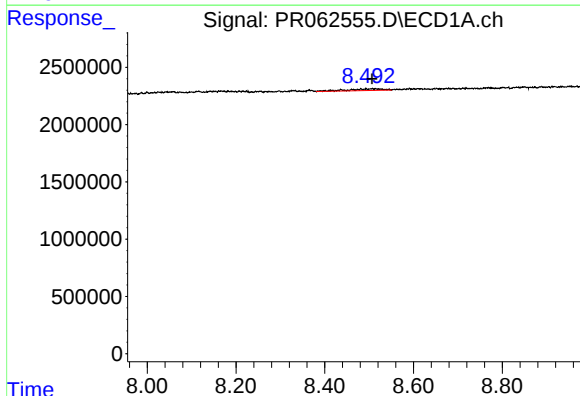
R.T.: 0.000 min
Exp R.T.: 8.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



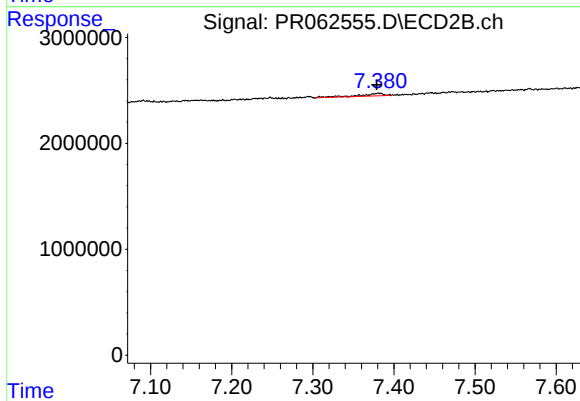
#42 AR-1268-2

R.T.: 7.162 min
Delta R.T.: 0.006 min
Response: 242866
Conc: 0.45 ng/ml



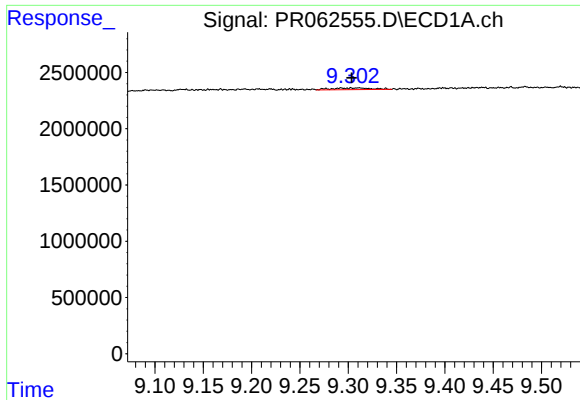
#43 AR-1268-3

R.T.: 8.483 min
Delta R.T.: -0.024 min
Response: 794108
Conc: 4.48 ng/ml



#43 AR-1268-3

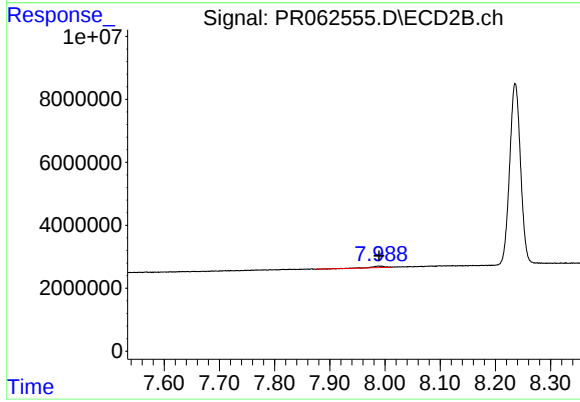
R.T.: 7.381 min
Delta R.T.: 0.002 min
Response: 534459
Conc: 1.13 ng/ml



#45 AR-1268-5

R.T.: 9.311 min
Delta R.T.: 0.007 min
Response: 401864
Conc: 0.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 945519
Conc: 0.63 ng/ml