

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR070224\
 Data File : PR067610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2024 02:16
 Operator : AJ\MA
 Sample : AIBLK052
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AIBLK023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 05:50:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR070224CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 03 05:42:42 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.645	2.881	68723872	93703691	17.034	16.240
2)	SA Decachlor...	9.511	8.096	52649723	71647812	34.255	34.026
Target Compounds							
3)	L1 AR-1016-1	4.816f	3.985	631716	8703	6.804	0.048 #
4)	L1 AR-1016-2	0.000	4.004	0	66771	N.D.	0.253 #
5)	L1 AR-1016-3	0.000	4.152	0	70114	N.D.	0.532 #
6)	L1 AR-1016-4	5.046	4.227	380794	65867	4.299	0.625 #
7)	L1 AR-1016-5	5.415f	4.455	243432	289030	2.997	2.161 #
8)	L2 AR-1221-1	0.000	3.097	0	147934	N.D.	2.480 #
9)	L2 AR-1221-2	3.956	3.181	1104116	1192390	35.406	28.288
10)	L2 AR-1221-3	4.007	3.271	578170	476313	5.785	3.465 #
11)	L3 AR-1232-1	4.007	3.271	578170	476313	6.942	4.028 #
12)	L3 AR-1232-2	0.000	4.004	0	66771	N.D.	0.609 #
13)	L3 AR-1232-3	0.000	4.152	0	70114	N.D.	1.223 #
14)	L3 AR-1232-4	5.046	4.257	380794	586900	10.108	11.501
15)	L3 AR-1232-5	5.203f	4.455	223195	289030	8.537	5.264 #
16)	L4 AR-1242-1	4.816f	3.985	631716	8703	9.168	0.067 #
17)	L4 AR-1242-2	0.000	4.004	0	66771	N.D.	0.357 #
18)	L4 AR-1242-3	0.000	4.152	0	70114	N.D.	0.700 #
19)	L4 AR-1242-4	5.046	4.257	380794	586900	5.738	6.009
20)	L4 AR-1242-5	0.000	4.812	0	195029	N.D.	1.653 #
21)	L5 AR-1248-1	4.816f	3.985	631716	8703	12.358	0.089 #
22)	L5 AR-1248-2	5.203f	4.227	223195	65867	2.610	0.463 #
23)	L5 AR-1248-3	5.415f	4.257	243432	586900	2.366	4.075 #
24)	L5 AR-1248-4	0.000	4.455	0	289030	N.D.	1.687 #
25)	L5 AR-1248-5	0.000	4.873	0	314228	N.D.	1.917 #
26)	L6 AR-1254-1	0.000	4.812	0	195029	N.D.	0.750 #
27)	L6 AR-1254-2	6.015	4.980	2896455	55865	17.259	0.234 #
28)	L6 AR-1254-3	6.400	5.383	1660225	727919	9.346	1.780 #
29)	L6 AR-1254-4	0.000	5.707f	0	1423272	N.D.	6.113 #
30)	L6 AR-1254-5	7.161	6.118f	1176939	2032930	9.290	5.308 #
31)	L7 AR-1260-1	6.592	5.537	597245	576679	3.732	1.686 #
32)	L7 AR-1260-2	6.925f	5.707	554577	1423272	3.490	3.459
33)	L7 AR-1260-3	7.242	5.901	331539	3113908	2.429	8.212 #
34)	L7 AR-1260-4	7.472	6.393	596273	553166	4.041	1.807 #
35)	L7 AR-1260-5	7.863f	6.691	1204385	752513	4.658	1.179 #
36)	L8 AR-1262-1	7.242	6.118	331539	2032930	2.007	5.050 #
37)	L8 AR-1262-2	7.863f	6.691	1204385	752513	4.898	1.239 #
38)	L8 AR-1262-3	0.000	6.951	0	368699	N.D.	1.598 #
39)	L8 AR-1262-4	8.205	7.022	1341305	297729	8.812	0.713 #
40)	L8 AR-1262-5	8.809	7.561	557497	212875	6.103	1.267 #
41)	L9 AR-1268-1	0.000	6.951	0	368699	N.D.	0.543 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR070224\
Data File : PR067610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2024 02:16
Operator : AJ\MA
Sample : AIBLK052
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 05:50:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR070224CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 03 05:42:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.205	7.022	1341305	297729	4.191	0.486 #
43)	L9 AR-1268-3	8.418	7.253	633944	763596	2.162	1.500 #
44)	L9 AR-1268-4	8.809	7.561	557497	212875	5.480	1.103 #
45)	L9 AR-1268-5	9.200	7.857	2614859	1736543	2.958	1.200 #

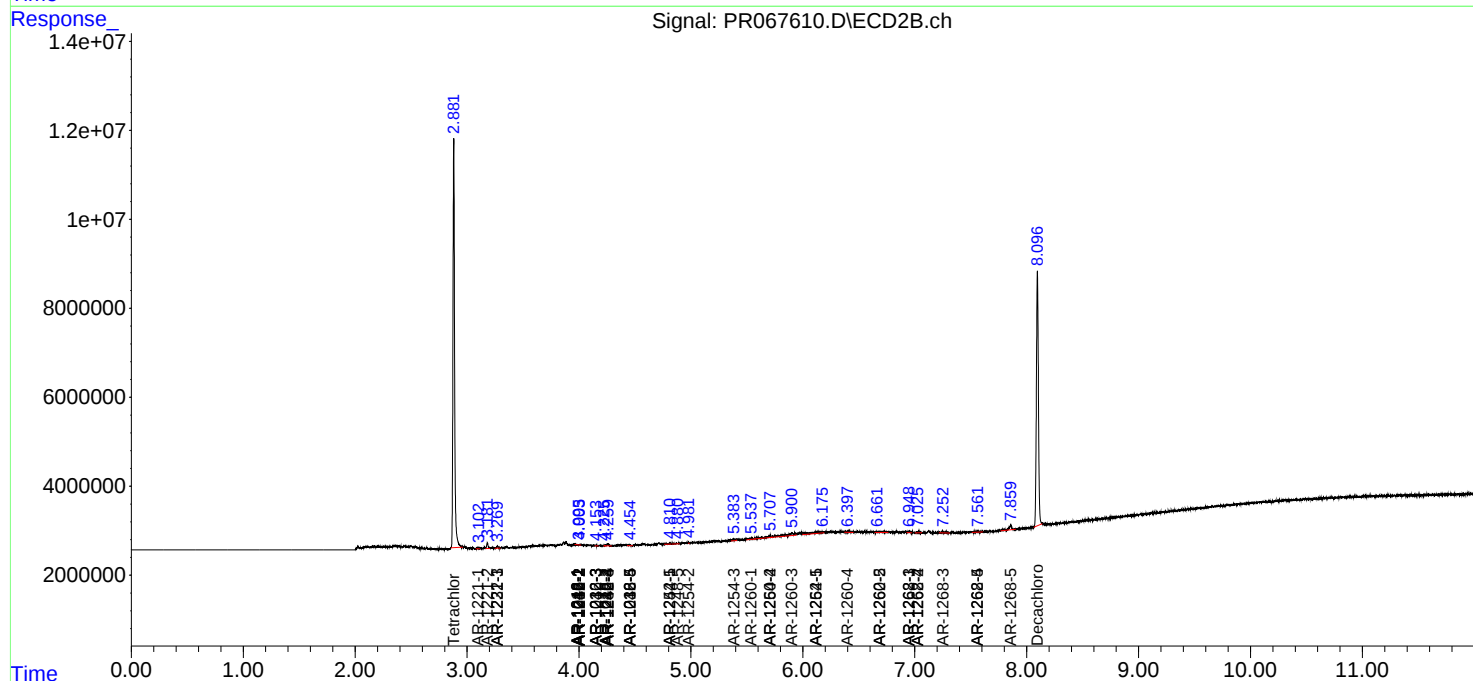
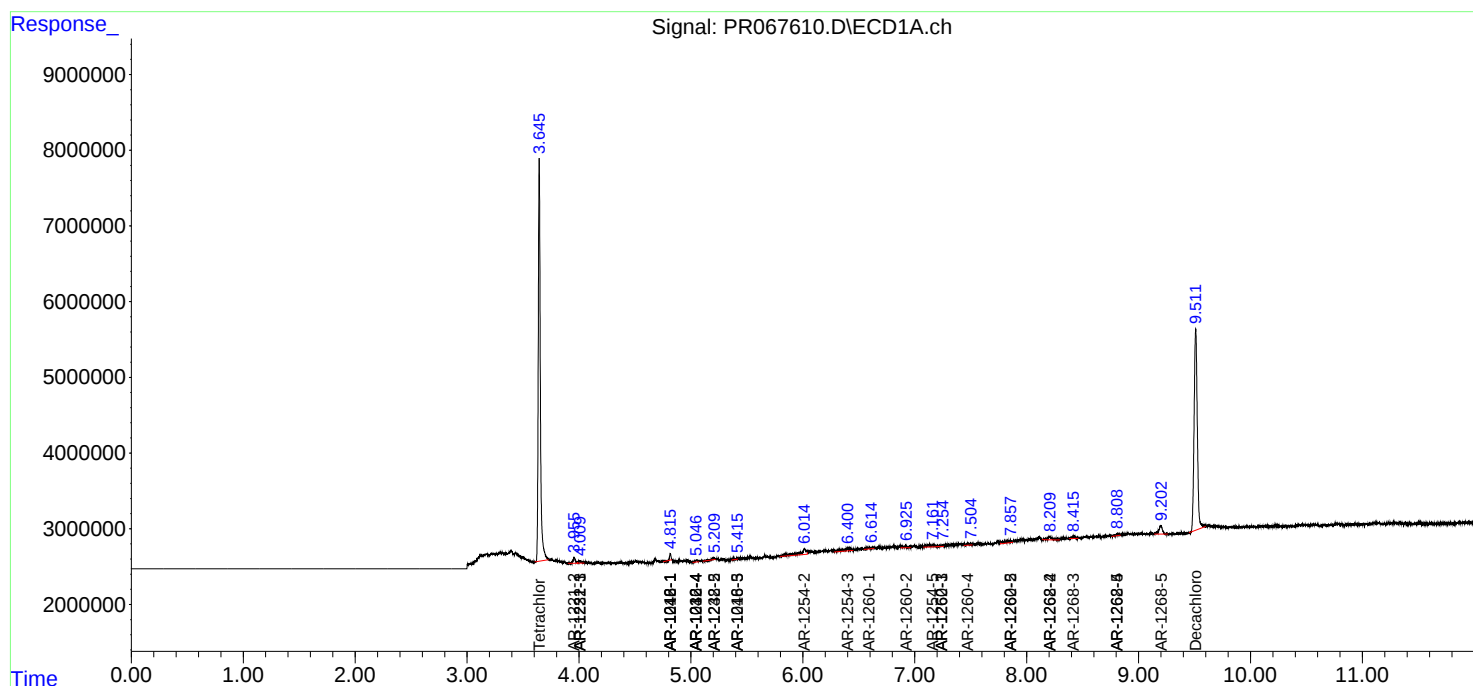
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

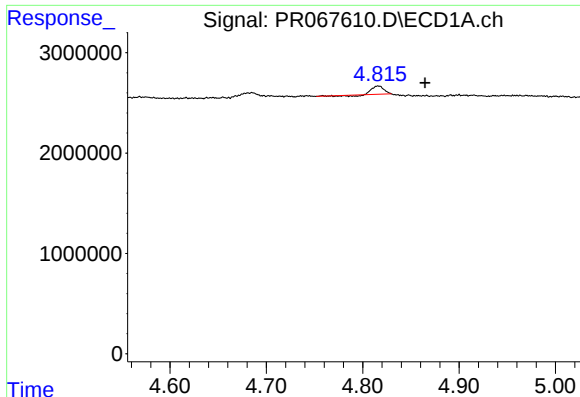
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR070224\
Data File : PR067610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2024 02:16
Operator : AJ\MA
Sample : AIBLK052
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 05:50:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR070224CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 03 05:42:42 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

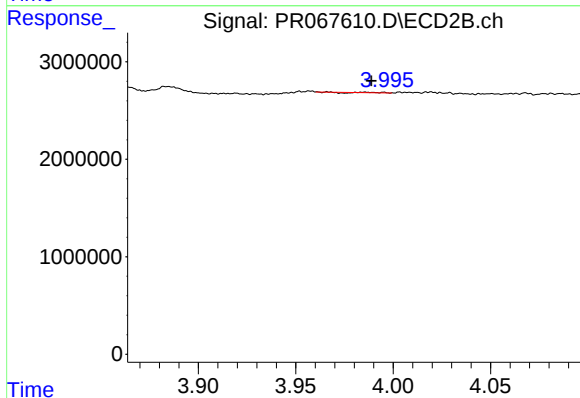




#3 AR-1016-1

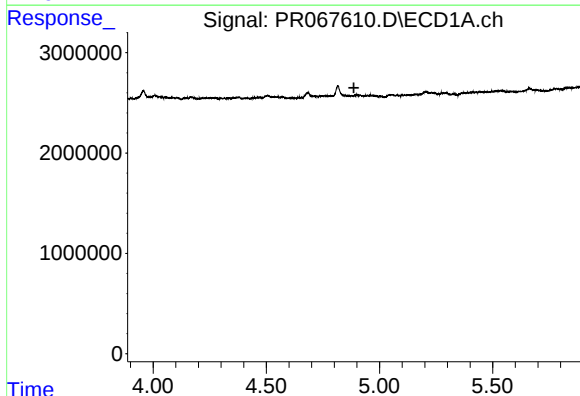
R.T.: 4.816 min
Delta R.T.: -0.049 min
Response: 631716
Conc: 6.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



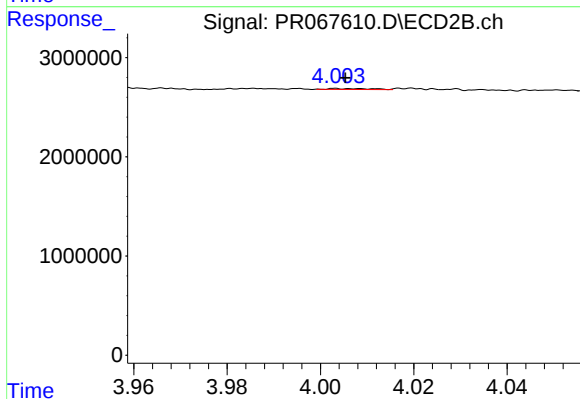
#3 AR-1016-1

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 8703
Conc: 0.05 ng/ml



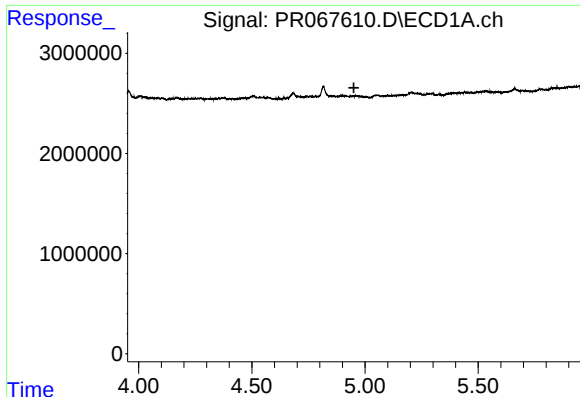
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.



#4 AR-1016-2

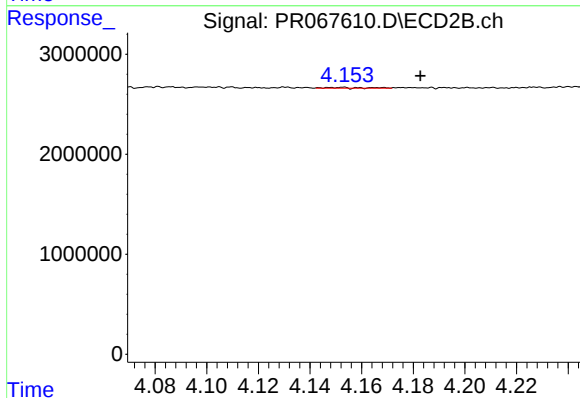
R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 66771
Conc: 0.25 ng/ml



#5 AR-1016-3

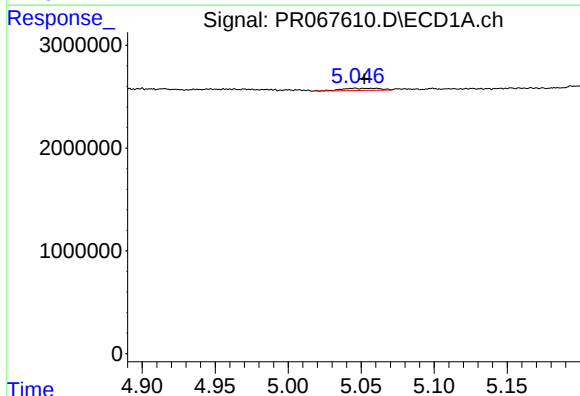
R.T.: 0.000 min
Exp R.T.: 4.951 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AIBLK023



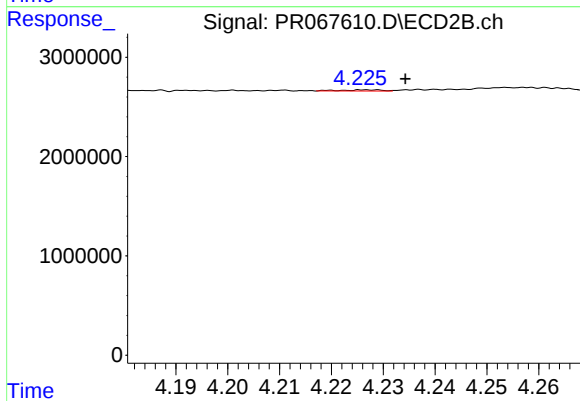
#5 AR-1016-3

R.T.: 4.152 min
Delta R.T.: -0.030 min
Response: 70114
Conc: 0.53 ng/ml



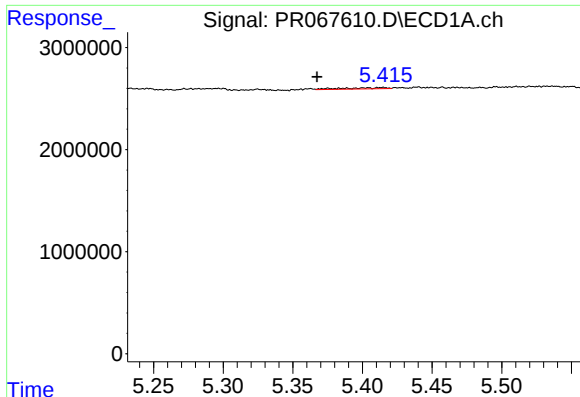
#6 AR-1016-4

R.T.: 5.046 min
Delta R.T.: -0.007 min
Response: 380794
Conc: 4.30 ng/ml



#6 AR-1016-4

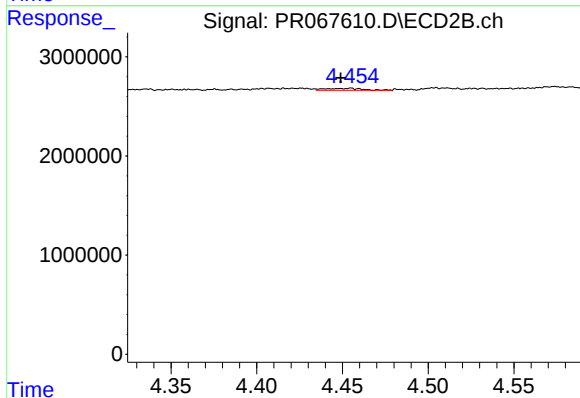
R.T.: 4.227 min
Delta R.T.: -0.007 min
Response: 65867
Conc: 0.63 ng/ml



#7 AR-1016-5

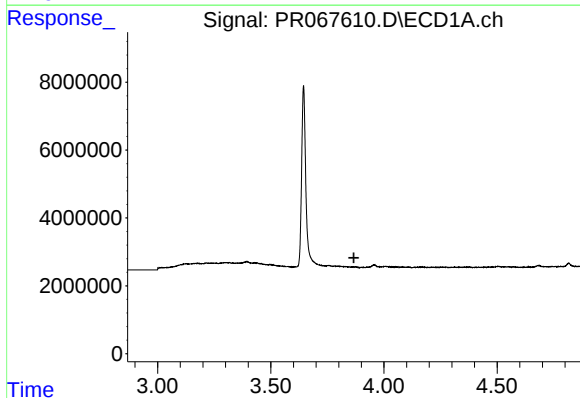
R.T.: 5.415 min
Delta R.T.: 0.047 min
Response: 243432
Conc: 3.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



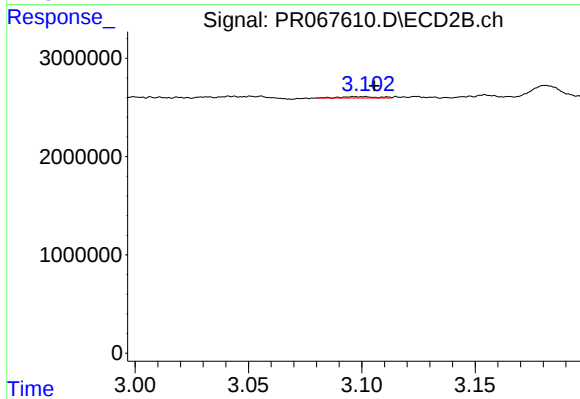
#7 AR-1016-5

R.T.: 4.455 min
Delta R.T.: 0.006 min
Response: 289030
Conc: 2.16 ng/ml



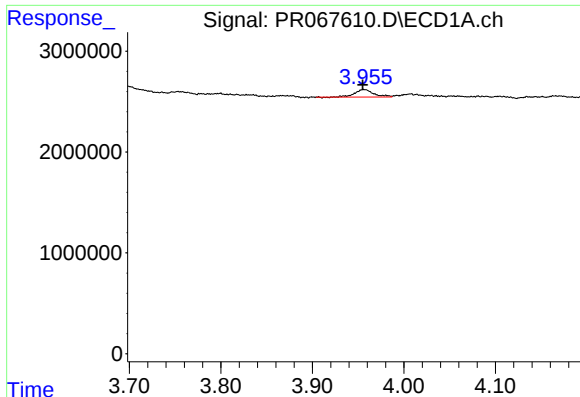
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.867 min
Response: 0
Conc: N.D.



#8 AR-1221-1

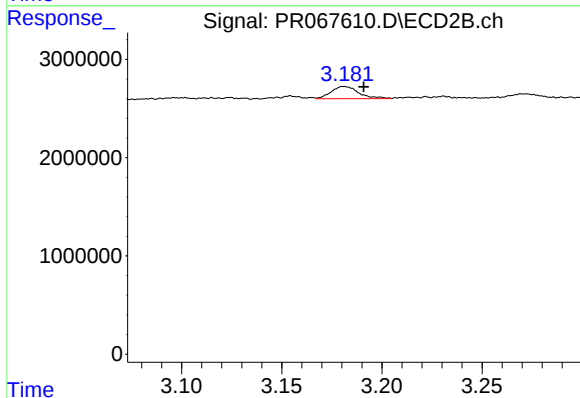
R.T.: 3.097 min
Delta R.T.: -0.008 min
Response: 147934
Conc: 2.48 ng/ml



#9 AR-1221-2

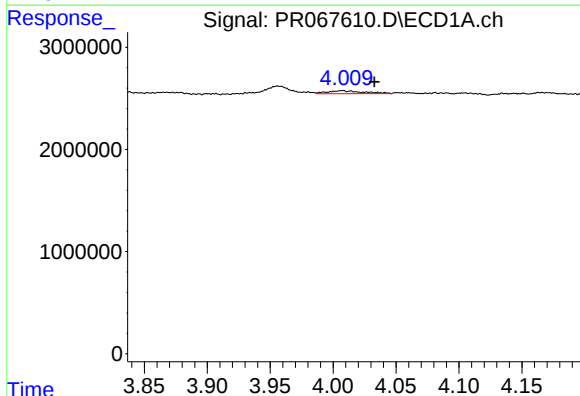
R.T.: 3.956 min
Delta R.T.: 0.001 min
Response: 1104116
Conc: 35.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



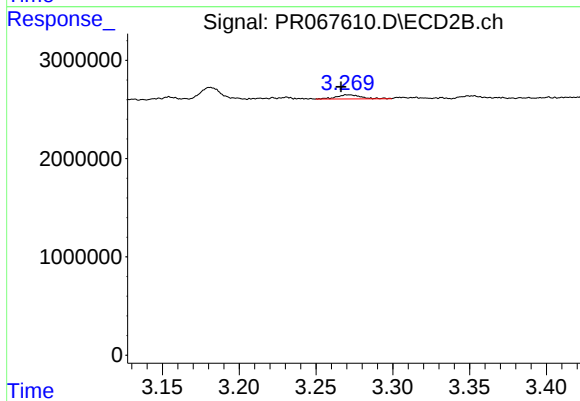
#9 AR-1221-2

R.T.: 3.181 min
Delta R.T.: -0.010 min
Response: 1192390
Conc: 28.29 ng/ml



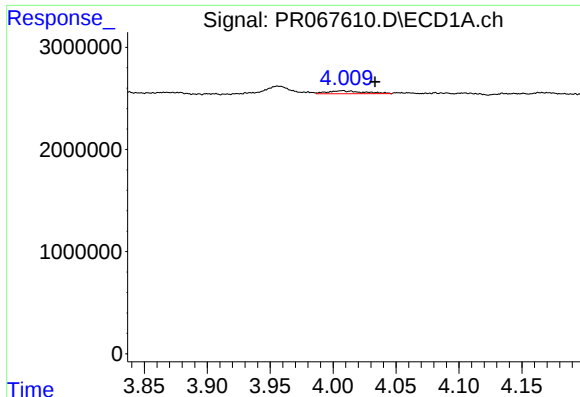
#10 AR-1221-3

R.T.: 4.007 min
Delta R.T.: -0.025 min
Response: 578170
Conc: 5.78 ng/ml



#10 AR-1221-3

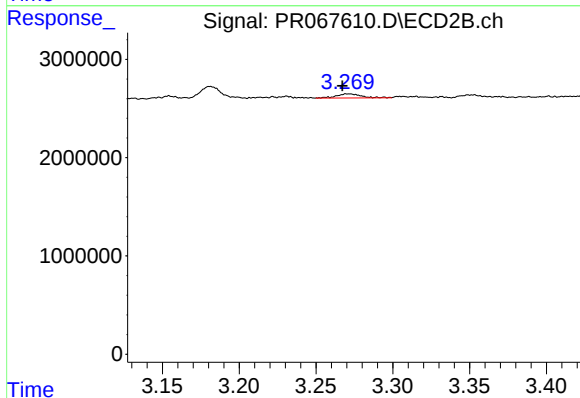
R.T.: 3.271 min
Delta R.T.: 0.005 min
Response: 476313
Conc: 3.47 ng/ml



#11 AR-1232-1

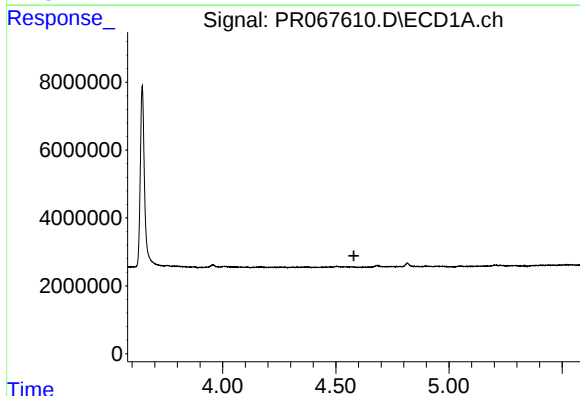
R.T.: 4.007 min
Delta R.T.: -0.026 min
Response: 578170
Conc: 6.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



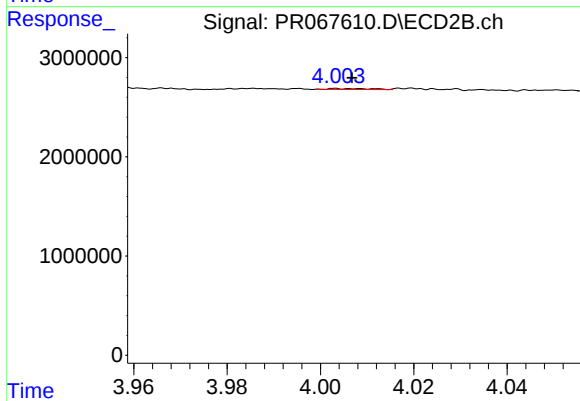
#11 AR-1232-1

R.T.: 3.271 min
Delta R.T.: 0.004 min
Response: 476313
Conc: 4.03 ng/ml



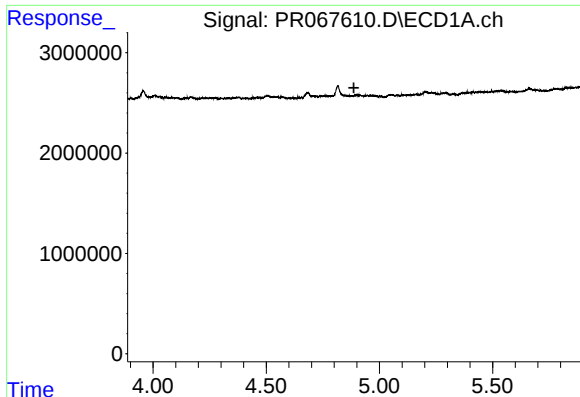
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.580 min
Response: 0
Conc: N.D.



#12 AR-1232-2

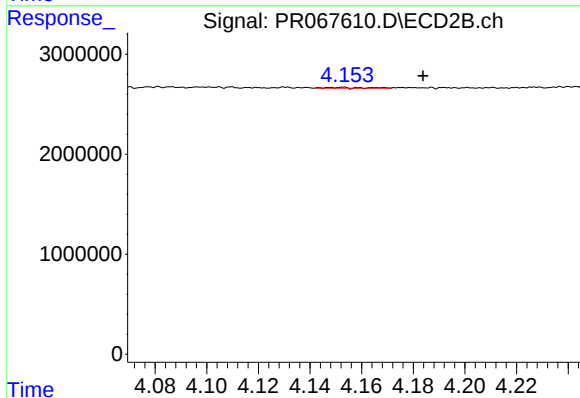
R.T.: 4.004 min
Delta R.T.: -0.003 min
Response: 66771
Conc: 0.61 ng/ml



#13 AR-1232-3

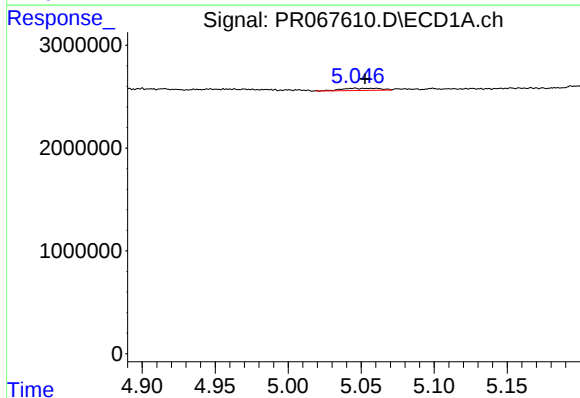
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AIBLK023



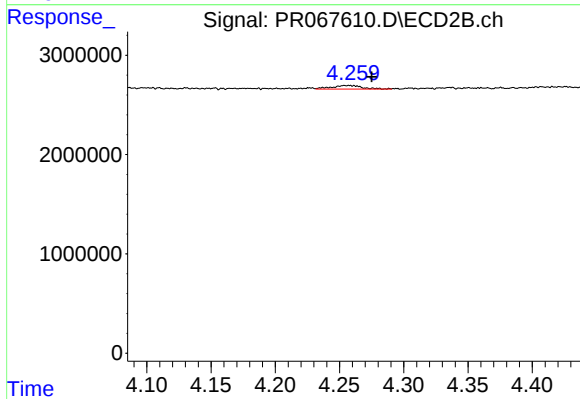
#13 AR-1232-3

R.T.: 4.152 min
Delta R.T.: -0.031 min
Response: 70114
Conc: 1.22 ng/ml



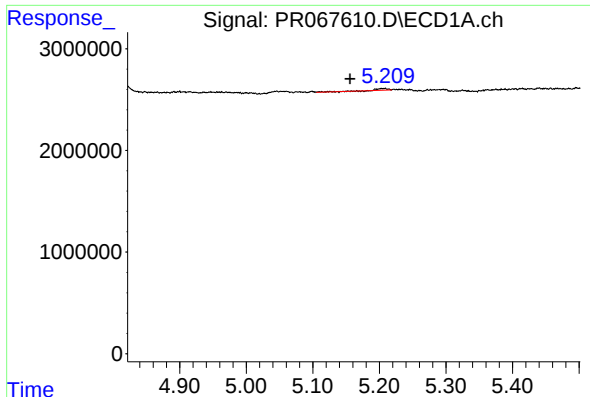
#14 AR-1232-4

R.T.: 5.046 min
Delta R.T.: -0.007 min
Response: 380794
Conc: 10.11 ng/ml



#14 AR-1232-4

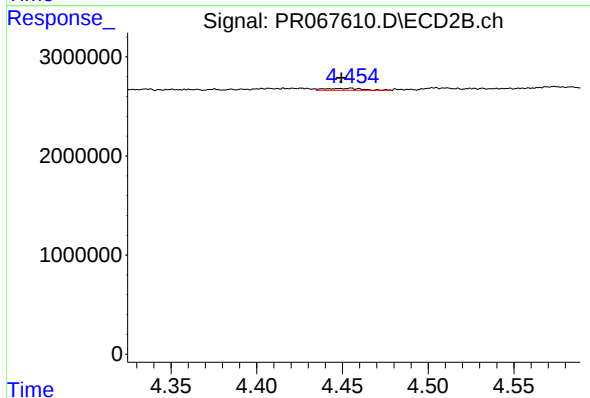
R.T.: 4.257 min
Delta R.T.: -0.018 min
Response: 586900
Conc: 11.50 ng/ml



#15 AR-1232-5

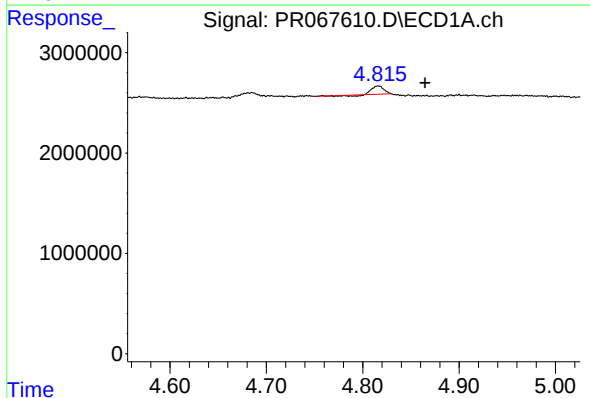
R.T.: 5.203 min
Delta R.T.: 0.047 min
Response: 223195
Conc: 8.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



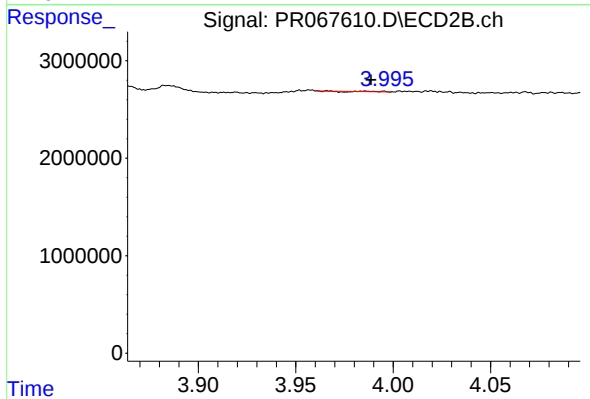
#15 AR-1232-5

R.T.: 4.455 min
Delta R.T.: 0.005 min
Response: 289030
Conc: 5.26 ng/ml



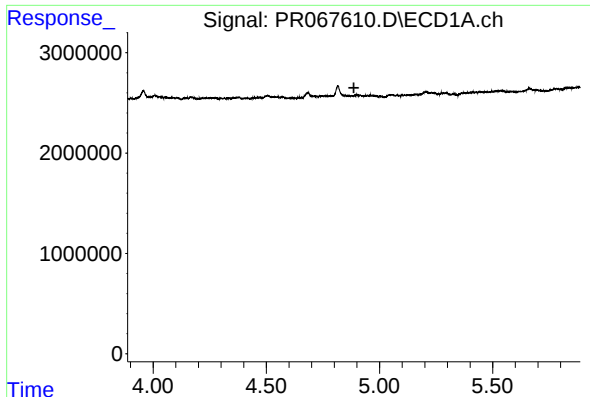
#16 AR-1242-1

R.T.: 4.816 min
Delta R.T.: -0.049 min
Response: 631716
Conc: 9.17 ng/ml



#16 AR-1242-1

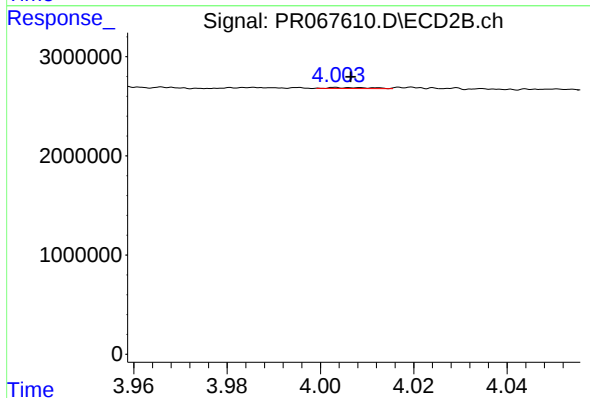
R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 8703
Conc: 0.07 ng/ml



#17 AR-1242-2

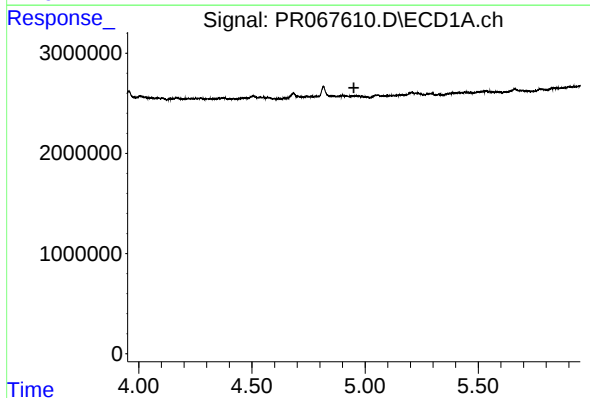
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AIBLK023



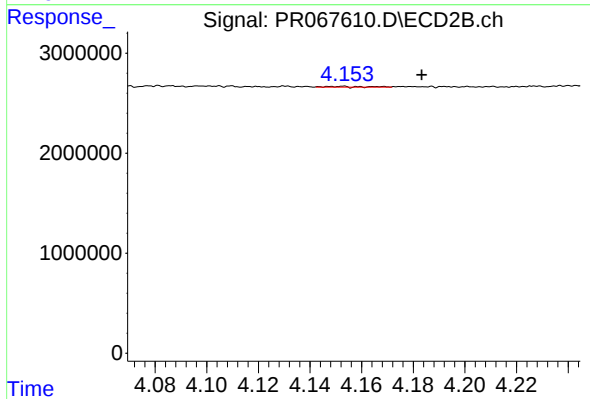
#17 AR-1242-2

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 66771
Conc: 0.36 ng/ml



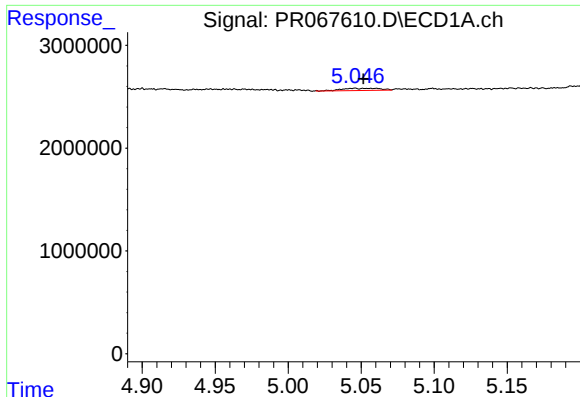
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 4.950 min
Response: 0
Conc: N.D.



#18 AR-1242-3

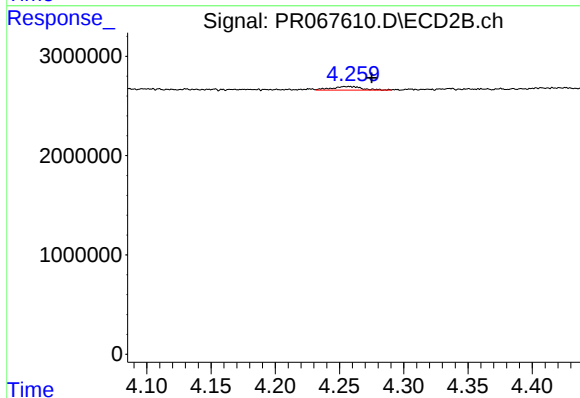
R.T.: 4.152 min
Delta R.T.: -0.031 min
Response: 70114
Conc: 0.70 ng/ml



#19 AR-1242-4

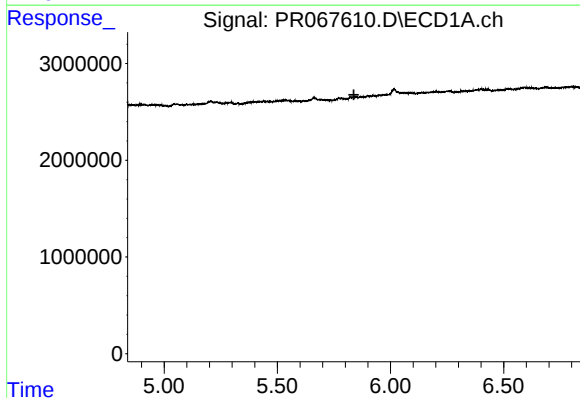
R.T.: 5.046 min
Delta R.T.: -0.006 min
Response: 380794
Conc: 5.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



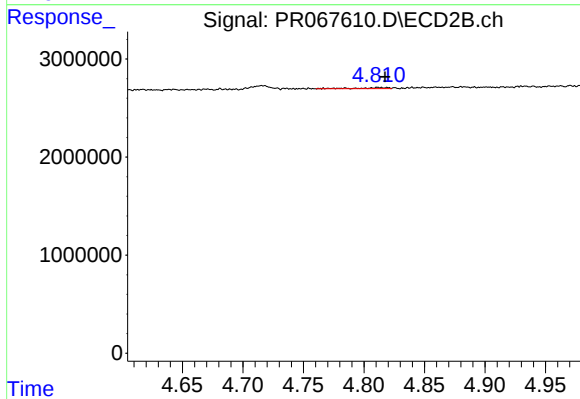
#19 AR-1242-4

R.T.: 4.257 min
Delta R.T.: -0.018 min
Response: 586900
Conc: 6.01 ng/ml



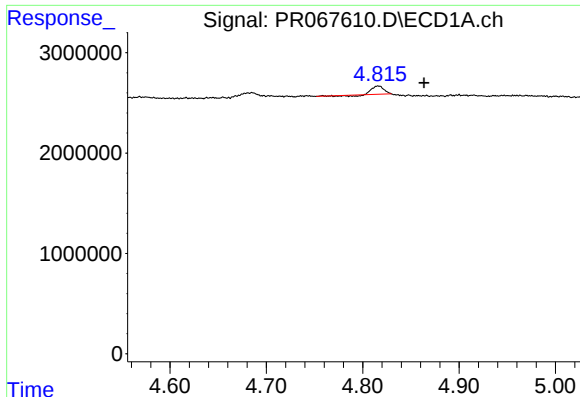
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.838 min
Response: 0
Conc: N.D.



#20 AR-1242-5

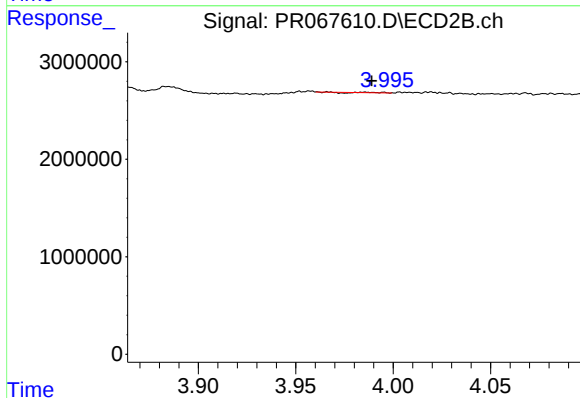
R.T.: 4.812 min
Delta R.T.: -0.006 min
Response: 195029
Conc: 1.65 ng/ml



#21 AR-1248-1

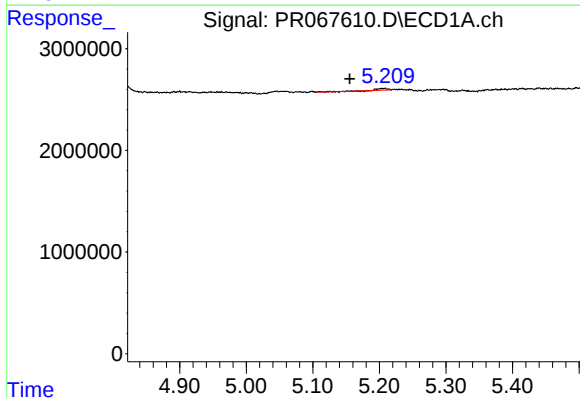
R.T.: 4.816 min
Delta R.T.: -0.048 min
Response: 631716
Conc: 12.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



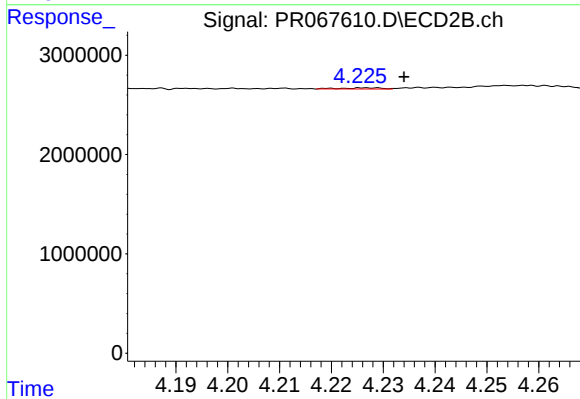
#21 AR-1248-1

R.T.: 3.985 min
Delta R.T.: -0.004 min
Response: 8703
Conc: 0.09 ng/ml



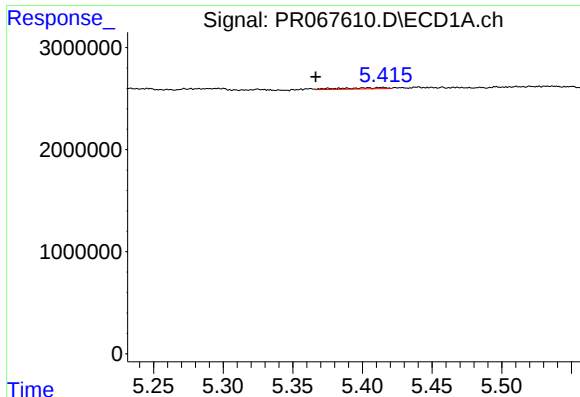
#22 AR-1248-2

R.T.: 5.203 min
Delta R.T.: 0.048 min
Response: 223195
Conc: 2.61 ng/ml



#22 AR-1248-2

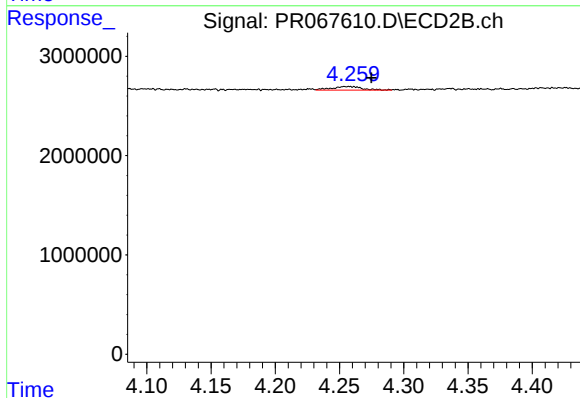
R.T.: 4.227 min
Delta R.T.: -0.007 min
Response: 65867
Conc: 0.46 ng/ml



#23 AR-1248-3

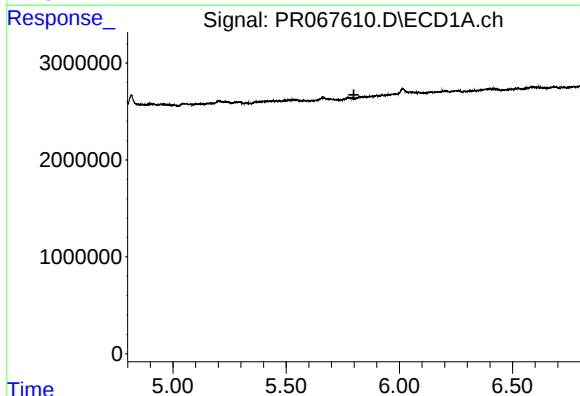
R.T.: 5.415 min
Delta R.T.: 0.048 min
Response: 243432
Conc: 2.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



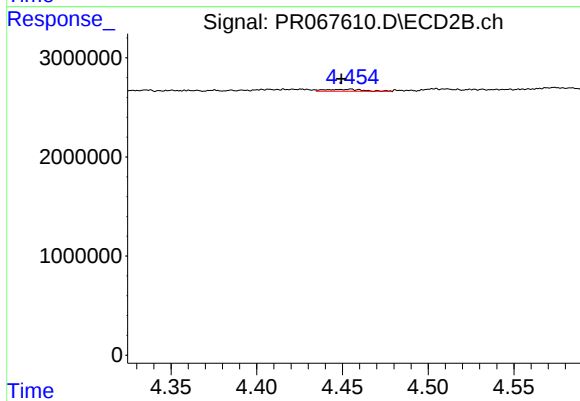
#23 AR-1248-3

R.T.: 4.257 min
Delta R.T.: -0.018 min
Response: 586900
Conc: 4.07 ng/ml



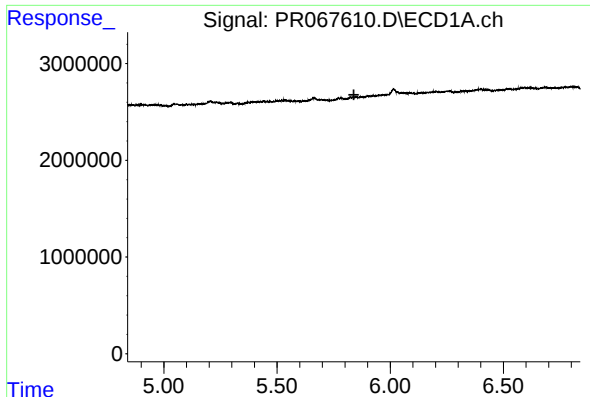
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.799 min
Response: 0
Conc: N.D.



#24 AR-1248-4

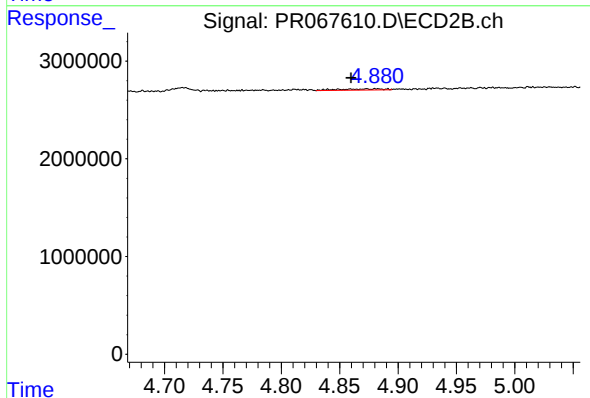
R.T.: 4.455 min
Delta R.T.: 0.005 min
Response: 289030
Conc: 1.69 ng/ml



#25 AR-1248-5

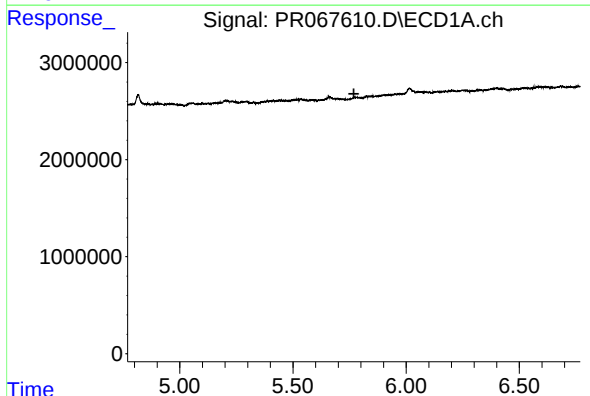
R.T.: 0.000 min
Exp R.T.: 5.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AIBLK023



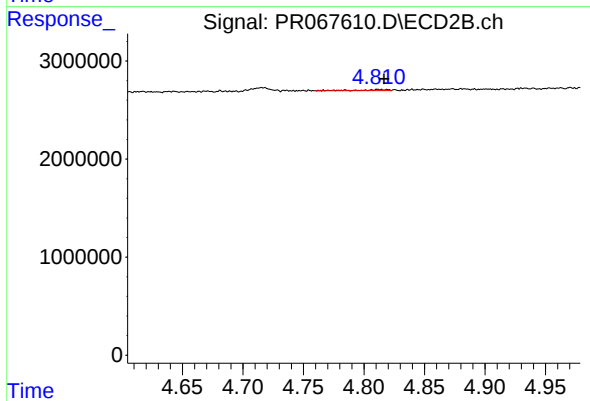
#25 AR-1248-5

R.T.: 4.873 min
Delta R.T.: 0.013 min
Response: 314228
Conc: 1.92 ng/ml



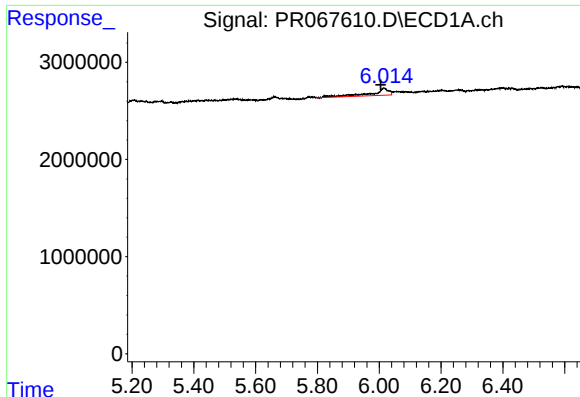
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 5.769 min
Response: 0
Conc: N.D.



#26 AR-1254-1

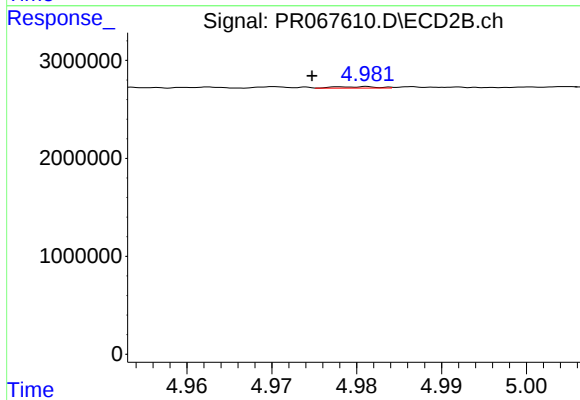
R.T.: 4.812 min
Delta R.T.: -0.005 min
Response: 195029
Conc: 0.75 ng/ml



#27 AR-1254-2

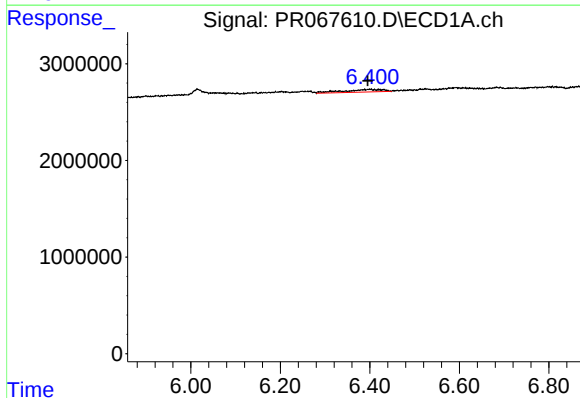
R.T.: 6.015 min
Delta R.T.: 0.010 min
Response: 2896455
Conc: 17.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



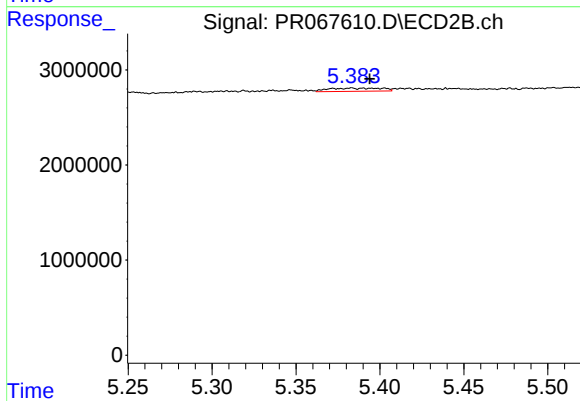
#27 AR-1254-2

R.T.: 4.980 min
Delta R.T.: 0.006 min
Response: 55865
Conc: 0.23 ng/ml



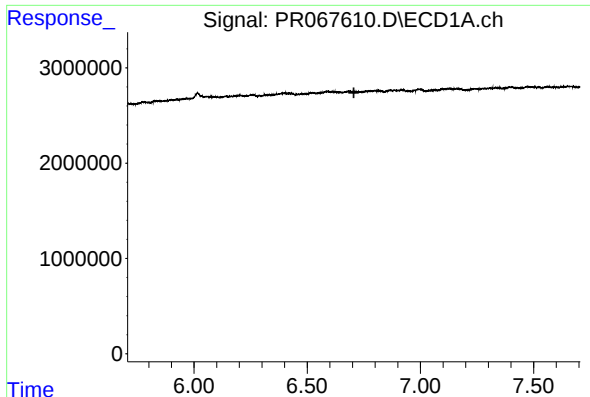
#28 AR-1254-3

R.T.: 6.400 min
Delta R.T.: 0.004 min
Response: 1660225
Conc: 9.35 ng/ml



#28 AR-1254-3

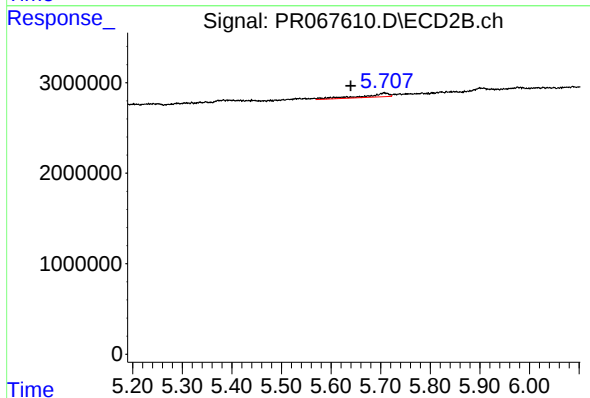
R.T.: 5.383 min
Delta R.T.: -0.011 min
Response: 727919
Conc: 1.78 ng/ml



#29 AR-1254-4

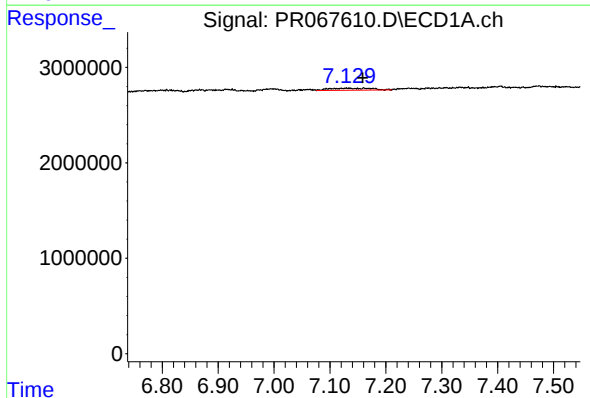
R.T.: 0.000 min
Exp R.T.: 6.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AIBLK023



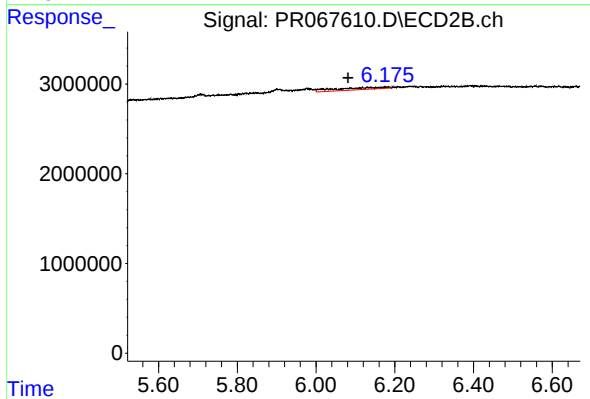
#29 AR-1254-4

R.T.: 5.707 min
Delta R.T.: 0.068 min
Response: 1423272
Conc: 6.11 ng/ml



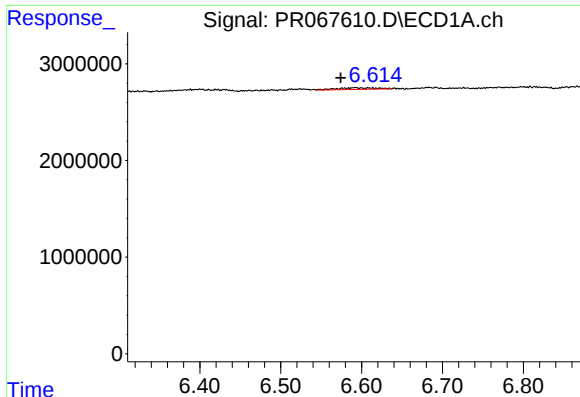
#30 AR-1254-5

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 1176939
Conc: 9.29 ng/ml



#30 AR-1254-5

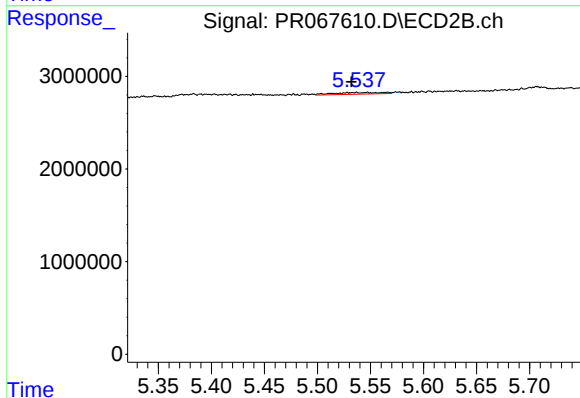
R.T.: 6.118 min
Delta R.T.: 0.037 min
Response: 2032930
Conc: 5.31 ng/ml



#31 AR-1260-1

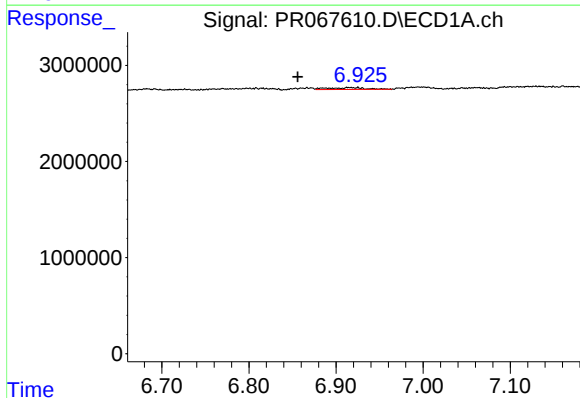
R.T.: 6.592 min
Delta R.T.: 0.017 min
Response: 597245
Conc: 3.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



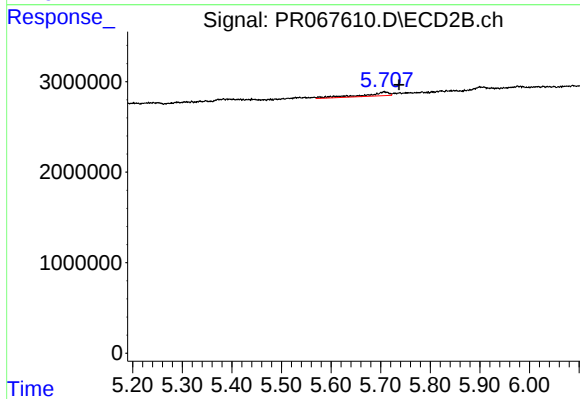
#31 AR-1260-1

R.T.: 5.537 min
Delta R.T.: 0.005 min
Response: 576679
Conc: 1.69 ng/ml



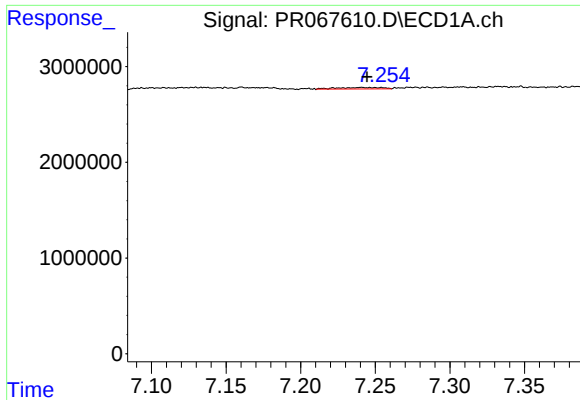
#32 AR-1260-2

R.T.: 6.925 min
Delta R.T.: 0.068 min
Response: 554577
Conc: 3.49 ng/ml



#32 AR-1260-2

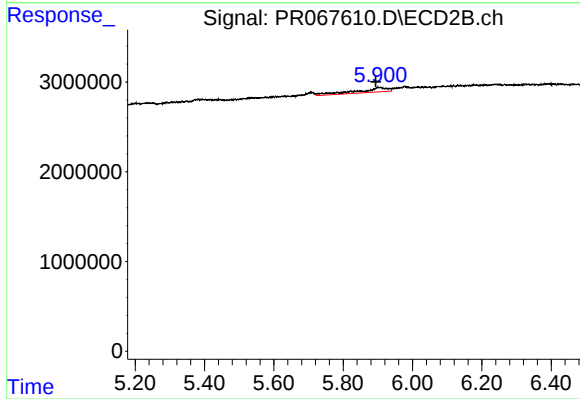
R.T.: 5.707 min
Delta R.T.: -0.030 min
Response: 1423272
Conc: 3.46 ng/ml



#33 AR-1260-3

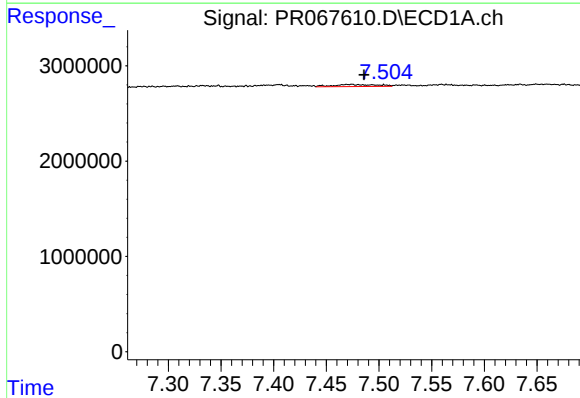
R.T.: 7.242 min
Delta R.T.: -0.003 min
Response: 331539
Conc: 2.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



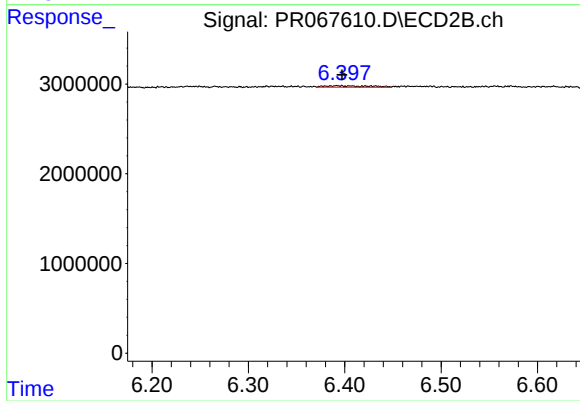
#33 AR-1260-3

R.T.: 5.901 min
Delta R.T.: 0.008 min
Response: 3113908
Conc: 8.21 ng/ml



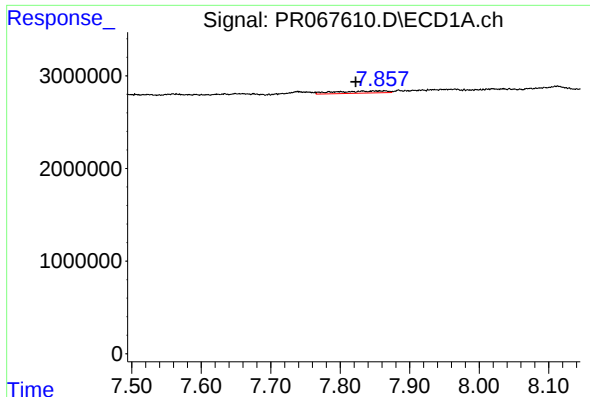
#34 AR-1260-4

R.T.: 7.472 min
Delta R.T.: -0.013 min
Response: 596273
Conc: 4.04 ng/ml



#34 AR-1260-4

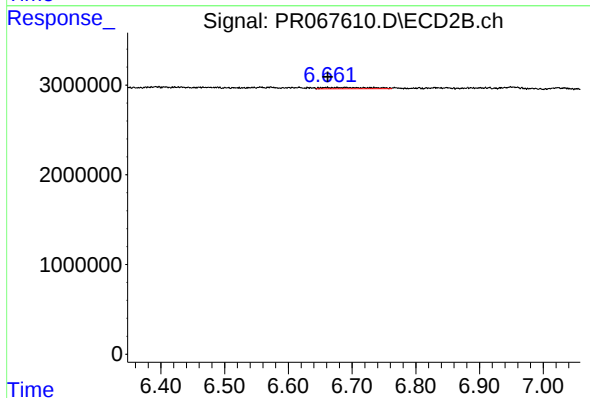
R.T.: 6.393 min
Delta R.T.: -0.004 min
Response: 553166
Conc: 1.81 ng/ml



#35 AR-1260-5

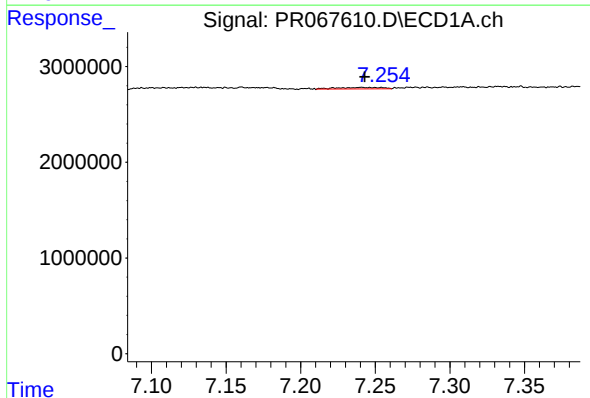
R.T.: 7.863 min
Delta R.T.: 0.041 min
Response: 1204385
Conc: 4.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



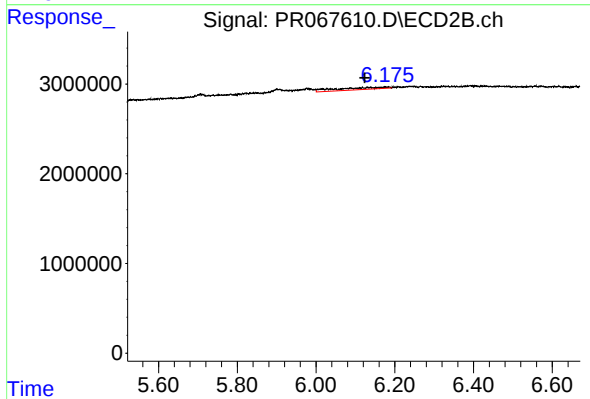
#35 AR-1260-5

R.T.: 6.691 min
Delta R.T.: 0.029 min
Response: 752513
Conc: 1.18 ng/ml



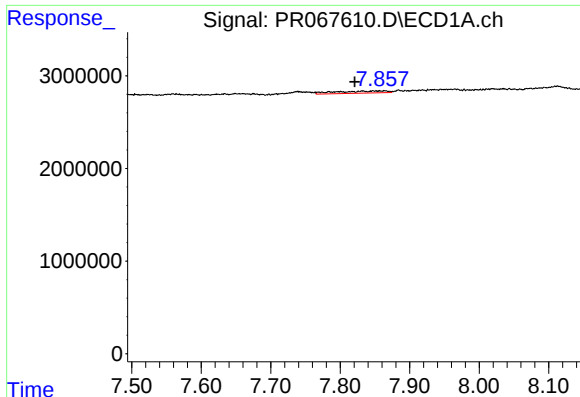
#36 AR-1262-1

R.T.: 7.242 min
Delta R.T.: -0.001 min
Response: 331539
Conc: 2.01 ng/ml



#36 AR-1262-1

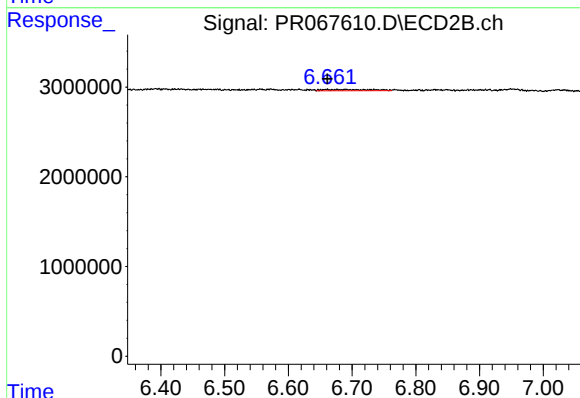
R.T.: 6.118 min
Delta R.T.: -0.006 min
Response: 2032930
Conc: 5.05 ng/ml



#37 AR-1262-2

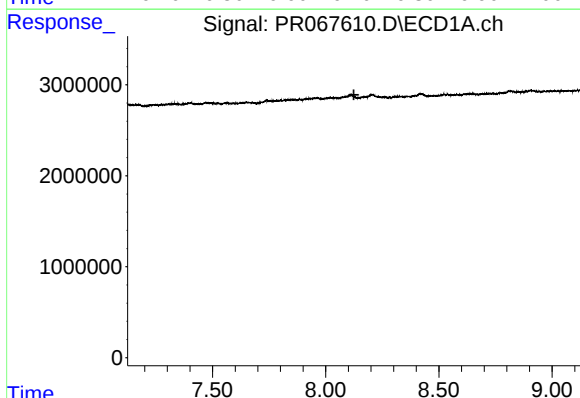
R.T.: 7.863 min
Delta R.T.: 0.043 min
Response: 1204385
Conc: 4.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



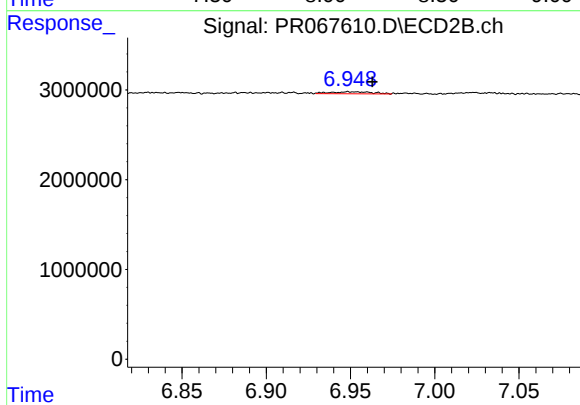
#37 AR-1262-2

R.T.: 6.691 min
Delta R.T.: 0.030 min
Response: 752513
Conc: 1.24 ng/ml



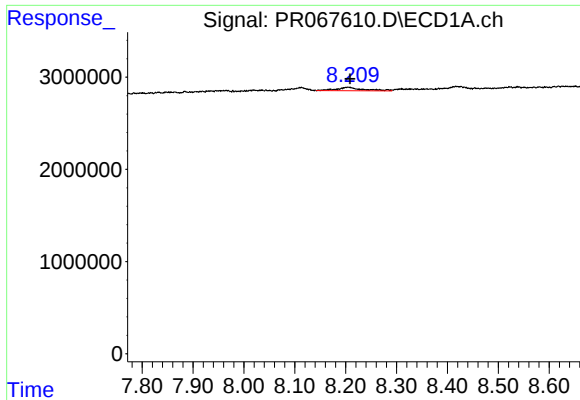
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.



#38 AR-1262-3

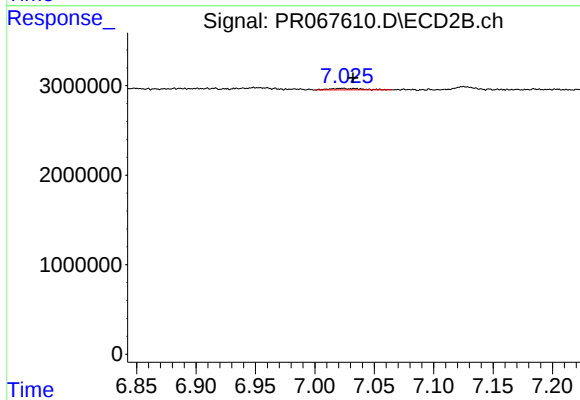
R.T.: 6.951 min
Delta R.T.: -0.012 min
Response: 368699
Conc: 1.60 ng/ml



#39 AR-1262-4

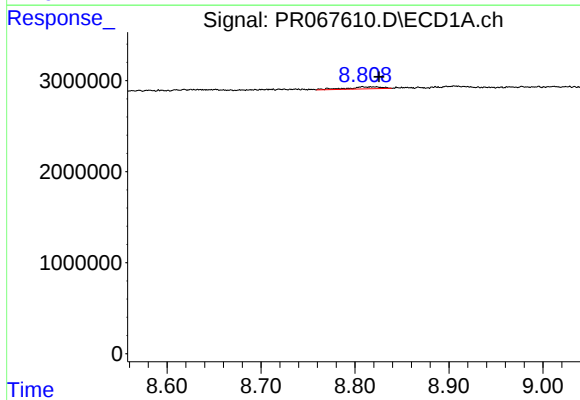
R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 1341305
Conc: 8.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



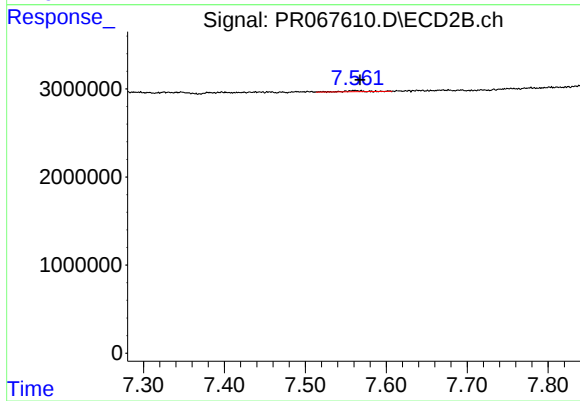
#39 AR-1262-4

R.T.: 7.022 min
Delta R.T.: -0.010 min
Response: 297729
Conc: 0.71 ng/ml



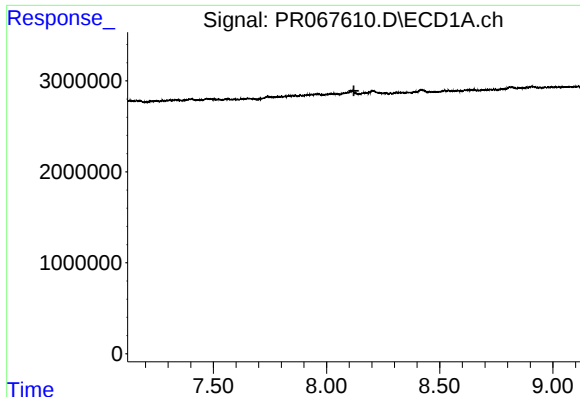
#40 AR-1262-5

R.T.: 8.809 min
Delta R.T.: -0.017 min
Response: 557497
Conc: 6.10 ng/ml



#40 AR-1262-5

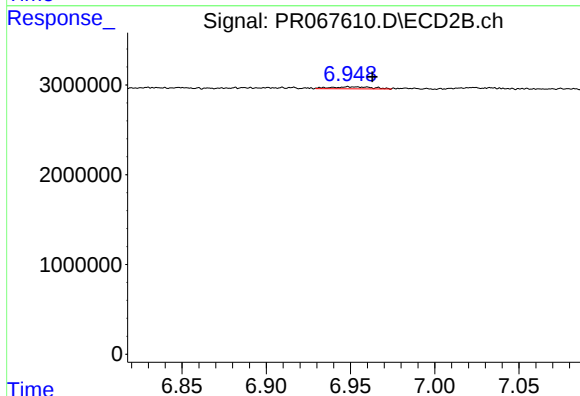
R.T.: 7.561 min
Delta R.T.: -0.007 min
Response: 212875
Conc: 1.27 ng/ml



#41 AR-1268-1

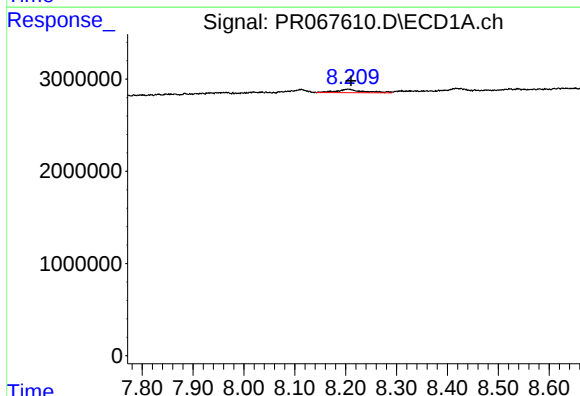
R.T.: 0.000 min
Exp R.T.: 8.121 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AIBLK023



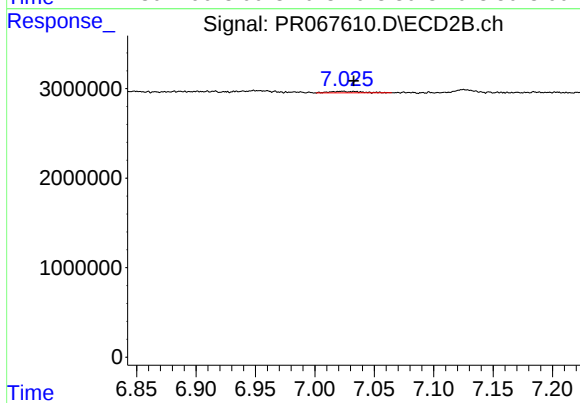
#41 AR-1268-1

R.T.: 6.951 min
Delta R.T.: -0.012 min
Response: 368699
Conc: 0.54 ng/ml



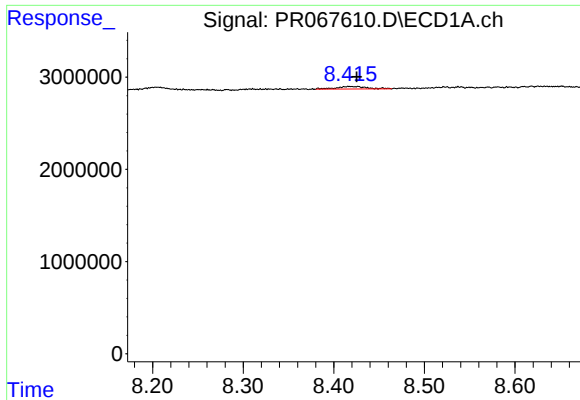
#42 AR-1268-2

R.T.: 8.205 min
Delta R.T.: -0.006 min
Response: 1341305
Conc: 4.19 ng/ml



#42 AR-1268-2

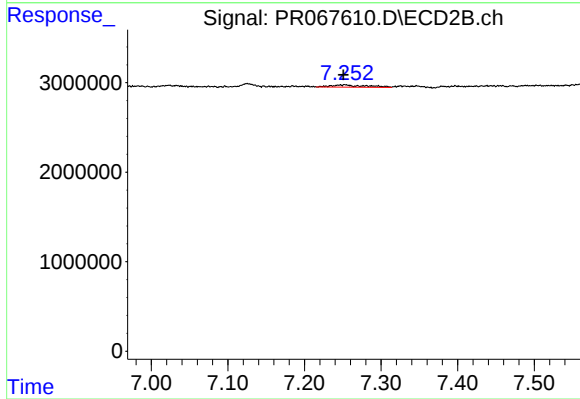
R.T.: 7.022 min
Delta R.T.: -0.010 min
Response: 297729
Conc: 0.49 ng/ml



#43 AR-1268-3

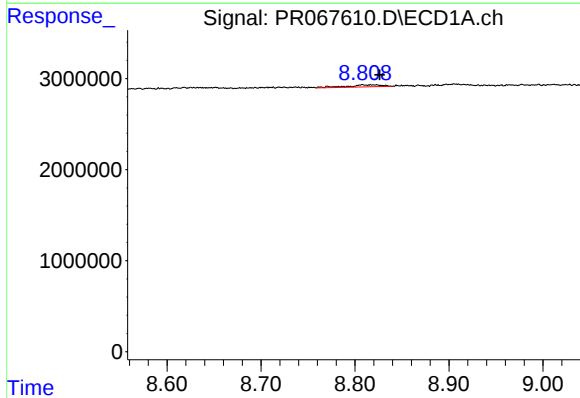
R.T.: 8.418 min
Delta R.T.: -0.008 min
Response: 633944
Conc: 2.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



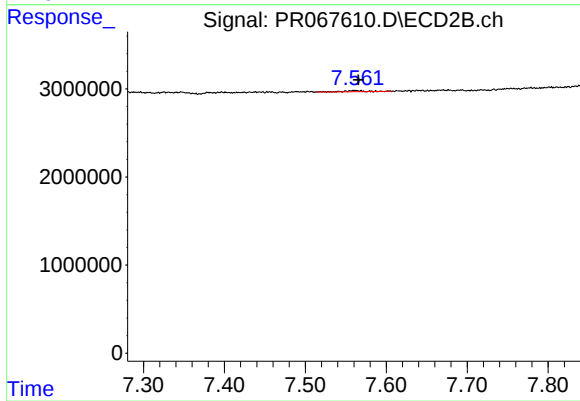
#43 AR-1268-3

R.T.: 7.253 min
Delta R.T.: 0.002 min
Response: 763596
Conc: 1.50 ng/ml



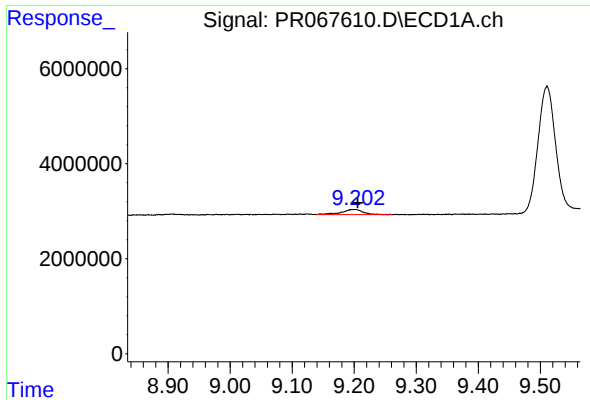
#44 AR-1268-4

R.T.: 8.809 min
Delta R.T.: -0.018 min
Response: 557497
Conc: 5.48 ng/ml



#44 AR-1268-4

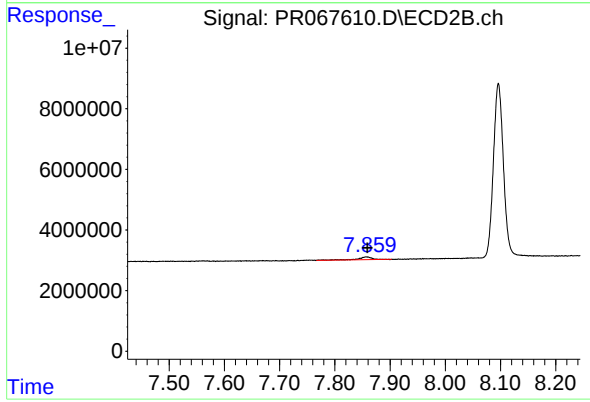
R.T.: 7.561 min
Delta R.T.: -0.005 min
Response: 212875
Conc: 1.10 ng/ml



#45 AR-1268-5

R.T.: 9.200 min
Delta R.T.: -0.006 min
Response: 2614859
Conc: 2.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AIBLK023



#45 AR-1268-5

R.T.: 7.857 min
Delta R.T.: -0.002 min
Response: 1736543
Conc: 1.20 ng/ml