

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080923\
 Data File : PP059268.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 15:29
 Operator : YP\AJ
 Sample : 03572-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 16:10:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.416	3.647	19773666	33487210	16.115	16.528
2)	SA Decachlor...	10.209	8.684	15196536	28286851	19.911	20.107
Target Compounds							
3)	L1 AR-1016-1	5.598	4.742	130227	382353	3.315	5.961 #
4)	L1 AR-1016-2	5.615	4.758	212296	362804	3.745	3.994
5)	L1 AR-1016-3	5.676	4.938	129933	87918	3.622	1.830 #
6)	L1 AR-1016-4	5.776	4.982	35978	108956	1.242	2.639 #
7)	L1 AR-1016-5	6.068	5.195	163559	177313	5.404	3.408 #
8)	L2 AR-1221-1	4.625	3.864	467199	855223	29.656	31.505
9)	L2 AR-1221-2	4.725	3.950	902926	1062831	76.461	53.382 #
10)	L2 AR-1221-3	4.789	4.026	1201993	1712571	34.135	28.766
11)	L3 AR-1232-1	4.789	4.026	1201993	1712571	40.889	36.093
12)	L3 AR-1232-2	5.326	4.758	101022	362804	6.481	8.553 #
13)	L3 AR-1232-3	5.615	4.938	212296	87918	8.040	3.962 #
14)	L3 AR-1232-4	5.776	5.024	35978	135667	2.718	6.425 #
15)	L3 AR-1232-5	5.868	5.195	97168	177313	8.513	7.735
16)	L4 AR-1242-1	5.598	4.742	130227	382353	3.804	6.832 #
17)	L4 AR-1242-2	5.615	4.758	212296	362804	4.326	4.550
18)	L4 AR-1242-3	5.676	4.938	129933	87918	4.136	2.063 #
19)	L4 AR-1242-4	5.776	5.024	35978	135667	1.403	3.107 #
20)	L4 AR-1242-5	6.519	5.548	135214	497769	5.234	10.021 #
21)	L5 AR-1248-1	5.598	4.742	130227	382353	5.131	9.294 #
22)	L5 AR-1248-2	5.868	4.982	97168	108956	2.510	1.809 #
23)	L5 AR-1248-3	6.068	5.024	163559	135667	3.872	2.202 #
24)	L5 AR-1248-4	6.481	5.195	106716	177313	2.563	2.463
25)	L5 AR-1248-5	6.519	5.588	135214	256270	3.315	3.884
26)	L6 AR-1254-1	6.455	5.548	255838	497769	5.477	4.913
27)	L6 AR-1254-2	6.679	5.695	232819	200700	3.384	2.273 #
28)	L6 AR-1254-3	7.043	6.100	189468	86479	2.745	0.626 #
29)	L6 AR-1254-4	7.324	6.335	45970	90983	1.021	1.132
30)	L6 AR-1254-5	7.749	6.751	96807	13457	2.060	0.113 #
31)	L7 AR-1260-1	7.211	6.228	40184	138175	0.735	1.395 #
32)	L7 AR-1260-2	7.470	6.422	38152	46160	0.641	0.399 #
33)	L7 AR-1260-3	7.822	6.575	71409	55583	1.814	0.500 #
34)	L7 AR-1260-4	8.050	7.062	26209	198211	0.590	2.286 #
35)	L7 AR-1260-5	8.377	7.297	23308	126417	0.291	0.686 #
36)	L8 AR-1262-1	7.822	6.835	71409	22822	1.121	0.397 #
37)	L8 AR-1262-2	8.377	7.062	23308	198211	0.254	1.680 #
38)	L8 AR-1262-3	8.681	7.583	12619	15934	0.196	0.187
39)	L8 AR-1262-4	8.768	7.638	35373	70250	1.065	0.465 #
40)	L8 AR-1262-5	9.441	8.141	50806	51304	1.703	0.804 #
41)	L9 AR-1268-1	8.681	7.583	12619	15934	0.111	0.065 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080923\
 Data File : PP059268.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 15:29
 Operator : YP\AJ
 Sample : 03572-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 13 Sample Multiplier: 1

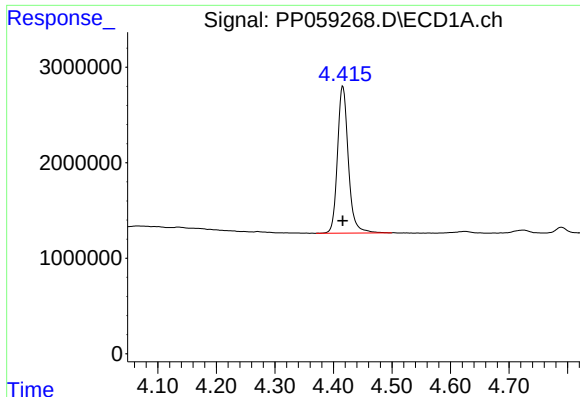
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 16:10:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
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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	8.789	7.638	21124	70250	0.215	0.321 #
43) L9	AR-1268-3	9.010	7.851	61020	28378	0.658	0.145 #
44) L9	AR-1268-4	9.441	8.141	50806	51304	1.593	0.737 #
45) L9	AR-1268-5	9.861	8.434	45399	89684	0.167	0.173

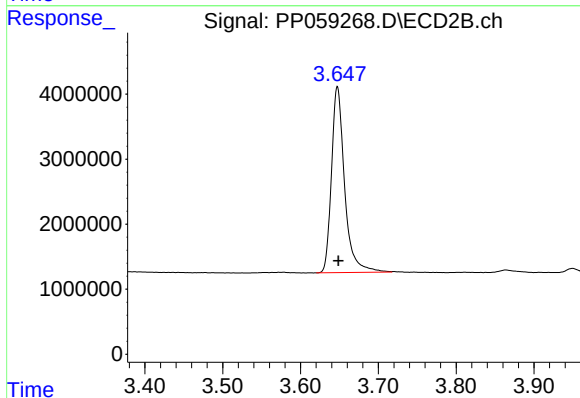
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

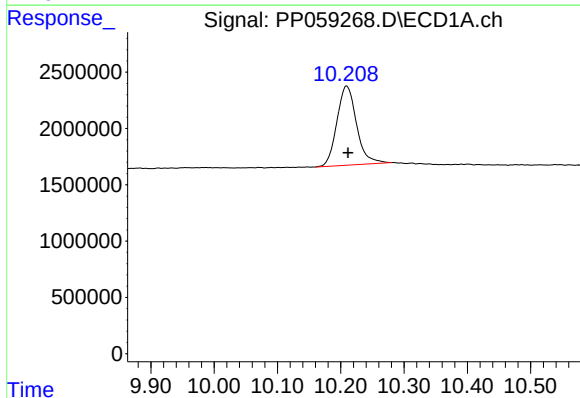
R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 19773666
Conc: 16.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



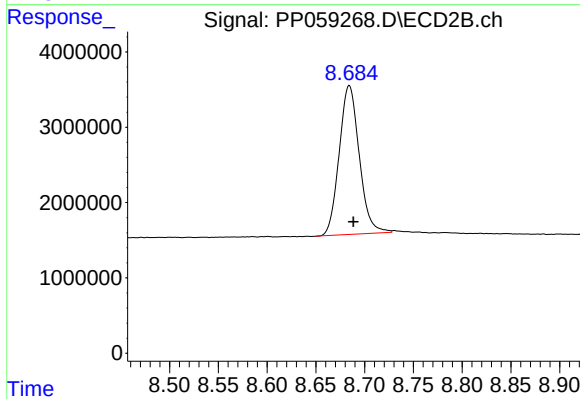
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.001 min
Response: 33487210
Conc: 16.53 ng/ml



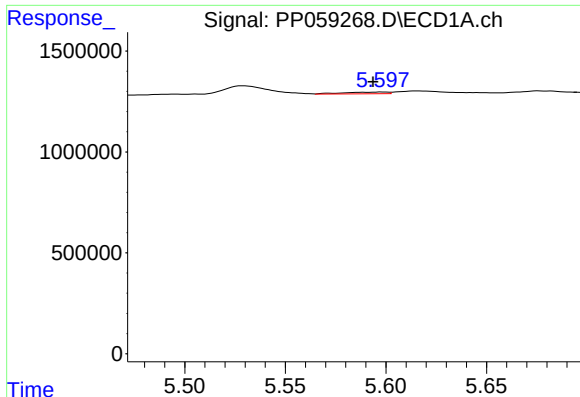
#2 Decachlorobiphenyl

R.T.: 10.209 min
Delta R.T.: -0.002 min
Response: 15196536
Conc: 19.91 ng/ml



#2 Decachlorobiphenyl

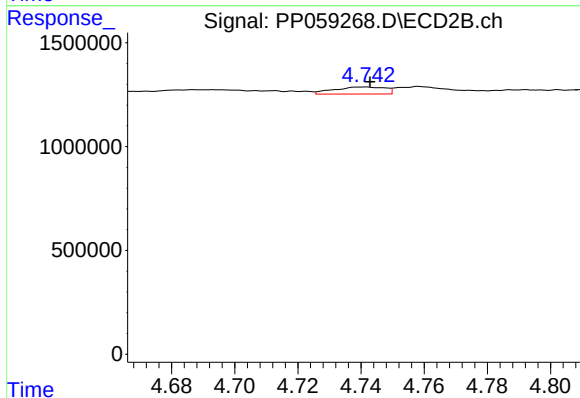
R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 28286851
Conc: 20.11 ng/ml



#3 AR-1016-1

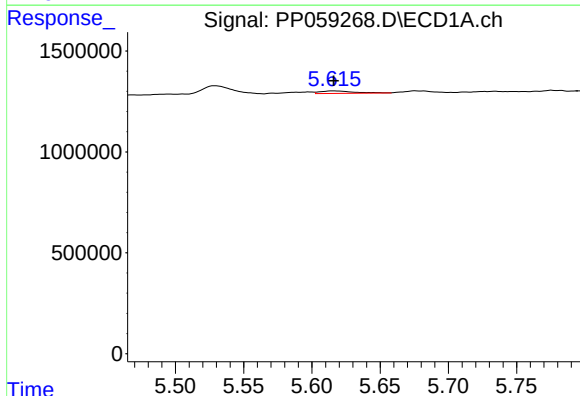
R.T.: 5.598 min
Delta R.T.: 0.005 min
Response: 130227
Conc: 3.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



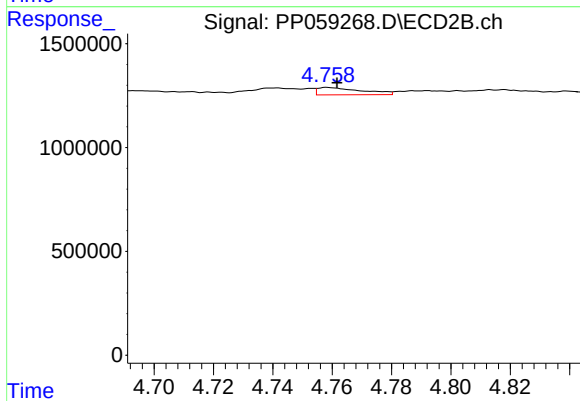
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 382353
Conc: 5.96 ng/ml



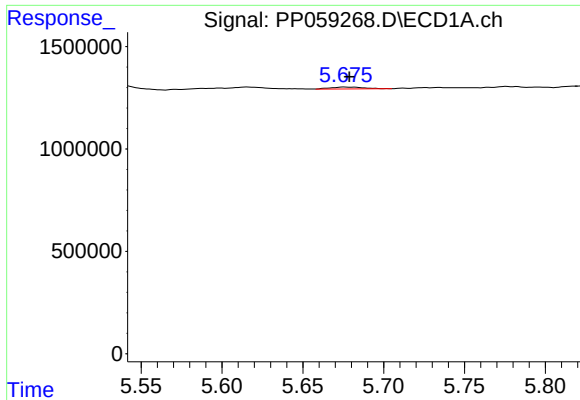
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 212296
Conc: 3.75 ng/ml



#4 AR-1016-2

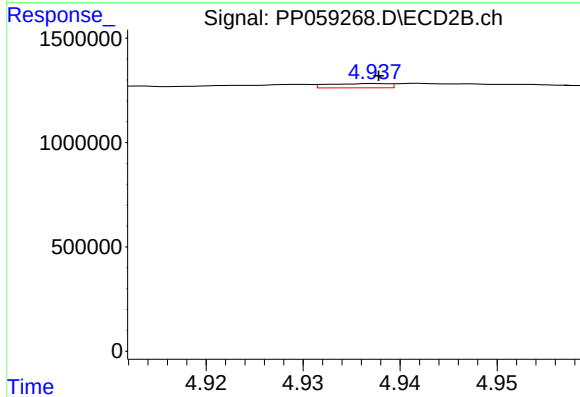
R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 362804
Conc: 3.99 ng/ml



#5 AR-1016-3

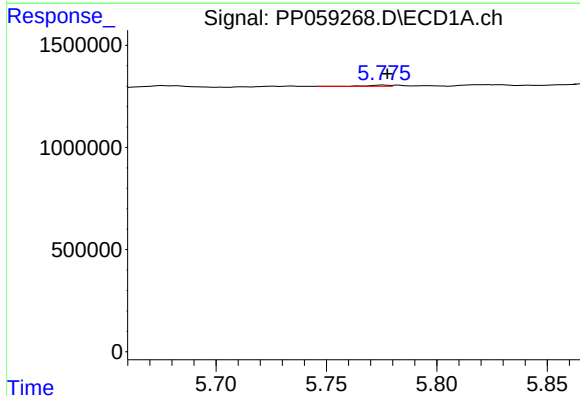
R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 129933
Conc: 3.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



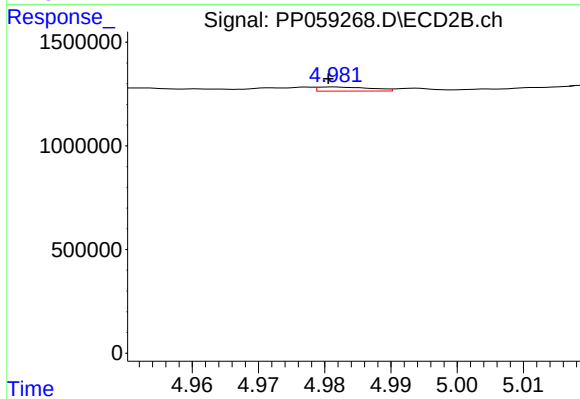
#5 AR-1016-3

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 87918
Conc: 1.83 ng/ml



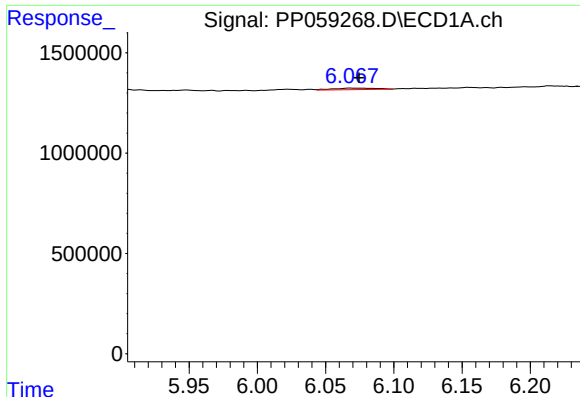
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 35978
Conc: 1.24 ng/ml



#6 AR-1016-4

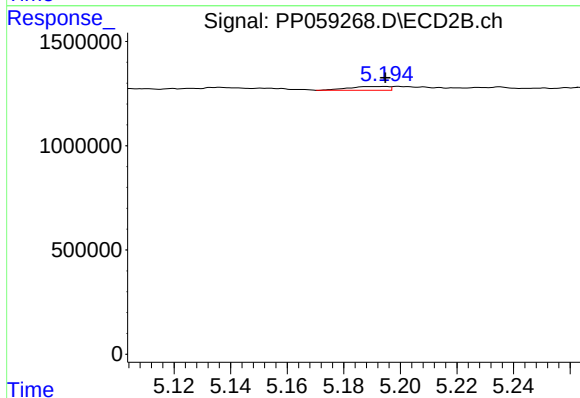
R.T.: 4.982 min
Delta R.T.: 0.001 min
Response: 108956
Conc: 2.64 ng/ml



#7 AR-1016-5

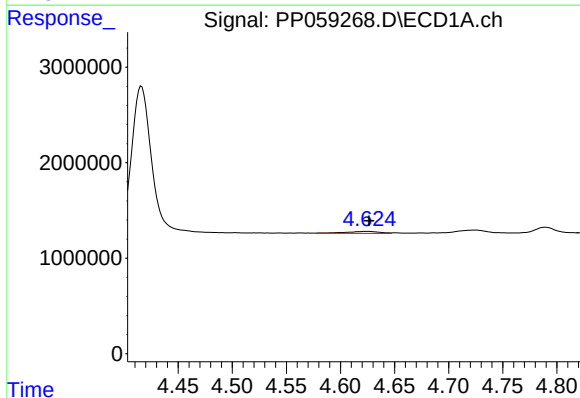
R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 163559
Conc: 5.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



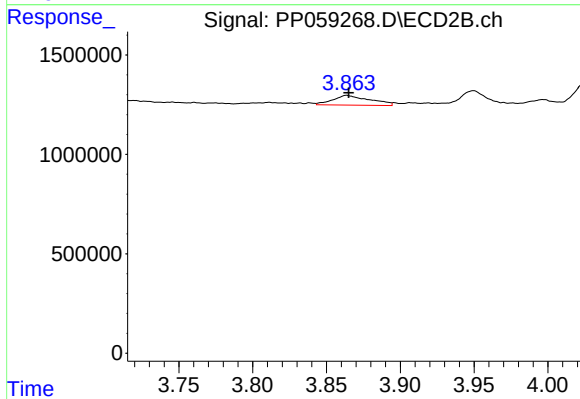
#7 AR-1016-5

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 177313
Conc: 3.41 ng/ml



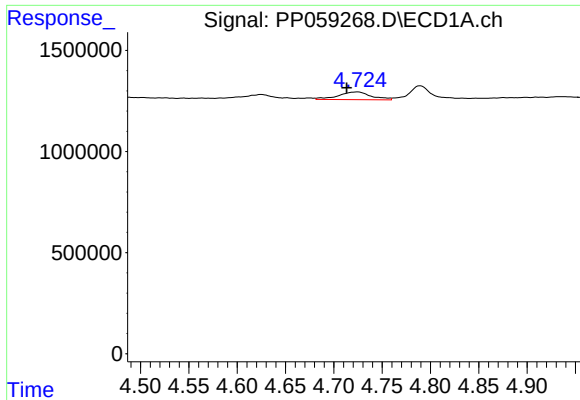
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 467199
Conc: 29.66 ng/ml



#8 AR-1221-1

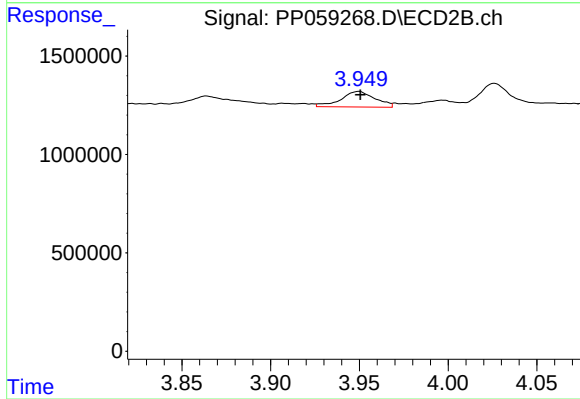
R.T.: 3.864 min
Delta R.T.: -0.001 min
Response: 855223
Conc: 31.50 ng/ml



#9 AR-1221-2

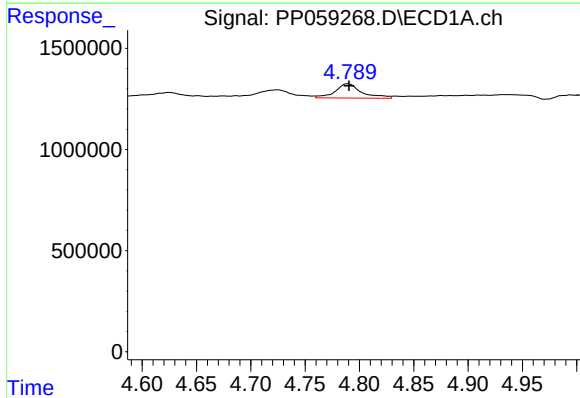
R.T.: 4.725 min
Delta R.T.: 0.011 min
Response: 902926
Conc: 76.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



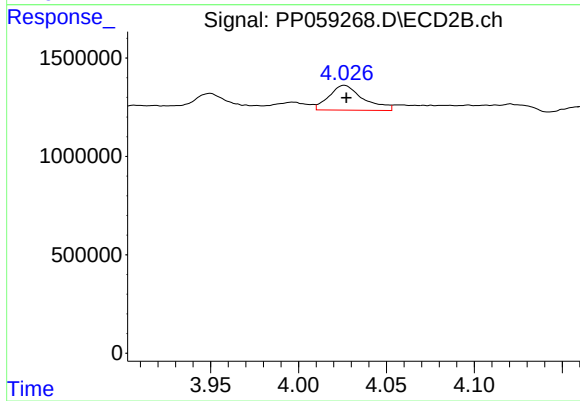
#9 AR-1221-2

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 1062831
Conc: 53.38 ng/ml



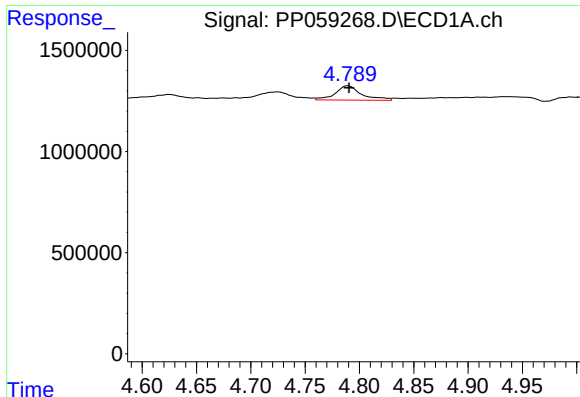
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 1201993
Conc: 34.13 ng/ml



#10 AR-1221-3

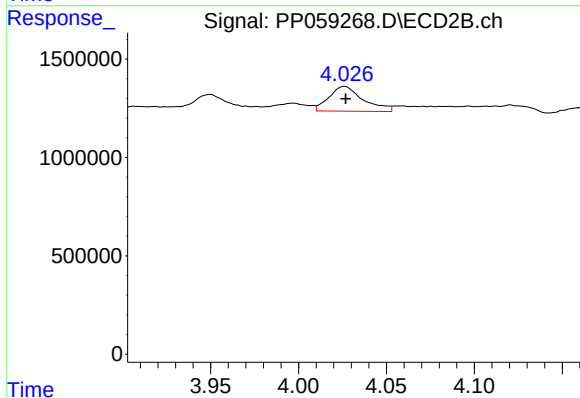
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 1712571
Conc: 28.77 ng/ml



#11 AR-1232-1

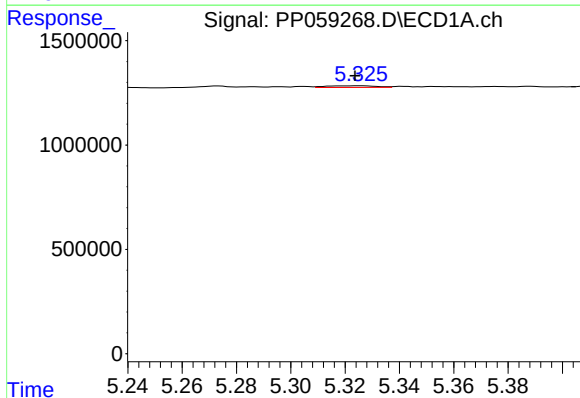
R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 1201993
Conc: 40.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



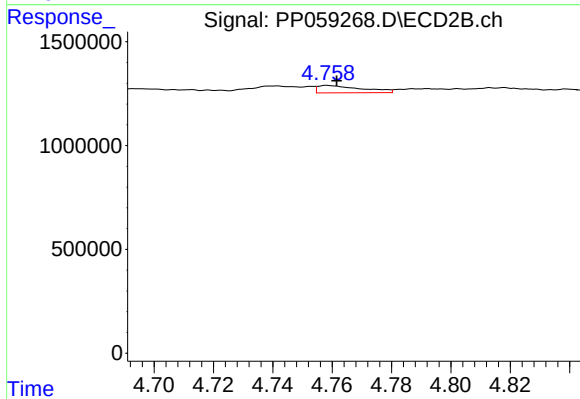
#11 AR-1232-1

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 1712571
Conc: 36.09 ng/ml



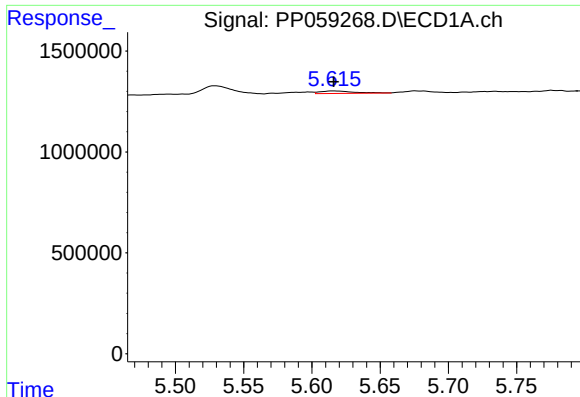
#12 AR-1232-2

R.T.: 5.326 min
Delta R.T.: 0.002 min
Response: 101022
Conc: 6.48 ng/ml



#12 AR-1232-2

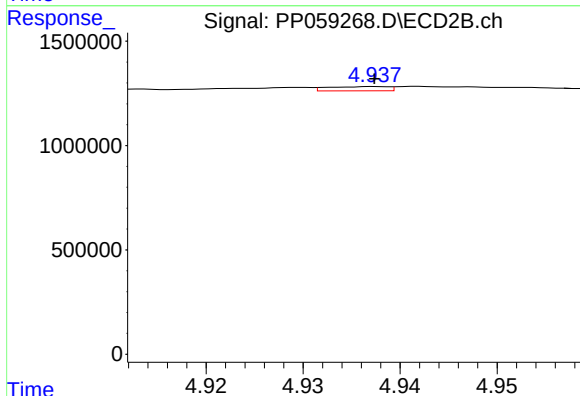
R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 362804
Conc: 8.55 ng/ml



#13 AR-1232-3

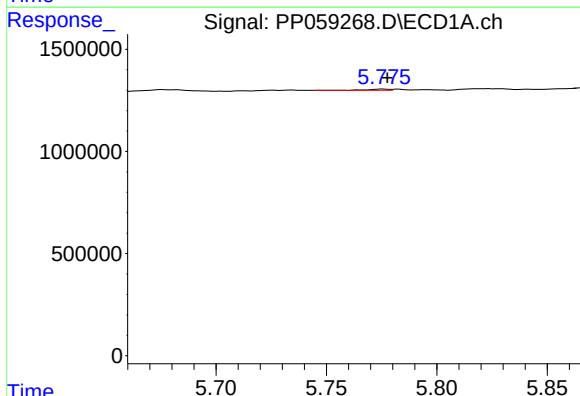
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 212296
Conc: 8.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



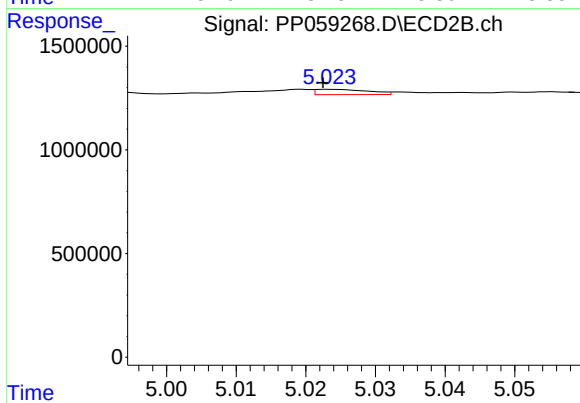
#13 AR-1232-3

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 87918
Conc: 3.96 ng/ml



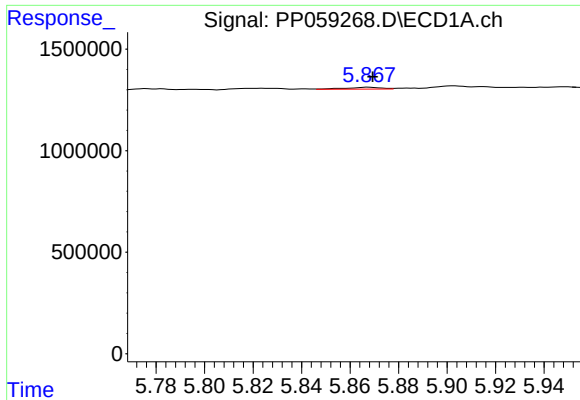
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 35978
Conc: 2.72 ng/ml



#14 AR-1232-4

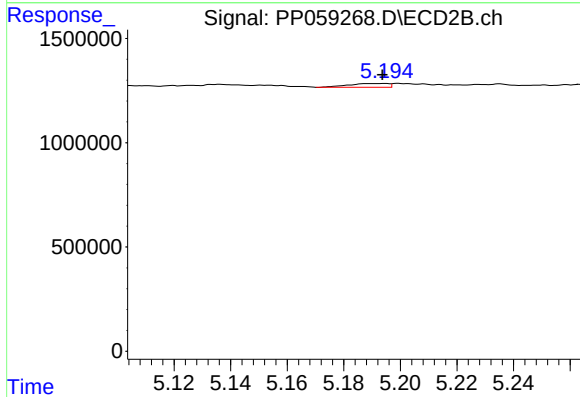
R.T.: 5.024 min
Delta R.T.: 0.001 min
Response: 135667
Conc: 6.43 ng/ml



#15 AR-1232-5

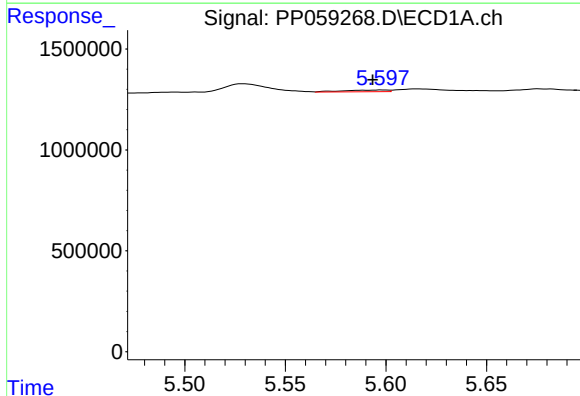
R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 97168
Conc: 8.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



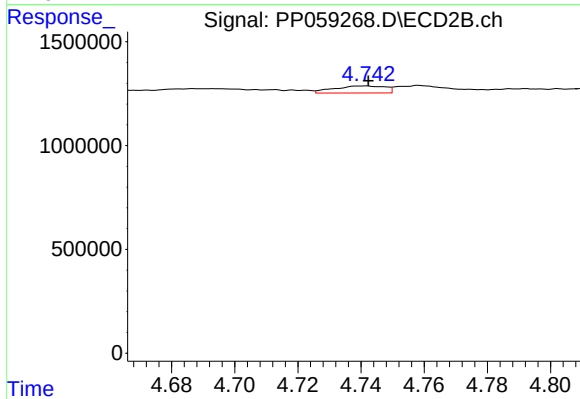
#15 AR-1232-5

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 177313
Conc: 7.74 ng/ml



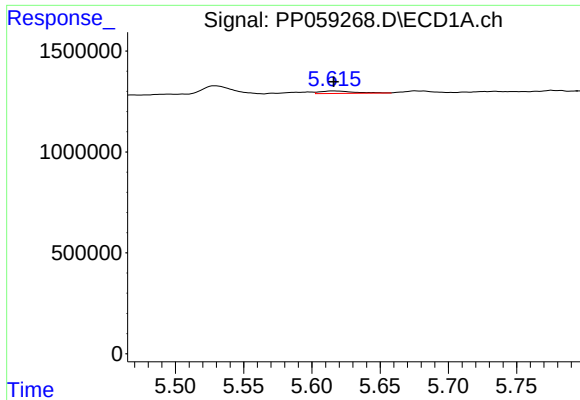
#16 AR-1242-1

R.T.: 5.598 min
Delta R.T.: 0.005 min
Response: 130227
Conc: 3.80 ng/ml



#16 AR-1242-1

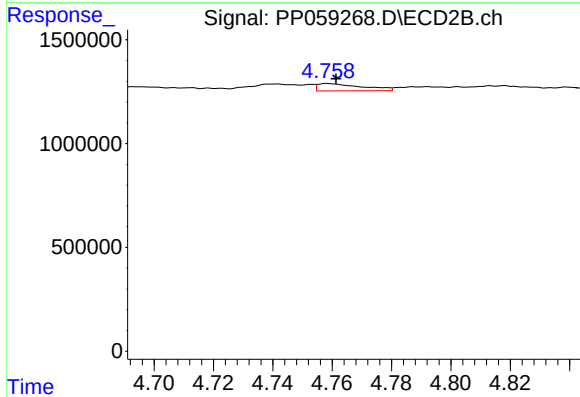
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 382353
Conc: 6.83 ng/ml



#17 AR-1242-2

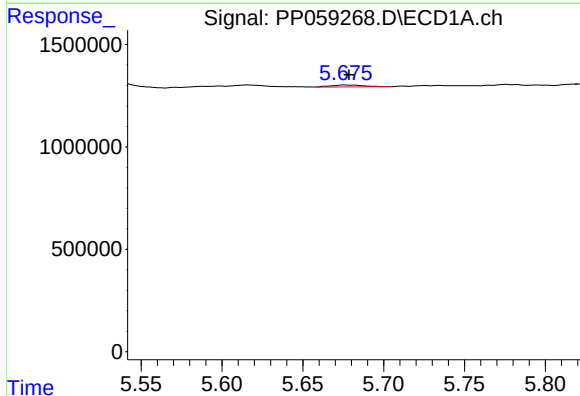
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 212296
Conc: 4.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



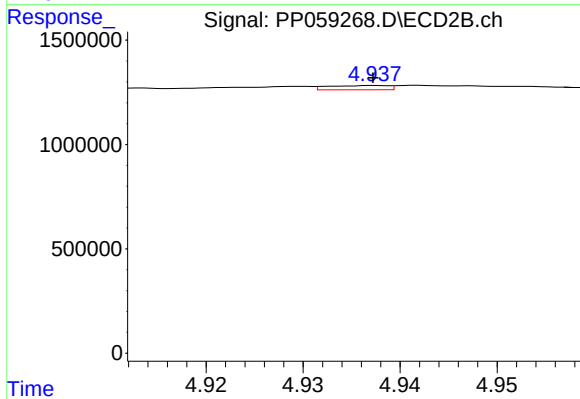
#17 AR-1242-2

R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 362804
Conc: 4.55 ng/ml



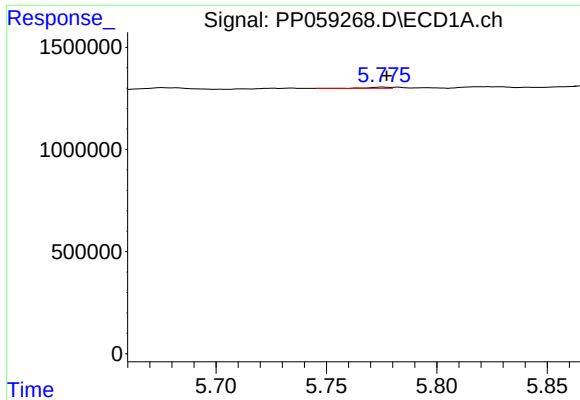
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 129933
Conc: 4.14 ng/ml



#18 AR-1242-3

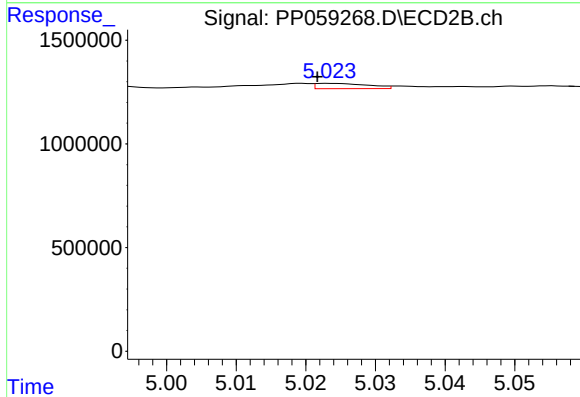
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 87918
Conc: 2.06 ng/ml



#19 AR-1242-4

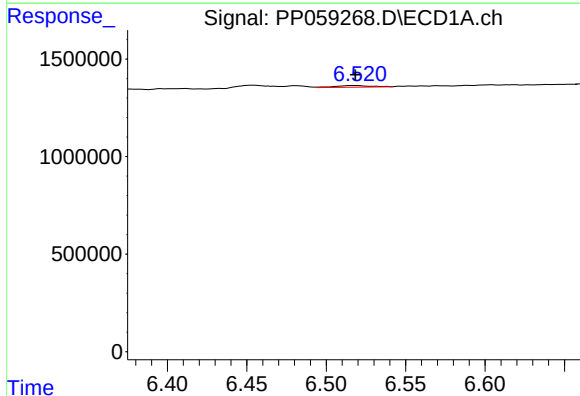
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 35978
Conc: 1.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



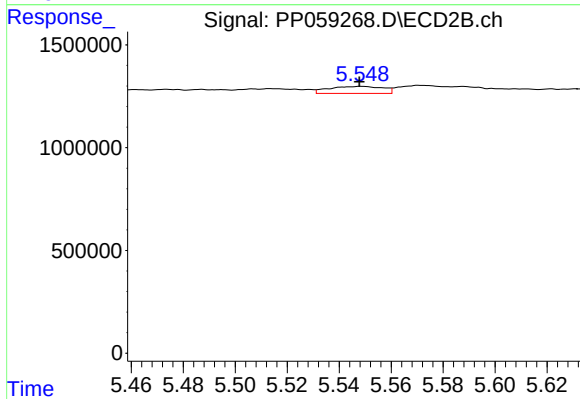
#19 AR-1242-4

R.T.: 5.024 min
Delta R.T.: 0.002 min
Response: 135667
Conc: 3.11 ng/ml



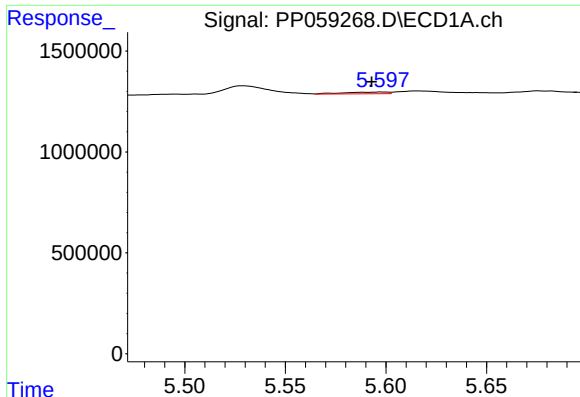
#20 AR-1242-5

R.T.: 6.519 min
Delta R.T.: 0.001 min
Response: 135214
Conc: 5.23 ng/ml



#20 AR-1242-5

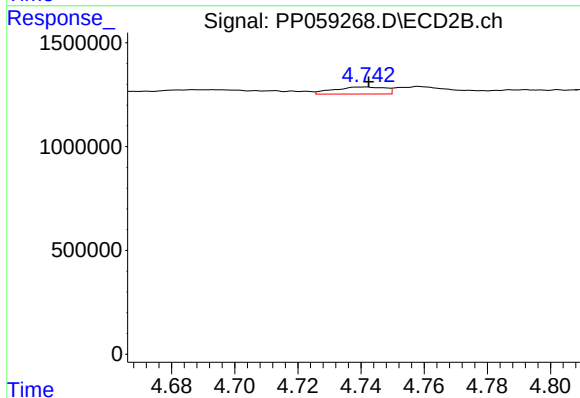
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 497769
Conc: 10.02 ng/ml



#21 AR-1248-1

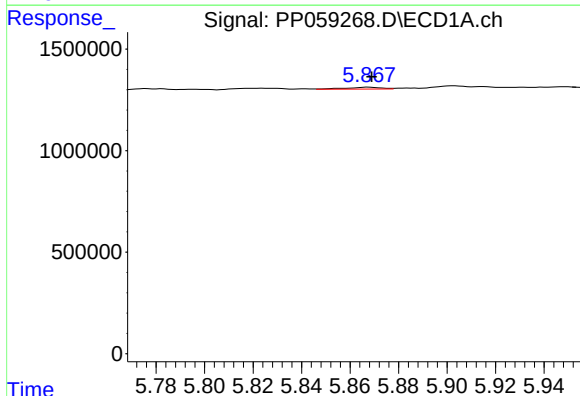
R.T.: 5.598 min
Delta R.T.: 0.006 min
Response: 130227
Conc: 5.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



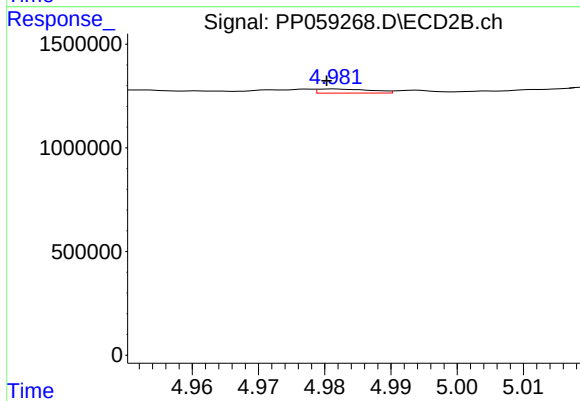
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 382353
Conc: 9.29 ng/ml



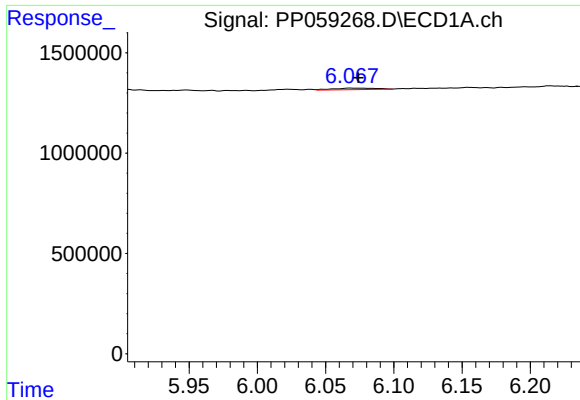
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 97168
Conc: 2.51 ng/ml



#22 AR-1248-2

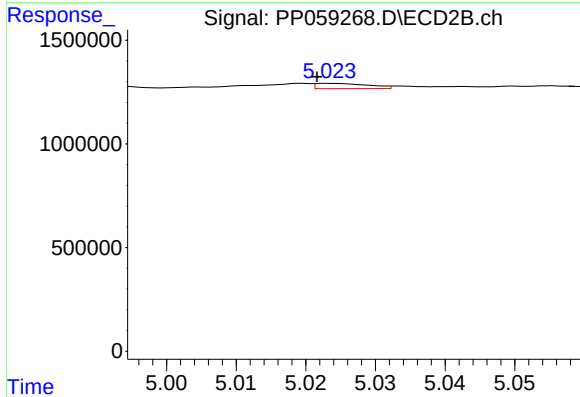
R.T.: 4.982 min
Delta R.T.: 0.001 min
Response: 108956
Conc: 1.81 ng/ml



#23 AR-1248-3

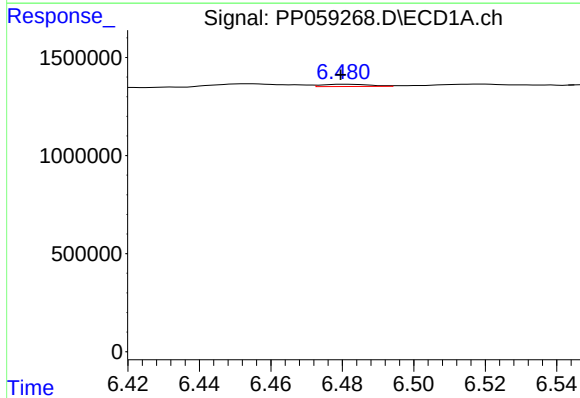
R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 163559
Conc: 3.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



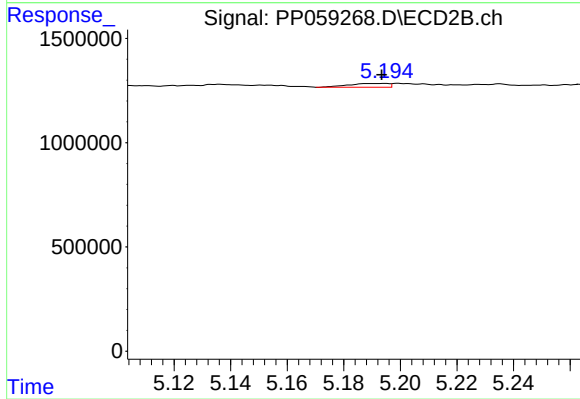
#23 AR-1248-3

R.T.: 5.024 min
Delta R.T.: 0.002 min
Response: 135667
Conc: 2.20 ng/ml



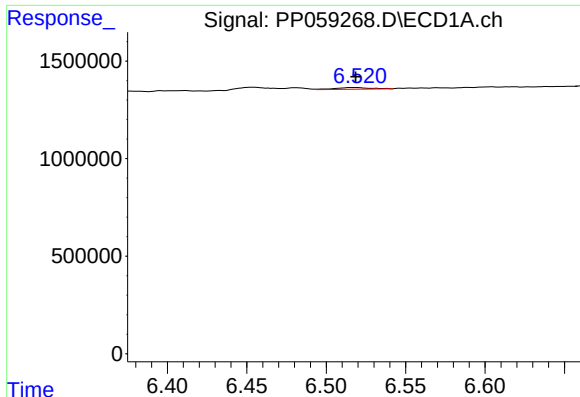
#24 AR-1248-4

R.T.: 6.481 min
Delta R.T.: 0.001 min
Response: 106716
Conc: 2.56 ng/ml



#24 AR-1248-4

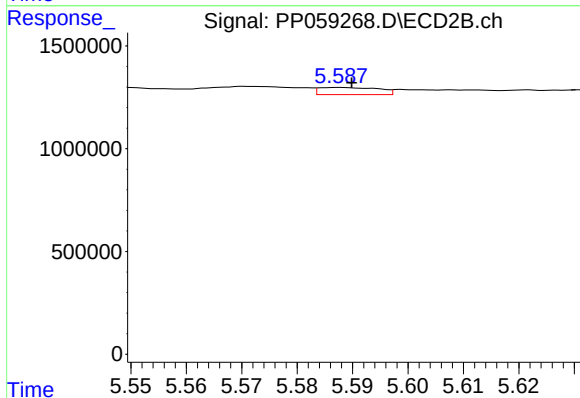
R.T.: 5.195 min
Delta R.T.: 0.001 min
Response: 177313
Conc: 2.46 ng/ml



#25 AR-1248-5

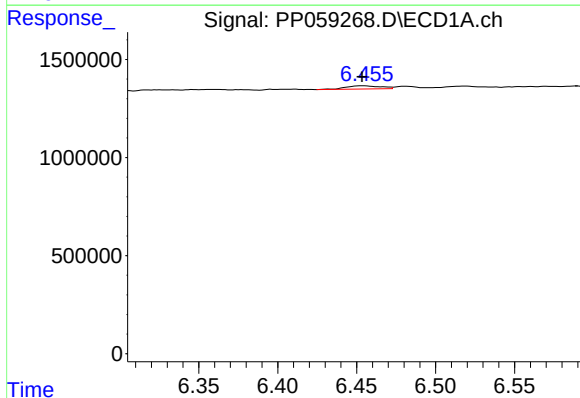
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 135214
Conc: 3.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



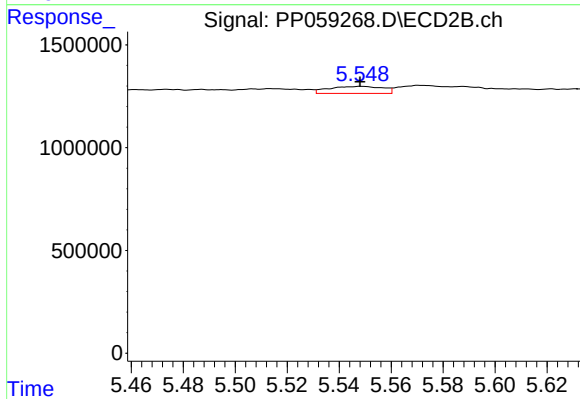
#25 AR-1248-5

R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 256270
Conc: 3.88 ng/ml



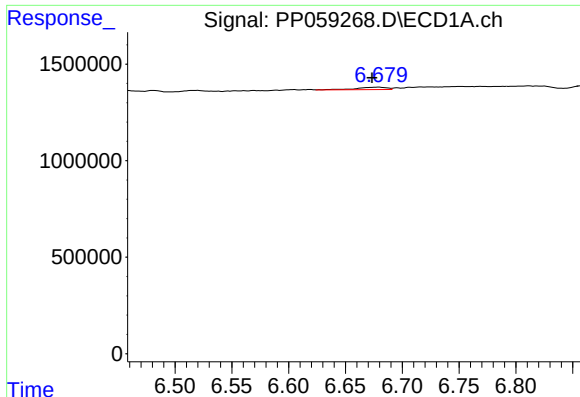
#26 AR-1254-1

R.T.: 6.455 min
Delta R.T.: 0.001 min
Response: 255838
Conc: 5.48 ng/ml



#26 AR-1254-1

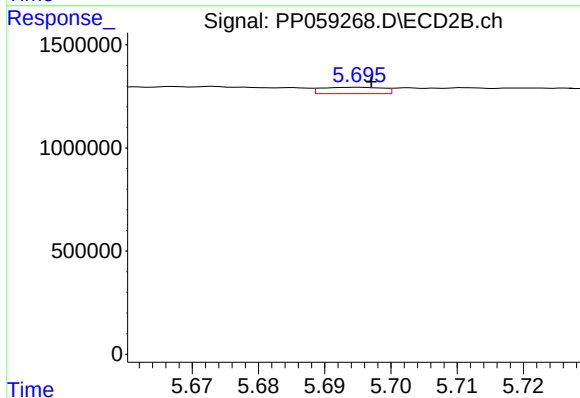
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 497769
Conc: 4.91 ng/ml



#27 AR-1254-2

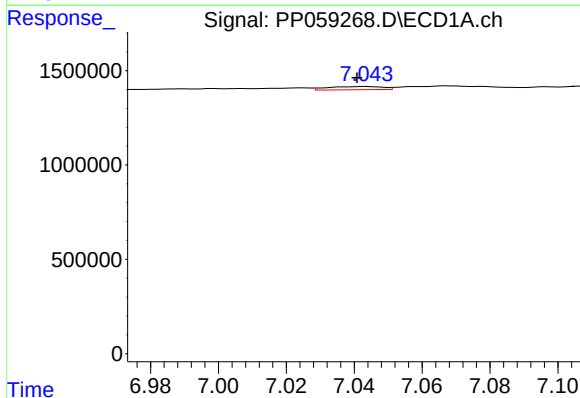
R.T.: 6.679 min
Delta R.T.: 0.006 min
Response: 232819
Conc: 3.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



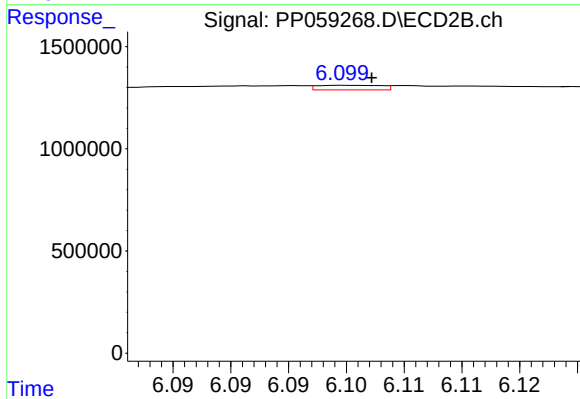
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 200700
Conc: 2.27 ng/ml



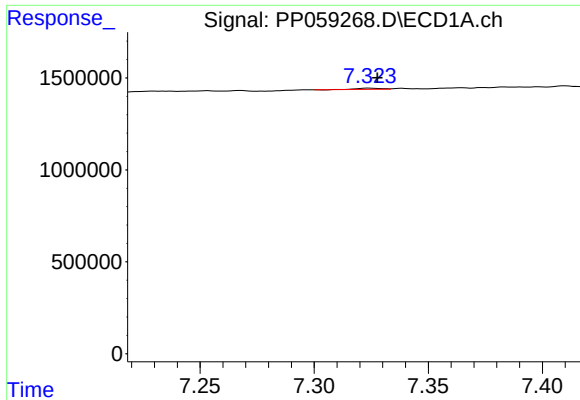
#28 AR-1254-3

R.T.: 7.043 min
Delta R.T.: 0.003 min
Response: 189468
Conc: 2.75 ng/ml



#28 AR-1254-3

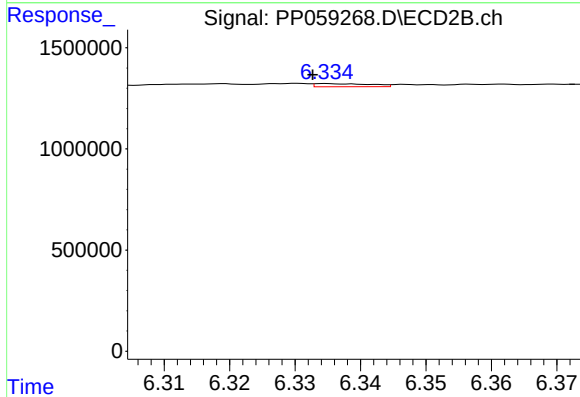
R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 86479
Conc: 0.63 ng/ml



#29 AR-1254-4

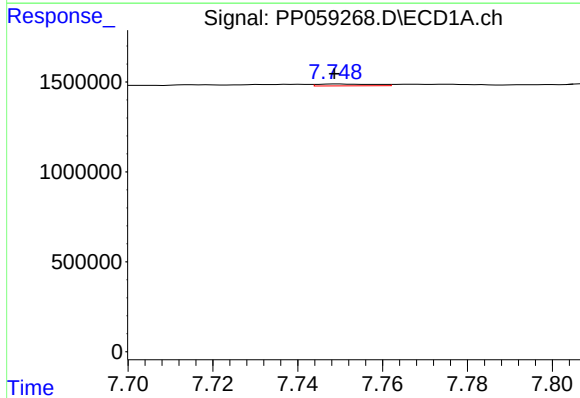
R.T.: 7.324 min
Delta R.T.: -0.004 min
Response: 45970
Conc: 1.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



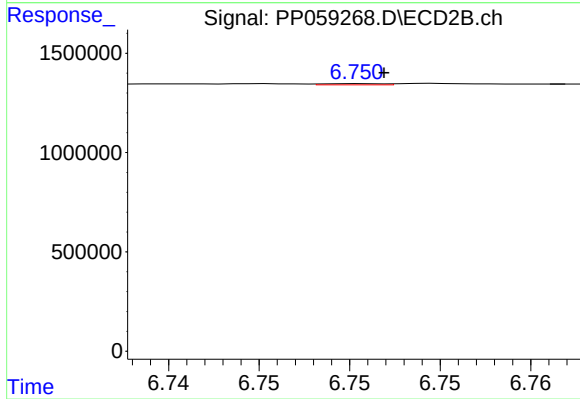
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.002 min
Response: 90983
Conc: 1.13 ng/ml



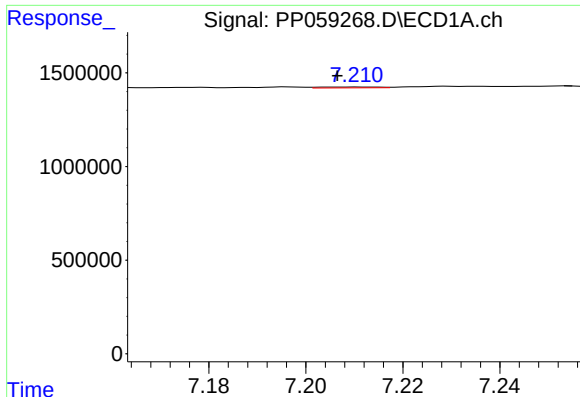
#30 AR-1254-5

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 96807
Conc: 2.06 ng/ml



#30 AR-1254-5

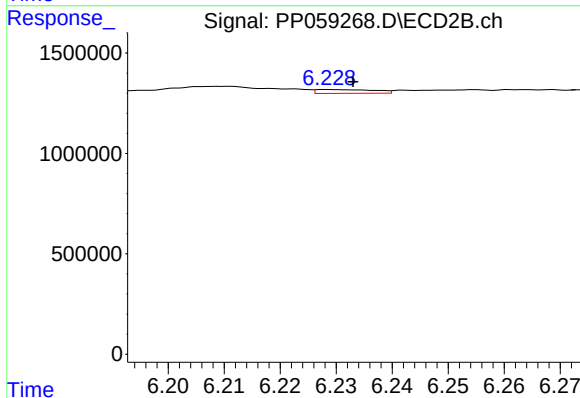
R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 13457
Conc: 0.11 ng/ml



#31 AR-1260-1

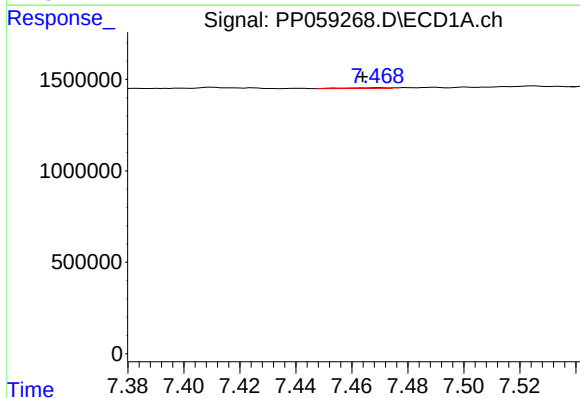
R.T.: 7.211 min
Delta R.T.: 0.005 min
Response: 40184
Conc: 0.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



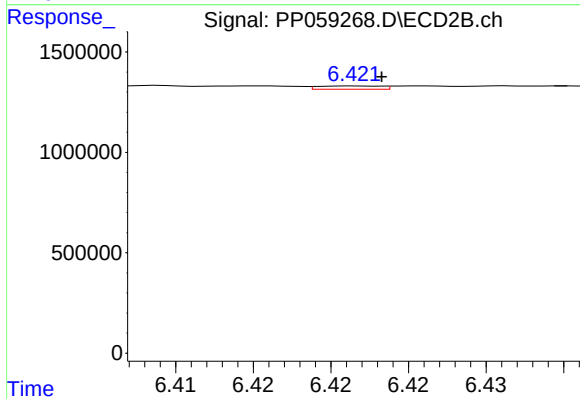
#31 AR-1260-1

R.T.: 6.228 min
Delta R.T.: -0.005 min
Response: 138175
Conc: 1.40 ng/ml



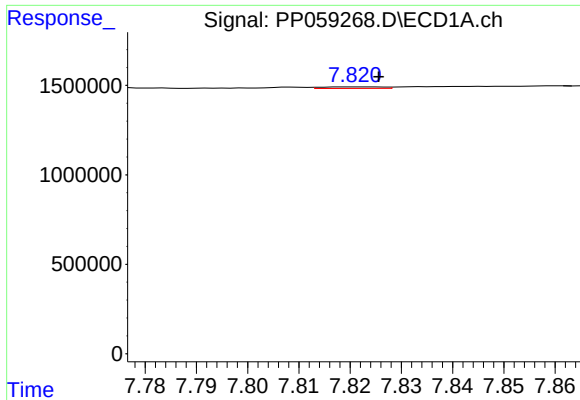
#32 AR-1260-2

R.T.: 7.470 min
Delta R.T.: 0.006 min
Response: 38152
Conc: 0.64 ng/ml



#32 AR-1260-2

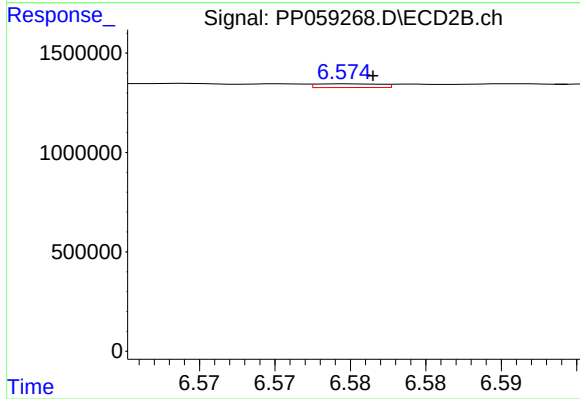
R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 46160
Conc: 0.40 ng/ml



#33 AR-1260-3

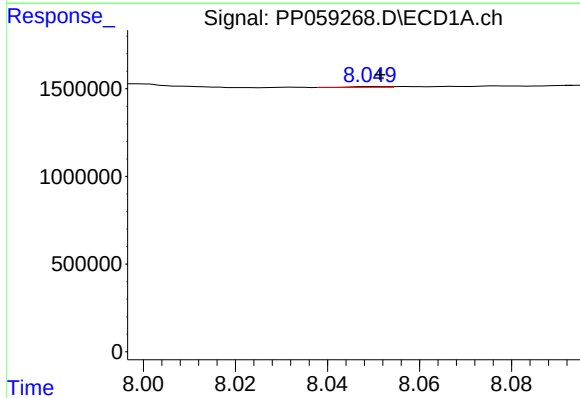
R.T.: 7.822 min
Delta R.T.: -0.004 min
Response: 71409
Conc: 1.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



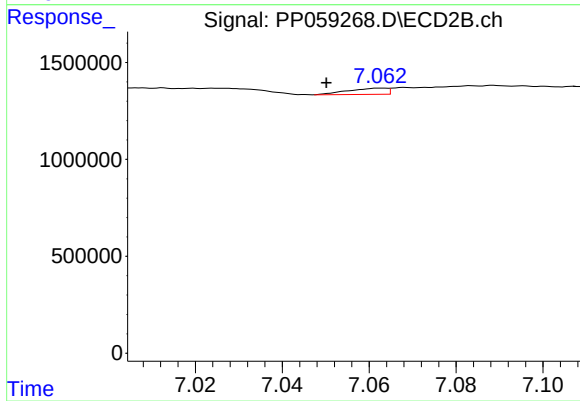
#33 AR-1260-3

R.T.: 6.575 min
Delta R.T.: -0.002 min
Response: 55583
Conc: 0.50 ng/ml



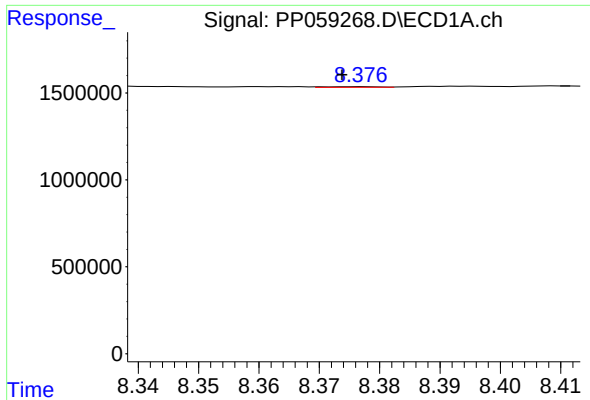
#34 AR-1260-4

R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 26209
Conc: 0.59 ng/ml



#34 AR-1260-4

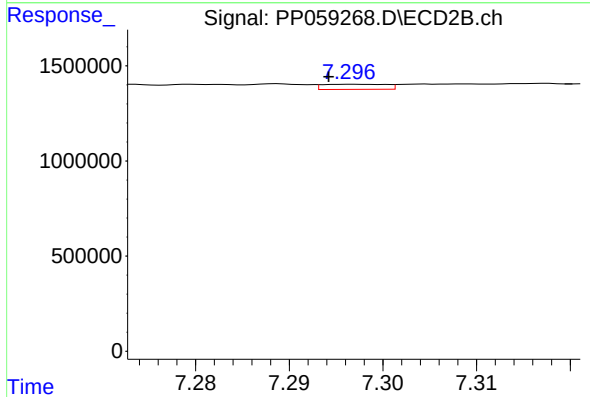
R.T.: 7.062 min
Delta R.T.: 0.012 min
Response: 198211
Conc: 2.29 ng/ml



#35 AR-1260-5

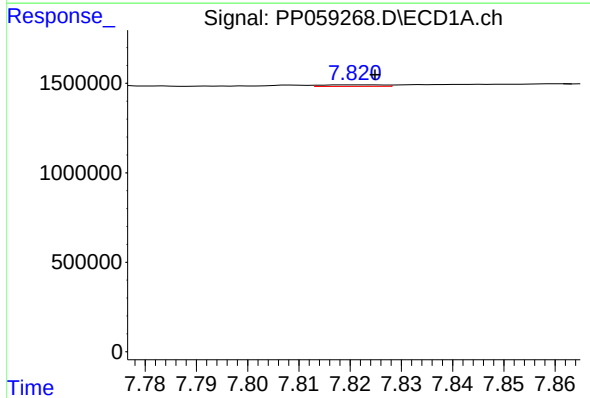
R.T.: 8.377 min
Delta R.T.: 0.003 min
Response: 23308
Conc: 0.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



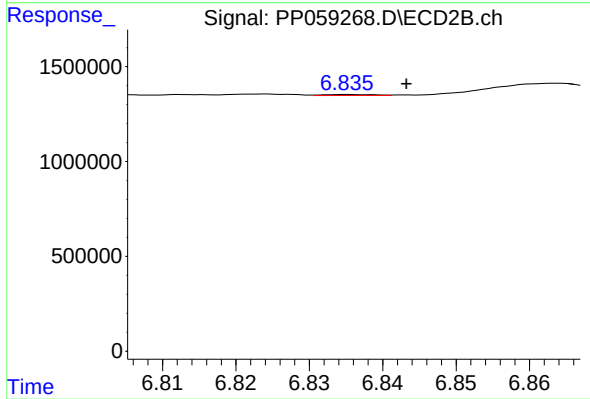
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.002 min
Response: 126417
Conc: 0.69 ng/ml



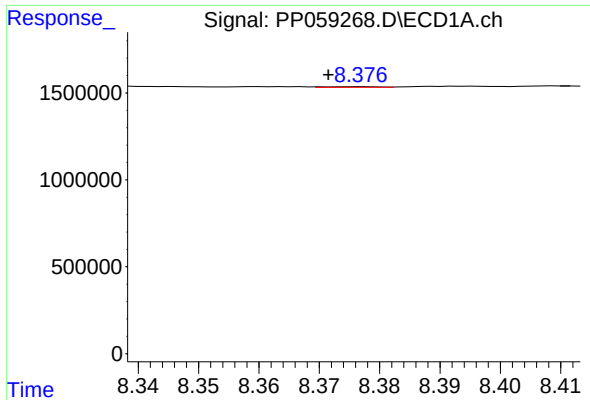
#36 AR-1262-1

R.T.: 7.822 min
Delta R.T.: -0.003 min
Response: 71409
Conc: 1.12 ng/ml



#36 AR-1262-1

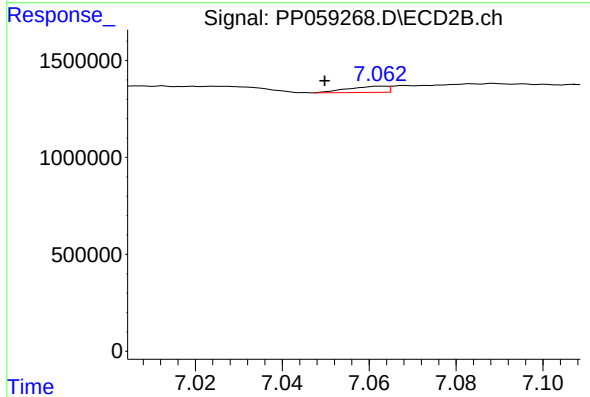
R.T.: 6.835 min
Delta R.T.: -0.008 min
Response: 22822
Conc: 0.40 ng/ml



#37 AR-1262-2

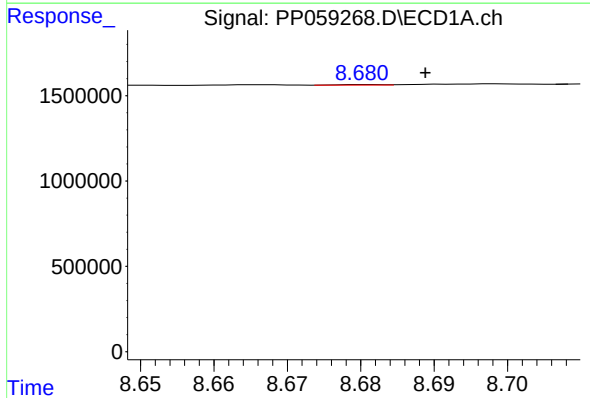
R.T.: 8.377 min
Delta R.T.: 0.005 min
Response: 23308
Conc: 0.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



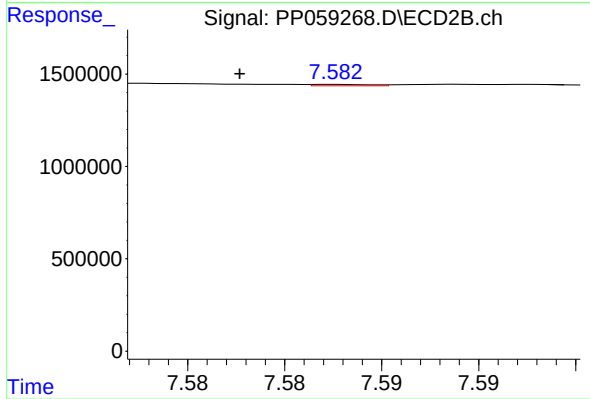
#37 AR-1262-2

R.T.: 7.062 min
Delta R.T.: 0.013 min
Response: 198211
Conc: 1.68 ng/ml



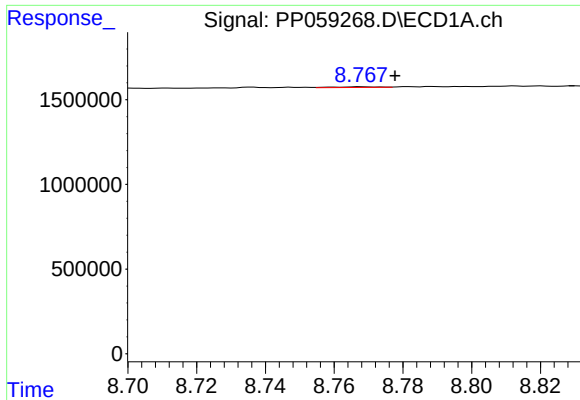
#38 AR-1262-3

R.T.: 8.681 min
Delta R.T.: -0.008 min
Response: 12619
Conc: 0.20 ng/ml



#38 AR-1262-3

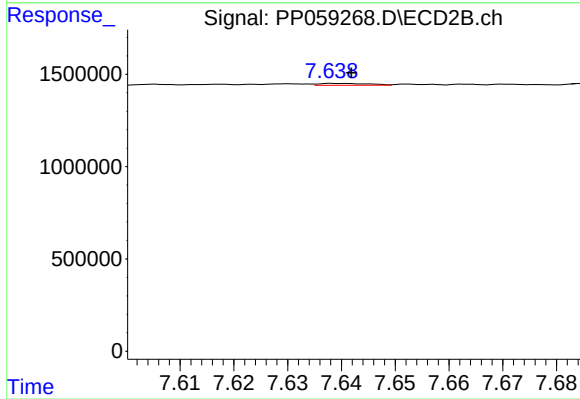
R.T.: 7.583 min
Delta R.T.: 0.005 min
Response: 15934
Conc: 0.19 ng/ml



#39 AR-1262-4

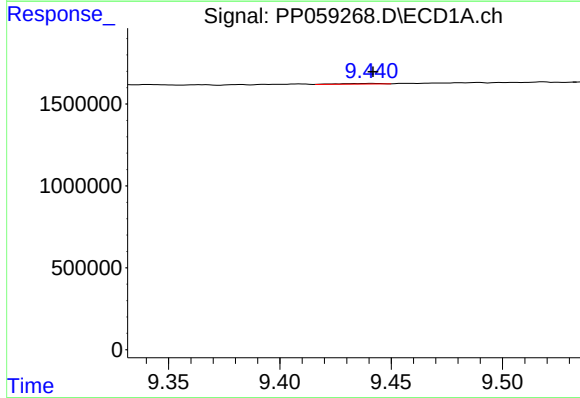
R.T.: 8.768 min
Delta R.T.: -0.010 min
Response: 35373
Conc: 1.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



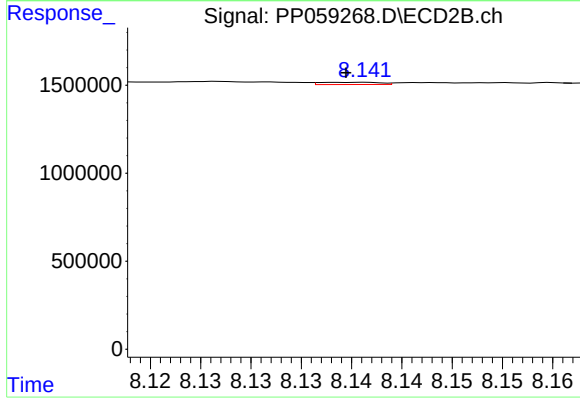
#39 AR-1262-4

R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 70250
Conc: 0.47 ng/ml



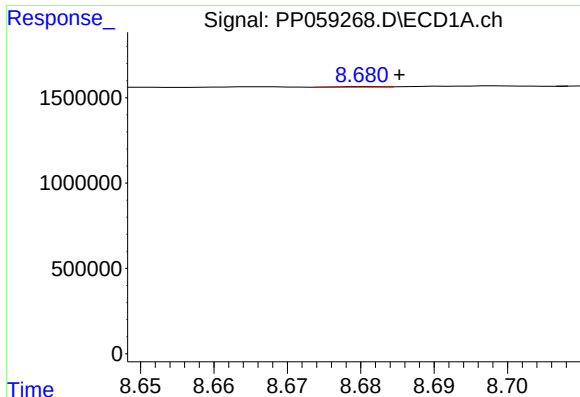
#40 AR-1262-5

R.T.: 9.441 min
Delta R.T.: 0.000 min
Response: 50806
Conc: 1.70 ng/ml



#40 AR-1262-5

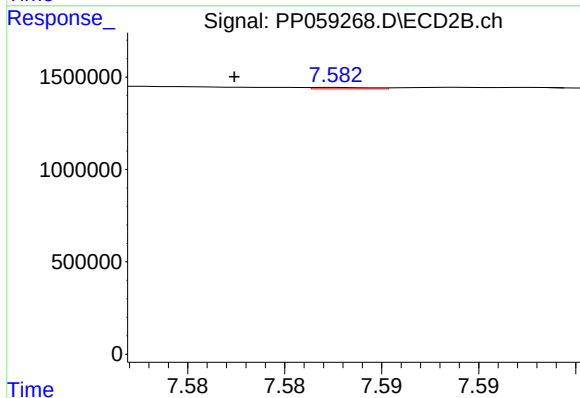
R.T.: 8.141 min
Delta R.T.: 0.002 min
Response: 51304
Conc: 0.80 ng/ml



#41 AR-1268-1

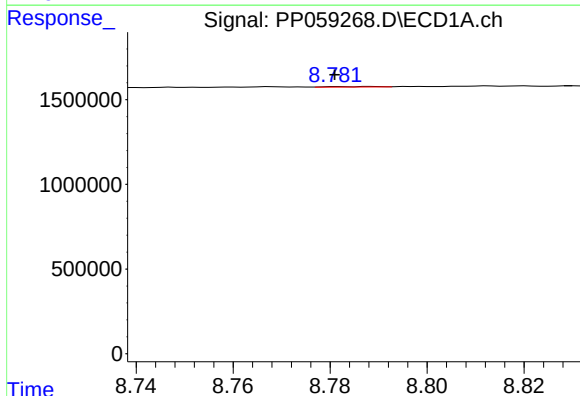
R.T.: 8.681 min
Delta R.T.: -0.005 min
Response: 12619
Conc: 0.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



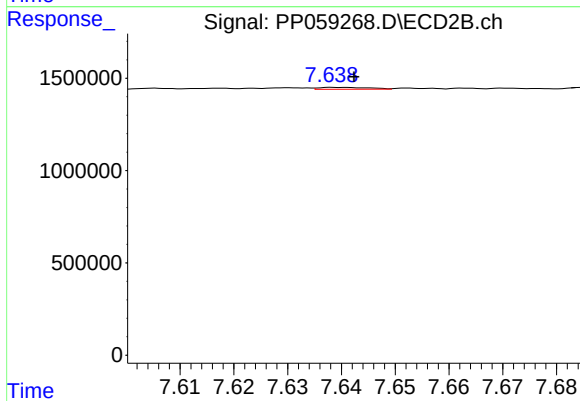
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: 0.005 min
Response: 15934
Conc: 0.07 ng/ml



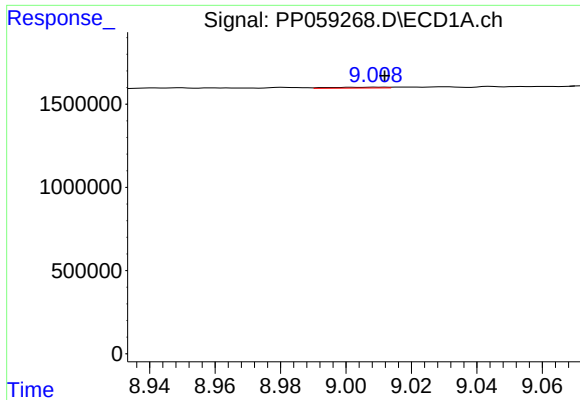
#42 AR-1268-2

R.T.: 8.789 min
Delta R.T.: 0.008 min
Response: 21124
Conc: 0.21 ng/ml



#42 AR-1268-2

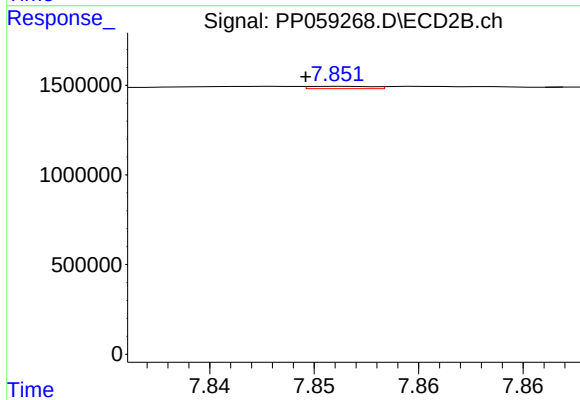
R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 70250
Conc: 0.32 ng/ml



#43 AR-1268-3

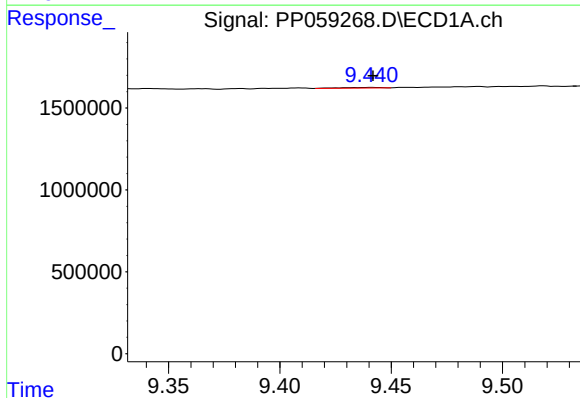
R.T.: 9.010 min
Delta R.T.: -0.002 min
Response: 61020
Conc: 0.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



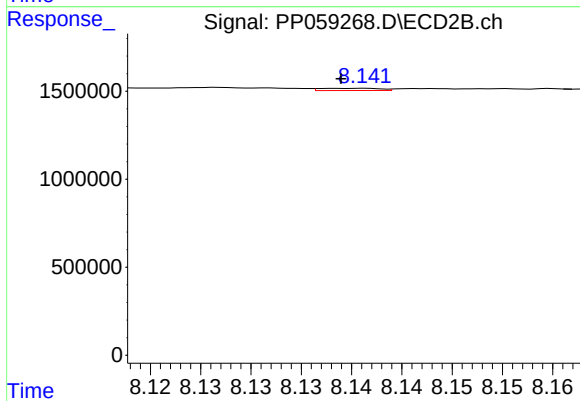
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.002 min
Response: 28378
Conc: 0.15 ng/ml



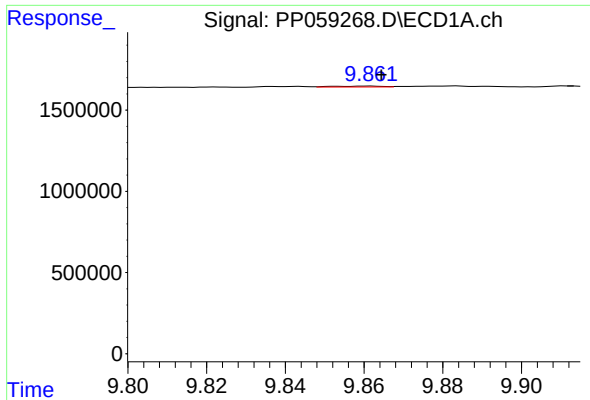
#44 AR-1268-4

R.T.: 9.441 min
Delta R.T.: 0.000 min
Response: 50806
Conc: 1.59 ng/ml



#44 AR-1268-4

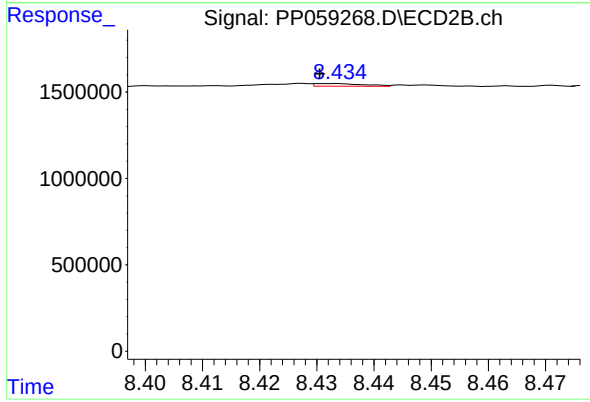
R.T.: 8.141 min
Delta R.T.: 0.002 min
Response: 51304
Conc: 0.74 ng/ml



#45 AR-1268-5

R.T.: 9.861 min
Delta R.T.: -0.003 min
Response: 45399
Conc: 0.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.434 min
Delta R.T.: 0.003 min
Response: 89684
Conc: 0.17 ng/ml