

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092723\
 Data File : PP060304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 15:31
 Operator : YP\AJ
 Sample : PB155878BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 16:45:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.533	3.686	42774528	29956196	19.100	20.125
2)	SA Decachlor...	10.459	8.752	36371296	32636843	20.601	20.008
Target Compounds							
3)	L1 AR-1016-1	0.000	4.800f	0	21302	N.D.	0.367 #
4)	L1 AR-1016-2	0.000	4.800	0	21302	N.D.	0.265 #
5)	L1 AR-1016-3	0.000	4.982	0	18662	N.D.	0.418 #
6)	L1 AR-1016-4	0.000	5.040f	0	17313	N.D.	0.481 #
7)	L1 AR-1016-5	0.000	5.231	0	18128	N.D.	0.373 #
8)	L2 AR-1221-1	0.000	3.892	0	26992	N.D.	1.292 #
9)	L2 AR-1221-2	4.844	3.989	1015281	461214	47.521	30.931 #
10)	L2 AR-1221-3	0.000	4.063	0	19551	N.D.	0.445 #
11)	L3 AR-1232-1	0.000	4.063	0	19551	N.D.	0.537 #
12)	L3 AR-1232-2	0.000	4.800	0	21302	N.D.	0.584 #
13)	L3 AR-1232-3	0.000	4.982	0	18662	N.D.	0.932 #
14)	L3 AR-1232-4	0.000	5.069	0	19872	N.D.	1.065 #
15)	L3 AR-1232-5	0.000	5.231	0	18128	N.D.	0.872 #
16)	L4 AR-1242-1	0.000	4.800f	0	21302	N.D.	0.421 #
17)	L4 AR-1242-2	0.000	4.800	0	21302	N.D.	0.307 #
18)	L4 AR-1242-3	0.000	4.982	0	18662	N.D.	0.485 #
19)	L4 AR-1242-4	0.000	5.069	0	19872	N.D.	0.505 #
20)	L4 AR-1242-5	0.000	5.590	0	12564	N.D.	0.257 #
21)	L5 AR-1248-1	0.000	4.800f	0	21302	N.D.	0.584 #
22)	L5 AR-1248-2	0.000	5.040f	0	17313	N.D.	0.331 #
23)	L5 AR-1248-3	0.000	5.069	0	19872	N.D.	0.358 #
24)	L5 AR-1248-4	0.000	5.231	0	18128	N.D.	0.275 #
25)	L5 AR-1248-5	0.000	5.637	0	19946	N.D.	0.310 #
26)	L6 AR-1254-1	0.000	5.590	0	12564	N.D.	0.127 #
27)	L6 AR-1254-2	0.000	5.744	0	38512	N.D.	0.448 #
28)	L6 AR-1254-3	7.179	6.144	444347	27577	3.343	0.192 #
29)	L6 AR-1254-4	0.000	6.378	0	19554	N.D.	0.224 #
30)	L6 AR-1254-5	0.000	6.797	0	18434	N.D.	0.145 #
31)	L7 AR-1260-1	0.000	6.281	0	10480	N.D.	0.104 #
32)	L7 AR-1260-2	7.620	6.480	128851	4803	1.066	0.040 #
33)	L7 AR-1260-3	0.000	6.624	0	12979	N.D.	0.113 #
34)	L7 AR-1260-4	0.000	7.099	0	9089	N.D.	0.095 #
35)	L7 AR-1260-5	0.000	7.345	0	24283	N.D.	0.112 #
36)	L8 AR-1262-1	0.000	6.894	0	19229	N.D.	0.359 #
37)	L8 AR-1262-2	0.000	7.099	0	9089	N.D.	0.077 #
38)	L8 AR-1262-3	0.000	7.627	0	26383	N.D.	0.286 #
39)	L8 AR-1262-4	0.000	7.689	0	19088	N.D.	0.113 #
40)	L8 AR-1262-5	0.000	8.187	0	12385	N.D.	0.160 #
41)	L9 AR-1268-1	0.000	7.627	0	26383	N.D.	0.097 #

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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	0.000	7.689	0	19088	N.D.	0.078 #
43) L9	AR-1268-3	0.000	7.899	0	36227	N.D.	0.169 #
44) L9	AR-1268-4	0.000	8.187	0	12385	N.D.	0.141 #
45) L9	AR-1268-5	0.000	8.488	0	218846	N.D.	0.350 #

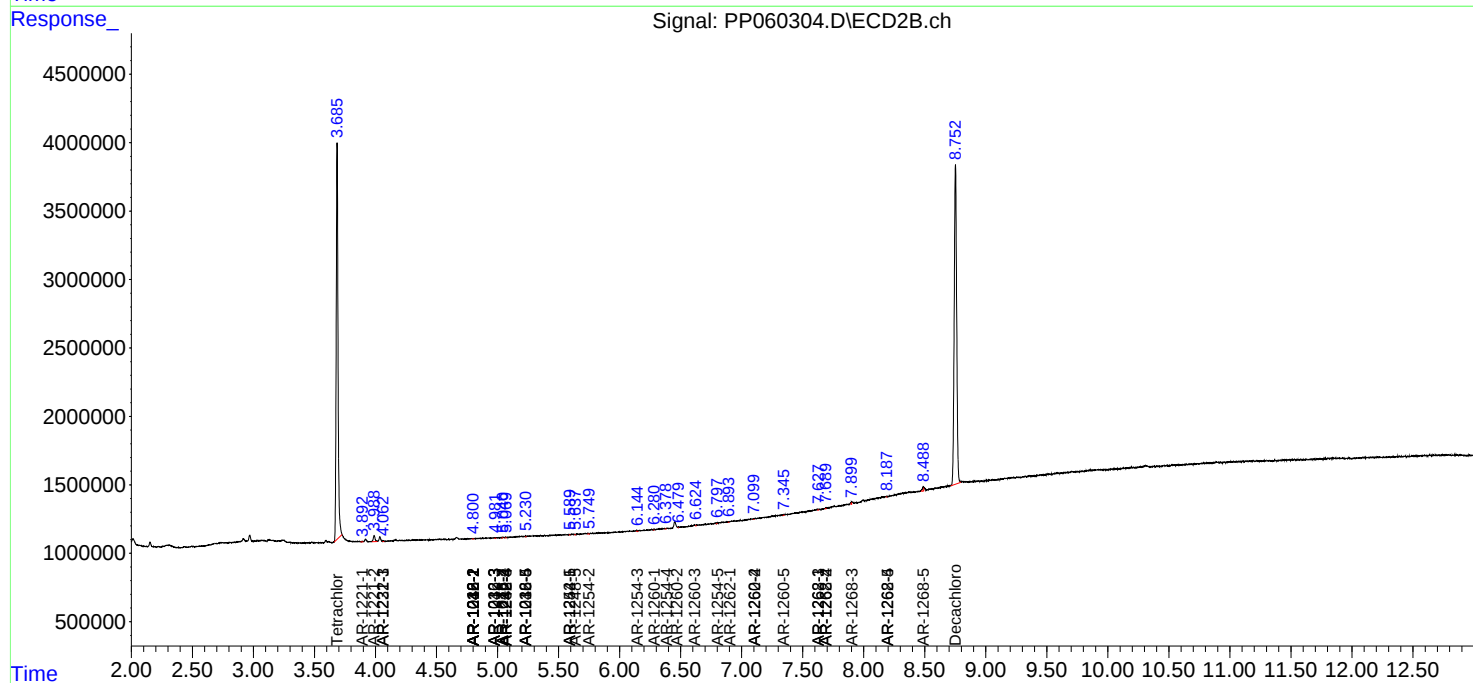
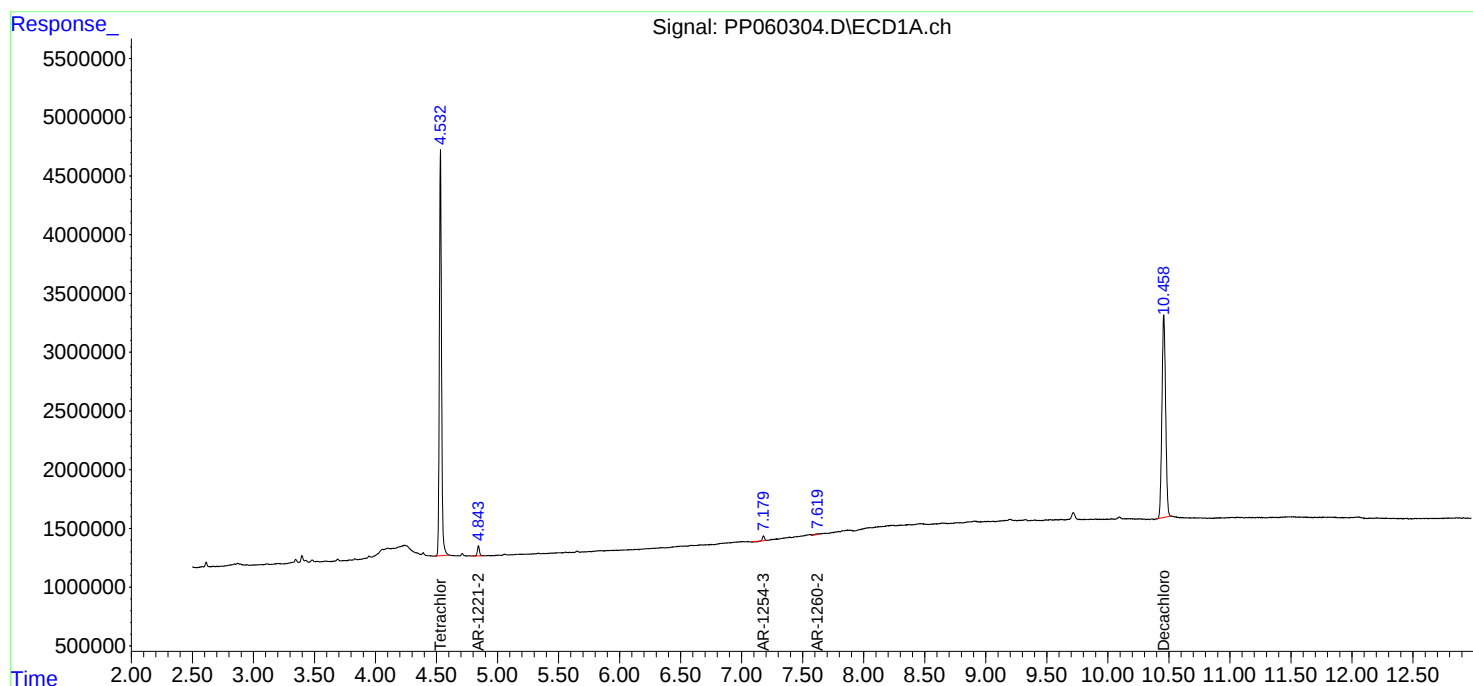
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

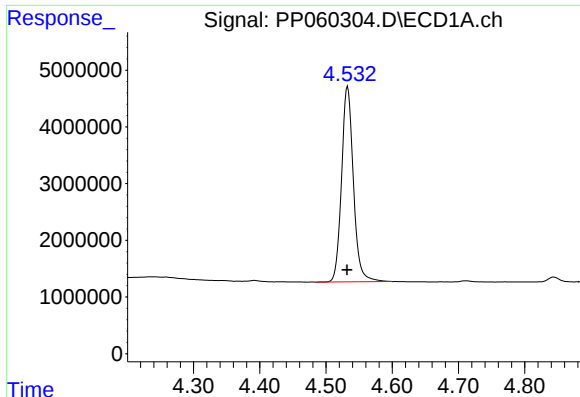
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

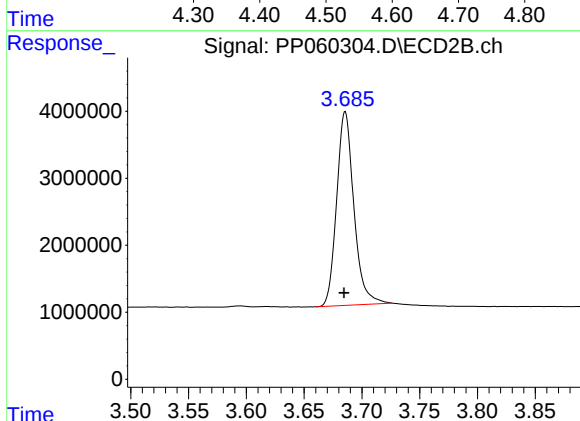




#1 Tetrachloro-m-xylene

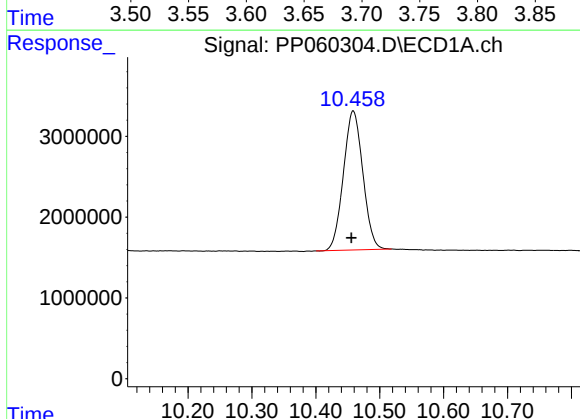
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 42774528
Conc: 19.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



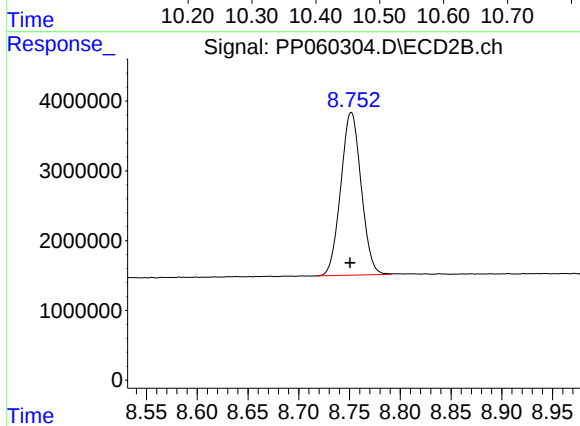
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: 0.001 min
Response: 29956196
Conc: 20.13 ng/ml



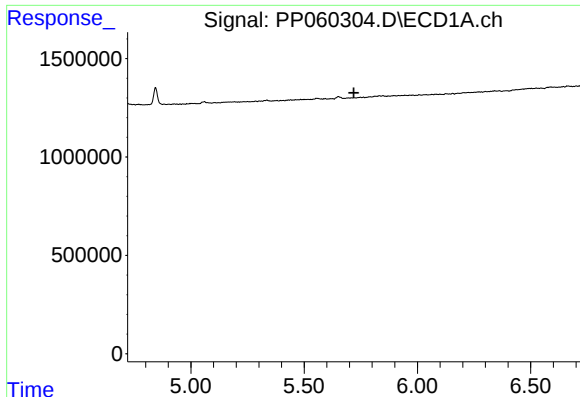
#2 Decachlorobiphenyl

R.T.: 10.459 min
Delta R.T.: 0.003 min
Response: 36371296
Conc: 20.60 ng/ml



#2 Decachlorobiphenyl

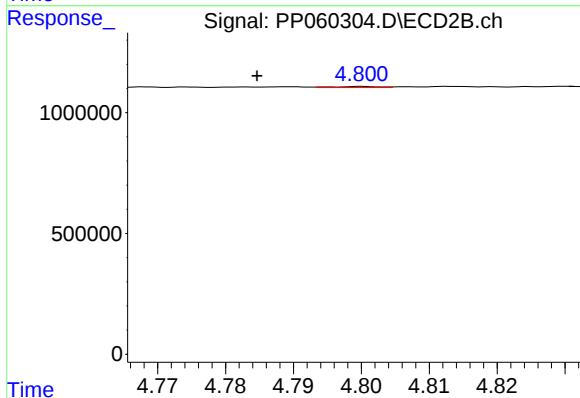
R.T.: 8.752 min
Delta R.T.: 0.001 min
Response: 32636843
Conc: 20.01 ng/ml



#3 AR-1016-1

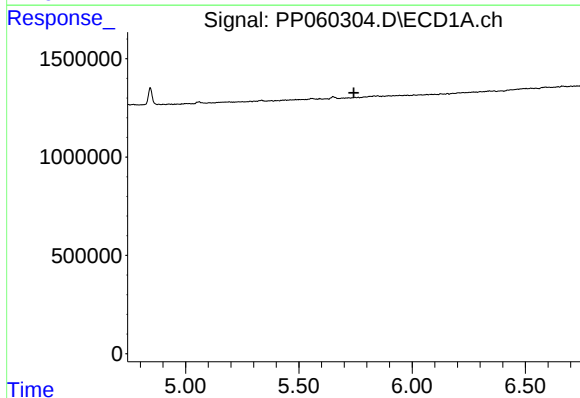
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



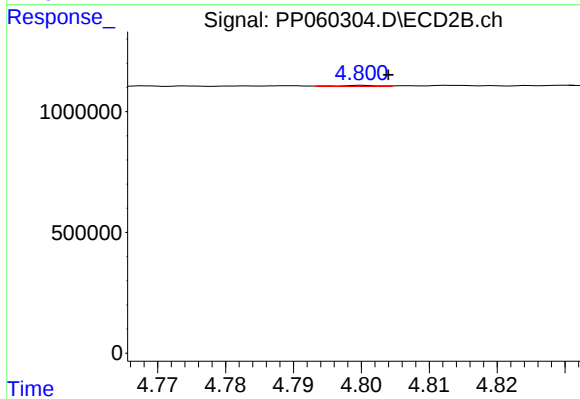
#3 AR-1016-1

R.T.: 4.800 min
Delta R.T.: 0.015 min
Response: 21302
Conc: 0.37 ng/ml



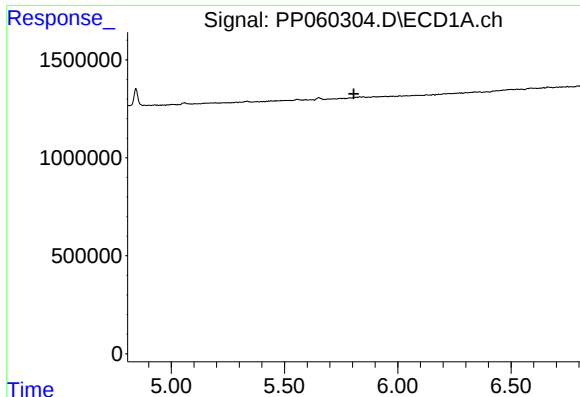
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.



#4 AR-1016-2

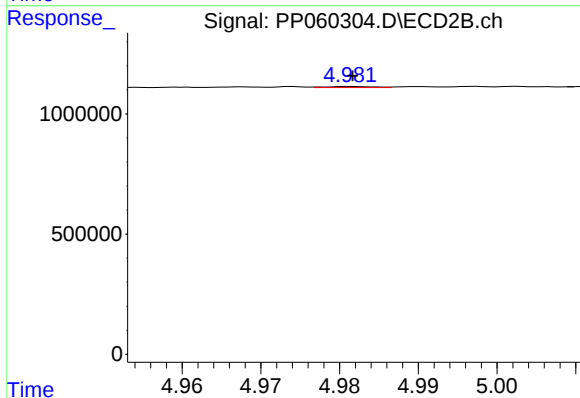
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 21302
Conc: 0.26 ng/ml



#5 AR-1016-3

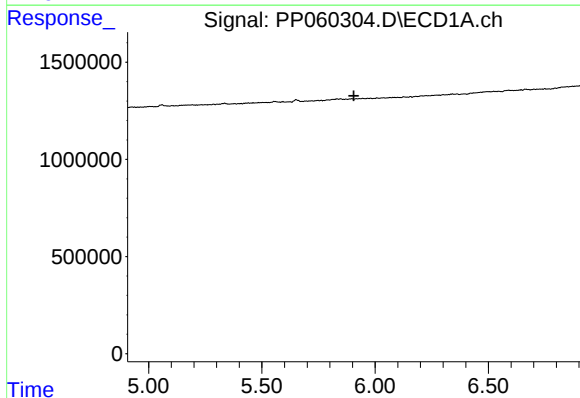
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



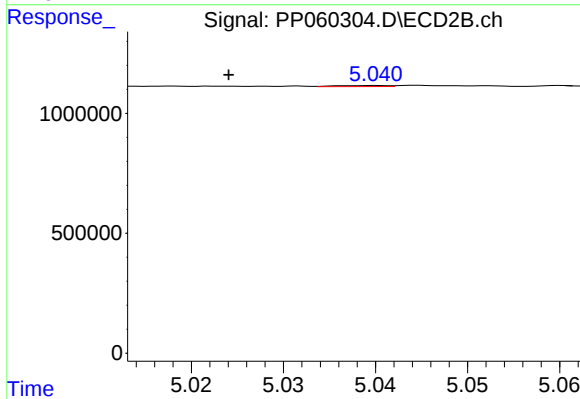
#5 AR-1016-3

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 18662
Conc: 0.42 ng/ml



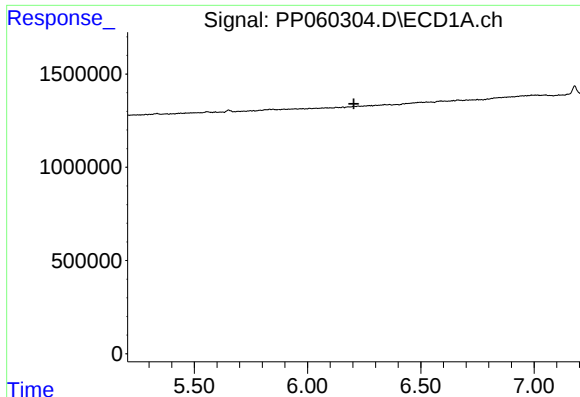
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.906 min
Response: 0
Conc: N.D.



#6 AR-1016-4

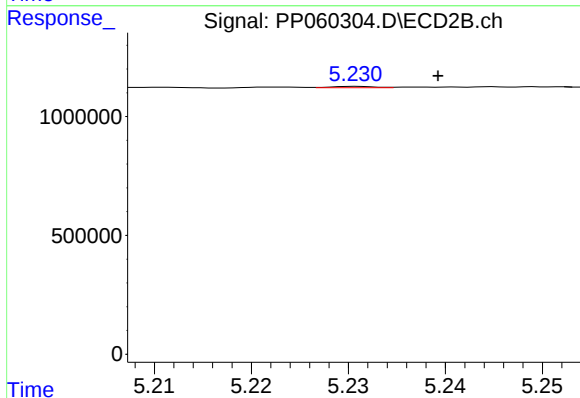
R.T.: 5.040 min
Delta R.T.: 0.016 min
Response: 17313
Conc: 0.48 ng/ml



#7 AR-1016-5

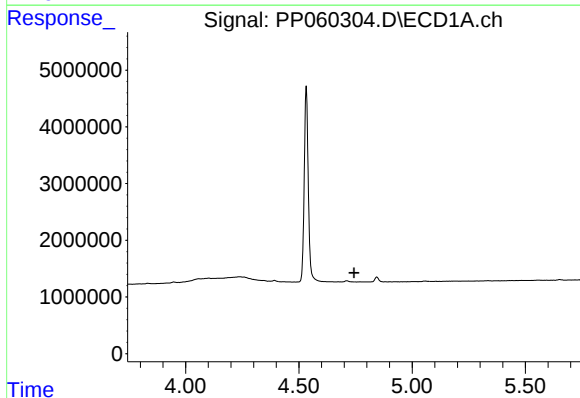
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



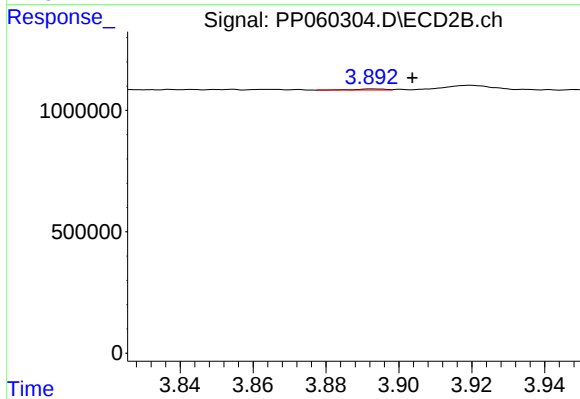
#7 AR-1016-5

R.T.: 5.231 min
Delta R.T.: -0.008 min
Response: 18128
Conc: 0.37 ng/ml



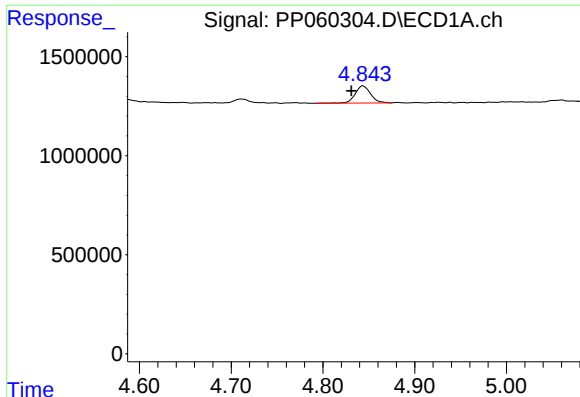
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

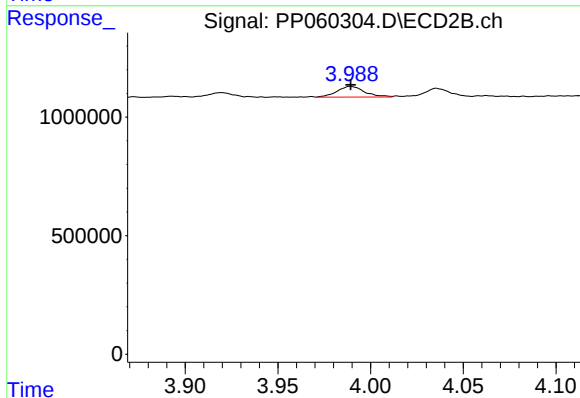
R.T.: 3.892 min
Delta R.T.: -0.011 min
Response: 26992
Conc: 1.29 ng/ml



#9 AR-1221-2

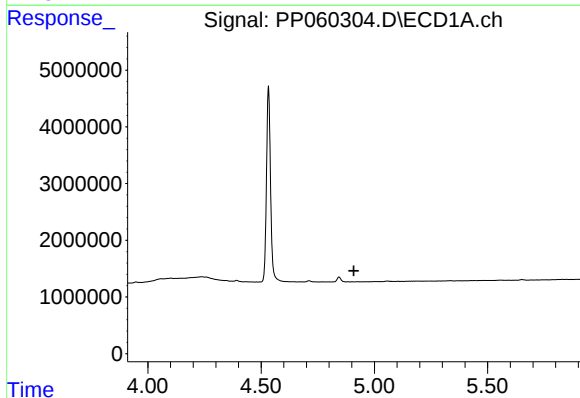
R.T.: 4.844 min
Delta R.T.: 0.013 min
Response: 1015281
Conc: 47.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



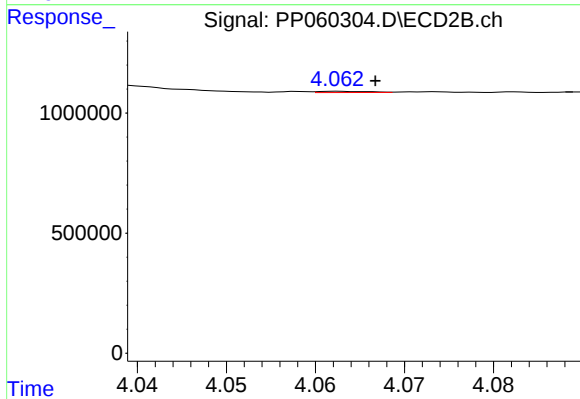
#9 AR-1221-2

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 461214
Conc: 30.93 ng/ml



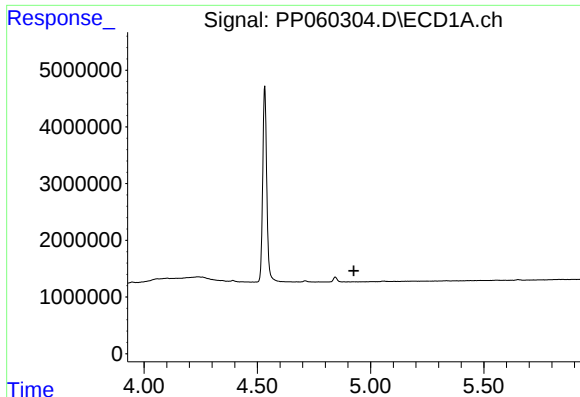
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



#10 AR-1221-3

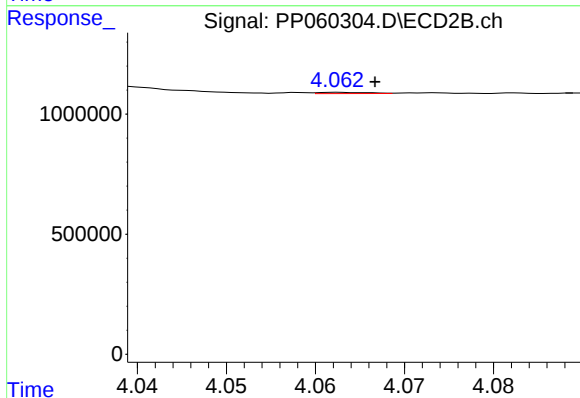
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 19551
Conc: 0.45 ng/ml



#11 AR-1232-1

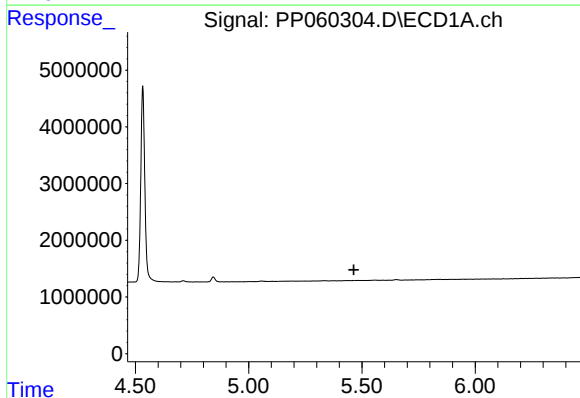
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



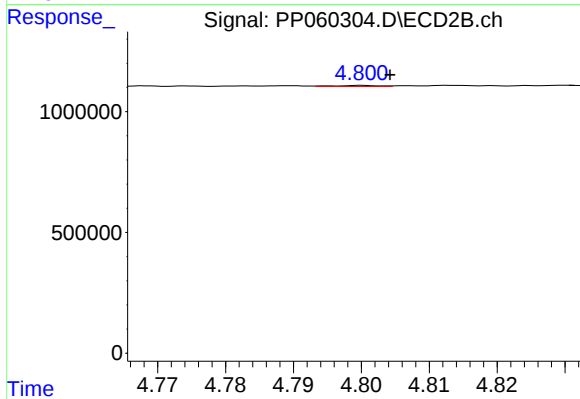
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 19551
Conc: 0.54 ng/ml



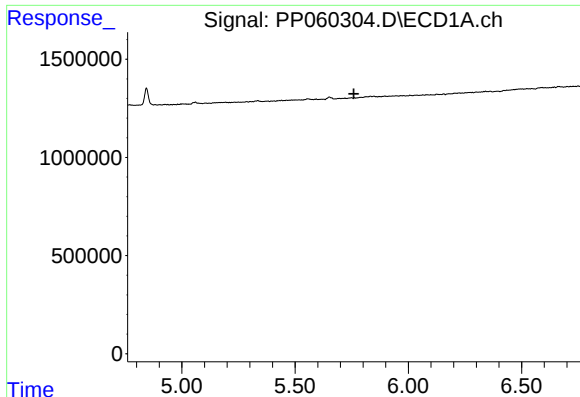
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

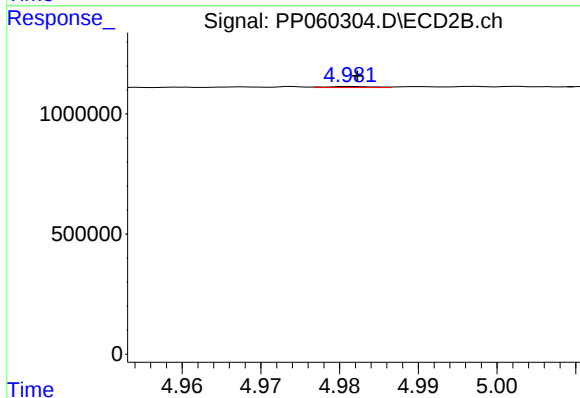
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 21302
Conc: 0.58 ng/ml



#13 AR-1232-3

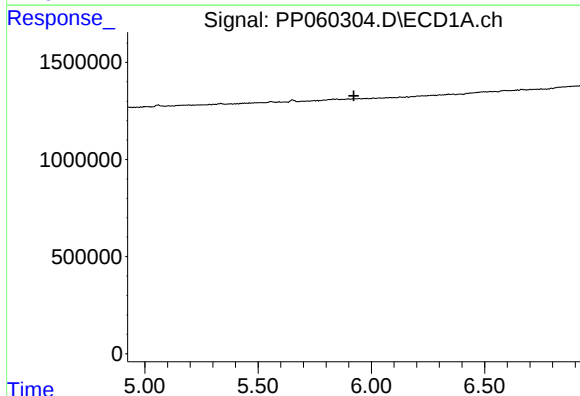
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



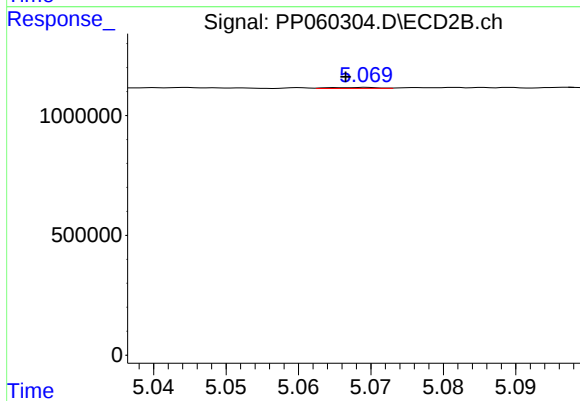
#13 AR-1232-3

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 18662
Conc: 0.93 ng/ml



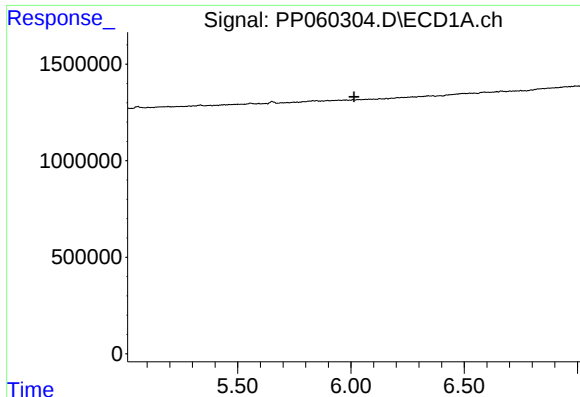
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.922 min
Response: 0
Conc: N.D.



#14 AR-1232-4

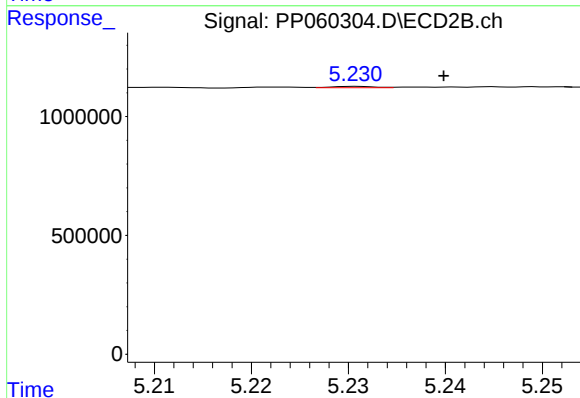
R.T.: 5.069 min
Delta R.T.: 0.003 min
Response: 19872
Conc: 1.06 ng/ml



#15 AR-1232-5

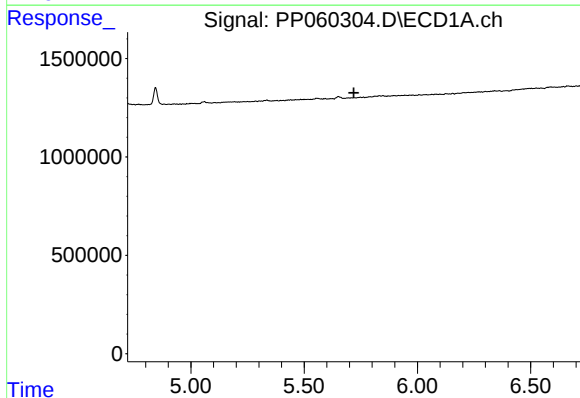
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



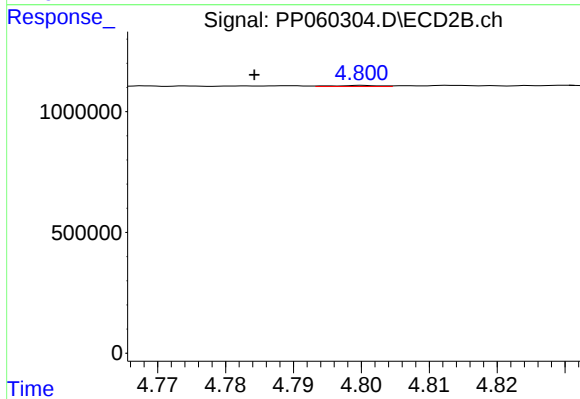
#15 AR-1232-5

R.T.: 5.231 min
Delta R.T.: -0.009 min
Response: 18128
Conc: 0.87 ng/ml



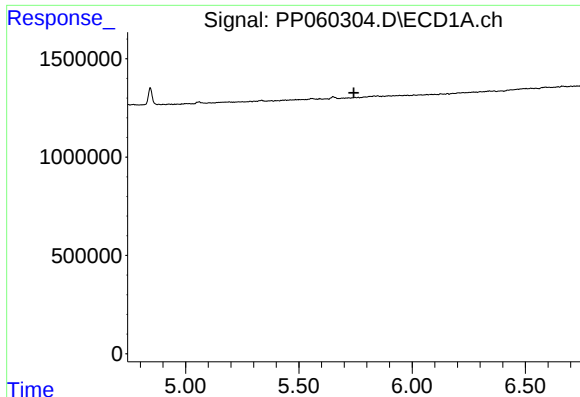
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.



#16 AR-1242-1

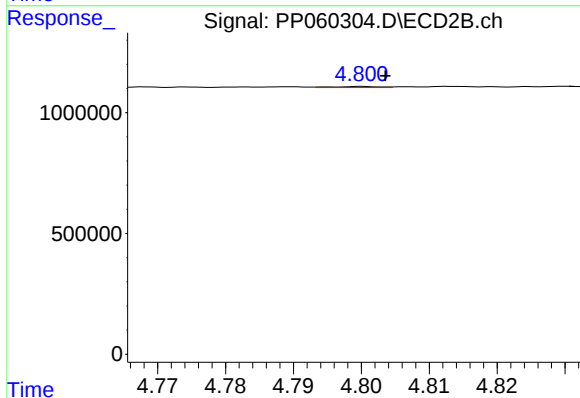
R.T.: 4.800 min
Delta R.T.: 0.016 min
Response: 21302
Conc: 0.42 ng/ml



#17 AR-1242-2

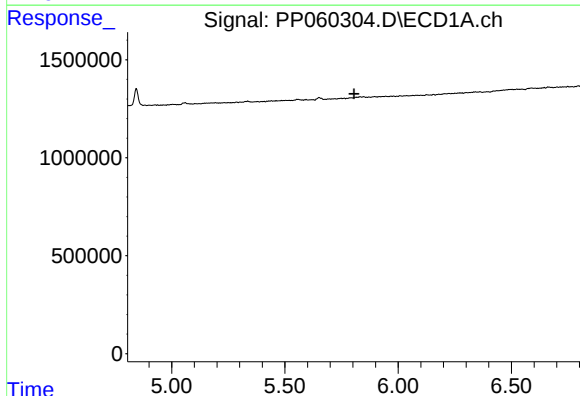
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



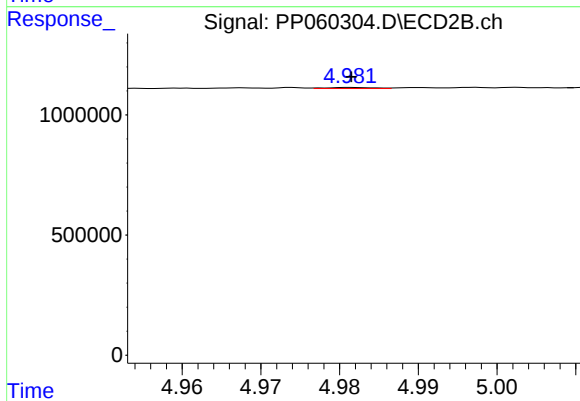
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 21302
Conc: 0.31 ng/ml



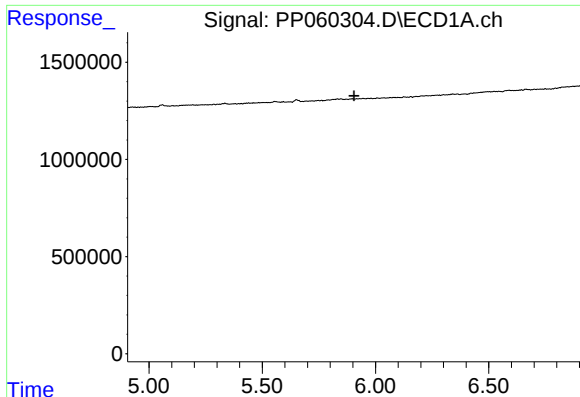
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.



#18 AR-1242-3

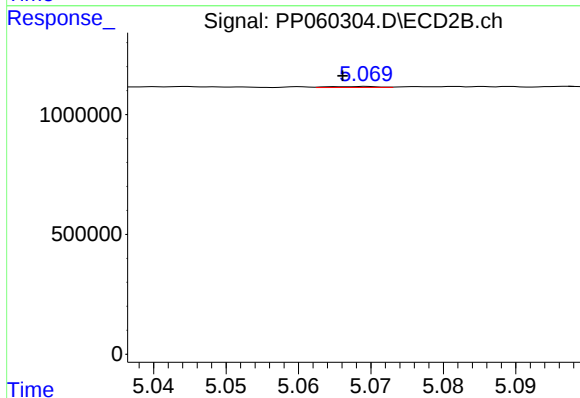
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 18662
Conc: 0.48 ng/ml



#19 AR-1242-4

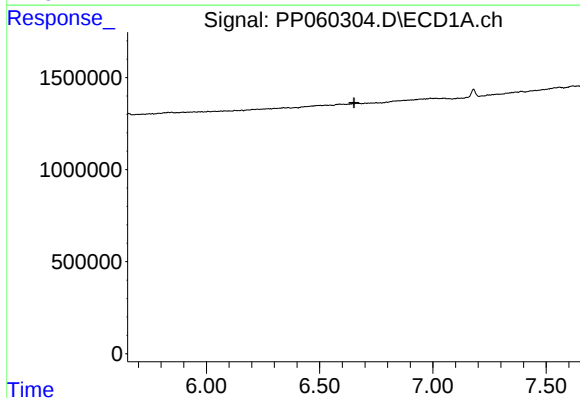
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



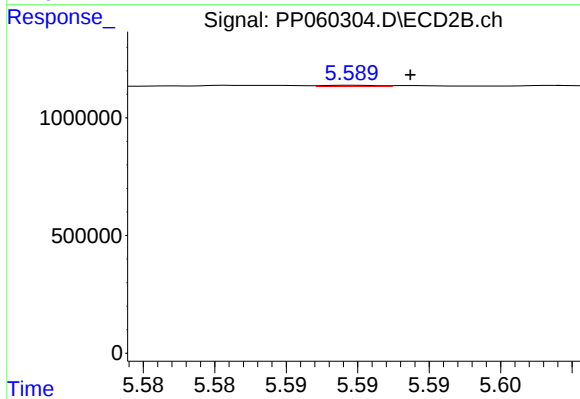
#19 AR-1242-4

R.T.: 5.069 min
Delta R.T.: 0.003 min
Response: 19872
Conc: 0.50 ng/ml



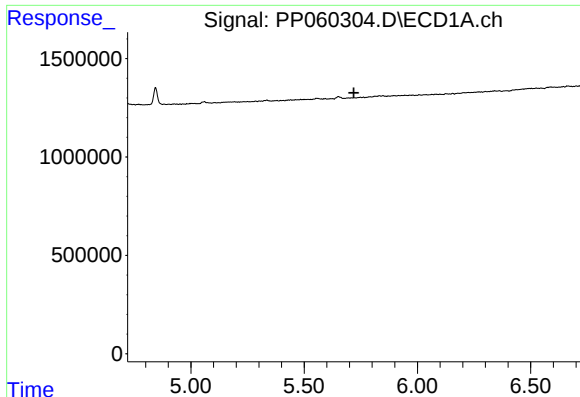
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.652 min
Response: 0
Conc: N.D.



#20 AR-1242-5

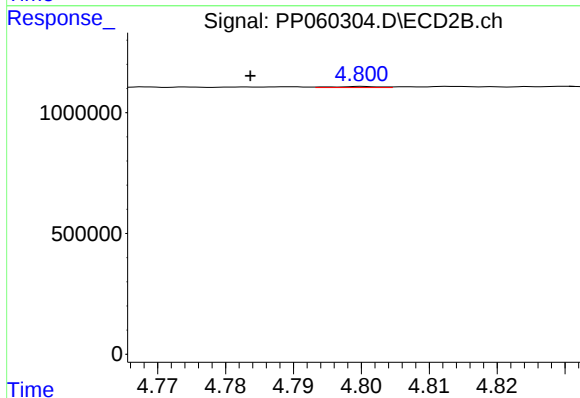
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 12564
Conc: 0.26 ng/ml



#21 AR-1248-1

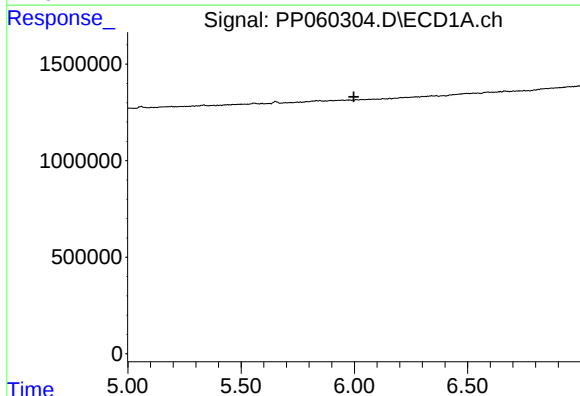
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



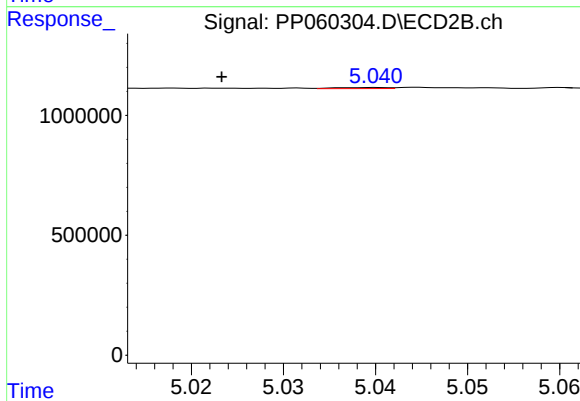
#21 AR-1248-1

R.T.: 4.800 min
Delta R.T.: 0.016 min
Response: 21302
Conc: 0.58 ng/ml



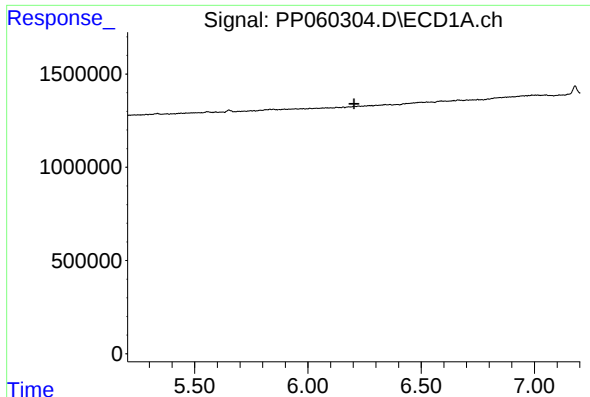
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.



#22 AR-1248-2

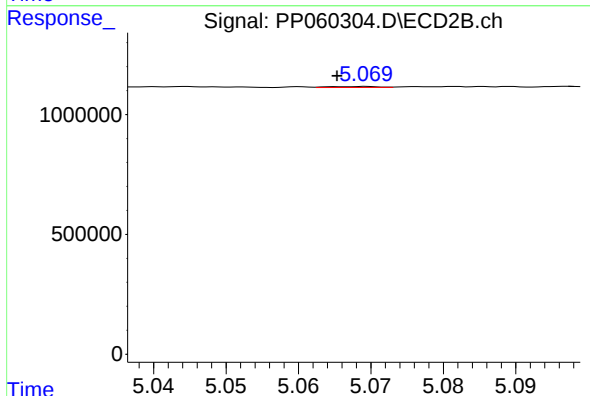
R.T.: 5.040 min
Delta R.T.: 0.017 min
Response: 17313
Conc: 0.33 ng/ml



#23 AR-1248-3

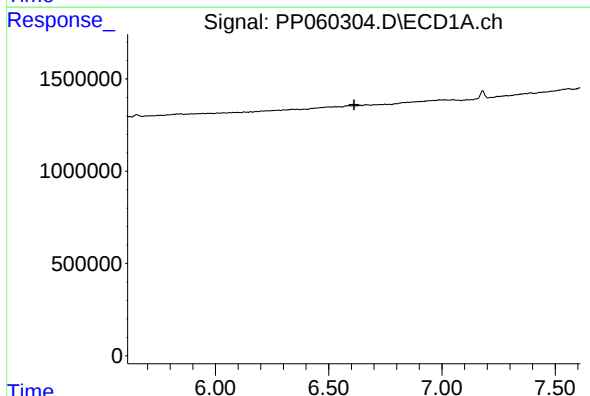
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



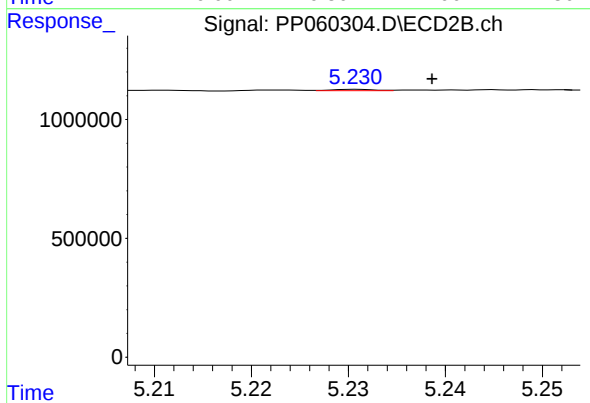
#23 AR-1248-3

R.T.: 5.069 min
Delta R.T.: 0.004 min
Response: 19872
Conc: 0.36 ng/ml



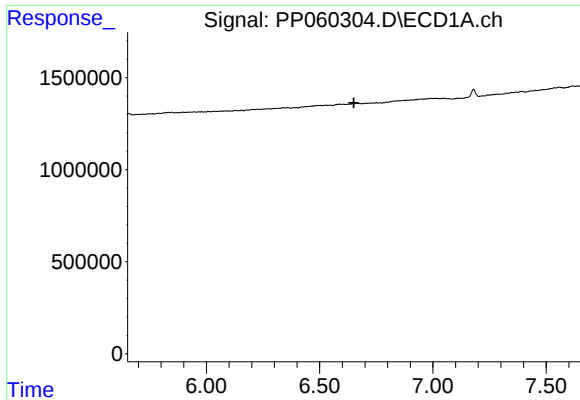
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.



#24 AR-1248-4

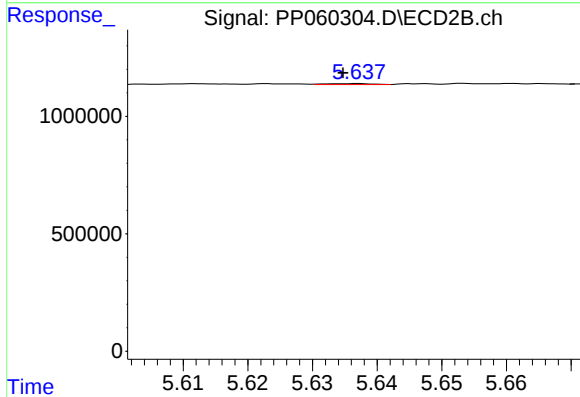
R.T.: 5.231 min
Delta R.T.: -0.008 min
Response: 18128
Conc: 0.28 ng/ml



#25 AR-1248-5

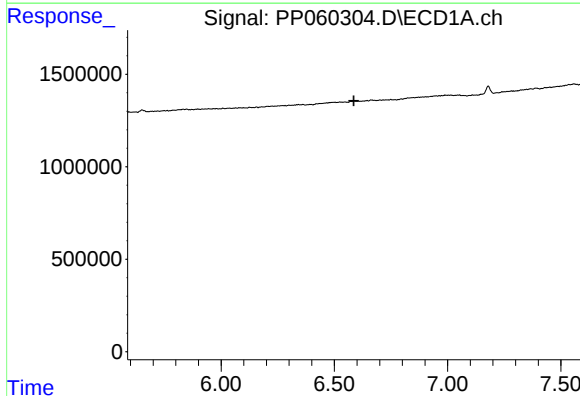
R.T.: 0.000 min
Exp R.T.: 6.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



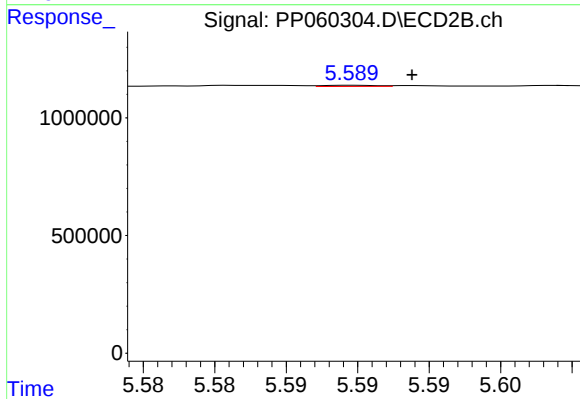
#25 AR-1248-5

R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 19946
Conc: 0.31 ng/ml



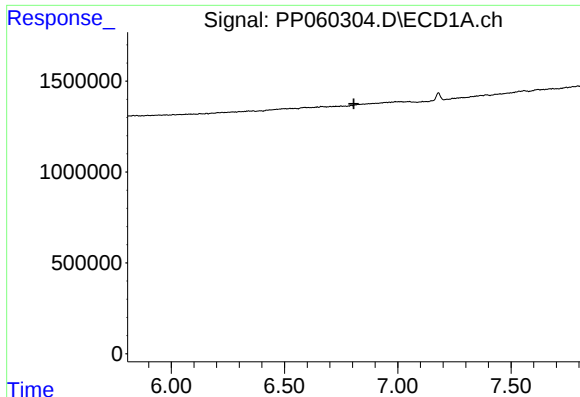
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.



#26 AR-1254-1

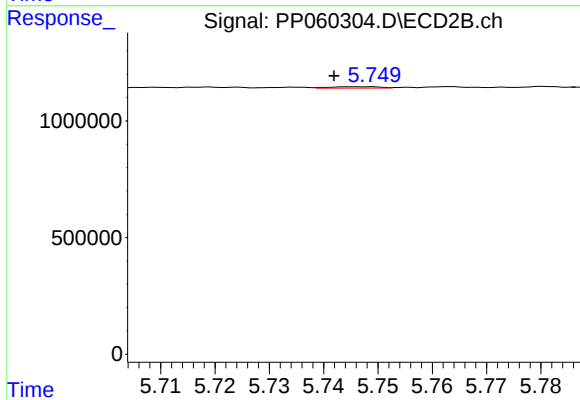
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 12564
Conc: 0.13 ng/ml



#27 AR-1254-2

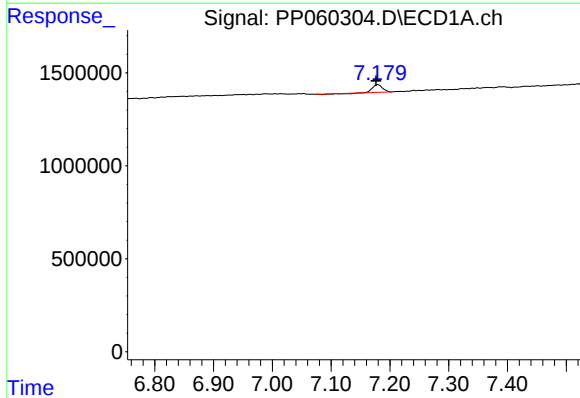
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



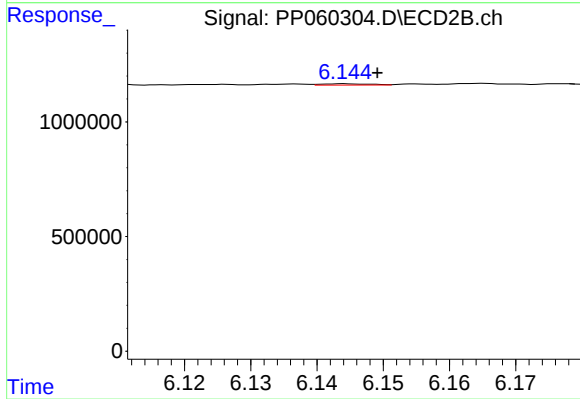
#27 AR-1254-2

R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 38512
Conc: 0.45 ng/ml



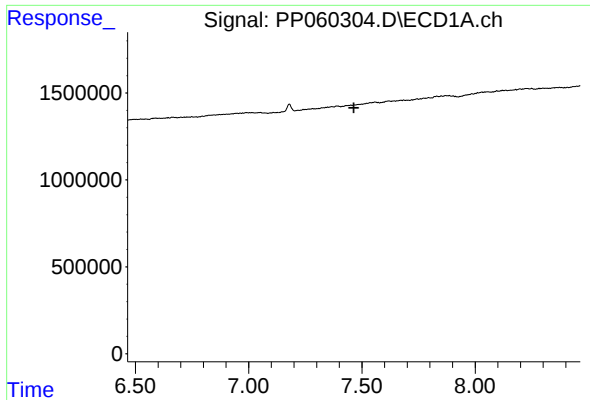
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.003 min
Response: 444347
Conc: 3.34 ng/ml



#28 AR-1254-3

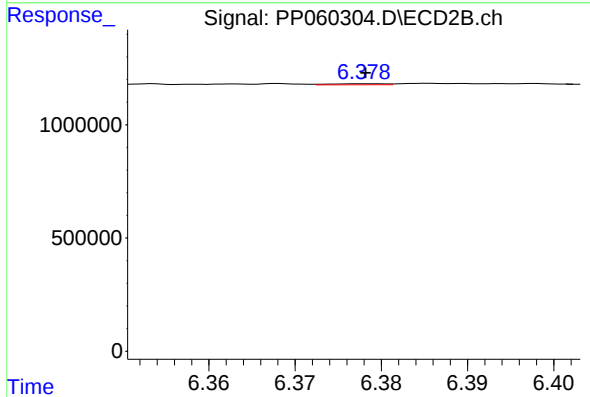
R.T.: 6.144 min
Delta R.T.: -0.005 min
Response: 27577
Conc: 0.19 ng/ml



#29 AR-1254-4

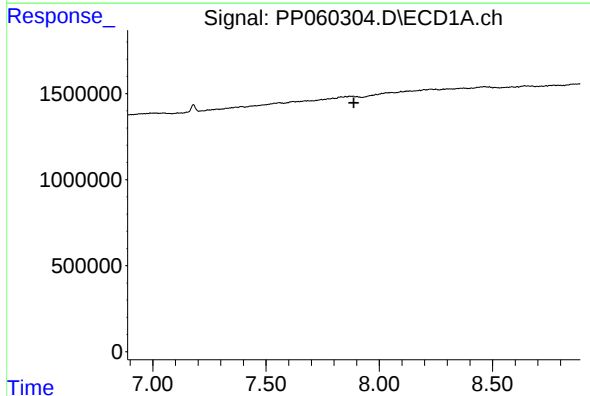
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



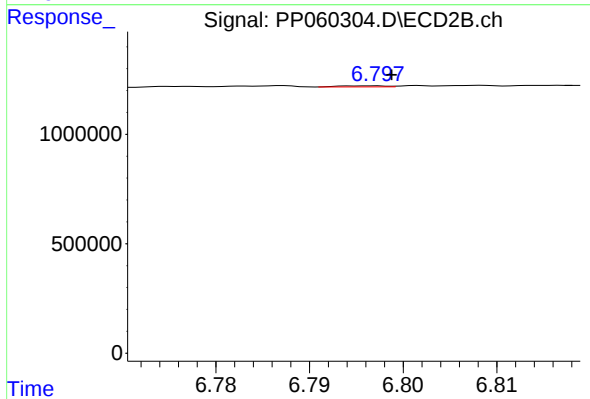
#29 AR-1254-4

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 19554
Conc: 0.22 ng/ml



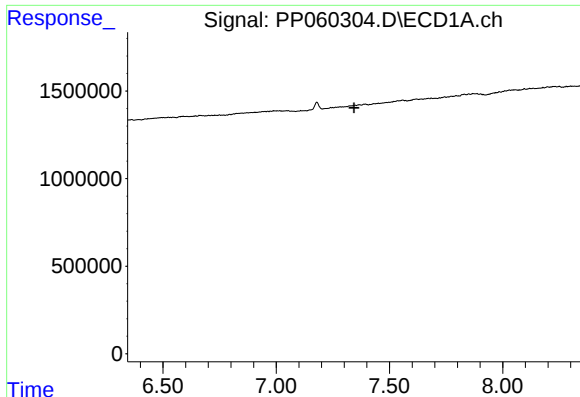
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.887 min
Response: 0
Conc: N.D.



#30 AR-1254-5

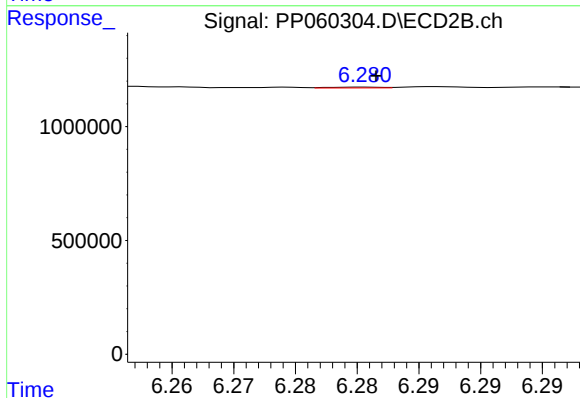
R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 18434
Conc: 0.15 ng/ml



#31 AR-1260-1

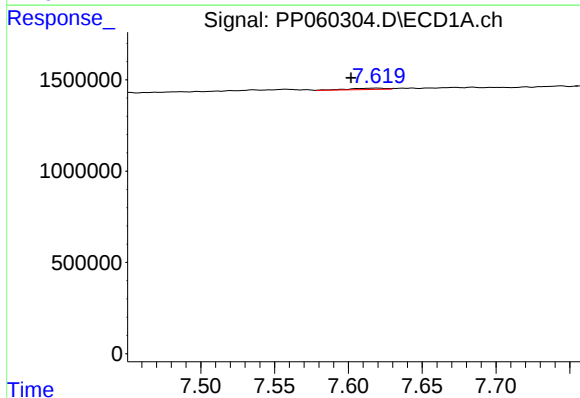
R.T.: 0.000 min
Exp R.T.: 7.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



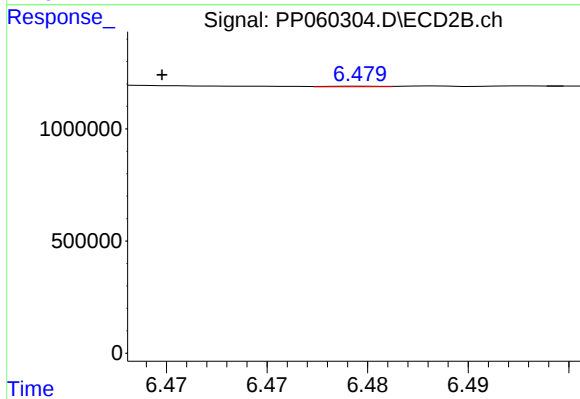
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 10480
Conc: 0.10 ng/ml



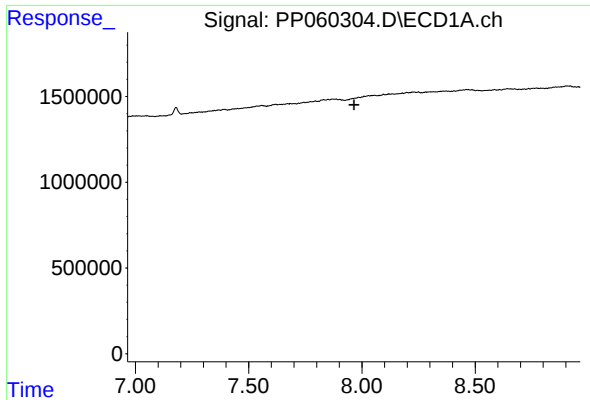
#32 AR-1260-2

R.T.: 7.620 min
Delta R.T.: 0.018 min
Response: 128851
Conc: 1.07 ng/ml



#32 AR-1260-2

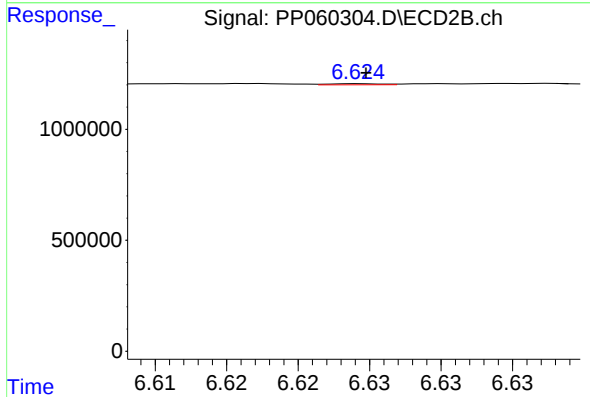
R.T.: 6.480 min
Delta R.T.: 0.010 min
Response: 4803
Conc: 0.04 ng/ml



#33 AR-1260-3

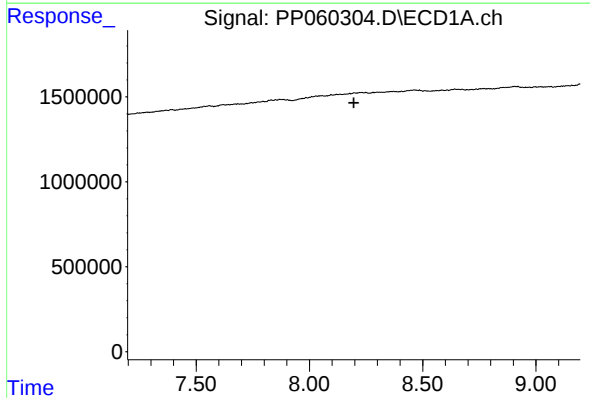
R.T.: 0.000 min
Exp R.T.: 7.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



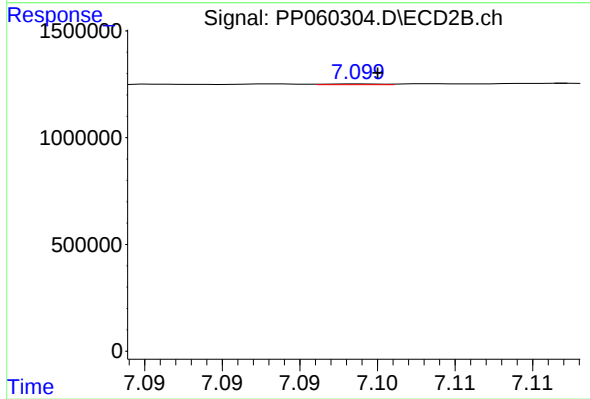
#33 AR-1260-3

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 12979
Conc: 0.11 ng/ml



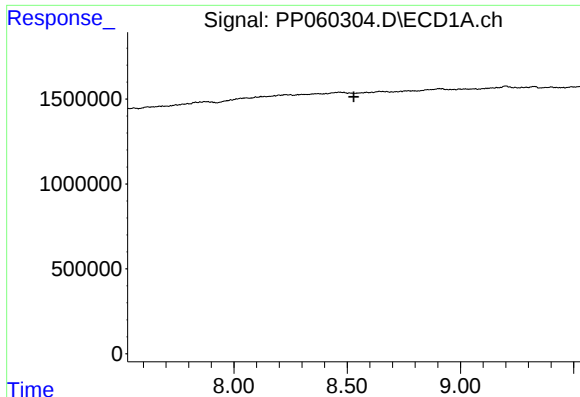
#34 AR-1260-4

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



#34 AR-1260-4

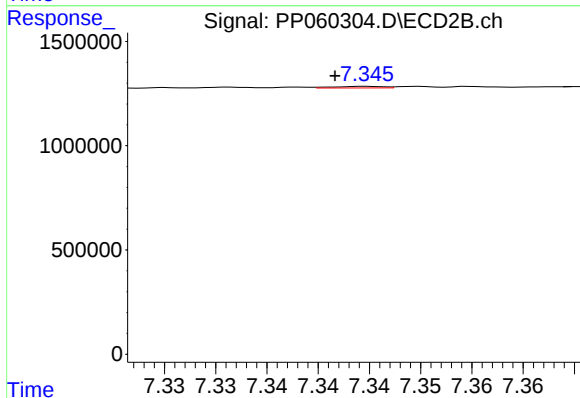
R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 9089
Conc: 0.10 ng/ml



#35 AR-1260-5

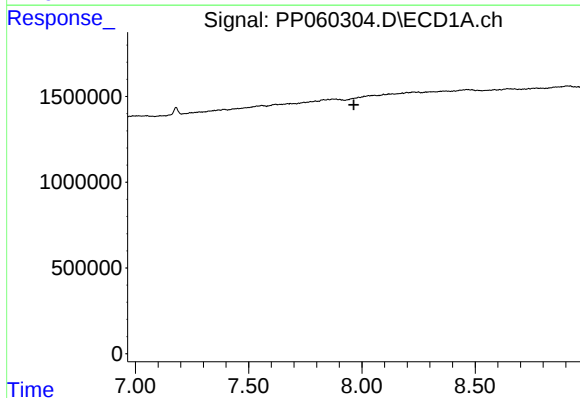
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



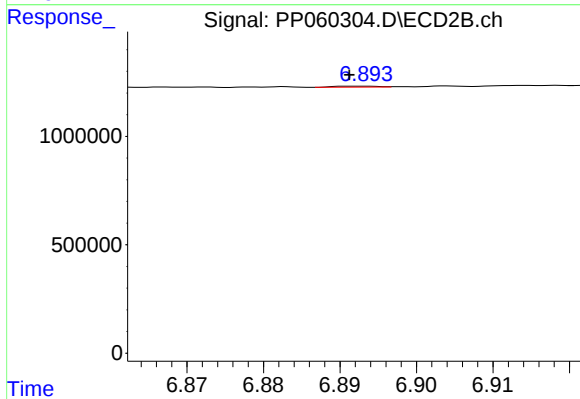
#35 AR-1260-5

R.T.: 7.345 min
Delta R.T.: 0.003 min
Response: 24283
Conc: 0.11 ng/ml



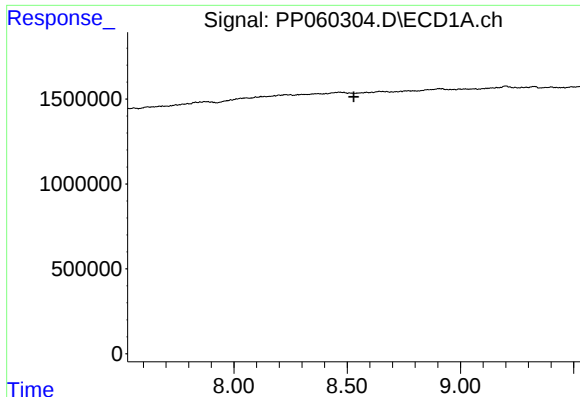
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.964 min
Response: 0
Conc: N.D.



#36 AR-1262-1

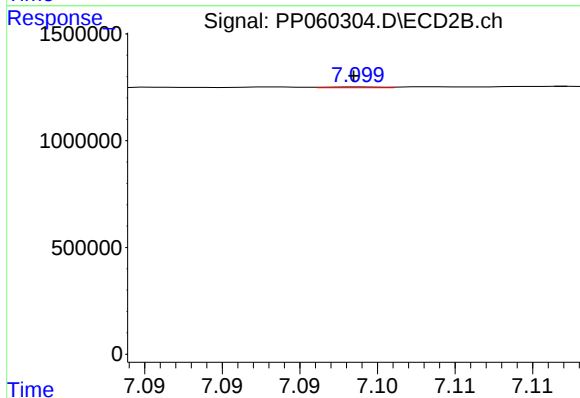
R.T.: 6.894 min
Delta R.T.: 0.002 min
Response: 19229
Conc: 0.36 ng/ml



#37 AR-1262-2

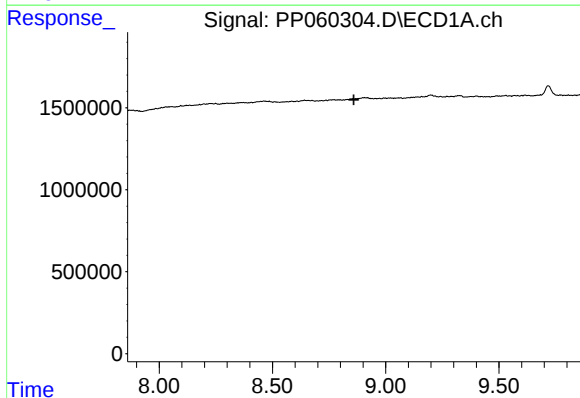
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



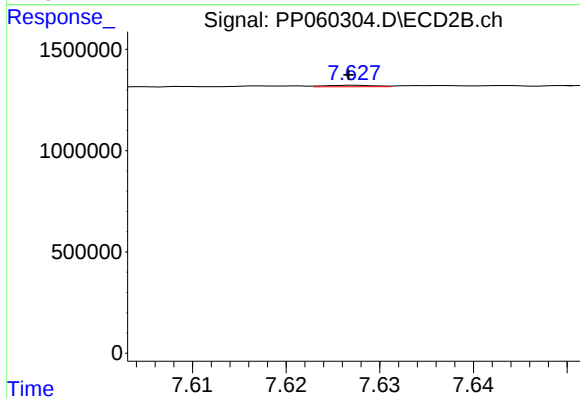
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 9089
Conc: 0.08 ng/ml



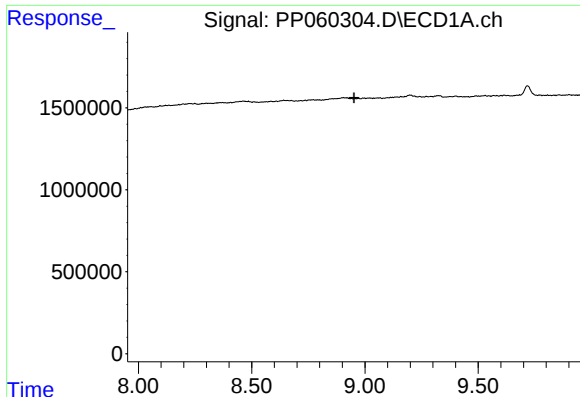
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.



#38 AR-1262-3

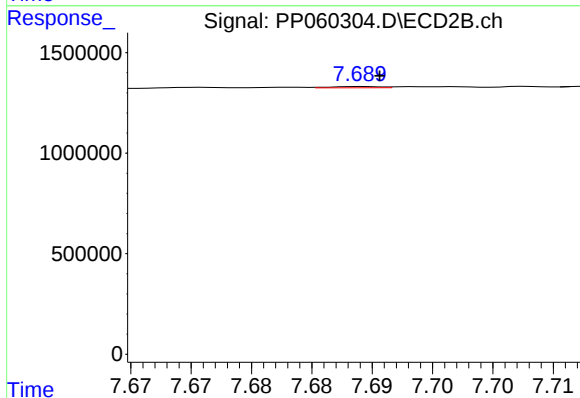
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 26383
Conc: 0.29 ng/ml



#39 AR-1262-4

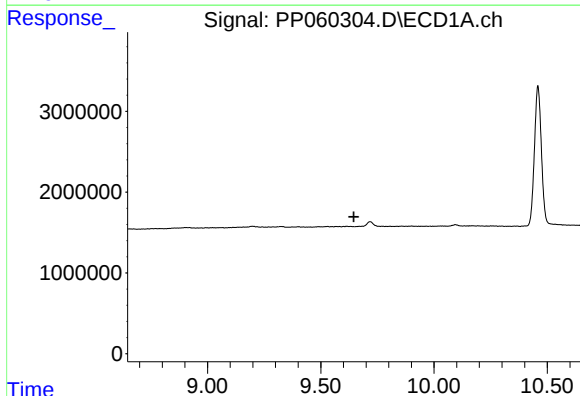
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



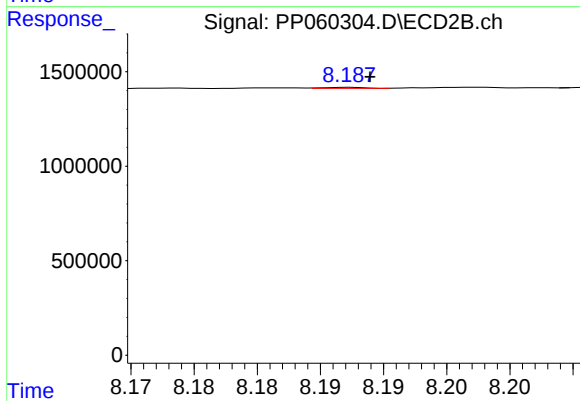
#39 AR-1262-4

R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 19088
Conc: 0.11 ng/ml



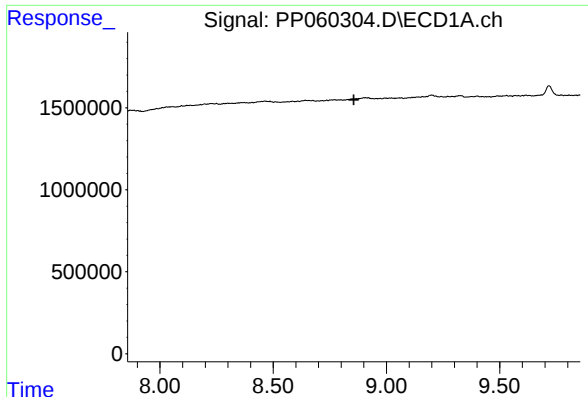
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

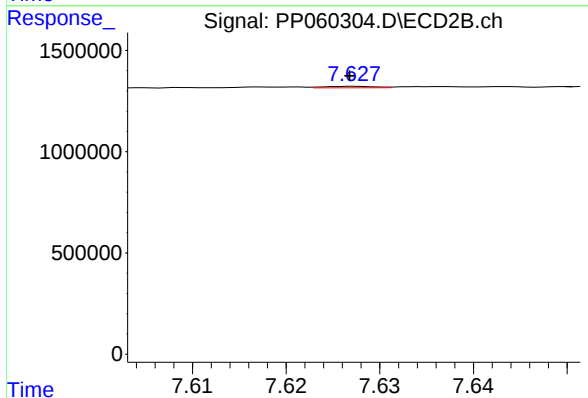
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 12385
Conc: 0.16 ng/ml



#41 AR-1268-1

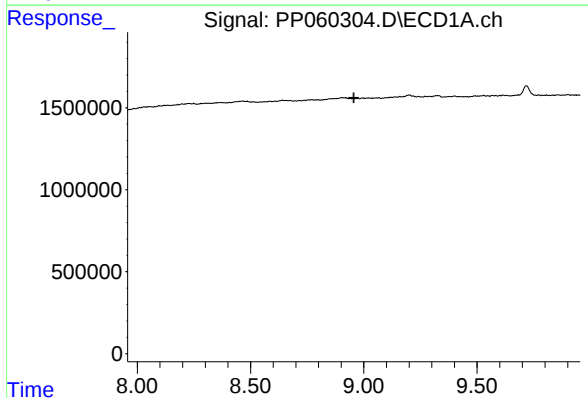
R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



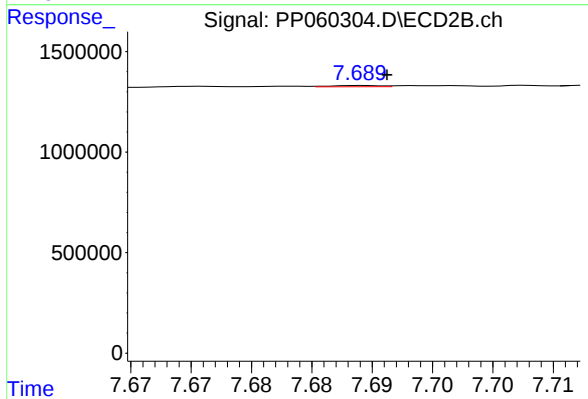
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 26383
Conc: 0.10 ng/ml



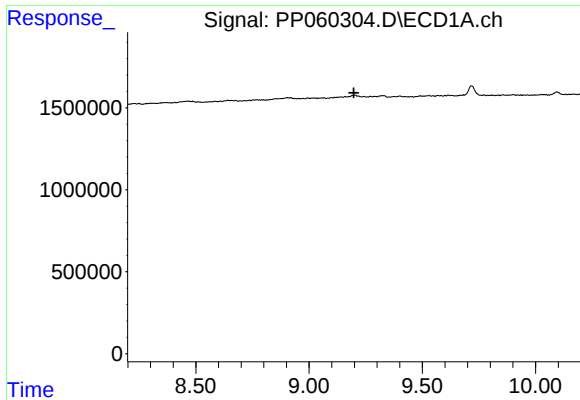
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.956 min
Response: 0
Conc: N.D.



#42 AR-1268-2

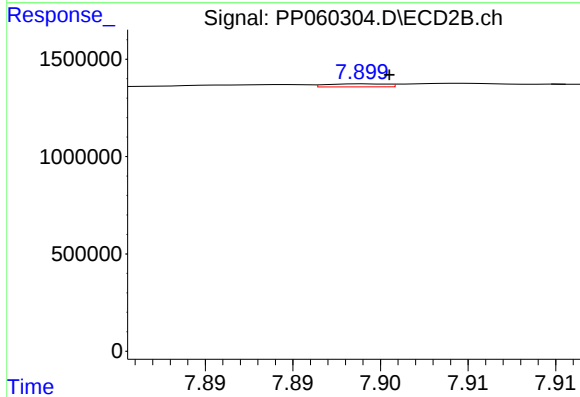
R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 19088
Conc: 0.08 ng/ml



#43 AR-1268-3

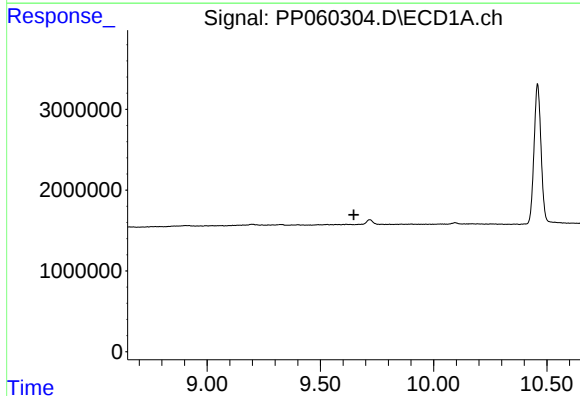
R.T.: 0.000 min
Exp R.T. : 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



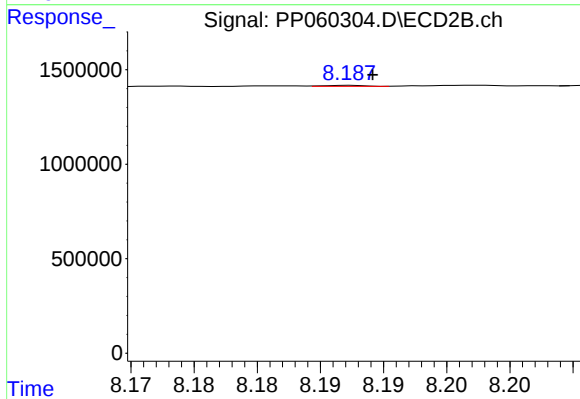
#43 AR-1268-3

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 36227
Conc: 0.17 ng/ml



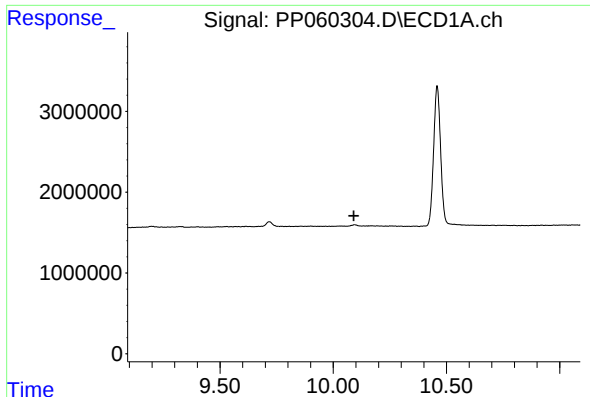
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

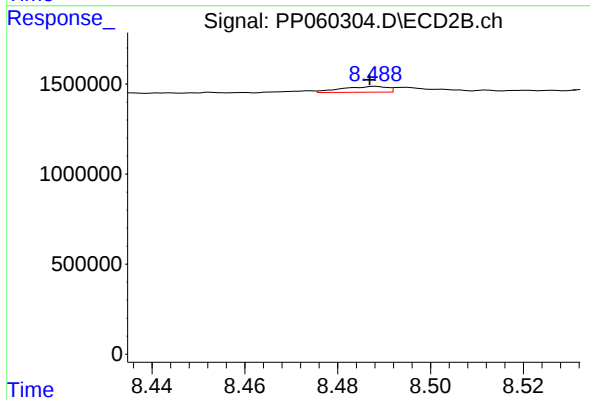
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 12385
Conc: 0.14 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.488 min
Delta R.T.: 0.001 min
Response: 218846
Conc: 0.35 ng/ml