

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031723\
 Data File : PP056554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2023 14:08
 Operator : YP\AJ
 Sample : 01938-03 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 22:24:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 17 04:34:46 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...	4.443	3.674	4571999	3456888	2.238	1.757
2)	SA Decachlor...	10.293	8.780	4584504	3509608	3.164	2.307 #
Target Compounds							
3)	L1 AR-1016-1	5.599	4.777	95882	104557	1.540	1.633
4)	L1 AR-1016-2	5.636	4.777f	47502	104557	0.507	1.128 #
5)	L1 AR-1016-3	5.696	0.000	12755	0	0.220	N.D. #
6)	L1 AR-1016-4	5.800	0.000	61701	0	1.358	N.D. #
7)	L1 AR-1016-5	6.097	5.241	124459	143653	2.665	2.636
8)	L2 AR-1221-1	4.645	3.906f	57555	27288	2.289	1.085 #
9)	L2 AR-1221-2	4.750f	3.983	93864	91815	5.024	4.857
10)	L2 AR-1221-3	4.805	4.058	80533	50184	1.408	0.851 #
11)	L3 AR-1232-1	4.805	4.058	80533	50184	1.688	1.013 #
12)	L3 AR-1232-2	5.349	4.777f	76104	104557	3.162	2.420
13)	L3 AR-1232-3	5.636	0.000	47502	0	1.115	N.D. #
14)	L3 AR-1232-4	5.800	5.047	61701	44419	3.060	1.959 #
15)	L3 AR-1232-5	5.886	5.241	47716	143653	2.893	5.827 #
16)	L4 AR-1242-1	5.599	4.777	95882	104557	1.887	2.017
17)	L4 AR-1242-2	5.636	4.777f	47502	104557	0.627	1.395 #
18)	L4 AR-1242-3	5.696	0.000	12755	0	0.270	N.D. #
19)	L4 AR-1242-4	5.800	5.047	61701	44419	1.660	1.025 #
20)	L4 AR-1242-5	6.532	5.598	69466	49080	2.001	1.069 #
21)	L5 AR-1248-1	5.599f	4.777	95882	104557	2.492	2.671
22)	L5 AR-1248-2	5.886	0.000	47716	0	0.811	N.D. #
23)	L5 AR-1248-3	6.097	5.047	124459	44419	1.928	0.699 #
24)	L5 AR-1248-4	6.513	5.241	57735	143653	0.926	1.959 #
25)	L5 AR-1248-5	6.532	5.620	69466	187350	1.154	3.120 #
26)	L6 AR-1254-1	6.478	5.598	444652	49080	6.080	0.461 #
27)	L6 AR-1254-2	6.703	5.740	115927	86261	1.083	0.953
28)	L6 AR-1254-3	7.068	6.152	588379	335069	5.513	2.379 #
29)	L6 AR-1254-4	7.358	6.384	1710716	268835	25.533	3.628 #
30)	L6 AR-1254-5	7.778	6.806	1891888	2588716	24.939	21.790
31)	L7 AR-1260-1	7.236	6.281	1509690	406254	17.318	3.857 #
32)	L7 AR-1260-2	7.493	6.472	2087383	296722	22.600	2.522 #
33)	L7 AR-1260-3	7.829f	6.625	977587	313233	12.764	2.774 #
34)	L7 AR-1260-4	8.065	0.000	1004327	0	11.979	N.D. #
35)	L7 AR-1260-5	8.410	7.348	729392	375044	5.180	2.243 #
36)	L8 AR-1262-1	7.829f	0.000	977587	0	10.051	N.D. #
37)	L8 AR-1262-2	8.410	0.000	729392	0	5.172	N.D. #
38)	L8 AR-1262-3	8.745f	7.634	139991	163820	1.421	2.422 #
39)	L8 AR-1262-4	8.822	7.700	386247	455655	8.821	3.784 #
40)	L8 AR-1262-5	9.505	8.199	85238	131144	1.883	2.867 #
41)	L9 AR-1268-1	8.745f	7.634	139991	163820	0.697	0.780

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 ALS Vial : 17 Sample Multiplier: 1

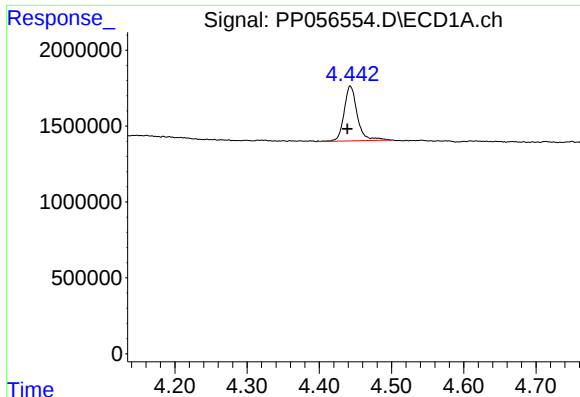
Instrument :
 ECD_P
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.822	7.700	386247	455655	2.193	2.308
43) L9	AR-1268-3	9.051	7.931f	31353	120441	0.188	0.697 #
44) L9	AR-1268-4	9.505	8.199	85238	131144	1.643	2.346 #
45) L9	AR-1268-5	9.900f	8.523f	22330	18982	0.048	0.042

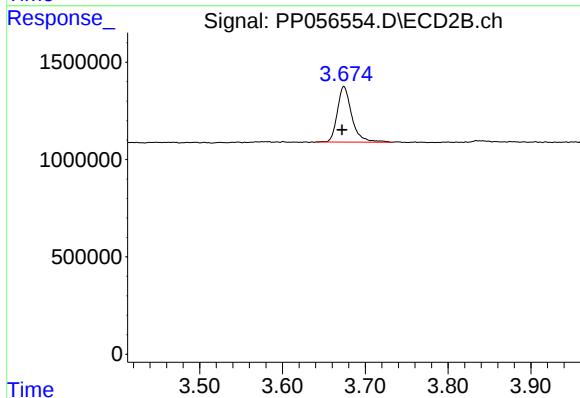
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

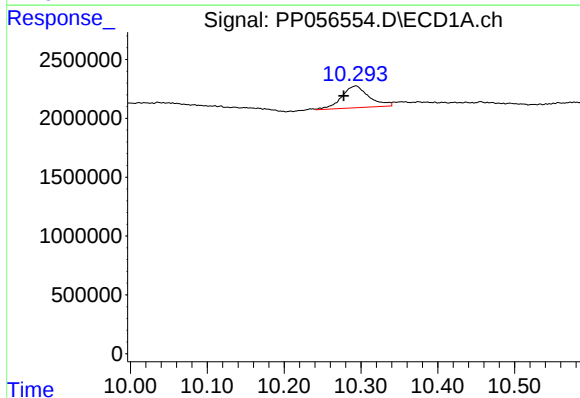
R.T.: 4.443 min
Delta R.T.: 0.004 min
Response: 4571999
Conc: 2.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



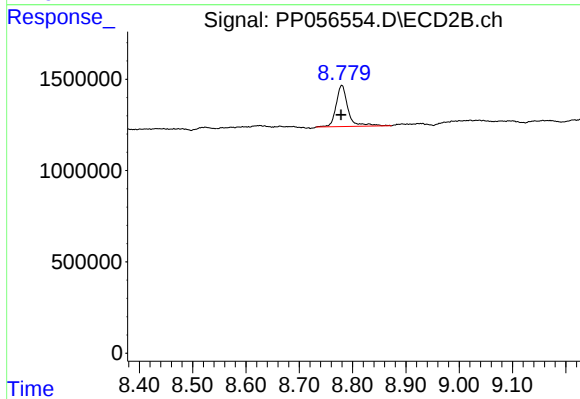
#1 Tetrachloro-m-xylene

R.T.: 3.674 min
Delta R.T.: 0.002 min
Response: 3456888
Conc: 1.76 ng/ml



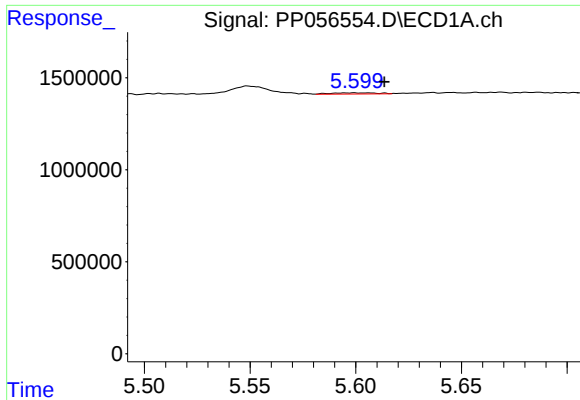
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: 0.016 min
Response: 4584504
Conc: 3.16 ng/ml



#2 Decachlorobiphenyl

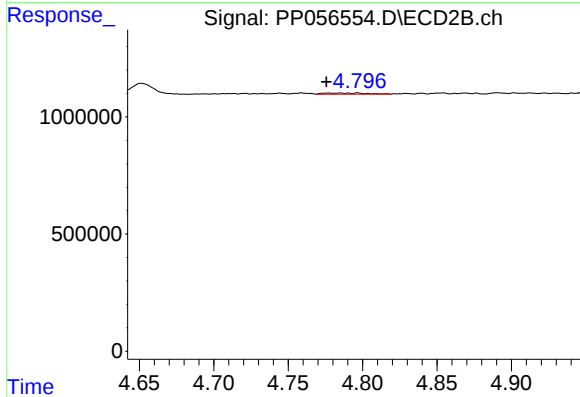
R.T.: 8.780 min
Delta R.T.: 0.002 min
Response: 3509608
Conc: 2.31 ng/ml



#3 AR-1016-1

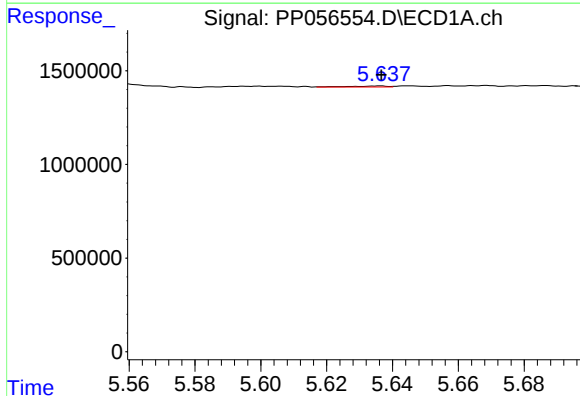
R.T.: 5.599 min
Delta R.T.: -0.014 min
Response: 95882
Conc: 1.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



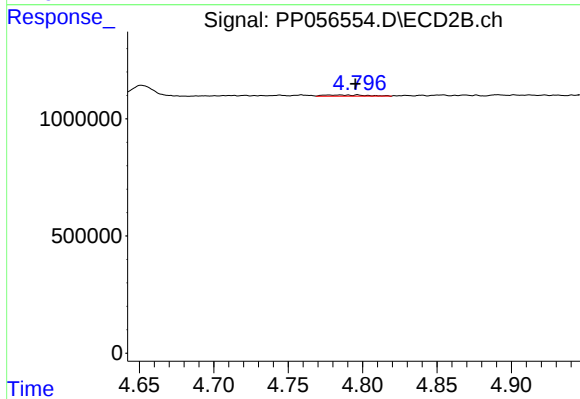
#3 AR-1016-1

R.T.: 4.777 min
Delta R.T.: 0.001 min
Response: 104557
Conc: 1.63 ng/ml



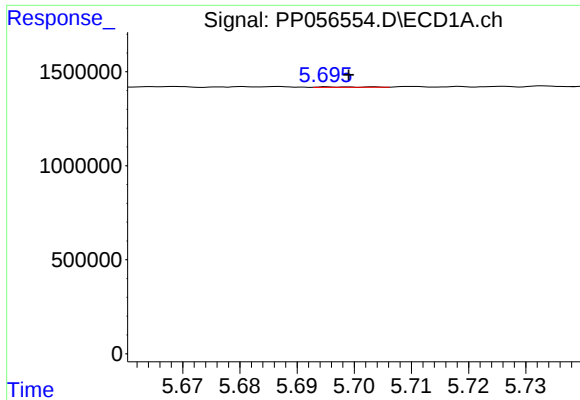
#4 AR-1016-2

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 47502
Conc: 0.51 ng/ml



#4 AR-1016-2

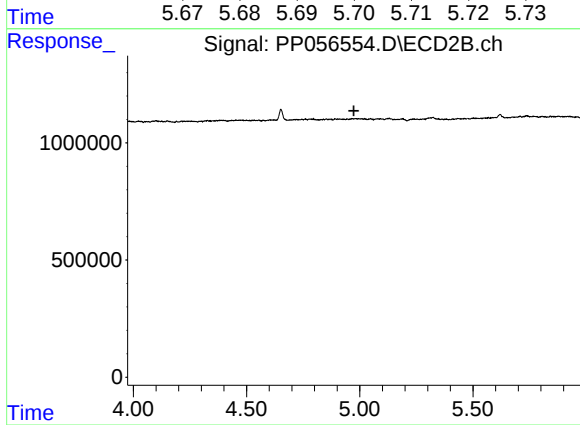
R.T.: 4.777 min
Delta R.T.: -0.018 min
Response: 104557
Conc: 1.13 ng/ml



#5 AR-1016-3

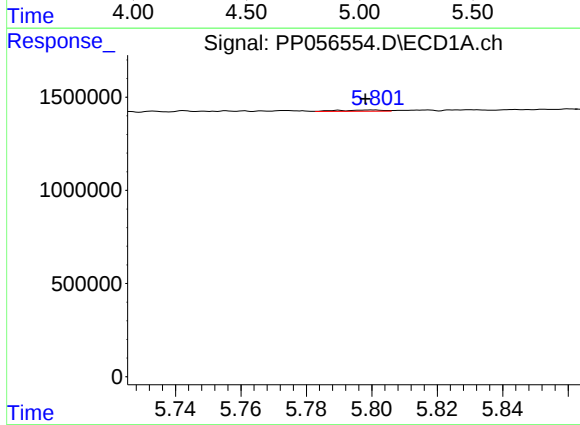
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 12755
Conc: 0.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



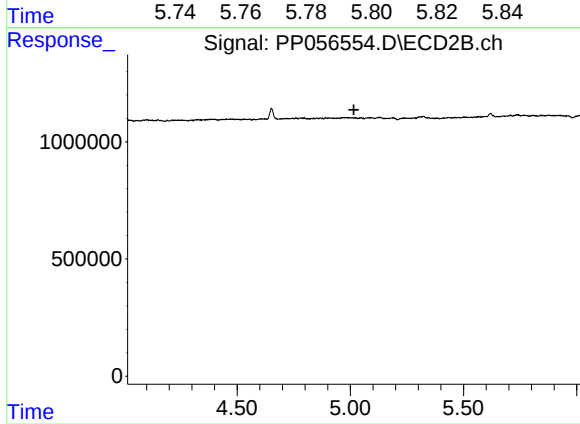
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.974 min
Response: 0
Conc: N.D.



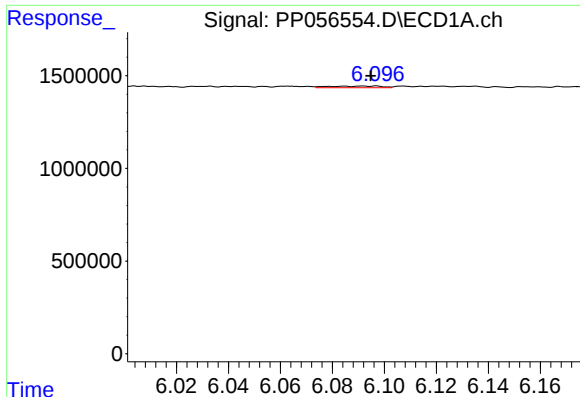
#6 AR-1016-4

R.T.: 5.800 min
Delta R.T.: 0.002 min
Response: 61701
Conc: 1.36 ng/ml



#6 AR-1016-4

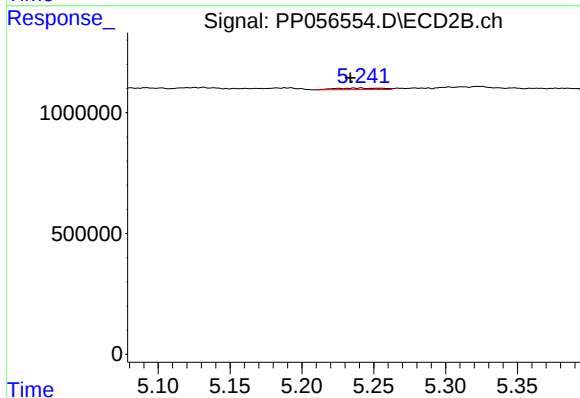
R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.



#7 AR-1016-5

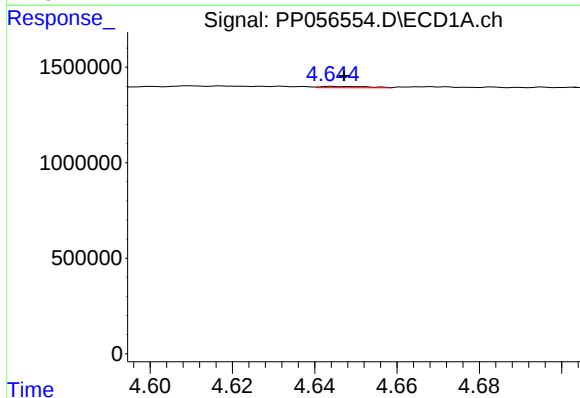
R.T.: 6.097 min
Delta R.T.: 0.002 min
Response: 124459
Conc: 2.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



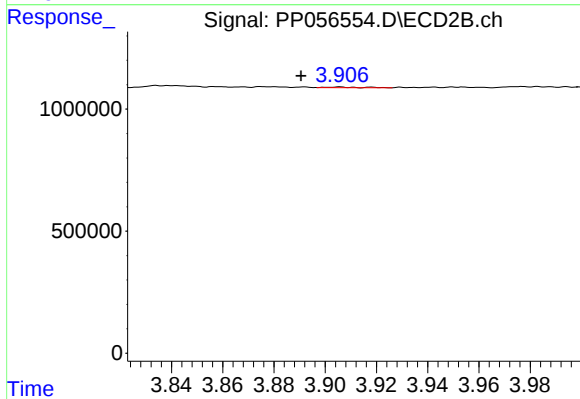
#7 AR-1016-5

R.T.: 5.241 min
Delta R.T.: 0.008 min
Response: 143653
Conc: 2.64 ng/ml



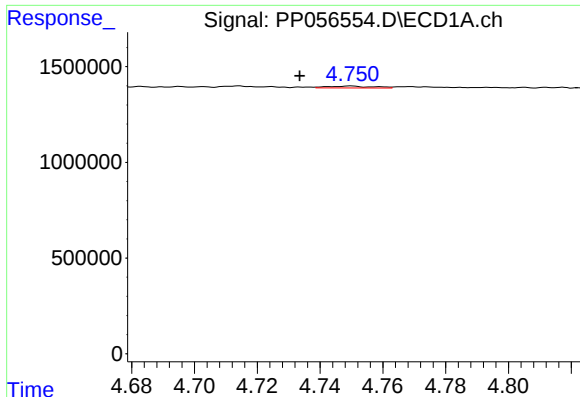
#8 AR-1221-1

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 57555
Conc: 2.29 ng/ml



#8 AR-1221-1

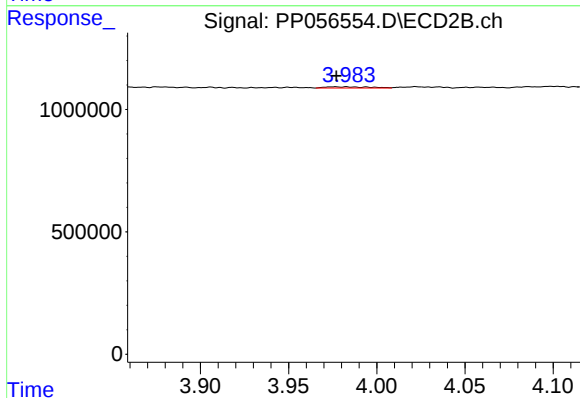
R.T.: 3.906 min
Delta R.T.: 0.015 min
Response: 27288
Conc: 1.09 ng/ml



#9 AR-1221-2

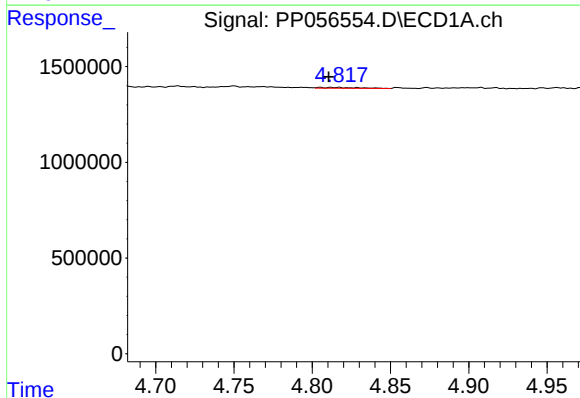
R.T.: 4.750 min
Delta R.T.: 0.016 min
Response: 93864
Conc: 5.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



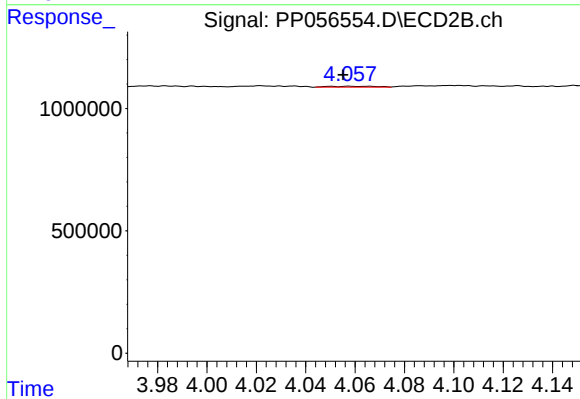
#9 AR-1221-2

R.T.: 3.983 min
Delta R.T.: 0.006 min
Response: 91815
Conc: 4.86 ng/ml



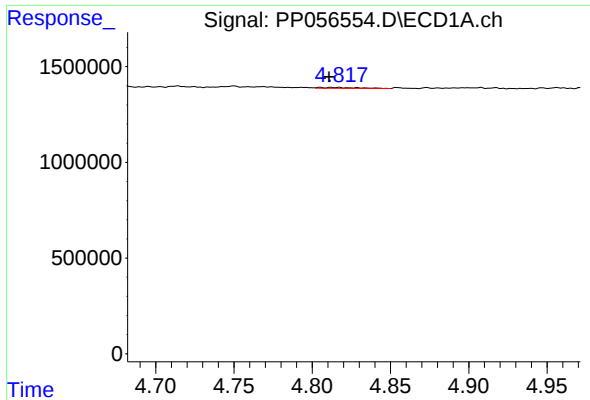
#10 AR-1221-3

R.T.: 4.805 min
Delta R.T.: -0.005 min
Response: 80533
Conc: 1.41 ng/ml



#10 AR-1221-3

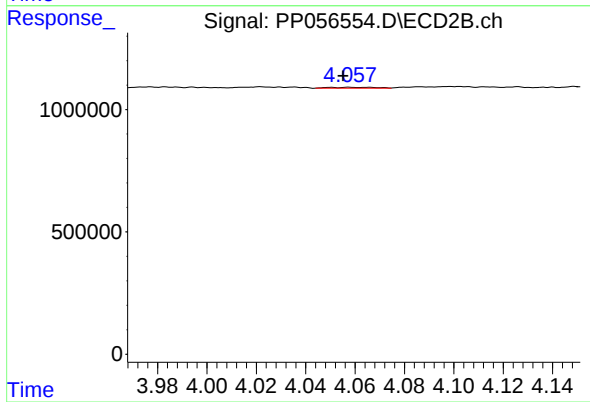
R.T.: 4.058 min
Delta R.T.: 0.003 min
Response: 50184
Conc: 0.85 ng/ml



#11 AR-1232-1

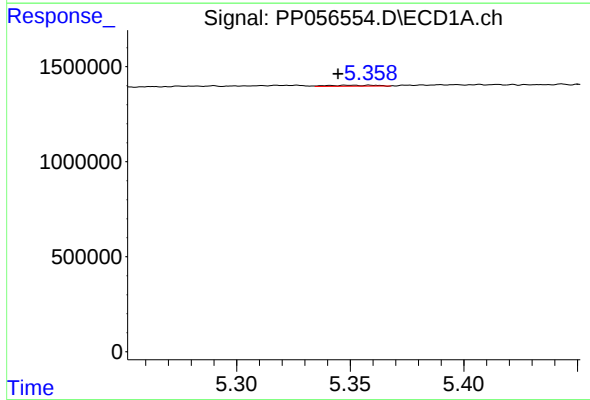
R.T.: 4.805 min
Delta R.T.: -0.006 min
Response: 80533
Conc: 1.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



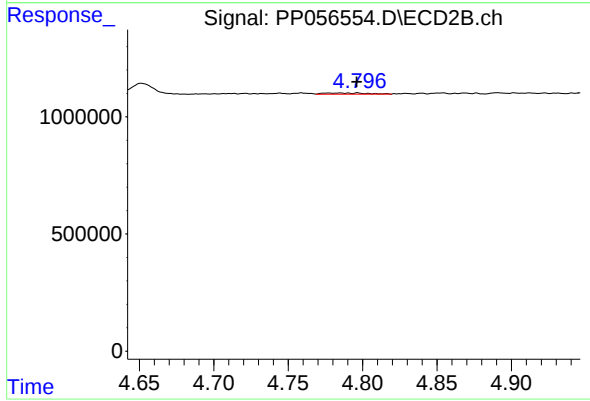
#11 AR-1232-1

R.T.: 4.058 min
Delta R.T.: 0.003 min
Response: 50184
Conc: 1.01 ng/ml



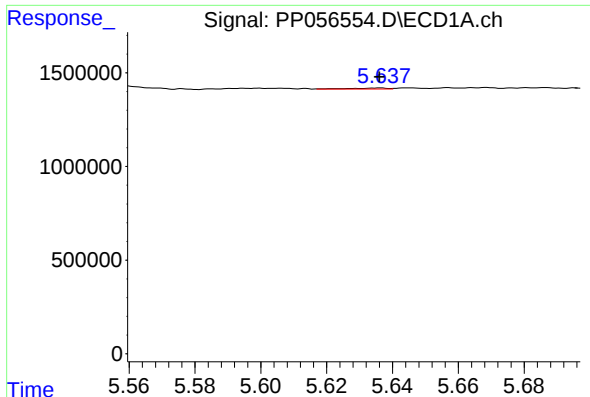
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: 0.004 min
Response: 76104
Conc: 3.16 ng/ml



#12 AR-1232-2

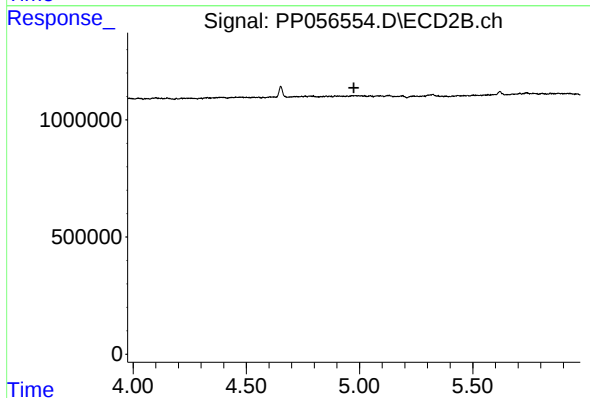
R.T.: 4.777 min
Delta R.T.: -0.019 min
Response: 104557
Conc: 2.42 ng/ml



#13 AR-1232-3

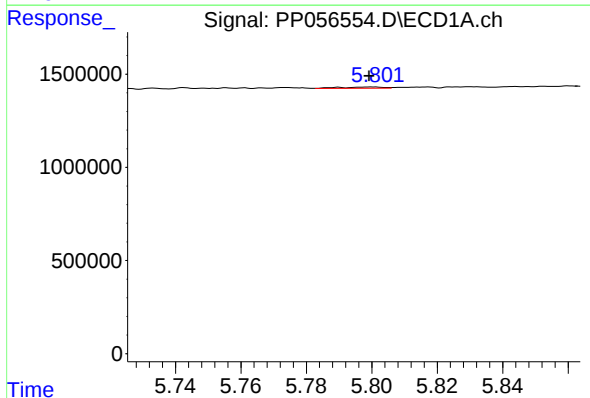
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 47502
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



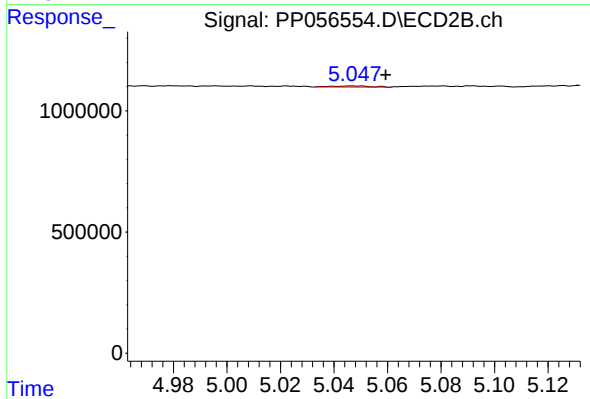
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.975 min
Response: 0
Conc: N.D.



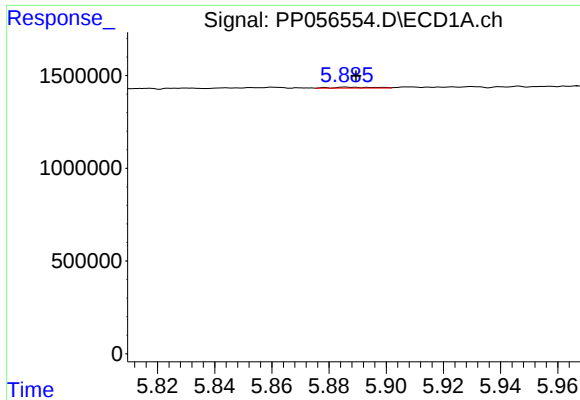
#14 AR-1232-4

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 61701
Conc: 3.06 ng/ml



#14 AR-1232-4

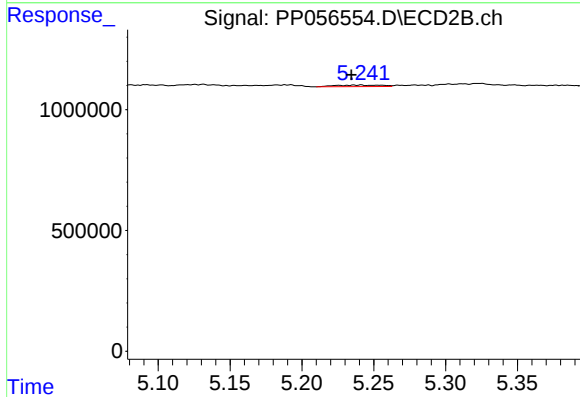
R.T.: 5.047 min
Delta R.T.: -0.012 min
Response: 44419
Conc: 1.96 ng/ml



#15 AR-1232-5

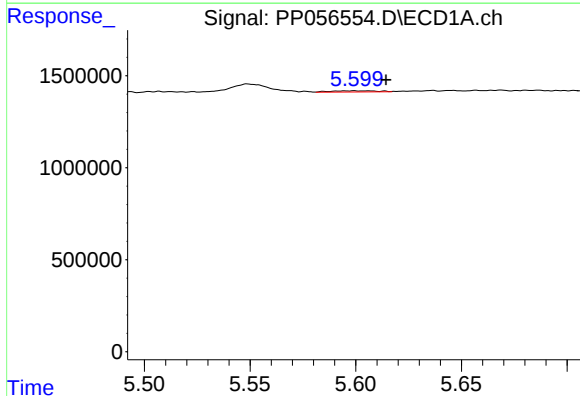
R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 47716
Conc: 2.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



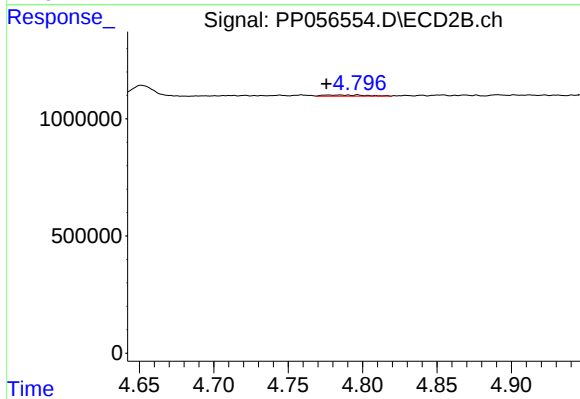
#15 AR-1232-5

R.T.: 5.241 min
Delta R.T.: 0.007 min
Response: 143653
Conc: 5.83 ng/ml



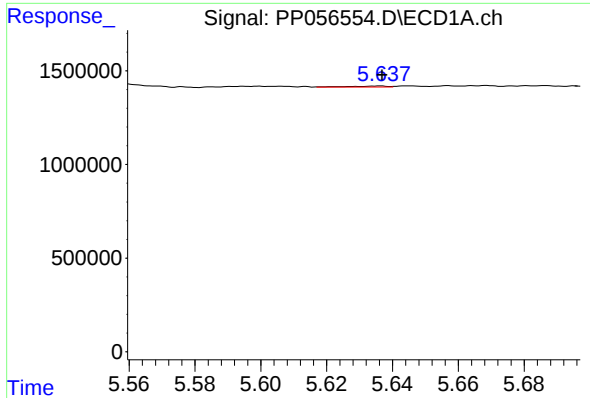
#16 AR-1242-1

R.T.: 5.599 min
Delta R.T.: -0.015 min
Response: 95882
Conc: 1.89 ng/ml



#16 AR-1242-1

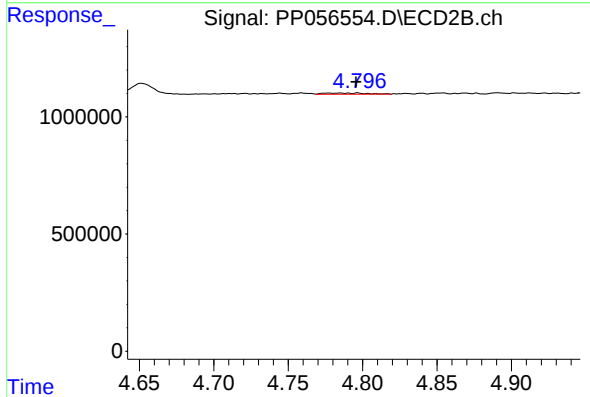
R.T.: 4.777 min
Delta R.T.: 0.001 min
Response: 104557
Conc: 2.02 ng/ml



#17 AR-1242-2

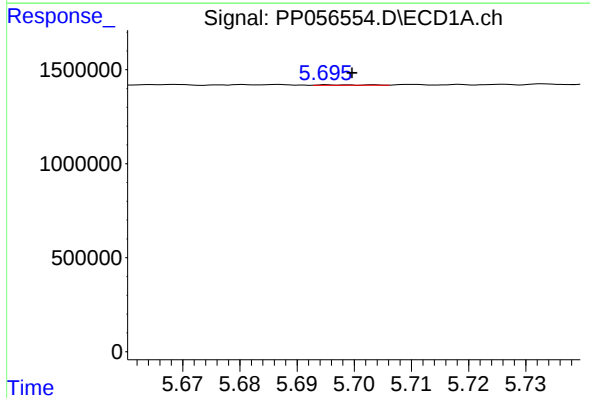
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 47502
Conc: 0.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



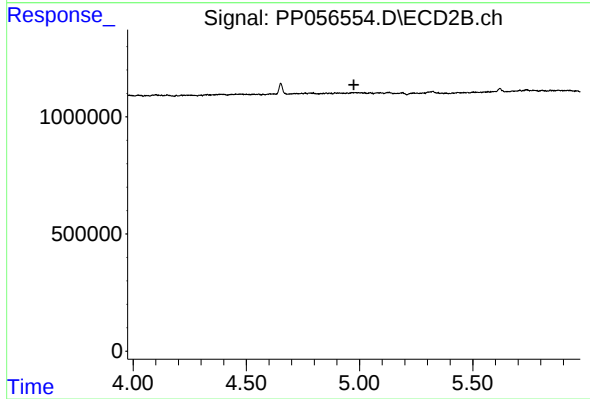
#17 AR-1242-2

R.T.: 4.777 min
Delta R.T.: -0.018 min
Response: 104557
Conc: 1.40 ng/ml



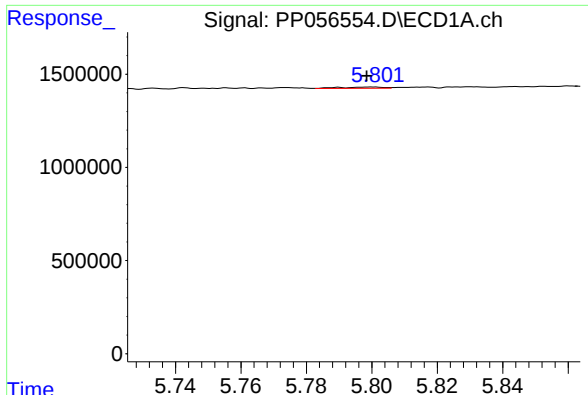
#18 AR-1242-3

R.T.: 5.696 min
Delta R.T.: -0.004 min
Response: 12755
Conc: 0.27 ng/ml



#18 AR-1242-3

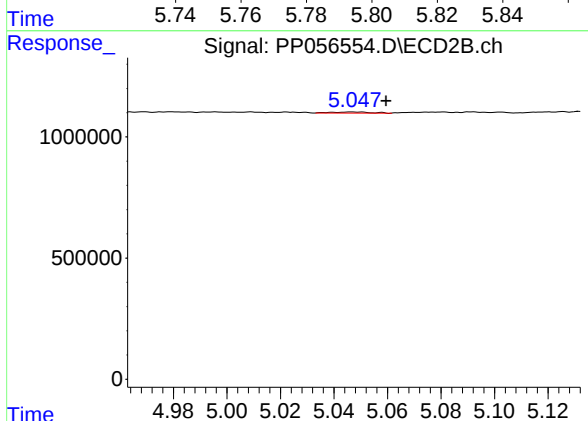
R.T.: 0.000 min
Exp R.T.: 4.975 min
Response: 0
Conc: N.D.



#19 AR-1242-4

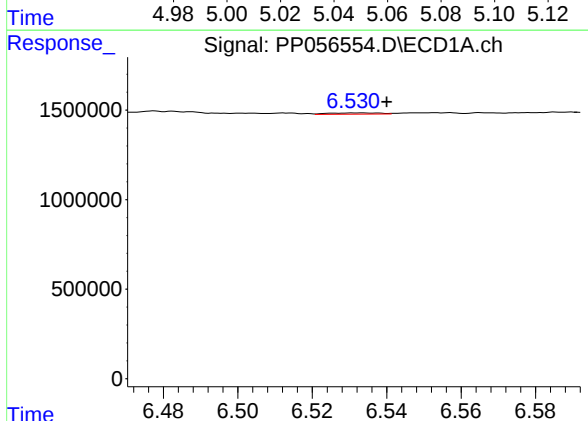
R.T.: 5.800 min
Delta R.T.: 0.001 min
Response: 61701
Conc: 1.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



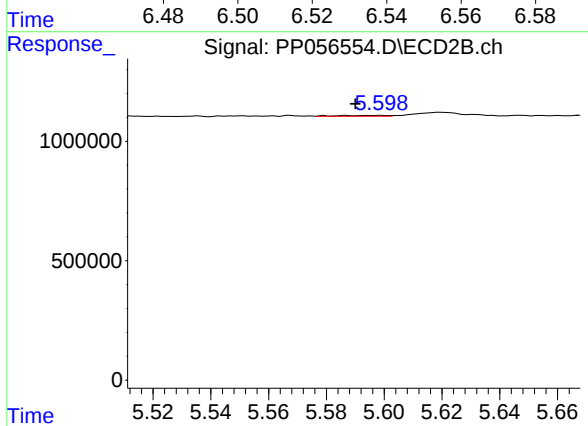
#19 AR-1242-4

R.T.: 5.047 min
Delta R.T.: -0.013 min
Response: 44419
Conc: 1.03 ng/ml



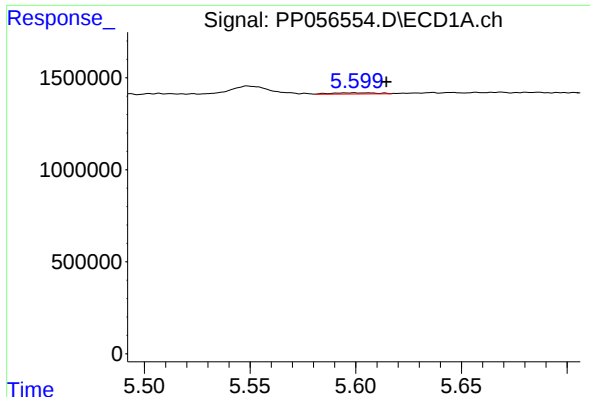
#20 AR-1242-5

R.T.: 6.532 min
Delta R.T.: -0.008 min
Response: 69466
Conc: 2.00 ng/ml



#20 AR-1242-5

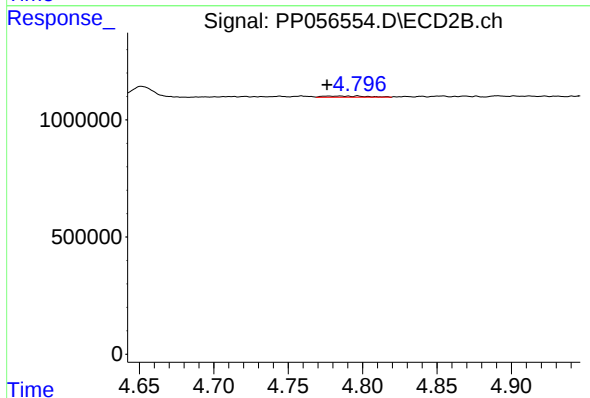
R.T.: 5.598 min
Delta R.T.: 0.008 min
Response: 49080
Conc: 1.07 ng/ml



#21 AR-1248-1

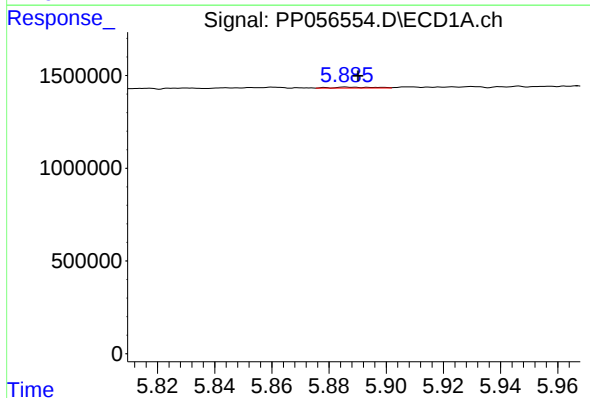
R.T.: 5.599 min
Delta R.T.: -0.015 min
Response: 95882
Conc: 2.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



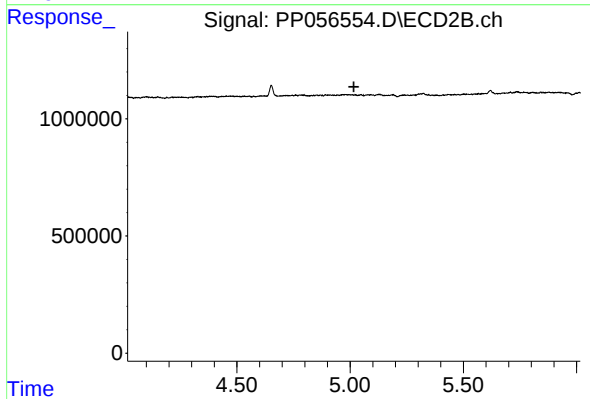
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 104557
Conc: 2.67 ng/ml



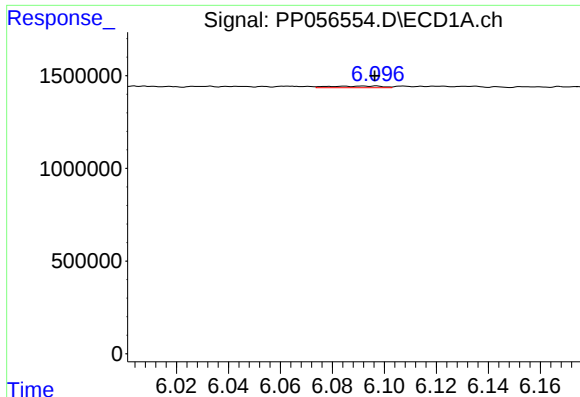
#22 AR-1248-2

R.T.: 5.886 min
Delta R.T.: -0.004 min
Response: 47716
Conc: 0.81 ng/ml



#22 AR-1248-2

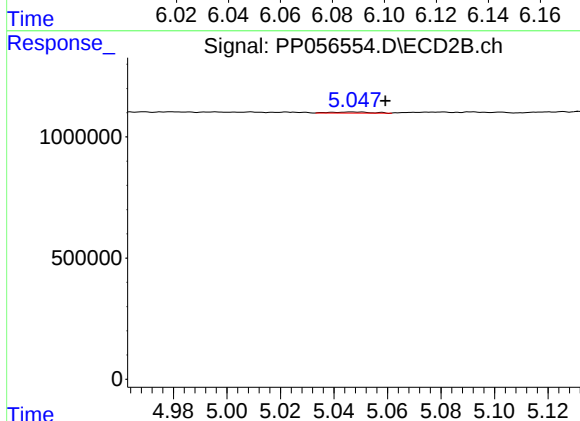
R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.



#23 AR-1248-3

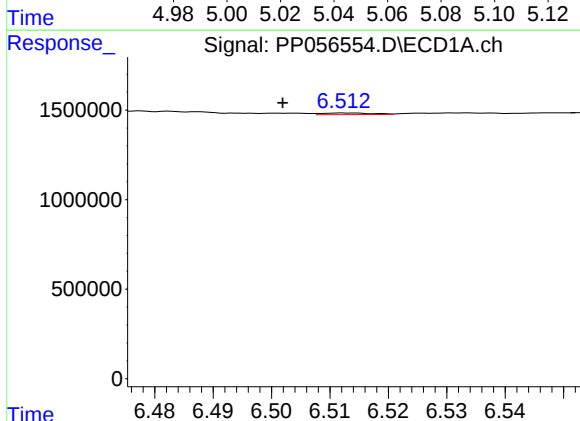
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 124459
Conc: 1.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



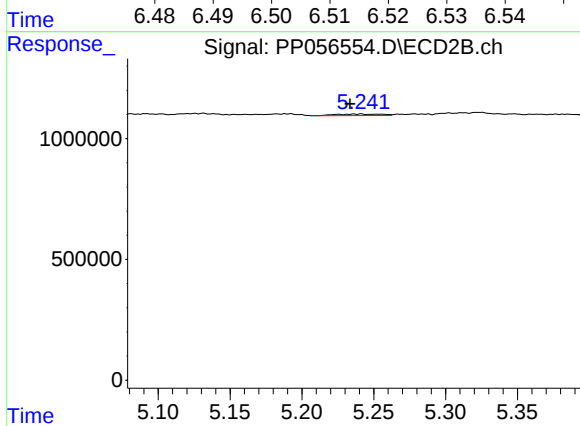
#23 AR-1248-3

R.T.: 5.047 min
Delta R.T.: -0.012 min
Response: 44419
Conc: 0.70 ng/ml



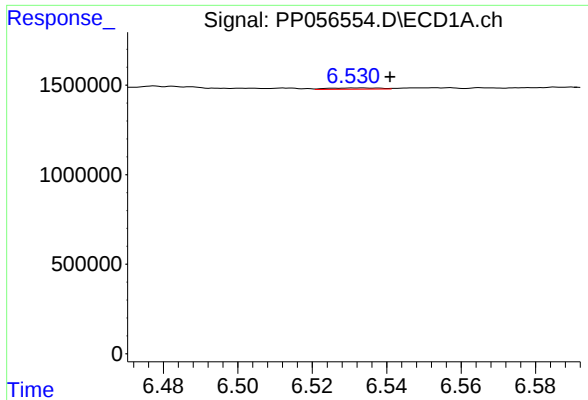
#24 AR-1248-4

R.T.: 6.513 min
Delta R.T.: 0.011 min
Response: 57735
Conc: 0.93 ng/ml



#24 AR-1248-4

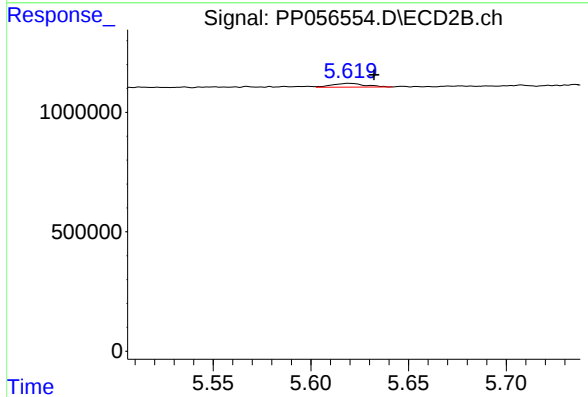
R.T.: 5.241 min
Delta R.T.: 0.008 min
Response: 143653
Conc: 1.96 ng/ml



#25 AR-1248-5

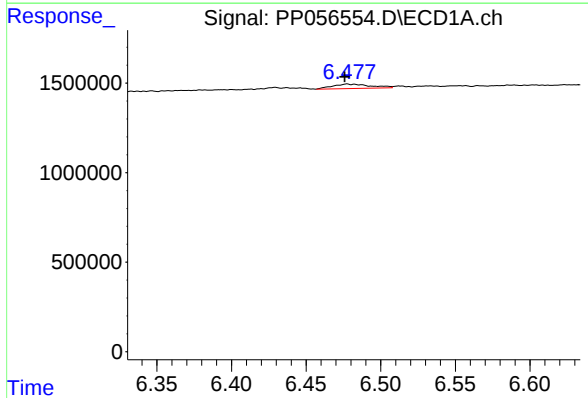
R.T.: 6.532 min
Delta R.T.: -0.009 min
Response: 69466
Conc: 1.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



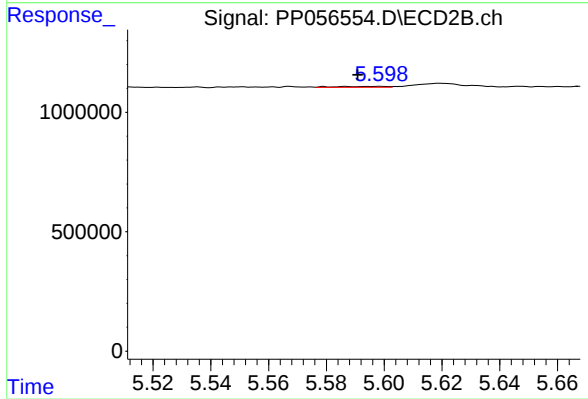
#25 AR-1248-5

R.T.: 5.620 min
Delta R.T.: -0.013 min
Response: 187350
Conc: 3.12 ng/ml



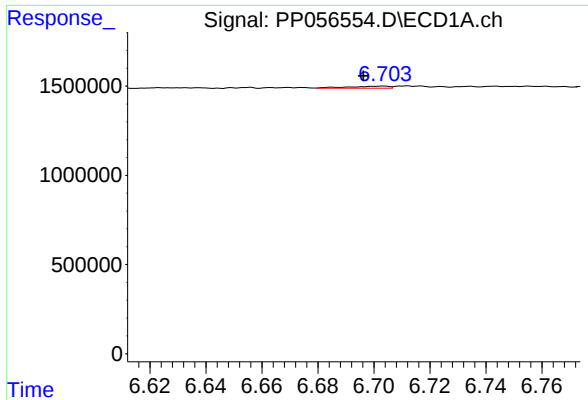
#26 AR-1254-1

R.T.: 6.478 min
Delta R.T.: 0.002 min
Response: 444652
Conc: 6.08 ng/ml



#26 AR-1254-1

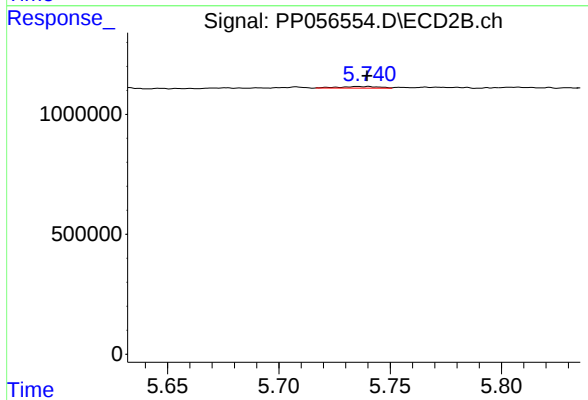
R.T.: 5.598 min
Delta R.T.: 0.008 min
Response: 49080
Conc: 0.46 ng/ml



#27 AR-1254-2

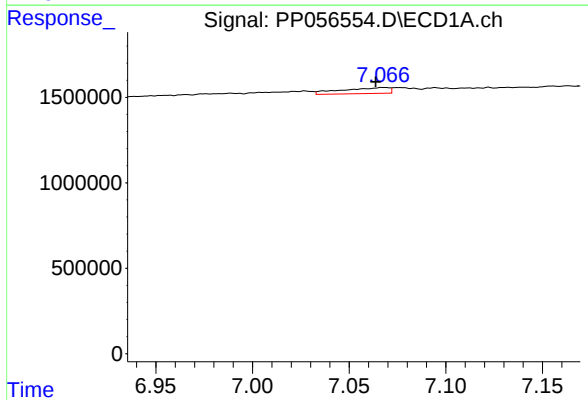
R.T.: 6.703 min
Delta R.T.: 0.007 min
Response: 115927
Conc: 1.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



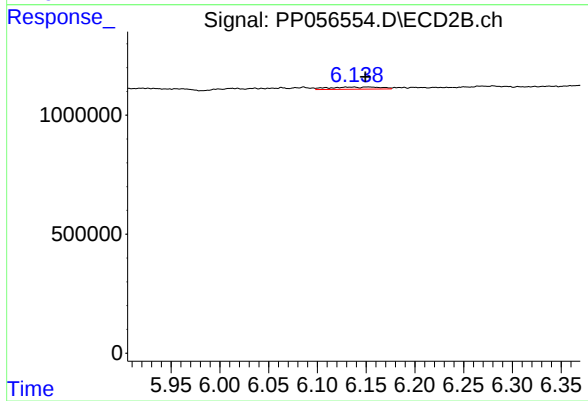
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 86261
Conc: 0.95 ng/ml



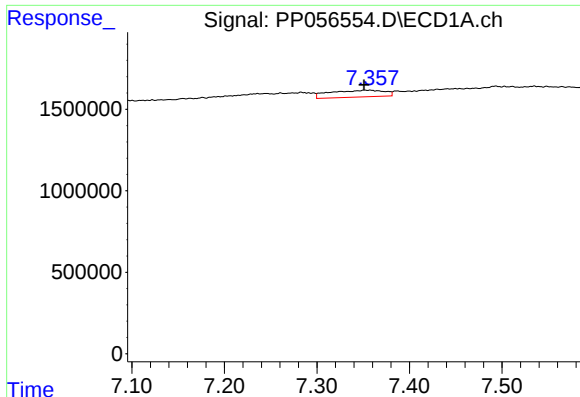
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.004 min
Response: 588379
Conc: 5.51 ng/ml



#28 AR-1254-3

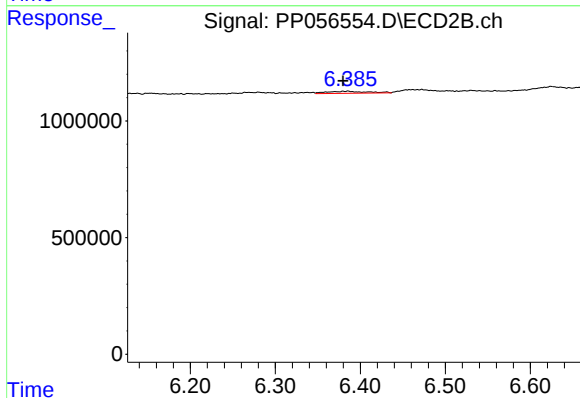
R.T.: 6.152 min
Delta R.T.: 0.003 min
Response: 335069
Conc: 2.38 ng/ml



#29 AR-1254-4

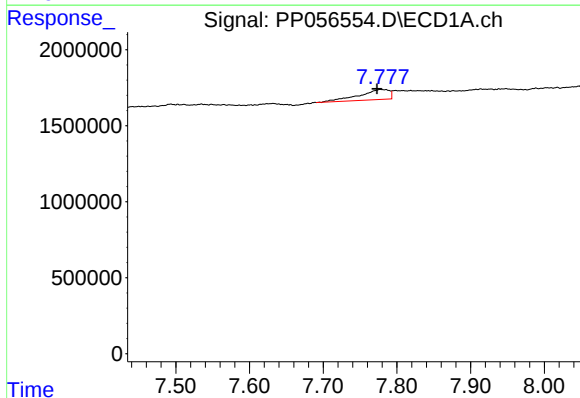
R.T.: 7.358 min
Delta R.T.: 0.007 min
Response: 1710716
Conc: 25.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



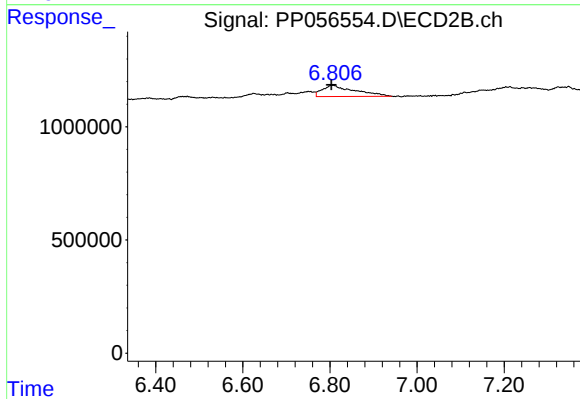
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.005 min
Response: 268835
Conc: 3.63 ng/ml



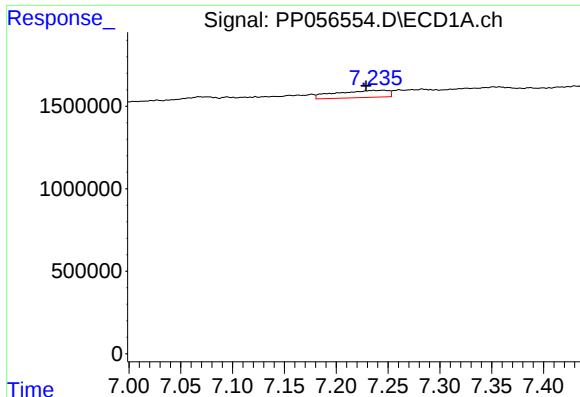
#30 AR-1254-5

R.T.: 7.778 min
Delta R.T.: 0.005 min
Response: 1891888
Conc: 24.94 ng/ml



#30 AR-1254-5

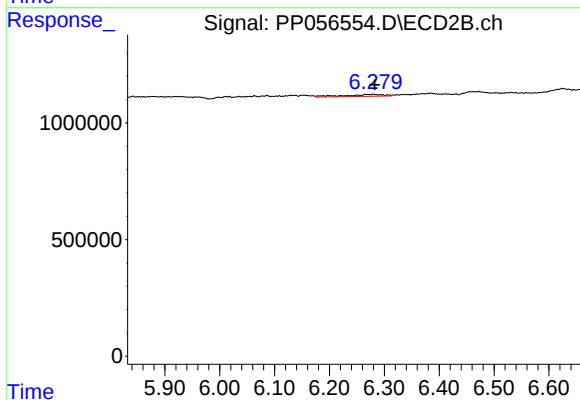
R.T.: 6.806 min
Delta R.T.: 0.002 min
Response: 2588716
Conc: 21.79 ng/ml



#31 AR-1260-1

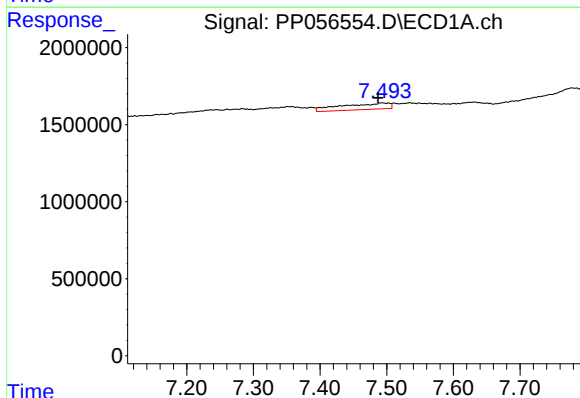
R.T.: 7.236 min
Delta R.T.: 0.007 min
Response: 1509690
Conc: 17.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



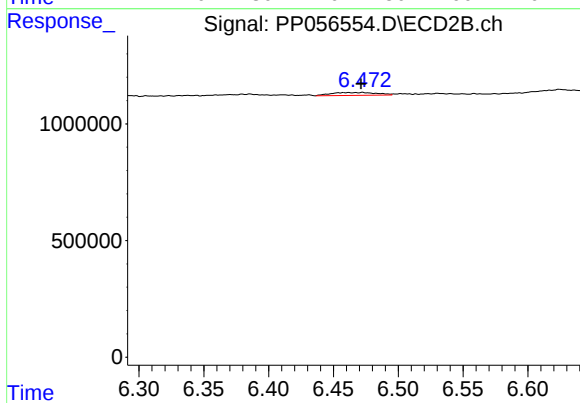
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: -0.002 min
Response: 406254
Conc: 3.86 ng/ml



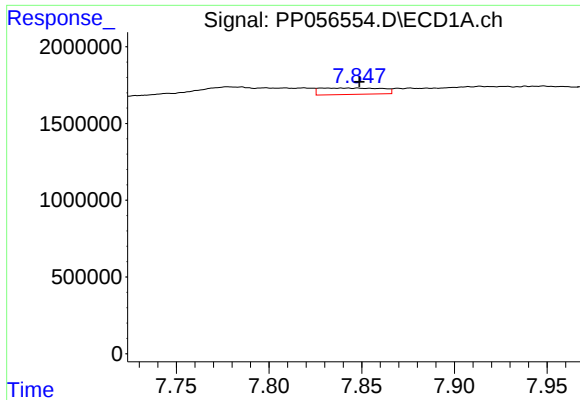
#32 AR-1260-2

R.T.: 7.493 min
Delta R.T.: 0.006 min
Response: 2087383
Conc: 22.60 ng/ml



#32 AR-1260-2

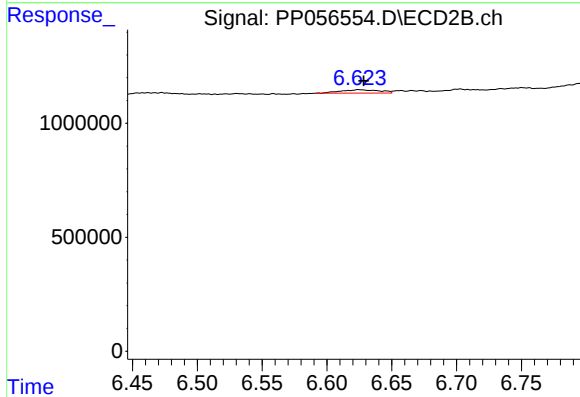
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 296722
Conc: 2.52 ng/ml



#33 AR-1260-3

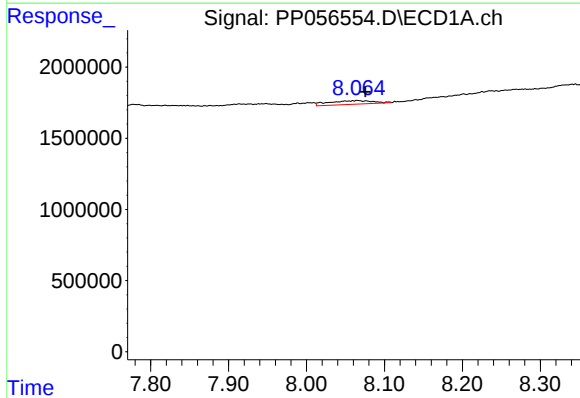
R.T.: 7.829 min
Delta R.T.: -0.019 min
Response: 977587
Conc: 12.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



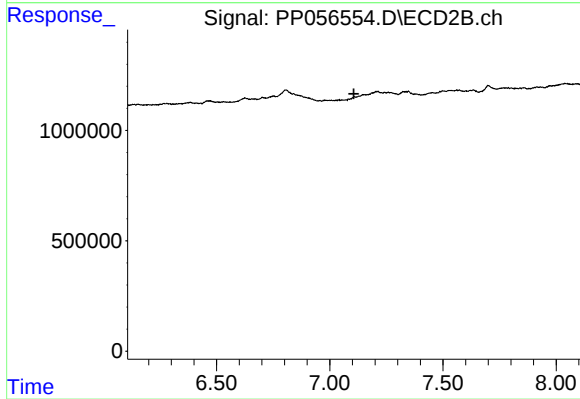
#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 313233
Conc: 2.77 ng/ml



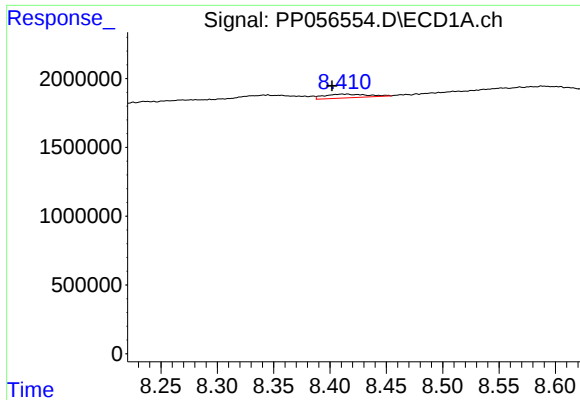
#34 AR-1260-4

R.T.: 8.065 min
Delta R.T.: -0.011 min
Response: 1004327
Conc: 11.98 ng/ml



#34 AR-1260-4

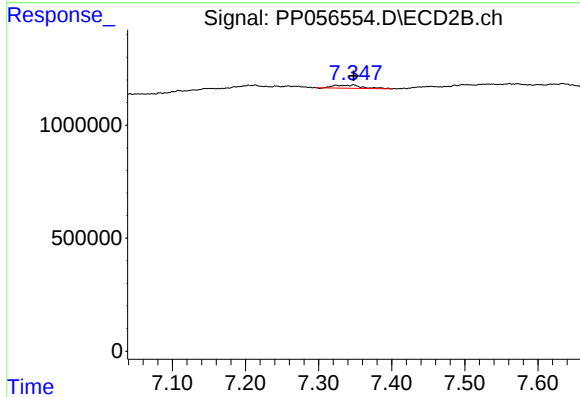
R.T.: 0.000 min
Exp R.T. : 7.107 min
Response: 0
Conc: N.D.



#35 AR-1260-5

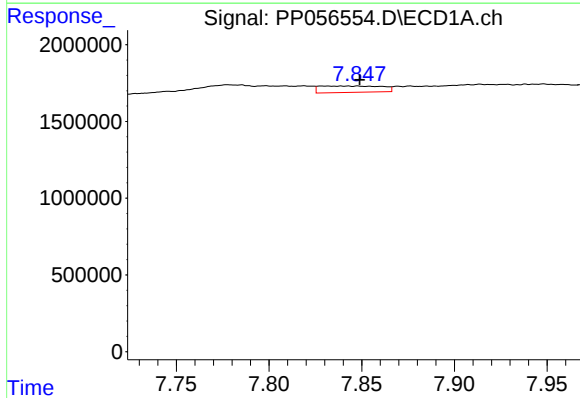
R.T.: 8.410 min
Delta R.T.: 0.009 min
Response: 729392
Conc: 5.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



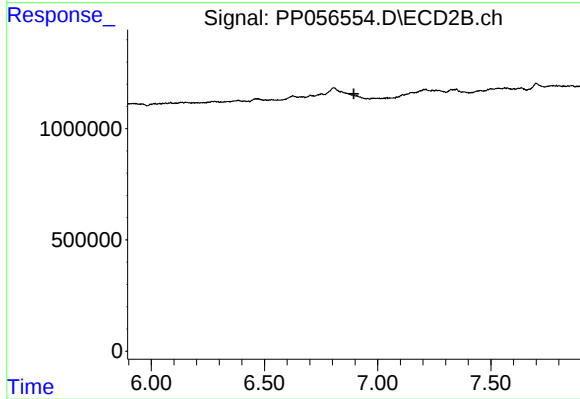
#35 AR-1260-5

R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 375044
Conc: 2.24 ng/ml



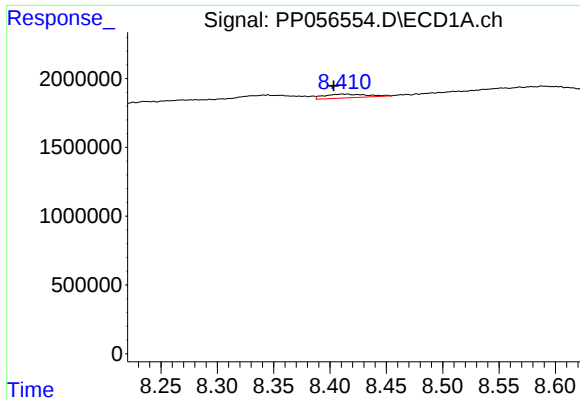
#36 AR-1262-1

R.T.: 7.829 min
Delta R.T.: -0.019 min
Response: 977587
Conc: 10.05 ng/ml



#36 AR-1262-1

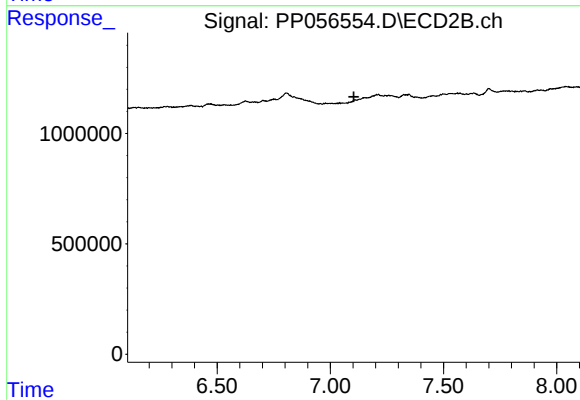
R.T.: 0.000 min
Exp R.T. : 6.895 min
Response: 0
Conc: N.D.



#37 AR-1262-2

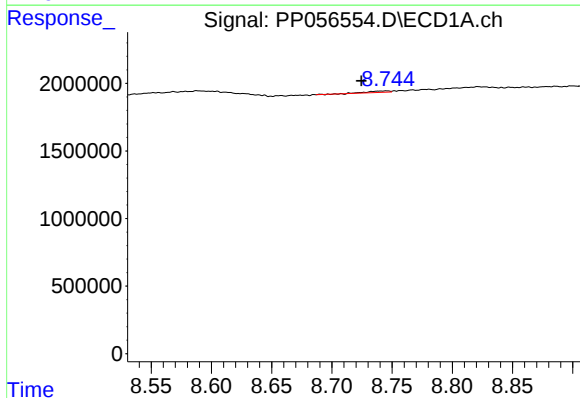
R.T.: 8.410 min
Delta R.T.: 0.007 min
Response: 729392
Conc: 5.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



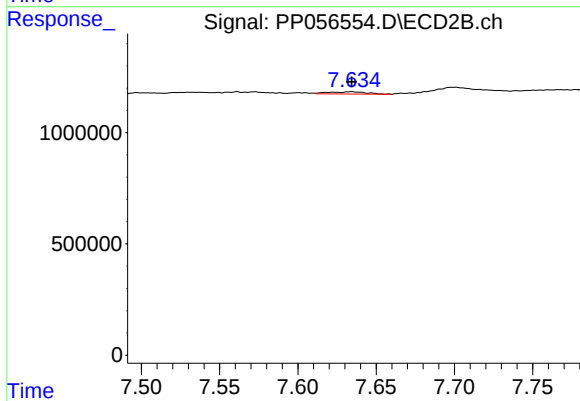
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.104 min
Response: 0
Conc: N.D.



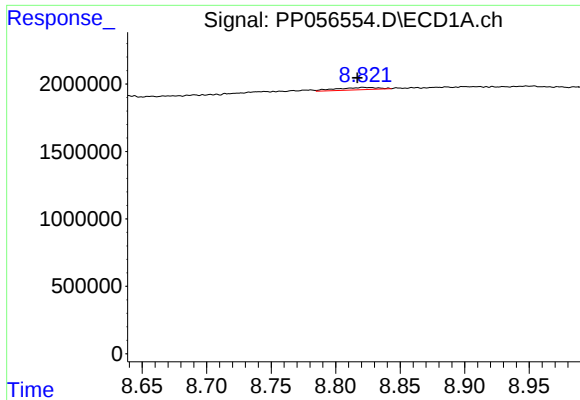
#38 AR-1262-3

R.T.: 8.745 min
Delta R.T.: 0.021 min
Response: 139991
Conc: 1.42 ng/ml



#38 AR-1262-3

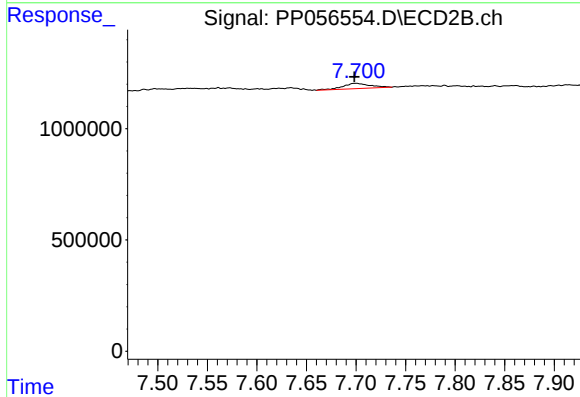
R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 163820
Conc: 2.42 ng/ml



#39 AR-1262-4

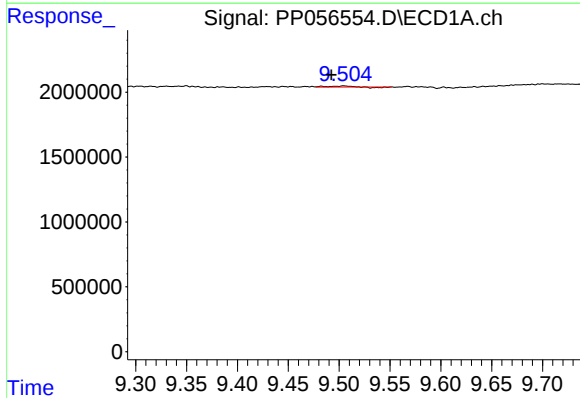
R.T.: 8.822 min
Delta R.T.: 0.005 min
Response: 386247
Conc: 8.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



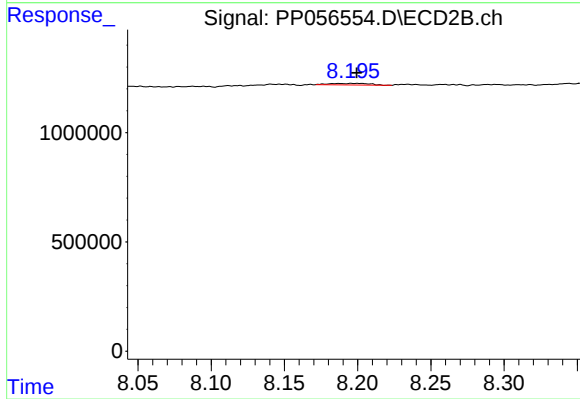
#39 AR-1262-4

R.T.: 7.700 min
Delta R.T.: 0.001 min
Response: 455655
Conc: 3.78 ng/ml



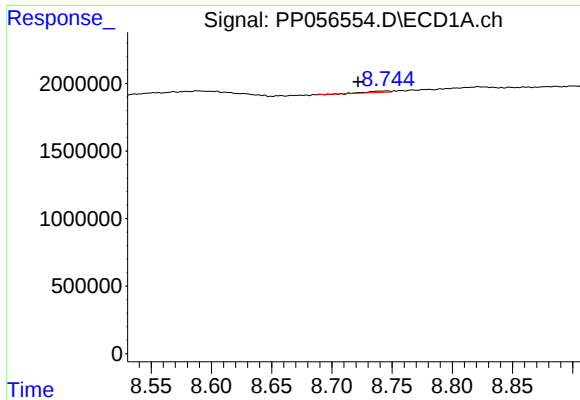
#40 AR-1262-5

R.T.: 9.505 min
Delta R.T.: 0.012 min
Response: 85238
Conc: 1.88 ng/ml



#40 AR-1262-5

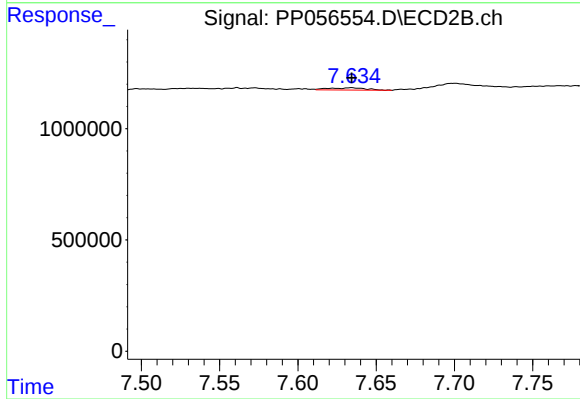
R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 131144
Conc: 2.87 ng/ml



#41 AR-1268-1

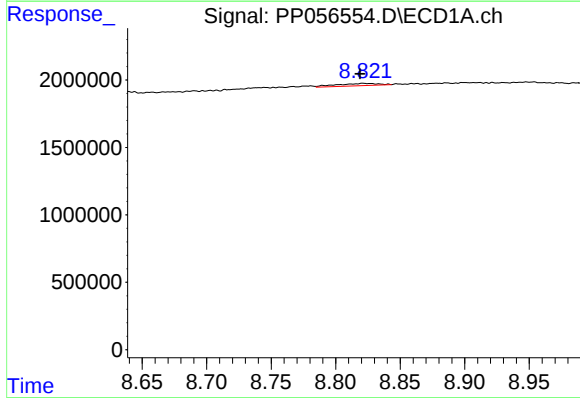
R.T.: 8.745 min
Delta R.T.: 0.023 min
Response: 139991
Conc: 0.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



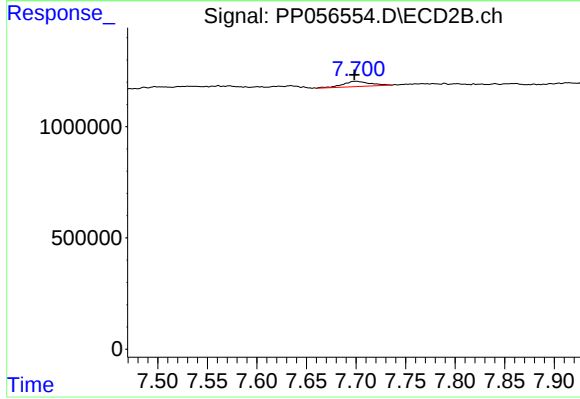
#41 AR-1268-1

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 163820
Conc: 0.78 ng/ml



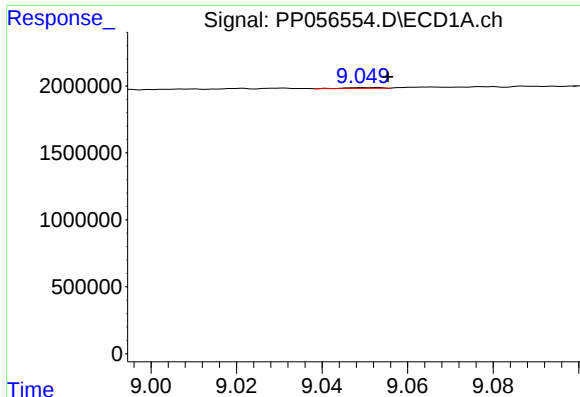
#42 AR-1268-2

R.T.: 8.822 min
Delta R.T.: 0.003 min
Response: 386247
Conc: 2.19 ng/ml



#42 AR-1268-2

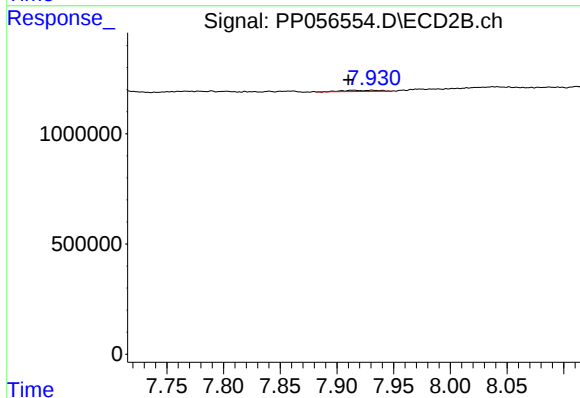
R.T.: 7.700 min
Delta R.T.: 0.002 min
Response: 455655
Conc: 2.31 ng/ml



#43 AR-1268-3

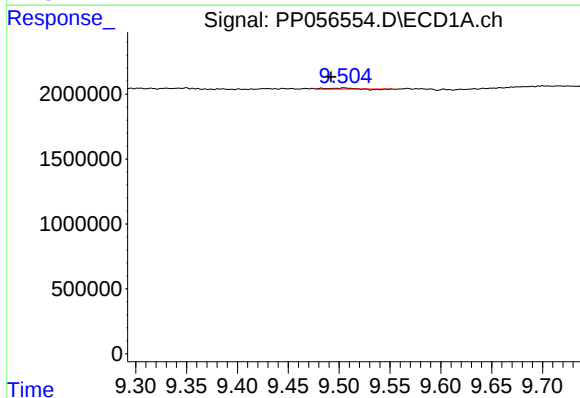
R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 31353
Conc: 0.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



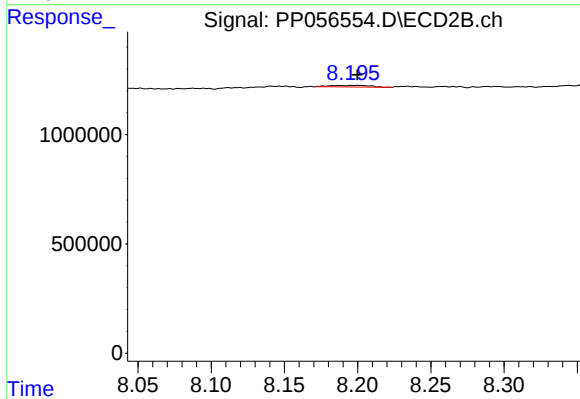
#43 AR-1268-3

R.T.: 7.931 min
Delta R.T.: 0.021 min
Response: 120441
Conc: 0.70 ng/ml



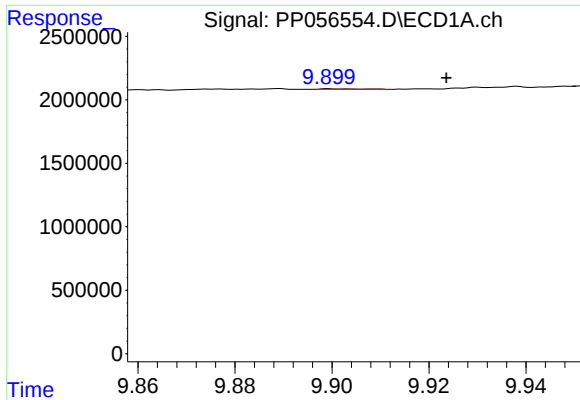
#44 AR-1268-4

R.T.: 9.505 min
Delta R.T.: 0.013 min
Response: 85238
Conc: 1.64 ng/ml



#44 AR-1268-4

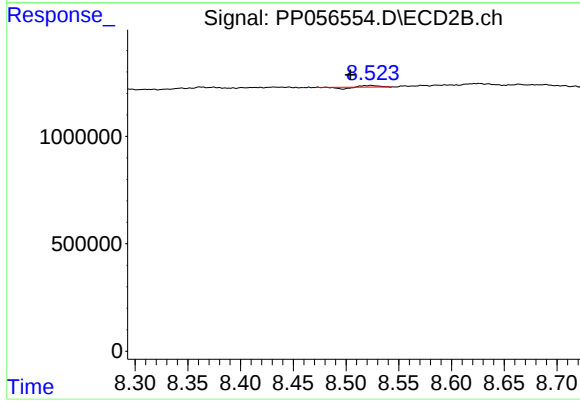
R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 131144
Conc: 2.35 ng/ml



#45 AR-1268-5

R.T.: 9.900 min
Delta R.T.: -0.024 min
Response: 22330
Conc: 0.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.523 min
Delta R.T.: 0.019 min
Response: 18982
Conc: 0.04 ng/ml