

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081523\
 Data File : PP059364.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2023 16:32
 Operator : YP\AJ
 Sample : 04016-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 00:09:17 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...	4.414	3.645	25117658	43699739	20.470	21.568
2)	SA Decachlor...	10.204	8.678	14573932	27035917	19.095	19.218
Target Compounds							
3)	L1 AR-1016-1	5.586	4.745	37820	35637	0.963	0.556 #
4)	L1 AR-1016-2	5.630	4.762	86140	102328	1.520	1.126 #
5)	L1 AR-1016-3	5.675	4.938	77721	179178	2.166	3.729 #
6)	L1 AR-1016-4	5.776	4.981	47216	4337	1.630	0.105 #
7)	L1 AR-1016-5	6.072	5.199	184570	85990	6.099	1.653 #
8)	L2 AR-1221-1	4.622	3.868	377700	411225	23.975	15.149 #
9)	L2 AR-1221-2	4.723	3.946	361593	1416622	30.620	71.152 #
10)	L2 AR-1221-3	4.795	4.022	17695	152176	0.503	2.556 #
11)	L3 AR-1232-1	4.795	4.022	17695	152176	0.602	3.207 #
12)	L3 AR-1232-2	5.330	4.762	33809	102328	2.169	2.412
13)	L3 AR-1232-3	5.630	4.938	86140	179178	3.262	8.076 #
14)	L3 AR-1232-4	5.776	5.023	47216	22955	3.568	1.087 #
15)	L3 AR-1232-5	5.863	5.199	6960	85990	0.610	3.751 #
16)	L4 AR-1242-1	5.586	4.740	37820	56770	1.105	1.014
17)	L4 AR-1242-2	5.630	4.762	86140	102328	1.755	1.283 #
18)	L4 AR-1242-3	5.675	4.938	77721	179178	2.474	4.204 #
19)	L4 AR-1242-4	5.776	5.023	47216	22955	1.841	0.526 #
20)	L4 AR-1242-5	0.000	5.549	0	78965	N.D.	1.590 #
21)	L5 AR-1248-1	5.586	4.740	37820	56770	1.490	1.380
22)	L5 AR-1248-2	5.863	4.981	6960	4337	0.180	0.072 #
23)	L5 AR-1248-3	6.072	5.023	184570	22955	4.369	0.373 #
24)	L5 AR-1248-4	6.477	5.199	41899	85990	1.006	1.194
25)	L5 AR-1248-5	0.000	5.587	0	75812	N.D.	1.149 #
26)	L6 AR-1254-1	6.452	5.549	196606	78965	4.209	0.779 #
27)	L6 AR-1254-2	6.670	5.698	967448	99670	14.060	1.129 #
28)	L6 AR-1254-3	7.043	6.104	870931	27676	12.619	0.200 #
29)	L6 AR-1254-4	0.000	6.336	0	69354	N.D.	0.863 #
30)	L6 AR-1254-5	7.722f	6.743	20993704	1501910	446.798	12.559 #
31)	L7 AR-1260-1	7.200	6.229	598064	60252	10.932	0.608 #
32)	L7 AR-1260-2	7.478	6.427	333334	120546	5.599	1.042 #
33)	L7 AR-1260-3	0.000	6.591	0	105163	N.D.	0.945 #
34)	L7 AR-1260-4	8.034	7.039	4572385	432711	102.950	4.991 #
35)	L7 AR-1260-5	0.000	7.296	0	211126	N.D.	1.145 #
36)	L8 AR-1262-1	0.000	6.837	0	212051	N.D.	3.686 #
37)	L8 AR-1262-2	0.000	7.039	0	432711	N.D.	3.667 #
38)	L8 AR-1262-3	8.682	7.559f	112146	454731	1.743	5.344 #
39)	L8 AR-1262-4	8.779	7.633	888440	135310	26.755	0.896 #
40)	L8 AR-1262-5	0.000	8.149	0	141829	N.D.	2.224 #
41)	L9 AR-1268-1	8.682	7.559f	112146	454731	0.987	1.865 #

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 Acq On : 15 Aug 2023 16:32
 Operator : YP\AJ
 Sample : 04016-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

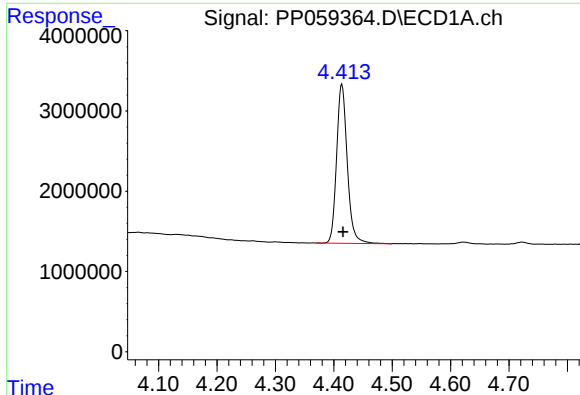
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 00:09:17 2023
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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	8.779	7.633	888440	135310	9.027	0.618 #
43) L9	AR-1268-3	9.015	7.853	35958	29100	0.388	0.149 #
44) L9	AR-1268-4	0.000	8.149	0	141829	N.D.	2.038 #
45) L9	AR-1268-5	9.865	8.425	51708	245540	0.190	0.474 #

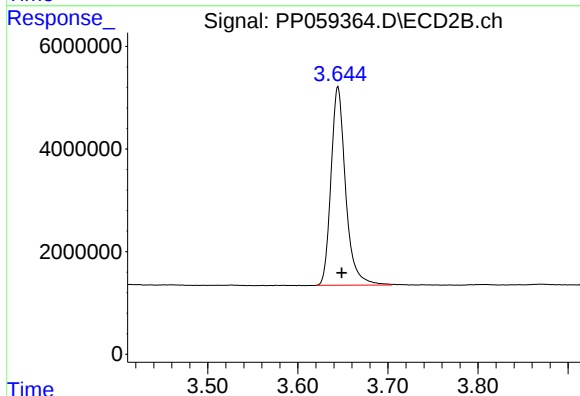
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

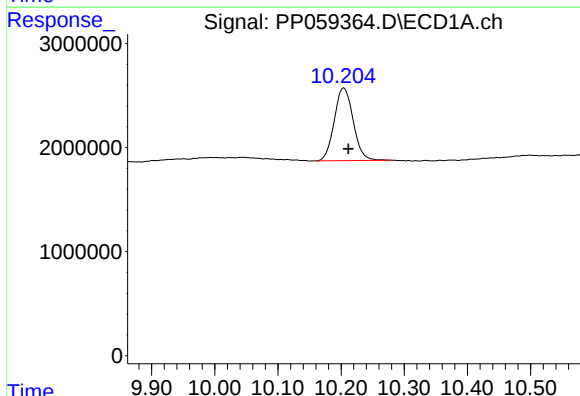
R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 25117658
Conc: 20.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



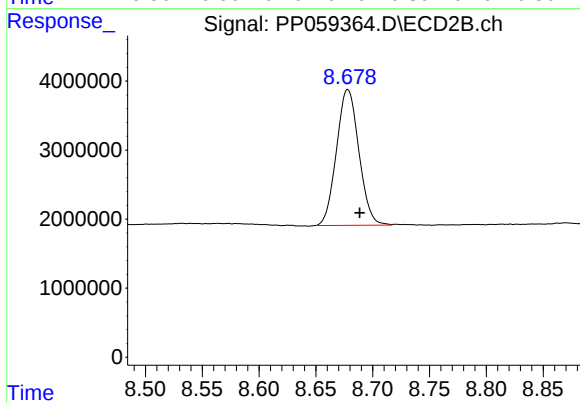
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.004 min
Response: 43699739
Conc: 21.57 ng/ml



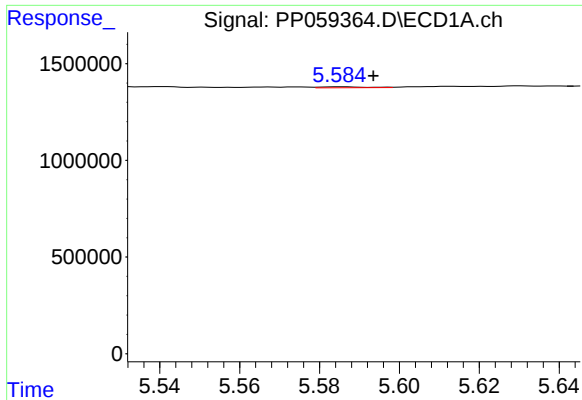
#2 Decachlorobiphenyl

R.T.: 10.204 min
Delta R.T.: -0.007 min
Response: 14573932
Conc: 19.09 ng/ml



#2 Decachlorobiphenyl

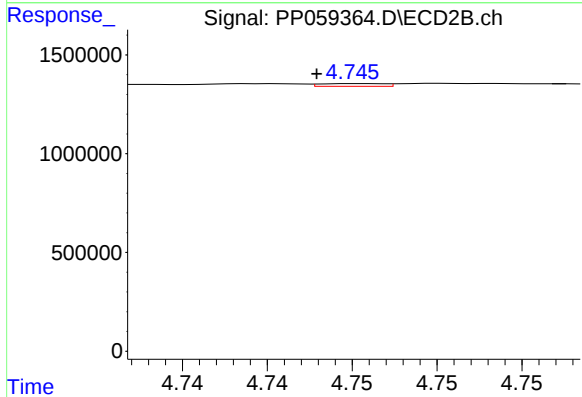
R.T.: 8.678 min
Delta R.T.: -0.011 min
Response: 27035917
Conc: 19.22 ng/ml



#3 AR-1016-1

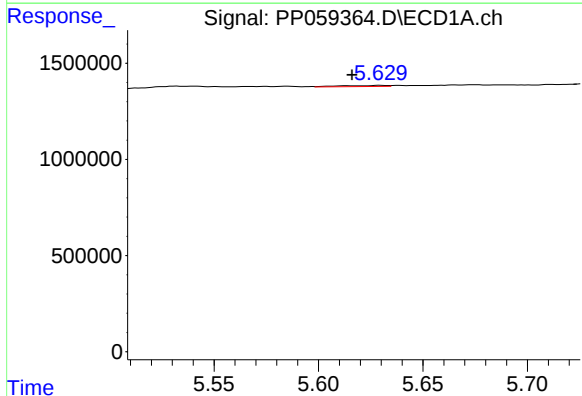
R.T.: 5.586 min
Delta R.T.: -0.008 min
Response: 37820
Conc: 0.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



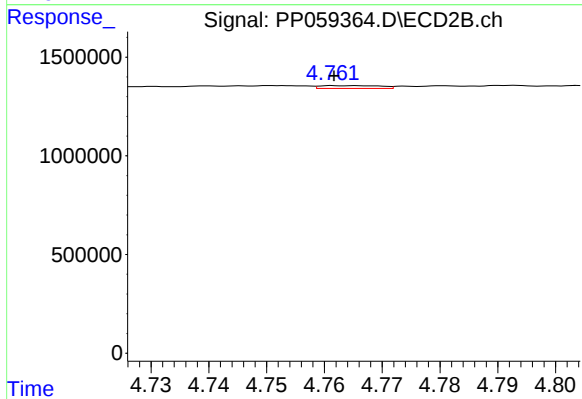
#3 AR-1016-1

R.T.: 4.745 min
Delta R.T.: 0.002 min
Response: 35637
Conc: 0.56 ng/ml



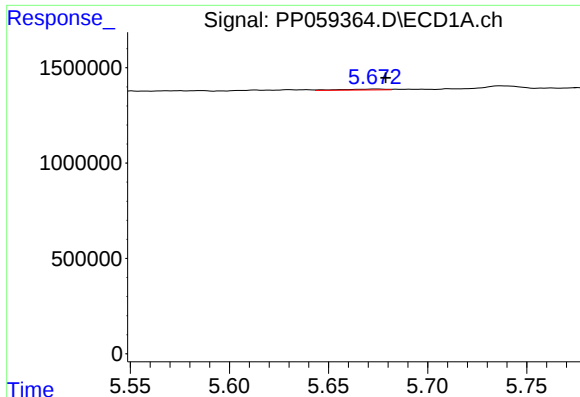
#4 AR-1016-2

R.T.: 5.630 min
Delta R.T.: 0.014 min
Response: 86140
Conc: 1.52 ng/ml



#4 AR-1016-2

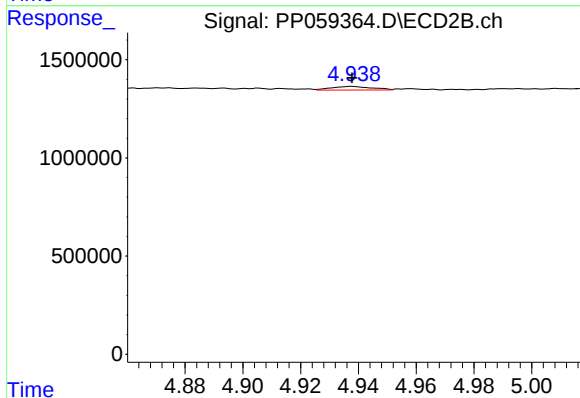
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 102328
Conc: 1.13 ng/ml



#5 AR-1016-3

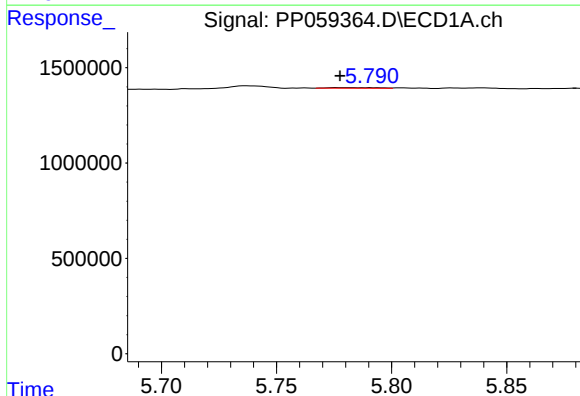
R.T.: 5.675 min
Delta R.T.: -0.003 min
Response: 77721
Conc: 2.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



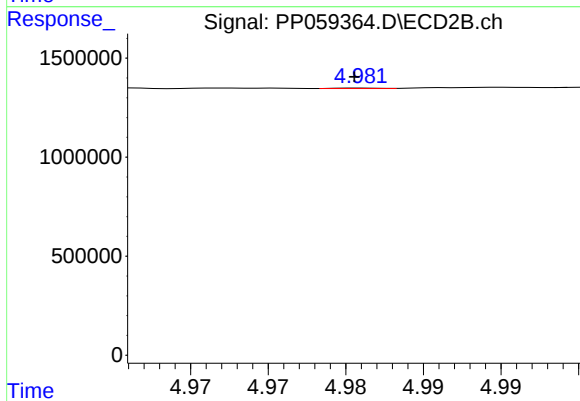
#5 AR-1016-3

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 179178
Conc: 3.73 ng/ml



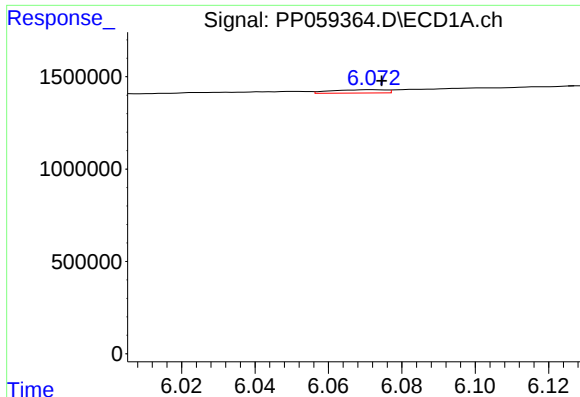
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 47216
Conc: 1.63 ng/ml



#6 AR-1016-4

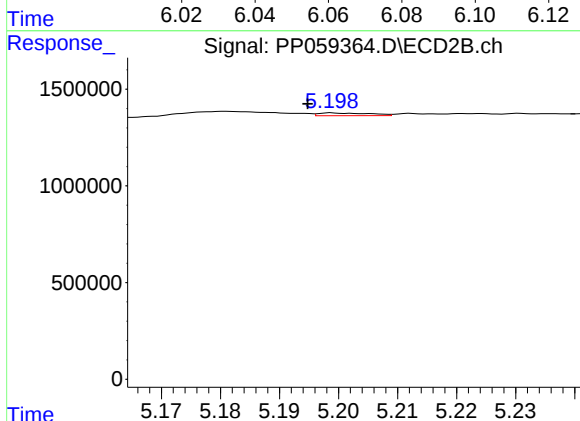
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 4337
Conc: 0.11 ng/ml



#7 AR-1016-5

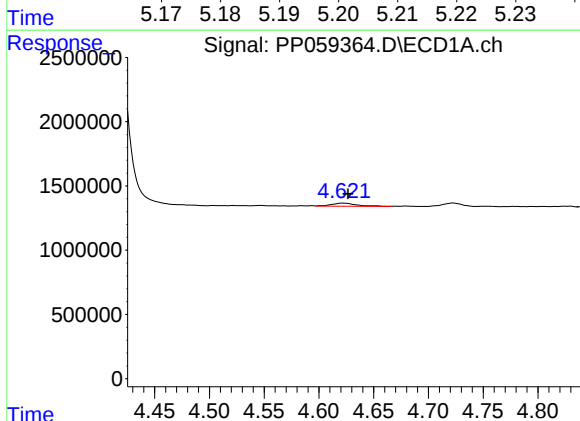
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 184570
Conc: 6.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



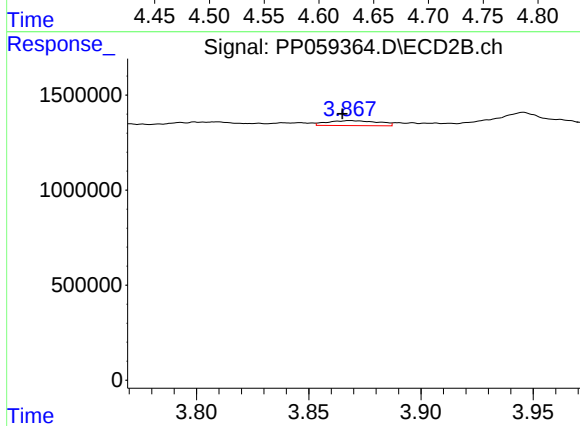
#7 AR-1016-5

R.T.: 5.199 min
Delta R.T.: 0.004 min
Response: 85990
Conc: 1.65 ng/ml



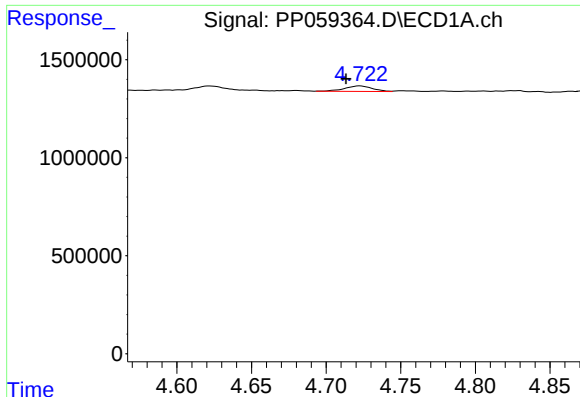
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: -0.005 min
Response: 377700
Conc: 23.97 ng/ml



#8 AR-1221-1

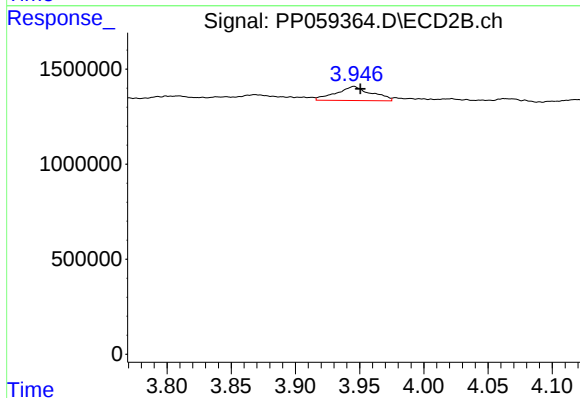
R.T.: 3.868 min
Delta R.T.: 0.003 min
Response: 411225
Conc: 15.15 ng/ml



#9 AR-1221-2

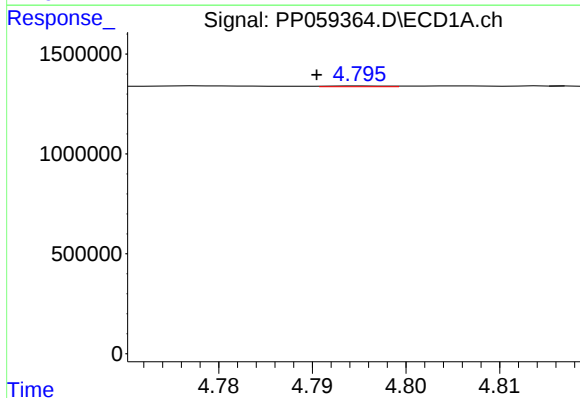
R.T.: 4.723 min
Delta R.T.: 0.009 min
Response: 361593
Conc: 30.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



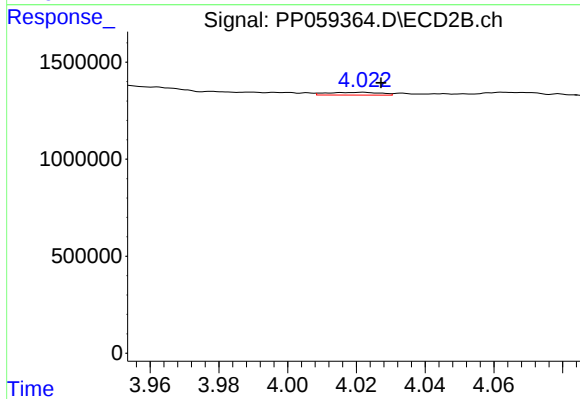
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.005 min
Response: 1416622
Conc: 71.15 ng/ml



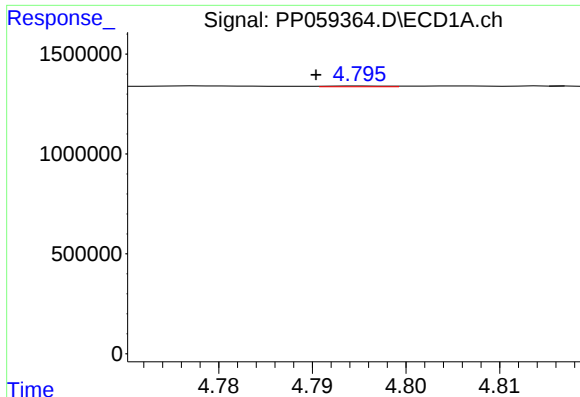
#10 AR-1221-3

R.T.: 4.795 min
Delta R.T.: 0.005 min
Response: 17695
Conc: 0.50 ng/ml



#10 AR-1221-3

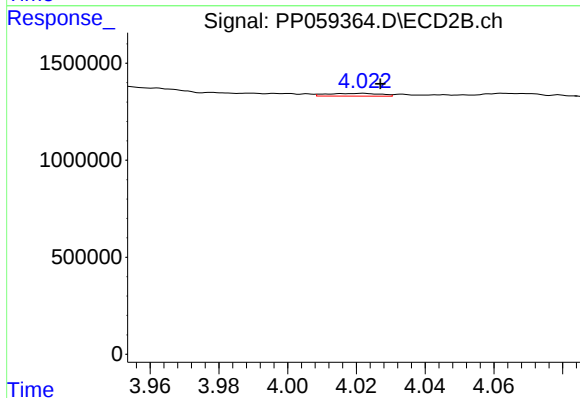
R.T.: 4.022 min
Delta R.T.: -0.005 min
Response: 152176
Conc: 2.56 ng/ml



#11 AR-1232-1

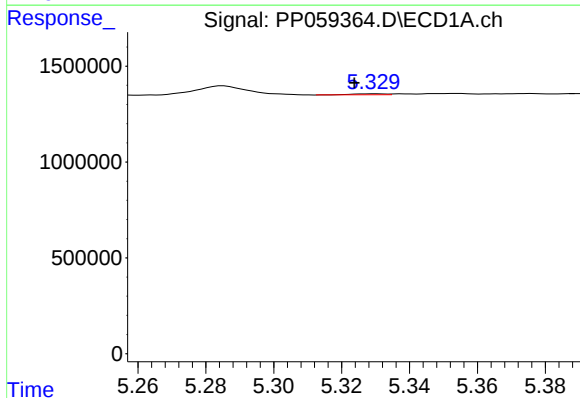
R.T.: 4.795 min
Delta R.T.: 0.005 min
Response: 17695
Conc: 0.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



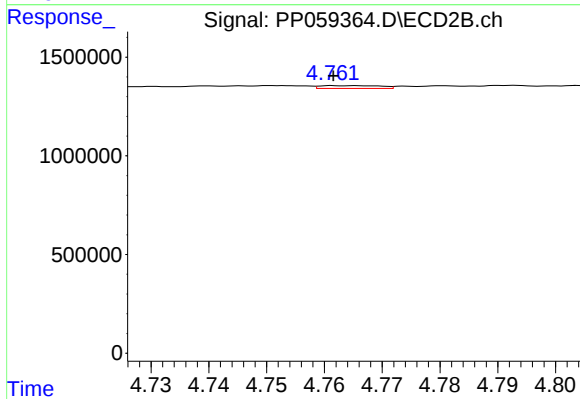
#11 AR-1232-1

R.T.: 4.022 min
Delta R.T.: -0.005 min
Response: 152176
Conc: 3.21 ng/ml



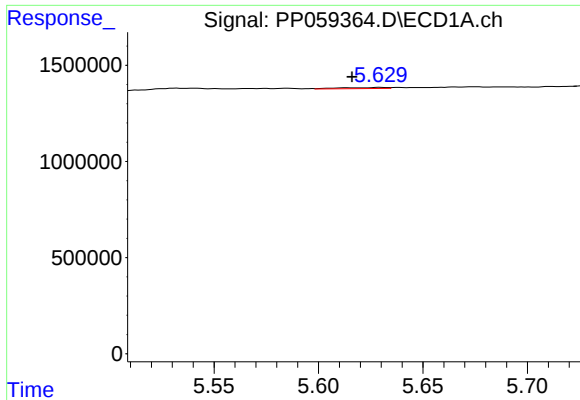
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: 0.006 min
Response: 33809
Conc: 2.17 ng/ml



#12 AR-1232-2

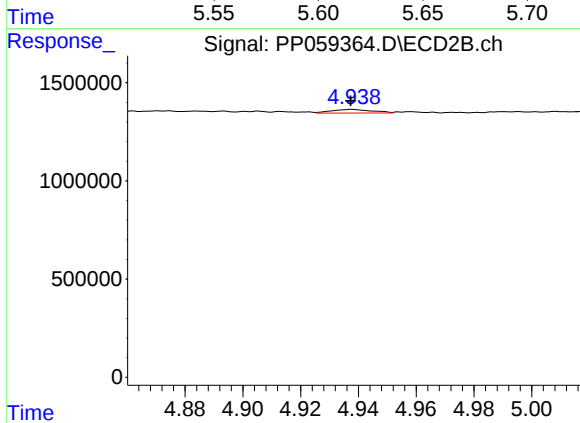
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 102328
Conc: 2.41 ng/ml



#13 AR-1232-3

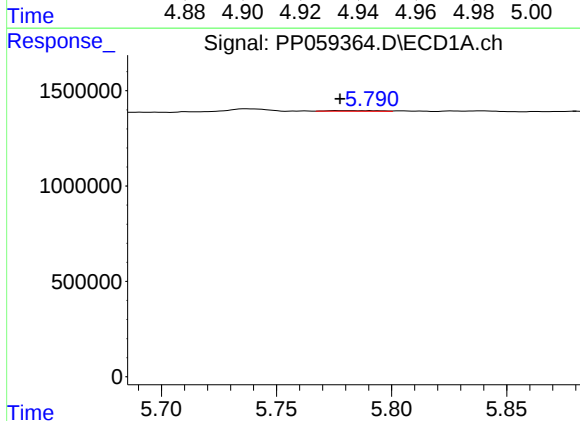
R.T.: 5.630 min
Delta R.T.: 0.014 min
Response: 86140
Conc: 3.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



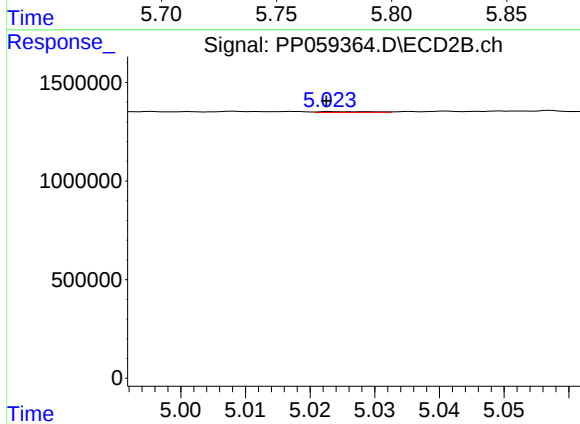
#13 AR-1232-3

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 179178
Conc: 8.08 ng/ml



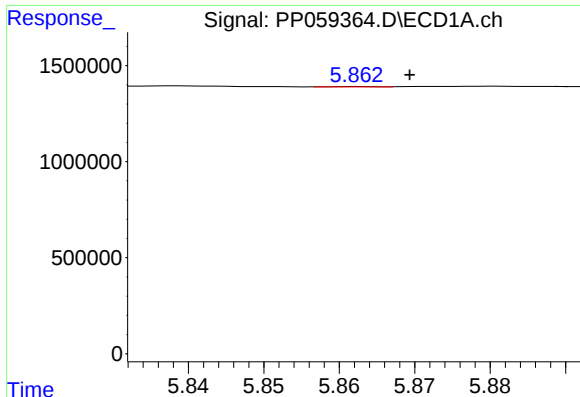
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 47216
Conc: 3.57 ng/ml



#14 AR-1232-4

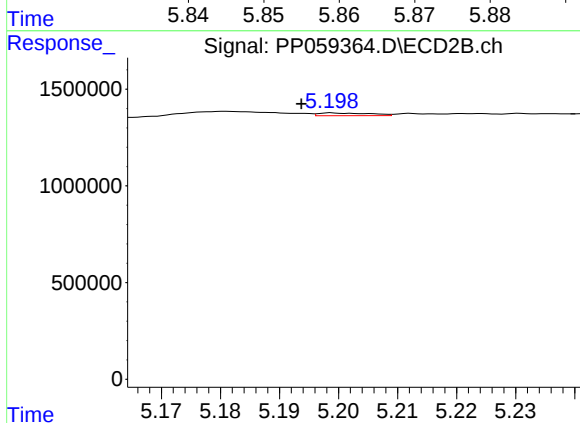
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 22955
Conc: 1.09 ng/ml



#15 AR-1232-5

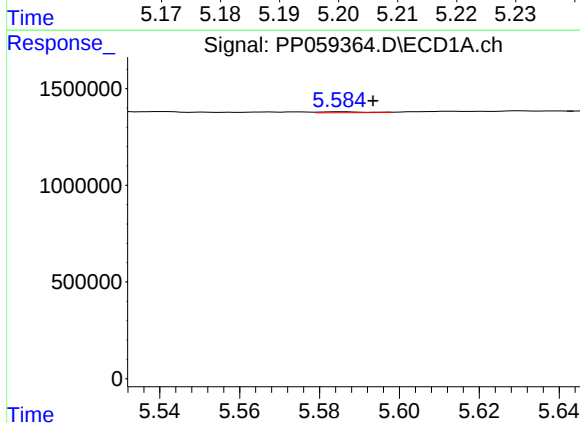
R.T.: 5.863 min
Delta R.T.: -0.007 min
Response: 6960
Conc: 0.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



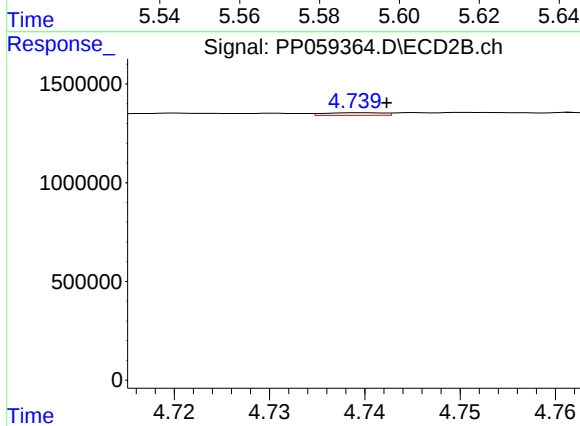
#15 AR-1232-5

R.T.: 5.199 min
Delta R.T.: 0.005 min
Response: 85990
Conc: 3.75 ng/ml



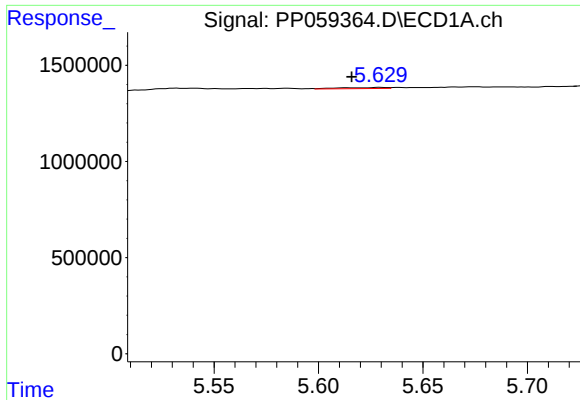
#16 AR-1242-1

R.T.: 5.586 min
Delta R.T.: -0.008 min
Response: 37820
Conc: 1.10 ng/ml



#16 AR-1242-1

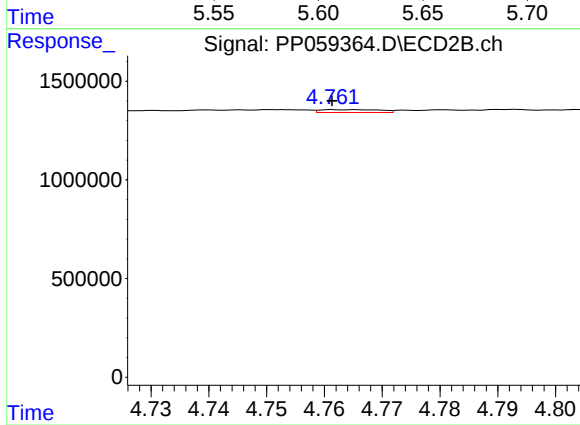
R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 56770
Conc: 1.01 ng/ml



#17 AR-1242-2

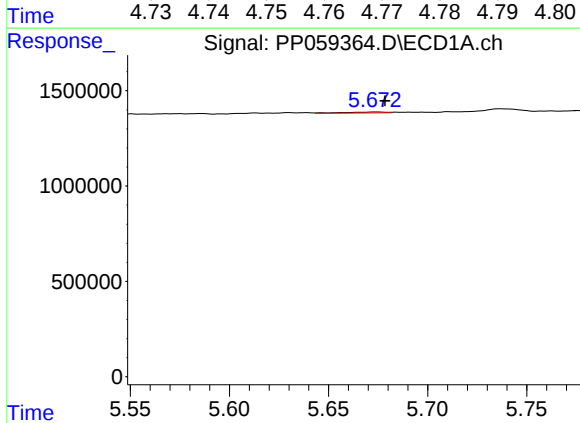
R.T.: 5.630 min
Delta R.T.: 0.014 min
Response: 86140
Conc: 1.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



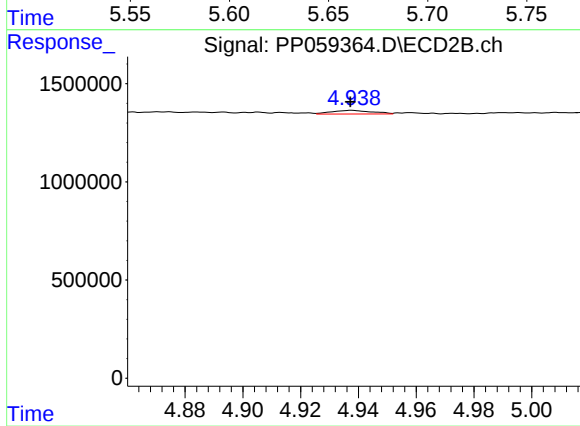
#17 AR-1242-2

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 102328
Conc: 1.28 ng/ml



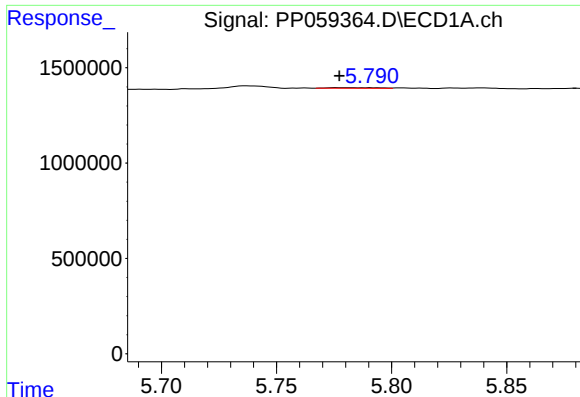
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: -0.003 min
Response: 77721
Conc: 2.47 ng/ml



#18 AR-1242-3

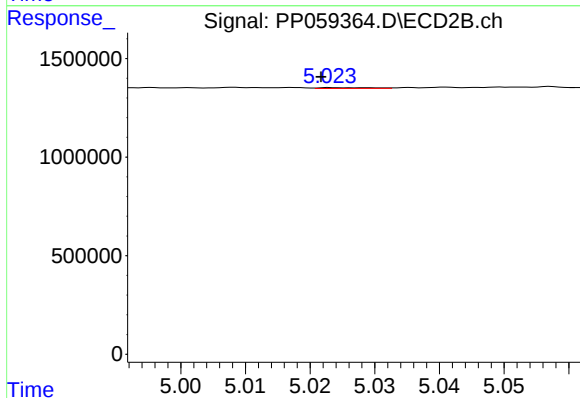
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 179178
Conc: 4.20 ng/ml



#19 AR-1242-4

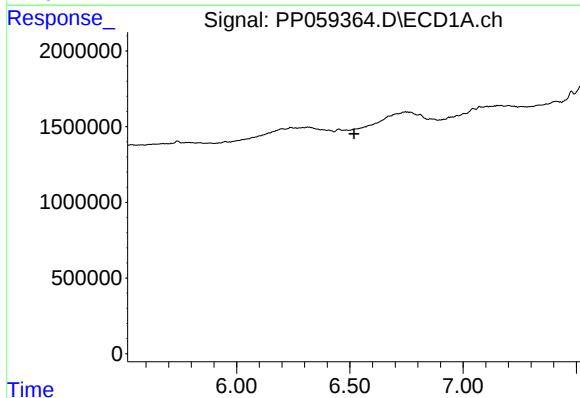
R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 47216
Conc: 1.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



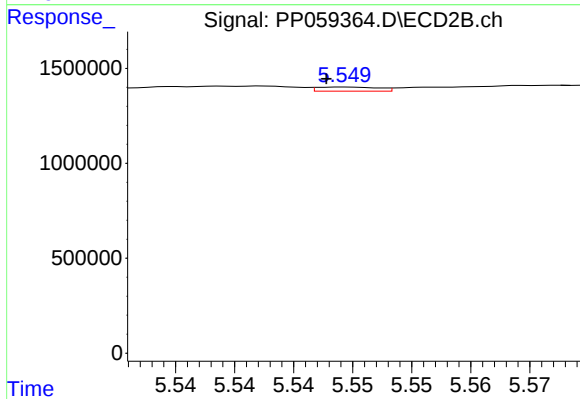
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.002 min
Response: 22955
Conc: 0.53 ng/ml



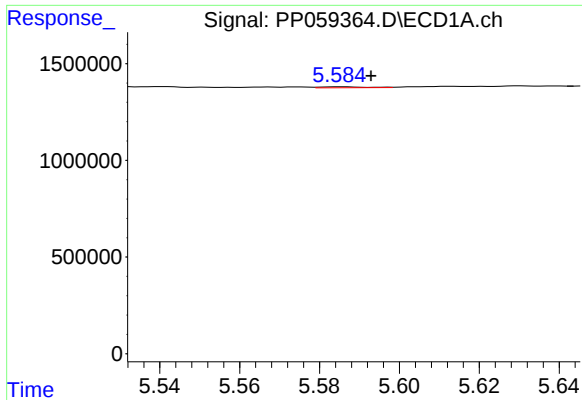
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.518 min
Response: 0
Conc: N.D.



#20 AR-1242-5

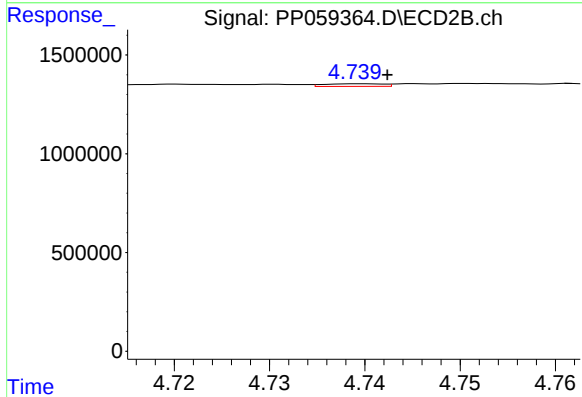
R.T.: 5.549 min
Delta R.T.: 0.002 min
Response: 78965
Conc: 1.59 ng/ml



#21 AR-1248-1

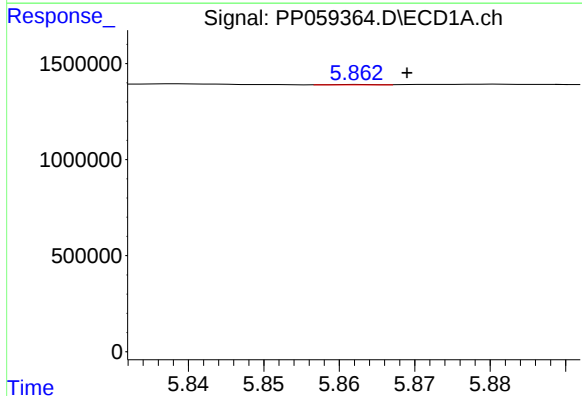
R.T.: 5.586 min
Delta R.T.: -0.007 min
Response: 37820
Conc: 1.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



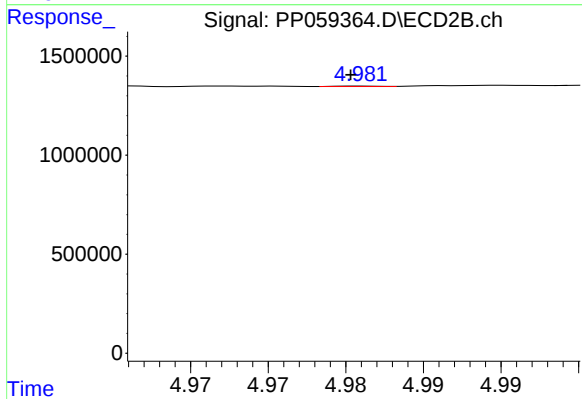
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 56770
Conc: 1.38 ng/ml



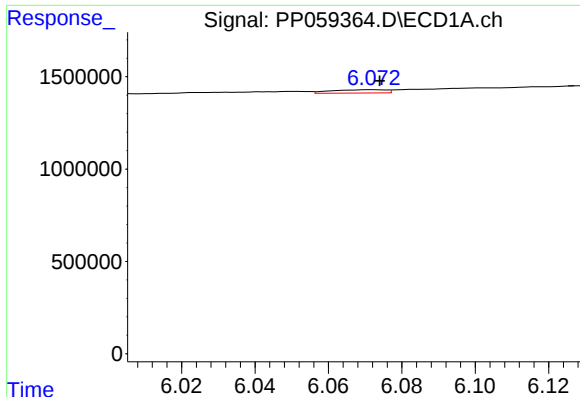
#22 AR-1248-2

R.T.: 5.863 min
Delta R.T.: -0.006 min
Response: 6960
Conc: 0.18 ng/ml



#22 AR-1248-2

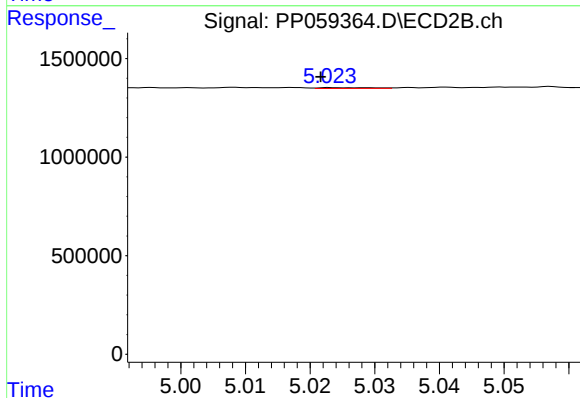
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 4337
Conc: 0.07 ng/ml



#23 AR-1248-3

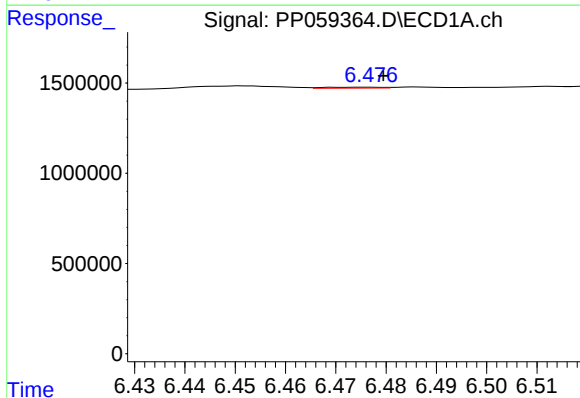
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 184570
Conc: 4.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



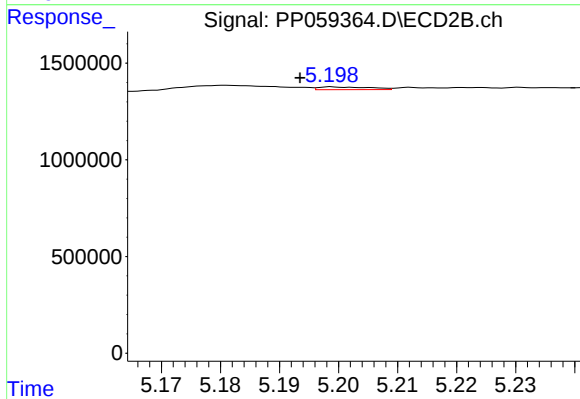
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.002 min
Response: 22955
Conc: 0.37 ng/ml



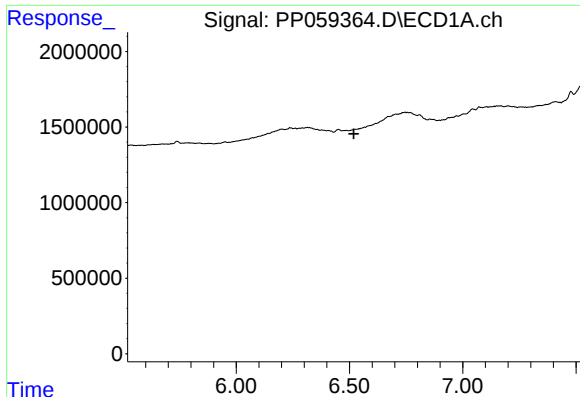
#24 AR-1248-4

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 41899
Conc: 1.01 ng/ml



#24 AR-1248-4

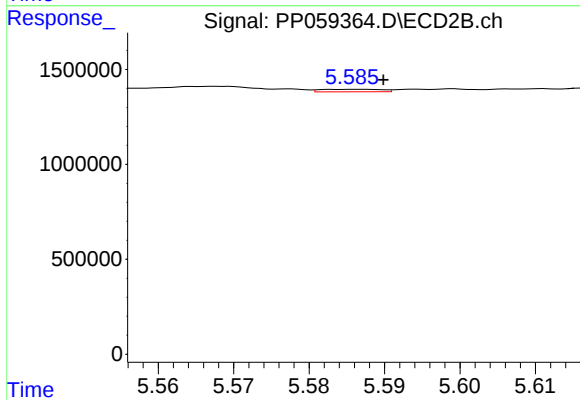
R.T.: 5.199 min
Delta R.T.: 0.005 min
Response: 85990
Conc: 1.19 ng/ml



#25 AR-1248-5

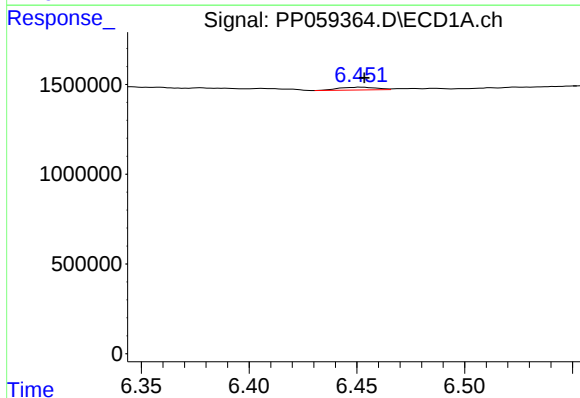
R.T.: 0.000 min
Exp R.T.: 6.519 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



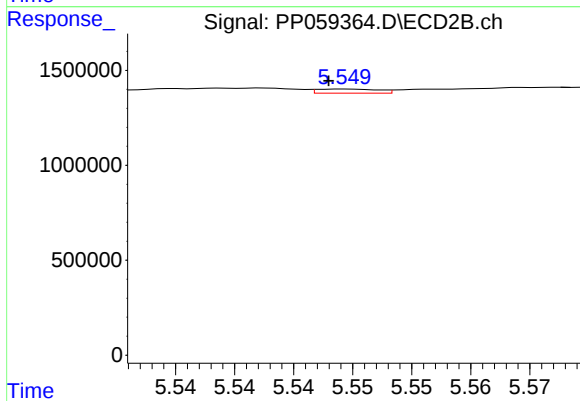
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 75812
Conc: 1.15 ng/ml



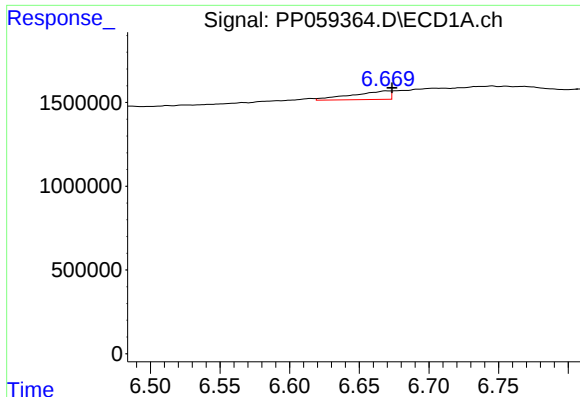
#26 AR-1254-1

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 196606
Conc: 4.21 ng/ml



#26 AR-1254-1

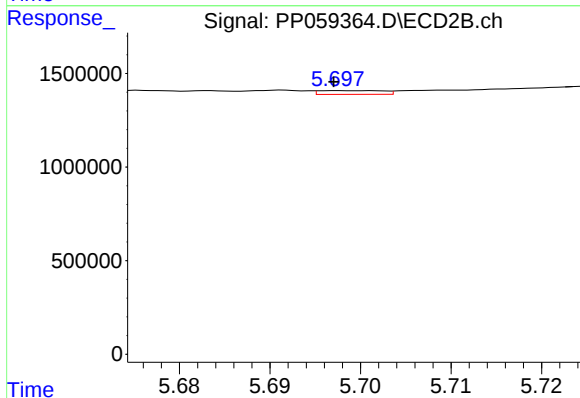
R.T.: 5.549 min
Delta R.T.: 0.001 min
Response: 78965
Conc: 0.78 ng/ml



#27 AR-1254-2

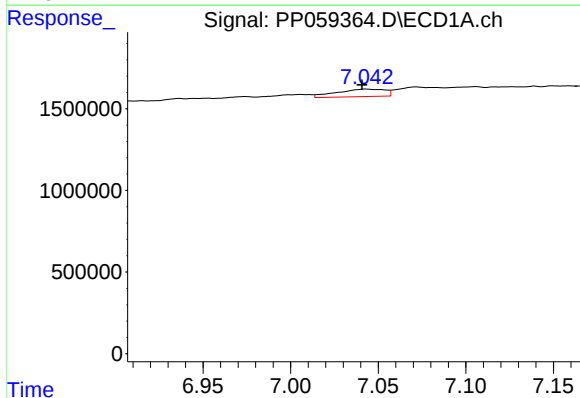
R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 967448
Conc: 14.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



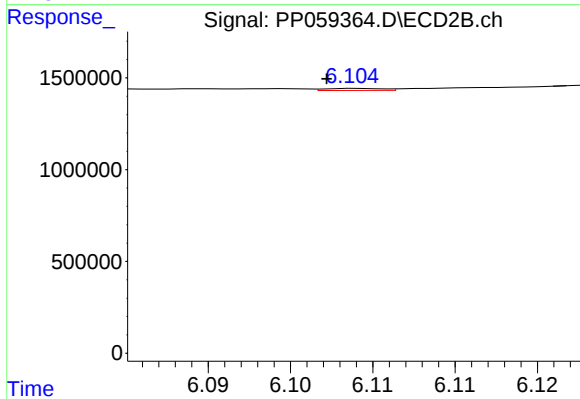
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 99670
Conc: 1.13 ng/ml



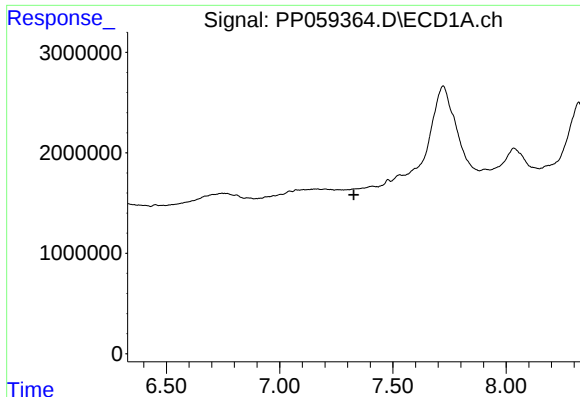
#28 AR-1254-3

R.T.: 7.043 min
Delta R.T.: 0.002 min
Response: 870931
Conc: 12.62 ng/ml



#28 AR-1254-3

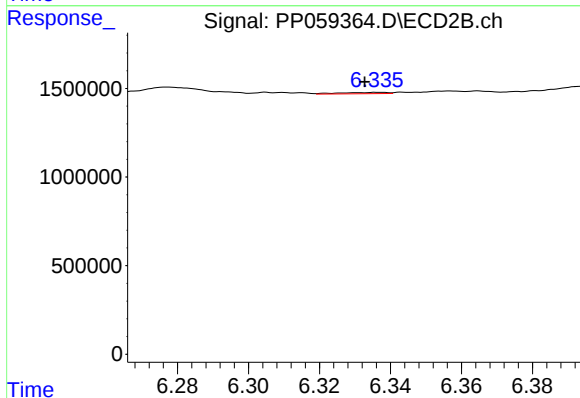
R.T.: 6.104 min
Delta R.T.: 0.002 min
Response: 27676
Conc: 0.20 ng/ml



#29 AR-1254-4

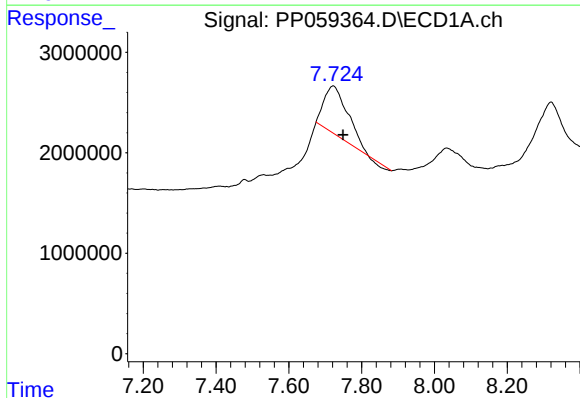
R.T.: 0.000 min
Exp R.T.: 7.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



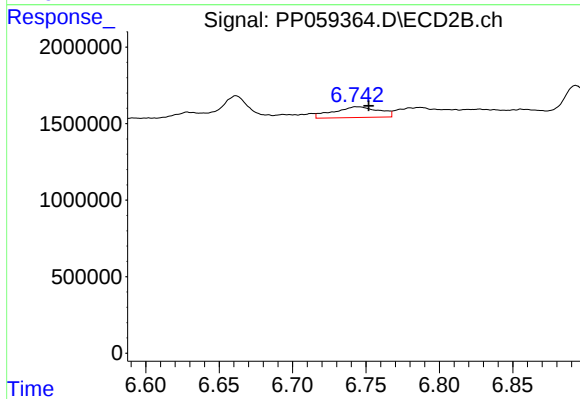
#29 AR-1254-4

R.T.: 6.336 min
Delta R.T.: 0.003 min
Response: 69354
Conc: 0.86 ng/ml



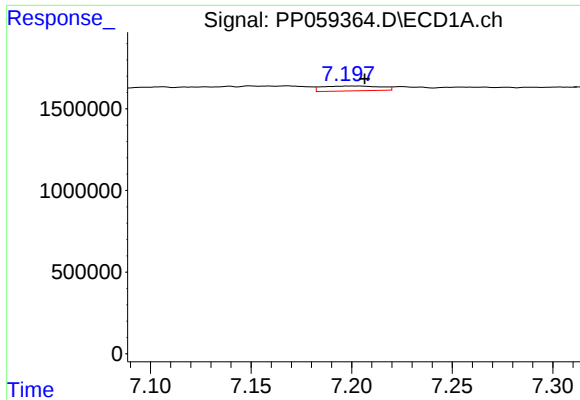
#30 AR-1254-5

R.T.: 7.722 min
Delta R.T.: -0.027 min
Response: 20993704
Conc: 446.80 ng/ml



#30 AR-1254-5

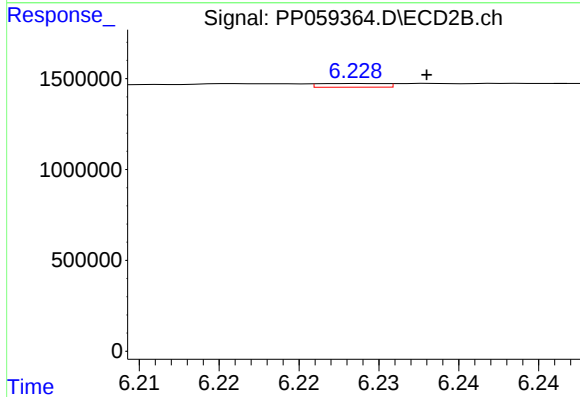
R.T.: 6.743 min
Delta R.T.: -0.009 min
Response: 1501910
Conc: 12.56 ng/ml



#31 AR-1260-1

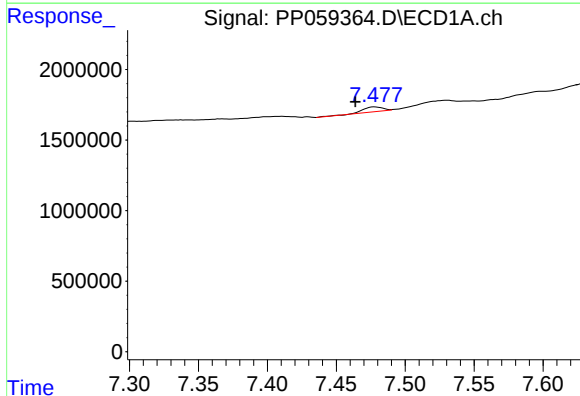
R.T.: 7.200 min
Delta R.T.: -0.007 min
Response: 598064
Conc: 10.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



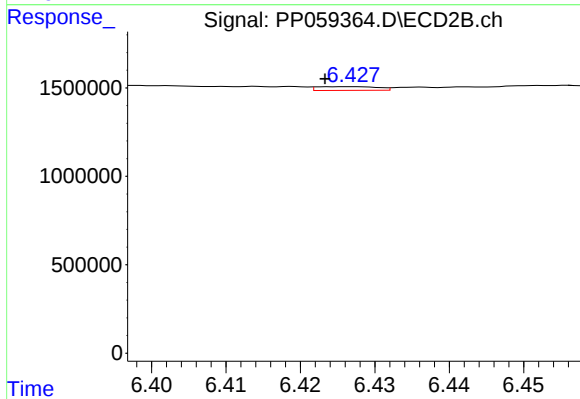
#31 AR-1260-1

R.T.: 6.229 min
Delta R.T.: -0.004 min
Response: 60252
Conc: 0.61 ng/ml



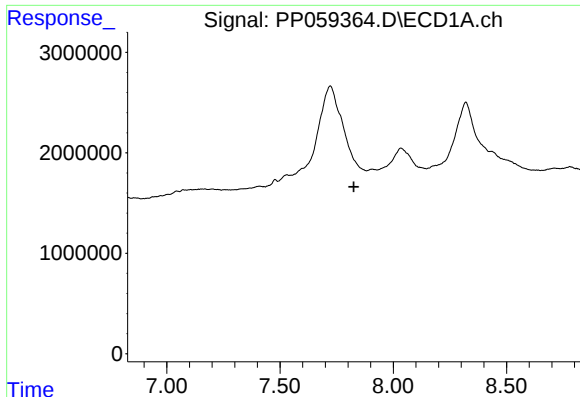
#32 AR-1260-2

R.T.: 7.478 min
Delta R.T.: 0.014 min
Response: 333334
Conc: 5.60 ng/ml



#32 AR-1260-2

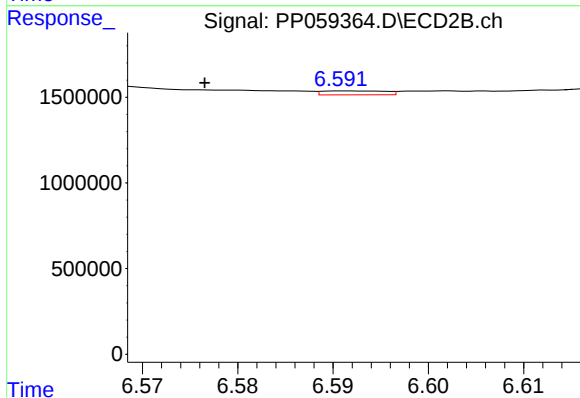
R.T.: 6.427 min
Delta R.T.: 0.004 min
Response: 120546
Conc: 1.04 ng/ml



#33 AR-1260-3

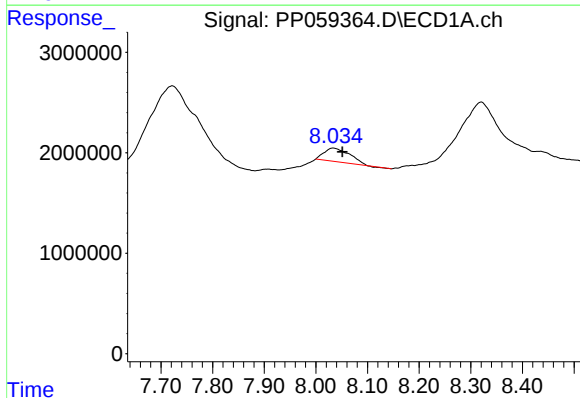
R.T.: 0.000 min
Exp R.T.: 7.826 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



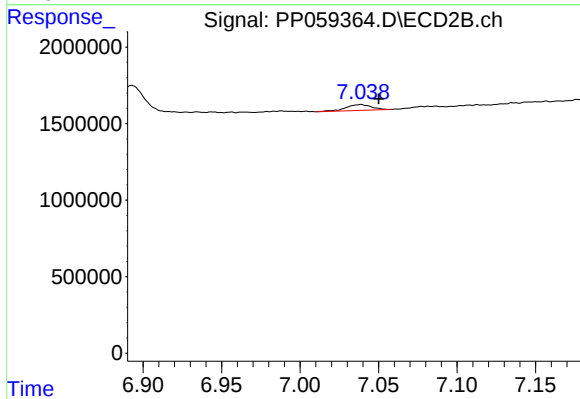
#33 AR-1260-3

R.T.: 6.591 min
Delta R.T.: 0.015 min
Response: 105163
Conc: 0.95 ng/ml



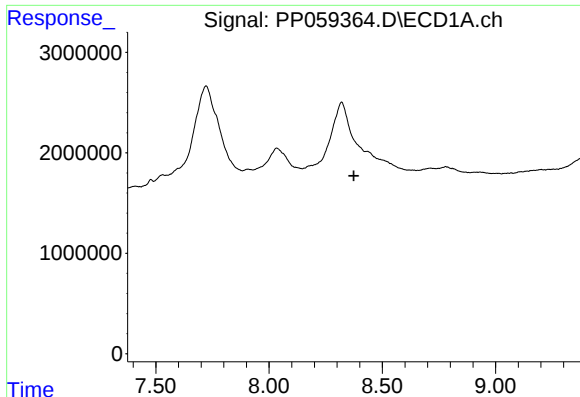
#34 AR-1260-4

R.T.: 8.034 min
Delta R.T.: -0.018 min
Response: 4572385
Conc: 102.95 ng/ml



#34 AR-1260-4

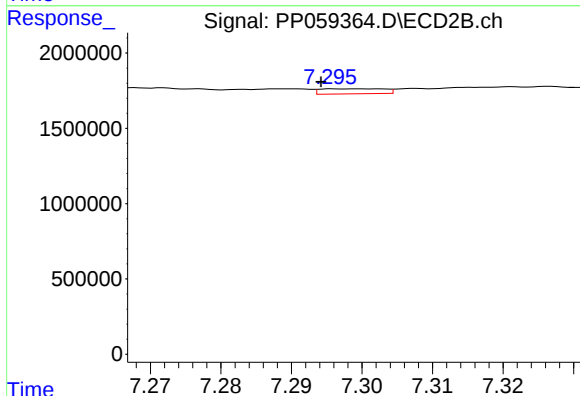
R.T.: 7.039 min
Delta R.T.: -0.011 min
Response: 432711
Conc: 4.99 ng/ml



#35 AR-1260-5

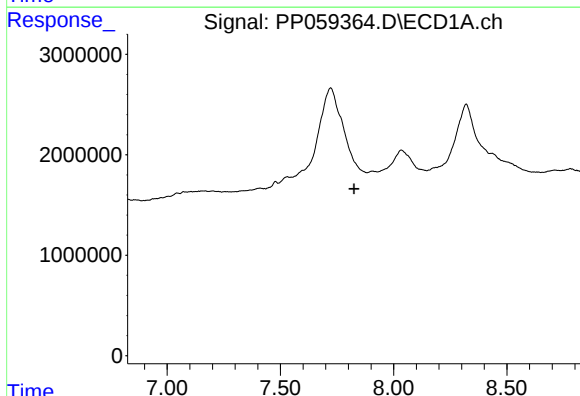
R.T.: 0.000 min
Exp R.T. : 8.374 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



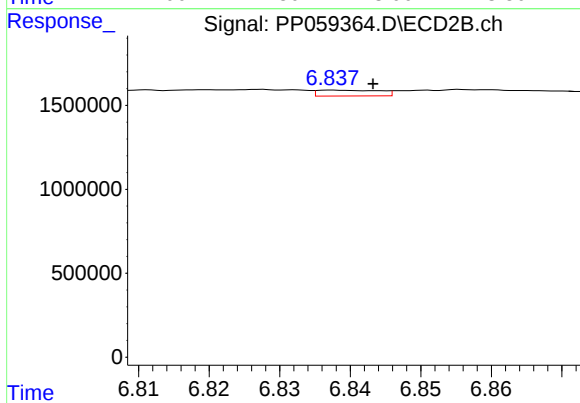
#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: 0.002 min
Response: 211126
Conc: 1.15 ng/ml



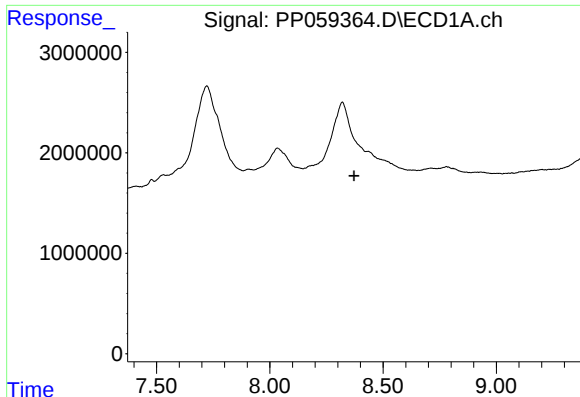
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.825 min
Response: 0
Conc: N.D.



#36 AR-1262-1

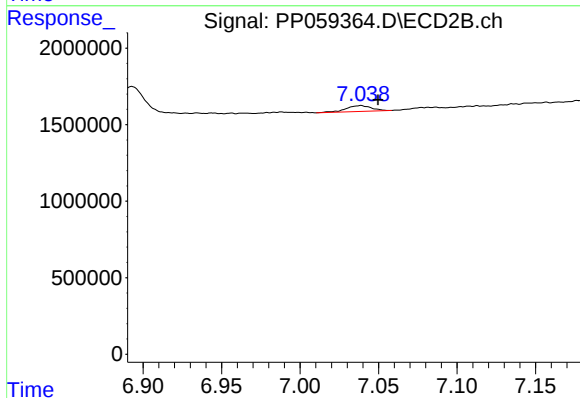
R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 212051
Conc: 3.69 ng/ml



#37 AR-1262-2

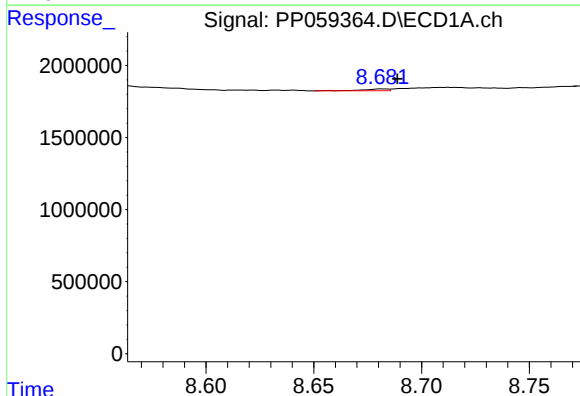
R.T.: 0.000 min
Exp R.T.: 8.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



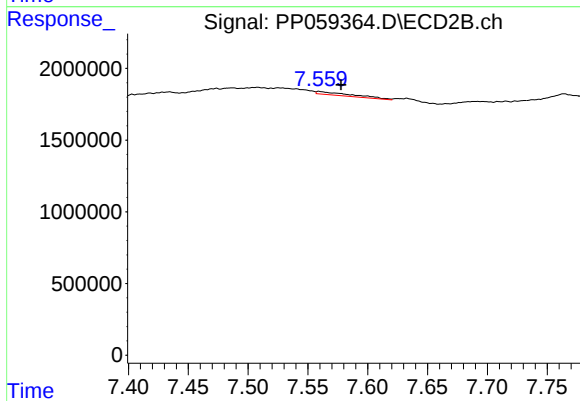
#37 AR-1262-2

R.T.: 7.039 min
Delta R.T.: -0.011 min
Response: 432711
Conc: 3.67 ng/ml



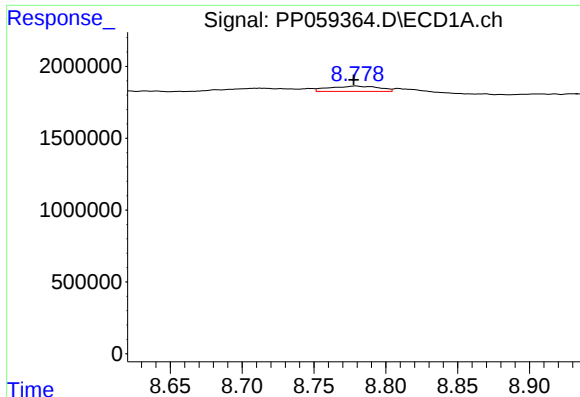
#38 AR-1262-3

R.T.: 8.682 min
Delta R.T.: -0.007 min
Response: 112146
Conc: 1.74 ng/ml



#38 AR-1262-3

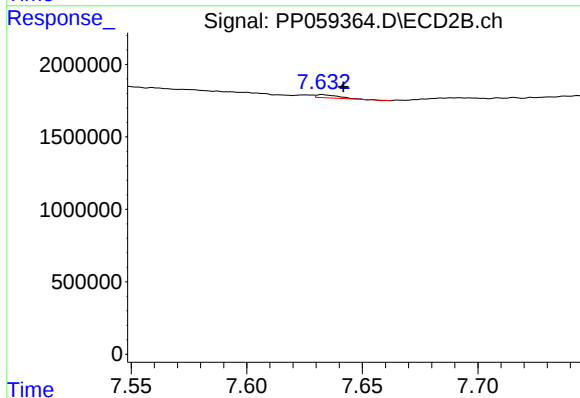
R.T.: 7.559 min
Delta R.T.: -0.019 min
Response: 454731
Conc: 5.34 ng/ml



#39 AR-1262-4

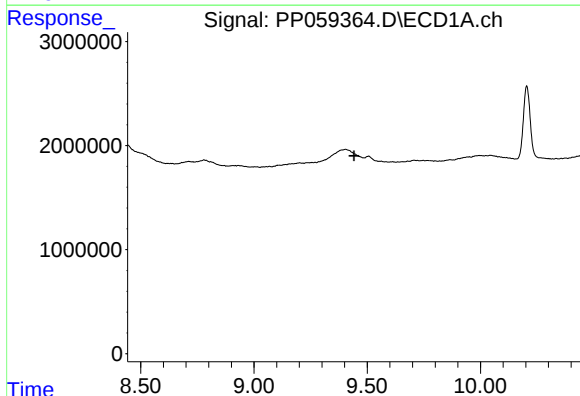
R.T.: 8.779 min
Delta R.T.: 0.001 min
Response: 888440
Conc: 26.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



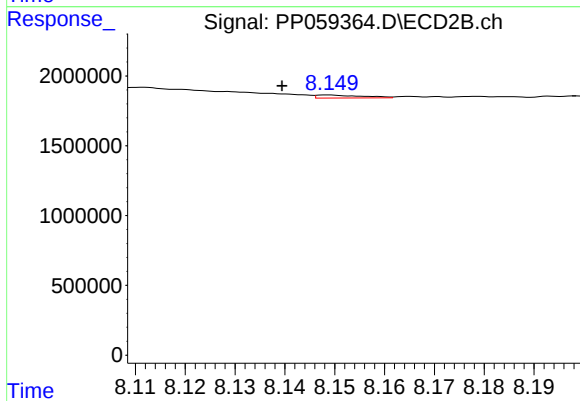
#39 AR-1262-4

R.T.: 7.633 min
Delta R.T.: -0.009 min
Response: 135310
Conc: 0.90 ng/ml



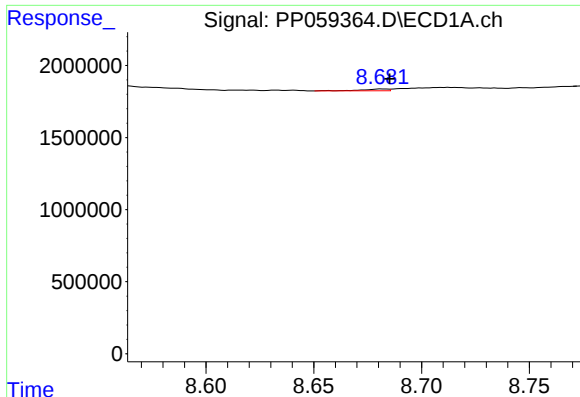
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.442 min
Response: 0
Conc: N.D.



#40 AR-1262-5

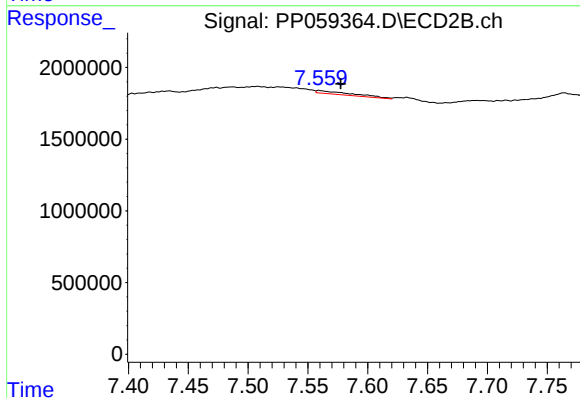
R.T.: 8.149 min
Delta R.T.: 0.009 min
Response: 141829
Conc: 2.22 ng/ml



#41 AR-1268-1

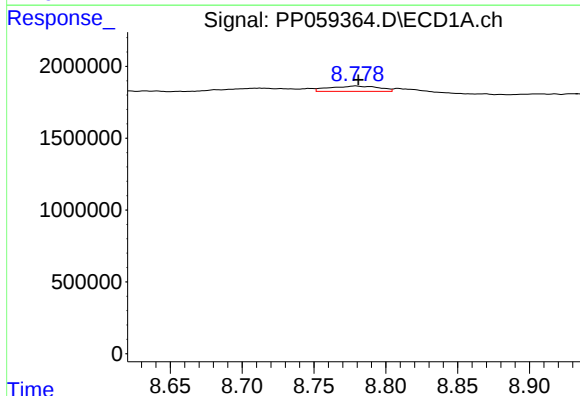
R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 112146
Conc: 0.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



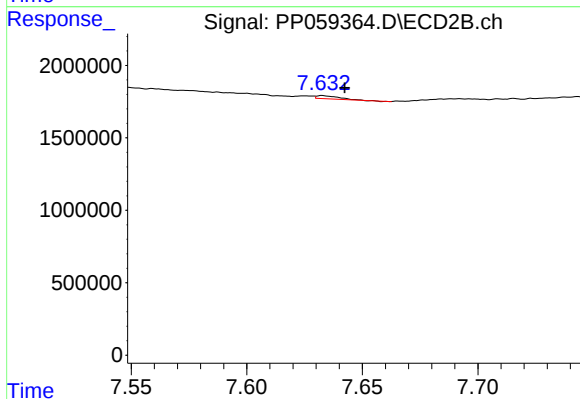
#41 AR-1268-1

R.T.: 7.559 min
Delta R.T.: -0.018 min
Response: 454731
Conc: 1.86 ng/ml



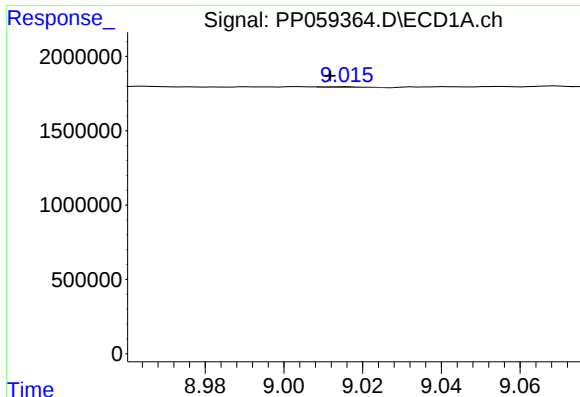
#42 AR-1268-2

R.T.: 8.779 min
Delta R.T.: -0.002 min
Response: 888440
Conc: 9.03 ng/ml



#42 AR-1268-2

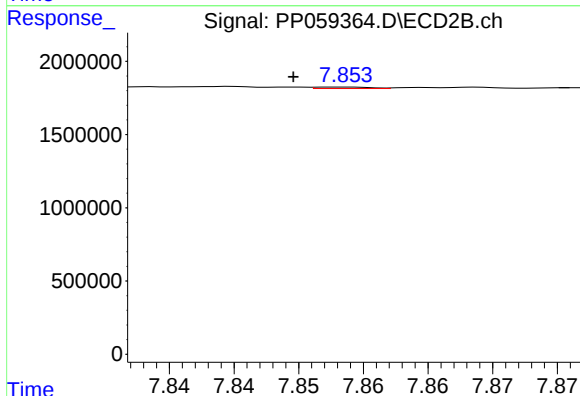
R.T.: 7.633 min
Delta R.T.: -0.010 min
Response: 135310
Conc: 0.62 ng/ml



#43 AR-1268-3

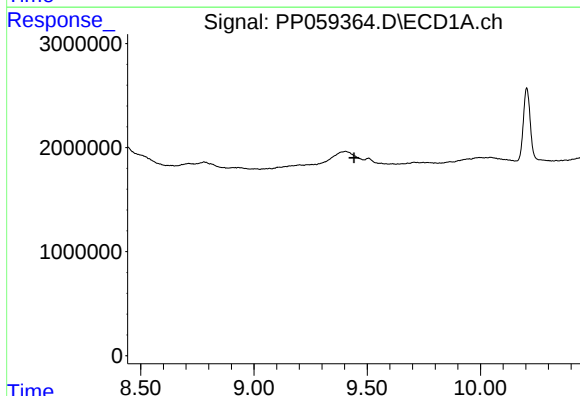
R.T.: 9.015 min
Delta R.T.: 0.004 min
Response: 35958
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



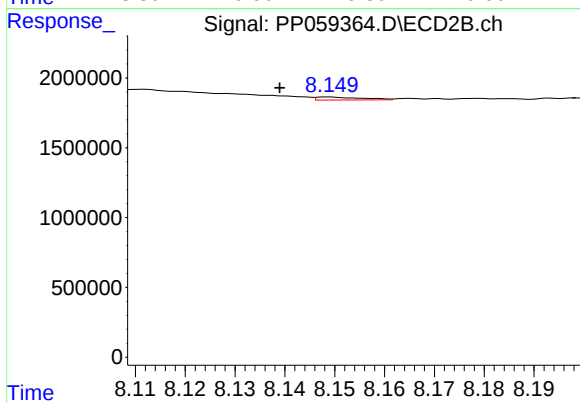
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: 0.004 min
Response: 29100
Conc: 0.15 ng/ml



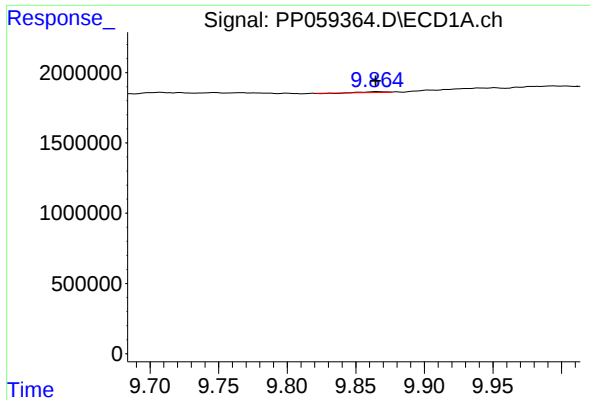
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.442 min
Response: 0
Conc: N.D.



#44 AR-1268-4

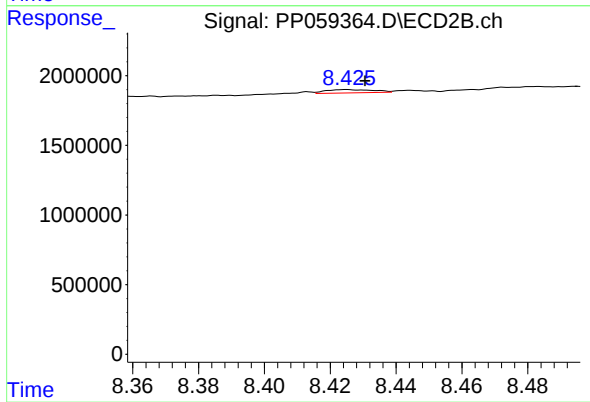
R.T.: 8.149 min
Delta R.T.: 0.010 min
Response: 141829
Conc: 2.04 ng/ml



#45 AR-1268-5

R.T.: 9.865 min
Delta R.T.: 0.000 min
Response: 51708
Conc: 0.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: -0.005 min
Response: 245540
Conc: 0.47 ng/ml