

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
 Data File : PP054399.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 18:50
 Operator : YP\AJ
 Sample : 01073-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 1524

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:57:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.335	3.585	42542306	31272871	21.008	19.388
2)	SA Decachlor...	10.096	8.606	25860185	30818121	18.006	21.847
Target Compounds							
3)	L1 AR-1016-1	5.491f	4.699f	202739	189041	2.744	3.633 #
4)	L1 AR-1016-2	5.531	4.699	1133484	189041	10.621	2.639 #
5)	L1 AR-1016-3	5.594	4.868	681007	85702	9.954	2.185 #
6)	L1 AR-1016-4	5.694	0.000	56806	0	1.091	N.D. #
7)	L1 AR-1016-5	6.006f	5.110f	38349	356018	0.847	8.097 #
8)	L2 AR-1221-1	4.542	0.000	6370976	0	264.969	N.D. #
9)	L2 AR-1221-2	4.641	3.867f	641155	3489519	36.189	236.661 #
10)	L2 AR-1221-3	4.726f	3.956	243281	212410	4.514	4.782
11)	L3 AR-1232-1	4.726f	3.956	243281	212410	5.408	5.707
12)	L3 AR-1232-2	5.237	4.699	192268	189041	7.368	3.527 #
13)	L3 AR-1232-3	5.531	4.868	1133484	85702	24.641	5.162 #
14)	L3 AR-1232-4	5.694	4.966	56806	182326	2.537	10.869 #
15)	L3 AR-1232-5	5.785	5.110f	83750	356018	4.706	19.719 #
16)	L4 AR-1242-1	5.491f	4.699f	202739	189041	3.414	4.478 #
17)	L4 AR-1242-2	5.531	4.699	1133484	189041	13.258	3.247 #
18)	L4 AR-1242-3	5.594	4.868	681007	85702	12.464	2.680 #
19)	L4 AR-1242-4	5.694	4.966	56806	182326	1.355	5.227 #
20)	L4 AR-1242-5	6.441	5.483	49633	525381	1.512	13.964 #
21)	L5 AR-1248-1	5.491f	4.699f	202739	189041	4.516	5.812 #
22)	L5 AR-1248-2	5.785	0.000	83750	0	1.318	N.D. #
23)	L5 AR-1248-3	6.006f	4.966	38349	182326	0.647	3.533 #
24)	L5 AR-1248-4	6.406	5.110f	108405	356018	1.871	6.033 #
25)	L5 AR-1248-5	6.441	0.000	49633	0	0.895	N.D. #
26)	L6 AR-1254-1	6.375	5.483	590311	525381	9.500	6.126 #
27)	L6 AR-1254-2	6.590	5.628	270040	120235	2.877	1.618 #
28)	L6 AR-1254-3	6.956	6.028	118580	79076	1.249	0.681 #
29)	L6 AR-1254-4	7.236	0.000	40962	0	0.604	N.D. #
30)	L6 AR-1254-5	7.668	6.675	174977	110131	2.302	1.152 #
31)	L7 AR-1260-1	7.107f	0.000	194896	0	2.500	N.D. #
32)	L7 AR-1260-2	7.372	6.337f	216684	441751	2.419	4.619 #
33)	L7 AR-1260-3	0.000	6.509	0	104891	N.D.	1.148 #
34)	L7 AR-1260-4	7.968	6.973	408228	27728	5.124	0.366 #
35)	L7 AR-1260-5	8.281	7.219	150149	542554	1.047	3.425 #
36)	L8 AR-1262-1	0.000	6.780	0	116676	N.D.	2.858 #
37)	L8 AR-1262-2	8.281	6.973	150149	27728	1.061	0.320 #
38)	L8 AR-1262-3	8.589	0.000	50673	0	0.489	N.D. #
39)	L8 AR-1262-4	8.684	7.565	401323	106816	7.927	0.913 #
40)	L8 AR-1262-5	9.367f	8.078	133474	104808	2.376	1.903
41)	L9 AR-1268-1	8.589	0.000	50673	0	0.260	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
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 Acq On : 10 Jan 2023 18:50
 Operator : YP\AJ
 Sample : 01073-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:57:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

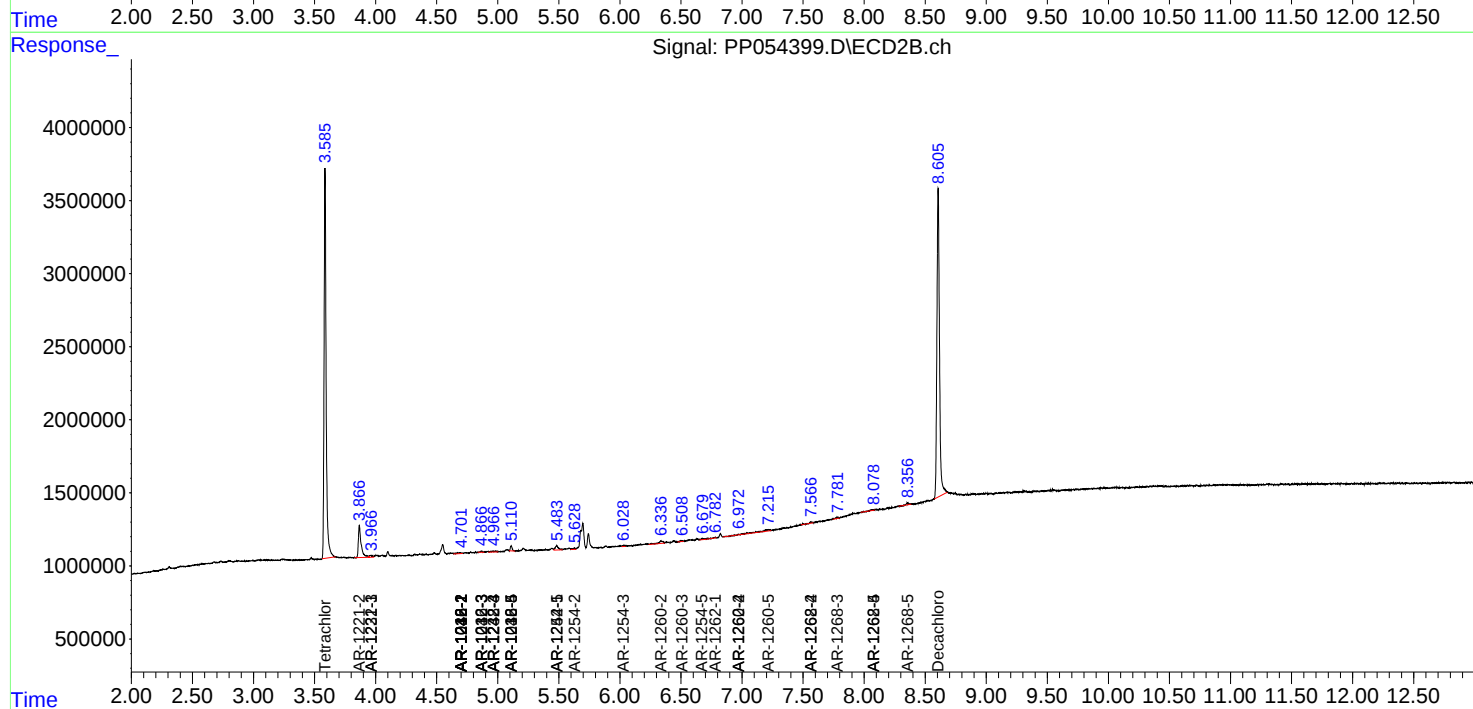
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

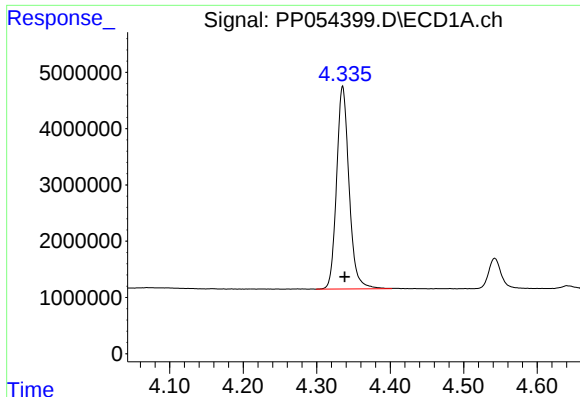
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.684	7.565	401323	106816	2.274	0.580 #
43) L9	AR-1268-3	8.904	7.785	187056	142888	1.206	0.836 #
44) L9	AR-1268-4	9.367f	8.078	133474	104808	1.951	1.659
45) L9	AR-1268-5	9.745f	8.355	281834	166392	0.553	0.340 #

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

Instrument :
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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

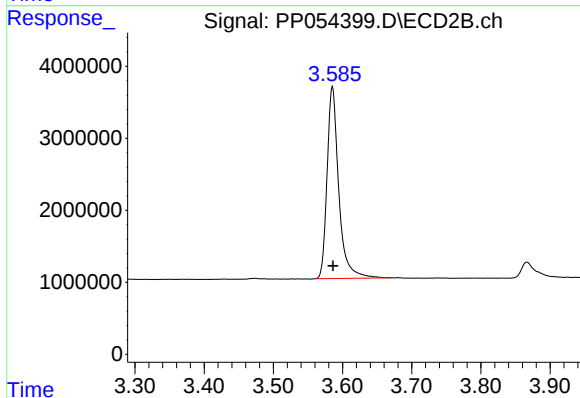




#1 Tetrachloro-m-xylene

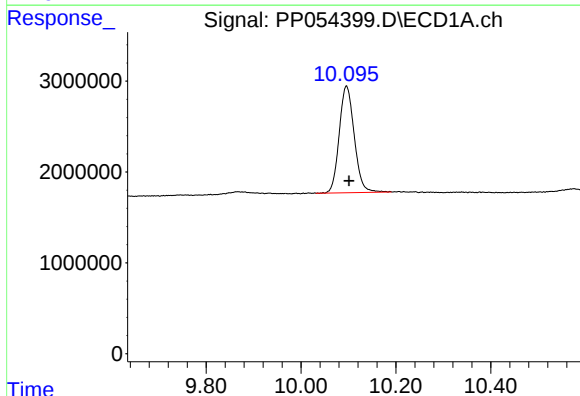
R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 42542306
Conc: 21.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



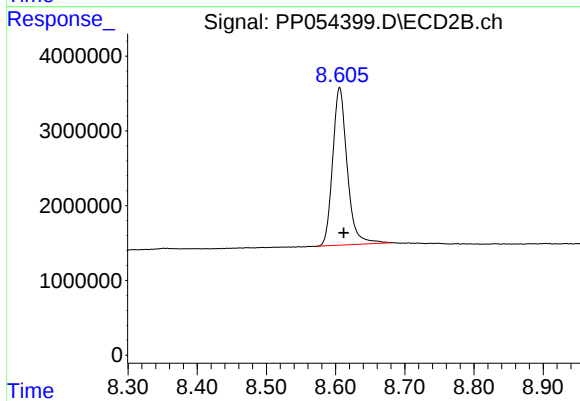
#1 Tetrachloro-m-xylene

R.T.: 3.585 min
Delta R.T.: 0.000 min
Response: 31272871
Conc: 19.39 ng/ml



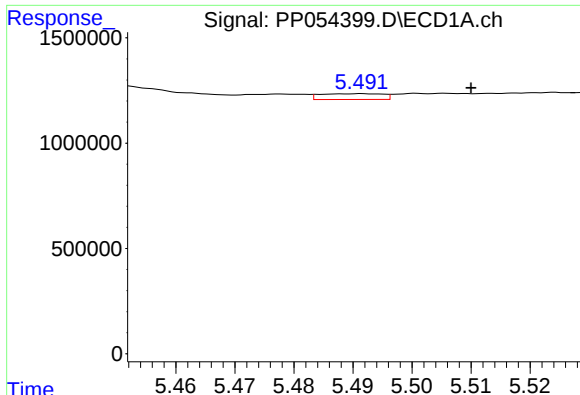
#2 Decachlorobiphenyl

R.T.: 10.096 min
Delta R.T.: -0.005 min
Response: 25860185
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

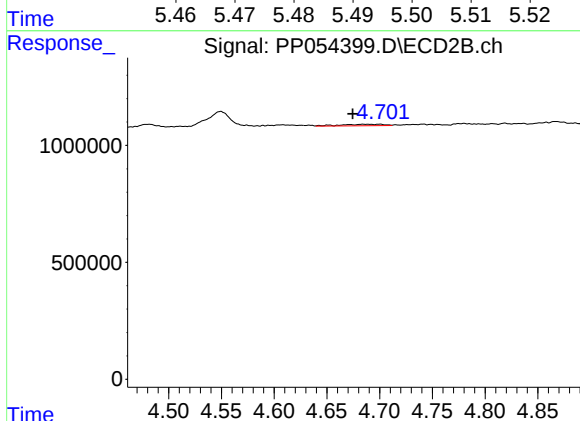
R.T.: 8.606 min
Delta R.T.: -0.006 min
Response: 30818121
Conc: 21.85 ng/ml



#3 AR-1016-1

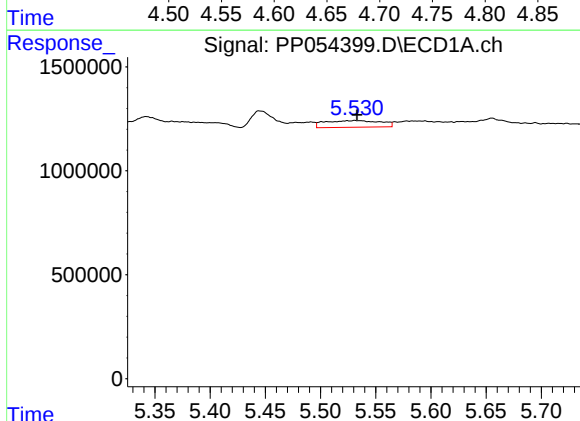
R.T.: 5.491 min
Delta R.T.: -0.019 min
Response: 202739
Conc: 2.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



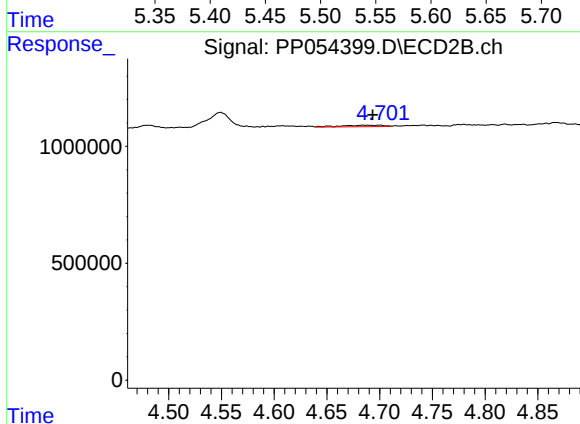
#3 AR-1016-1

R.T.: 4.699 min
Delta R.T.: 0.025 min
Response: 189041
Conc: 3.63 ng/ml



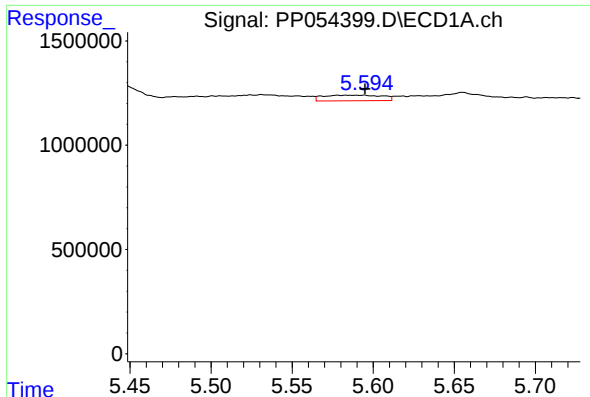
#4 AR-1016-2

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 1133484
Conc: 10.62 ng/ml



#4 AR-1016-2

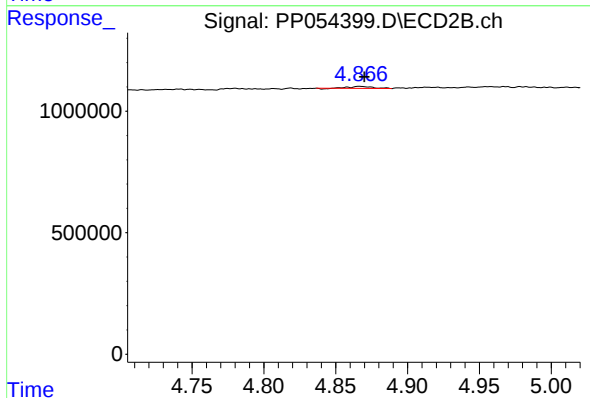
R.T.: 4.699 min
Delta R.T.: 0.006 min
Response: 189041
Conc: 2.64 ng/ml



#5 AR-1016-3

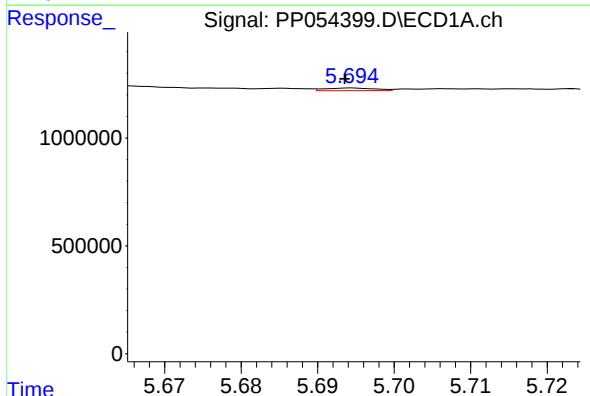
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 681007
Conc: 9.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



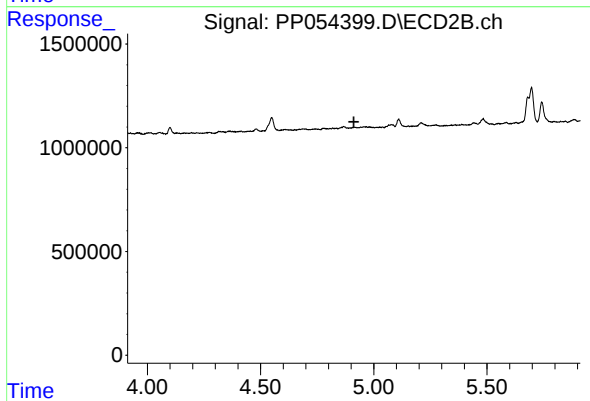
#5 AR-1016-3

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 85702
Conc: 2.18 ng/ml



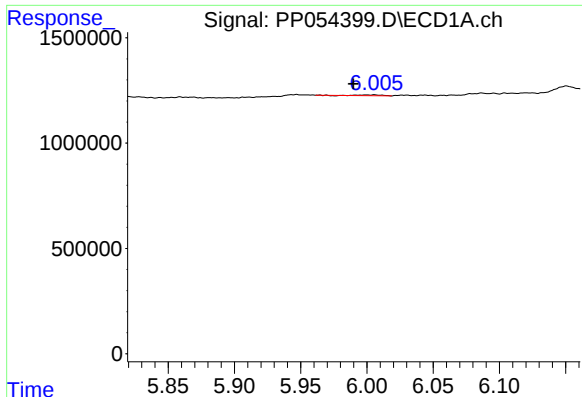
#6 AR-1016-4

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 56806
Conc: 1.09 ng/ml



#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 4.912 min
Response: 0
Conc: N.D.



#7 AR-1016-5

R.T.: 6.006 min
Delta R.T.: 0.016 min
Response: 38349
Conc: 0.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524

#7 AR-1016-5

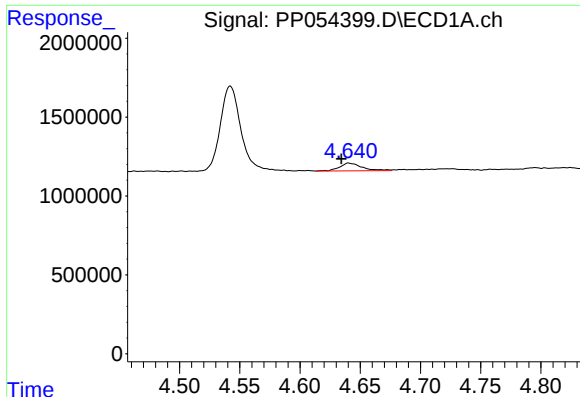
R.T.: 5.110 min
Delta R.T.: -0.016 min
Response: 356018
Conc: 8.10 ng/ml

#8 AR-1221-1

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 6370976
Conc: 264.97 ng/ml

#8 AR-1221-1

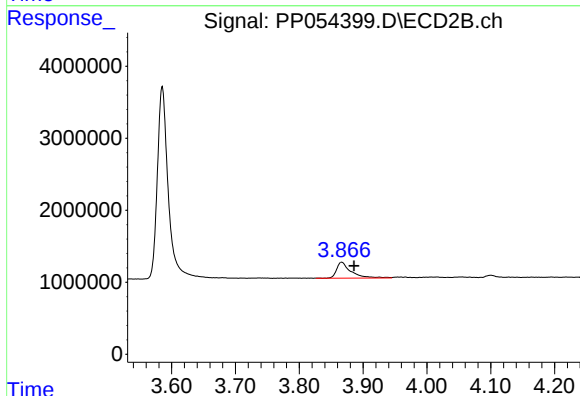
R.T.: 0.000 min
Exp R.T.: 3.801 min
Response: 0
Conc: N.D.



#9 AR-1221-2

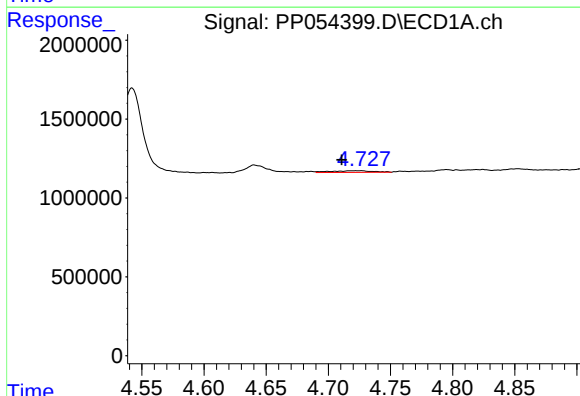
R.T.: 4.641 min
Delta R.T.: 0.006 min
Response: 641155
Conc: 36.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



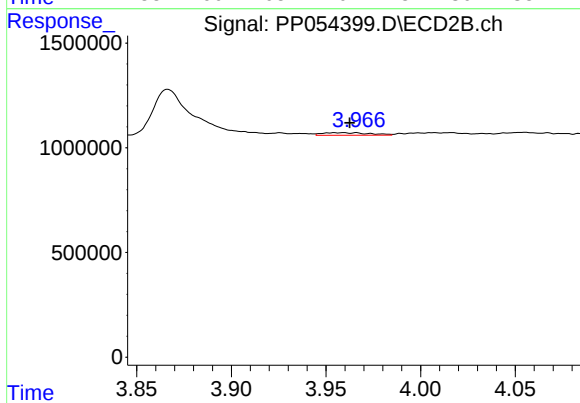
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: -0.019 min
Response: 3489519
Conc: 236.66 ng/ml



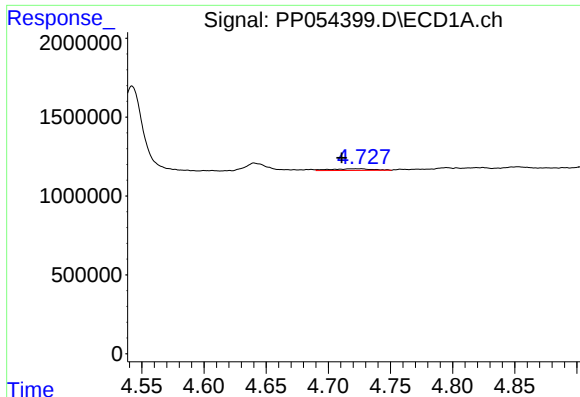
#10 AR-1221-3

R.T.: 4.726 min
Delta R.T.: 0.015 min
Response: 243281
Conc: 4.51 ng/ml



#10 AR-1221-3

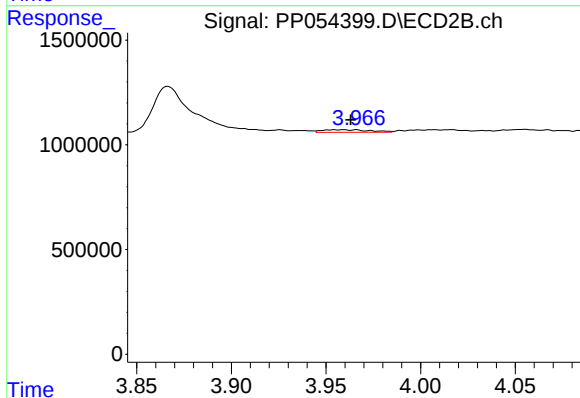
R.T.: 3.956 min
Delta R.T.: -0.006 min
Response: 212410
Conc: 4.78 ng/ml



#11 AR-1232-1

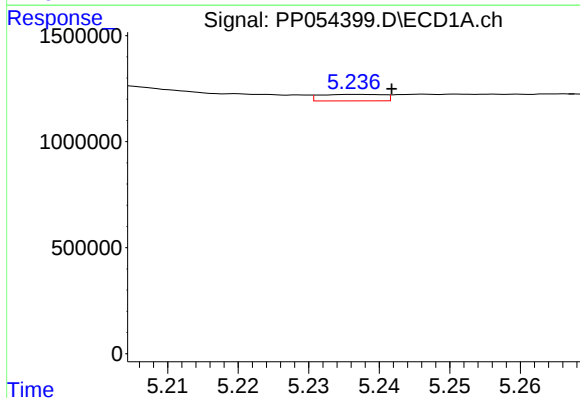
R.T.: 4.726 min
Delta R.T.: 0.015 min
Response: 243281
Conc: 5.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



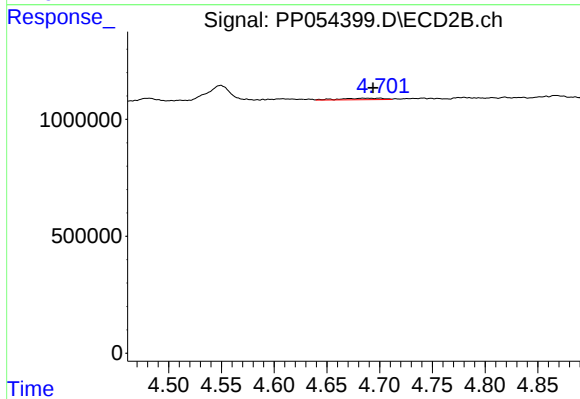
#11 AR-1232-1

R.T.: 3.956 min
Delta R.T.: -0.007 min
Response: 212410
Conc: 5.71 ng/ml



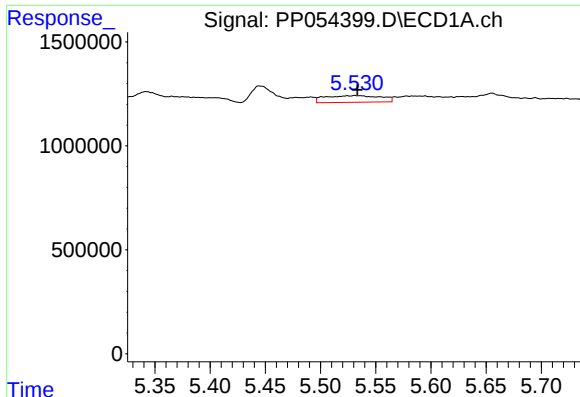
#12 AR-1232-2

R.T.: 5.237 min
Delta R.T.: -0.005 min
Response: 192268
Conc: 7.37 ng/ml



#12 AR-1232-2

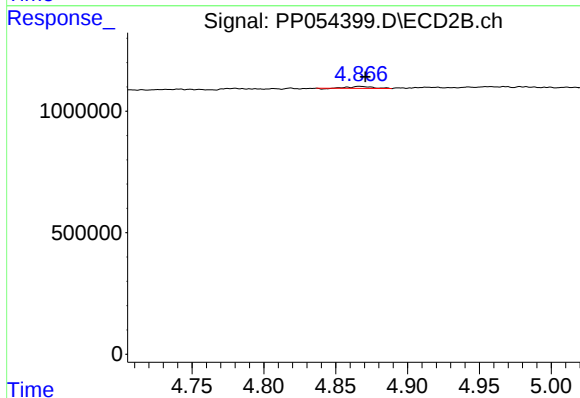
R.T.: 4.699 min
Delta R.T.: 0.005 min
Response: 189041
Conc: 3.53 ng/ml



#13 AR-1232-3

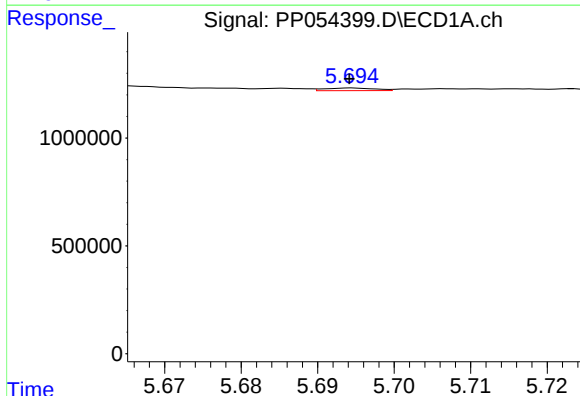
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 1133484
Conc: 24.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



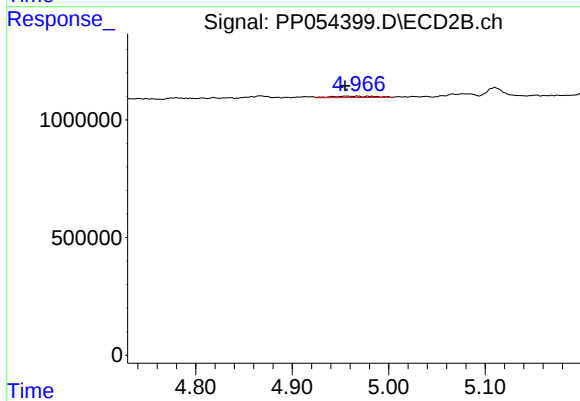
#13 AR-1232-3

R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 85702
Conc: 5.16 ng/ml



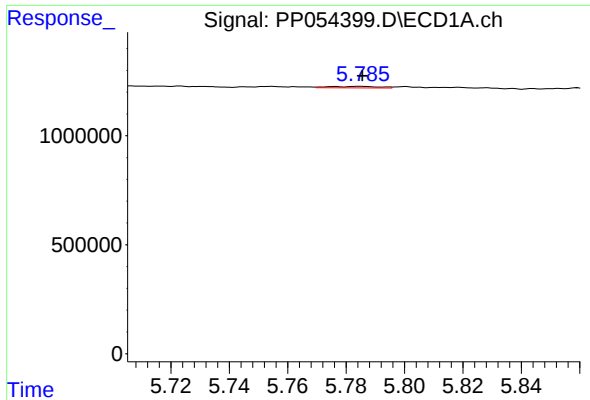
#14 AR-1232-4

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 56806
Conc: 2.54 ng/ml



#14 AR-1232-4

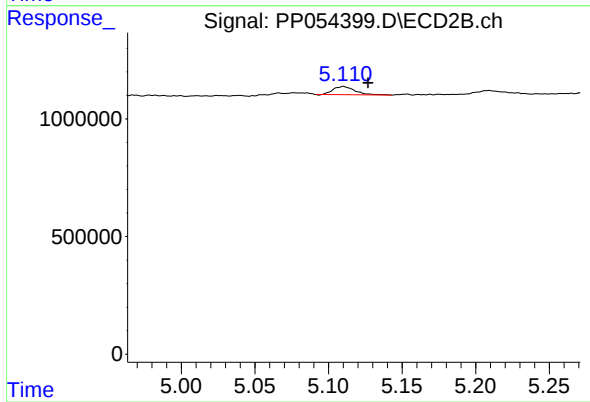
R.T.: 4.966 min
Delta R.T.: 0.012 min
Response: 182326
Conc: 10.87 ng/ml



#15 AR-1232-5

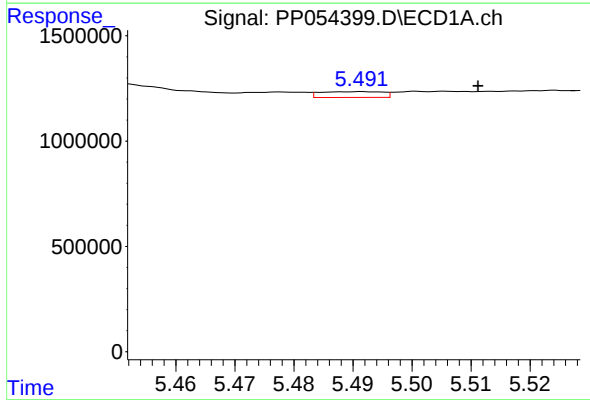
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 83750
Conc: 4.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



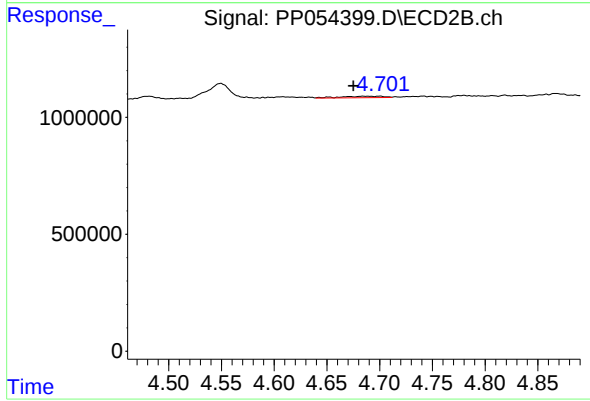
#15 AR-1232-5

R.T.: 5.110 min
Delta R.T.: -0.017 min
Response: 356018
Conc: 19.72 ng/ml



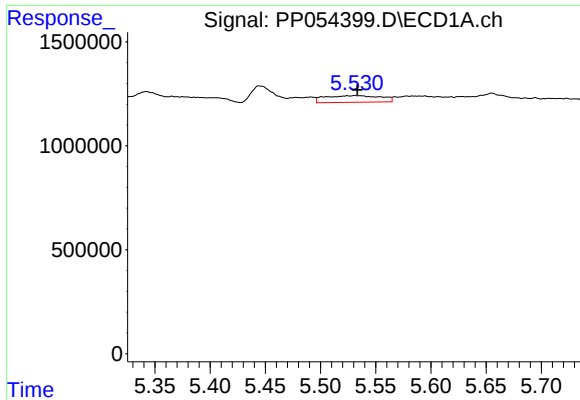
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: -0.020 min
Response: 202739
Conc: 3.41 ng/ml



#16 AR-1242-1

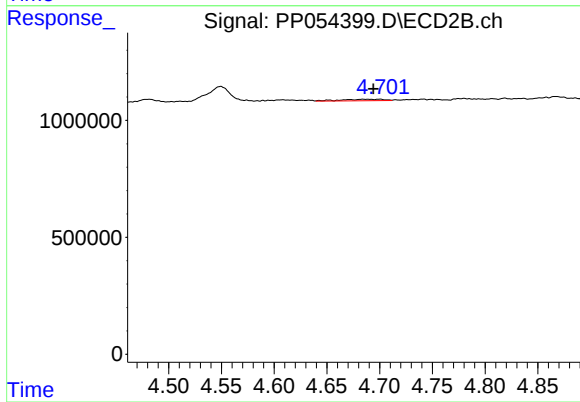
R.T.: 4.699 min
Delta R.T.: 0.024 min
Response: 189041
Conc: 4.48 ng/ml



#17 AR-1242-2

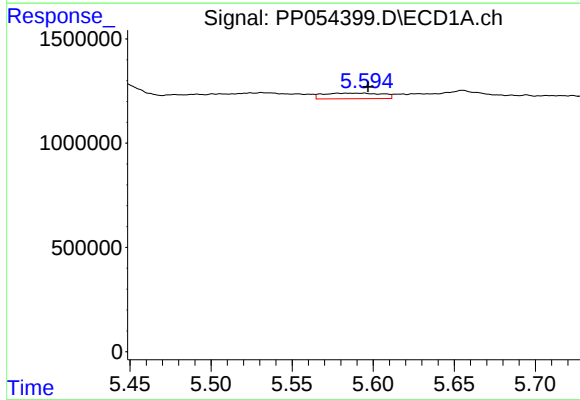
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 1133484
Conc: 13.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



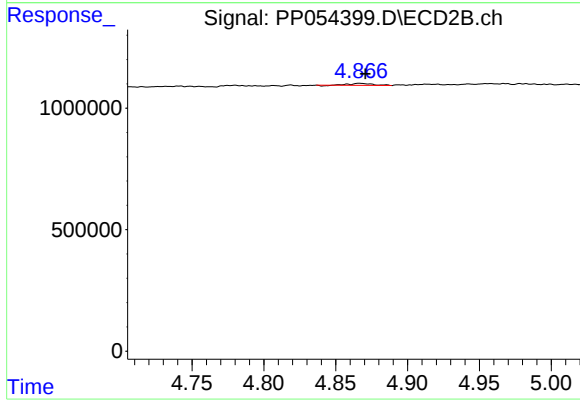
#17 AR-1242-2

R.T.: 4.699 min
Delta R.T.: 0.005 min
Response: 189041
Conc: 3.25 ng/ml



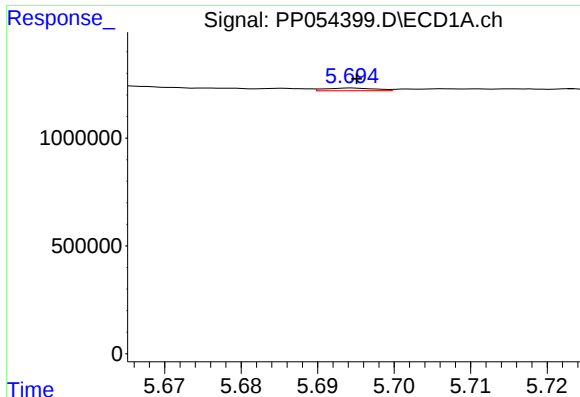
#18 AR-1242-3

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 681007
Conc: 12.46 ng/ml



#18 AR-1242-3

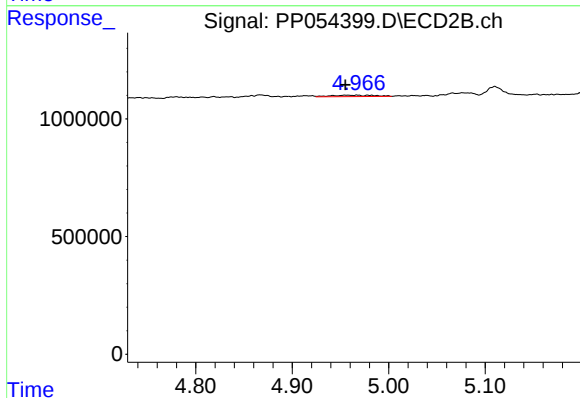
R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 85702
Conc: 2.68 ng/ml



#19 AR-1242-4

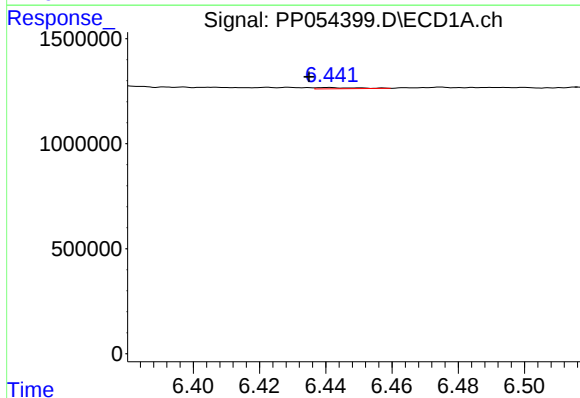
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 56806
Conc: 1.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



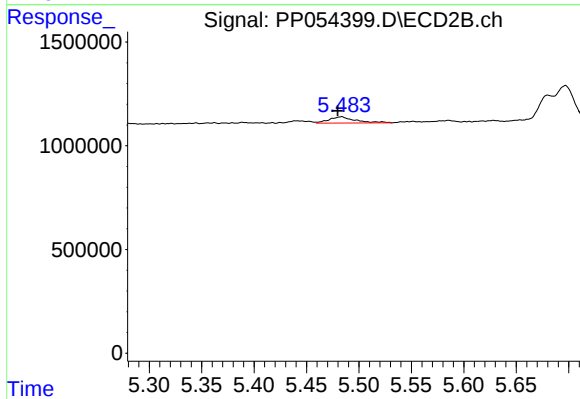
#19 AR-1242-4

R.T.: 4.966 min
Delta R.T.: 0.011 min
Response: 182326
Conc: 5.23 ng/ml



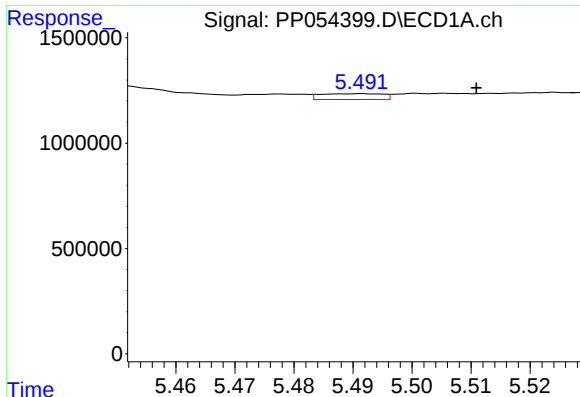
#20 AR-1242-5

R.T.: 6.441 min
Delta R.T.: 0.006 min
Response: 49633
Conc: 1.51 ng/ml



#20 AR-1242-5

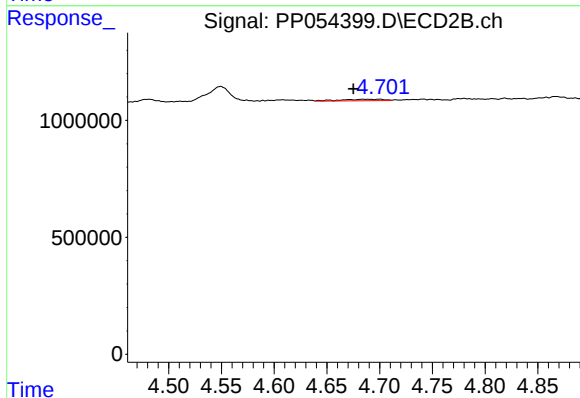
R.T.: 5.483 min
Delta R.T.: 0.003 min
Response: 525381
Conc: 13.96 ng/ml



#21 AR-1248-1

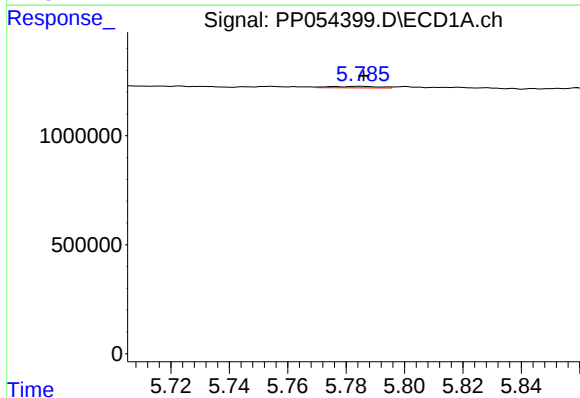
R.T.: 5.491 min
Delta R.T.: -0.020 min
Response: 202739
Conc: 4.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



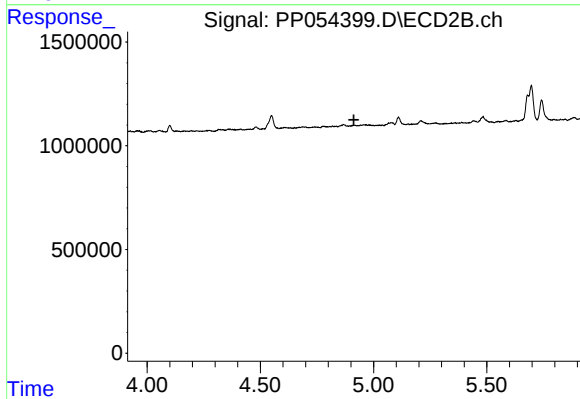
#21 AR-1248-1

R.T.: 4.699 min
Delta R.T.: 0.024 min
Response: 189041
Conc: 5.81 ng/ml



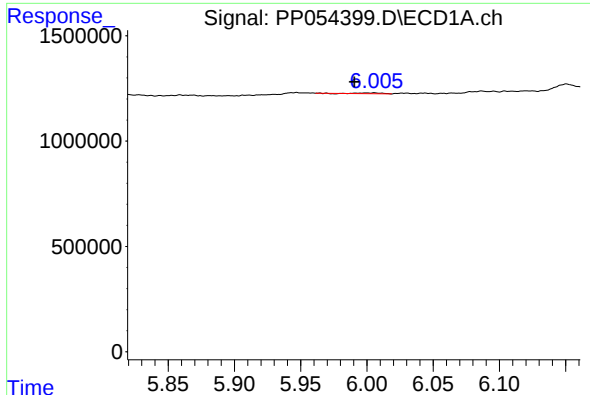
#22 AR-1248-2

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 83750
Conc: 1.32 ng/ml



#22 AR-1248-2

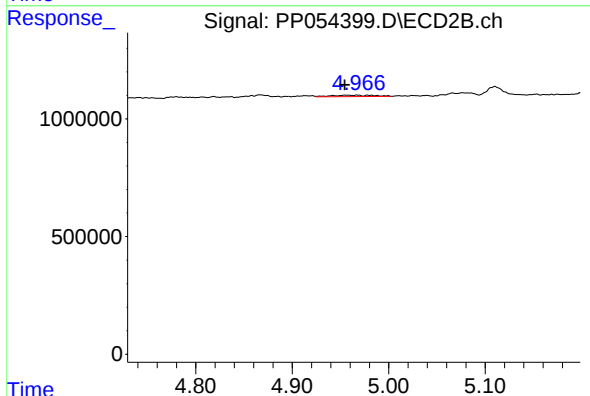
R.T.: 0.000 min
Exp R.T.: 4.913 min
Response: 0
Conc: N.D.



#23 AR-1248-3

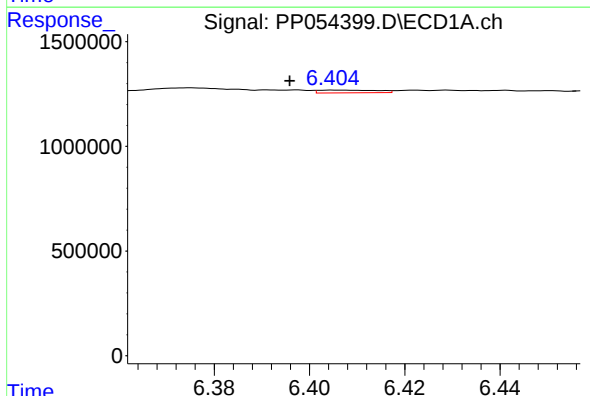
R.T.: 6.006 min
Delta R.T.: 0.015 min
Response: 38349
Conc: 0.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



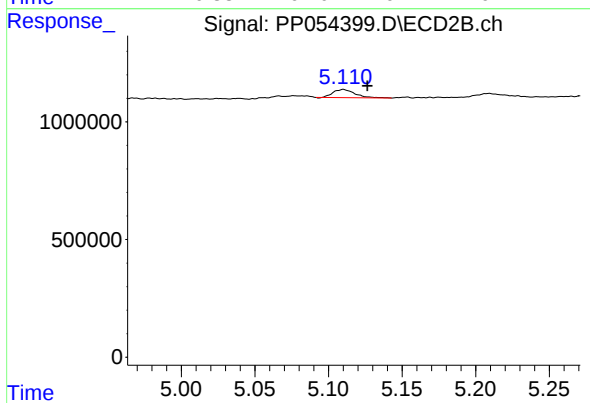
#23 AR-1248-3

R.T.: 4.966 min
Delta R.T.: 0.012 min
Response: 182326
Conc: 3.53 ng/ml



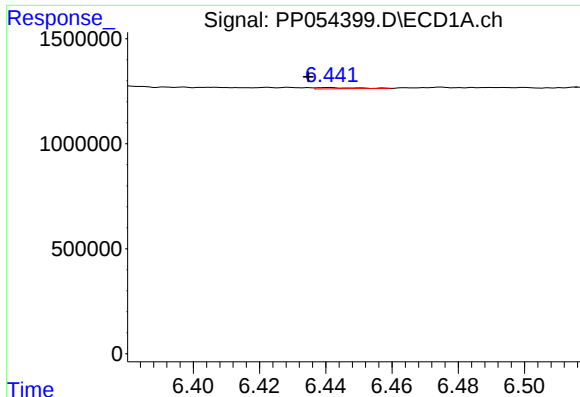
#24 AR-1248-4

R.T.: 6.406 min
Delta R.T.: 0.010 min
Response: 108405
Conc: 1.87 ng/ml



#24 AR-1248-4

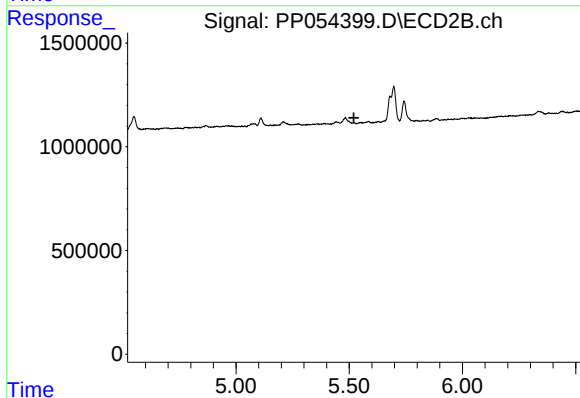
R.T.: 5.110 min
Delta R.T.: -0.016 min
Response: 356018
Conc: 6.03 ng/ml



#25 AR-1248-5

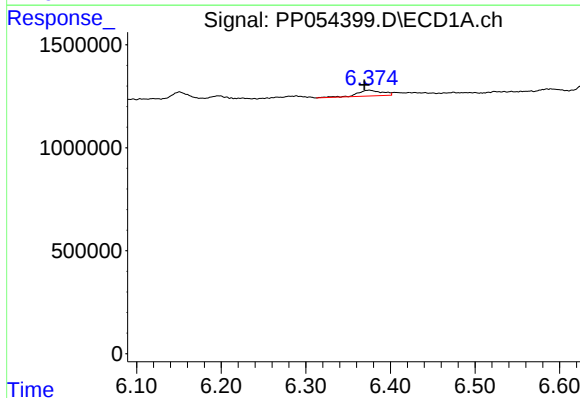
R.T.: 6.441 min
Delta R.T.: 0.006 min
Response: 49633
Conc: 0.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



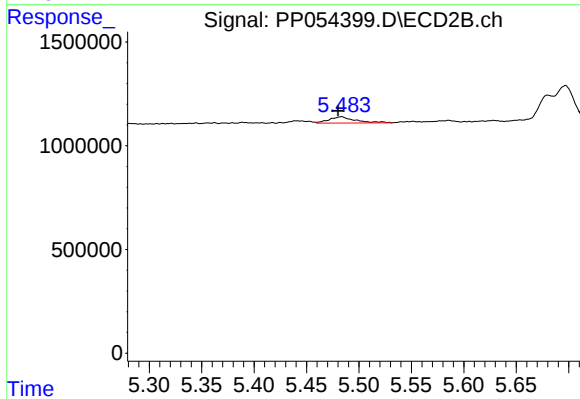
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.521 min
Response: 0
Conc: N.D.



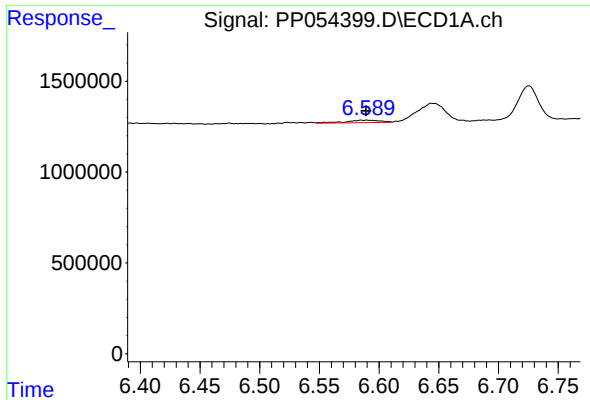
#26 AR-1254-1

R.T.: 6.375 min
Delta R.T.: 0.006 min
Response: 590311
Conc: 9.50 ng/ml



#26 AR-1254-1

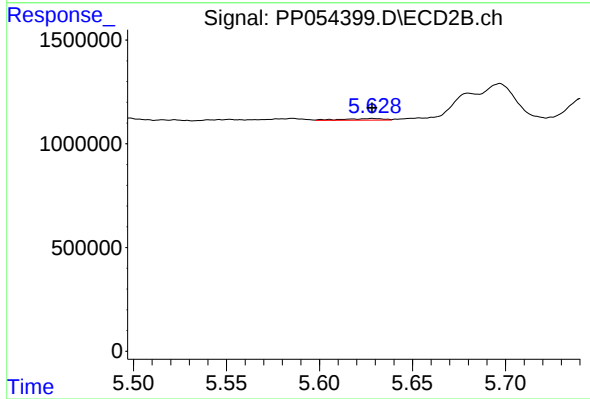
R.T.: 5.483 min
Delta R.T.: 0.003 min
Response: 525381
Conc: 6.13 ng/ml



#27 AR-1254-2

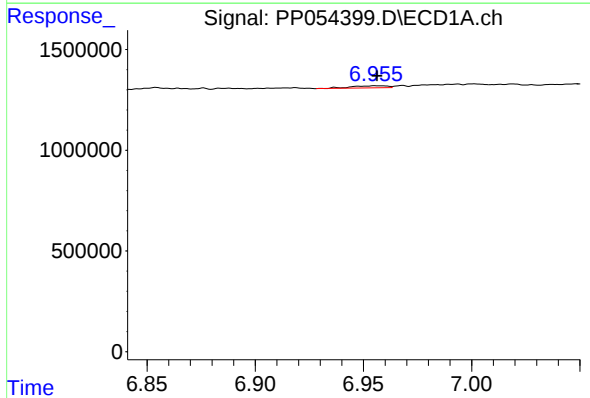
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 270040
Conc: 2.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



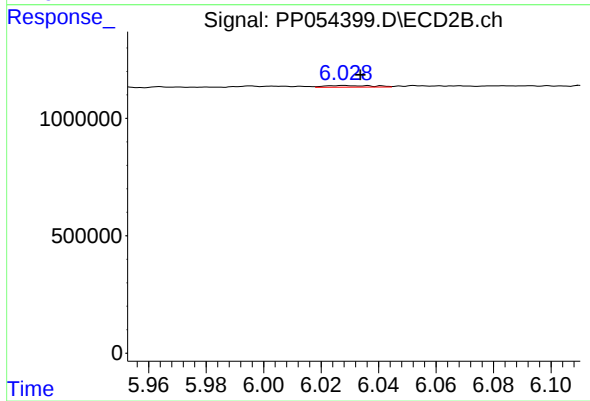
#27 AR-1254-2

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 120235
Conc: 1.62 ng/ml



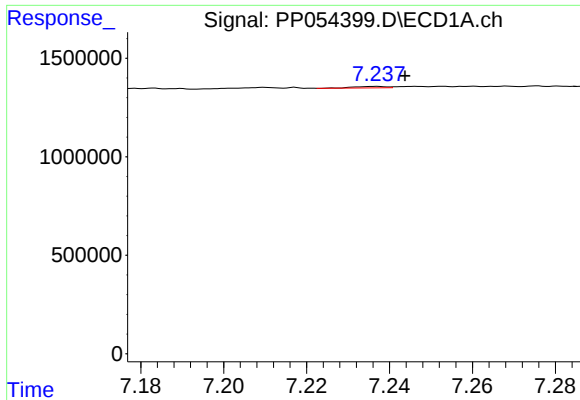
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 118580
Conc: 1.25 ng/ml



#28 AR-1254-3

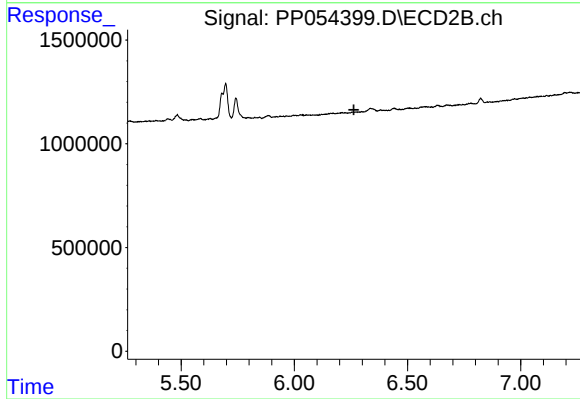
R.T.: 6.028 min
Delta R.T.: -0.006 min
Response: 79076
Conc: 0.68 ng/ml



#29 AR-1254-4

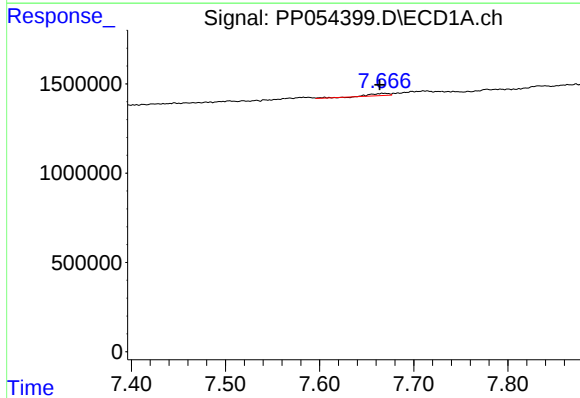
R.T.: 7.236 min
Delta R.T.: -0.007 min
Response: 40962
Conc: 0.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



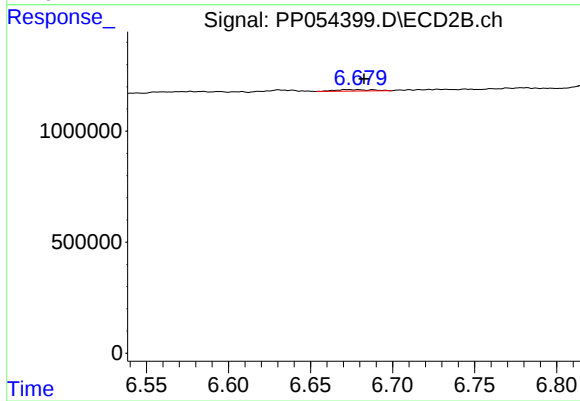
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.263 min
Response: 0
Conc: N.D.



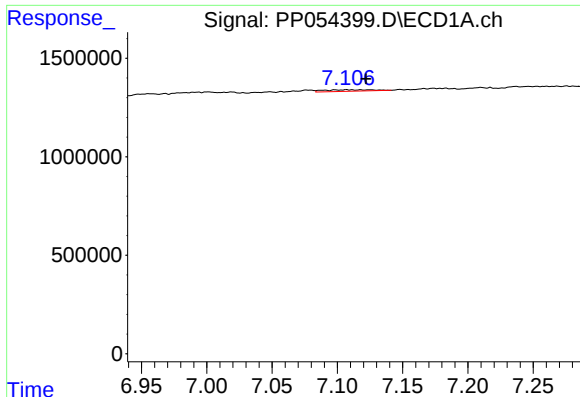
#30 AR-1254-5

R.T.: 7.668 min
Delta R.T.: 0.004 min
Response: 174977
Conc: 2.30 ng/ml



#30 AR-1254-5

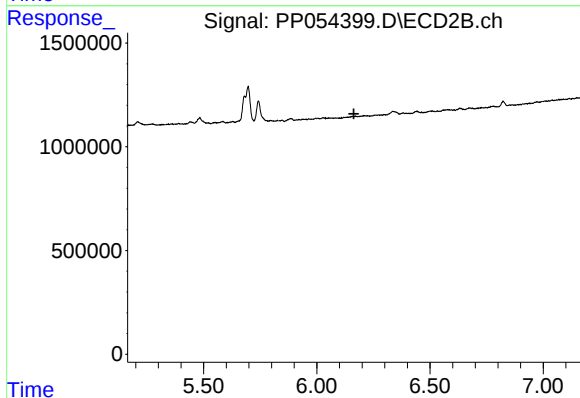
R.T.: 6.675 min
Delta R.T.: -0.008 min
Response: 110131
Conc: 1.15 ng/ml



#31 AR-1260-1

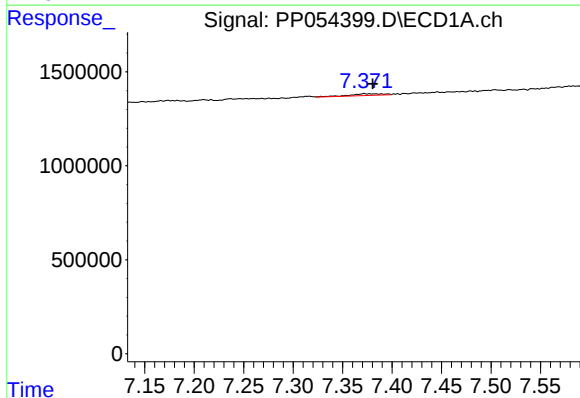
R.T.: 7.107 min
Delta R.T.: -0.015 min
Response: 194896
Conc: 2.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



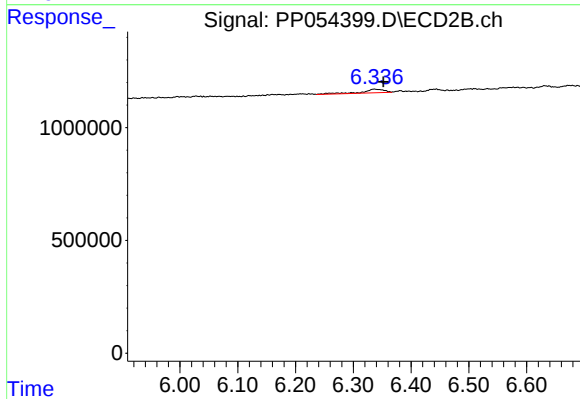
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



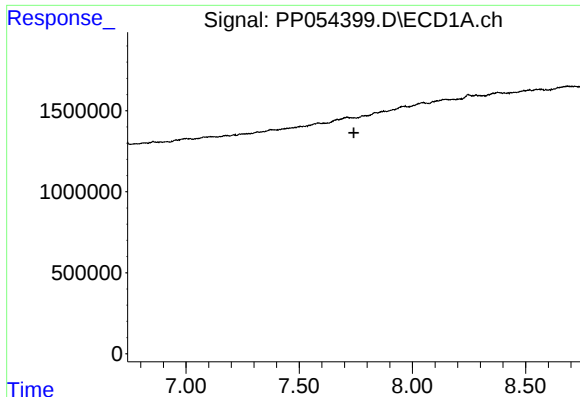
#32 AR-1260-2

R.T.: 7.372 min
Delta R.T.: -0.008 min
Response: 216684
Conc: 2.42 ng/ml



#32 AR-1260-2

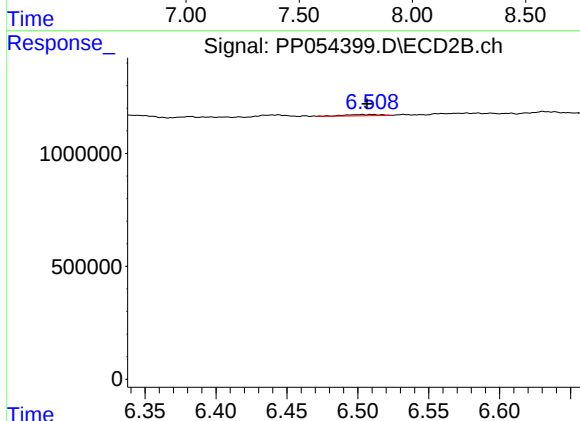
R.T.: 6.337 min
Delta R.T.: -0.016 min
Response: 441751
Conc: 4.62 ng/ml



#33 AR-1260-3

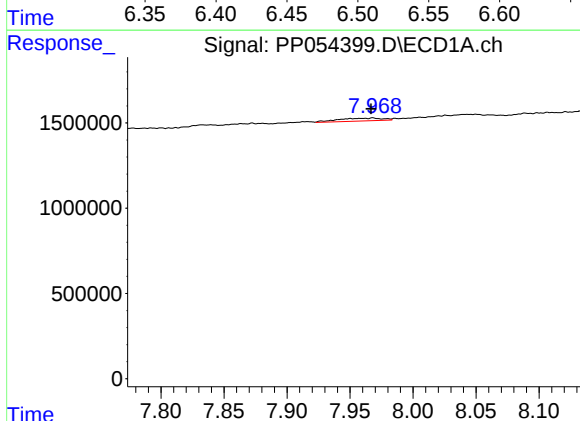
R.T.: 0.000 min
Exp R.T.: 7.741 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
1524



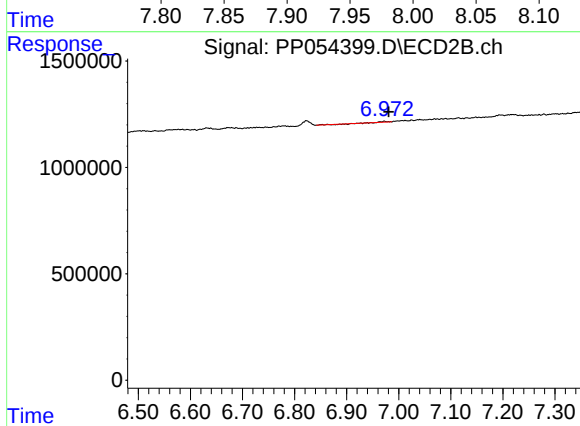
#33 AR-1260-3

R.T.: 6.509 min
Delta R.T.: 0.002 min
Response: 104891
Conc: 1.15 ng/ml



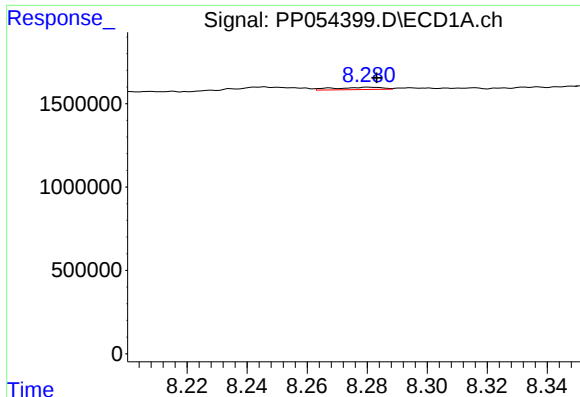
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: 0.001 min
Response: 408228
Conc: 5.12 ng/ml



#34 AR-1260-4

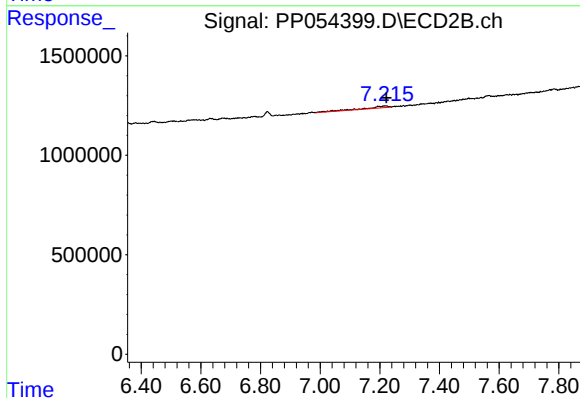
R.T.: 6.973 min
Delta R.T.: -0.008 min
Response: 27728
Conc: 0.37 ng/ml



#35 AR-1260-5

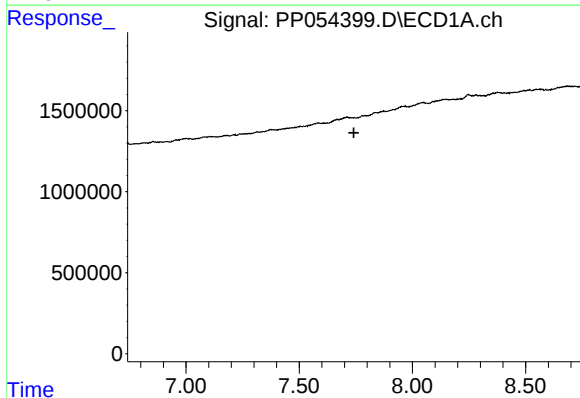
R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 150149
Conc: 1.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



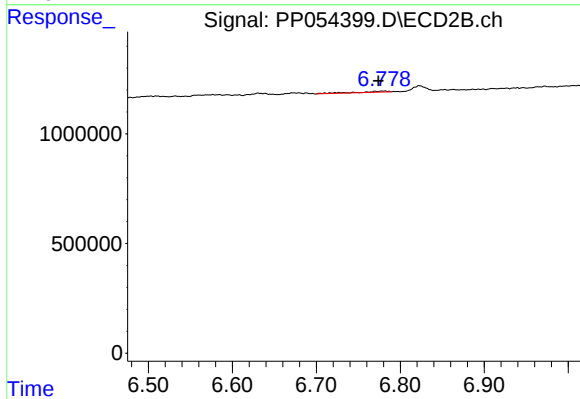
#35 AR-1260-5

R.T.: 7.219 min
Delta R.T.: -0.003 min
Response: 542554
Conc: 3.43 ng/ml



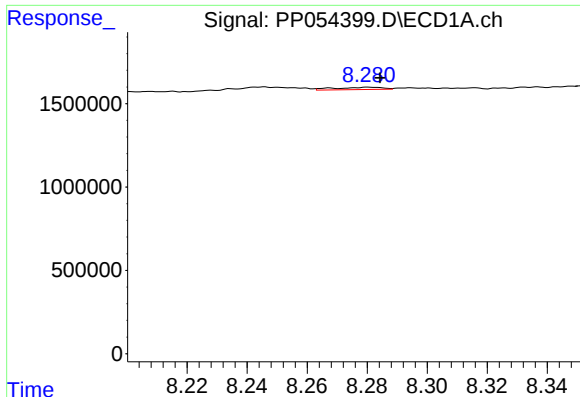
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.741 min
Response: 0
Conc: N.D.



#36 AR-1262-1

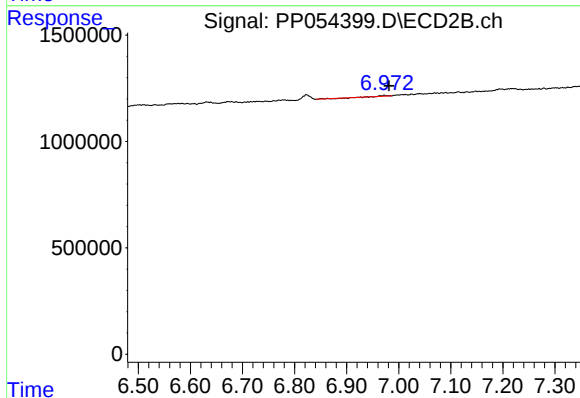
R.T.: 6.780 min
Delta R.T.: 0.006 min
Response: 116676
Conc: 2.86 ng/ml



#37 AR-1262-2

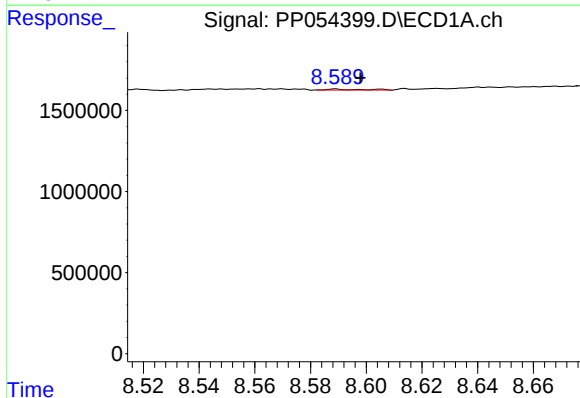
R.T.: 8.281 min
Delta R.T.: -0.004 min
Response: 150149
Conc: 1.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



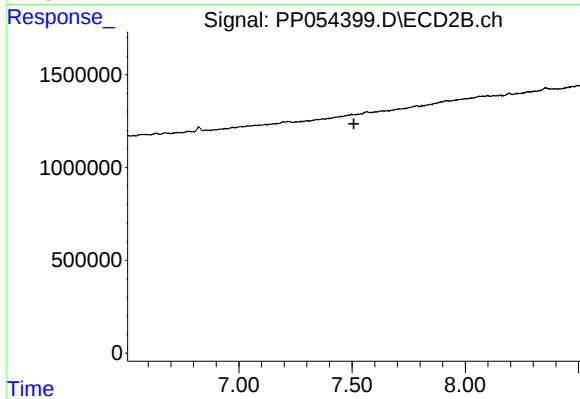
#37 AR-1262-2

R.T.: 6.973 min
Delta R.T.: -0.008 min
Response: 27728
Conc: 0.32 ng/ml



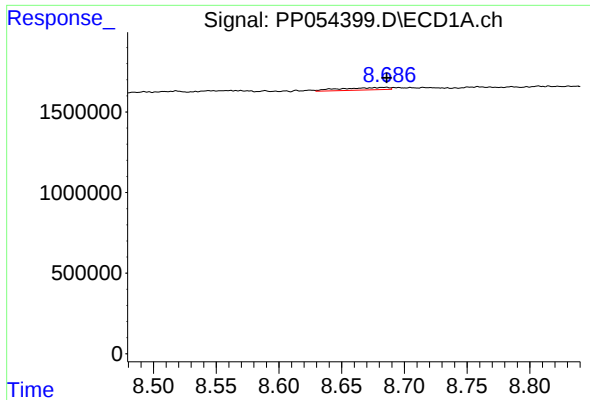
#38 AR-1262-3

R.T.: 8.589 min
Delta R.T.: -0.009 min
Response: 50673
Conc: 0.49 ng/ml



#38 AR-1262-3

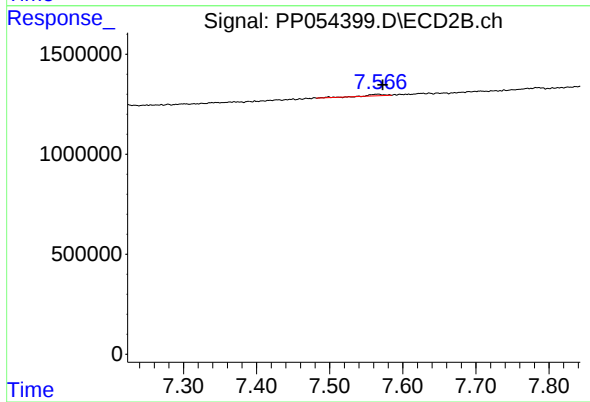
R.T.: 0.000 min
Exp R.T.: 7.508 min
Response: 0
Conc: N.D.



#39 AR-1262-4

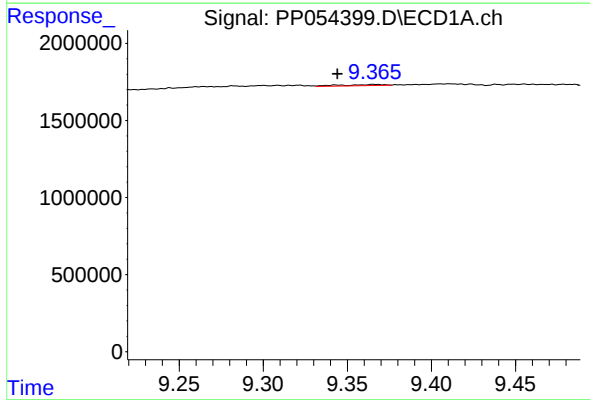
R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 401323
Conc: 7.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



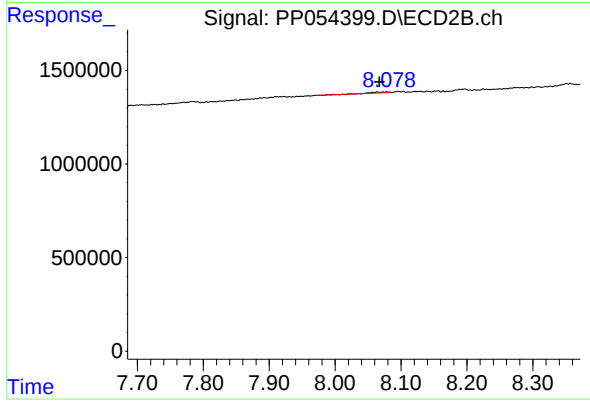
#39 AR-1262-4

R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 106816
Conc: 0.91 ng/ml



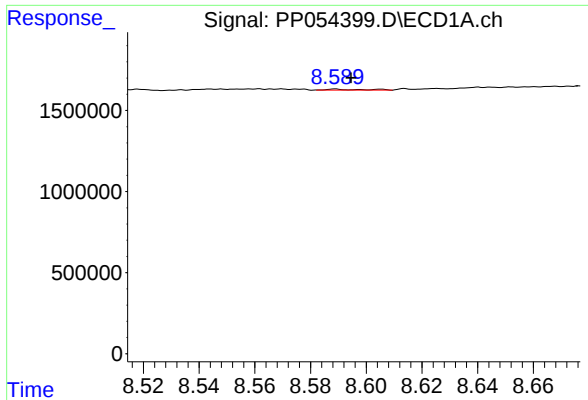
#40 AR-1262-5

R.T.: 9.367 min
Delta R.T.: 0.023 min
Response: 133474
Conc: 2.38 ng/ml



#40 AR-1262-5

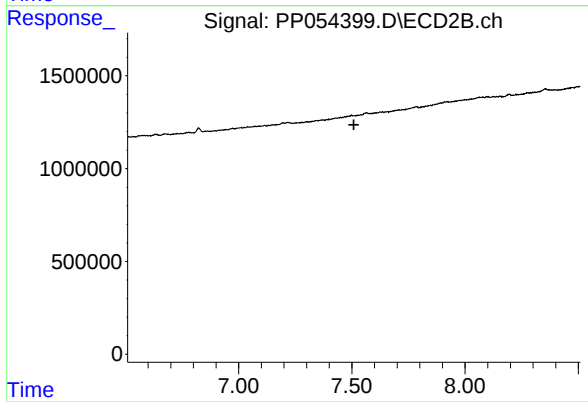
R.T.: 8.078 min
Delta R.T.: 0.011 min
Response: 104808
Conc: 1.90 ng/ml



#41 AR-1268-1

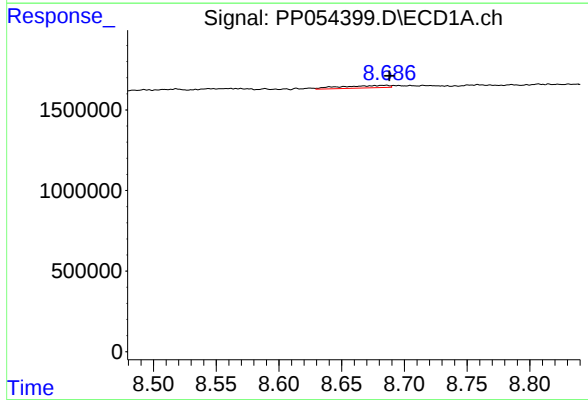
R.T.: 8.589 min
Delta R.T.: -0.006 min
Response: 50673
Conc: 0.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



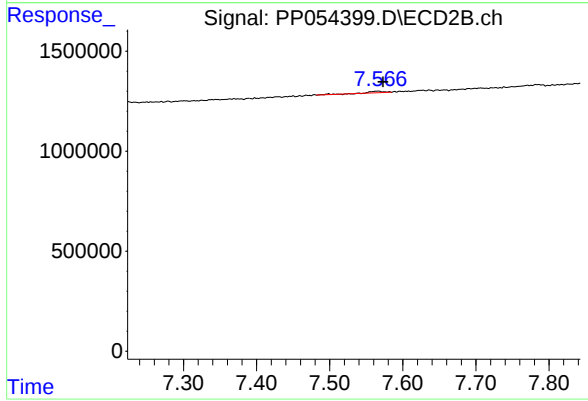
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.509 min
Response: 0
Conc: N.D.



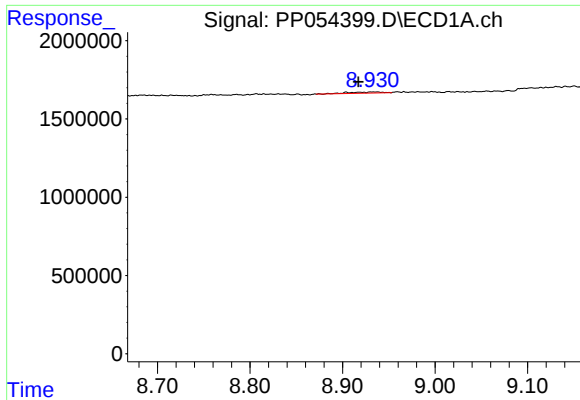
#42 AR-1268-2

R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 401323
Conc: 2.27 ng/ml



#42 AR-1268-2

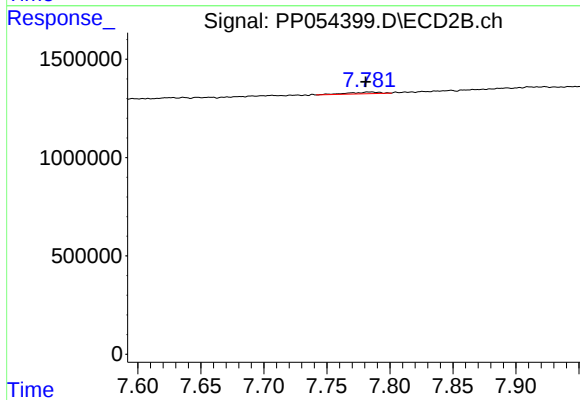
R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 106816
Conc: 0.58 ng/ml



#43 AR-1268-3

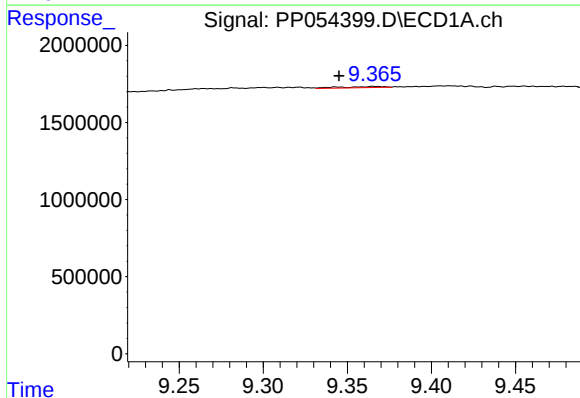
R.T.: 8.904 min
Delta R.T.: -0.013 min
Response: 187056
Conc: 1.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



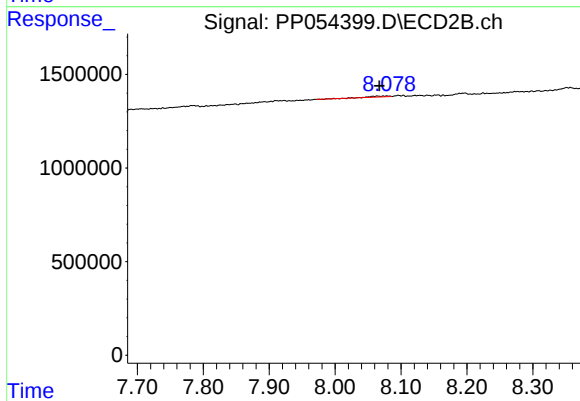
#43 AR-1268-3

R.T.: 7.785 min
Delta R.T.: 0.004 min
Response: 142888
Conc: 0.84 ng/ml



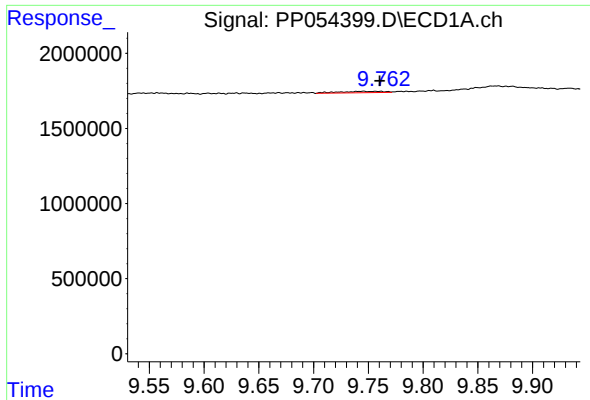
#44 AR-1268-4

R.T.: 9.367 min
Delta R.T.: 0.022 min
Response: 133474
Conc: 1.95 ng/ml



#44 AR-1268-4

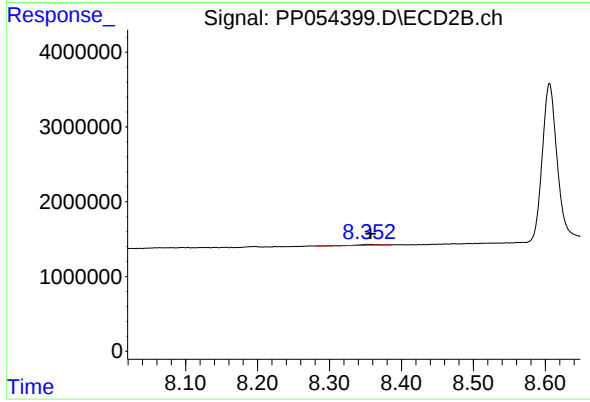
R.T.: 8.078 min
Delta R.T.: 0.011 min
Response: 104808
Conc: 1.66 ng/ml



#45 AR-1268-5

R.T.: 9.745 min
Delta R.T.: -0.016 min
Response: 281834
Conc: 0.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
1524



#45 AR-1268-5

R.T.: 8.355 min
Delta R.T.: -0.002 min
Response: 166392
Conc: 0.34 ng/ml