

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071122\
 Data File : PP049341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2022 13:12
 Operator : YP\AJ
 Sample : N3649-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 00:00:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 09:37:18 2022
 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...	4.346	3.597	32101972	55162620	22.582	21.542
2)	SA Decachlor...	10.095	8.568	23710374	19467508	19.330	17.270
Target Compounds							
3)	L1 AR-1016-1	5.529	4.691f	160836	208066	3.059	2.280 #
4)	L1 AR-1016-2	5.554	4.691	181139	208066	2.404	1.617 #
5)	L1 AR-1016-3	5.614	0.000	40832	0	0.839	N.D. #
6)	L1 AR-1016-4	5.711	4.904	27082	14776	0.698	0.289 #
7)	L1 AR-1016-5	6.022f	5.106	327254	517808	8.577	6.941
8)	L2 AR-1221-1	4.569	0.000	201392	0	11.814	N.D. #
9)	L2 AR-1221-2	4.654	3.895	497090	1205488	38.883	46.959
10)	L2 AR-1221-3	4.735	3.969	72037	473898	1.820	6.445 #
11)	L3 AR-1232-1	4.735	3.969	72037	473898	1.895	6.821 #
12)	L3 AR-1232-2	5.252	4.691	110241	208066	5.832	3.239 #
13)	L3 AR-1232-3	5.554	0.000	181139	0	4.901	N.D. #
14)	L3 AR-1232-4	5.711	0.000	27082	0	1.417	N.D. #
15)	L3 AR-1232-5	5.799	5.106	229879	517808	14.740	14.463
16)	L4 AR-1242-1	5.529	4.691f	160836	208066	3.969	2.893 #
17)	L4 AR-1242-2	5.554	4.691	181139	208066	3.145	2.054 #
18)	L4 AR-1242-3	5.614	0.000	40832	0	1.128	N.D. #
19)	L4 AR-1242-4	5.711	0.000	27082	0	0.921	N.D. #
20)	L4 AR-1242-5	6.449	5.466	192800	573430	5.778	8.236 #
21)	L5 AR-1248-1	5.529	4.691f	160836	208066	5.001	3.580 #
22)	L5 AR-1248-2	5.799	4.904	229879	14776	4.945	0.220 #
23)	L5 AR-1248-3	6.022f	0.000	327254	0	6.111	N.D. #
24)	L5 AR-1248-4	6.414	5.106	60732	517808	0.983	5.249 #
25)	L5 AR-1248-5	6.449	5.511	192800	286026	3.344	2.851
26)	L6 AR-1254-1	6.389	5.466	71114	573430	1.055	3.906 #
27)	L6 AR-1254-2	6.606	0.000	714057	0	7.613	N.D. #
28)	L6 AR-1254-3	6.993f	0.000	607881	0	5.991	N.D. #
29)	L6 AR-1254-4	7.264	6.243	108288	30144	1.443	0.279 #
30)	L6 AR-1254-5	7.678	6.656	1013444	68295	12.012	0.471 #
31)	L7 AR-1260-1	7.145f	6.150	41087	317836	0.565	2.759 #
32)	L7 AR-1260-2	7.396	6.321	681532	377694	8.098	2.816 #
33)	L7 AR-1260-3	7.751	6.493	927178	326676	16.573	2.684 #
34)	L7 AR-1260-4	7.991f	6.959	76677	213270	1.096	2.528 #
35)	L7 AR-1260-5	8.297	0.000	331285	0	2.418	N.D. #
36)	L8 AR-1262-1	7.751	0.000	927178	0	9.892	N.D. #
37)	L8 AR-1262-2	8.297	6.959	331285	213270	1.936	1.882
38)	L8 AR-1262-3	8.611	7.488	243867	1374429	3.259	16.869 #
39)	L8 AR-1262-4	8.719f	7.545	21817	315305	0.465	2.163 #
40)	L8 AR-1262-5	9.349	0.000	255169	0	4.220	N.D. #
41)	L9 AR-1268-1	8.611	7.488	243867	1374429	1.299	6.389 #

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Integration File signal 1: autoint1.e
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 Integrator: ChemStation

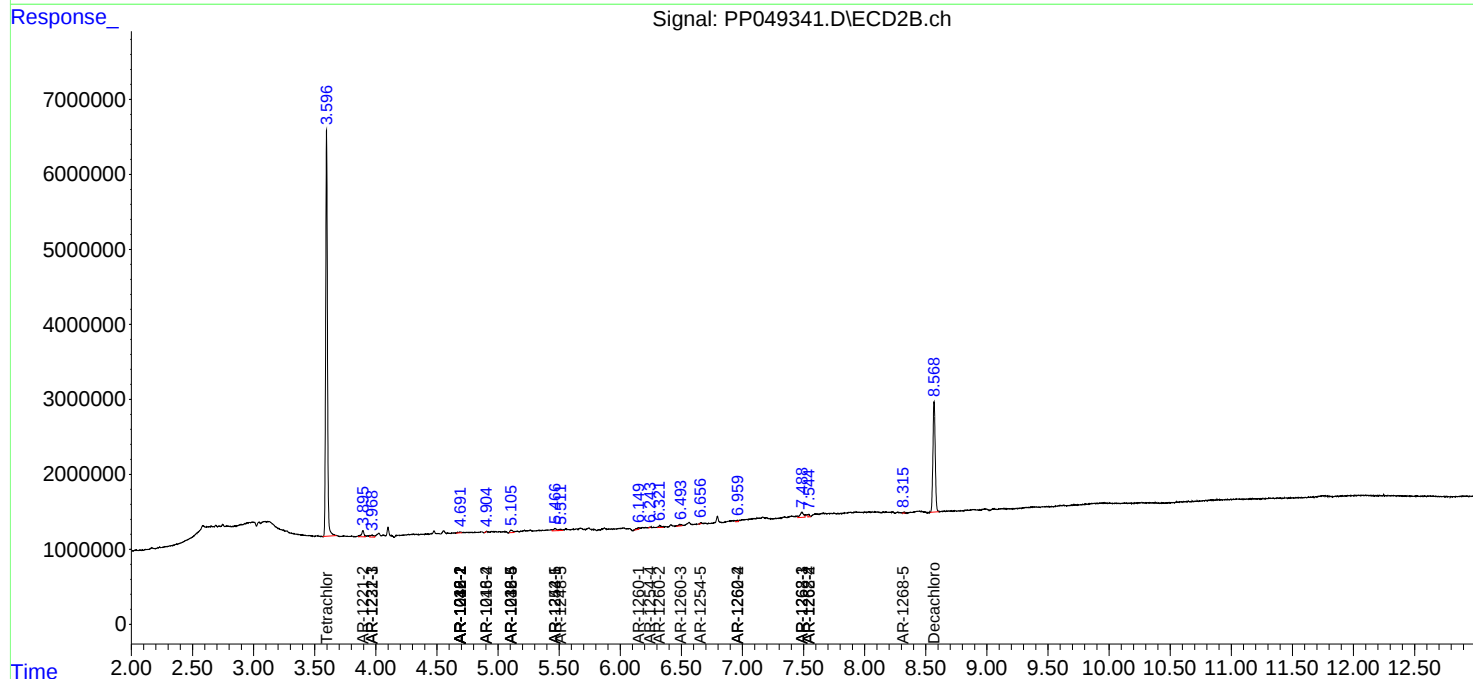
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

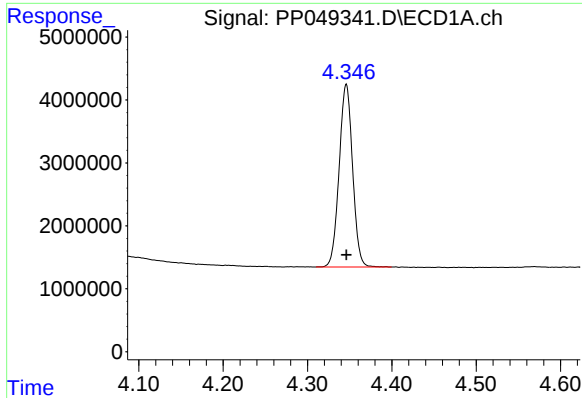
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.719f	7.545	21817	315305	0.125	1.648 #
43) L9	AR-1268-3	8.923	0.000	327203	0	2.284	N.D. #
44) L9	AR-1268-4	9.349	0.000	255169	0	3.983	N.D. #
45) L9	AR-1268-5	9.778f	8.316	1000304	109931	2.169	0.276 #

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

Instrument :
ECD_P
ClientSampleId :

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

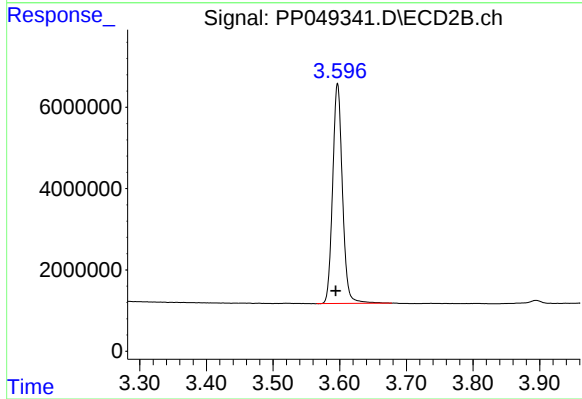




#1 Tetrachloro-m-xylene

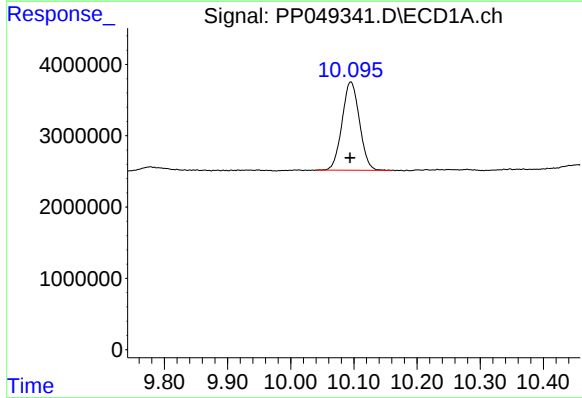
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 32101972
Conc: 22.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



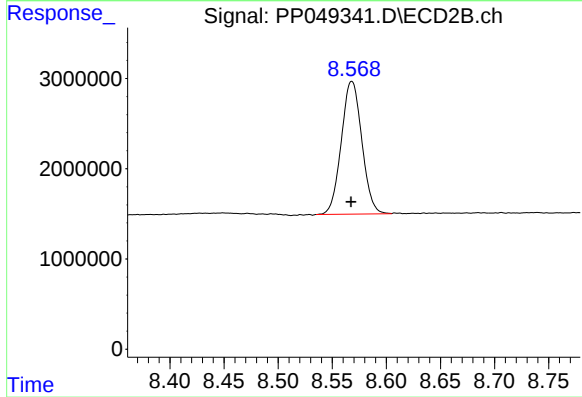
#1 Tetrachloro-m-xylene

R.T.: 3.597 min
Delta R.T.: 0.003 min
Response: 55162620
Conc: 21.54 ng/ml



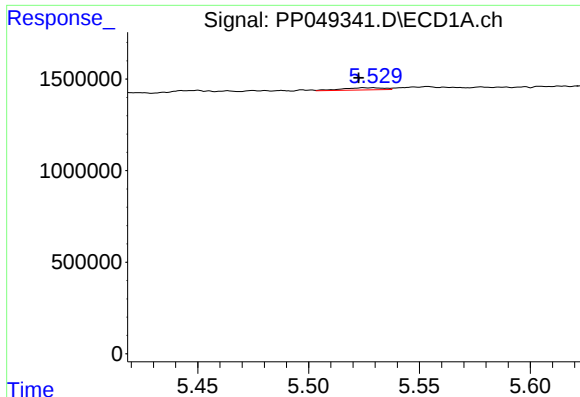
#2 Decachlorobiphenyl

R.T.: 10.095 min
Delta R.T.: 0.000 min
Response: 23710374
Conc: 19.33 ng/ml



#2 Decachlorobiphenyl

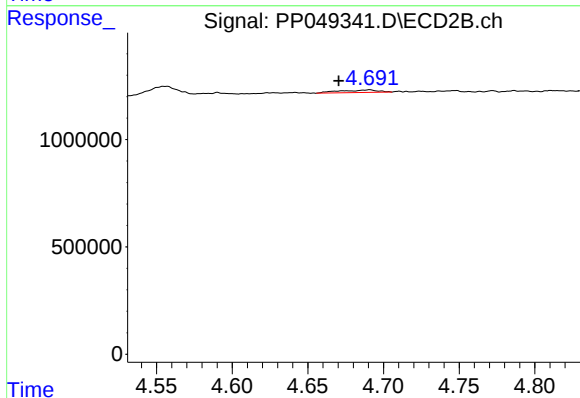
R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 19467508
Conc: 17.27 ng/ml



#3 AR-1016-1

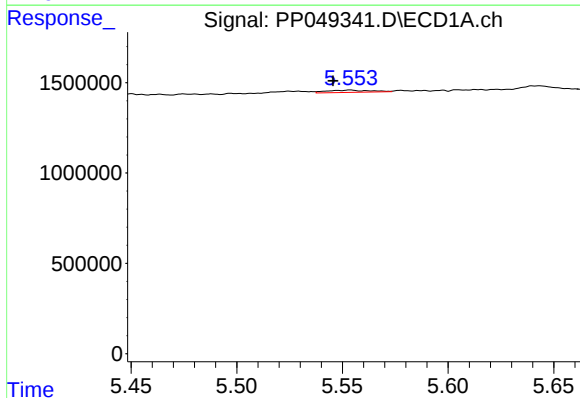
R.T.: 5.529 min
Delta R.T.: 0.006 min
Response: 160836
Conc: 3.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



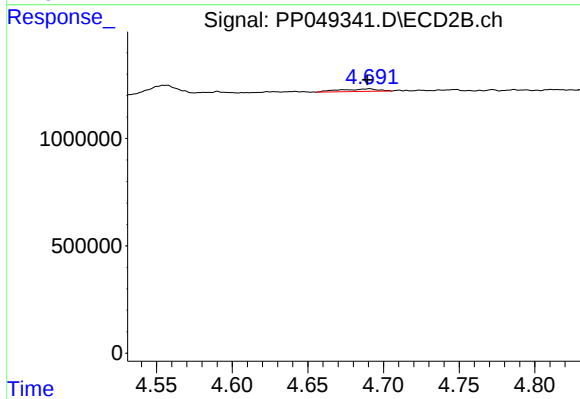
#3 AR-1016-1

R.T.: 4.691 min
Delta R.T.: 0.021 min
Response: 208066
Conc: 2.28 ng/ml



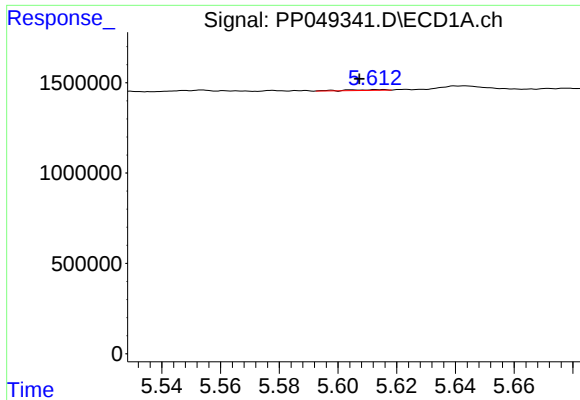
#4 AR-1016-2

R.T.: 5.554 min
Delta R.T.: 0.008 min
Response: 181139
Conc: 2.40 ng/ml



#4 AR-1016-2

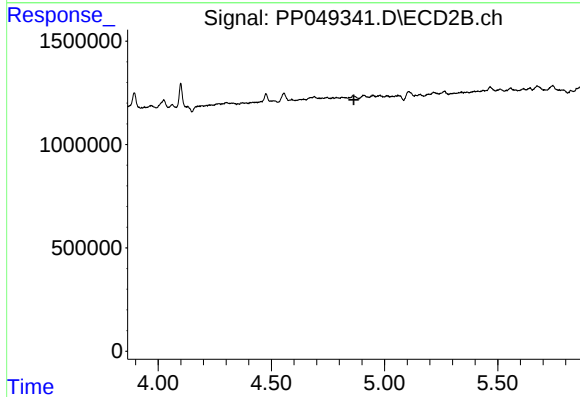
R.T.: 4.691 min
Delta R.T.: 0.002 min
Response: 208066
Conc: 1.62 ng/ml



#5 AR-1016-3

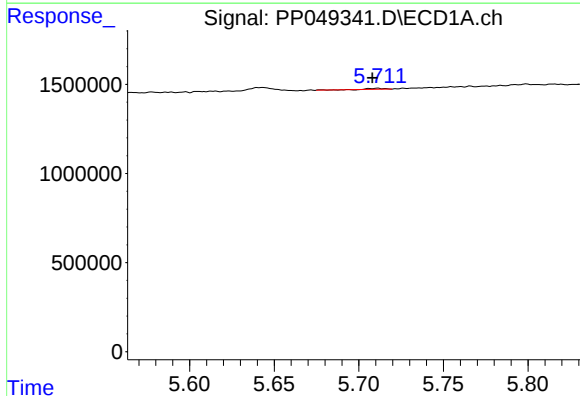
R.T.: 5.614 min
Delta R.T.: 0.007 min
Response: 40832
Conc: 0.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



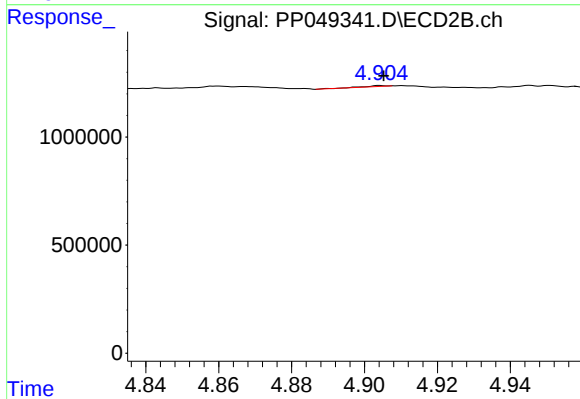
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



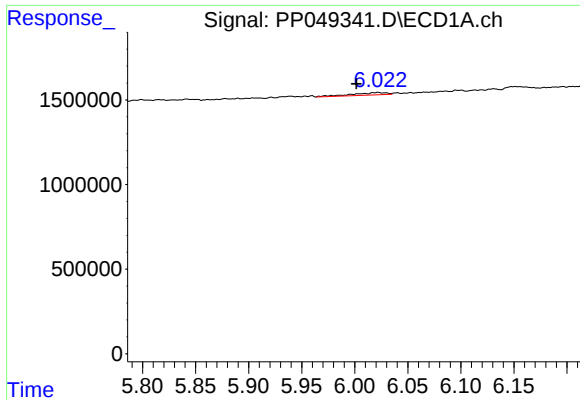
#6 AR-1016-4

R.T.: 5.711 min
Delta R.T.: 0.003 min
Response: 27082
Conc: 0.70 ng/ml



#6 AR-1016-4

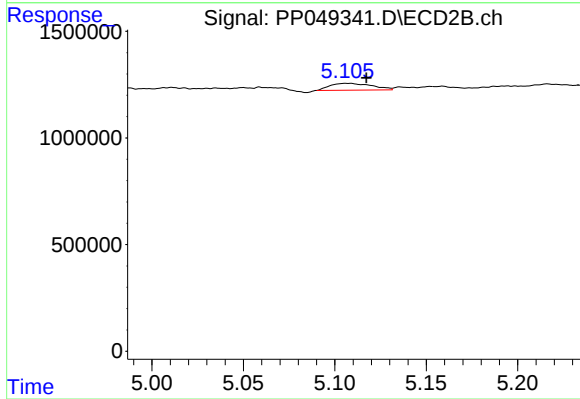
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 14776
Conc: 0.29 ng/ml



#7 AR-1016-5

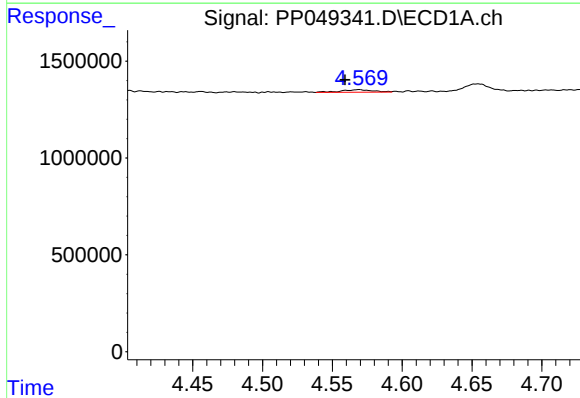
R.T.: 6.022 min
Delta R.T.: 0.021 min
Response: 327254
Conc: 8.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



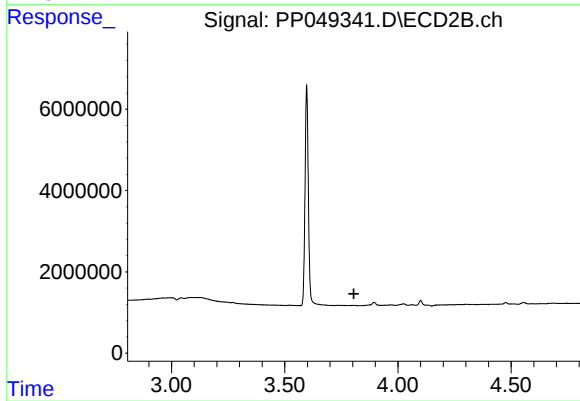
#7 AR-1016-5

R.T.: 5.106 min
Delta R.T.: -0.011 min
Response: 517808
Conc: 6.94 ng/ml



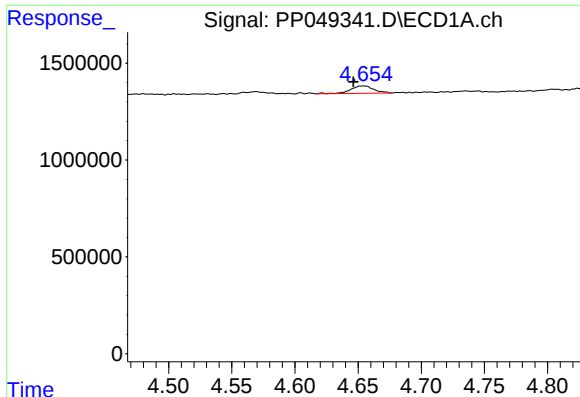
#8 AR-1221-1

R.T.: 4.569 min
Delta R.T.: 0.010 min
Response: 201392
Conc: 11.81 ng/ml



#8 AR-1221-1

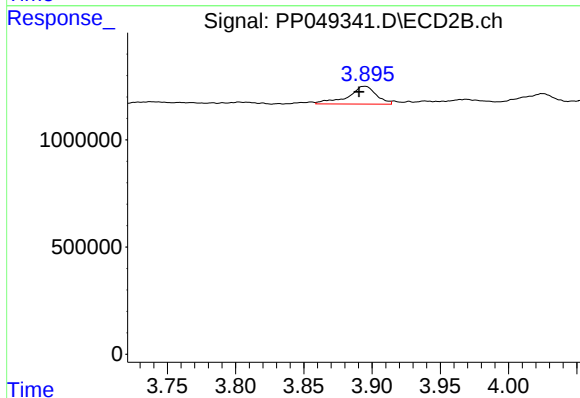
R.T.: 0.000 min
Exp R.T. : 3.806 min
Response: 0
Conc: N.D.



#9 AR-1221-2

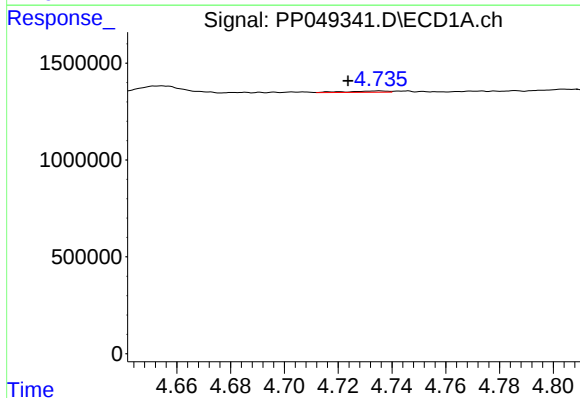
R.T.: 4.654 min
Delta R.T.: 0.008 min
Response: 497090
Conc: 38.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



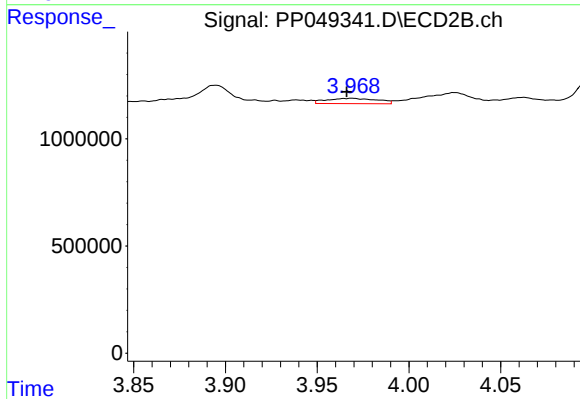
#9 AR-1221-2

R.T.: 3.895 min
Delta R.T.: 0.004 min
Response: 1205488
Conc: 46.96 ng/ml



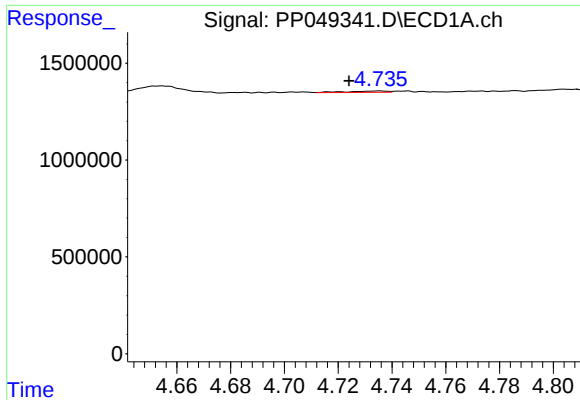
#10 AR-1221-3

R.T.: 4.735 min
Delta R.T.: 0.011 min
Response: 72037
Conc: 1.82 ng/ml



#10 AR-1221-3

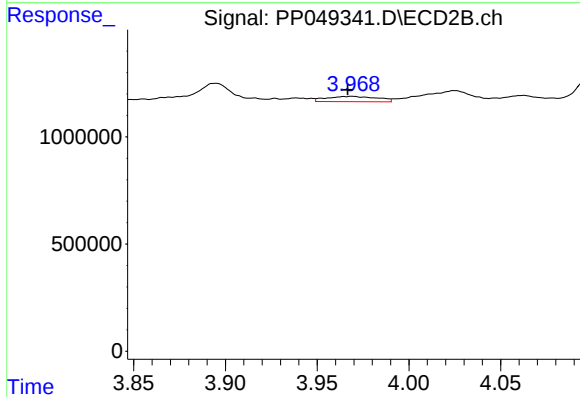
R.T.: 3.969 min
Delta R.T.: 0.003 min
Response: 473898
Conc: 6.44 ng/ml



#11 AR-1232-1

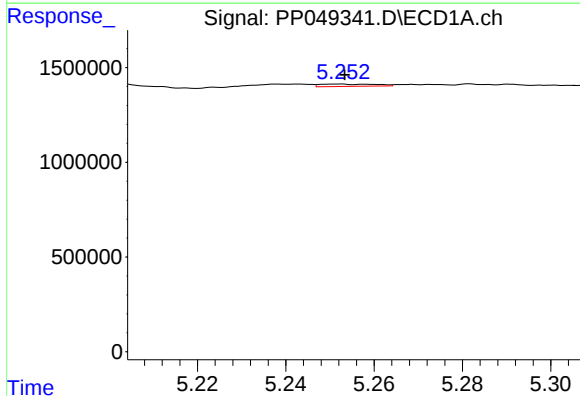
R.T.: 4.735 min
Delta R.T.: 0.011 min
Response: 72037
Conc: 1.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



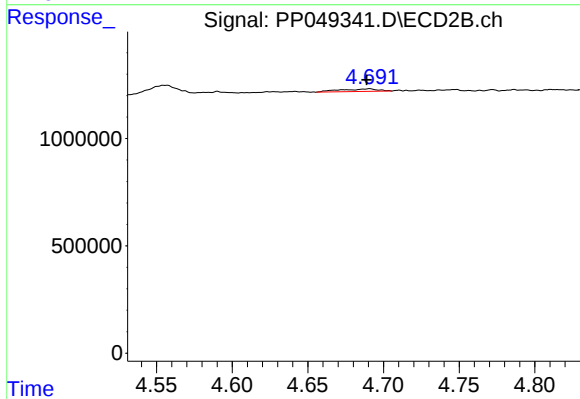
#11 AR-1232-1

R.T.: 3.969 min
Delta R.T.: 0.002 min
Response: 473898
Conc: 6.82 ng/ml



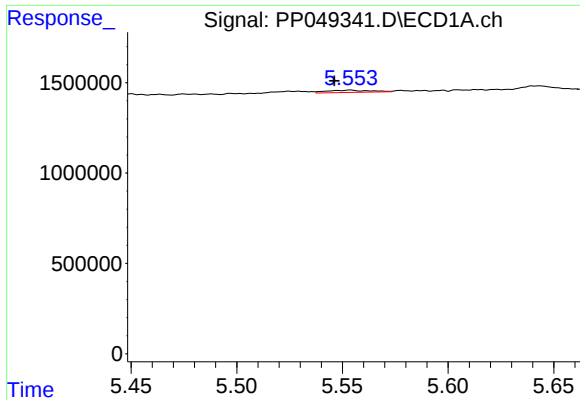
#12 AR-1232-2

R.T.: 5.252 min
Delta R.T.: -0.002 min
Response: 110241
Conc: 5.83 ng/ml



#12 AR-1232-2

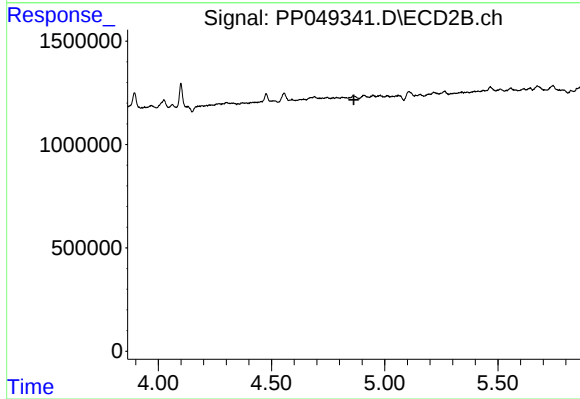
R.T.: 4.691 min
Delta R.T.: 0.002 min
Response: 208066
Conc: 3.24 ng/ml



#13 AR-1232-3

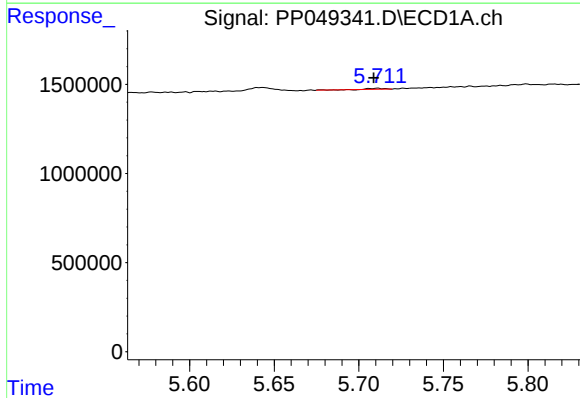
R.T.: 5.554 min
Delta R.T.: 0.008 min
Response: 181139
Conc: 4.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



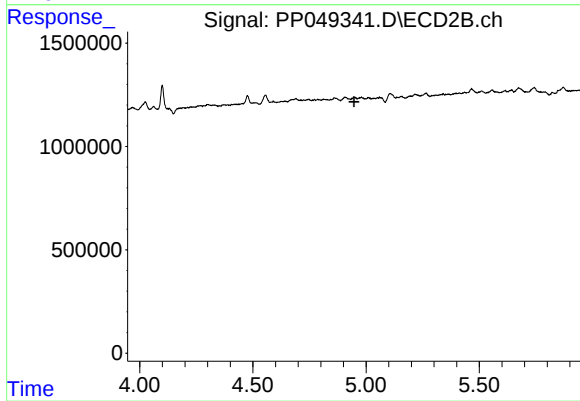
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



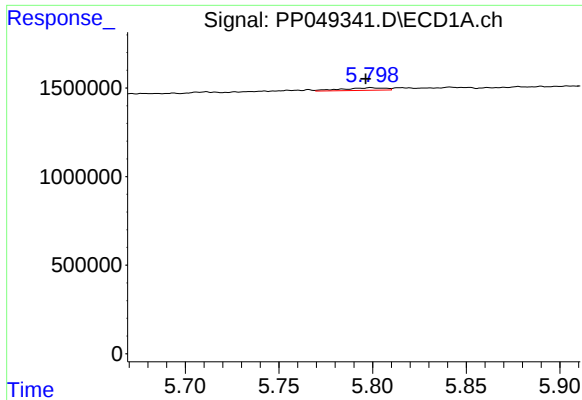
#14 AR-1232-4

R.T.: 5.711 min
Delta R.T.: 0.002 min
Response: 27082
Conc: 1.42 ng/ml



#14 AR-1232-4

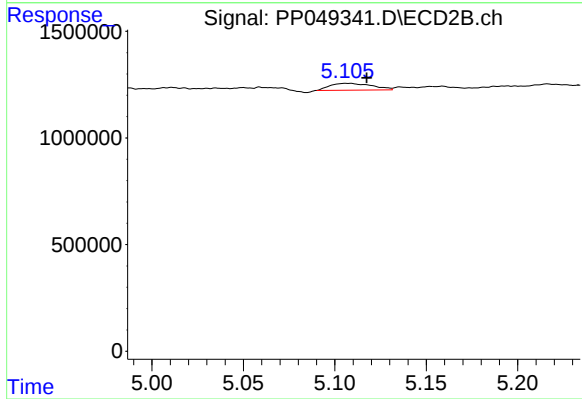
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#15 AR-1232-5

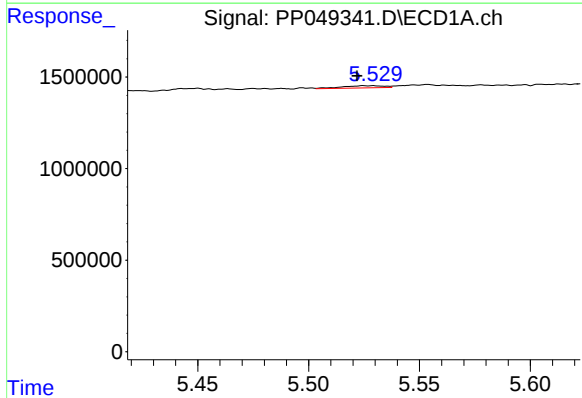
R.T.: 5.799 min
Delta R.T.: 0.003 min
Response: 229879
Conc: 14.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



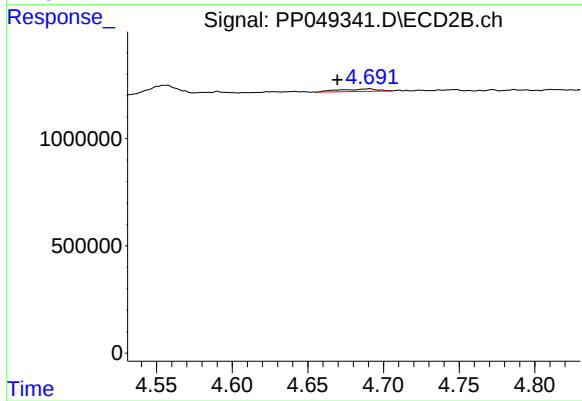
#15 AR-1232-5

R.T.: 5.106 min
Delta R.T.: -0.011 min
Response: 517808
Conc: 14.46 ng/ml



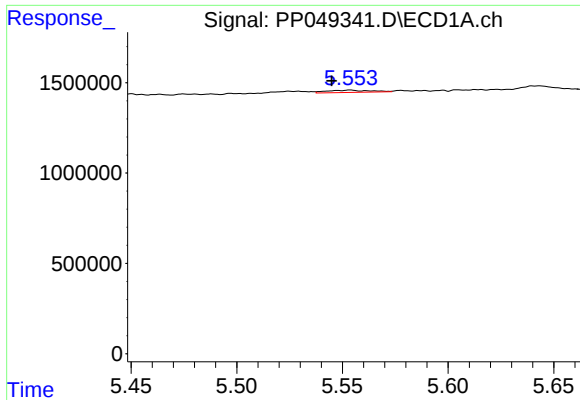
#16 AR-1242-1

R.T.: 5.529 min
Delta R.T.: 0.007 min
Response: 160836
Conc: 3.97 ng/ml



#16 AR-1242-1

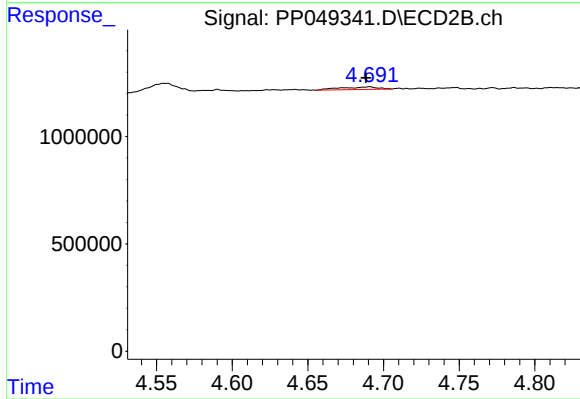
R.T.: 4.691 min
Delta R.T.: 0.022 min
Response: 208066
Conc: 2.89 ng/ml



#17 AR-1242-2

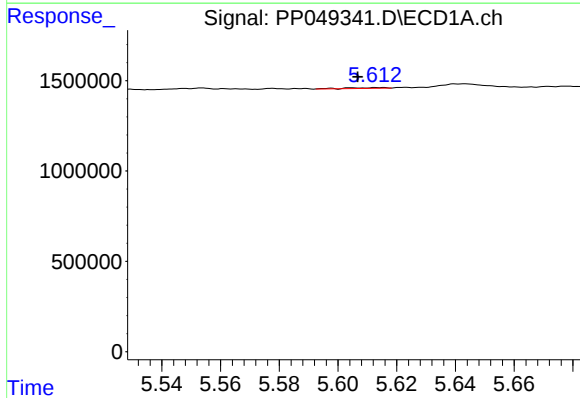
R.T.: 5.554 min
Delta R.T.: 0.009 min
Response: 181139
Conc: 3.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



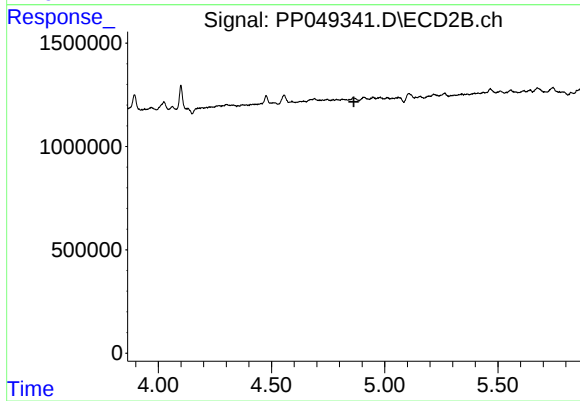
#17 AR-1242-2

R.T.: 4.691 min
Delta R.T.: 0.003 min
Response: 208066
Conc: 2.05 ng/ml



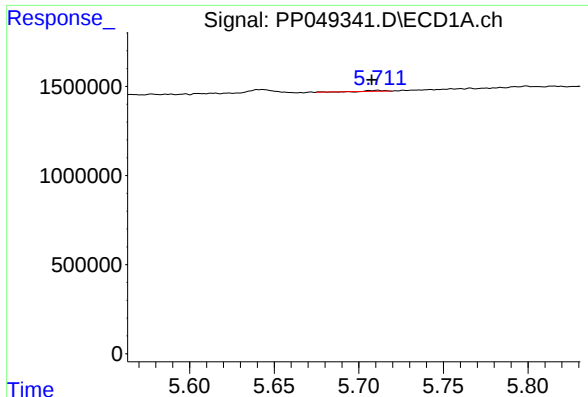
#18 AR-1242-3

R.T.: 5.614 min
Delta R.T.: 0.007 min
Response: 40832
Conc: 1.13 ng/ml



#18 AR-1242-3

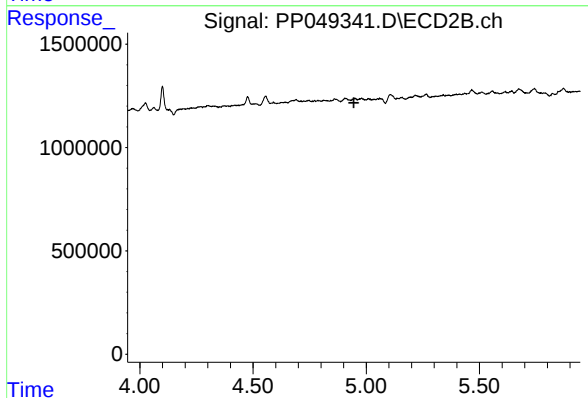
R.T.: 0.000 min
Exp R.T.: 4.863 min
Response: 0
Conc: N.D.



#19 AR-1242-4

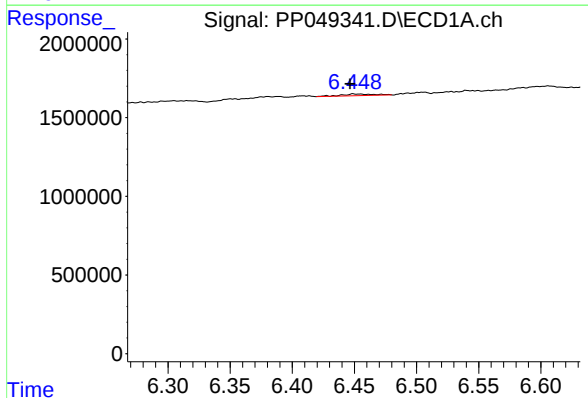
R.T.: 5.711 min
Delta R.T.: 0.003 min
Response: 27082
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



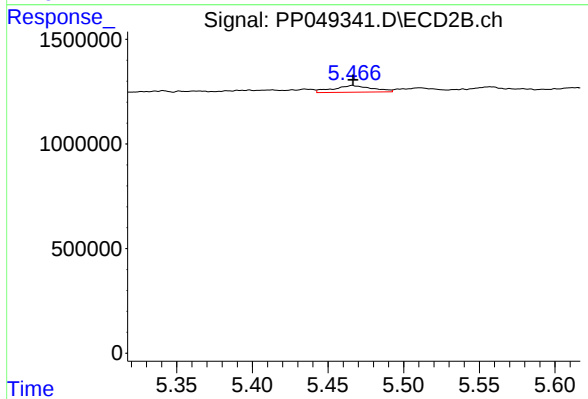
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



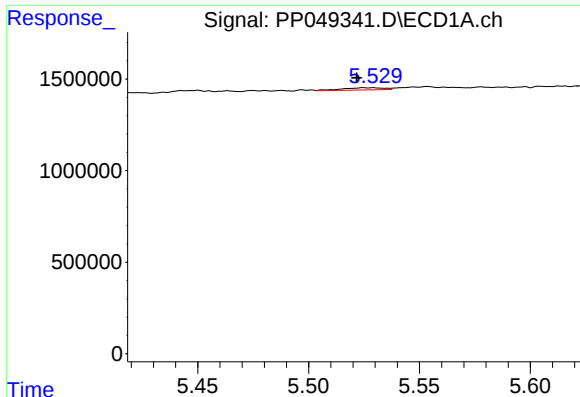
#20 AR-1242-5

R.T.: 6.449 min
Delta R.T.: 0.003 min
Response: 192800
Conc: 5.78 ng/ml



#20 AR-1242-5

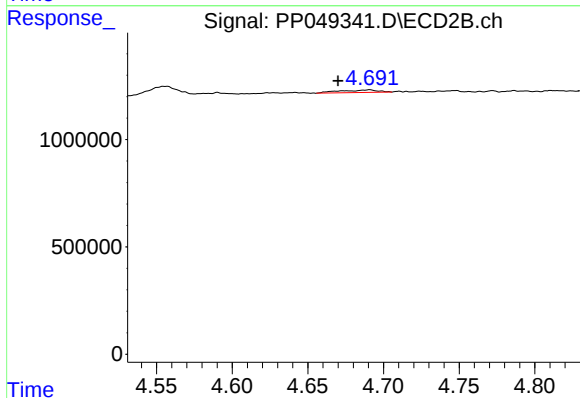
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 573430
Conc: 8.24 ng/ml



#21 AR-1248-1

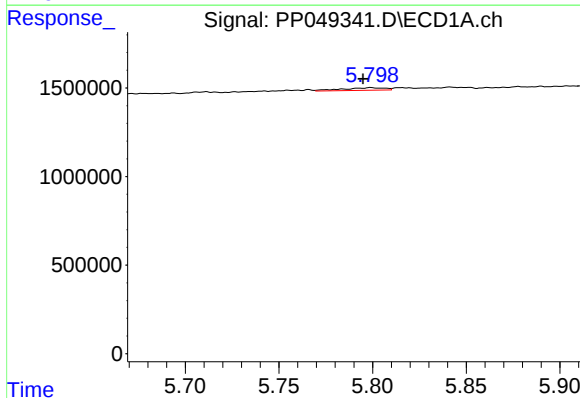
R.T.: 5.529 min
Delta R.T.: 0.007 min
Response: 160836
Conc: 5.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



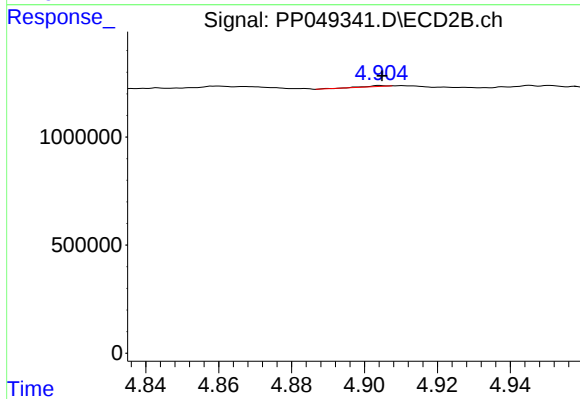
#21 AR-1248-1

R.T.: 4.691 min
Delta R.T.: 0.021 min
Response: 208066
Conc: 3.58 ng/ml



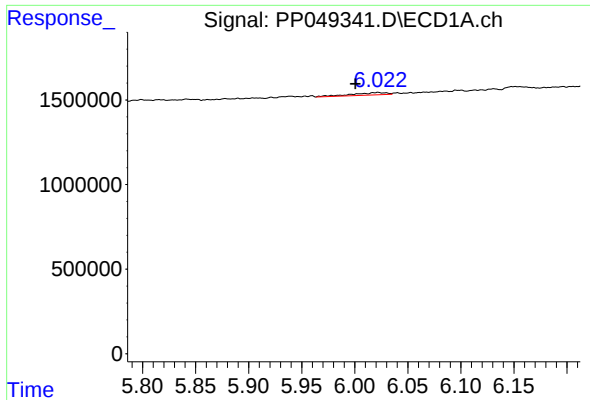
#22 AR-1248-2

R.T.: 5.799 min
Delta R.T.: 0.004 min
Response: 229879
Conc: 4.94 ng/ml



#22 AR-1248-2

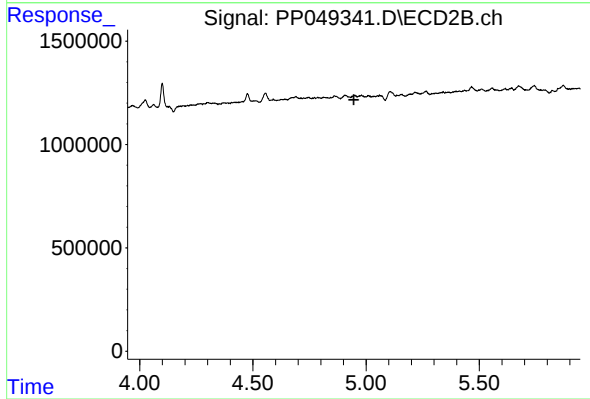
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 14776
Conc: 0.22 ng/ml



#23 AR-1248-3

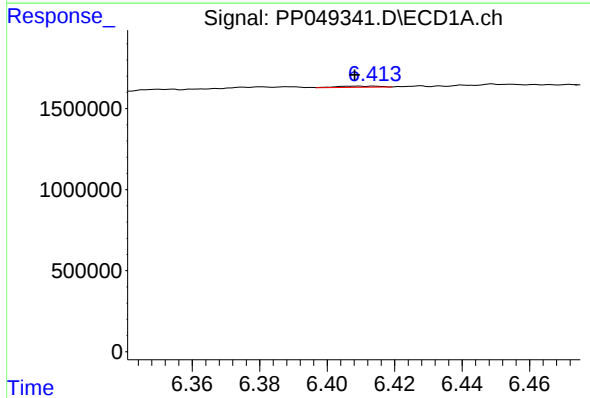
R.T.: 6.022 min
Delta R.T.: 0.021 min
Response: 327254
Conc: 6.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



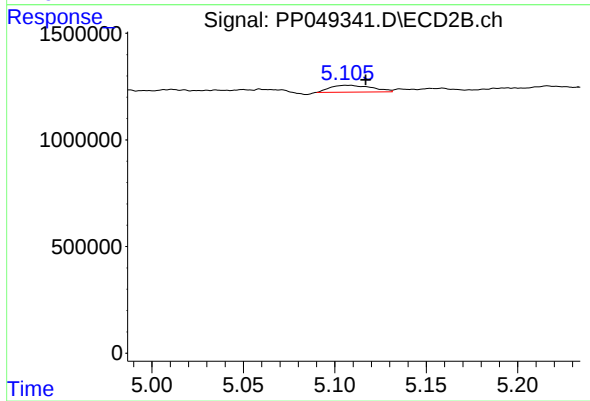
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



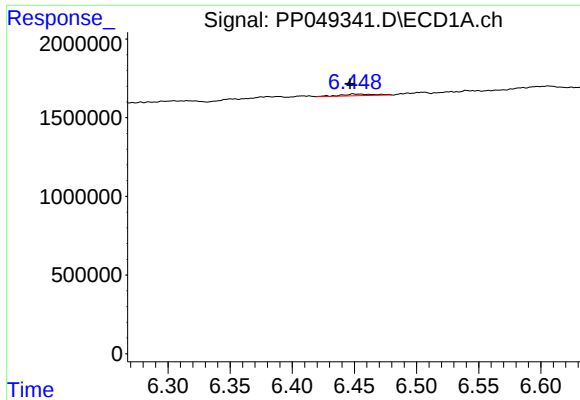
#24 AR-1248-4

R.T.: 6.414 min
Delta R.T.: 0.005 min
Response: 60732
Conc: 0.98 ng/ml



#24 AR-1248-4

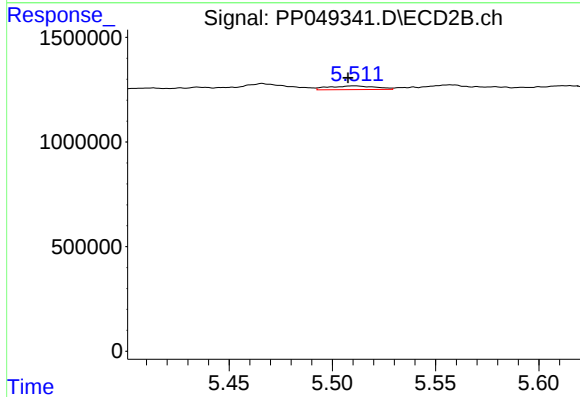
R.T.: 5.106 min
Delta R.T.: -0.011 min
Response: 517808
Conc: 5.25 ng/ml



#25 AR-1248-5

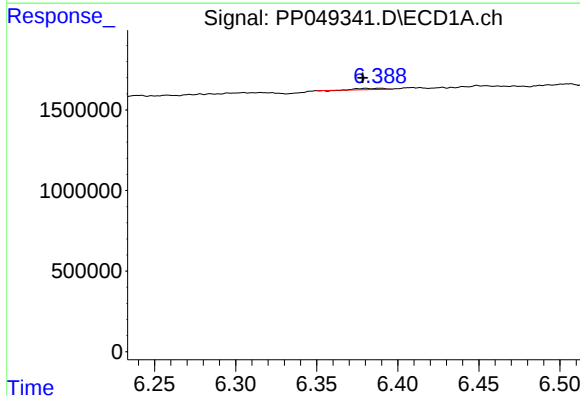
R.T.: 6.449 min
Delta R.T.: 0.003 min
Response: 192800
Conc: 3.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



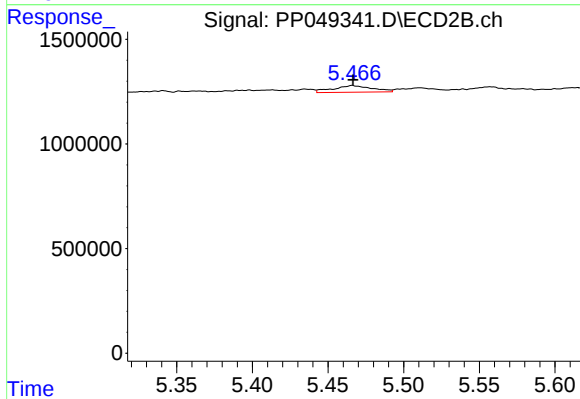
#25 AR-1248-5

R.T.: 5.511 min
Delta R.T.: 0.003 min
Response: 286026
Conc: 2.85 ng/ml



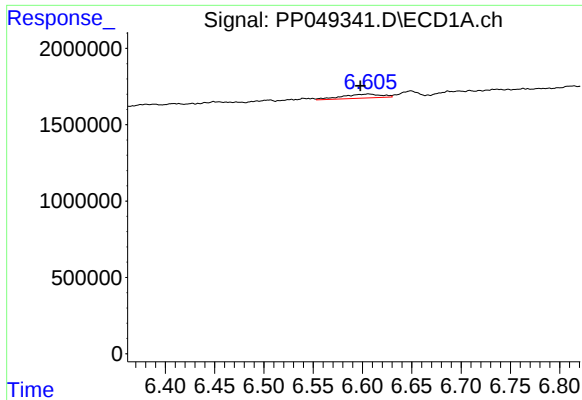
#26 AR-1254-1

R.T.: 6.389 min
Delta R.T.: 0.011 min
Response: 71114
Conc: 1.05 ng/ml



#26 AR-1254-1

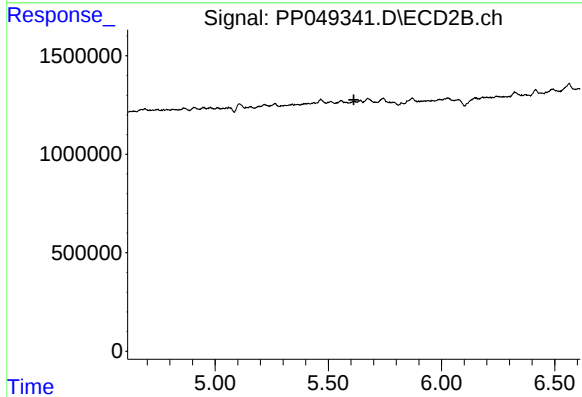
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 573430
Conc: 3.91 ng/ml



#27 AR-1254-2

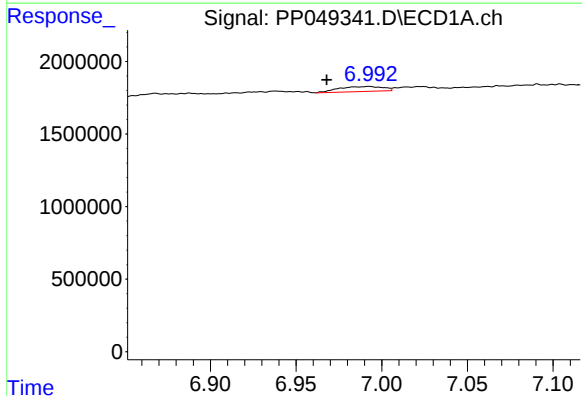
R.T.: 6.606 min
Delta R.T.: 0.009 min
Response: 714057
Conc: 7.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



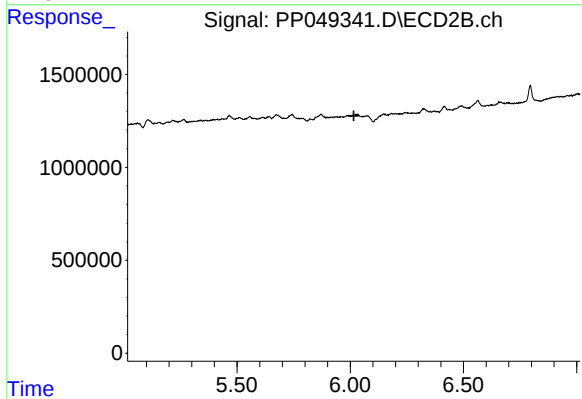
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.613 min
Response: 0
Conc: N.D.



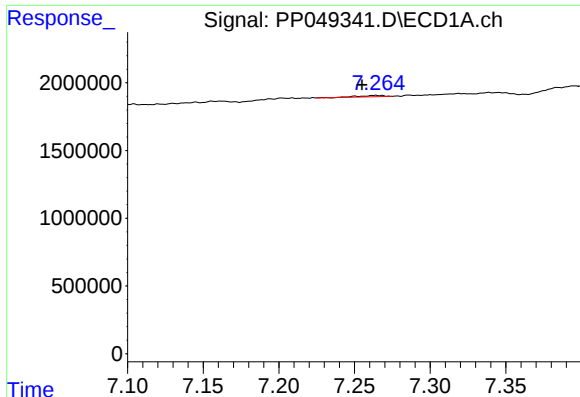
#28 AR-1254-3

R.T.: 6.993 min
Delta R.T.: 0.025 min
Response: 607881
Conc: 5.99 ng/ml



#28 AR-1254-3

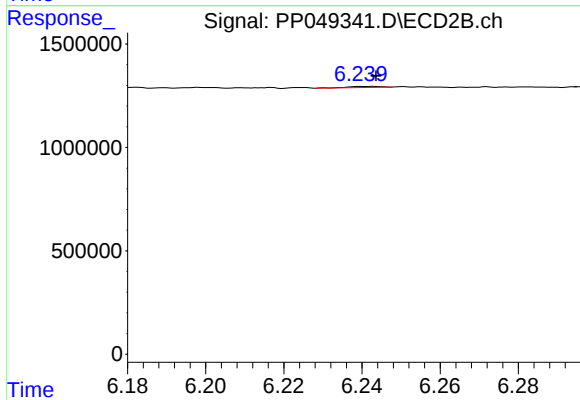
R.T.: 0.000 min
Exp R.T. : 6.016 min
Response: 0
Conc: N.D.



#29 AR-1254-4

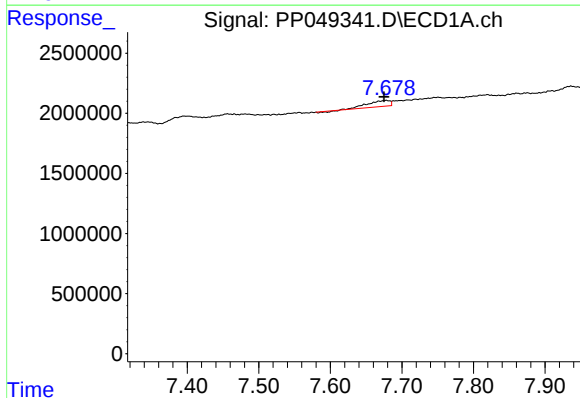
R.T.: 7.264 min
Delta R.T.: 0.009 min
Response: 108288
Conc: 1.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



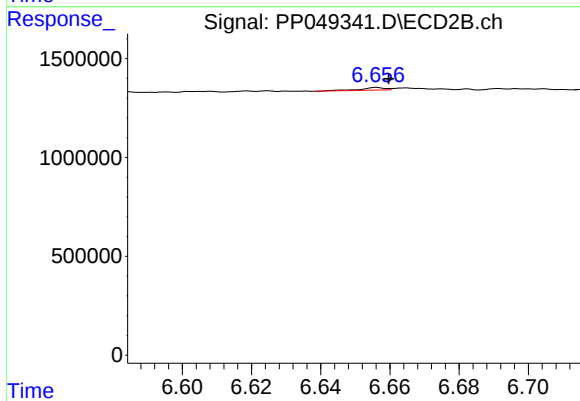
#29 AR-1254-4

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 30144
Conc: 0.28 ng/ml



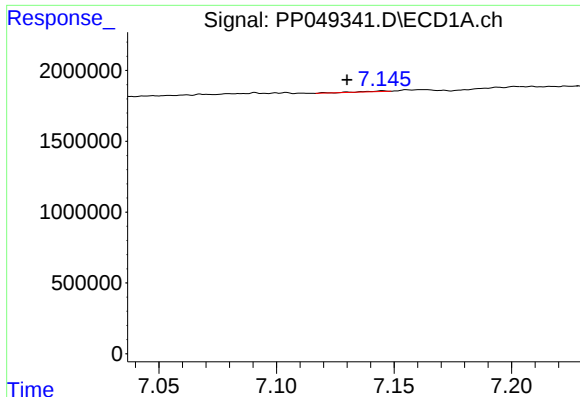
#30 AR-1254-5

R.T.: 7.678 min
Delta R.T.: 0.003 min
Response: 1013444
Conc: 12.01 ng/ml



#30 AR-1254-5

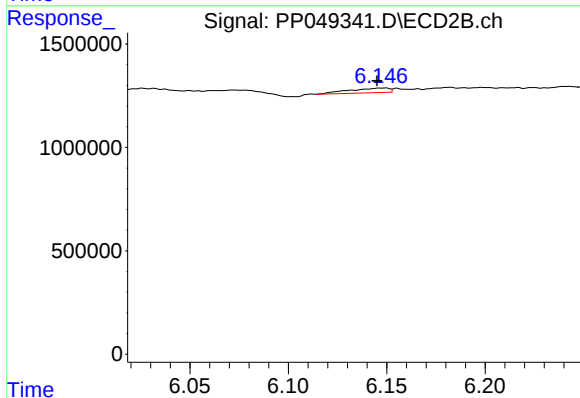
R.T.: 6.656 min
Delta R.T.: -0.003 min
Response: 68295
Conc: 0.47 ng/ml



#31 AR-1260-1

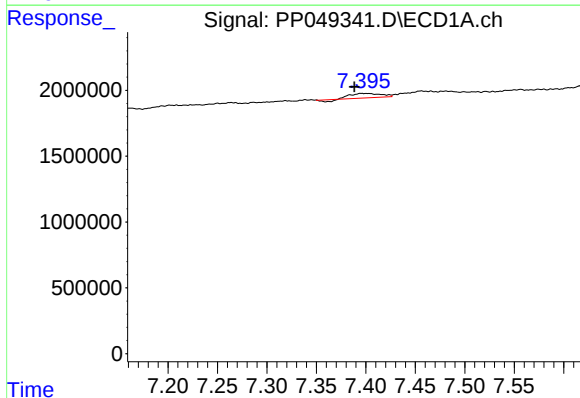
R.T.: 7.145 min
Delta R.T.: 0.015 min
Response: 41087
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



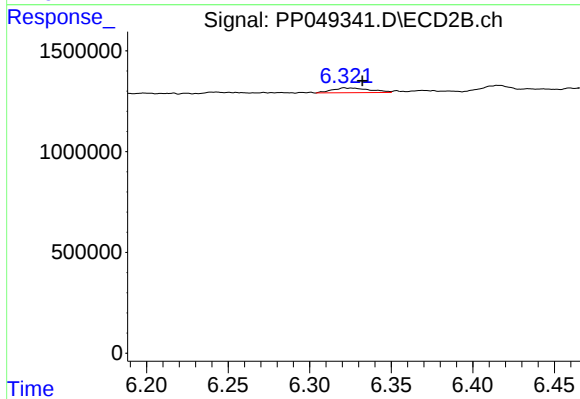
#31 AR-1260-1

R.T.: 6.150 min
Delta R.T.: 0.004 min
Response: 317836
Conc: 2.76 ng/ml



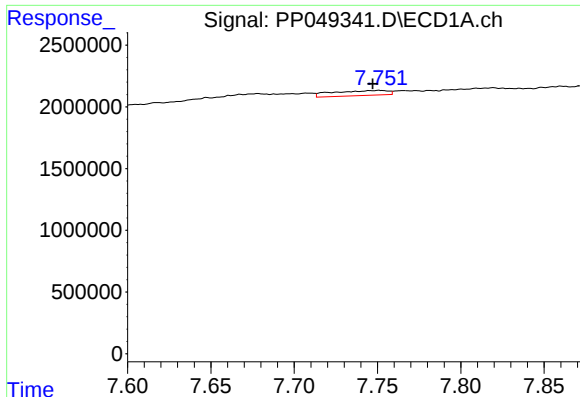
#32 AR-1260-2

R.T.: 7.396 min
Delta R.T.: 0.007 min
Response: 681532
Conc: 8.10 ng/ml



#32 AR-1260-2

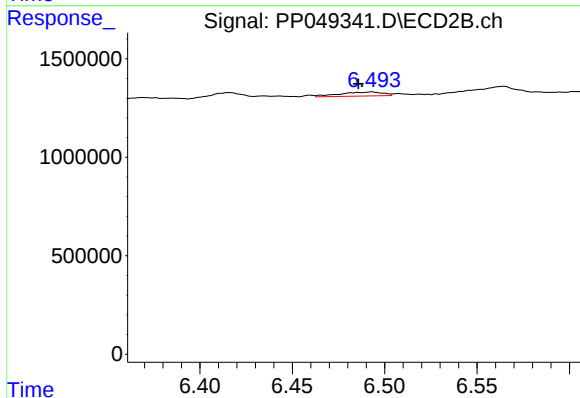
R.T.: 6.321 min
Delta R.T.: -0.011 min
Response: 377694
Conc: 2.82 ng/ml



#33 AR-1260-3

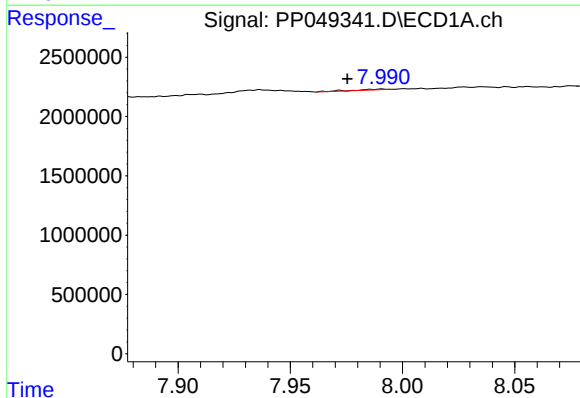
R.T.: 7.751 min
Delta R.T.: 0.004 min
Response: 927178
Conc: 16.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



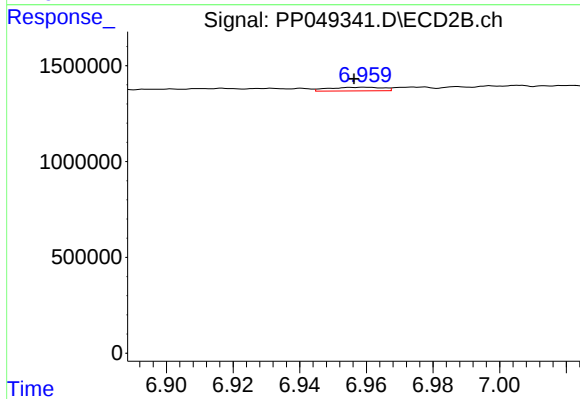
#33 AR-1260-3

R.T.: 6.493 min
Delta R.T.: 0.007 min
Response: 326676
Conc: 2.68 ng/ml



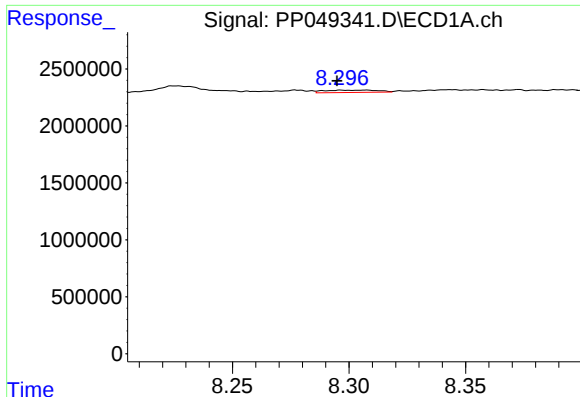
#34 AR-1260-4

R.T.: 7.991 min
Delta R.T.: 0.016 min
Response: 76677
Conc: 1.10 ng/ml



#34 AR-1260-4

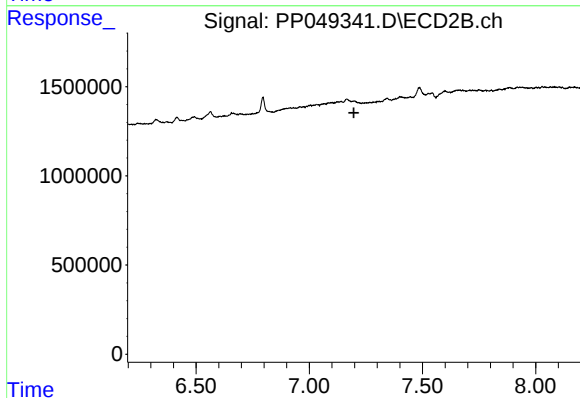
R.T.: 6.959 min
Delta R.T.: 0.003 min
Response: 213270
Conc: 2.53 ng/ml



#35 AR-1260-5

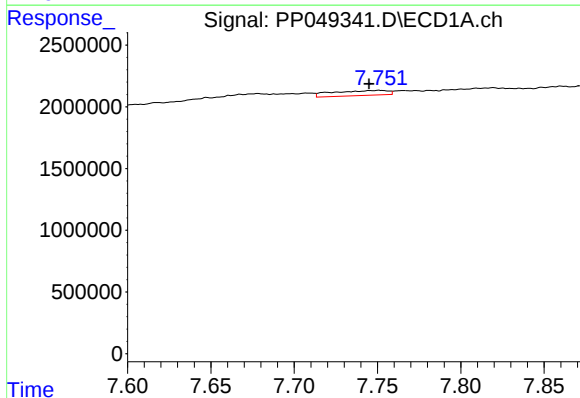
R.T.: 8.297 min
Delta R.T.: 0.002 min
Response: 331285
Conc: 2.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



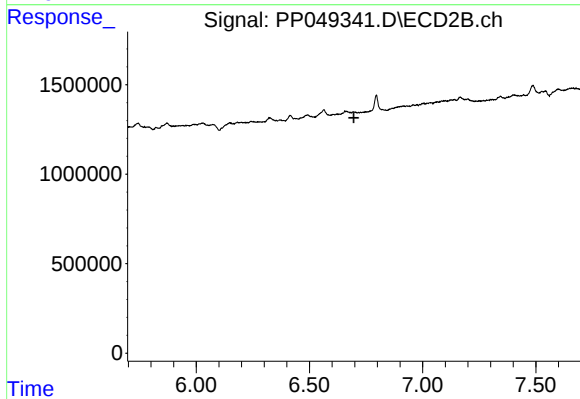
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.197 min
Response: 0
Conc: N.D.



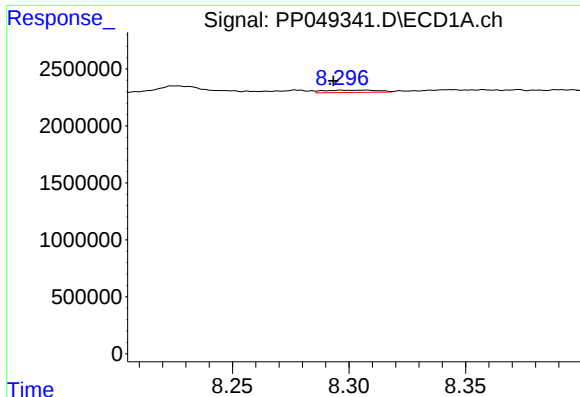
#36 AR-1262-1

R.T.: 7.751 min
Delta R.T.: 0.006 min
Response: 927178
Conc: 9.89 ng/ml



#36 AR-1262-1

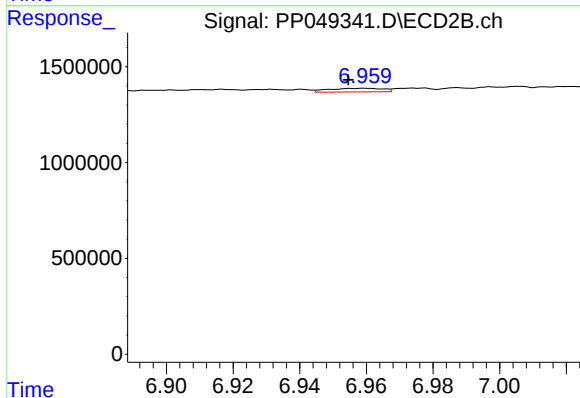
R.T.: 0.000 min
Exp R.T. : 6.696 min
Response: 0
Conc: N.D.



#37 AR-1262-2

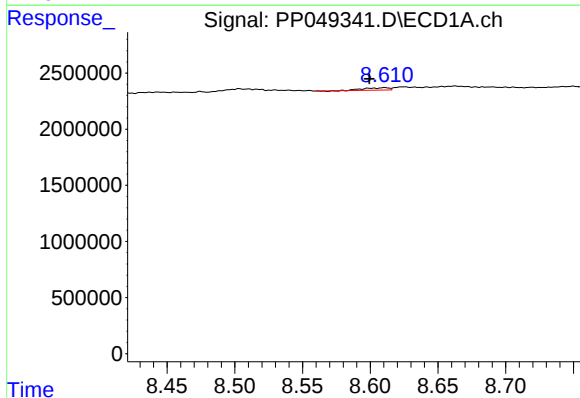
R.T.: 8.297 min
Delta R.T.: 0.004 min
Response: 331285
Conc: 1.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



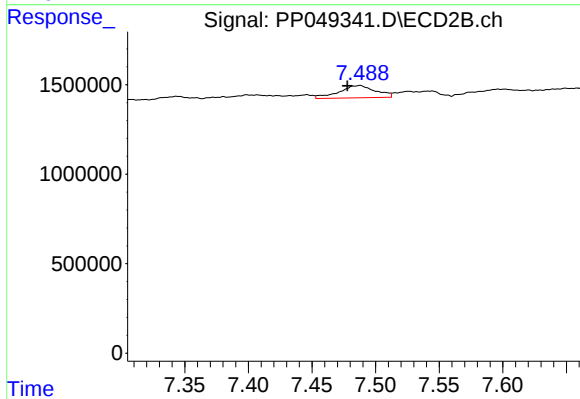
#37 AR-1262-2

R.T.: 6.959 min
Delta R.T.: 0.005 min
Response: 213270
Conc: 1.88 ng/ml



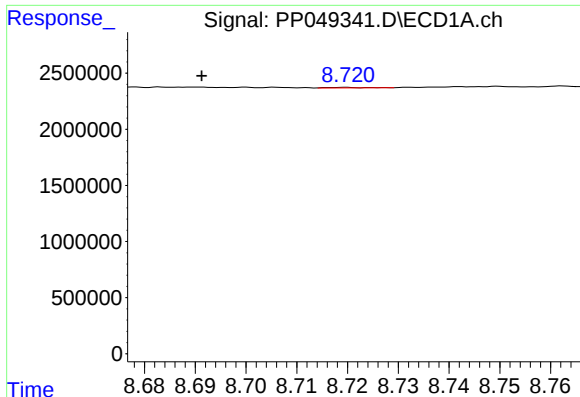
#38 AR-1262-3

R.T.: 8.611 min
Delta R.T.: 0.011 min
Response: 243867
Conc: 3.26 ng/ml



#38 AR-1262-3

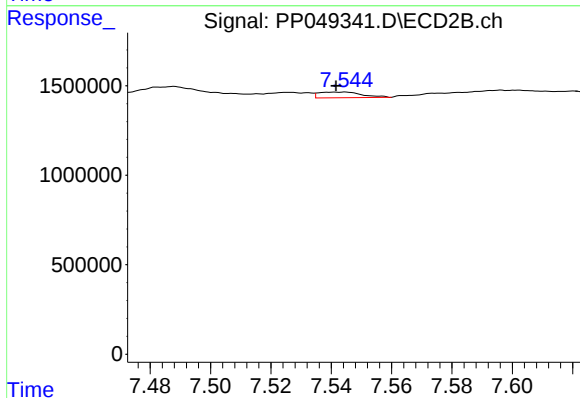
R.T.: 7.488 min
Delta R.T.: 0.010 min
Response: 1374429
Conc: 16.87 ng/ml



#39 AR-1262-4

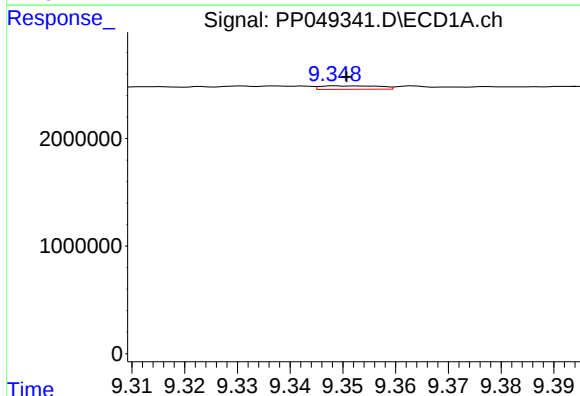
R.T.: 8.719 min
Delta R.T.: 0.028 min
Response: 21817
Conc: 0.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



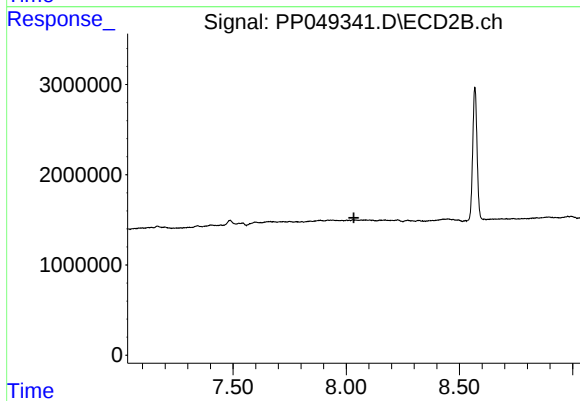
#39 AR-1262-4

R.T.: 7.545 min
Delta R.T.: 0.003 min
Response: 315305
Conc: 2.16 ng/ml



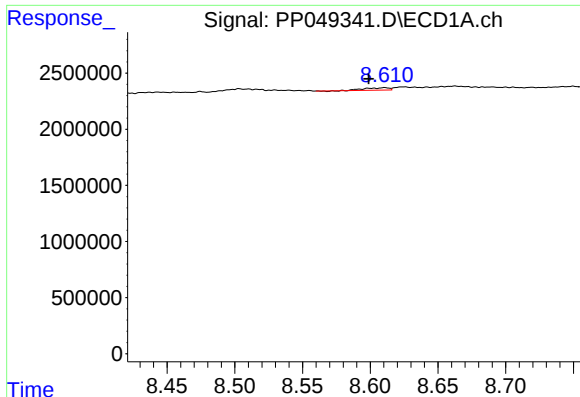
#40 AR-1262-5

R.T.: 9.349 min
Delta R.T.: -0.002 min
Response: 255169
Conc: 4.22 ng/ml



#40 AR-1262-5

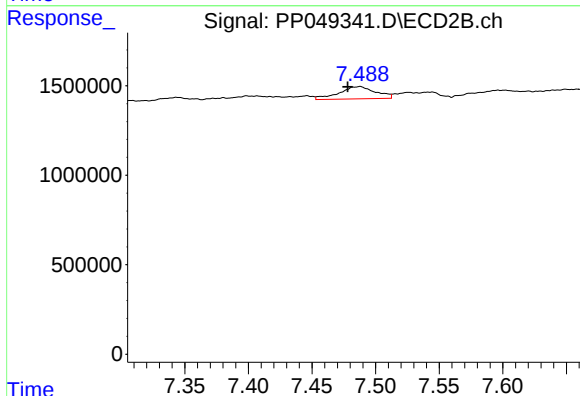
R.T.: 0.000 min
Exp R.T.: 8.034 min
Response: 0
Conc: N.D.



#41 AR-1268-1

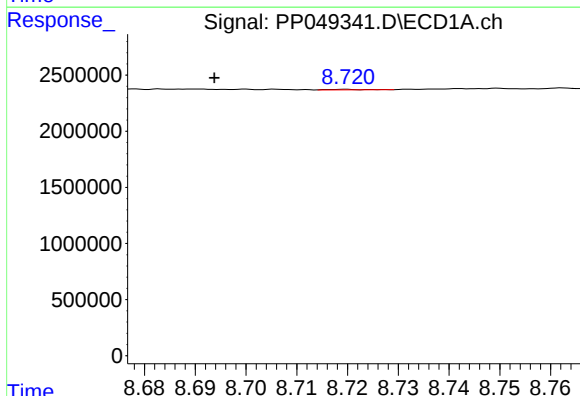
R.T.: 8.611 min
Delta R.T.: 0.012 min
Response: 243867
Conc: 1.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



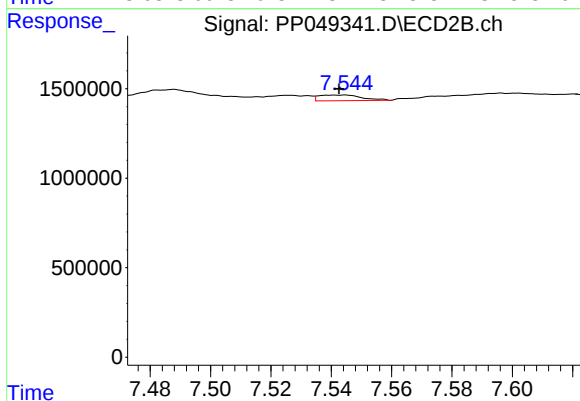
#41 AR-1268-1

R.T.: 7.488 min
Delta R.T.: 0.010 min
Response: 1374429
Conc: 6.39 ng/ml



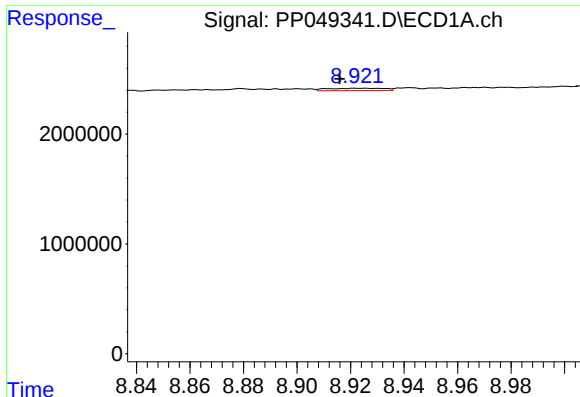
#42 AR-1268-2

R.T.: 8.719 min
Delta R.T.: 0.026 min
Response: 21817
Conc: 0.12 ng/ml



#42 AR-1268-2

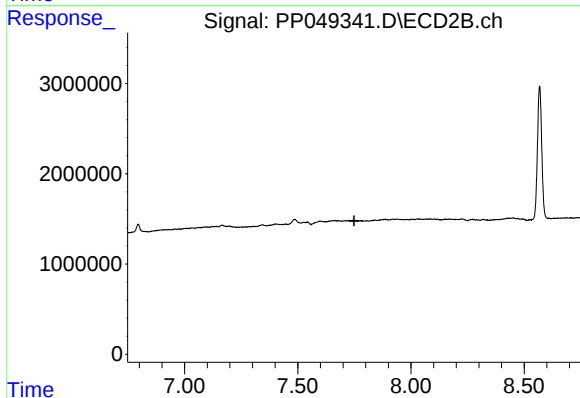
R.T.: 7.545 min
Delta R.T.: 0.002 min
Response: 315305
Conc: 1.65 ng/ml



#43 AR-1268-3

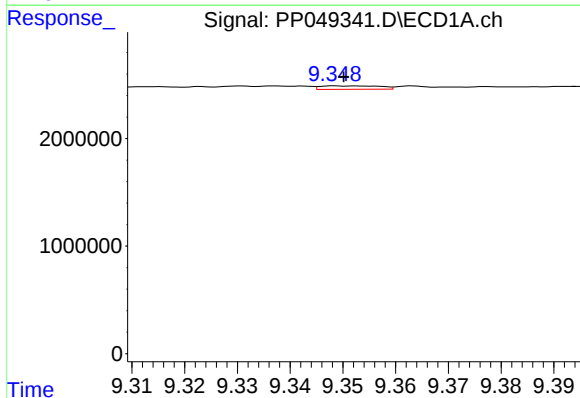
R.T.: 8.923 min
Delta R.T.: 0.007 min
Response: 327203
Conc: 2.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



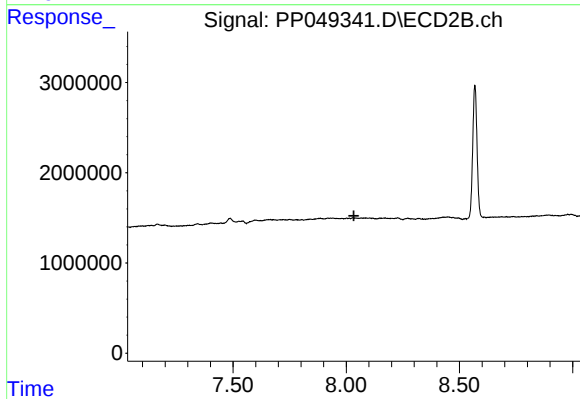
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.748 min
Response: 0
Conc: N.D.



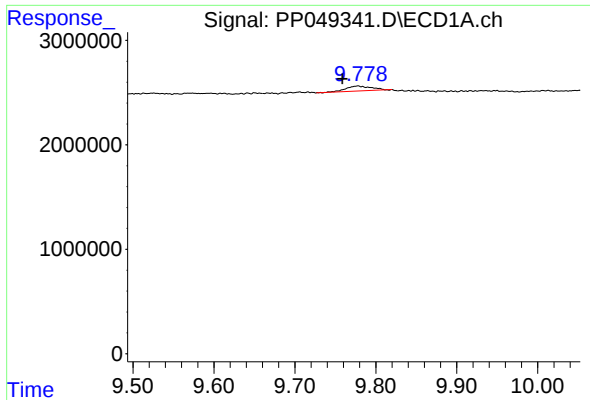
#44 AR-1268-4

R.T.: 9.349 min
Delta R.T.: 0.000 min
Response: 255169
Conc: 3.98 ng/ml



#44 AR-1268-4

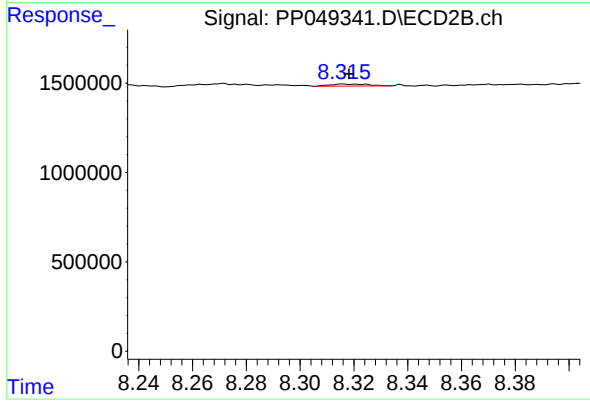
R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.778 min
Delta R.T.: 0.019 min
Response: 1000304
Conc: 2.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 109931
Conc: 0.28 ng/ml