

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091918\
 Data File : PR032142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2018 18:45
 Operator : SM\SJ
 Sample : J4982-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:11:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 03:49:43 2018
 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...	4.515	3.646	471.8E6	891.8E6	23.733	21.312
2)	SA Decachlor...	10.254	8.500	528.1E6	412.0E6	18.030	18.321
Target Compounds							
3)	L1 AR-1016-1	5.201	4.312	2147880	66547178	4.131	57.515 #
4)	L1 AR-1016-2	5.387	4.679	837573	18656270	1.588	10.849 #
5)	L1 AR-1016-3	5.700	4.741	48016	20101309	0.059	6.358 #
6)	L1 AR-1016-4	5.762	4.741	293164	20101309	0.409	11.230 #
7)	L1 AR-1016-5	6.169	5.142	2868202	5602247	4.698	3.323 #
8)	L2 AR-1221-1	4.711	3.870	1897157	26620611	7.075	50.101 #
9)	L2 AR-1221-2	4.819	3.939	8068077	17321348	39.455	43.145
10)	L2 AR-1221-3	4.873	4.015	1482181	-1313715	2.376	N.D. #
11)	L3 AR-1232-1	5.700	4.503	48016	40705978	0.099	70.900 #
12)	L3 AR-1232-2	5.842	4.613	2964681	19415529	11.947	100.858 #
13)	L3 AR-1232-3	6.022	4.958	2433403	6907732	21.547	12.535 #
14)	L3 AR-1232-4	6.363	5.259	1100160	10597411	14.584	15.064
15)	L3 AR-1232-5	7.223	5.828	981468	395815	15.056	4.782 #
16)	L4 AR-1242-1	5.246	4.312	1805706	66547178	8.074	123.616 #
17)	L4 AR-1242-2	5.982	4.899	1306449	3247249	3.124	2.894
18)	L4 AR-1242-3	6.169	5.004	2868202	8602841	13.075	21.654 #
19)	L4 AR-1242-4	6.240	5.363	2006650	1387629	11.877	3.727 #
20)	L4 AR-1242-5	6.283	5.731	326847	2056621	0.590	2.456 #
21)	L5 AR-1248-1	5.943	4.930	7052000	10011825	5.631	3.508 #
22)	L5 AR-1248-2	6.522	5.469	3433271	19942743	2.635	3.492 #
23)	L5 AR-1248-3	6.561	5.522	1666677	12100693	0.940	2.789 #
24)	L5 AR-1248-4	6.561	5.691	1666677	4598743	0.984	1.162
25)	L5 AR-1248-5	6.798	5.995	2748631	7097492	2.458	2.805
26)	L6 AR-1254-1	6.718	5.616	544841	8984355	0.361	2.872 #
27)	L6 AR-1254-2	7.009	5.904	2664586	5026631	2.708	3.237
28)	L6 AR-1254-3	7.112	6.235	4032261	3791020	2.263	1.177 #
29)	L6 AR-1254-4	7.380	6.564	677236	5053637	0.482	2.684 #
30)	L6 AR-1254-5	7.676	6.628	1458985	13816120	1.525	6.275 #
31)	L7 AR-1260-1	7.291	6.147	726584	5416260	0.556	1.635 #
32)	L7 AR-1260-2	7.549	6.332	700170	20132466	0.423	4.926 #
34)	L7 AR-1260-4	8.136	6.950	2449548	754924	1.775	0.376 #
35)	L7 AR-1260-5	8.433	7.176	2251185	-825206	0.736	N.D. #
36)	L8 AR-1262-1	7.155	6.033	2114676	5919096	2.783	3.422
37)	L8 AR-1262-2	7.951	6.703	3818108	21322540	5.397	14.997 #
38)	L8 AR-1262-3	8.190	7.049	54979	17070508	0.090	16.786 #
39)	L8 AR-1262-4	8.835	7.454	3510905	2630945	1.937	1.555
40)	L8 AR-1262-5	9.509	8.007	2612753	15222882	1.929	14.437 #
41)	L9 AR-1268-1	7.878	6.675	809671	11588746	1.143	8.273 #
42)	L9 AR-1268-2	8.136	7.500	2449548	4499389	2.649	0.751 #

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 Operator : SM\SJ
 Sample : J4982-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

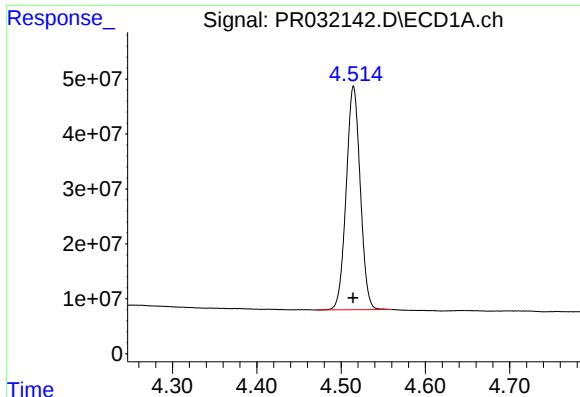
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:11:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.752	7.703	309434	21648517	0.073	7.696 #
44) L9	AR-1268-4	9.071	7.787	4269994	1737545	1.244	2.172 #
45) L9	AR-1268-5	9.916	8.268	4660561	14223970	0.458	1.969 #

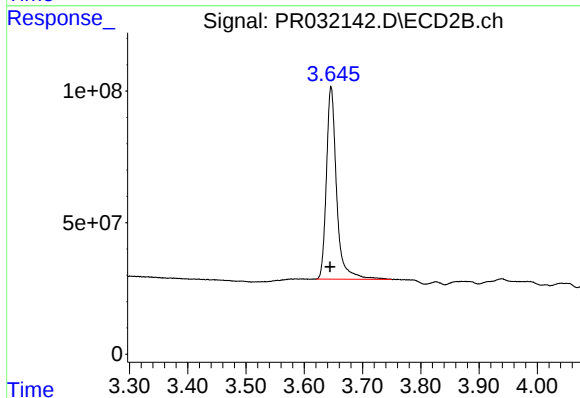
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

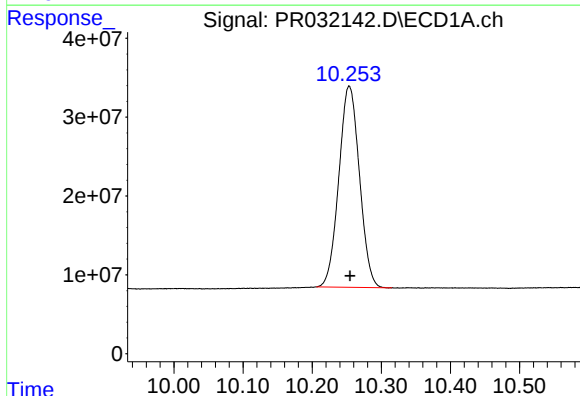
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 471825971
Conc: 23.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



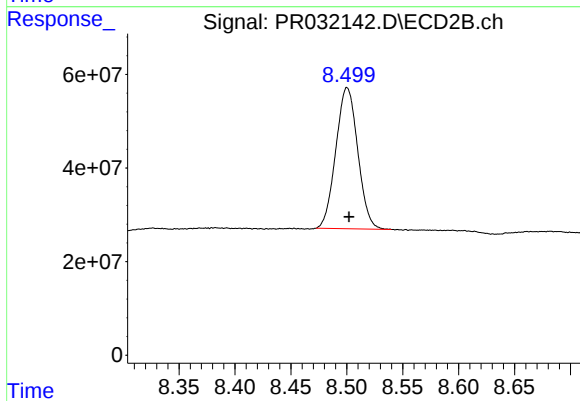
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: 0.002 min
Response: 891791587
Conc: 21.31 ng/ml



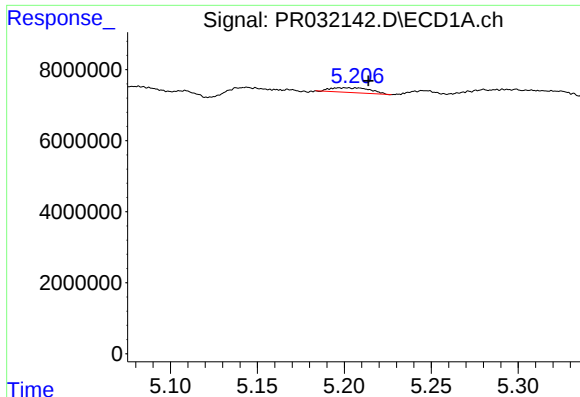
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.001 min
Response: 528137432
Conc: 18.03 ng/ml



#2 Decachlorobiphenyl

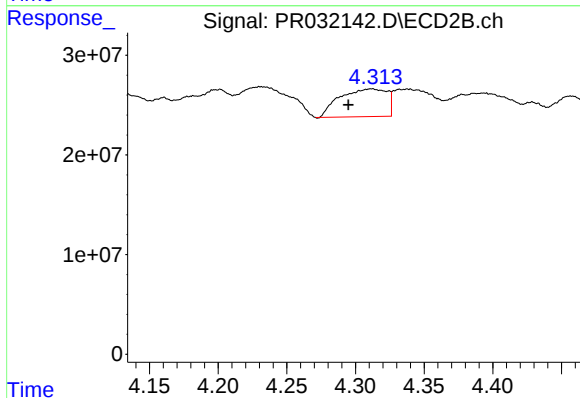
R.T.: 8.500 min
Delta R.T.: -0.002 min
Response: 411981971
Conc: 18.32 ng/ml



#3 AR-1016-1

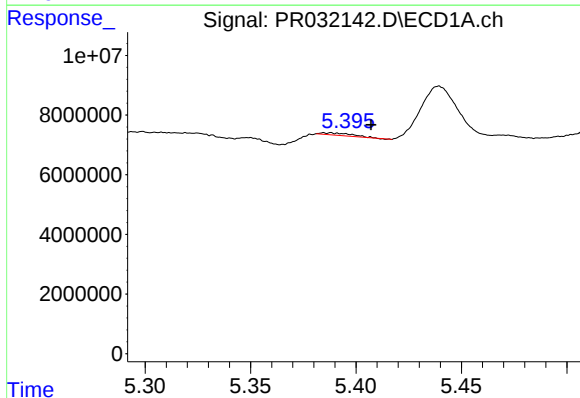
R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 2147880
Conc: 4.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



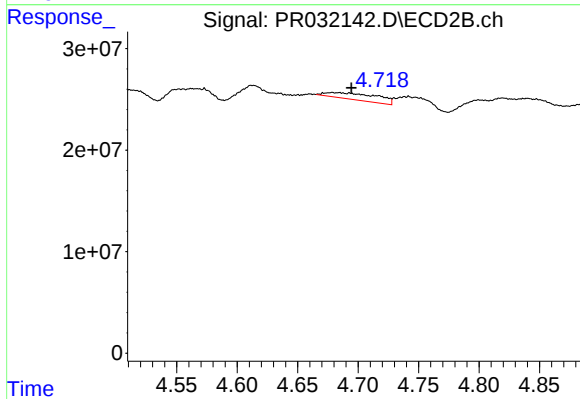
#3 AR-1016-1

R.T.: 4.312 min
Delta R.T.: 0.017 min
Response: 66547178
Conc: 57.52 ng/ml



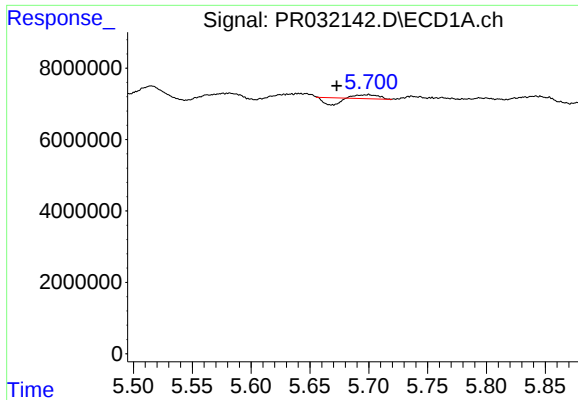
#4 AR-1016-2

R.T.: 5.387 min
Delta R.T.: -0.020 min
Response: 837573
Conc: 1.59 ng/ml



#4 AR-1016-2

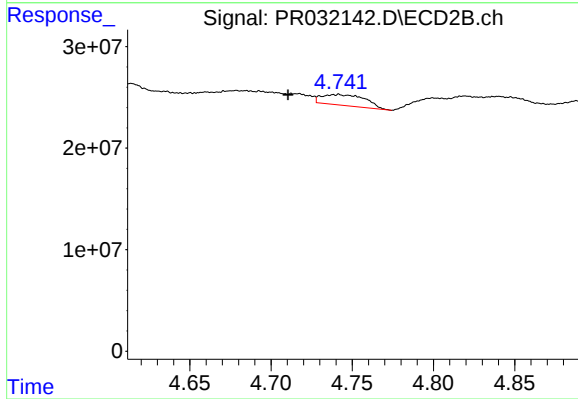
R.T.: 4.679 min
Delta R.T.: -0.016 min
Response: 18656270
Conc: 10.85 ng/ml



#5 AR-1016-3

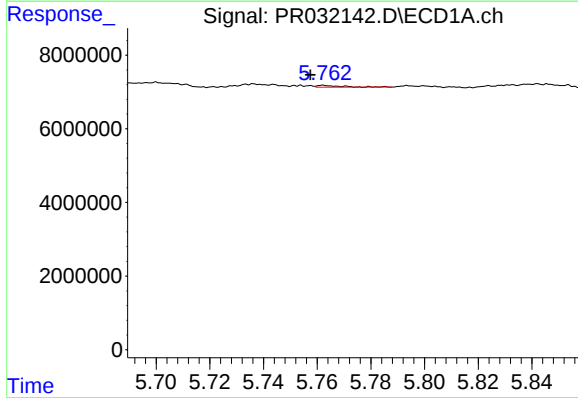
R.T.: 5.700 min
Delta R.T.: 0.027 min
Response: 48016
Conc: 0.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



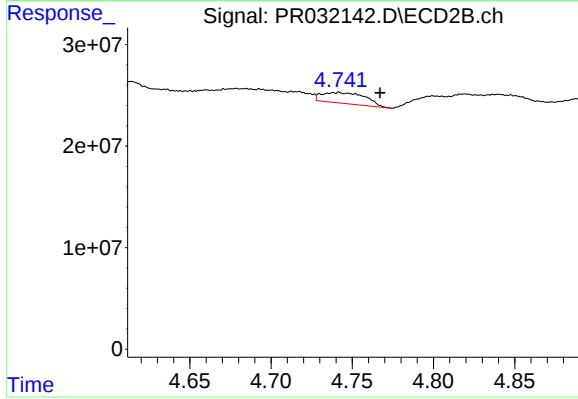
#5 AR-1016-3

R.T.: 4.741 min
Delta R.T.: 0.031 min
Response: 20101309
Conc: 6.36 ng/ml



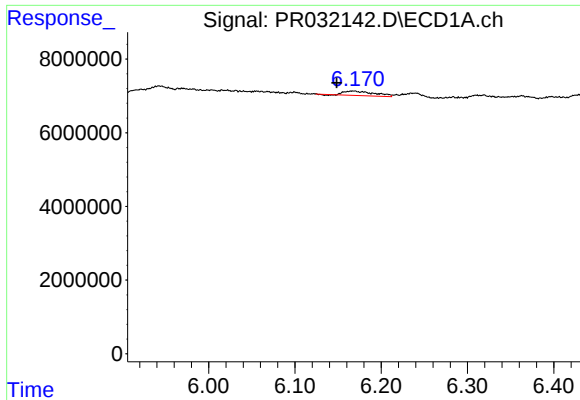
#6 AR-1016-4

R.T.: 5.762 min
Delta R.T.: 0.005 min
Response: 293164
Conc: 0.41 ng/ml



#6 AR-1016-4

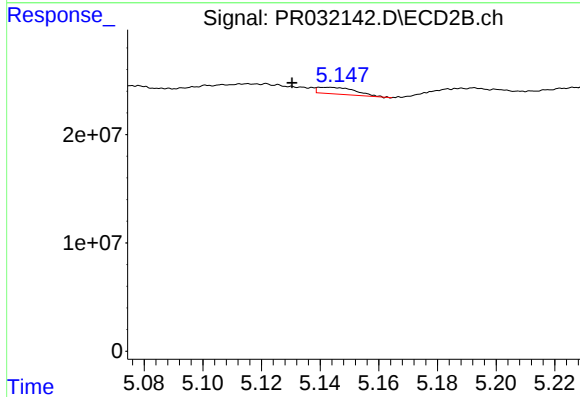
R.T.: 4.741 min
Delta R.T.: -0.026 min
Response: 20101309
Conc: 11.23 ng/ml



#7 AR-1016-5

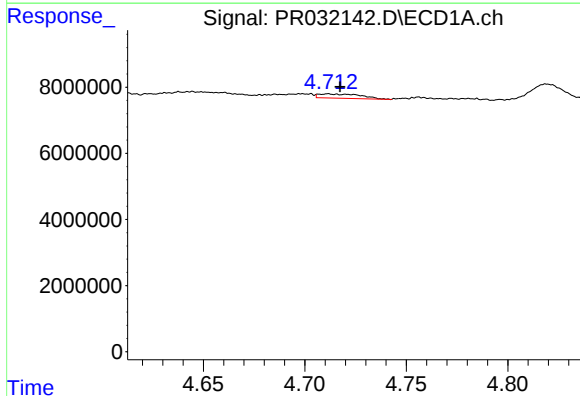
R.T.: 6.169 min
Delta R.T.: 0.020 min
Response: 2868202
Conc: 4.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



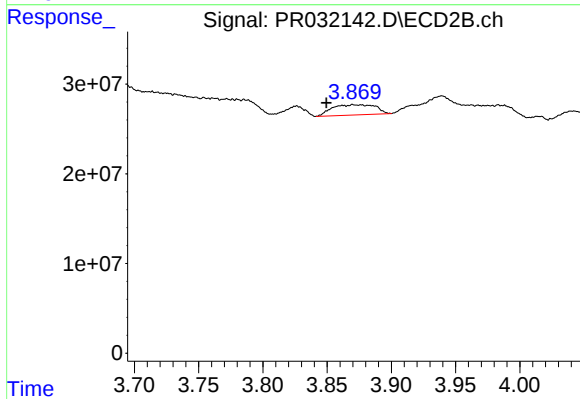
#7 AR-1016-5

R.T.: 5.142 min
Delta R.T.: 0.012 min
Response: 5602247
Conc: 3.32 ng/ml



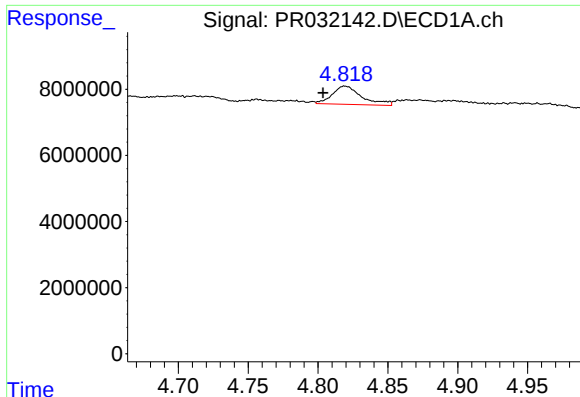
#8 AR-1221-1

R.T.: 4.711 min
Delta R.T.: -0.006 min
Response: 1897157
Conc: 7.08 ng/ml



#8 AR-1221-1

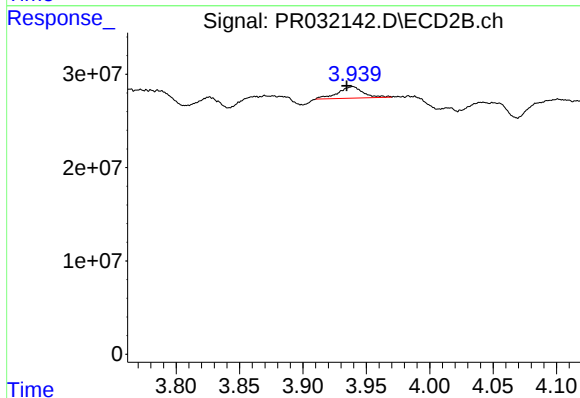
R.T.: 3.870 min
Delta R.T.: 0.021 min
Response: 26620611
Conc: 50.10 ng/ml



#9 AR-1221-2

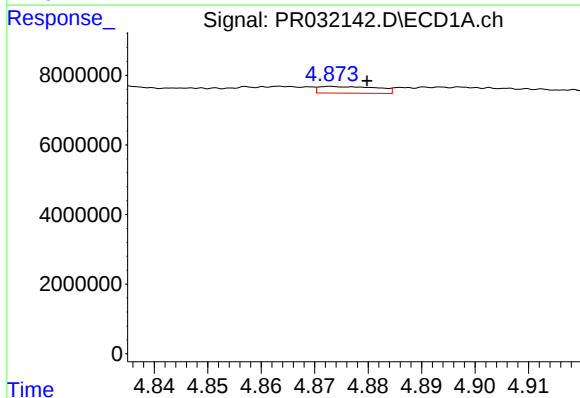
R.T.: 4.819 min
Delta R.T.: 0.016 min
Response: 8068077
Conc: 39.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



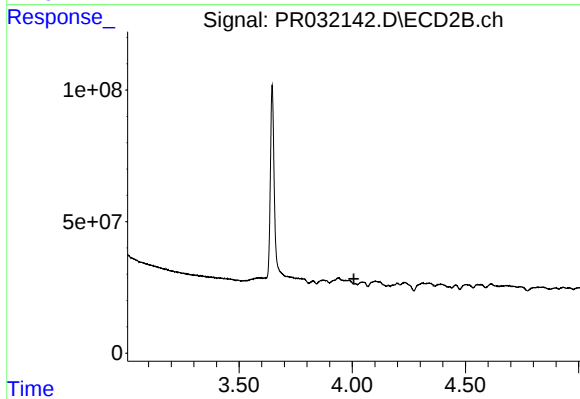
#9 AR-1221-2

R.T.: 3.939 min
Delta R.T.: 0.005 min
Response: 17321348
Conc: 43.14 ng/ml



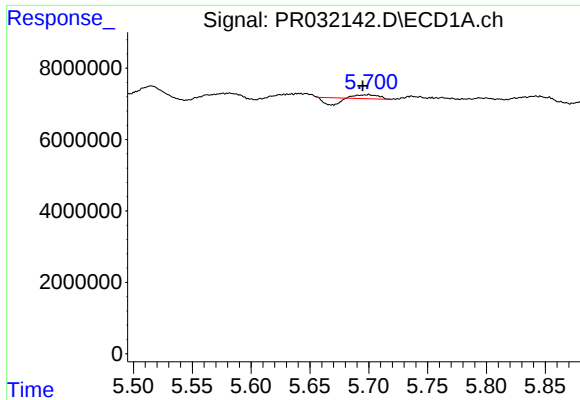
#10 AR-1221-3

R.T.: 4.873 min
Delta R.T.: -0.007 min
Response: 1482181
Conc: 2.38 ng/ml



#10 AR-1221-3

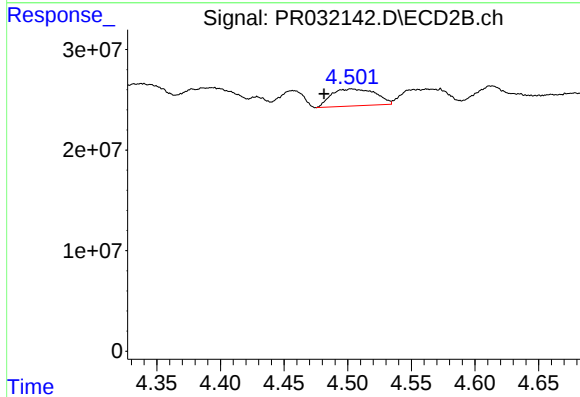
R.T.: 4.015 min
Delta R.T.: 0.008 min
Response: -1313715
Conc: N.D.



#11 AR-1232-1

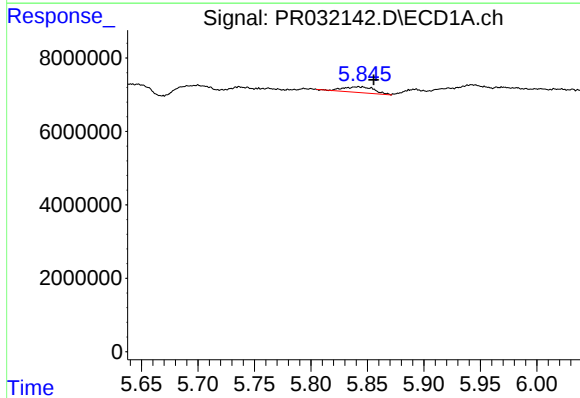
R.T.: 5.700 min
Delta R.T.: 0.005 min
Response: 48016
Conc: 0.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



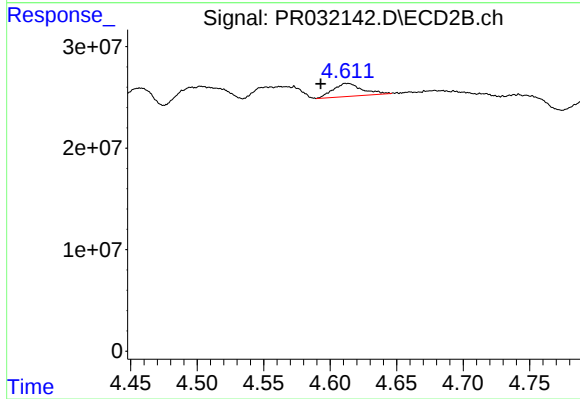
#11 AR-1232-1

R.T.: 4.503 min
Delta R.T.: 0.022 min
Response: 40705978
Conc: 70.90 ng/ml



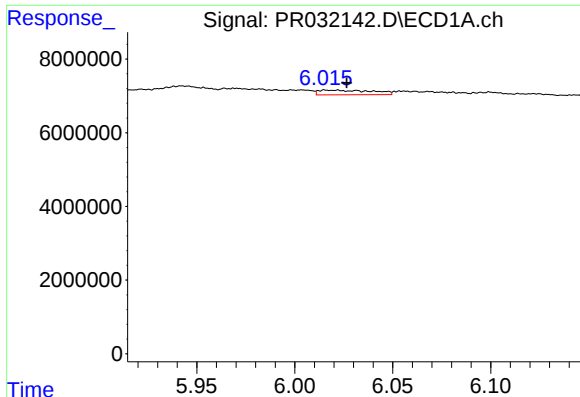
#12 AR-1232-2

R.T.: 5.842 min
Delta R.T.: -0.014 min
Response: 2964681
Conc: 11.95 ng/ml



#12 AR-1232-2

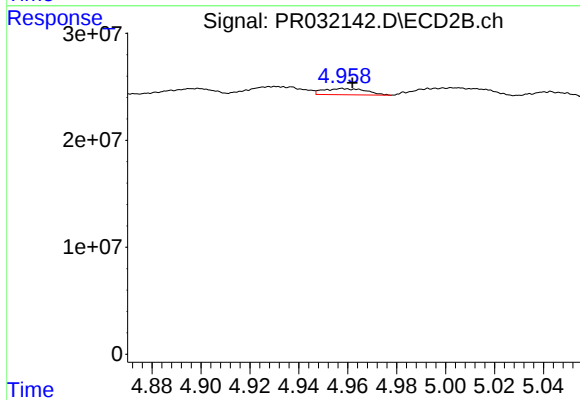
R.T.: 4.613 min
Delta R.T.: 0.020 min
Response: 19415529
Conc: 100.86 ng/ml



#13 AR-1232-3

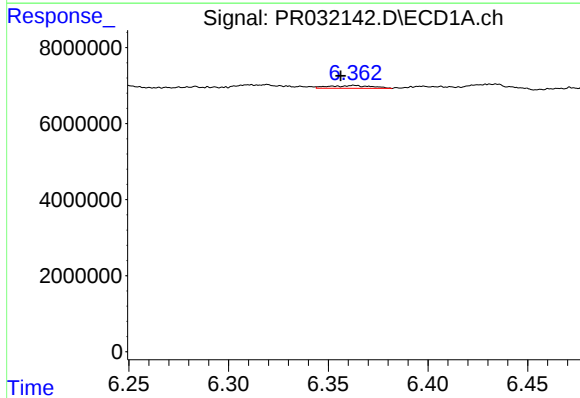
R.T.: 6.022 min
Delta R.T.: -0.005 min
Response: 2433403
Conc: 21.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



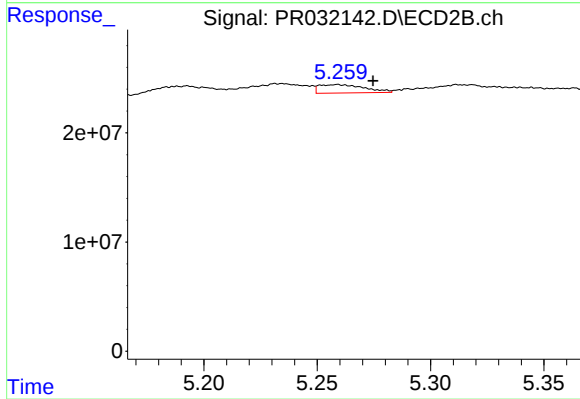
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: -0.004 min
Response: 6907732
Conc: 12.54 ng/ml



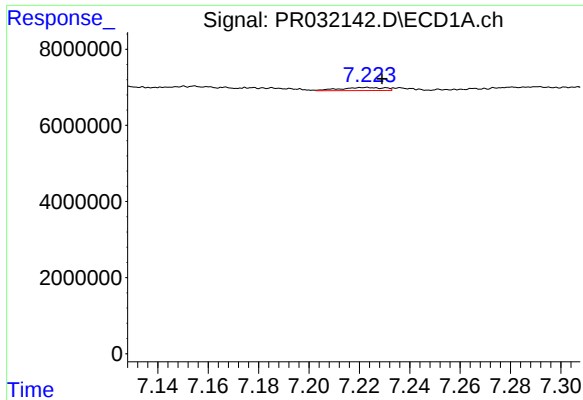
#14 AR-1232-4

R.T.: 6.363 min
Delta R.T.: 0.007 min
Response: 1100160
Conc: 14.58 ng/ml



#14 AR-1232-4

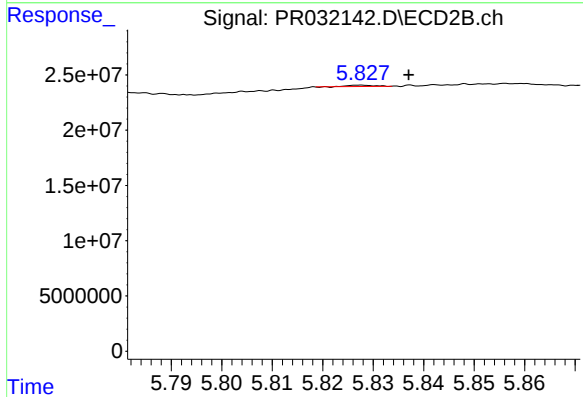
R.T.: 5.259 min
Delta R.T.: -0.016 min
Response: 10597411
Conc: 15.06 ng/ml



#15 AR-1232-5

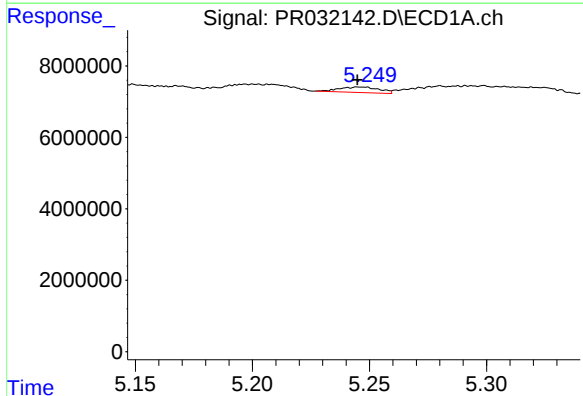
R.T.: 7.223 min
Delta R.T.: -0.006 min
Response: 981468
Conc: 15.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



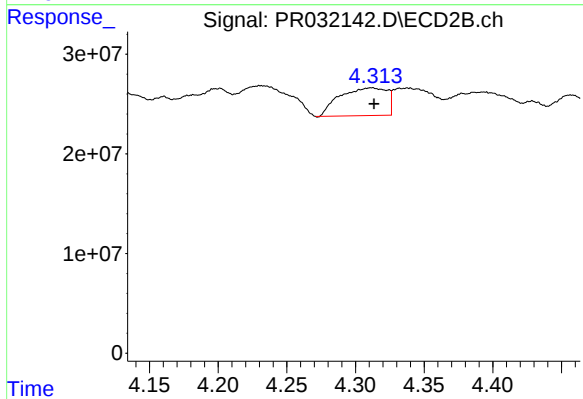
#15 AR-1232-5

R.T.: 5.828 min
Delta R.T.: -0.009 min
Response: 395815
Conc: 4.78 ng/ml



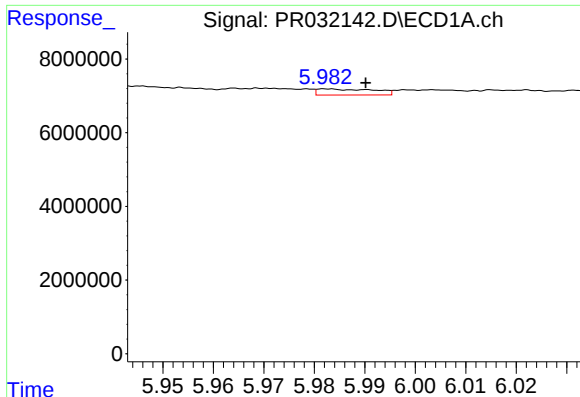
#16 AR-1242-1

R.T.: 5.246 min
Delta R.T.: 0.001 min
Response: 1805706
Conc: 8.07 ng/ml



#16 AR-1242-1

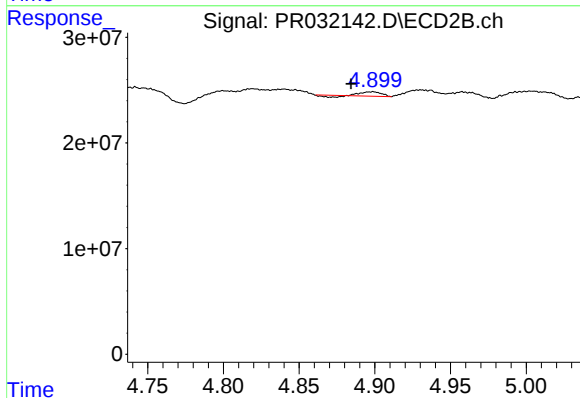
R.T.: 4.312 min
Delta R.T.: -0.002 min
Response: 66547178
Conc: 123.62 ng/ml



#17 AR-1242-2

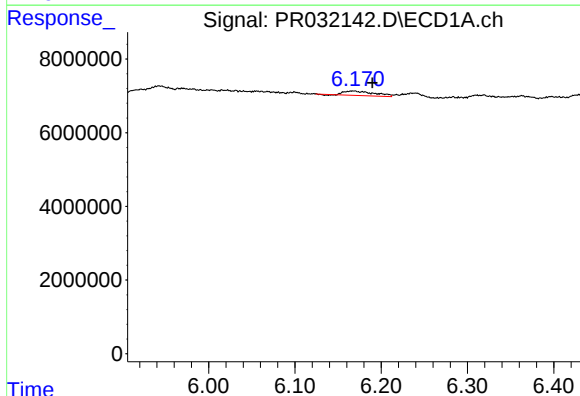
R.T.: 5.982 min
Delta R.T.: -0.008 min
Response: 1306449
Conc: 3.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



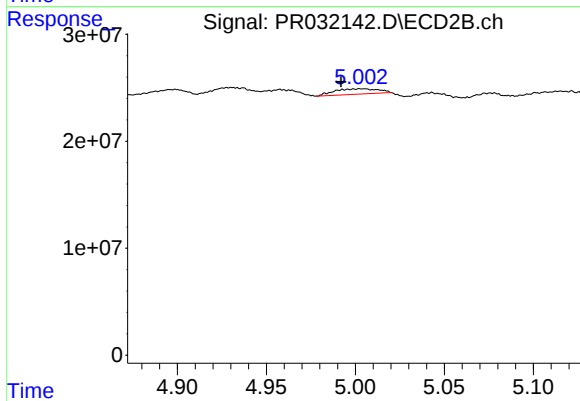
#17 AR-1242-2

R.T.: 4.899 min
Delta R.T.: 0.014 min
Response: 3247249
Conc: 2.89 ng/ml



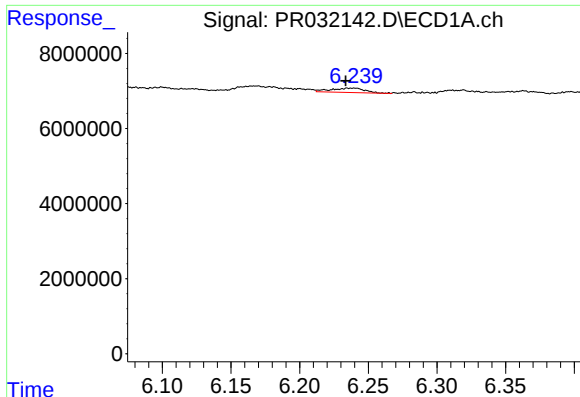
#18 AR-1242-3

R.T.: 6.169 min
Delta R.T.: -0.021 min
Response: 2868202
Conc: 13.08 ng/ml



#18 AR-1242-3

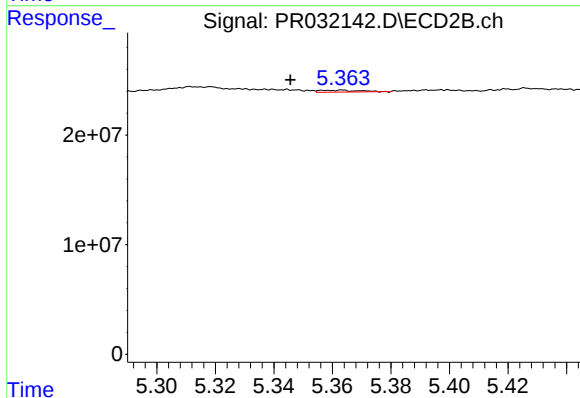
R.T.: 5.004 min
Delta R.T.: 0.012 min
Response: 8602841
Conc: 21.65 ng/ml



#19 AR-1242-4

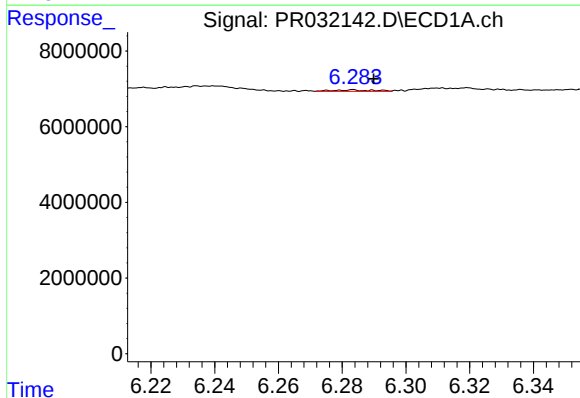
R.T.: 6.240 min
Delta R.T.: 0.006 min
Response: 2006650
Conc: 11.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



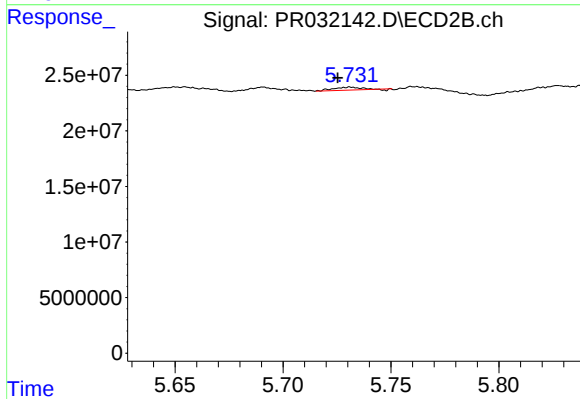
#19 AR-1242-4

R.T.: 5.363 min
Delta R.T.: 0.018 min
Response: 1387629
Conc: 3.73 ng/ml



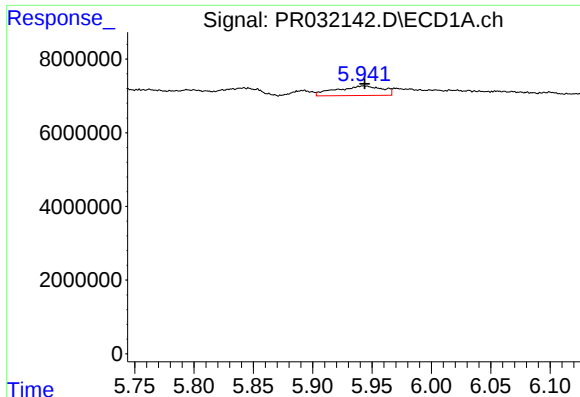
#20 AR-1242-5

R.T.: 6.283 min
Delta R.T.: -0.006 min
Response: 326847
Conc: 0.59 ng/ml



#20 AR-1242-5

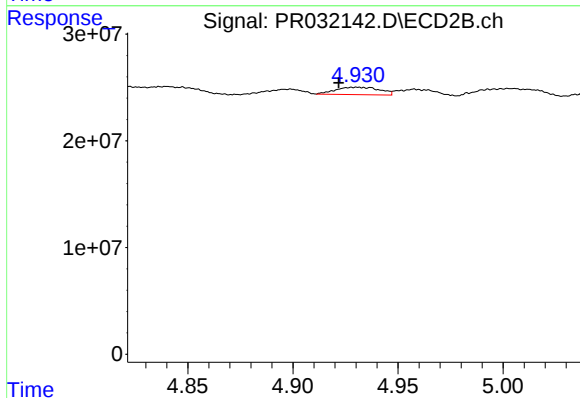
R.T.: 5.731 min
Delta R.T.: 0.006 min
Response: 2056621
Conc: 2.46 ng/ml



#21 AR-1248-1

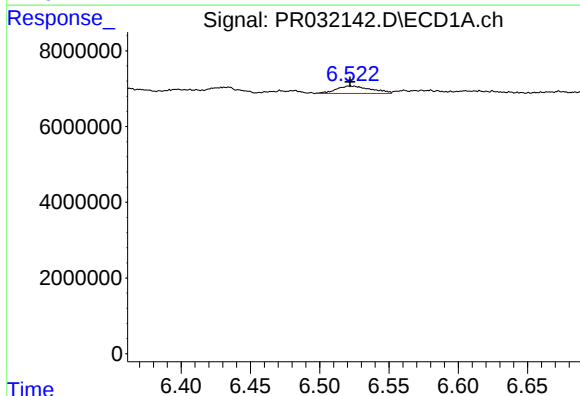
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 7052000
Conc: 5.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



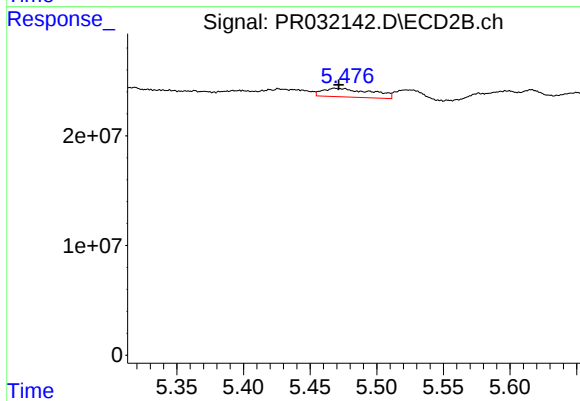
#21 AR-1248-1

R.T.: 4.930 min
Delta R.T.: 0.009 min
Response: 10011825
Conc: 3.51 ng/ml



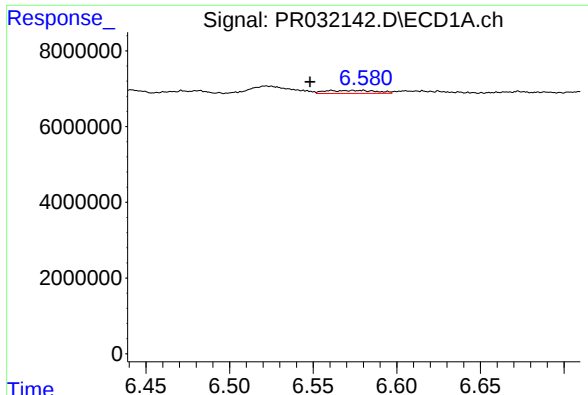
#22 AR-1248-2

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 3433271
Conc: 2.64 ng/ml



#22 AR-1248-2

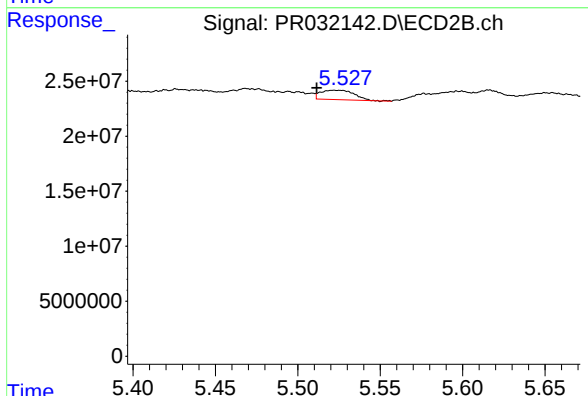
R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 19942743
Conc: 3.49 ng/ml



#23 AR-1248-3

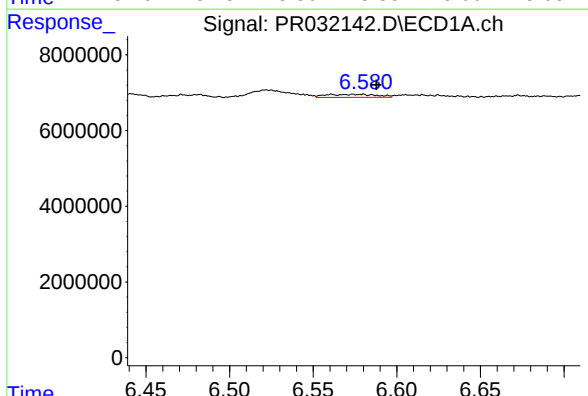
R.T.: 6.561 min
Delta R.T.: 0.013 min
Response: 1666677
Conc: 0.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



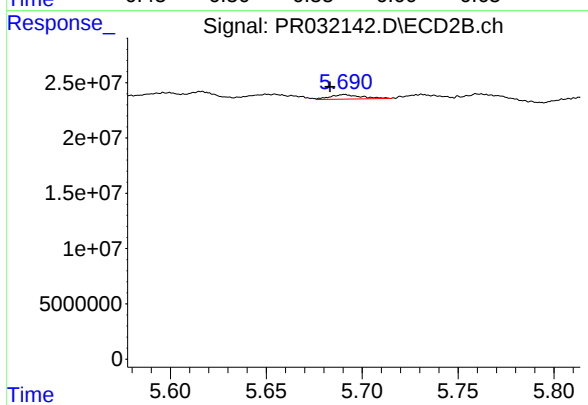
#23 AR-1248-3

R.T.: 5.522 min
Delta R.T.: 0.011 min
Response: 12100693
Conc: 2.79 ng/ml



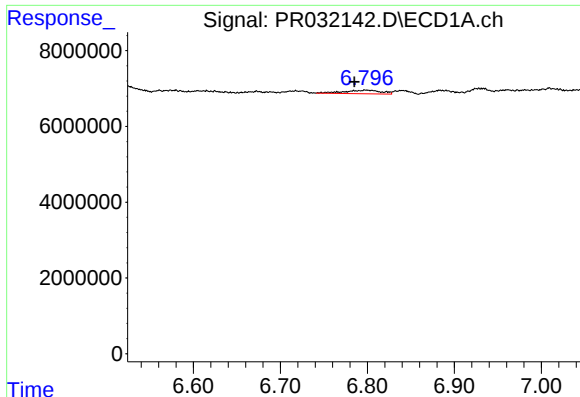
#24 AR-1248-4

R.T.: 6.561 min
Delta R.T.: -0.027 min
Response: 1666677
Conc: 0.98 ng/ml



#24 AR-1248-4

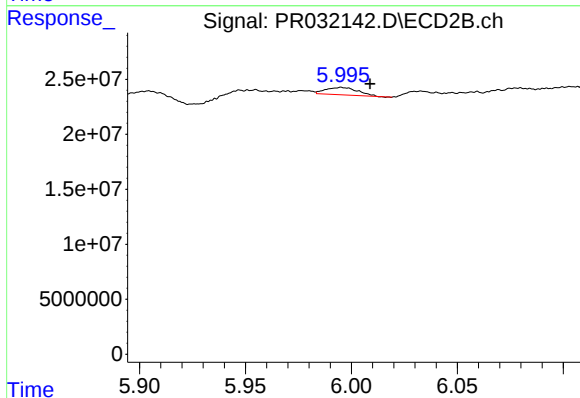
R.T.: 5.691 min
Delta R.T.: 0.008 min
Response: 4598743
Conc: 1.16 ng/ml



#25 AR-1248-5

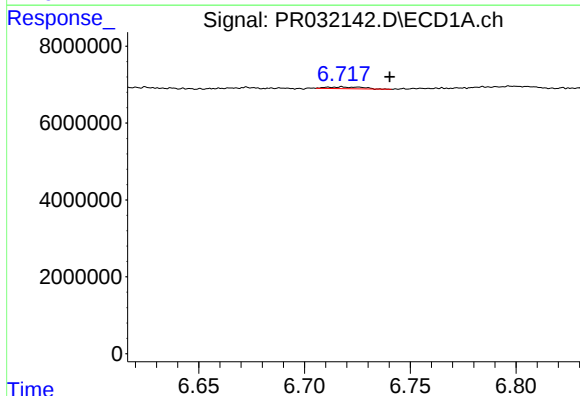
R.T.: 6.798 min
Delta R.T.: 0.013 min
Response: 2748631
Conc: 2.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



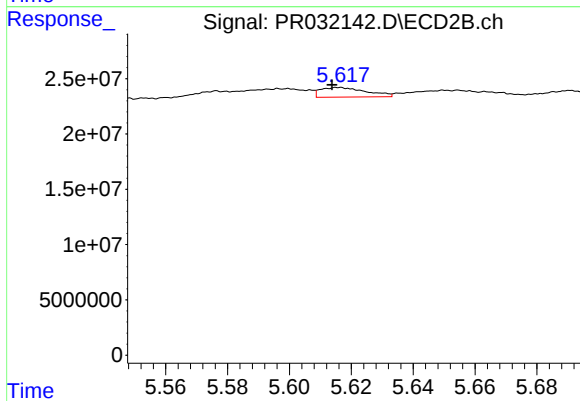
#25 AR-1248-5

R.T.: 5.995 min
Delta R.T.: -0.013 min
Response: 7097492
Conc: 2.80 ng/ml



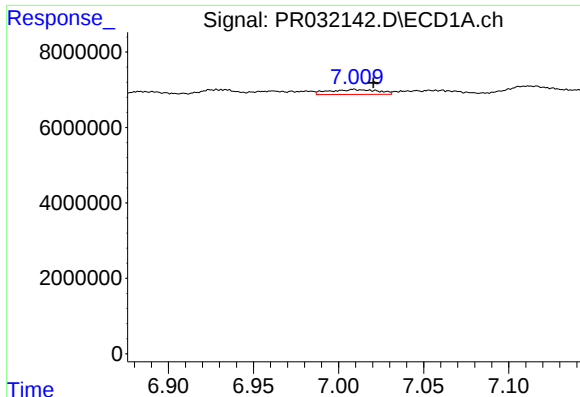
#26 AR-1254-1

R.T.: 6.718 min
Delta R.T.: -0.023 min
Response: 544841
Conc: 0.36 ng/ml



#26 AR-1254-1

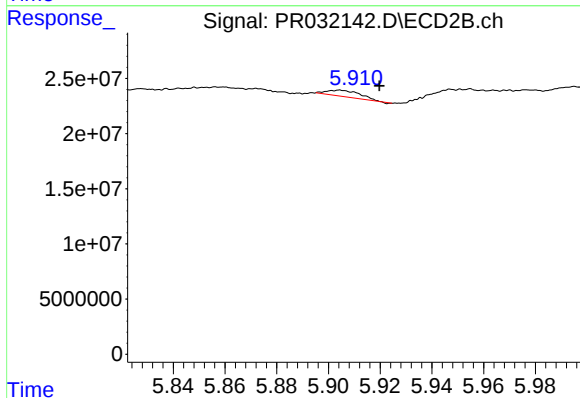
R.T.: 5.616 min
Delta R.T.: 0.002 min
Response: 8984355
Conc: 2.87 ng/ml



#27 AR-1254-2

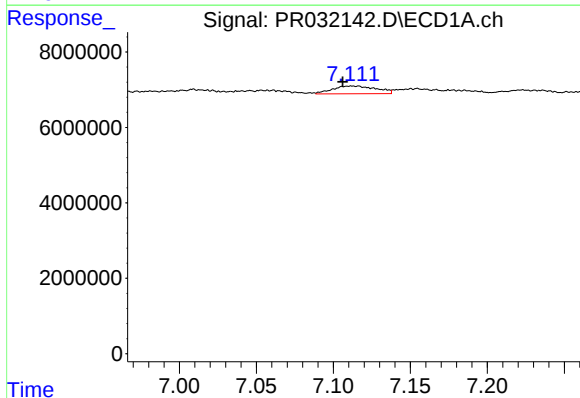
R.T.: 7.009 min
Delta R.T.: -0.012 min
Response: 2664586
Conc: 2.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



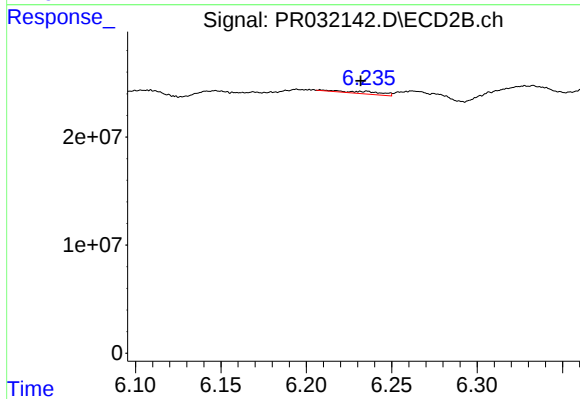
#27 AR-1254-2

R.T.: 5.904 min
Delta R.T.: -0.015 min
Response: 5026631
Conc: 3.24 ng/ml



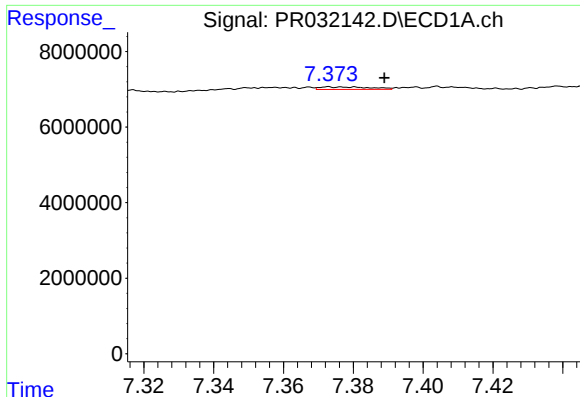
#28 AR-1254-3

R.T.: 7.112 min
Delta R.T.: 0.005 min
Response: 4032261
Conc: 2.26 ng/ml



#28 AR-1254-3

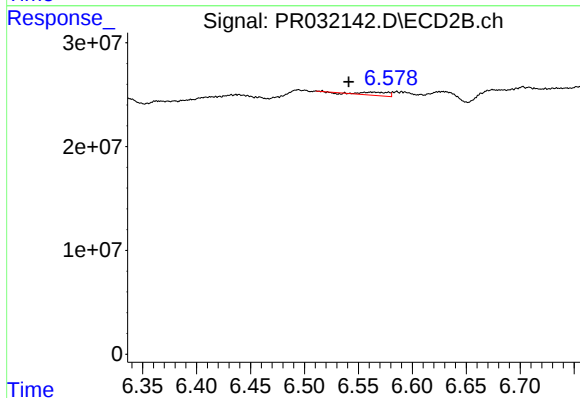
R.T.: 6.235 min
Delta R.T.: 0.004 min
Response: 3791020
Conc: 1.18 ng/ml



#29 AR-1254-4

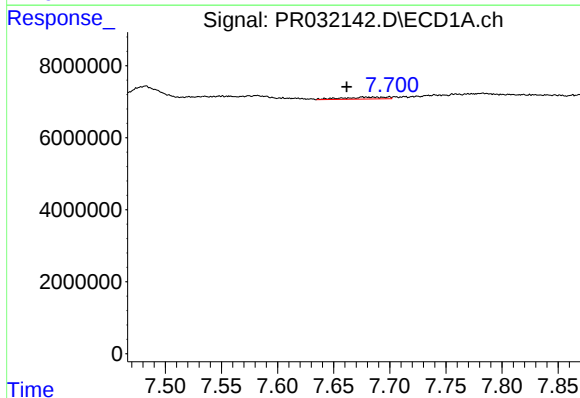
R.T.: 7.380 min
Delta R.T.: -0.009 min
Response: 677236
Conc: 0.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



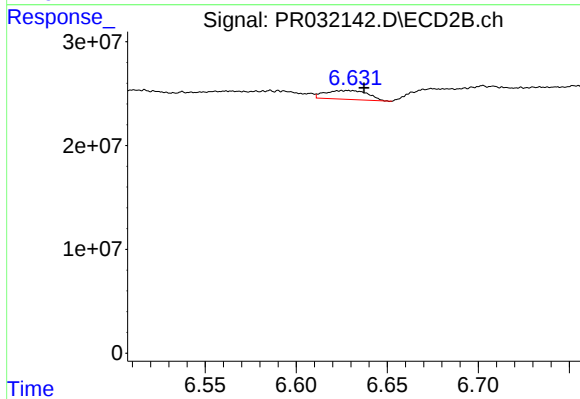
#29 AR-1254-4

R.T.: 6.564 min
Delta R.T.: 0.023 min
Response: 5053637
Conc: 2.68 ng/ml



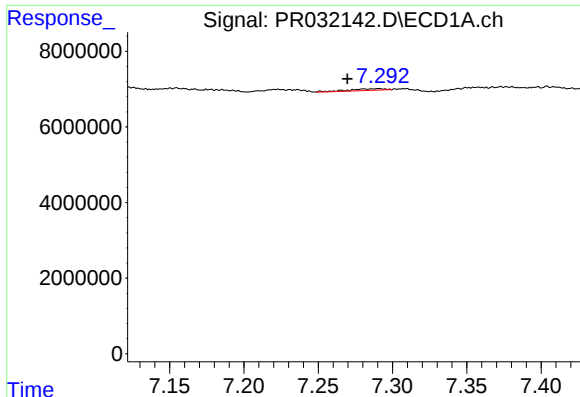
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: 0.014 min
Response: 1458985
Conc: 1.52 ng/ml



#30 AR-1254-5

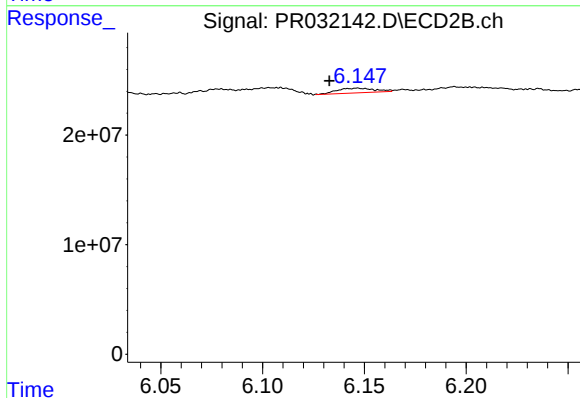
R.T.: 6.628 min
Delta R.T.: -0.009 min
Response: 13816120
Conc: 6.27 ng/ml



#31 AR-1260-1

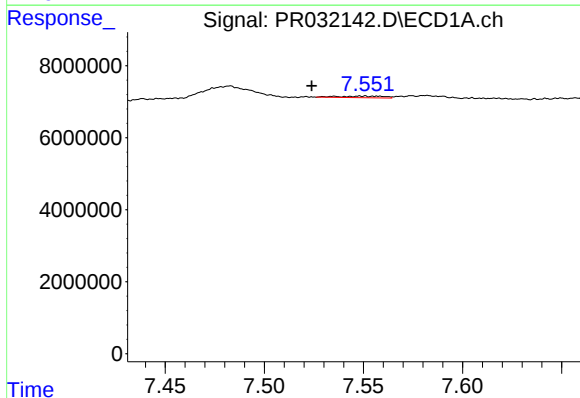
R.T.: 7.291 min
Delta R.T.: 0.021 min
Response: 726584
Conc: 0.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



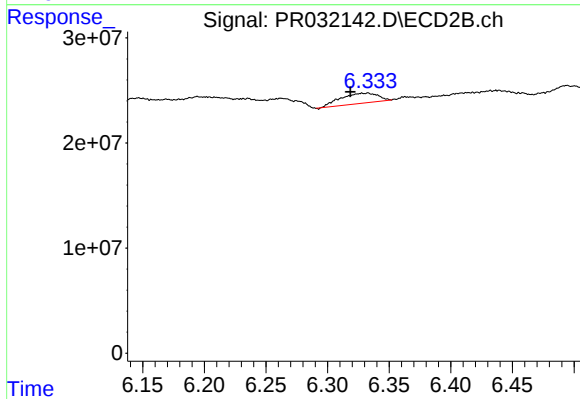
#31 AR-1260-1

R.T.: 6.147 min
Delta R.T.: 0.014 min
Response: 5416260
Conc: 1.64 ng/ml



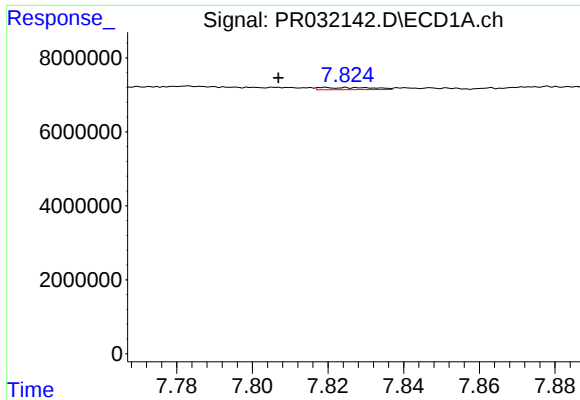
#32 AR-1260-2

R.T.: 7.549 min
Delta R.T.: 0.025 min
Response: 700170
Conc: 0.42 ng/ml



#32 AR-1260-2

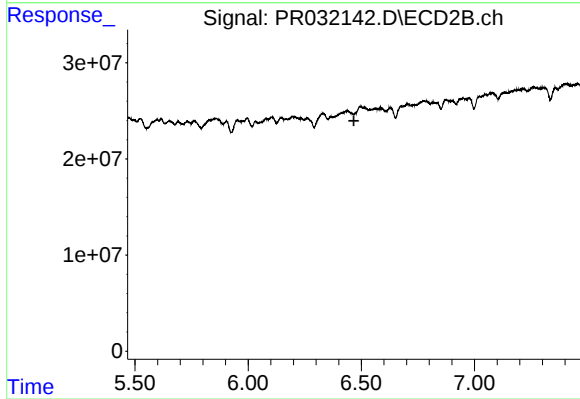
R.T.: 6.332 min
Delta R.T.: 0.014 min
Response: 20132466
Conc: 4.93 ng/ml



#33 AR-1260-3

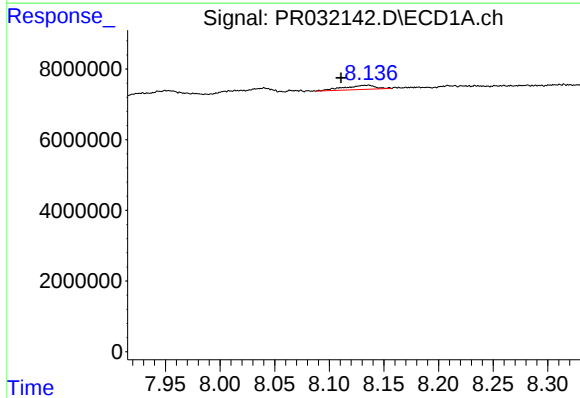
R.T.: 7.819 min
Delta R.T.: 0.012 min
Response: 591390
Conc: 0.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



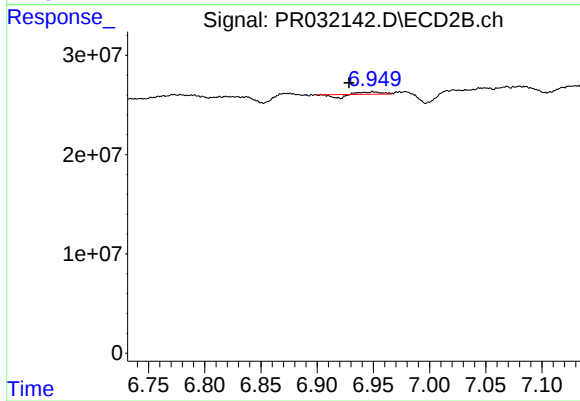
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: 0.027 min
Response: -2183491
Conc: N.D.



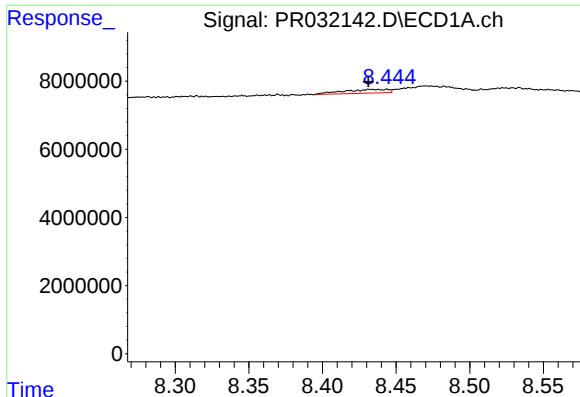
#34 AR-1260-4

R.T.: 8.136 min
Delta R.T.: 0.025 min
Response: 2449548
Conc: 1.77 ng/ml



#34 AR-1260-4

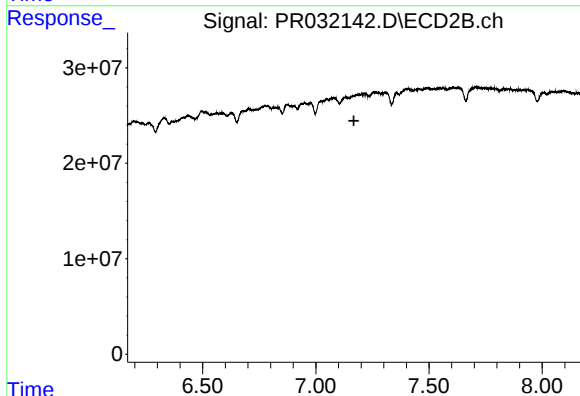
R.T.: 6.950 min
Delta R.T.: 0.021 min
Response: 754924
Conc: 0.38 ng/ml



#35 AR-1260-5

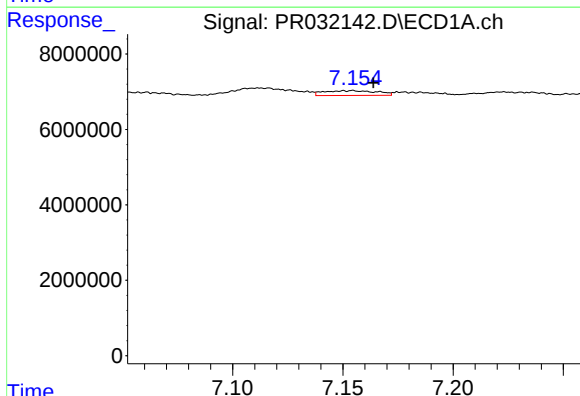
R.T.: 8.433 min
Delta R.T.: 0.001 min
Response: 2251185
Conc: 0.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



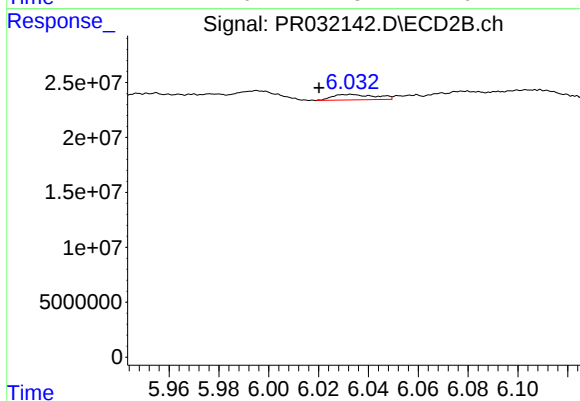
#35 AR-1260-5

R.T.: 7.176 min
Delta R.T.: 0.008 min
Response: -825206
Conc: N.D.



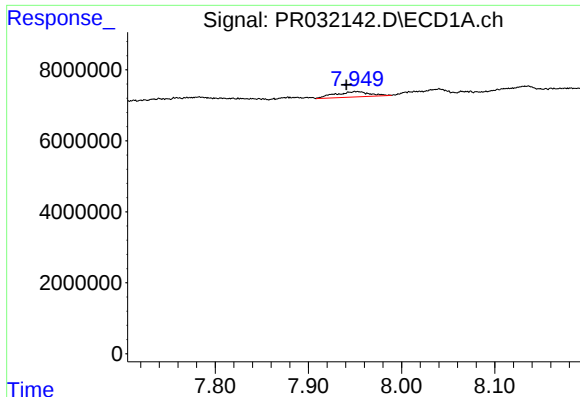
#36 AR-1262-1

R.T.: 7.155 min
Delta R.T.: -0.009 min
Response: 2114676
Conc: 2.78 ng/ml



#36 AR-1262-1

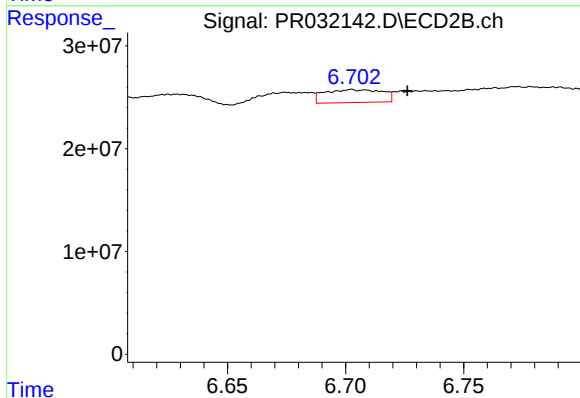
R.T.: 6.033 min
Delta R.T.: 0.012 min
Response: 5919096
Conc: 3.42 ng/ml



#37 AR-1262-2

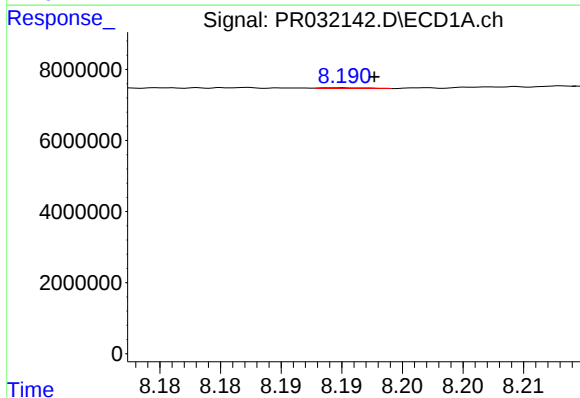
R.T.: 7.951 min
Delta R.T.: 0.010 min
Response: 3818108
Conc: 5.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



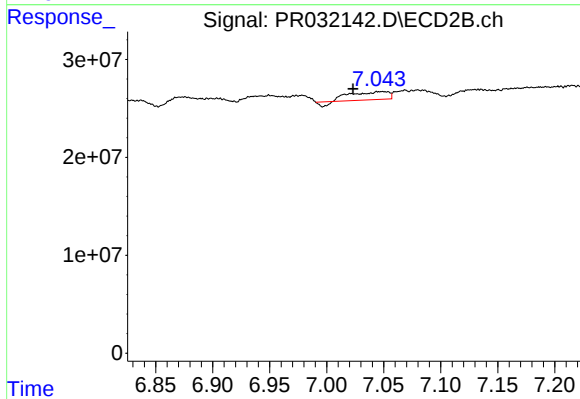
#37 AR-1262-2

R.T.: 6.703 min
Delta R.T.: -0.024 min
Response: 21322540
Conc: 15.00 ng/ml



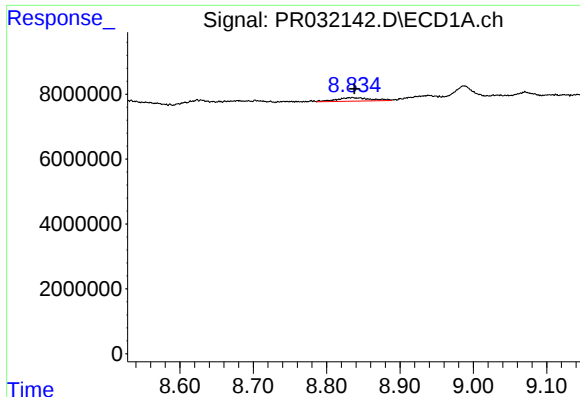
#38 AR-1262-3

R.T.: 8.190 min
Delta R.T.: -0.003 min
Response: 54979
Conc: 0.09 ng/ml



#38 AR-1262-3

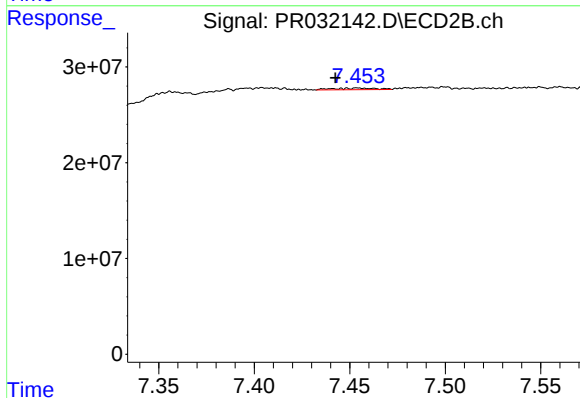
R.T.: 7.049 min
Delta R.T.: 0.026 min
Response: 17070508
Conc: 16.79 ng/ml



#39 AR-1262-4

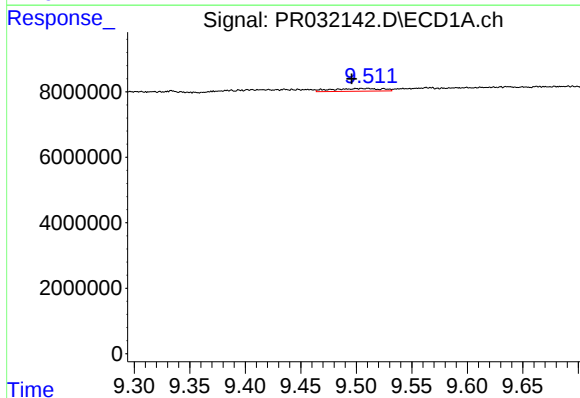
R.T.: 8.835 min
Delta R.T.: -0.002 min
Response: 3510905
Conc: 1.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



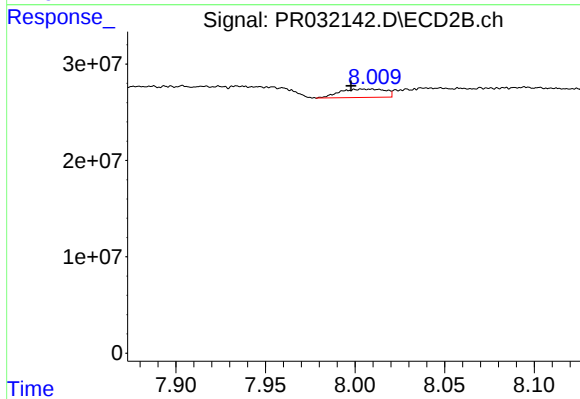
#39 AR-1262-4

R.T.: 7.454 min
Delta R.T.: 0.012 min
Response: 2630945
Conc: 1.55 ng/ml



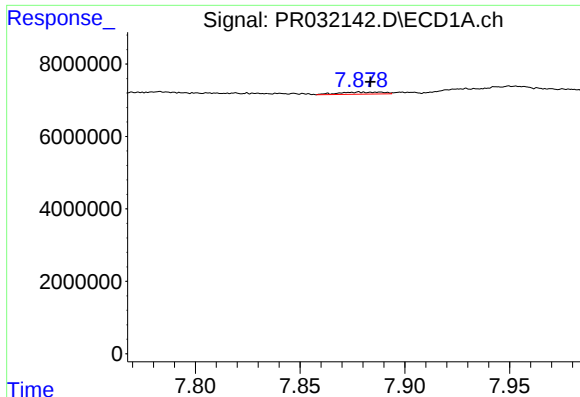
#40 AR-1262-5

R.T.: 9.509 min
Delta R.T.: 0.013 min
Response: 2612753
Conc: 1.93 ng/ml



#40 AR-1262-5

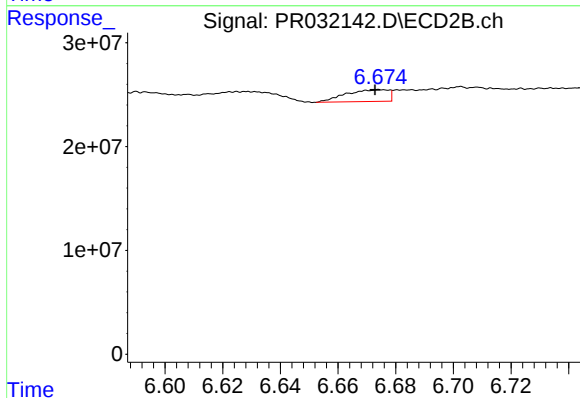
R.T.: 8.007 min
Delta R.T.: 0.010 min
Response: 15222882
Conc: 14.44 ng/ml



#41 AR-1268-1

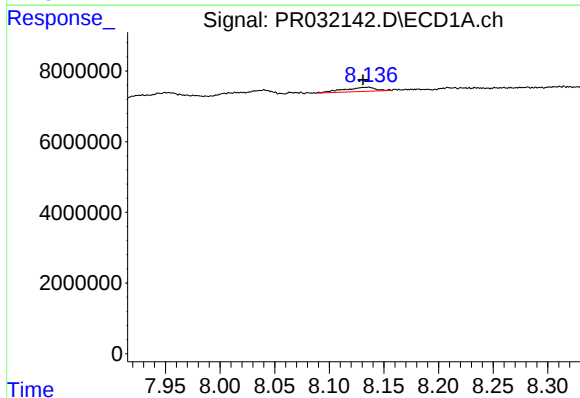
R.T.: 7.878 min
Delta R.T.: -0.005 min
Response: 809671
Conc: 1.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



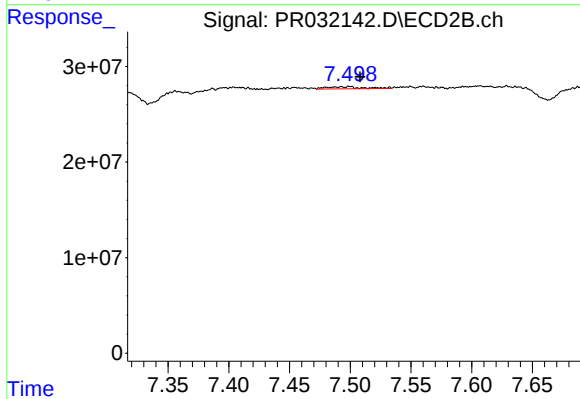
#41 AR-1268-1

R.T.: 6.675 min
Delta R.T.: 0.002 min
Response: 11588746
Conc: 8.27 ng/ml



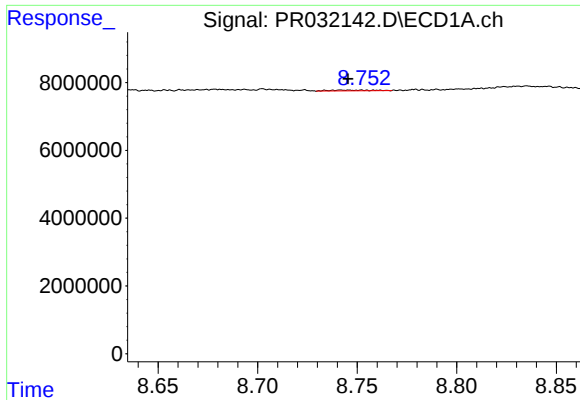
#42 AR-1268-2

R.T.: 8.136 min
Delta R.T.: 0.005 min
Response: 2449548
Conc: 2.65 ng/ml



#42 AR-1268-2

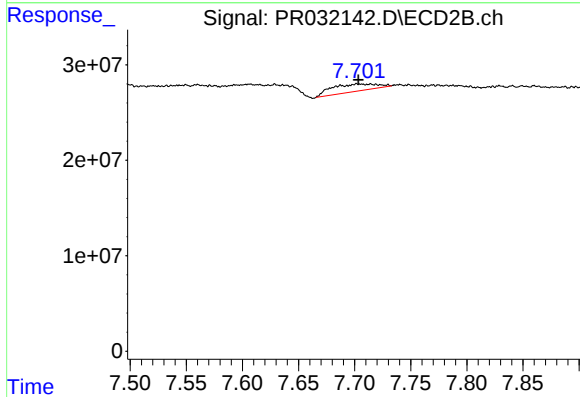
R.T.: 7.500 min
Delta R.T.: -0.008 min
Response: 4499389
Conc: 0.75 ng/ml



#43 AR-1268-3

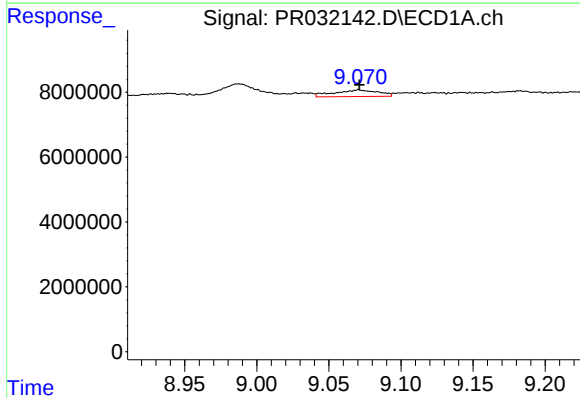
R.T.: 8.752 min
Delta R.T.: 0.007 min
Response: 309434
Conc: 0.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



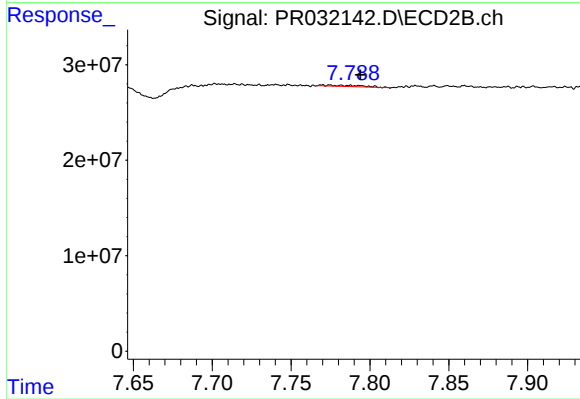
#43 AR-1268-3

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 21648517
Conc: 7.70 ng/ml



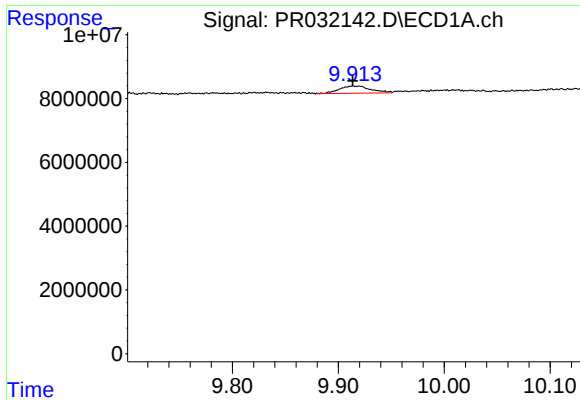
#44 AR-1268-4

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 4269994
Conc: 1.24 ng/ml



#44 AR-1268-4

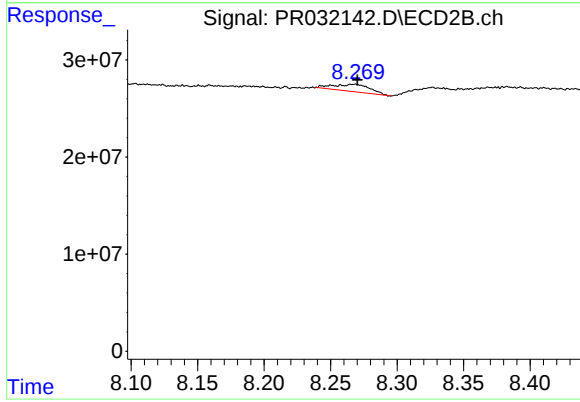
R.T.: 7.787 min
Delta R.T.: -0.007 min
Response: 1737545
Conc: 2.17 ng/ml



#45 AR-1268-5

R.T.: 9.916 min
Delta R.T.: 0.002 min
Response: 4660561
Conc: 0.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.268 min
Delta R.T.: -0.003 min
Response: 14223970
Conc: 1.97 ng/ml