

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041223\
 Data File : PP056894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2023 19:37
 Operator : YP\AJ
 Sample : 02288-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 22:22:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.438	3.664	40688372	28712754	18.938	16.509
2)	SA Decachlor...	10.276	8.746	13637831	14432434	10.419	9.179
Target Compounds							
3)	L1 AR-1016-1	5.614	4.777	588578	82577	9.586	1.550 #
4)	L1 AR-1016-2	5.637	4.777	750999	82577	8.422	1.114 #
5)	L1 AR-1016-3	5.702	4.959	495174	71604	8.734	1.779 #
6)	L1 AR-1016-4	5.789	5.007	232443	144819	5.191	3.997
7)	L1 AR-1016-5	6.094	5.231	162102	51751	3.457	1.102 #
8)	L2 AR-1221-1	4.645	3.863f	7947240	-111238	301.298	N.D. #
9)	L2 AR-1221-2	4.727	3.953f	73352	3186732	3.776	193.959 #
10)	L2 AR-1221-3	4.810	0.000	58963	0	1.035	N.D. #
11)	L3 AR-1232-1	4.810	0.000	58963	0	1.224	N.D. #
12)	L3 AR-1232-2	5.347	4.777	1760208	82577	70.465	2.409 #
13)	L3 AR-1232-3	5.637	4.959	750999	71604	18.627	3.891 #
14)	L3 AR-1232-4	5.789	5.056	232443	151353	11.536	7.898 #
15)	L3 AR-1232-5	5.897	5.231	82942	51751	4.719	2.435 #
16)	L4 AR-1242-1	5.614	4.777	588578	82577	11.704	1.920 #
17)	L4 AR-1242-2	5.637	4.777	750999	82577	10.313	1.388 #
18)	L4 AR-1242-3	5.692	4.959	432454	71604	9.438	2.219 #
19)	L4 AR-1242-4	5.789	5.056	232443	151353	6.442	4.154 #
20)	L4 AR-1242-5	6.554f	5.575	111930	65918	3.372	1.653 #
21)	L5 AR-1248-1	5.614	4.777	588578	82577	15.687	2.509 #
22)	L5 AR-1248-2	5.897	5.007	82942	144819	1.408	2.810 #
23)	L5 AR-1248-3	6.094	5.056	162102	151353	2.544	2.819
24)	L5 AR-1248-4	6.487	5.231	143733	51751	2.475	0.836 #
25)	L5 AR-1248-5	6.554f	5.624	111930	60493	1.982	1.178 #
26)	L6 AR-1254-1	6.474	5.575	278047	65918	3.921	0.716 #
27)	L6 AR-1254-2	6.705	5.728	126543	88991	1.248	1.107
28)	L6 AR-1254-3	7.065	6.132	255674	366691	2.638	2.966
29)	L6 AR-1254-4	7.353	6.356	266152	173306	4.361	2.727 #
30)	L6 AR-1254-5	0.000	6.784	0	518547	N.D.	4.932 #
31)	L7 AR-1260-1	7.225	6.261	113837	93446	1.398	0.977 #
32)	L7 AR-1260-2	7.496	6.439f	933469	134988	10.941	1.307 #
33)	L7 AR-1260-3	7.850	6.618	114625	226830	1.641	2.187 #
34)	L7 AR-1260-4	8.086	0.000	92094	0	1.207	N.D. #
35)	L7 AR-1260-5	8.393	7.333	66513	48182	0.525	0.304 #
36)	L8 AR-1262-1	7.850	6.891	114625	101592	1.301	2.171 #
37)	L8 AR-1262-2	8.393	0.000	66513	0	0.514	N.D. #
38)	L8 AR-1262-3	8.722	0.000	73513	0	0.798	N.D. #
39)	L8 AR-1262-4	8.807	7.697f	199875	34520	4.402	0.293 #
40)	L8 AR-1262-5	9.489	0.000	27654	0	0.688	N.D. #
41)	L9 AR-1268-1	8.722	0.000	73513	0	0.395	N.D. #

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 Operator : YP\AJ
 Sample : 02288-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

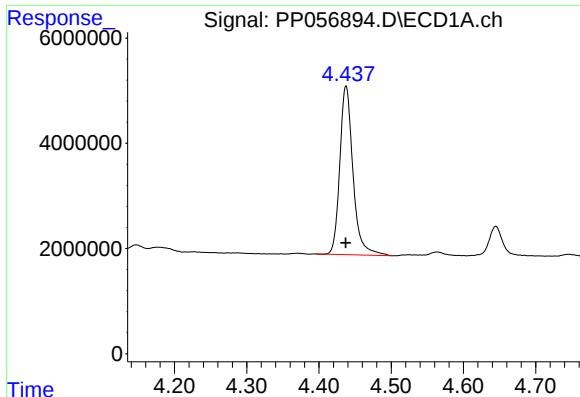
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 22:22:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
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 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	8.807	7.697f	199875	34520	1.204	0.178 #
43) L9	AR-1268-3	9.038	7.917f	129585	304729	0.814	1.537 #
44) L9	AR-1268-4	9.489	0.000	27654	0	0.596	N.D. #
45) L9	AR-1268-5	9.928	8.486	125096	207085	0.291	0.408 #

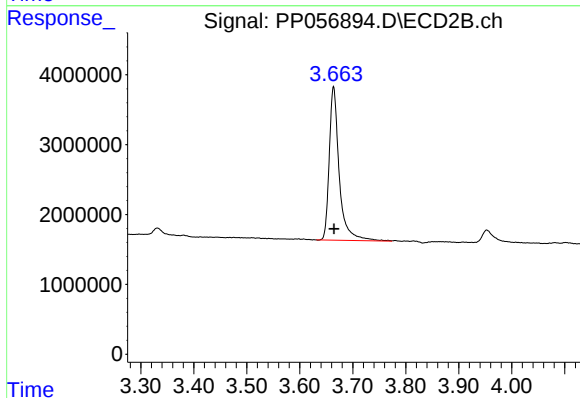
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

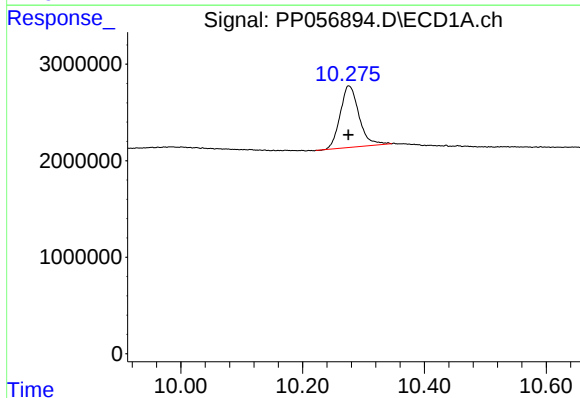
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 40688372
Conc: 18.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



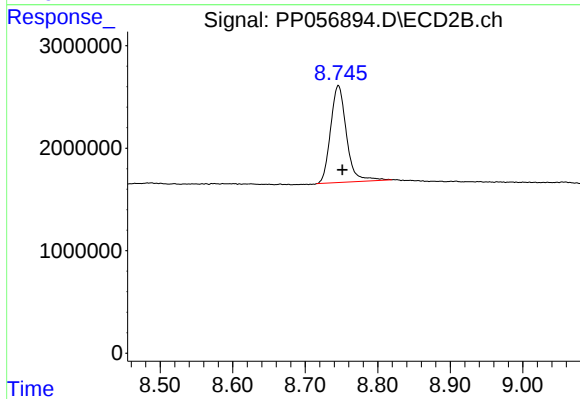
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.001 min
Response: 28712754
Conc: 16.51 ng/ml



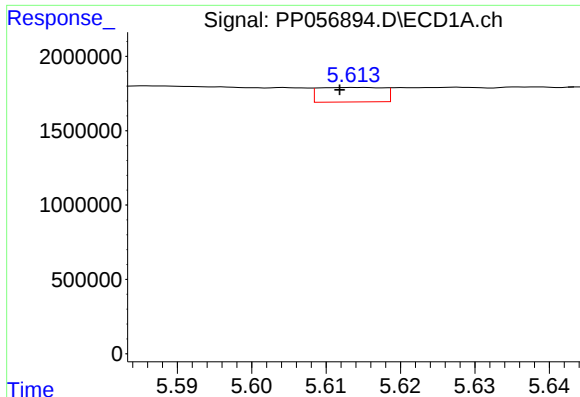
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 13637831
Conc: 10.42 ng/ml



#2 Decachlorobiphenyl

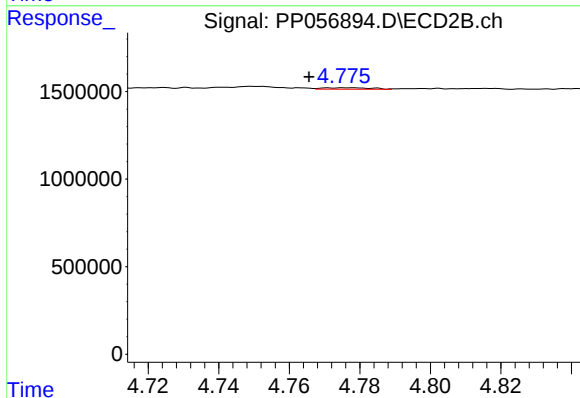
R.T.: 8.746 min
Delta R.T.: -0.006 min
Response: 14432434
Conc: 9.18 ng/ml



#3 AR-1016-1

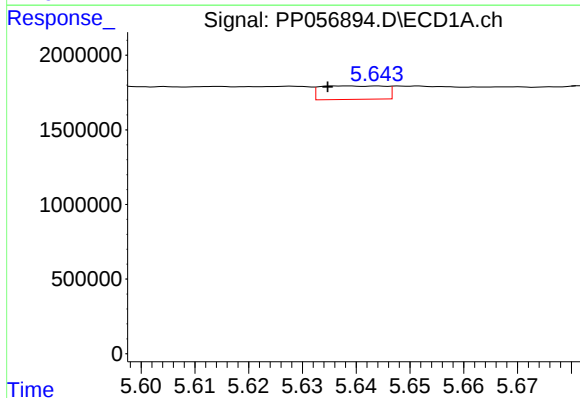
R.T.: 5.614 min
Delta R.T.: 0.002 min
Response: 588578
Conc: 9.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



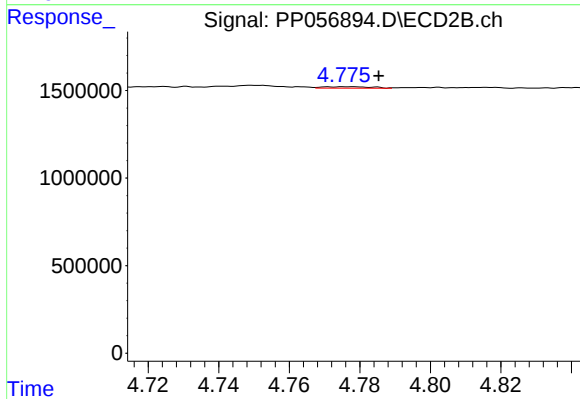
#3 AR-1016-1

R.T.: 4.777 min
Delta R.T.: 0.011 min
Response: 82577
Conc: 1.55 ng/ml



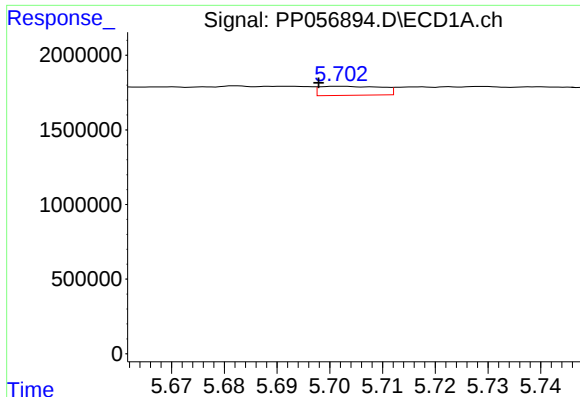
#4 AR-1016-2

R.T.: 5.637 min
Delta R.T.: 0.003 min
Response: 750999
Conc: 8.42 ng/ml



#4 AR-1016-2

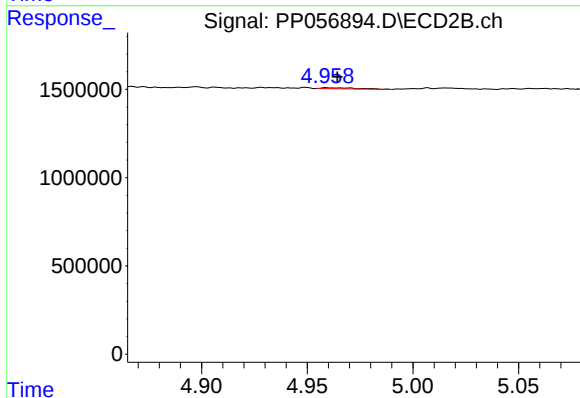
R.T.: 4.777 min
Delta R.T.: -0.009 min
Response: 82577
Conc: 1.11 ng/ml



#5 AR-1016-3

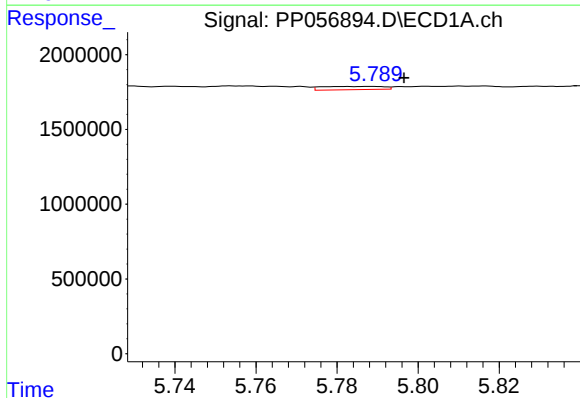
R.T.: 5.702 min
Delta R.T.: 0.004 min
Response: 495174
Conc: 8.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



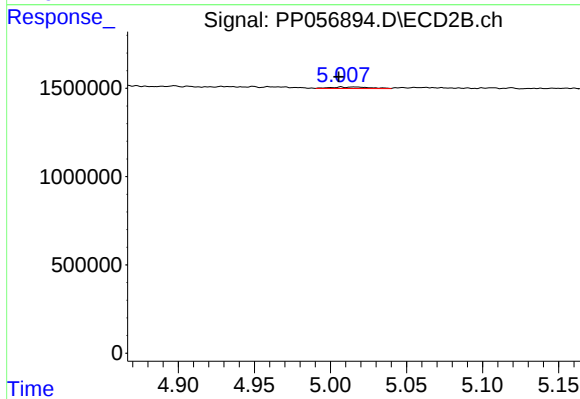
#5 AR-1016-3

R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 71604
Conc: 1.78 ng/ml



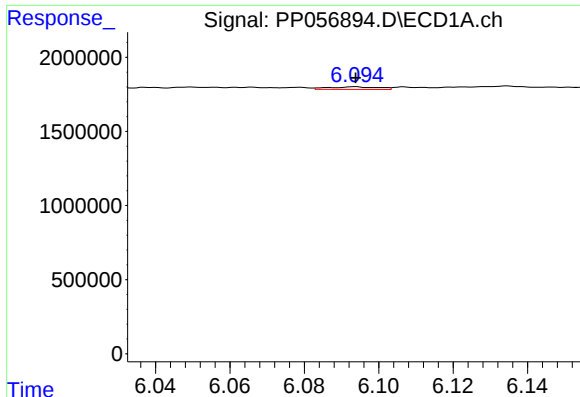
#6 AR-1016-4

R.T.: 5.789 min
Delta R.T.: -0.008 min
Response: 232443
Conc: 5.19 ng/ml



#6 AR-1016-4

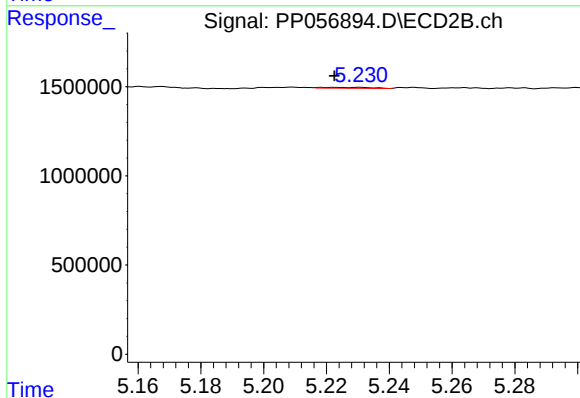
R.T.: 5.007 min
Delta R.T.: 0.002 min
Response: 144819
Conc: 4.00 ng/ml



#7 AR-1016-5

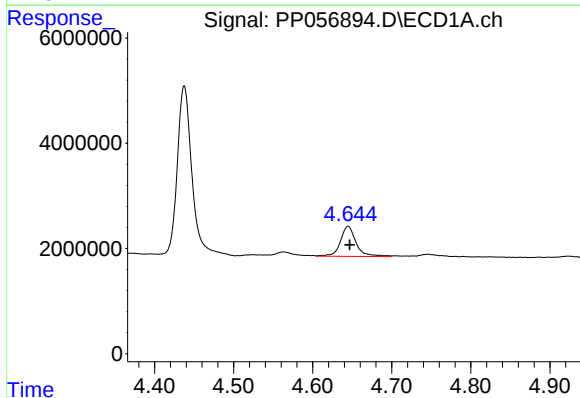
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 162102
Conc: 3.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



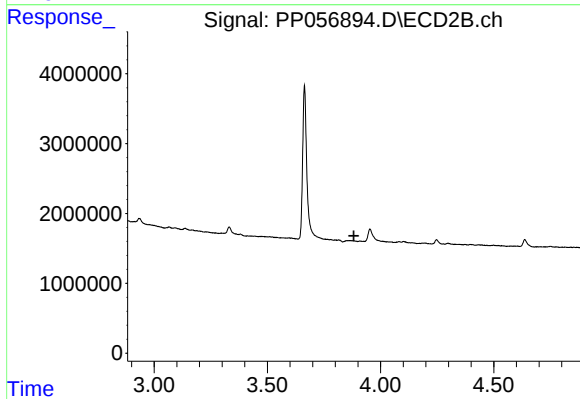
#7 AR-1016-5

R.T.: 5.231 min
Delta R.T.: 0.008 min
Response: 51751
Conc: 1.10 ng/ml



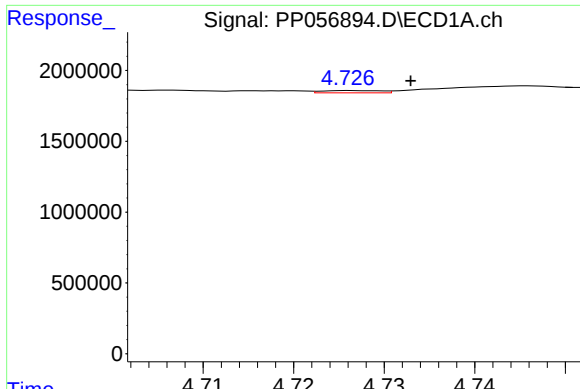
#8 AR-1221-1

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 7947240
Conc: 301.30 ng/ml



#8 AR-1221-1

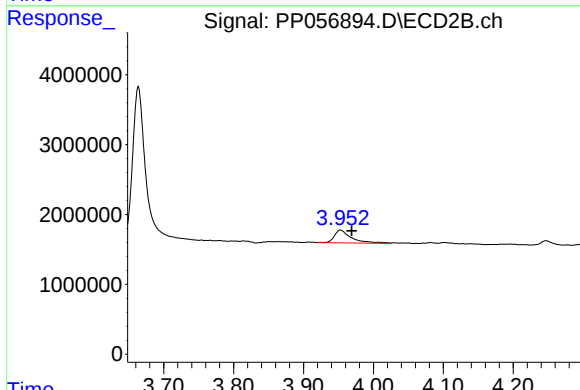
R.T.: 3.863 min
Delta R.T.: -0.020 min
Response: -111238
Conc: N.D.



#9 AR-1221-2

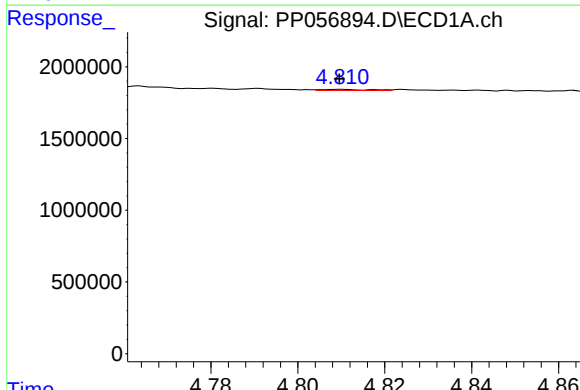
R.T.: 4.727 min
Delta R.T.: -0.006 min
Response: 73352
Conc: 3.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



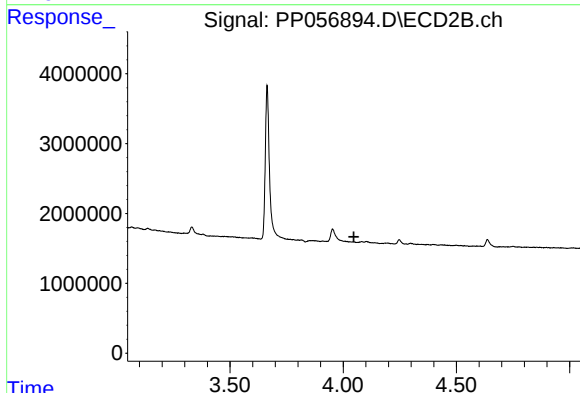
#9 AR-1221-2

R.T.: 3.953 min
Delta R.T.: -0.016 min
Response: 3186732
Conc: 193.96 ng/ml



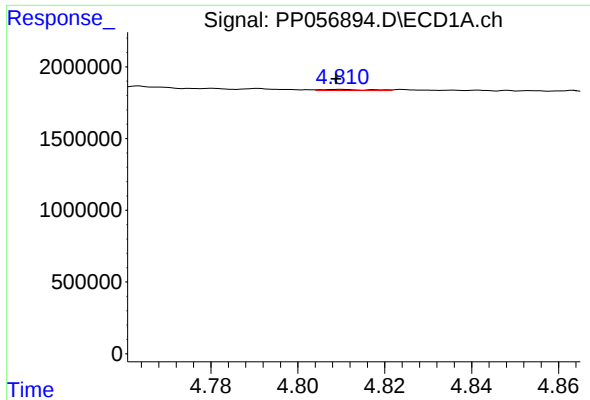
#10 AR-1221-3

R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 58963
Conc: 1.03 ng/ml



#10 AR-1221-3

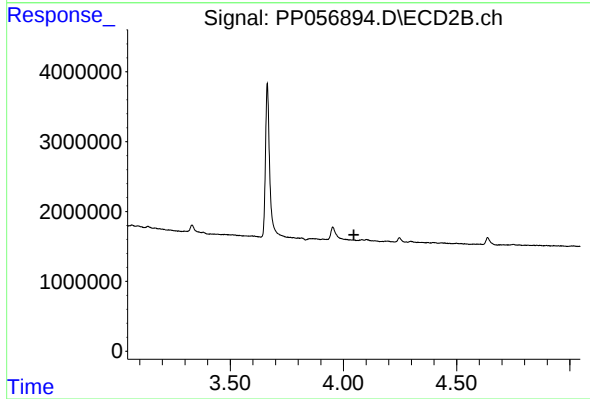
R.T.: 0.000 min
Exp R.T. : 4.047 min
Response: 0
Conc: N.D.



#11 AR-1232-1

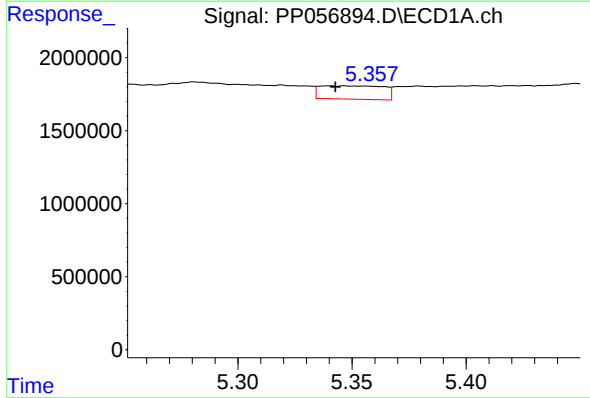
R.T.: 4.810 min
Delta R.T.: 0.001 min
Response: 58963
Conc: 1.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



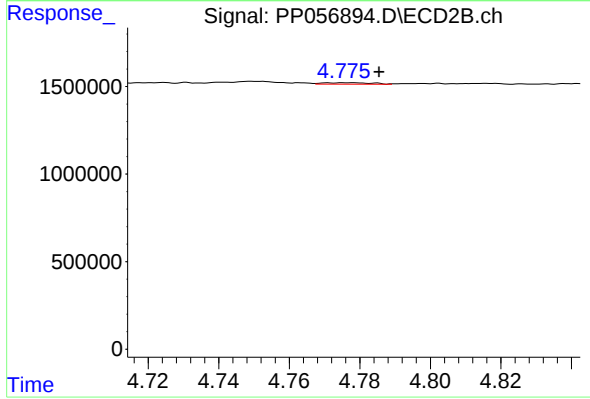
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.046 min
Response: 0
Conc: N.D.



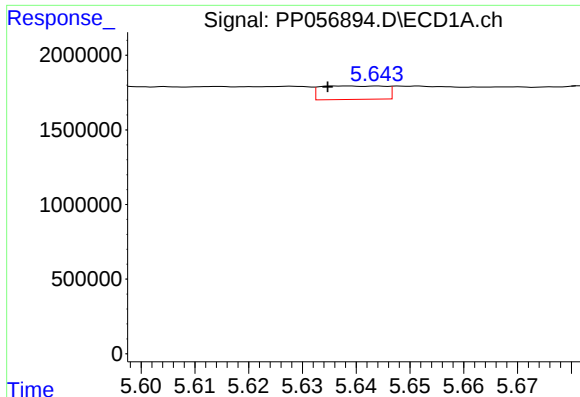
#12 AR-1232-2

R.T.: 5.347 min
Delta R.T.: 0.004 min
Response: 1760208
Conc: 70.47 ng/ml



#12 AR-1232-2

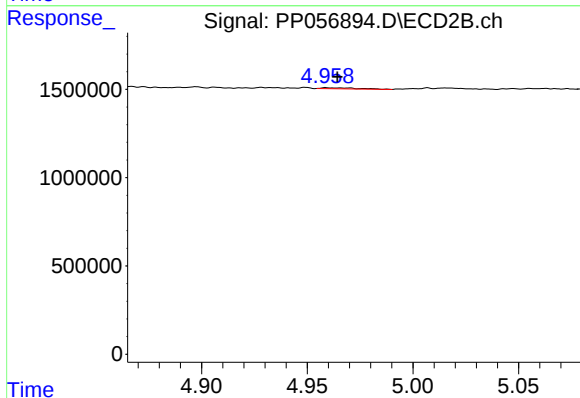
R.T.: 4.777 min
Delta R.T.: -0.009 min
Response: 82577
Conc: 2.41 ng/ml



#13 AR-1232-3

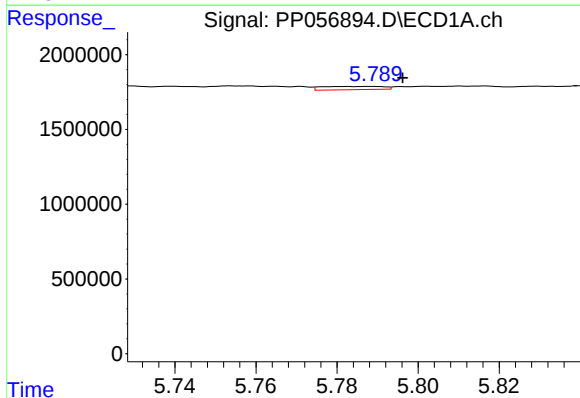
R.T.: 5.637 min
Delta R.T.: 0.003 min
Response: 750999
Conc: 18.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



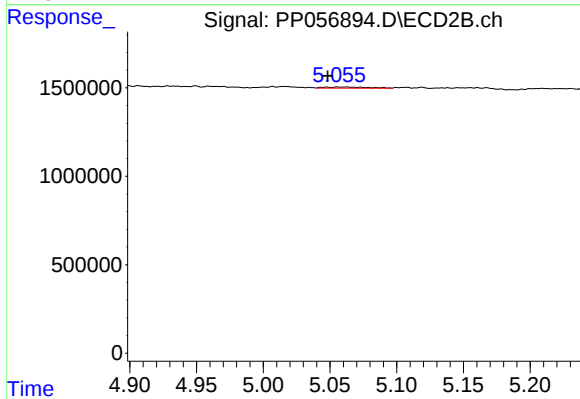
#13 AR-1232-3

R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 71604
Conc: 3.89 ng/ml



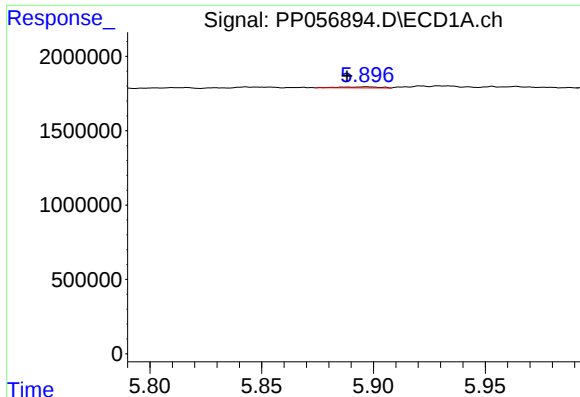
#14 AR-1232-4

R.T.: 5.789 min
Delta R.T.: -0.008 min
Response: 232443
Conc: 11.54 ng/ml



#14 AR-1232-4

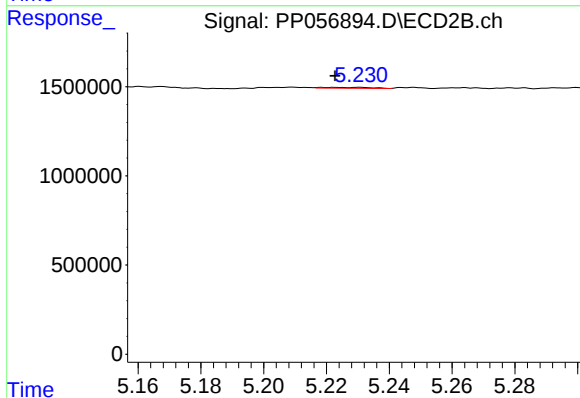
R.T.: 5.056 min
Delta R.T.: 0.007 min
Response: 151353
Conc: 7.90 ng/ml



#15 AR-1232-5

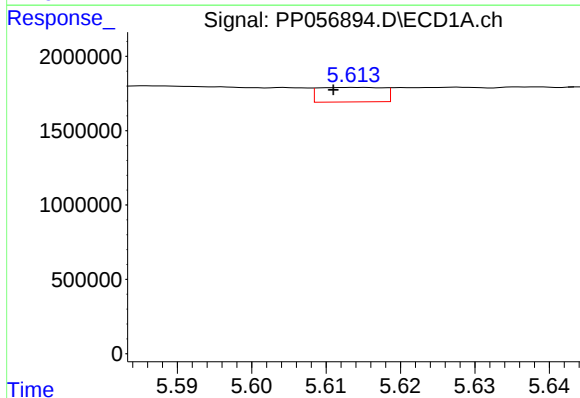
R.T.: 5.897 min
Delta R.T.: 0.009 min
Response: 82942
Conc: 4.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



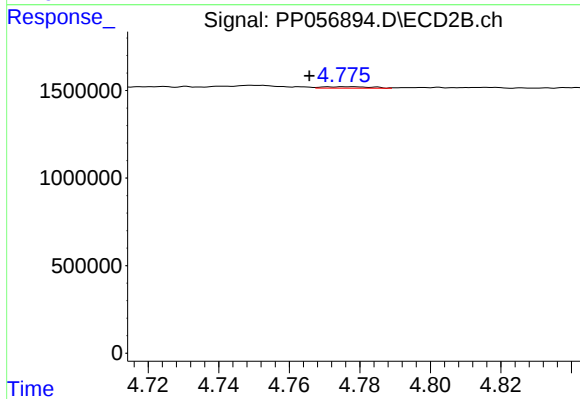
#15 AR-1232-5

R.T.: 5.231 min
Delta R.T.: 0.008 min
Response: 51751
Conc: 2.43 ng/ml



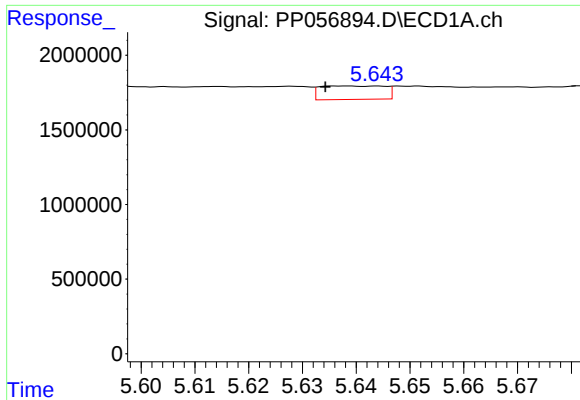
#16 AR-1242-1

R.T.: 5.614 min
Delta R.T.: 0.003 min
Response: 588578
Conc: 11.70 ng/ml



#16 AR-1242-1

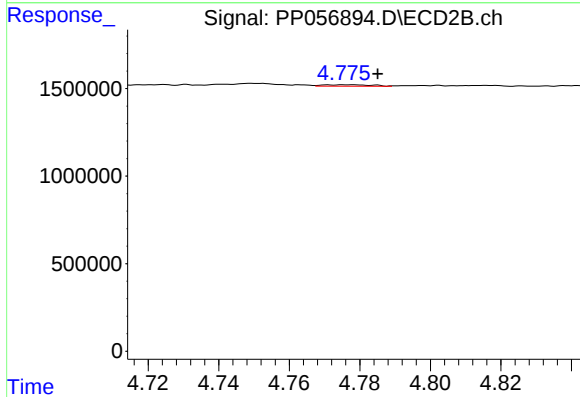
R.T.: 4.777 min
Delta R.T.: 0.011 min
Response: 82577
Conc: 1.92 ng/ml



#17 AR-1242-2

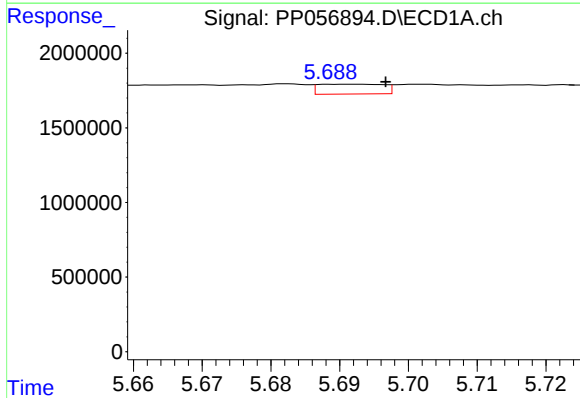
R.T.: 5.637 min
Delta R.T.: 0.003 min
Response: 750999
Conc: 10.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



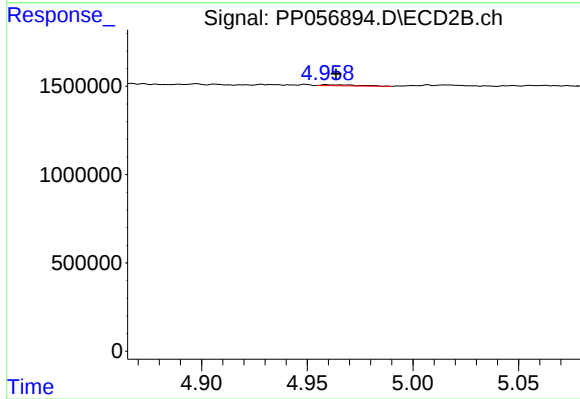
#17 AR-1242-2

R.T.: 4.777 min
Delta R.T.: -0.008 min
Response: 82577
Conc: 1.39 ng/ml



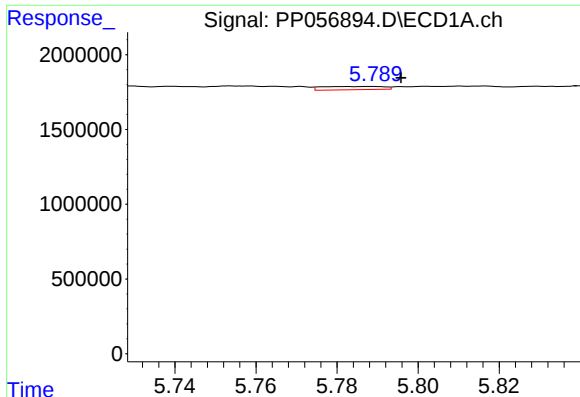
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 432454
Conc: 9.44 ng/ml



#18 AR-1242-3

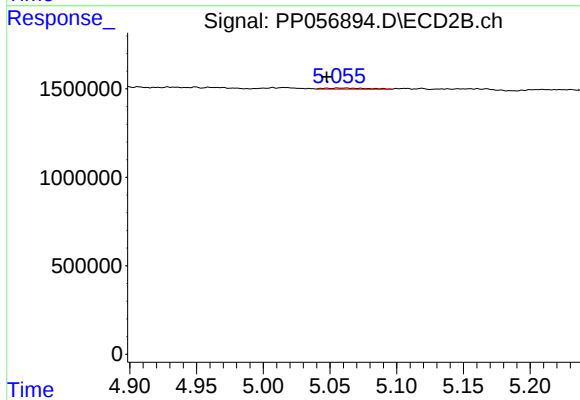
R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 71604
Conc: 2.22 ng/ml



#19 AR-1242-4

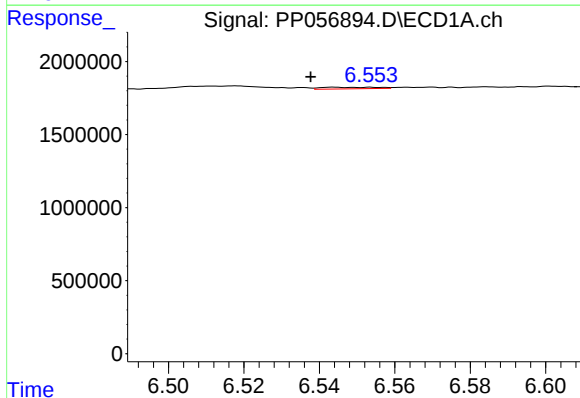
R.T.: 5.789 min
Delta R.T.: -0.007 min
Response: 232443
Conc: 6.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



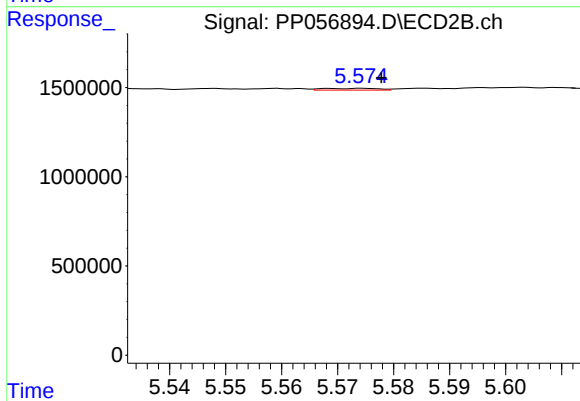
#19 AR-1242-4

R.T.: 5.056 min
Delta R.T.: 0.008 min
Response: 151353
Conc: 4.15 ng/ml



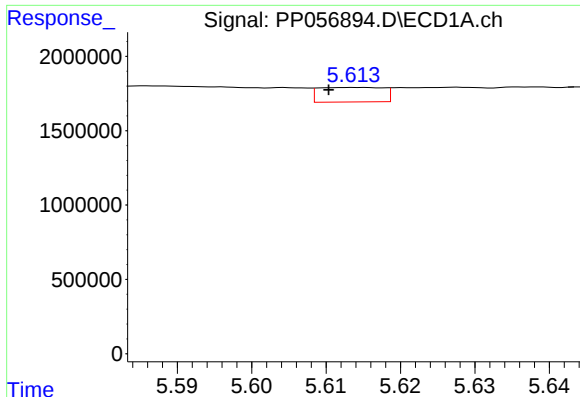
#20 AR-1242-5

R.T.: 6.554 min
Delta R.T.: 0.016 min
Response: 111930
Conc: 3.37 ng/ml



#20 AR-1242-5

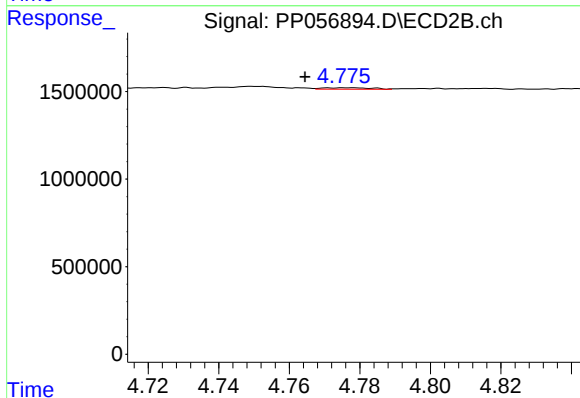
R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 65918
Conc: 1.65 ng/ml



#21 AR-1248-1

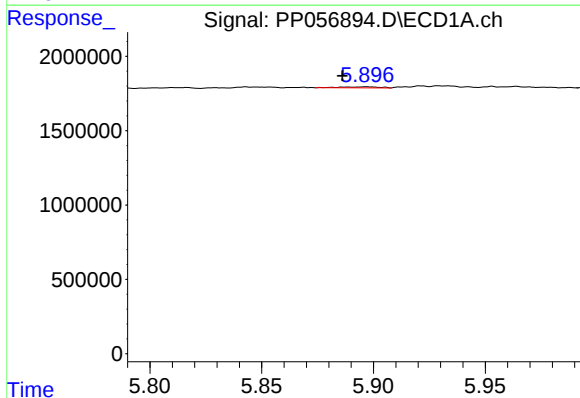
R.T.: 5.614 min
Delta R.T.: 0.004 min
Response: 588578
Conc: 15.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



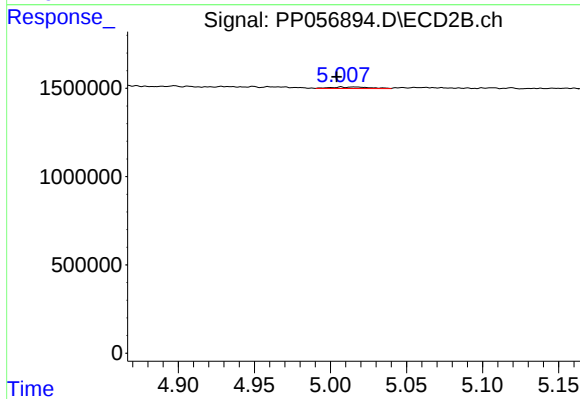
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: 0.012 min
Response: 82577
Conc: 2.51 ng/ml



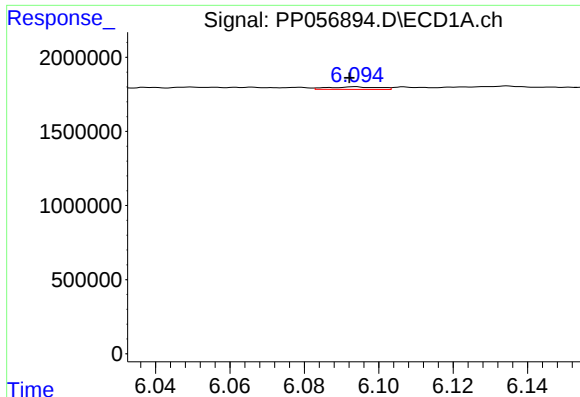
#22 AR-1248-2

R.T.: 5.897 min
Delta R.T.: 0.011 min
Response: 82942
Conc: 1.41 ng/ml



#22 AR-1248-2

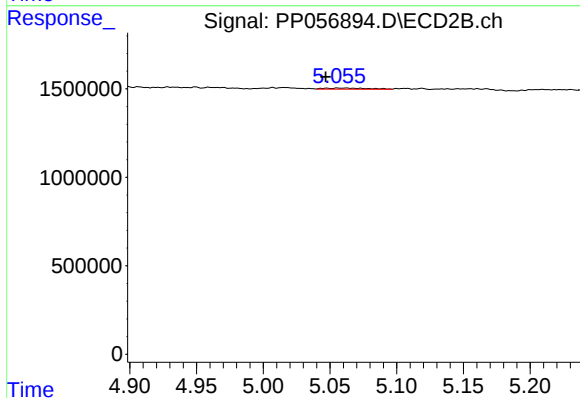
R.T.: 5.007 min
Delta R.T.: 0.003 min
Response: 144819
Conc: 2.81 ng/ml



#23 AR-1248-3

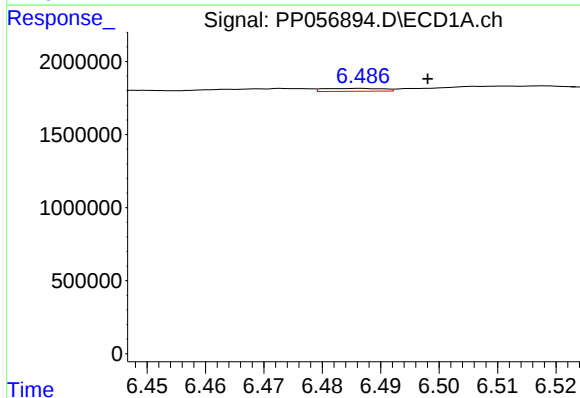
R.T.: 6.094 min
Delta R.T.: 0.002 min
Response: 162102
Conc: 2.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



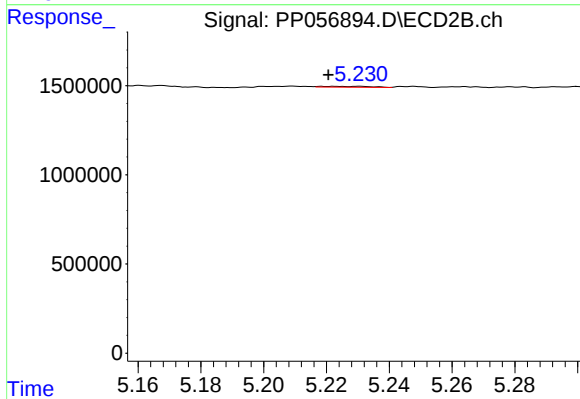
#23 AR-1248-3

R.T.: 5.056 min
Delta R.T.: 0.009 min
Response: 151353
Conc: 2.82 ng/ml



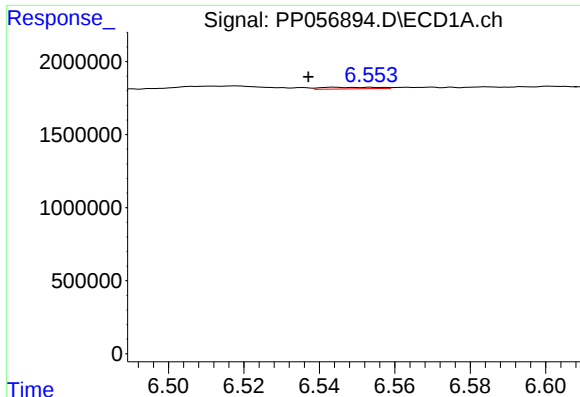
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: -0.011 min
Response: 143733
Conc: 2.47 ng/ml



#24 AR-1248-4

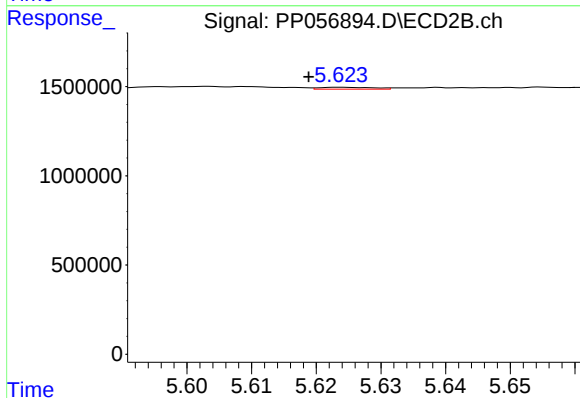
R.T.: 5.231 min
Delta R.T.: 0.010 min
Response: 51751
Conc: 0.84 ng/ml



#25 AR-1248-5

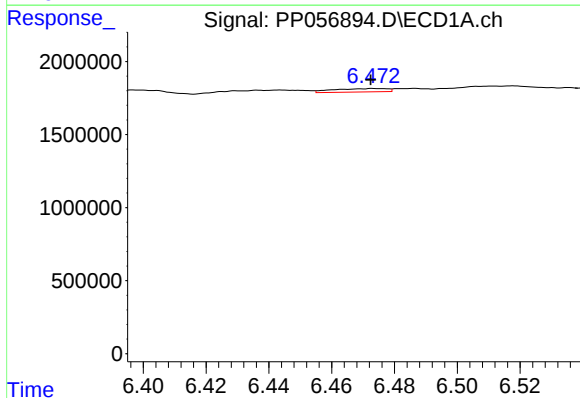
R.T.: 6.554 min
Delta R.T.: 0.017 min
Response: 111930
Conc: 1.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



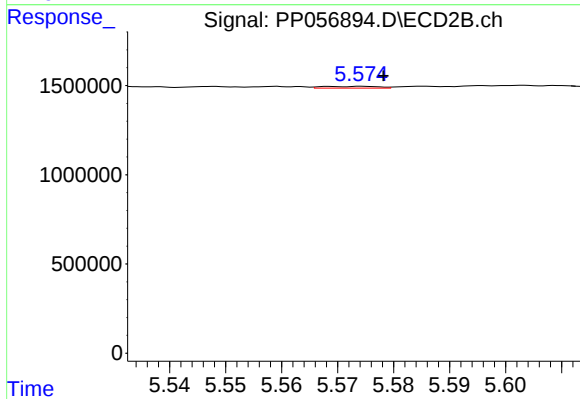
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: 0.005 min
Response: 60493
Conc: 1.18 ng/ml



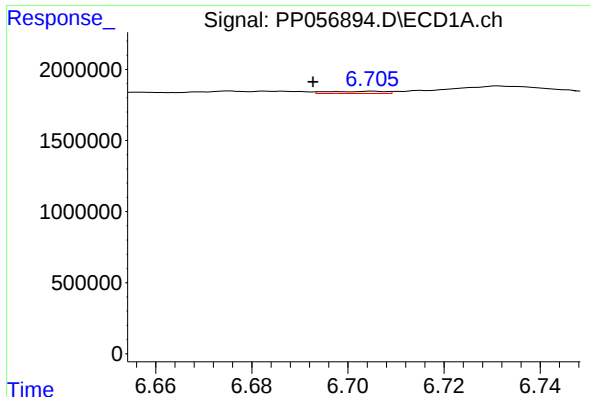
#26 AR-1254-1

R.T.: 6.474 min
Delta R.T.: 0.001 min
Response: 278047
Conc: 3.92 ng/ml



#26 AR-1254-1

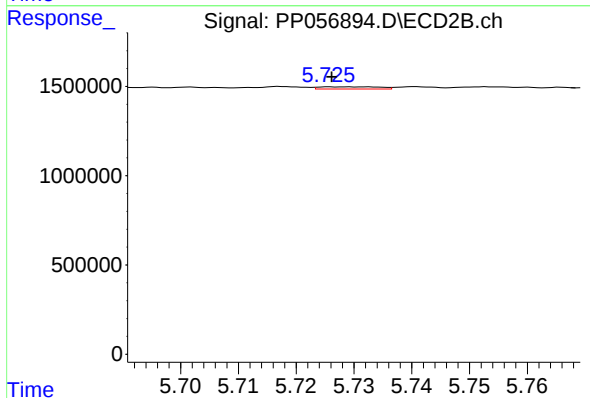
R.T.: 5.575 min
Delta R.T.: -0.004 min
Response: 65918
Conc: 0.72 ng/ml



#27 AR-1254-2

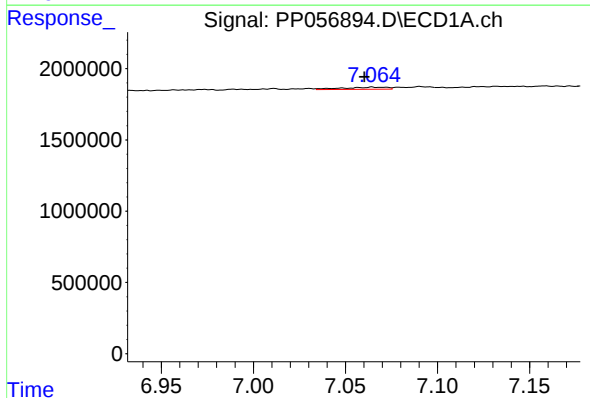
R.T.: 6.705 min
Delta R.T.: 0.013 min
Response: 126543
Conc: 1.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



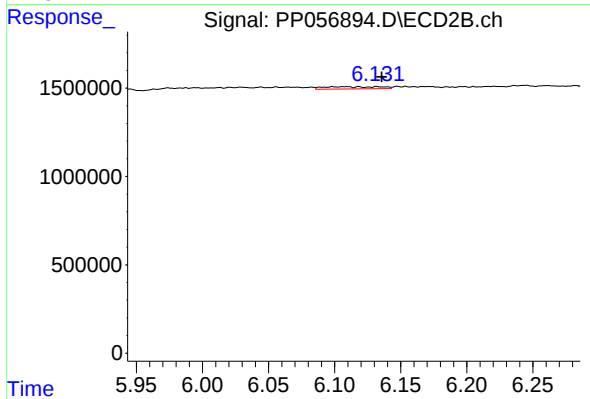
#27 AR-1254-2

R.T.: 5.728 min
Delta R.T.: 0.001 min
Response: 88991
Conc: 1.11 ng/ml



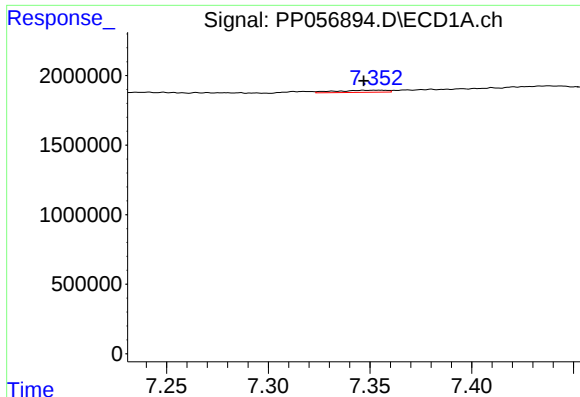
#28 AR-1254-3

R.T.: 7.065 min
Delta R.T.: 0.004 min
Response: 255674
Conc: 2.64 ng/ml



#28 AR-1254-3

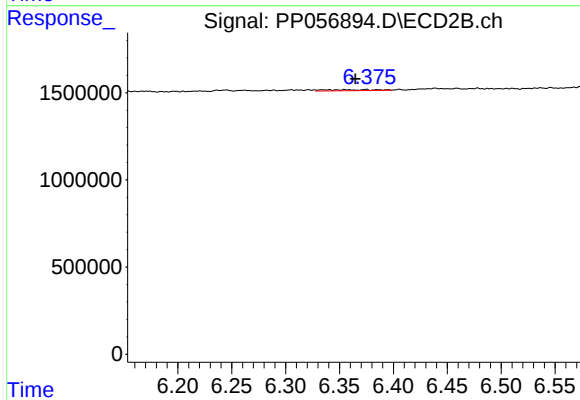
R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 366691
Conc: 2.97 ng/ml



#29 AR-1254-4

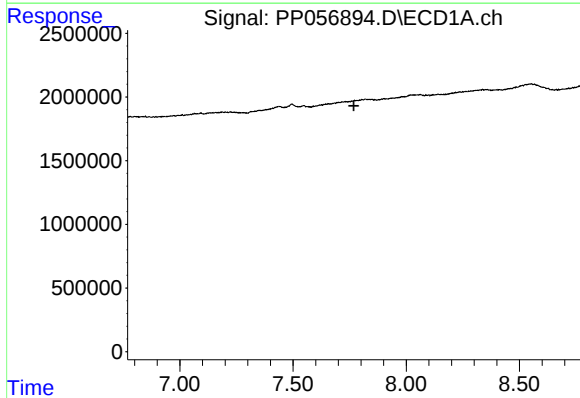
R.T.: 7.353 min
Delta R.T.: 0.006 min
Response: 266152
Conc: 4.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



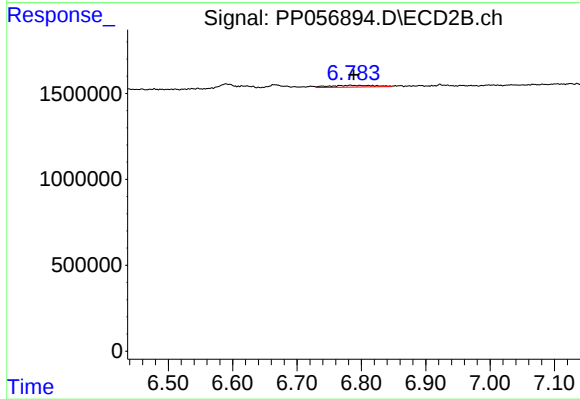
#29 AR-1254-4

R.T.: 6.356 min
Delta R.T.: -0.009 min
Response: 173306
Conc: 2.73 ng/ml



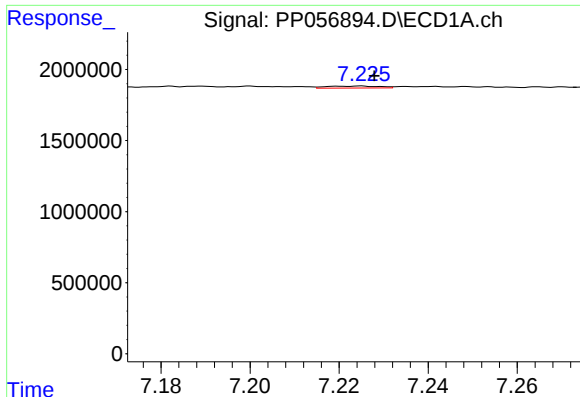
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.769 min
Response: 0
Conc: N.D.



#30 AR-1254-5

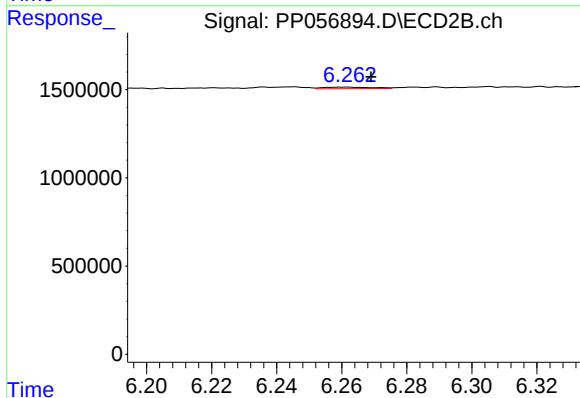
R.T.: 6.784 min
Delta R.T.: -0.004 min
Response: 518547
Conc: 4.93 ng/ml



#31 AR-1260-1

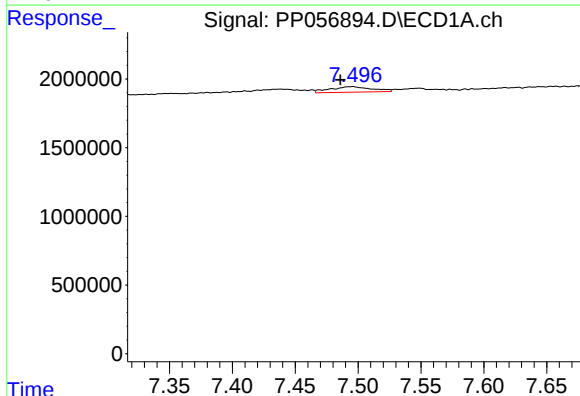
R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 113837
Conc: 1.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



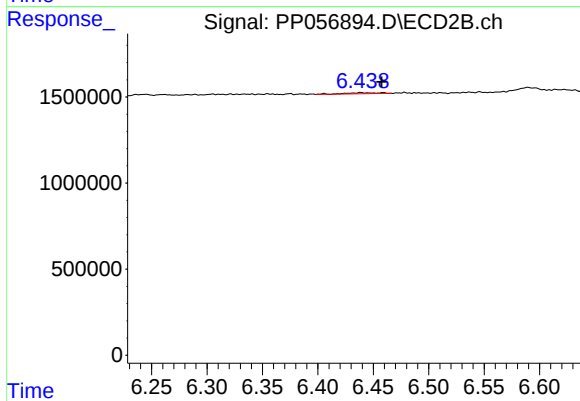
#31 AR-1260-1

R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 93446
Conc: 0.98 ng/ml



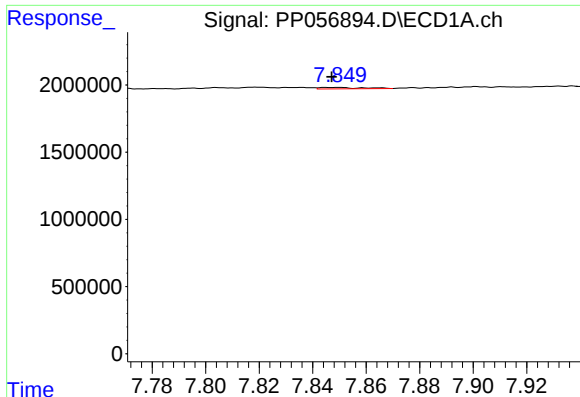
#32 AR-1260-2

R.T.: 7.496 min
Delta R.T.: 0.010 min
Response: 933469
Conc: 10.94 ng/ml



#32 AR-1260-2

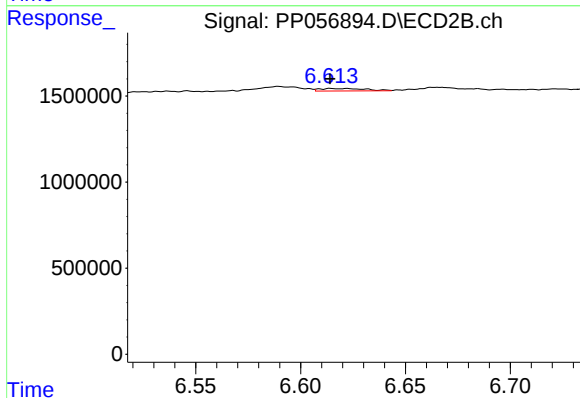
R.T.: 6.439 min
Delta R.T.: -0.019 min
Response: 134988
Conc: 1.31 ng/ml



#33 AR-1260-3

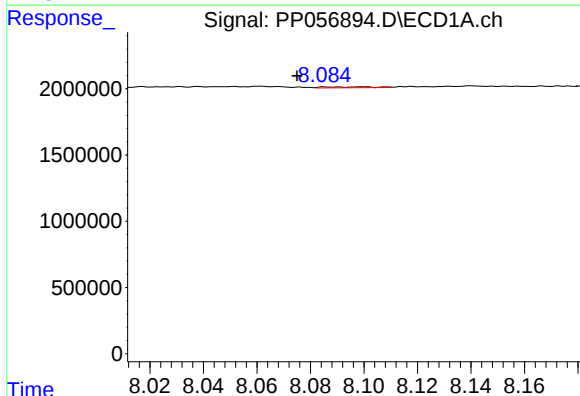
R.T.: 7.850 min
Delta R.T.: 0.003 min
Response: 114625
Conc: 1.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



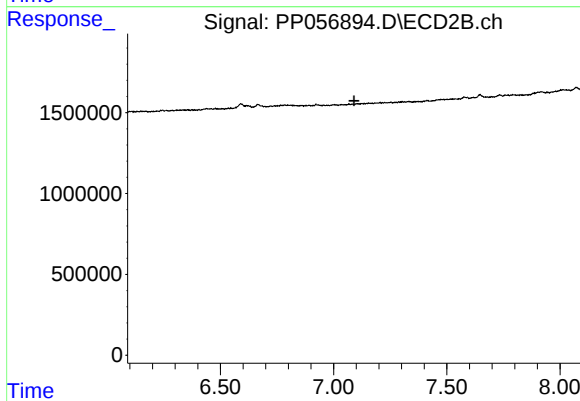
#33 AR-1260-3

R.T.: 6.618 min
Delta R.T.: 0.004 min
Response: 226830
Conc: 2.19 ng/ml



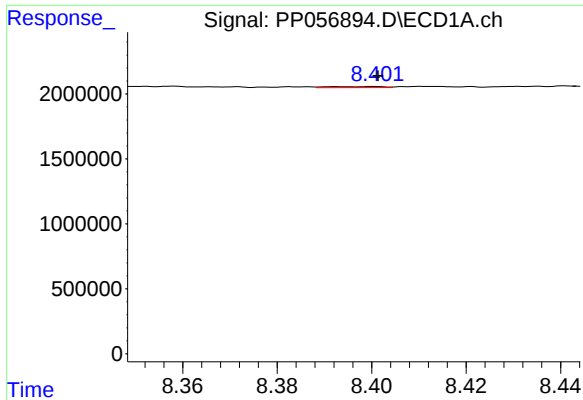
#34 AR-1260-4

R.T.: 8.086 min
Delta R.T.: 0.011 min
Response: 92094
Conc: 1.21 ng/ml



#34 AR-1260-4

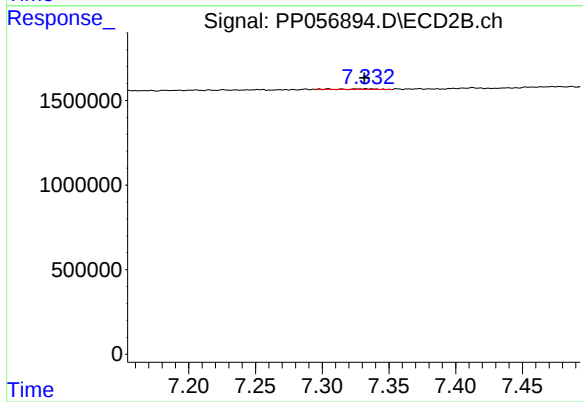
R.T.: 0.000 min
Exp R.T.: 7.090 min
Response: 0
Conc: N.D.



#35 AR-1260-5

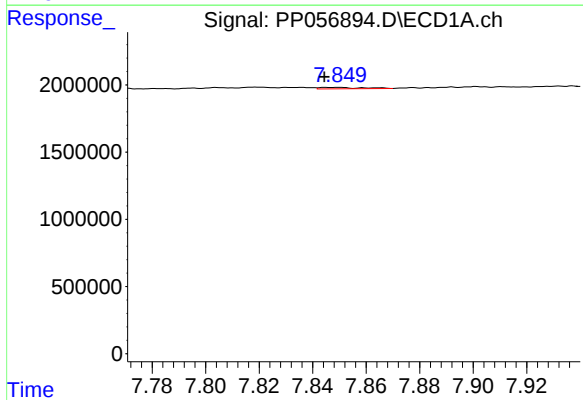
R.T.: 8.393 min
Delta R.T.: -0.009 min
Response: 66513
Conc: 0.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



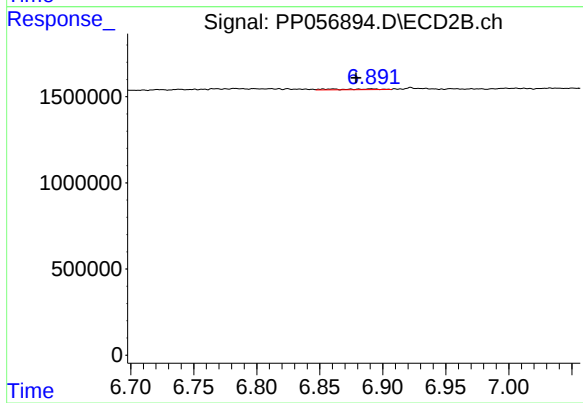
#35 AR-1260-5

R.T.: 7.333 min
Delta R.T.: 0.001 min
Response: 48182
Conc: 0.30 ng/ml



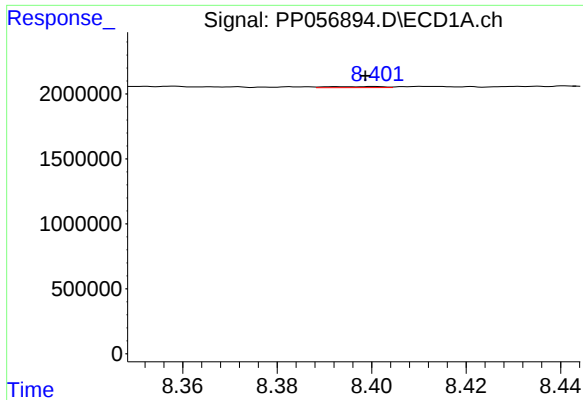
#36 AR-1262-1

R.T.: 7.850 min
Delta R.T.: 0.006 min
Response: 114625
Conc: 1.30 ng/ml



#36 AR-1262-1

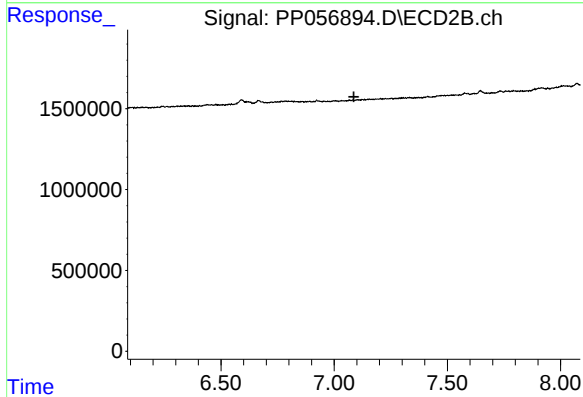
R.T.: 6.891 min
Delta R.T.: 0.013 min
Response: 101592
Conc: 2.17 ng/ml



#37 AR-1262-2

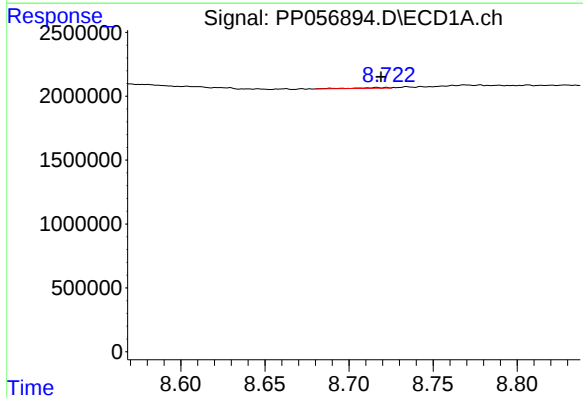
R.T.: 8.393 min
Delta R.T.: -0.006 min
Response: 66513
Conc: 0.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



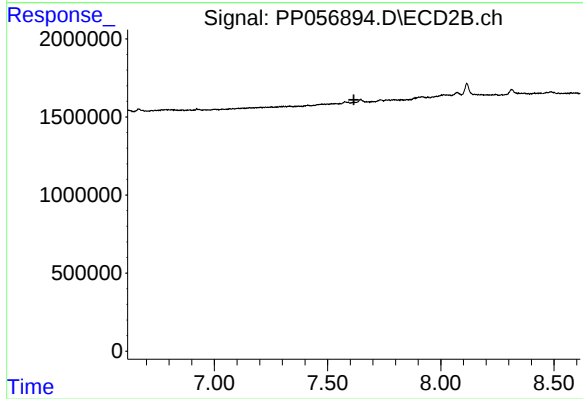
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.087 min
Response: 0
Conc: N.D.



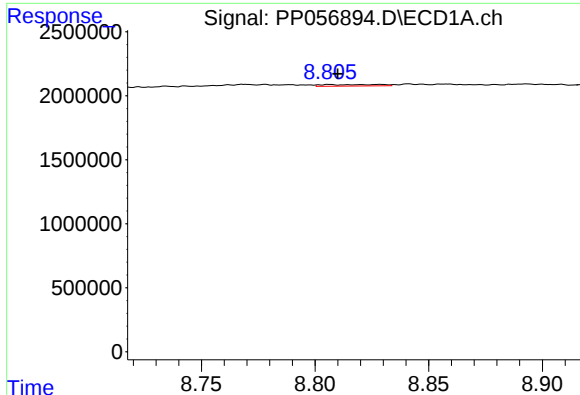
#38 AR-1262-3

R.T.: 8.722 min
Delta R.T.: 0.003 min
Response: 73513
Conc: 0.80 ng/ml



#38 AR-1262-3

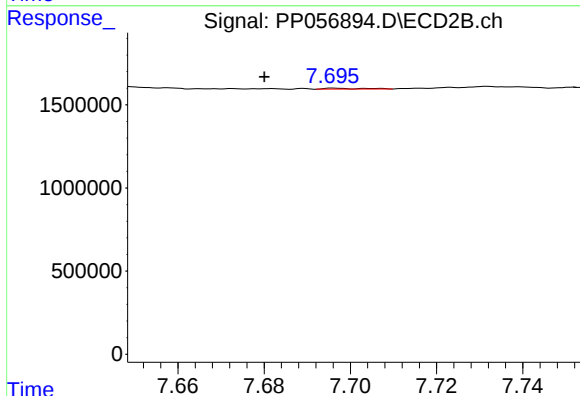
R.T.: 0.000 min
Exp R.T. : 7.616 min
Response: 0
Conc: N.D.



#39 AR-1262-4

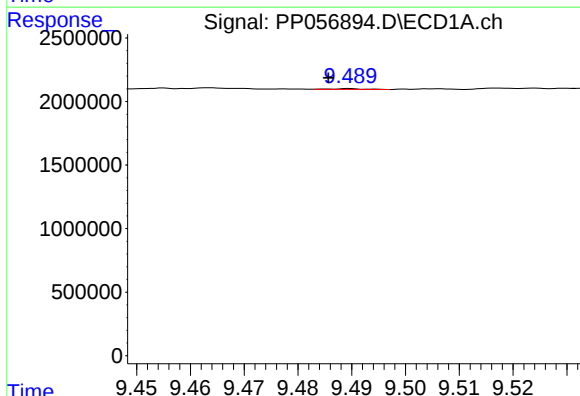
R.T.: 8.807 min
Delta R.T.: -0.003 min
Response: 199875
Conc: 4.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



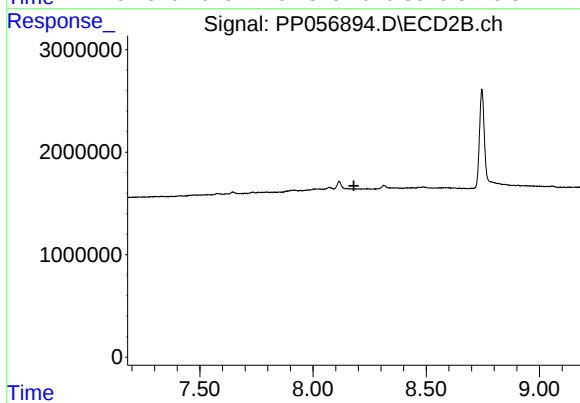
#39 AR-1262-4

R.T.: 7.697 min
Delta R.T.: 0.017 min
Response: 34520
Conc: 0.29 ng/ml



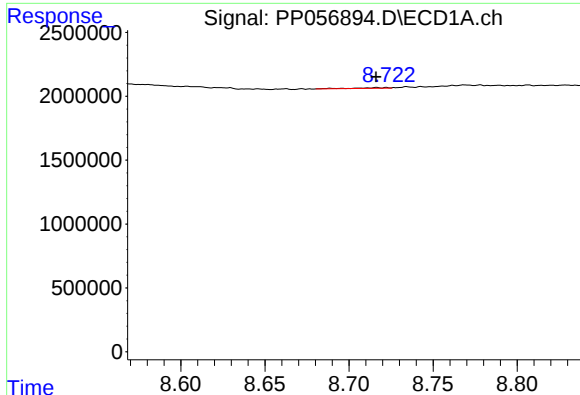
#40 AR-1262-5

R.T.: 9.489 min
Delta R.T.: 0.004 min
Response: 27654
Conc: 0.69 ng/ml



#40 AR-1262-5

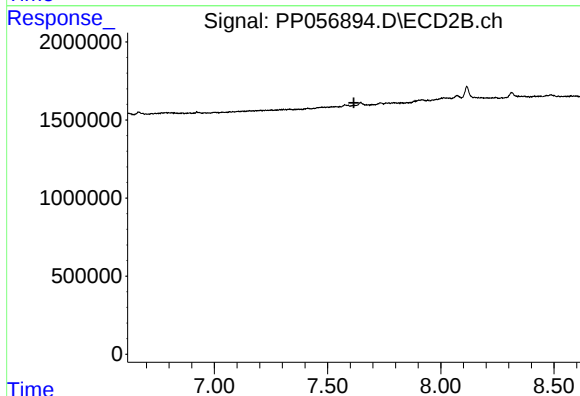
R.T.: 0.000 min
Exp R.T. : 8.180 min
Response: 0
Conc: N.D.



#41 AR-1268-1

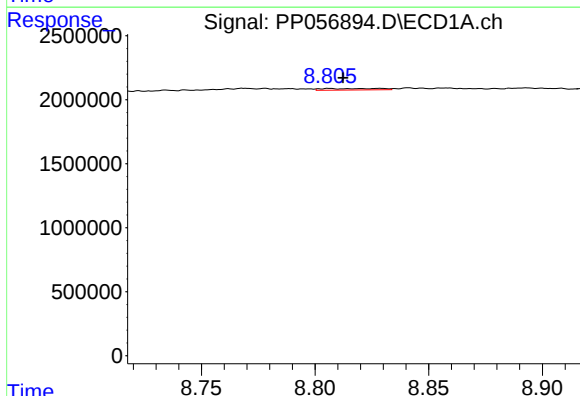
R.T.: 8.722 min
Delta R.T.: 0.006 min
Response: 73513
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



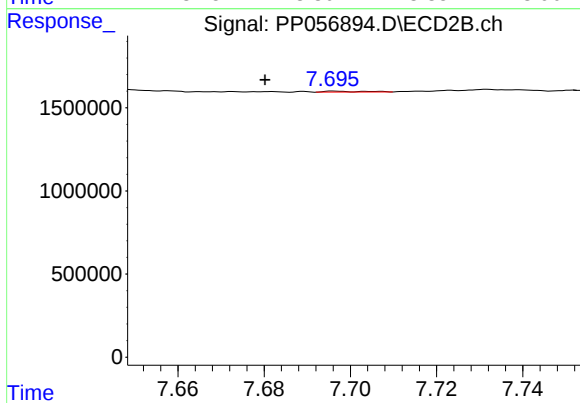
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.616 min
Response: 0
Conc: N.D.



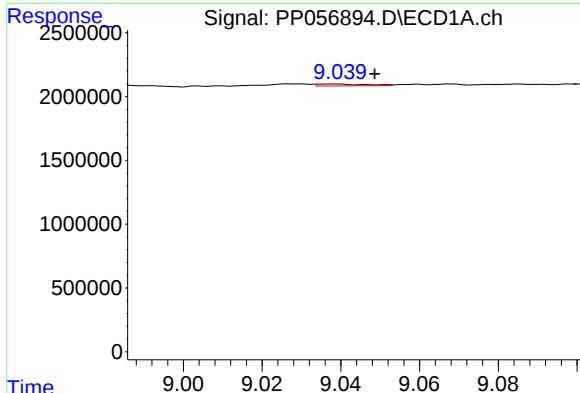
#42 AR-1268-2

R.T.: 8.807 min
Delta R.T.: -0.006 min
Response: 199875
Conc: 1.20 ng/ml



#42 AR-1268-2

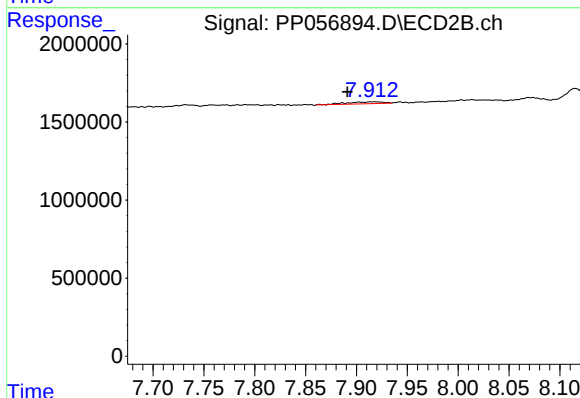
R.T.: 7.697 min
Delta R.T.: 0.017 min
Response: 34520
Conc: 0.18 ng/ml



#43 AR-1268-3

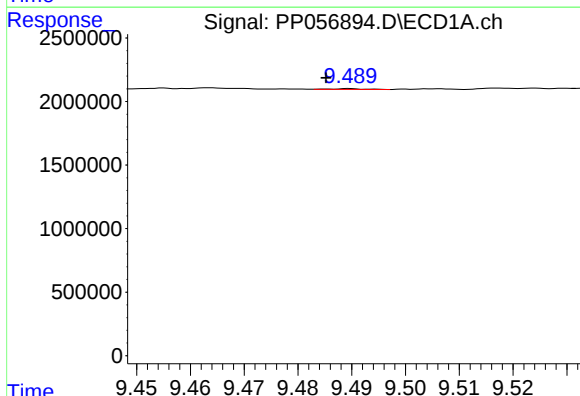
R.T.: 9.038 min
Delta R.T.: -0.010 min
Response: 129585
Conc: 0.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



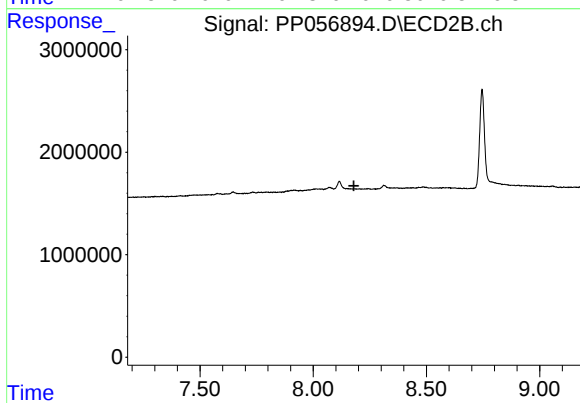
#43 AR-1268-3

R.T.: 7.917 min
Delta R.T.: 0.026 min
Response: 304729
Conc: 1.54 ng/ml



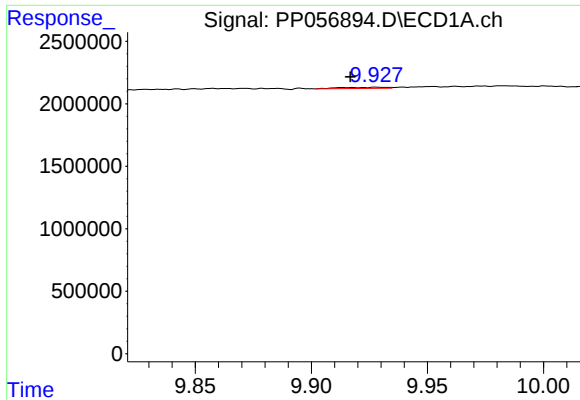
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: 0.004 min
Response: 27654
Conc: 0.60 ng/ml



#44 AR-1268-4

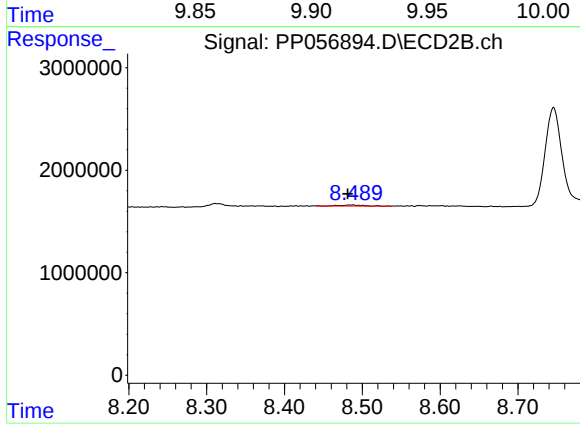
R.T.: 0.000 min
Exp R.T. : 8.180 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.928 min
Delta R.T.: 0.011 min
Response: 125096
Conc: 0.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: 0.005 min
Response: 207085
Conc: 0.41 ng/ml