

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110221\
 Data File : PR052455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 21:41
 Operator : AJ\MA
 Sample : M4412-21
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 04:39:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 16 08:36:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.691	3.858	73344858	56655857	18.672	19.837
2)	SA Decachlor...	10.628	8.867	112.2E6	109.9E6	31.947	32.337
Target Compounds							
3)	L1 AR-1016-1	5.864	0.000	150957	0	1.243	N.D. #
4)	L1 AR-1016-2	5.927	0.000	355841	0	2.056	N.D. #
5)	L1 AR-1016-3	5.964	0.000	154479	0	1.435	N.D. #
6)	L1 AR-1016-4	6.123f	0.000	61104	0	0.693	N.D. #
7)	L1 AR-1016-5	6.347	5.383	309940	574003	3.500	7.922 #
8)	L2 AR-1221-1	4.899	0.000	40451	0	0.882	N.D. #
9)	L2 AR-1221-2	5.006	4.158	912435	734253	18.382	30.392 #
10)	L2 AR-1221-3	5.006f	4.191f	912435	115689	7.853	1.346 #
11)	L3 AR-1232-1	5.006f	4.191f	912435	115689	11.773	1.951 #
12)	L3 AR-1232-2	5.611	0.000	109320	0	2.711	N.D. #
13)	L3 AR-1232-3	5.927	0.000	355841	0	4.762	N.D. #
14)	L3 AR-1232-4	6.123f	0.000	61104	0	1.631	N.D. #
15)	L3 AR-1232-5	6.171	5.383	322358	574003	10.446	20.117 #
16)	L4 AR-1242-1	5.864	0.000	150957	0	1.516	N.D. #
17)	L4 AR-1242-2	5.927	0.000	355841	0	2.529	N.D. #
18)	L4 AR-1242-3	5.964	0.000	154479	0	1.756	N.D. #
19)	L4 AR-1242-4	6.123f	0.000	61104	0	0.857	N.D. #
20)	L4 AR-1242-5	6.777	0.000	253478	0	3.324	N.D. #
21)	L5 AR-1248-1	5.864	0.000	150957	0	2.067	N.D. #
22)	L5 AR-1248-2	6.171	0.000	322358	0	3.006	N.D. #
23)	L5 AR-1248-3	6.347	0.000	309940	0	2.659	N.D. #
24)	L5 AR-1248-4	6.777	5.383	253478	574003	1.985	6.105 #
25)	L5 AR-1248-5	6.777	0.000	253478	0	2.057	N.D. #
26)	L6 AR-1254-1	6.732	0.000	54165	0	0.407	N.D. #
27)	L6 AR-1254-2	6.968	0.000	92387	0	0.447	N.D. #
28)	L6 AR-1254-3	7.359	6.271	517908	270838	2.470	1.275 #
29)	L6 AR-1254-4	7.645	6.580f	144563	320743	0.919	2.483 #
30)	L6 AR-1254-5	0.000	6.992f	0	689687	N.D.	3.767 #
31)	L7 AR-1260-1	7.503	0.000	111047	0	0.743	N.D. #
32)	L7 AR-1260-2	7.801f	6.597	96210	48864	0.538	0.326 #
33)	L7 AR-1260-3	0.000	6.819f	0	286379	N.D.	1.931 #
34)	L7 AR-1260-4	8.335	7.186f	764993	627630	4.623	5.171
35)	L7 AR-1260-5	0.000	7.473	0	112551	N.D.	0.363 #
36)	L8 AR-1262-1	0.000	6.819f	0	286379	N.D.	2.267 #
37)	L8 AR-1262-2	0.000	7.473	0	112551	N.D.	0.331 #
38)	L8 AR-1262-3	9.049f	0.000	1220134	0	7.207	N.D. #
39)	L8 AR-1262-4	9.049f	0.000	1220134	0	10.309	N.D. #
40)	L8 AR-1262-5	9.870f	0.000	483821	0	3.265	N.D. #
41)	L9 AR-1268-1	9.049f	0.000	1220134	0	2.747	N.D. #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.049f	0.000	1220134	0	3.010	N.D. #
43) L9	AR-1268-3	9.347	8.012	995361	457325	2.841	1.343 #
44) L9	AR-1268-4	9.870f	0.000	483821	0	2.970	N.D. #
45) L9	AR-1268-5	10.267	8.604	1238849	766845	1.086	0.649 #

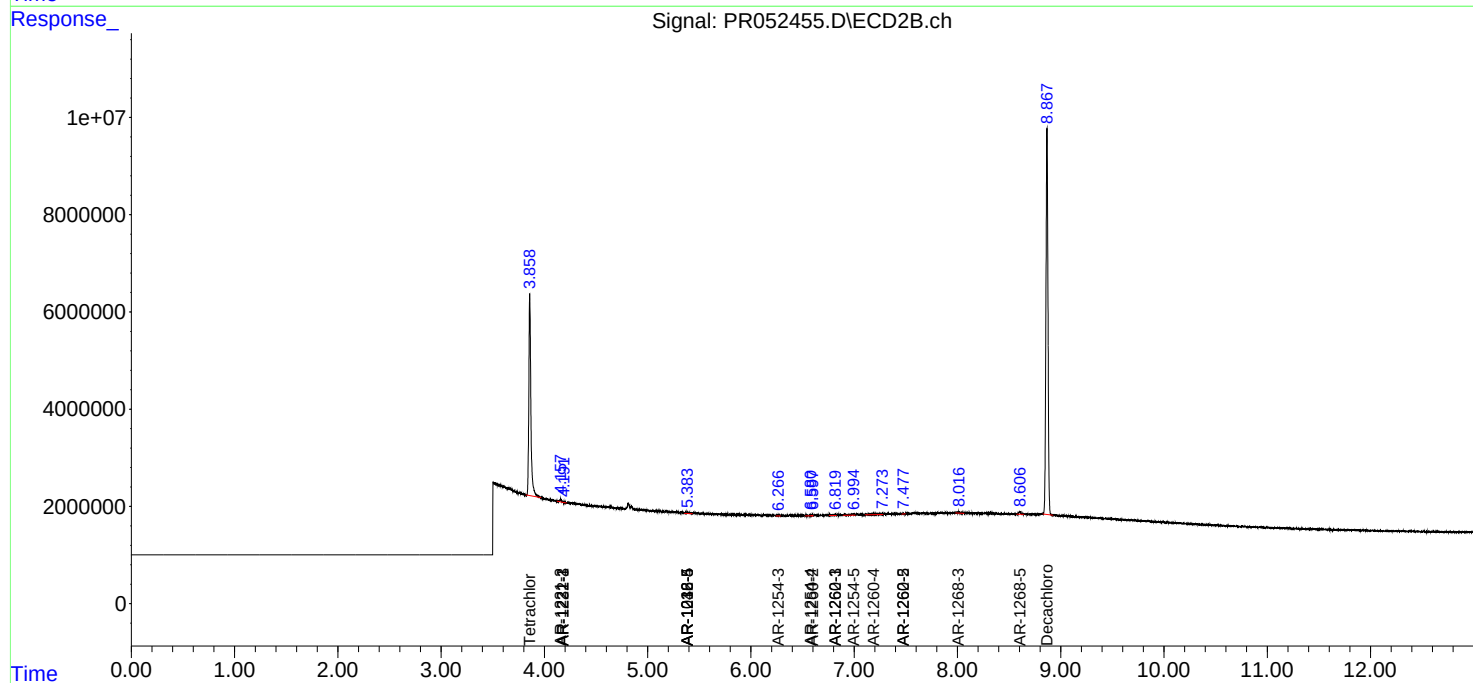
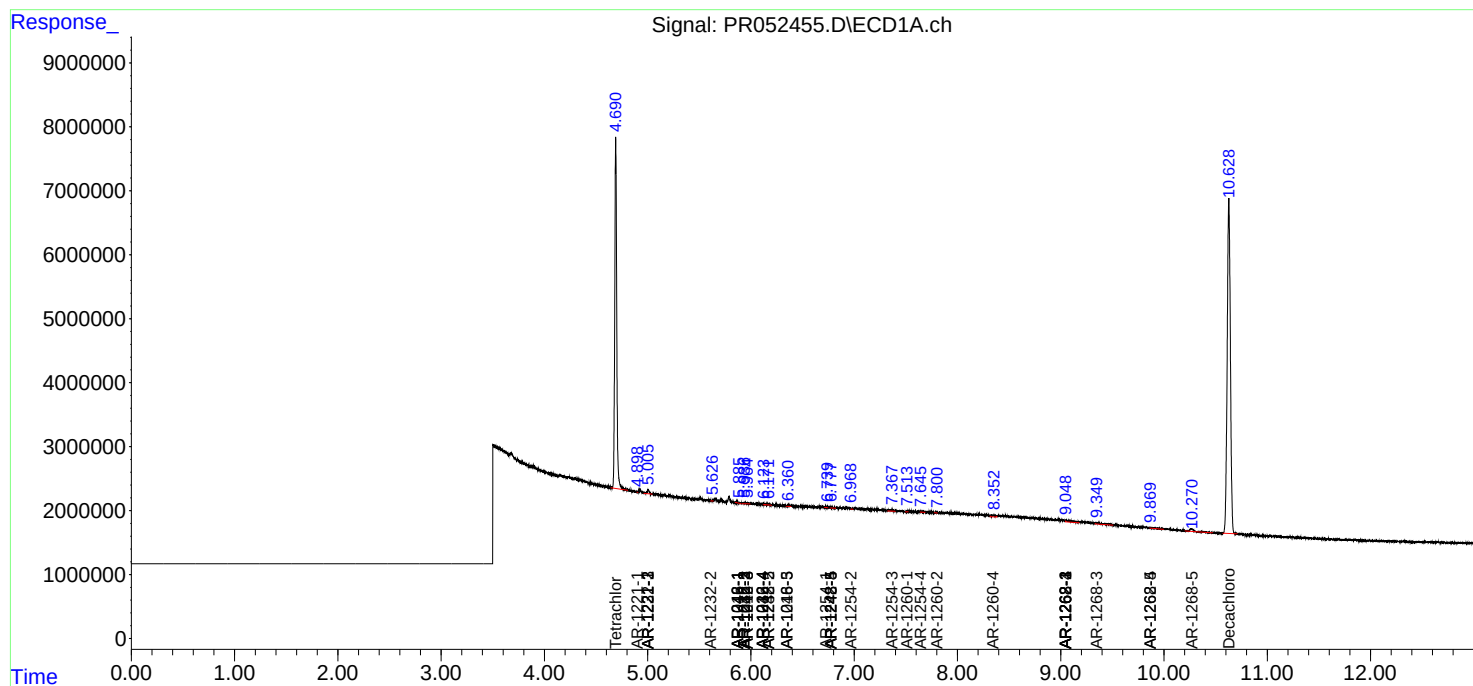
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

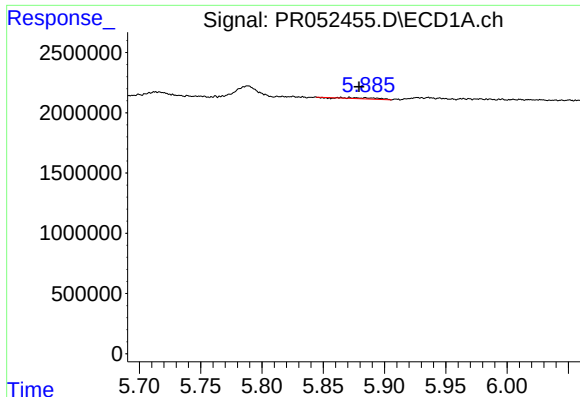
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

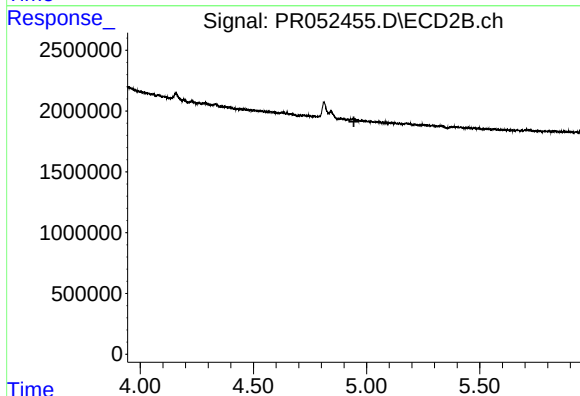




#3 AR-1016-1

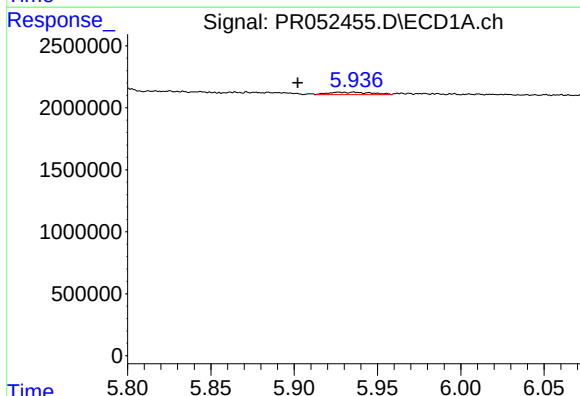
R.T.: 5.864 min
Delta R.T.: -0.015 min
Response: 150957
Conc: 1.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



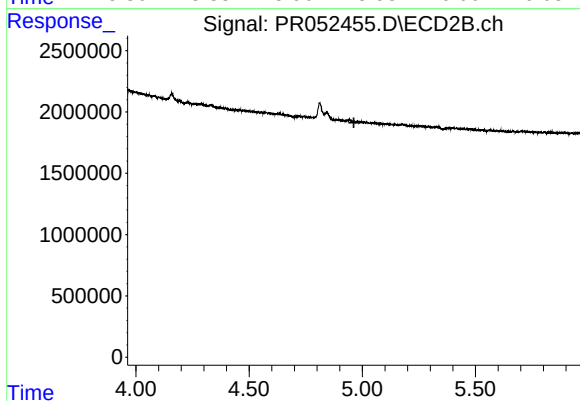
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.944 min
Response: 0
Conc: N.D.



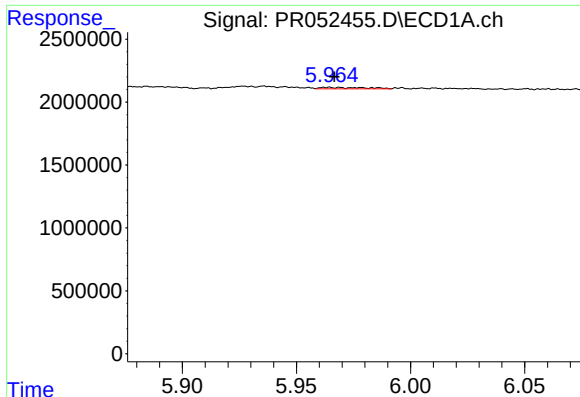
#4 AR-1016-2

R.T.: 5.927 min
Delta R.T.: 0.025 min
Response: 355841
Conc: 2.06 ng/ml



#4 AR-1016-2

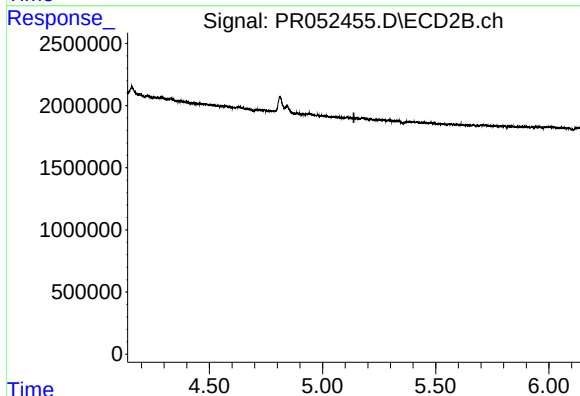
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#5 AR-1016-3

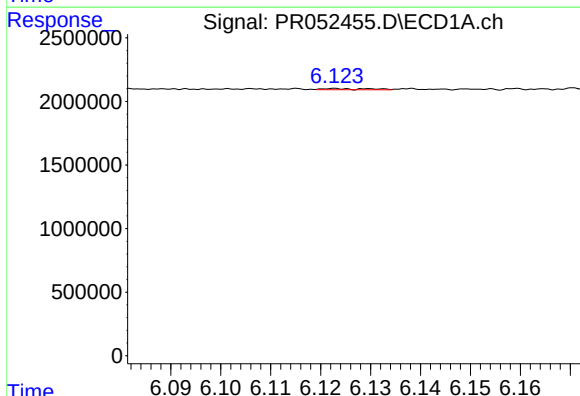
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 154479
Conc: 1.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



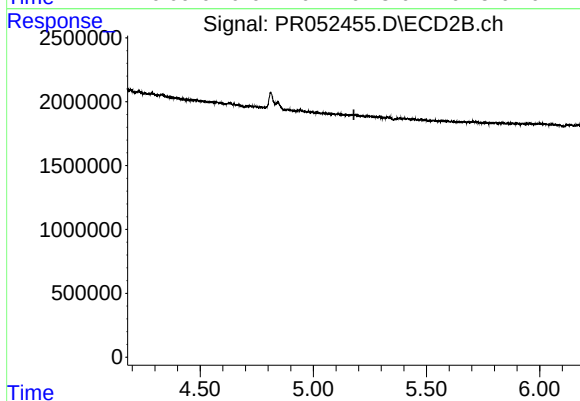
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



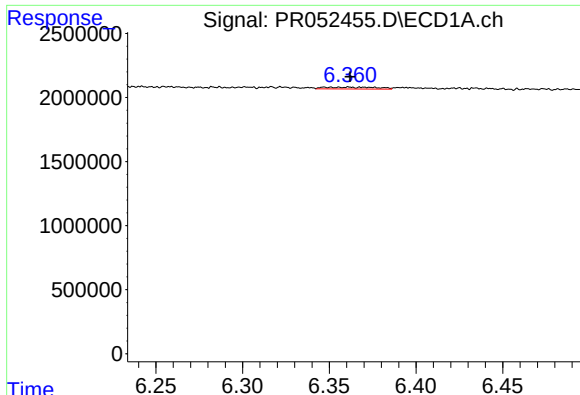
#6 AR-1016-4

R.T.: 6.123 min
Delta R.T.: 0.055 min
Response: 61104
Conc: 0.69 ng/ml



#6 AR-1016-4

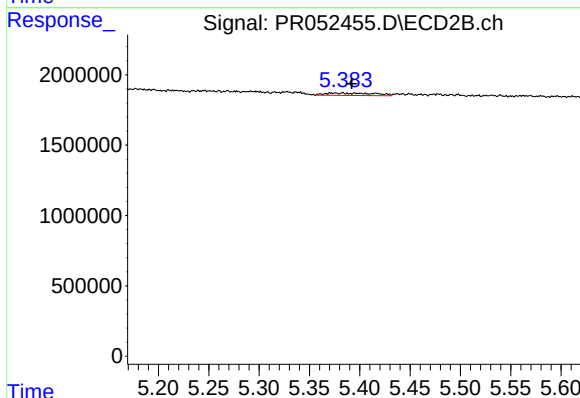
R.T.: 0.000 min
Exp R.T. : 5.179 min
Response: 0
Conc: N.D.



#7 AR-1016-5

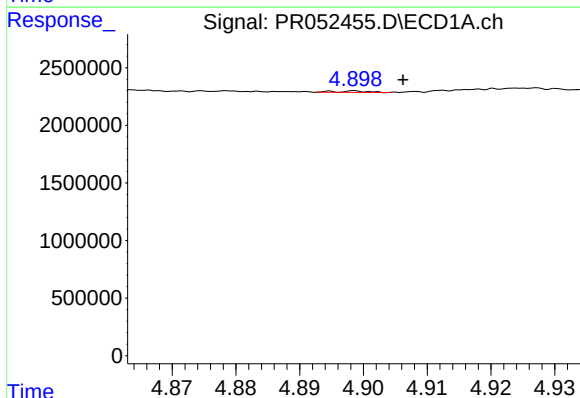
R.T.: 6.347 min
Delta R.T.: -0.015 min
Response: 309940
Conc: 3.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



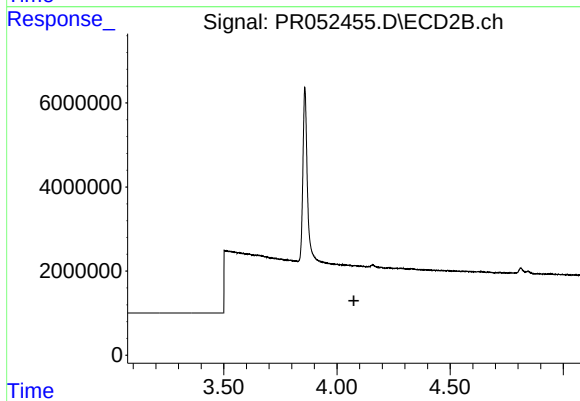
#7 AR-1016-5

R.T.: 5.383 min
Delta R.T.: -0.009 min
Response: 574003
Conc: 7.92 ng/ml



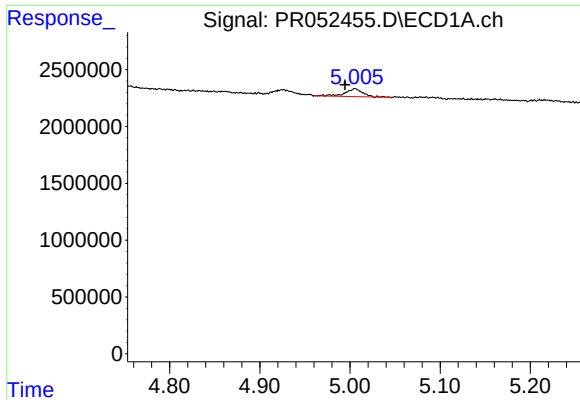
#8 AR-1221-1

R.T.: 4.899 min
Delta R.T.: -0.007 min
Response: 40451
Conc: 0.88 ng/ml



#8 AR-1221-1

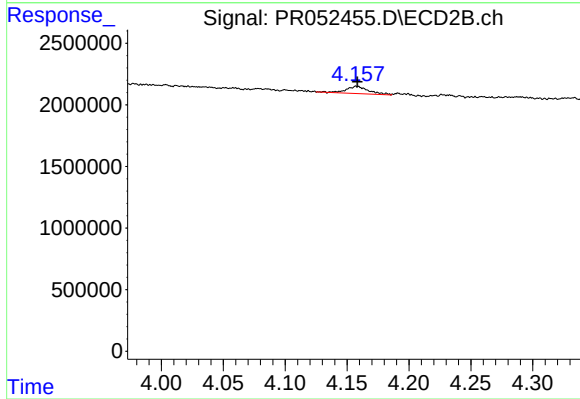
R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#9 AR-1221-2

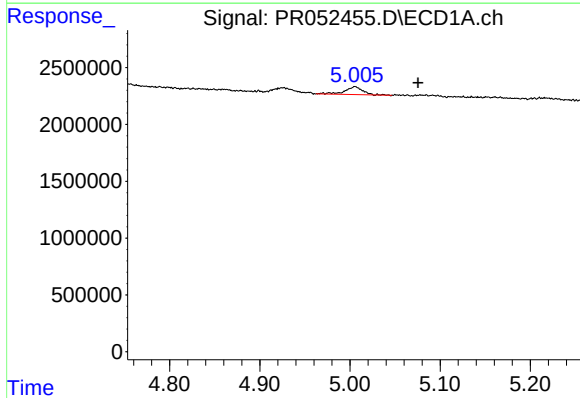
R.T.: 5.006 min
Delta R.T.: 0.011 min
Response: 912435
Conc: 18.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



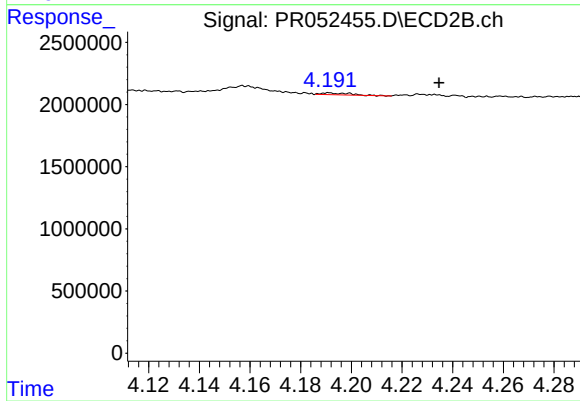
#9 AR-1221-2

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 734253
Conc: 30.39 ng/ml



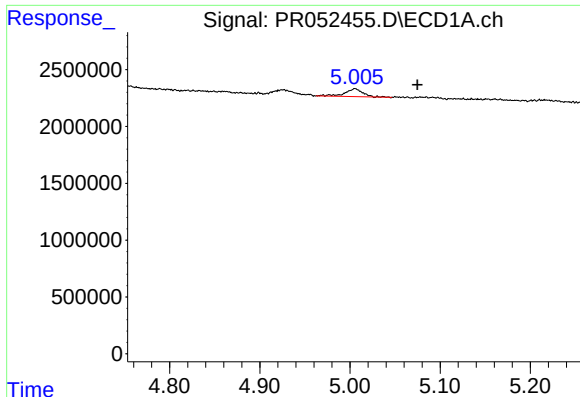
#10 AR-1221-3

R.T.: 5.006 min
Delta R.T.: -0.070 min
Response: 912435
Conc: 7.85 ng/ml



#10 AR-1221-3

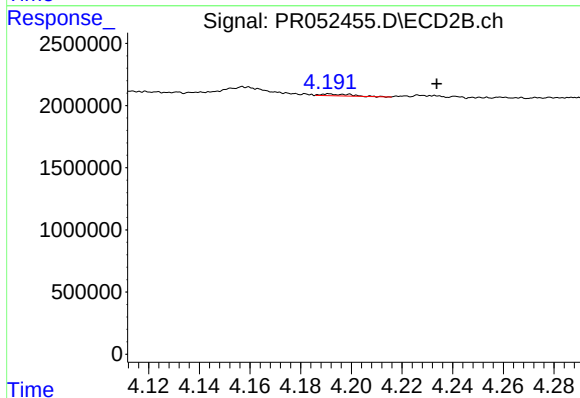
R.T.: 4.191 min
Delta R.T.: -0.043 min
Response: 115689
Conc: 1.35 ng/ml



#11 AR-1232-1

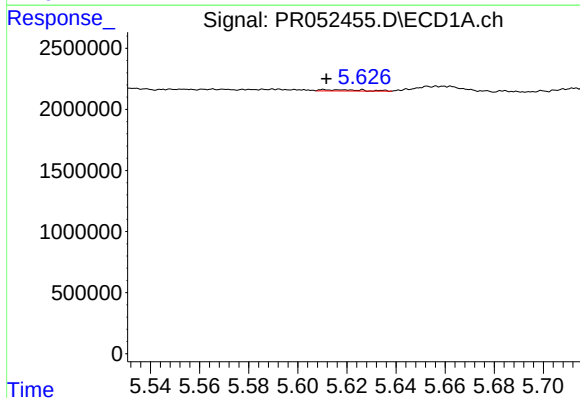
R.T.: 5.006 min
Delta R.T.: -0.069 min
Response: 912435
Conc: 11.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



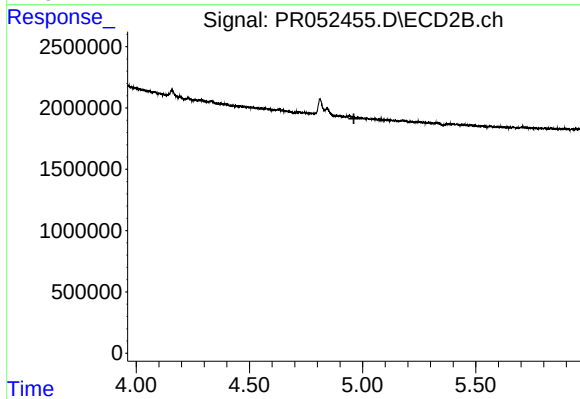
#11 AR-1232-1

R.T.: 4.191 min
Delta R.T.: -0.042 min
Response: 115689
Conc: 1.95 ng/ml



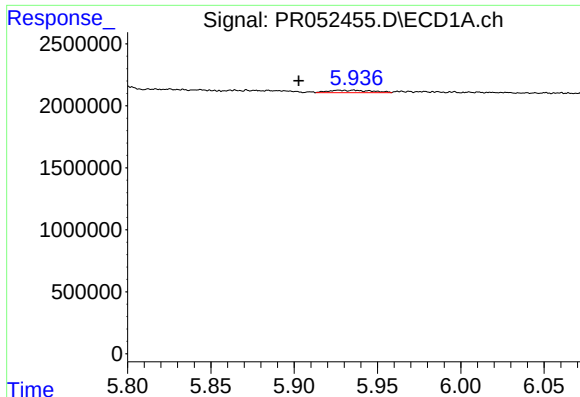
#12 AR-1232-2

R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 109320
Conc: 2.71 ng/ml



#12 AR-1232-2

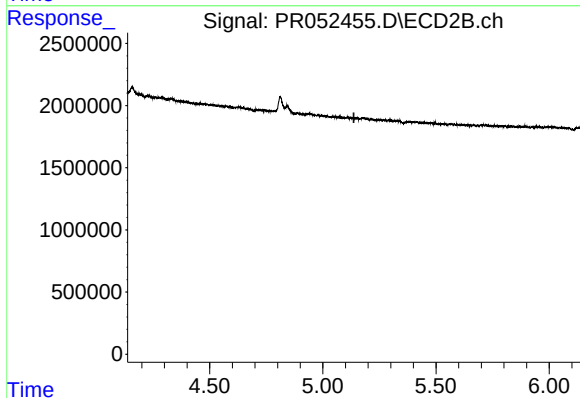
R.T.: 0.000 min
Exp R.T.: 4.962 min
Response: 0
Conc: N.D.



#13 AR-1232-3

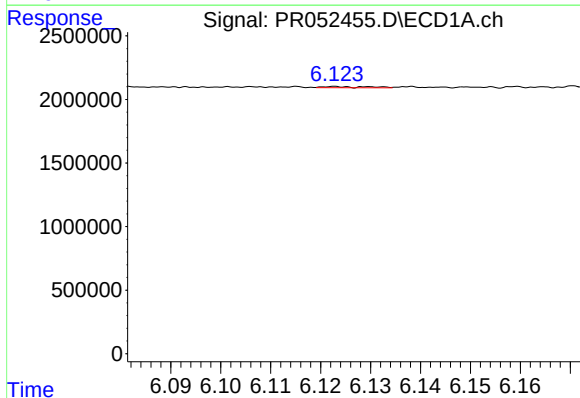
R.T.: 5.927 min
Delta R.T.: 0.024 min
Response: 355841
Conc: 4.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



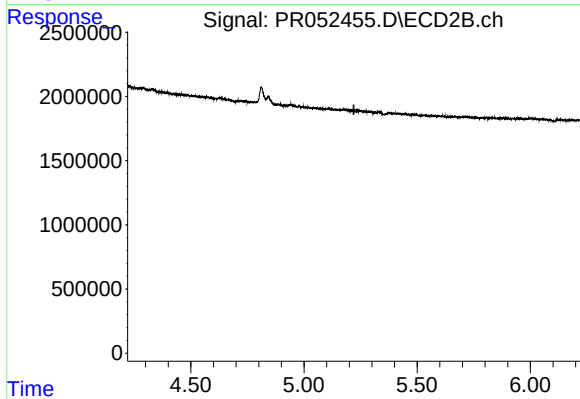
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.137 min
Response: 0
Conc: N.D.



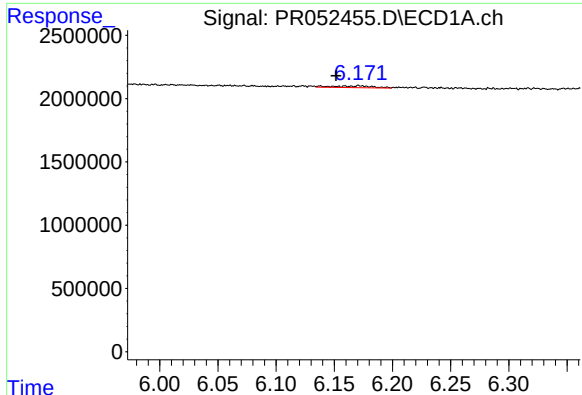
#14 AR-1232-4

R.T.: 6.123 min
Delta R.T.: 0.054 min
Response: 61104
Conc: 1.63 ng/ml



#14 AR-1232-4

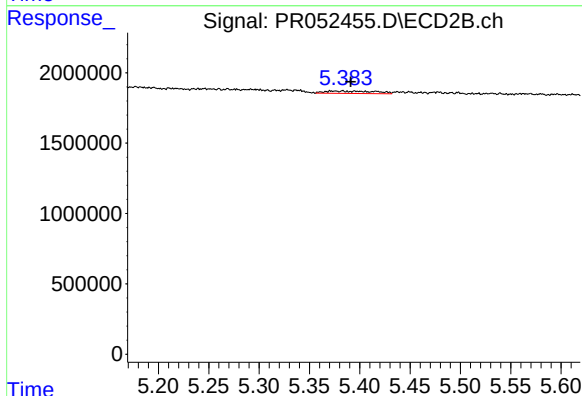
R.T.: 0.000 min
Exp R.T. : 5.220 min
Response: 0
Conc: N.D.



#15 AR-1232-5

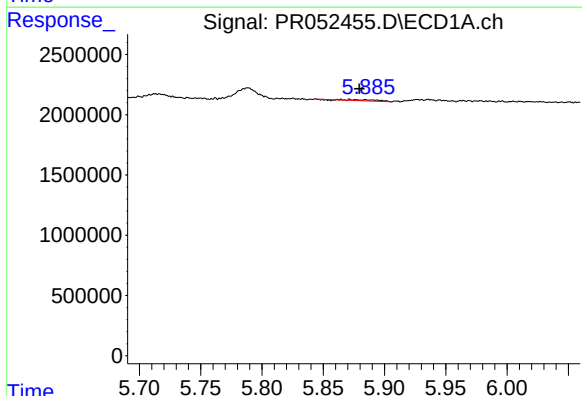
R.T.: 6.171 min
Delta R.T.: 0.020 min
Response: 322358
Conc: 10.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



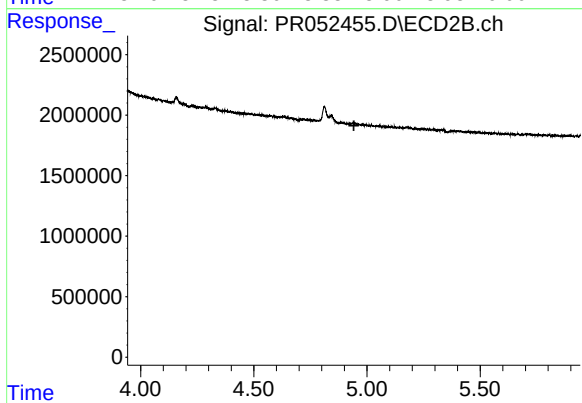
#15 AR-1232-5

R.T.: 5.383 min
Delta R.T.: -0.008 min
Response: 574003
Conc: 20.12 ng/ml



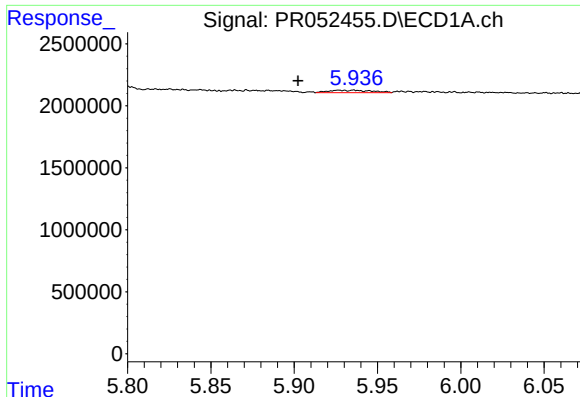
#16 AR-1242-1

R.T.: 5.864 min
Delta R.T.: -0.015 min
Response: 150957
Conc: 1.52 ng/ml



#16 AR-1242-1

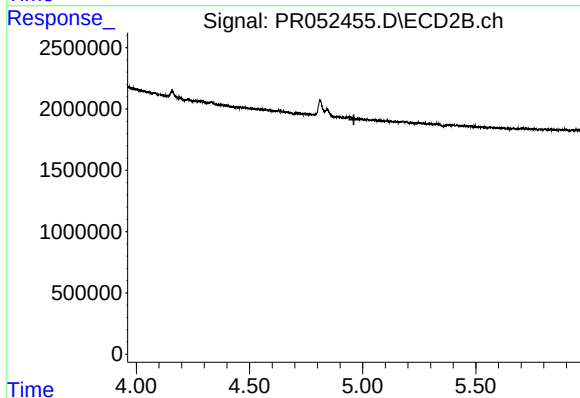
R.T.: 0.000 min
Exp R.T.: 4.942 min
Response: 0
Conc: N.D.



#17 AR-1242-2

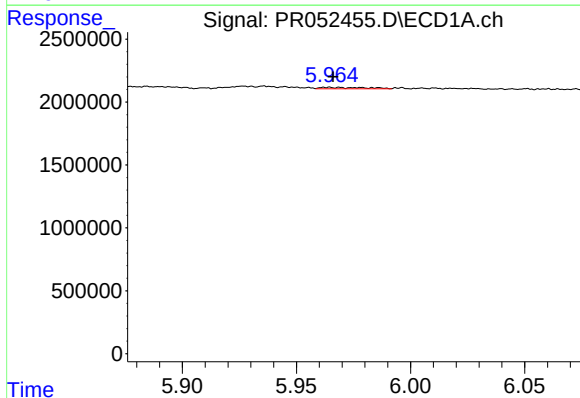
R.T.: 5.927 min
Delta R.T.: 0.024 min
Response: 355841
Conc: 2.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



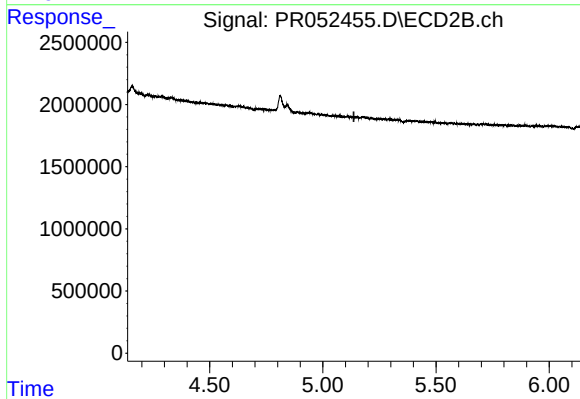
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.961 min
Response: 0
Conc: N.D.



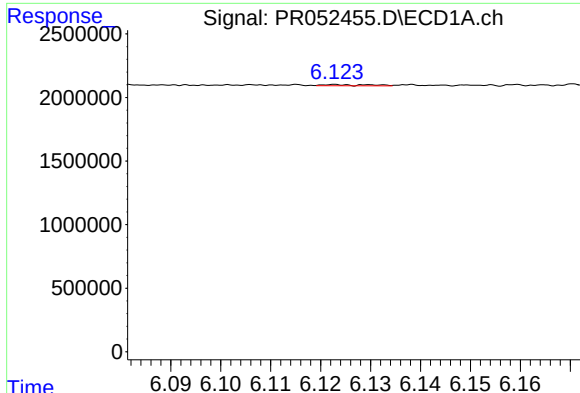
#18 AR-1242-3

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 154479
Conc: 1.76 ng/ml



#18 AR-1242-3

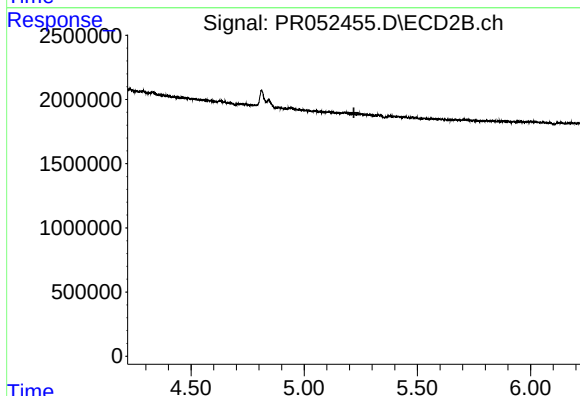
R.T.: 0.000 min
Exp R.T. : 5.137 min
Response: 0
Conc: N.D.



#19 AR-1242-4

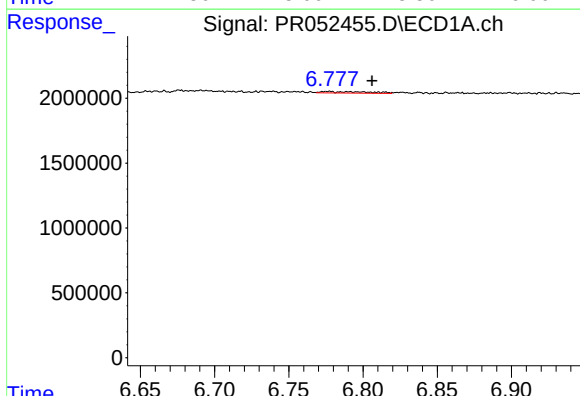
R.T.: 6.123 min
Delta R.T.: 0.054 min
Response: 61104
Conc: 0.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



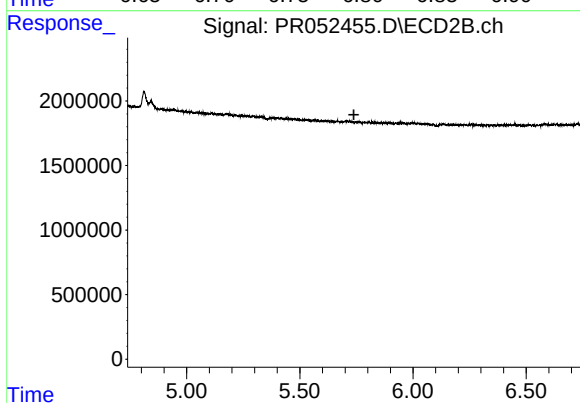
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.220 min
Response: 0
Conc: N.D.



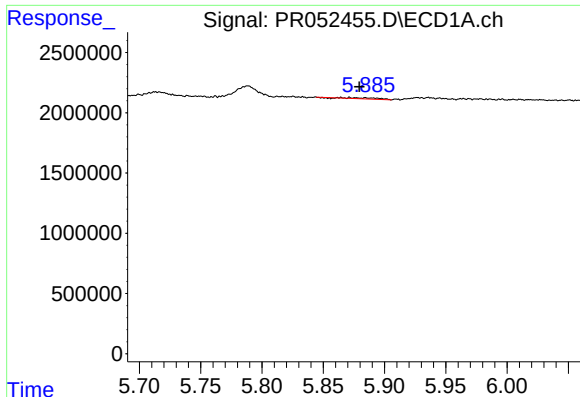
#20 AR-1242-5

R.T.: 6.777 min
Delta R.T.: -0.029 min
Response: 253478
Conc: 3.32 ng/ml



#20 AR-1242-5

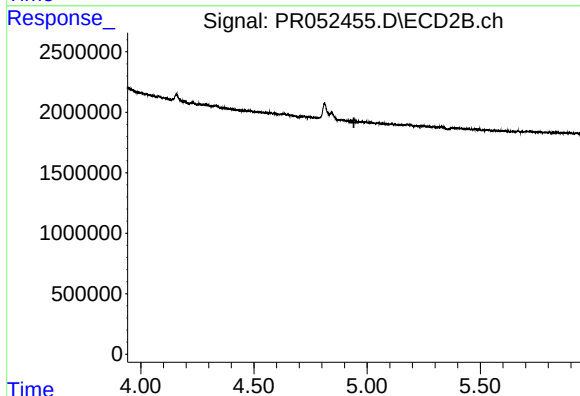
R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#21 AR-1248-1

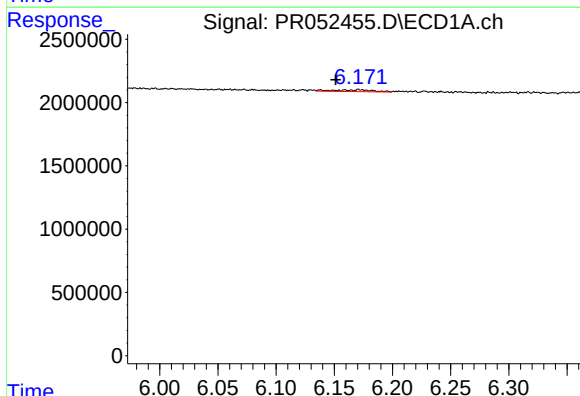
R.T.: 5.864 min
Delta R.T.: -0.015 min
Response: 150957
Conc: 2.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



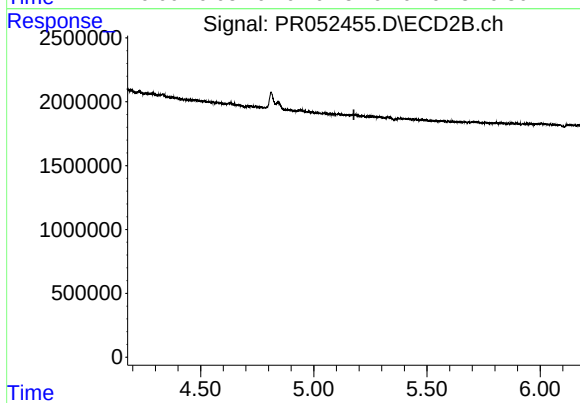
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



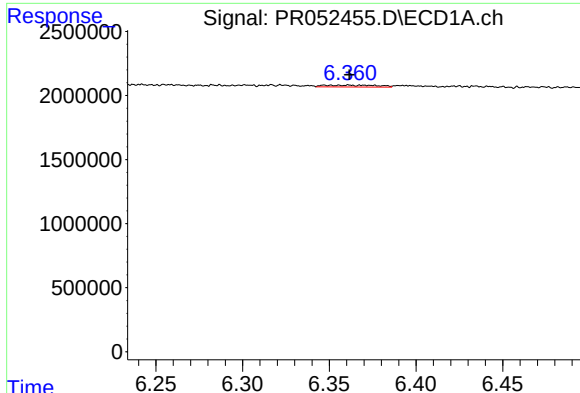
#22 AR-1248-2

R.T.: 6.171 min
Delta R.T.: 0.020 min
Response: 322358
Conc: 3.01 ng/ml



#22 AR-1248-2

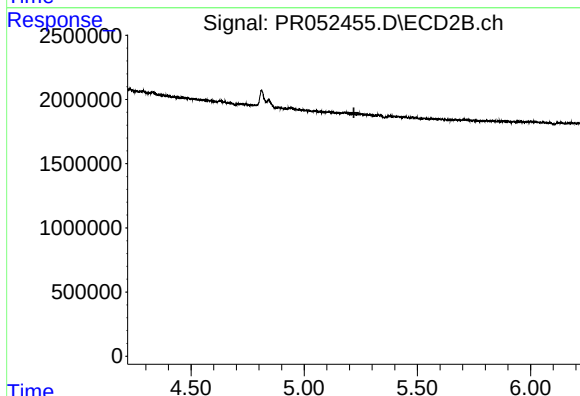
R.T.: 0.000 min
Exp R.T. : 5.177 min
Response: 0
Conc: N.D.



#23 AR-1248-3

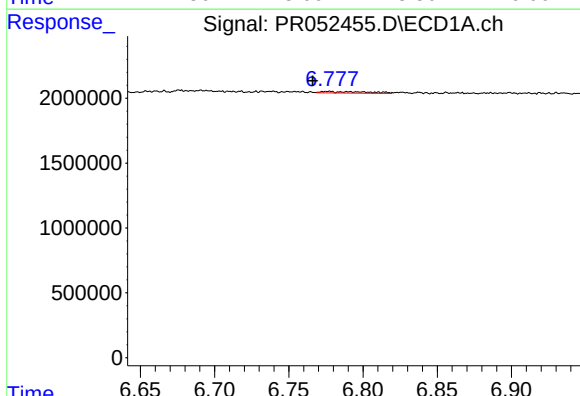
R.T.: 6.347 min
Delta R.T.: -0.014 min
Response: 309940
Conc: 2.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



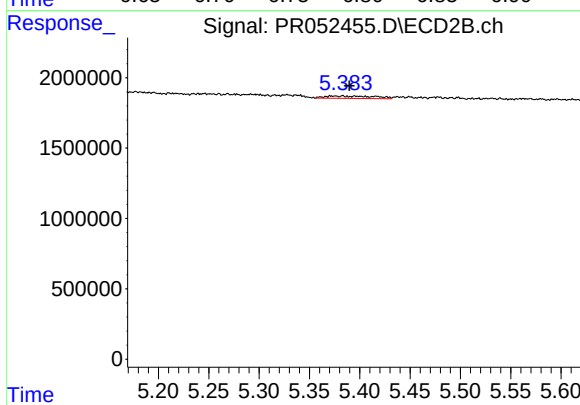
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.219 min
Response: 0
Conc: N.D.



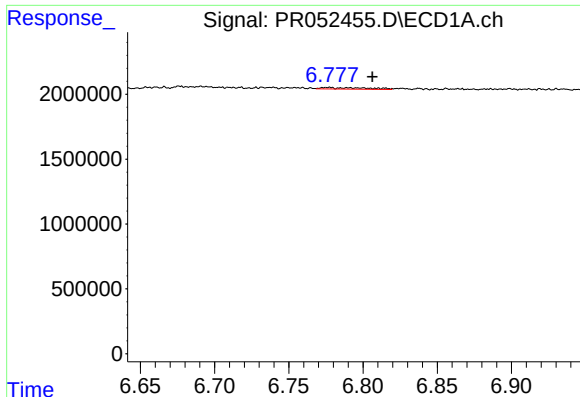
#24 AR-1248-4

R.T.: 6.777 min
Delta R.T.: 0.011 min
Response: 253478
Conc: 1.99 ng/ml



#24 AR-1248-4

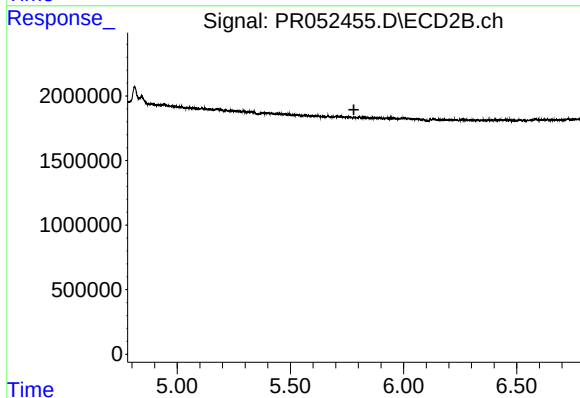
R.T.: 5.383 min
Delta R.T.: -0.007 min
Response: 574003
Conc: 6.10 ng/ml



#25 AR-1248-5

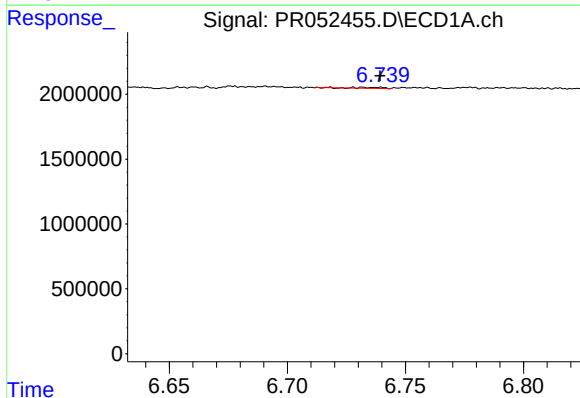
R.T.: 6.777 min
Delta R.T.: -0.029 min
Response: 253478
Conc: 2.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



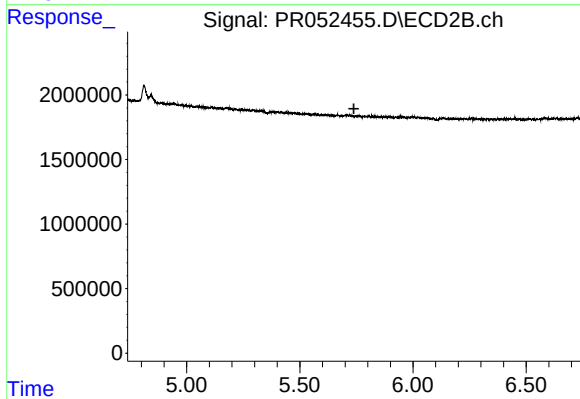
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.781 min
Response: 0
Conc: N.D.



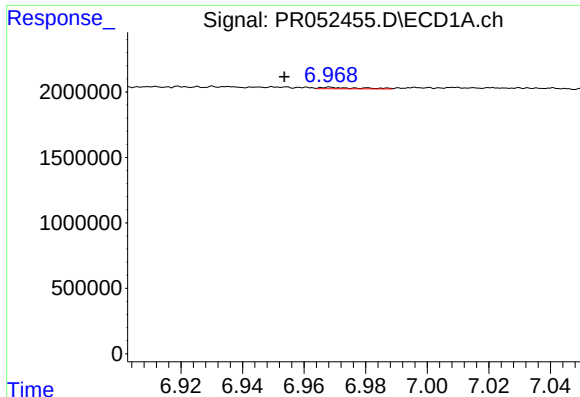
#26 AR-1254-1

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 54165
Conc: 0.41 ng/ml



#26 AR-1254-1

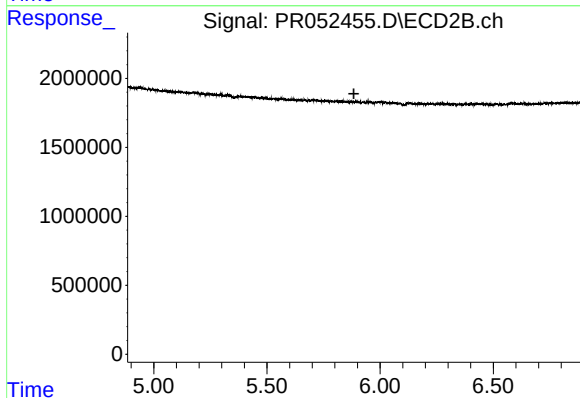
R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#27 AR-1254-2

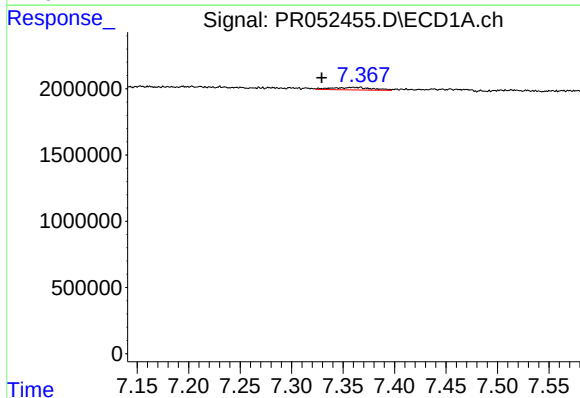
R.T.: 6.968 min
Delta R.T.: 0.015 min
Response: 92387
Conc: 0.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



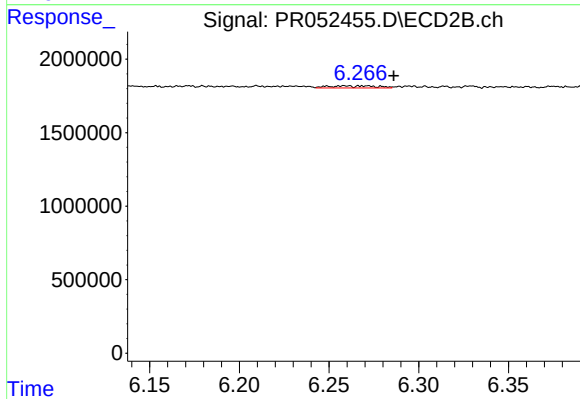
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.884 min
Response: 0
Conc: N.D.



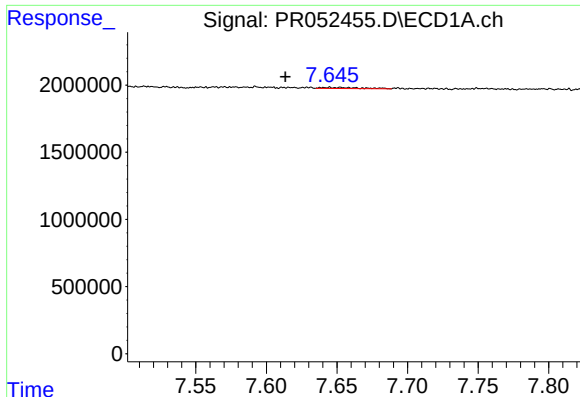
#28 AR-1254-3

R.T.: 7.359 min
Delta R.T.: 0.030 min
Response: 517908
Conc: 2.47 ng/ml



#28 AR-1254-3

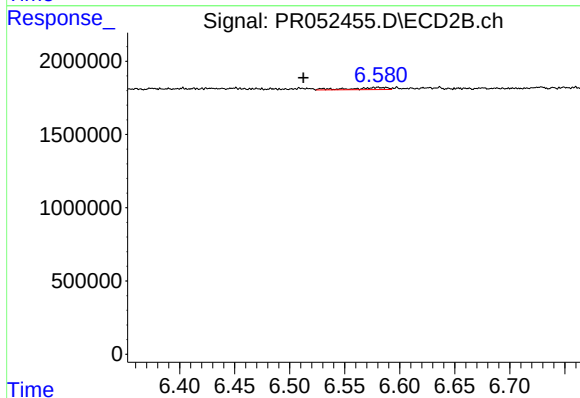
R.T.: 6.271 min
Delta R.T.: -0.015 min
Response: 270838
Conc: 1.27 ng/ml



#29 AR-1254-4

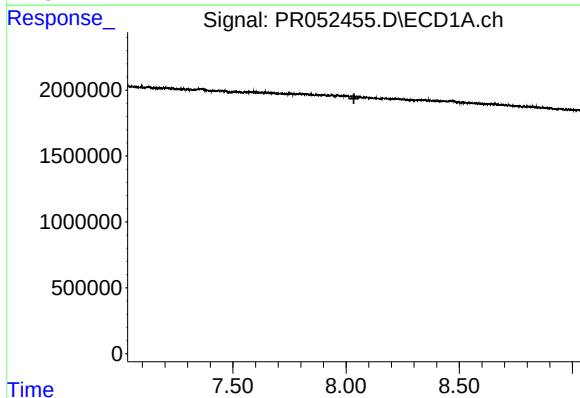
R.T.: 7.645 min
Delta R.T.: 0.031 min
Response: 144563
Conc: 0.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



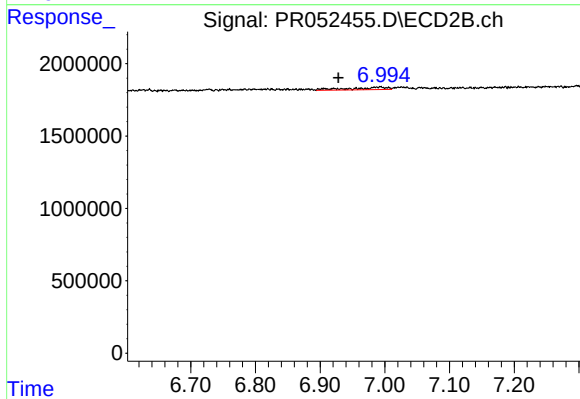
#29 AR-1254-4

R.T.: 6.580 min
Delta R.T.: 0.068 min
Response: 320743
Conc: 2.48 ng/ml



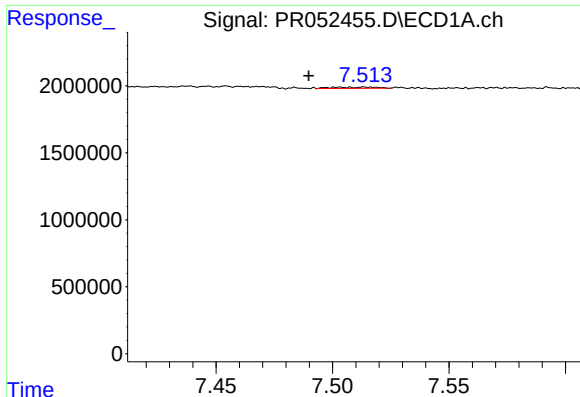
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.035 min
Response: 0
Conc: N.D.



#30 AR-1254-5

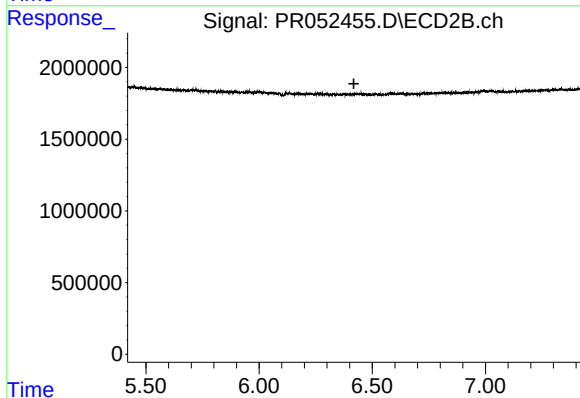
R.T.: 6.992 min
Delta R.T.: 0.064 min
Response: 689687
Conc: 3.77 ng/ml



#31 AR-1260-1

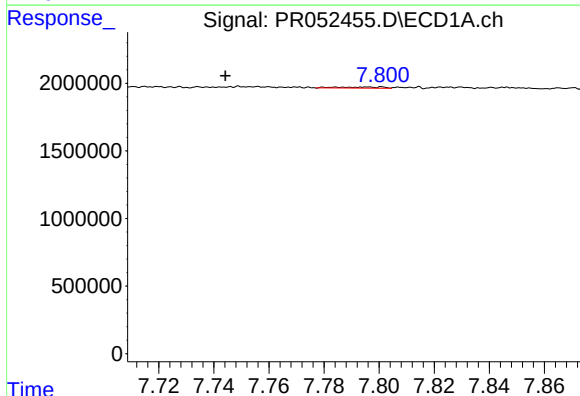
R.T.: 7.503 min
Delta R.T.: 0.013 min
Response: 111047
Conc: 0.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



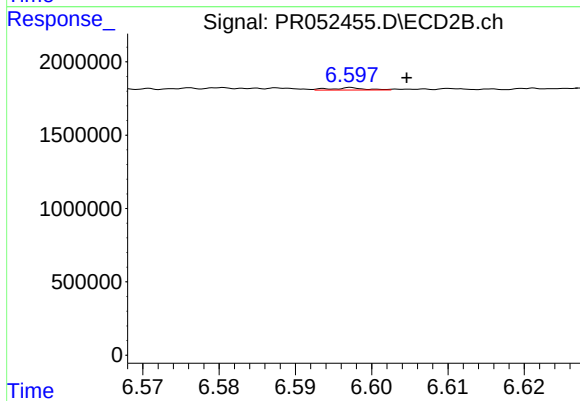
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.419 min
Response: 0
Conc: N.D.



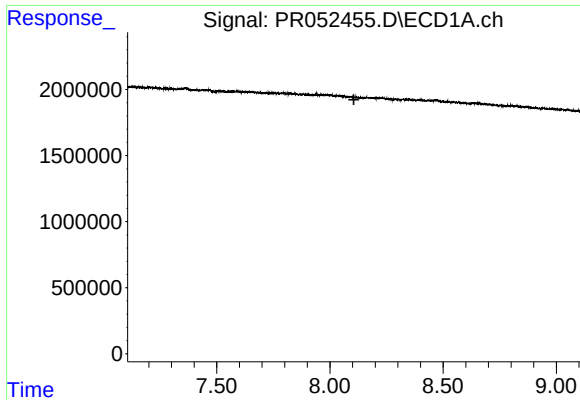
#32 AR-1260-2

R.T.: 7.801 min
Delta R.T.: 0.056 min
Response: 96210
Conc: 0.54 ng/ml



#32 AR-1260-2

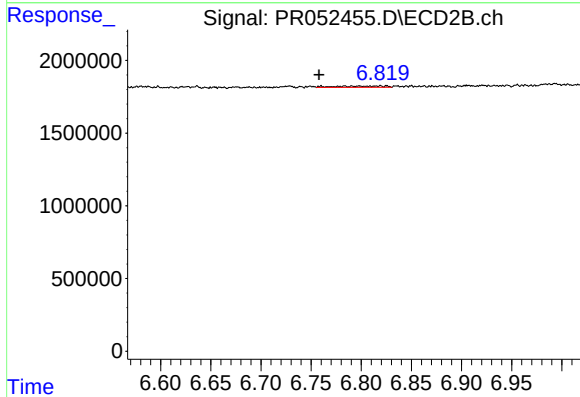
R.T.: 6.597 min
Delta R.T.: -0.007 min
Response: 48864
Conc: 0.33 ng/ml



#33 AR-1260-3

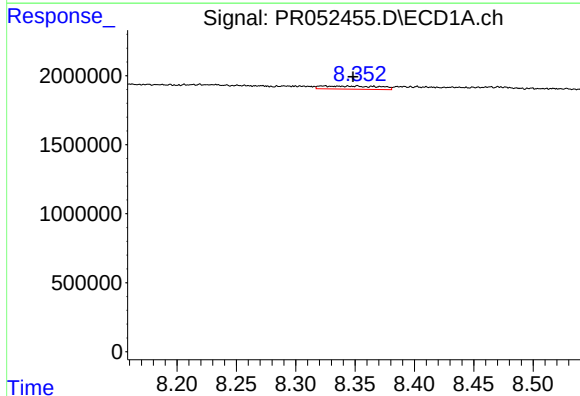
R.T.: 0.000 min
Exp R.T.: 8.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



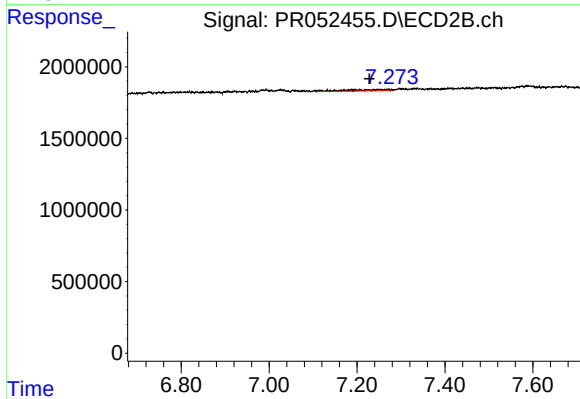
#33 AR-1260-3

R.T.: 6.819 min
Delta R.T.: 0.061 min
Response: 286379
Conc: 1.93 ng/ml



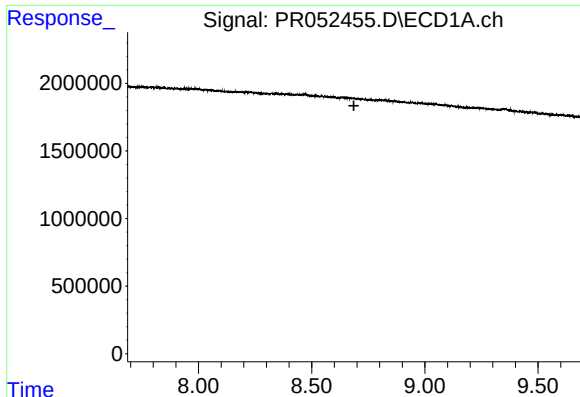
#34 AR-1260-4

R.T.: 8.335 min
Delta R.T.: -0.013 min
Response: 764993
Conc: 4.62 ng/ml



#34 AR-1260-4

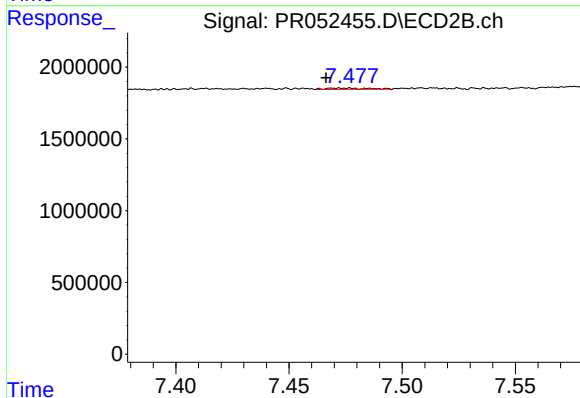
R.T.: 7.186 min
Delta R.T.: -0.042 min
Response: 627630
Conc: 5.17 ng/ml



#35 AR-1260-5

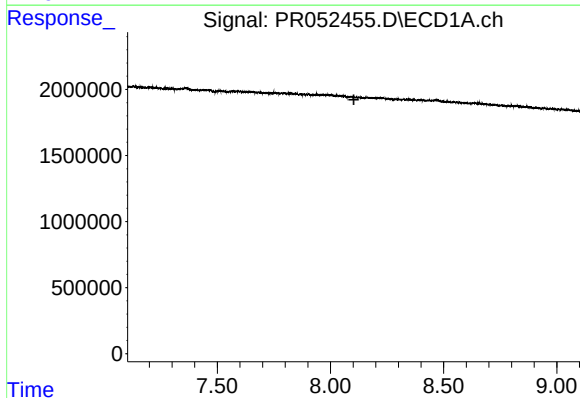
R.T.: 0.000 min
Exp R.T.: 8.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



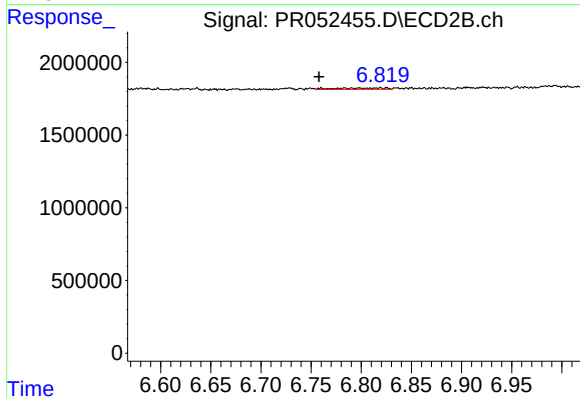
#35 AR-1260-5

R.T.: 7.473 min
Delta R.T.: 0.006 min
Response: 112551
Conc: 0.36 ng/ml



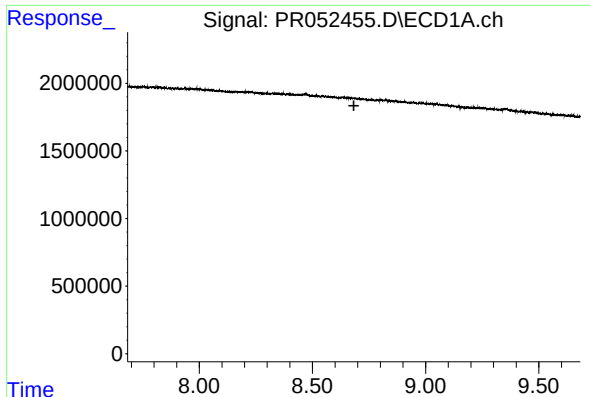
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.104 min
Response: 0
Conc: N.D.



#36 AR-1262-1

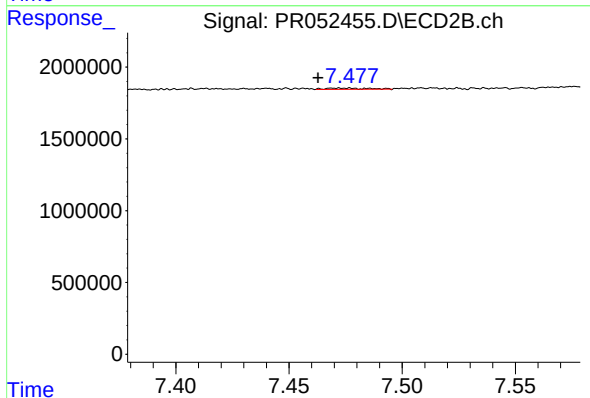
R.T.: 6.819 min
Delta R.T.: 0.061 min
Response: 286379
Conc: 2.27 ng/ml



#37 AR-1262-2

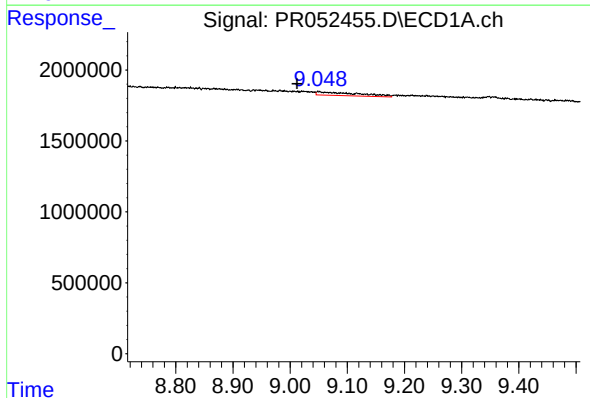
R.T.: 0.000 min
Exp R.T.: 8.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



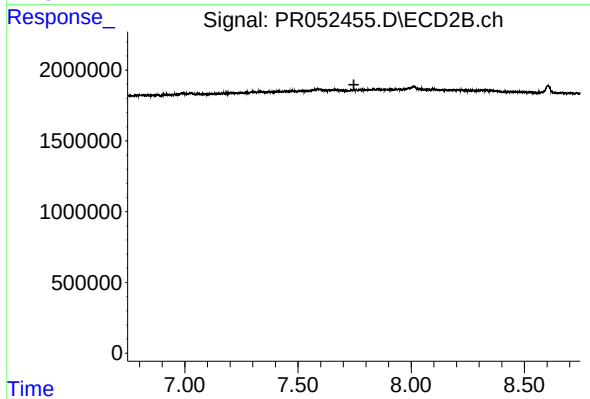
#37 AR-1262-2

R.T.: 7.473 min
Delta R.T.: 0.010 min
Response: 112551
Conc: 0.33 ng/ml



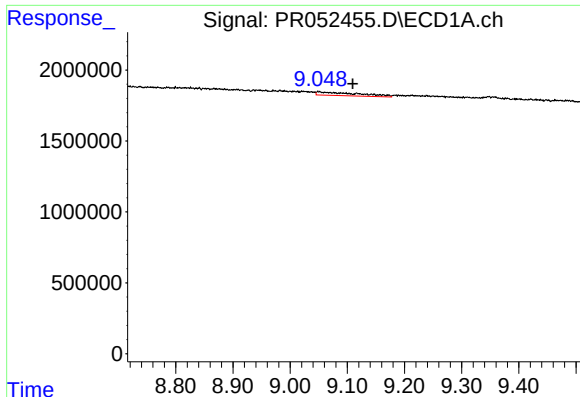
#38 AR-1262-3

R.T.: 9.049 min
Delta R.T.: 0.037 min
Response: 1220134
Conc: 7.21 ng/ml



#38 AR-1262-3

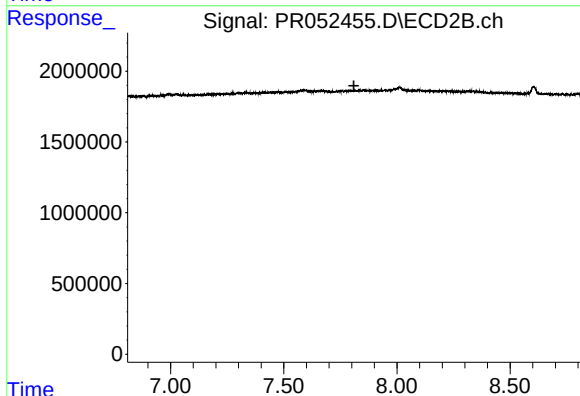
R.T.: 0.000 min
Exp R.T.: 7.747 min
Response: 0
Conc: N.D.



#39 AR-1262-4

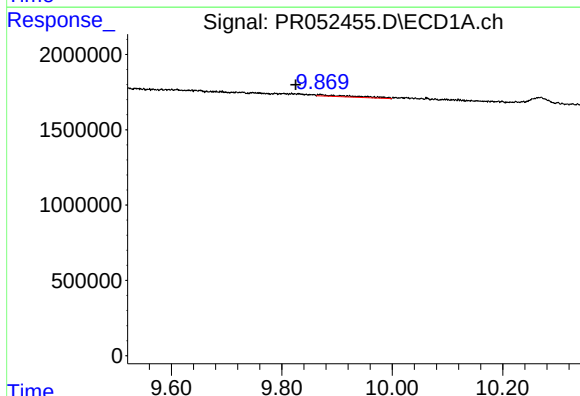
R.T.: 9.049 min
Delta R.T.: -0.060 min
Response: 1220134
Conc: 10.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



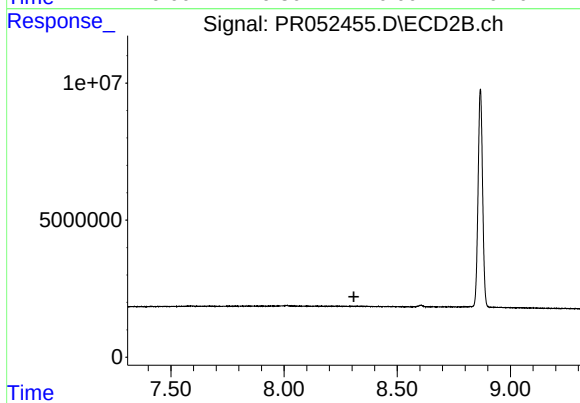
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.810 min
Response: 0
Conc: N.D.



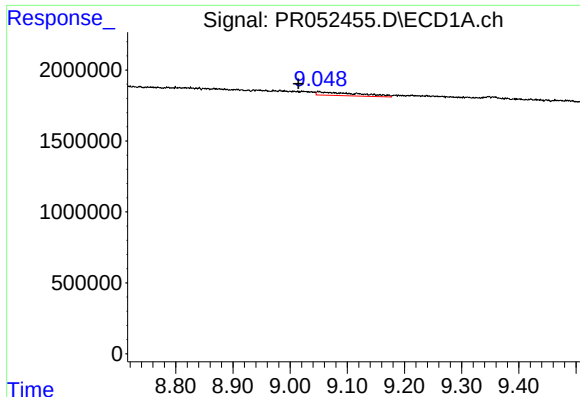
#40 AR-1262-5

R.T.: 9.870 min
Delta R.T.: 0.045 min
Response: 483821
Conc: 3.27 ng/ml



#40 AR-1262-5

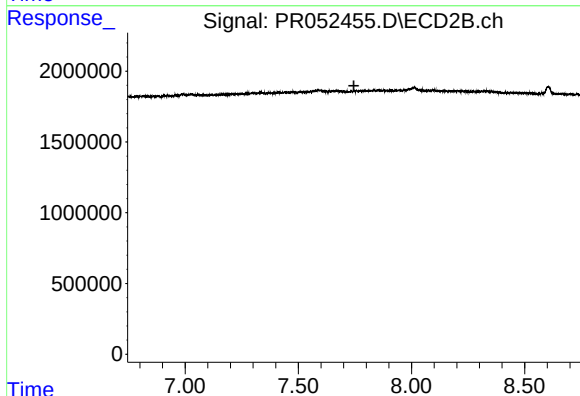
R.T.: 0.000 min
Exp R.T. : 8.308 min
Response: 0
Conc: N.D.



#41 AR-1268-1

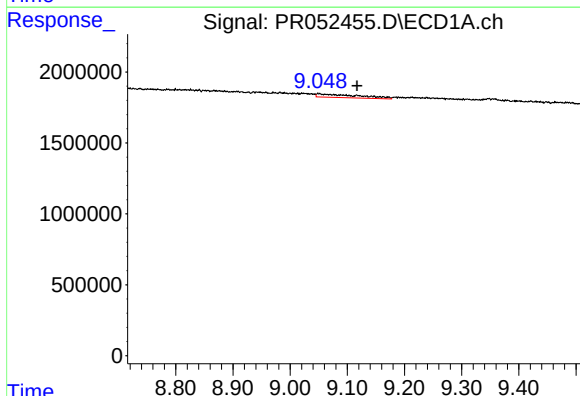
R.T.: 9.049 min
Delta R.T.: 0.035 min
Response: 1220134
Conc: 2.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



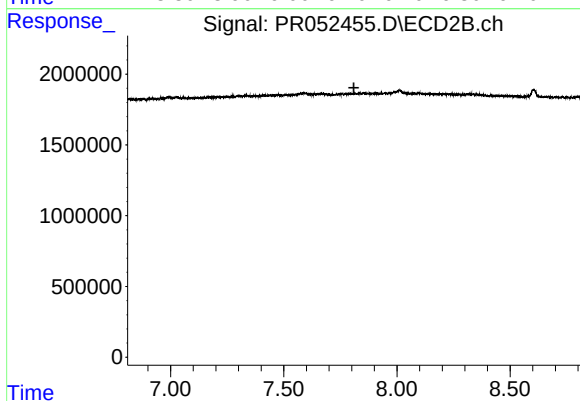
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.746 min
Response: 0
Conc: N.D.



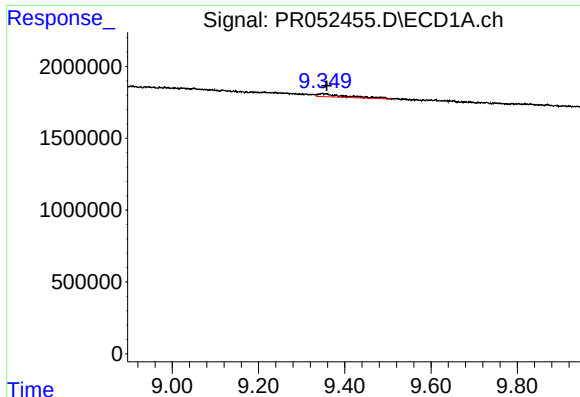
#42 AR-1268-2

R.T.: 9.049 min
Delta R.T.: -0.067 min
Response: 1220134
Conc: 3.01 ng/ml



#42 AR-1268-2

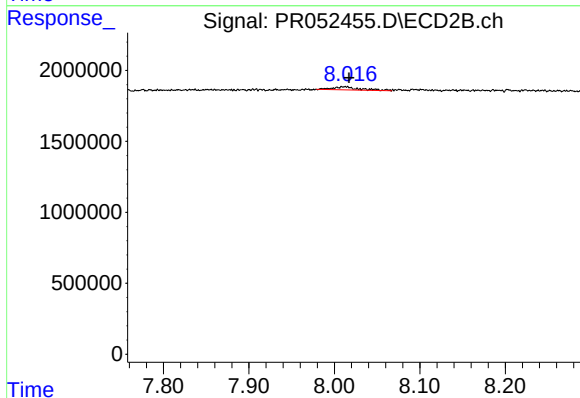
R.T.: 0.000 min
Exp R.T. : 7.810 min
Response: 0
Conc: N.D.



#43 AR-1268-3

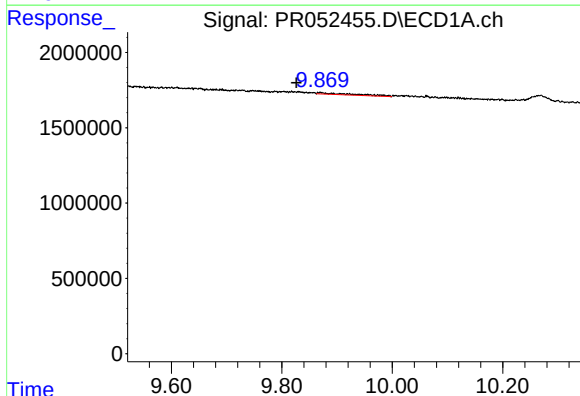
R.T.: 9.347 min
Delta R.T.: -0.011 min
Response: 995361
Conc: 2.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



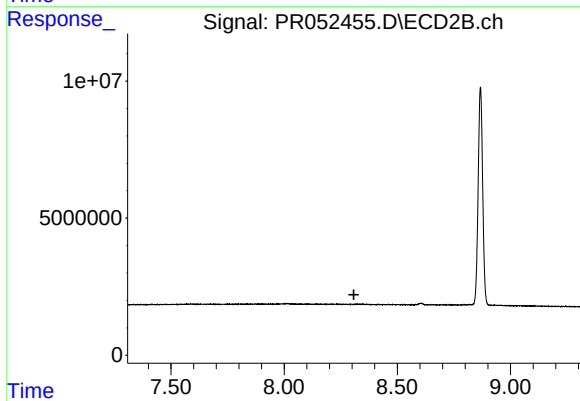
#43 AR-1268-3

R.T.: 8.012 min
Delta R.T.: -0.005 min
Response: 457325
Conc: 1.34 ng/ml



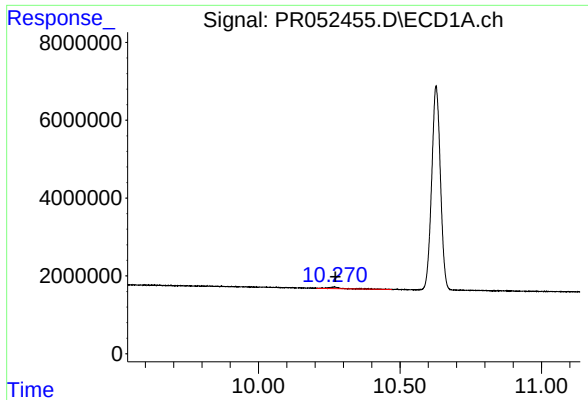
#44 AR-1268-4

R.T.: 9.870 min
Delta R.T.: 0.044 min
Response: 483821
Conc: 2.97 ng/ml



#44 AR-1268-4

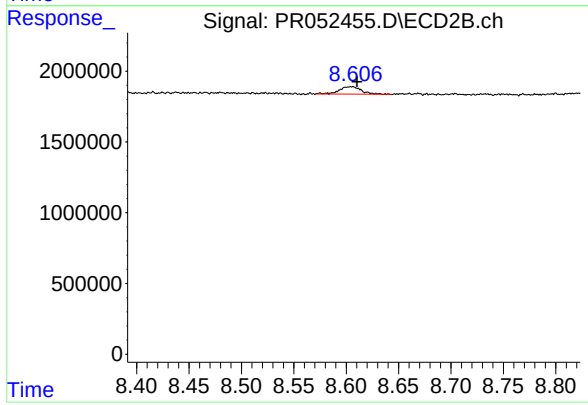
R.T.: 0.000 min
Exp R.T.: 8.308 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.267 min
Delta R.T.: -0.005 min
Response: 1238849
Conc: 1.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.604 min
Delta R.T.: -0.006 min
Response: 766845
Conc: 0.65 ng/ml