

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110221\
 Data File : PR052447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 19:37
 Operator : AJ\MA
 Sample : M4412-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 04:35:17 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...	4.690	3.858	74486240	57614674	18.962	20.172
2)	SA Decachlor...	10.628	8.867	117.4E6	115.6E6	33.440	33.988
Target Compounds							
3)	L1 AR-1016-1	5.876	0.000	137626	0	1.133	N.D. #
4)	L1 AR-1016-2	5.929	0.000	146630	0	0.847	N.D. #
5)	L1 AR-1016-3	5.977	0.000	195216	0	1.813	N.D. #
6)	L1 AR-1016-4	6.006f	0.000	148594	0	1.685	N.D. #
7)	L1 AR-1016-5	6.369	0.000	347663	0	3.926	N.D. #
8)	L2 AR-1221-1	4.926	0.000	873872	0	19.062	N.D. #
9)	L2 AR-1221-2	5.005	4.157	773440	746937	15.581	30.917 #
10)	L2 AR-1221-3	5.083	0.000	136903	0	1.178	N.D. #
11)	L3 AR-1232-1	5.083	0.000	136903	0	1.766	N.D. #
12)	L3 AR-1232-2	5.611	0.000	65207	0	1.617	N.D. #
13)	L3 AR-1232-3	5.929	0.000	146630	0	1.962	N.D. #
14)	L3 AR-1232-4	6.006f	0.000	148594	0	3.967	N.D. #
15)	L3 AR-1232-5	6.139	0.000	136644	0	4.428	N.D. #
16)	L4 AR-1242-1	5.876	0.000	137626	0	1.382	N.D. #
17)	L4 AR-1242-2	5.929	0.000	146630	0	1.042	N.D. #
18)	L4 AR-1242-3	5.977	0.000	195216	0	2.219	N.D. #
19)	L4 AR-1242-4	6.006f	0.000	148594	0	2.084	N.D. #
20)	L4 AR-1242-5	6.804	0.000	114240	0	1.498	N.D. #
21)	L5 AR-1248-1	5.876	0.000	137626	0	1.885	N.D. #
22)	L5 AR-1248-2	6.139	0.000	136644	0	1.274	N.D. #
23)	L5 AR-1248-3	6.369	0.000	347663	0	2.982	N.D. #
24)	L5 AR-1248-4	6.765	0.000	117682	0	0.922	N.D. #
25)	L5 AR-1248-5	6.804	0.000	114240	0	0.927	N.D. #
26)	L6 AR-1254-1	6.742	0.000	85249	0	0.640	N.D. #
27)	L6 AR-1254-2	6.980	5.942f	260839	165170	1.262	1.317
28)	L6 AR-1254-3	7.306	6.266	33143	216038	0.158	1.017 #
29)	L6 AR-1254-4	7.643	0.000	103589	0	0.658	N.D. #
30)	L6 AR-1254-5	0.000	6.947	0	171364	N.D.	0.936 #
31)	L7 AR-1260-1	7.501	6.408	81396	89291	0.545	0.700 #
32)	L7 AR-1260-2	7.746	6.651f	167747	124556	0.938	0.831
33)	L7 AR-1260-3	8.116	6.759	431052	128989	3.040	0.870 #
34)	L7 AR-1260-4	8.337	7.192f	569165	165760	3.440	1.366 #
35)	L7 AR-1260-5	8.636f	7.446	319737	311745	0.986	1.005
36)	L8 AR-1262-1	8.116	6.759	431052	128989	2.085	1.021 #
37)	L8 AR-1262-2	8.636f	7.446	319737	311745	0.850	0.916
38)	L8 AR-1262-3	8.953f	7.771	478807	500580	2.828	3.590 #
39)	L8 AR-1262-4	0.000	7.808	0	64149	N.D.	0.239 #
40)	L8 AR-1262-5	9.846	0.000	326940	0	2.206	N.D. #
41)	L9 AR-1268-1	8.953f	7.771	478807	500580	1.078	1.256

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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	0.000	7.808	0	64149	N.D.	0.165 #
43) L9	AR-1268-3	9.360	8.013	938191	341711	2.678	1.004 #
44) L9	AR-1268-4	9.846	0.000	326940	0	2.007	N.D. #
45) L9	AR-1268-5	10.265	8.604	929241	740432	0.815	0.626

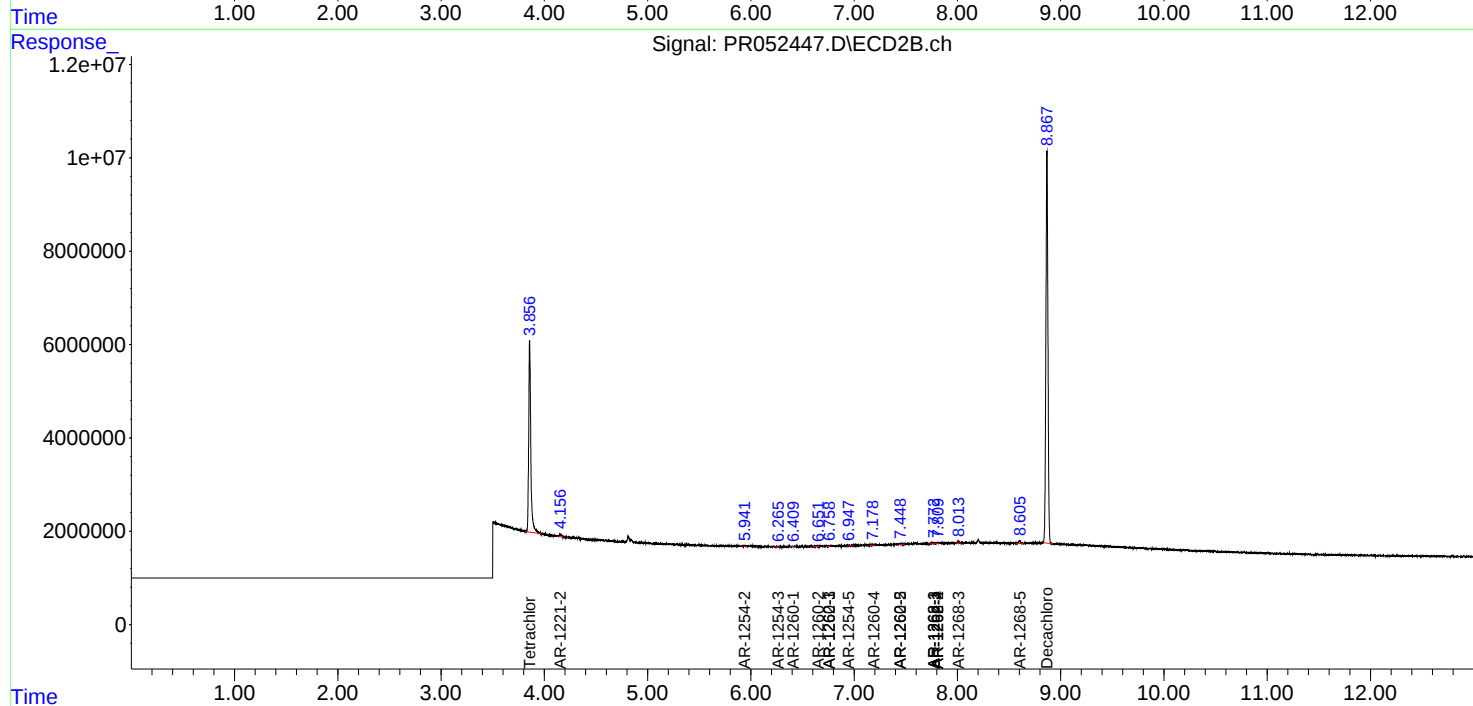
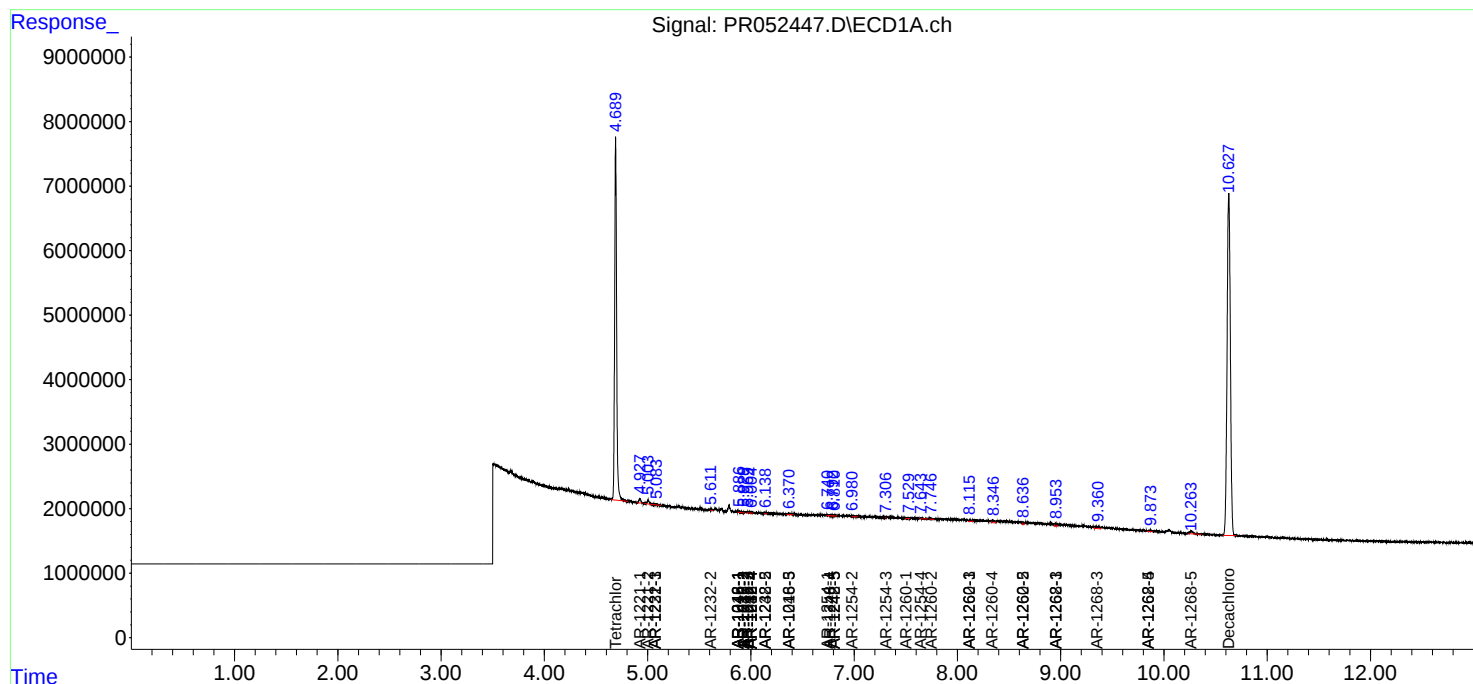
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

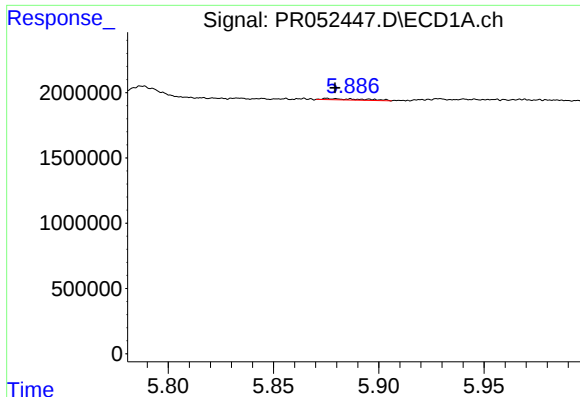
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

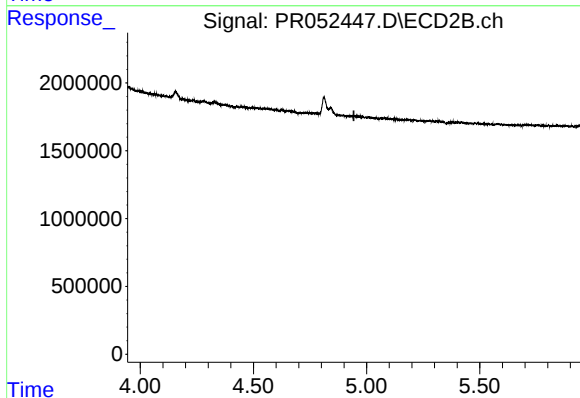




#3 AR-1016-1

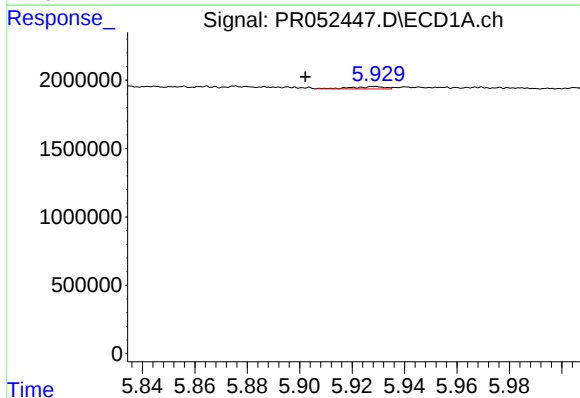
R.T.: 5.876 min
Delta R.T.: -0.004 min
Response: 137626
Conc: 1.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



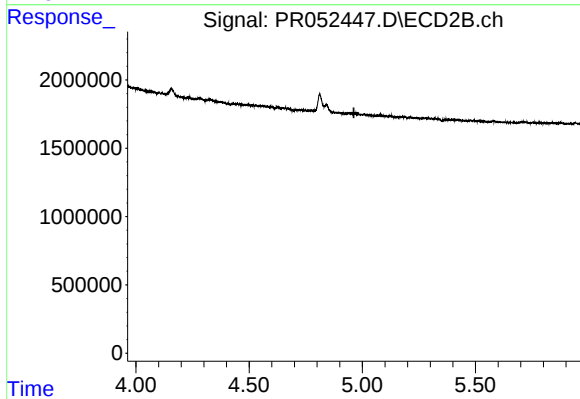
#3 AR-1016-1

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



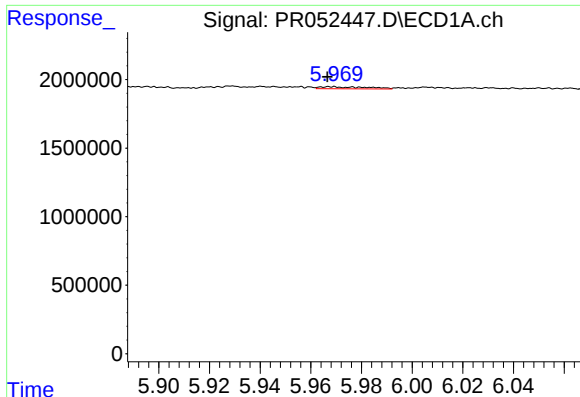
#4 AR-1016-2

R.T.: 5.929 min
Delta R.T.: 0.027 min
Response: 146630
Conc: 0.85 ng/ml



#4 AR-1016-2

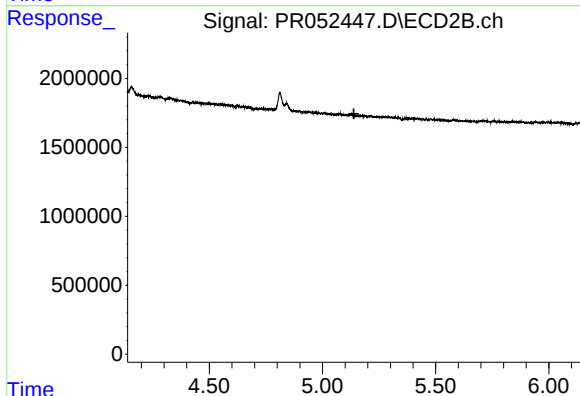
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#5 AR-1016-3

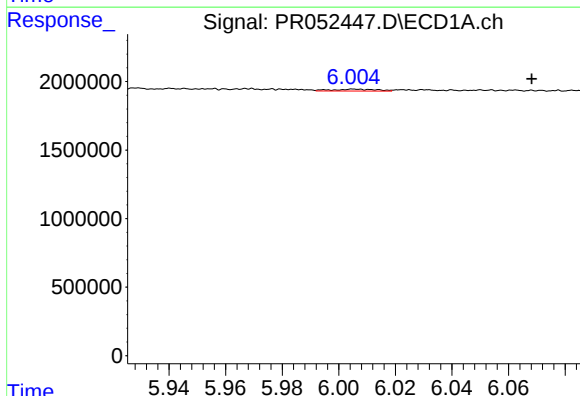
R.T.: 5.977 min
Delta R.T.: 0.010 min
Response: 195216
Conc: 1.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



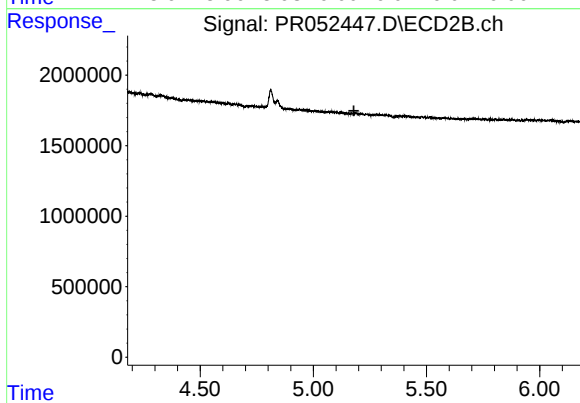
#5 AR-1016-3

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



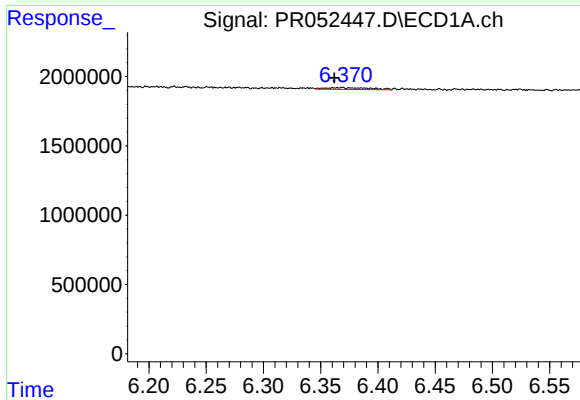
#6 AR-1016-4

R.T.: 6.006 min
Delta R.T.: -0.063 min
Response: 148594
Conc: 1.69 ng/ml



#6 AR-1016-4

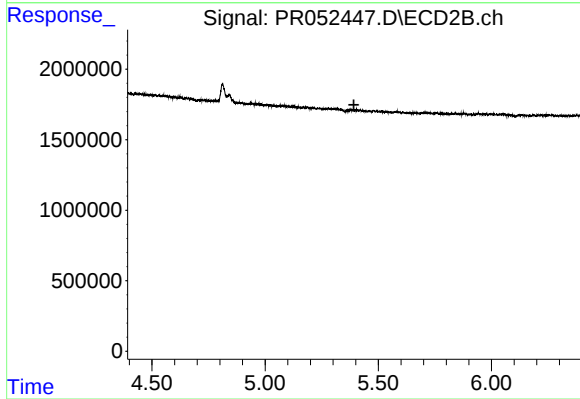
R.T.: 0.000 min
Exp R.T. : 5.179 min
Response: 0
Conc: N.D.



#7 AR-1016-5

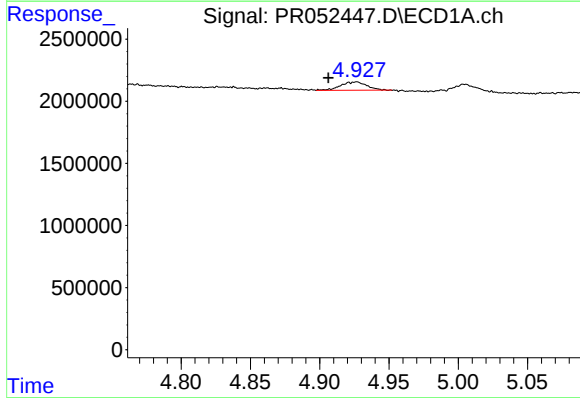
R.T.: 6.369 min
Delta R.T.: 0.007 min
Response: 347663
Conc: 3.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



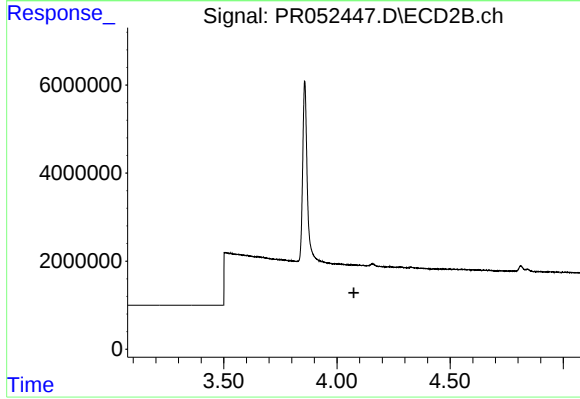
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.392 min
Response: 0
Conc: N.D.



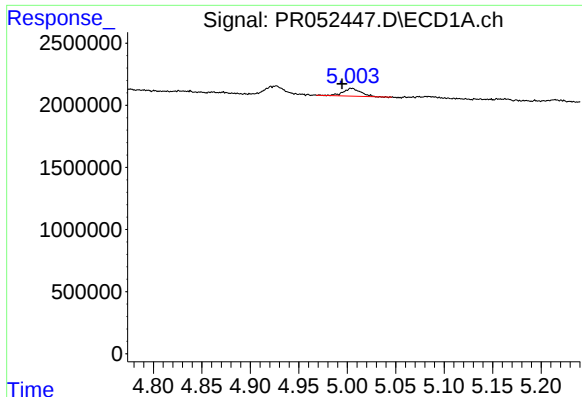
#8 AR-1221-1

R.T.: 4.926 min
Delta R.T.: 0.020 min
Response: 873872
Conc: 19.06 ng/ml



#8 AR-1221-1

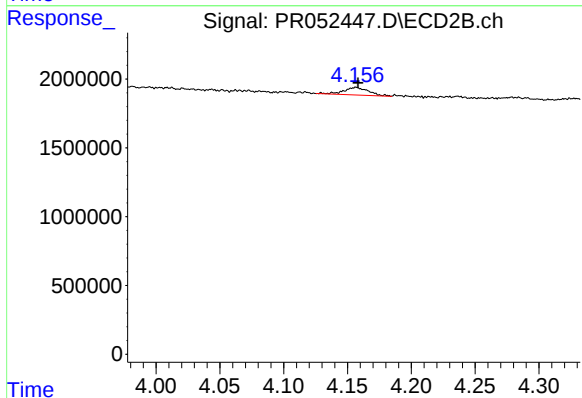
R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#9 AR-1221-2

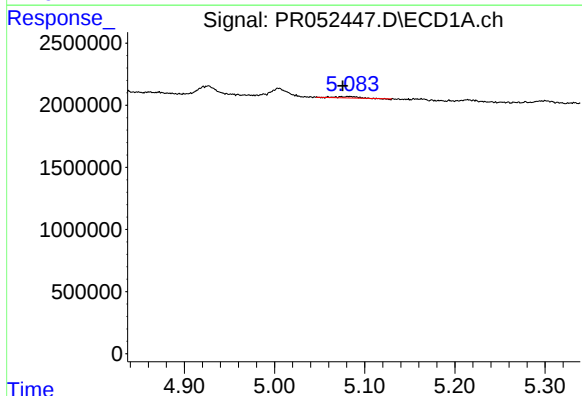
R.T.: 5.005 min
Delta R.T.: 0.010 min
Response: 773440
Conc: 15.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



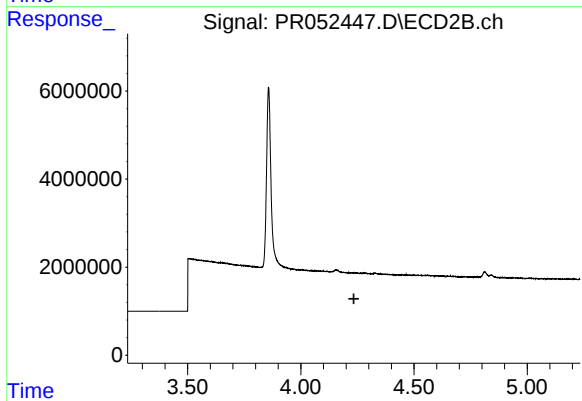
#9 AR-1221-2

R.T.: 4.157 min
Delta R.T.: -0.002 min
Response: 746937
Conc: 30.92 ng/ml



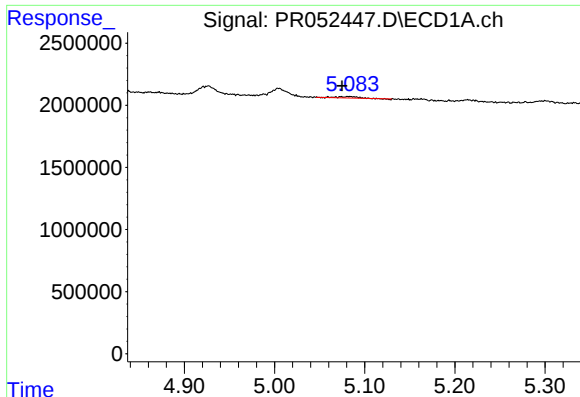
#10 AR-1221-3

R.T.: 5.083 min
Delta R.T.: 0.008 min
Response: 136903
Conc: 1.18 ng/ml



#10 AR-1221-3

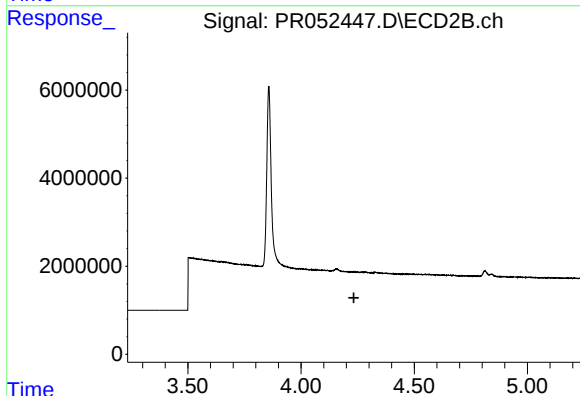
R.T.: 0.000 min
Exp R.T. : 4.235 min
Response: 0
Conc: N.D.



#11 AR-1232-1

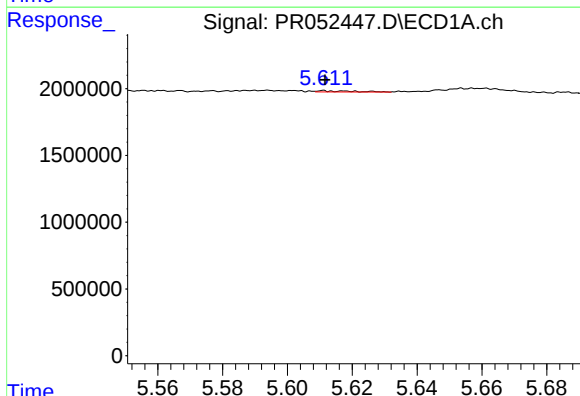
R.T.: 5.083 min
Delta R.T.: 0.008 min
Response: 136903
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



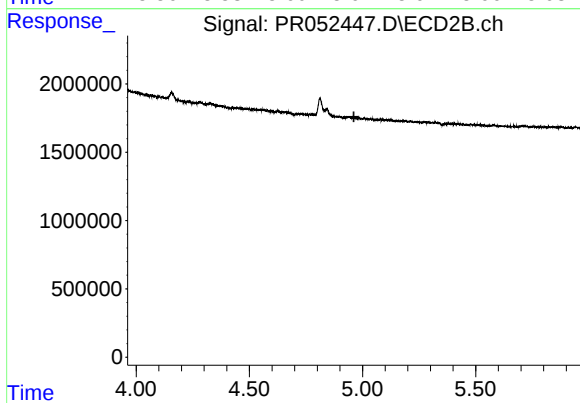
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.234 min
Response: 0
Conc: N.D.



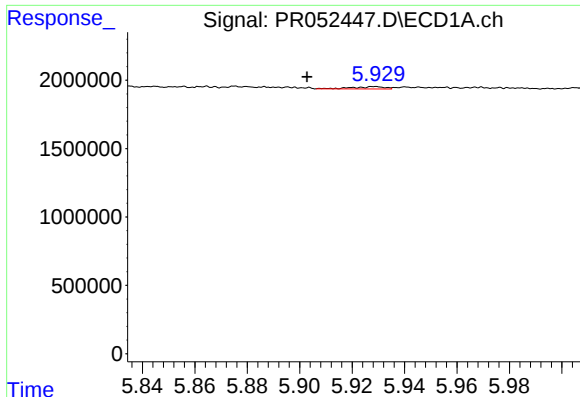
#12 AR-1232-2

R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 65207
Conc: 1.62 ng/ml



#12 AR-1232-2

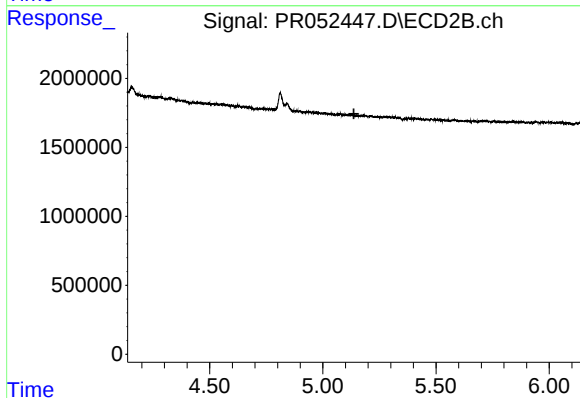
R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#13 AR-1232-3

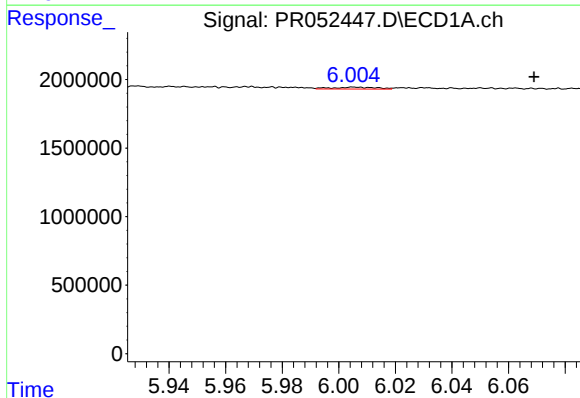
R.T.: 5.929 min
Delta R.T.: 0.026 min
Response: 146630
Conc: 1.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



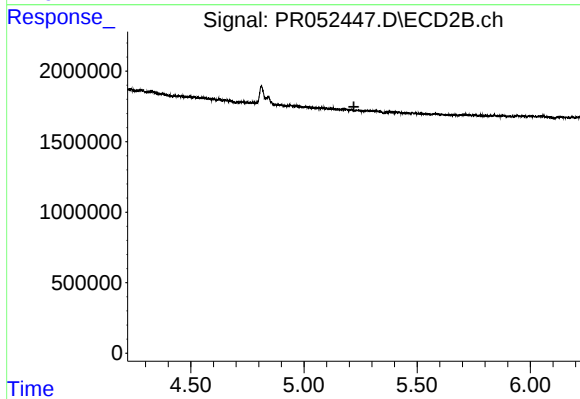
#13 AR-1232-3

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



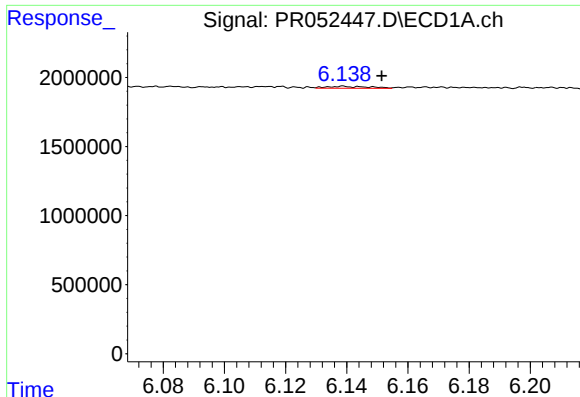
#14 AR-1232-4

R.T.: 6.006 min
Delta R.T.: -0.063 min
Response: 148594
Conc: 3.97 ng/ml



#14 AR-1232-4

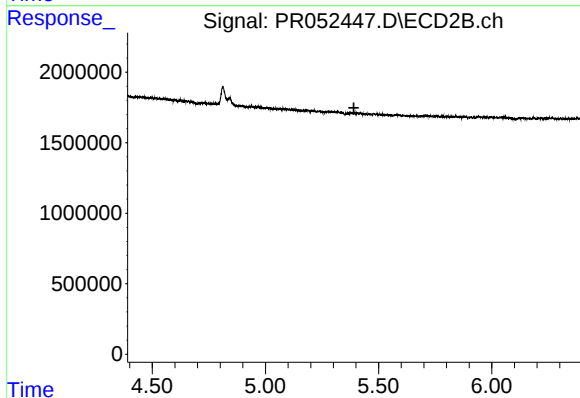
R.T.: 0.000 min
Exp R.T. : 5.220 min
Response: 0
Conc: N.D.



#15 AR-1232-5

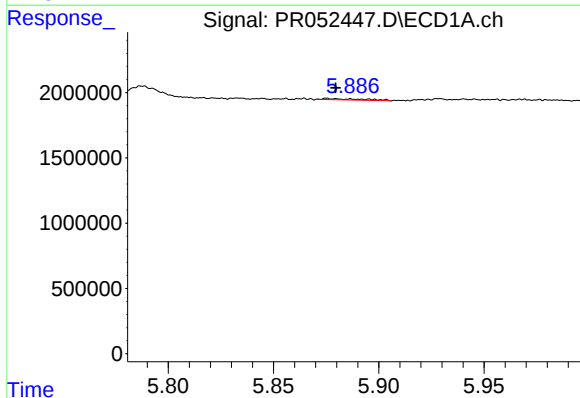
R.T.: 6.139 min
Delta R.T.: -0.013 min
Response: 136644
Conc: 4.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



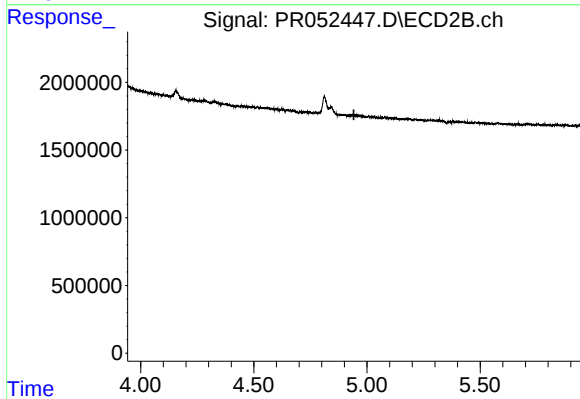
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.391 min
Response: 0
Conc: N.D.



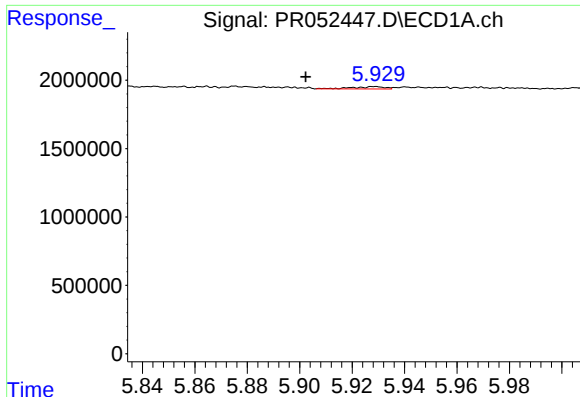
#16 AR-1242-1

R.T.: 5.876 min
Delta R.T.: -0.004 min
Response: 137626
Conc: 1.38 ng/ml



#16 AR-1242-1

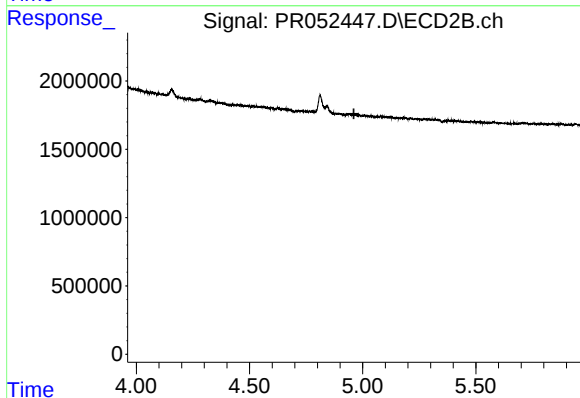
R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



#17 AR-1242-2

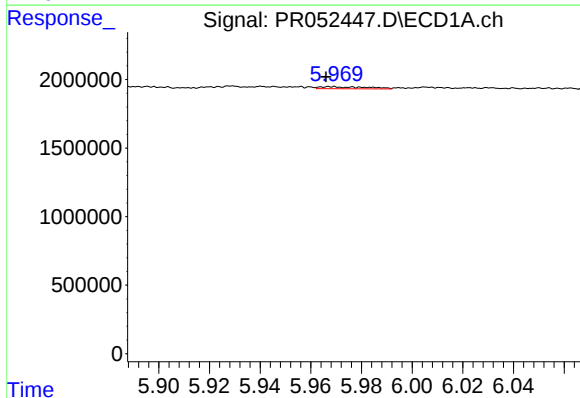
R.T.: 5.929 min
Delta R.T.: 0.026 min
Response: 146630
Conc: 1.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



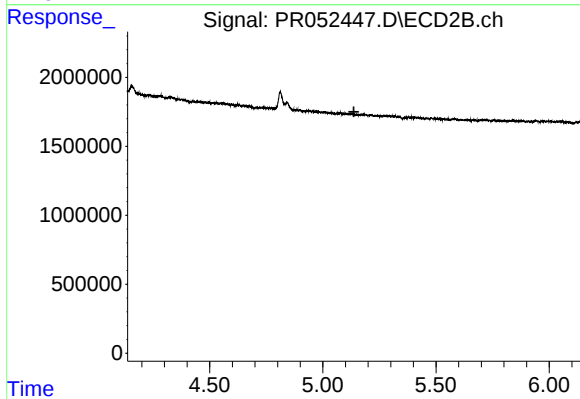
#17 AR-1242-2

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



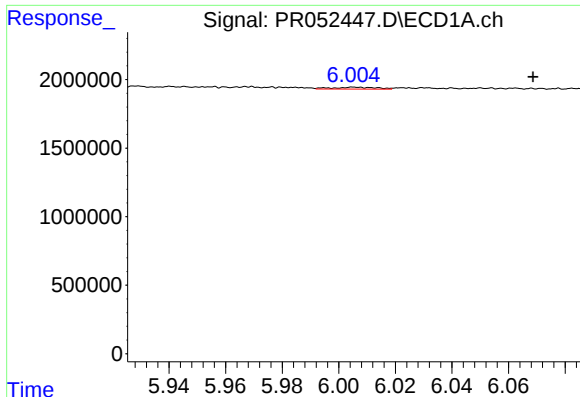
#18 AR-1242-3

R.T.: 5.977 min
Delta R.T.: 0.011 min
Response: 195216
Conc: 2.22 ng/ml



#18 AR-1242-3

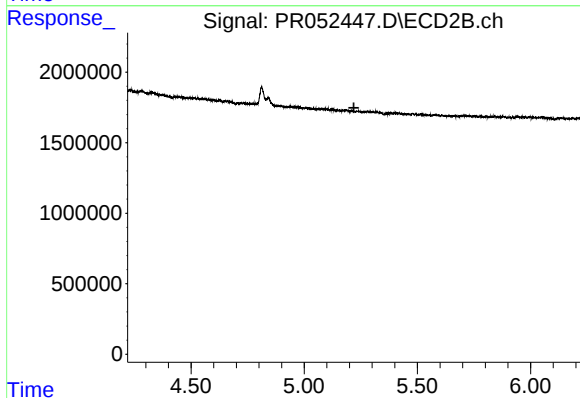
R.T.: 0.000 min
Exp R.T. : 5.137 min
Response: 0
Conc: N.D.



#19 AR-1242-4

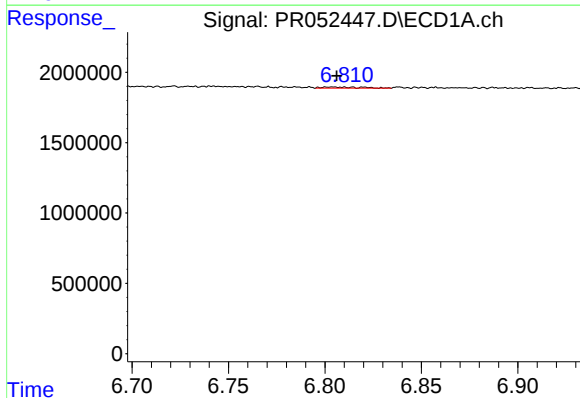
R.T.: 6.006 min
Delta R.T.: -0.063 min
Response: 148594
Conc: 2.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



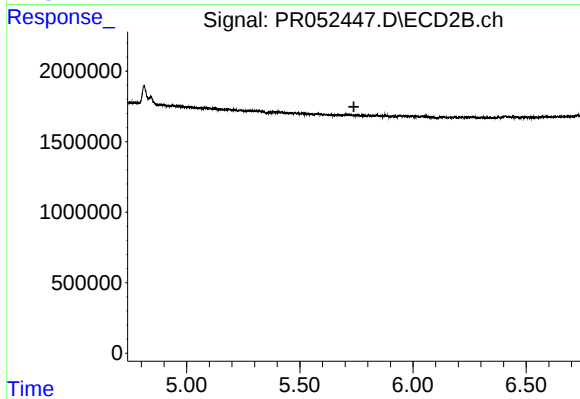
#19 AR-1242-4

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



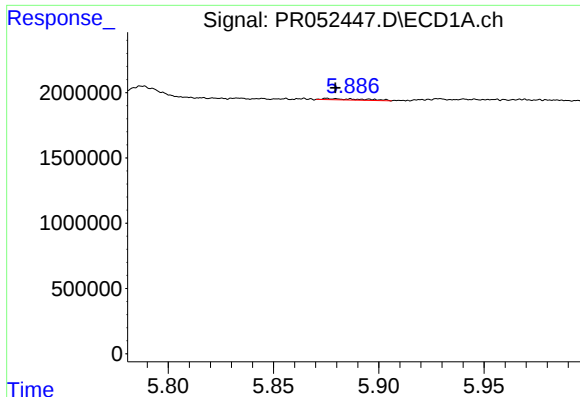
#20 AR-1242-5

R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 114240
Conc: 1.50 ng/ml



#20 AR-1242-5

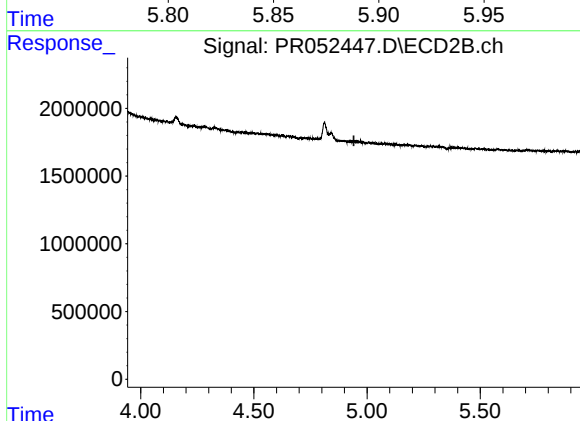
R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#21 AR-1248-1

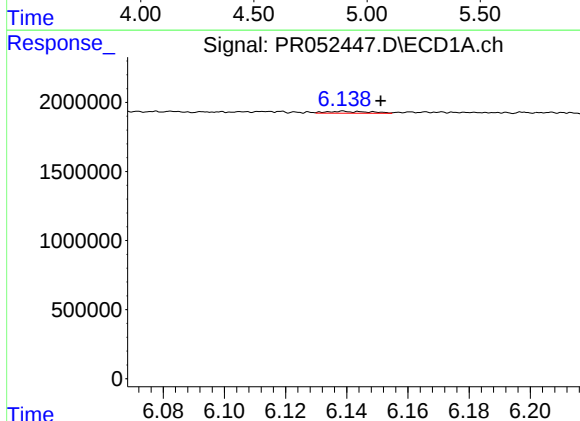
R.T.: 5.876 min
Delta R.T.: -0.004 min
Response: 137626
Conc: 1.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



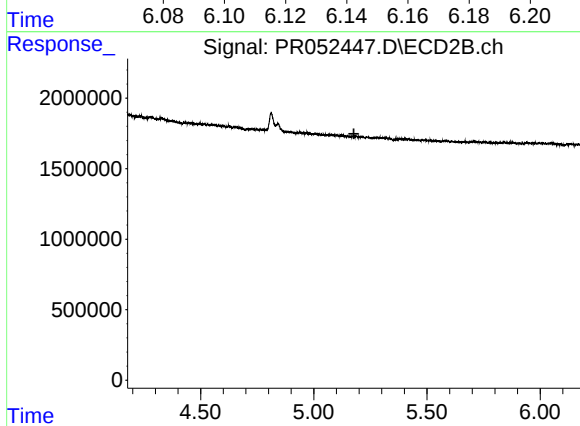
#21 AR-1248-1

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



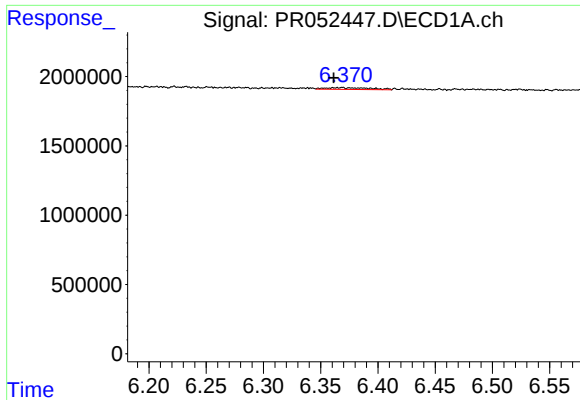
#22 AR-1248-2

R.T.: 6.139 min
Delta R.T.: -0.012 min
Response: 136644
Conc: 1.27 ng/ml



#22 AR-1248-2

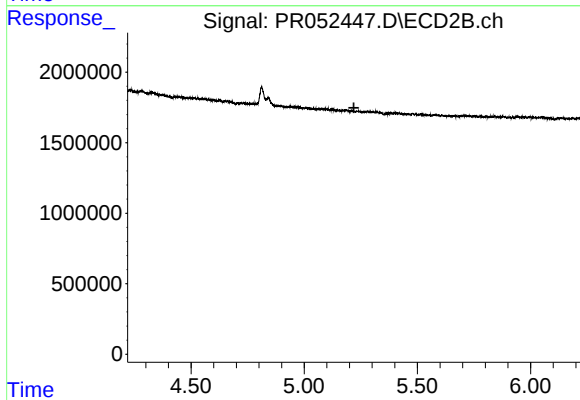
R.T.: 0.000 min
Exp R.T. : 5.177 min
Response: 0
Conc: N.D.



#23 AR-1248-3

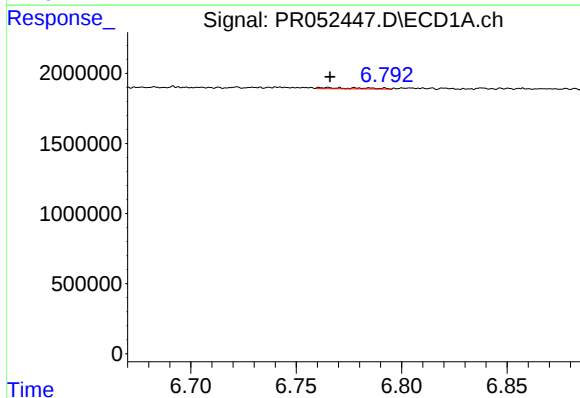
R.T.: 6.369 min
Delta R.T.: 0.007 min
Response: 347663
Conc: 2.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



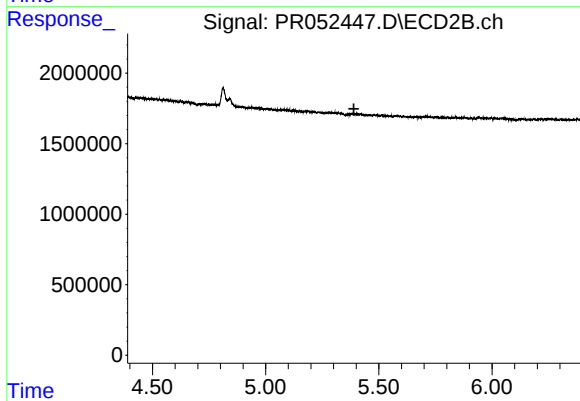
#23 AR-1248-3

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



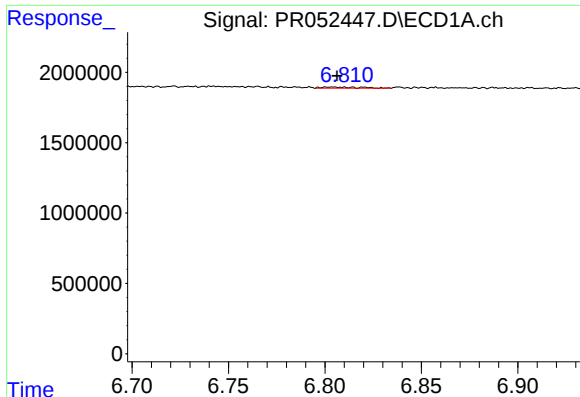
#24 AR-1248-4

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 117682
Conc: 0.92 ng/ml



#24 AR-1248-4

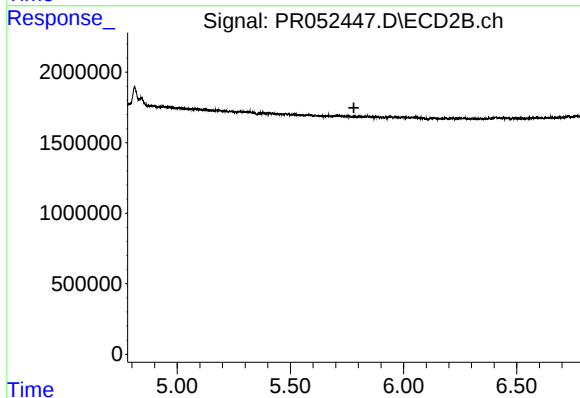
R.T.: 0.000 min
Exp R.T. : 5.390 min
Response: 0
Conc: N.D.



#25 AR-1248-5

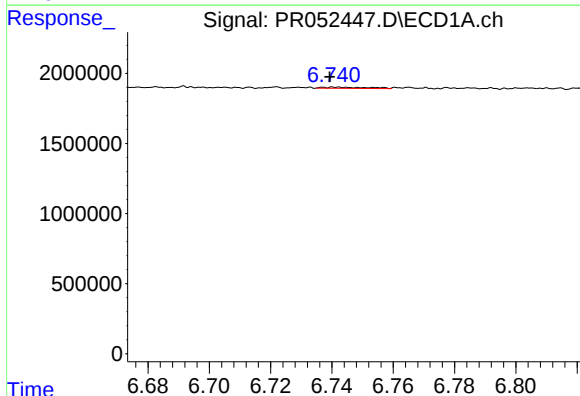
R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 114240
Conc: 0.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



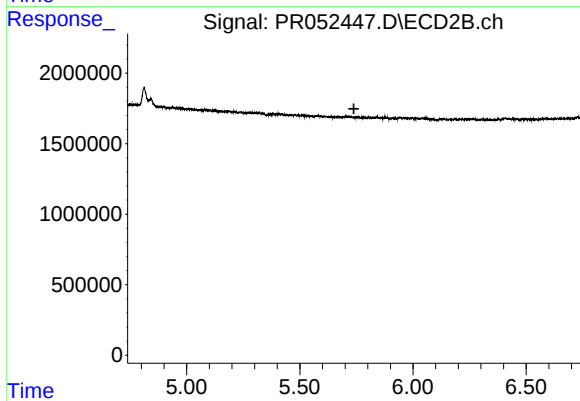
#25 AR-1248-5

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



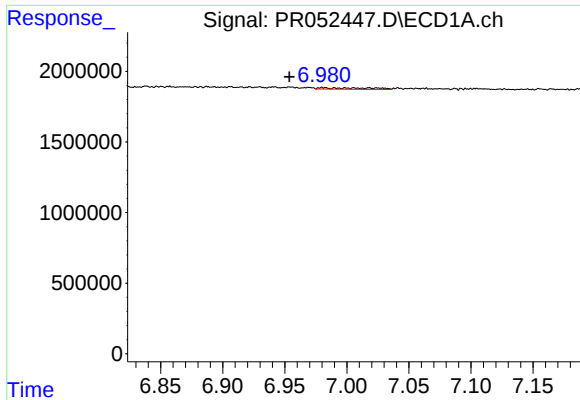
#26 AR-1254-1

R.T.: 6.742 min
Delta R.T.: 0.003 min
Response: 85249
Conc: 0.64 ng/ml



#26 AR-1254-1

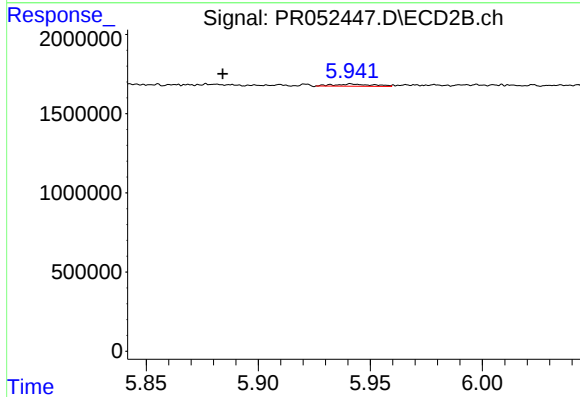
R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#27 AR-1254-2

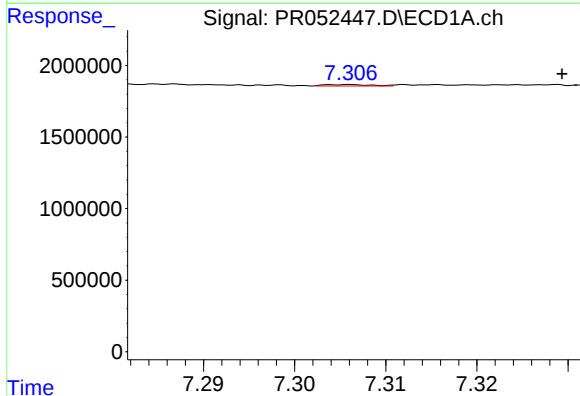
R.T.: 6.980 min
Delta R.T.: 0.027 min
Response: 260839
Conc: 1.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



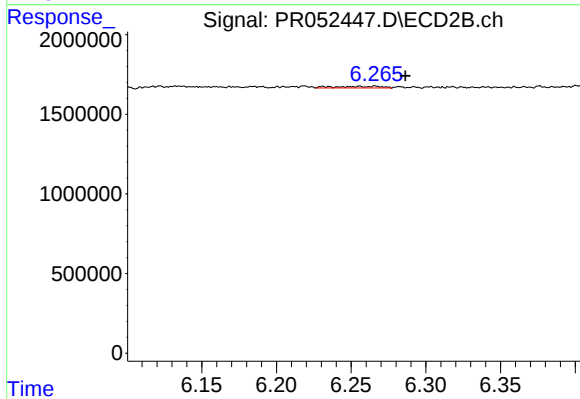
#27 AR-1254-2

R.T.: 5.942 min
Delta R.T.: 0.057 min
Response: 165170
Conc: 1.32 ng/ml



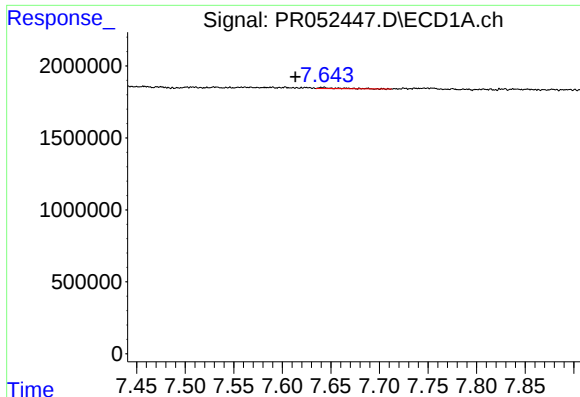
#28 AR-1254-3

R.T.: 7.306 min
Delta R.T.: -0.024 min
Response: 33143
Conc: 0.16 ng/ml



#28 AR-1254-3

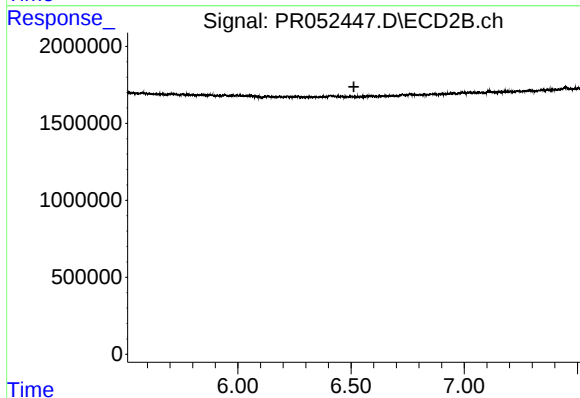
R.T.: 6.266 min
Delta R.T.: -0.020 min
Response: 216038
Conc: 1.02 ng/ml



#29 AR-1254-4

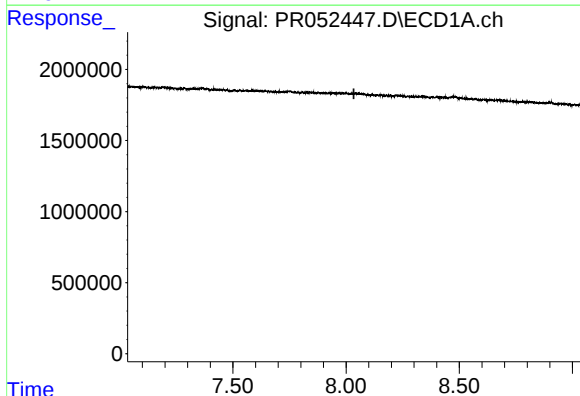
R.T.: 7.643 min
Delta R.T.: 0.029 min
Response: 103589
Conc: 0.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



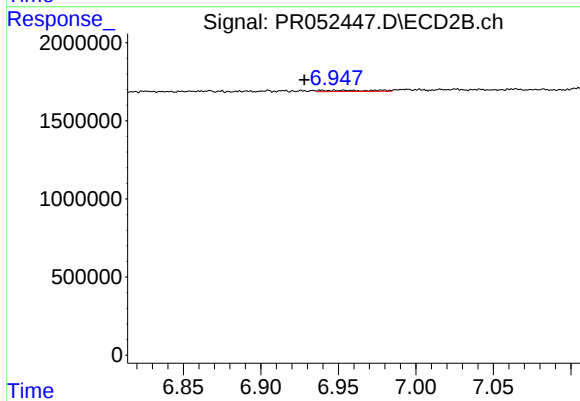
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.513 min
Response: 0
Conc: N.D.



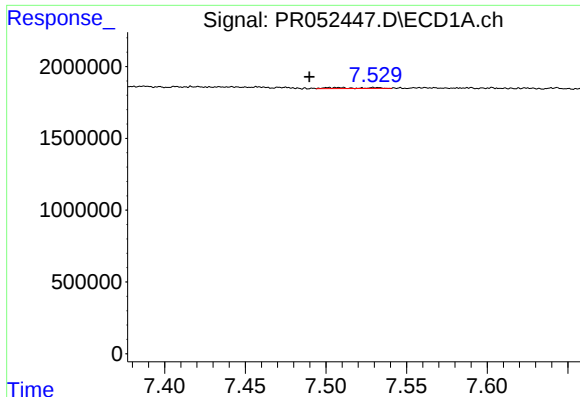
#30 AR-1254-5

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



#30 AR-1254-5

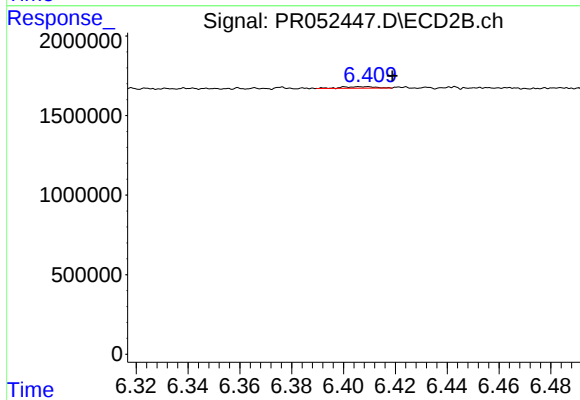
R.T.: 6.947 min
Delta R.T.: 0.019 min
Response: 171364
Conc: 0.94 ng/ml



#31 AR-1260-1

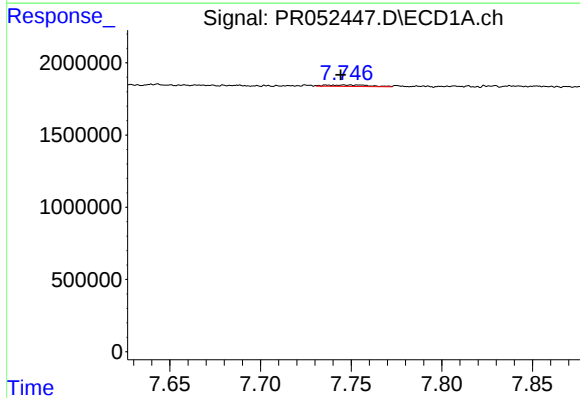
R.T.: 7.501 min
Delta R.T.: 0.012 min
Response: 81396
Conc: 0.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



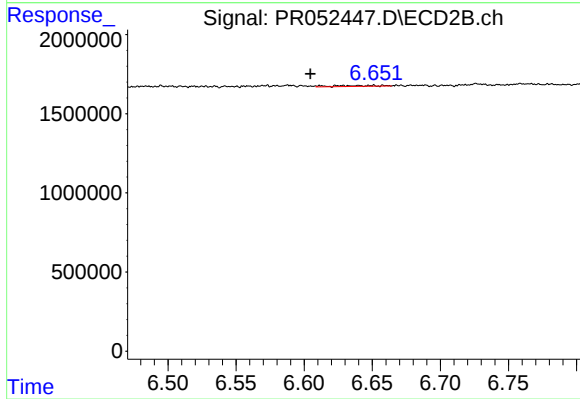
#31 AR-1260-1

R.T.: 6.408 min
Delta R.T.: -0.010 min
Response: 89291
Conc: 0.70 ng/ml



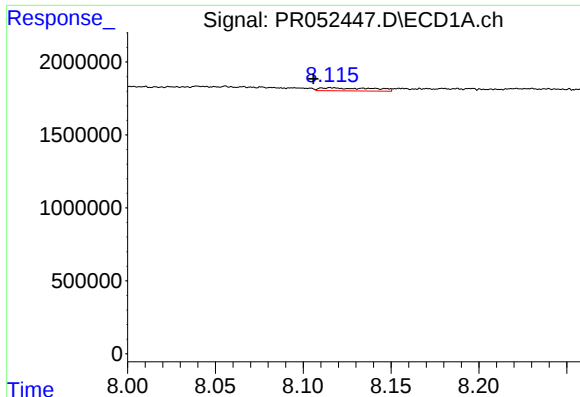
#32 AR-1260-2

R.T.: 7.746 min
Delta R.T.: 0.002 min
Response: 167747
Conc: 0.94 ng/ml



#32 AR-1260-2

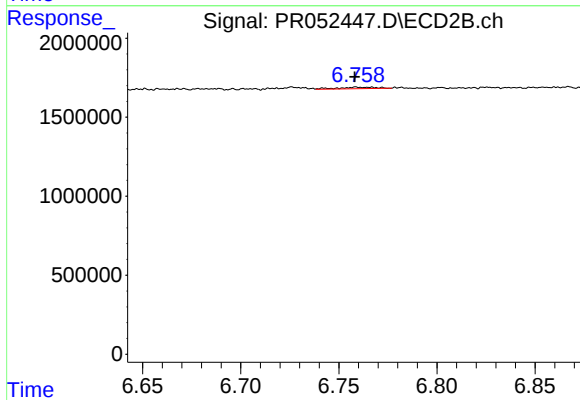
R.T.: 6.651 min
Delta R.T.: 0.046 min
Response: 124556
Conc: 0.83 ng/ml



#33 AR-1260-3

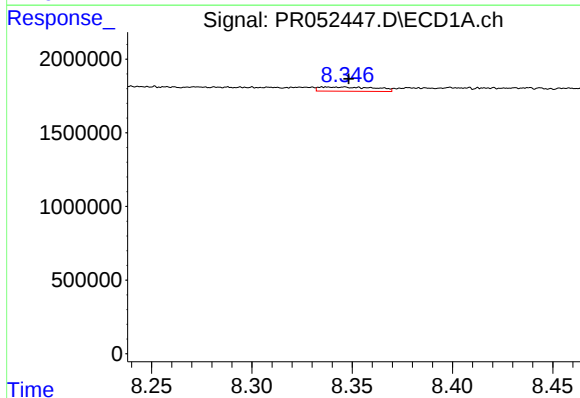
R.T.: 8.116 min
Delta R.T.: 0.010 min
Response: 431052
Conc: 3.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



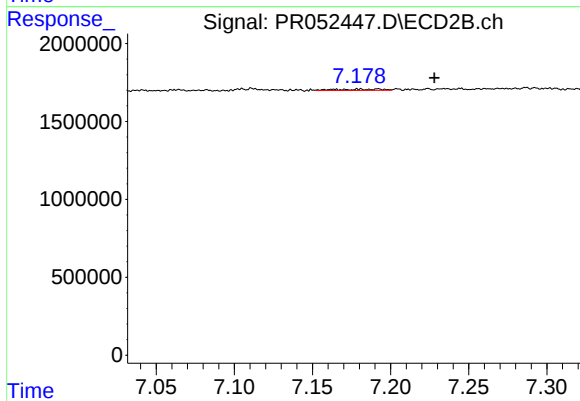
#33 AR-1260-3

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 128989
Conc: 0.87 ng/ml



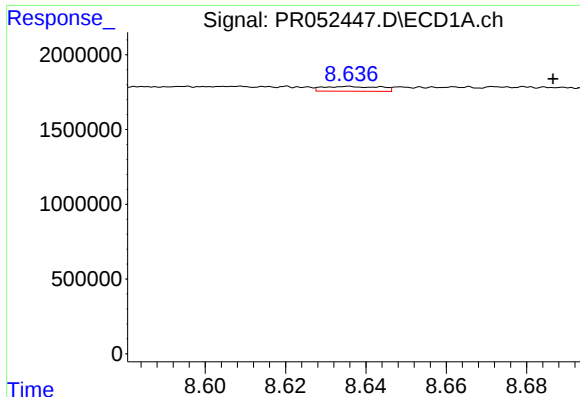
#34 AR-1260-4

R.T.: 8.337 min
Delta R.T.: -0.011 min
Response: 569165
Conc: 3.44 ng/ml



#34 AR-1260-4

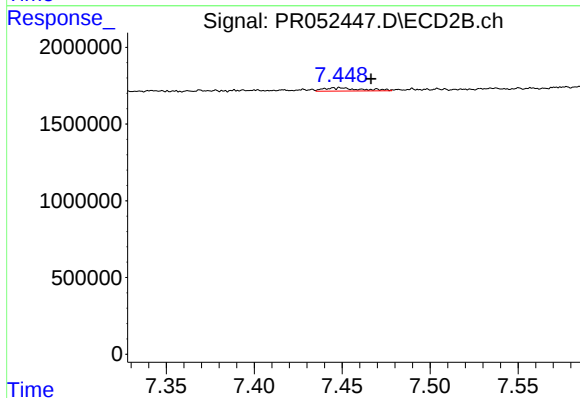
R.T.: 7.192 min
Delta R.T.: -0.036 min
Response: 165760
Conc: 1.37 ng/ml



#35 AR-1260-5

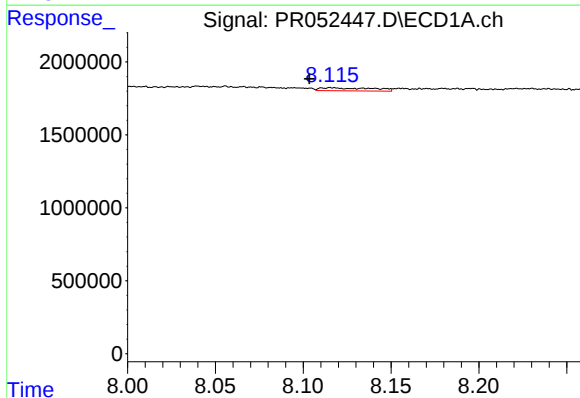
R.T.: 8.636 min
Delta R.T.: -0.051 min
Response: 319737
Conc: 0.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



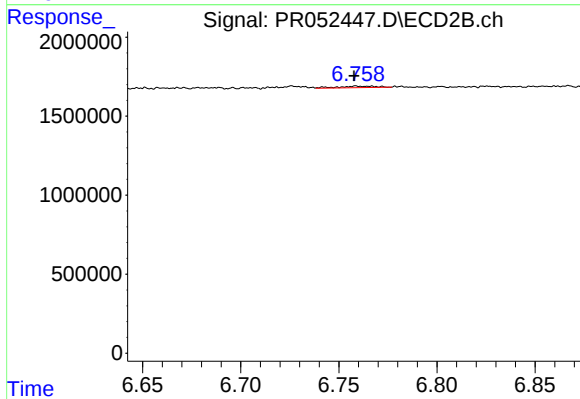
#35 AR-1260-5

R.T.: 7.446 min
Delta R.T.: -0.020 min
Response: 311745
Conc: 1.00 ng/ml



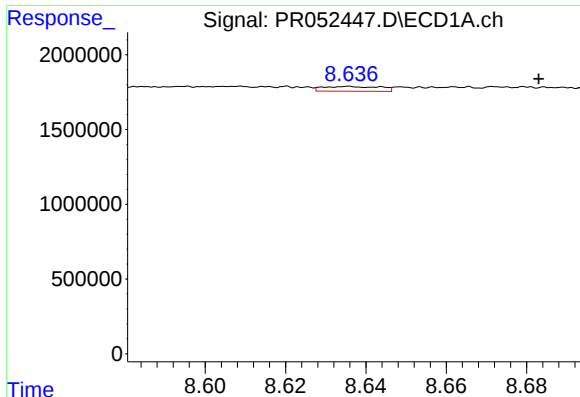
#36 AR-1262-1

R.T.: 8.116 min
Delta R.T.: 0.013 min
Response: 431052
Conc: 2.08 ng/ml



#36 AR-1262-1

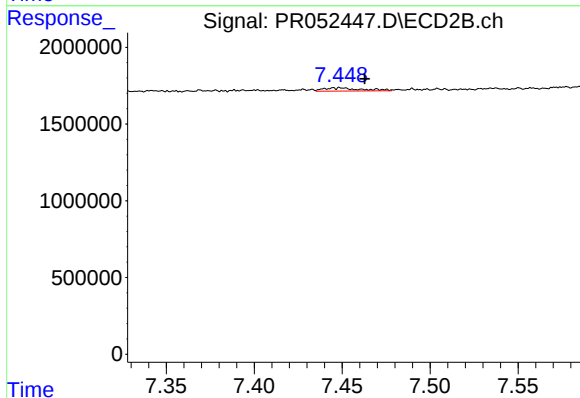
R.T.: 6.759 min
Delta R.T.: 0.001 min
Response: 128989
Conc: 1.02 ng/ml



#37 AR-1262-2

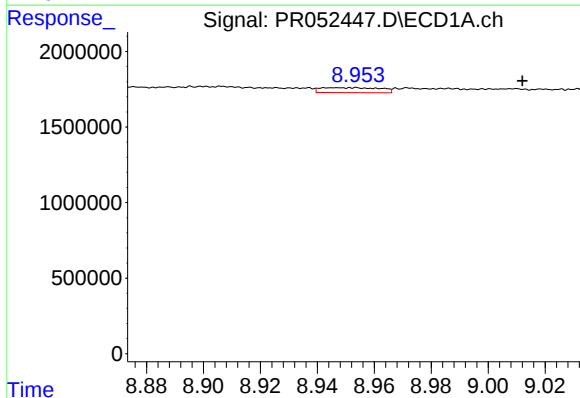
R.T.: 8.636 min
Delta R.T.: -0.047 min
Response: 319737
Conc: 0.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



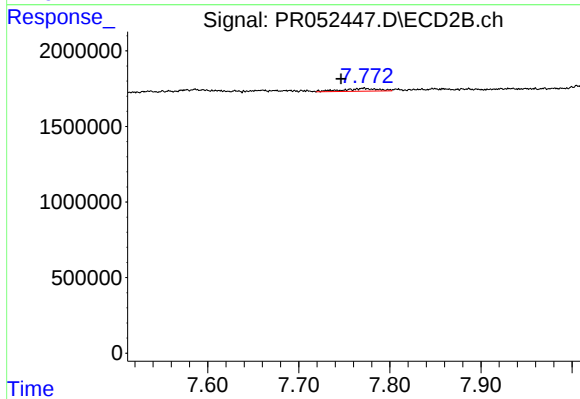
#37 AR-1262-2

R.T.: 7.446 min
Delta R.T.: -0.016 min
Response: 311745
Conc: 0.92 ng/ml



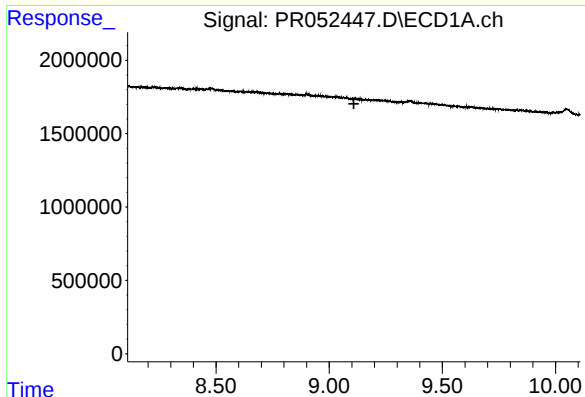
#38 AR-1262-3

R.T.: 8.953 min
Delta R.T.: -0.059 min
Response: 478807
Conc: 2.83 ng/ml



#38 AR-1262-3

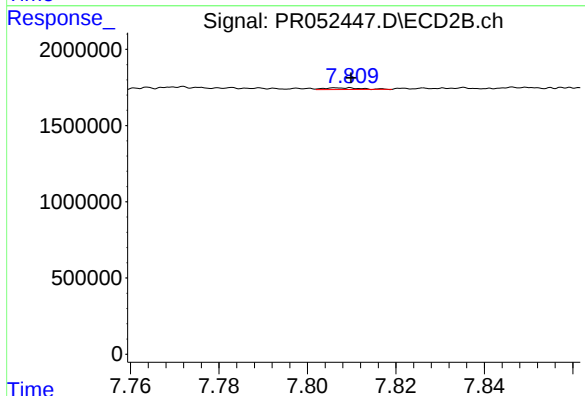
R.T.: 7.771 min
Delta R.T.: 0.024 min
Response: 500580
Conc: 3.59 ng/ml



#39 AR-1262-4

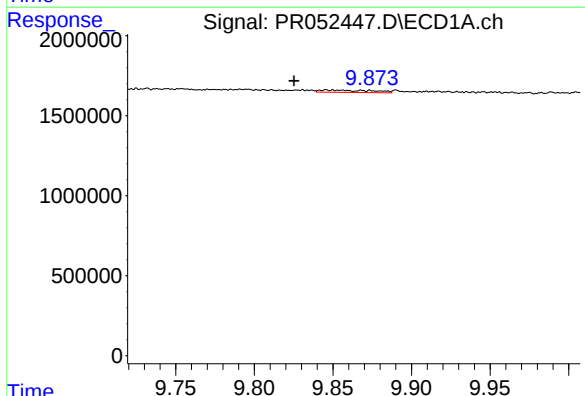
R.T.: 0.000 min
Exp R.T.: 9.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



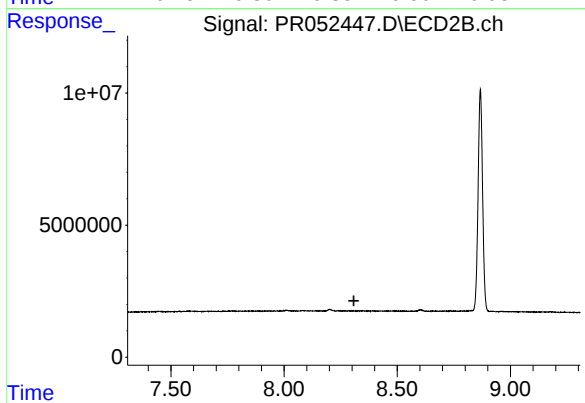
#39 AR-1262-4

R.T.: 7.808 min
Delta R.T.: -0.002 min
Response: 64149
Conc: 0.24 ng/ml



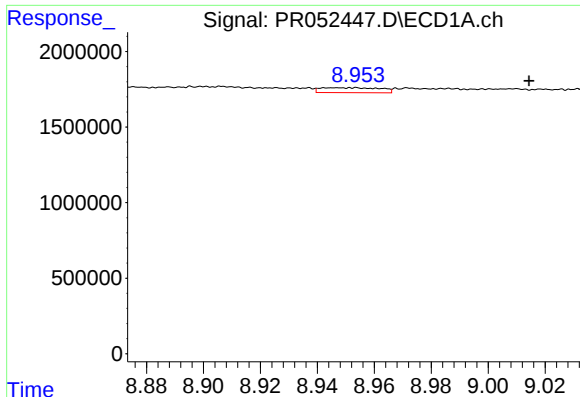
#40 AR-1262-5

R.T.: 9.846 min
Delta R.T.: 0.020 min
Response: 326940
Conc: 2.21 ng/ml



#40 AR-1262-5

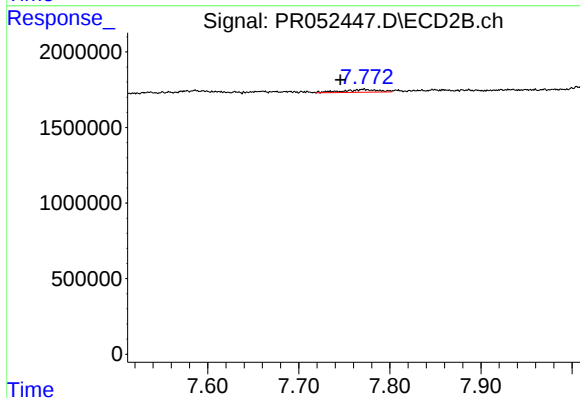
R.T.: 0.000 min
Exp R.T.: 8.308 min
Response: 0
Conc: N.D.



#41 AR-1268-1

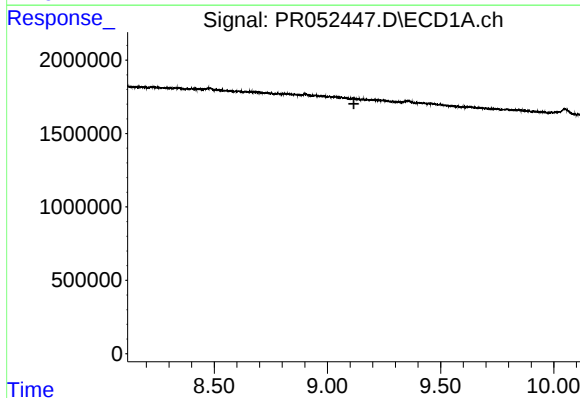
R.T.: 8.953 min
Delta R.T.: -0.061 min
Response: 478807
Conc: 1.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



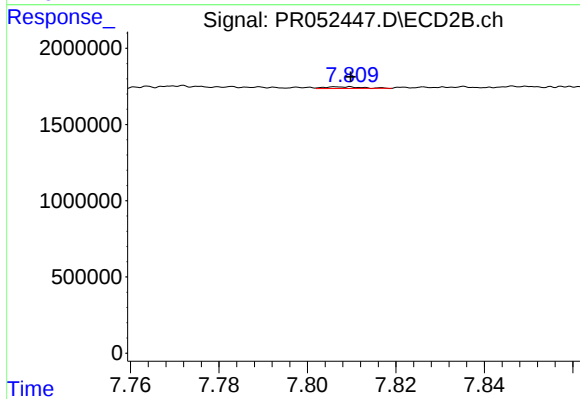
#41 AR-1268-1

R.T.: 7.771 min
Delta R.T.: 0.026 min
Response: 500580
Conc: 1.26 ng/ml



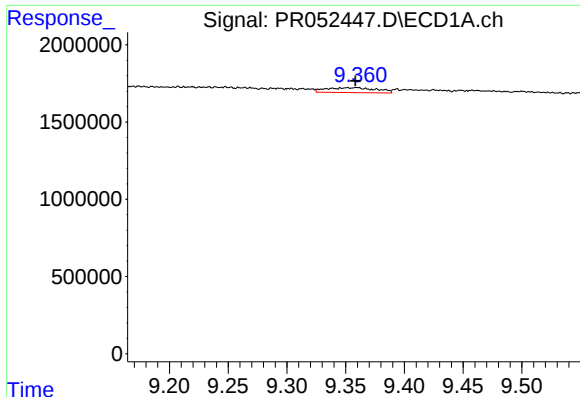
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.117 min
Response: 0
Conc: N.D.



#42 AR-1268-2

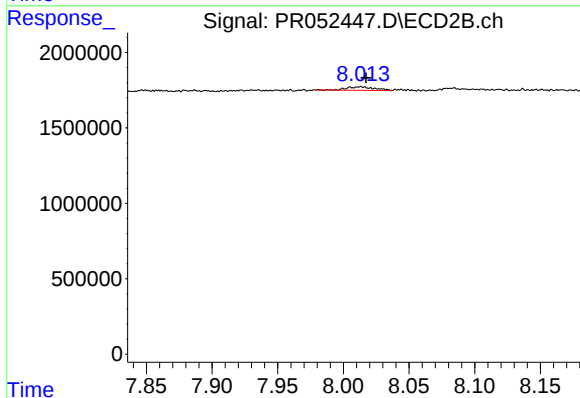
R.T.: 7.808 min
Delta R.T.: -0.002 min
Response: 64149
Conc: 0.17 ng/ml



#43 AR-1268-3

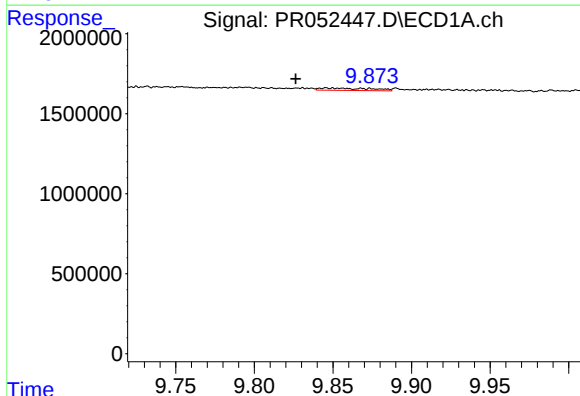
R.T.: 9.360 min
Delta R.T.: 0.001 min
Response: 938191
Conc: 2.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



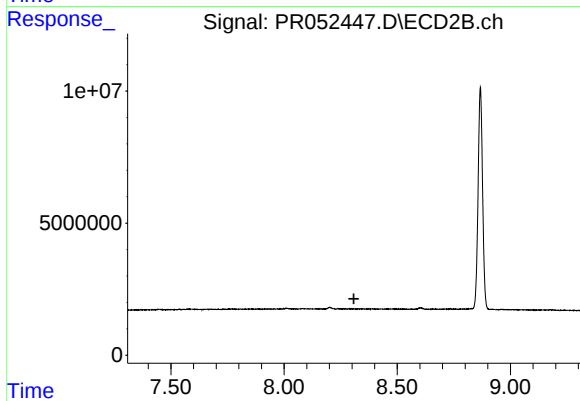
#43 AR-1268-3

R.T.: 8.013 min
Delta R.T.: -0.004 min
Response: 341711
Conc: 1.00 ng/ml



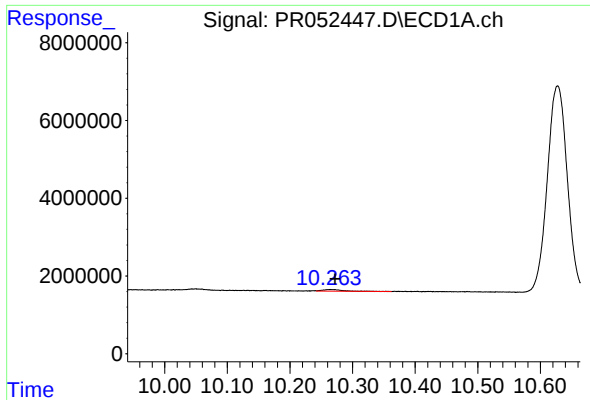
#44 AR-1268-4

R.T.: 9.846 min
Delta R.T.: 0.019 min
Response: 326940
Conc: 2.01 ng/ml



#44 AR-1268-4

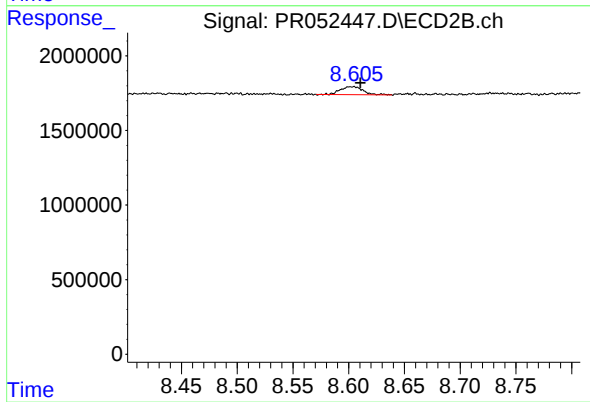
R.T.: 0.000 min
Exp R.T.: 8.308 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.265 min
Delta R.T.: -0.007 min
Response: 929241
Conc: 0.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.604 min
Delta R.T.: -0.007 min
Response: 740432
Conc: 0.63 ng/ml