

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 12:41
 Operator : AJ\MA
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 15:58:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 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...	3.690	2.901	54124685	75226576	17.729	17.676
2)	SA Decachlor...	9.665	8.128	55184066	76581524	19.453	17.616
Target Compounds							
3)	L1 AR-1016-1	4.929	4.005	257677	185525	2.328	1.255 #
4)	L1 AR-1016-2	4.957	4.040	299875	1653989	1.927	7.797 #
5)	L1 AR-1016-3	5.019	0.000	1612486	0	16.527	N.D. #
6)	L1 AR-1016-4	5.101	4.277f	58338	971054	0.750	11.359 #
7)	L1 AR-1016-5	5.452f	0.000	126564	0	1.591	N.D. #
8)	L2 AR-1221-1	3.898	3.110	497399	522797	12.555	11.008
9)	L2 AR-1221-2	4.006	3.201	744850	1565124	25.653	44.120 #
10)	L2 AR-1221-3	4.101f	3.285	406495	261064	4.547	2.307 #
11)	L3 AR-1232-1	4.101f	3.285	406495	261064	5.461	2.798 #
12)	L3 AR-1232-2	4.620f	4.040	503354	1653989	13.846	18.086 #
13)	L3 AR-1232-3	4.957	0.000	299875	0	4.256	N.D. #
14)	L3 AR-1232-4	5.101	4.277f	58338	971054	1.691	23.786 #
16)	L4 AR-1242-1	4.929	4.005	257677	185525	2.920	1.597 #
17)	L4 AR-1242-2	4.957	4.040	299875	1653989	2.417	9.919 #
18)	L4 AR-1242-3	5.019	0.000	1612486	0	20.638	N.D. #
19)	L4 AR-1242-4	5.101	4.277f	58338	971054	0.932	12.006 #
20)	L4 AR-1242-5	0.000	4.835	0	172610	N.D.	1.602 #
21)	L5 AR-1248-1	4.929	4.005	257677	185525	3.878	2.158 #
22)	L5 AR-1248-2	0.000	4.277f	0	971054	N.D.	8.076 #
23)	L5 AR-1248-3	5.452f	4.277f	126564	971054	1.202	7.966 #
24)	L5 AR-1248-4	5.839f	0.000	527713	0	4.389	N.D. #
25)	L5 AR-1248-5	0.000	4.886	0	346145	N.D.	2.252 #
26)	L6 AR-1254-1	5.839	4.835	527713	172610	4.381	0.714 #
27)	L6 AR-1254-2	6.108f	5.003	829015	79100	4.348	0.379 #
28)	L6 AR-1254-3	6.475	5.395f	559657	1064576	2.727	3.059
29)	L6 AR-1254-4	6.764f	5.661	1277602	117317	8.207	0.532 #
30)	L6 AR-1254-5	7.270f	6.105	2680755	710666	15.933	2.217 #
31)	L7 AR-1260-1	6.647	5.562	1950073	321356	12.240	1.311 #
32)	L7 AR-1260-2	6.932	5.765	1223202	1224250	6.339	3.939 #
33)	L7 AR-1260-3	7.329	5.926	812942	1626171	5.711	5.792
34)	L7 AR-1260-4	7.586	6.426	1841932	739077	11.267	3.070 #
35)	L7 AR-1260-5	7.917	6.690	1236979	247270	3.911	0.425 #
36)	L8 AR-1262-1	7.329	6.150	812942	170161	4.301	0.539 #
37)	L8 AR-1262-2	7.917	6.426	1236979	739077	3.671	2.565 #
38)	L8 AR-1262-3	0.000	7.017f	0	386665	N.D.	1.707 #
39)	L8 AR-1262-4	8.305	7.053	1471614	204175	8.362	0.475 #
40)	L8 AR-1262-5	8.980f	0.000	203170	0	1.622	N.D. #
41)	L9 AR-1268-1	0.000	7.017f	0	386665	N.D.	0.525 #
42)	L9 AR-1268-2	8.305	7.053	1471614	204175	3.912	0.305 #

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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	8.550	0.000	2733413	0	8.524	N.D. #
45) L9	AR-1268-5	9.355	7.890	969544	1158016	0.917	0.616 #

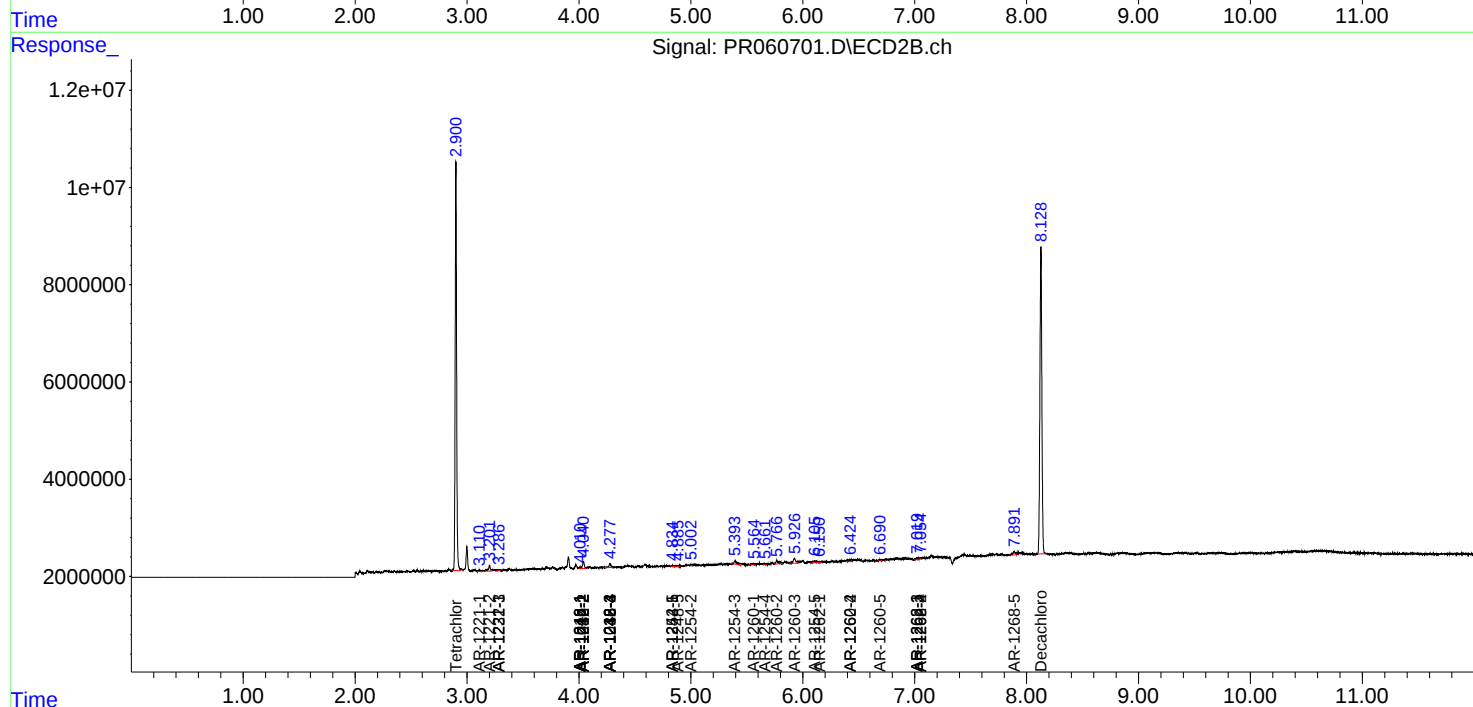
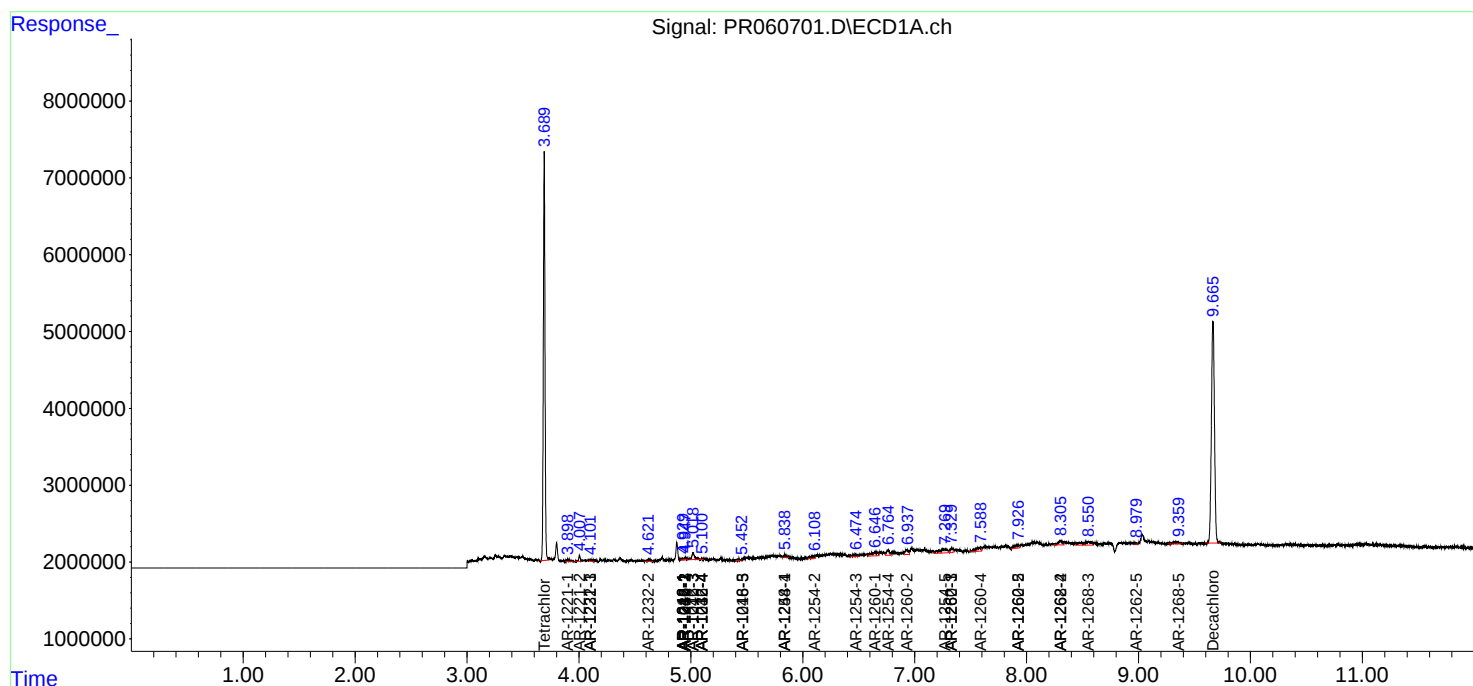
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

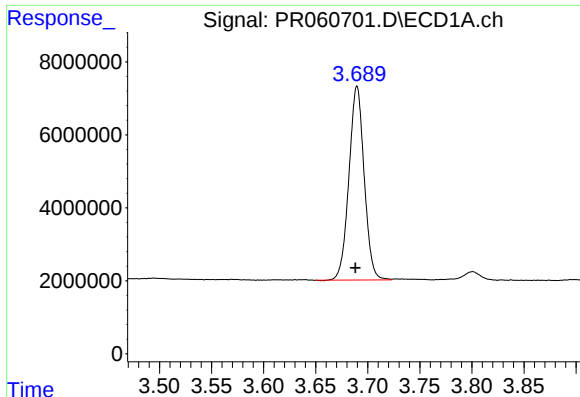
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

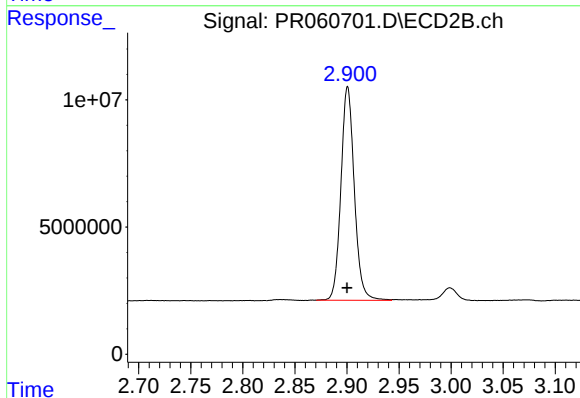




#1 Tetrachloro-m-xylene

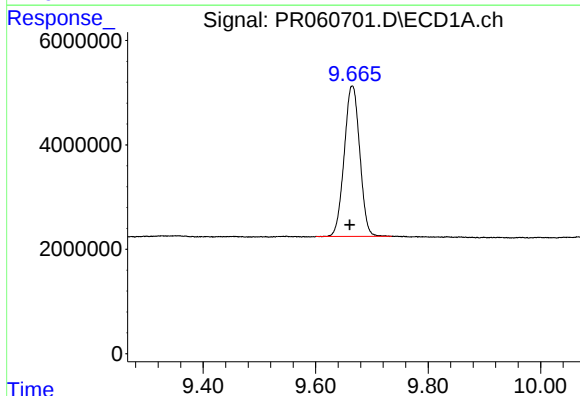
R.T.: 3.690 min
Delta R.T.: 0.002 min
Response: 54124685
Conc: 17.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



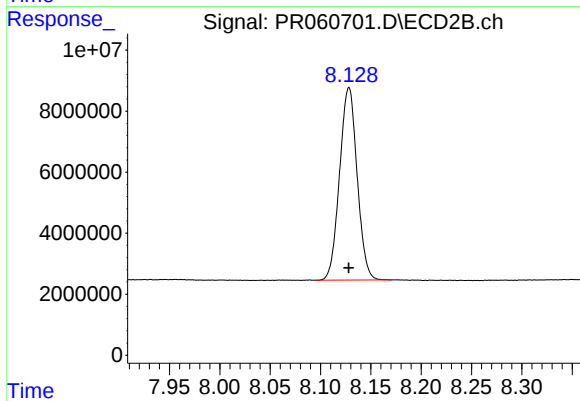
#1 Tetrachloro-m-xylene

R.T.: 2.901 min
Delta R.T.: 0.000 min
Response: 75226576
Conc: 17.68 ng/ml



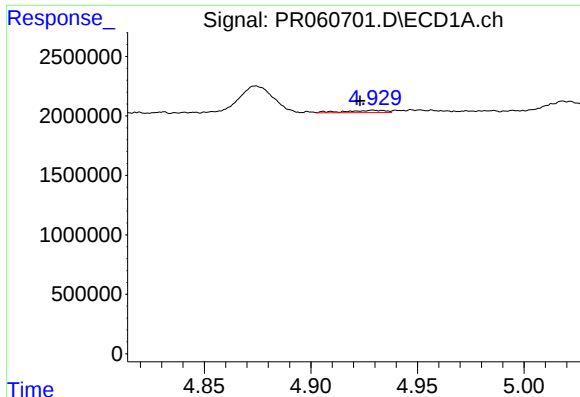
#2 Decachlorobiphenyl

R.T.: 9.665 min
Delta R.T.: 0.004 min
Response: 55184066
Conc: 19.45 ng/ml



#2 Decachlorobiphenyl

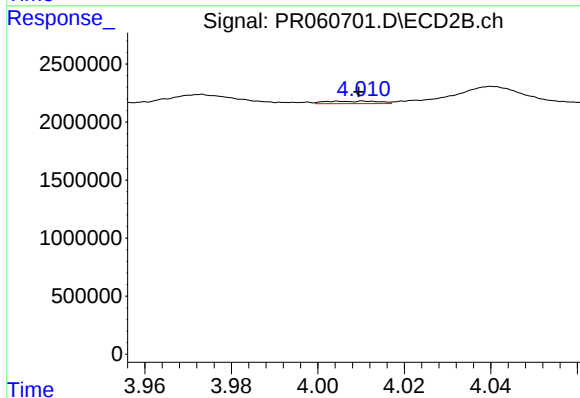
R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 76581524
Conc: 17.62 ng/ml



#3 AR-1016-1

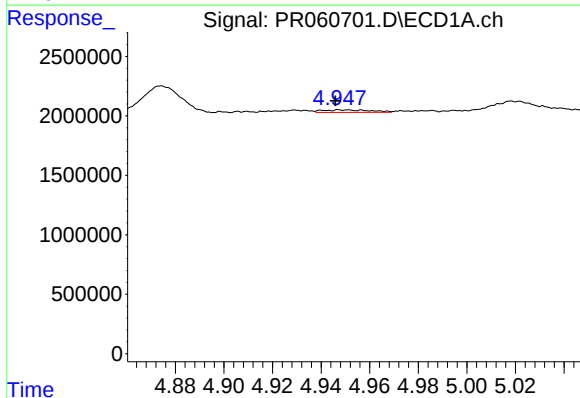
R.T.: 4.929 min
Delta R.T.: 0.006 min
Response: 257677
Conc: 2.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



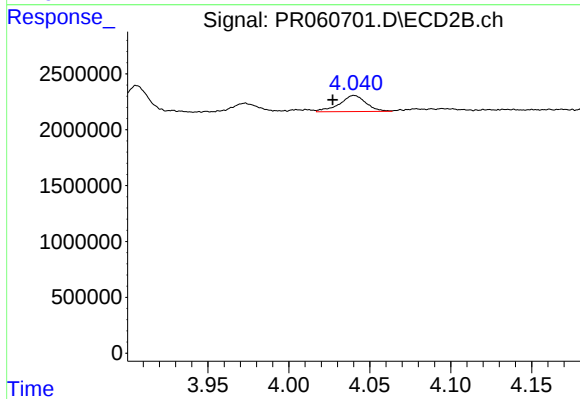
#3 AR-1016-1

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 185525
Conc: 1.25 ng/ml



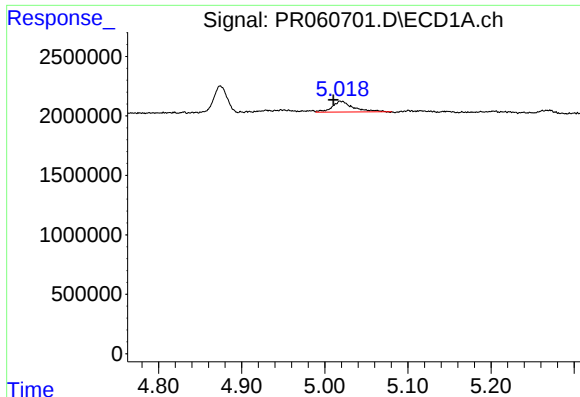
#4 AR-1016-2

R.T.: 4.957 min
Delta R.T.: 0.011 min
Response: 299875
Conc: 1.93 ng/ml



#4 AR-1016-2

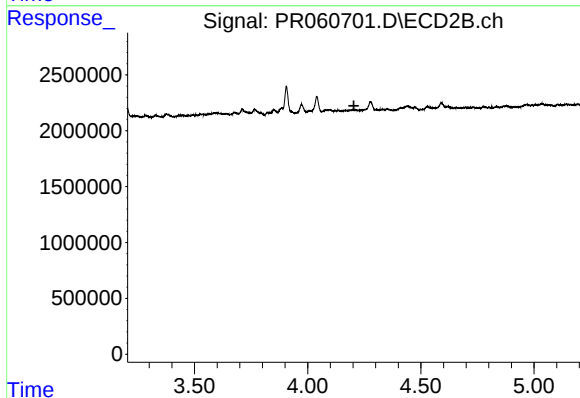
R.T.: 4.040 min
Delta R.T.: 0.013 min
Response: 1653989
Conc: 7.80 ng/ml



#5 AR-1016-3

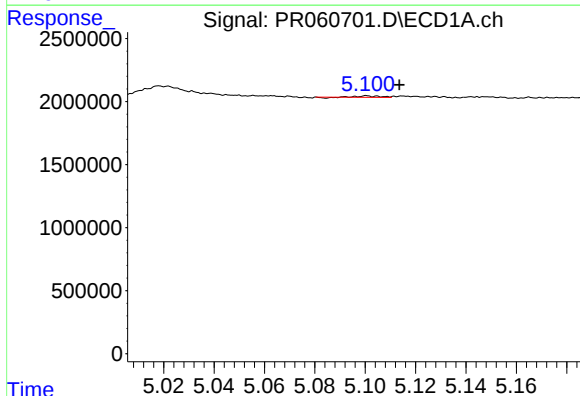
R.T.: 5.019 min
Delta R.T.: 0.008 min
Response: 1612486
Conc: 16.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



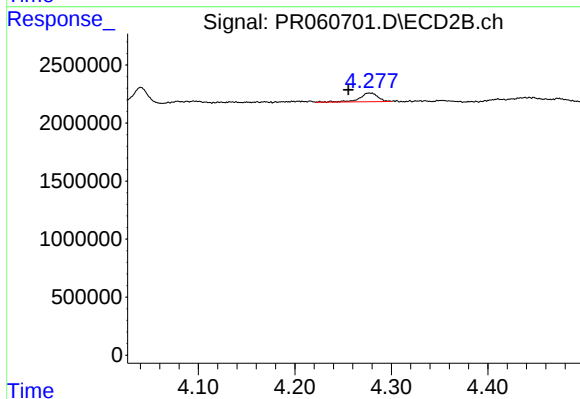
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



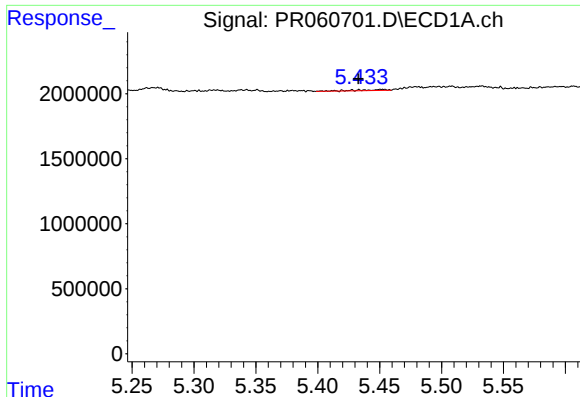
#6 AR-1016-4

R.T.: 5.101 min
Delta R.T.: -0.013 min
Response: 58338
Conc: 0.75 ng/ml



#6 AR-1016-4

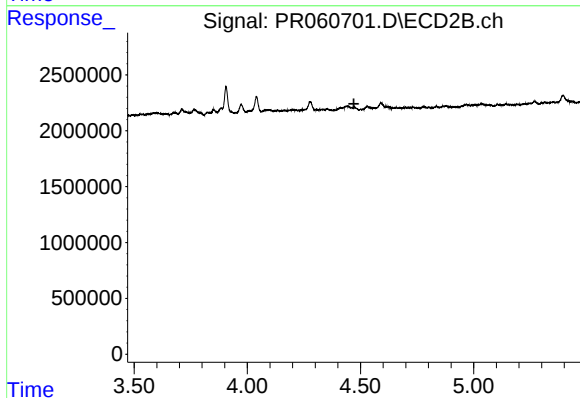
R.T.: 4.277 min
Delta R.T.: 0.022 min
Response: 971054
Conc: 11.36 ng/ml



#7 AR-1016-5

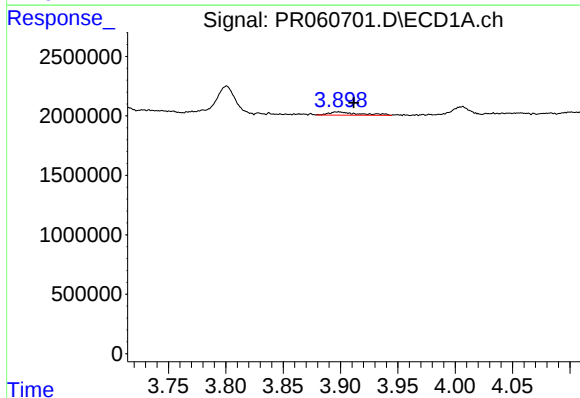
R.T.: 5.452 min
Delta R.T.: 0.020 min
Response: 126564
Conc: 1.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



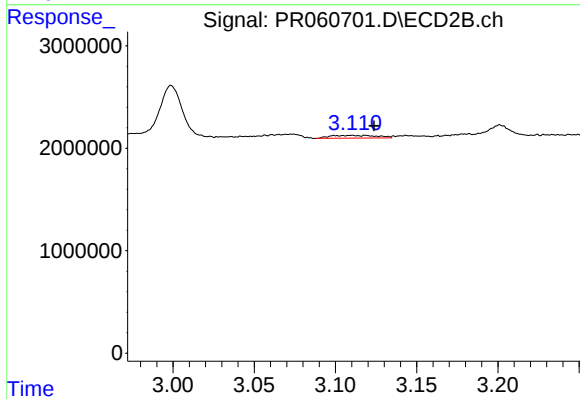
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.471 min
Response: 0
Conc: N.D.



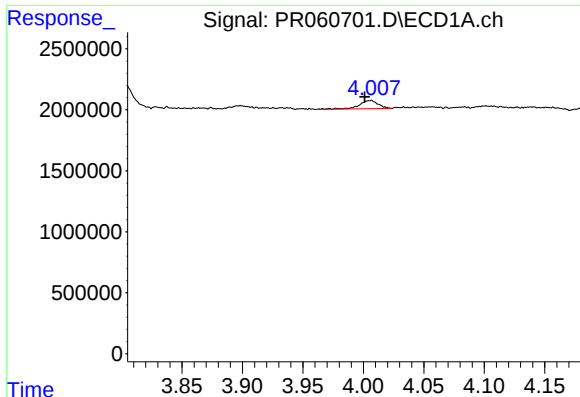
#8 AR-1221-1

R.T.: 3.898 min
Delta R.T.: -0.013 min
Response: 497399
Conc: 12.56 ng/ml



#8 AR-1221-1

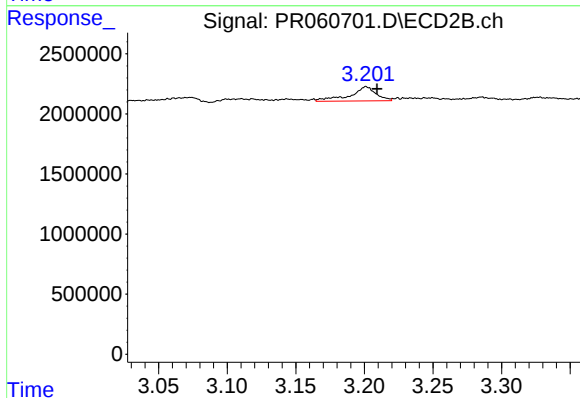
R.T.: 3.110 min
Delta R.T.: -0.014 min
Response: 522797
Conc: 11.01 ng/ml



#9 AR-1221-2

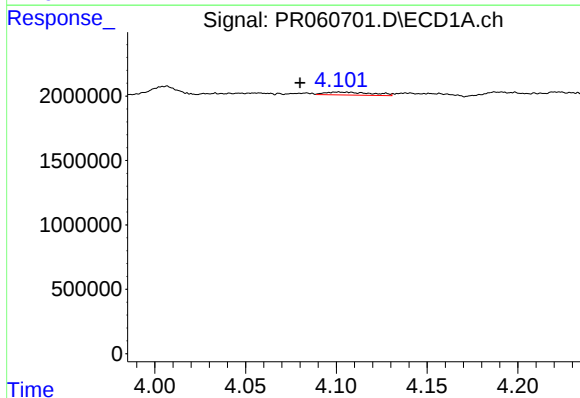
R.T.: 4.006 min
Delta R.T.: 0.005 min
Response: 744850
Conc: 25.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



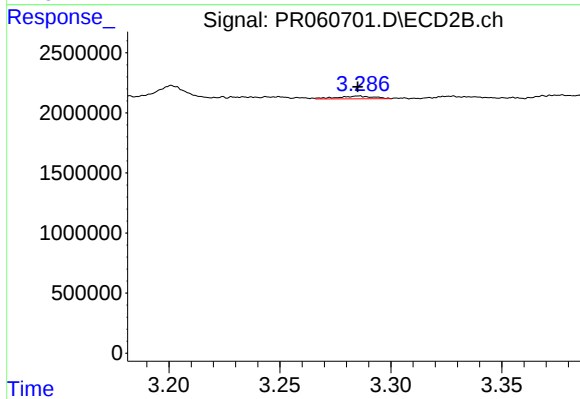
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.008 min
Response: 1565124
Conc: 44.12 ng/ml



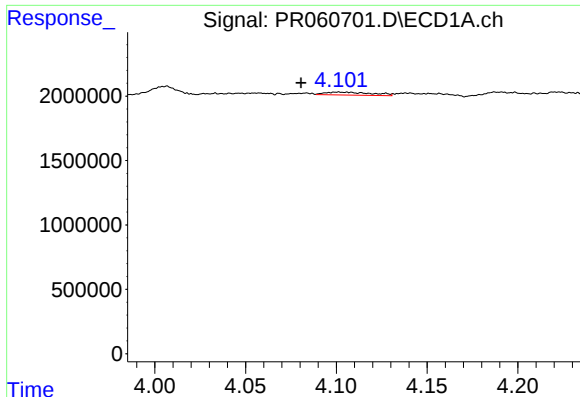
#10 AR-1221-3

R.T.: 4.101 min
Delta R.T.: 0.021 min
Response: 406495
Conc: 4.55 ng/ml



#10 AR-1221-3

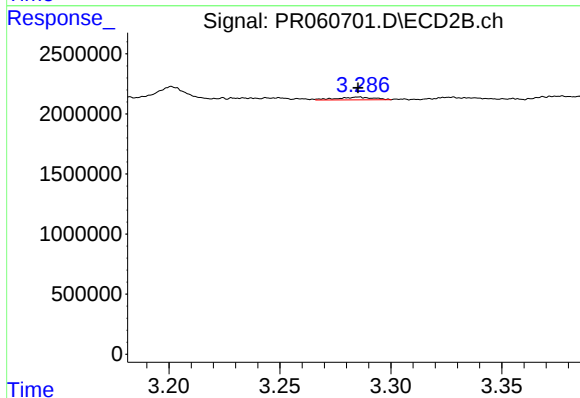
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 261064
Conc: 2.31 ng/ml



#11 AR-1232-1

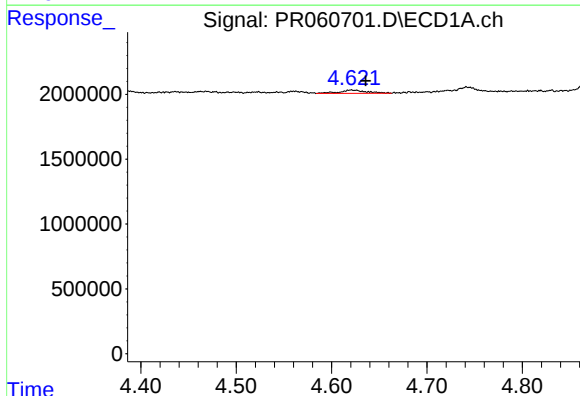
R.T.: 4.101 min
Delta R.T.: 0.021 min
Response: 406495
Conc: 5.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



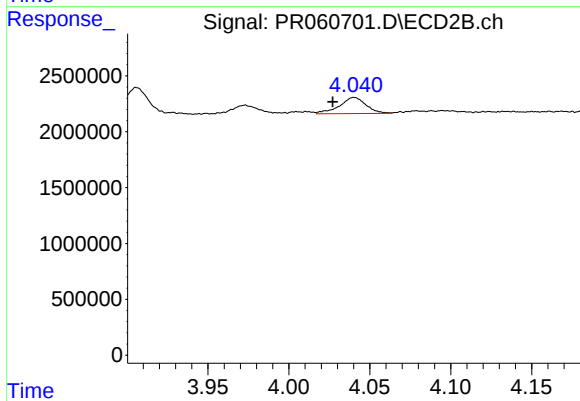
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 261064
Conc: 2.80 ng/ml



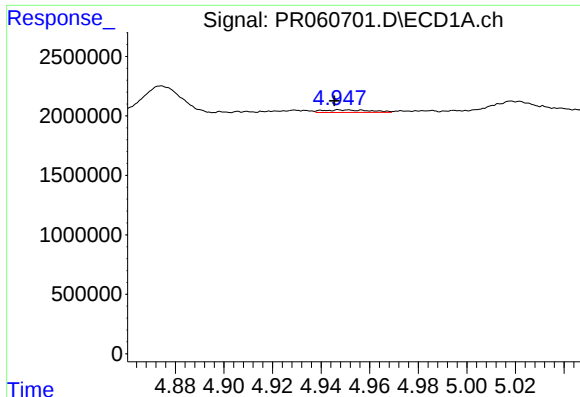
#12 AR-1232-2

R.T.: 4.620 min
Delta R.T.: -0.015 min
Response: 503354
Conc: 13.85 ng/ml



#12 AR-1232-2

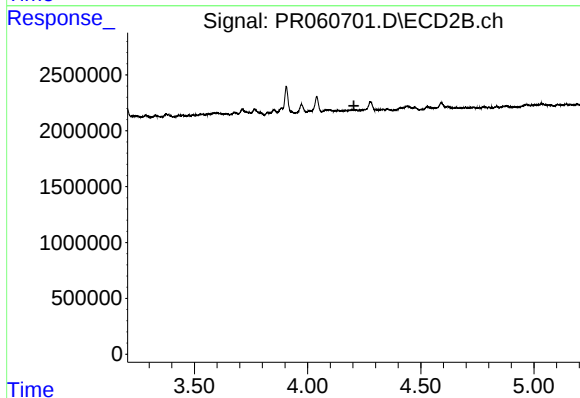
R.T.: 4.040 min
Delta R.T.: 0.013 min
Response: 1653989
Conc: 18.09 ng/ml



#13 AR-1232-3

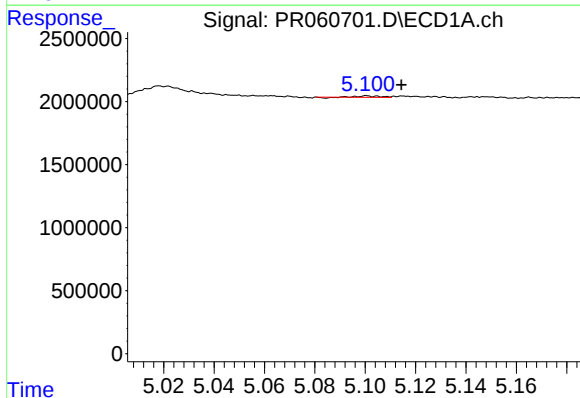
R.T.: 4.957 min
Delta R.T.: 0.011 min
Response: 299875
Conc: 4.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



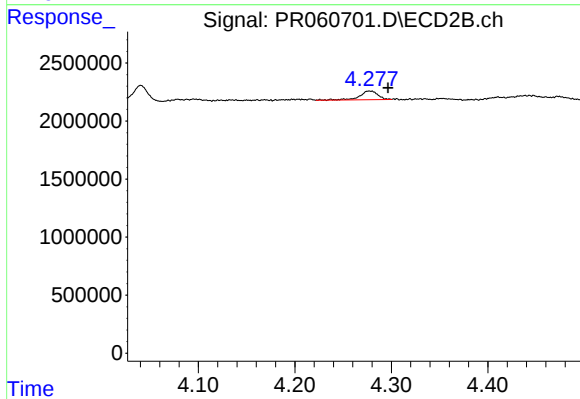
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.205 min
Response: 0
Conc: N.D.



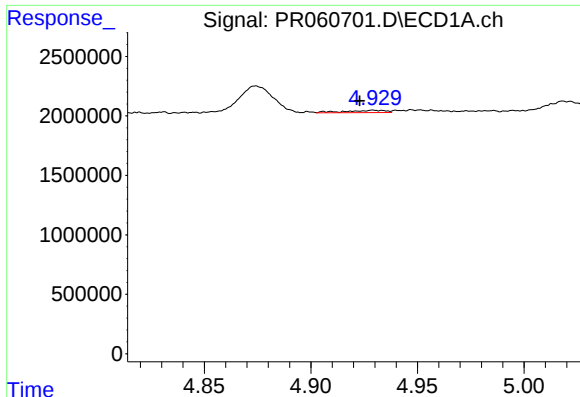
#14 AR-1232-4

R.T.: 5.101 min
Delta R.T.: -0.014 min
Response: 58338
Conc: 1.69 ng/ml



#14 AR-1232-4

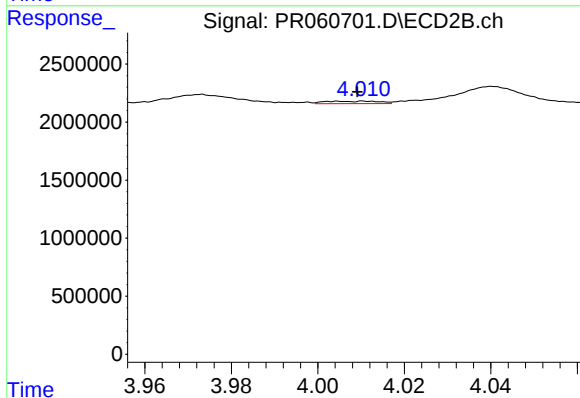
R.T.: 4.277 min
Delta R.T.: -0.019 min
Response: 971054
Conc: 23.79 ng/ml



#16 AR-1242-1

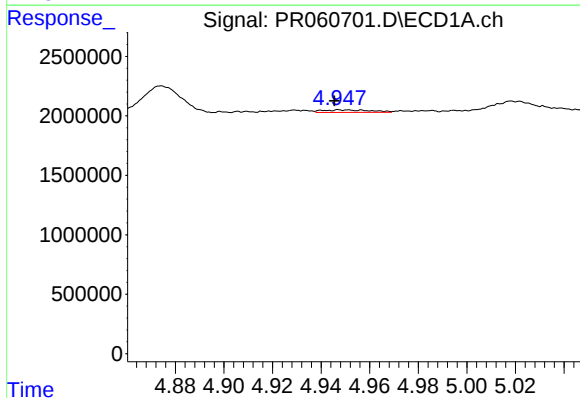
R.T.: 4.929 min
Delta R.T.: 0.006 min
Response: 257677
Conc: 2.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



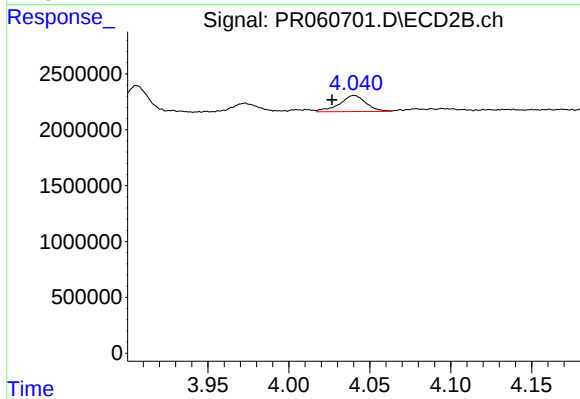
#16 AR-1242-1

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 185525
Conc: 1.60 ng/ml



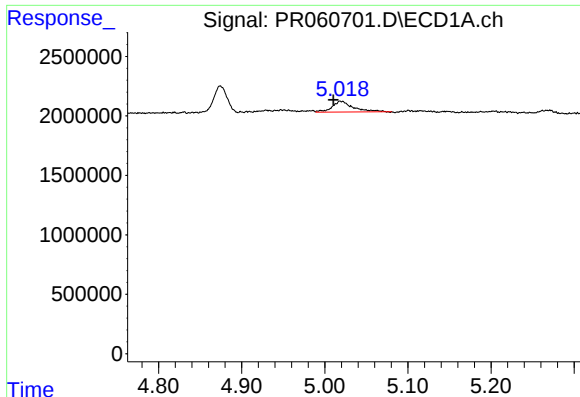
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.011 min
Response: 299875
Conc: 2.42 ng/ml



#17 AR-1242-2

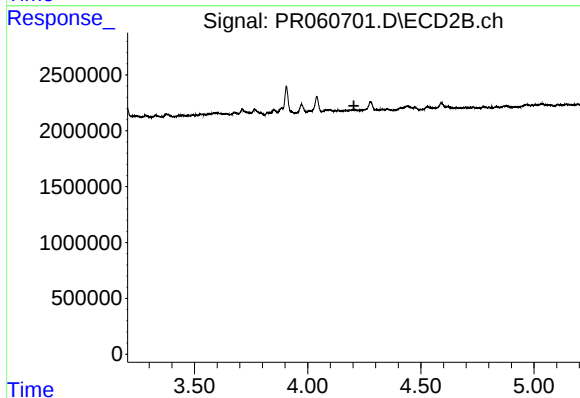
R.T.: 4.040 min
Delta R.T.: 0.014 min
Response: 1653989
Conc: 9.92 ng/ml



#18 AR-1242-3

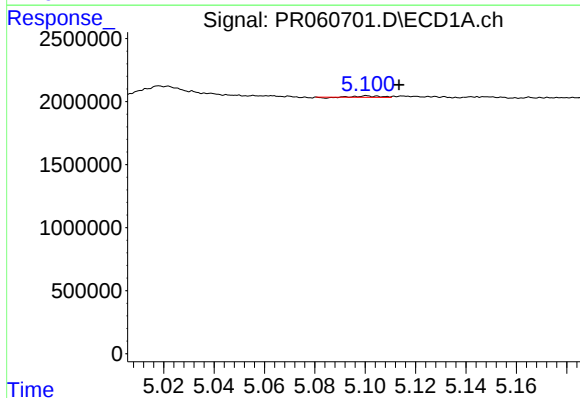
R.T.: 5.019 min
Delta R.T.: 0.008 min
Response: 1612486
Conc: 20.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



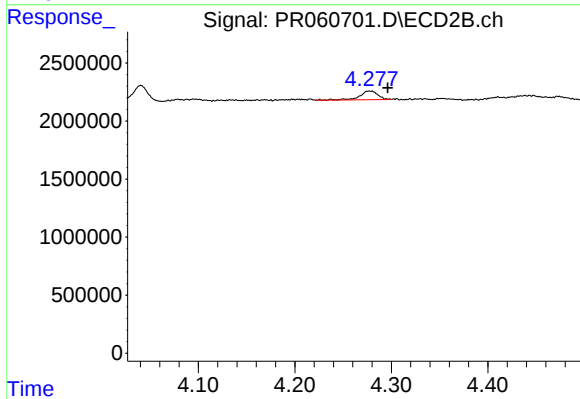
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



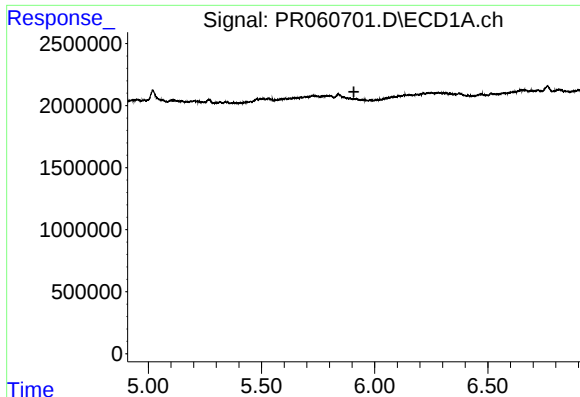
#19 AR-1242-4

R.T.: 5.101 min
Delta R.T.: -0.013 min
Response: 58338
Conc: 0.93 ng/ml



#19 AR-1242-4

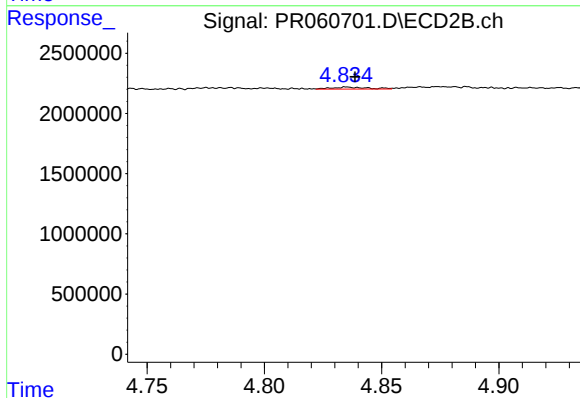
R.T.: 4.277 min
Delta R.T.: -0.019 min
Response: 971054
Conc: 12.01 ng/ml



#20 AR-1242-5

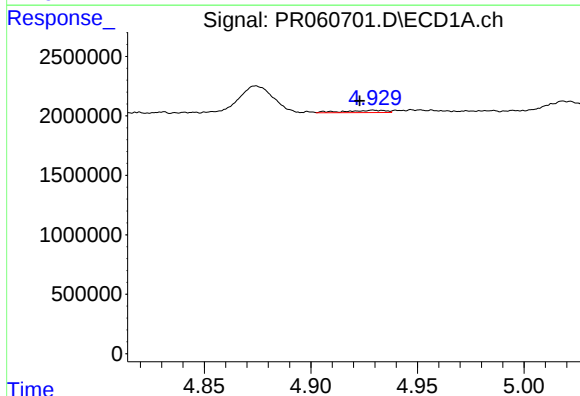
R.T.: 0.000 min
Exp R.T.: 5.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



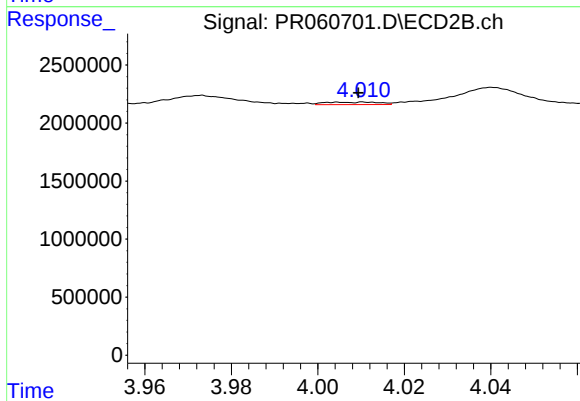
#20 AR-1242-5

R.T.: 4.835 min
Delta R.T.: -0.003 min
Response: 172610
Conc: 1.60 ng/ml



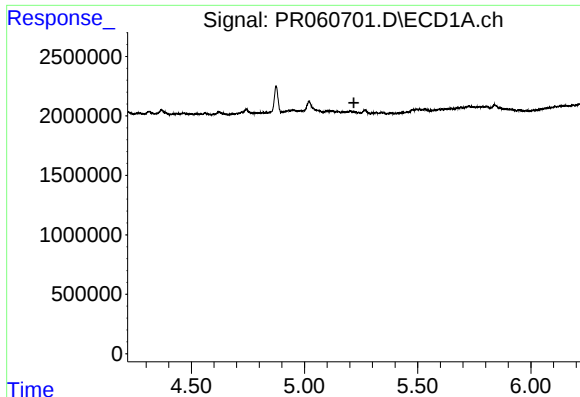
#21 AR-1248-1

R.T.: 4.929 min
Delta R.T.: 0.006 min
Response: 257677
Conc: 3.88 ng/ml



#21 AR-1248-1

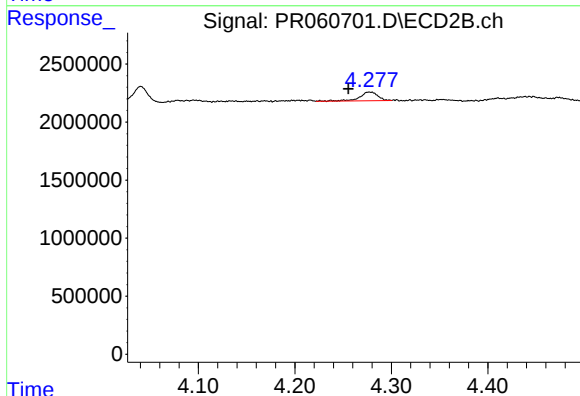
R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 185525
Conc: 2.16 ng/ml



#22 AR-1248-2

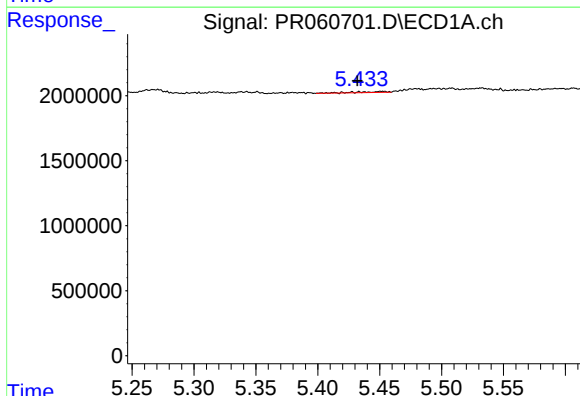
R.T.: 0.000 min
Exp R.T.: 5.218 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



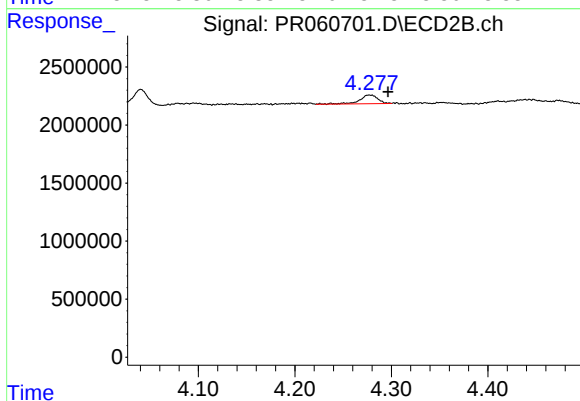
#22 AR-1248-2

R.T.: 4.277 min
Delta R.T.: 0.022 min
Response: 971054
Conc: 8.08 ng/ml



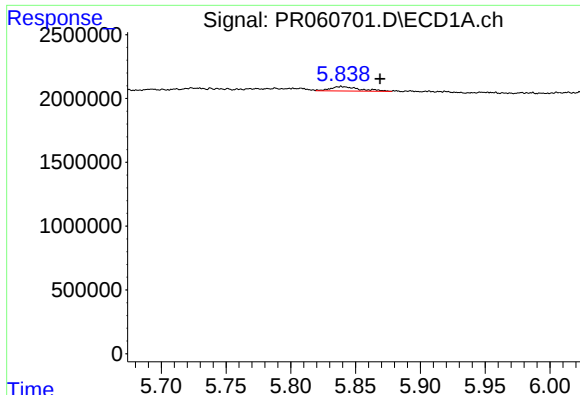
#23 AR-1248-3

R.T.: 5.452 min
Delta R.T.: 0.020 min
Response: 126564
Conc: 1.20 ng/ml



#23 AR-1248-3

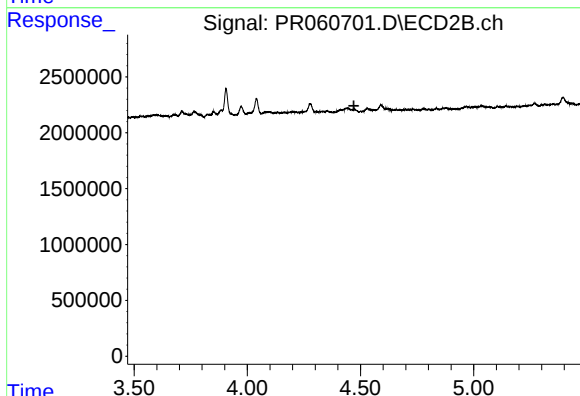
R.T.: 4.277 min
Delta R.T.: -0.019 min
Response: 971054
Conc: 7.97 ng/ml



#24 AR-1248-4

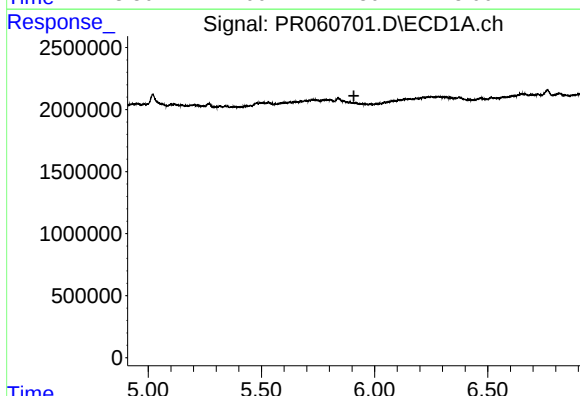
R.T.: 5.839 min
Delta R.T.: -0.030 min
Response: 527713
Conc: 4.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



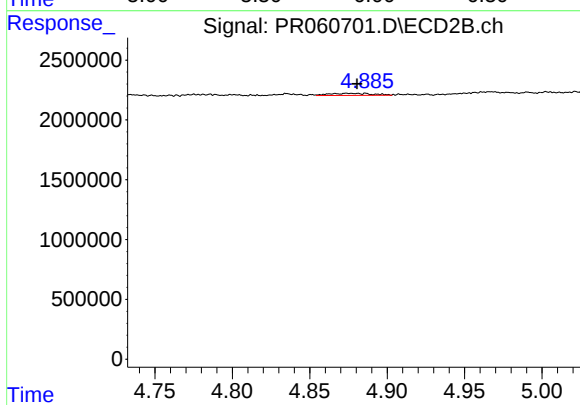
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.471 min
Response: 0
Conc: N.D.



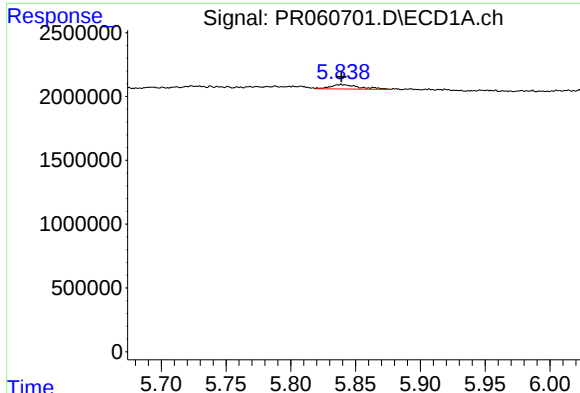
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.908 min
Response: 0
Conc: N.D.



#25 AR-1248-5

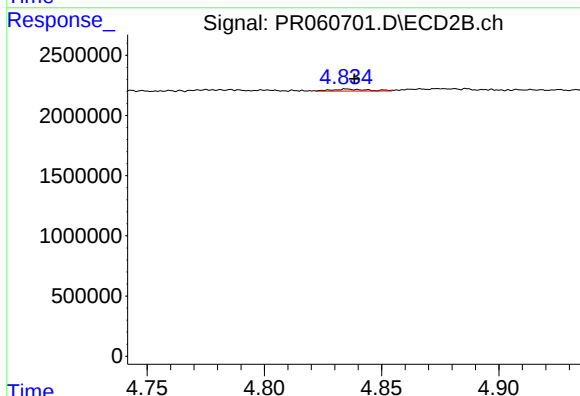
R.T.: 4.886 min
Delta R.T.: 0.006 min
Response: 346145
Conc: 2.25 ng/ml



#26 AR-1254-1

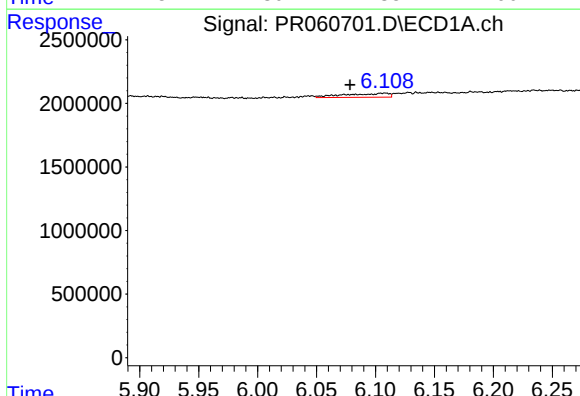
R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 527713
Conc: 4.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



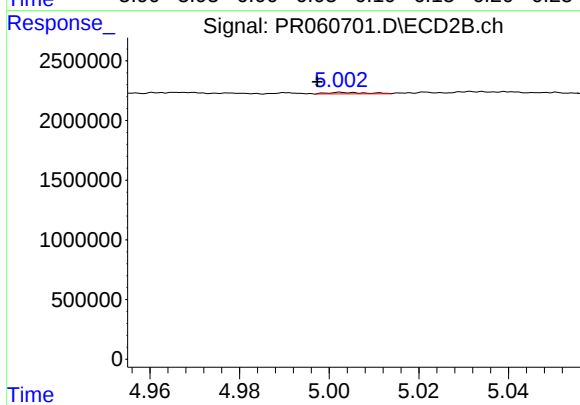
#26 AR-1254-1

R.T.: 4.835 min
Delta R.T.: -0.003 min
Response: 172610
Conc: 0.71 ng/ml



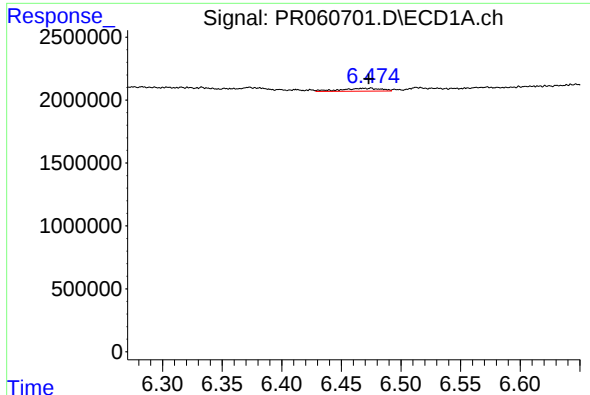
#27 AR-1254-2

R.T.: 6.108 min
Delta R.T.: 0.030 min
Response: 829015
Conc: 4.35 ng/ml



#27 AR-1254-2

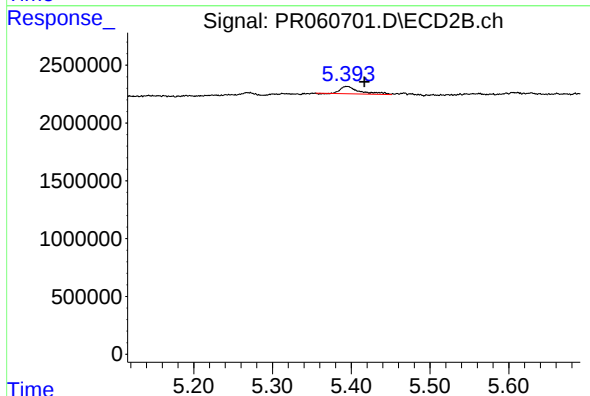
R.T.: 5.003 min
Delta R.T.: 0.006 min
Response: 79100
Conc: 0.38 ng/ml



#28 AR-1254-3

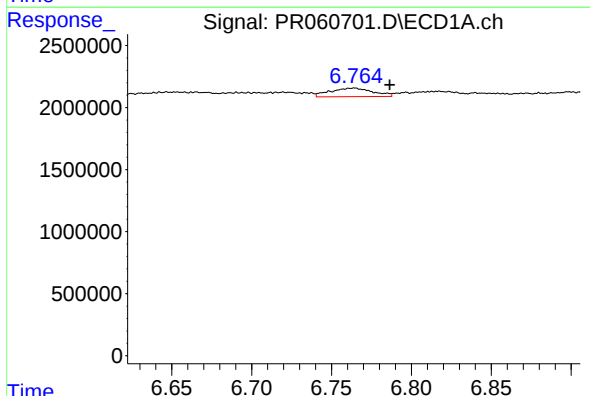
R.T.: 6.475 min
Delta R.T.: 0.002 min
Response: 559657
Conc: 2.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



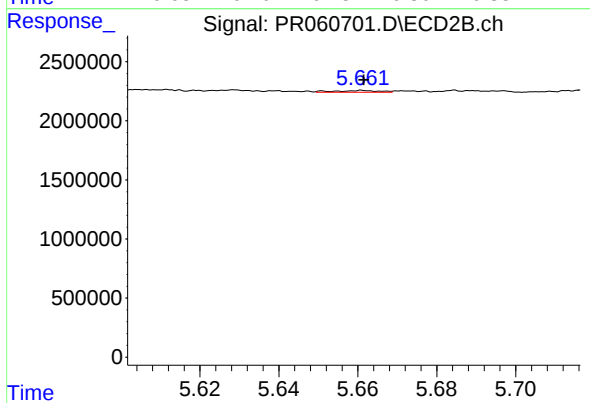
#28 AR-1254-3

R.T.: 5.395 min
Delta R.T.: -0.022 min
Response: 1064576
Conc: 3.06 ng/ml



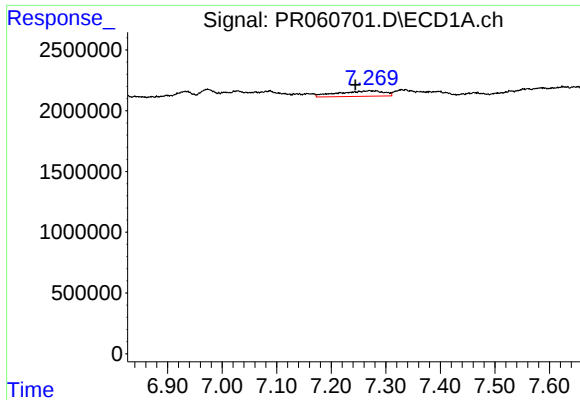
#29 AR-1254-4

R.T.: 6.764 min
Delta R.T.: -0.023 min
Response: 1277602
Conc: 8.21 ng/ml



#29 AR-1254-4

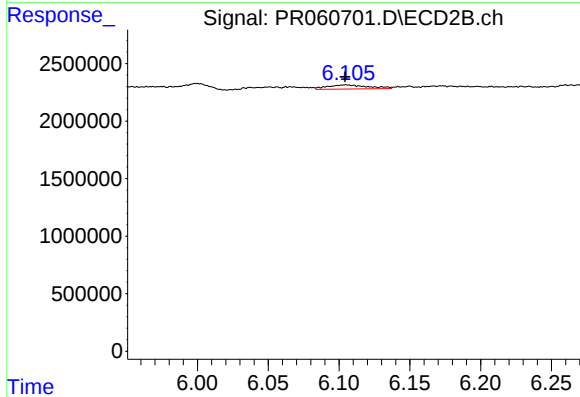
R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 117317
Conc: 0.53 ng/ml



#30 AR-1254-5

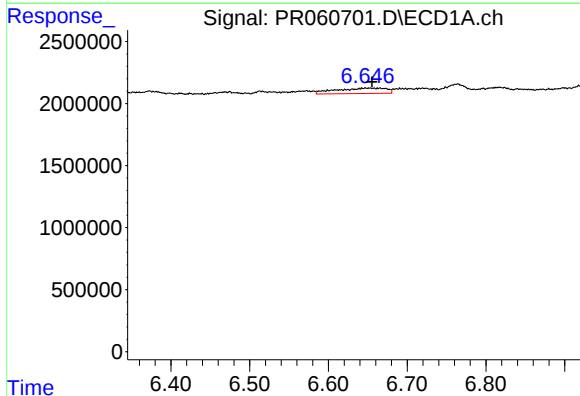
R.T.: 7.270 min
Delta R.T.: 0.025 min
Response: 2680755
Conc: 15.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



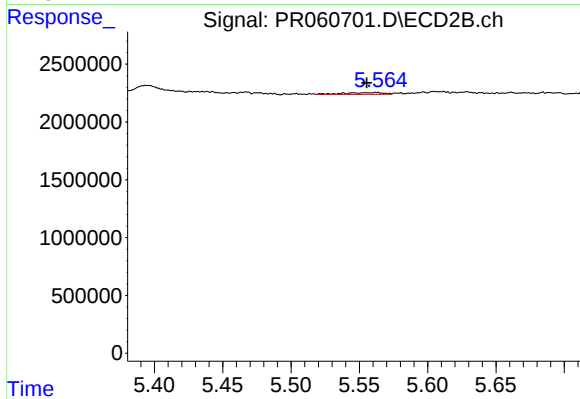
#30 AR-1254-5

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 710666
Conc: 2.22 ng/ml



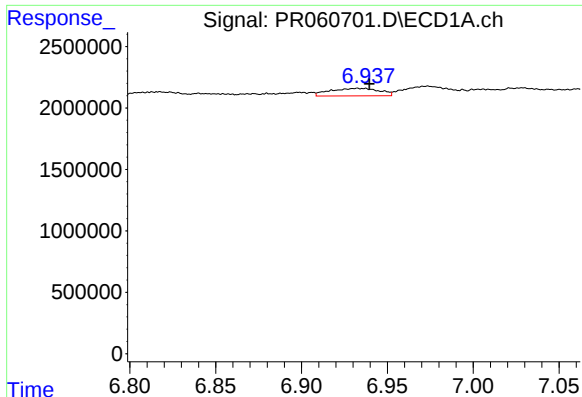
#31 AR-1260-1

R.T.: 6.647 min
Delta R.T.: -0.008 min
Response: 1950073
Conc: 12.24 ng/ml



#31 AR-1260-1

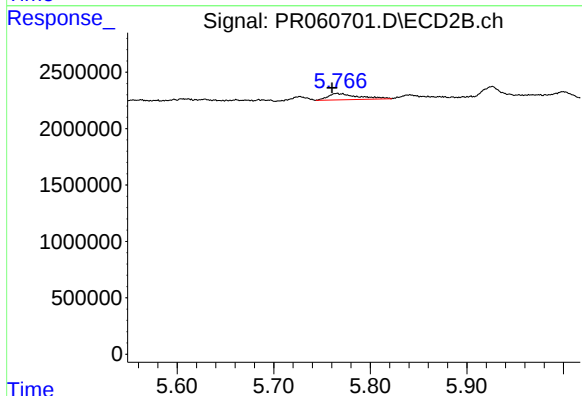
R.T.: 5.562 min
Delta R.T.: 0.007 min
Response: 321356
Conc: 1.31 ng/ml



#32 AR-1260-2

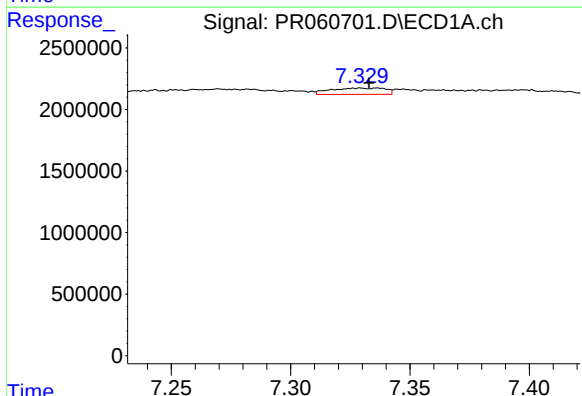
R.T.: 6.932 min
Delta R.T.: -0.007 min
Response: 1223202
Conc: 6.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



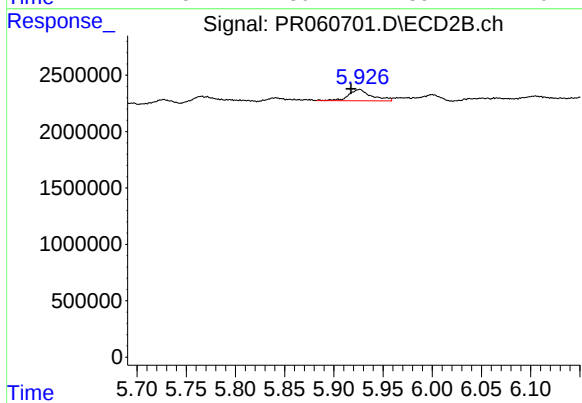
#32 AR-1260-2

R.T.: 5.765 min
Delta R.T.: 0.005 min
Response: 1224250
Conc: 3.94 ng/ml



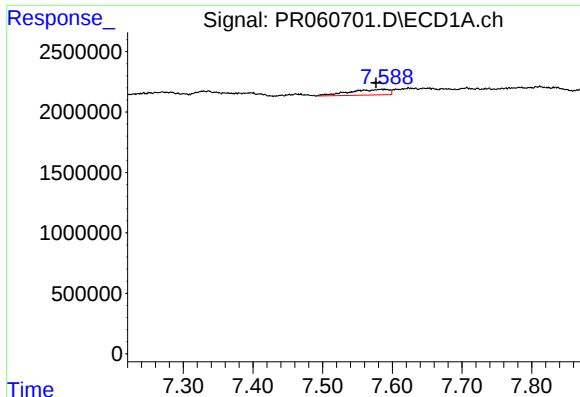
#33 AR-1260-3

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 812942
Conc: 5.71 ng/ml



#33 AR-1260-3

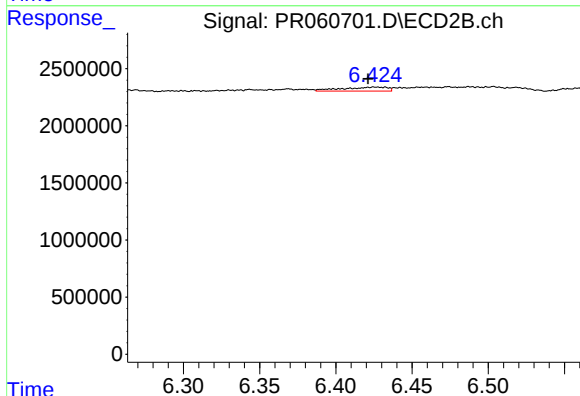
R.T.: 5.926 min
Delta R.T.: 0.009 min
Response: 1626171
Conc: 5.79 ng/ml



#34 AR-1260-4

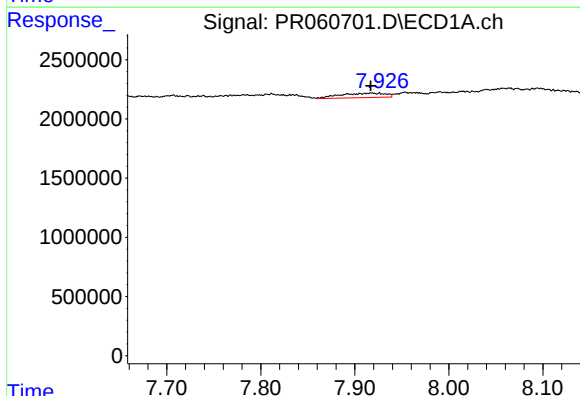
R.T.: 7.586 min
Delta R.T.: 0.009 min
Response: 1841932
Conc: 11.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



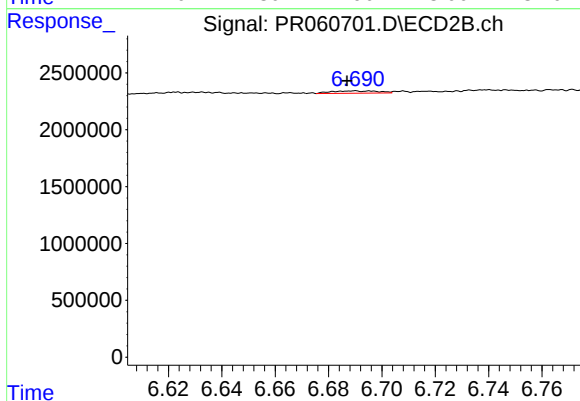
#34 AR-1260-4

R.T.: 6.426 min
Delta R.T.: 0.005 min
Response: 739077
Conc: 3.07 ng/ml



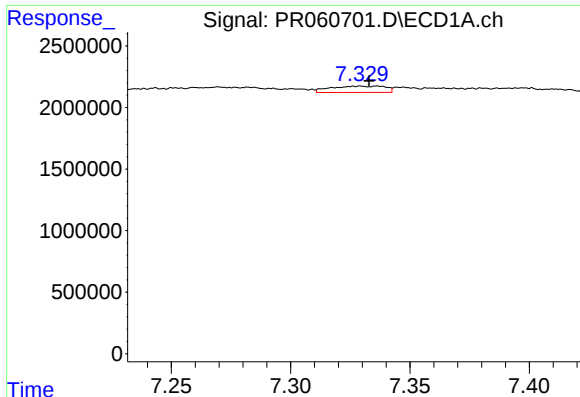
#35 AR-1260-5

R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 1236979
Conc: 3.91 ng/ml



#35 AR-1260-5

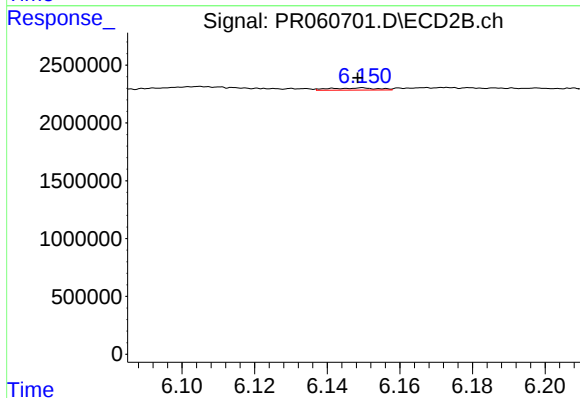
R.T.: 6.690 min
Delta R.T.: 0.003 min
Response: 247270
Conc: 0.42 ng/ml



#36 AR-1262-1

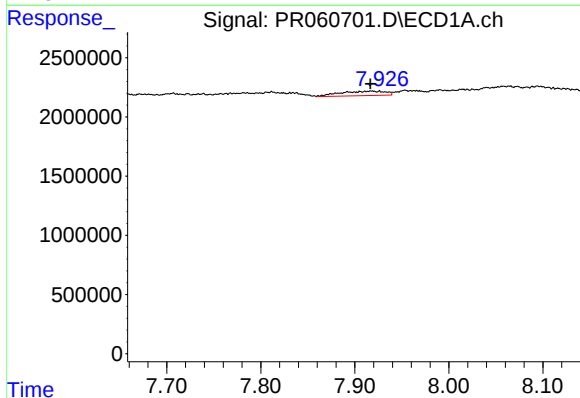
R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 812942
Conc: 4.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



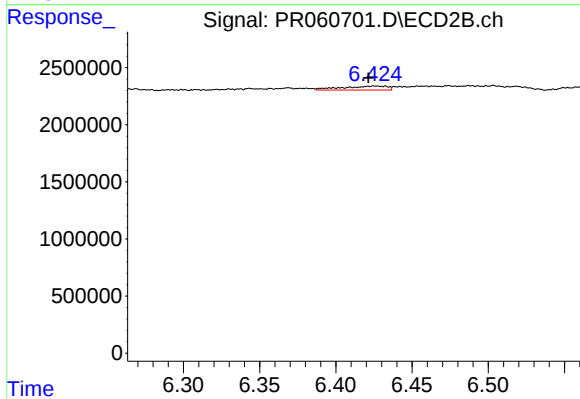
#36 AR-1262-1

R.T.: 6.150 min
Delta R.T.: 0.001 min
Response: 170161
Conc: 0.54 ng/ml



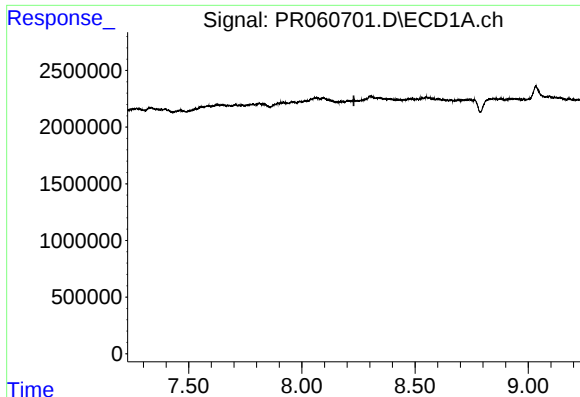
#37 AR-1262-2

R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 1236979
Conc: 3.67 ng/ml



#37 AR-1262-2

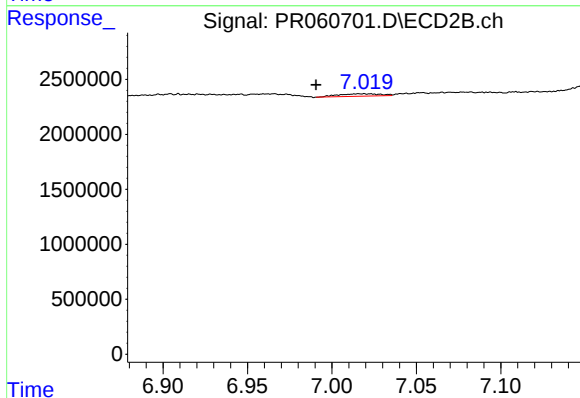
R.T.: 6.426 min
Delta R.T.: 0.004 min
Response: 739077
Conc: 2.56 ng/ml



#38 AR-1262-3

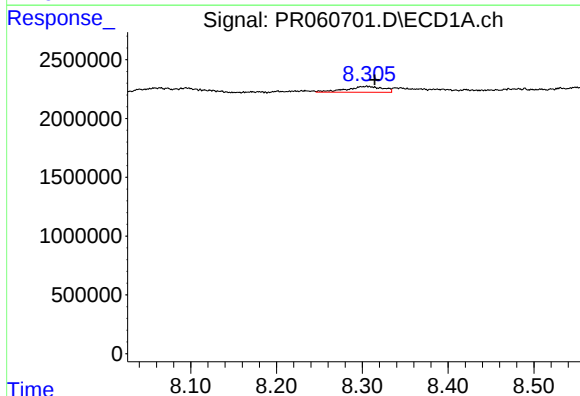
R.T.: 0.000 min
Exp R.T.: 8.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



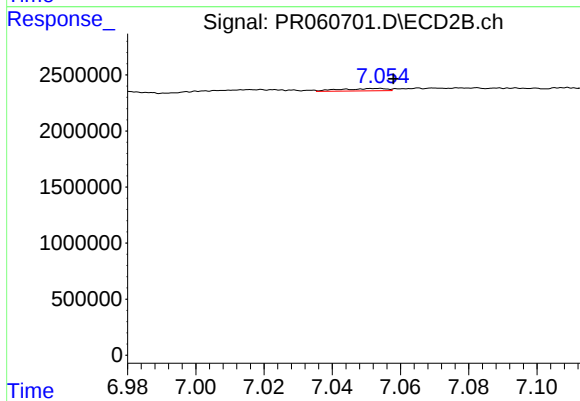
#38 AR-1262-3

R.T.: 7.017 min
Delta R.T.: 0.026 min
Response: 386665
Conc: 1.71 ng/ml



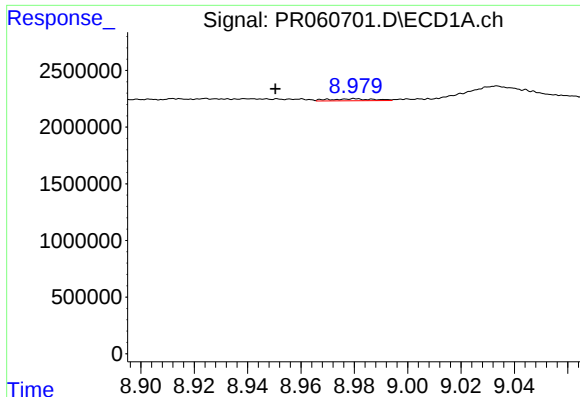
#39 AR-1262-4

R.T.: 8.305 min
Delta R.T.: -0.009 min
Response: 1471614
Conc: 8.36 ng/ml



#39 AR-1262-4

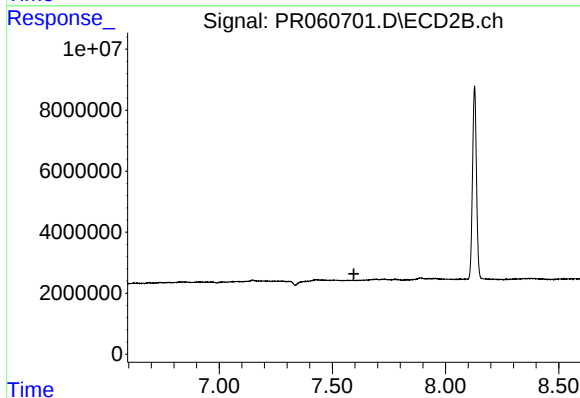
R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 204175
Conc: 0.47 ng/ml



#40 AR-1262-5

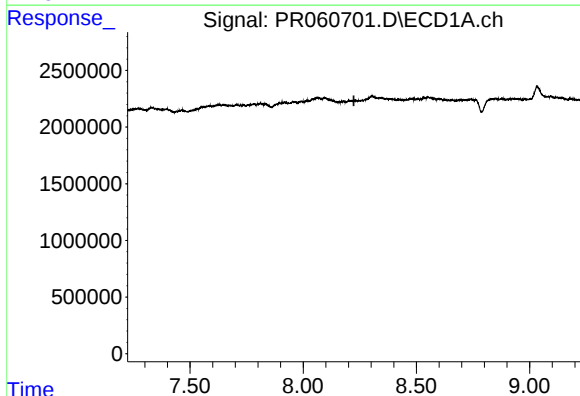
R.T.: 8.980 min
Delta R.T.: 0.030 min
Response: 203170
Conc: 1.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



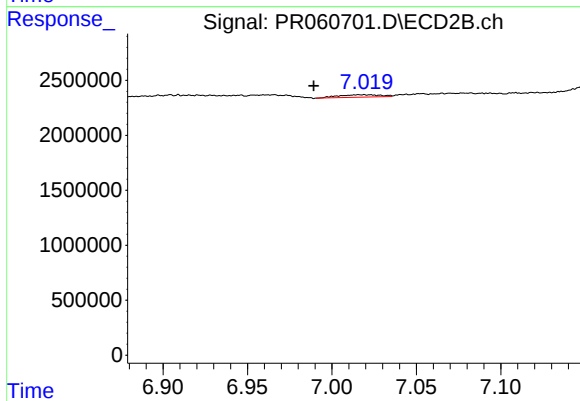
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



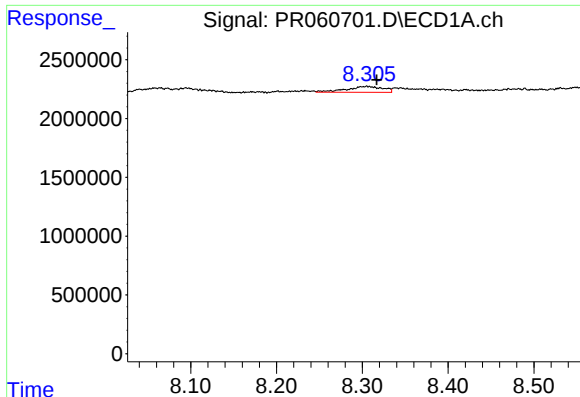
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.224 min
Response: 0
Conc: N.D.



#41 AR-1268-1

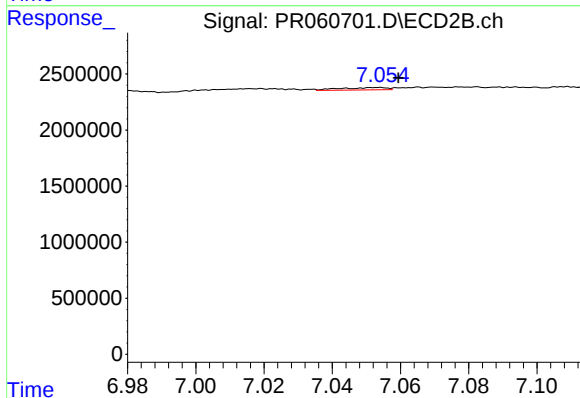
R.T.: 7.017 min
Delta R.T.: 0.028 min
Response: 386665
Conc: 0.52 ng/ml



#42 AR-1268-2

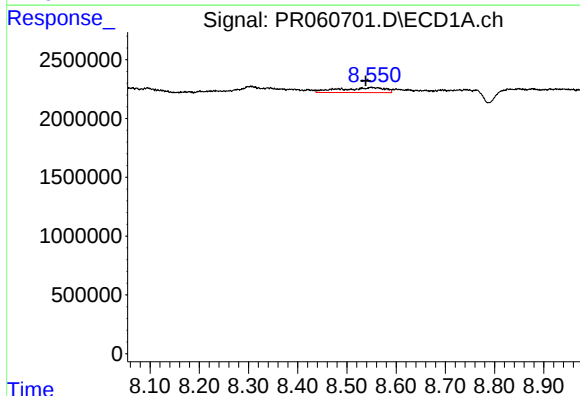
R.T.: 8.305 min
Delta R.T.: -0.011 min
Response: 1471614
Conc: 3.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



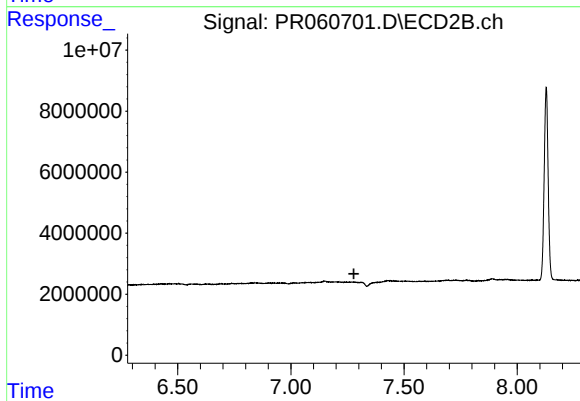
#42 AR-1268-2

R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 204175
Conc: 0.31 ng/ml



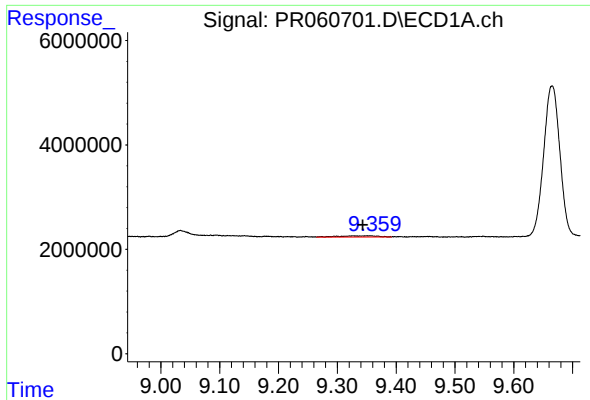
#43 AR-1268-3

R.T.: 8.550 min
Delta R.T.: 0.012 min
Response: 2733413
Conc: 8.52 ng/ml



#43 AR-1268-3

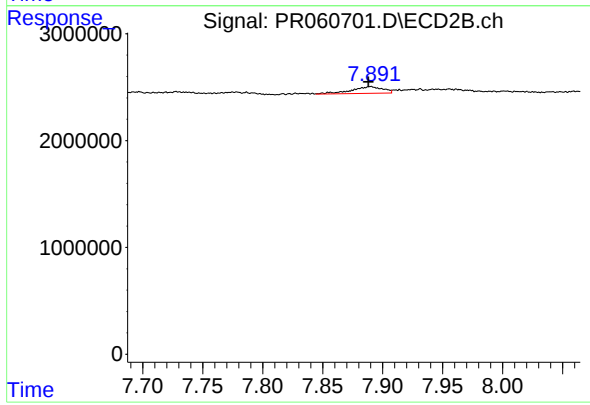
R.T.: 0.000 min
Exp R.T.: 7.278 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.355 min
Delta R.T.: 0.012 min
Response: 969544
Conc: 0.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.890 min
Delta R.T.: 0.002 min
Response: 1158016
Conc: 0.62 ng/ml