

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112223\
 Data File : PR064544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Nov 2023 05:59
 Operator : AJ\MA
 Sample : 05459-17
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 07:33:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112023CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 05:53:23 2023
 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...	3.703	3.009	113.0E6	105.2E6	18.545	18.502
2)	SA Decachlor...	9.721	8.389	70679707	83360130	20.021	19.251
Target Compounds							
3)	L1 AR-1016-1	4.947	4.156	9192739	8628481	50.439	45.216
4)	L1 AR-1016-2	4.960	4.181	9721775	6843945	36.263	25.802 #
5)	L1 AR-1016-3	5.029	4.359	8106092	4374291	48.537	30.654 #
6)	L1 AR-1016-4	5.133	4.398	10051668	4778297	73.644	44.716 #
8)	L2 AR-1221-1	3.925	3.234	3110655	142401	44.830	2.217 #
9)	L2 AR-1221-2	4.018	3.320	1612149	3181012	34.072	71.745 #
10)	L2 AR-1221-3	4.116	3.408	739186	644738	4.736	4.217
11)	L3 AR-1232-1	4.116	3.408	739186	644738	5.759	5.115
12)	L3 AR-1232-2	4.650	4.181	20562570	6843945	322.035	56.344 #
13)	L3 AR-1232-3	4.960	4.359	9721775	4374291	81.529	68.501
14)	L3 AR-1232-4	5.133	4.461	10051668	4293021	169.986	74.775 #
15)	L3 AR-1232-5	5.227	4.641	4601600	-930206	104.144	N.D. #
16)	L4 AR-1242-1	4.947	4.156	9192739	8628481	59.983	53.093
17)	L4 AR-1242-2	4.960	4.181	9721775	6843945	43.354	30.668 #
18)	L4 AR-1242-3	5.029	4.359	8106092	4374291	57.581	36.438 #
19)	L4 AR-1242-4	5.133	4.461	10051668	4293021	87.457	37.494 #
20)	L4 AR-1242-5	5.930	5.012	7449607	10907941	64.642	73.584
21)	L5 AR-1248-1	4.947	4.156	9192739	8628481	77.830	69.874
22)	L5 AR-1248-2	5.227	4.398	4601600	4778297	28.177	29.179
23)	L5 AR-1248-3	0.000	4.461	0	4293021	N.D.	24.997 #
24)	L5 AR-1248-4	5.878	4.641	3597741	-930206	17.599	N.D. #
25)	L5 AR-1248-5	5.930	5.057	7449607	5773963	36.799	27.890
26)	L6 AR-1254-1	5.860	5.012	10275822	10907941	50.604	35.226 #
27)	L6 AR-1254-2	6.098	5.178	15625401	13644699	50.864	50.816
28)	L6 AR-1254-3	6.495	5.603	14197725	11736180	45.211	27.674 #
29)	L6 AR-1254-4	6.813	5.839	1659556	10895449	7.687	41.245 #
30)	L6 AR-1254-5	7.270	6.310	1115906	3919417	4.775	10.378 #
31)	L7 AR-1260-1	6.674	5.742	2234608	15618306	9.349	53.429 #
32)	L7 AR-1260-2	6.963	5.958	2420253	4388926	8.849	12.516 #
33)	L7 AR-1260-3	7.361	6.115	15436234	3364946	77.680	9.990 #
34)	L7 AR-1260-4	7.586	6.638	202286	831537	0.916	3.095 #
35)	L7 AR-1260-5	7.942	6.898	4377858	1632936	10.547	2.592 #
36)	L8 AR-1262-1	7.361	6.354	15436234	1331504	53.657	3.431 #
37)	L8 AR-1262-2	7.942	6.898	4377858	1632936	9.440	2.350 #
38)	L8 AR-1262-3	8.254	7.211	597933	6327973	1.937	25.460 #
39)	L8 AR-1262-4	8.330	7.280	847217	9034150	3.674	17.900 #
40)	L8 AR-1262-5	9.004	7.816	1066400	194639	6.775	0.861 #
41)	L9 AR-1268-1	8.254	7.211	597933	6327973	1.128	8.811 #
42)	L9 AR-1268-2	8.330	7.280	847217	9034150	1.809	12.605 #

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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
43) L9	AR-1268-3	8.577	7.508	717914	1953605	1.751	3.195 #
44) L9	AR-1268-4	9.004	7.816	1066400	194639	6.276	0.776 #
45) L9	AR-1268-5	9.395	8.126	2424967	2262468	1.875	1.243 #

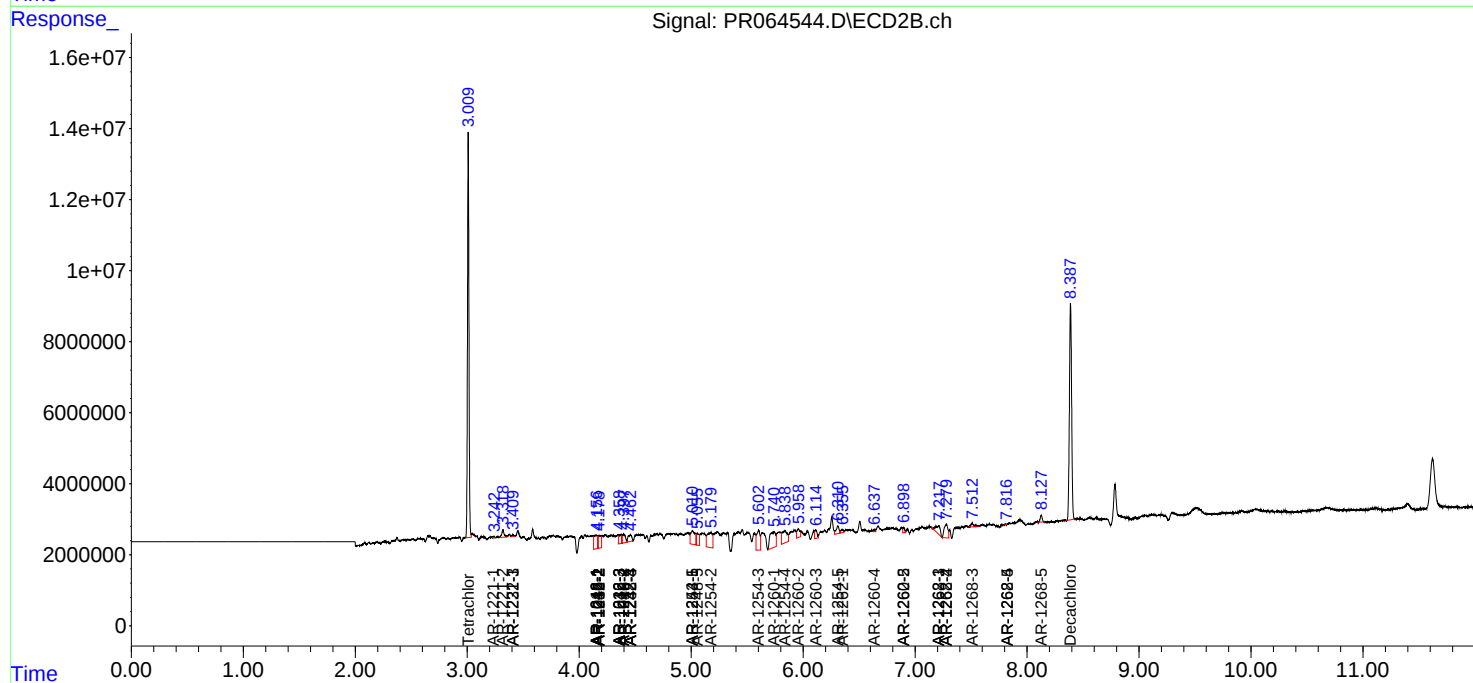
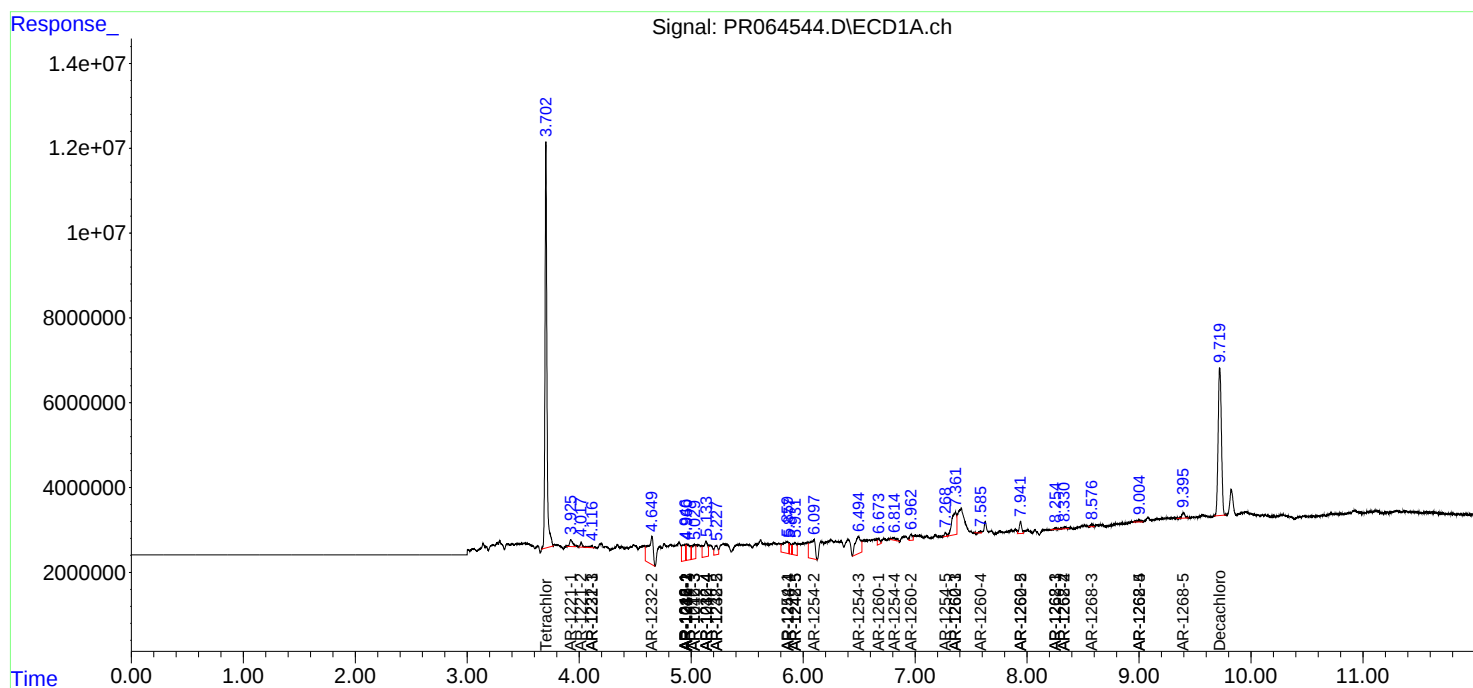
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

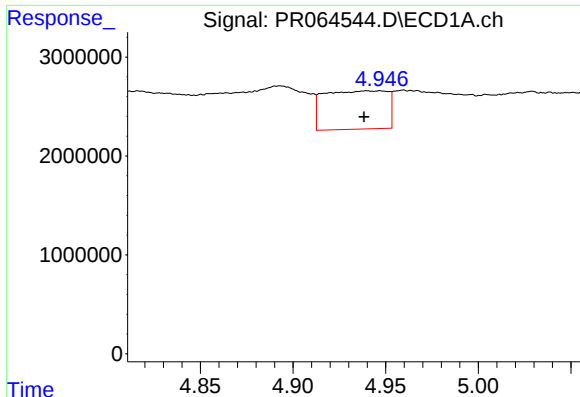
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

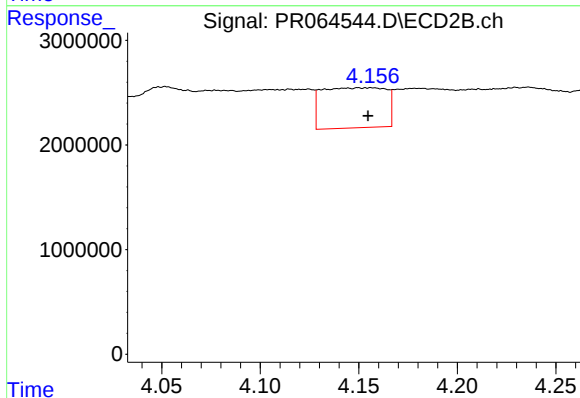




#3 AR-1016-1

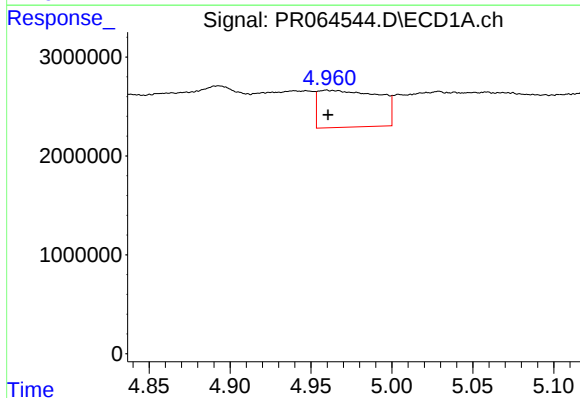
R.T.: 4.947 min
Delta R.T.: 0.009 min
Response: 9192739
Conc: 50.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



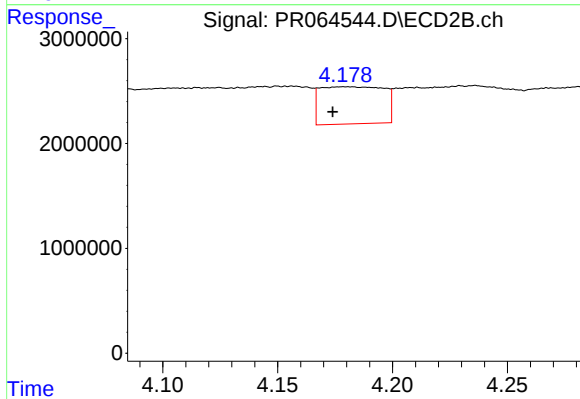
#3 AR-1016-1

R.T.: 4.156 min
Delta R.T.: 0.002 min
Response: 8628481
Conc: 45.22 ng/ml



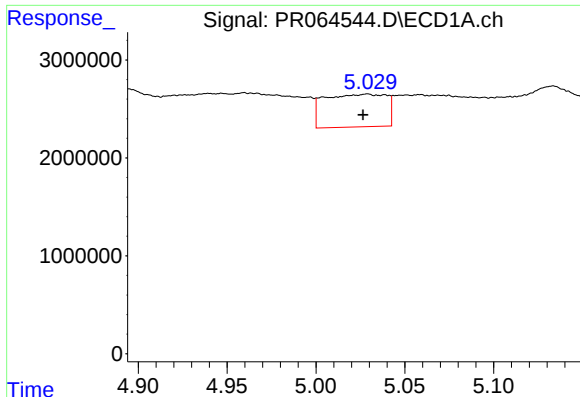
#4 AR-1016-2

R.T.: 4.960 min
Delta R.T.: -0.001 min
Response: 9721775
Conc: 36.26 ng/ml



#4 AR-1016-2

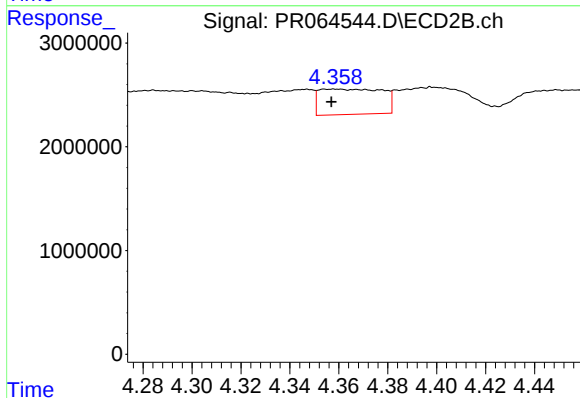
R.T.: 4.181 min
Delta R.T.: 0.007 min
Response: 6843945
Conc: 25.80 ng/ml



#5 AR-1016-3

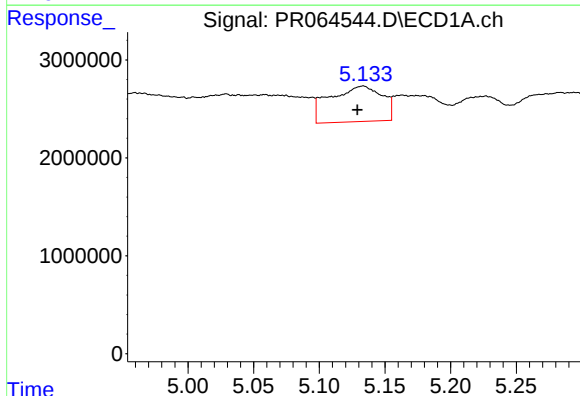
R.T.: 5.029 min
Delta R.T.: 0.002 min
Response: 8106092
Conc: 48.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



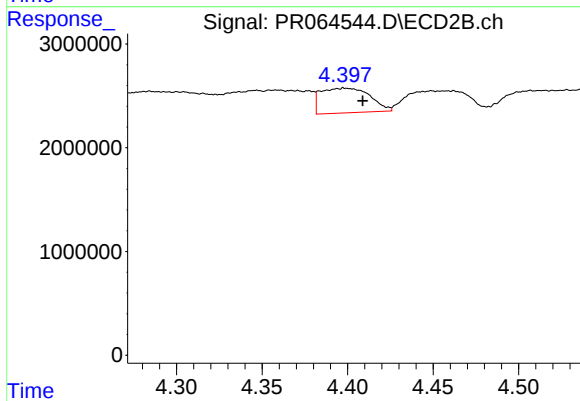
#5 AR-1016-3

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 4374291
Conc: 30.65 ng/ml



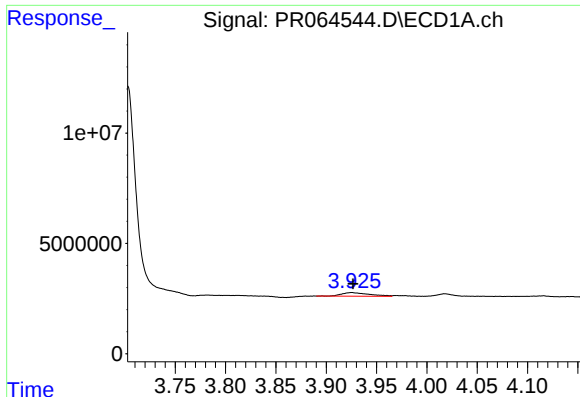
#6 AR-1016-4

R.T.: 5.133 min
Delta R.T.: 0.004 min
Response: 10051668
Conc: 73.64 ng/ml



#6 AR-1016-4

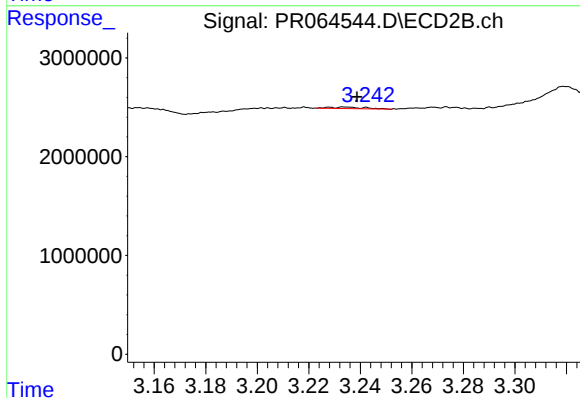
R.T.: 4.398 min
Delta R.T.: -0.011 min
Response: 4778297
Conc: 44.72 ng/ml



#8 AR-1221-1

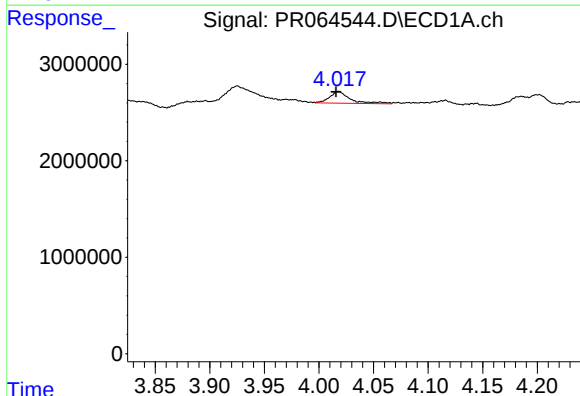
R.T.: 3.925 min
Delta R.T.: -0.001 min
Response: 3110655
Conc: 44.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



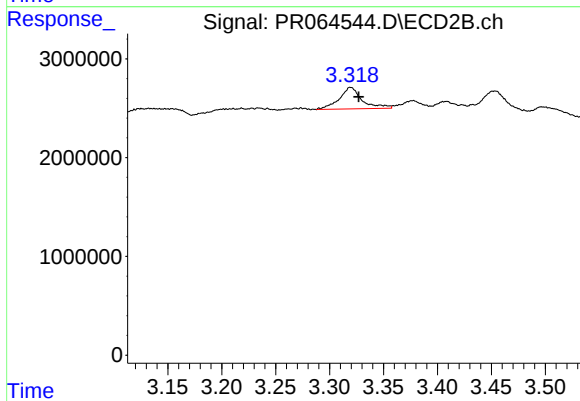
#8 AR-1221-1

R.T.: 3.234 min
Delta R.T.: -0.004 min
Response: 142401
Conc: 2.22 ng/ml



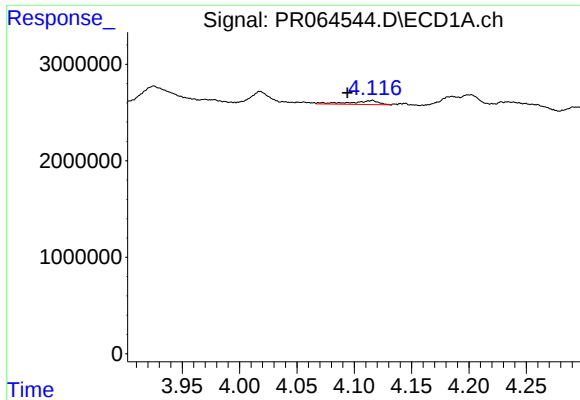
#9 AR-1221-2

R.T.: 4.018 min
Delta R.T.: 0.002 min
Response: 1612149
Conc: 34.07 ng/ml



#9 AR-1221-2

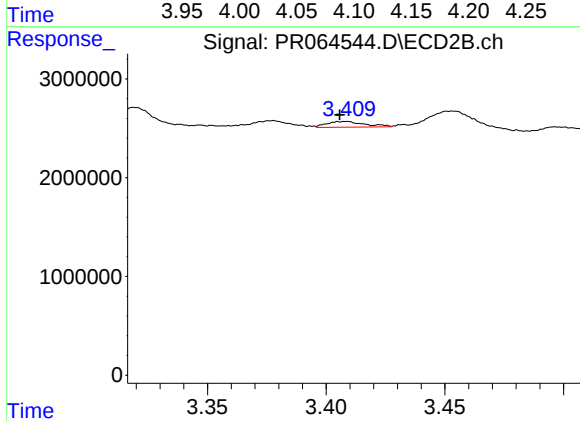
R.T.: 3.320 min
Delta R.T.: -0.007 min
Response: 3181012
Conc: 71.75 ng/ml



#10 AR-1221-3

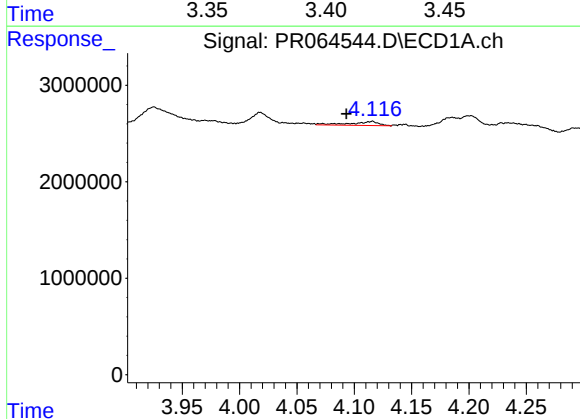
R.T.: 4.116 min
Delta R.T.: 0.022 min
Response: 739186
Conc: 4.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



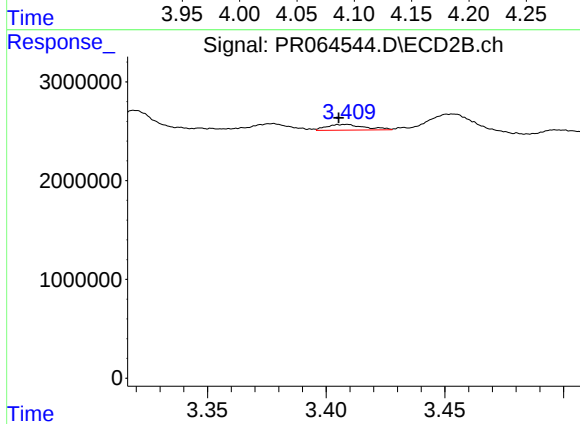
#10 AR-1221-3

R.T.: 3.408 min
Delta R.T.: 0.002 min
Response: 644738
Conc: 4.22 ng/ml



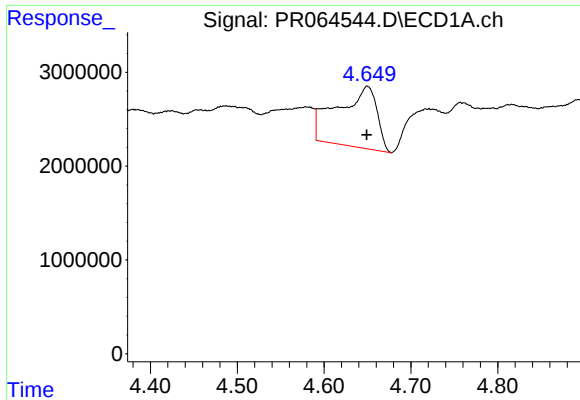
#11 AR-1232-1

R.T.: 4.116 min
Delta R.T.: 0.022 min
Response: 739186
Conc: 5.76 ng/ml



#11 AR-1232-1

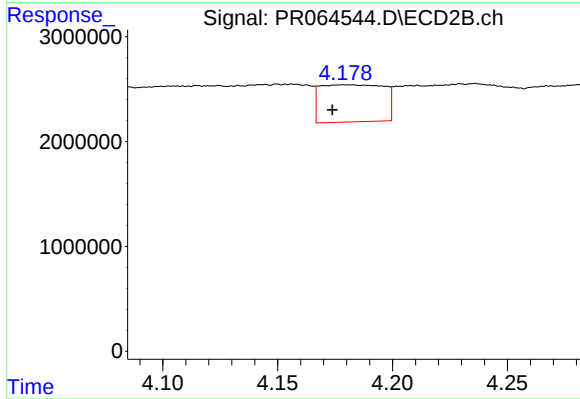
R.T.: 3.408 min
Delta R.T.: 0.003 min
Response: 644738
Conc: 5.11 ng/ml



#12 AR-1232-2

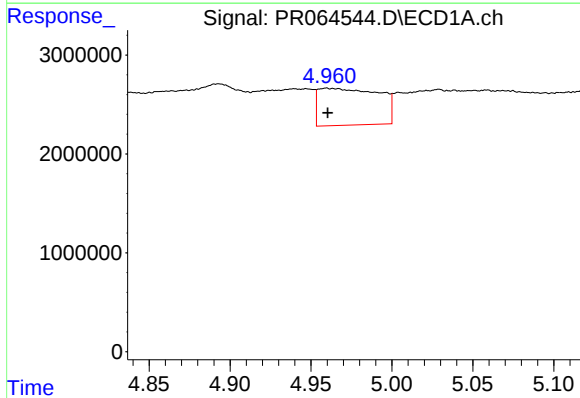
R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 20562570
Conc: 322.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



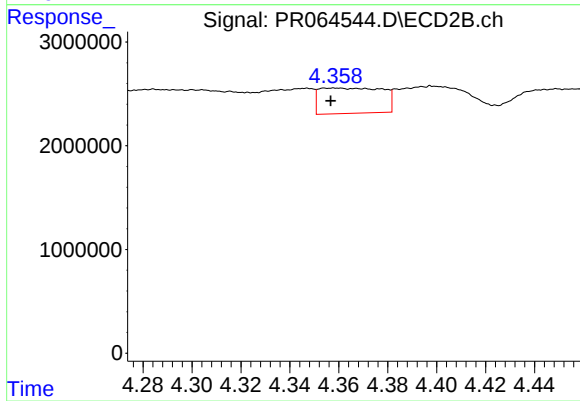
#12 AR-1232-2

R.T.: 4.181 min
Delta R.T.: 0.007 min
Response: 6843945
Conc: 56.34 ng/ml



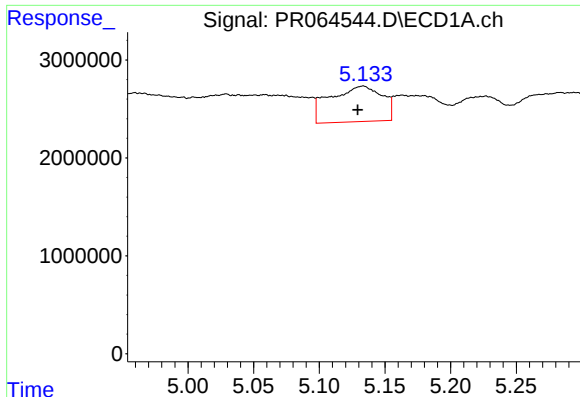
#13 AR-1232-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 9721775
Conc: 81.53 ng/ml



#13 AR-1232-3

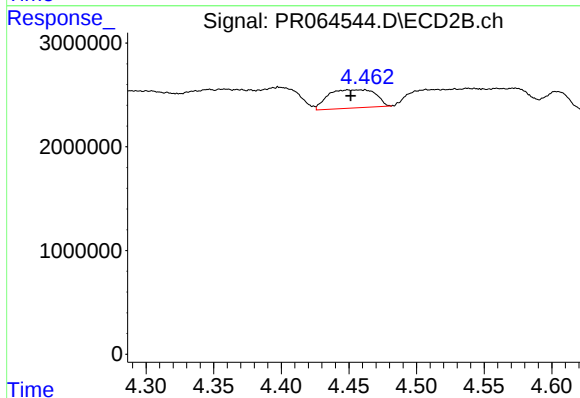
R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 4374291
Conc: 68.50 ng/ml



#14 AR-1232-4

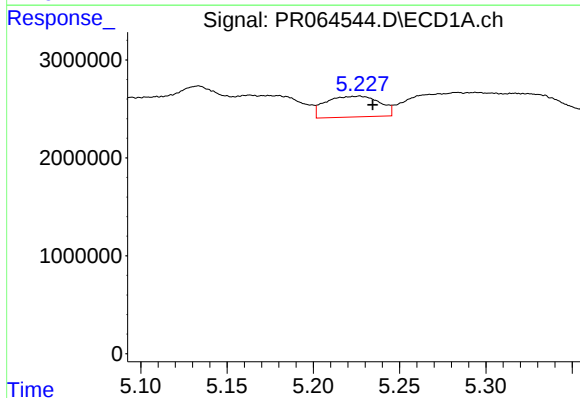
R.T.: 5.133 min
Delta R.T.: 0.004 min
Response: 10051668
Conc: 169.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



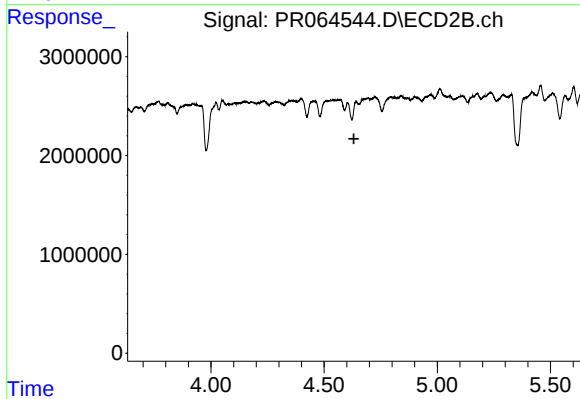
#14 AR-1232-4

R.T.: 4.461 min
Delta R.T.: 0.010 min
Response: 4293021
Conc: 74.78 ng/ml



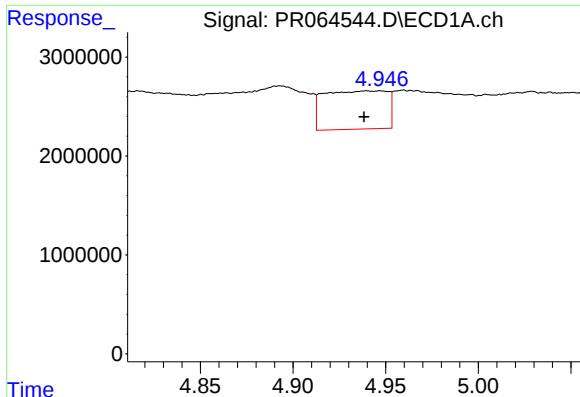
#15 AR-1232-5

R.T.: 5.227 min
Delta R.T.: -0.008 min
Response: 4601600
Conc: 104.14 ng/ml



#15 AR-1232-5

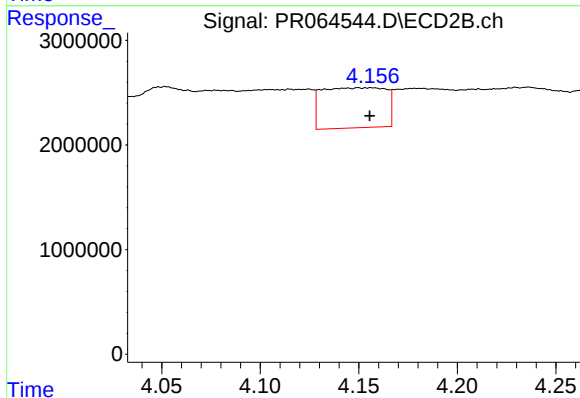
R.T.: 4.641 min
Delta R.T.: 0.009 min
Response: -930206
Conc: N.D.



#16 AR-1242-1

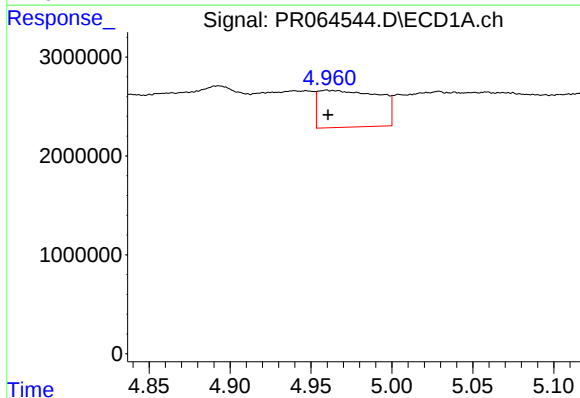
R.T.: 4.947 min
Delta R.T.: 0.009 min
Response: 9192739
Conc: 59.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



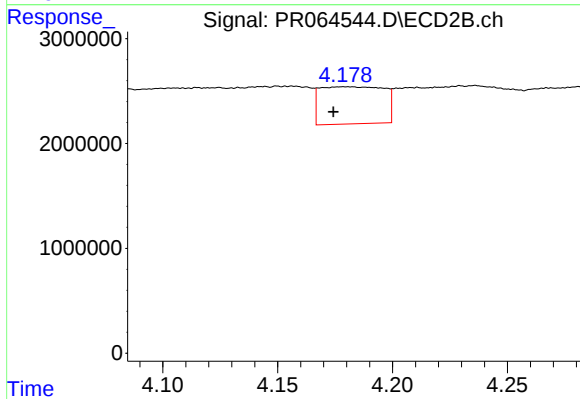
#16 AR-1242-1

R.T.: 4.156 min
Delta R.T.: 0.000 min
Response: 8628481
Conc: 53.09 ng/ml



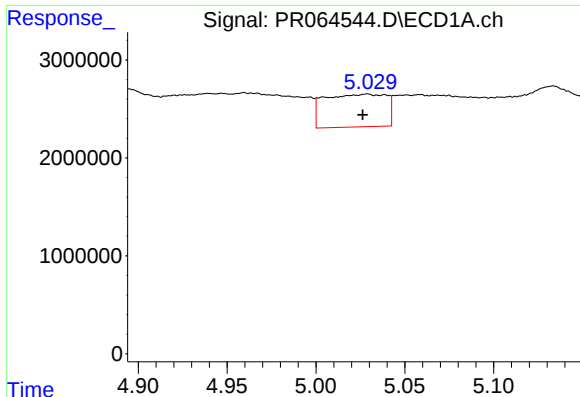
#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 9721775
Conc: 43.35 ng/ml



#17 AR-1242-2

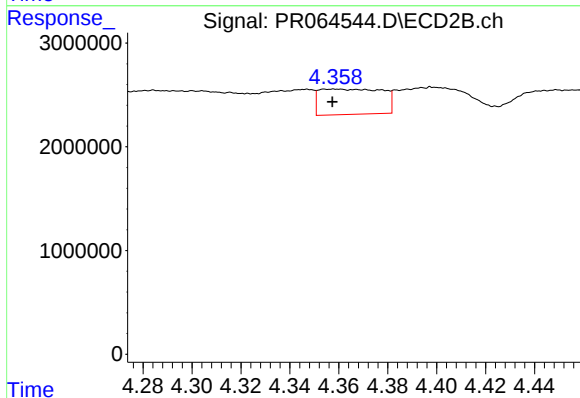
R.T.: 4.181 min
Delta R.T.: 0.006 min
Response: 6843945
Conc: 30.67 ng/ml



#18 AR-1242-3

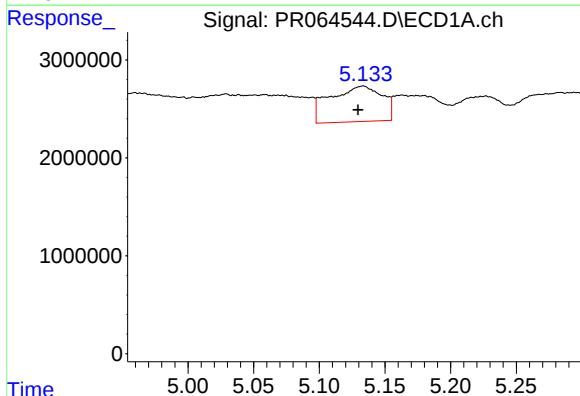
R.T.: 5.029 min
Delta R.T.: 0.002 min
Response: 8106092
Conc: 57.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



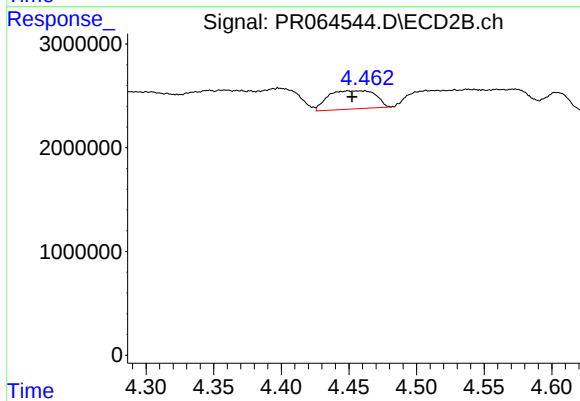
#18 AR-1242-3

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 4374291
Conc: 36.44 ng/ml



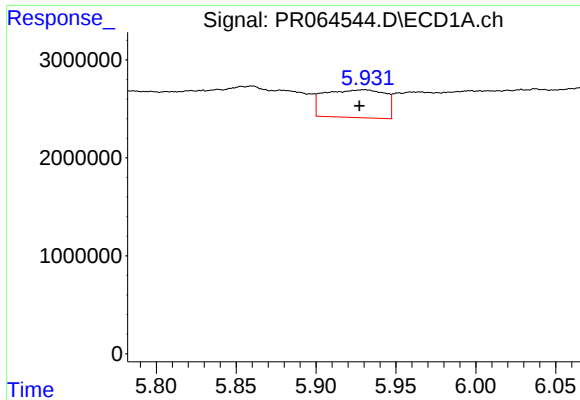
#19 AR-1242-4

R.T.: 5.133 min
Delta R.T.: 0.004 min
Response: 10051668
Conc: 87.46 ng/ml



#19 AR-1242-4

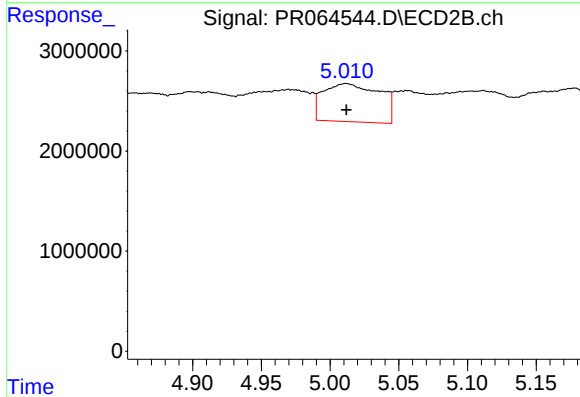
R.T.: 4.461 min
Delta R.T.: 0.009 min
Response: 4293021
Conc: 37.49 ng/ml



#20 AR-1242-5

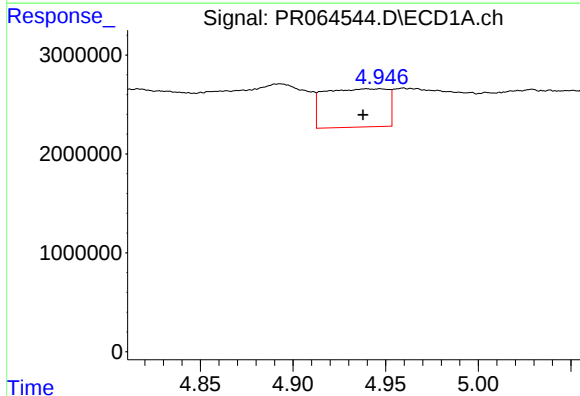
R.T.: 5.930 min
Delta R.T.: 0.003 min
Response: 7449607
Conc: 64.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



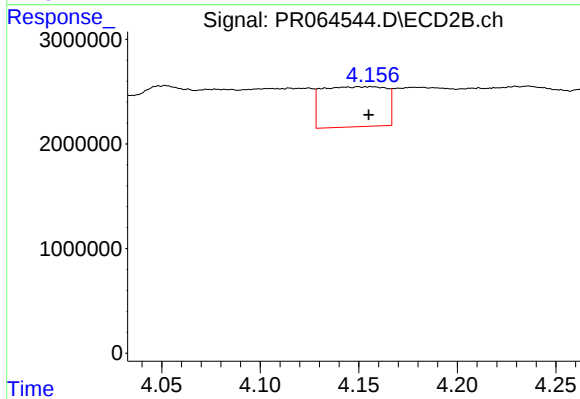
#20 AR-1242-5

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 10907941
Conc: 73.58 ng/ml



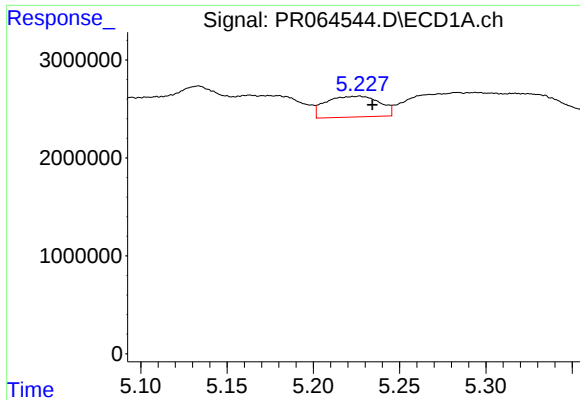
#21 AR-1248-1

R.T.: 4.947 min
Delta R.T.: 0.009 min
Response: 9192739
Conc: 77.83 ng/ml



#21 AR-1248-1

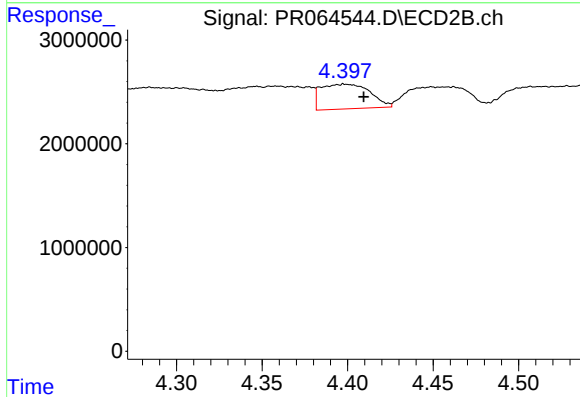
R.T.: 4.156 min
Delta R.T.: 0.001 min
Response: 8628481
Conc: 69.87 ng/ml



#22 AR-1248-2

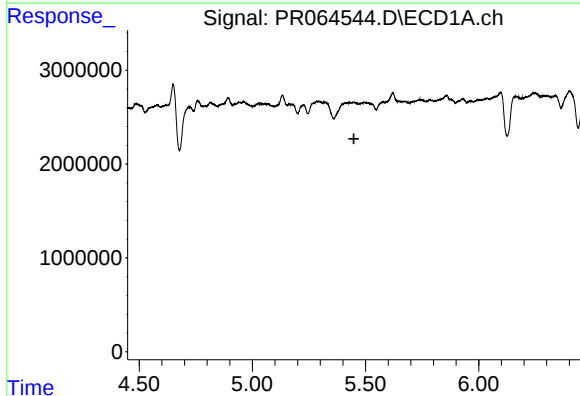
R.T.: 5.227 min
Delta R.T.: -0.007 min
Response: 4601600
Conc: 28.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



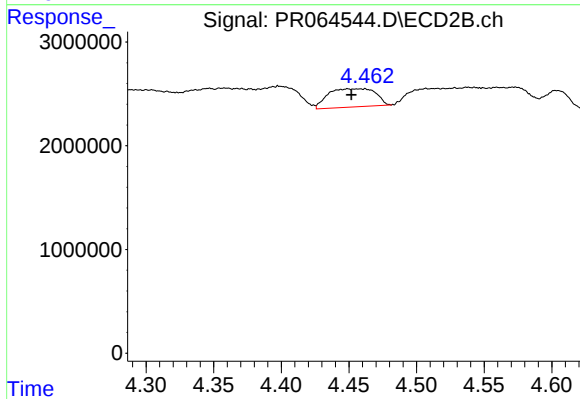
#22 AR-1248-2

R.T.: 4.398 min
Delta R.T.: -0.011 min
Response: 4778297
Conc: 29.18 ng/ml



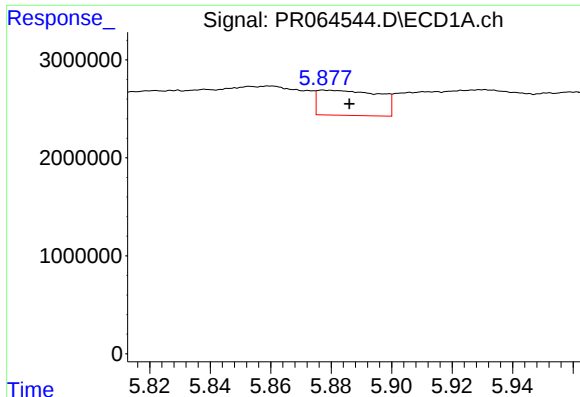
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.448 min
Response: 0
Conc: N.D.



#23 AR-1248-3

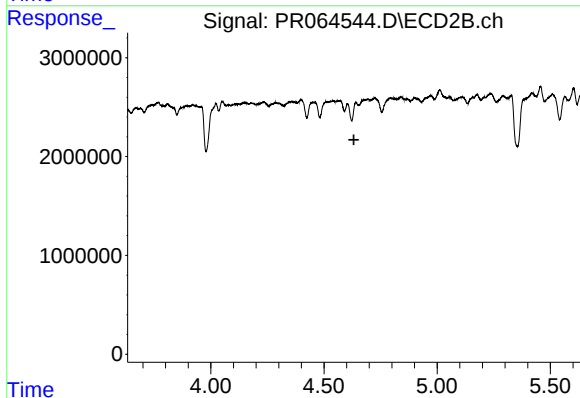
R.T.: 4.461 min
Delta R.T.: 0.009 min
Response: 4293021
Conc: 25.00 ng/ml



#24 AR-1248-4

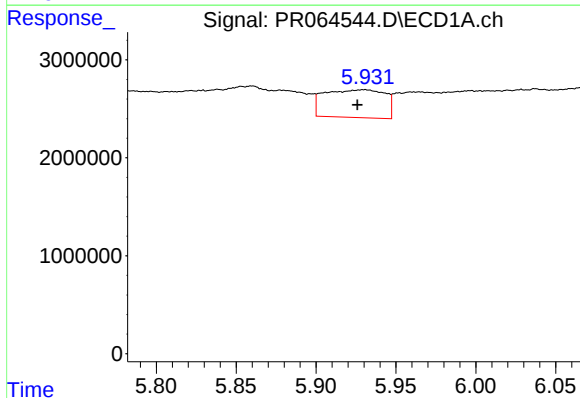
R.T.: 5.878 min
Delta R.T.: -0.008 min
Response: 3597741
Conc: 17.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



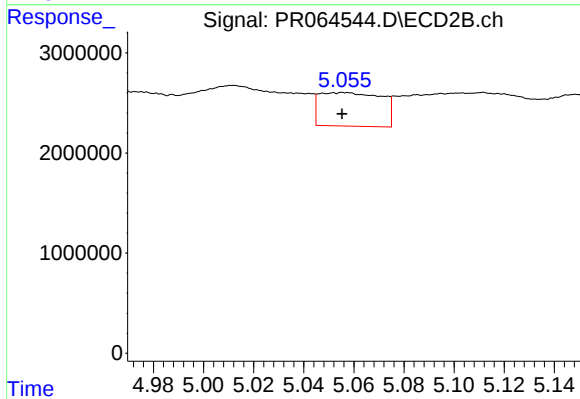
#24 AR-1248-4

R.T.: 4.641 min
Delta R.T.: 0.009 min
Response: -930206
Conc: N.D.



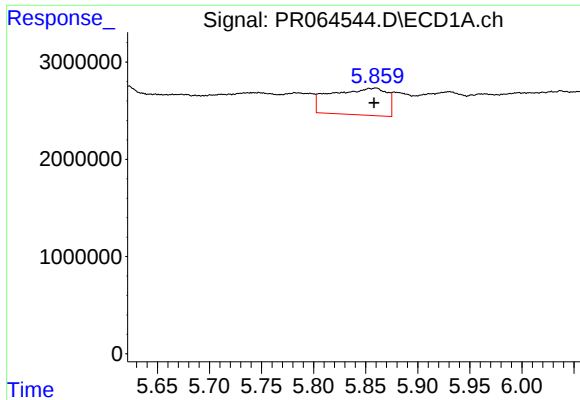
#25 AR-1248-5

R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 7449607
Conc: 36.80 ng/ml



#25 AR-1248-5

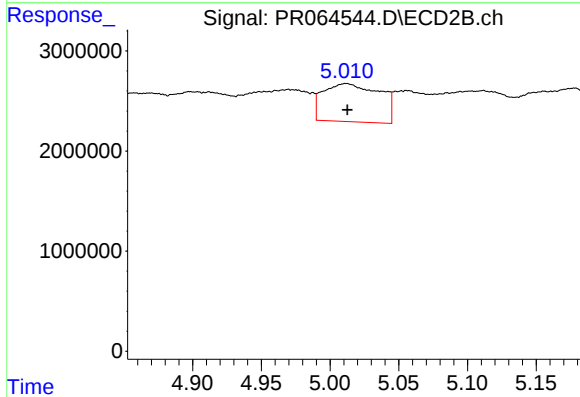
R.T.: 5.057 min
Delta R.T.: 0.001 min
Response: 5773963
Conc: 27.89 ng/ml



#26 AR-1254-1

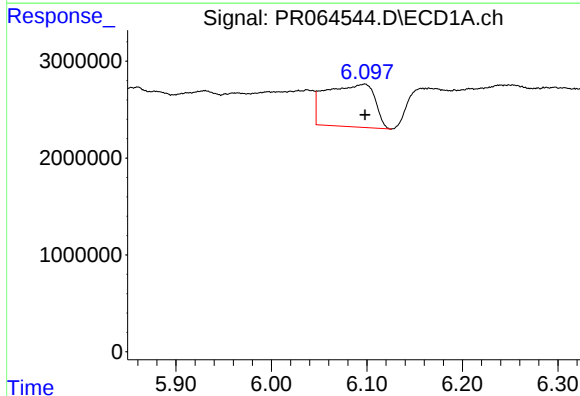
R.T.: 5.860 min
Delta R.T.: 0.002 min
Response: 10275822
Conc: 50.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



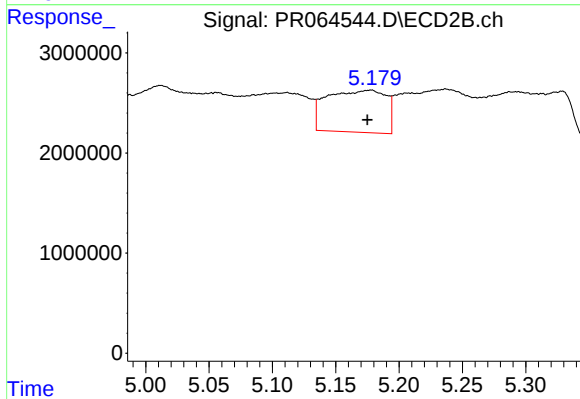
#26 AR-1254-1

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 10907941
Conc: 35.23 ng/ml



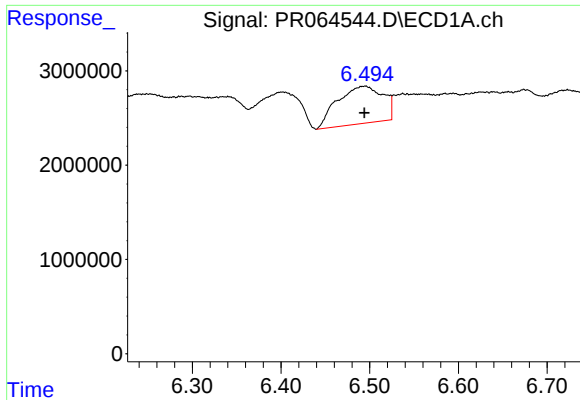
#27 AR-1254-2

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 15625401
Conc: 50.86 ng/ml



#27 AR-1254-2

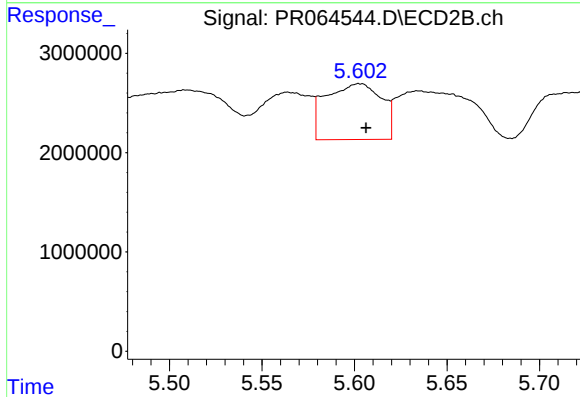
R.T.: 5.178 min
Delta R.T.: 0.003 min
Response: 13644699
Conc: 50.82 ng/ml



#28 AR-1254-3

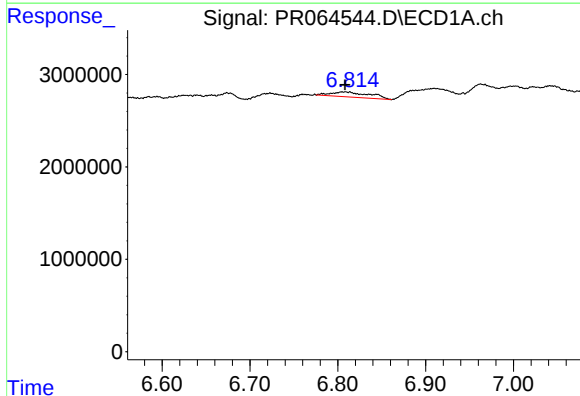
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 14197725
Conc: 45.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



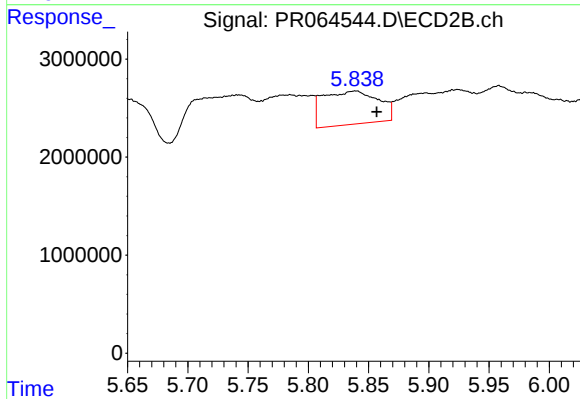
#28 AR-1254-3

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 11736180
Conc: 27.67 ng/ml



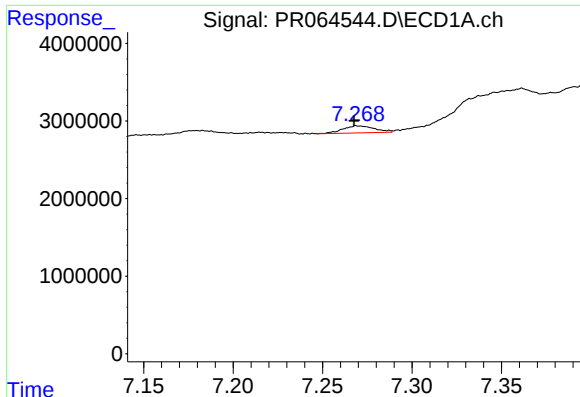
#29 AR-1254-4

R.T.: 6.813 min
Delta R.T.: 0.005 min
Response: 1659556
Conc: 7.69 ng/ml



#29 AR-1254-4

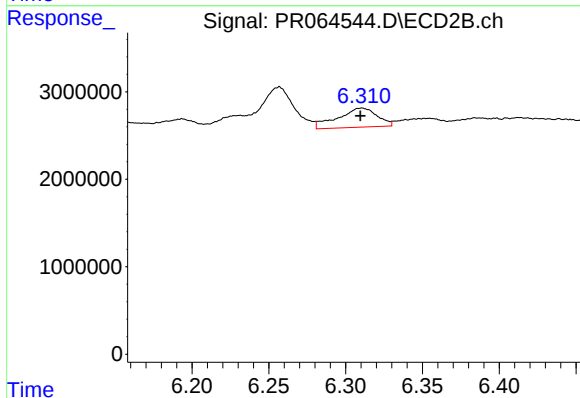
R.T.: 5.839 min
Delta R.T.: -0.017 min
Response: 10895449
Conc: 41.25 ng/ml



#30 AR-1254-5

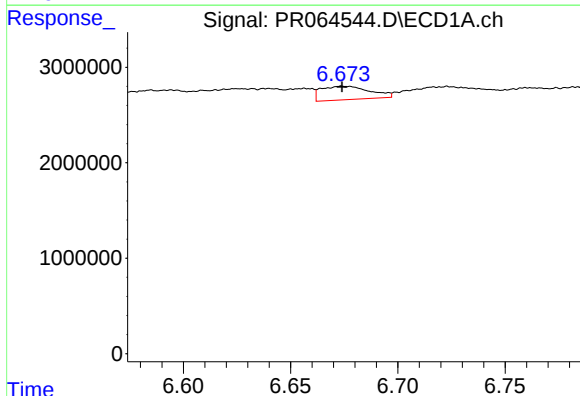
R.T.: 7.270 min
Delta R.T.: 0.002 min
Response: 1115906
Conc: 4.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



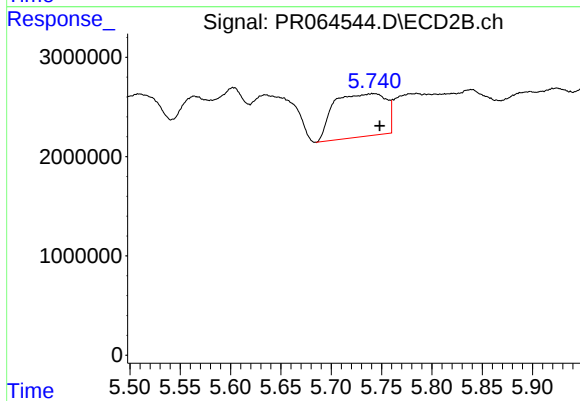
#30 AR-1254-5

R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 3919417
Conc: 10.38 ng/ml



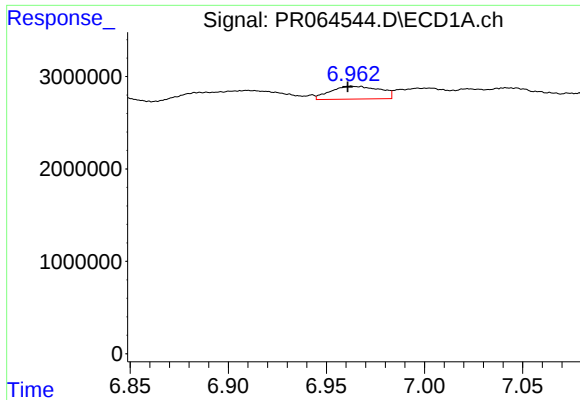
#31 AR-1260-1

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 2234608
Conc: 9.35 ng/ml



#31 AR-1260-1

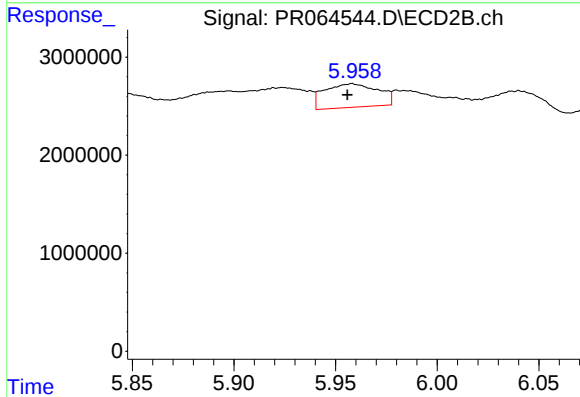
R.T.: 5.742 min
Delta R.T.: -0.006 min
Response: 15618306
Conc: 53.43 ng/ml



#32 AR-1260-2

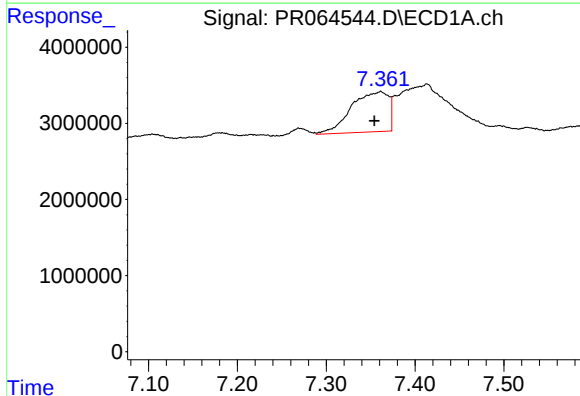
R.T.: 6.963 min
Delta R.T.: 0.002 min
Response: 2420253
Conc: 8.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



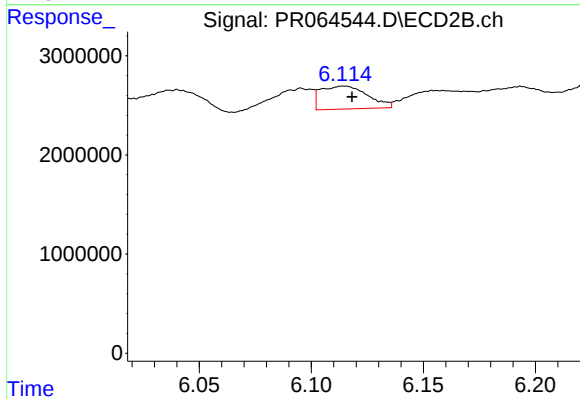
#32 AR-1260-2

R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 4388926
Conc: 12.52 ng/ml



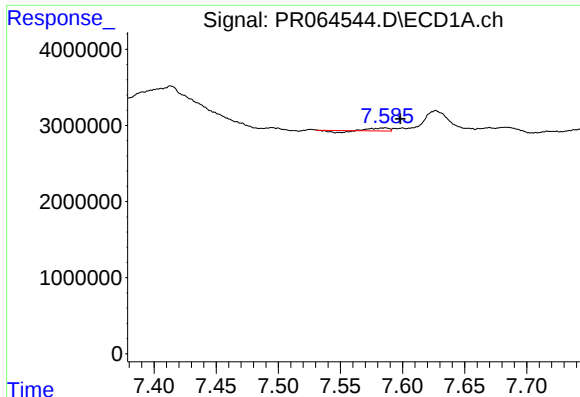
#33 AR-1260-3

R.T.: 7.361 min
Delta R.T.: 0.007 min
Response: 15436234
Conc: 77.68 ng/ml



#33 AR-1260-3

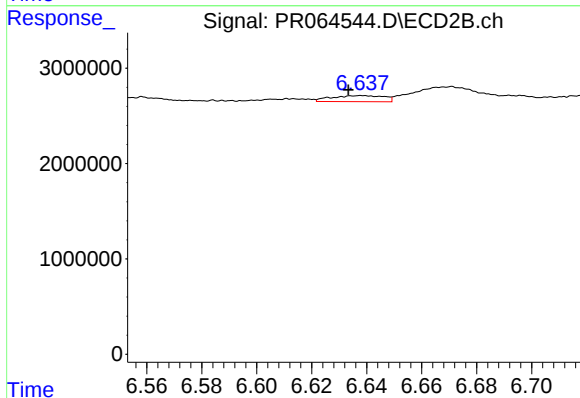
R.T.: 6.115 min
Delta R.T.: -0.004 min
Response: 3364946
Conc: 9.99 ng/ml



#34 AR-1260-4

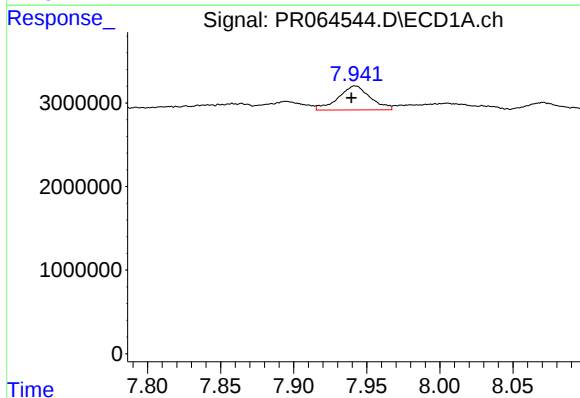
R.T.: 7.586 min
Delta R.T.: -0.012 min
Response: 202286
Conc: 0.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



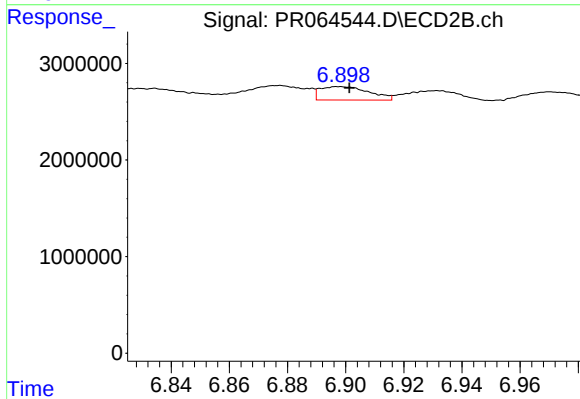
#34 AR-1260-4

R.T.: 6.638 min
Delta R.T.: 0.005 min
Response: 831537
Conc: 3.09 ng/ml



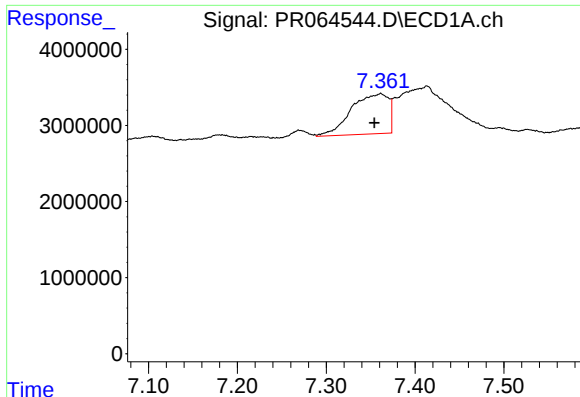
#35 AR-1260-5

R.T.: 7.942 min
Delta R.T.: 0.003 min
Response: 4377858
Conc: 10.55 ng/ml



#35 AR-1260-5

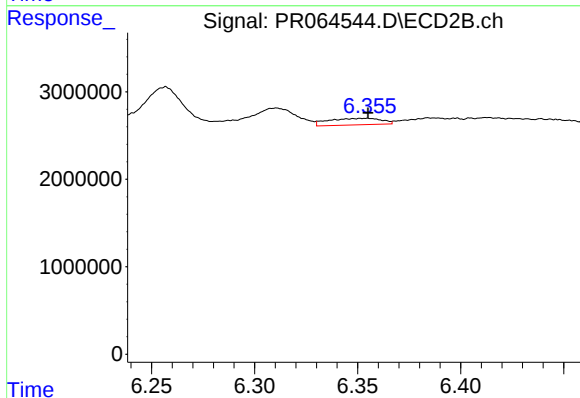
R.T.: 6.898 min
Delta R.T.: -0.003 min
Response: 1632936
Conc: 2.59 ng/ml



#36 AR-1262-1

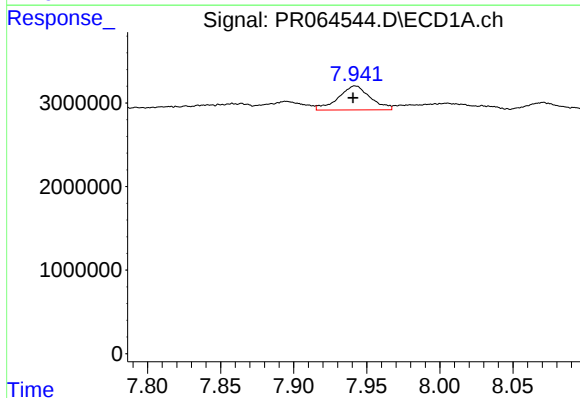
R.T.: 7.361 min
Delta R.T.: 0.007 min
Response: 15436234
Conc: 53.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



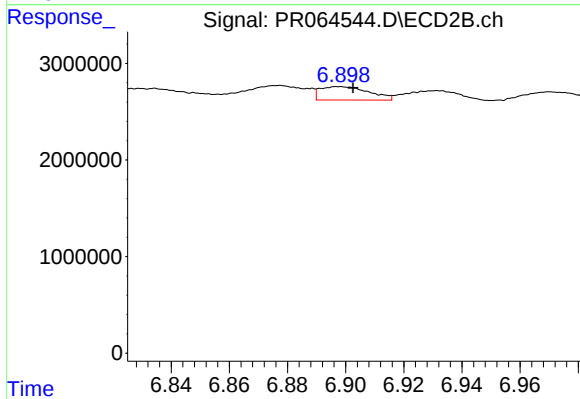
#36 AR-1262-1

R.T.: 6.354 min
Delta R.T.: -0.001 min
Response: 1331504
Conc: 3.43 ng/ml



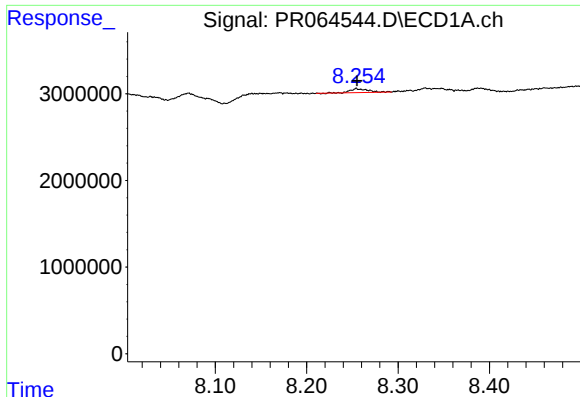
#37 AR-1262-2

R.T.: 7.942 min
Delta R.T.: 0.002 min
Response: 4377858
Conc: 9.44 ng/ml



#37 AR-1262-2

R.T.: 6.898 min
Delta R.T.: -0.005 min
Response: 1632936
Conc: 2.35 ng/ml



#38 AR-1262-3

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 597933
Conc: 1.94 ng/ml

Instrument :
ECD_R
ClientSampleId :

#38 AR-1262-3

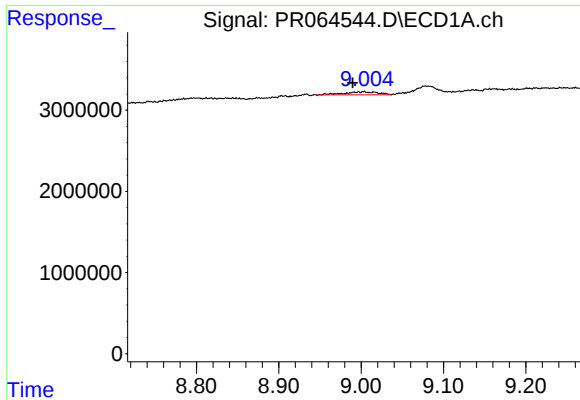
R.T.: 7.211 min
Delta R.T.: -0.001 min
Response: 6327973
Conc: 25.46 ng/ml

#39 AR-1262-4

R.T.: 8.330 min
Delta R.T.: -0.013 min
Response: 847217
Conc: 3.67 ng/ml

#39 AR-1262-4

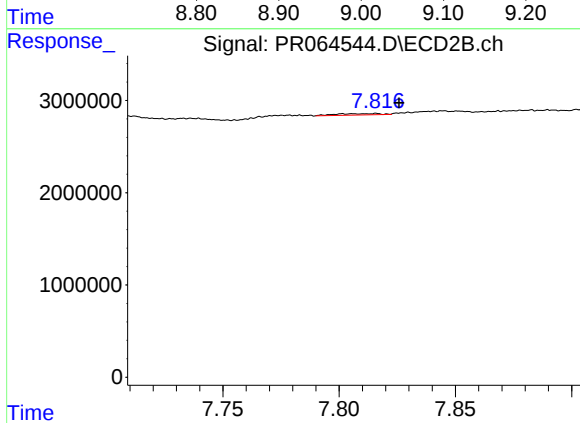
R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 9034150
Conc: 17.90 ng/ml



#40 AR-1262-5

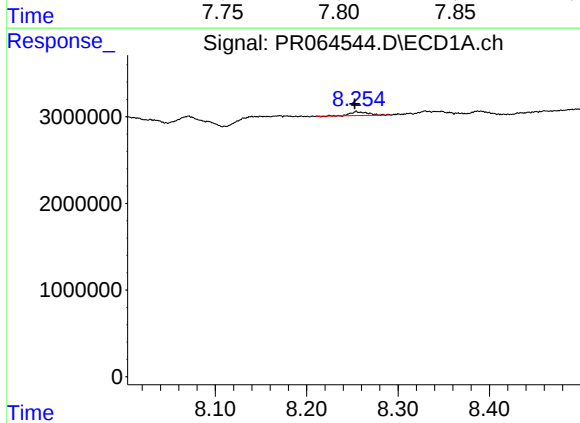
R.T.: 9.004 min
Delta R.T.: 0.014 min
Response: 1066400
Conc: 6.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



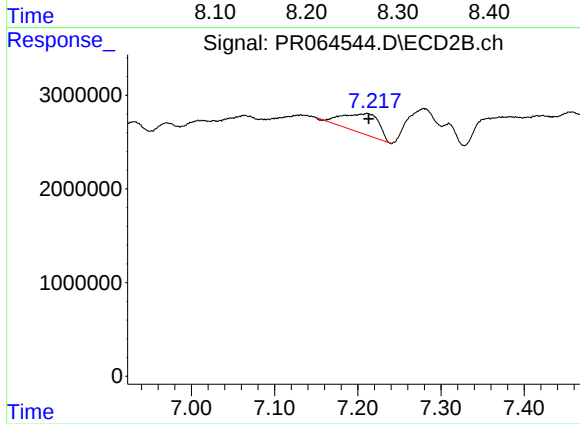
#40 AR-1262-5

R.T.: 7.816 min
Delta R.T.: -0.010 min
Response: 194639
Conc: 0.86 ng/ml



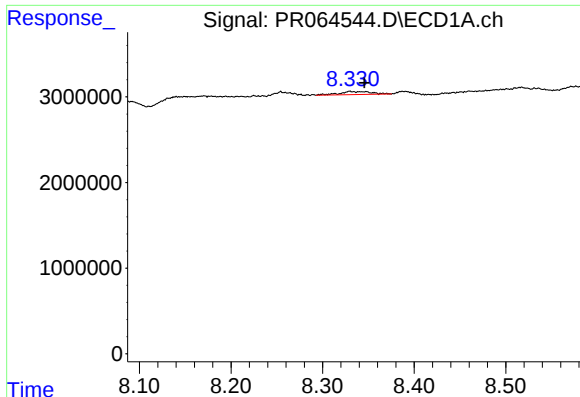
#41 AR-1268-1

R.T.: 8.254 min
Delta R.T.: 0.002 min
Response: 597933
Conc: 1.13 ng/ml



#41 AR-1268-1

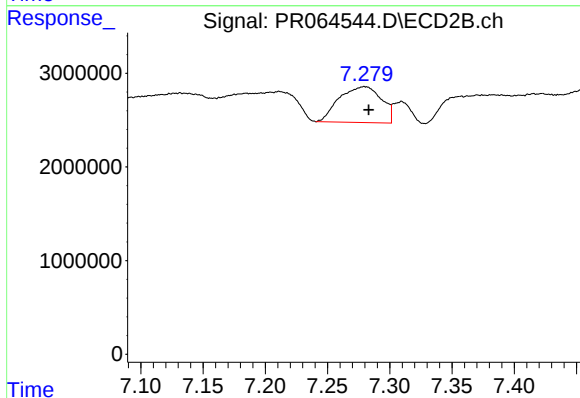
R.T.: 7.211 min
Delta R.T.: -0.002 min
Response: 6327973
Conc: 8.81 ng/ml



#42 AR-1268-2

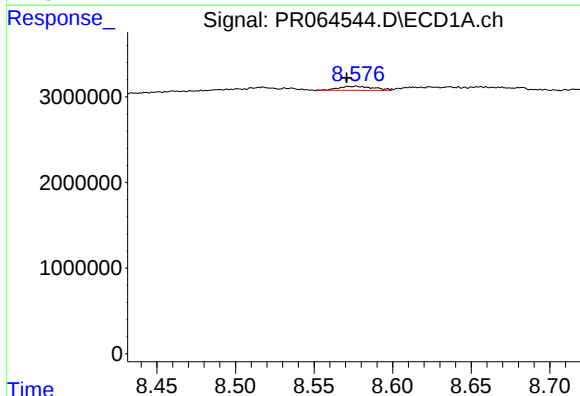
R.T.: 8.330 min
Delta R.T.: -0.016 min
Response: 847217
Conc: 1.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



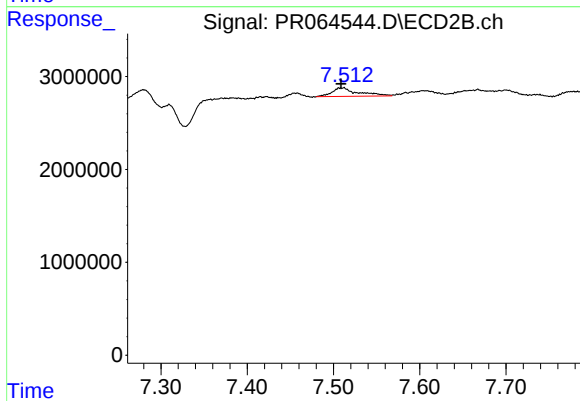
#42 AR-1268-2

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 9034150
Conc: 12.60 ng/ml



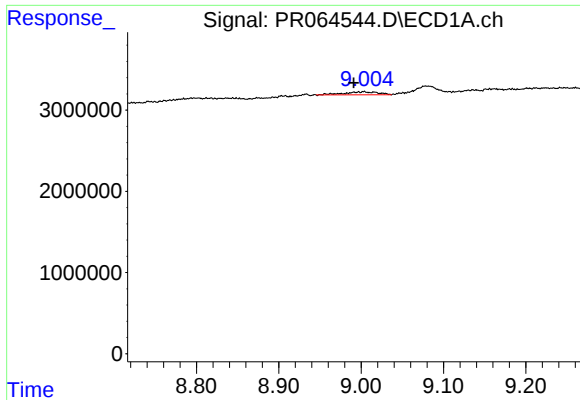
#43 AR-1268-3

R.T.: 8.577 min
Delta R.T.: 0.006 min
Response: 717914
Conc: 1.75 ng/ml



#43 AR-1268-3

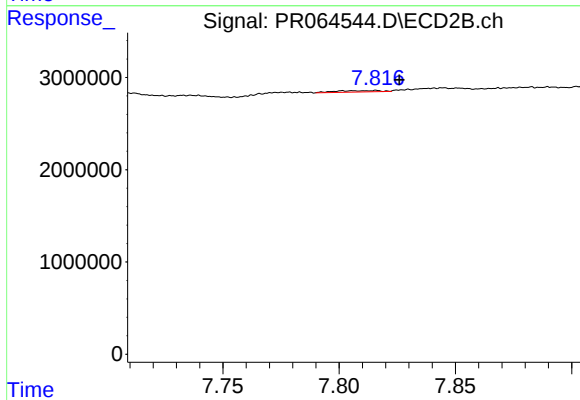
R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 1953605
Conc: 3.19 ng/ml



#44 AR-1268-4

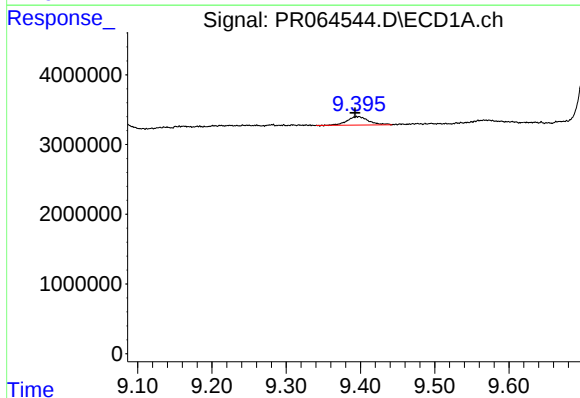
R.T.: 9.004 min
Delta R.T.: 0.013 min
Response: 1066400
Conc: 6.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



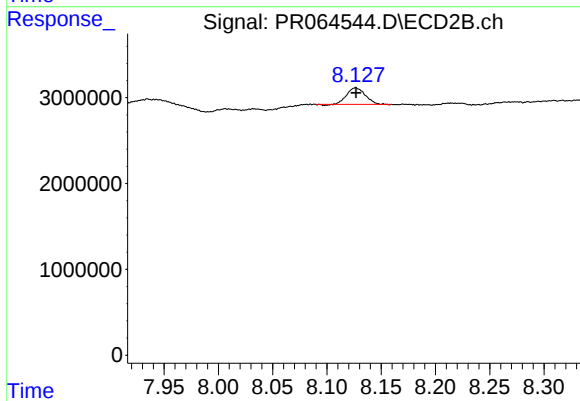
#44 AR-1268-4

R.T.: 7.816 min
Delta R.T.: -0.010 min
Response: 194639
Conc: 0.78 ng/ml



#45 AR-1268-5

R.T.: 9.395 min
Delta R.T.: 0.003 min
Response: 2424967
Conc: 1.87 ng/ml



#45 AR-1268-5

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 2262468
Conc: 1.24 ng/ml