

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR031720\
 Data File : PR045073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2020 10:59
 Operator : AJ\MA
 Sample : L1938-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 17:34:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR031220CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 13 12:07:27 2020
 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...	4.672	3.939	30477073	313.0E6	21.063	19.036
2)	SA Decachlor...	10.542	9.002	73671426	543.1E6	51.640	44.333
Target Compounds							
3)	L1 AR-1016-1	5.837	5.024	64021	1702173	1.128	4.079 #
4)	L1 AR-1016-2	5.875	5.024	683338	1702173	8.609	2.902 #
5)	L1 AR-1016-3	5.937	5.232	60388	4405357	1.283	13.405 #
6)	L1 AR-1016-4	6.069f	5.259	510156	15099562	13.040	60.295 #
7)	L1 AR-1016-5	6.322	5.474	156704	-462746	4.026	N.D. #
8)	L2 AR-1221-1	4.851	4.136	290227	2392953	18.076	13.585
9)	L2 AR-1221-2	4.981	4.242	486532	3971827	44.544	32.159 #
10)	L2 AR-1221-3	5.058	4.312	188274	1187201	4.955	2.948 #
11)	L3 AR-1232-1	5.058	4.312	188274	1187201	5.916	3.492 #
12)	L3 AR-1232-2	5.589	5.024	851688	1702173	47.787	6.632 #
13)	L3 AR-1232-3	5.875	5.232	683338	4405357	19.598	31.688 #
14)	L3 AR-1232-4	6.069f	5.333	510156	14825782	29.023	126.938 #
15)	L3 AR-1232-5	6.132	5.474	507362	-462746	38.223	N.D. #
16)	L4 AR-1242-1	5.837	5.024	64021	1702173	1.424	5.326 #
17)	L4 AR-1242-2	5.875	5.024	683338	1702173	10.824	3.864 #
18)	L4 AR-1242-3	5.937	5.232	60388	4405357	1.591	17.818 #
19)	L4 AR-1242-4	6.069f	5.333	510156	14825782	16.063	64.076 #
20)	L4 AR-1242-5	6.741	5.831	3776847	13146307	103.414	35.237 #
21)	L5 AR-1248-1	5.837	5.024	64021	1702173	1.871	6.948 #
22)	L5 AR-1248-2	6.132	5.259	507362	15099562	11.248	48.223 #
23)	L5 AR-1248-3	6.322	5.333	156704	14825782	3.069	45.794 #
24)	L5 AR-1248-4	6.741	5.474	3776847	-462746	60.666	N.D. #
25)	L5 AR-1248-5	6.741	5.888	3776847	4423521	64.087	9.011 #
26)	L6 AR-1254-1	6.692	5.831	2103727	13146307	34.013	17.475 #
27)	L6 AR-1254-2	6.918	5.979	2922241	6819883	30.215	10.100 #
28)	L6 AR-1254-3	7.308	6.383	1904421	80368387	18.583	71.690 #
29)	L6 AR-1254-4	7.571	6.607	2373133	59739662	28.358	71.438 #
30)	L6 AR-1254-5	7.991	7.024	6038626	80002356	69.524	76.949
31)	L7 AR-1260-1	7.448	6.519	3057399	45935793	41.774	62.694 #
32)	L7 AR-1260-2	7.702	6.697	6129277	75949334	66.027	70.352
33)	L7 AR-1260-3	8.063	6.853	2804767	98854453	37.444	113.853 #
34)	L7 AR-1260-4	8.301	7.321	4311037	52583212	53.180	68.681 #
35)	L7 AR-1260-5	8.633	7.563	5576580	112.5E6	32.040	49.426 #
36)	L8 AR-1262-1	8.122	7.024	1994016	80002356	43.346	144.492 #
37)	L8 AR-1262-2	8.633	7.563	5576580	112.5E6	26.319	43.320 #
38)	L8 AR-1262-3	8.959	7.847	7464781	60157571	50.926	56.327
39)	L8 AR-1262-4	9.058	7.914	4199156	52098220	36.761	29.648
40)	L8 AR-1262-5	9.751	8.421	1757403	15540105	20.662	18.755
41)	L9 AR-1268-1	8.959	7.847	7464781	60157571	29.304	20.234 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR031720\
 Data File : PR045073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2020 10:59
 Operator : AJ\MA
 Sample : L1938-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 17:34:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR031220CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 13 12:07:27 2020
 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
42) L9	AR-1268-2	9.058	7.914	4199156	52098220	17.348	20.457
43) L9	AR-1268-3	9.298	8.119	5910459	77105013	28.795	35.249
44) L9	AR-1268-4	9.751	8.421	1757403	15540105	18.769	17.014
45) L9	AR-1268-5	10.187	8.732	16034325	104.4E6	23.382	16.194 #

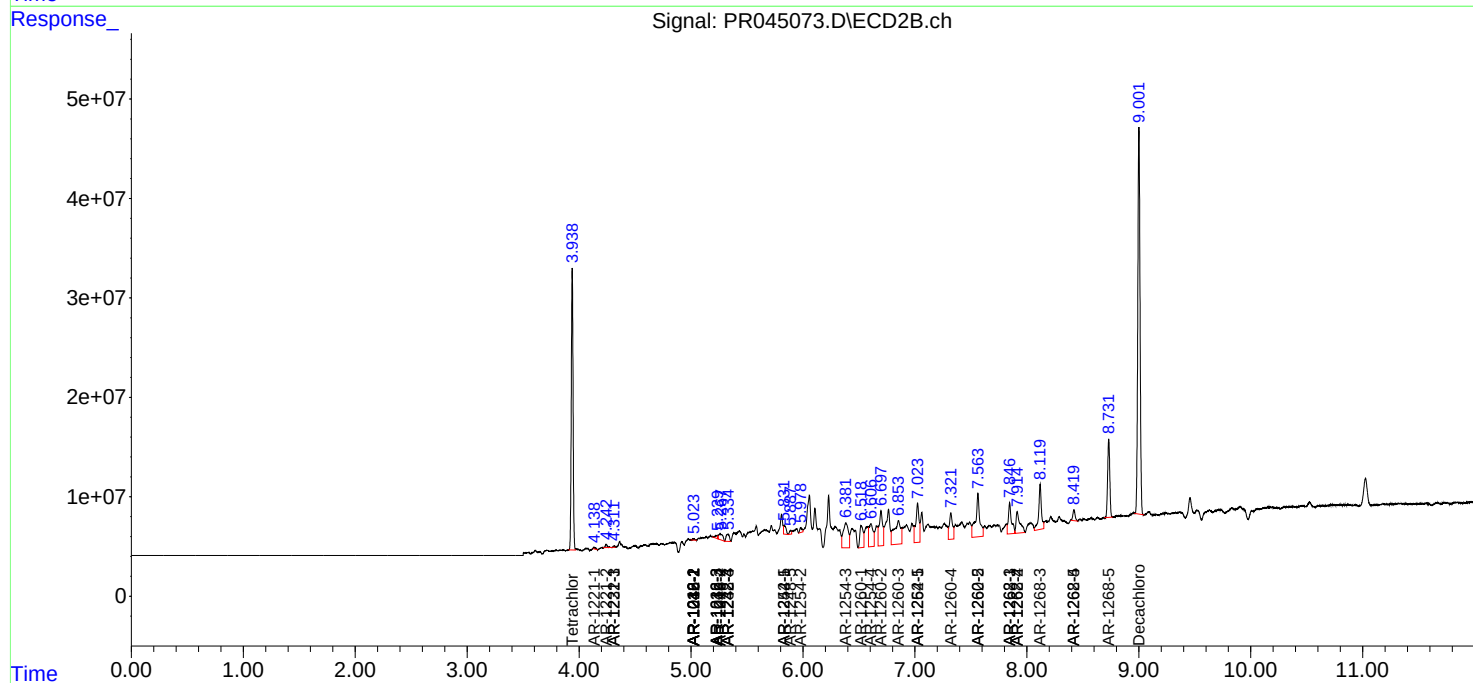
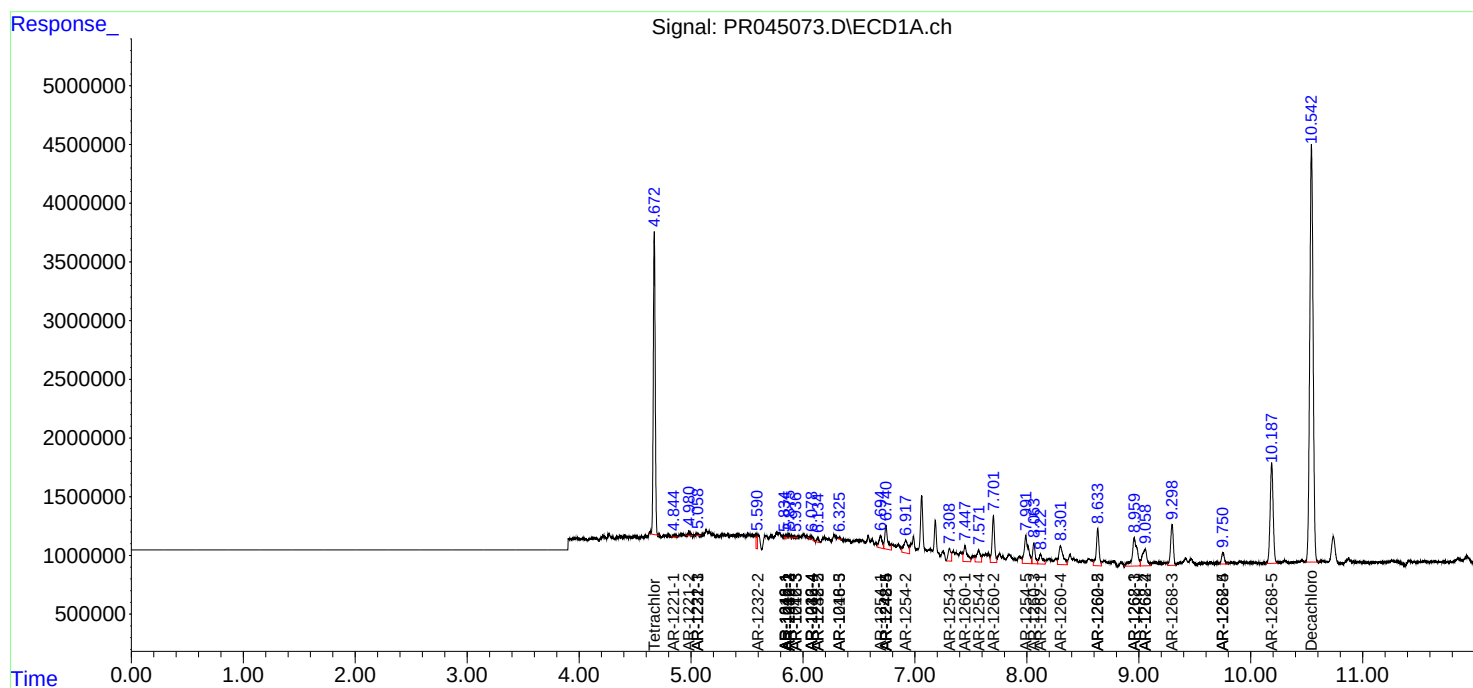
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

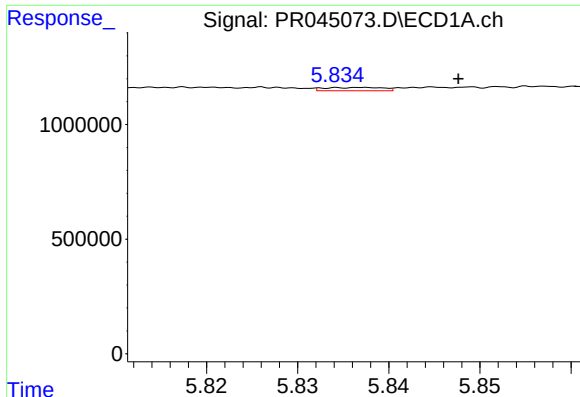
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR031720\
Data File : PR045073.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2020 10:59
Operator : AJ\MA
Sample : L1938-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 17:34:53 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR031220CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 13 12:07:27 2020
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

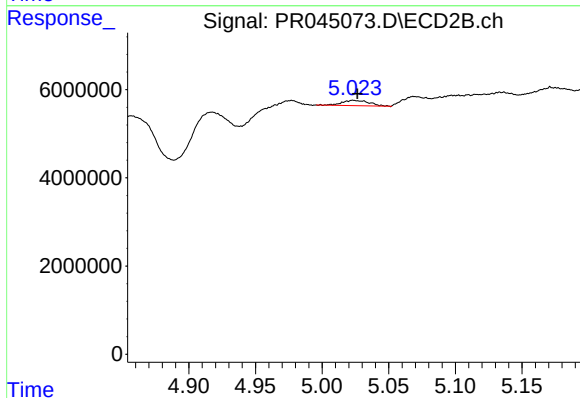




#3 AR-1016-1

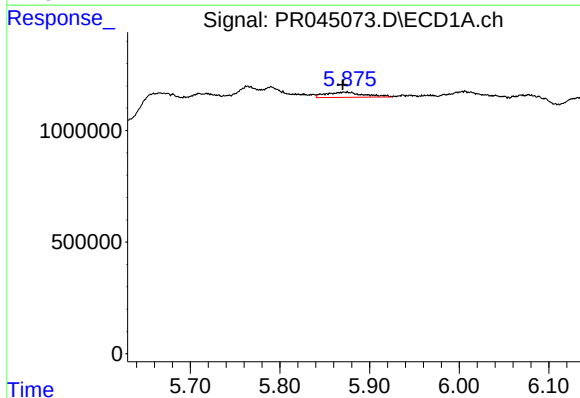
R.T.: 5.837 min
Delta R.T.: -0.010 min
Response: 64021
Conc: 1.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



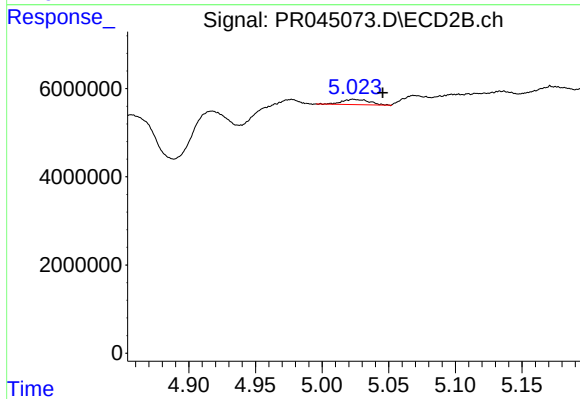
#3 AR-1016-1

R.T.: 5.024 min
Delta R.T.: -0.003 min
Response: 1702173
Conc: 4.08 ng/ml



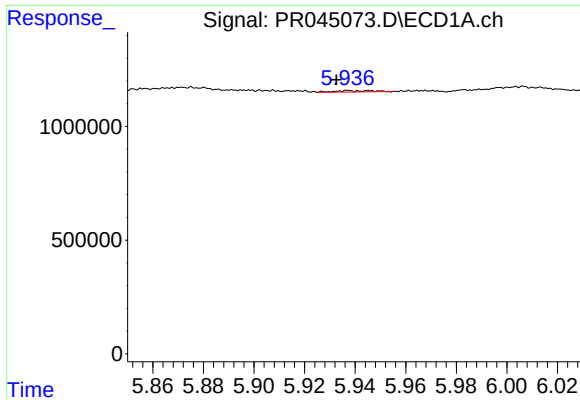
#4 AR-1016-2

R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 683338
Conc: 8.61 ng/ml



#4 AR-1016-2

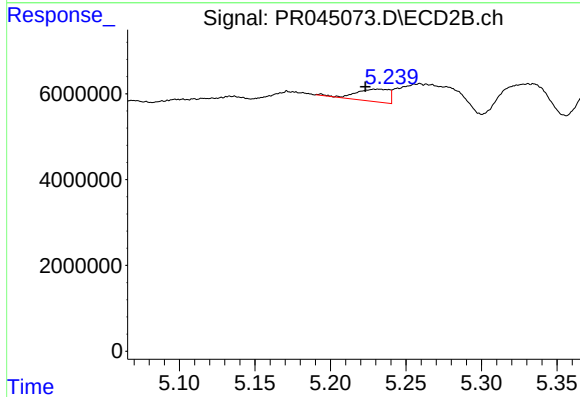
R.T.: 5.024 min
Delta R.T.: -0.022 min
Response: 1702173
Conc: 2.90 ng/ml



#5 AR-1016-3

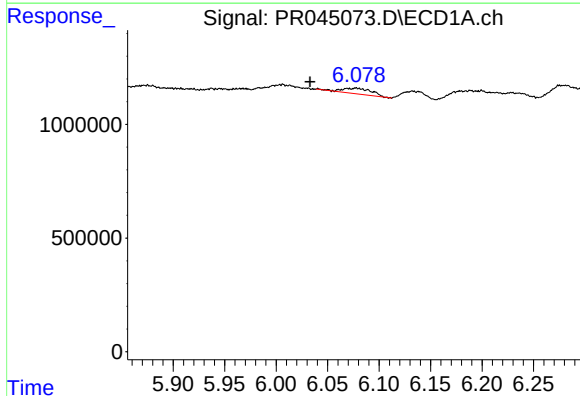
R.T.: 5.937 min
Delta R.T.: 0.005 min
Response: 60388
Conc: 1.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



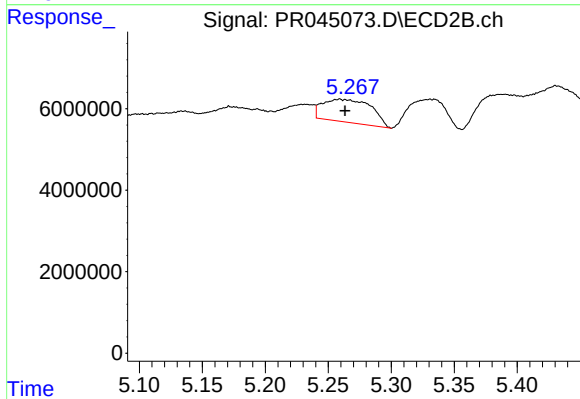
#5 AR-1016-3

R.T.: 5.232 min
Delta R.T.: 0.009 min
Response: 4405357
Conc: 13.41 ng/ml



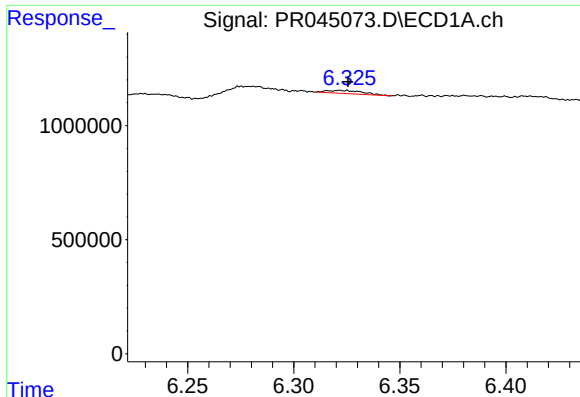
#6 AR-1016-4

R.T.: 6.069 min
Delta R.T.: 0.036 min
Response: 510156
Conc: 13.04 ng/ml



#6 AR-1016-4

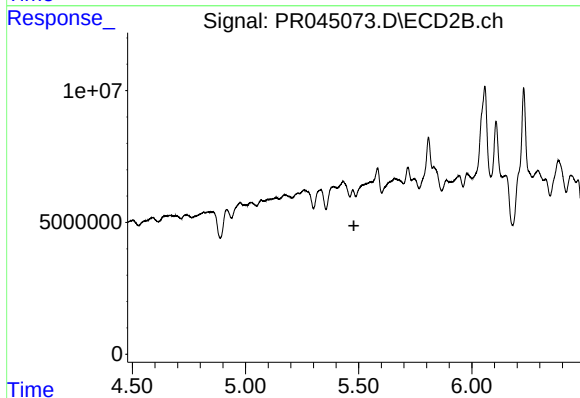
R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 15099562
Conc: 60.29 ng/ml



#7 AR-1016-5

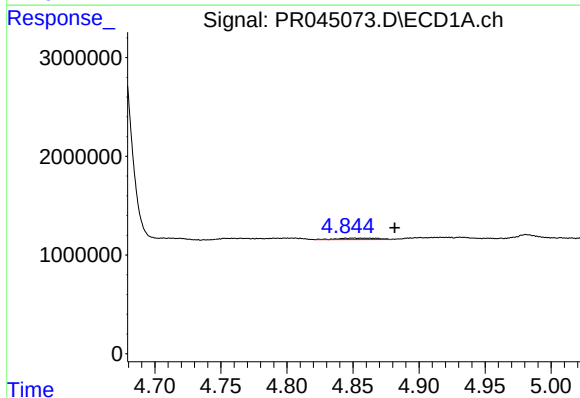
R.T.: 6.322 min
Delta R.T.: -0.004 min
Response: 156704
Conc: 4.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



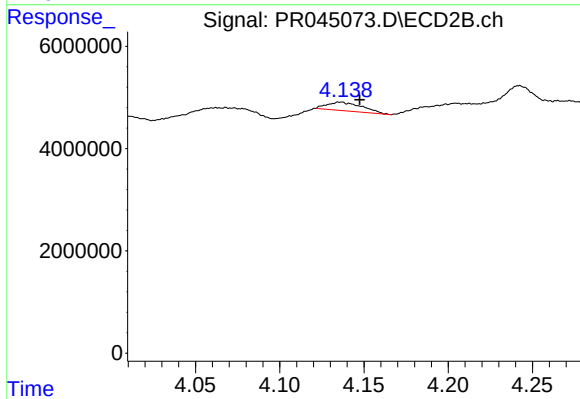
#7 AR-1016-5

R.T.: 5.474 min
Delta R.T.: -0.005 min
Response: -462746
Conc: N.D.



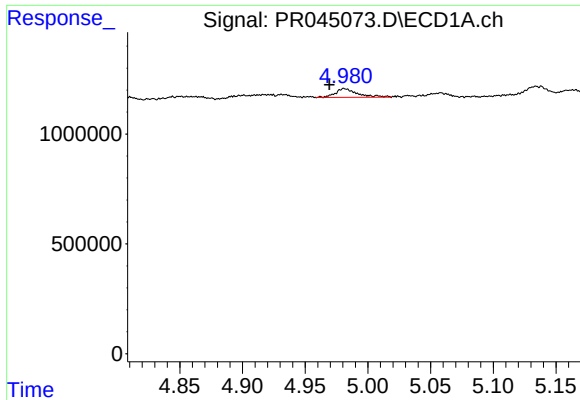
#8 AR-1221-1

R.T.: 4.851 min
Delta R.T.: -0.031 min
Response: 290227
Conc: 18.08 ng/ml



#8 AR-1221-1

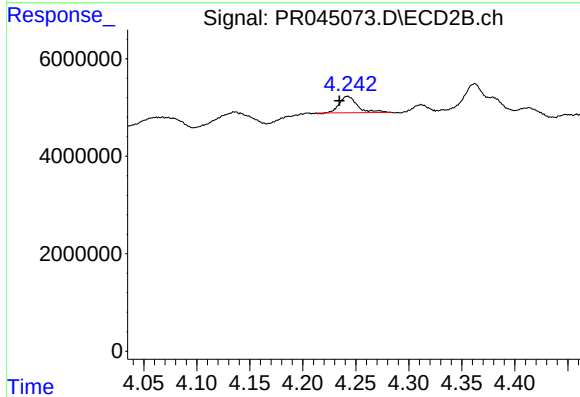
R.T.: 4.136 min
Delta R.T.: -0.011 min
Response: 2392953
Conc: 13.58 ng/ml



#9 AR-1221-2

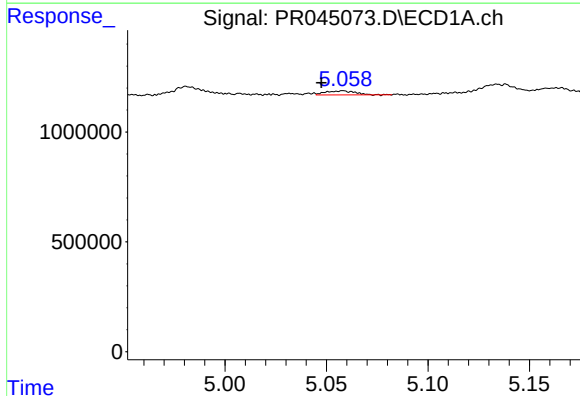
R.T.: 4.981 min
Delta R.T.: 0.012 min
Response: 486532
Conc: 44.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



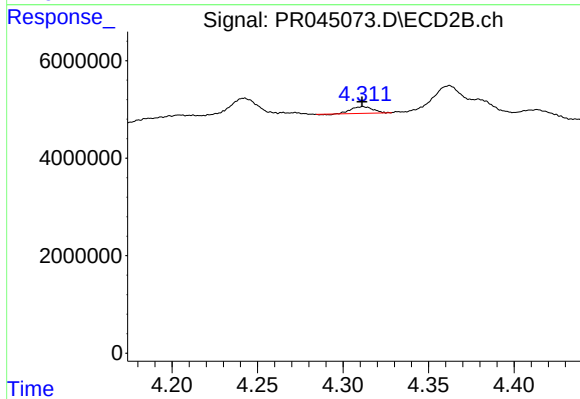
#9 AR-1221-2

R.T.: 4.242 min
Delta R.T.: 0.008 min
Response: 3971827
Conc: 32.16 ng/ml



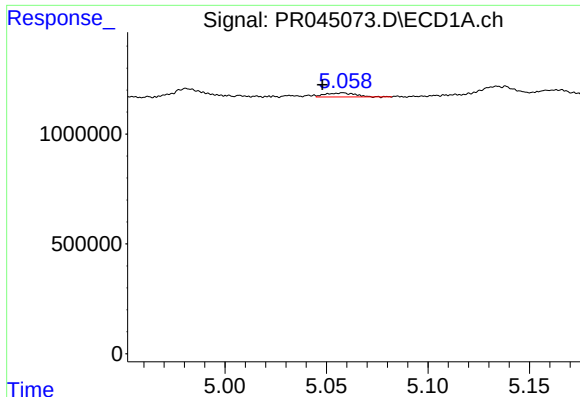
#10 AR-1221-3

R.T.: 5.058 min
Delta R.T.: 0.010 min
Response: 188274
Conc: 4.95 ng/ml



#10 AR-1221-3

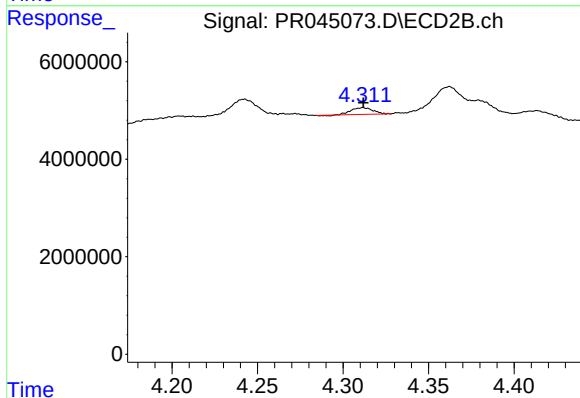
R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 1187201
Conc: 2.95 ng/ml



#11 AR-1232-1

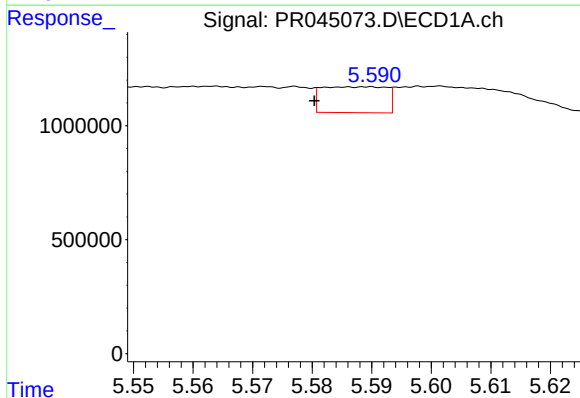
R.T.: 5.058 min
Delta R.T.: 0.010 min
Response: 188274
Conc: 5.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



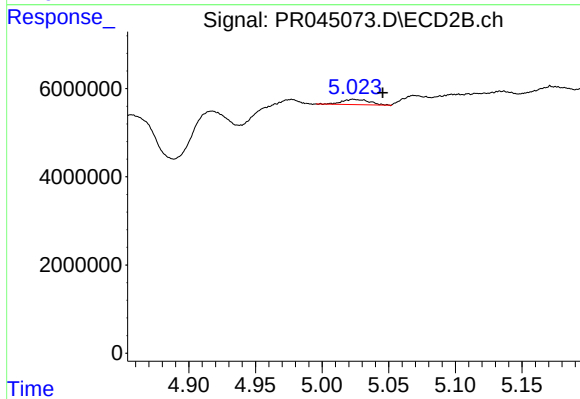
#11 AR-1232-1

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 1187201
Conc: 3.49 ng/ml



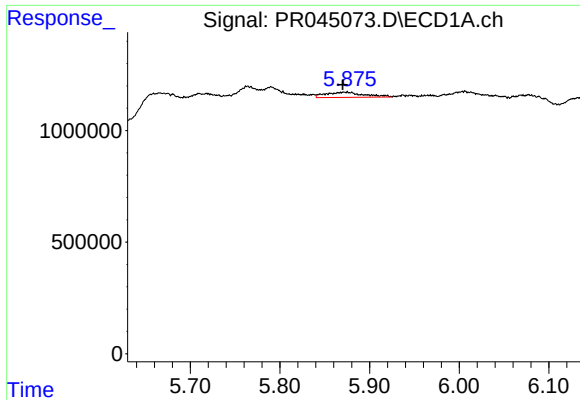
#12 AR-1232-2

R.T.: 5.589 min
Delta R.T.: 0.009 min
Response: 851688
Conc: 47.79 ng/ml



#12 AR-1232-2

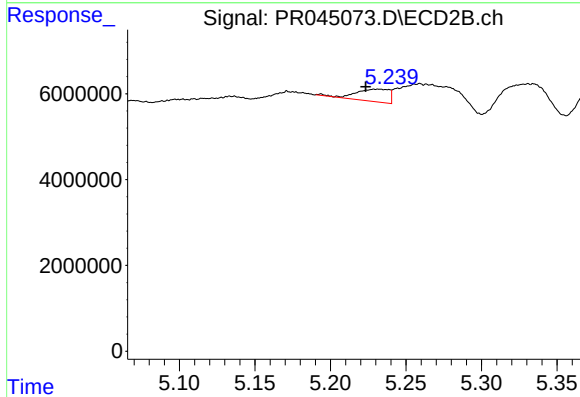
R.T.: 5.024 min
Delta R.T.: -0.022 min
Response: 1702173
Conc: 6.63 ng/ml



#13 AR-1232-3

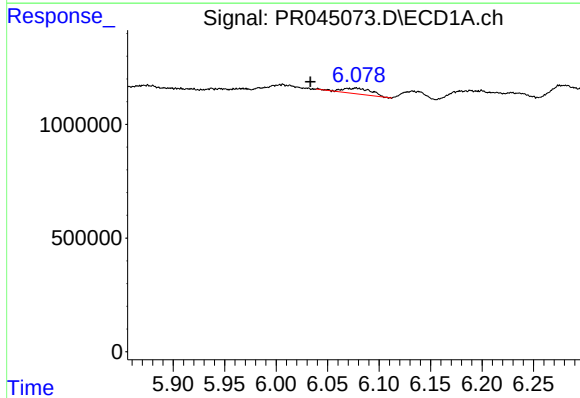
R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 683338
Conc: 19.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



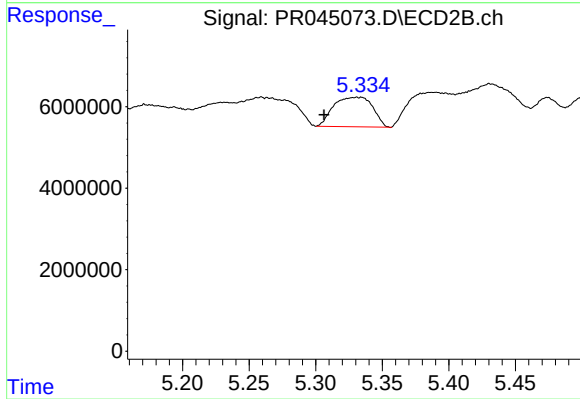
#13 AR-1232-3

R.T.: 5.232 min
Delta R.T.: 0.008 min
Response: 4405357
Conc: 31.69 ng/ml



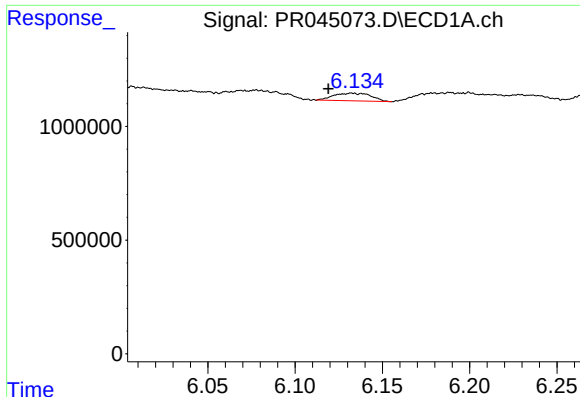
#14 AR-1232-4

R.T.: 6.069 min
Delta R.T.: 0.036 min
Response: 510156
Conc: 29.02 ng/ml



#14 AR-1232-4

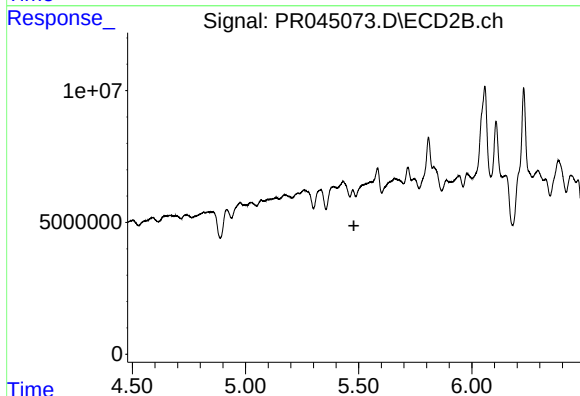
R.T.: 5.333 min
Delta R.T.: 0.027 min
Response: 14825782
Conc: 126.94 ng/ml



#15 AR-1232-5

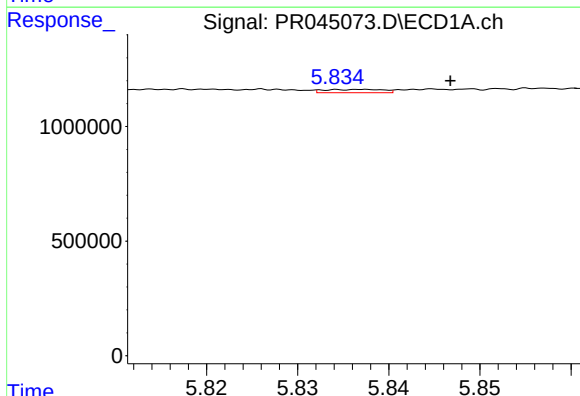
R.T.: 6.132 min
Delta R.T.: 0.013 min
Response: 507362
Conc: 38.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



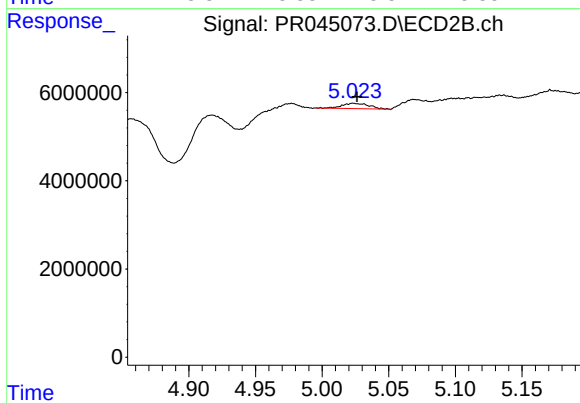
#15 AR-1232-5

R.T.: 5.474 min
Delta R.T.: -0.005 min
Response: -462746
Conc: N.D.



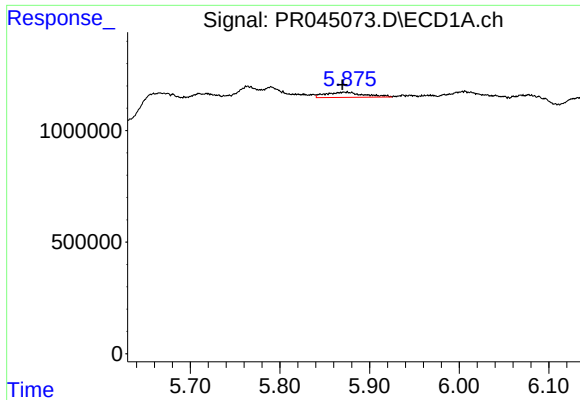
#16 AR-1242-1

R.T.: 5.837 min
Delta R.T.: -0.009 min
Response: 64021
Conc: 1.42 ng/ml



#16 AR-1242-1

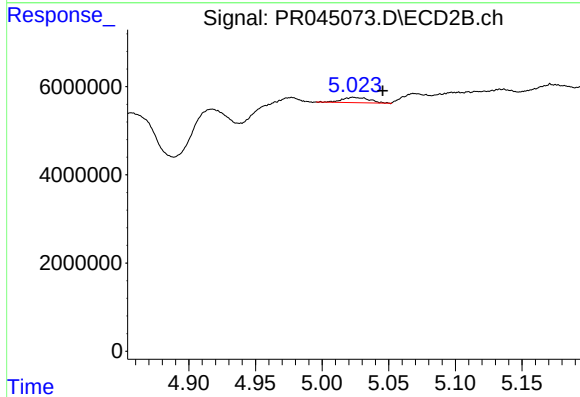
R.T.: 5.024 min
Delta R.T.: -0.003 min
Response: 1702173
Conc: 5.33 ng/ml



#17 AR-1242-2

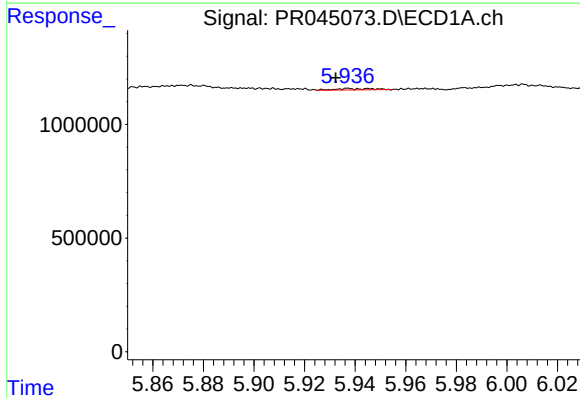
R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 683338
Conc: 10.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



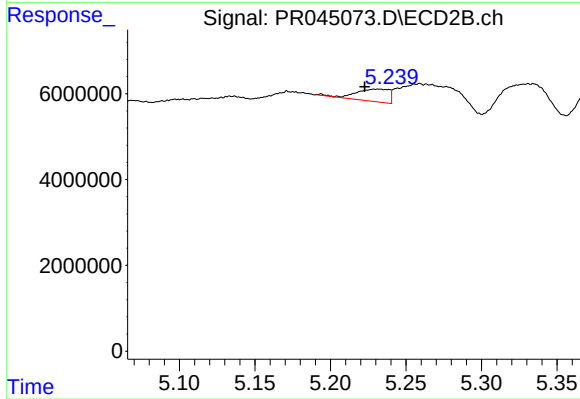
#17 AR-1242-2

R.T.: 5.024 min
Delta R.T.: -0.022 min
Response: 1702173
Conc: 3.86 ng/ml



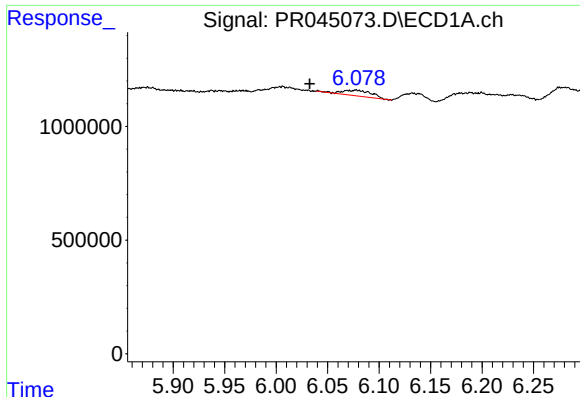
#18 AR-1242-3

R.T.: 5.937 min
Delta R.T.: 0.005 min
Response: 60388
Conc: 1.59 ng/ml



#18 AR-1242-3

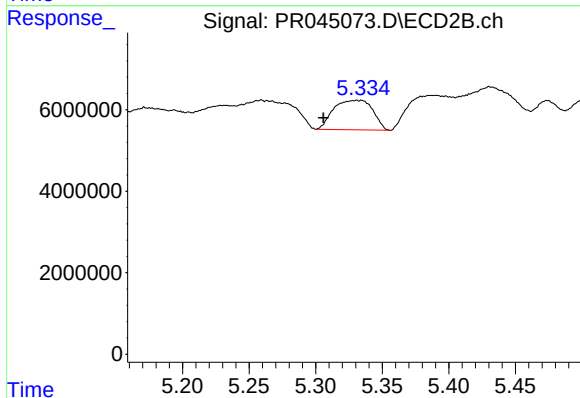
R.T.: 5.232 min
Delta R.T.: 0.009 min
Response: 4405357
Conc: 17.82 ng/ml



#19 AR-1242-4

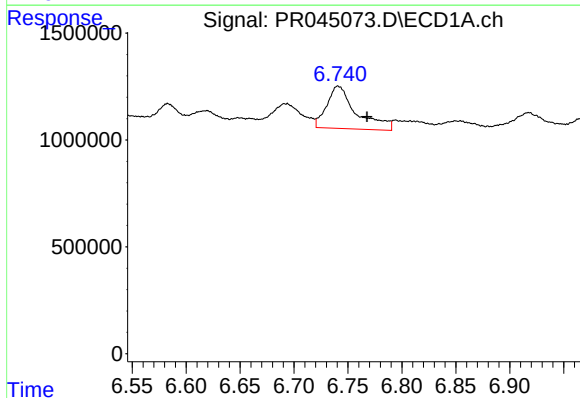
R.T.: 6.069 min
Delta R.T.: 0.037 min
Response: 510156
Conc: 16.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



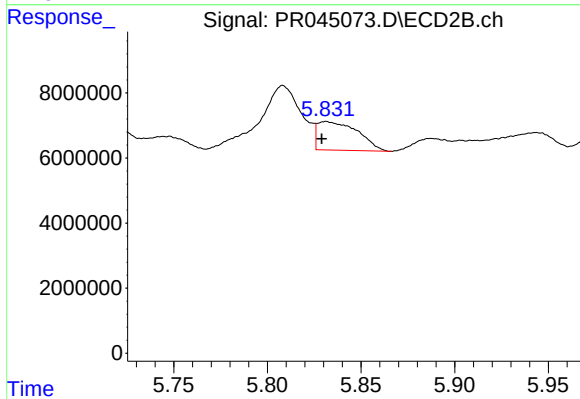
#19 AR-1242-4

R.T.: 5.333 min
Delta R.T.: 0.027 min
Response: 14825782
Conc: 64.08 ng/ml



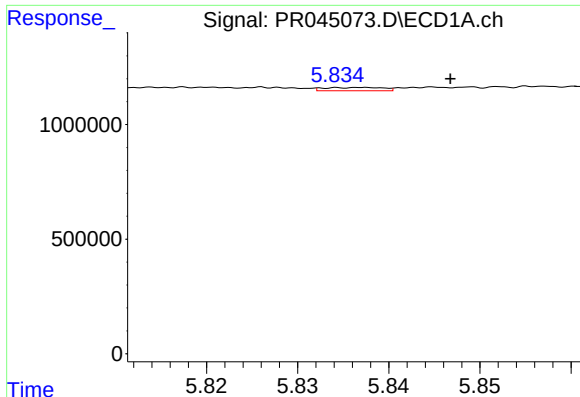
#20 AR-1242-5

R.T.: 6.741 min
Delta R.T.: -0.027 min
Response: 3776847
Conc: 103.41 ng/ml



#20 AR-1242-5

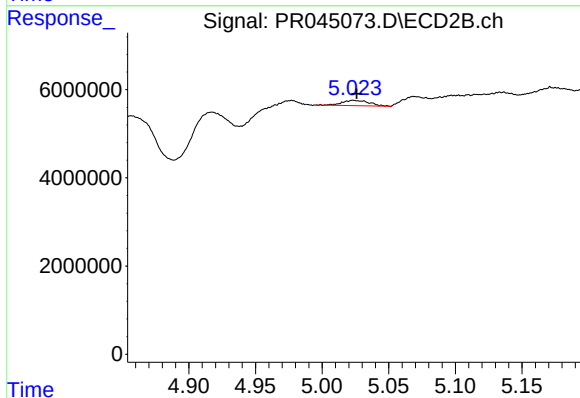
R.T.: 5.831 min
Delta R.T.: 0.002 min
Response: 13146307
Conc: 35.24 ng/ml



#21 AR-1248-1

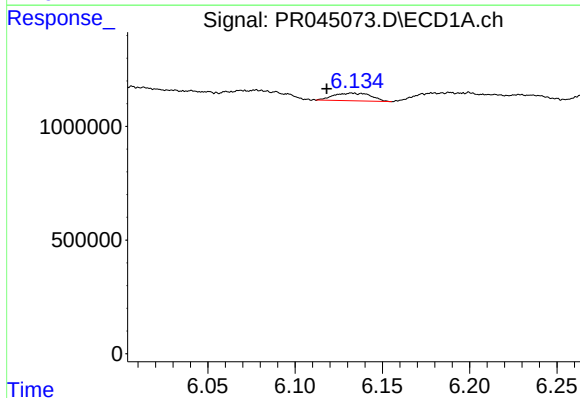
R.T.: 5.837 min
Delta R.T.: -0.009 min
Response: 64021
Conc: 1.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



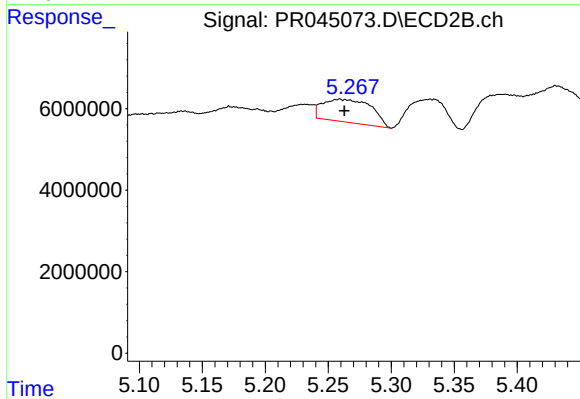
#21 AR-1248-1

R.T.: 5.024 min
Delta R.T.: -0.002 min
Response: 1702173
Conc: 6.95 ng/ml



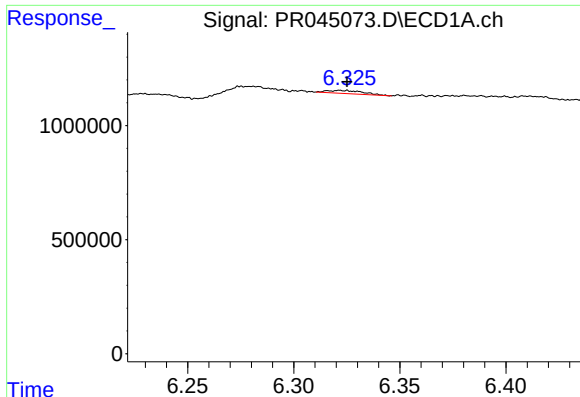
#22 AR-1248-2

R.T.: 6.132 min
Delta R.T.: 0.014 min
Response: 507362
Conc: 11.25 ng/ml



#22 AR-1248-2

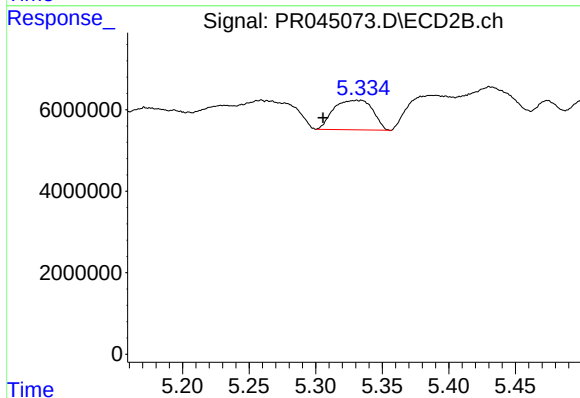
R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 15099562
Conc: 48.22 ng/ml



#23 AR-1248-3

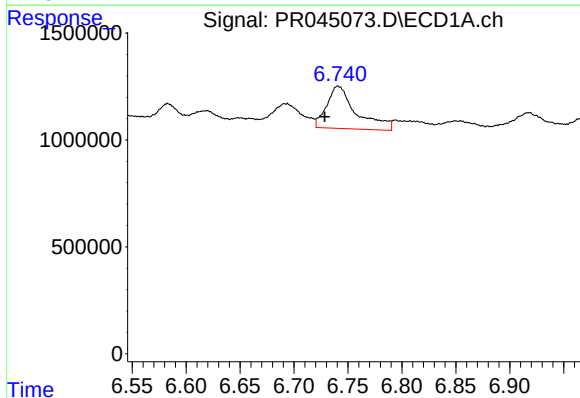
R.T.: 6.322 min
Delta R.T.: -0.003 min
Response: 156704
Conc: 3.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



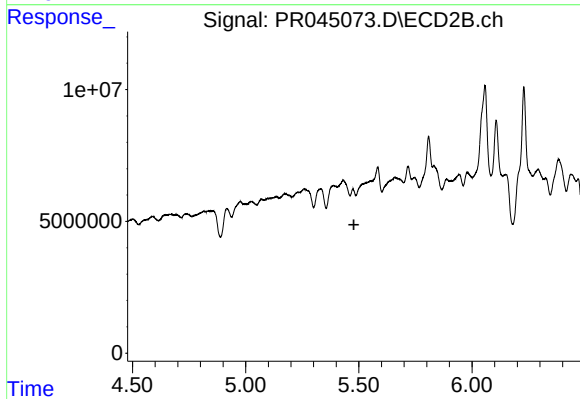
#23 AR-1248-3

R.T.: 5.333 min
Delta R.T.: 0.027 min
Response: 14825782
Conc: 45.79 ng/ml



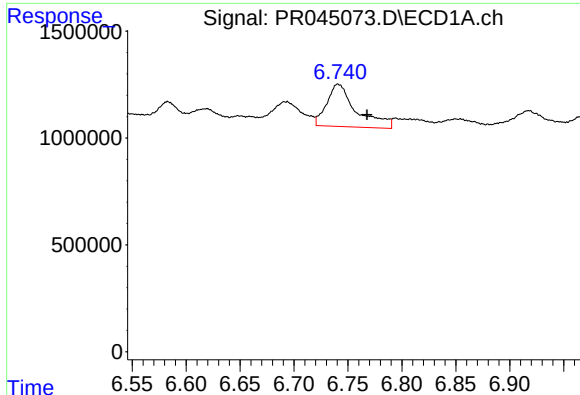
#24 AR-1248-4

R.T.: 6.741 min
Delta R.T.: 0.012 min
Response: 3776847
Conc: 60.67 ng/ml



#24 AR-1248-4

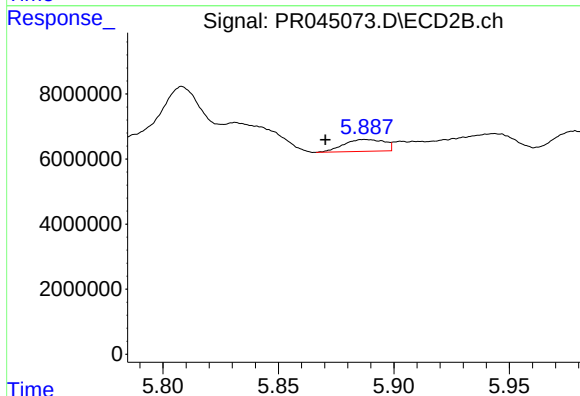
R.T.: 5.474 min
Delta R.T.: -0.004 min
Response: -462746
Conc: N.D.



#25 AR-1248-5

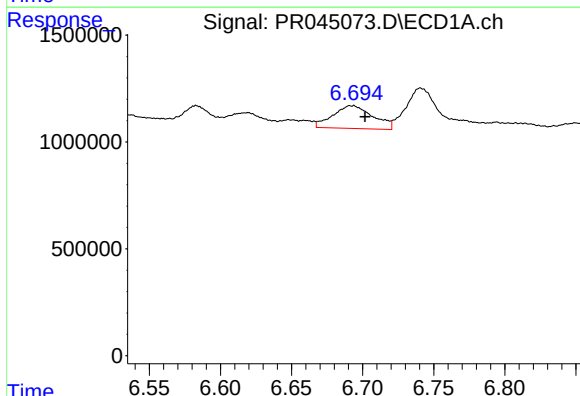
R.T.: 6.741 min
Delta R.T.: -0.027 min
Response: 3776847
Conc: 64.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



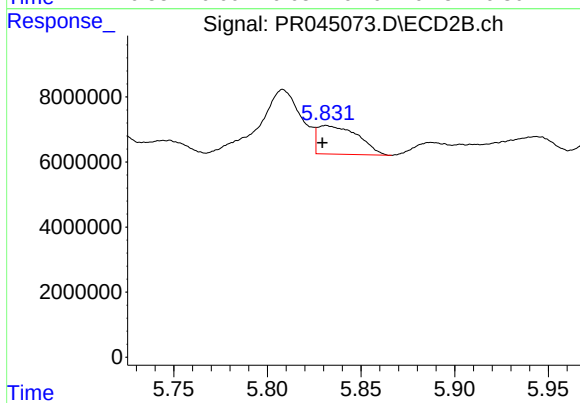
#25 AR-1248-5

R.T.: 5.888 min
Delta R.T.: 0.017 min
Response: 4423521
Conc: 9.01 ng/ml



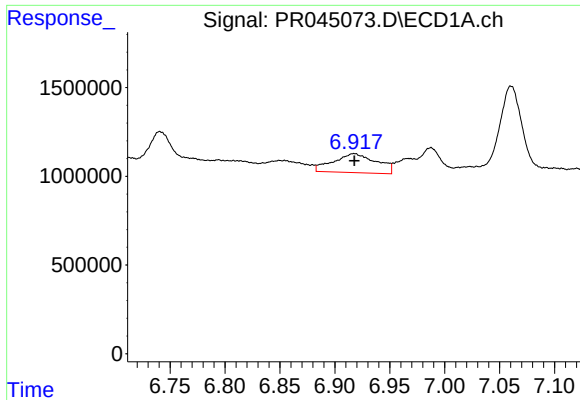
#26 AR-1254-1

R.T.: 6.692 min
Delta R.T.: -0.009 min
Response: 2103727
Conc: 34.01 ng/ml



#26 AR-1254-1

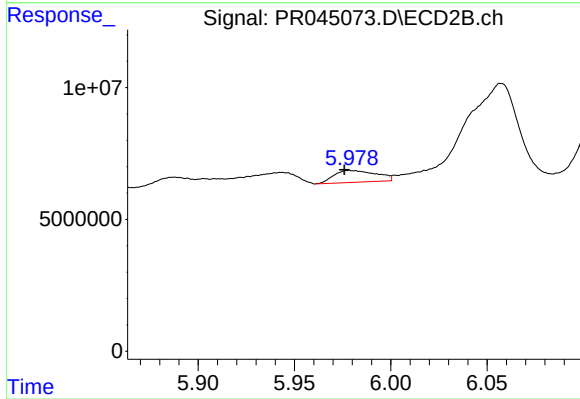
R.T.: 5.831 min
Delta R.T.: 0.002 min
Response: 13146307
Conc: 17.48 ng/ml



#27 AR-1254-2

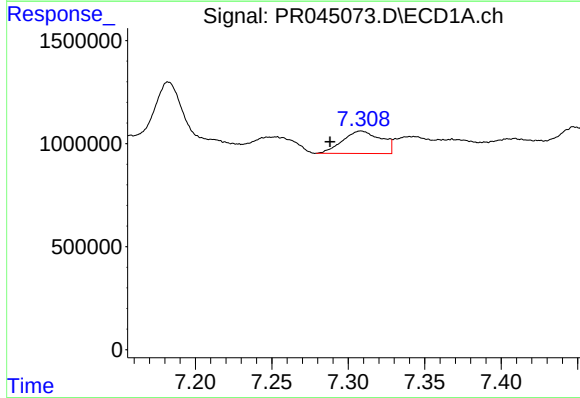
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 2922241
Conc: 30.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



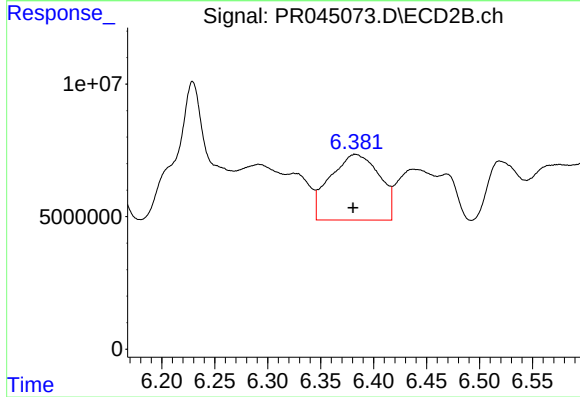
#27 AR-1254-2

R.T.: 5.979 min
Delta R.T.: 0.003 min
Response: 6819883
Conc: 10.10 ng/ml



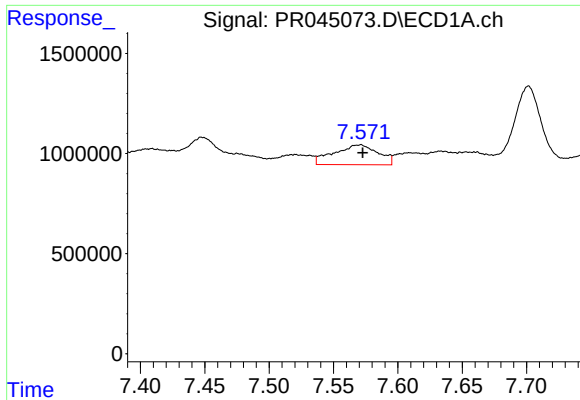
#28 AR-1254-3

R.T.: 7.308 min
Delta R.T.: 0.020 min
Response: 1904421
Conc: 18.58 ng/ml



#28 AR-1254-3

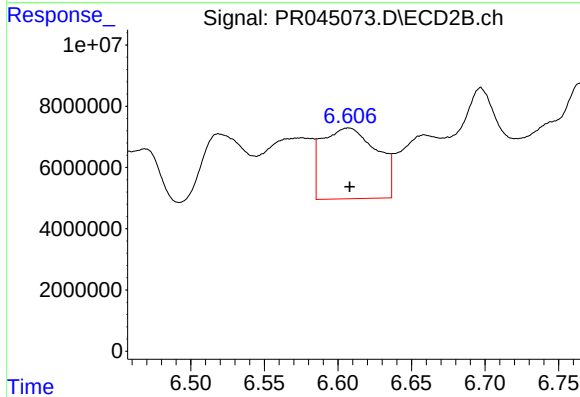
R.T.: 6.383 min
Delta R.T.: 0.002 min
Response: 80368387
Conc: 71.69 ng/ml



#29 AR-1254-4

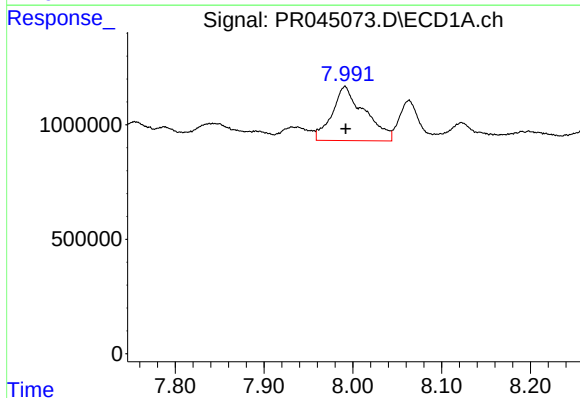
R.T.: 7.571 min
Delta R.T.: -0.002 min
Response: 2373133
Conc: 28.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



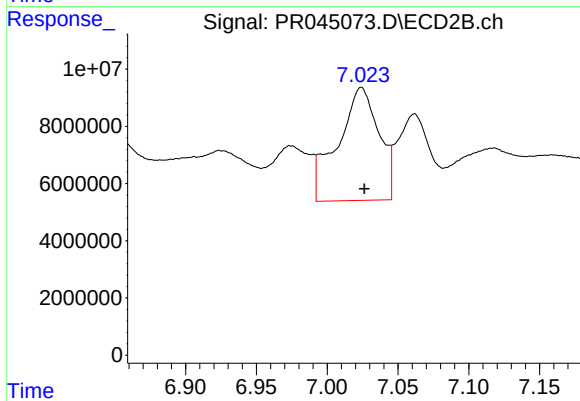
#29 AR-1254-4

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 59739662
Conc: 71.44 ng/ml



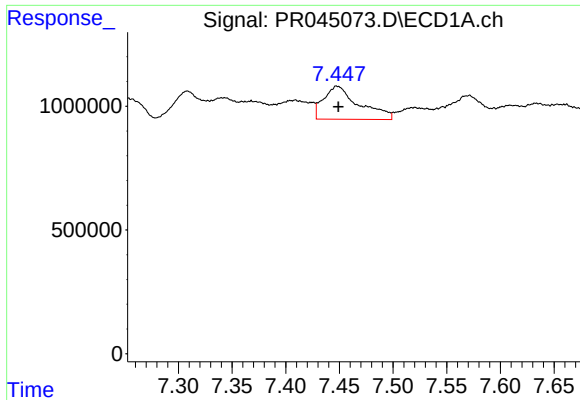
#30 AR-1254-5

R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 6038626
Conc: 69.52 ng/ml



#30 AR-1254-5

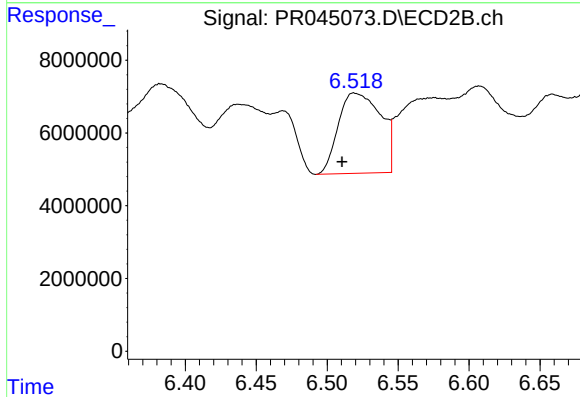
R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 80002356
Conc: 76.95 ng/ml



#31 AR-1260-1

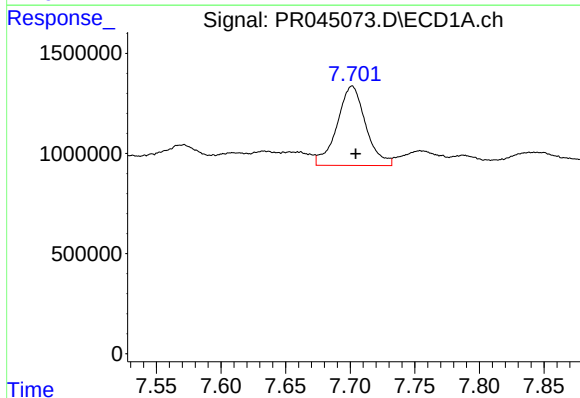
R.T.: 7.448 min
Delta R.T.: -0.001 min
Response: 3057399
Conc: 41.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



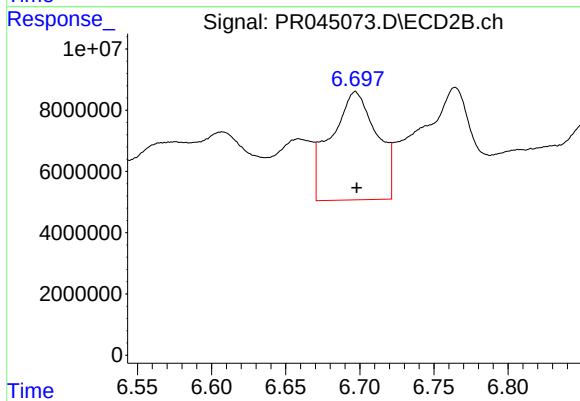
#31 AR-1260-1

R.T.: 6.519 min
Delta R.T.: 0.009 min
Response: 45935793
Conc: 62.69 ng/ml



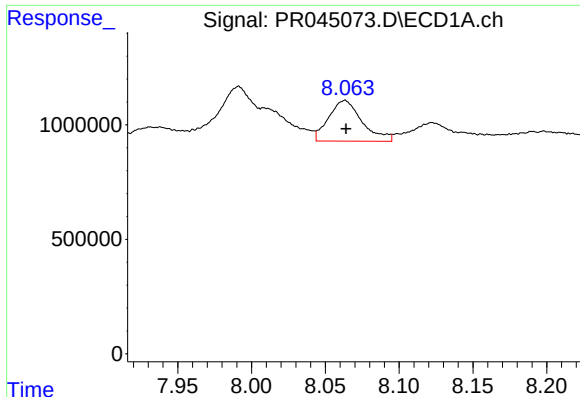
#32 AR-1260-2

R.T.: 7.702 min
Delta R.T.: -0.003 min
Response: 6129277
Conc: 66.03 ng/ml



#32 AR-1260-2

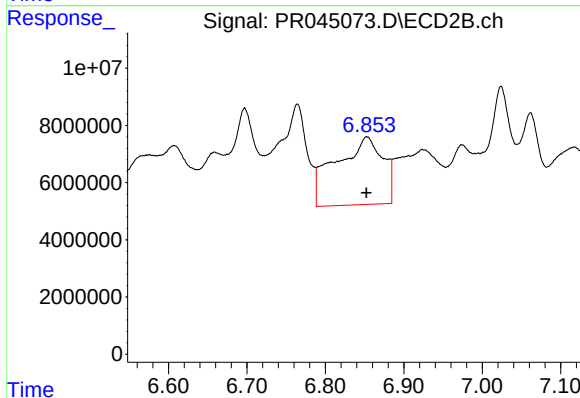
R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 75949334
Conc: 70.35 ng/ml



#33 AR-1260-3

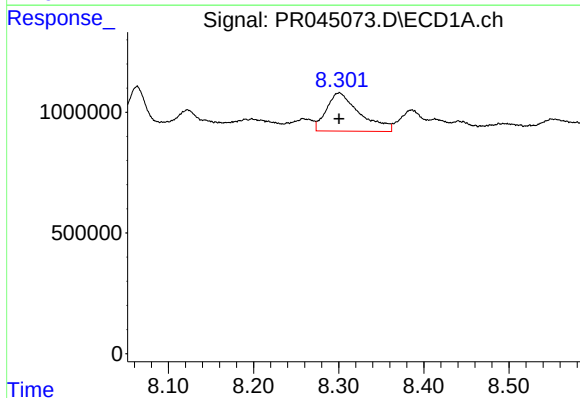
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 2804767
Conc: 37.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



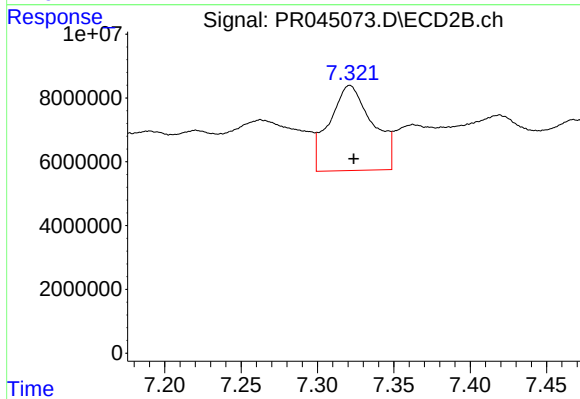
#33 AR-1260-3

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 98854453
Conc: 113.85 ng/ml



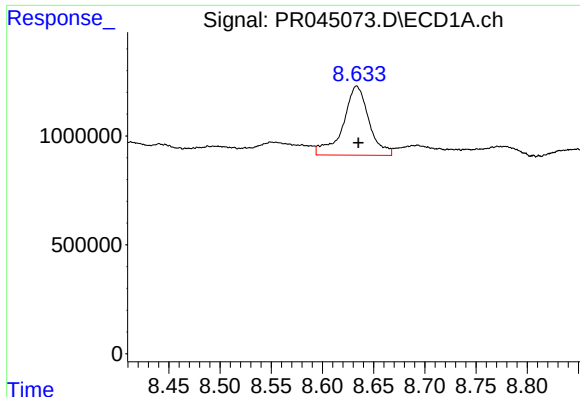
#34 AR-1260-4

R.T.: 8.301 min
Delta R.T.: 0.000 min
Response: 4311037
Conc: 53.18 ng/ml



#34 AR-1260-4

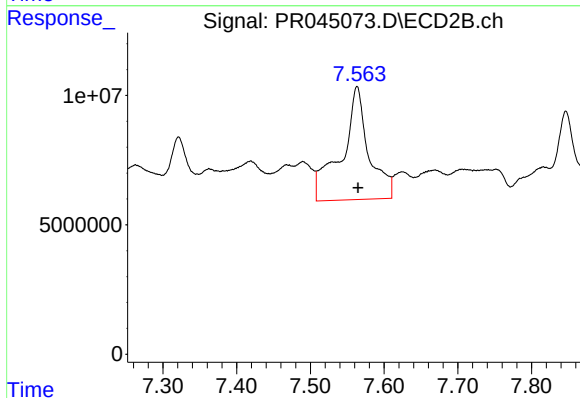
R.T.: 7.321 min
Delta R.T.: -0.003 min
Response: 52583212
Conc: 68.68 ng/ml



#35 AR-1260-5

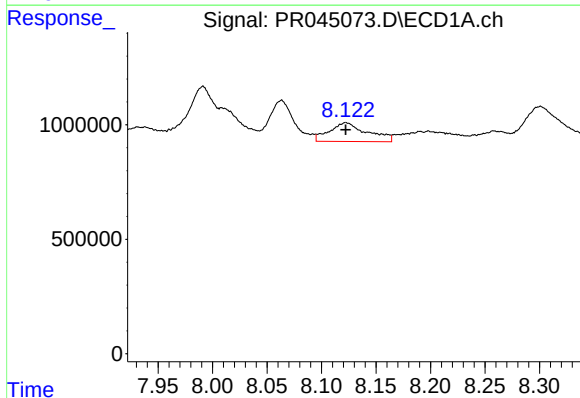
R.T.: 8.633 min
Delta R.T.: -0.002 min
Response: 5576580
Conc: 32.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



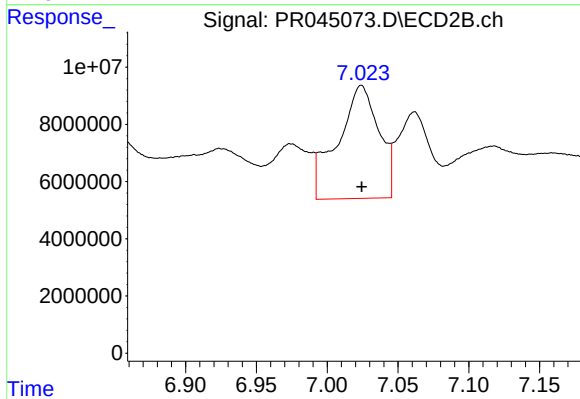
#35 AR-1260-5

R.T.: 7.563 min
Delta R.T.: -0.001 min
Response: 112518854
Conc: 49.43 ng/ml



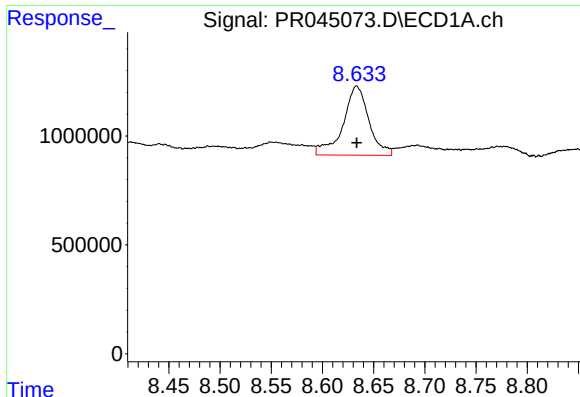
#36 AR-1262-1

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 1994016
Conc: 43.35 ng/ml



#36 AR-1262-1

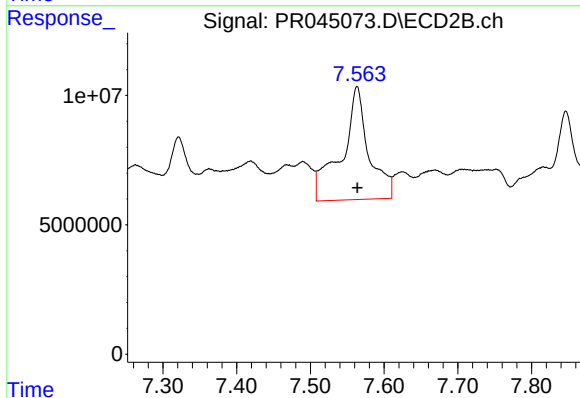
R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 80002356
Conc: 144.49 ng/ml



#37 AR-1262-2

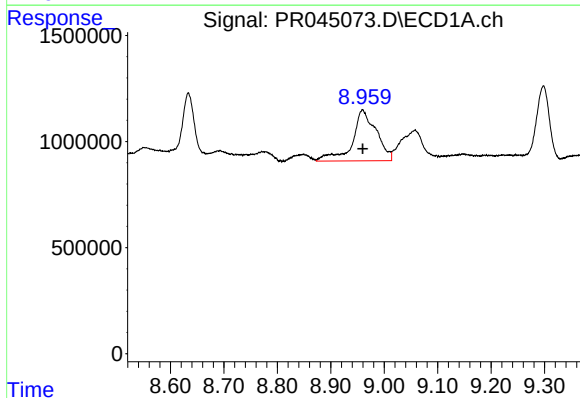
R.T.: 8.633 min
Delta R.T.: 0.000 min
Response: 5576580
Conc: 26.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



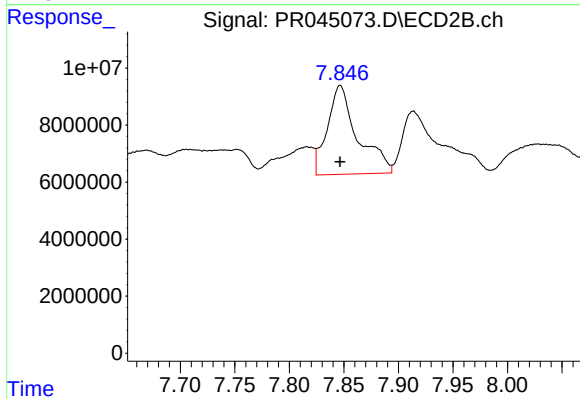
#37 AR-1262-2

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 112518854
Conc: 43.32 ng/ml



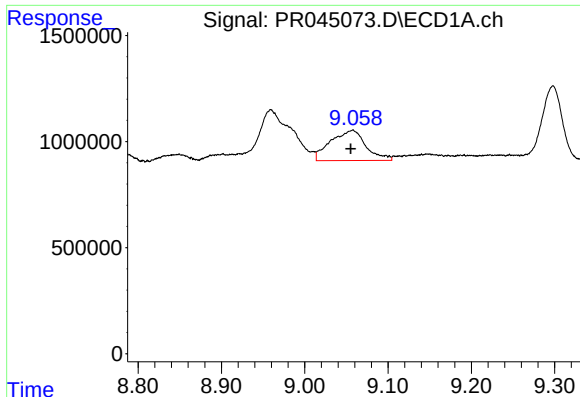
#38 AR-1262-3

R.T.: 8.959 min
Delta R.T.: 0.000 min
Response: 7464781
Conc: 50.93 ng/ml



#38 AR-1262-3

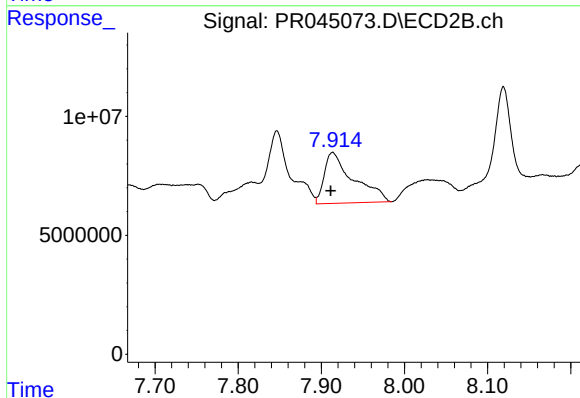
R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 60157571
Conc: 56.33 ng/ml



#39 AR-1262-4

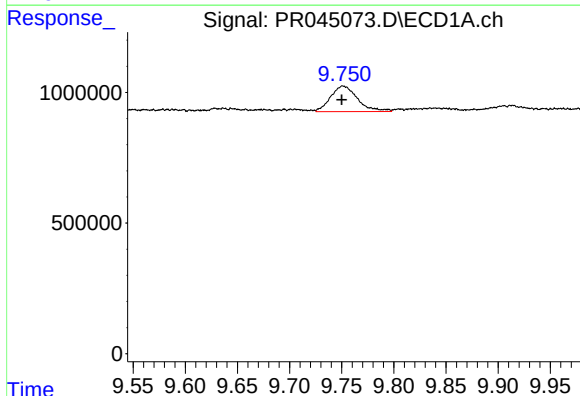
R.T.: 9.058 min
Delta R.T.: 0.002 min
Response: 4199156
Conc: 36.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



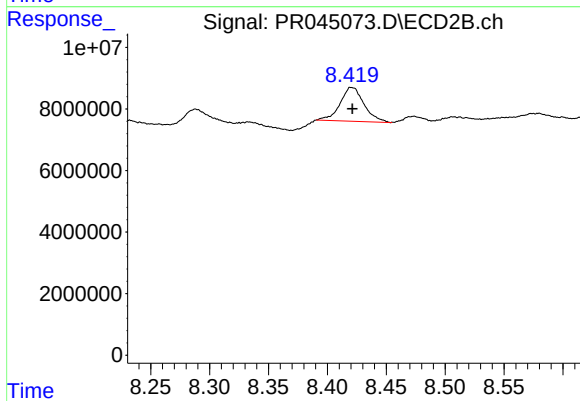
#39 AR-1262-4

R.T.: 7.914 min
Delta R.T.: 0.002 min
Response: 52098220
Conc: 29.65 ng/ml



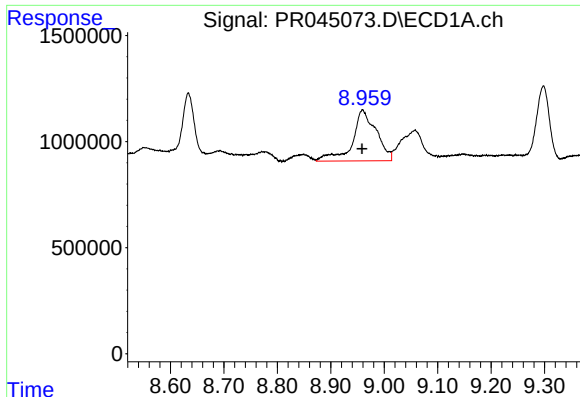
#40 AR-1262-5

R.T.: 9.751 min
Delta R.T.: 0.001 min
Response: 1757403
Conc: 20.66 ng/ml



#40 AR-1262-5

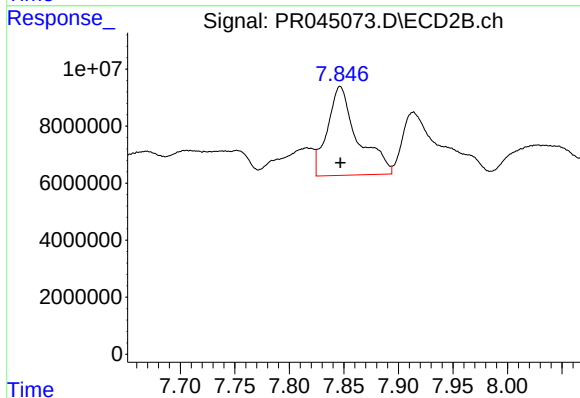
R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 15540105
Conc: 18.76 ng/ml



#41 AR-1268-1

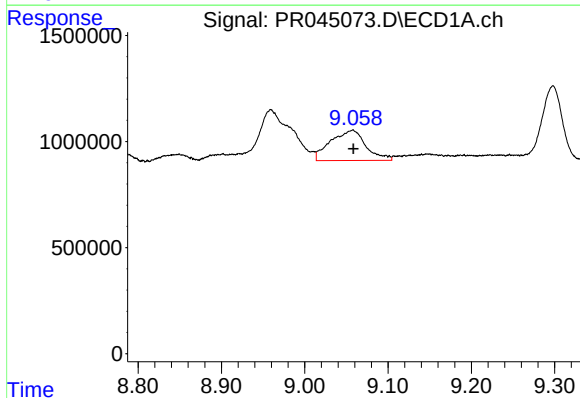
R.T.: 8.959 min
Delta R.T.: 0.000 min
Response: 7464781
Conc: 29.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



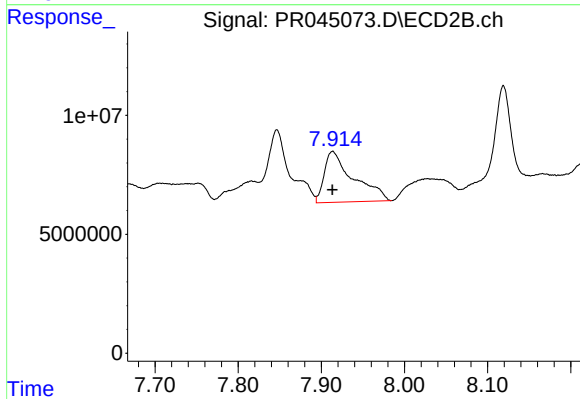
#41 AR-1268-1

R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 60157571
Conc: 20.23 ng/ml



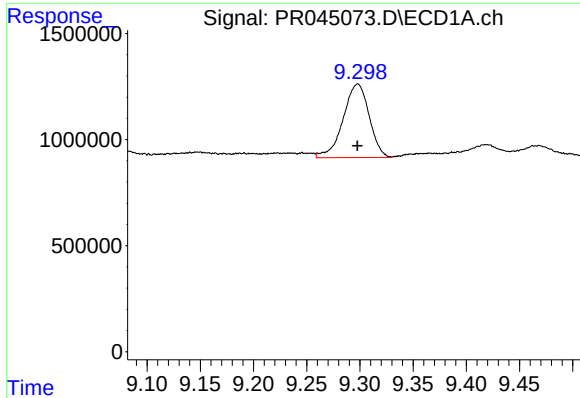
#42 AR-1268-2

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 4199156
Conc: 17.35 ng/ml



#42 AR-1268-2

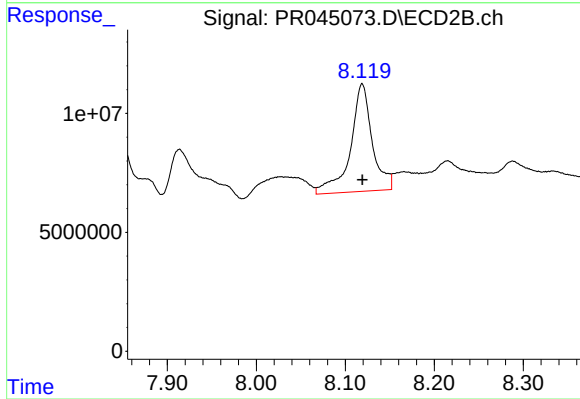
R.T.: 7.914 min
Delta R.T.: 0.000 min
Response: 52098220
Conc: 20.46 ng/ml



#43 AR-1268-3

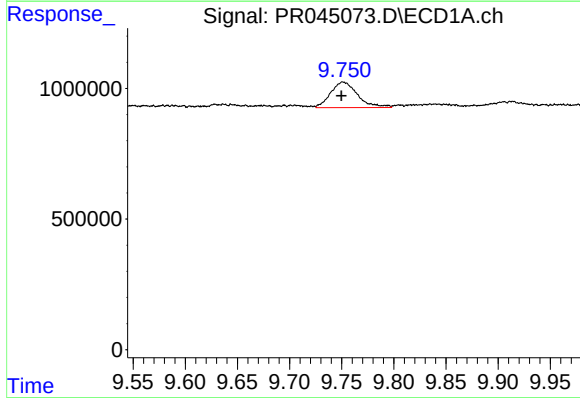
R.T.: 9.298 min
Delta R.T.: 0.000 min
Response: 5910459
Conc: 28.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



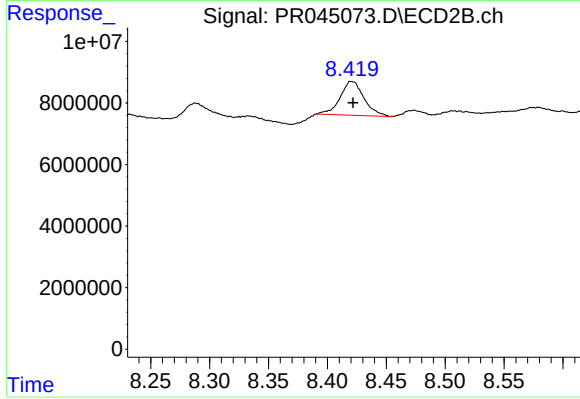
#43 AR-1268-3

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 77105013
Conc: 35.25 ng/ml



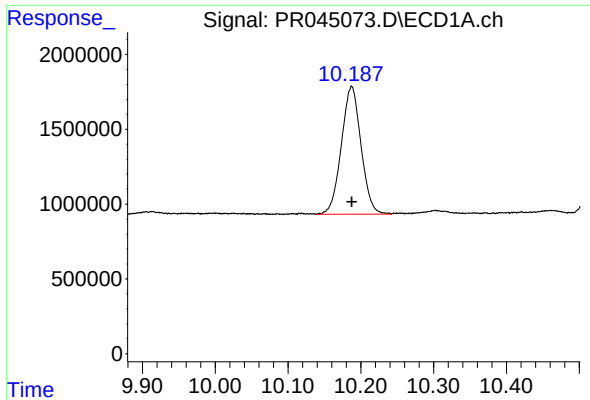
#44 AR-1268-4

R.T.: 9.751 min
Delta R.T.: 0.001 min
Response: 1757403
Conc: 18.77 ng/ml



#44 AR-1268-4

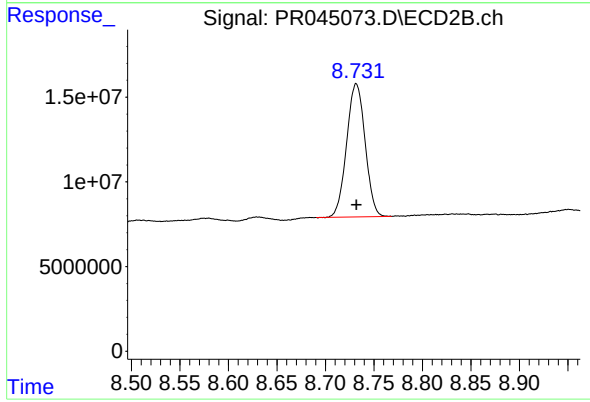
R.T.: 8.421 min
Delta R.T.: -0.001 min
Response: 15540105
Conc: 17.01 ng/ml



#45 AR-1268-5

R.T.: 10.187 min
Delta R.T.: 0.000 min
Response: 16034325
Conc: 23.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 104354246
Conc: 16.19 ng/ml