

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080118\
 Data File : PR031014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2018 10:35 am
 Operator : SM\MA
 Sample : AR1221CCC500
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 10:48:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR073118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 01 10:06:46 2018
 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...	4.567	3.683	779.4E6	1306.9E6	53.060	49.676
2)	SA Decachlor...	10.346	8.590	1581.8E6	925.7E6	44.547	42.654
Target Compounds							
3)	L1 AR-1016-1	4.933	4.341	186.2E6	38101319	686.029	44.225 #
4)	L1 AR-1016-2	5.462	4.746	7357325	48416026	17.415	35.899 #
5)	L1 AR-1016-3	5.750	4.763	36215586	85891246	35.929	34.822
6)	L1 AR-1016-4	5.814	4.819	19011708	53612067	31.537	36.245
7)	L1 AR-1016-5	6.350	4.975	18511180	25918983	31.082	25.853
8)	L2 AR-1221-1	4.771	3.891	87938276	167.1E6	484.896	453.743
9)	L2 AR-1221-2	4.857	3.977	66159483	127.1E6	467.078	453.640
10)	L2 AR-1221-3	4.933	4.050	186.2E6	415.7E6	434.164	456.160
11)	L3 AR-1232-1	5.267	4.341	15195935	38101319	77.707	94.462
12)	L3 AR-1232-2	5.462	4.763	7357325	85891246	38.809	76.941 #
13)	L3 AR-1232-3	5.750	4.819	36215586	53612067	71.220	79.653
14)	L3 AR-1232-4	5.814	5.015	19011708	36097383	69.466	71.236
15)	L3 AR-1232-5	6.205	5.332	9371470	50542745	40.595	81.987 #
16)	L4 AR-1242-1	5.462	4.529	7357325	48316624	20.750	56.042 #
17)	L4 AR-1242-2	5.727	4.763	23360633	85891246	39.614	42.389
18)	L4 AR-1242-3	5.750	4.938	36215586	39058465	43.831	40.580
19)	L4 AR-1242-4	6.205	4.975	9371470	25918983	20.158	31.669 #
20)	L4 AR-1242-5	6.350	5.184	18511180	64059512	35.185	53.843 #
21)	L5 AR-1248-1	6.205	4.975	9371470	25918983	12.939	19.141 #
22)	L5 AR-1248-2	6.350	5.015	18511180	36097383	29.429	25.617
23)	L5 AR-1248-3	6.606	5.184	16794822	64059512	17.344	35.573 #
24)	L5 AR-1248-4	6.643	5.531	20253418	80859403	22.153	28.573 #
25)	L5 AR-1248-5	6.805	5.572	11404288	118.1E6	11.982	58.281 #
26)	L6 AR-1254-1	6.000	4.975	7556189	25918983	13.496	20.205 #
27)	L6 AR-1254-2	6.805	5.673	11404288	64741567	5.974	18.779 #
28)	L6 AR-1254-3	7.168	6.070	15738245	102.4E6	7.413	18.121 #
29)	L6 AR-1254-4	7.446	6.296	-12648874	36943613	N.D.	8.433 #
30)	L6 AR-1254-5	7.864	6.705	7808243	32618218	3.928	7.768 #
31)	L7 AR-1260-1	7.284	6.197	5772508	132.0E6	4.411	41.536 #
32)	L7 AR-1260-2	7.585	6.385	731469	60567797	0.382	15.317 #
33)	L7 AR-1260-3	7.864	6.740	7808243	16385772	3.568	5.786 #
34)	L7 AR-1260-4	8.491	7.234	3756715	4290453	1.003	1.170
35)	L7 AR-1260-5	8.835	7.582	4208445	4574626	1.780	2.157
36)	L8 AR-1262-1	7.284	6.197	5772508	132.0E6	4.679	46.258 #
37)	L8 AR-1262-2	7.585	6.385	731469	60567797	0.419	17.488 #
38)	L8 AR-1262-3	7.944	6.740	3893799	16385772	1.477	3.910 #
39)	L8 AR-1262-4	8.220	6.997	5085254	20207275	2.401	7.416 #
40)	L8 AR-1262-5	8.491	7.234	3756715	4290453	0.770	0.938
41)	L9 AR-1268-1	8.835	7.517	4208445	4942766	0.755	1.258 #

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 Acq On : 01 Aug 2018 10:35 am
 Operator : SM\MA
 Sample : AR1221CCC500
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

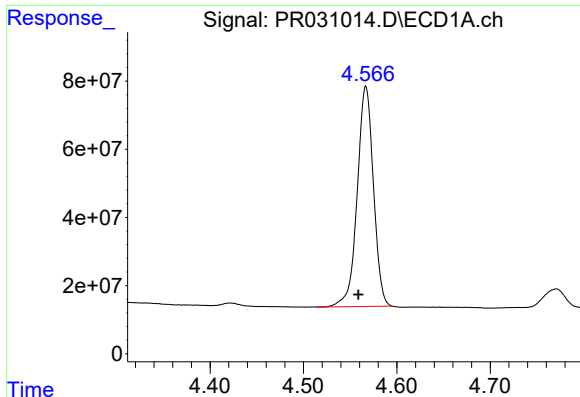
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 10:48:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR073118.M
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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
42) L9	AR-1268-2	8.857	7.582	2444537	4574626	0.509	1.375 #
43) L9	AR-1268-3	9.145	7.774	18283075	17676834	4.217	6.590 #
44) L9	AR-1268-4	9.571	8.025	7163403	3633103	3.716	3.134
45) L9	AR-1268-5	9.998	8.350	16107650	14683151	1.261	2.100 #

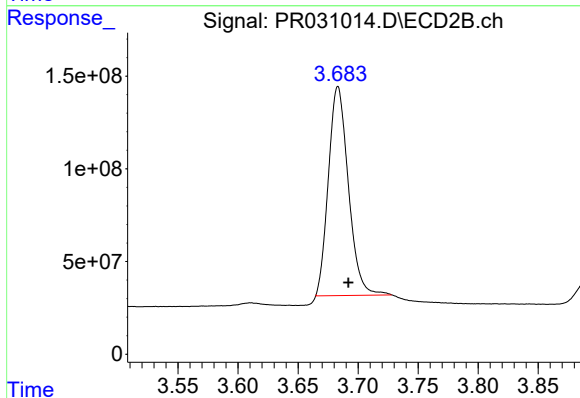
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

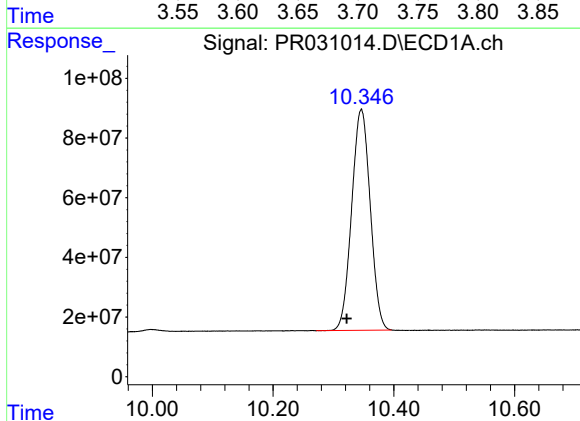
R.T.: 4.567 min
Delta R.T.: 0.008 min
Response: 779402849
Conc: 53.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



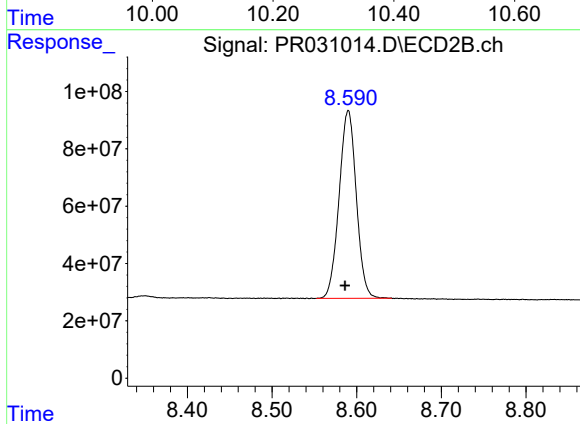
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.009 min
Response: 1306901105
Conc: 49.68 ng/ml



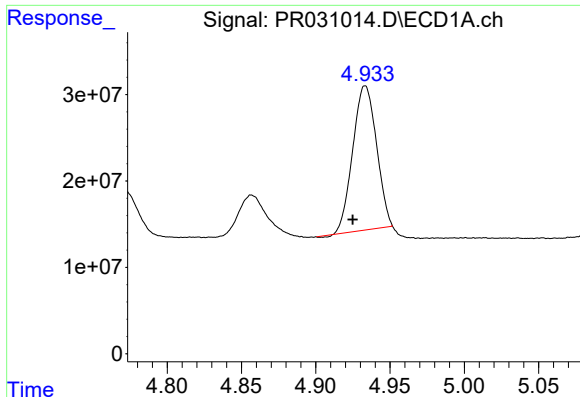
#2 Decachlorobiphenyl

R.T.: 10.346 min
Delta R.T.: 0.024 min
Response: 1581767774
Conc: 44.55 ng/ml



#2 Decachlorobiphenyl

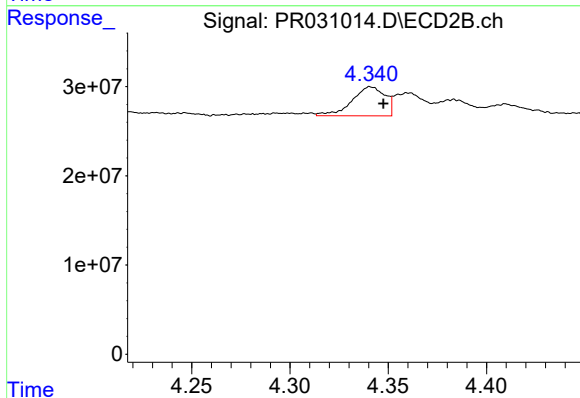
R.T.: 8.590 min
Delta R.T.: 0.004 min
Response: 925657071
Conc: 42.65 ng/ml



#3 AR-1016-1

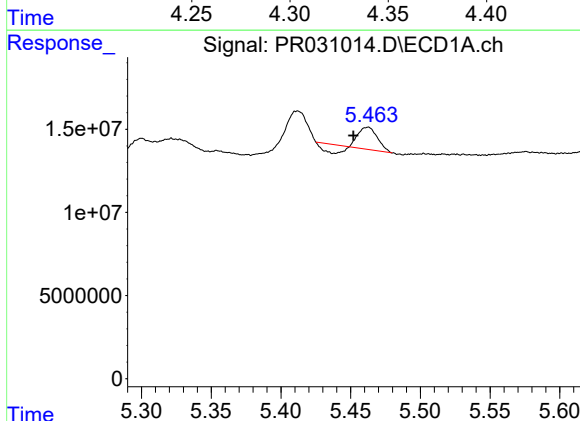
R.T.: 4.933 min
Delta R.T.: 0.008 min
Response: 186220202
Conc: 686.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



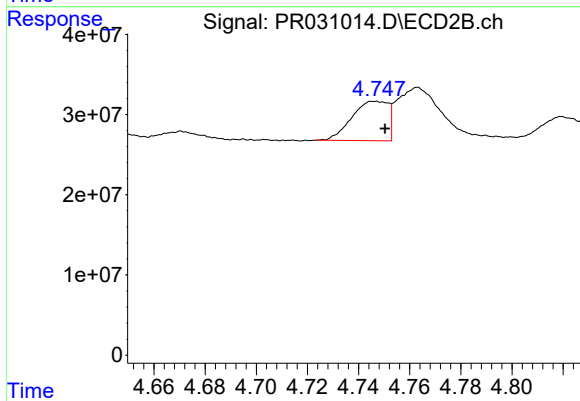
#3 AR-1016-1

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 38101319
Conc: 44.22 ng/ml



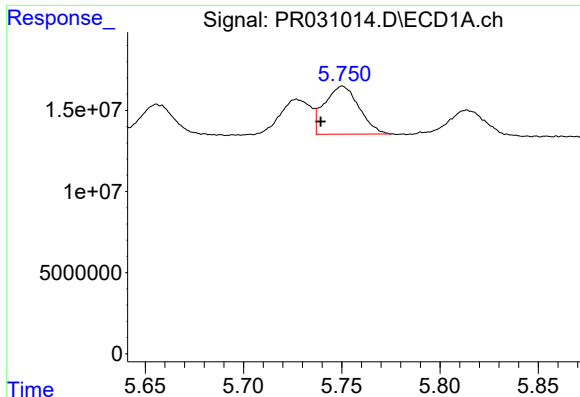
#4 AR-1016-2

R.T.: 5.462 min
Delta R.T.: 0.010 min
Response: 7357325
Conc: 17.41 ng/ml



#4 AR-1016-2

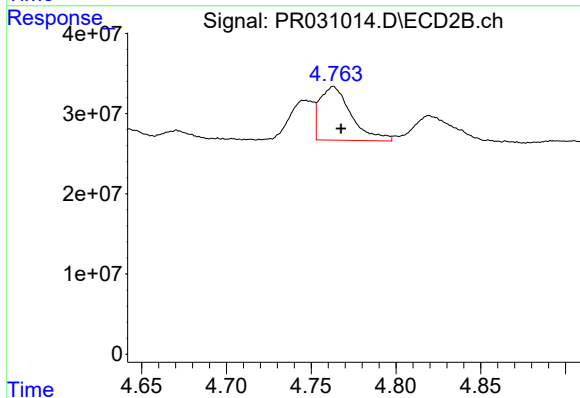
R.T.: 4.746 min
Delta R.T.: -0.005 min
Response: 48416026
Conc: 35.90 ng/ml



#5 AR-1016-3

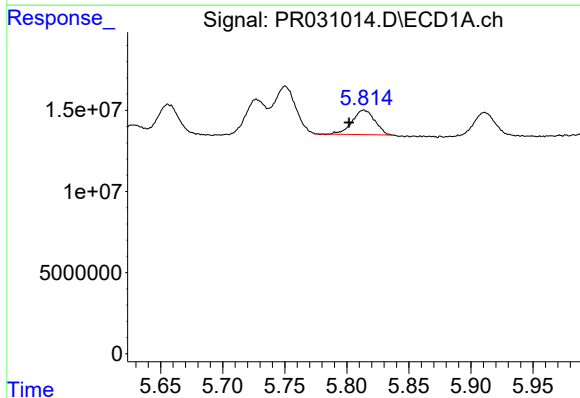
R.T.: 5.750 min
Delta R.T.: 0.011 min
Response: 36215586
Conc: 35.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



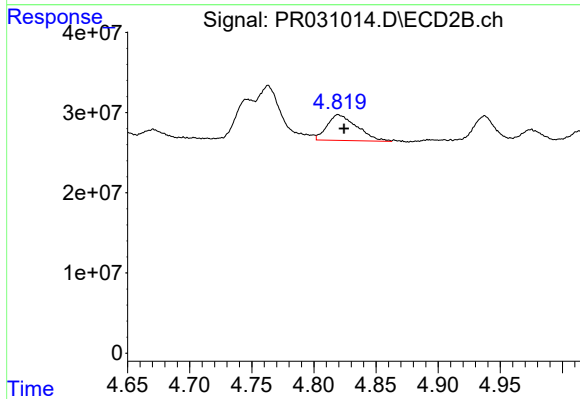
#5 AR-1016-3

R.T.: 4.763 min
Delta R.T.: -0.004 min
Response: 85891246
Conc: 34.82 ng/ml



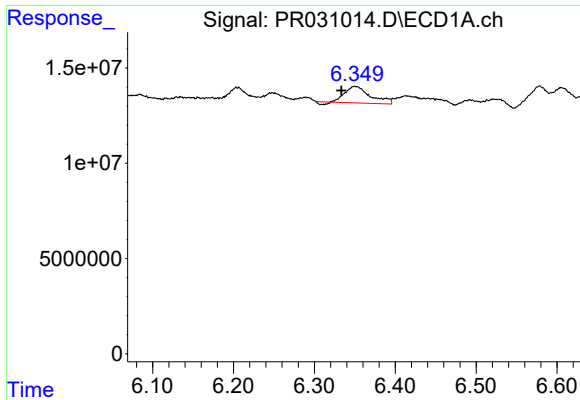
#6 AR-1016-4

R.T.: 5.814 min
Delta R.T.: 0.012 min
Response: 19011708
Conc: 31.54 ng/ml



#6 AR-1016-4

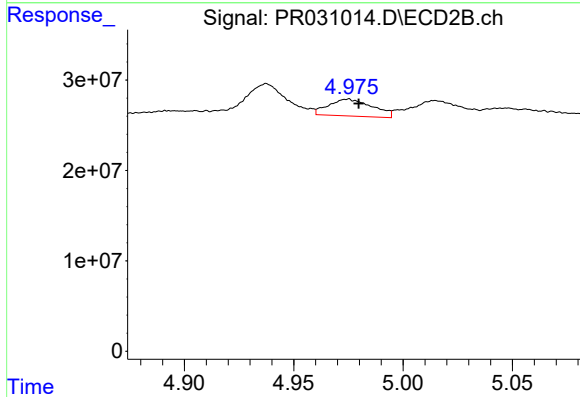
R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 53612067
Conc: 36.24 ng/ml



#7 AR-1016-5

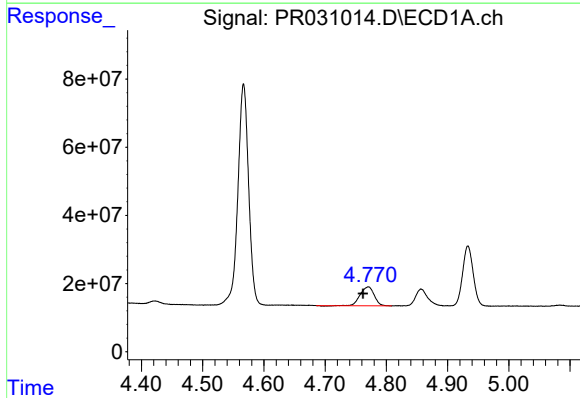
R.T.: 6.350 min
Delta R.T.: 0.017 min
Response: 18511180
Conc: 31.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



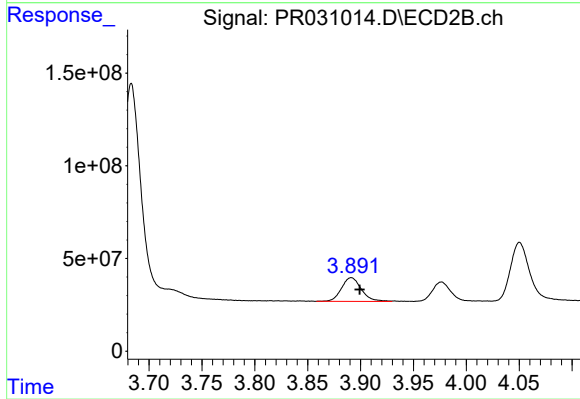
#7 AR-1016-5

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 25918983
Conc: 25.85 ng/ml



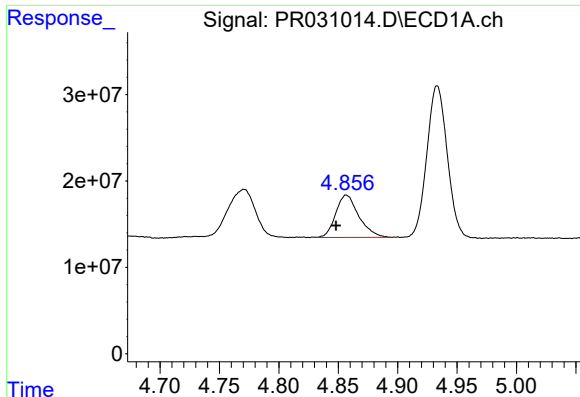
#8 AR-1221-1

R.T.: 4.771 min
Delta R.T.: 0.009 min
Response: 87938276
Conc: 484.90 ng/ml



#8 AR-1221-1

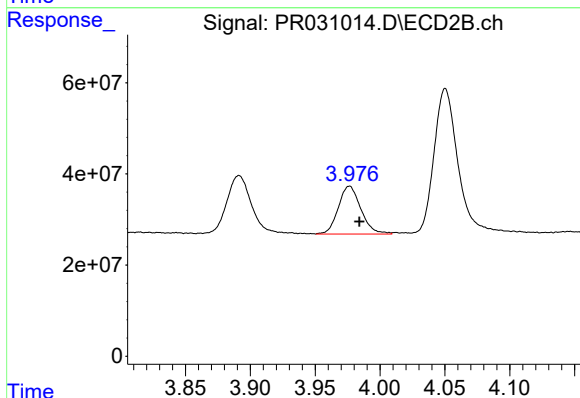
R.T.: 3.891 min
Delta R.T.: -0.008 min
Response: 167131135
Conc: 453.74 ng/ml



#9 AR-1221-2

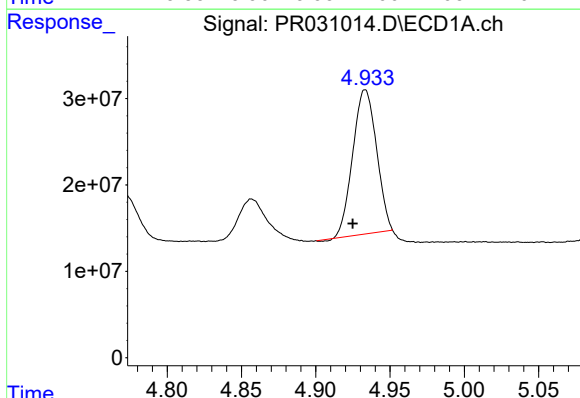
R.T.: 4.857 min
Delta R.T.: 0.009 min
Response: 66159483
Conc: 467.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



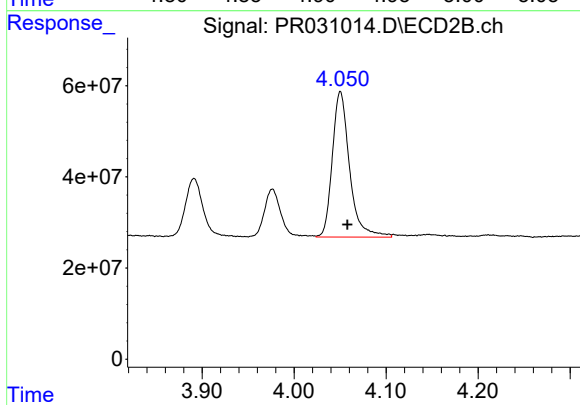
#9 AR-1221-2

R.T.: 3.977 min
Delta R.T.: -0.008 min
Response: 127051195
Conc: 453.64 ng/ml



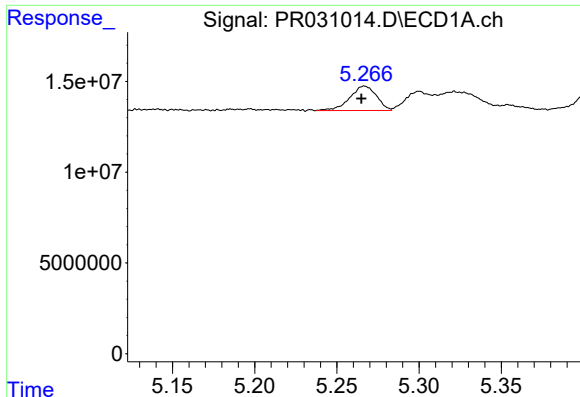
#10 AR-1221-3

R.T.: 4.933 min
Delta R.T.: 0.008 min
Response: 186220202
Conc: 434.16 ng/ml



#10 AR-1221-3

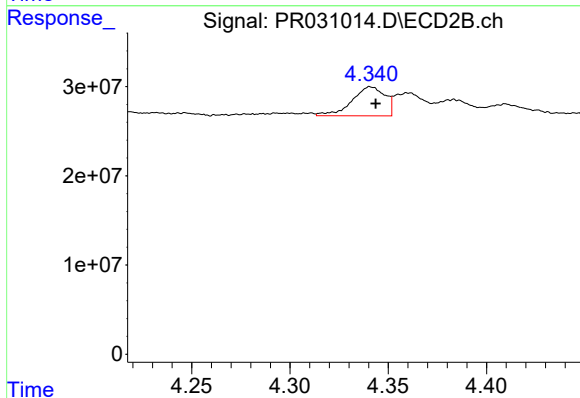
R.T.: 4.050 min
Delta R.T.: -0.008 min
Response: 415655983
Conc: 456.16 ng/ml



#11 AR-1232-1

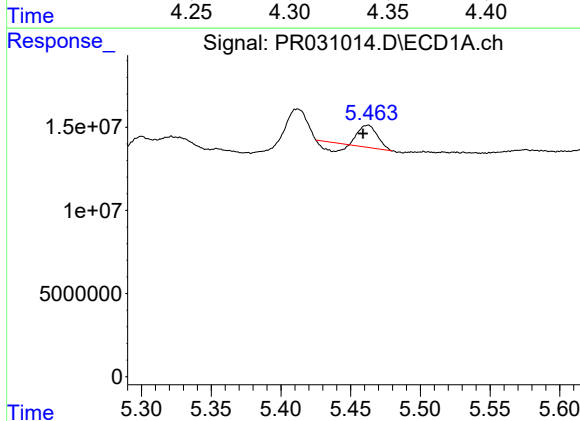
R.T.: 5.267 min
Delta R.T.: 0.002 min
Response: 15195935
Conc: 77.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



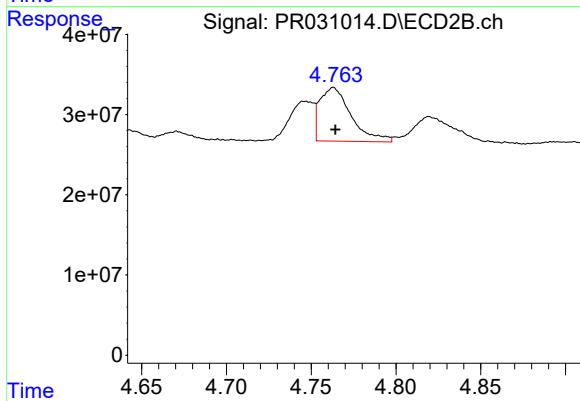
#11 AR-1232-1

R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 38101319
Conc: 94.46 ng/ml



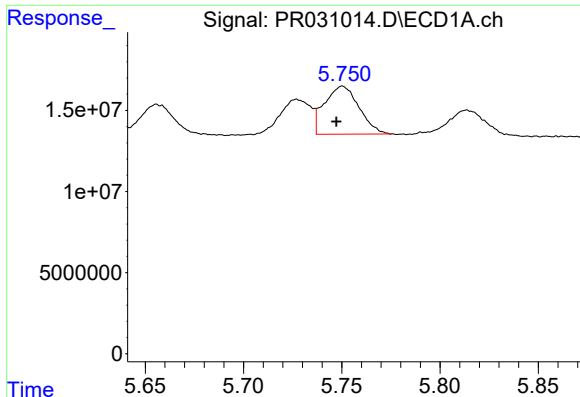
#12 AR-1232-2

R.T.: 5.462 min
Delta R.T.: 0.003 min
Response: 7357325
Conc: 38.81 ng/ml



#12 AR-1232-2

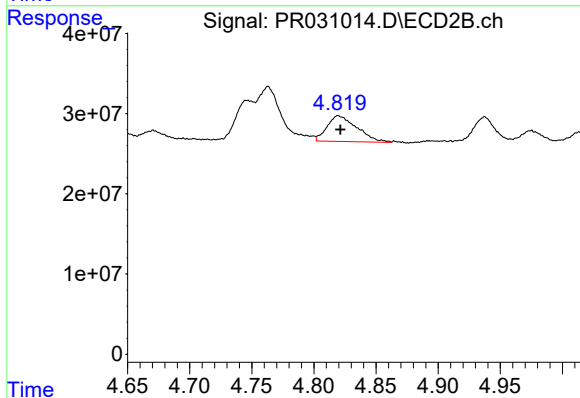
R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 85891246
Conc: 76.94 ng/ml



#13 AR-1232-3

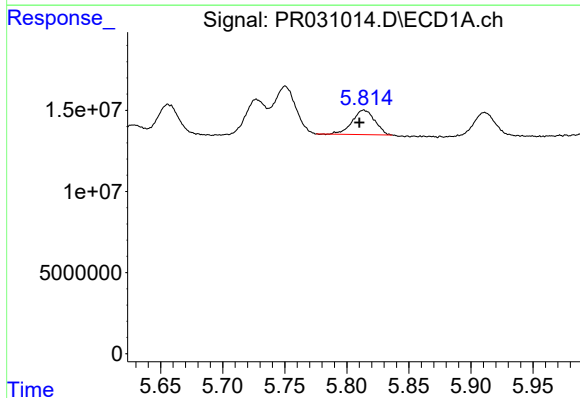
R.T.: 5.750 min
Delta R.T.: 0.003 min
Response: 36215586
Conc: 71.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



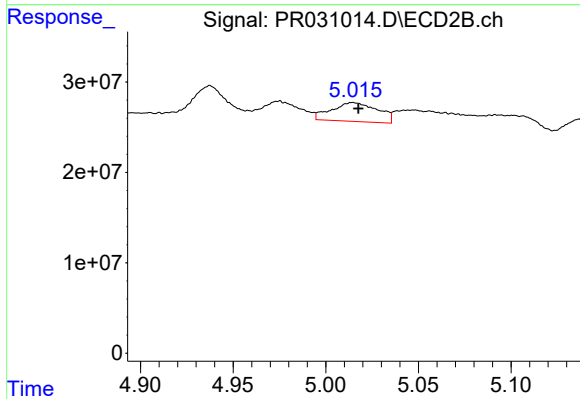
#13 AR-1232-3

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 53612067
Conc: 79.65 ng/ml



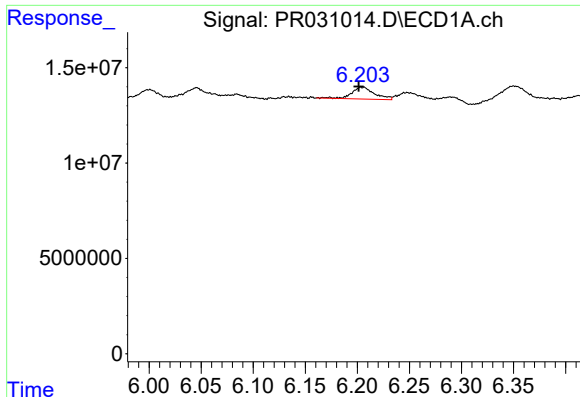
#14 AR-1232-4

R.T.: 5.814 min
Delta R.T.: 0.004 min
Response: 19011708
Conc: 69.47 ng/ml



#14 AR-1232-4

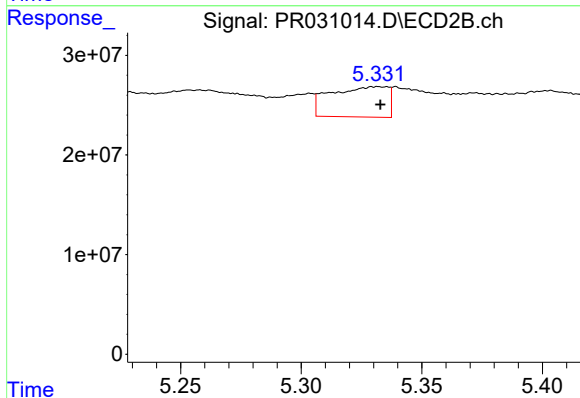
R.T.: 5.015 min
Delta R.T.: -0.003 min
Response: 36097383
Conc: 71.24 ng/ml



#15 AR-1232-5

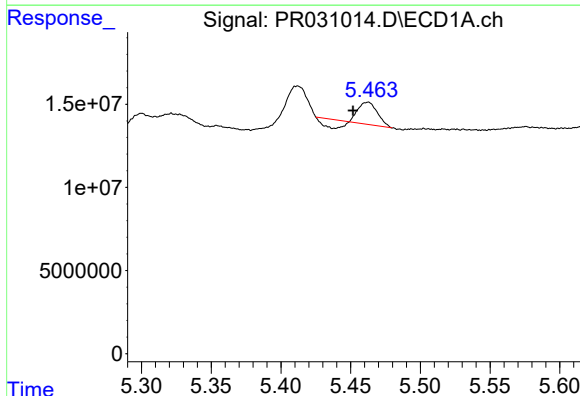
R.T.: 6.205 min
Delta R.T.: 0.003 min
Response: 9371470
Conc: 40.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



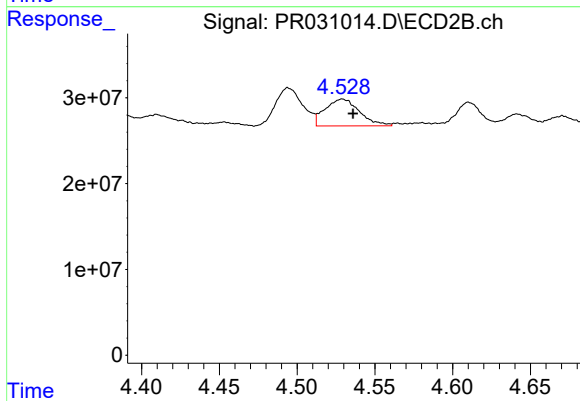
#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 50542745
Conc: 81.99 ng/ml



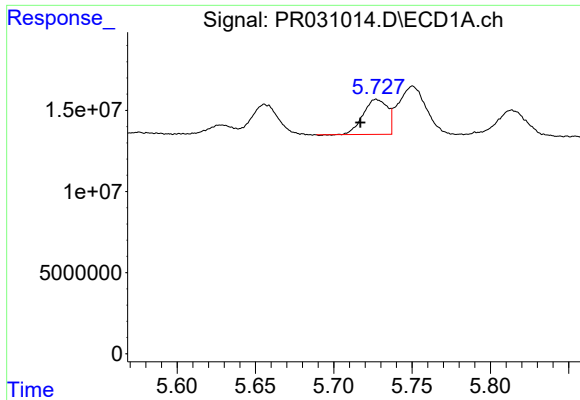
#16 AR-1242-1

R.T.: 5.462 min
Delta R.T.: 0.010 min
Response: 7357325
Conc: 20.75 ng/ml



#16 AR-1242-1

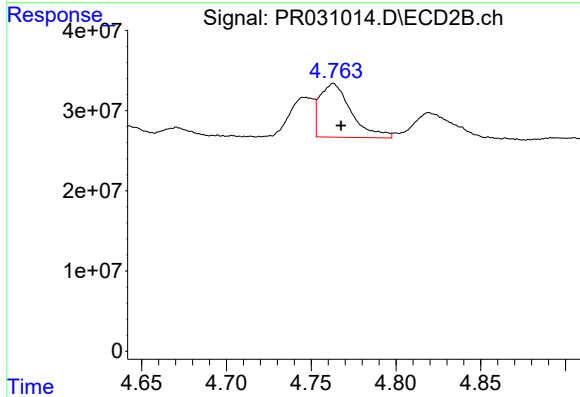
R.T.: 4.529 min
Delta R.T.: -0.007 min
Response: 48316624
Conc: 56.04 ng/ml



#17 AR-1242-2

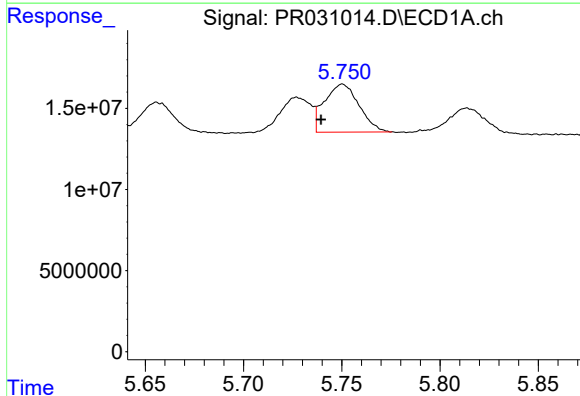
R.T.: 5.727 min
Delta R.T.: 0.010 min
Response: 23360633
Conc: 39.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



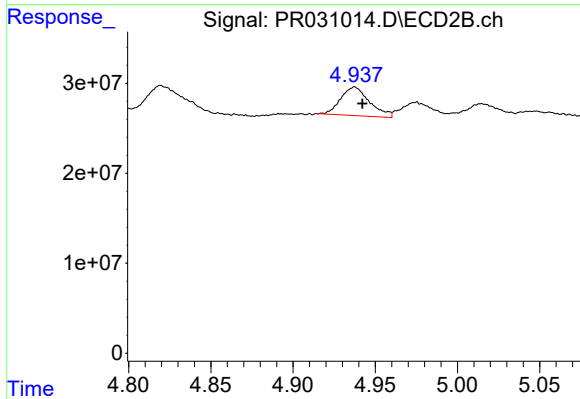
#17 AR-1242-2

R.T.: 4.763 min
Delta R.T.: -0.004 min
Response: 85891246
Conc: 42.39 ng/ml



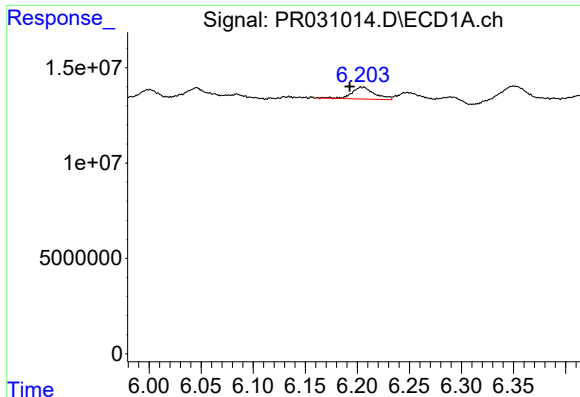
#18 AR-1242-3

R.T.: 5.750 min
Delta R.T.: 0.011 min
Response: 36215586
Conc: 43.83 ng/ml



#18 AR-1242-3

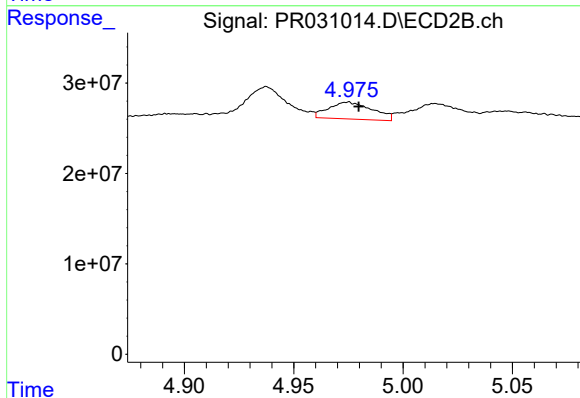
R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 39058465
Conc: 40.58 ng/ml



#19 AR-1242-4

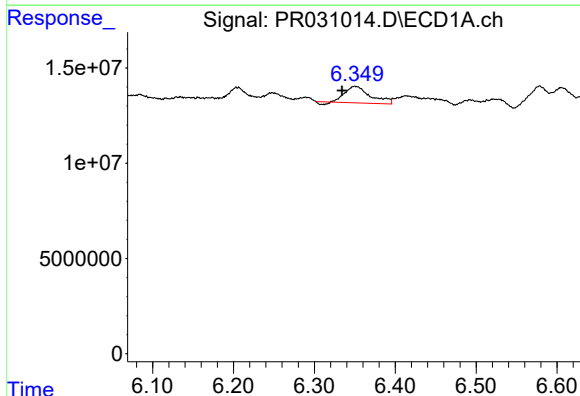
R.T.: 6.205 min
Delta R.T.: 0.012 min
Response: 9371470
Conc: 20.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



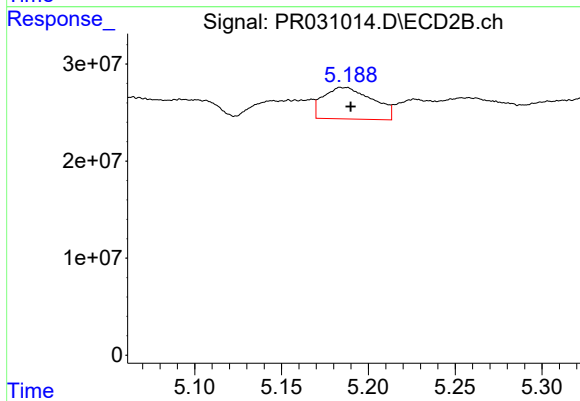
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 25918983
Conc: 31.67 ng/ml



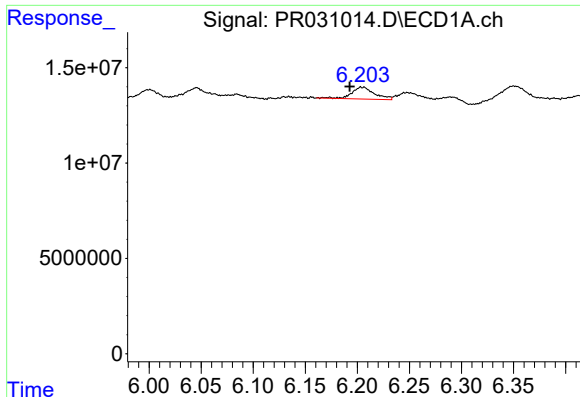
#20 AR-1242-5

R.T.: 6.350 min
Delta R.T.: 0.016 min
Response: 18511180
Conc: 35.18 ng/ml



#20 AR-1242-5

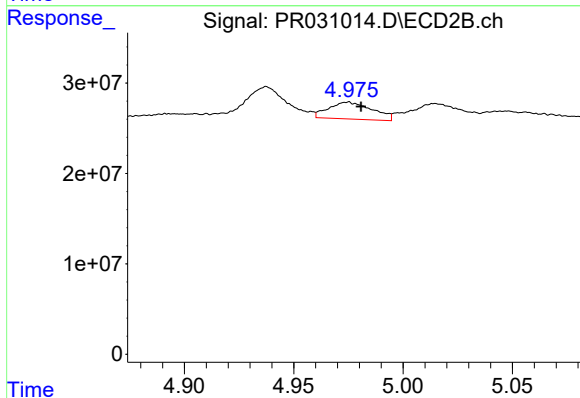
R.T.: 5.184 min
Delta R.T.: -0.006 min
Response: 64059512
Conc: 53.84 ng/ml



#21 AR-1248-1

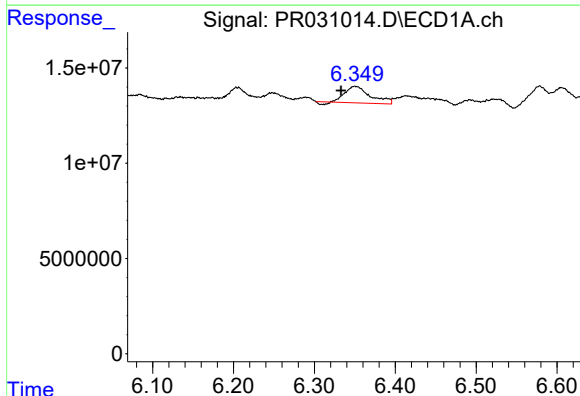
R.T.: 6.205 min
Delta R.T.: 0.012 min
Response: 9371470
Conc: 12.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



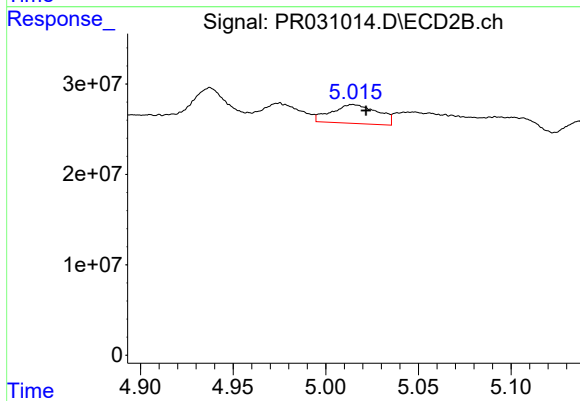
#21 AR-1248-1

R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 25918983
Conc: 19.14 ng/ml



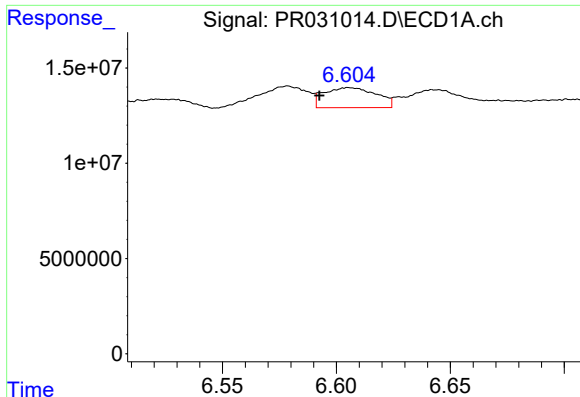
#22 AR-1248-2

R.T.: 6.350 min
Delta R.T.: 0.017 min
Response: 18511180
Conc: 29.43 ng/ml



#22 AR-1248-2

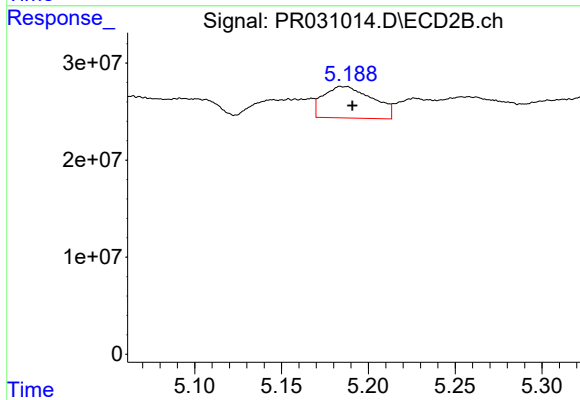
R.T.: 5.015 min
Delta R.T.: -0.007 min
Response: 36097383
Conc: 25.62 ng/ml



#23 AR-1248-3

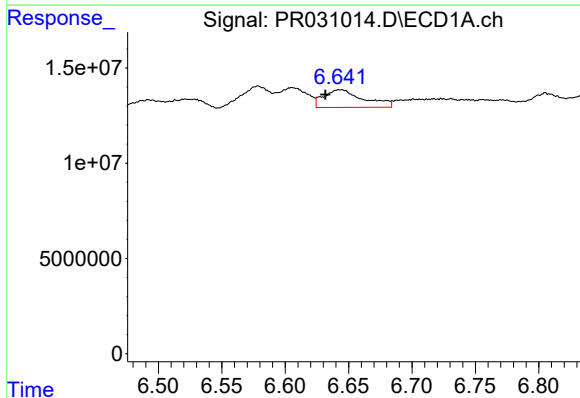
R.T.: 6.606 min
Delta R.T.: 0.013 min
Response: 16794822
Conc: 17.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



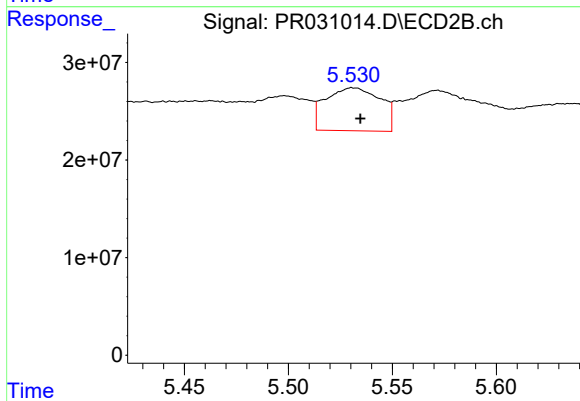
#23 AR-1248-3

R.T.: 5.184 min
Delta R.T.: -0.007 min
Response: 64059512
Conc: 35.57 ng/ml



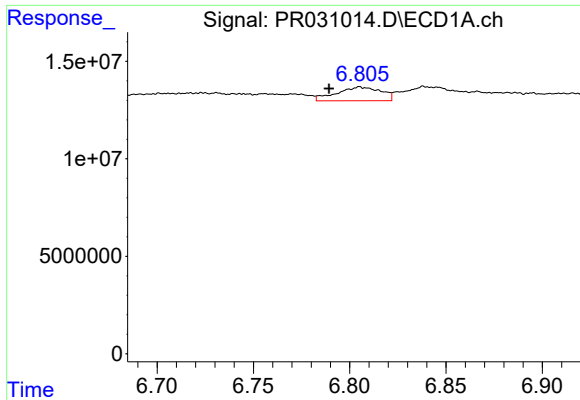
#24 AR-1248-4

R.T.: 6.643 min
Delta R.T.: 0.012 min
Response: 20253418
Conc: 22.15 ng/ml



#24 AR-1248-4

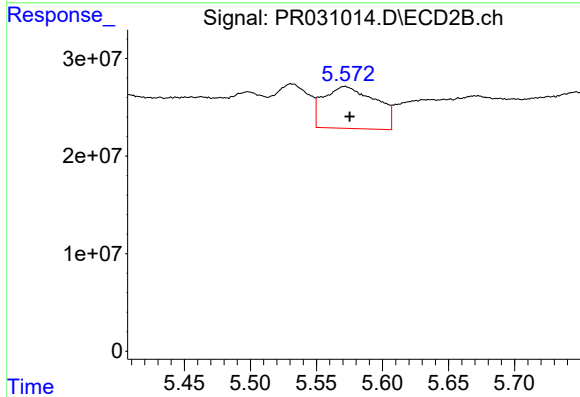
R.T.: 5.531 min
Delta R.T.: -0.004 min
Response: 80859403
Conc: 28.57 ng/ml



#25 AR-1248-5

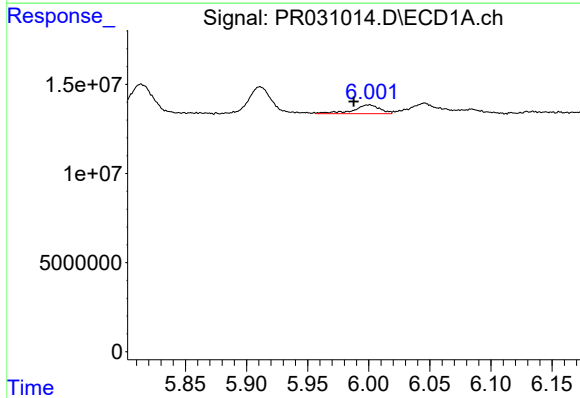
R.T.: 6.805 min
Delta R.T.: 0.016 min
Response: 11404288
Conc: 11.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



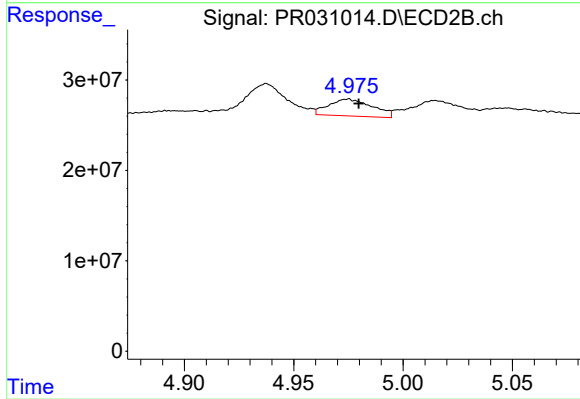
#25 AR-1248-5

R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 118066884
Conc: 58.28 ng/ml



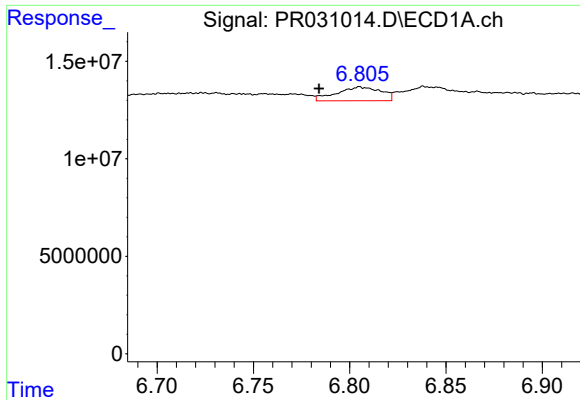
#26 AR-1254-1

R.T.: 6.000 min
Delta R.T.: 0.012 min
Response: 7556189
Conc: 13.50 ng/ml



#26 AR-1254-1

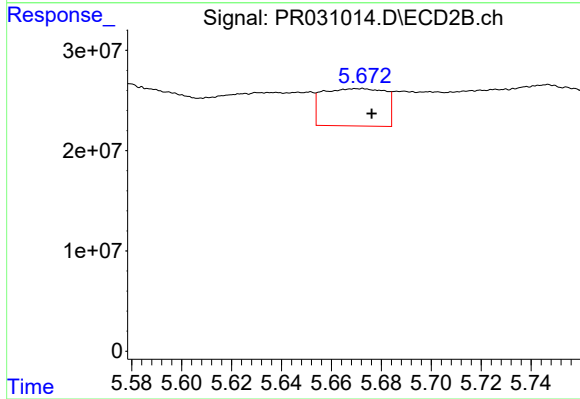
R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 25918983
Conc: 20.20 ng/ml



#27 AR-1254-2

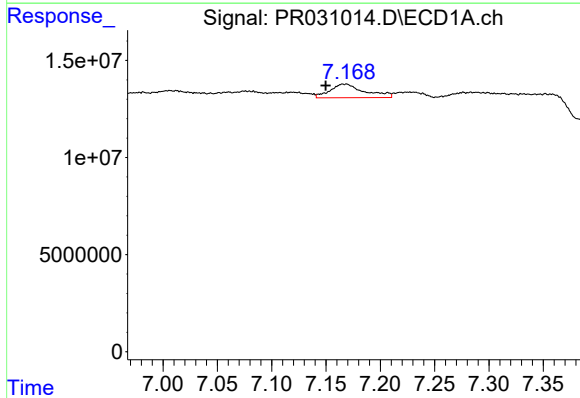
R.T.: 6.805 min
Delta R.T.: 0.021 min
Response: 11404288
Conc: 5.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



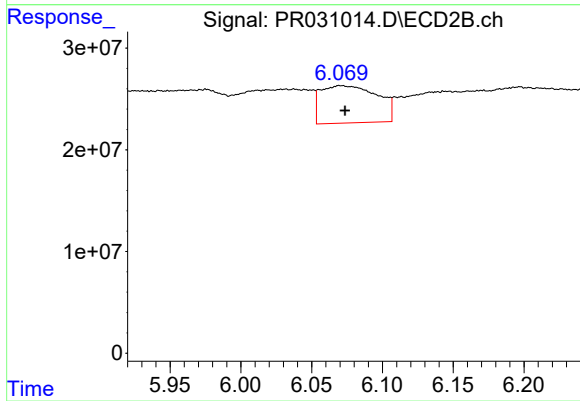
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.003 min
Response: 64741567
Conc: 18.78 ng/ml



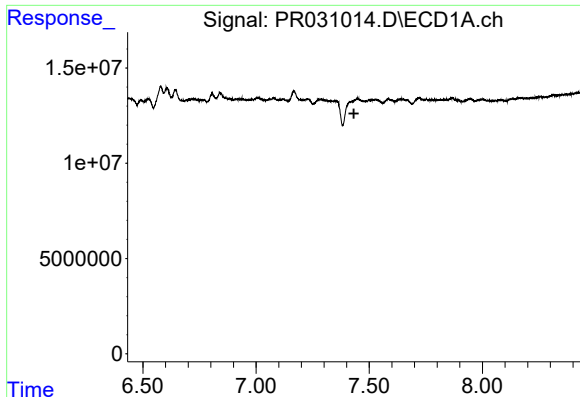
#28 AR-1254-3

R.T.: 7.168 min
Delta R.T.: 0.018 min
Response: 15738245
Conc: 7.41 ng/ml



#28 AR-1254-3

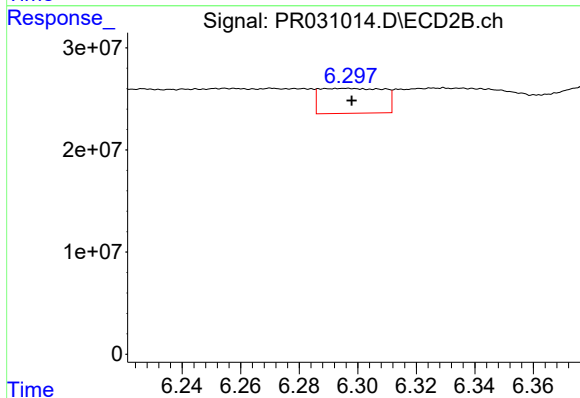
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 102423074
Conc: 18.12 ng/ml



#29 AR-1254-4

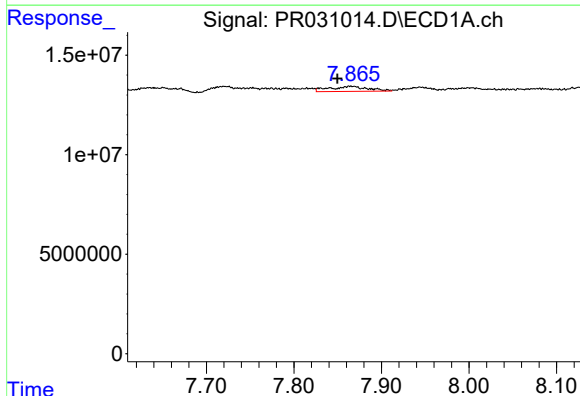
R.T.: 7.446 min
Delta R.T.: 0.014 min
Response: -12648874
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



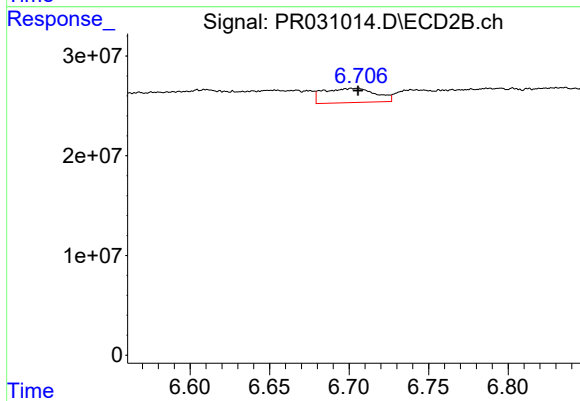
#29 AR-1254-4

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 36943613
Conc: 8.43 ng/ml



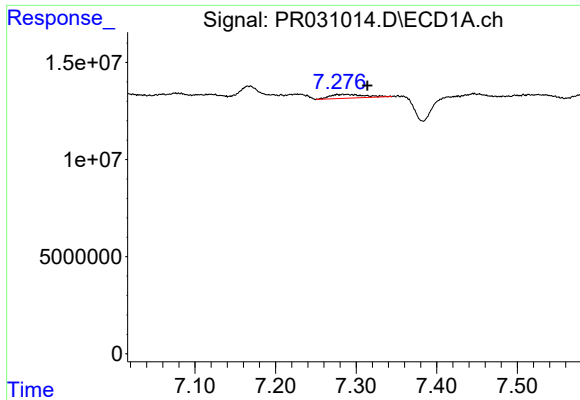
#30 AR-1254-5

R.T.: 7.864 min
Delta R.T.: 0.015 min
Response: 7808243
Conc: 3.93 ng/ml



#30 AR-1254-5

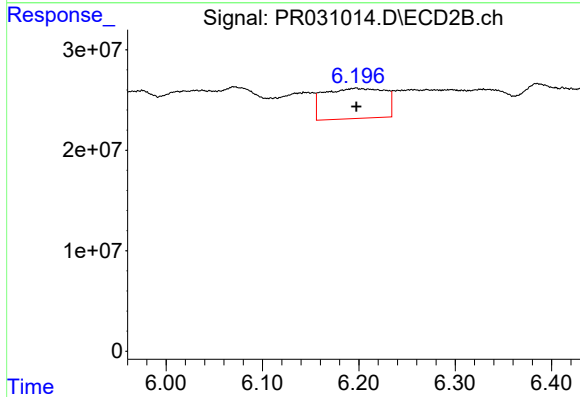
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 32618218
Conc: 7.77 ng/ml



#31 AR-1260-1

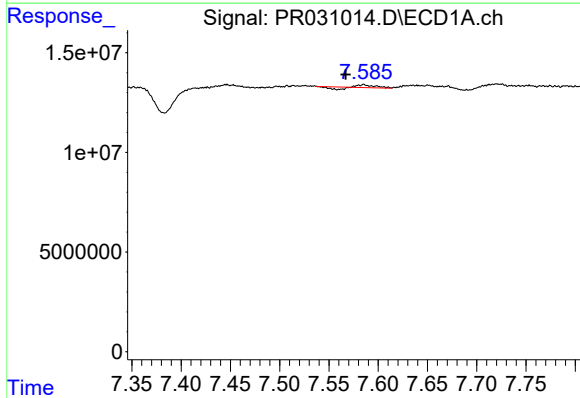
R.T.: 7.284 min
Delta R.T.: -0.030 min
Response: 5772508
Conc: 4.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



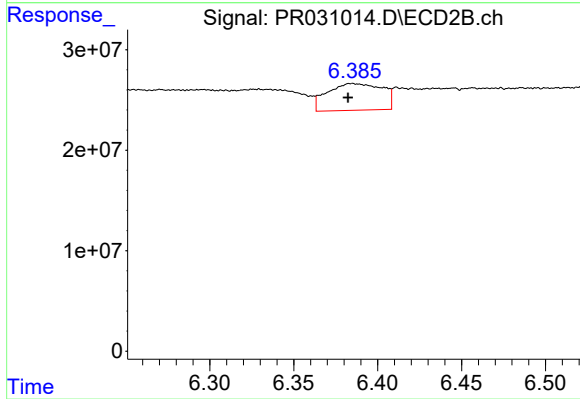
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 132034893
Conc: 41.54 ng/ml



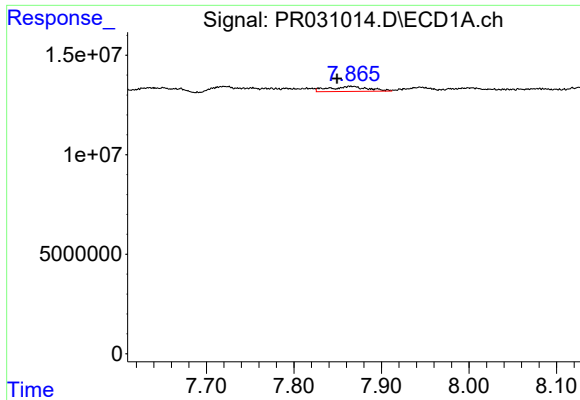
#32 AR-1260-2

R.T.: 7.585 min
Delta R.T.: 0.018 min
Response: 731469
Conc: 0.38 ng/ml



#32 AR-1260-2

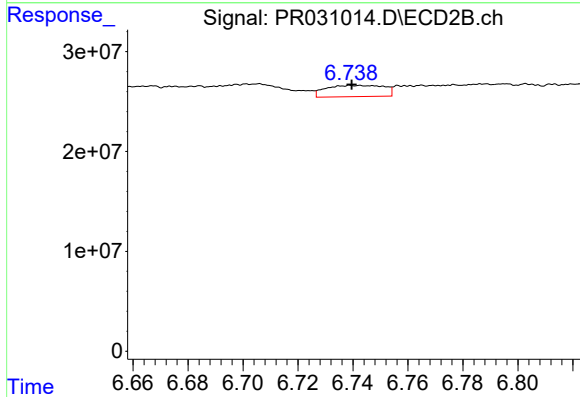
R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 60567797
Conc: 15.32 ng/ml



#33 AR-1260-3

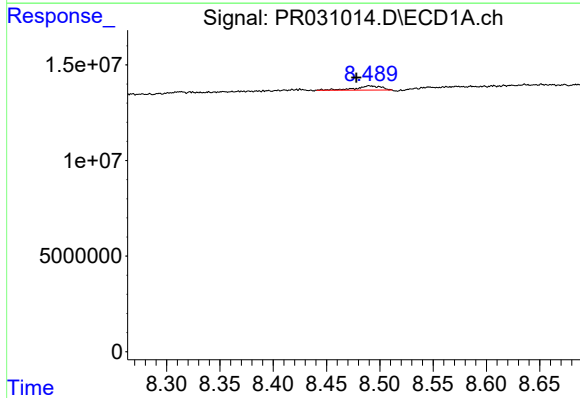
R.T.: 7.864 min
Delta R.T.: 0.015 min
Response: 7808243
Conc: 3.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



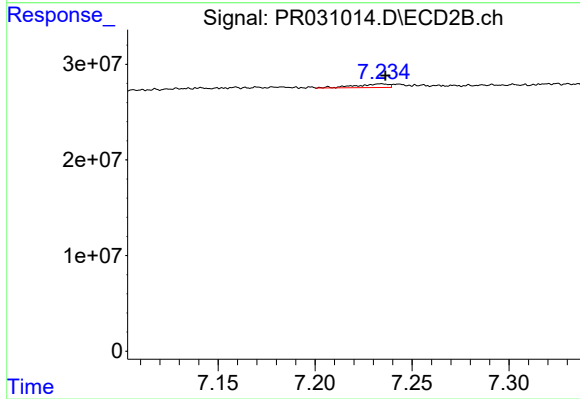
#33 AR-1260-3

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 16385772
Conc: 5.79 ng/ml



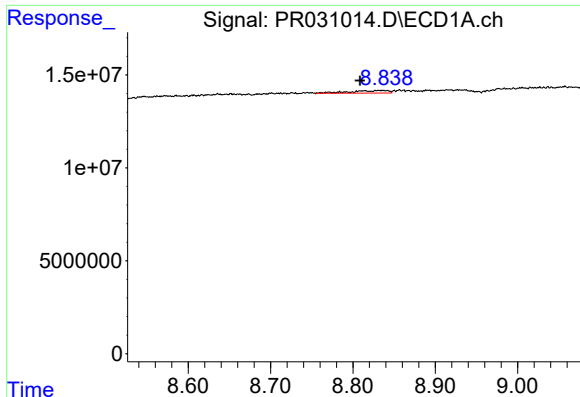
#34 AR-1260-4

R.T.: 8.491 min
Delta R.T.: 0.013 min
Response: 3756715
Conc: 1.00 ng/ml



#34 AR-1260-4

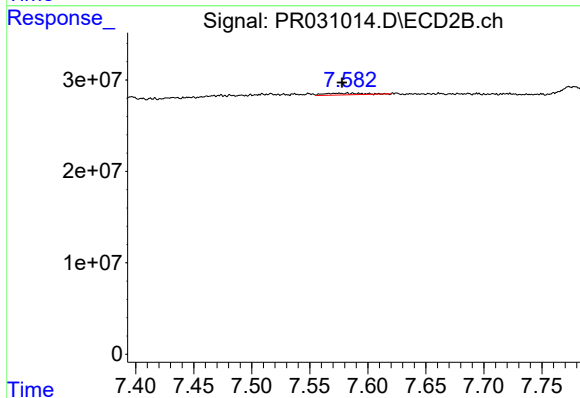
R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 4290453
Conc: 1.17 ng/ml



#35 AR-1260-5

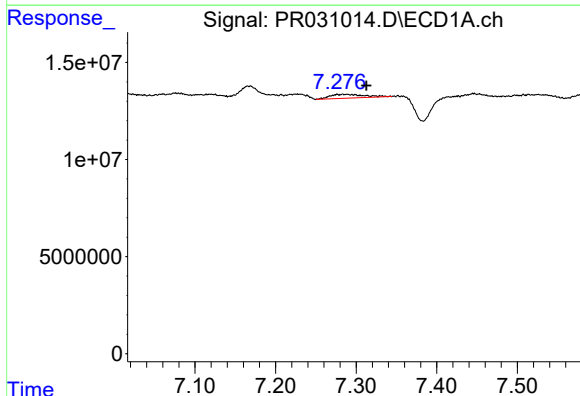
R.T.: 8.835 min
Delta R.T.: 0.026 min
Response: 4208445
Conc: 1.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



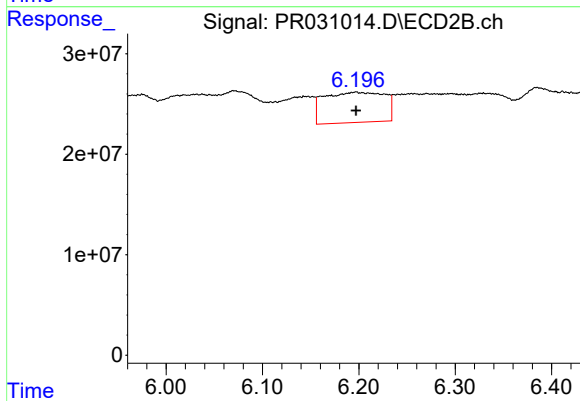
#35 AR-1260-5

R.T.: 7.582 min
Delta R.T.: 0.004 min
Response: 4574626
Conc: 2.16 ng/ml



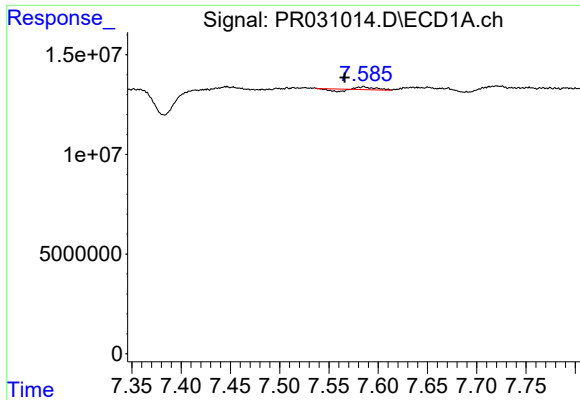
#36 AR-1262-1

R.T.: 7.284 min
Delta R.T.: -0.029 min
Response: 5772508
Conc: 4.68 ng/ml



#36 AR-1262-1

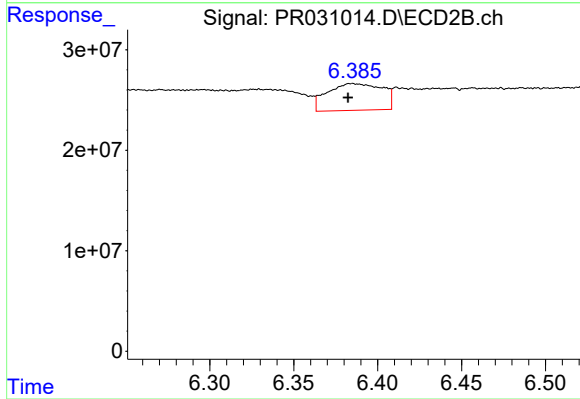
R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 132034893
Conc: 46.26 ng/ml



#37 AR-1262-2

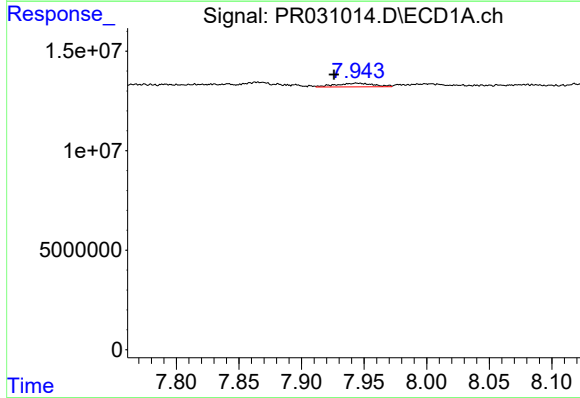
R.T.: 7.585 min
Delta R.T.: 0.019 min
Response: 731469
Conc: 0.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



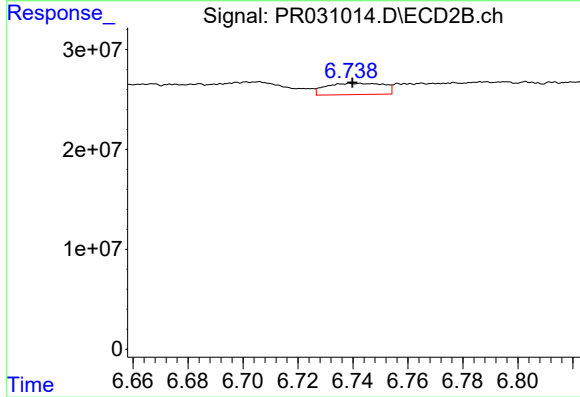
#37 AR-1262-2

R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 60567797
Conc: 17.49 ng/ml



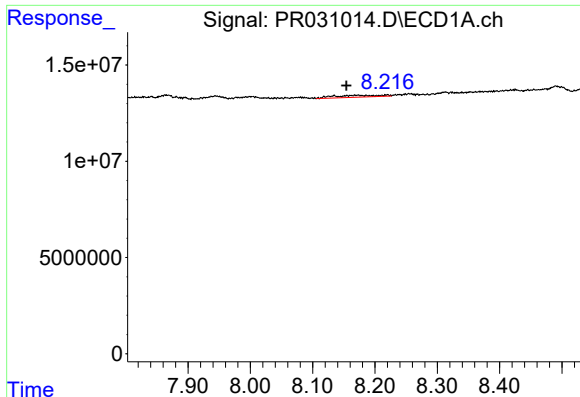
#38 AR-1262-3

R.T.: 7.944 min
Delta R.T.: 0.018 min
Response: 3893799
Conc: 1.48 ng/ml



#38 AR-1262-3

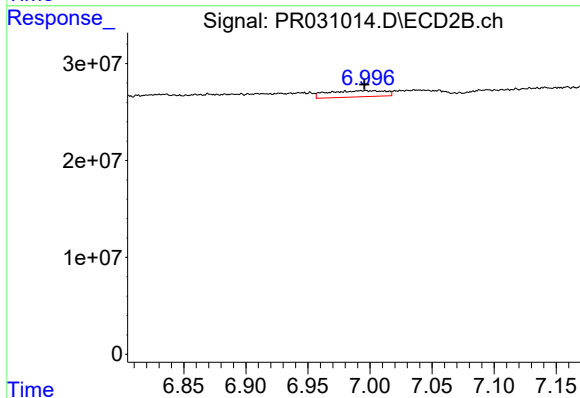
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 16385772
Conc: 3.91 ng/ml



#39 AR-1262-4

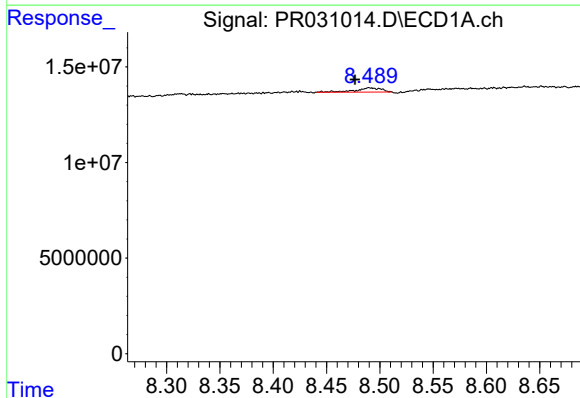
R.T.: 8.220 min
Delta R.T.: 0.066 min
Response: 5085254
Conc: 2.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



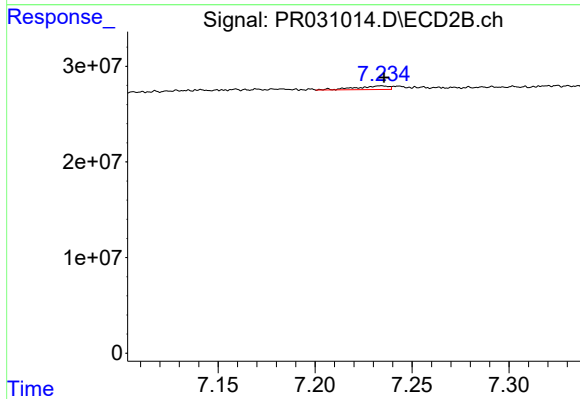
#39 AR-1262-4

R.T.: 6.997 min
Delta R.T.: 0.001 min
Response: 20207275
Conc: 7.42 ng/ml



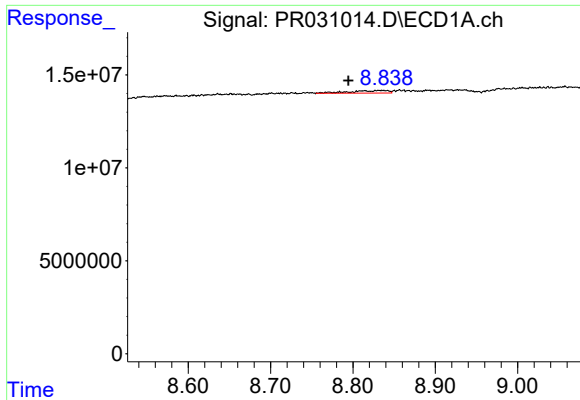
#40 AR-1262-5

R.T.: 8.491 min
Delta R.T.: 0.014 min
Response: 3756715
Conc: 0.77 ng/ml



#40 AR-1262-5

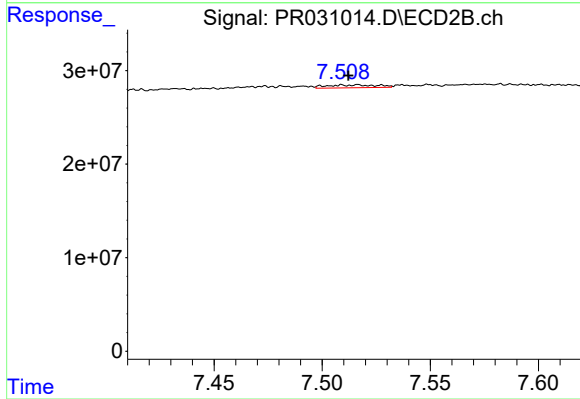
R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 4290453
Conc: 0.94 ng/ml



#41 AR-1268-1

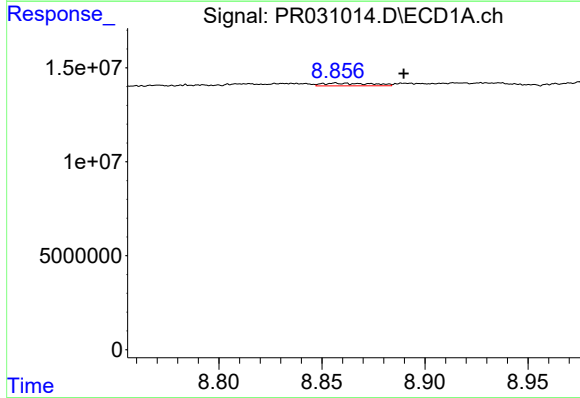
R.T.: 8.835 min
Delta R.T.: 0.040 min
Response: 4208445
Conc: 0.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



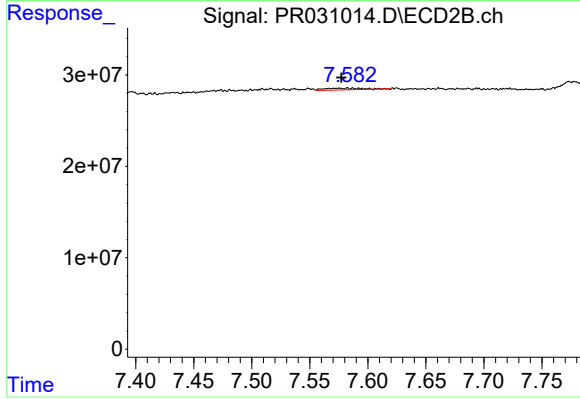
#41 AR-1268-1

R.T.: 7.517 min
Delta R.T.: 0.004 min
Response: 4942766
Conc: 1.26 ng/ml



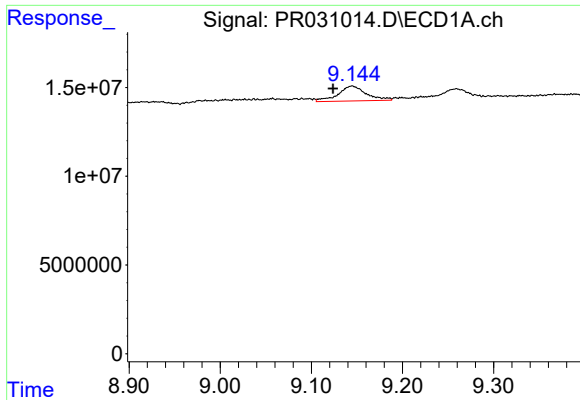
#42 AR-1268-2

R.T.: 8.857 min
Delta R.T.: -0.032 min
Response: 2444537
Conc: 0.51 ng/ml



#42 AR-1268-2

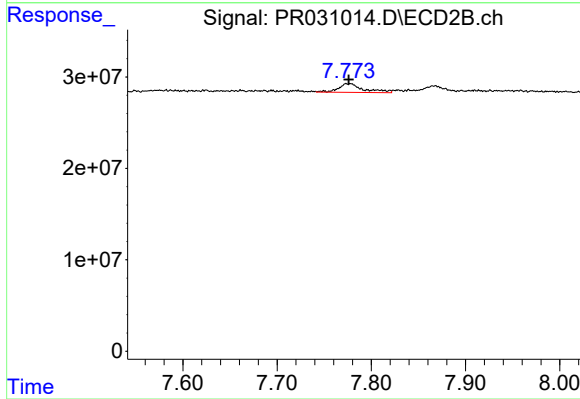
R.T.: 7.582 min
Delta R.T.: 0.005 min
Response: 4574626
Conc: 1.37 ng/ml



#43 AR-1268-3

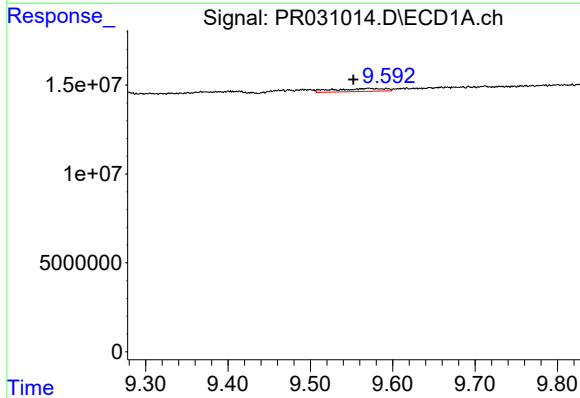
R.T.: 9.145 min
Delta R.T.: 0.021 min
Response: 18283075
Conc: 4.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



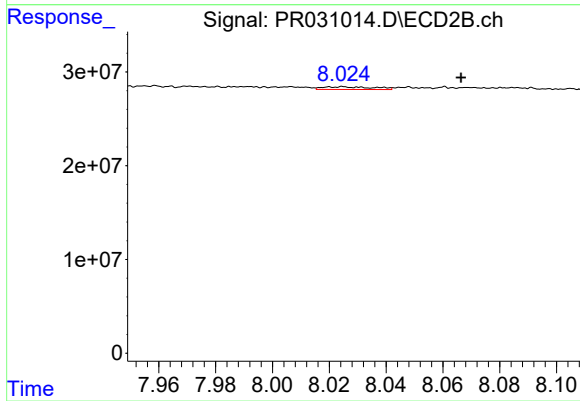
#43 AR-1268-3

R.T.: 7.774 min
Delta R.T.: -0.002 min
Response: 17676834
Conc: 6.59 ng/ml



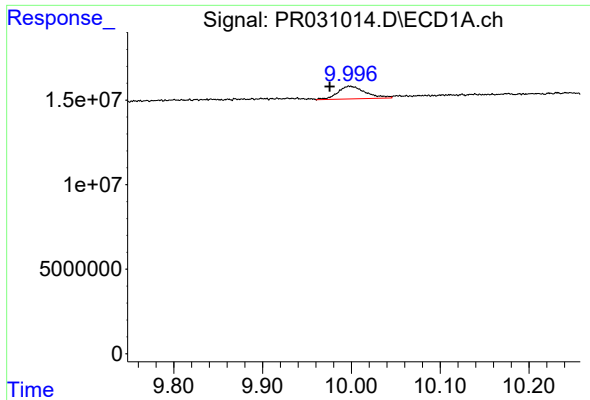
#44 AR-1268-4

R.T.: 9.571 min
Delta R.T.: 0.019 min
Response: 7163403
Conc: 3.72 ng/ml



#44 AR-1268-4

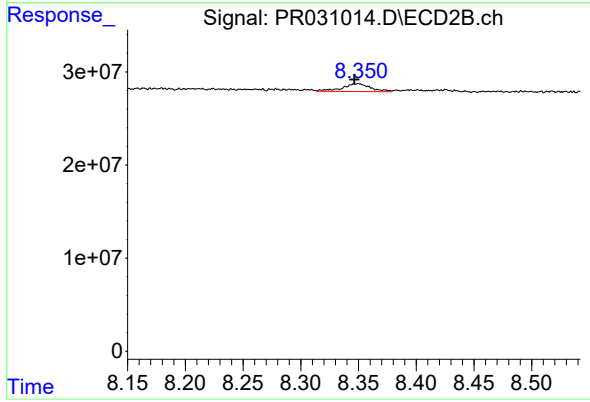
R.T.: 8.025 min
Delta R.T.: -0.041 min
Response: 3633103
Conc: 3.13 ng/ml



#45 AR-1268-5

R.T.: 9.998 min
Delta R.T.: 0.023 min
Response: 16107650
Conc: 1.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.003 min
Response: 14683151
Conc: 2.10 ng/ml