

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091018\
 Data File : PR031909.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2018 10:58
 Operator : SM\SJ
 Sample : J4801-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:23:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 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...	4.524	3.657	394.7E6	723.0E6	20.135	19.610
2)	SA Decachlor...	10.270	8.515	413.1E6	345.3E6	12.844	13.190
Target Compounds							
3)	L1 AR-1016-1	5.166	4.291	1749417	3657410	3.253	3.342
4)	L1 AR-1016-2	5.420	4.700	1827884	8693839	3.232	5.098 #
5)	L1 AR-1016-3	5.702	4.727	6586089	25002101	7.461	8.623
6)	L1 AR-1016-4	5.754	4.761	6502773	47835445	8.302	25.747 #
7)	L1 AR-1016-5	6.118	5.141	680668	70024030	1.016	40.567 #
8)	L2 AR-1221-1	4.711	3.863	4573352	609466	19.617	1.493 #
9)	L2 AR-1221-2	4.828	3.950	5048446	9624399	28.418	30.839
10)	L2 AR-1221-3	4.828	4.013	5048446	12959699	9.098	12.556 #
11)	L3 AR-1232-1	5.702	4.488	6586089	20031418	12.551	35.902 #
12)	L3 AR-1232-2	5.862	4.604	14485703	19930535	53.732	105.574 #
13)	L3 AR-1232-3	6.035	4.974	87108627	9566613	1109.145	16.473 #
14)	L3 AR-1232-4	6.372	5.268	737620	108.6E6	8.981	148.771 #
15)	L3 AR-1232-5	7.234	5.848	96764338	87666007	1778.758	790.808 #
16)	L4 AR-1242-1	5.308	4.333	9434841	13038685	35.452	22.247 #
17)	L4 AR-1242-2	6.035	4.921	87108627	26133855	177.507	21.500 #
18)	L4 AR-1242-3	6.203	5.000	942136	9689447	3.816	22.426 #
19)	L4 AR-1242-4	6.203	5.360	942136	72267408	5.254	175.057 #
20)	L4 AR-1242-5	6.352	5.736	5857731	9109975	9.293	9.730
21)	L5 AR-1248-1	5.890	4.934	1295232	20262387	1.612	11.547 #
22)	L5 AR-1248-2	6.532	5.473	281.5E6	24572962	332.484	6.707 #
23)	L5 AR-1248-3	6.532	5.536	281.5E6	104.9E6	246.648	40.084 #
24)	L5 AR-1248-4	6.532	5.703	281.5E6	61605465	261.252	23.069 #
25)	L5 AR-1248-5	6.801	6.040	2413498	59807929	3.332	35.466 #
26)	L6 AR-1254-1	6.788	5.623	5653637	67271409	2.911	17.694 #
27)	L6 AR-1254-2	7.008	5.915	11863719	32060638	9.731	10.857
28)	L6 AR-1254-3	7.120	6.247	157.5E6	26115631	71.884	5.837 #
29)	L6 AR-1254-4	7.393	6.552	75147595	-2579648	43.131	N.D. #
30)	L6 AR-1254-5	7.676	6.642	40304656	30430252	31.021	7.993 #
31)	L7 AR-1260-1	7.277	6.141	121.0E6	19545336	77.626	5.298 #
32)	L7 AR-1260-2	7.491	6.335	32587435	244.4E6	16.365	54.549 #
33)	L7 AR-1260-3	7.821	6.475	24663625	139045	10.592	0.039 #
34)	L7 AR-1260-4	8.110	6.950	26519473	13849212	15.903	6.736 #
35)	L7 AR-1260-5	8.499	7.174	7178338	28816042	1.914	6.601 #
36)	L8 AR-1262-1	7.120	6.040	157.5E6	59807929	186.072	29.892 #
37)	L8 AR-1262-2	7.972	6.737	99631873	6560797	116.996	4.362 #
38)	L8 AR-1262-3	8.167	7.028	31476007	11015600	41.797	9.023 #
39)	L8 AR-1262-4	8.831	7.460	6920419	12377069	3.256	7.390 #
40)	L8 AR-1262-5	9.577	8.059	16167177	12181124	10.583	9.624
41)	L9 AR-1268-1	7.893	6.681	54585034	17764945	59.835	10.885 #

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 Acq On : 10 Sep 2018 10:58
 Operator : SM\SJ
 Sample : J4801-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

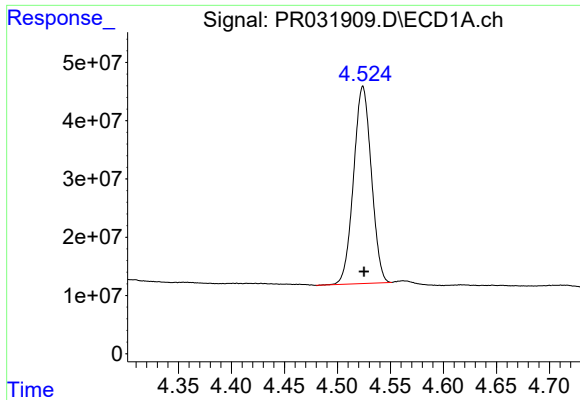
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:23:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 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
42) L9	AR-1268-2	8.167	7.518	31476007	6261055	25.040	1.559 #
43) L9	AR-1268-3	8.697	7.735	3405257	8703669	0.614	2.526 #
44) L9	AR-1268-4	9.044	7.815	1089171	1677302	0.247	1.693 #
45) L9	AR-1268-5	9.939	8.277	11458599	8091028	0.941	0.848

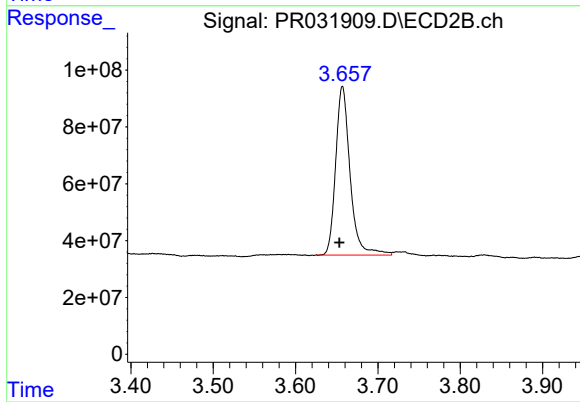
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

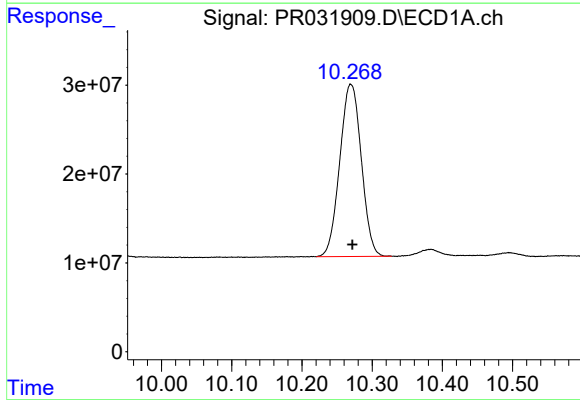
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 394749317
Conc: 20.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



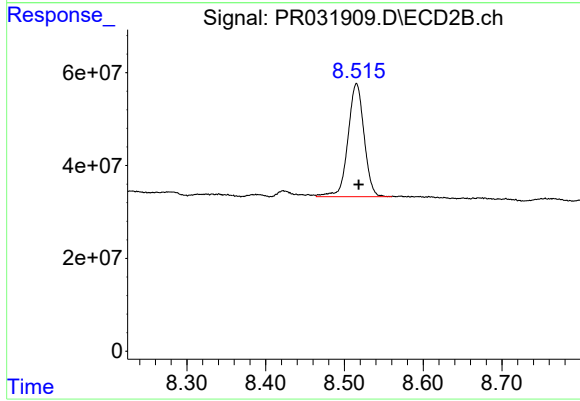
#1 Tetrachloro-m-xylene

R.T.: 3.657 min
Delta R.T.: 0.004 min
Response: 723017794
Conc: 19.61 ng/ml



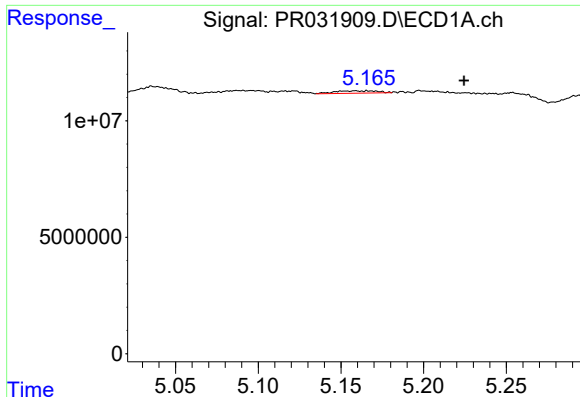
#2 Decachlorobiphenyl

R.T.: 10.270 min
Delta R.T.: -0.002 min
Response: 413129394
Conc: 12.84 ng/ml



#2 Decachlorobiphenyl

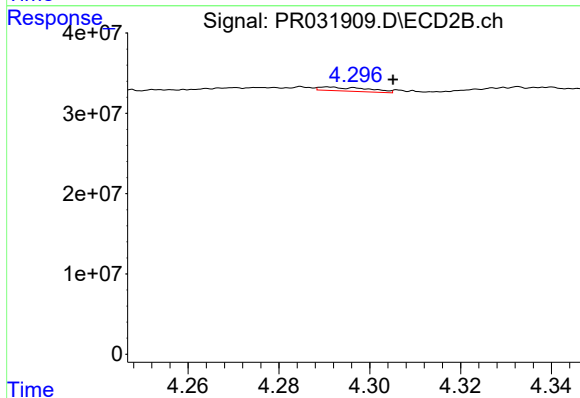
R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 345316425
Conc: 13.19 ng/ml



#3 AR-1016-1

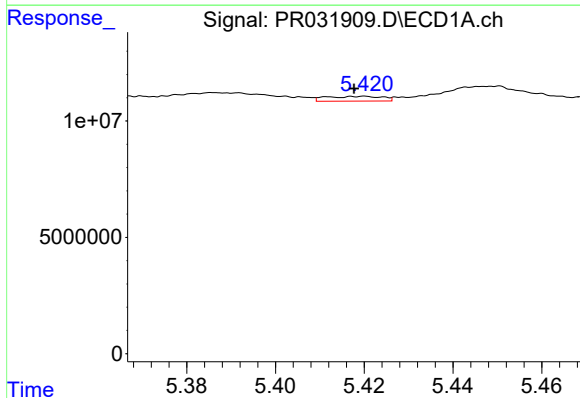
R.T.: 5.166 min
Delta R.T.: -0.058 min
Response: 1749417
Conc: 3.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



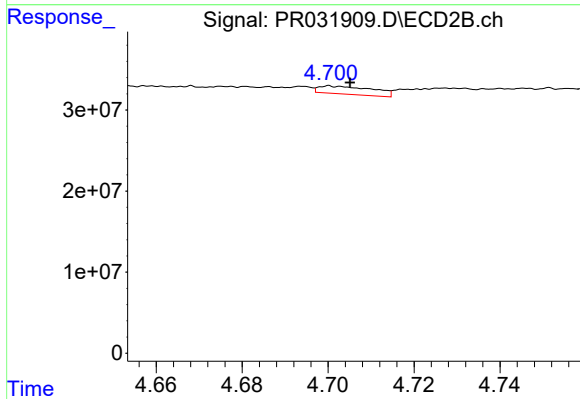
#3 AR-1016-1

R.T.: 4.291 min
Delta R.T.: -0.014 min
Response: 3657410
Conc: 3.34 ng/ml



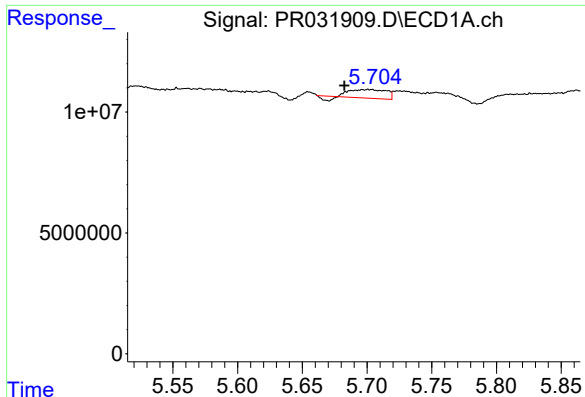
#4 AR-1016-2

R.T.: 5.420 min
Delta R.T.: 0.002 min
Response: 1827884
Conc: 3.23 ng/ml



#4 AR-1016-2

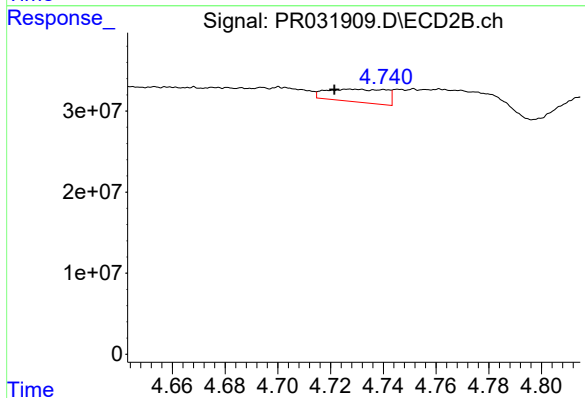
R.T.: 4.700 min
Delta R.T.: -0.005 min
Response: 8693839
Conc: 5.10 ng/ml



#5 AR-1016-3

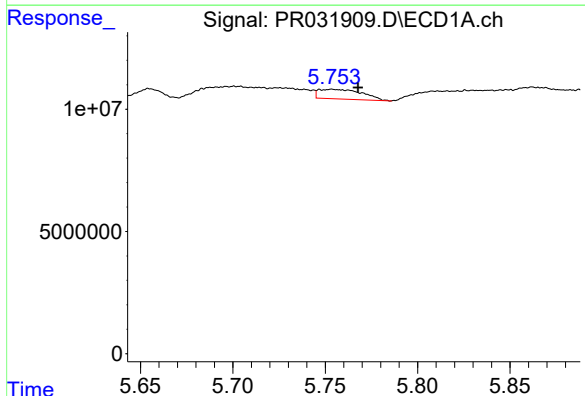
R.T.: 5.702 min
Delta R.T.: 0.020 min
Response: 6586089
Conc: 7.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



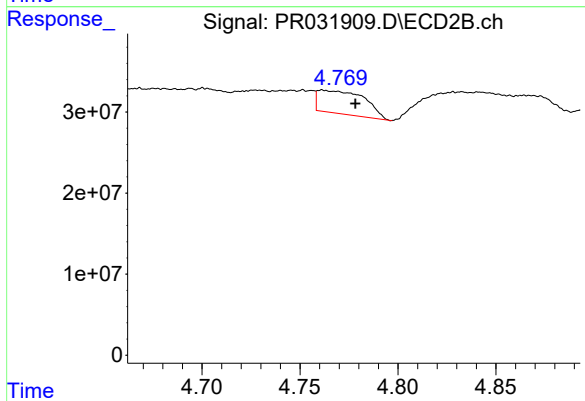
#5 AR-1016-3

R.T.: 4.727 min
Delta R.T.: 0.006 min
Response: 25002101
Conc: 8.62 ng/ml



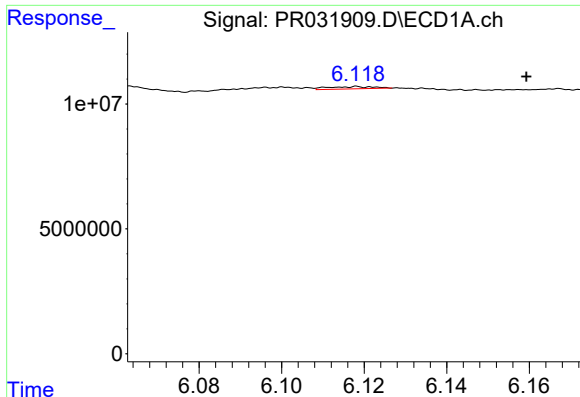
#6 AR-1016-4

R.T.: 5.754 min
Delta R.T.: -0.014 min
Response: 6502773
Conc: 8.30 ng/ml



#6 AR-1016-4

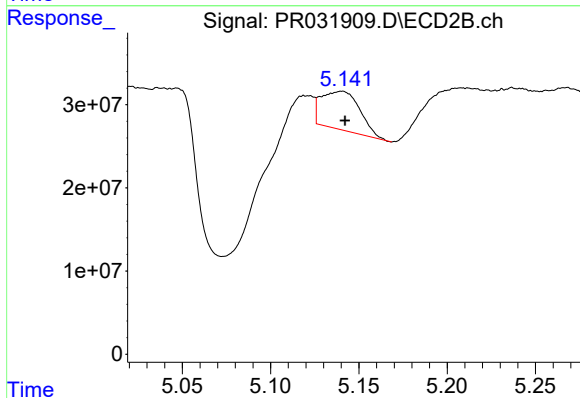
R.T.: 4.761 min
Delta R.T.: -0.017 min
Response: 47835445
Conc: 25.75 ng/ml



#7 AR-1016-5

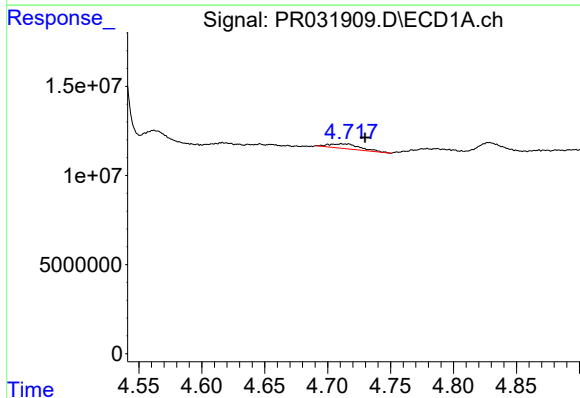
R.T.: 6.118 min
Delta R.T.: -0.041 min
Response: 680668
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



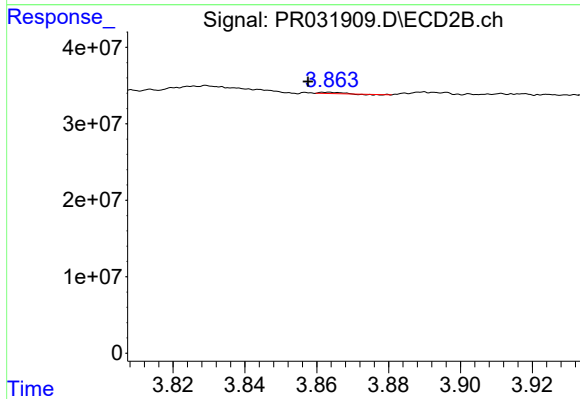
#7 AR-1016-5

R.T.: 5.141 min
Delta R.T.: -0.001 min
Response: 70024030
Conc: 40.57 ng/ml



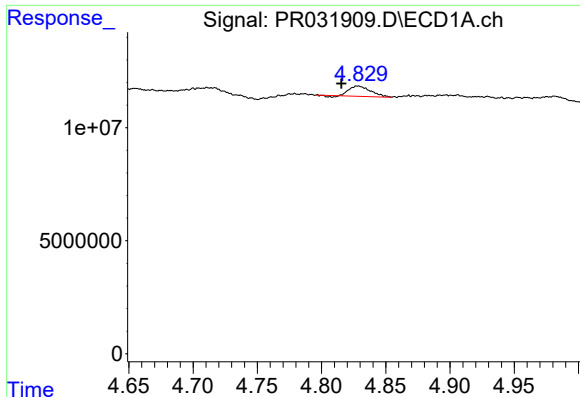
#8 AR-1221-1

R.T.: 4.711 min
Delta R.T.: -0.018 min
Response: 4573352
Conc: 19.62 ng/ml



#8 AR-1221-1

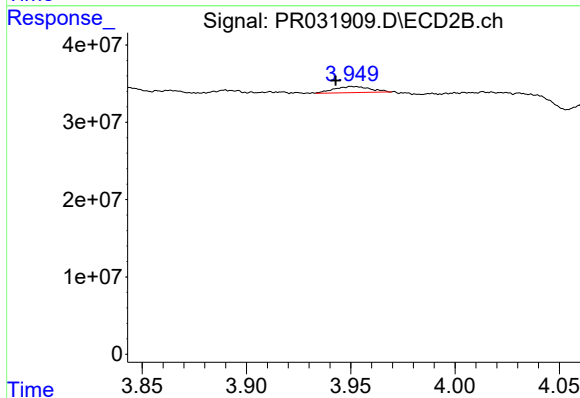
R.T.: 3.863 min
Delta R.T.: 0.006 min
Response: 609466
Conc: 1.49 ng/ml



#9 AR-1221-2

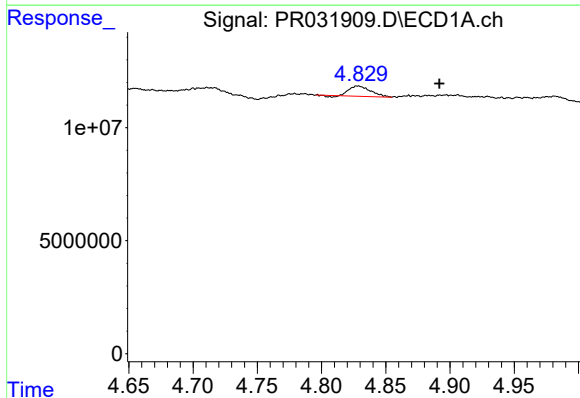
R.T.: 4.828 min
Delta R.T.: 0.013 min
Response: 5048446
Conc: 28.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



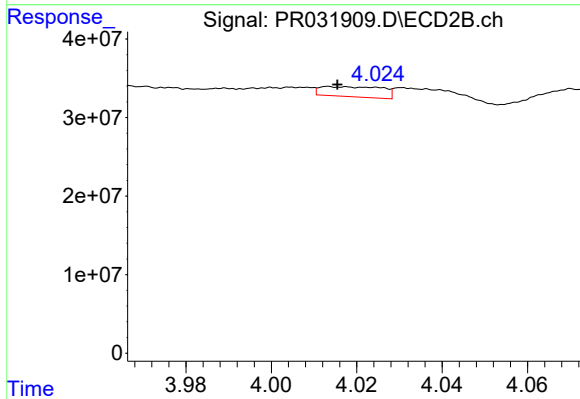
#9 AR-1221-2

R.T.: 3.950 min
Delta R.T.: 0.007 min
Response: 9624399
Conc: 30.84 ng/ml



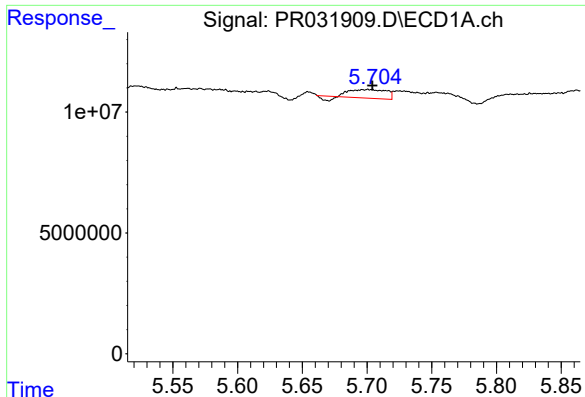
#10 AR-1221-3

R.T.: 4.828 min
Delta R.T.: -0.063 min
Response: 5048446
Conc: 9.10 ng/ml



#10 AR-1221-3

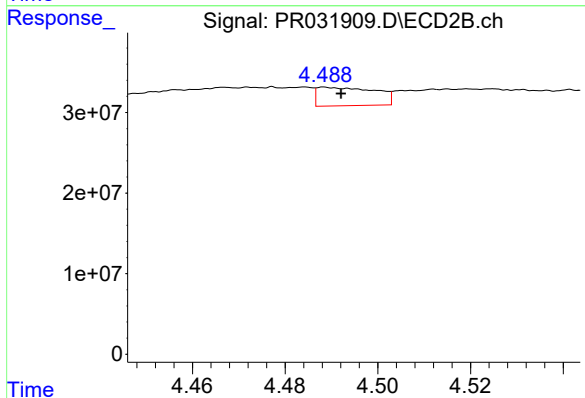
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 12959699
Conc: 12.56 ng/ml



#11 AR-1232-1

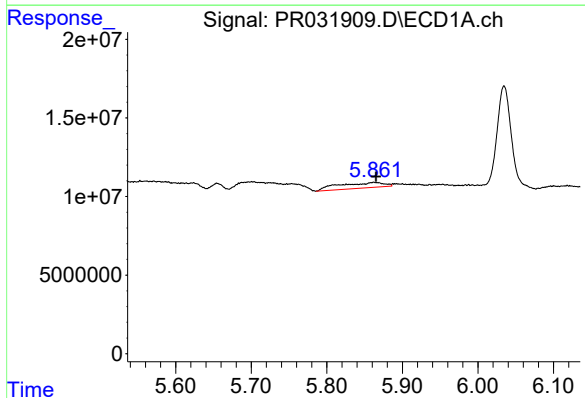
R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 6586089
Conc: 12.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



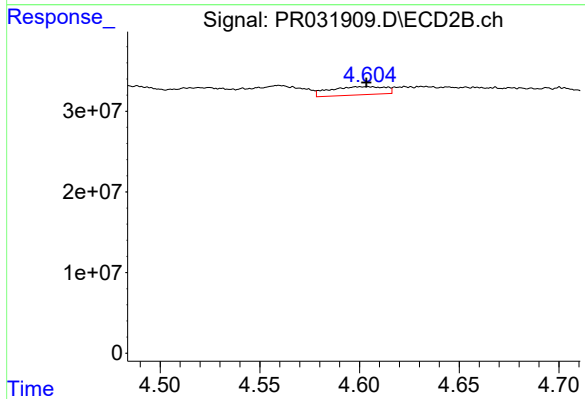
#11 AR-1232-1

R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 20031418
Conc: 35.90 ng/ml



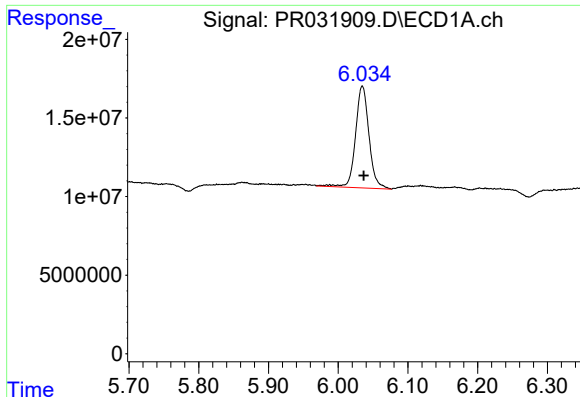
#12 AR-1232-2

R.T.: 5.862 min
Delta R.T.: -0.003 min
Response: 14485703
Conc: 53.73 ng/ml



#12 AR-1232-2

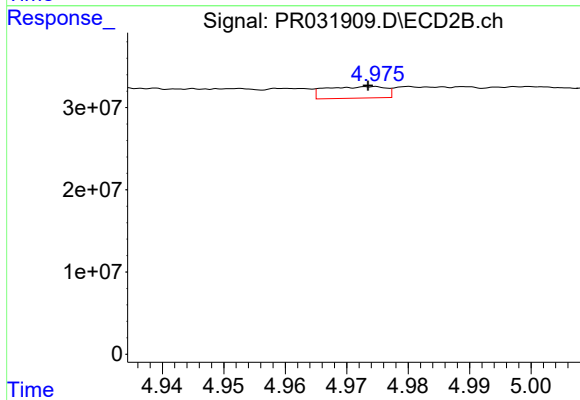
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 19930535
Conc: 105.57 ng/ml



#13 AR-1232-3

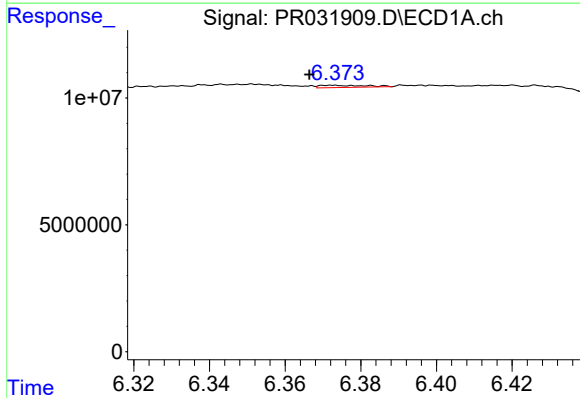
R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 87108627
Conc: 1109.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



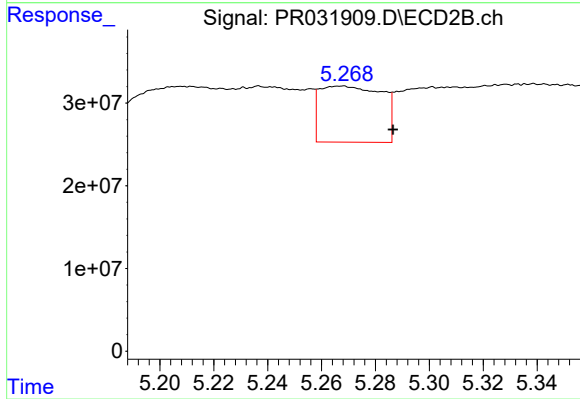
#13 AR-1232-3

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 9566613
Conc: 16.47 ng/ml



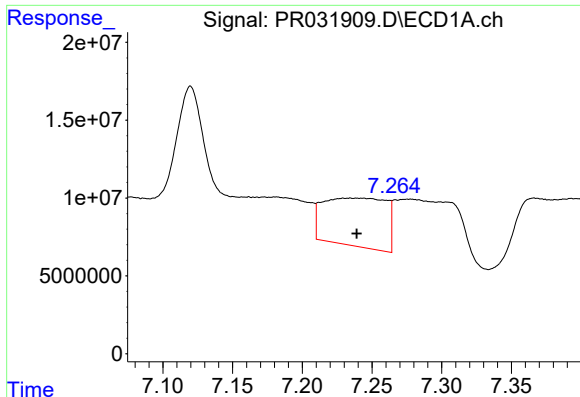
#14 AR-1232-4

R.T.: 6.372 min
Delta R.T.: 0.006 min
Response: 737620
Conc: 8.98 ng/ml



#14 AR-1232-4

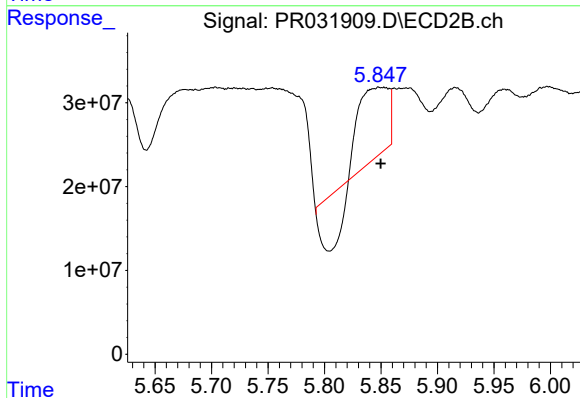
R.T.: 5.268 min
Delta R.T.: -0.018 min
Response: 108571340
Conc: 148.77 ng/ml



#15 AR-1232-5

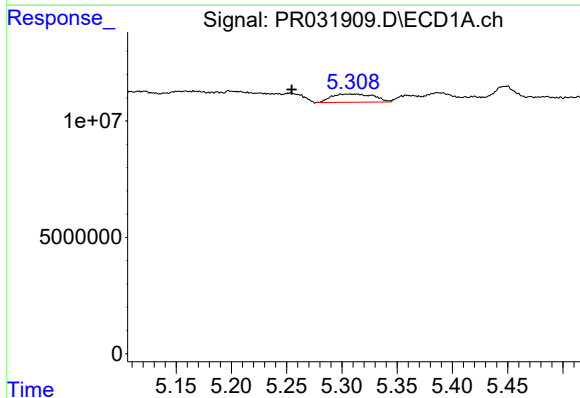
R.T.: 7.234 min
Delta R.T.: -0.005 min
Response: 96764338
Conc: 1778.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



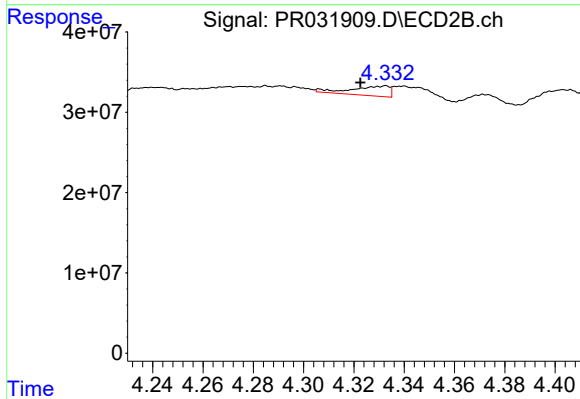
#15 AR-1232-5

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 87666007
Conc: 790.81 ng/ml



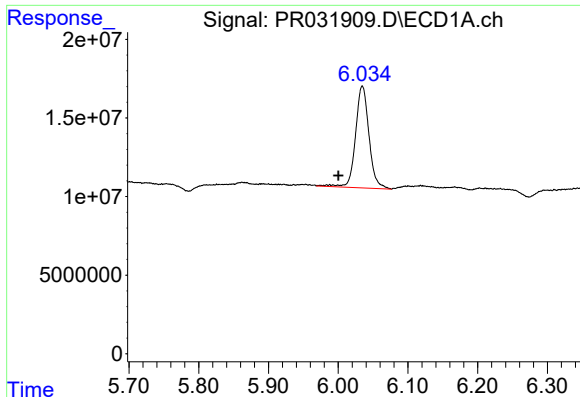
#16 AR-1242-1

R.T.: 5.308 min
Delta R.T.: 0.053 min
Response: 9434841
Conc: 35.45 ng/ml



#16 AR-1242-1

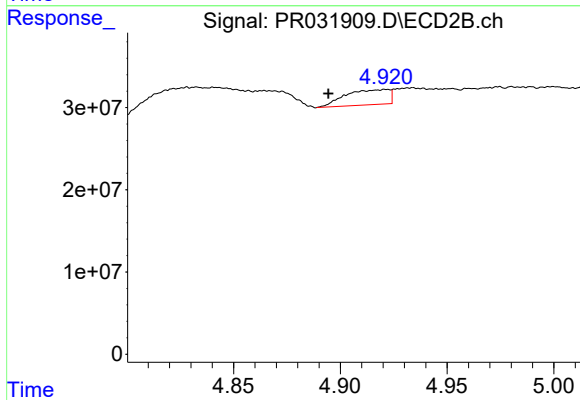
R.T.: 4.333 min
Delta R.T.: 0.010 min
Response: 13038685
Conc: 22.25 ng/ml



#17 AR-1242-2

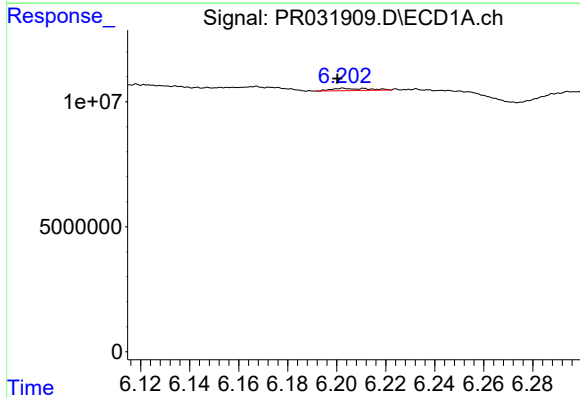
R.T.: 6.035 min
Delta R.T.: 0.034 min
Response: 87108627
Conc: 177.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



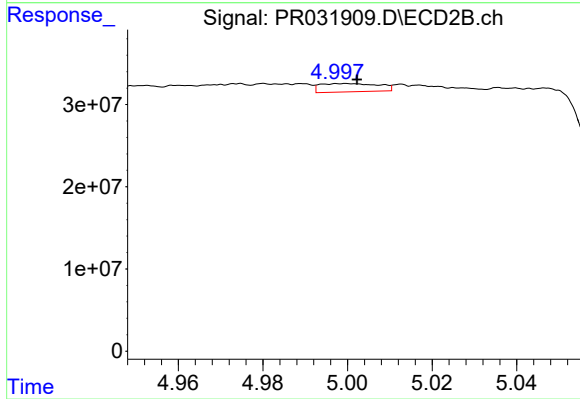
#17 AR-1242-2

R.T.: 4.921 min
Delta R.T.: 0.027 min
Response: 26133855
Conc: 21.50 ng/ml



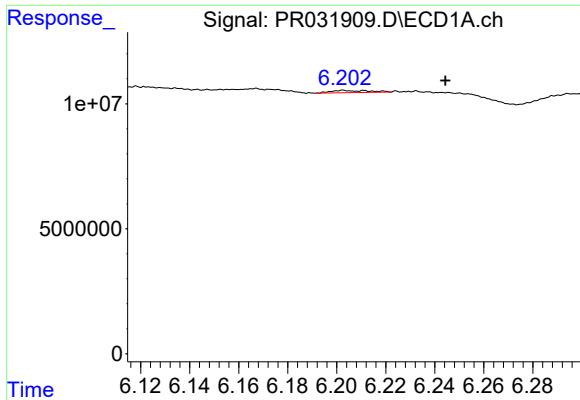
#18 AR-1242-3

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 942136
Conc: 3.82 ng/ml



#18 AR-1242-3

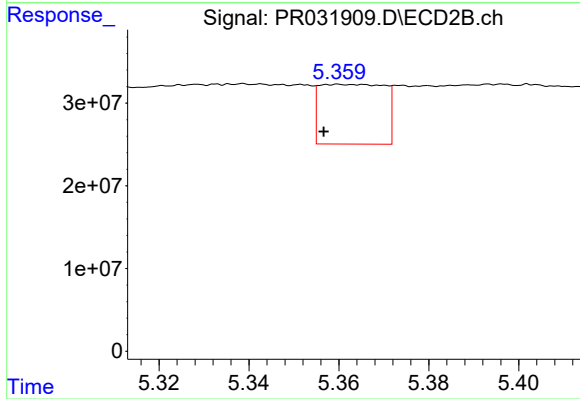
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 9689447
Conc: 22.43 ng/ml



#19 AR-1242-4

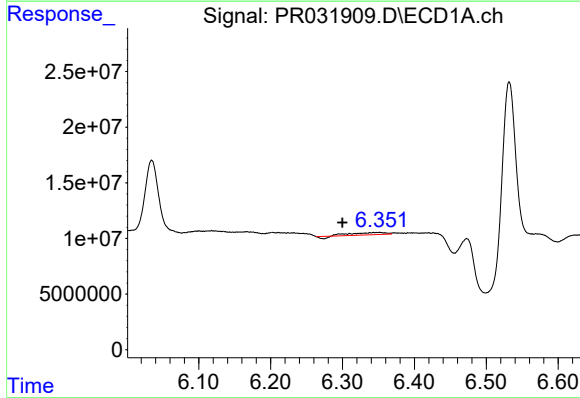
R.T.: 6.203 min
Delta R.T.: -0.042 min
Response: 942136
Conc: 5.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



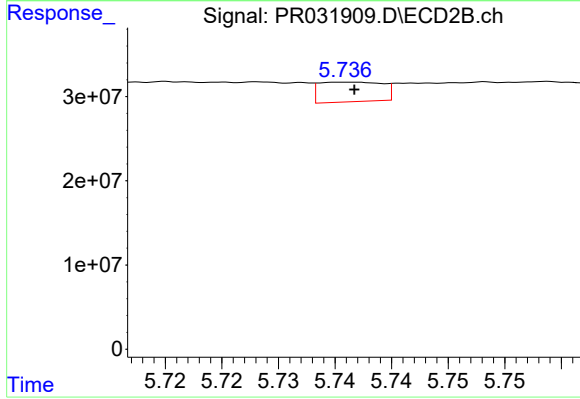
#19 AR-1242-4

R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 72267408
Conc: 175.06 ng/ml



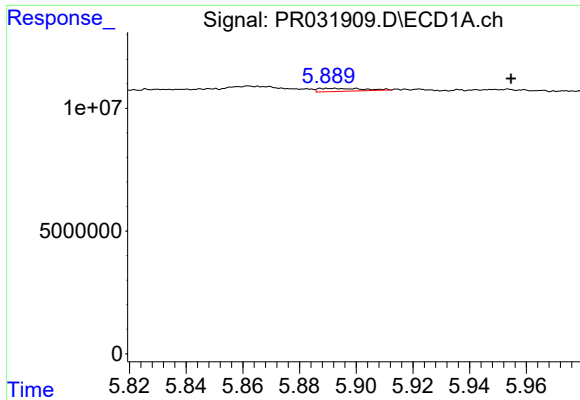
#20 AR-1242-5

R.T.: 6.352 min
Delta R.T.: 0.052 min
Response: 5857731
Conc: 9.29 ng/ml



#20 AR-1242-5

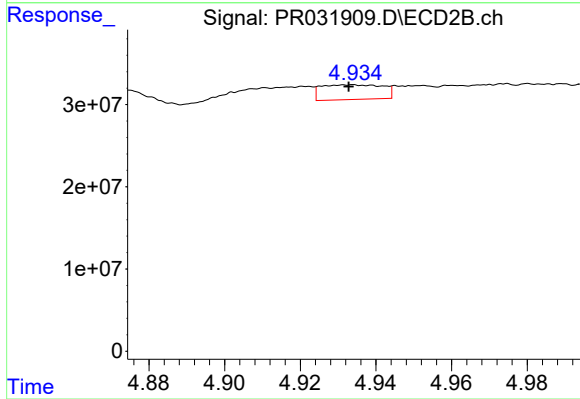
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 9109975
Conc: 9.73 ng/ml



#21 AR-1248-1

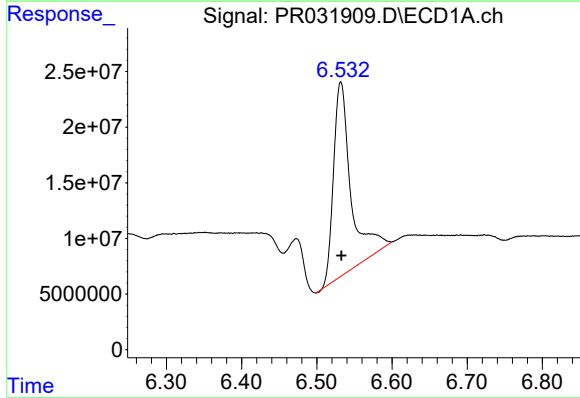
R.T.: 5.890 min
Delta R.T.: -0.064 min
Response: 1295232
Conc: 1.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



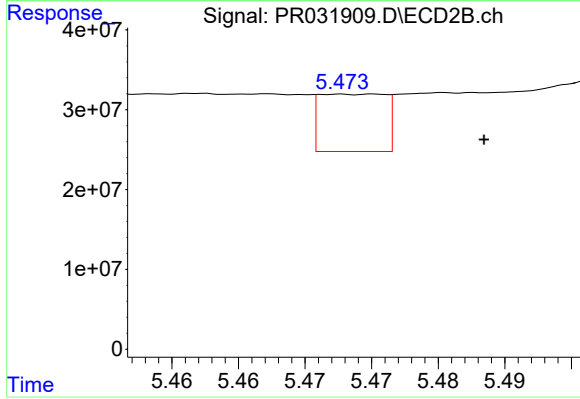
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.001 min
Response: 20262387
Conc: 11.55 ng/ml



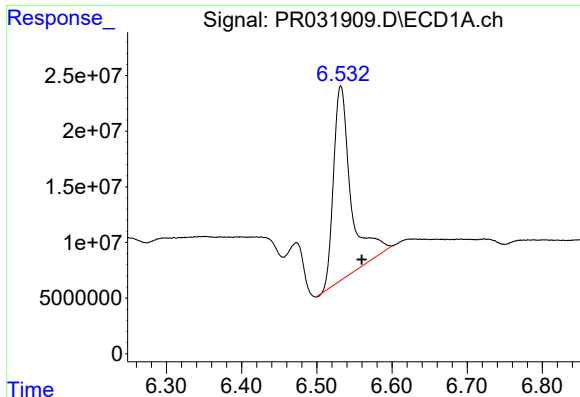
#22 AR-1248-2

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 281494064
Conc: 332.48 ng/ml



#22 AR-1248-2

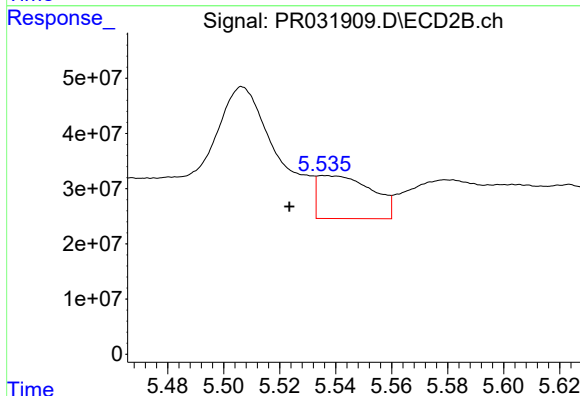
R.T.: 5.473 min
Delta R.T.: -0.011 min
Response: 24572962
Conc: 6.71 ng/ml



#23 AR-1248-3

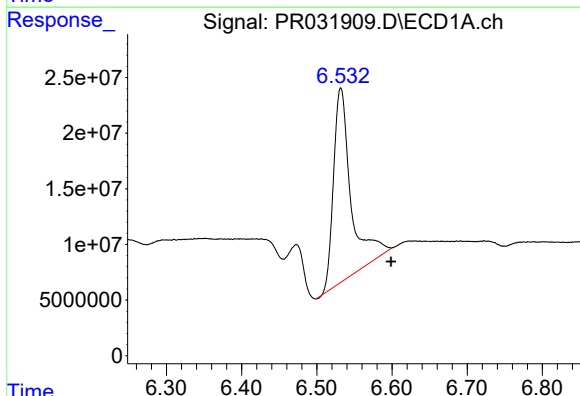
R.T.: 6.532 min
Delta R.T.: -0.028 min
Response: 281494064
Conc: 246.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



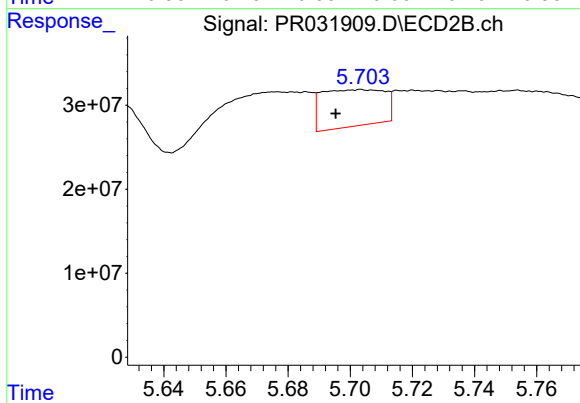
#23 AR-1248-3

R.T.: 5.536 min
Delta R.T.: 0.012 min
Response: 104865018
Conc: 40.08 ng/ml



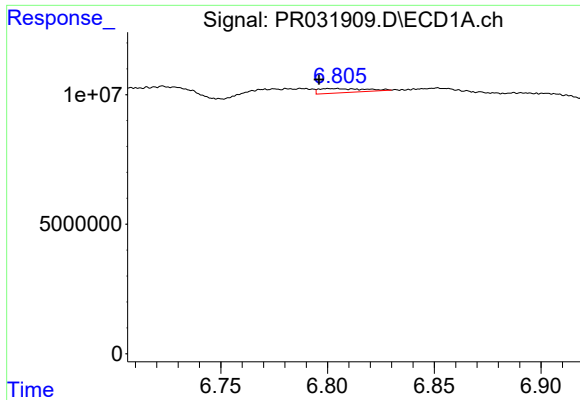
#24 AR-1248-4

R.T.: 6.532 min
Delta R.T.: -0.067 min
Response: 281494064
Conc: 261.25 ng/ml



#24 AR-1248-4

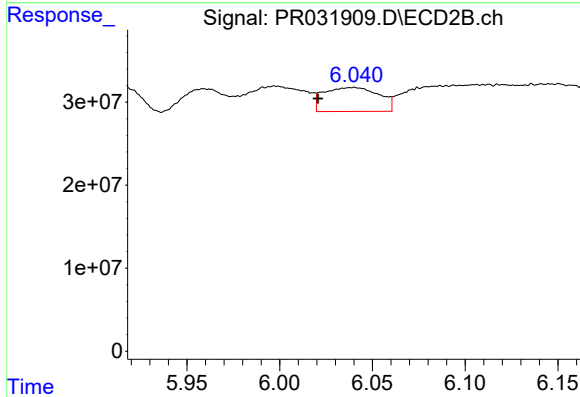
R.T.: 5.703 min
Delta R.T.: 0.008 min
Response: 61605465
Conc: 23.07 ng/ml



#25 AR-1248-5

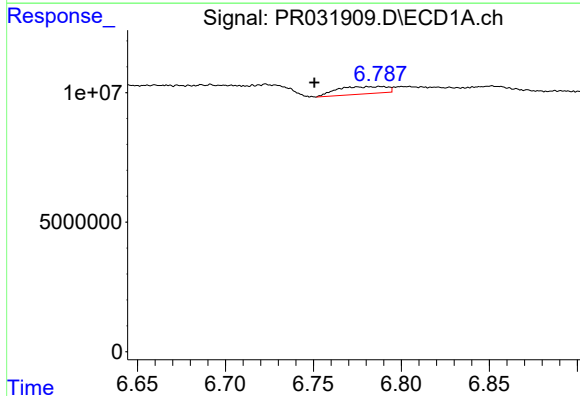
R.T.: 6.801 min
Delta R.T.: 0.005 min
Response: 2413498
Conc: 3.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



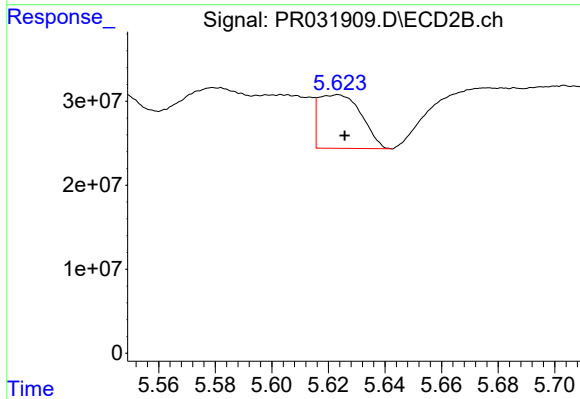
#25 AR-1248-5

R.T.: 6.040 min
Delta R.T.: 0.020 min
Response: 59807929
Conc: 35.47 ng/ml



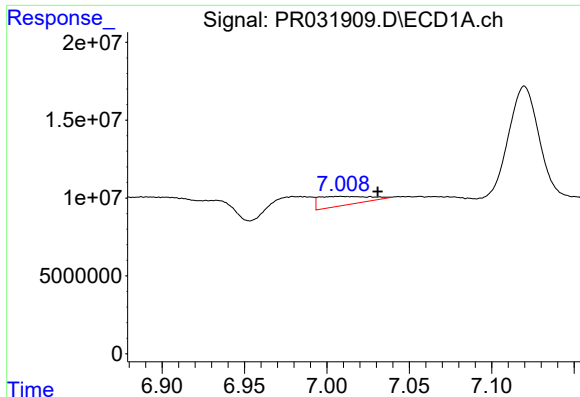
#26 AR-1254-1

R.T.: 6.788 min
Delta R.T.: 0.038 min
Response: 5653637
Conc: 2.91 ng/ml



#26 AR-1254-1

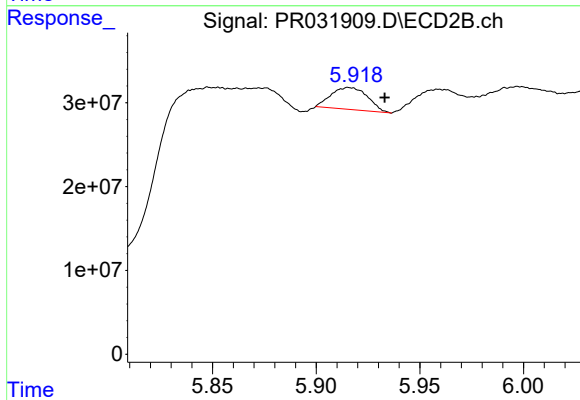
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 67271409
Conc: 17.69 ng/ml



#27 AR-1254-2

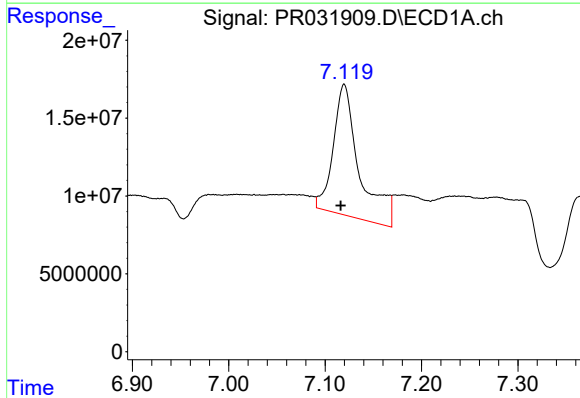
R.T.: 7.008 min
Delta R.T.: -0.023 min
Response: 11863719
Conc: 9.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



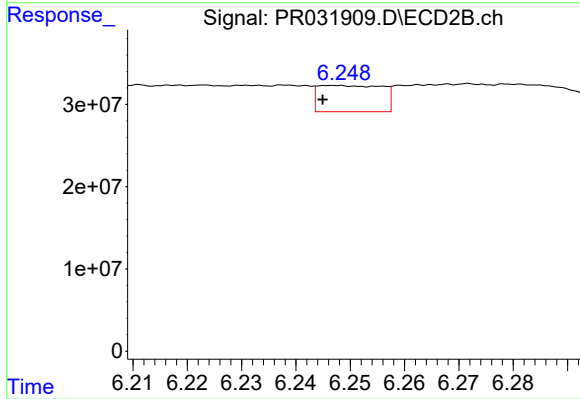
#27 AR-1254-2

R.T.: 5.915 min
Delta R.T.: -0.017 min
Response: 32060638
Conc: 10.86 ng/ml



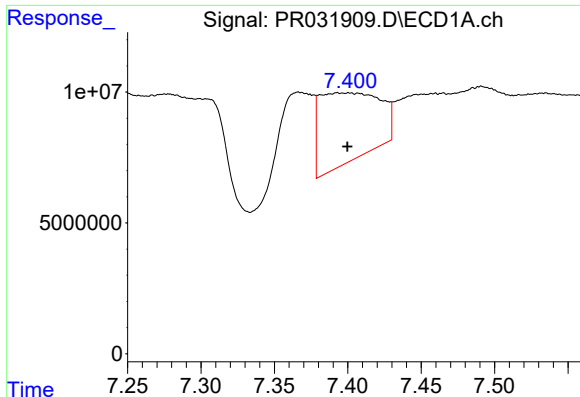
#28 AR-1254-3

R.T.: 7.120 min
Delta R.T.: 0.004 min
Response: 157503472
Conc: 71.88 ng/ml



#28 AR-1254-3

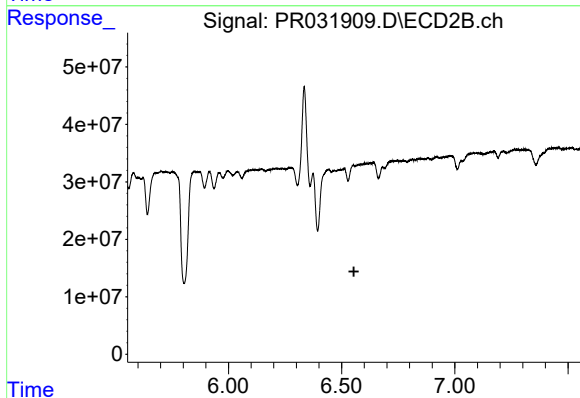
R.T.: 6.247 min
Delta R.T.: 0.002 min
Response: 26115631
Conc: 5.84 ng/ml



#29 AR-1254-4

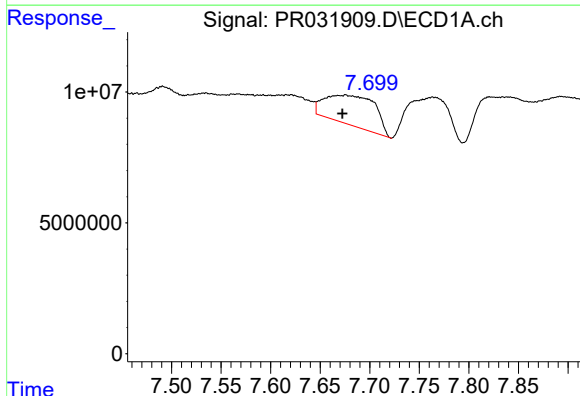
R.T.: 7.393 min
Delta R.T.: -0.006 min
Response: 75147595
Conc: 43.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



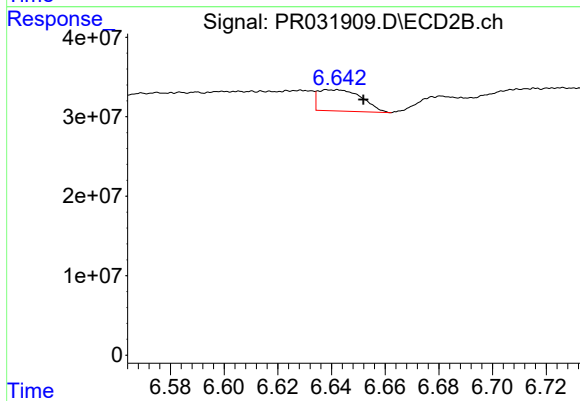
#29 AR-1254-4

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: -2579648
Conc: N.D.



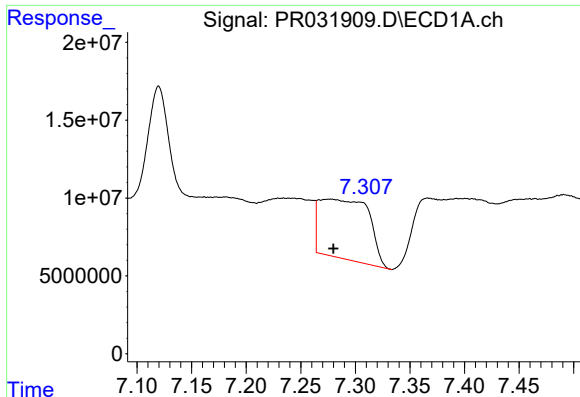
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: 0.003 min
Response: 40304656
Conc: 31.02 ng/ml



#30 AR-1254-5

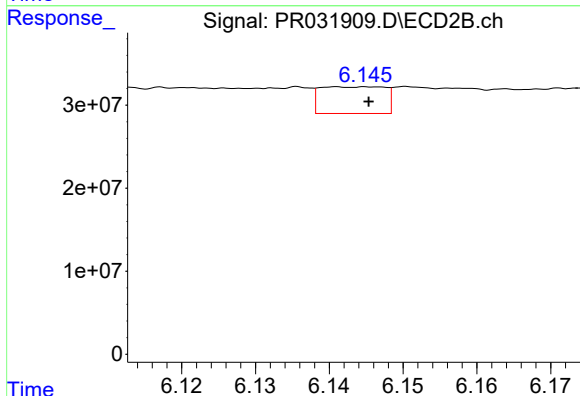
R.T.: 6.642 min
Delta R.T.: -0.009 min
Response: 30430252
Conc: 7.99 ng/ml



#31 AR-1260-1

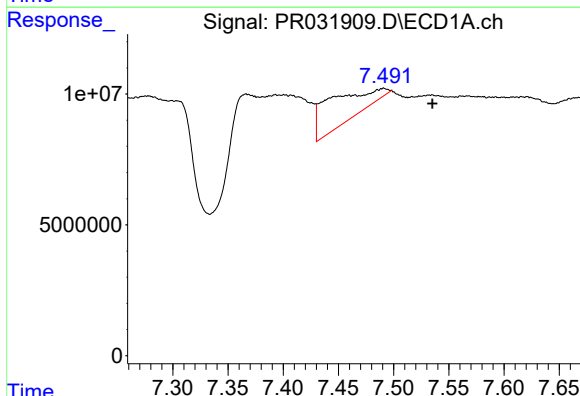
R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 120997989
Conc: 77.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



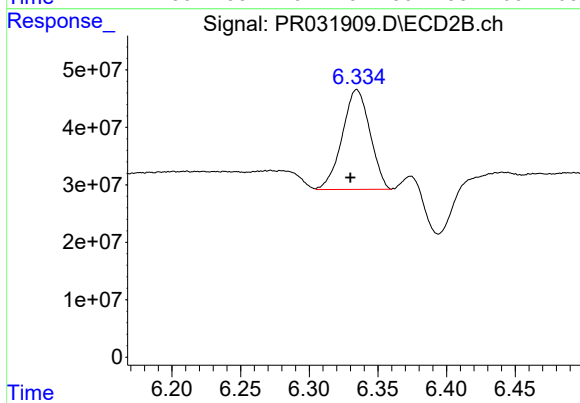
#31 AR-1260-1

R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 19545336
Conc: 5.30 ng/ml



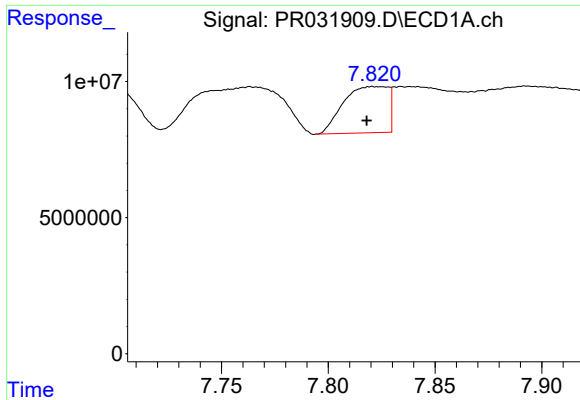
#32 AR-1260-2

R.T.: 7.491 min
Delta R.T.: -0.044 min
Response: 32587435
Conc: 16.37 ng/ml



#32 AR-1260-2

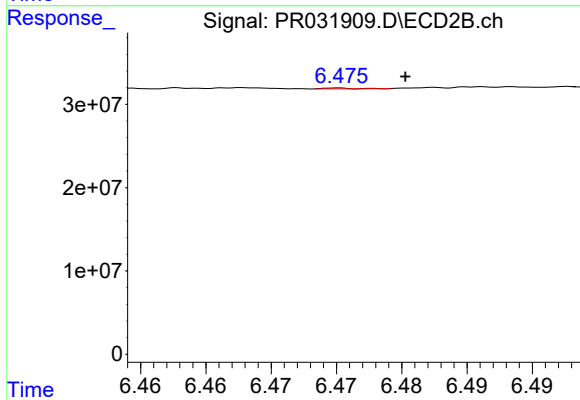
R.T.: 6.335 min
Delta R.T.: 0.005 min
Response: 244425456
Conc: 54.55 ng/ml



#33 AR-1260-3

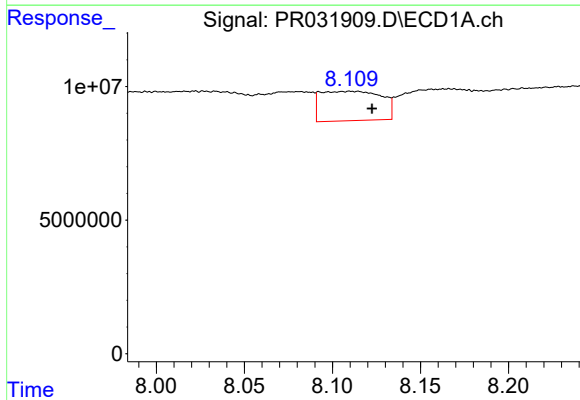
R.T.: 7.821 min
Delta R.T.: 0.003 min
Response: 24663625
Conc: 10.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



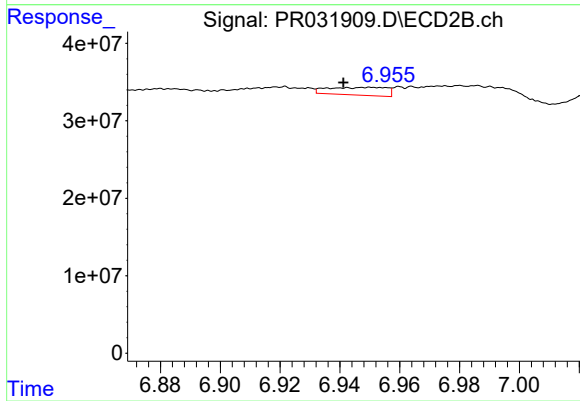
#33 AR-1260-3

R.T.: 6.475 min
Delta R.T.: -0.005 min
Response: 139045
Conc: 0.04 ng/ml



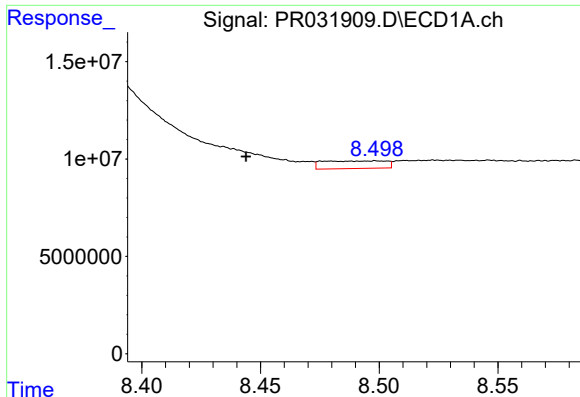
#34 AR-1260-4

R.T.: 8.110 min
Delta R.T.: -0.012 min
Response: 26519473
Conc: 15.90 ng/ml



#34 AR-1260-4

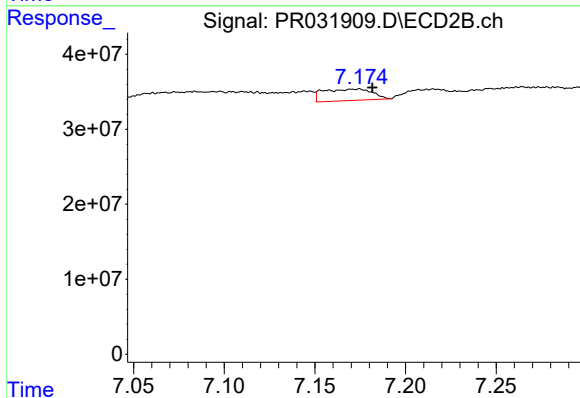
R.T.: 6.950 min
Delta R.T.: 0.009 min
Response: 13849212
Conc: 6.74 ng/ml



#35 AR-1260-5

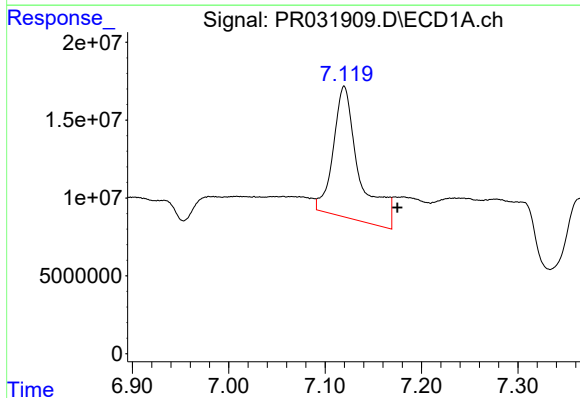
R.T.: 8.499 min
Delta R.T.: 0.055 min
Response: 7178338
Conc: 1.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



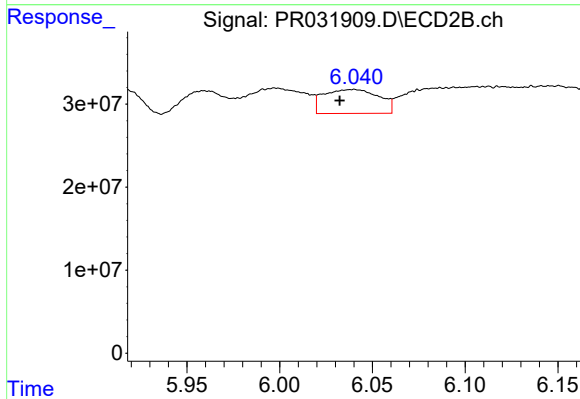
#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 28816042
Conc: 6.60 ng/ml



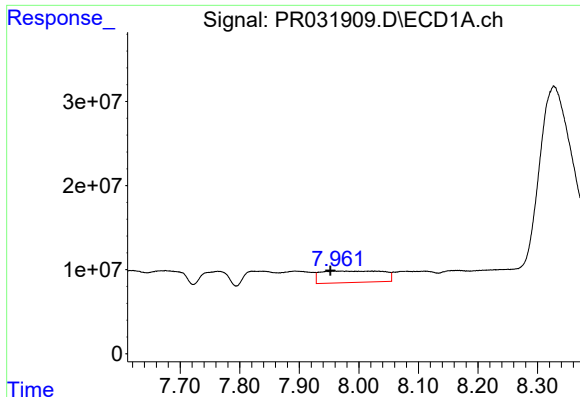
#36 AR-1262-1

R.T.: 7.120 min
Delta R.T.: -0.055 min
Response: 157503472
Conc: 186.07 ng/ml



#36 AR-1262-1

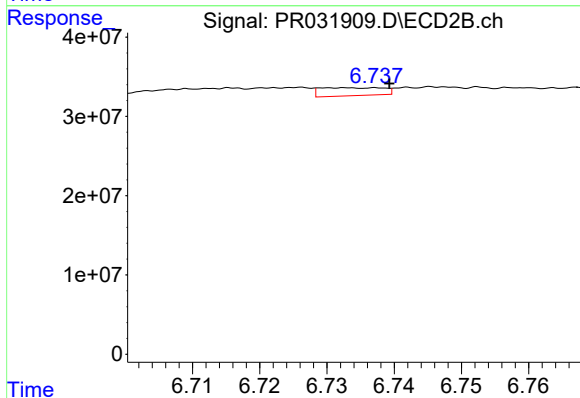
R.T.: 6.040 min
Delta R.T.: 0.008 min
Response: 59807929
Conc: 29.89 ng/ml



#37 AR-1262-2

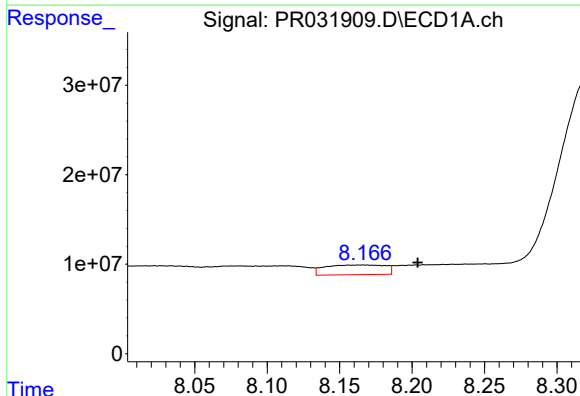
R.T.: 7.972 min
Delta R.T.: 0.020 min
Response: 99631873
Conc: 117.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



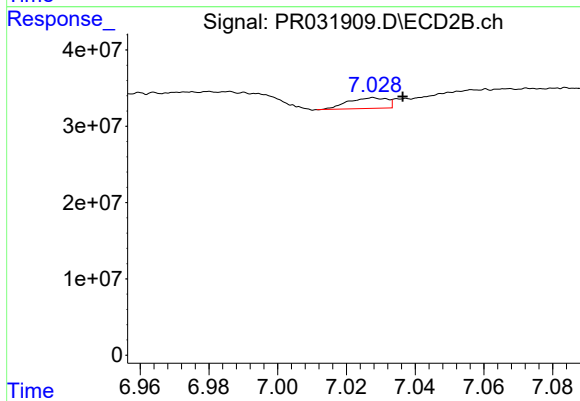
#37 AR-1262-2

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 6560797
Conc: 4.36 ng/ml



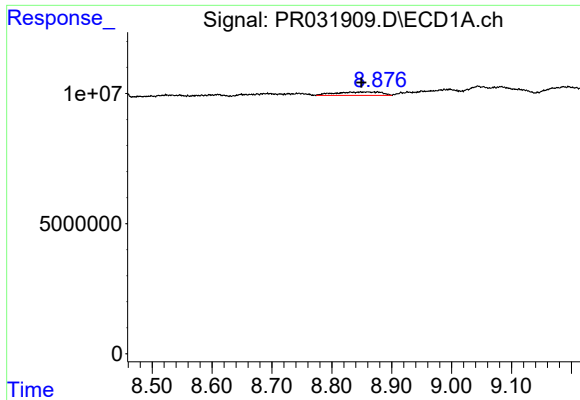
#38 AR-1262-3

R.T.: 8.167 min
Delta R.T.: -0.037 min
Response: 31476007
Conc: 41.80 ng/ml



#38 AR-1262-3

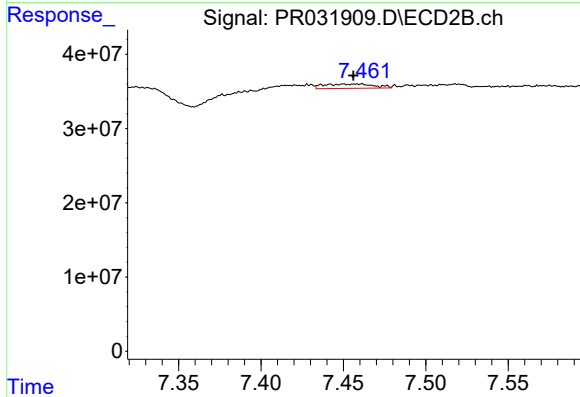
R.T.: 7.028 min
Delta R.T.: -0.008 min
Response: 11015600
Conc: 9.02 ng/ml



#39 AR-1262-4

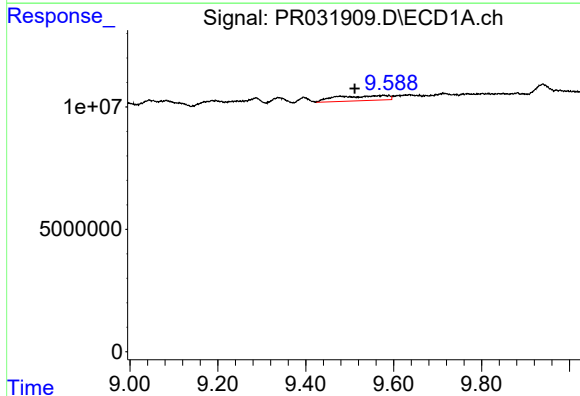
R.T.: 8.831 min
Delta R.T.: -0.019 min
Response: 6920419
Conc: 3.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



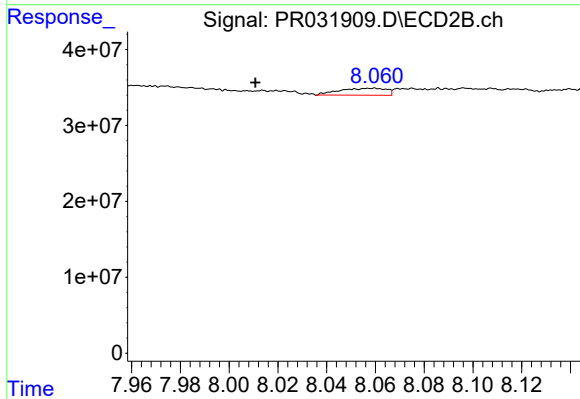
#39 AR-1262-4

R.T.: 7.460 min
Delta R.T.: 0.004 min
Response: 12377069
Conc: 7.39 ng/ml



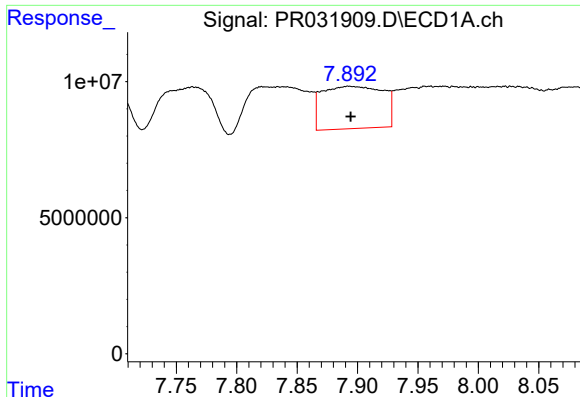
#40 AR-1262-5

R.T.: 9.577 min
Delta R.T.: 0.066 min
Response: 16167177
Conc: 10.58 ng/ml



#40 AR-1262-5

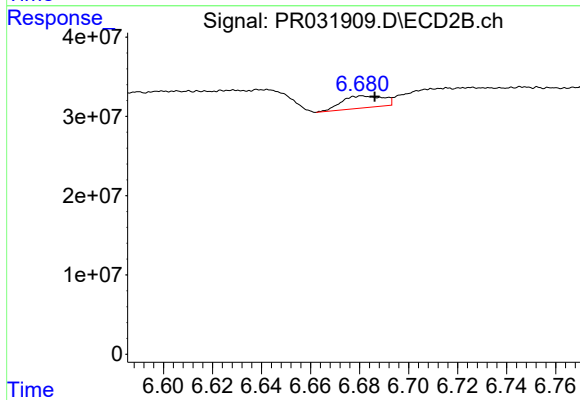
R.T.: 8.059 min
Delta R.T.: 0.048 min
Response: 12181124
Conc: 9.62 ng/ml



#41 AR-1268-1

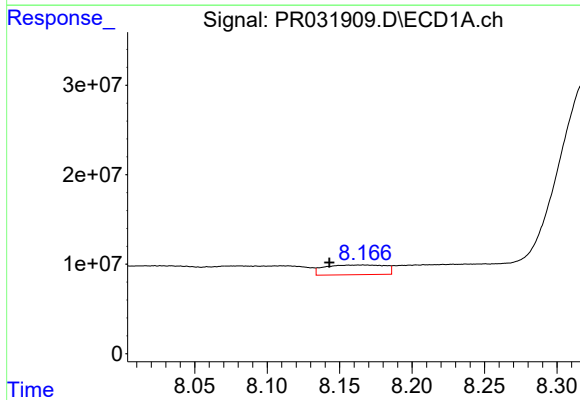
R.T.: 7.893 min
Delta R.T.: -0.002 min
Response: 54585034
Conc: 59.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



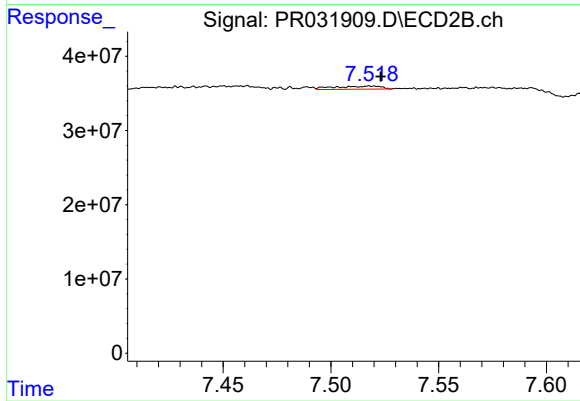
#41 AR-1268-1

R.T.: 6.681 min
Delta R.T.: -0.005 min
Response: 17764945
Conc: 10.88 ng/ml



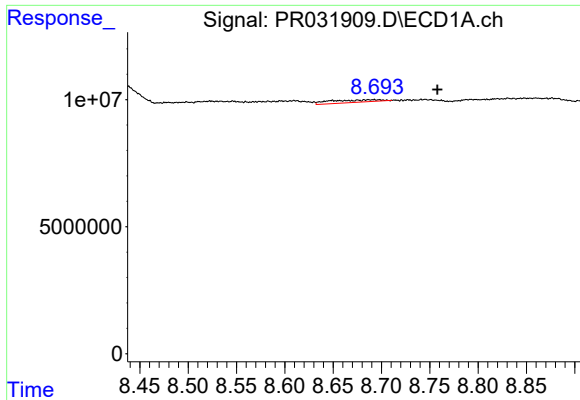
#42 AR-1268-2

R.T.: 8.167 min
Delta R.T.: 0.024 min
Response: 31476007
Conc: 25.04 ng/ml



#42 AR-1268-2

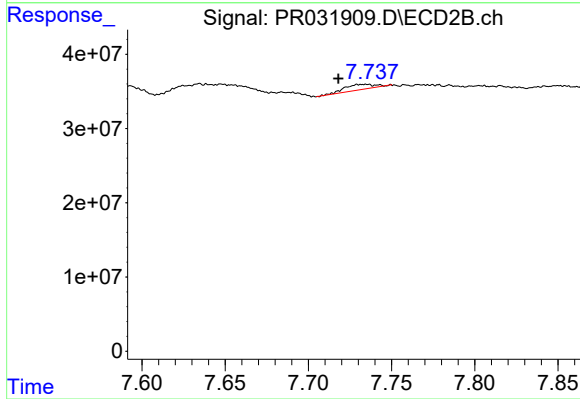
R.T.: 7.518 min
Delta R.T.: -0.005 min
Response: 6261055
Conc: 1.56 ng/ml



#43 AR-1268-3

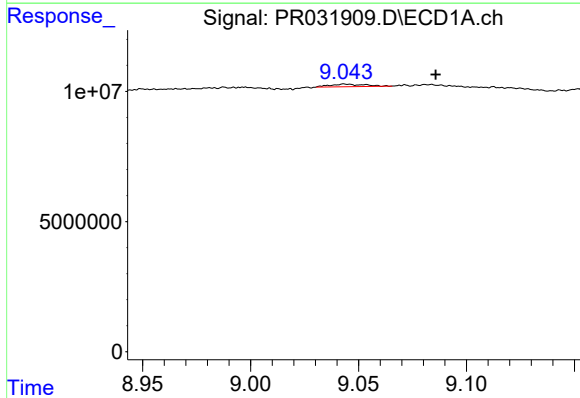
R.T.: 8.697 min
Delta R.T.: -0.061 min
Response: 3405257
Conc: 0.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



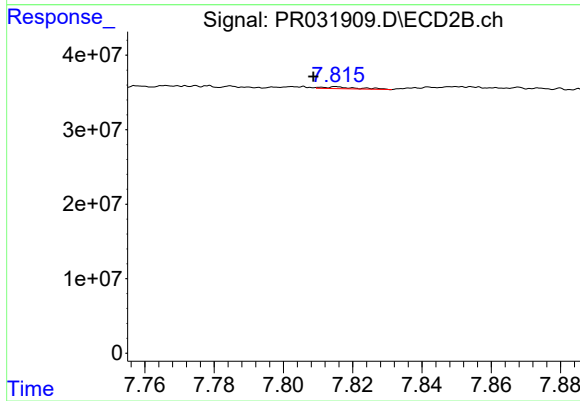
#43 AR-1268-3

R.T.: 7.735 min
Delta R.T.: 0.017 min
Response: 8703669
Conc: 2.53 ng/ml



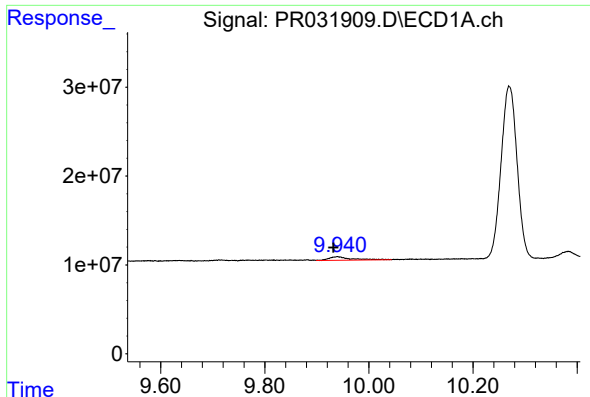
#44 AR-1268-4

R.T.: 9.044 min
Delta R.T.: -0.042 min
Response: 1089171
Conc: 0.25 ng/ml



#44 AR-1268-4

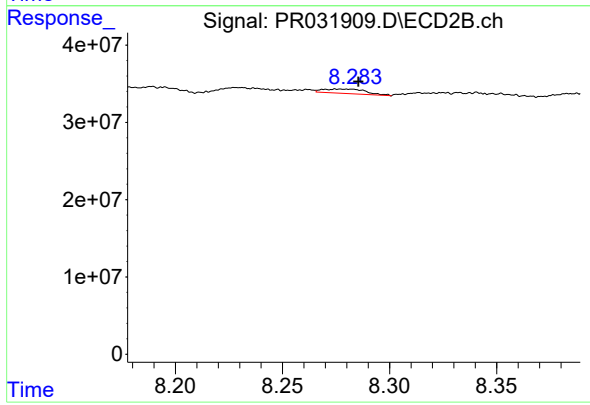
R.T.: 7.815 min
Delta R.T.: 0.007 min
Response: 1677302
Conc: 1.69 ng/ml



#45 AR-1268-5

R.T.: 9.939 min
Delta R.T.: 0.008 min
Response: 11458599
Conc: 0.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.277 min
Delta R.T.: -0.009 min
Response: 8091028
Conc: 0.85 ng/ml