

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080418\
 Data File : PR031088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2018 19:51
 Operator : SM\MA
 Sample : J4175-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 01:36:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080218CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 02 03:51:20 2018
 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...	4.561	3.694	179.6E6	293.5E6	13.558	13.309
2)	SA Decachlor...	10.336	8.584	806.3E6	512.2E6	24.347	25.770
Target Compounds							
3)	L1 AR-1016-1	5.202f	4.361	1659733	1788579	4.436	2.571 #
4)	L1 AR-1016-2	5.453	4.768	328141	3047332	0.885	2.791 #
5)	L1 AR-1016-3	0.000	4.768	0	3047332	N.D.	1.687 #
6)	L1 AR-1016-4	0.000	4.801	0	4049781	N.D.	3.349 #
7)	L1 AR-1016-5	6.234f	5.191	1624598	9042537	3.446	8.235 #
8)	L2 AR-1221-1	4.704f	3.944f	1071451	183587	5.612	0.559 #
9)	L2 AR-1221-2	4.865	3.990	1771518	7003071	14.138	29.595 #
10)	L2 AR-1221-3	4.865f	4.080	1771518	70324	3.781	0.091 #
11)	L3 AR-1232-1	0.000	4.542	0	1853773	N.D.	5.161 #
12)	L3 AR-1232-2	0.000	4.768	0	3047332	N.D.	3.396 #
13)	L3 AR-1232-3	0.000	5.032	0	8256105	N.D.	18.857 #
14)	L3 AR-1232-4	6.573	5.301f	7063066	60085455	36.186	163.257 #
15)	L3 AR-1232-5	6.596f	5.575	6781457	1659860	25.568	3.051 #
16)	L4 AR-1242-1	0.000	4.361	0	1788579	N.D.	4.741 #
17)	L4 AR-1242-2	0.000	4.977	0	9494017	N.D.	12.357 #
18)	L4 AR-1242-3	6.234	4.977	1624598	9494017	8.811	14.415 #
19)	L4 AR-1242-4	6.234f	5.732	1624598	17668306	12.763	17.716 #
20)	L4 AR-1242-5	0.000	5.770	0	18289804	N.D.	26.957 #
21)	L5 AR-1248-1	0.000	4.977	0	9494017	N.D.	6.652 #
22)	L5 AR-1248-2	6.573	5.536	7063066	5432217	9.230	1.791 #
23)	L5 AR-1248-3	6.596	5.575	6781457	1659860	6.393	0.756 #
24)	L5 AR-1248-4	6.596f	5.732	6781457	17668306	6.846	8.970 #
25)	L5 AR-1248-5	6.836	6.075	1962319	50199389	2.919	32.453 #
26)	L6 AR-1254-1	6.786	5.681	5794626	10836921	3.812	4.028
27)	L6 AR-1254-2	7.052	5.980	3694361	33319129	3.975	14.933 #
28)	L6 AR-1254-3	7.157	6.296	9414302	16828257	5.507	4.737
29)	L6 AR-1254-4	7.442	6.608	14555737	8201806	9.657	4.429 #
30)	L6 AR-1254-5	7.708	6.704	10026530	11414877	9.324	3.301 #
31)	L7 AR-1260-1	7.322	6.198	9729736	25695034	8.380	9.750
32)	L7 AR-1260-2	7.572	6.386	1546647	13443121	0.916	4.104 #
33)	L7 AR-1260-3	7.857	6.535	3877011	4598211	2.015	1.690
34)	L7 AR-1260-4	8.150	6.970	2390653	2050607	1.706	1.186 #
35)	L7 AR-1260-5	8.512	7.239	2313173	3882978	0.661	1.047 #
36)	L8 AR-1262-1	7.216	6.075	1781677	50199389	1.965	26.121 #
37)	L8 AR-1262-2	7.996	6.803	5303476	3395541	5.760	1.940 #
38)	L8 AR-1262-3	8.276	7.070	2353782	859065	2.961	0.643 #
39)	L8 AR-1262-4	8.827f	7.507	2462332	6981543	1.022	3.443 #
40)	L8 AR-1262-5	0.000	8.090	0	1032018	N.D.	0.746 #
41)	L9 AR-1268-1	7.938	6.735	1547127	2078201	1.707	1.265 #

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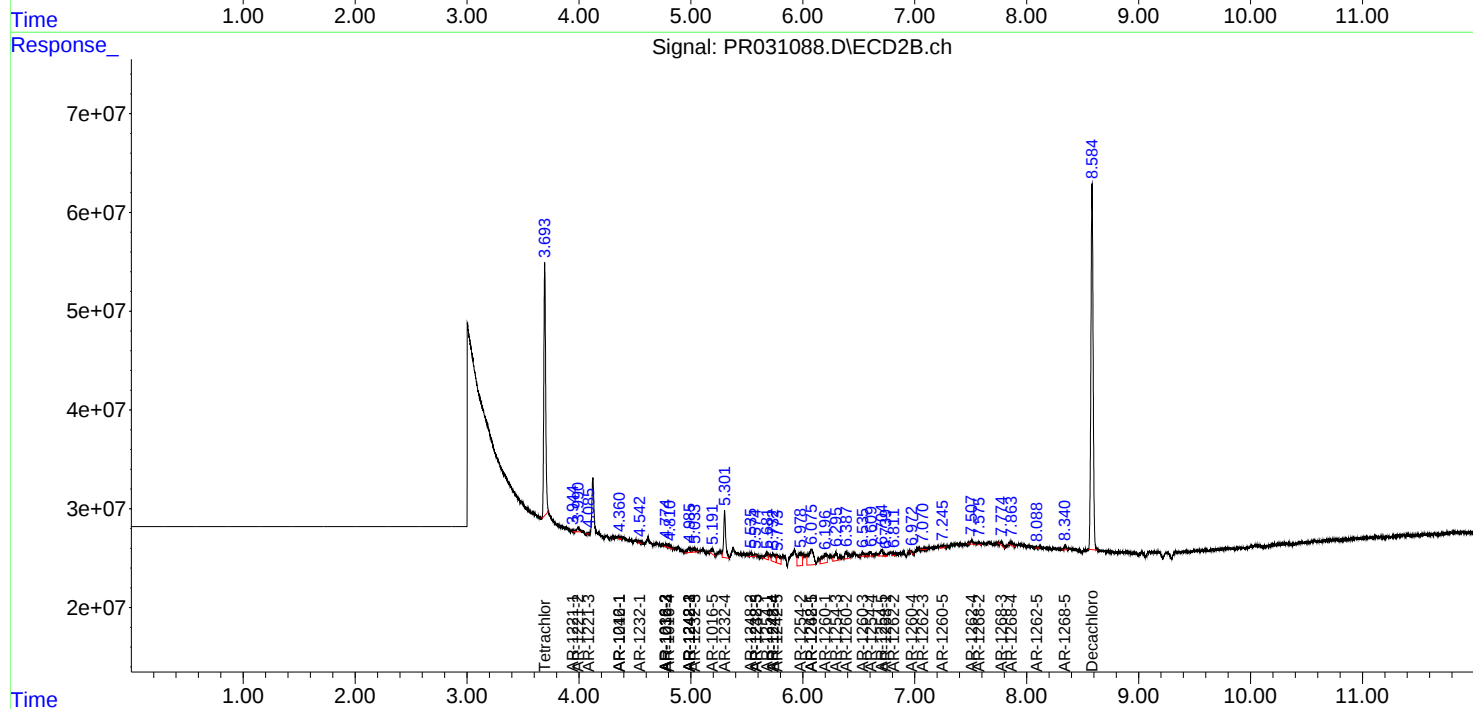
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

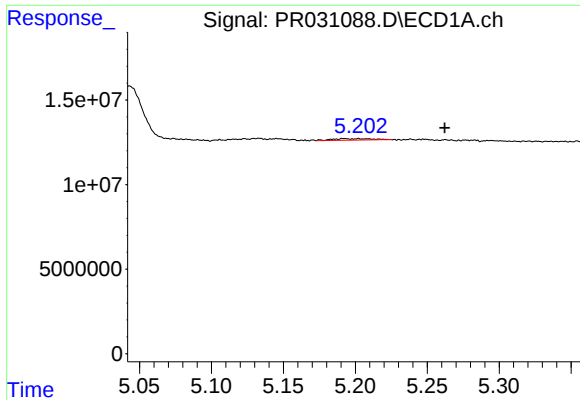
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.202	7.566	2564829	2936568	2.004	0.677 #
43) L9	AR-1268-3	8.827	7.774	2462332	5542335	0.430	1.567 #
44) L9	AR-1268-4	9.135	7.864	5777781	6361802	1.240	6.323 #
45) L9	AR-1268-5	9.992	8.341	8561731	6460258	0.619	0.747

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

Instrument :
ECD_R
ClientSampleId :

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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

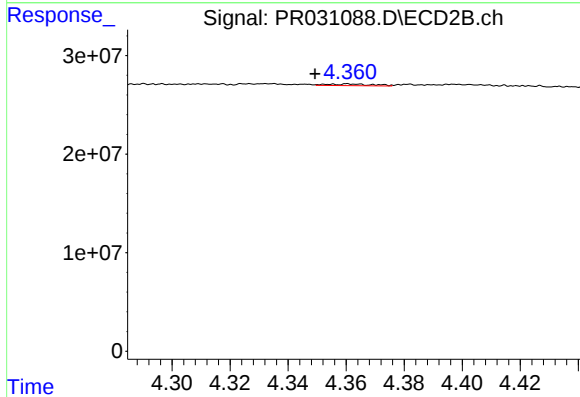




#3 AR-1016-1

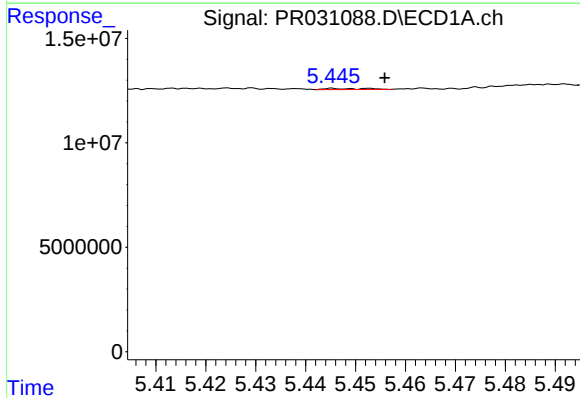
R.T.: 5.202 min
Delta R.T.: -0.060 min
Response: 1659733
Conc: 4.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



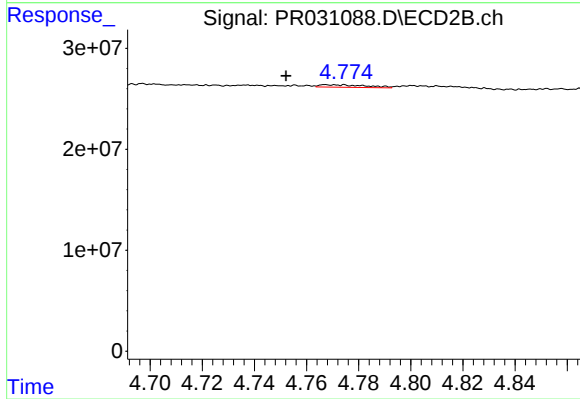
#3 AR-1016-1

R.T.: 4.361 min
Delta R.T.: 0.012 min
Response: 1788579
Conc: 2.57 ng/ml



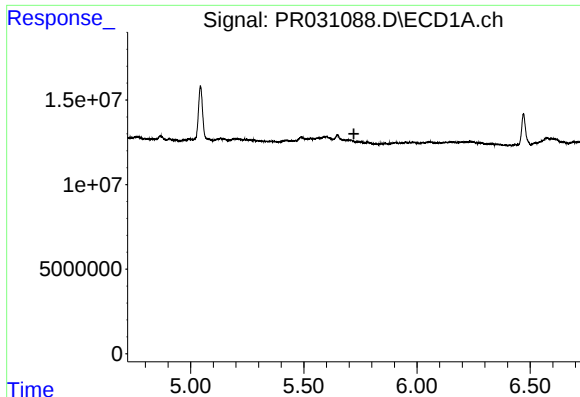
#4 AR-1016-2

R.T.: 5.453 min
Delta R.T.: -0.003 min
Response: 328141
Conc: 0.89 ng/ml



#4 AR-1016-2

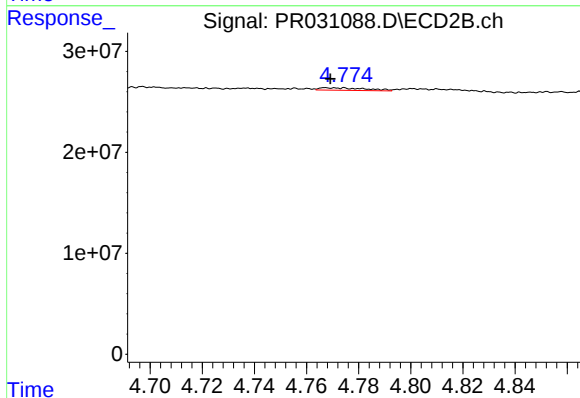
R.T.: 4.768 min
Delta R.T.: 0.016 min
Response: 3047332
Conc: 2.79 ng/ml



#5 AR-1016-3

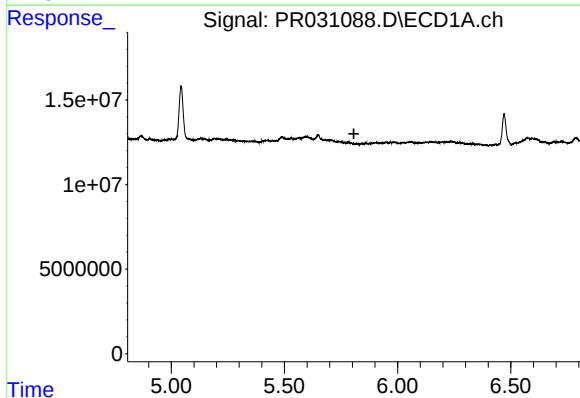
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



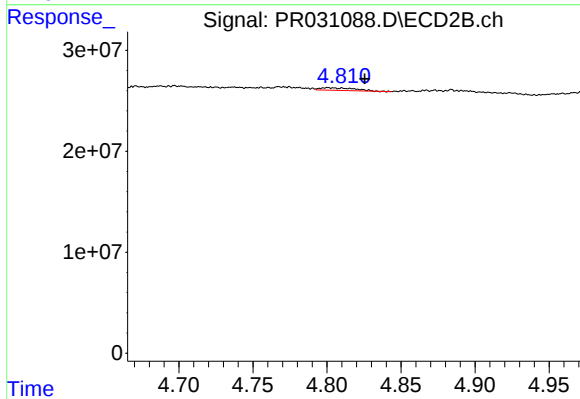
#5 AR-1016-3

R.T.: 4.768 min
Delta R.T.: -0.001 min
Response: 3047332
Conc: 1.69 ng/ml



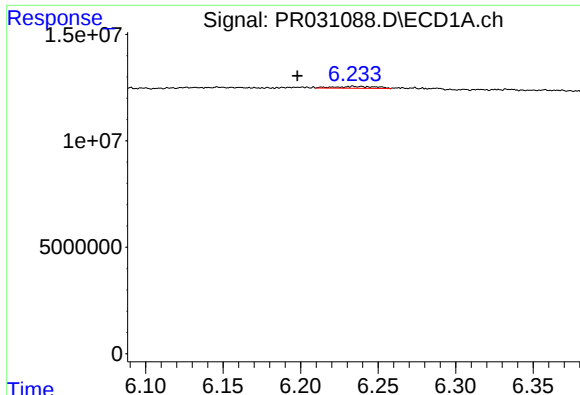
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.807 min
Response: 0
Conc: N.D.



#6 AR-1016-4

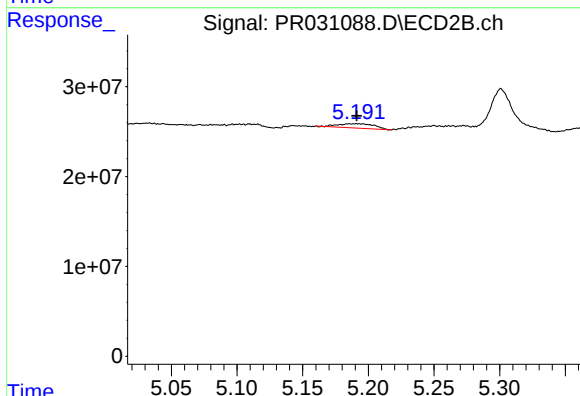
R.T.: 4.801 min
Delta R.T.: -0.025 min
Response: 4049781
Conc: 3.35 ng/ml



#7 AR-1016-5

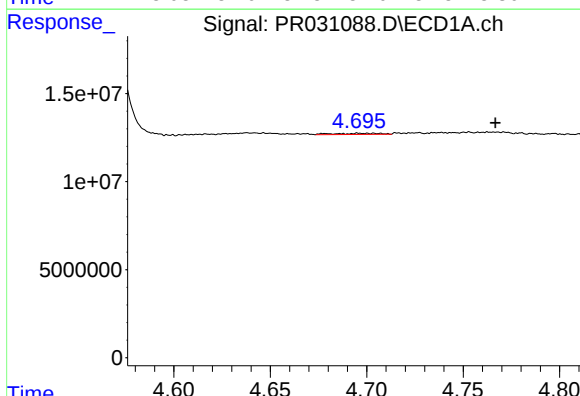
R.T.: 6.234 min
Delta R.T.: 0.036 min
Response: 1624598
Conc: 3.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



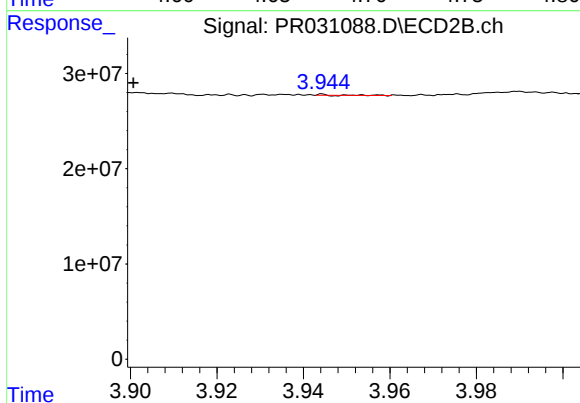
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 9042537
Conc: 8.24 ng/ml



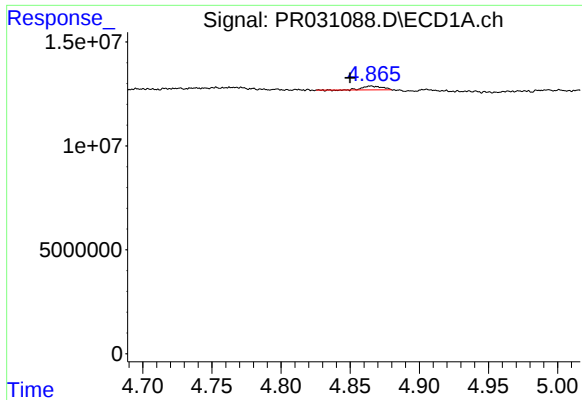
#8 AR-1221-1

R.T.: 4.704 min
Delta R.T.: -0.063 min
Response: 1071451
Conc: 5.61 ng/ml



#8 AR-1221-1

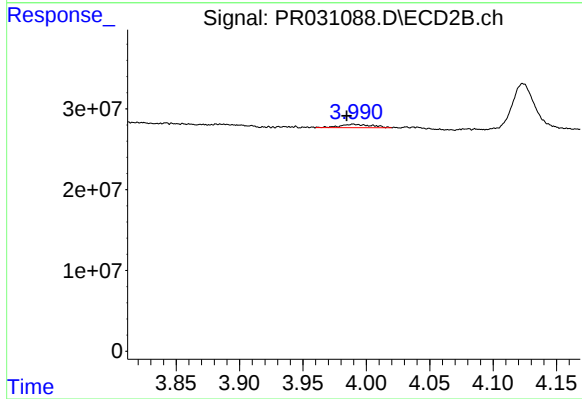
R.T.: 3.944 min
Delta R.T.: 0.043 min
Response: 183587
Conc: 0.56 ng/ml



#9 AR-1221-2

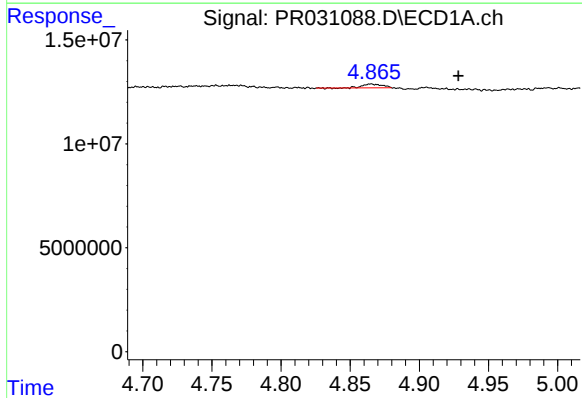
R.T.: 4.865 min
Delta R.T.: 0.015 min
Response: 1771518
Conc: 14.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



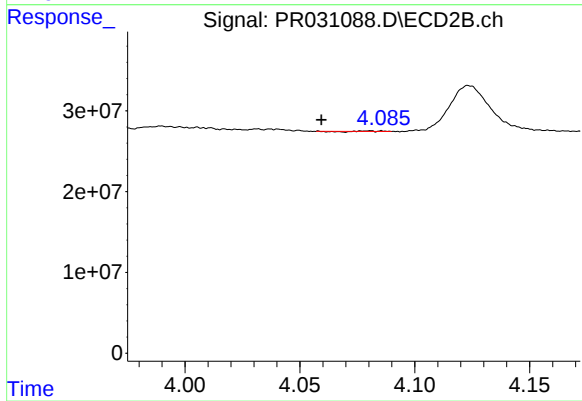
#9 AR-1221-2

R.T.: 3.990 min
Delta R.T.: 0.005 min
Response: 7003071
Conc: 29.59 ng/ml



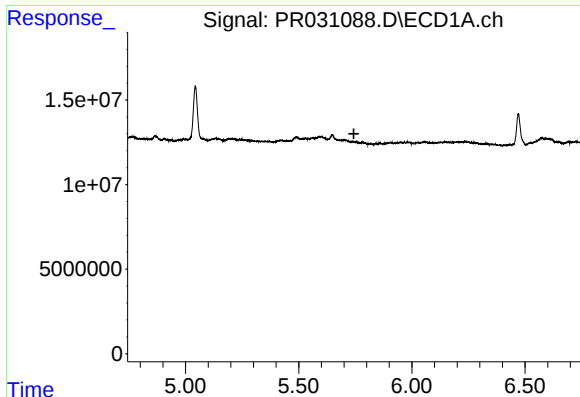
#10 AR-1221-3

R.T.: 4.865 min
Delta R.T.: -0.063 min
Response: 1771518
Conc: 3.78 ng/ml



#10 AR-1221-3

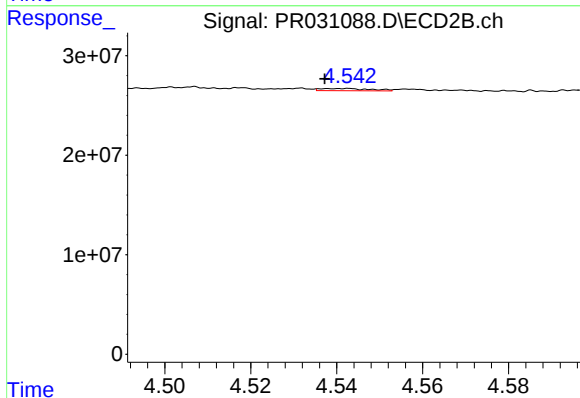
R.T.: 4.080 min
Delta R.T.: 0.021 min
Response: 70324
Conc: 0.09 ng/ml



#11 AR-1232-1

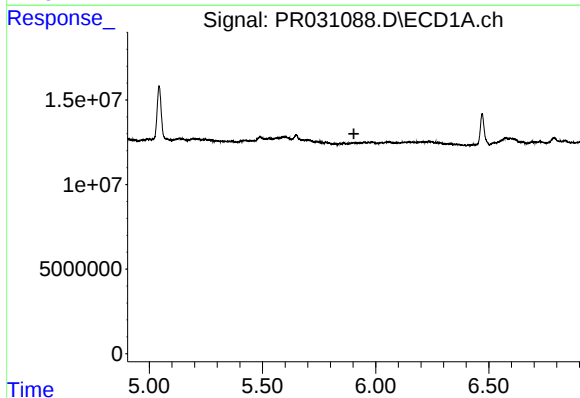
R.T.: 0.000 min
Exp R.T.: 5.744 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



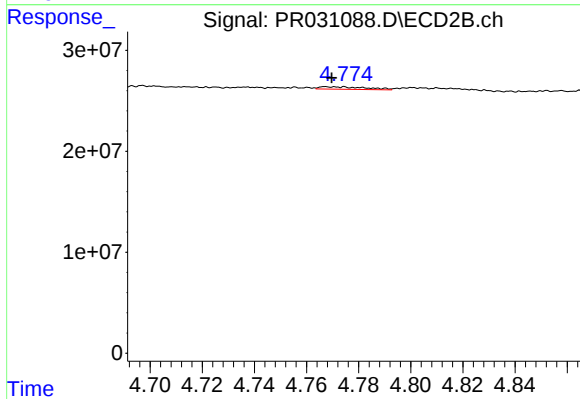
#11 AR-1232-1

R.T.: 4.542 min
Delta R.T.: 0.005 min
Response: 1853773
Conc: 5.16 ng/ml



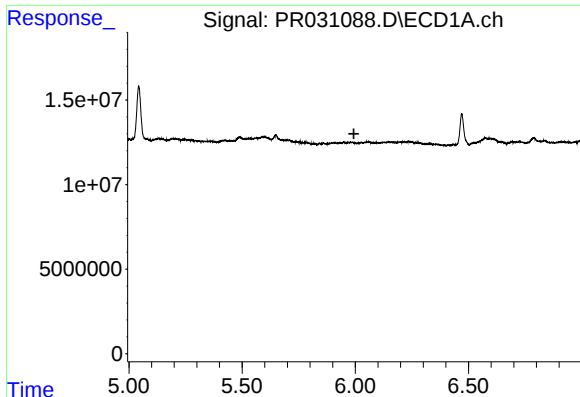
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.904 min
Response: 0
Conc: N.D.



#12 AR-1232-2

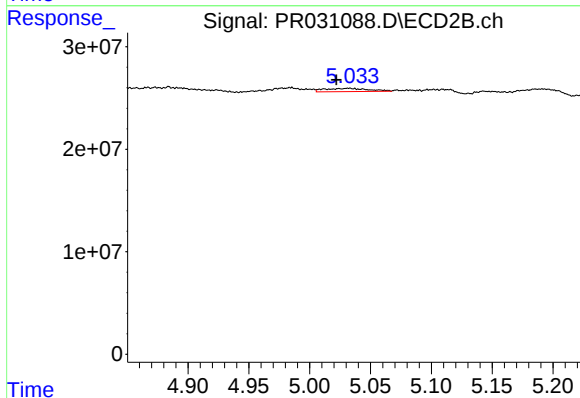
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 3047332
Conc: 3.40 ng/ml



#13 AR-1232-3

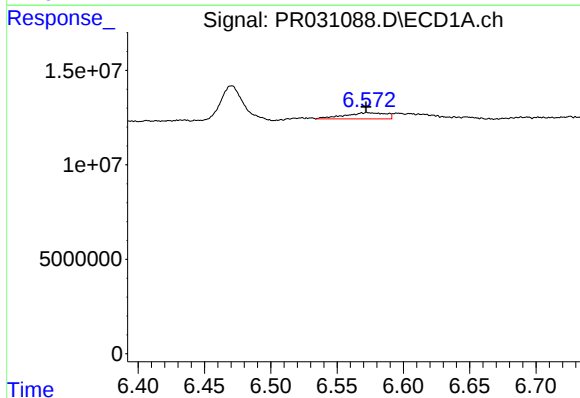
R.T.: 0.000 min
Exp R.T.: 5.994 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



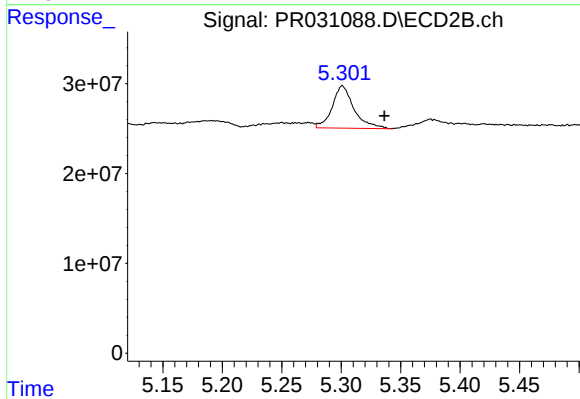
#13 AR-1232-3

R.T.: 5.032 min
Delta R.T.: 0.010 min
Response: 8256105
Conc: 18.86 ng/ml



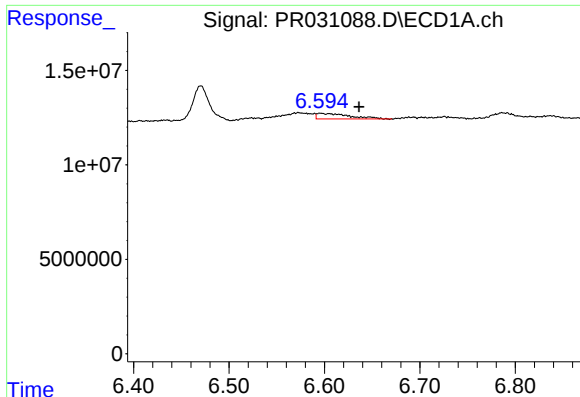
#14 AR-1232-4

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 7063066
Conc: 36.19 ng/ml



#14 AR-1232-4

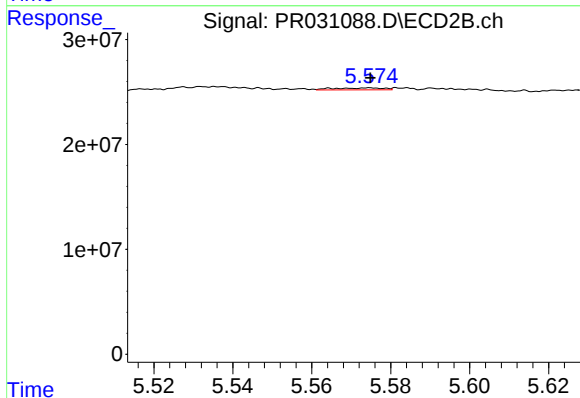
R.T.: 5.301 min
Delta R.T.: -0.035 min
Response: 60085455
Conc: 163.26 ng/ml



#15 AR-1232-5

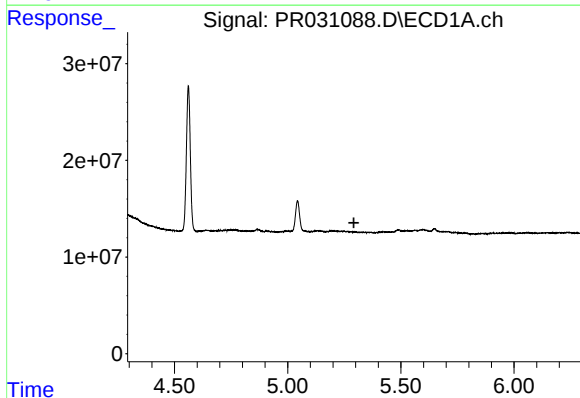
R.T.: 6.596 min
Delta R.T.: -0.040 min
Response: 6781457
Conc: 25.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



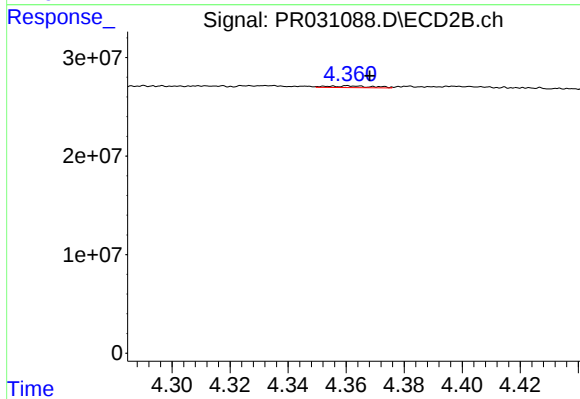
#15 AR-1232-5

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 1659860
Conc: 3.05 ng/ml



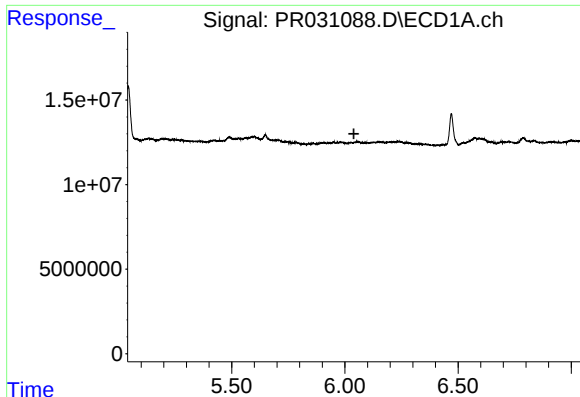
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.292 min
Response: 0
Conc: N.D.



#16 AR-1242-1

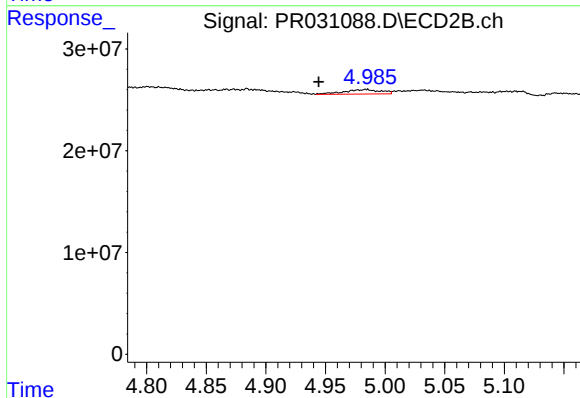
R.T.: 4.361 min
Delta R.T.: -0.007 min
Response: 1788579
Conc: 4.74 ng/ml



#17 AR-1242-2

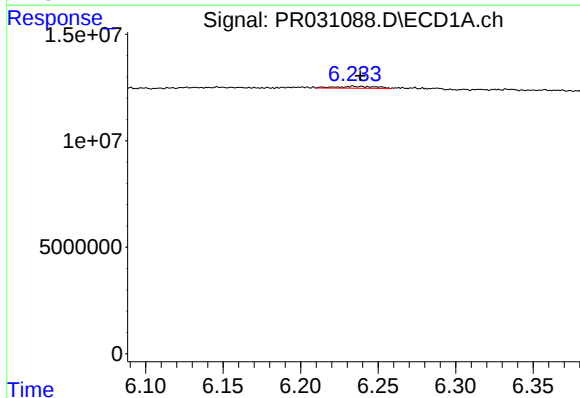
R.T.: 0.000 min
Exp R.T.: 6.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



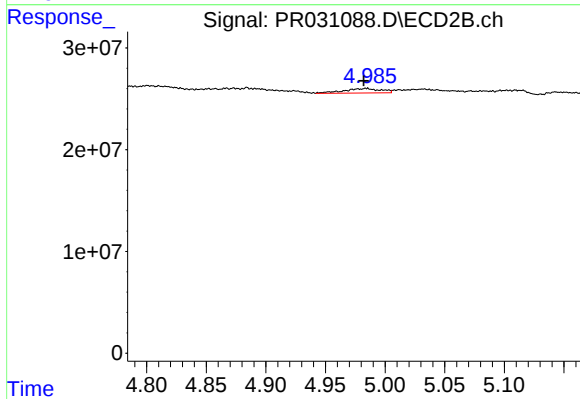
#17 AR-1242-2

R.T.: 4.977 min
Delta R.T.: 0.033 min
Response: 9494017
Conc: 12.36 ng/ml



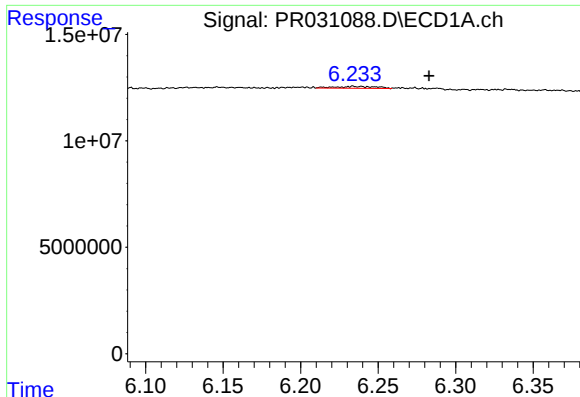
#18 AR-1242-3

R.T.: 6.234 min
Delta R.T.: -0.005 min
Response: 1624598
Conc: 8.81 ng/ml



#18 AR-1242-3

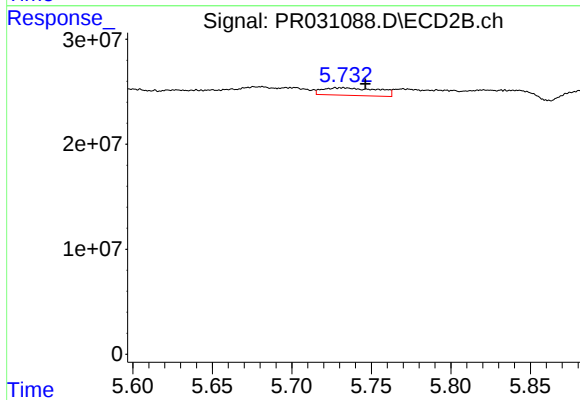
R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 9494017
Conc: 14.41 ng/ml



#19 AR-1242-4

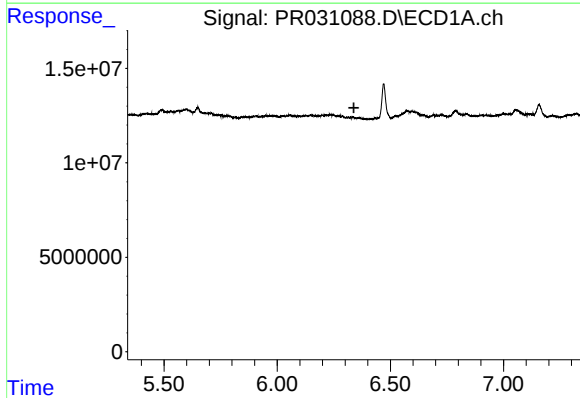
R.T.: 6.234 min
Delta R.T.: -0.049 min
Response: 1624598
Conc: 12.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



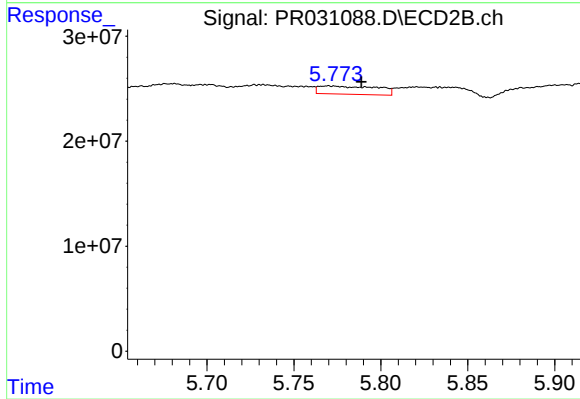
#19 AR-1242-4

R.T.: 5.732 min
Delta R.T.: -0.014 min
Response: 17668306
Conc: 17.72 ng/ml



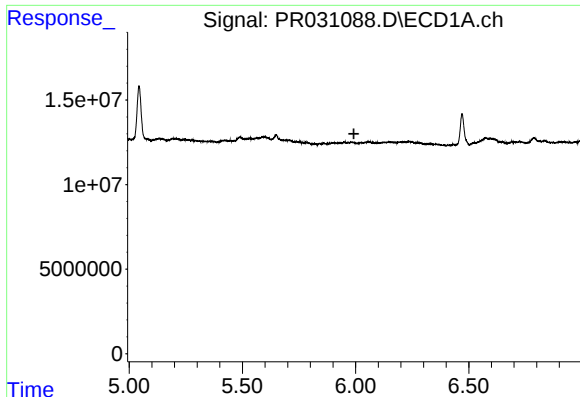
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.339 min
Response: 0
Conc: N.D.



#20 AR-1242-5

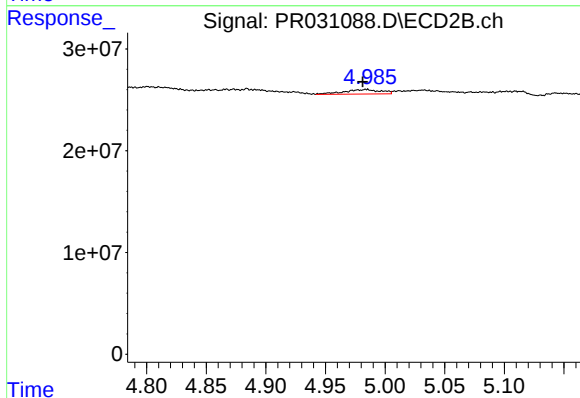
R.T.: 5.770 min
Delta R.T.: -0.019 min
Response: 18289804
Conc: 26.96 ng/ml



#21 AR-1248-1

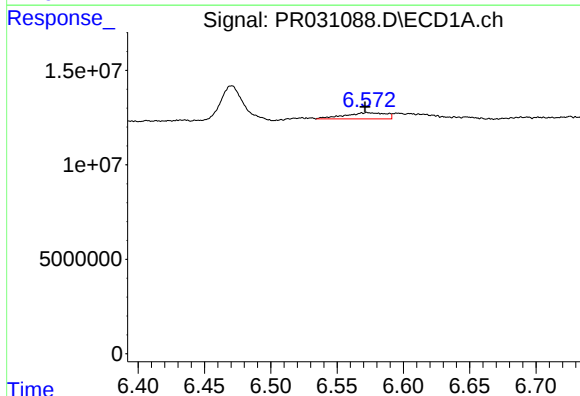
R.T.: 0.000 min
Exp R.T.: 5.993 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



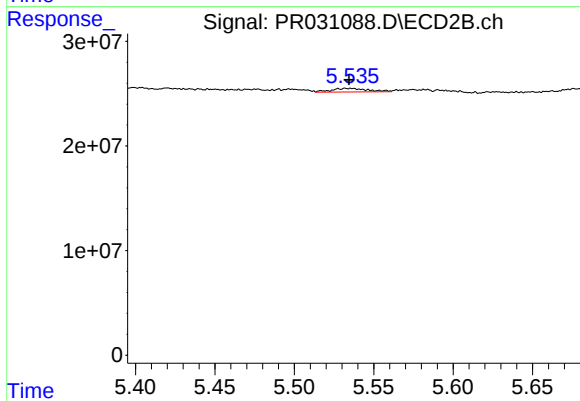
#21 AR-1248-1

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 9494017
Conc: 6.65 ng/ml



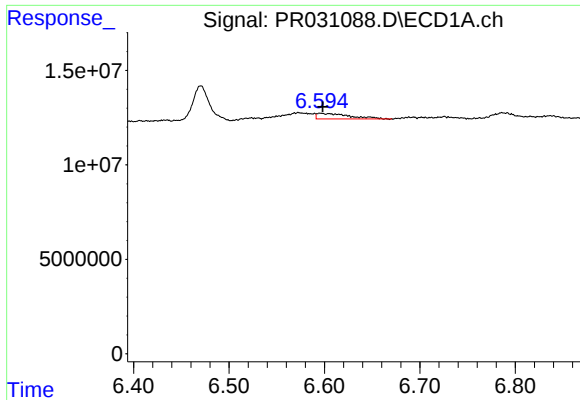
#22 AR-1248-2

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 7063066
Conc: 9.23 ng/ml



#22 AR-1248-2

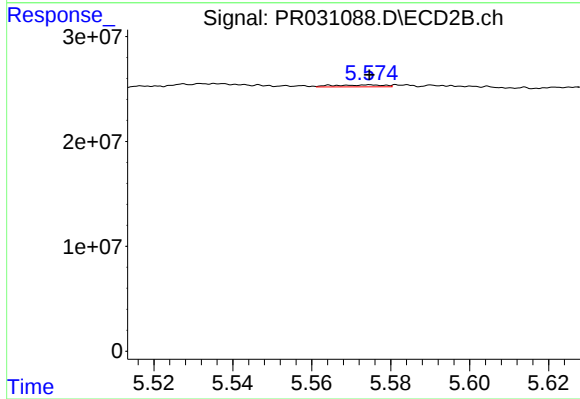
R.T.: 5.536 min
Delta R.T.: 0.001 min
Response: 5432217
Conc: 1.79 ng/ml



#23 AR-1248-3

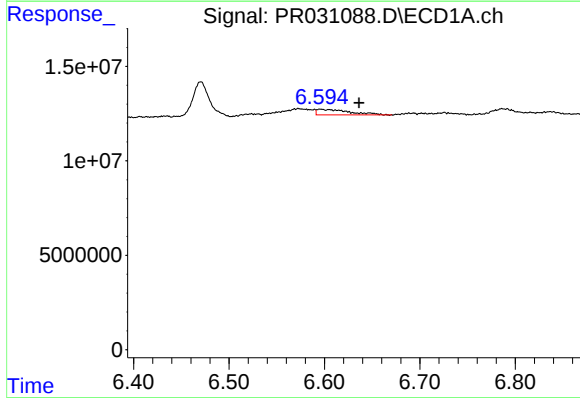
R.T.: 6.596 min
Delta R.T.: -0.002 min
Response: 6781457
Conc: 6.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



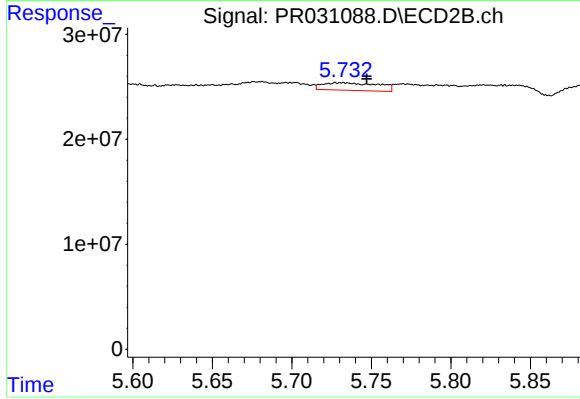
#23 AR-1248-3

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 1659860
Conc: 0.76 ng/ml



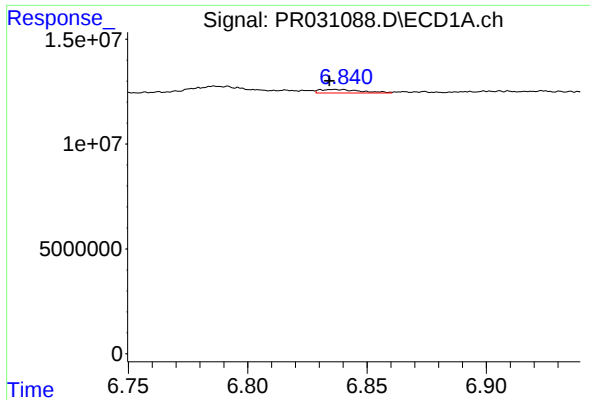
#24 AR-1248-4

R.T.: 6.596 min
Delta R.T.: -0.040 min
Response: 6781457
Conc: 6.85 ng/ml



#24 AR-1248-4

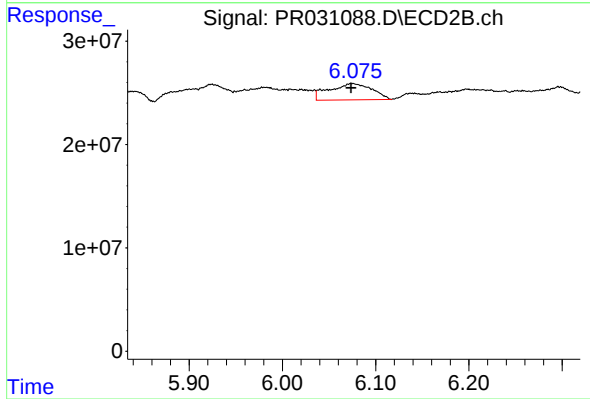
R.T.: 5.732 min
Delta R.T.: -0.015 min
Response: 17668306
Conc: 8.97 ng/ml



#25 AR-1248-5

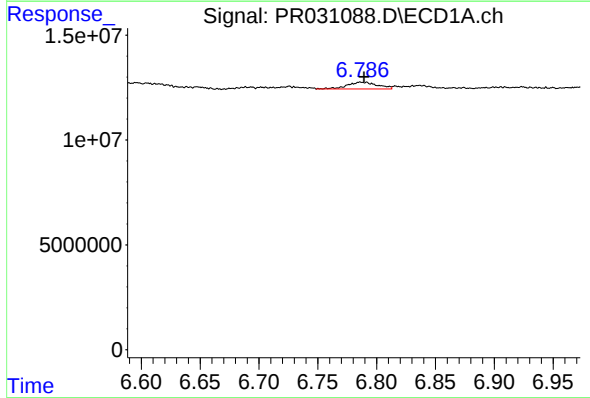
R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 1962319
Conc: 2.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



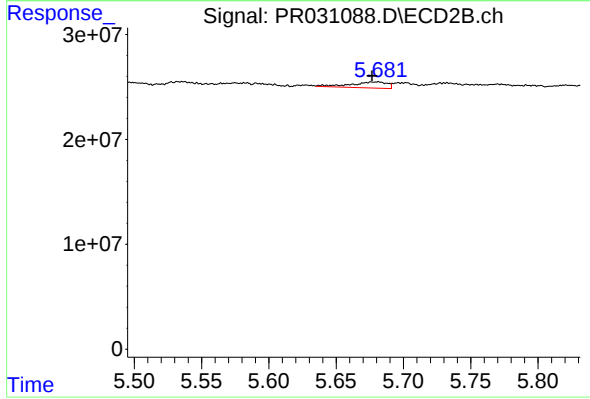
#25 AR-1248-5

R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 50199389
Conc: 32.45 ng/ml



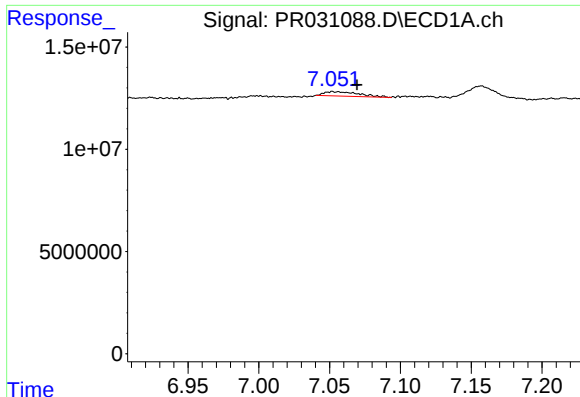
#26 AR-1254-1

R.T.: 6.786 min
Delta R.T.: -0.003 min
Response: 5794626
Conc: 3.81 ng/ml



#26 AR-1254-1

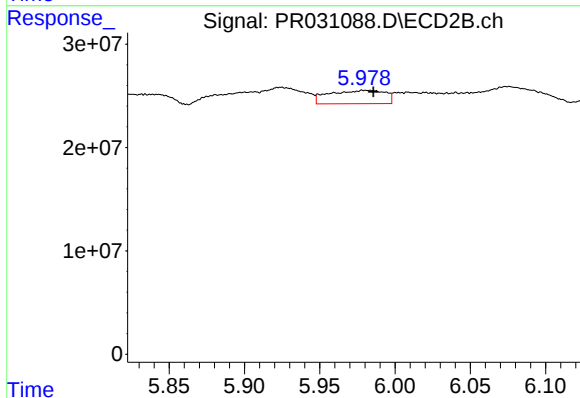
R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 10836921
Conc: 4.03 ng/ml



#27 AR-1254-2

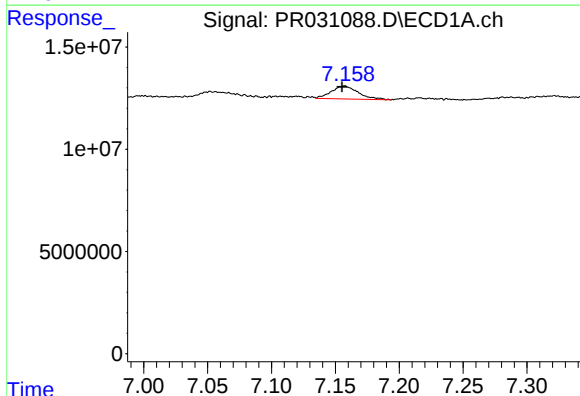
R.T.: 7.052 min
Delta R.T.: -0.017 min
Response: 3694361
Conc: 3.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



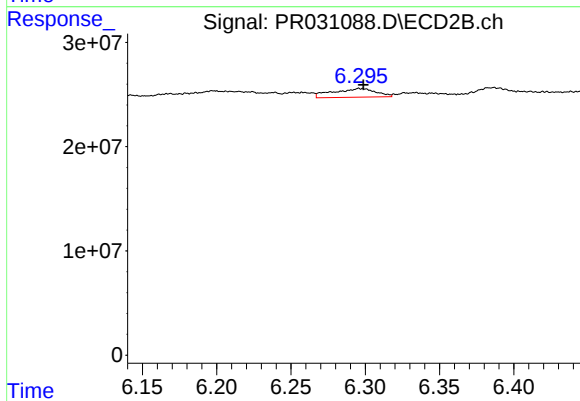
#27 AR-1254-2

R.T.: 5.980 min
Delta R.T.: -0.006 min
Response: 33319129
Conc: 14.93 ng/ml



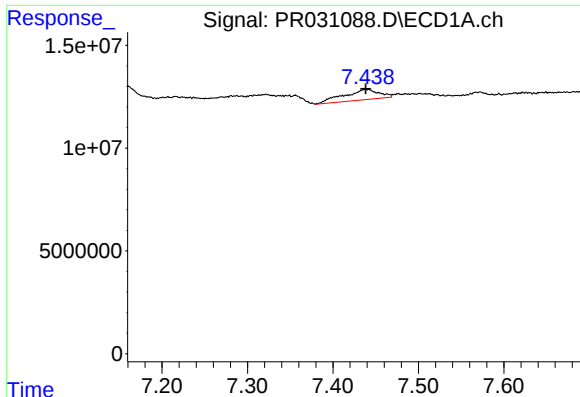
#28 AR-1254-3

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 9414302
Conc: 5.51 ng/ml



#28 AR-1254-3

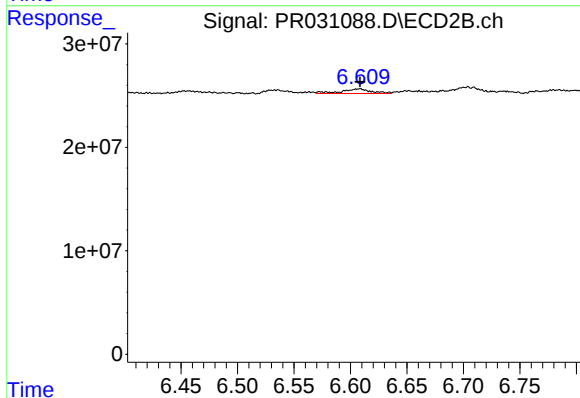
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 16828257
Conc: 4.74 ng/ml



#29 AR-1254-4

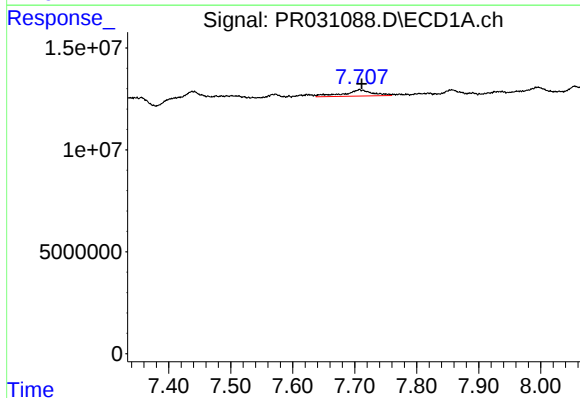
R.T.: 7.442 min
Delta R.T.: 0.003 min
Response: 14555737
Conc: 9.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



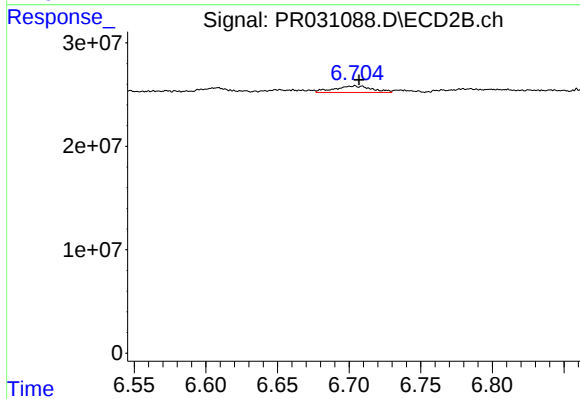
#29 AR-1254-4

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 8201806
Conc: 4.43 ng/ml



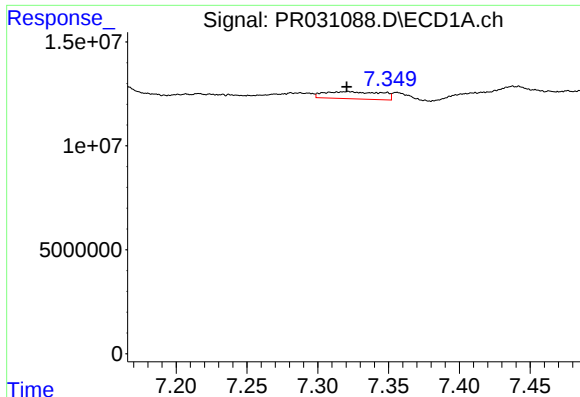
#30 AR-1254-5

R.T.: 7.708 min
Delta R.T.: -0.004 min
Response: 10026530
Conc: 9.32 ng/ml



#30 AR-1254-5

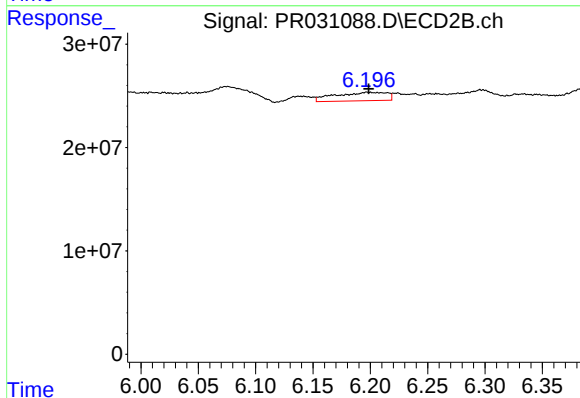
R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 11414877
Conc: 3.30 ng/ml



#31 AR-1260-1

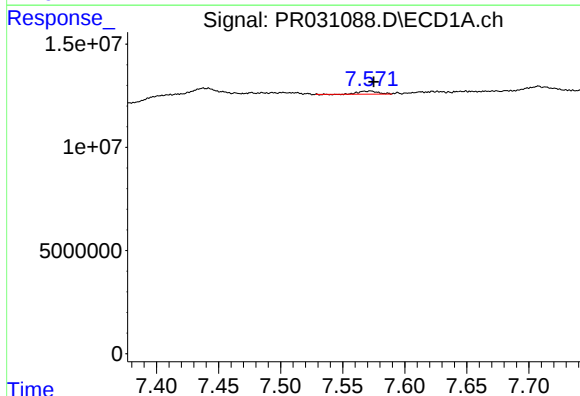
R.T.: 7.322 min
Delta R.T.: 0.001 min
Response: 9729736
Conc: 8.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



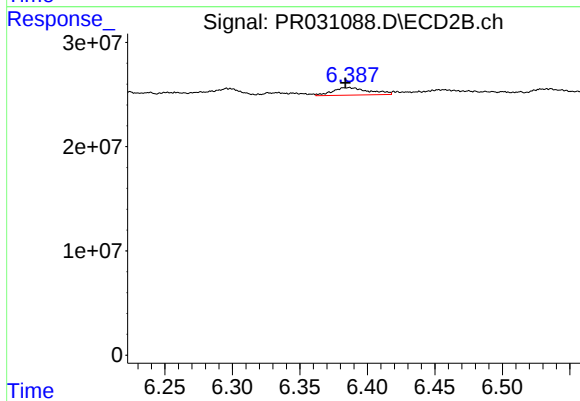
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 25695034
Conc: 9.75 ng/ml



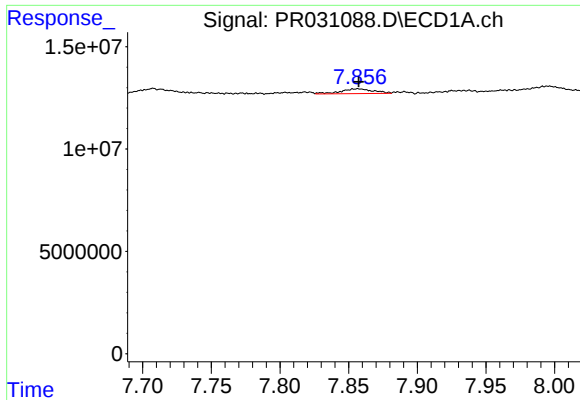
#32 AR-1260-2

R.T.: 7.572 min
Delta R.T.: -0.003 min
Response: 1546647
Conc: 0.92 ng/ml



#32 AR-1260-2

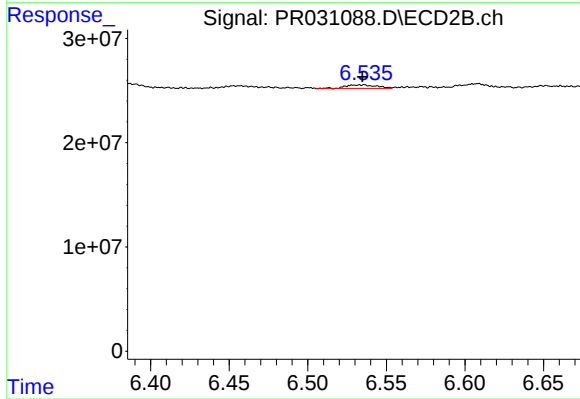
R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 13443121
Conc: 4.10 ng/ml



#33 AR-1260-3

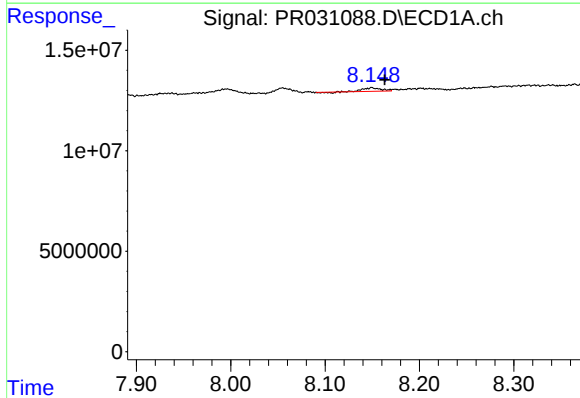
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 3877011
Conc: 2.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



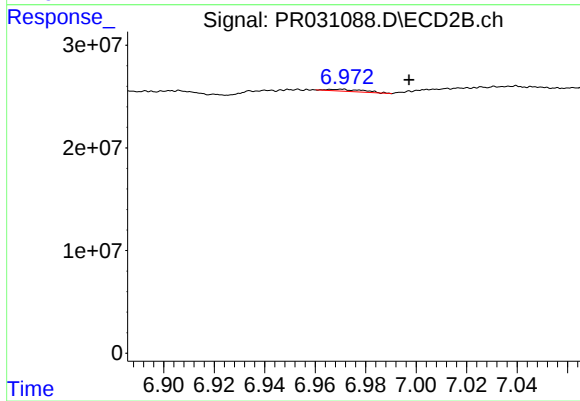
#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 4598211
Conc: 1.69 ng/ml



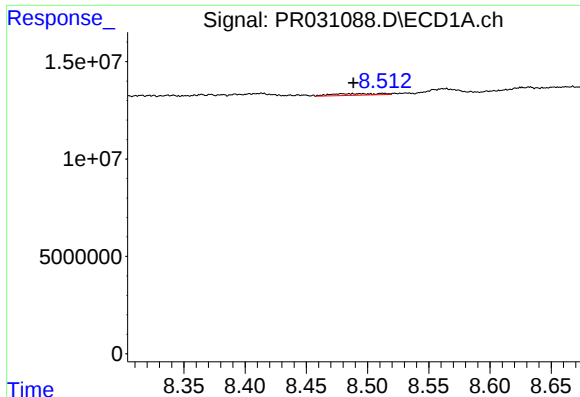
#34 AR-1260-4

R.T.: 8.150 min
Delta R.T.: -0.014 min
Response: 2390653
Conc: 1.71 ng/ml



#34 AR-1260-4

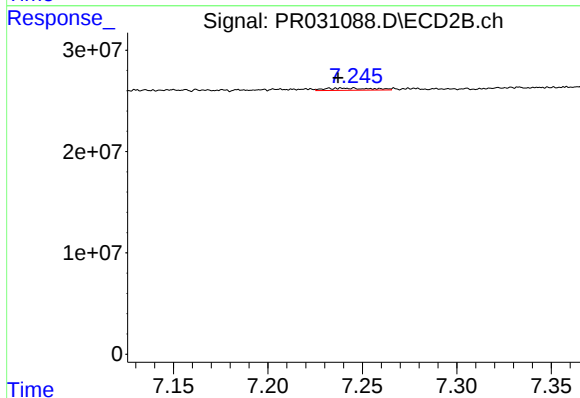
R.T.: 6.970 min
Delta R.T.: -0.027 min
Response: 2050607
Conc: 1.19 ng/ml



#35 AR-1260-5

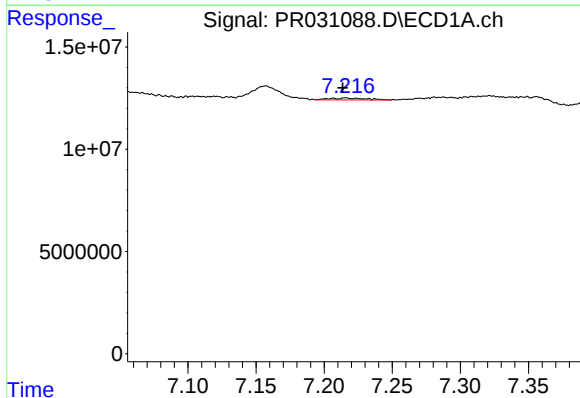
R.T.: 8.512 min
Delta R.T.: 0.024 min
Response: 2313173
Conc: 0.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



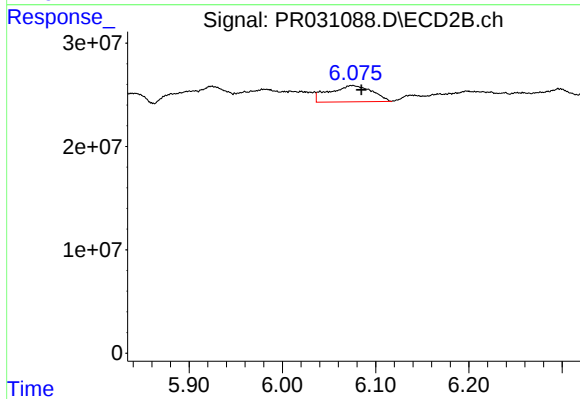
#35 AR-1260-5

R.T.: 7.239 min
Delta R.T.: 0.002 min
Response: 3882978
Conc: 1.05 ng/ml



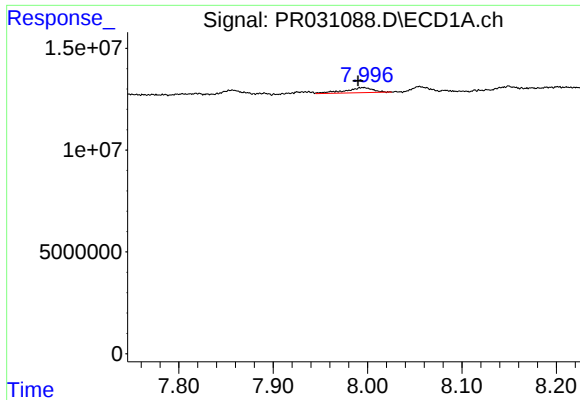
#36 AR-1262-1

R.T.: 7.216 min
Delta R.T.: 0.002 min
Response: 1781677
Conc: 1.97 ng/ml



#36 AR-1262-1

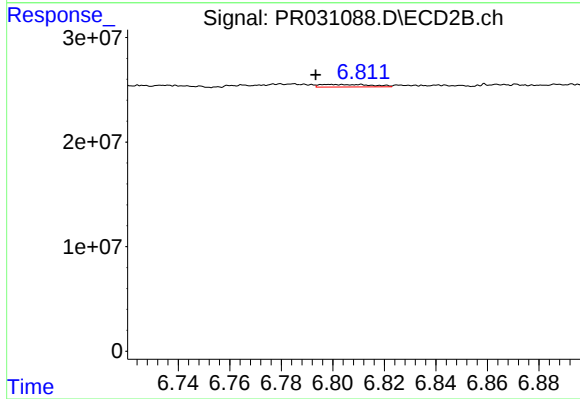
R.T.: 6.075 min
Delta R.T.: -0.010 min
Response: 50199389
Conc: 26.12 ng/ml



#37 AR-1262-2

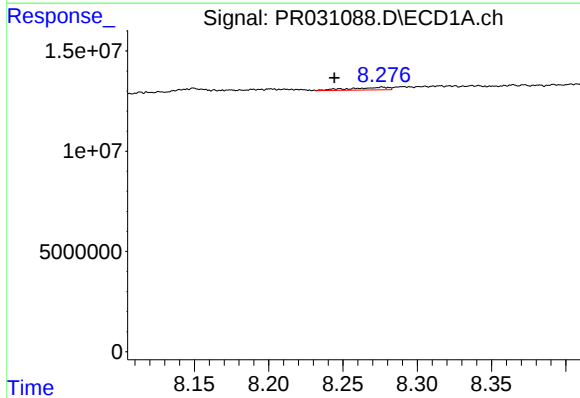
R.T.: 7.996 min
Delta R.T.: 0.006 min
Response: 5303476
Conc: 5.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



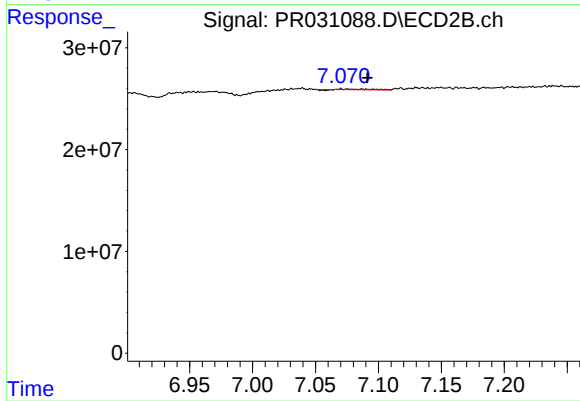
#37 AR-1262-2

R.T.: 6.803 min
Delta R.T.: 0.010 min
Response: 3395541
Conc: 1.94 ng/ml



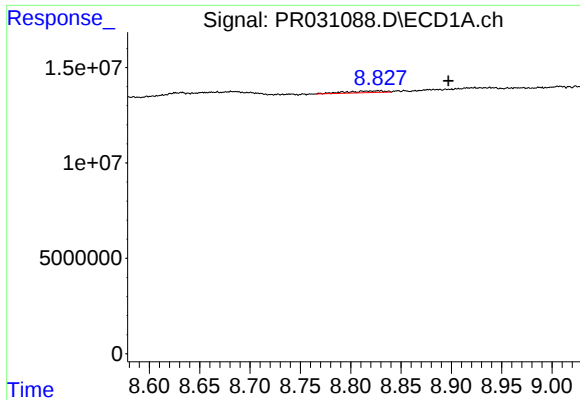
#38 AR-1262-3

R.T.: 8.276 min
Delta R.T.: 0.032 min
Response: 2353782
Conc: 2.96 ng/ml



#38 AR-1262-3

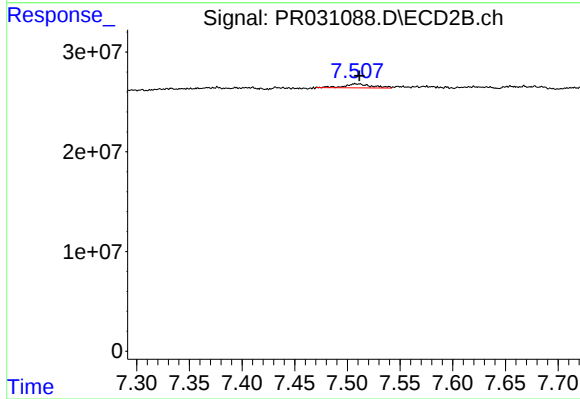
R.T.: 7.070 min
Delta R.T.: -0.021 min
Response: 859065
Conc: 0.64 ng/ml



#39 AR-1262-4

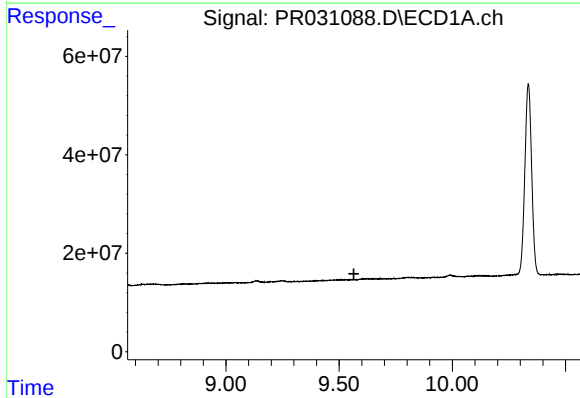
R.T.: 8.827 min
Delta R.T.: -0.070 min
Response: 2462332
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



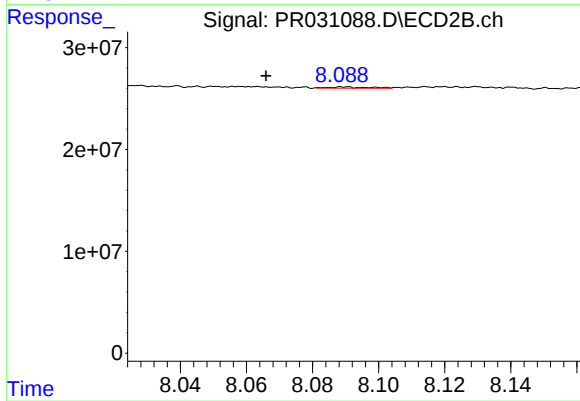
#39 AR-1262-4

R.T.: 7.507 min
Delta R.T.: -0.004 min
Response: 6981543
Conc: 3.44 ng/ml



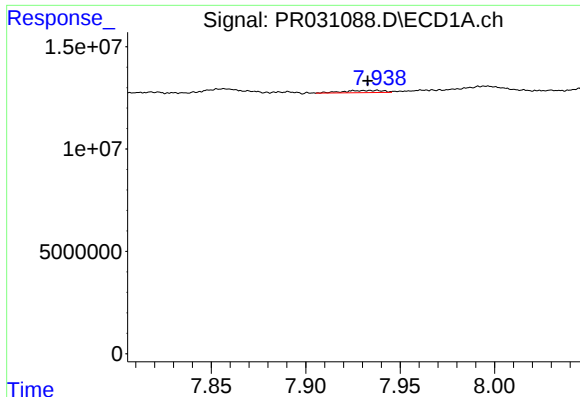
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.565 min
Response: 0
Conc: N.D.



#40 AR-1262-5

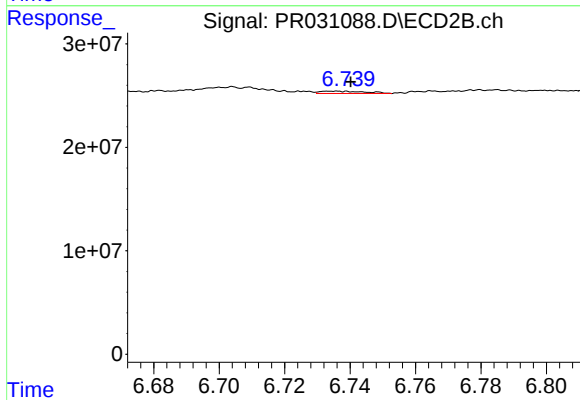
R.T.: 8.090 min
Delta R.T.: 0.024 min
Response: 1032018
Conc: 0.75 ng/ml



#41 AR-1268-1

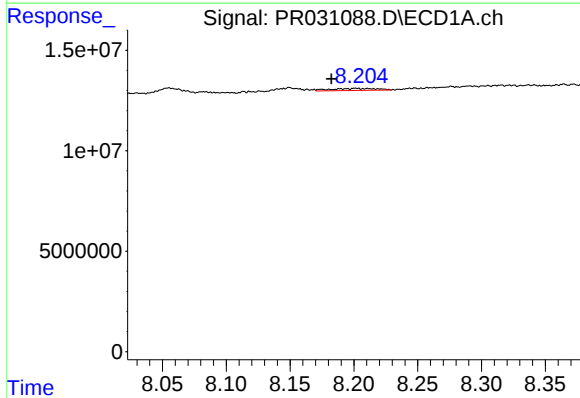
R.T.: 7.938 min
Delta R.T.: 0.005 min
Response: 1547127
Conc: 1.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



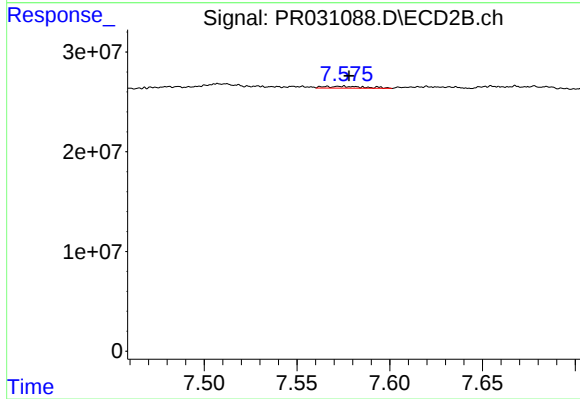
#41 AR-1268-1

R.T.: 6.735 min
Delta R.T.: -0.006 min
Response: 2078201
Conc: 1.27 ng/ml



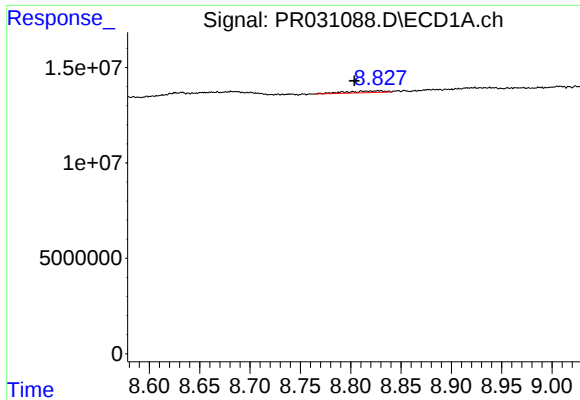
#42 AR-1268-2

R.T.: 8.202 min
Delta R.T.: 0.019 min
Response: 2564829
Conc: 2.00 ng/ml



#42 AR-1268-2

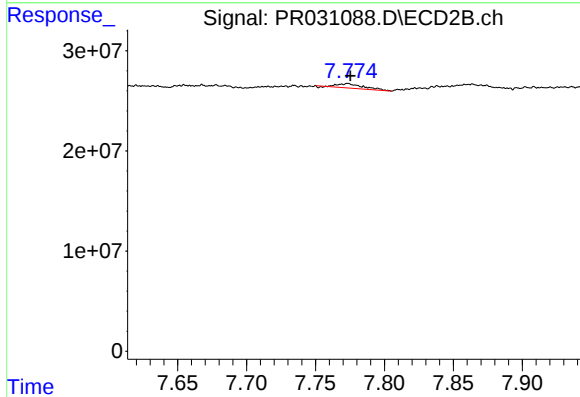
R.T.: 7.566 min
Delta R.T.: -0.012 min
Response: 2936568
Conc: 0.68 ng/ml



#43 AR-1268-3

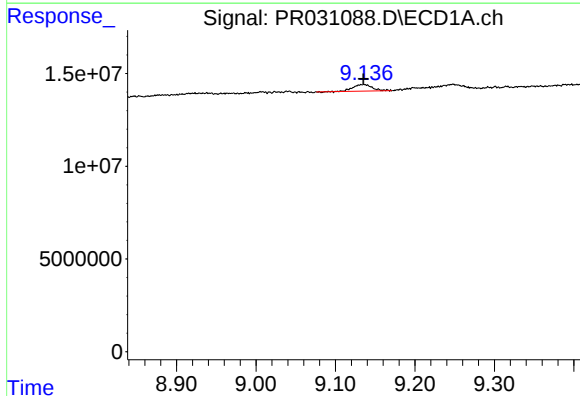
R.T.: 8.827 min
Delta R.T.: 0.024 min
Response: 2462332
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



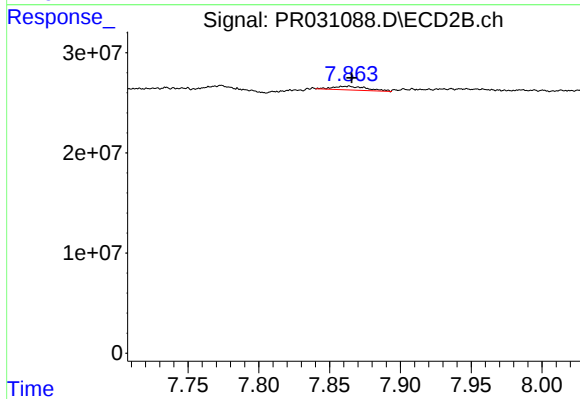
#43 AR-1268-3

R.T.: 7.774 min
Delta R.T.: -0.002 min
Response: 5542335
Conc: 1.57 ng/ml



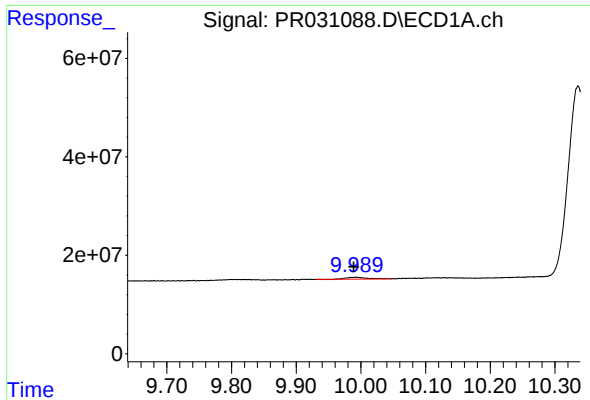
#44 AR-1268-4

R.T.: 9.135 min
Delta R.T.: 0.000 min
Response: 5777781
Conc: 1.24 ng/ml



#44 AR-1268-4

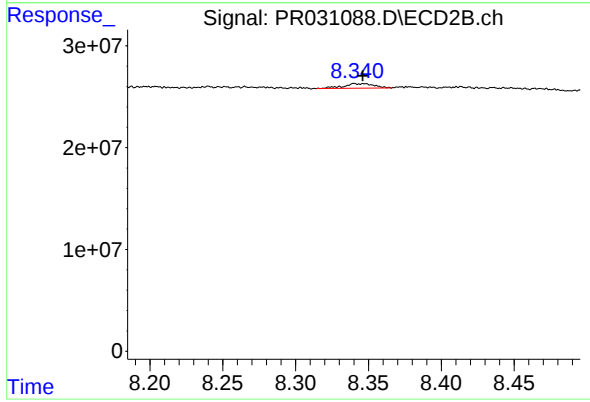
R.T.: 7.864 min
Delta R.T.: -0.002 min
Response: 6361802
Conc: 6.32 ng/ml



#45 AR-1268-5

R.T.: 9.992 min
Delta R.T.: 0.003 min
Response: 8561731
Conc: 0.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.341 min
Delta R.T.: -0.005 min
Response: 6460258
Conc: 0.75 ng/ml