

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083018\
 Data File : PR031700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2018 05:13
 Operator : SM\SJ
 Sample : J4700-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 08:46:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 07:21:10 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...	4.531	3.670	221.6E6	448.0E6	16.260	18.019
2)	SA Decachlor...	10.276	8.522	415.1E6	320.9E6	16.716	20.123
Target Compounds							
3)	L1 AR-1016-1	5.238	4.311	22762560	48687316	60.926	62.006
4)	L1 AR-1016-2	5.427	4.719	2839086	42365233	7.614	37.473 #
5)	L1 AR-1016-3	5.658	4.719	5108540	42365233	8.347	22.385 #
6)	L1 AR-1016-4	5.777	4.790	6562526	3476575	12.649	2.976 #
7)	L1 AR-1016-5	6.142	5.152	4979103	26980254	11.244	24.844 #
8)	L2 AR-1221-1	4.729	3.833	19472910	157.9E6	119.409	490.991 #
9)	L2 AR-1221-2	4.800	3.967	32212782	30862324	260.603	122.670 #
10)	L2 AR-1221-3	4.906	4.006	76546505	24363433	198.802	32.318 #
11)	L3 AR-1232-1	5.733	4.529	8959291	56228772	24.511	160.085 #
12)	L3 AR-1232-2	5.926	4.625	4408544	75406865	26.062	653.589 #
13)	L3 AR-1232-3	6.044	4.957	4369929	40054263	92.999	106.107
14)	L3 AR-1232-4	6.346	5.311	23462688	96380670	483.959	207.198 #
15)	L3 AR-1232-5	7.250	0.000	16905645	0	512.088	N.D. #
16)	L4 AR-1242-1	5.238	4.327	22762560	28981559	144.916	86.823 #
17)	L4 AR-1242-2	5.983	4.908	27237497	22581382	91.893	30.443 #
18)	L4 AR-1242-3	6.209	5.013	10609689	50471457	68.101	196.250 #
19)	L4 AR-1242-4	6.209	5.357	10609689	9263208	89.346	37.130 #
20)	L4 AR-1242-5	6.299	5.756	5089370	13190524	13.310	22.737 #
21)	L5 AR-1248-1	5.949	4.939	5490818	16668222	10.821	15.062 #
22)	L5 AR-1248-2	6.522	5.504	7146707	38497002	13.322	16.916 #
23)	L5 AR-1248-3	6.564	5.504	8570384	38497002	11.759	24.157 #
24)	L5 AR-1248-4	6.591	5.674	11649849	90170308	16.885	62.514 #
25)	L5 AR-1248-5	6.789	6.025	7503390	96246026	15.860	92.488 #
26)	L6 AR-1254-1	6.761	5.634	37145324	125.4E6	28.051	49.222 #
27)	L6 AR-1254-2	7.009	5.950	18271990	44425654	21.997	24.364
28)	L6 AR-1254-3	7.125	6.301	4923845	30052399	3.320	9.165 #
29)	L6 AR-1254-4	7.416	6.602	29372346	26984378	24.519	18.129 #
30)	L6 AR-1254-5	7.649	6.654	32957472	13914480	38.031	6.606 #
31)	L7 AR-1260-1	7.250	6.165	16905645	82805640	16.840	36.471 #
32)	L7 AR-1260-2	7.553	6.335	18777906	71041249	14.182	25.491 #
33)	L7 AR-1260-3	7.835	6.491	7249095	8433356	4.696	3.757
34)	L7 AR-1260-4	8.089	0.000	9859129	0	8.783	N.D. #
35)	L7 AR-1260-5	8.451	7.181	23651945	13010512	9.127	4.421 #
36)	L8 AR-1262-1	7.191	6.025	9906743	96246026	16.740	67.796 #
37)	L8 AR-1262-2	7.954	6.723	2879781	15340767	4.916	14.299 #
38)	L8 AR-1262-3	8.241	0.000	9419560	0	18.183	N.D. #
39)	L8 AR-1262-4	8.857	7.432	25770190	264.2E6	16.839	227.408 #
40)	L8 AR-1262-5	9.553	0.000	6896639	0	6.138	N.D. #
41)	L9 AR-1268-1	7.910	6.680	11896575	9109321	20.528	8.785 #

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 ALS Vial : 37 Sample Multiplier: 1

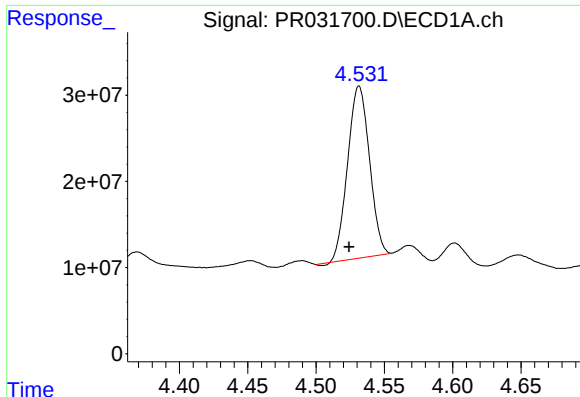
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 08:46:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.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	8.157	7.521	17144355	12220989	21.204	4.779 #
43) L9	AR-1268-3	8.734	0.000	4436629	0	1.206	N.D. #
44) L9	AR-1268-4	0.000	7.847	0	8604656	N.D.	13.307 #
45) L9	AR-1268-5	9.936	8.290	11508156	12379892	1.306	2.052 #

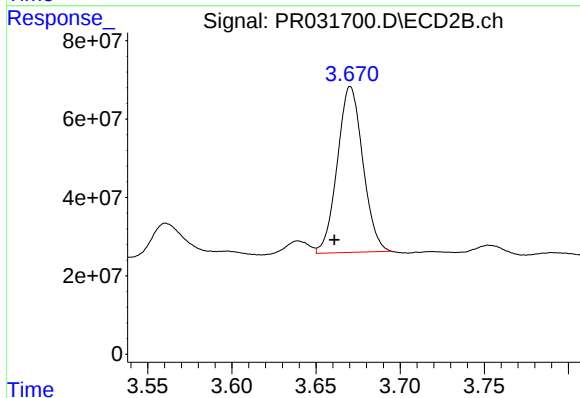
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

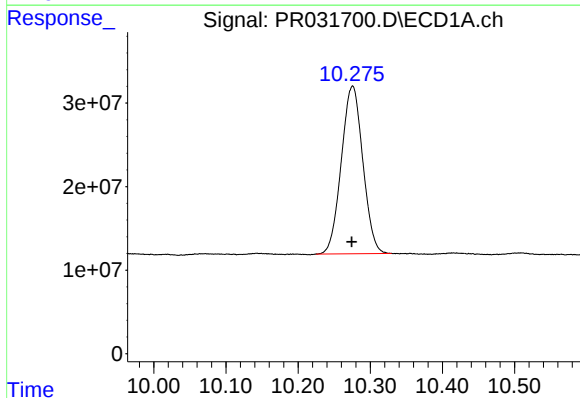
R.T.: 4.531 min
Delta R.T.: 0.007 min
Response: 221643437
Conc: 16.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



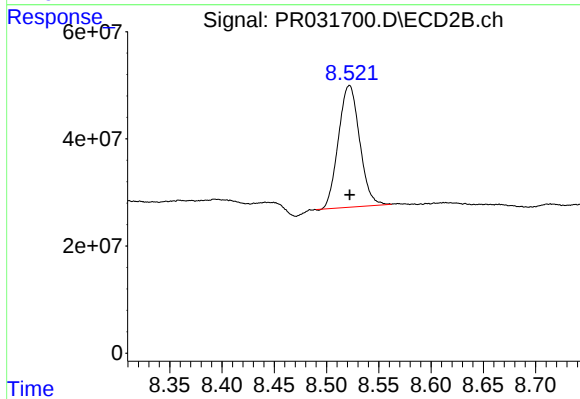
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: 0.010 min
Response: 447976623
Conc: 18.02 ng/ml



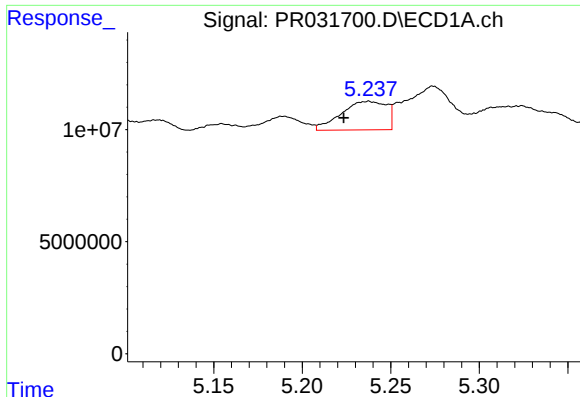
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: 0.001 min
Response: 415145460
Conc: 16.72 ng/ml



#2 Decachlorobiphenyl

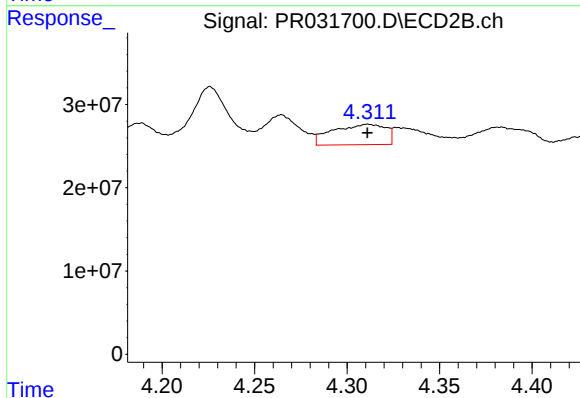
R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 320921867
Conc: 20.12 ng/ml



#3 AR-1016-1

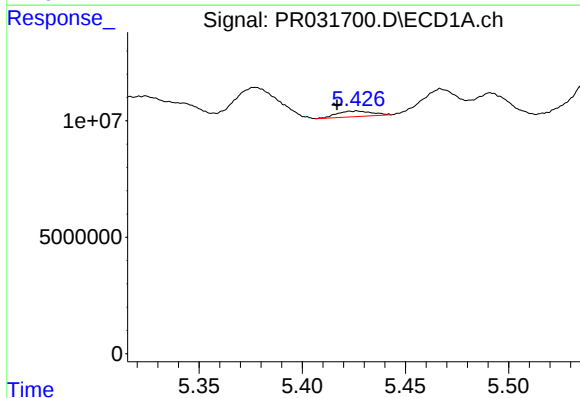
R.T.: 5.238 min
Delta R.T.: 0.014 min
Response: 22762560
Conc: 60.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



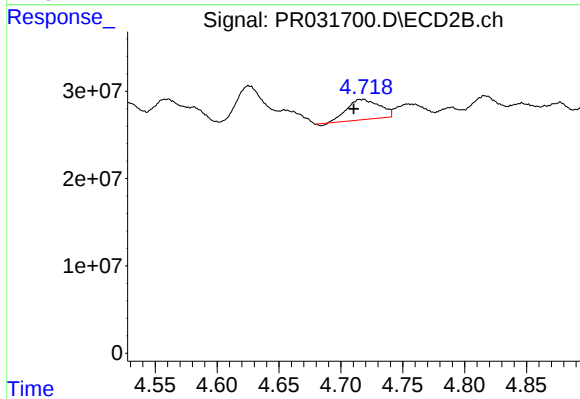
#3 AR-1016-1

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 48687316
Conc: 62.01 ng/ml



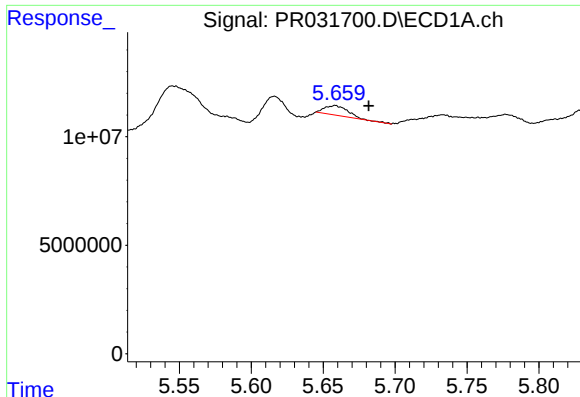
#4 AR-1016-2

R.T.: 5.427 min
Delta R.T.: 0.010 min
Response: 2839086
Conc: 7.61 ng/ml



#4 AR-1016-2

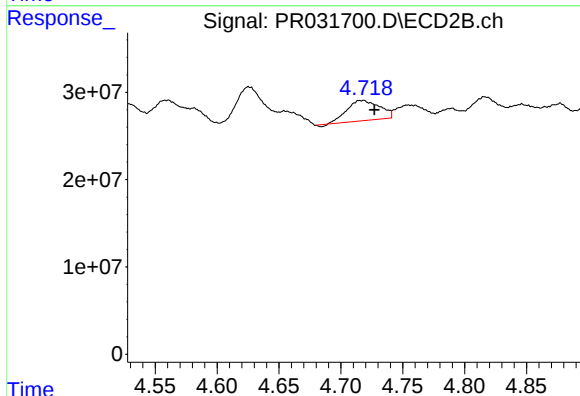
R.T.: 4.719 min
Delta R.T.: 0.008 min
Response: 42365233
Conc: 37.47 ng/ml



#5 AR-1016-3

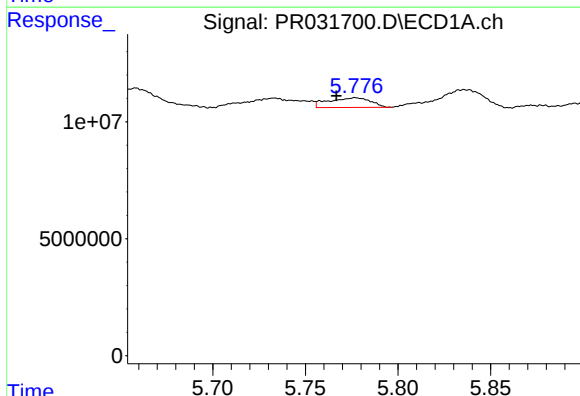
R.T.: 5.658 min
Delta R.T.: -0.023 min
Response: 5108540
Conc: 8.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



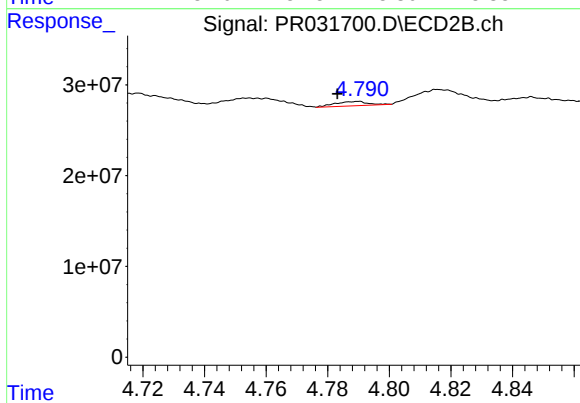
#5 AR-1016-3

R.T.: 4.719 min
Delta R.T.: -0.008 min
Response: 42365233
Conc: 22.39 ng/ml



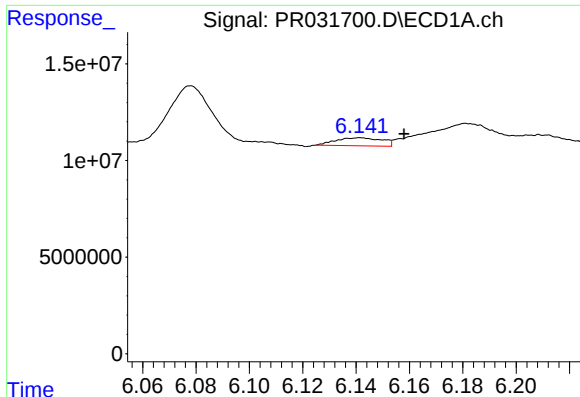
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: 0.010 min
Response: 6562526
Conc: 12.65 ng/ml



#6 AR-1016-4

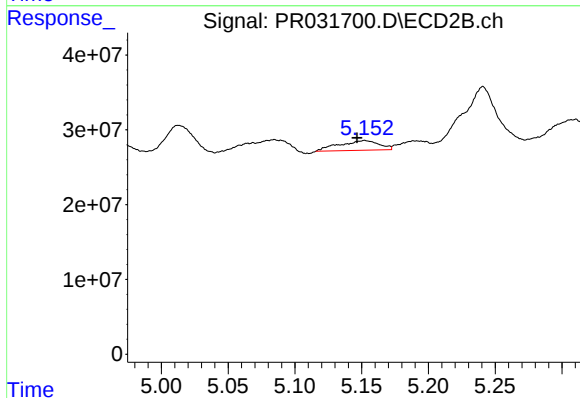
R.T.: 4.790 min
Delta R.T.: 0.007 min
Response: 3476575
Conc: 2.98 ng/ml



#7 AR-1016-5

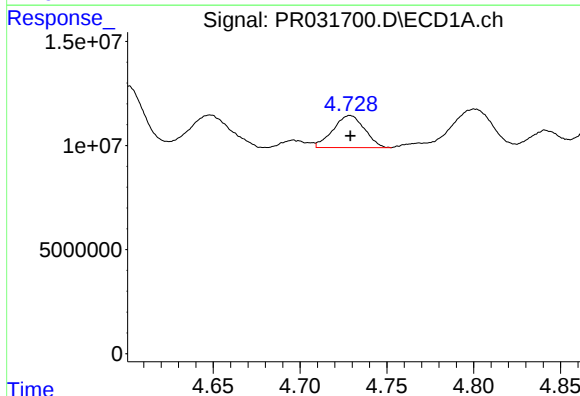
R.T.: 6.142 min
Delta R.T.: -0.016 min
Response: 4979103
Conc: 11.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



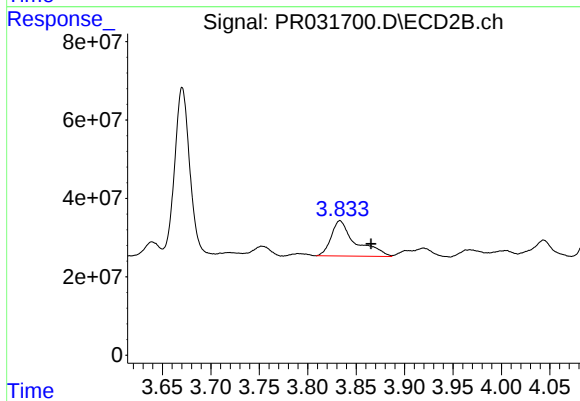
#7 AR-1016-5

R.T.: 5.152 min
Delta R.T.: 0.006 min
Response: 26980254
Conc: 24.84 ng/ml



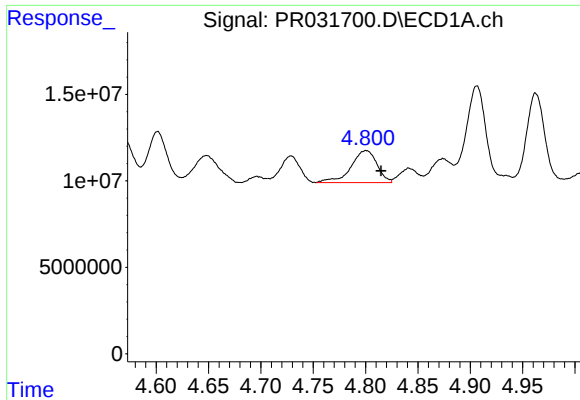
#8 AR-1221-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 19472910
Conc: 119.41 ng/ml



#8 AR-1221-1

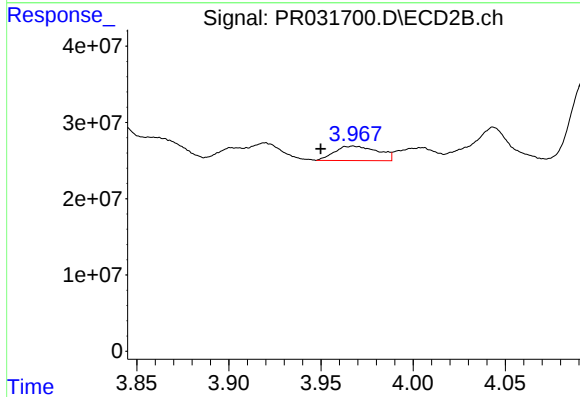
R.T.: 3.833 min
Delta R.T.: -0.032 min
Response: 157868295
Conc: 490.99 ng/ml



#9 AR-1221-2

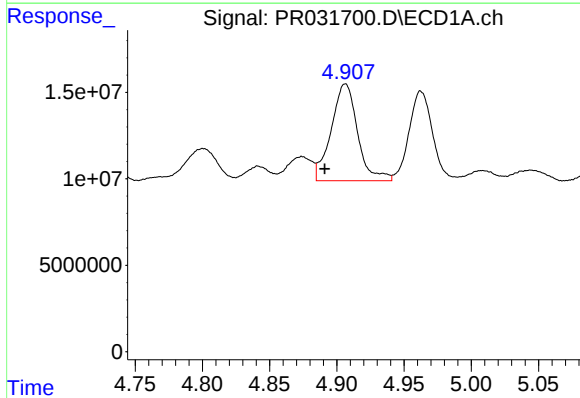
R.T.: 4.800 min
Delta R.T.: -0.014 min
Response: 32212782
Conc: 260.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



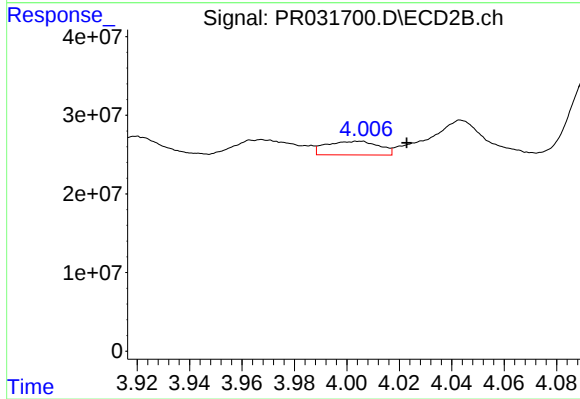
#9 AR-1221-2

R.T.: 3.967 min
Delta R.T.: 0.018 min
Response: 30862324
Conc: 122.67 ng/ml



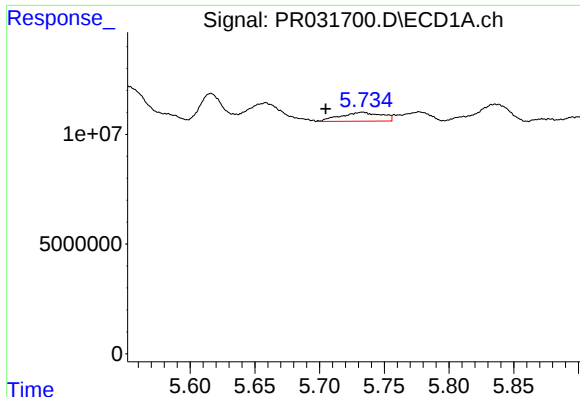
#10 AR-1221-3

R.T.: 4.906 min
Delta R.T.: 0.015 min
Response: 76546505
Conc: 198.80 ng/ml



#10 AR-1221-3

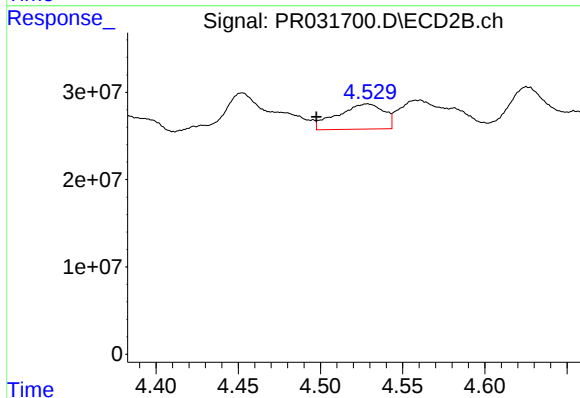
R.T.: 4.006 min
Delta R.T.: -0.017 min
Response: 24363433
Conc: 32.32 ng/ml



#11 AR-1232-1

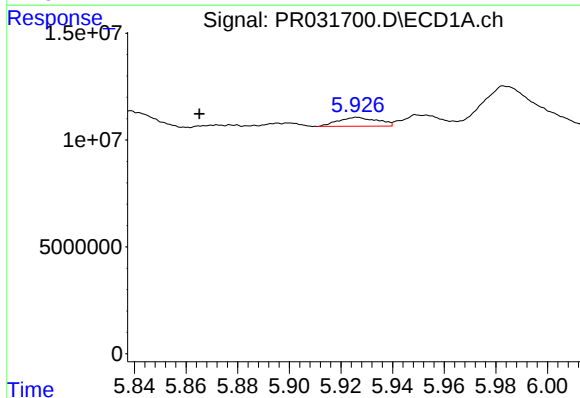
R.T.: 5.733 min
Delta R.T.: 0.029 min
Response: 8959291
Conc: 24.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



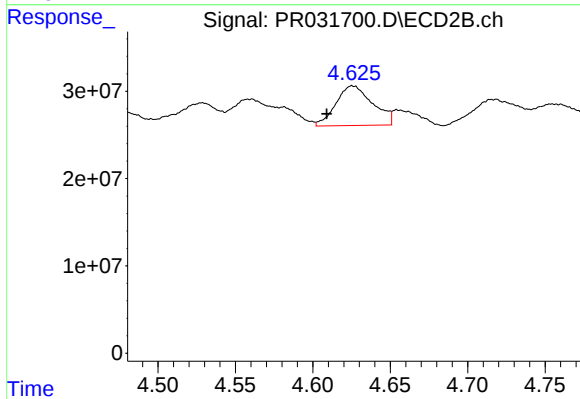
#11 AR-1232-1

R.T.: 4.529 min
Delta R.T.: 0.031 min
Response: 56228772
Conc: 160.09 ng/ml



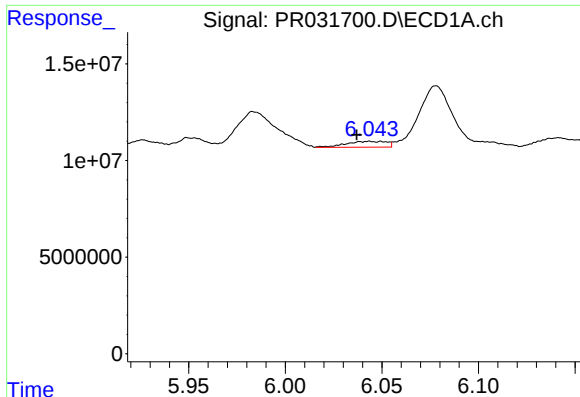
#12 AR-1232-2

R.T.: 5.926 min
Delta R.T.: 0.061 min
Response: 4408544
Conc: 26.06 ng/ml



#12 AR-1232-2

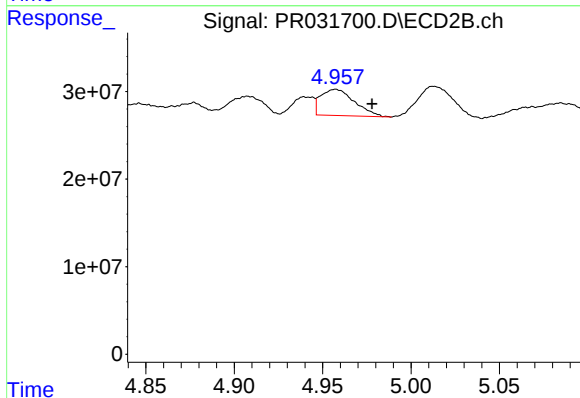
R.T.: 4.625 min
Delta R.T.: 0.016 min
Response: 75406865
Conc: 653.59 ng/ml



#13 AR-1232-3

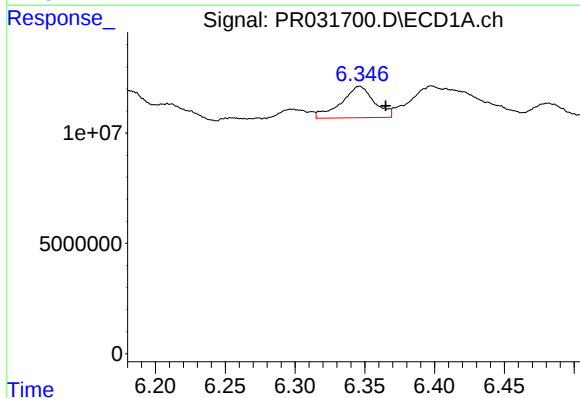
R.T.: 6.044 min
Delta R.T.: 0.007 min
Response: 4369929
Conc: 93.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



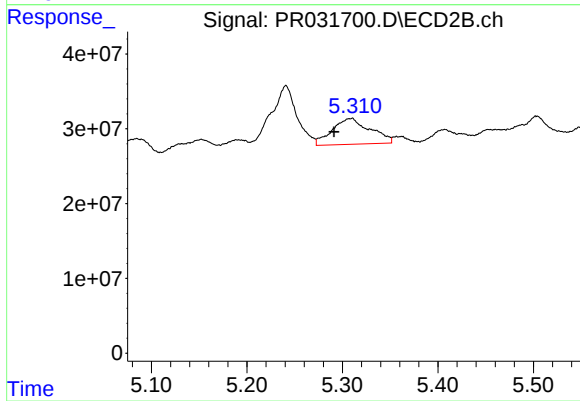
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: -0.021 min
Response: 40054263
Conc: 106.11 ng/ml



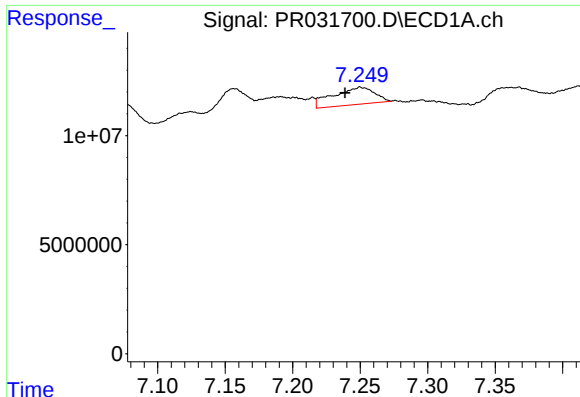
#14 AR-1232-4

R.T.: 6.346 min
Delta R.T.: -0.019 min
Response: 23462688
Conc: 483.96 ng/ml



#14 AR-1232-4

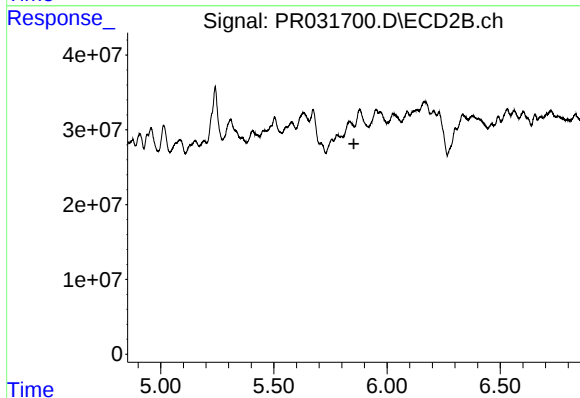
R.T.: 5.311 min
Delta R.T.: 0.019 min
Response: 96380670
Conc: 207.20 ng/ml



#15 AR-1232-5

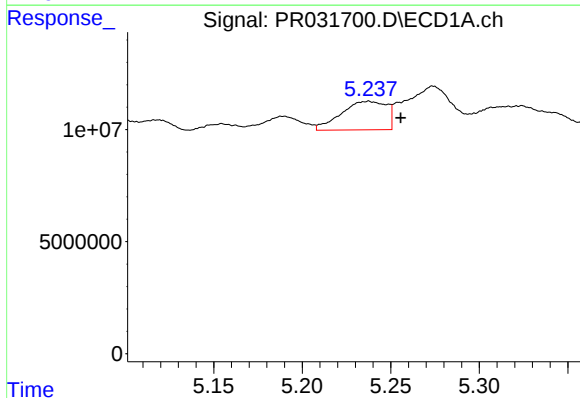
R.T.: 7.250 min
Delta R.T.: 0.011 min
Response: 16905645
Conc: 512.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



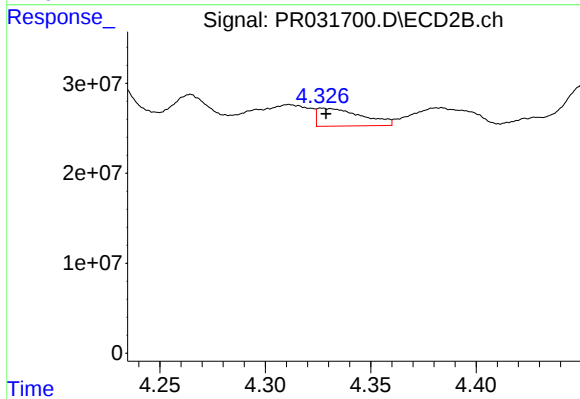
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.853 min
Response: 0
Conc: N.D.



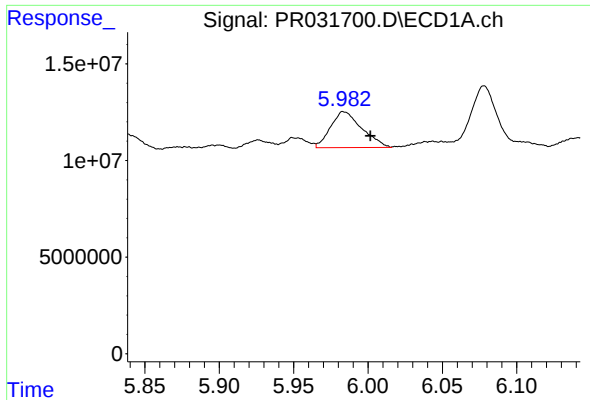
#16 AR-1242-1

R.T.: 5.238 min
Delta R.T.: -0.018 min
Response: 22762560
Conc: 144.92 ng/ml



#16 AR-1242-1

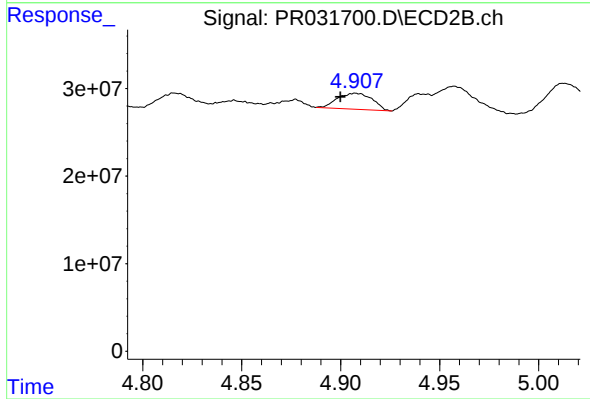
R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 28981559
Conc: 86.82 ng/ml



#17 AR-1242-2

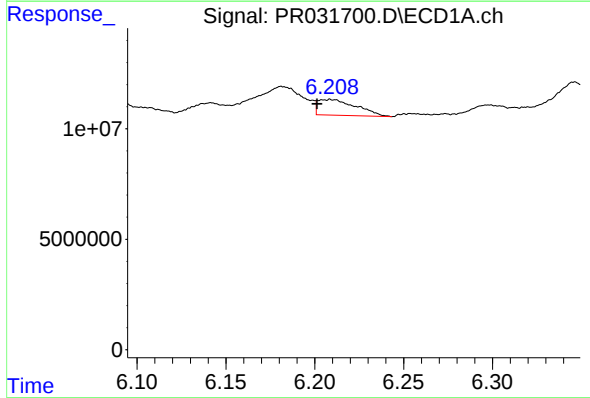
R.T.: 5.983 min
Delta R.T.: -0.019 min
Response: 27237497
Conc: 91.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



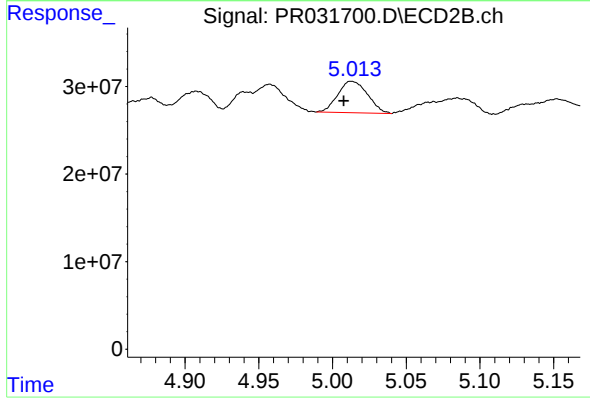
#17 AR-1242-2

R.T.: 4.908 min
Delta R.T.: 0.008 min
Response: 22581382
Conc: 30.44 ng/ml



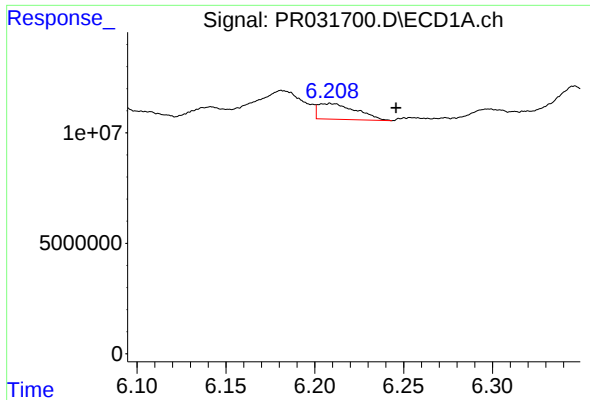
#18 AR-1242-3

R.T.: 6.209 min
Delta R.T.: 0.007 min
Response: 10609689
Conc: 68.10 ng/ml



#18 AR-1242-3

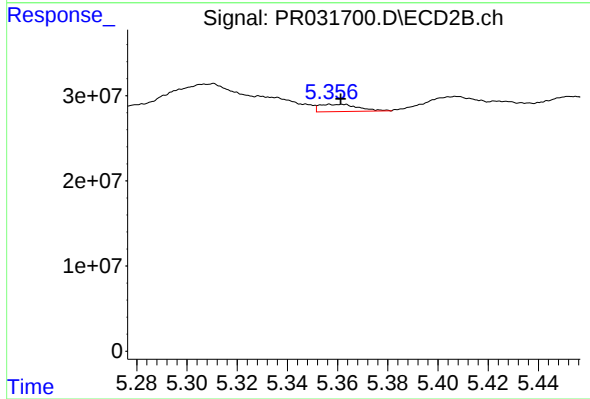
R.T.: 5.013 min
Delta R.T.: 0.005 min
Response: 50471457
Conc: 196.25 ng/ml



#19 AR-1242-4

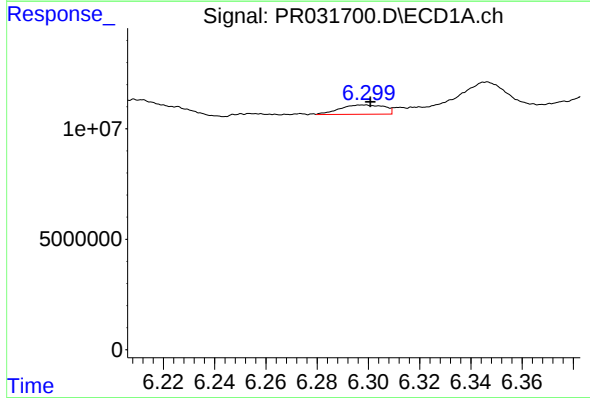
R.T.: 6.209 min
Delta R.T.: -0.037 min
Response: 10609689
Conc: 89.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



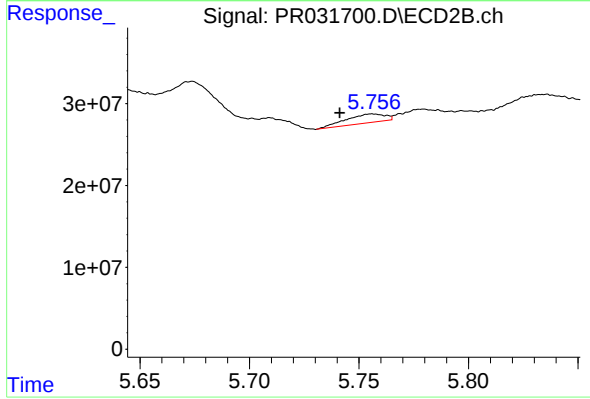
#19 AR-1242-4

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 9263208
Conc: 37.13 ng/ml



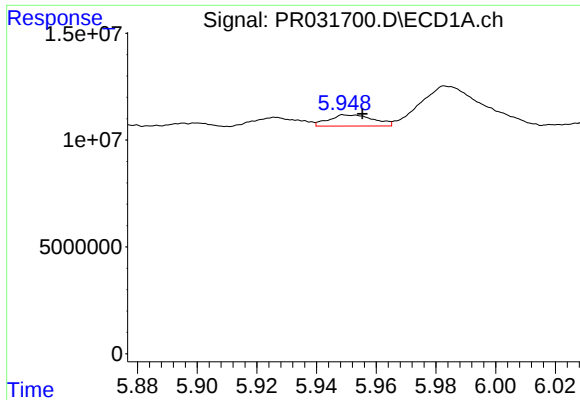
#20 AR-1242-5

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 5089370
Conc: 13.31 ng/ml



#20 AR-1242-5

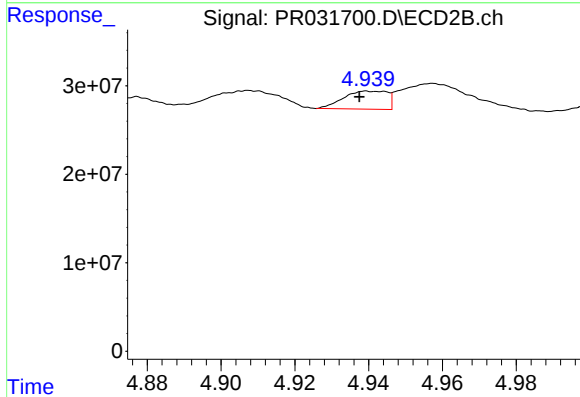
R.T.: 5.756 min
Delta R.T.: 0.015 min
Response: 13190524
Conc: 22.74 ng/ml



#21 AR-1248-1

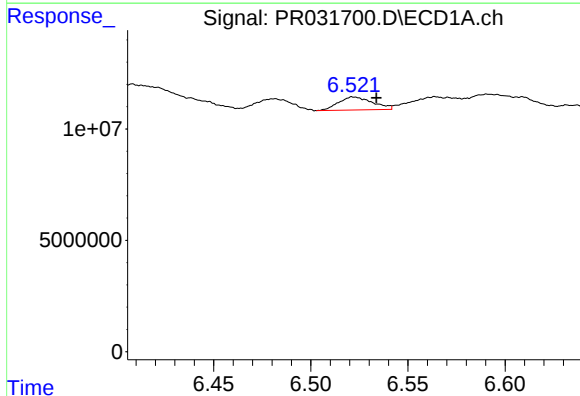
R.T.: 5.949 min
Delta R.T.: -0.006 min
Response: 5490818
Conc: 10.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



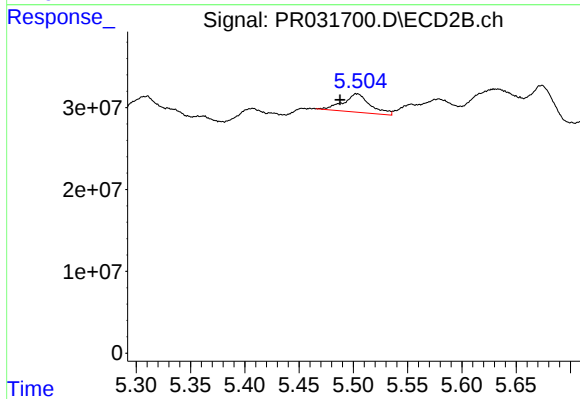
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.002 min
Response: 16668222
Conc: 15.06 ng/ml



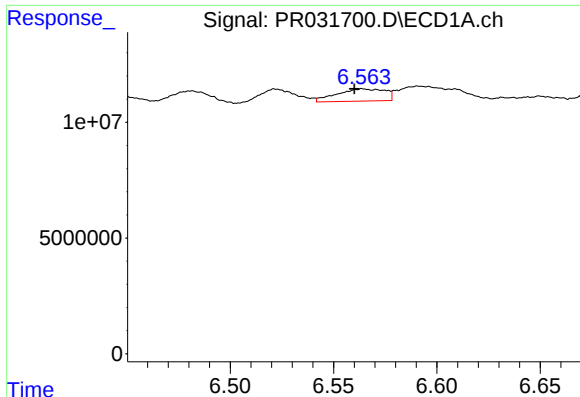
#22 AR-1248-2

R.T.: 6.522 min
Delta R.T.: -0.012 min
Response: 7146707
Conc: 13.32 ng/ml



#22 AR-1248-2

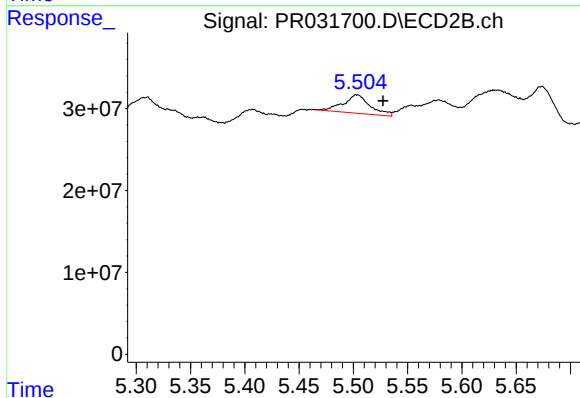
R.T.: 5.504 min
Delta R.T.: 0.016 min
Response: 38497002
Conc: 16.92 ng/ml



#23 AR-1248-3

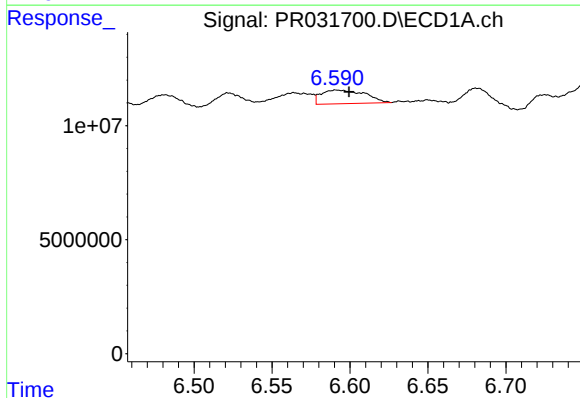
R.T.: 6.564 min
Delta R.T.: 0.004 min
Response: 8570384
Conc: 11.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



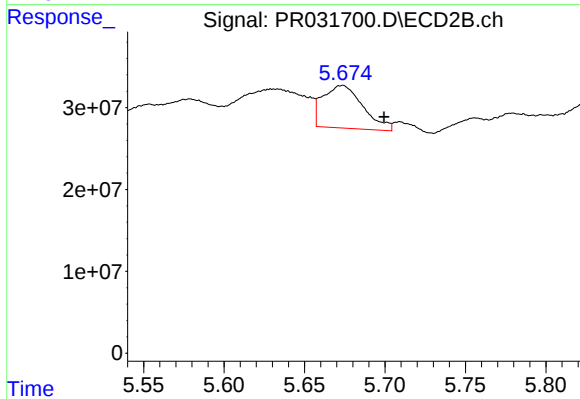
#23 AR-1248-3

R.T.: 5.504 min
Delta R.T.: -0.023 min
Response: 38497002
Conc: 24.16 ng/ml



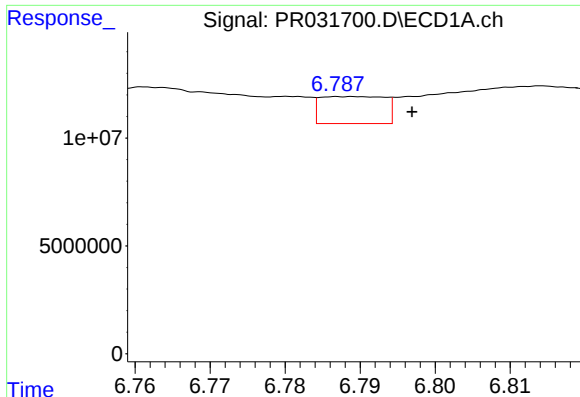
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: -0.009 min
Response: 11649849
Conc: 16.89 ng/ml



#24 AR-1248-4

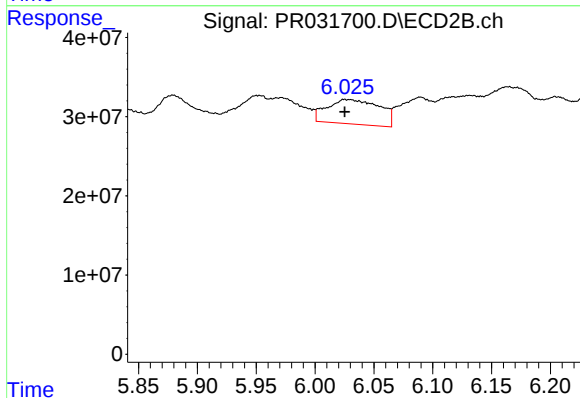
R.T.: 5.674 min
Delta R.T.: -0.025 min
Response: 90170308
Conc: 62.51 ng/ml



#25 AR-1248-5

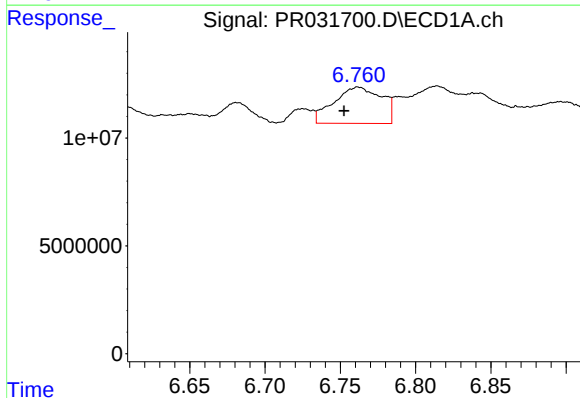
R.T.: 6.789 min
Delta R.T.: -0.008 min
Response: 7503390
Conc: 15.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



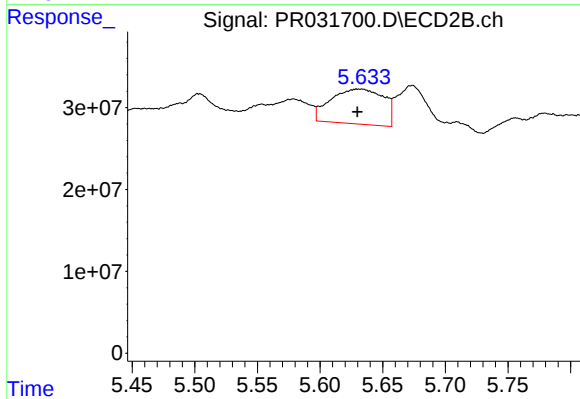
#25 AR-1248-5

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 96246026
Conc: 92.49 ng/ml



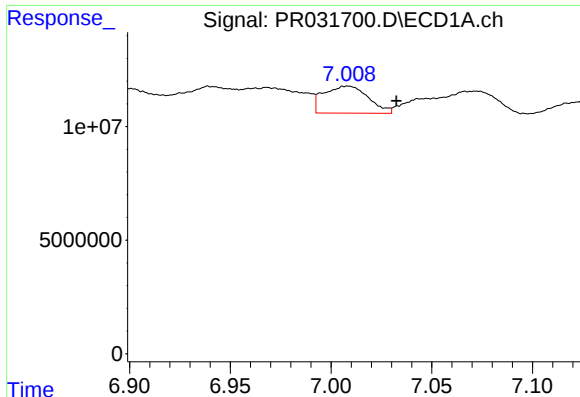
#26 AR-1254-1

R.T.: 6.761 min
Delta R.T.: 0.009 min
Response: 37145324
Conc: 28.05 ng/ml



#26 AR-1254-1

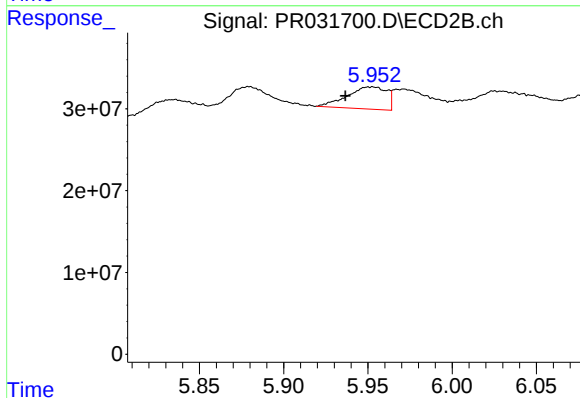
R.T.: 5.634 min
Delta R.T.: 0.004 min
Response: 125444660
Conc: 49.22 ng/ml



#27 AR-1254-2

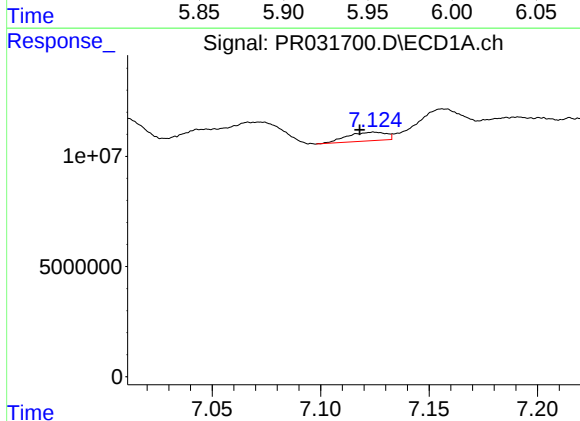
R.T.: 7.009 min
Delta R.T.: -0.024 min
Response: 18271990
Conc: 22.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



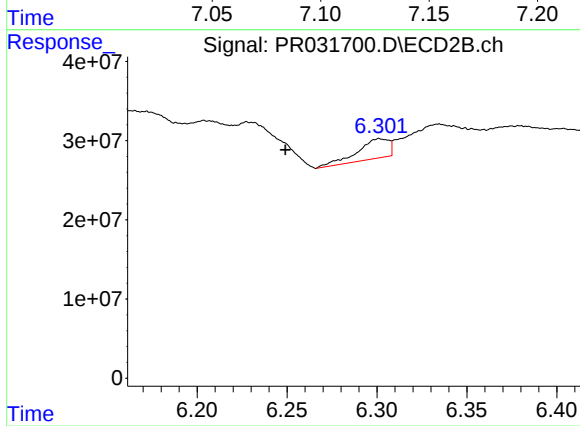
#27 AR-1254-2

R.T.: 5.950 min
Delta R.T.: 0.014 min
Response: 44425654
Conc: 24.36 ng/ml



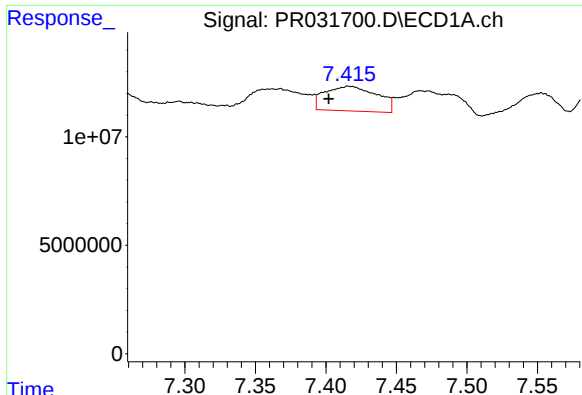
#28 AR-1254-3

R.T.: 7.125 min
Delta R.T.: 0.006 min
Response: 4923845
Conc: 3.32 ng/ml



#28 AR-1254-3

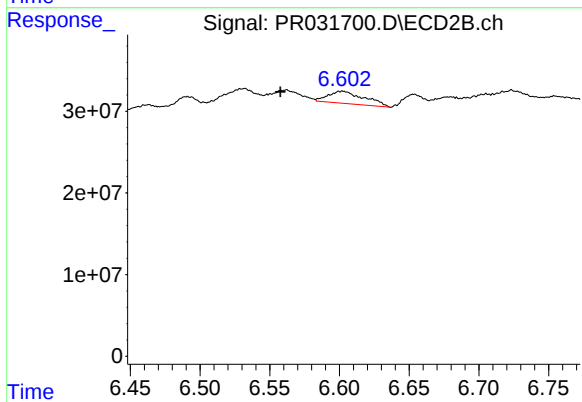
R.T.: 6.301 min
Delta R.T.: 0.052 min
Response: 30052399
Conc: 9.17 ng/ml



#29 AR-1254-4

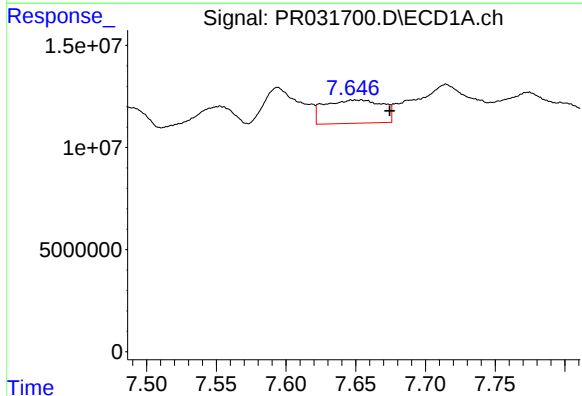
R.T.: 7.416 min
Delta R.T.: 0.015 min
Response: 29372346
Conc: 24.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



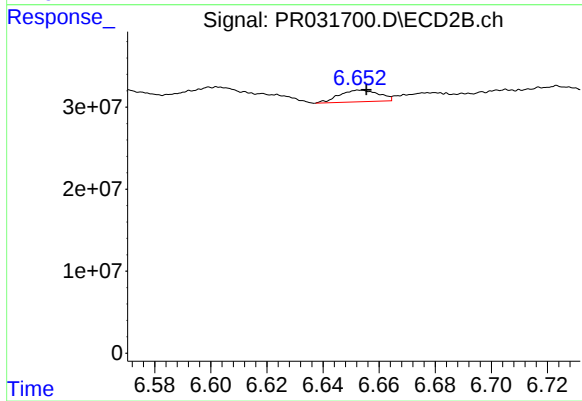
#29 AR-1254-4

R.T.: 6.602 min
Delta R.T.: 0.045 min
Response: 26984378
Conc: 18.13 ng/ml



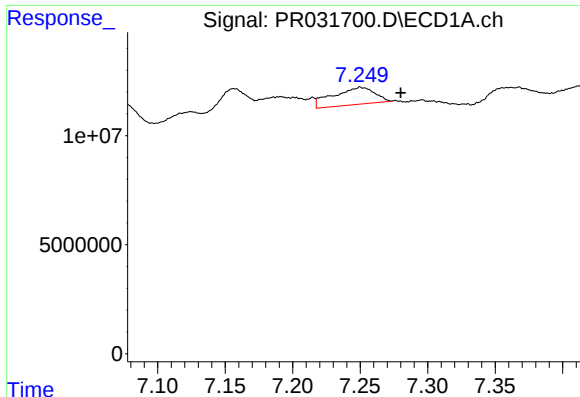
#30 AR-1254-5

R.T.: 7.649 min
Delta R.T.: -0.025 min
Response: 32957472
Conc: 38.03 ng/ml



#30 AR-1254-5

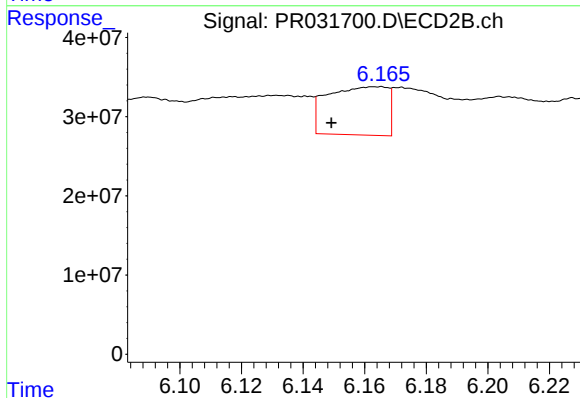
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 13914480
Conc: 6.61 ng/ml



#31 AR-1260-1

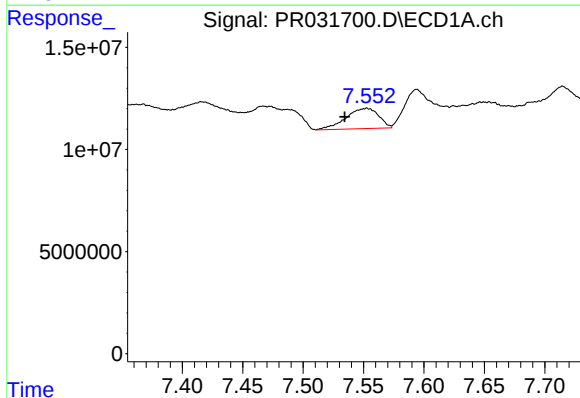
R.T.: 7.250 min
Delta R.T.: -0.030 min
Response: 16905645
Conc: 16.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



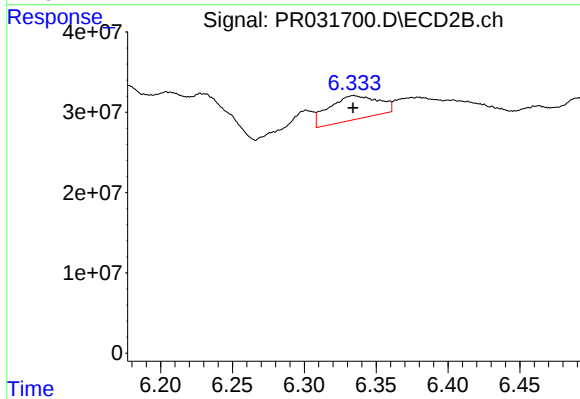
#31 AR-1260-1

R.T.: 6.165 min
Delta R.T.: 0.016 min
Response: 82805640
Conc: 36.47 ng/ml



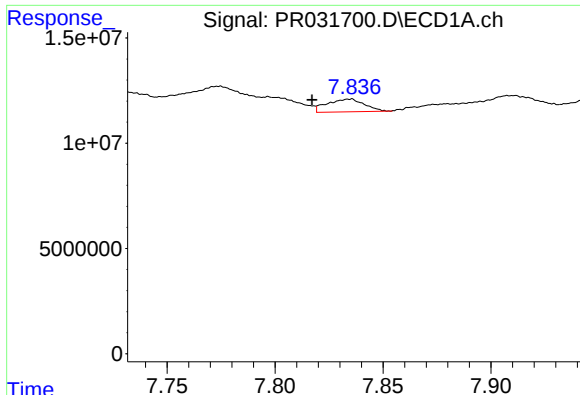
#32 AR-1260-2

R.T.: 7.553 min
Delta R.T.: 0.018 min
Response: 18777906
Conc: 14.18 ng/ml



#32 AR-1260-2

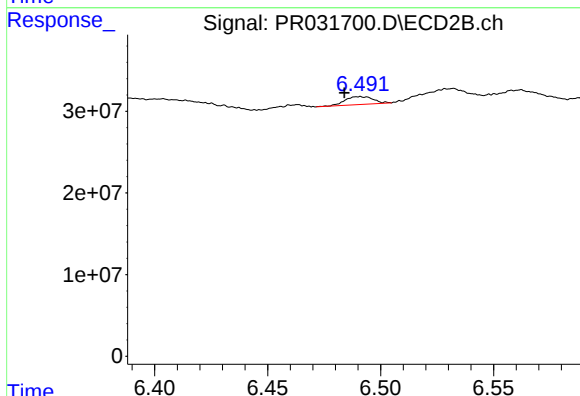
R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 71041249
Conc: 25.49 ng/ml



#33 AR-1260-3

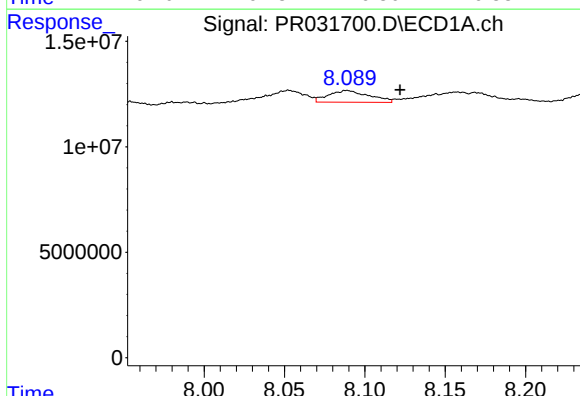
R.T.: 7.835 min
Delta R.T.: 0.018 min
Response: 7249095
Conc: 4.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



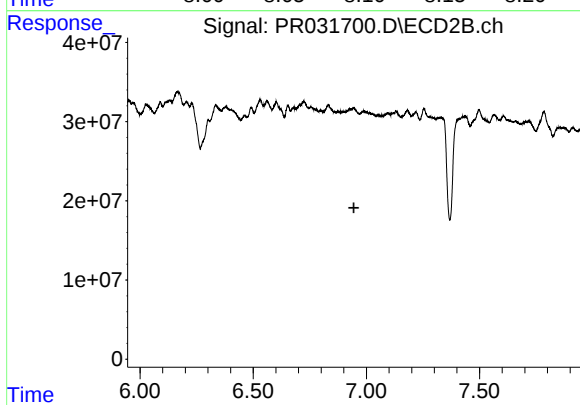
#33 AR-1260-3

R.T.: 6.491 min
Delta R.T.: 0.007 min
Response: 8433356
Conc: 3.76 ng/ml



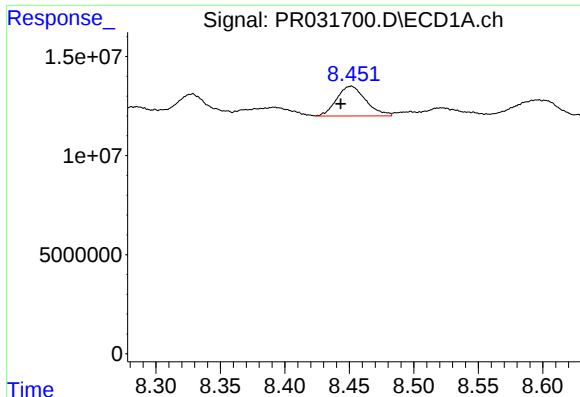
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.033 min
Response: 9859129
Conc: 8.78 ng/ml



#34 AR-1260-4

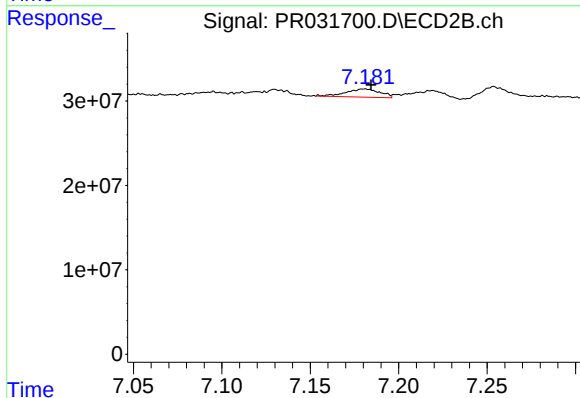
R.T.: 0.000 min
Exp R.T.: 6.945 min
Response: 0
Conc: N.D.



#35 AR-1260-5

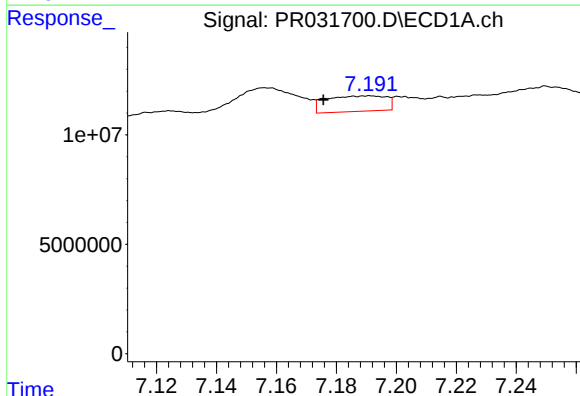
R.T.: 8.451 min
Delta R.T.: 0.008 min
Response: 23651945
Conc: 9.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



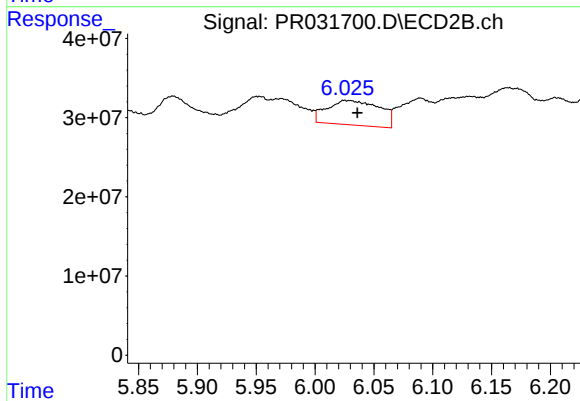
#35 AR-1260-5

R.T.: 7.181 min
Delta R.T.: -0.003 min
Response: 13010512
Conc: 4.42 ng/ml



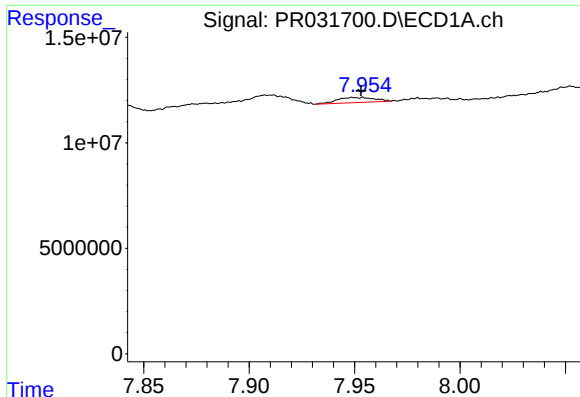
#36 AR-1262-1

R.T.: 7.191 min
Delta R.T.: 0.016 min
Response: 9906743
Conc: 16.74 ng/ml



#36 AR-1262-1

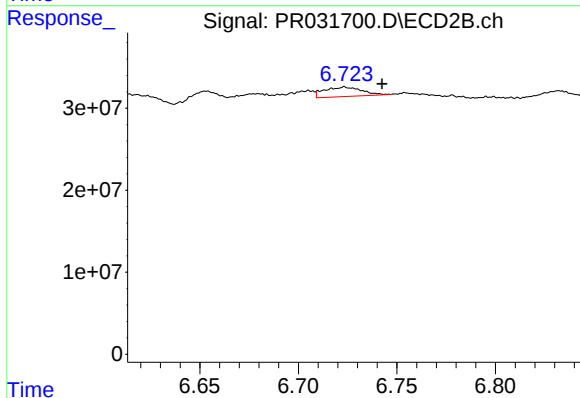
R.T.: 6.025 min
Delta R.T.: -0.011 min
Response: 96246026
Conc: 67.80 ng/ml



#37 AR-1262-2

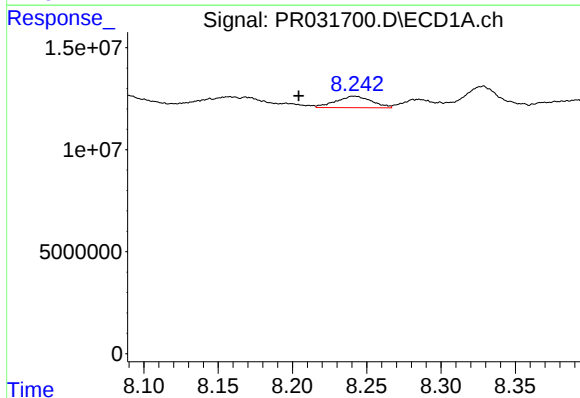
R.T.: 7.954 min
Delta R.T.: 0.000 min
Response: 2879781
Conc: 4.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



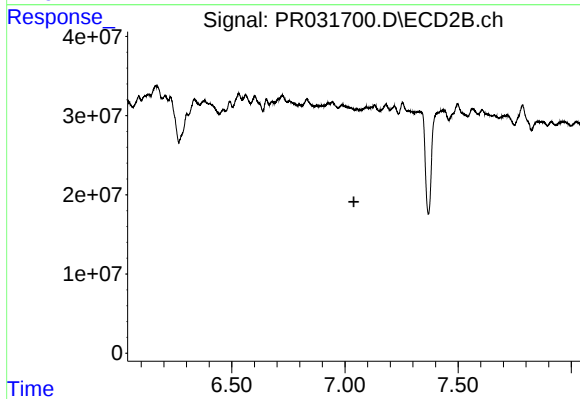
#37 AR-1262-2

R.T.: 6.723 min
Delta R.T.: -0.019 min
Response: 15340767
Conc: 14.30 ng/ml



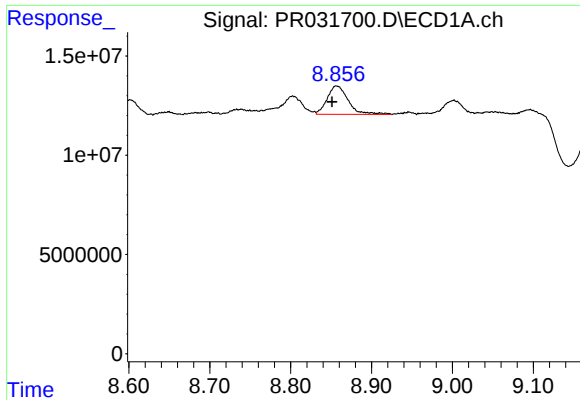
#38 AR-1262-3

R.T.: 8.241 min
Delta R.T.: 0.037 min
Response: 9419560
Conc: 18.18 ng/ml



#38 AR-1262-3

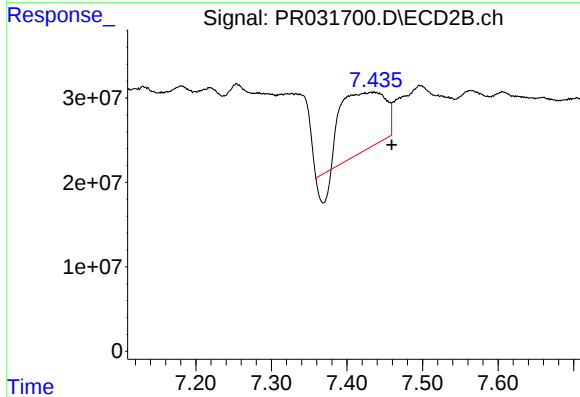
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.



#39 AR-1262-4

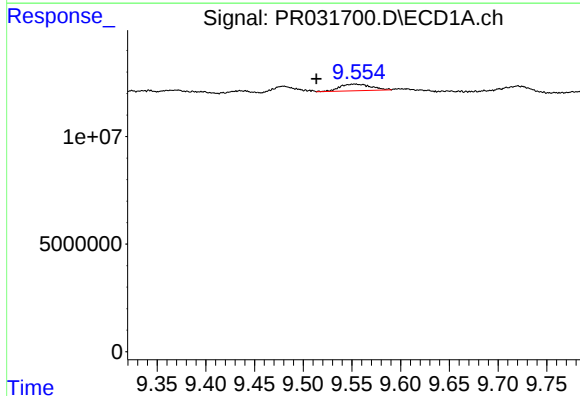
R.T.: 8.857 min
Delta R.T.: 0.006 min
Response: 25770190
Conc: 16.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



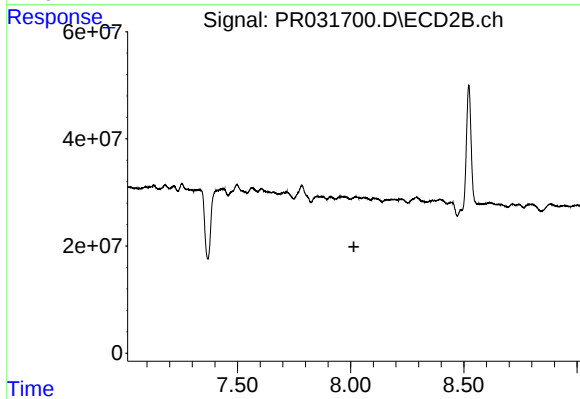
#39 AR-1262-4

R.T.: 7.432 min
Delta R.T.: -0.027 min
Response: 264190045
Conc: 227.41 ng/ml



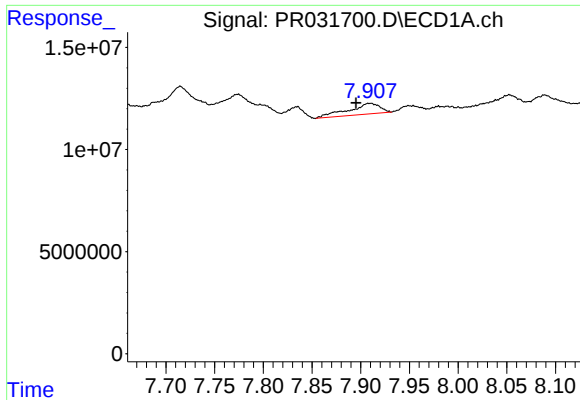
#40 AR-1262-5

R.T.: 9.553 min
Delta R.T.: 0.039 min
Response: 6896639
Conc: 6.14 ng/ml



#40 AR-1262-5

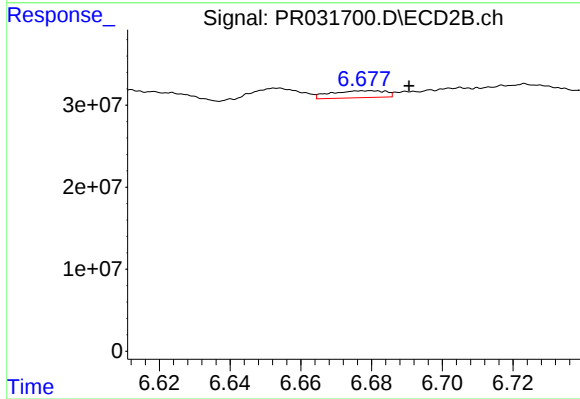
R.T.: 0.000 min
Exp R.T.: 8.014 min
Response: 0
Conc: N.D.



#41 AR-1268-1

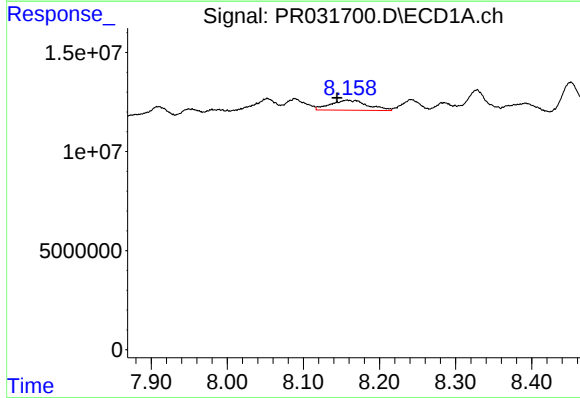
R.T.: 7.910 min
Delta R.T.: 0.014 min
Response: 11896575
Conc: 20.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



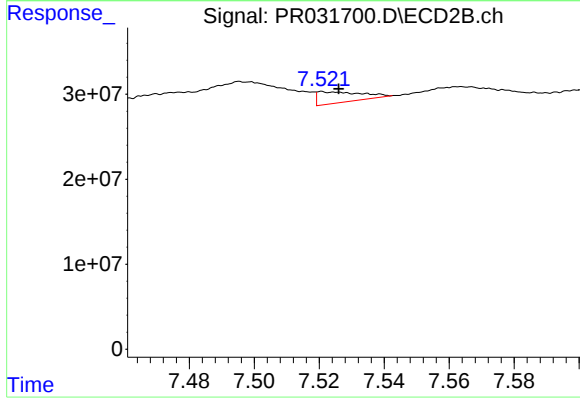
#41 AR-1268-1

R.T.: 6.680 min
Delta R.T.: -0.011 min
Response: 9109321
Conc: 8.78 ng/ml



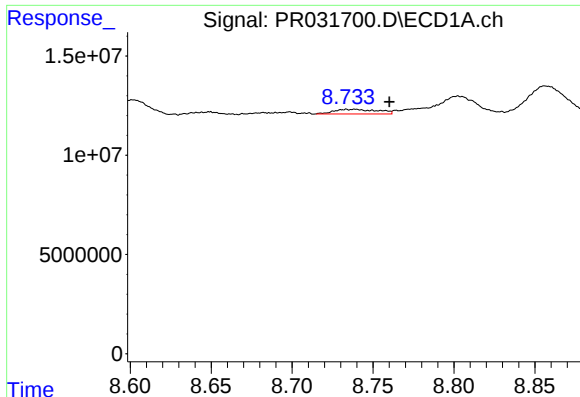
#42 AR-1268-2

R.T.: 8.157 min
Delta R.T.: 0.013 min
Response: 17144355
Conc: 21.20 ng/ml



#42 AR-1268-2

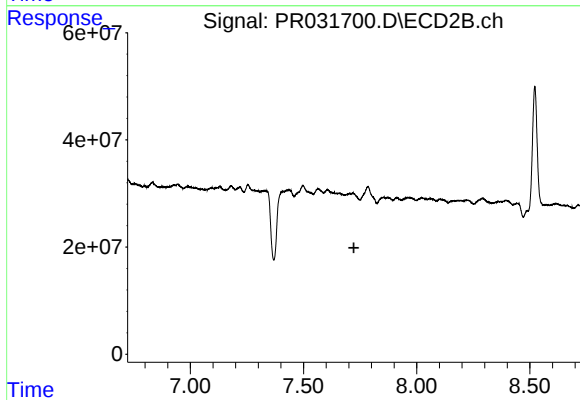
R.T.: 7.521 min
Delta R.T.: -0.005 min
Response: 12220989
Conc: 4.78 ng/ml



#43 AR-1268-3

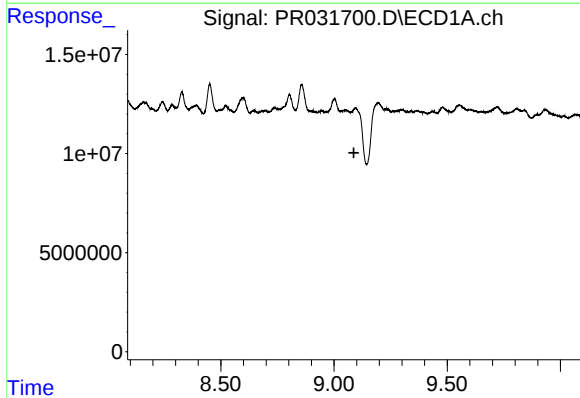
R.T.: 8.734 min
Delta R.T.: -0.027 min
Response: 4436629
Conc: 1.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



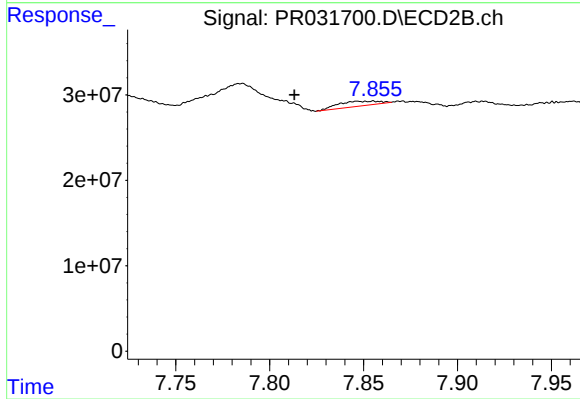
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.722 min
Response: 0
Conc: N.D.



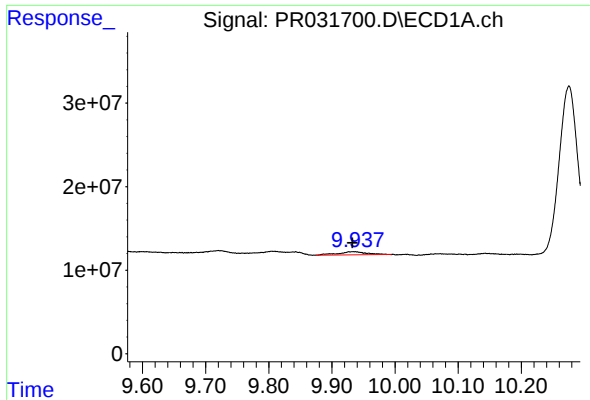
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.088 min
Response: 0
Conc: N.D.



#44 AR-1268-4

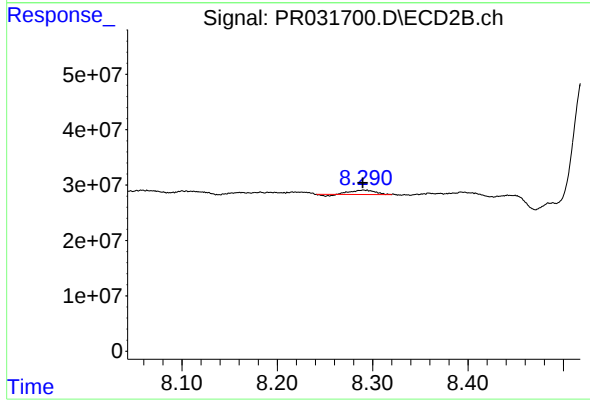
R.T.: 7.847 min
Delta R.T.: 0.034 min
Response: 8604656
Conc: 13.31 ng/ml



#45 AR-1268-5

R.T.: 9.936 min
Delta R.T.: 0.004 min
Response: 11508156
Conc: 1.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 12379892
Conc: 2.05 ng/ml