

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110221\
 Data File : PR052440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 17:49
 Operator : AJ\MA
 Sample : M4412-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 04:31:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 16 08:36:17 2021
 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...	4.690	3.858	74576265	57923333	18.985	20.280
2)	SA Decachlor...	10.628	8.867	118.9E6	115.3E6	33.856	33.901
Target Compounds							
3)	L1 AR-1016-1	5.930f	0.000	57453	0	0.473	N.D. #
4)	L1 AR-1016-2	5.930	0.000	57453	0	0.332	N.D. #
5)	L1 AR-1016-3	5.961	5.174f	148323	258616	1.378	3.636 #
6)	L1 AR-1016-4	6.065	5.174	94978	258616	1.077	4.750 #
7)	L1 AR-1016-5	6.372	0.000	279913	0	3.161	N.D. #
8)	L2 AR-1221-1	4.895	0.000	47865	0	1.044	N.D. #
9)	L2 AR-1221-2	5.004	4.160	807504	624729	16.268	25.859 #
10)	L2 AR-1221-3	5.086	4.227	222645	165826	1.916	1.929
11)	L3 AR-1232-1	5.086	4.227	222645	165826	2.873	2.796
12)	L3 AR-1232-2	5.624	0.000	230242	0	5.711	N.D. #
13)	L3 AR-1232-3	5.930	5.174f	57453	258616	0.769	8.650 #
14)	L3 AR-1232-4	6.065	5.239	94978	55661	2.536	2.156
15)	L3 AR-1232-5	6.146	0.000	66229	0	2.146	N.D. #
16)	L4 AR-1242-1	5.930f	0.000	57453	0	0.577	N.D. #
17)	L4 AR-1242-2	5.930	0.000	57453	0	0.408	N.D. #
18)	L4 AR-1242-3	5.961	5.174f	148323	258616	1.686	4.546 #
19)	L4 AR-1242-4	6.065	5.239	94978	55661	1.332	1.033
20)	L4 AR-1242-5	6.835	5.699f	136432	167659	1.789	2.440 #
21)	L5 AR-1248-1	5.930f	0.000	57453	0	0.787	N.D. #
22)	L5 AR-1248-2	6.146	5.174	66229	258616	0.618	3.538 #
23)	L5 AR-1248-3	6.372	5.239	279913	55661	2.401	0.714 #
24)	L5 AR-1248-4	6.773	0.000	182401	0	1.429	N.D. #
25)	L5 AR-1248-5	6.835	5.824f	136432	275400	1.107	2.911 #
26)	L6 AR-1254-1	6.737	5.699f	69639	167659	0.523	1.156 #
27)	L6 AR-1254-2	6.952	5.824f	124484	275400	0.602	2.195 #
28)	L6 AR-1254-3	7.299	0.000	304291	0	1.451	N.D. #
29)	L6 AR-1254-4	7.630	6.537	291990	317060	1.856	2.455 #
30)	L6 AR-1254-5	8.047	6.992f	918115	490910	5.317	2.681 #
31)	L7 AR-1260-1	7.504	6.404	65061	384039	0.435	3.009 #
32)	L7 AR-1260-2	7.734	6.537f	161219	317060	0.901	2.116 #
33)	L7 AR-1260-3	8.130	6.761	508561	309813	3.586	2.089 #
34)	L7 AR-1260-4	8.329	7.209	1233871	410043	7.457	3.378 #
35)	L7 AR-1260-5	8.695	7.446	1482268	817829	4.573	2.636 #
36)	L8 AR-1262-1	8.130	6.761	508561	309813	2.460	2.453
37)	L8 AR-1262-2	8.695	7.446	1482268	817829	3.943	2.404 #
38)	L8 AR-1262-3	8.943f	7.772	3930001	761047	23.214	5.458 #
39)	L8 AR-1262-4	9.149f	7.772f	1358947	761047	11.481	2.831 #
40)	L8 AR-1262-5	9.794	0.000	1861188	0	12.561	N.D. #
41)	L9 AR-1268-1	0.000	7.772	0	761047	N.D.	1.909 #

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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	9.149	7.772f	1358947	761047	3.352	1.960 #
43) L9	AR-1268-3	9.352	8.011	2052663	417193	5.859	1.225 #
44) L9	AR-1268-4	9.794	0.000	1861188	0	11.426	N.D. #
45) L9	AR-1268-5	10.265	8.603	1159607	655062	1.017	0.554 #

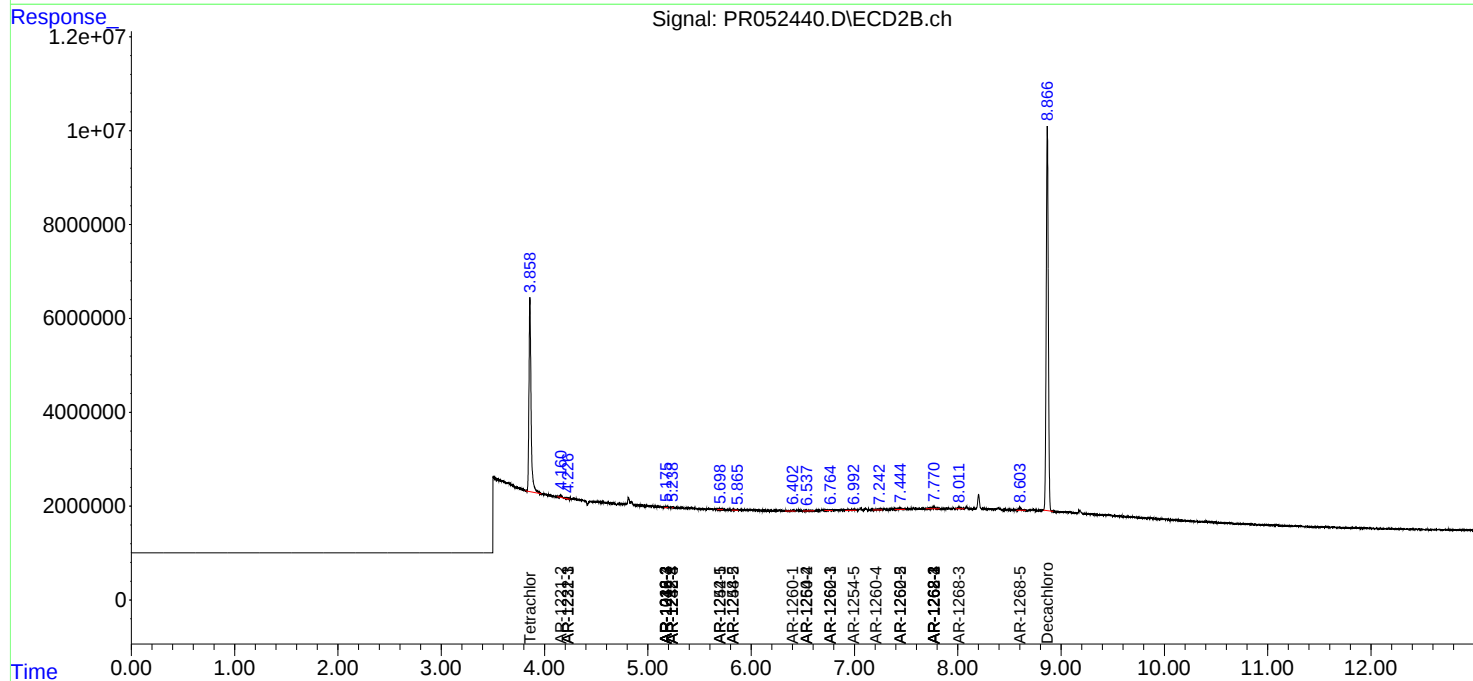
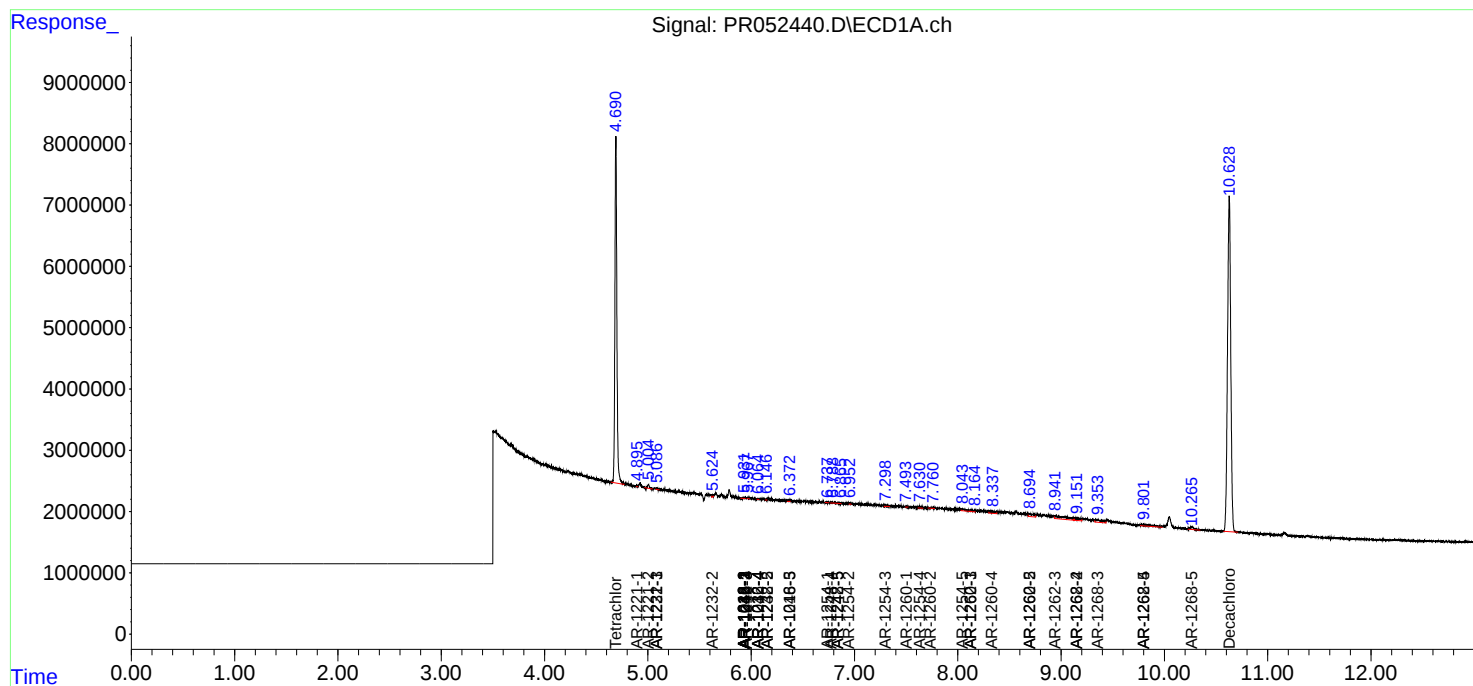
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

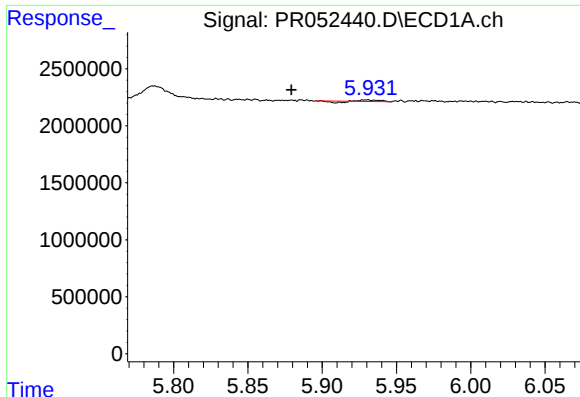
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Volume Inj. : 1 µl
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

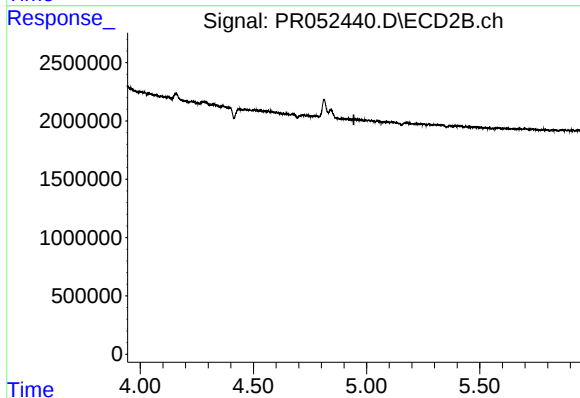




#3 AR-1016-1

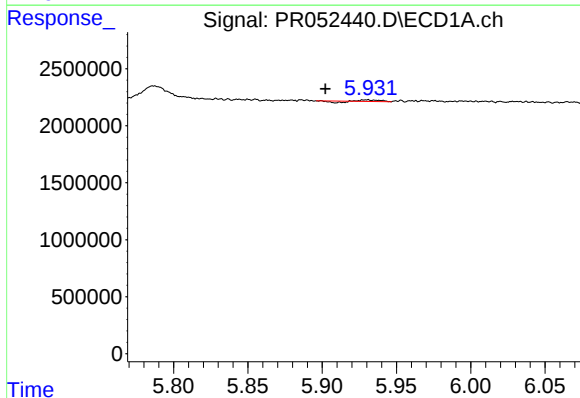
R.T.: 5.930 min
Delta R.T.: 0.051 min
Response: 57453
Conc: 0.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



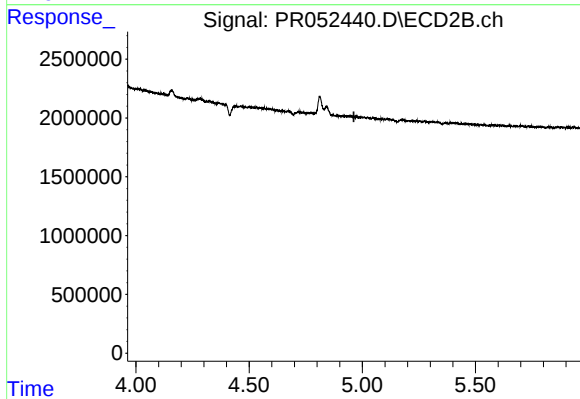
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.944 min
Response: 0
Conc: N.D.



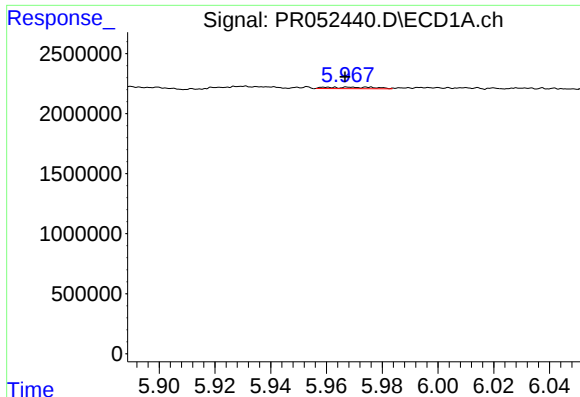
#4 AR-1016-2

R.T.: 5.930 min
Delta R.T.: 0.028 min
Response: 57453
Conc: 0.33 ng/ml



#4 AR-1016-2

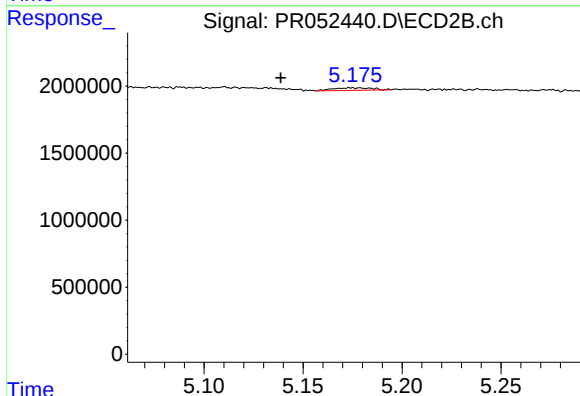
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#5 AR-1016-3

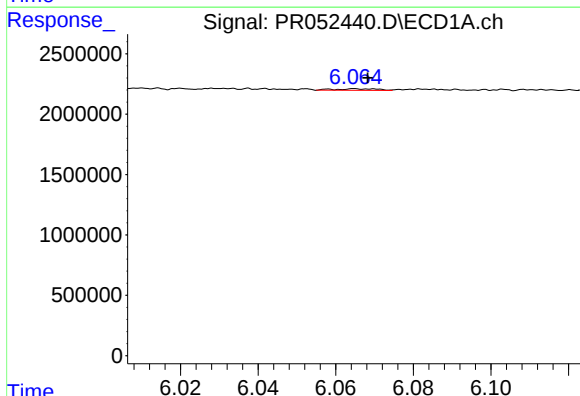
R.T.: 5.961 min
Delta R.T.: -0.006 min
Response: 148323
Conc: 1.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



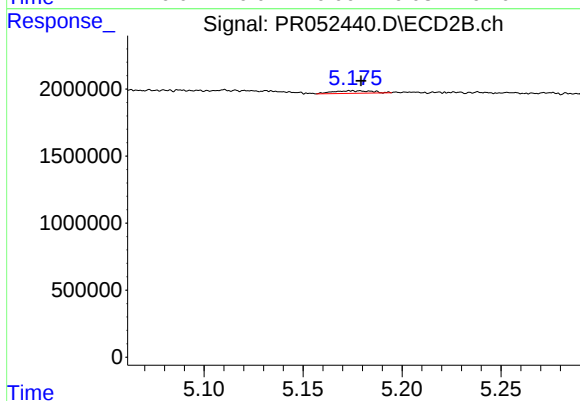
#5 AR-1016-3

R.T.: 5.174 min
Delta R.T.: 0.035 min
Response: 258616
Conc: 3.64 ng/ml



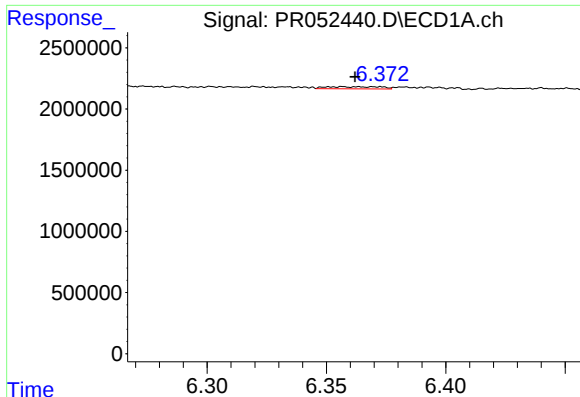
#6 AR-1016-4

R.T.: 6.065 min
Delta R.T.: -0.003 min
Response: 94978
Conc: 1.08 ng/ml



#6 AR-1016-4

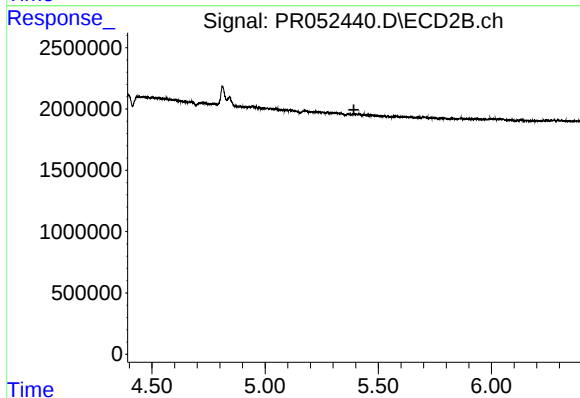
R.T.: 5.174 min
Delta R.T.: -0.006 min
Response: 258616
Conc: 4.75 ng/ml



#7 AR-1016-5

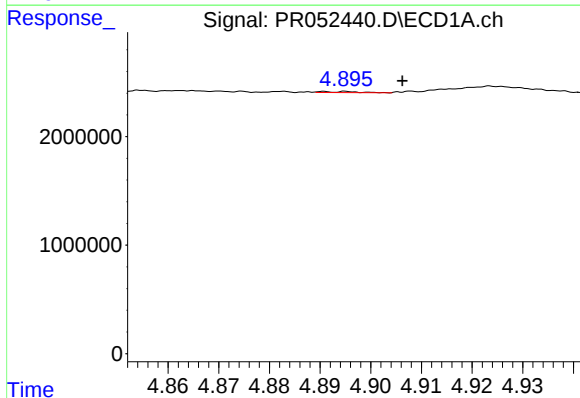
R.T.: 6.372 min
Delta R.T.: 0.010 min
Response: 279913
Conc: 3.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



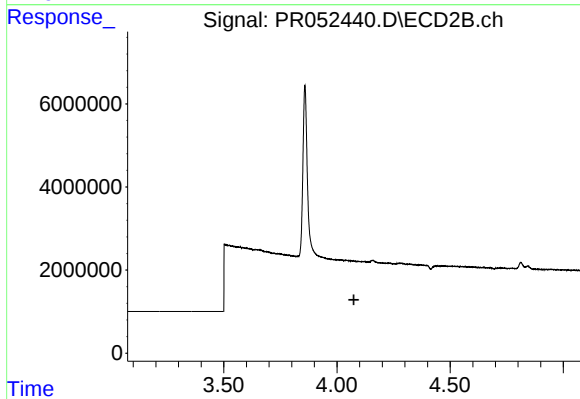
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.392 min
Response: 0
Conc: N.D.



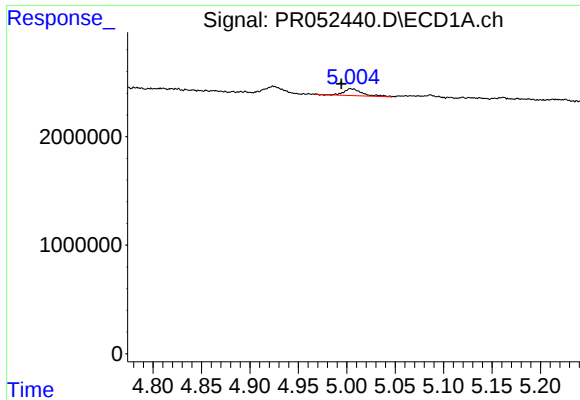
#8 AR-1221-1

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 47865
Conc: 1.04 ng/ml



#8 AR-1221-1

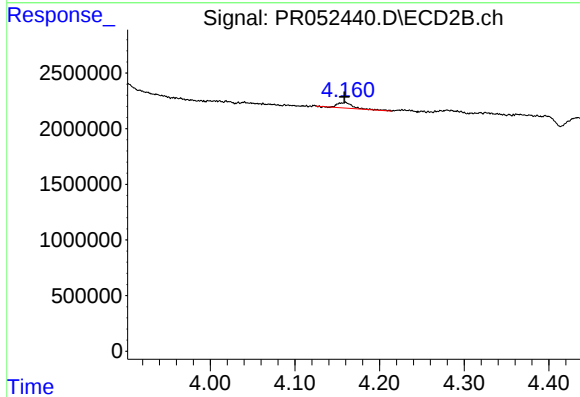
R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#9 AR-1221-2

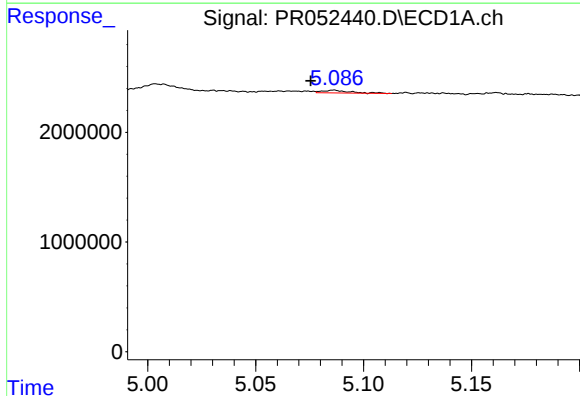
R.T.: 5.004 min
Delta R.T.: 0.010 min
Response: 807504
Conc: 16.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



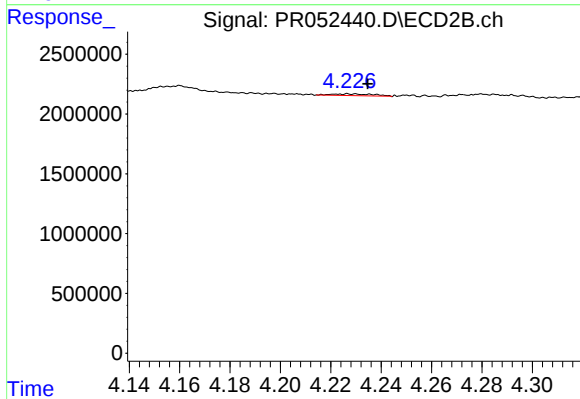
#9 AR-1221-2

R.T.: 4.160 min
Delta R.T.: 0.001 min
Response: 624729
Conc: 25.86 ng/ml



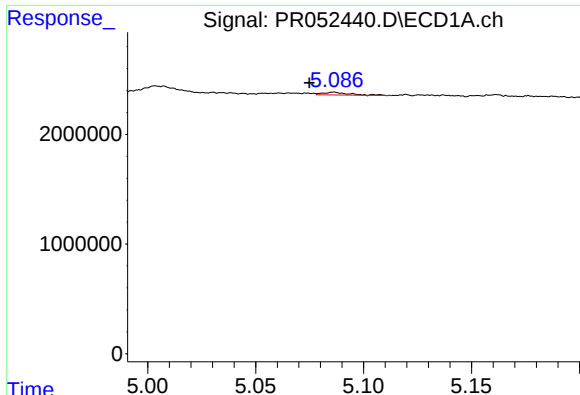
#10 AR-1221-3

R.T.: 5.086 min
Delta R.T.: 0.011 min
Response: 222645
Conc: 1.92 ng/ml



#10 AR-1221-3

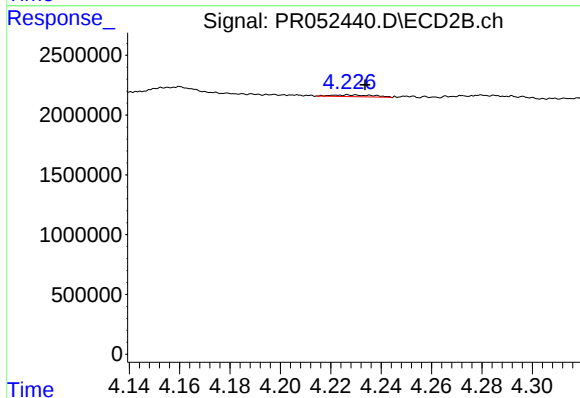
R.T.: 4.227 min
Delta R.T.: -0.008 min
Response: 165826
Conc: 1.93 ng/ml



#11 AR-1232-1

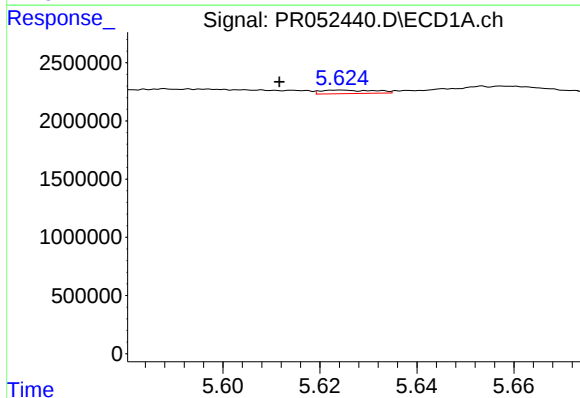
R.T.: 5.086 min
Delta R.T.: 0.011 min
Response: 222645
Conc: 2.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



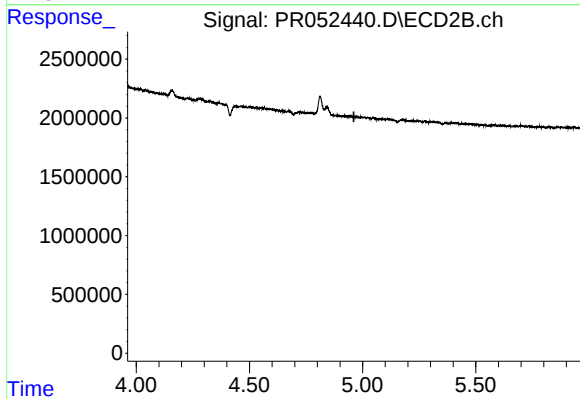
#11 AR-1232-1

R.T.: 4.227 min
Delta R.T.: -0.007 min
Response: 165826
Conc: 2.80 ng/ml



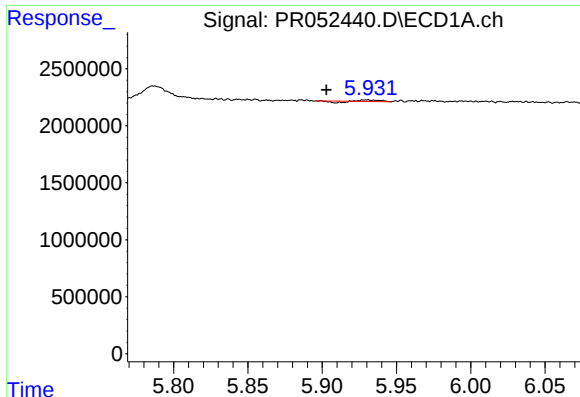
#12 AR-1232-2

R.T.: 5.624 min
Delta R.T.: 0.013 min
Response: 230242
Conc: 5.71 ng/ml



#12 AR-1232-2

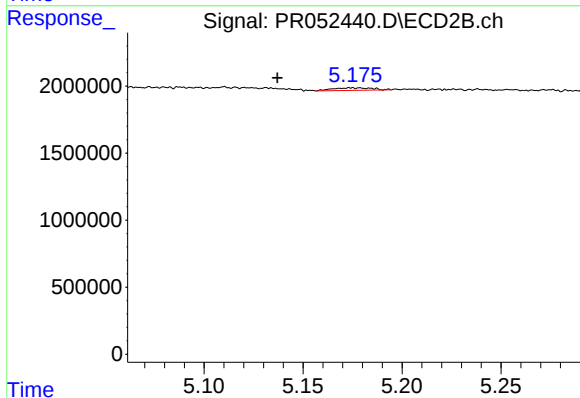
R.T.: 0.000 min
Exp R.T.: 4.962 min
Response: 0
Conc: N.D.



#13 AR-1232-3

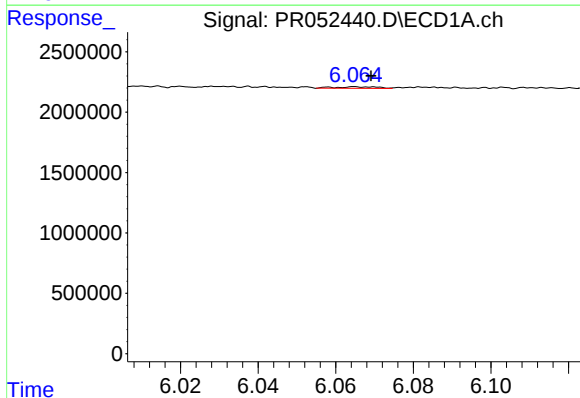
R.T.: 5.930 min
Delta R.T.: 0.027 min
Response: 57453
Conc: 0.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



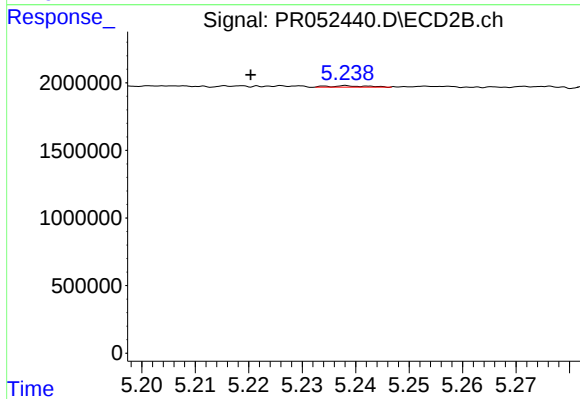
#13 AR-1232-3

R.T.: 5.174 min
Delta R.T.: 0.037 min
Response: 258616
Conc: 8.65 ng/ml



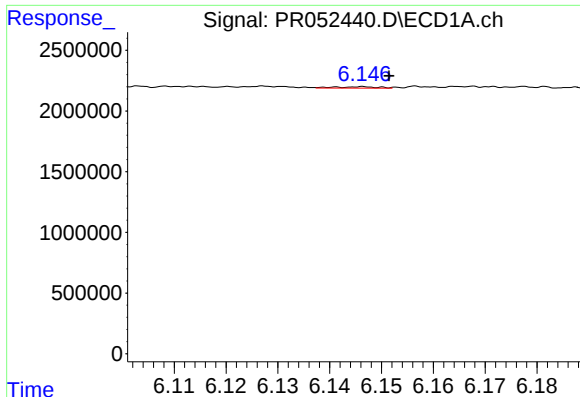
#14 AR-1232-4

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 94978
Conc: 2.54 ng/ml



#14 AR-1232-4

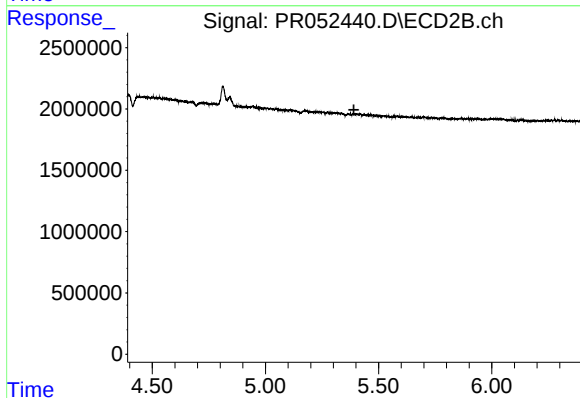
R.T.: 5.239 min
Delta R.T.: 0.018 min
Response: 55661
Conc: 2.16 ng/ml



#15 AR-1232-5

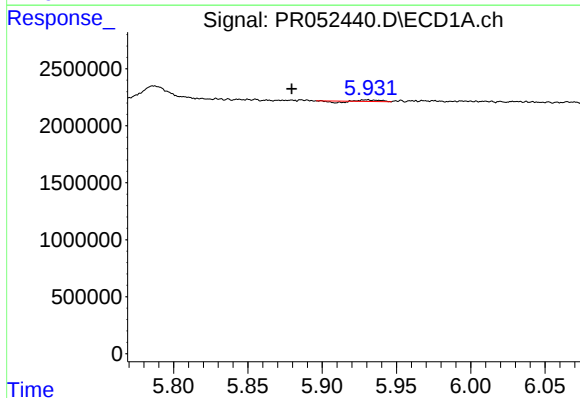
R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 66229
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



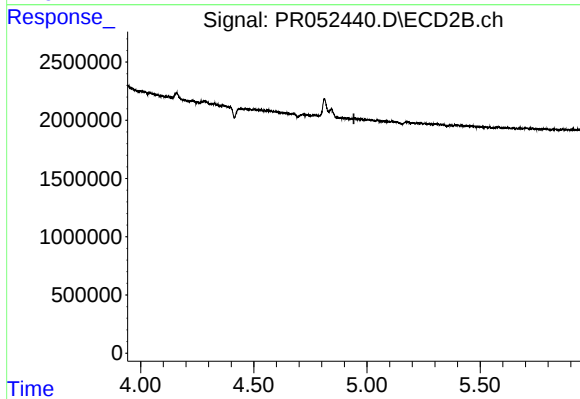
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.391 min
Response: 0
Conc: N.D.



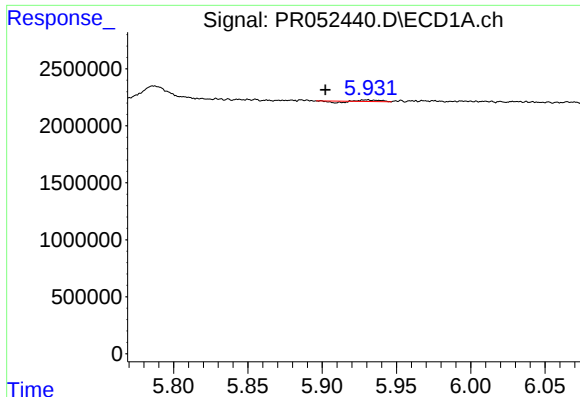
#16 AR-1242-1

R.T.: 5.930 min
Delta R.T.: 0.050 min
Response: 57453
Conc: 0.58 ng/ml



#16 AR-1242-1

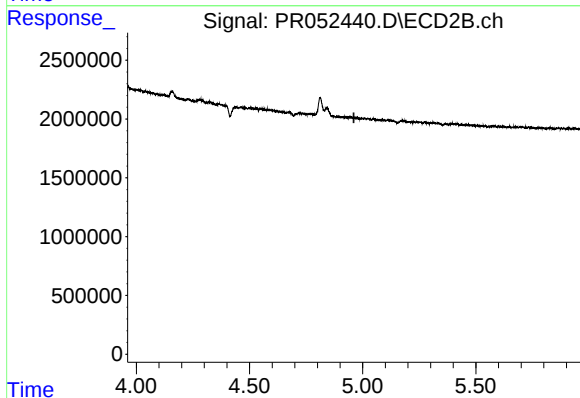
R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



#17 AR-1242-2

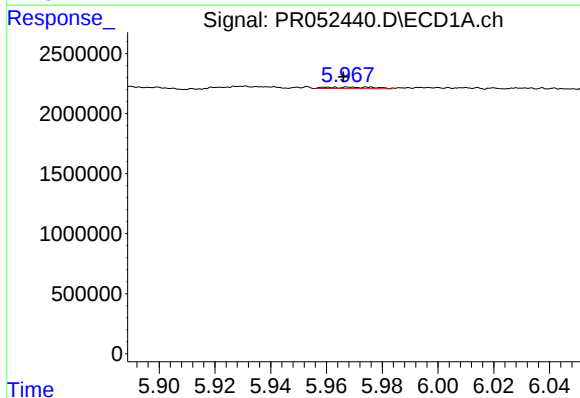
R.T.: 5.930 min
Delta R.T.: 0.028 min
Response: 57453
Conc: 0.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



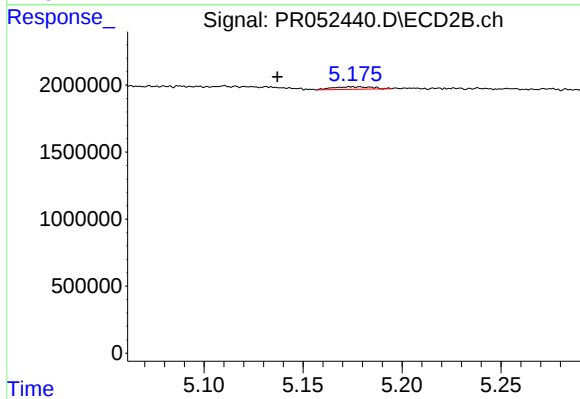
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.961 min
Response: 0
Conc: N.D.



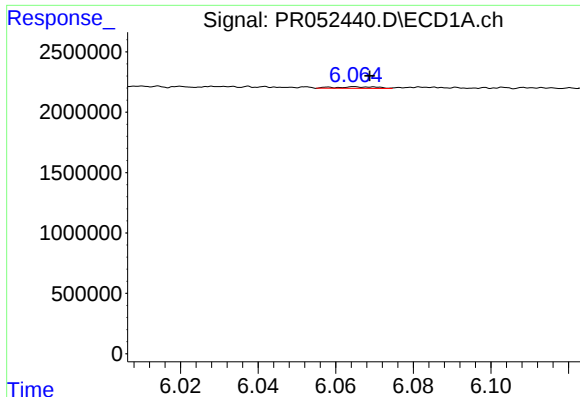
#18 AR-1242-3

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 148323
Conc: 1.69 ng/ml



#18 AR-1242-3

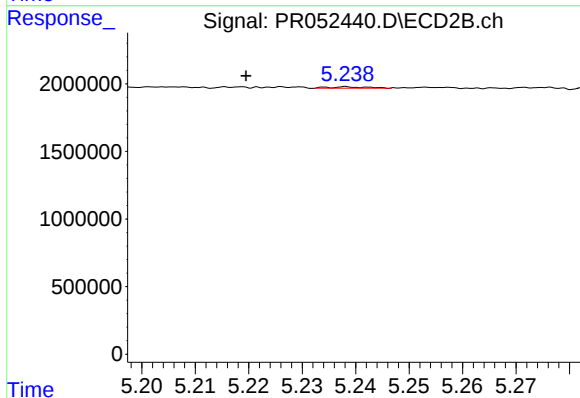
R.T.: 5.174 min
Delta R.T.: 0.037 min
Response: 258616
Conc: 4.55 ng/ml



#19 AR-1242-4

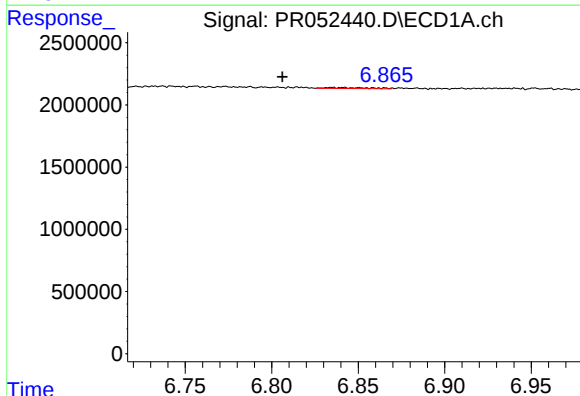
R.T.: 6.065 min
Delta R.T.: -0.003 min
Response: 94978
Conc: 1.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



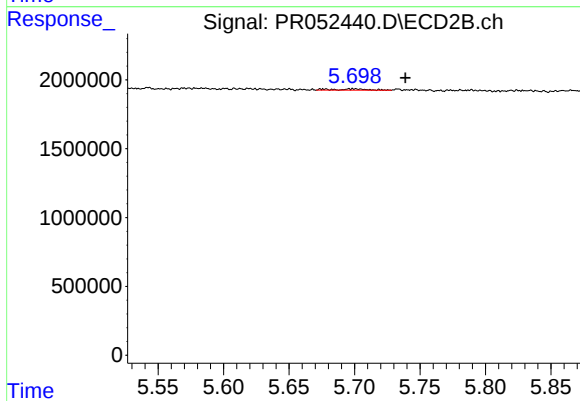
#19 AR-1242-4

R.T.: 5.239 min
Delta R.T.: 0.019 min
Response: 55661
Conc: 1.03 ng/ml



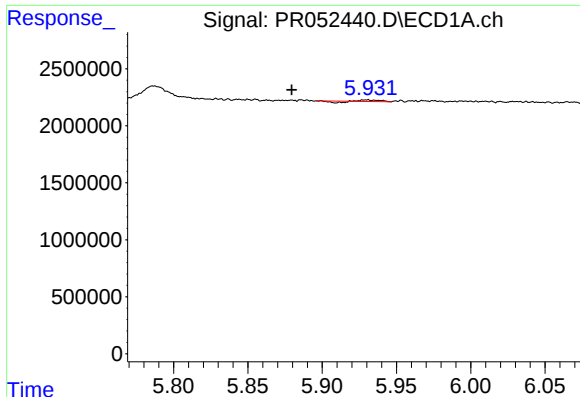
#20 AR-1242-5

R.T.: 6.835 min
Delta R.T.: 0.029 min
Response: 136432
Conc: 1.79 ng/ml



#20 AR-1242-5

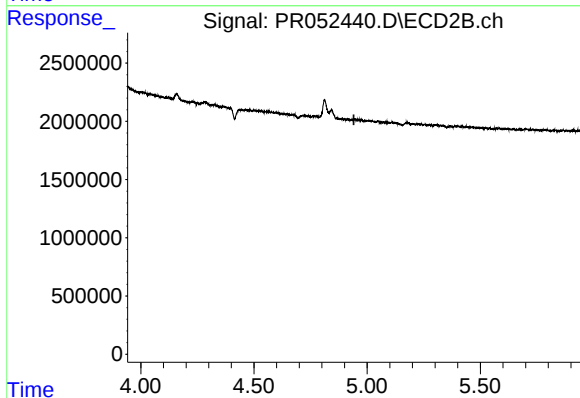
R.T.: 5.699 min
Delta R.T.: -0.040 min
Response: 167659
Conc: 2.44 ng/ml



#21 AR-1248-1

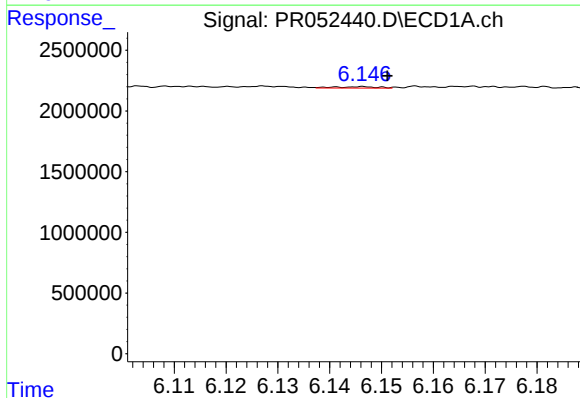
R.T.: 5.930 min
Delta R.T.: 0.050 min
Response: 57453
Conc: 0.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



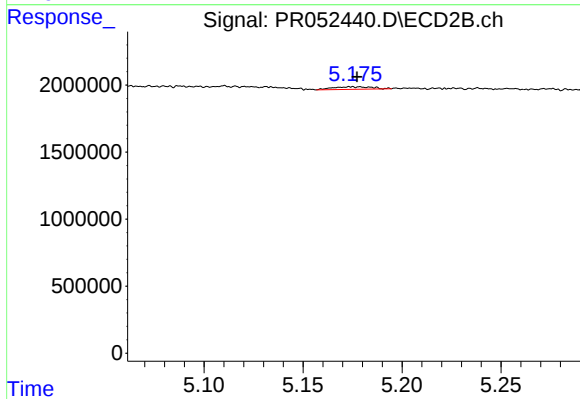
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



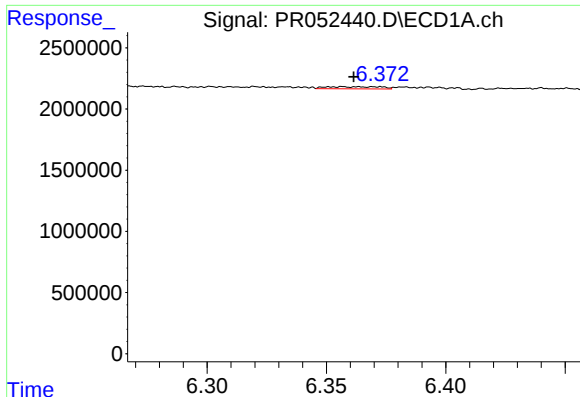
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 66229
Conc: 0.62 ng/ml



#22 AR-1248-2

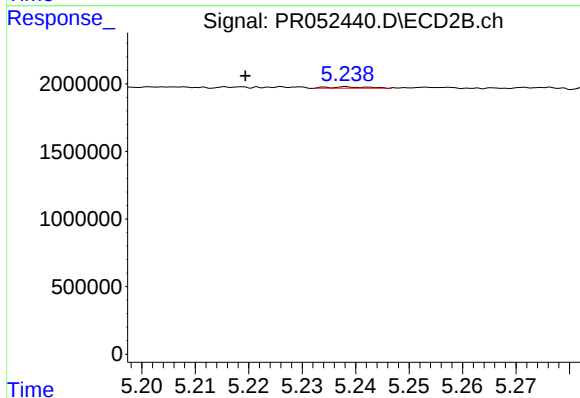
R.T.: 5.174 min
Delta R.T.: -0.003 min
Response: 258616
Conc: 3.54 ng/ml



#23 AR-1248-3

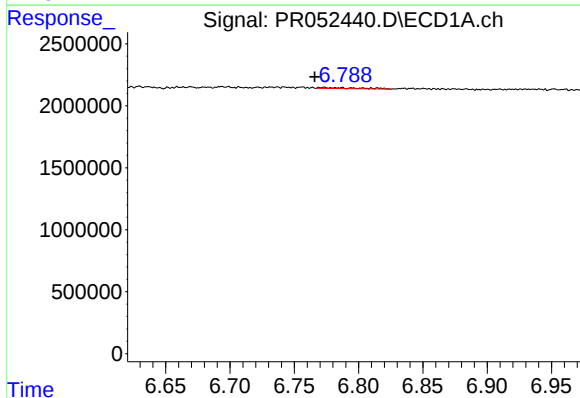
R.T.: 6.372 min
Delta R.T.: 0.011 min
Response: 279913
Conc: 2.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



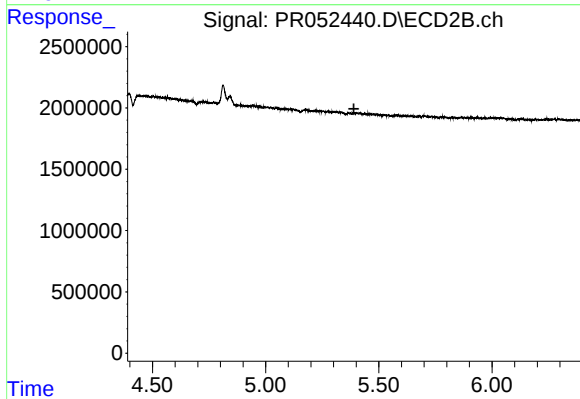
#23 AR-1248-3

R.T.: 5.239 min
Delta R.T.: 0.019 min
Response: 55661
Conc: 0.71 ng/ml



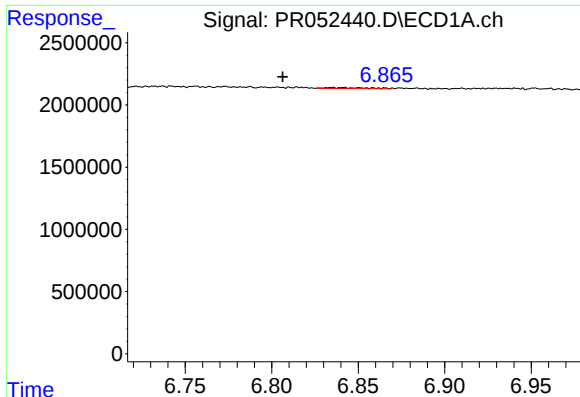
#24 AR-1248-4

R.T.: 6.773 min
Delta R.T.: 0.007 min
Response: 182401
Conc: 1.43 ng/ml



#24 AR-1248-4

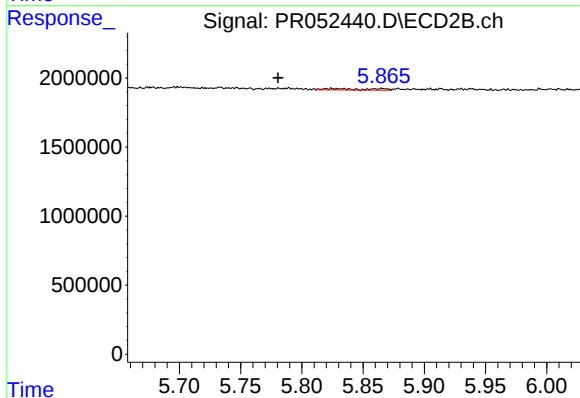
R.T.: 0.000 min
Exp R.T.: 5.390 min
Response: 0
Conc: N.D.



#25 AR-1248-5

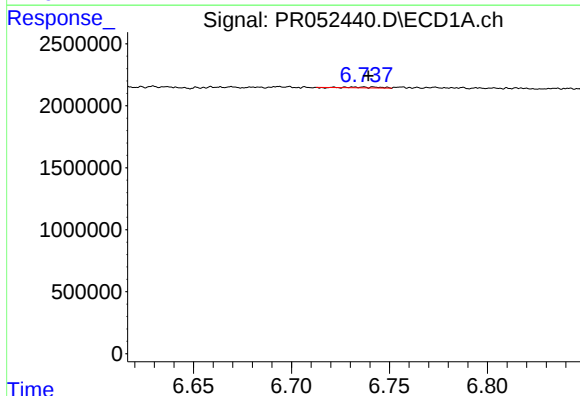
R.T.: 6.835 min
Delta R.T.: 0.028 min
Response: 136432
Conc: 1.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



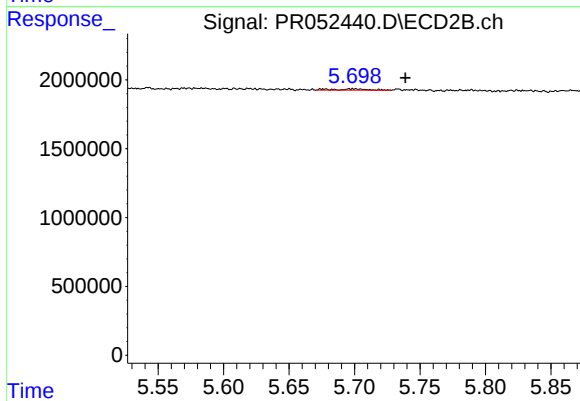
#25 AR-1248-5

R.T.: 5.824 min
Delta R.T.: 0.044 min
Response: 275400
Conc: 2.91 ng/ml



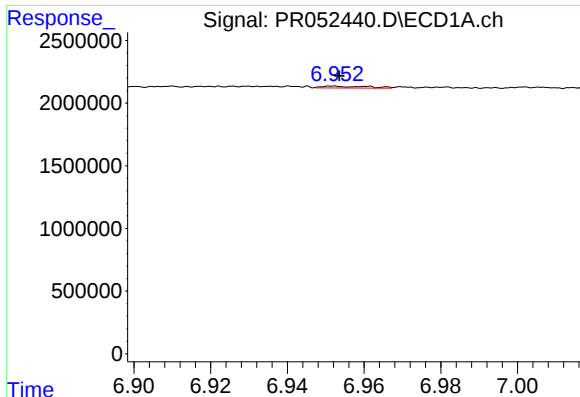
#26 AR-1254-1

R.T.: 6.737 min
Delta R.T.: -0.003 min
Response: 69639
Conc: 0.52 ng/ml



#26 AR-1254-1

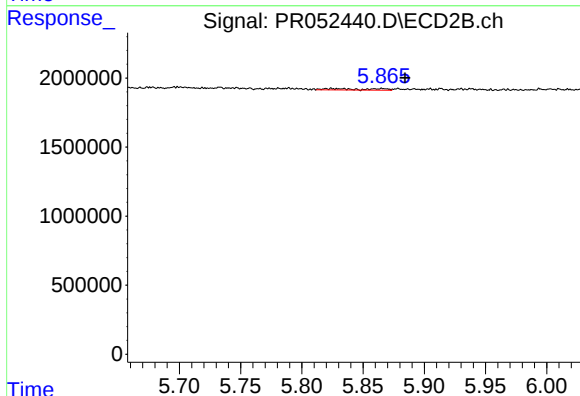
R.T.: 5.699 min
Delta R.T.: -0.040 min
Response: 167659
Conc: 1.16 ng/ml



#27 AR-1254-2

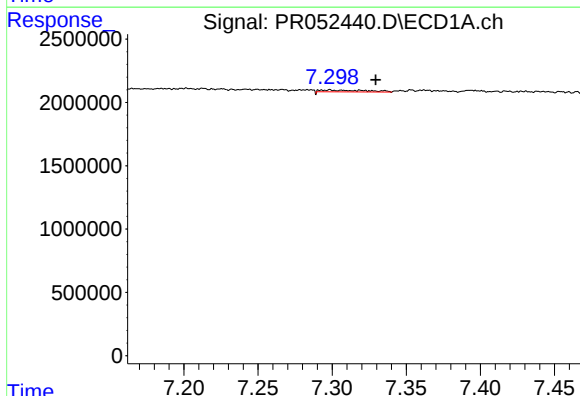
R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 124484
Conc: 0.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



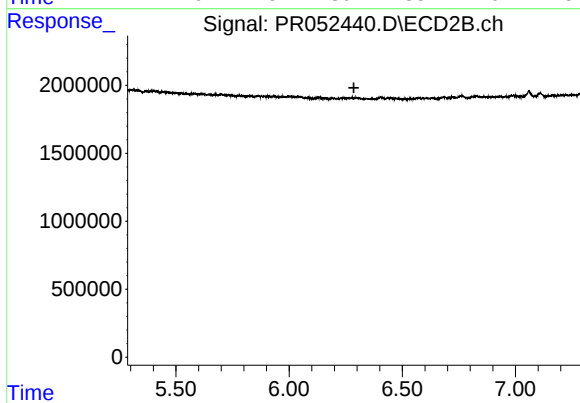
#27 AR-1254-2

R.T.: 5.824 min
Delta R.T.: -0.060 min
Response: 275400
Conc: 2.20 ng/ml



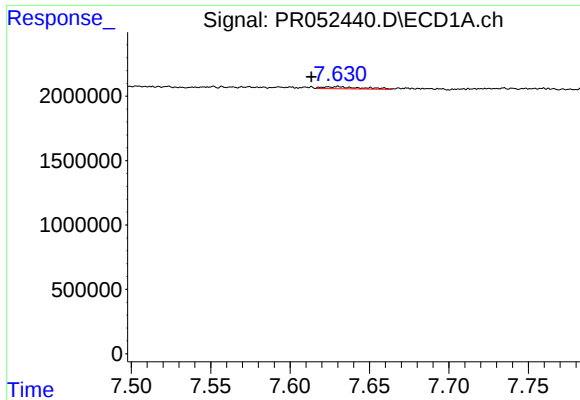
#28 AR-1254-3

R.T.: 7.299 min
Delta R.T.: -0.031 min
Response: 304291
Conc: 1.45 ng/ml



#28 AR-1254-3

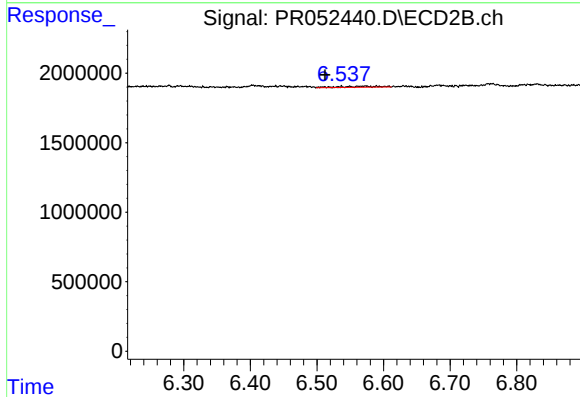
R.T.: 0.000 min
Exp R.T.: 6.286 min
Response: 0
Conc: N.D.



#29 AR-1254-4

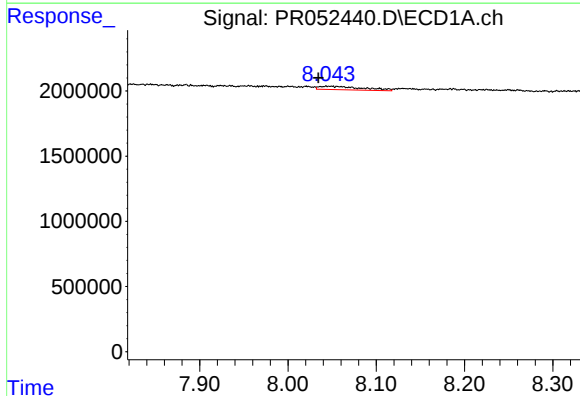
R.T.: 7.630 min
Delta R.T.: 0.017 min
Response: 291990
Conc: 1.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



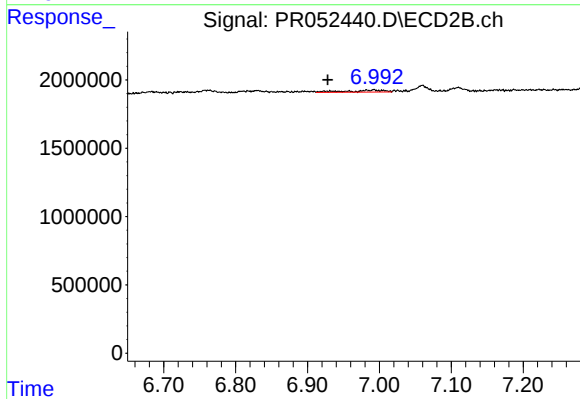
#29 AR-1254-4

R.T.: 6.537 min
Delta R.T.: 0.025 min
Response: 317060
Conc: 2.45 ng/ml



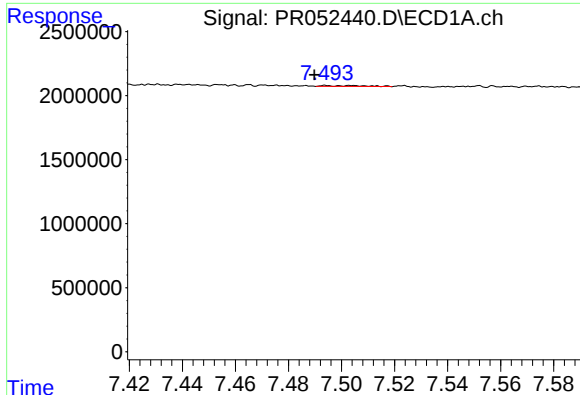
#30 AR-1254-5

R.T.: 8.047 min
Delta R.T.: 0.012 min
Response: 918115
Conc: 5.32 ng/ml



#30 AR-1254-5

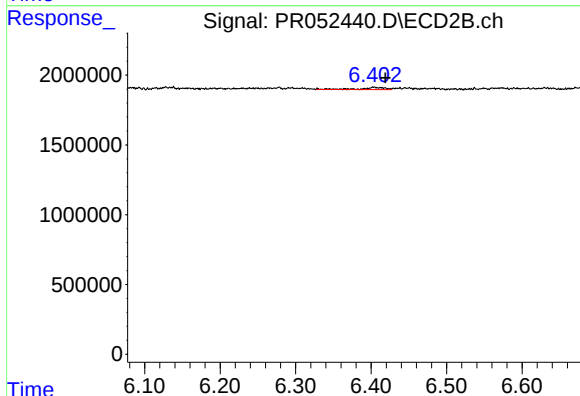
R.T.: 6.992 min
Delta R.T.: 0.064 min
Response: 490910
Conc: 2.68 ng/ml



#31 AR-1260-1

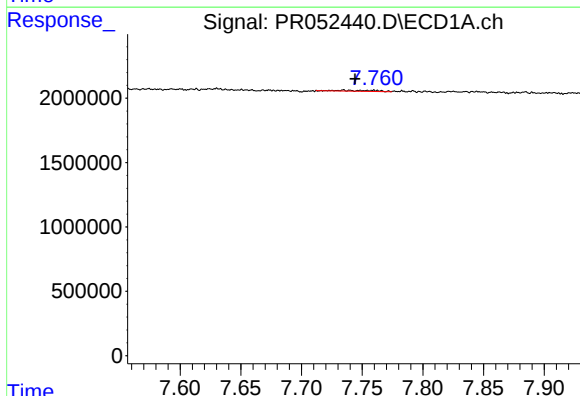
R.T.: 7.504 min
Delta R.T.: 0.014 min
Response: 65061
Conc: 0.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



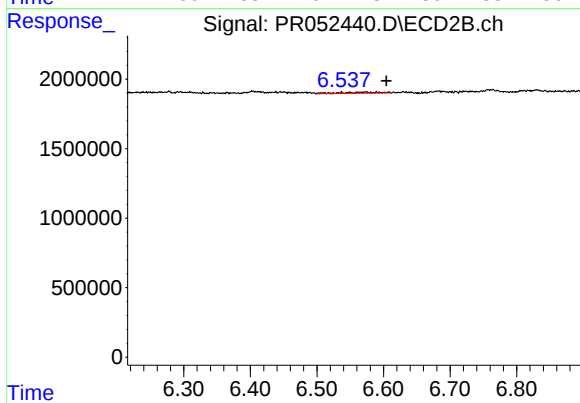
#31 AR-1260-1

R.T.: 6.404 min
Delta R.T.: -0.015 min
Response: 384039
Conc: 3.01 ng/ml



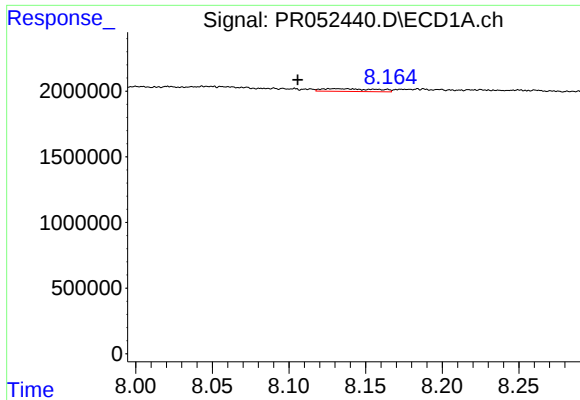
#32 AR-1260-2

R.T.: 7.734 min
Delta R.T.: -0.010 min
Response: 161219
Conc: 0.90 ng/ml



#32 AR-1260-2

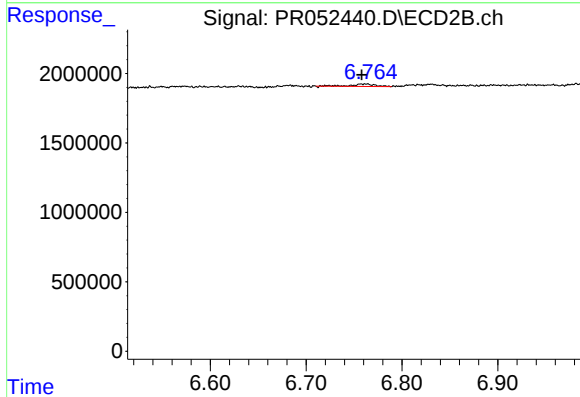
R.T.: 6.537 min
Delta R.T.: -0.067 min
Response: 317060
Conc: 2.12 ng/ml



#33 AR-1260-3

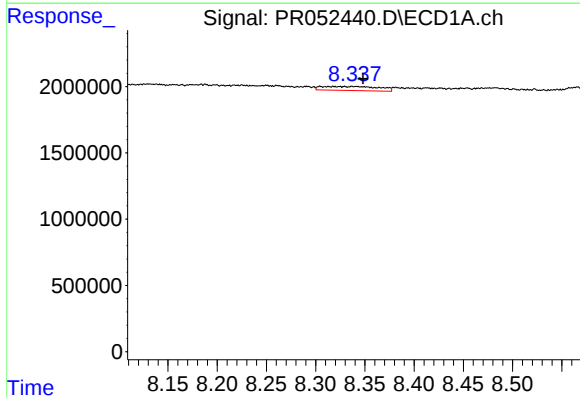
R.T.: 8.130 min
Delta R.T.: 0.024 min
Response: 508561
Conc: 3.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



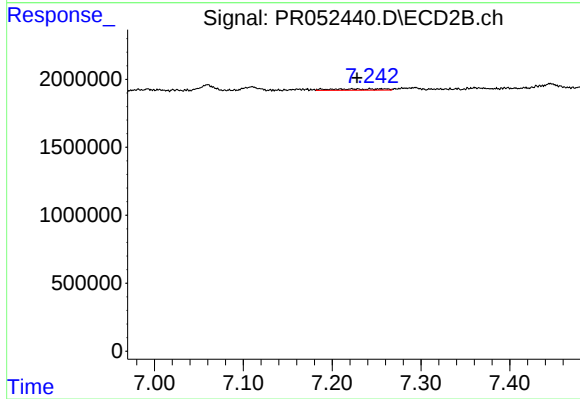
#33 AR-1260-3

R.T.: 6.761 min
Delta R.T.: 0.003 min
Response: 309813
Conc: 2.09 ng/ml



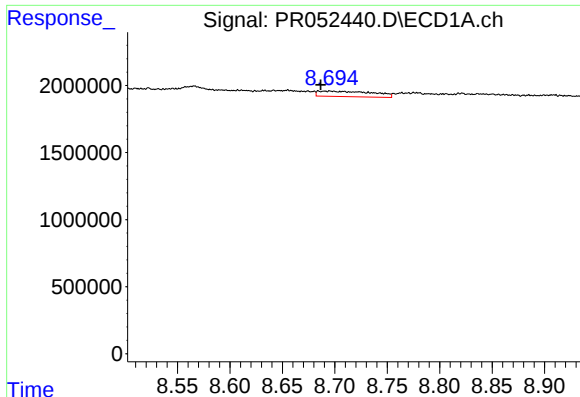
#34 AR-1260-4

R.T.: 8.329 min
Delta R.T.: -0.020 min
Response: 1233871
Conc: 7.46 ng/ml



#34 AR-1260-4

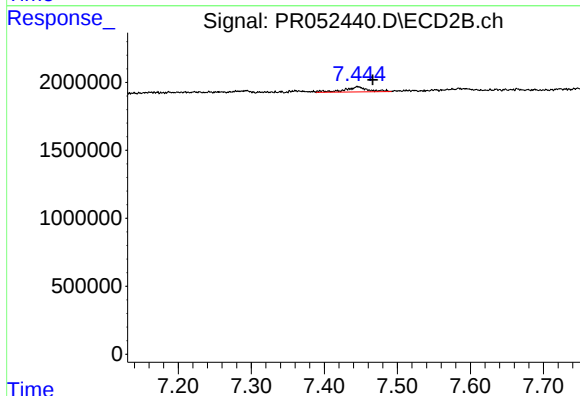
R.T.: 7.209 min
Delta R.T.: -0.019 min
Response: 410043
Conc: 3.38 ng/ml



#35 AR-1260-5

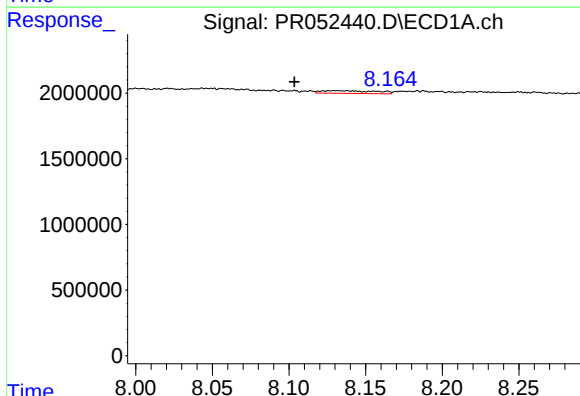
R.T.: 8.695 min
Delta R.T.: 0.008 min
Response: 1482268
Conc: 4.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



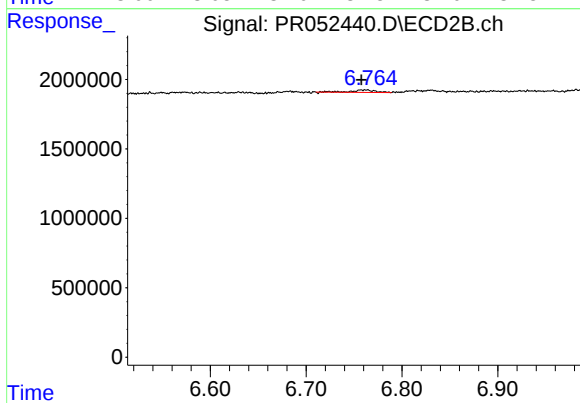
#35 AR-1260-5

R.T.: 7.446 min
Delta R.T.: -0.020 min
Response: 817829
Conc: 2.64 ng/ml



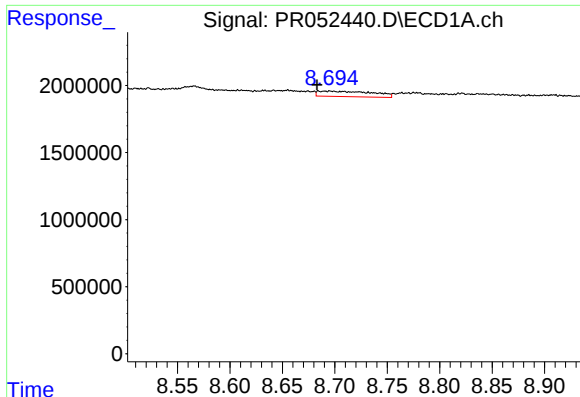
#36 AR-1262-1

R.T.: 8.130 min
Delta R.T.: 0.027 min
Response: 508561
Conc: 2.46 ng/ml



#36 AR-1262-1

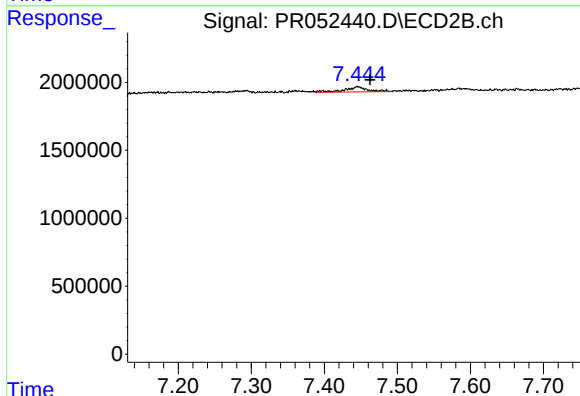
R.T.: 6.761 min
Delta R.T.: 0.003 min
Response: 309813
Conc: 2.45 ng/ml



#37 AR-1262-2

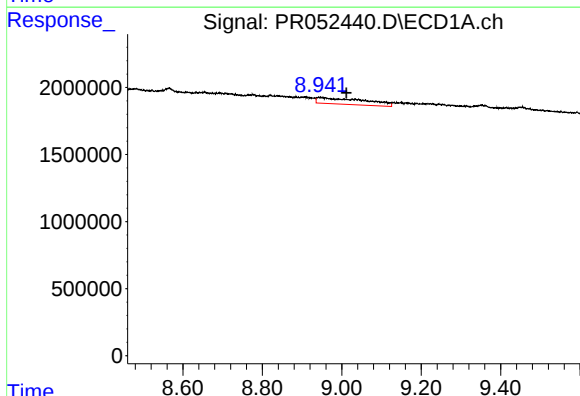
R.T.: 8.695 min
Delta R.T.: 0.012 min
Response: 1482268
Conc: 3.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



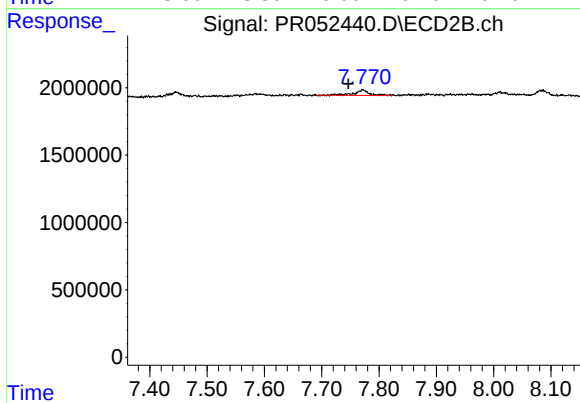
#37 AR-1262-2

R.T.: 7.446 min
Delta R.T.: -0.017 min
Response: 817829
Conc: 2.40 ng/ml



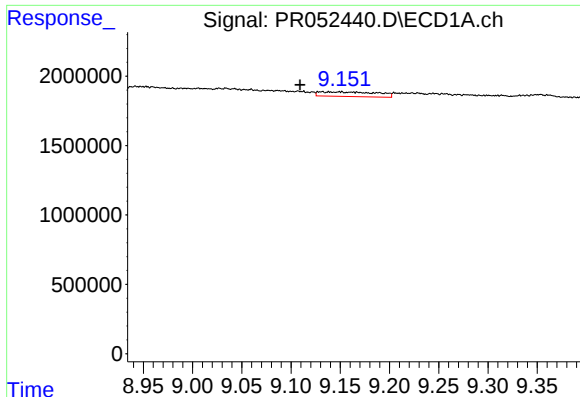
#38 AR-1262-3

R.T.: 8.943 min
Delta R.T.: -0.069 min
Response: 3930001
Conc: 23.21 ng/ml



#38 AR-1262-3

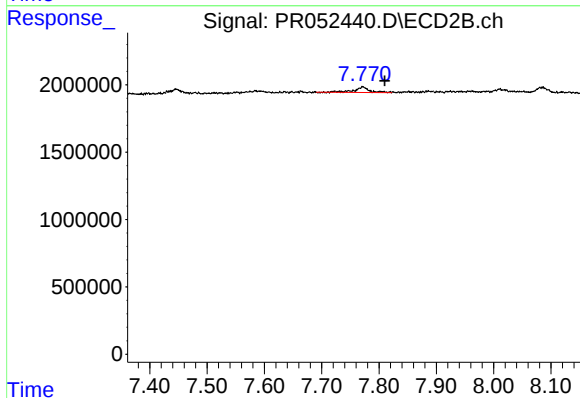
R.T.: 7.772 min
Delta R.T.: 0.025 min
Response: 761047
Conc: 5.46 ng/ml



#39 AR-1262-4

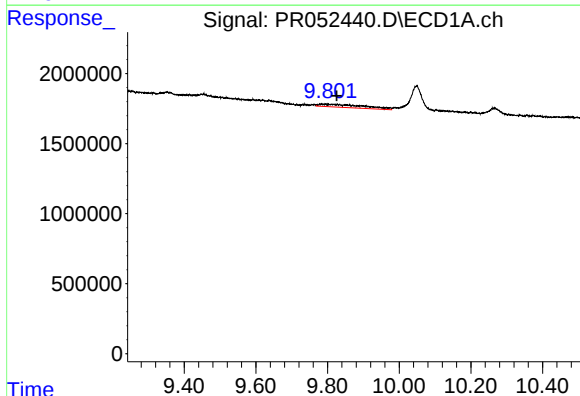
R.T.: 9.149 min
Delta R.T.: 0.040 min
Response: 1358947
Conc: 11.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



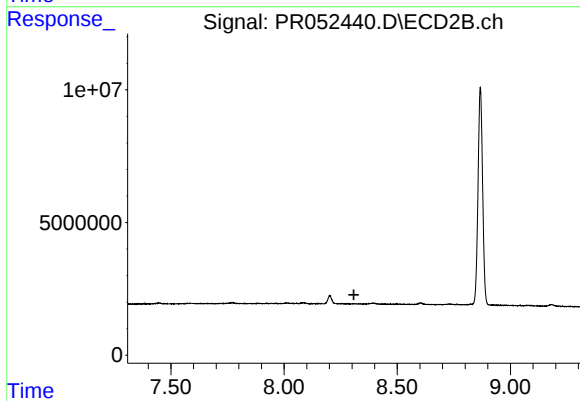
#39 AR-1262-4

R.T.: 7.772 min
Delta R.T.: -0.038 min
Response: 761047
Conc: 2.83 ng/ml



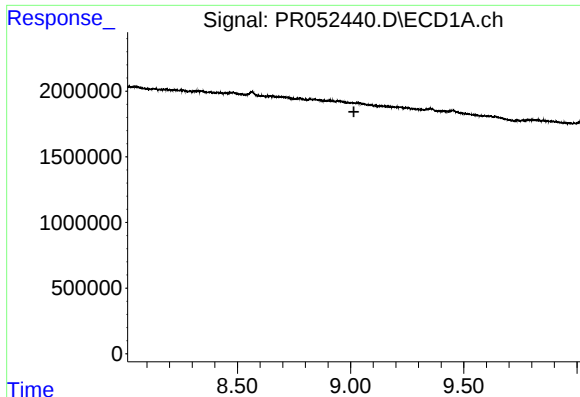
#40 AR-1262-5

R.T.: 9.794 min
Delta R.T.: -0.031 min
Response: 1861188
Conc: 12.56 ng/ml



#40 AR-1262-5

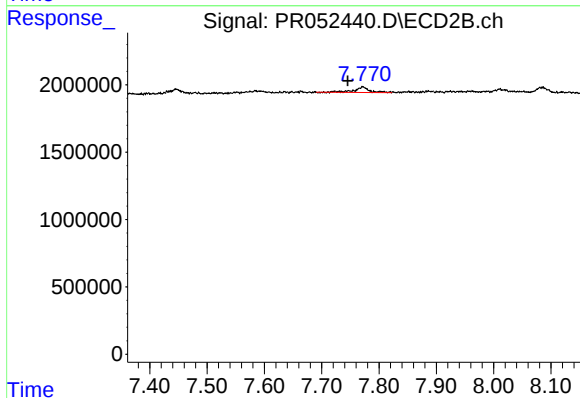
R.T.: 0.000 min
Exp R.T.: 8.308 min
Response: 0
Conc: N.D.



#41 AR-1268-1

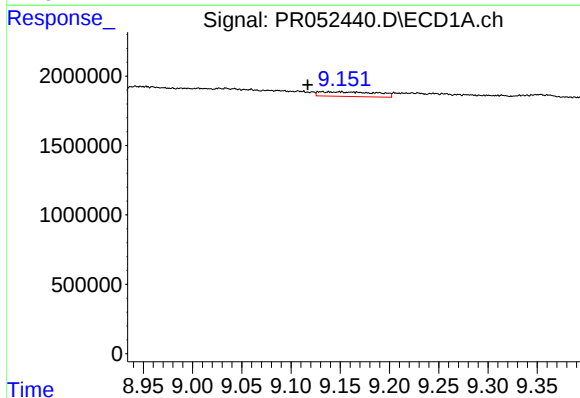
R.T.: 0.000 min
Exp R.T.: 9.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



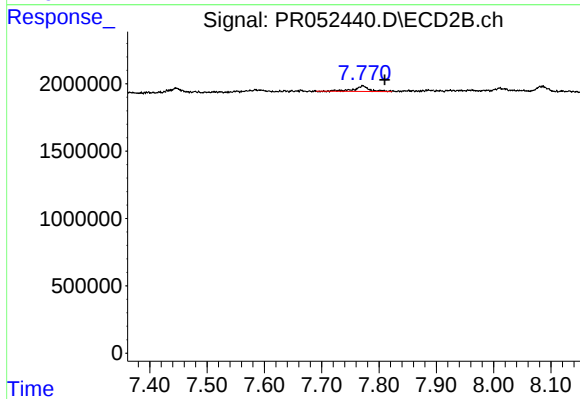
#41 AR-1268-1

R.T.: 7.772 min
Delta R.T.: 0.026 min
Response: 761047
Conc: 1.91 ng/ml



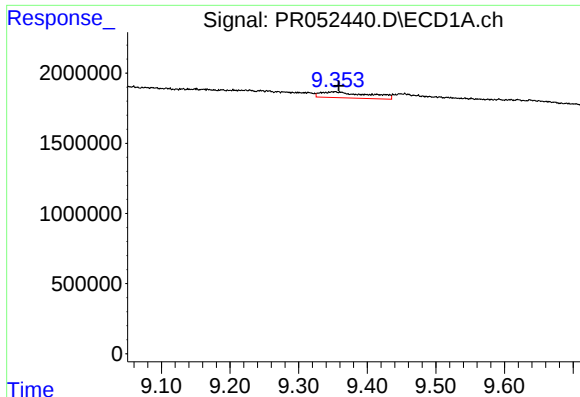
#42 AR-1268-2

R.T.: 9.149 min
Delta R.T.: 0.032 min
Response: 1358947
Conc: 3.35 ng/ml



#42 AR-1268-2

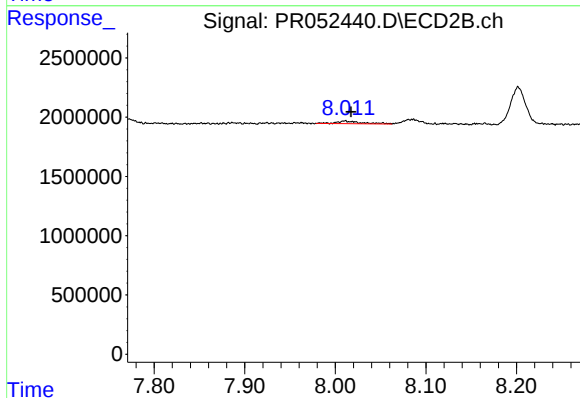
R.T.: 7.772 min
Delta R.T.: -0.038 min
Response: 761047
Conc: 1.96 ng/ml



#43 AR-1268-3

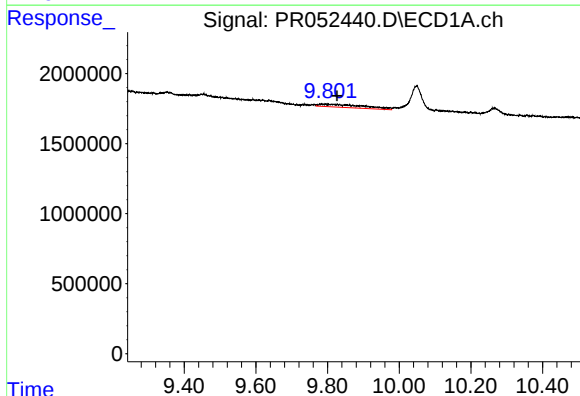
R.T.: 9.352 min
Delta R.T.: -0.007 min
Response: 2052663
Conc: 5.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



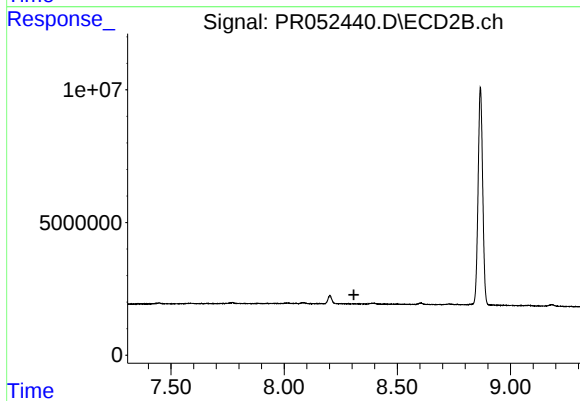
#43 AR-1268-3

R.T.: 8.011 min
Delta R.T.: -0.006 min
Response: 417193
Conc: 1.23 ng/ml



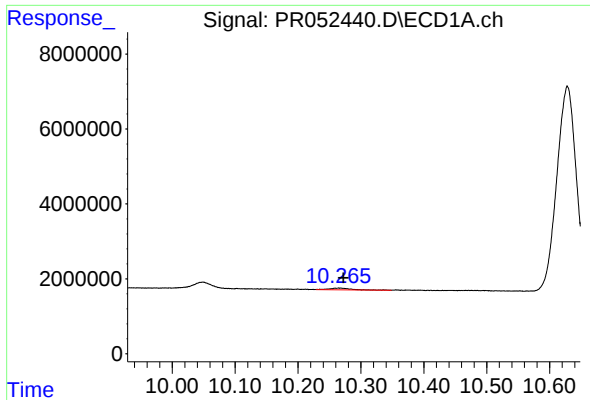
#44 AR-1268-4

R.T.: 9.794 min
Delta R.T.: -0.032 min
Response: 1861188
Conc: 11.43 ng/ml



#44 AR-1268-4

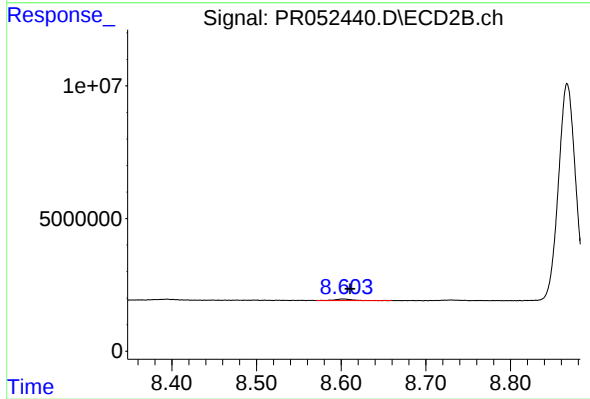
R.T.: 0.000 min
Exp R.T. : 8.308 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.265 min
Delta R.T.: -0.007 min
Response: 1159607
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.603 min
Delta R.T.: -0.008 min
Response: 655062
Conc: 0.55 ng/ml