

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR041123\
 Data File : PR060862.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2023 18:39
 Operator : AJ\MA
 Sample : 02246-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 22:28:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040323CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 04:06:01 2023
 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...	3.687	2.900	68584674	86468494	20.109	18.650
2) SA Decachlor...	9.659	8.128	90760281	127.5E6	31.395	28.937
Target Compounds						
3) L1 AR-1016-1	4.948	4.039	2340687	580822	21.351	3.782 #
4) L1 AR-1016-2	4.948	4.039	2340687	580822	15.019	2.609 #
5) L1 AR-1016-3	5.014	4.170	1146545	215587	11.646	1.874 #
6) L1 AR-1016-4	5.108	4.243	1981200	482535	25.134	5.366 #
7) L1 AR-1016-5	5.424	4.413f	2449267	425209	31.268	3.619 #
8) L2 AR-1221-1	3.897	3.107	10775787	140005	259.921	2.822 #
9) L2 AR-1221-2	4.002	3.179	1103528	9848446	38.619	275.778 #
10) L2 AR-1221-3	0.000	3.283	0	430947	N.D.	3.567 #
11) L3 AR-1232-1	0.000	3.283	0	430947	N.D.	4.286 #
12) L3 AR-1232-2	4.627	4.039	2291103	580822	62.567	5.976 #
13) L3 AR-1232-3	4.948	4.170	2340687	215587	32.672	4.383 #
14) L3 AR-1232-4	5.108	4.303	1981200	3976385	54.320	92.433 #
15) L3 AR-1232-5	5.264f	4.413f	1056864	425209	38.993	8.750 #
16) L4 AR-1242-1	4.948	4.039	2340687	580822	25.451	4.658 #
17) L4 AR-1242-2	4.948	4.039	2340687	580822	18.178	3.234 #
18) L4 AR-1242-3	5.014	4.170f	1146545	215587	13.899	2.327 #
19) L4 AR-1242-4	5.108	4.303	1981200	3976385	29.667	45.269 #
20) L4 AR-1242-5	5.912	4.834	280584	745334	4.061	6.420 #
21) L5 AR-1248-1	4.948	4.039	2340687	580822	33.287	6.036 #
22) L5 AR-1248-2	5.264f	4.243	1056864	482535	11.086	3.585 #
23) L5 AR-1248-3	5.424	4.303	2449267	3976385	22.008	29.193 #
24) L5 AR-1248-4	5.885	4.413f	2780656	425209	22.195	2.555 #
25) L5 AR-1248-5	5.912	4.888	280584	123776	2.315	0.726 #
26) L6 AR-1254-1	5.885f	4.834	2780656	745334	23.525	2.950 #
27) L6 AR-1254-2	6.076	5.000	1014717	508650	5.352	2.319 #
28) L6 AR-1254-3	6.461	5.415	937517	839520	4.628	2.300 #
29) L6 AR-1254-4	6.824f	5.657	1060171	471744	6.961	2.055 #
30) L6 AR-1254-5	7.240	6.105	520765	6946715	3.185	20.943 #
31) L7 AR-1260-1	6.650	5.567	1717788	1983038	11.122	7.785 #
32) L7 AR-1260-2	6.928	5.761	1894995	1155583	10.282	3.682 #
33) L7 AR-1260-3	7.330	5.927	671554	1502985	4.920	5.220
34) L7 AR-1260-4	7.591	6.419	830731	1431126	5.255	5.841
35) L7 AR-1260-5	7.909	6.691	3090554	3059969	10.106	5.175 #
36) L8 AR-1262-1	7.330	6.149	671554	1573071	3.359	4.504 #
37) L8 AR-1262-2	7.909	6.419	3090554	1431126	8.690	4.513 #
38) L8 AR-1262-3	8.236	6.998	839449	1521840	3.411	6.070 #
39) L8 AR-1262-4	8.347	7.057	534793	1522038	2.855	3.125
40) L8 AR-1262-5	8.954	7.605	599610	1204569	4.407	5.419
41) L9 AR-1268-1	8.236	6.998	839449	1521840	2.500	2.535

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Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 04 04:06:01 2023
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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	8.347	7.057	534793	1522038	1.751	2.785 #
43)	L9 AR-1268-3	0.000	7.282	0	670072	N.D.	1.446 #
44)	L9 AR-1268-4	8.954	7.605	599610	1204569	4.975	6.161
45)	L9 AR-1268-5	9.344	7.889	1637740	1150425	1.865	0.758 #

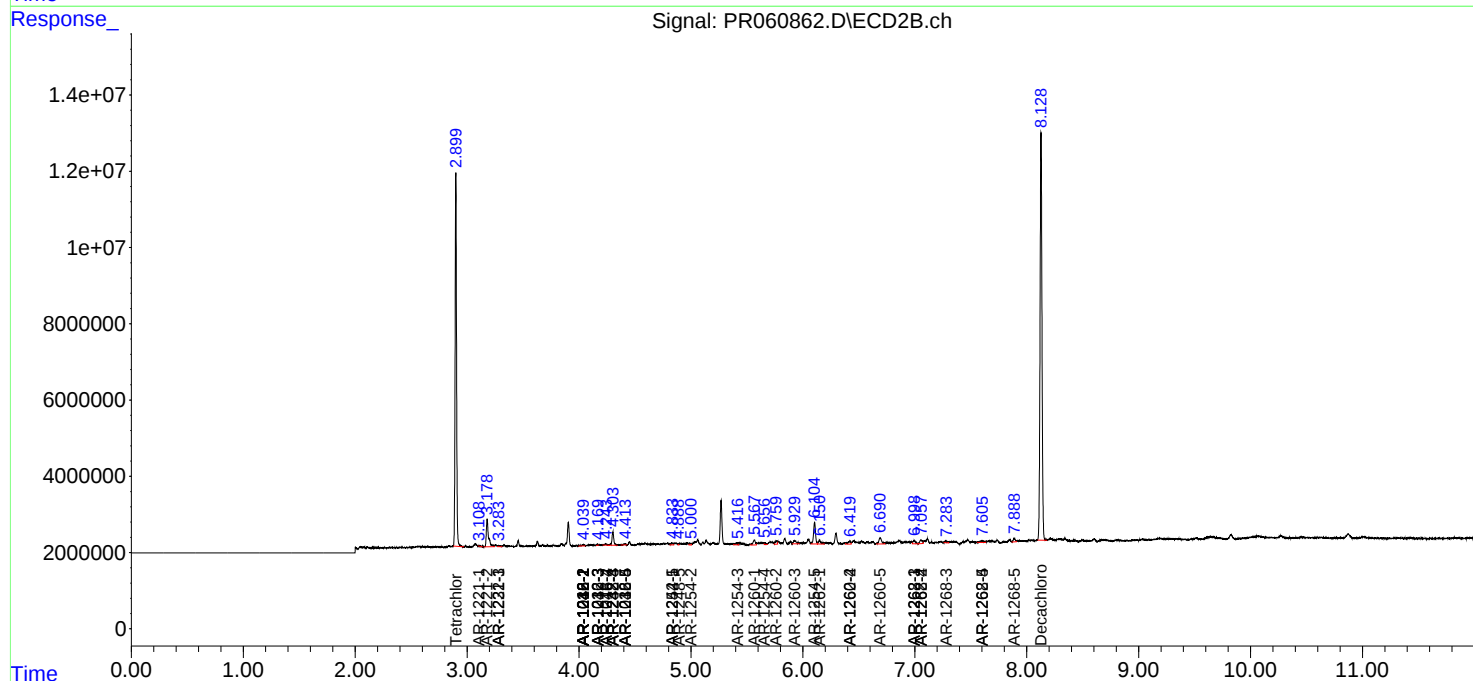
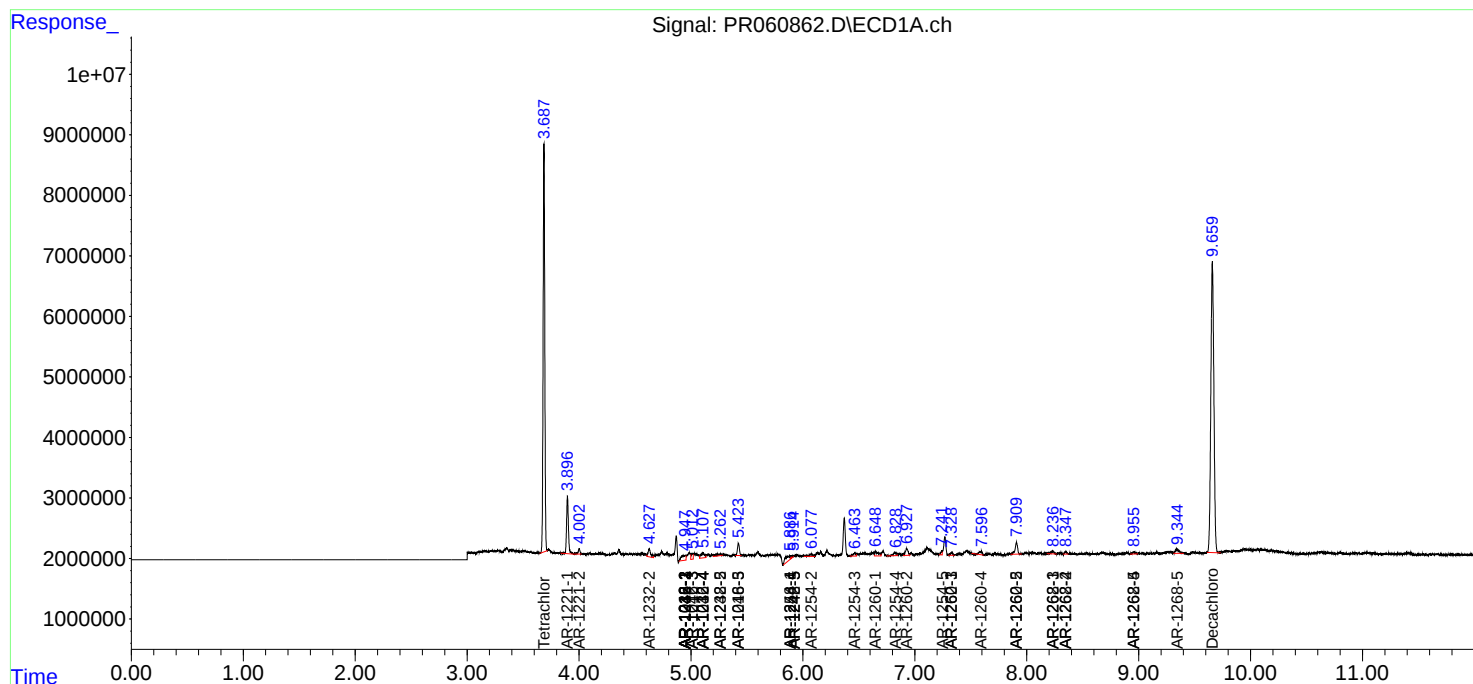
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

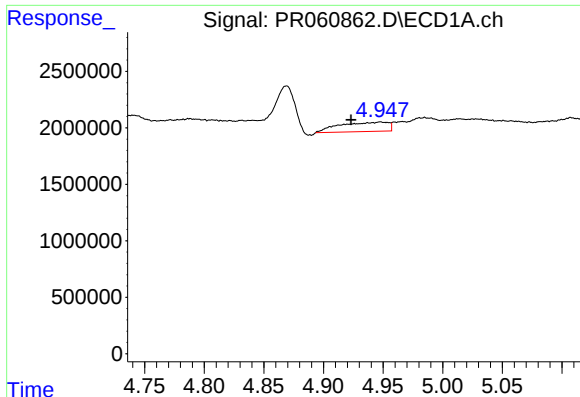
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR041123\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

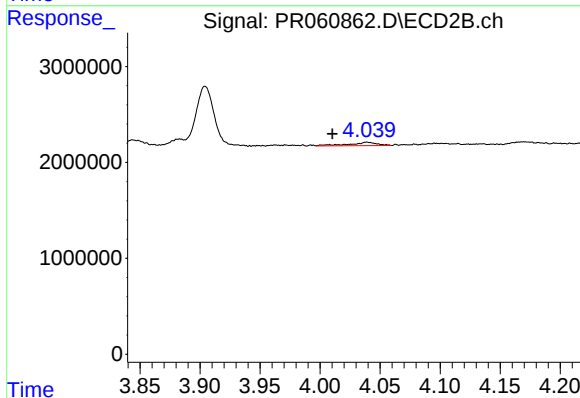




#3 AR-1016-1

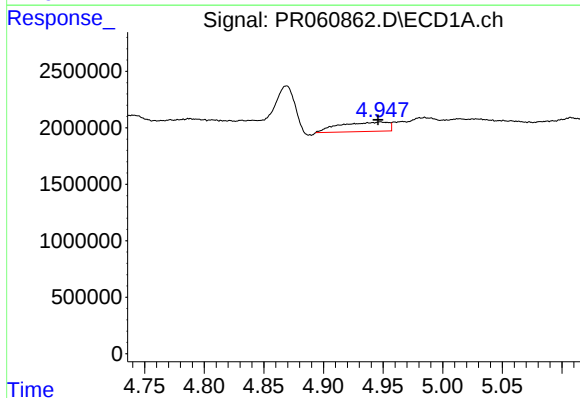
R.T.: 4.948 min
Delta R.T.: 0.024 min
Response: 2340687
Conc: 21.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



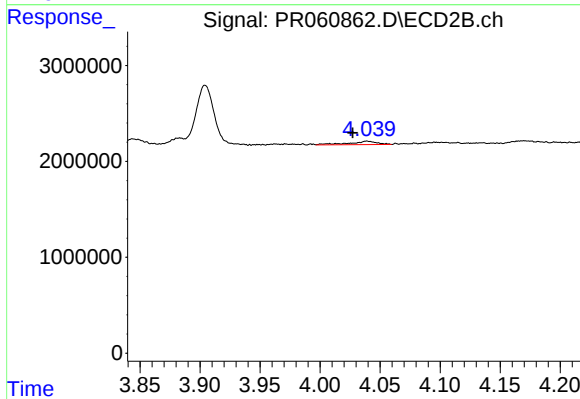
#3 AR-1016-1

R.T.: 4.039 min
Delta R.T.: 0.029 min
Response: 580822
Conc: 3.78 ng/ml



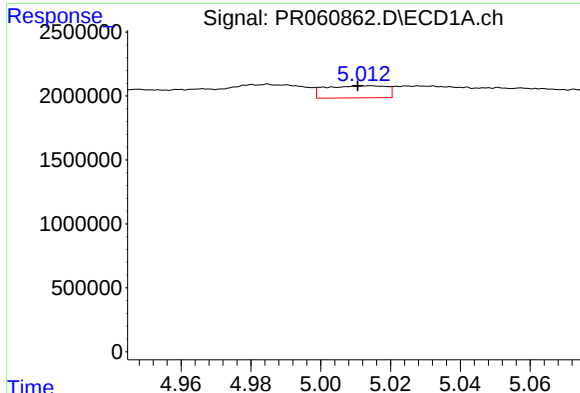
#4 AR-1016-2

R.T.: 4.948 min
Delta R.T.: 0.002 min
Response: 2340687
Conc: 15.02 ng/ml



#4 AR-1016-2

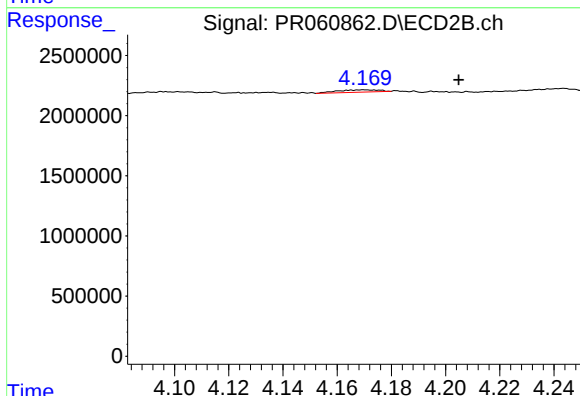
R.T.: 4.039 min
Delta R.T.: 0.012 min
Response: 580822
Conc: 2.61 ng/ml



#5 AR-1016-3

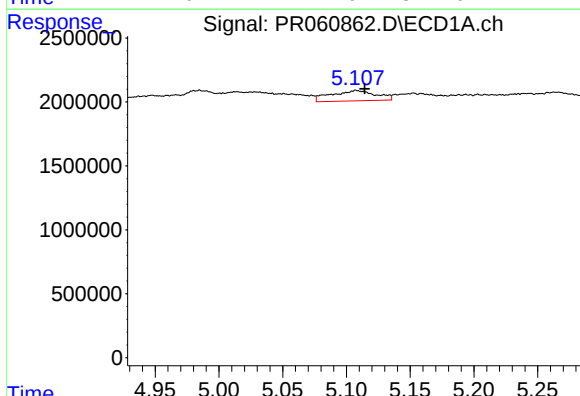
R.T.: 5.014 min
Delta R.T.: 0.003 min
Response: 1146545
Conc: 11.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



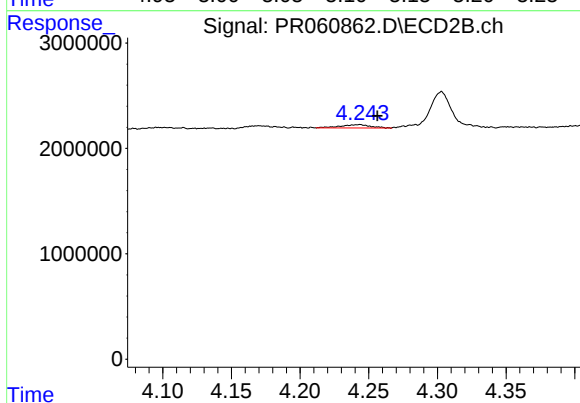
#5 AR-1016-3

R.T.: 4.170 min
Delta R.T.: -0.035 min
Response: 215587
Conc: 1.87 ng/ml



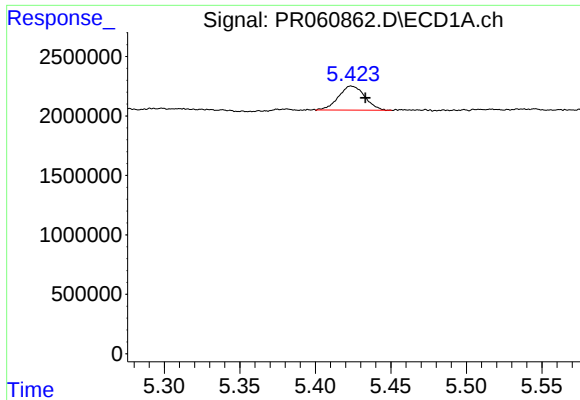
#6 AR-1016-4

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 1981200
Conc: 25.13 ng/ml



#6 AR-1016-4

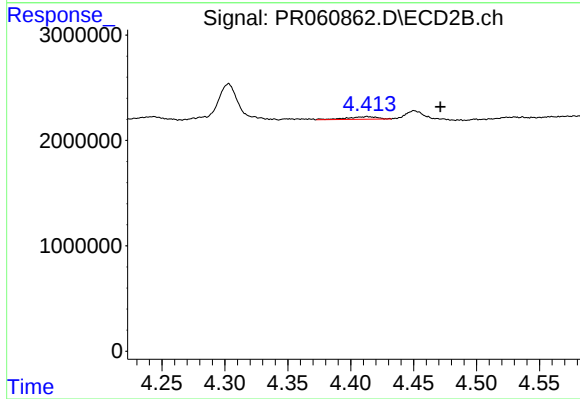
R.T.: 4.243 min
Delta R.T.: -0.013 min
Response: 482535
Conc: 5.37 ng/ml



#7 AR-1016-5

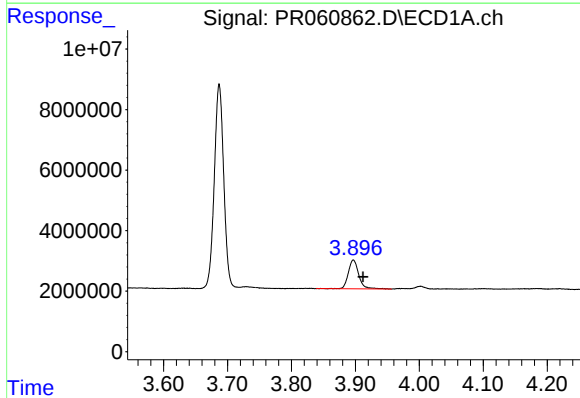
R.T.: 5.424 min
Delta R.T.: -0.009 min
Response: 2449267
Conc: 31.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



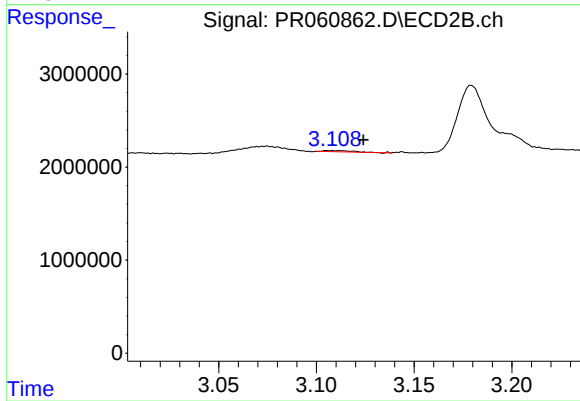
#7 AR-1016-5

R.T.: 4.413 min
Delta R.T.: -0.058 min
Response: 425209
Conc: 3.62 ng/ml



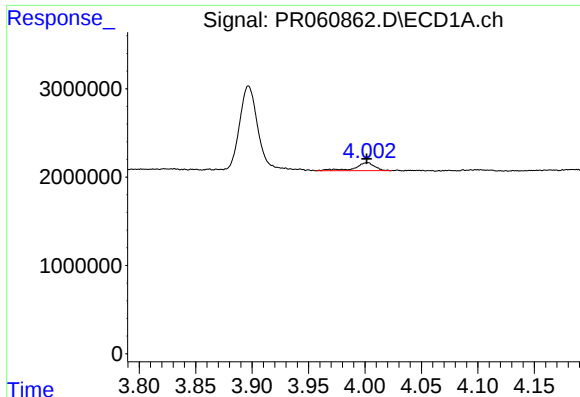
#8 AR-1221-1

R.T.: 3.897 min
Delta R.T.: -0.015 min
Response: 10775787
Conc: 259.92 ng/ml



#8 AR-1221-1

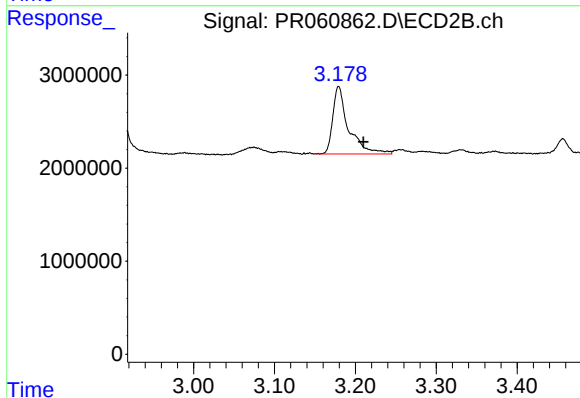
R.T.: 3.107 min
Delta R.T.: -0.017 min
Response: 140005
Conc: 2.82 ng/ml



#9 AR-1221-2

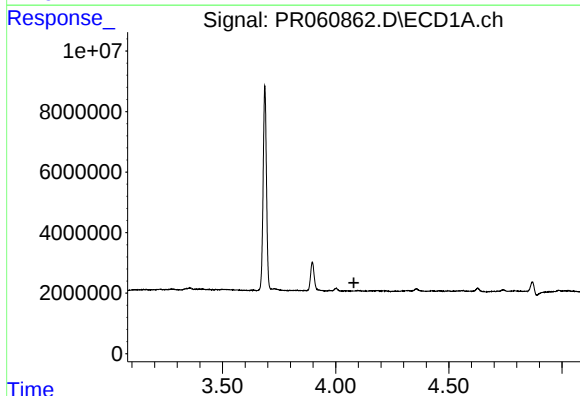
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 1103528
Conc: 38.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



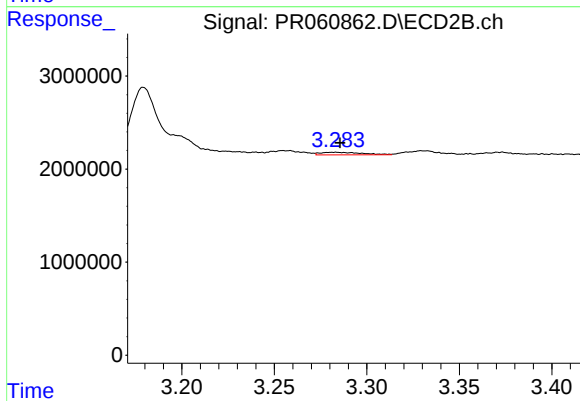
#9 AR-1221-2

R.T.: 3.179 min
Delta R.T.: -0.031 min
Response: 9848446
Conc: 275.78 ng/ml



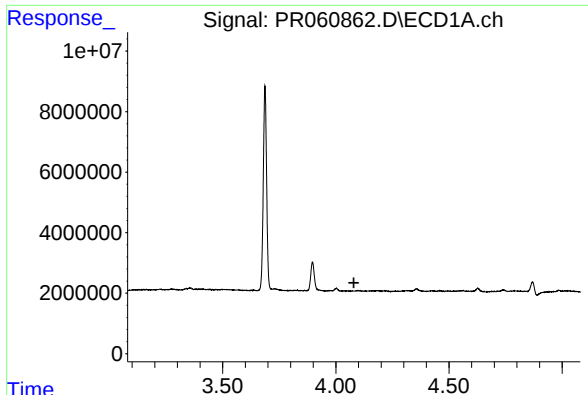
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.080 min
Response: 0
Conc: N.D.



#10 AR-1221-3

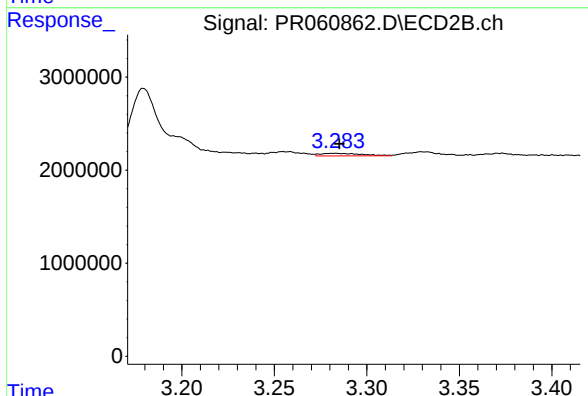
R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 430947
Conc: 3.57 ng/ml



#11 AR-1232-1

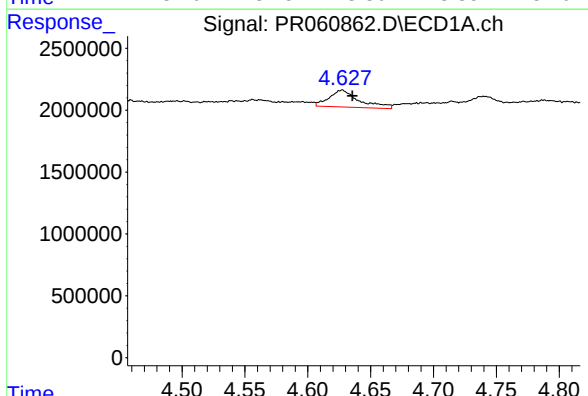
R.T.: 0.000 min
Exp R.T.: 4.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



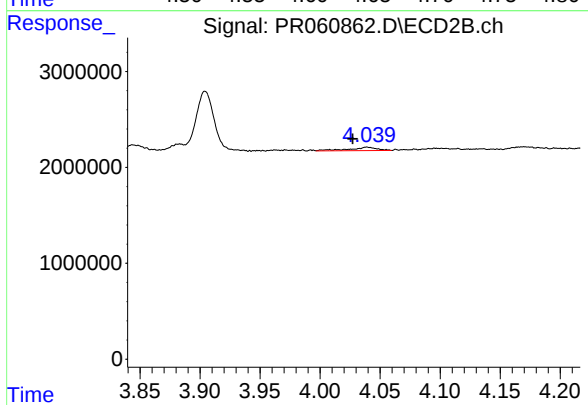
#11 AR-1232-1

R.T.: 3.283 min
Delta R.T.: -0.002 min
Response: 430947
Conc: 4.29 ng/ml



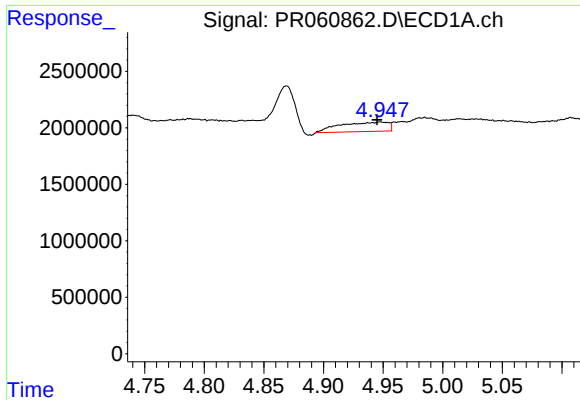
#12 AR-1232-2

R.T.: 4.627 min
Delta R.T.: -0.008 min
Response: 2291103
Conc: 62.57 ng/ml



#12 AR-1232-2

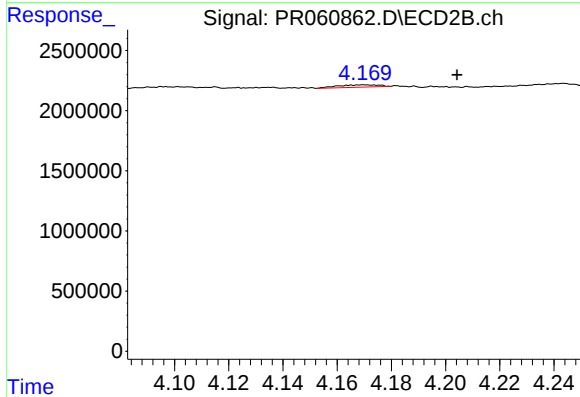
R.T.: 4.039 min
Delta R.T.: 0.012 min
Response: 580822
Conc: 5.98 ng/ml



#13 AR-1232-3

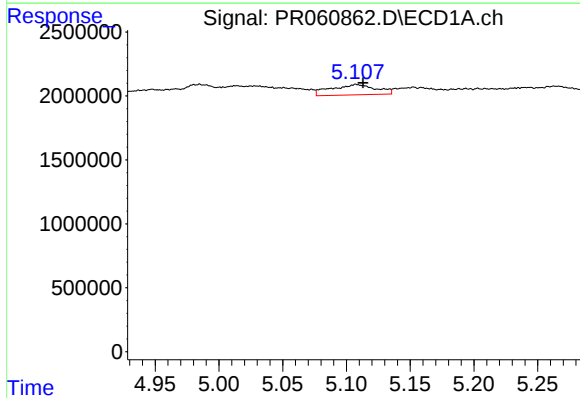
R.T.: 4.948 min
Delta R.T.: 0.003 min
Response: 2340687
Conc: 32.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



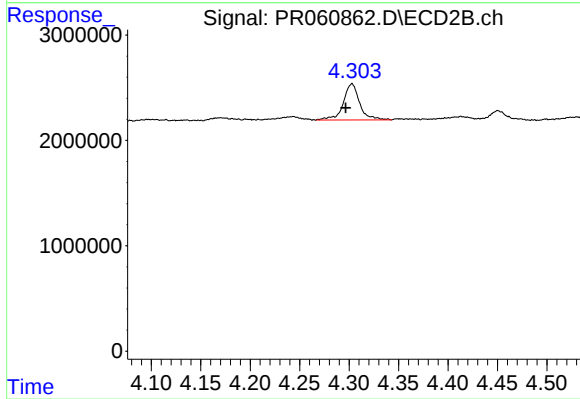
#13 AR-1232-3

R.T.: 4.170 min
Delta R.T.: -0.034 min
Response: 215587
Conc: 4.38 ng/ml



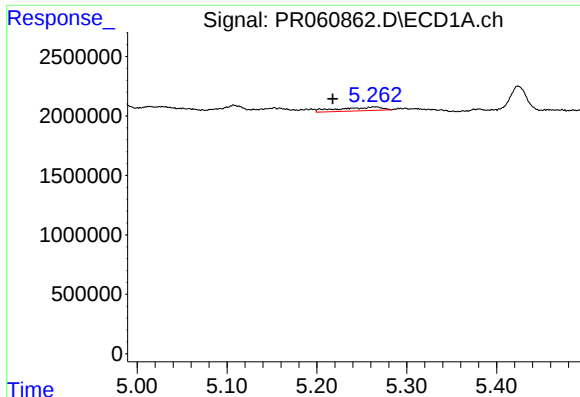
#14 AR-1232-4

R.T.: 5.108 min
Delta R.T.: -0.005 min
Response: 1981200
Conc: 54.32 ng/ml



#14 AR-1232-4

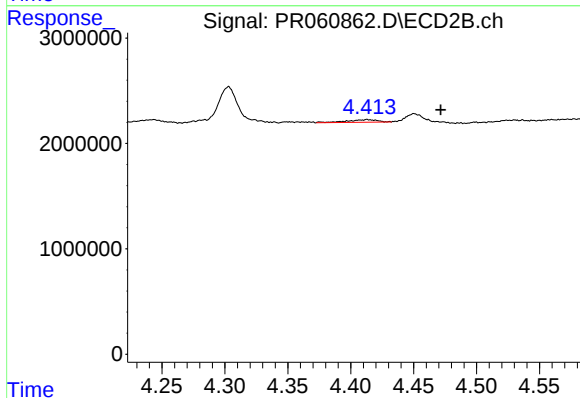
R.T.: 4.303 min
Delta R.T.: 0.006 min
Response: 3976385
Conc: 92.43 ng/ml



#15 AR-1232-5

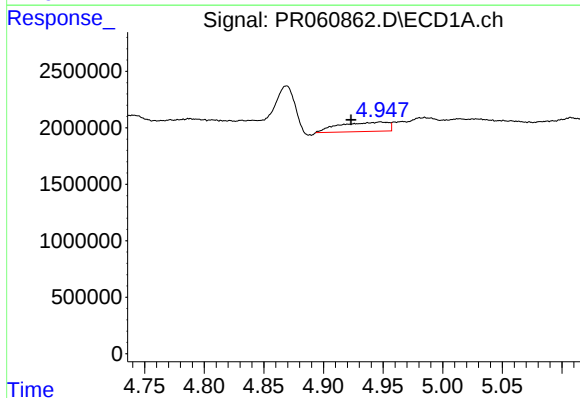
R.T.: 5.264 min
Delta R.T.: 0.046 min
Response: 1056864
Conc: 38.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



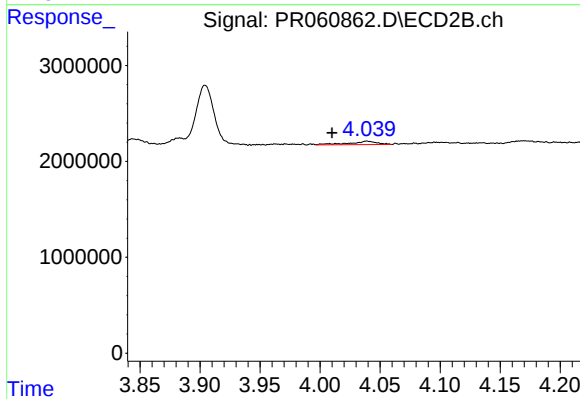
#15 AR-1232-5

R.T.: 4.413 min
Delta R.T.: -0.058 min
Response: 425209
Conc: 8.75 ng/ml



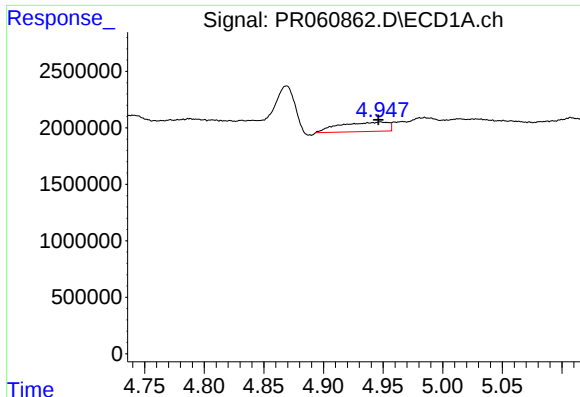
#16 AR-1242-1

R.T.: 4.948 min
Delta R.T.: 0.025 min
Response: 2340687
Conc: 25.45 ng/ml



#16 AR-1242-1

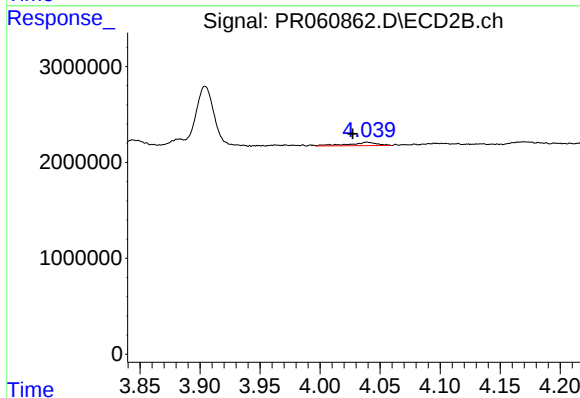
R.T.: 4.039 min
Delta R.T.: 0.029 min
Response: 580822
Conc: 4.66 ng/ml



#17 AR-1242-2

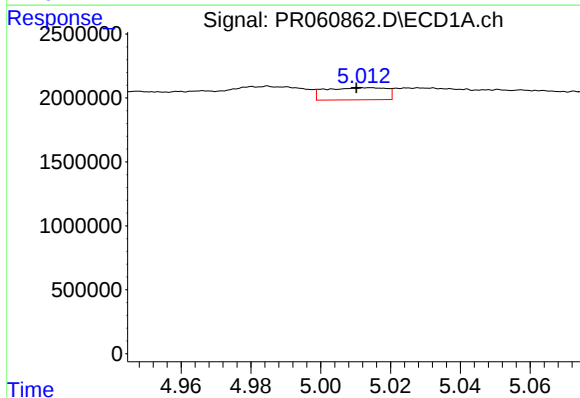
R.T.: 4.948 min
Delta R.T.: 0.002 min
Response: 2340687
Conc: 18.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



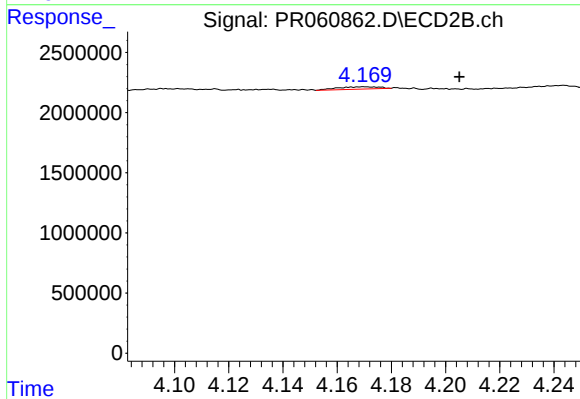
#17 AR-1242-2

R.T.: 4.039 min
Delta R.T.: 0.012 min
Response: 580822
Conc: 3.23 ng/ml



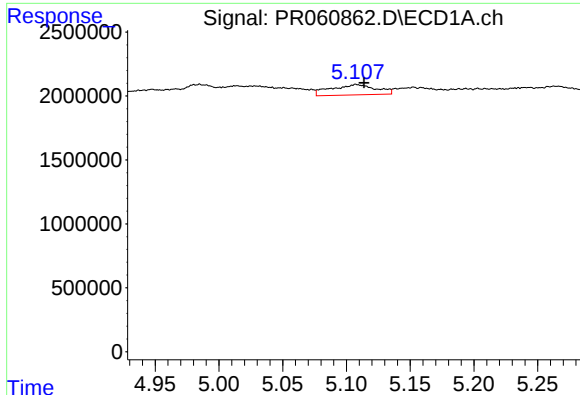
#18 AR-1242-3

R.T.: 5.014 min
Delta R.T.: 0.004 min
Response: 1146545
Conc: 13.90 ng/ml



#18 AR-1242-3

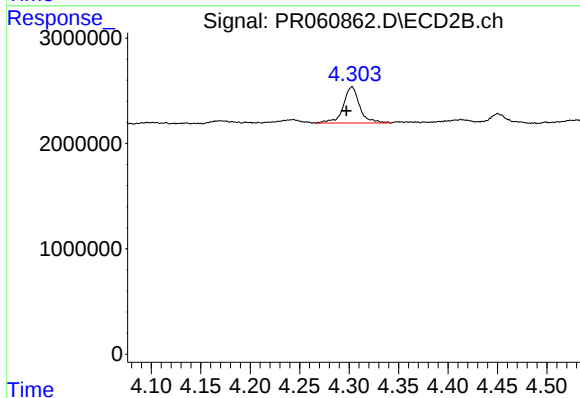
R.T.: 4.170 min
Delta R.T.: -0.035 min
Response: 215587
Conc: 2.33 ng/ml



#19 AR-1242-4

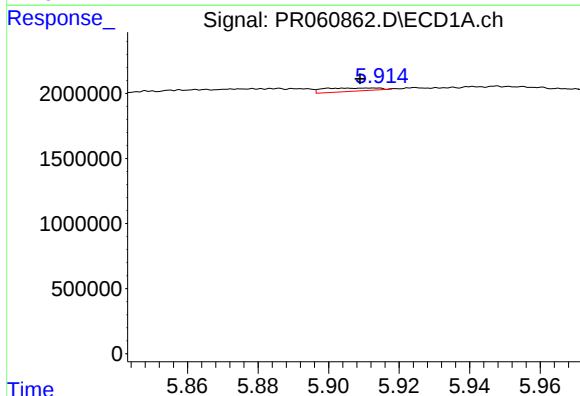
R.T.: 5.108 min
Delta R.T.: -0.006 min
Response: 1981200
Conc: 29.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



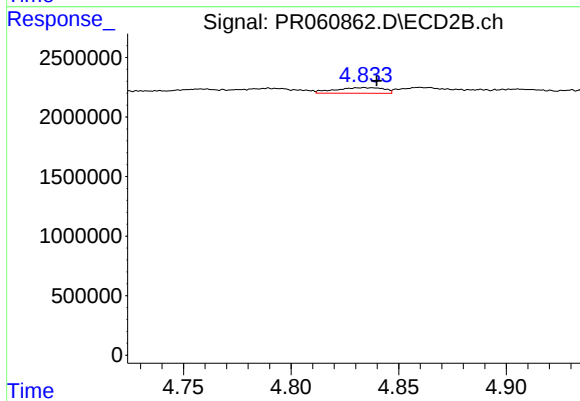
#19 AR-1242-4

R.T.: 4.303 min
Delta R.T.: 0.006 min
Response: 3976385
Conc: 45.27 ng/ml



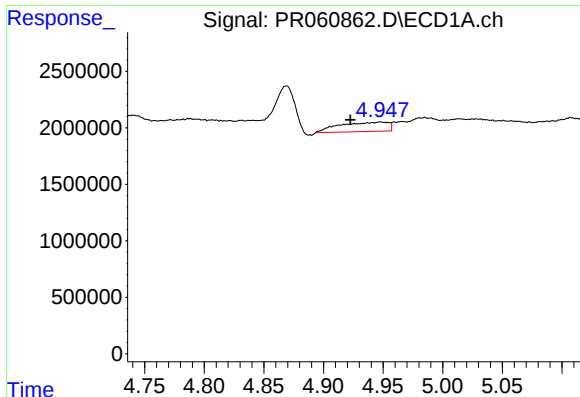
#20 AR-1242-5

R.T.: 5.912 min
Delta R.T.: 0.003 min
Response: 280584
Conc: 4.06 ng/ml



#20 AR-1242-5

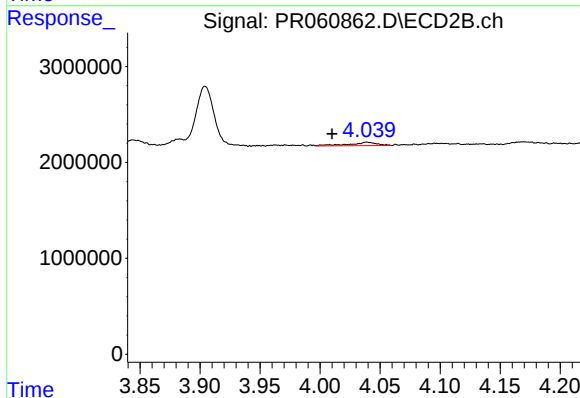
R.T.: 4.834 min
Delta R.T.: -0.006 min
Response: 745334
Conc: 6.42 ng/ml



#21 AR-1248-1

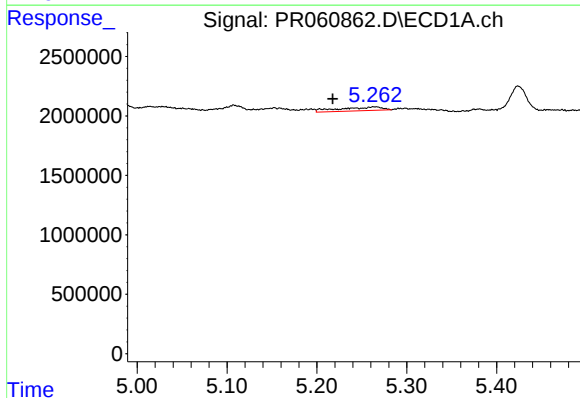
R.T.: 4.948 min
Delta R.T.: 0.025 min
Response: 2340687
Conc: 33.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



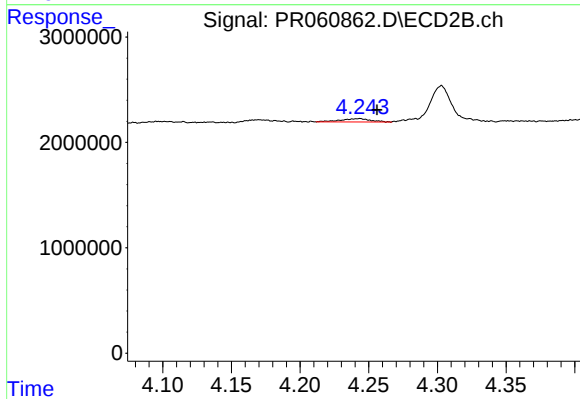
#21 AR-1248-1

R.T.: 4.039 min
Delta R.T.: 0.029 min
Response: 580822
Conc: 6.04 ng/ml



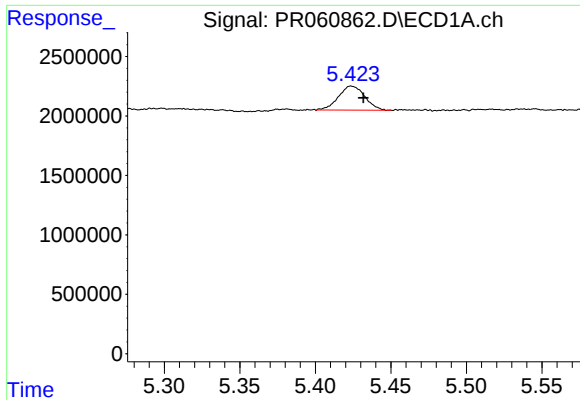
#22 AR-1248-2

R.T.: 5.264 min
Delta R.T.: 0.046 min
Response: 1056864
Conc: 11.09 ng/ml



#22 AR-1248-2

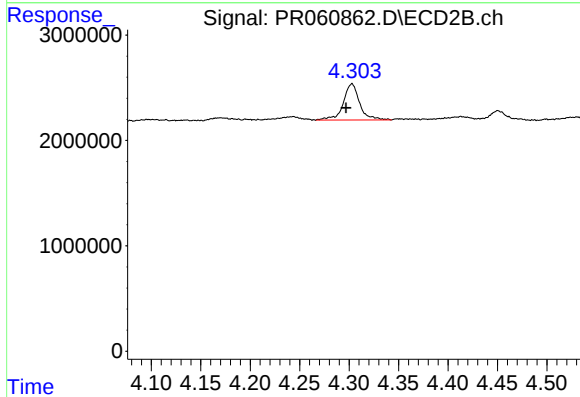
R.T.: 4.243 min
Delta R.T.: -0.013 min
Response: 482535
Conc: 3.58 ng/ml



#23 AR-1248-3

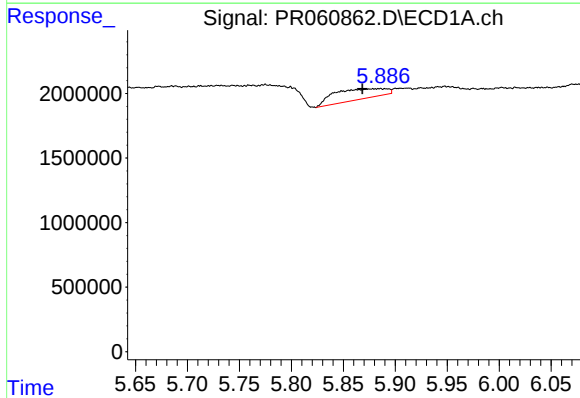
R.T.: 5.424 min
Delta R.T.: -0.008 min
Response: 2449267
Conc: 22.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



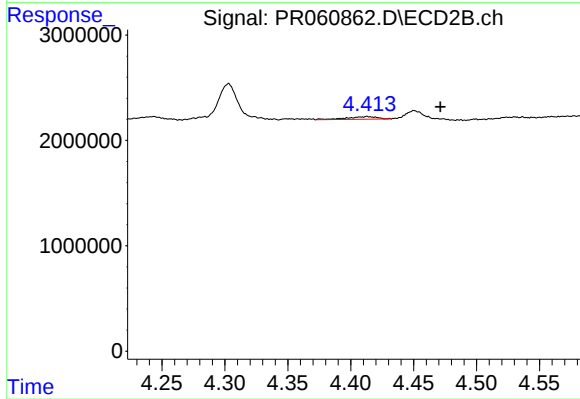
#23 AR-1248-3

R.T.: 4.303 min
Delta R.T.: 0.006 min
Response: 3976385
Conc: 29.19 ng/ml



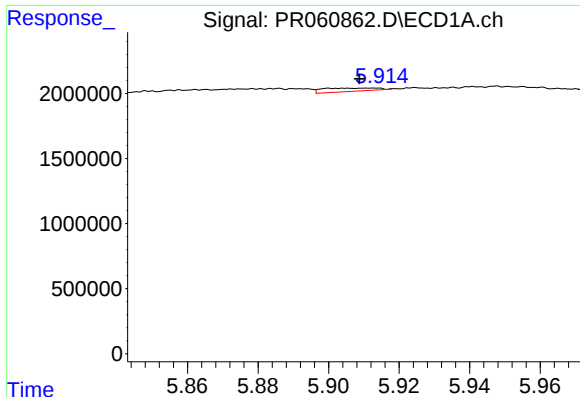
#24 AR-1248-4

R.T.: 5.885 min
Delta R.T.: 0.017 min
Response: 2780656
Conc: 22.19 ng/ml



#24 AR-1248-4

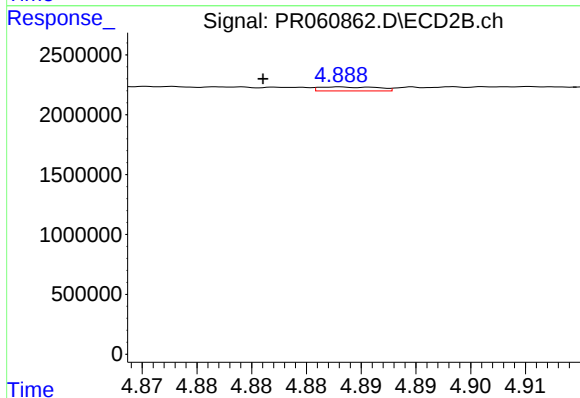
R.T.: 4.413 min
Delta R.T.: -0.058 min
Response: 425209
Conc: 2.55 ng/ml



#25 AR-1248-5

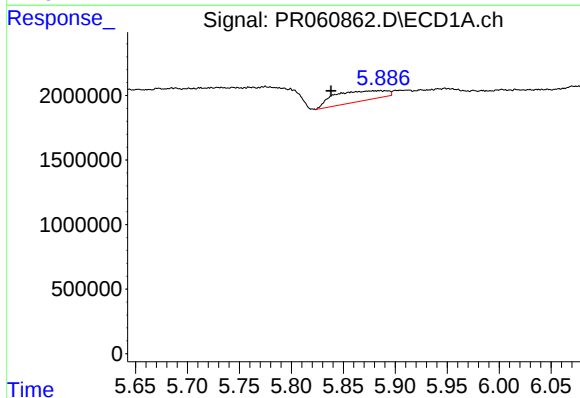
R.T.: 5.912 min
Delta R.T.: 0.003 min
Response: 280584
Conc: 2.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



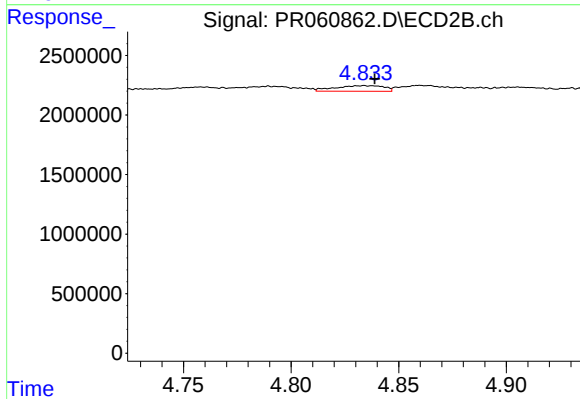
#25 AR-1248-5

R.T.: 4.888 min
Delta R.T.: 0.007 min
Response: 123776
Conc: 0.73 ng/ml



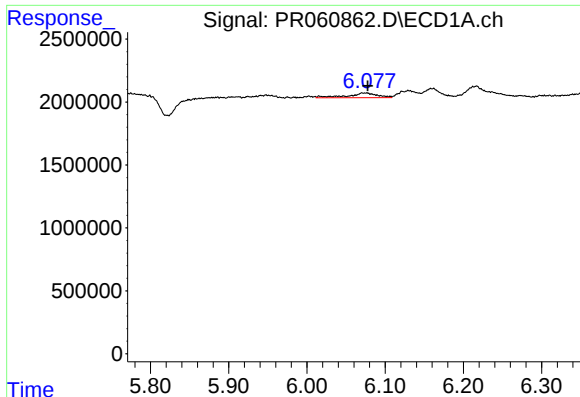
#26 AR-1254-1

R.T.: 5.885 min
Delta R.T.: 0.047 min
Response: 2780656
Conc: 23.53 ng/ml



#26 AR-1254-1

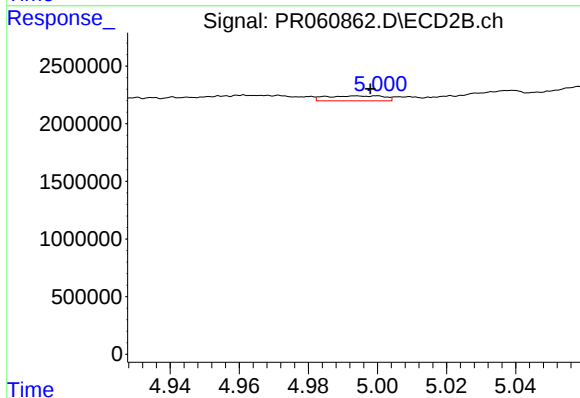
R.T.: 4.834 min
Delta R.T.: -0.005 min
Response: 745334
Conc: 2.95 ng/ml



#27 AR-1254-2

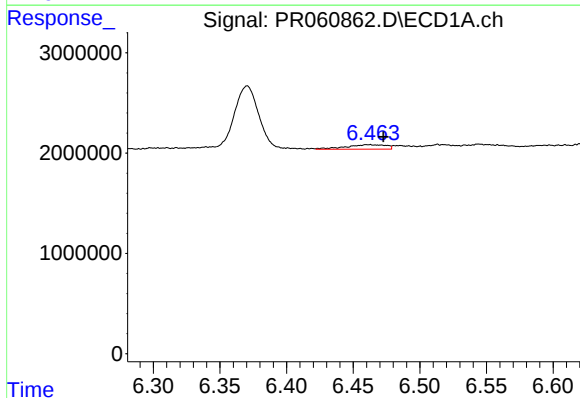
R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 1014717
Conc: 5.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



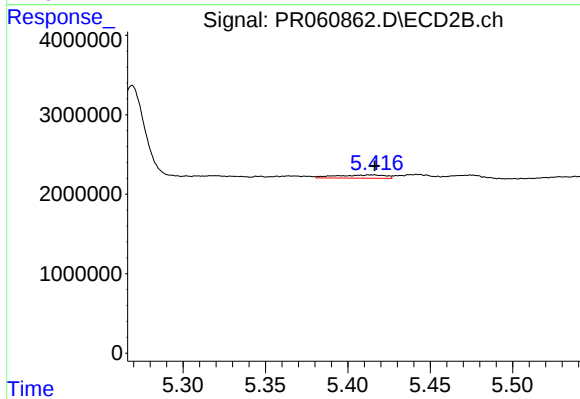
#27 AR-1254-2

R.T.: 5.000 min
Delta R.T.: 0.002 min
Response: 508650
Conc: 2.32 ng/ml



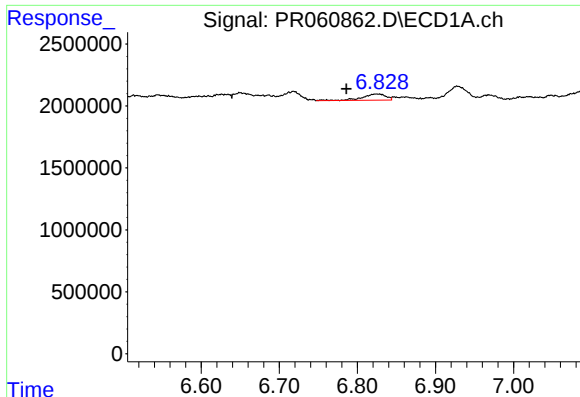
#28 AR-1254-3

R.T.: 6.461 min
Delta R.T.: -0.011 min
Response: 937517
Conc: 4.63 ng/ml



#28 AR-1254-3

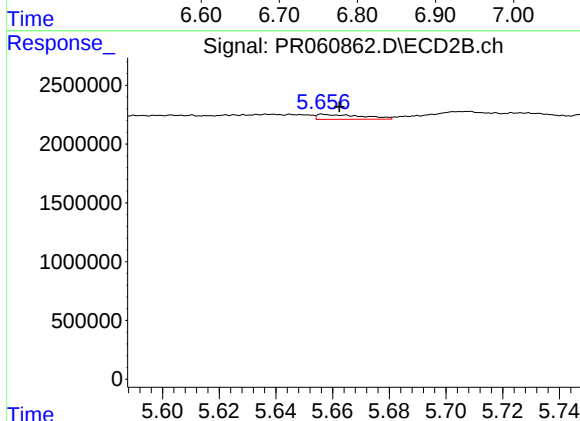
R.T.: 5.415 min
Delta R.T.: -0.002 min
Response: 839520
Conc: 2.30 ng/ml



#29 AR-1254-4

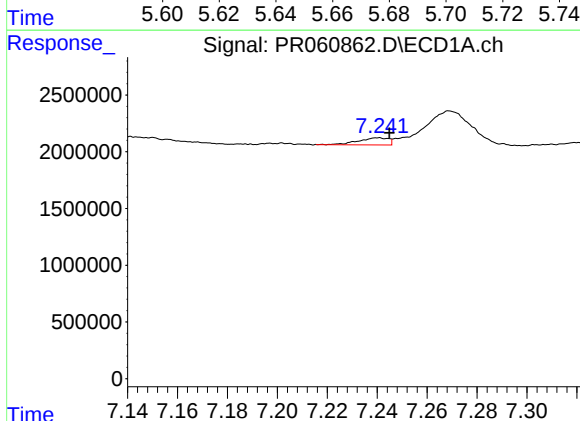
R.T.: 6.824 min
Delta R.T.: 0.038 min
Response: 1060171
Conc: 6.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



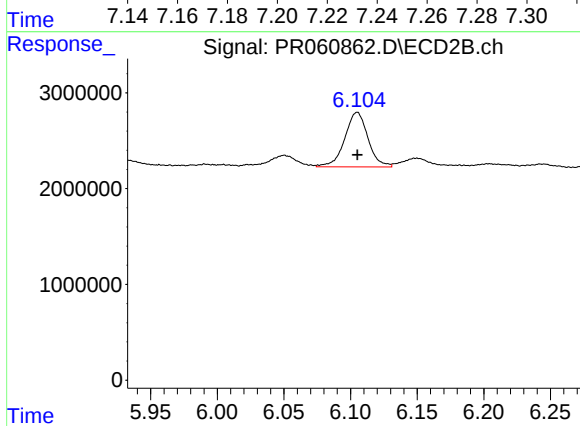
#29 AR-1254-4

R.T.: 5.657 min
Delta R.T.: -0.006 min
Response: 471744
Conc: 2.06 ng/ml



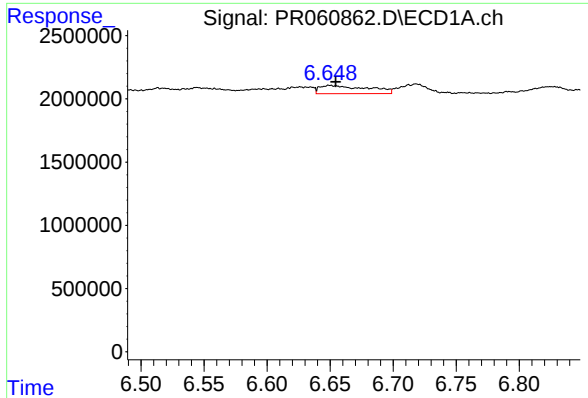
#30 AR-1254-5

R.T.: 7.240 min
Delta R.T.: -0.004 min
Response: 520765
Conc: 3.18 ng/ml



#30 AR-1254-5

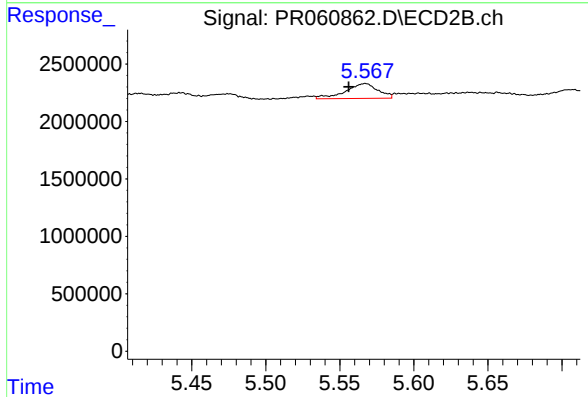
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 6946715
Conc: 20.94 ng/ml



#31 AR-1260-1

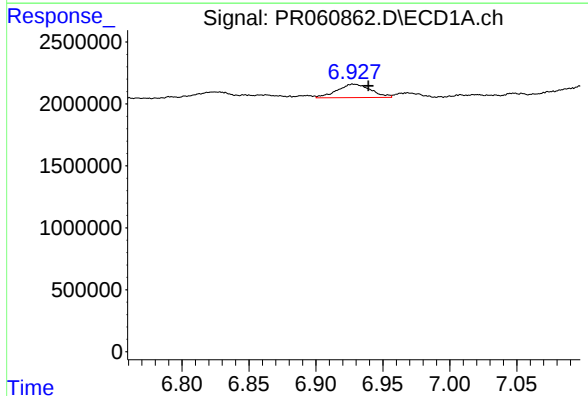
R.T.: 6.650 min
Delta R.T.: -0.005 min
Response: 1717788
Conc: 11.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



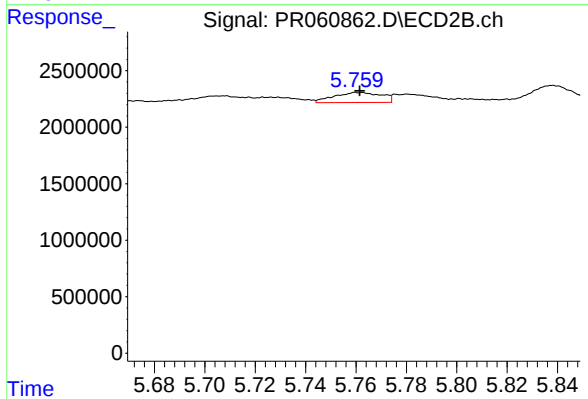
#31 AR-1260-1

R.T.: 5.567 min
Delta R.T.: 0.011 min
Response: 1983038
Conc: 7.78 ng/ml



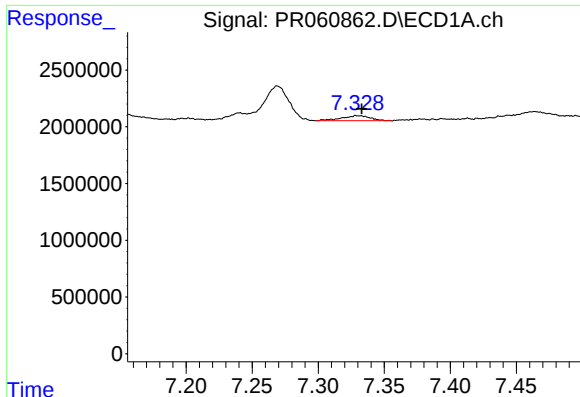
#32 AR-1260-2

R.T.: 6.928 min
Delta R.T.: -0.011 min
Response: 1894995
Conc: 10.28 ng/ml



#32 AR-1260-2

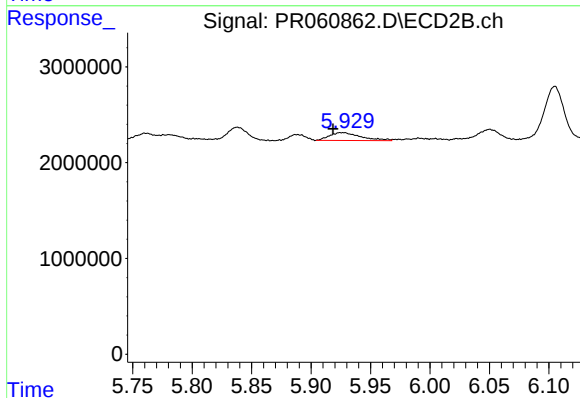
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 1155583
Conc: 3.68 ng/ml



#33 AR-1260-3

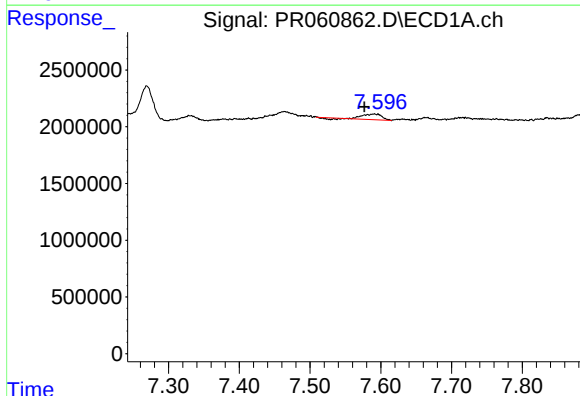
R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 671554
Conc: 4.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



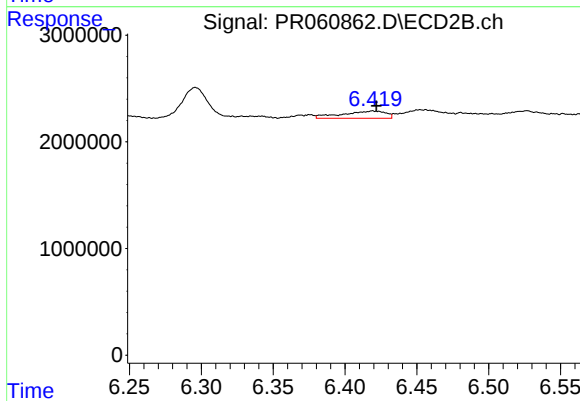
#33 AR-1260-3

R.T.: 5.927 min
Delta R.T.: 0.008 min
Response: 1502985
Conc: 5.22 ng/ml



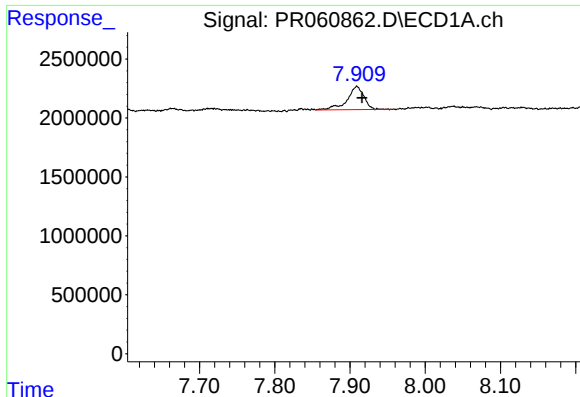
#34 AR-1260-4

R.T.: 7.591 min
Delta R.T.: 0.014 min
Response: 830731
Conc: 5.26 ng/ml



#34 AR-1260-4

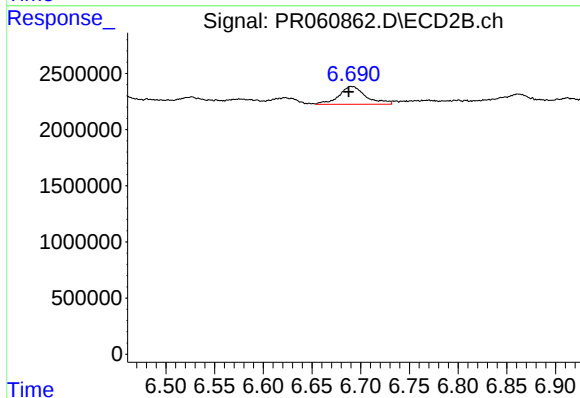
R.T.: 6.419 min
Delta R.T.: -0.002 min
Response: 1431126
Conc: 5.84 ng/ml



#35 AR-1260-5

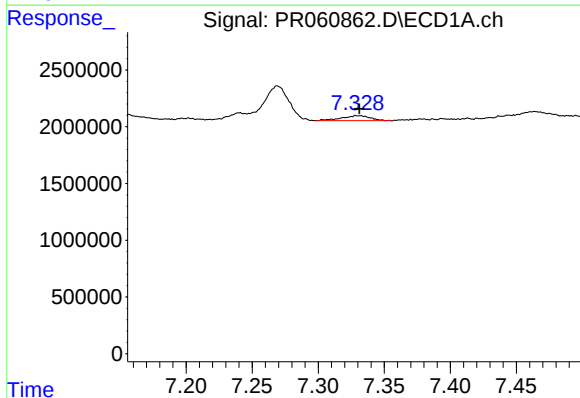
R.T.: 7.909 min
Delta R.T.: -0.007 min
Response: 3090554
Conc: 10.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



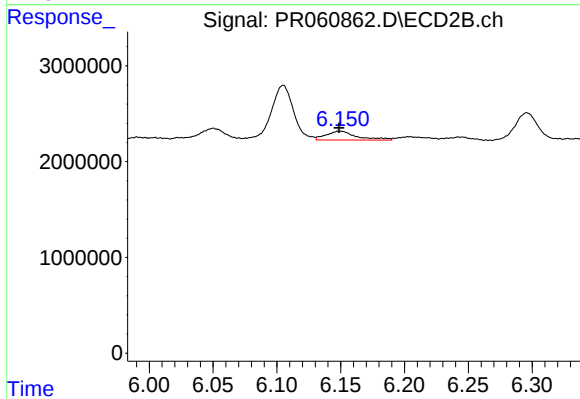
#35 AR-1260-5

R.T.: 6.691 min
Delta R.T.: 0.003 min
Response: 3059969
Conc: 5.17 ng/ml



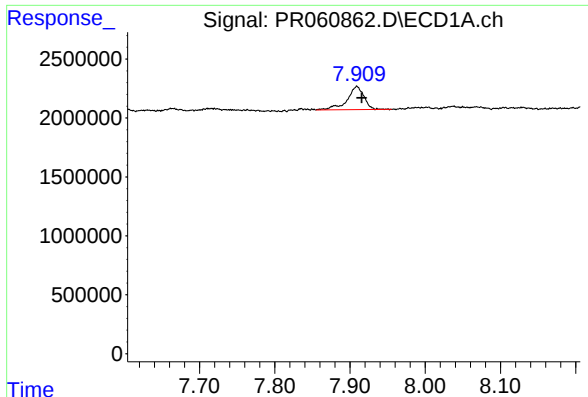
#36 AR-1262-1

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 671554
Conc: 3.36 ng/ml



#36 AR-1262-1

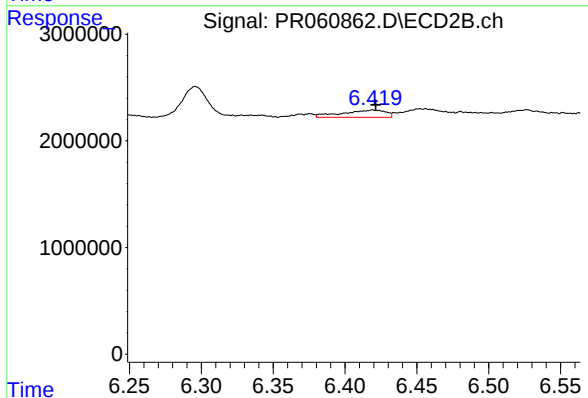
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 1573071
Conc: 4.50 ng/ml



#37 AR-1262-2

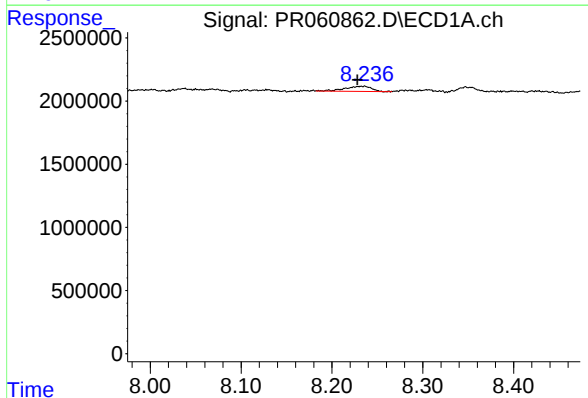
R.T.: 7.909 min
Delta R.T.: -0.007 min
Response: 3090554
Conc: 8.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



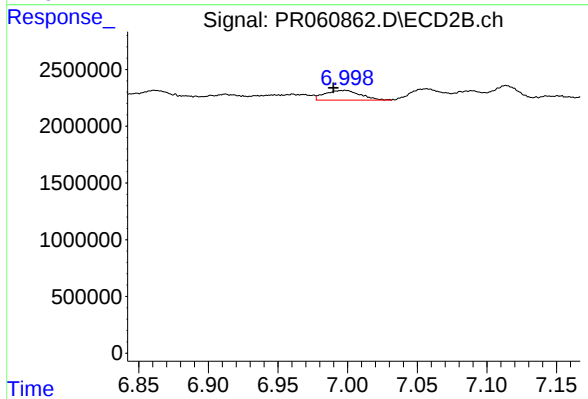
#37 AR-1262-2

R.T.: 6.419 min
Delta R.T.: -0.002 min
Response: 1431126
Conc: 4.51 ng/ml



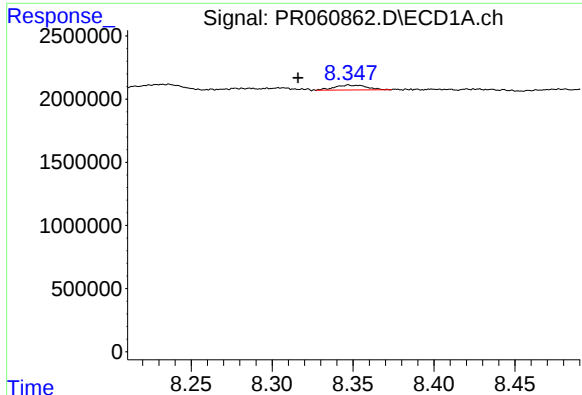
#38 AR-1262-3

R.T.: 8.236 min
Delta R.T.: 0.007 min
Response: 839449
Conc: 3.41 ng/ml



#38 AR-1262-3

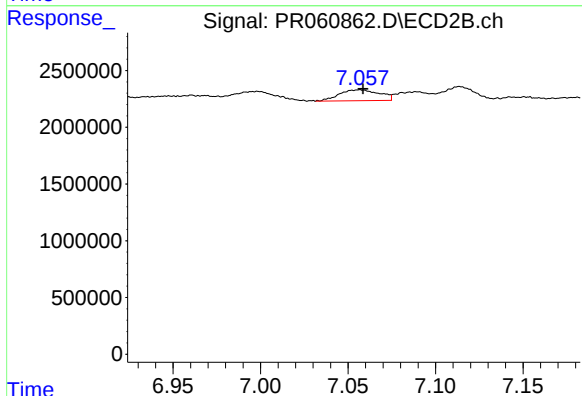
R.T.: 6.998 min
Delta R.T.: 0.008 min
Response: 1521840
Conc: 6.07 ng/ml



#39 AR-1262-4

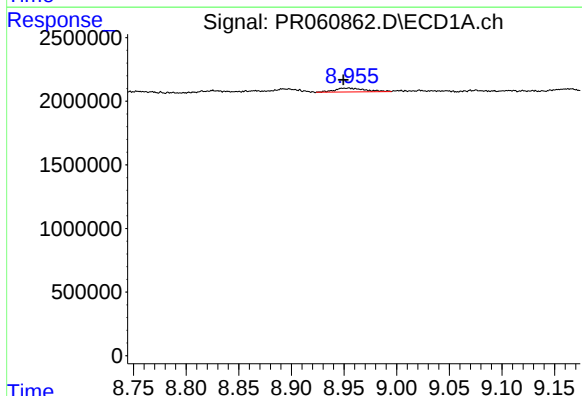
R.T.: 8.347 min
Delta R.T.: 0.031 min
Response: 534793
Conc: 2.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



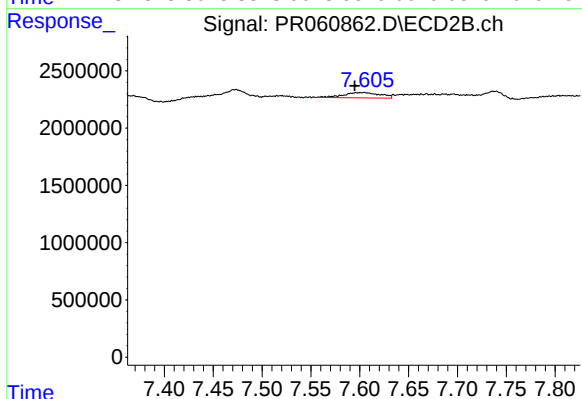
#39 AR-1262-4

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 1522038
Conc: 3.13 ng/ml



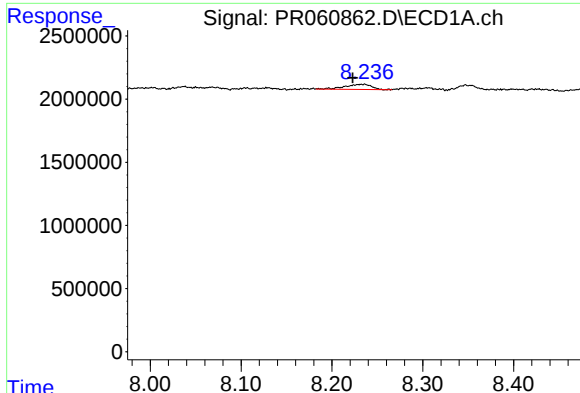
#40 AR-1262-5

R.T.: 8.954 min
Delta R.T.: 0.005 min
Response: 599610
Conc: 4.41 ng/ml



#40 AR-1262-5

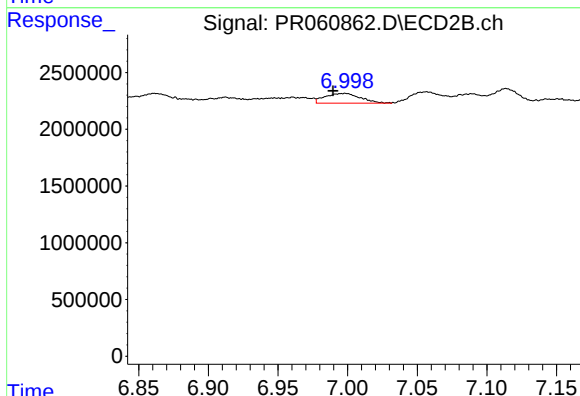
R.T.: 7.605 min
Delta R.T.: 0.010 min
Response: 1204569
Conc: 5.42 ng/ml



#41 AR-1268-1

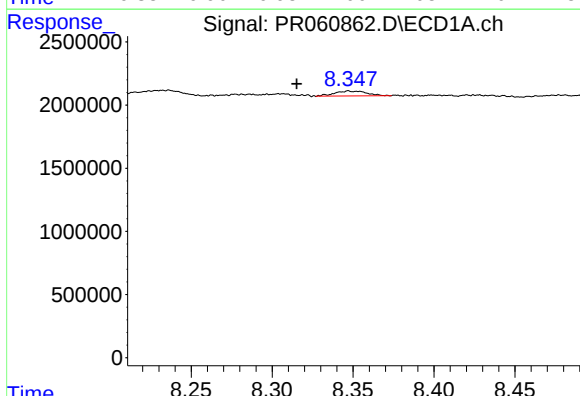
R.T.: 8.236 min
Delta R.T.: 0.013 min
Response: 839449
Conc: 2.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



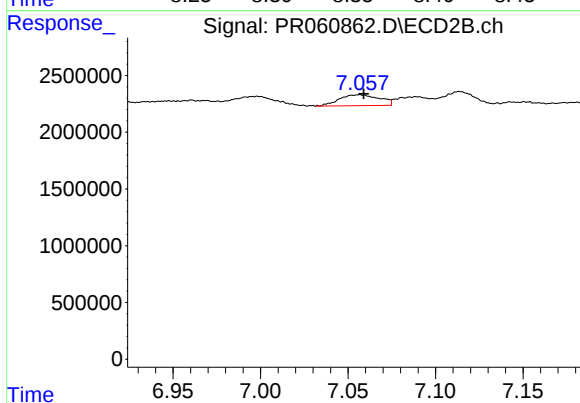
#41 AR-1268-1

R.T.: 6.998 min
Delta R.T.: 0.009 min
Response: 1521840
Conc: 2.54 ng/ml



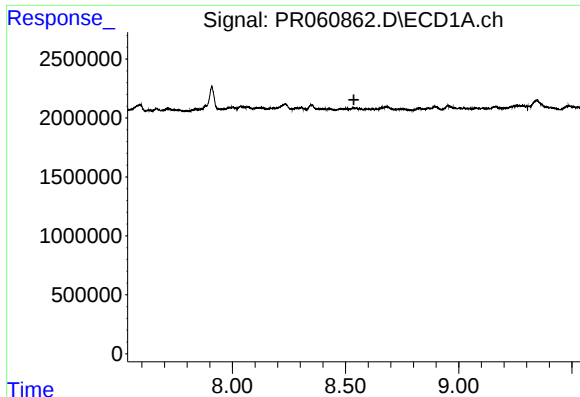
#42 AR-1268-2

R.T.: 8.347 min
Delta R.T.: 0.032 min
Response: 534793
Conc: 1.75 ng/ml



#42 AR-1268-2

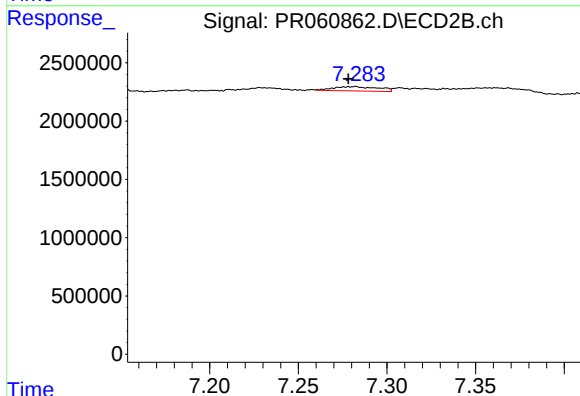
R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 1522038
Conc: 2.79 ng/ml



#43 AR-1268-3

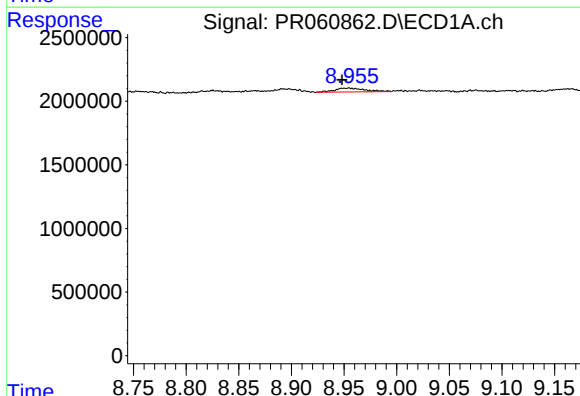
R.T.: 0.000 min
Exp R.T.: 8.537 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



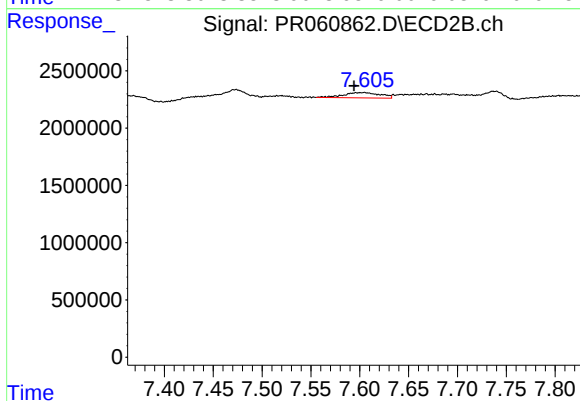
#43 AR-1268-3

R.T.: 7.282 min
Delta R.T.: 0.004 min
Response: 670072
Conc: 1.45 ng/ml



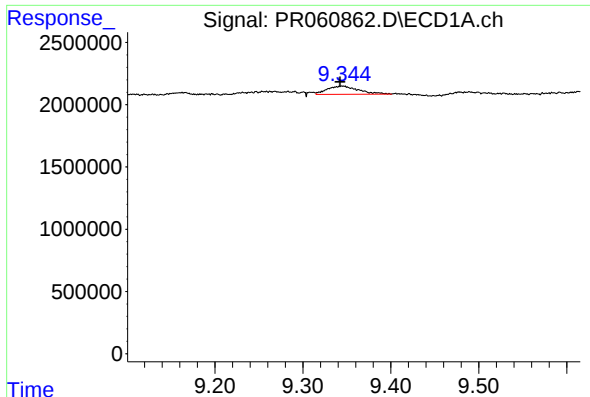
#44 AR-1268-4

R.T.: 8.954 min
Delta R.T.: 0.006 min
Response: 599610
Conc: 4.97 ng/ml



#44 AR-1268-4

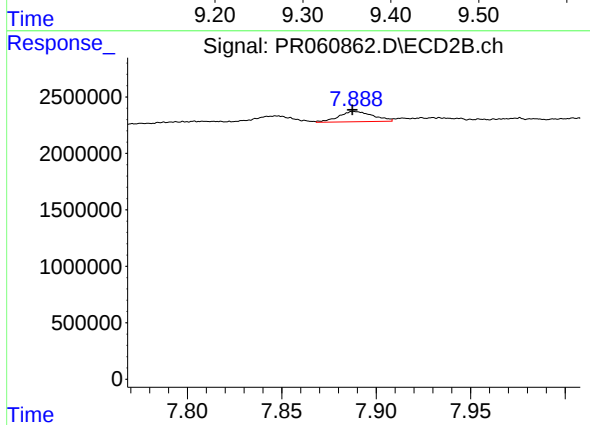
R.T.: 7.605 min
Delta R.T.: 0.011 min
Response: 1204569
Conc: 6.16 ng/ml



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: 0.002 min
Response: 1637740
Conc: 1.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.889 min
Delta R.T.: 0.001 min
Response: 1150425
Conc: 0.76 ng/ml