

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030123\
 Data File : PR059874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 13:50
 Operator : YP\AJ
 Sample : 01693-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 23:44:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 28 05:24:37 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...	3.690	2.906	55085978	76475606	16.352	16.865
2) SA Decachlor...	9.663	8.140	69826019	104.2E6	29.629	28.839
Target Compounds						
3) L1 AR-1016-1	4.914	4.009	5650882	8714064	60.148	63.482
4) L1 AR-1016-2	4.914	4.009	5650882	8714064	41.890	42.643
5) L1 AR-1016-3	5.036	4.201	357975	298712	4.103	2.843 #
6) L1 AR-1016-4	5.089	4.265	11132091	3200880	160.543	37.275 #
8) L2 AR-1221-1	0.000	3.118	0	167232	N.D.	3.428 #
9) L2 AR-1221-2	4.003	3.206	902926	1332822	31.738	38.617
10) L2 AR-1221-3	0.000	3.298	0	238501	N.D.	2.057 #
11) L3 AR-1232-1	0.000	3.298	0	238501	N.D.	2.474 #
12) L3 AR-1232-2	4.603	4.009	1218107	8714064	36.225	97.794 #
13) L3 AR-1232-3	4.914	4.201	5650882	298712	91.655	6.676 #
14) L3 AR-1232-4	5.089	4.331	11132091	1741026	360.936	42.099 #
15) L3 AR-1232-5	5.202	4.479	657343	4162005	28.232	89.566 #
16) L4 AR-1242-1	4.914	4.009	5650882	8714064	71.915	76.349
17) L4 AR-1242-2	4.914	4.009	5650882	8714064	50.395	52.083
18) L4 AR-1242-3	5.036	4.201	357975	298712	4.928	3.453 #
19) L4 AR-1242-4	5.089	4.331	11132091	1741026	193.410	20.313 #
20) L4 AR-1242-5	5.938	4.833	1056526	27944169	19.552	270.605 #
21) L5 AR-1248-1	4.914	4.009	5650882	8714064	93.251	100.116
22) L5 AR-1248-2	5.202	4.265	657343	3200880	8.096	24.796 #
24) L5 AR-1248-4	5.865	4.479	38894472	4162005	404.684	26.376 #
25) L5 AR-1248-5	5.938	4.890	1056526	3530841	11.386	24.779 #
26) L6 AR-1254-1	5.814	4.833	4673307	27944169	46.623	120.161 #
27) L6 AR-1254-2	6.077	5.011	13003797	2765817	85.645	13.776 #
28) L6 AR-1254-3	6.480	5.426	5938629	1312095	38.217	4.095 #
29) L6 AR-1254-4	6.774	5.668	1458900	3333101	13.242	18.582 #
30) L6 AR-1254-5	7.281f	6.097	1286691	1175143	10.488	4.250 #
31) L7 AR-1260-1	6.652	5.576	383151	25894416	3.115	113.226 #
32) L7 AR-1260-2	6.921	5.790	14172413	29088202	100.878	108.138
33) L7 AR-1260-3	7.348	5.914	427602	1769108	3.948	6.984 #
34) L7 AR-1260-4	7.573	6.420	562395	1061882	4.559	5.049
35) L7 AR-1260-5	7.945	6.715	717599	1969756	3.119	4.144 #
36) L8 AR-1262-1	7.348	6.149	427602	3483134	2.784	11.397 #
37) L8 AR-1262-2	7.945	6.420	717599	1061882	2.766	3.906 #
38) L8 AR-1262-3	8.221	7.020	233722	664166	1.244	3.239 #
39) L8 AR-1262-4	8.316	7.061	130730	970873	0.901	2.533 #
40) L8 AR-1262-5	8.959	7.601	441565	701630	4.197	4.146
41) L9 AR-1268-1	8.221	7.020	233722	664166	0.529	0.756 #
42) L9 AR-1268-2	8.316	7.061	130730	970873	0.327	1.231 #
43) L9 AR-1268-3	0.000	7.289	0	548081	N.D.	0.789 #

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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
44) L9	AR-1268-4	8.959	7.601	441565	701630	2.800	2.647
45) L9	AR-1268-5	9.343	7.900	692749	675292	0.601	0.322 #

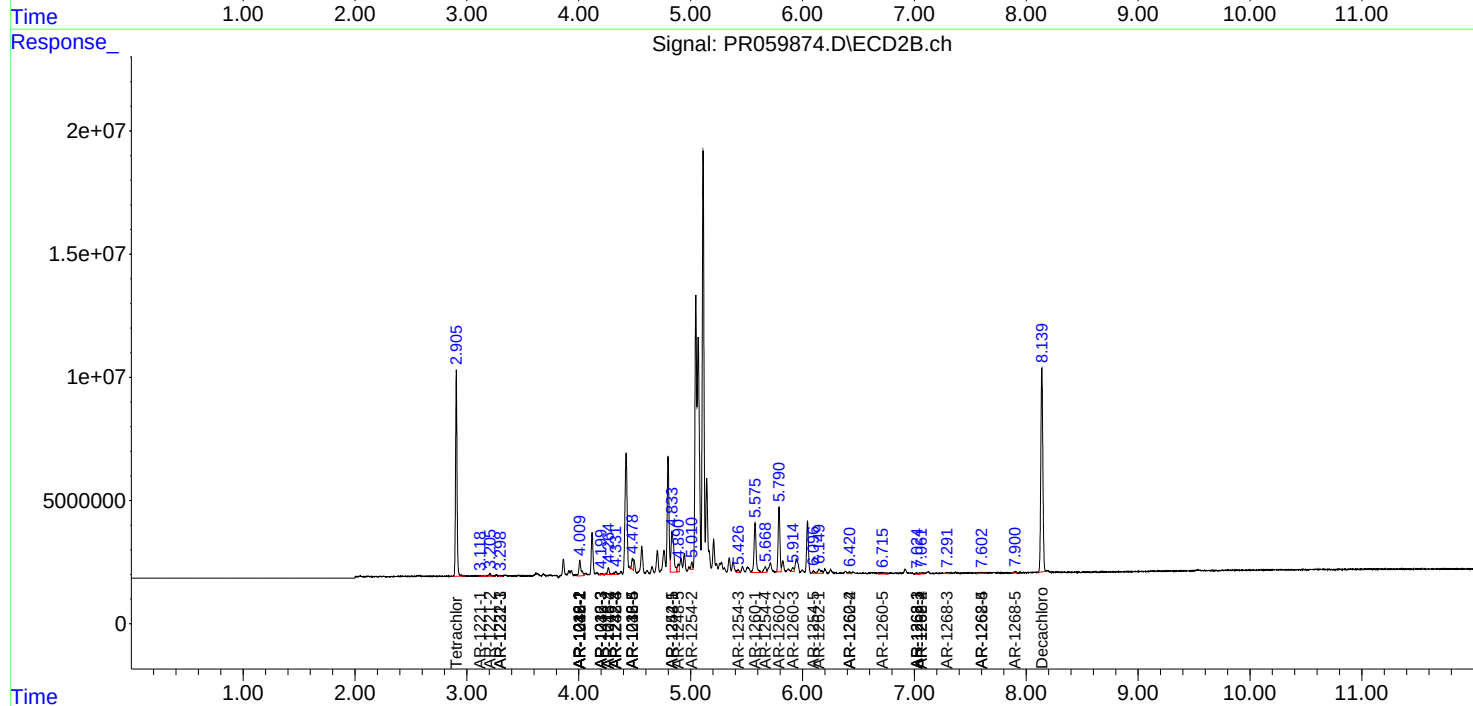
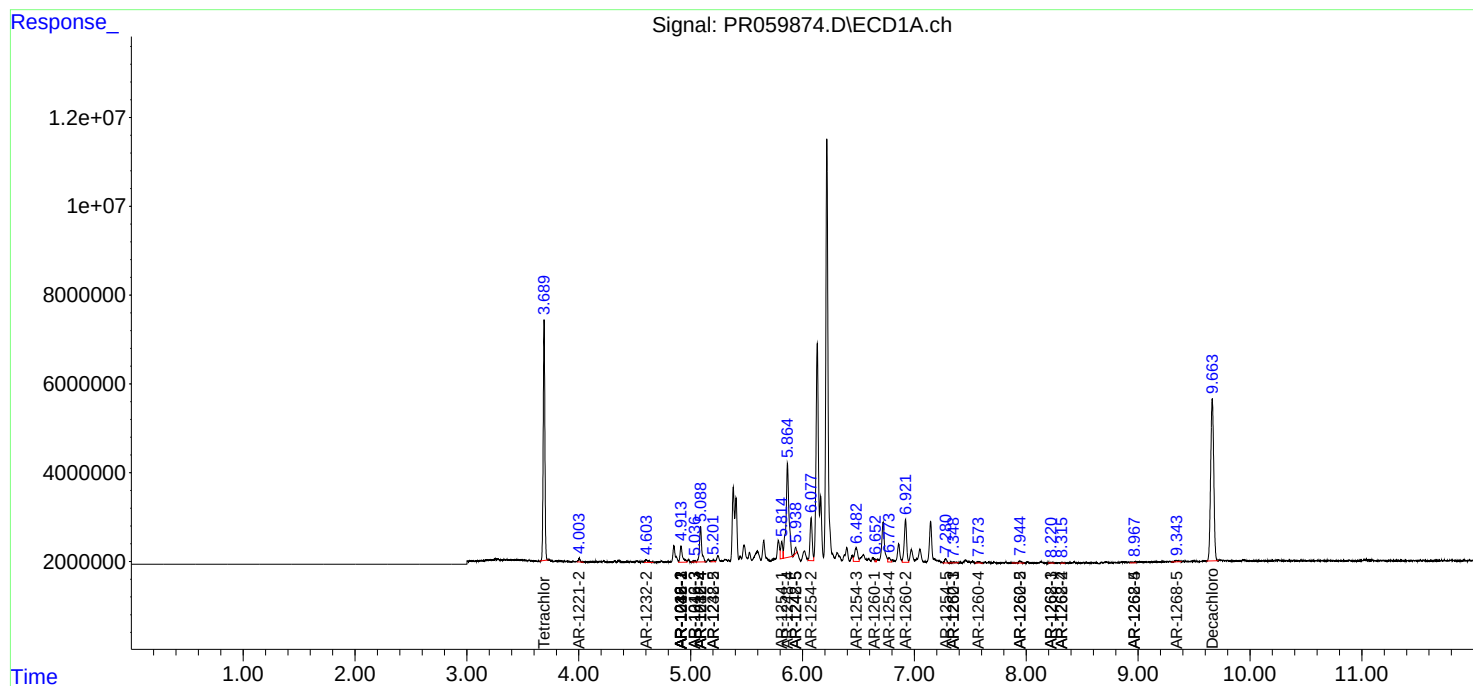
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

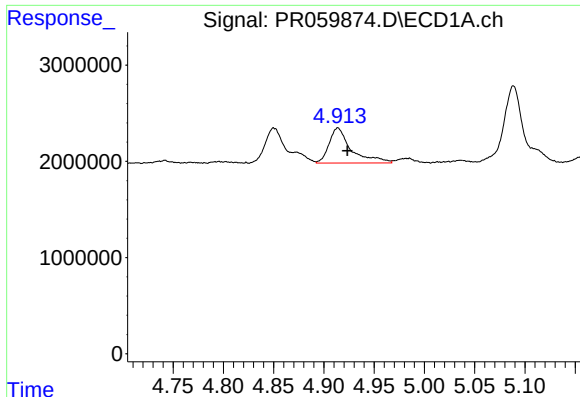
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

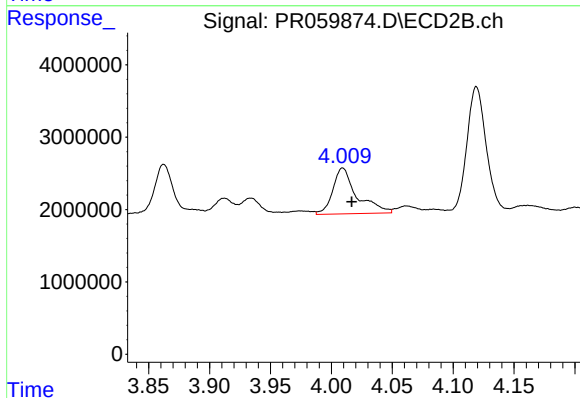




#3 AR-1016-1

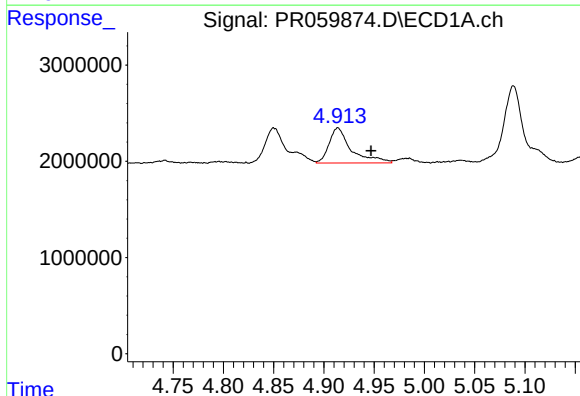
R.T.: 4.914 min
Delta R.T.: -0.009 min
Response: 5650882
Conc: 60.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



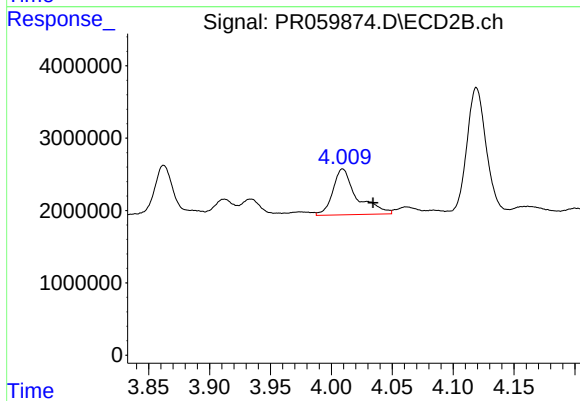
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: -0.007 min
Response: 8714064
Conc: 63.48 ng/ml



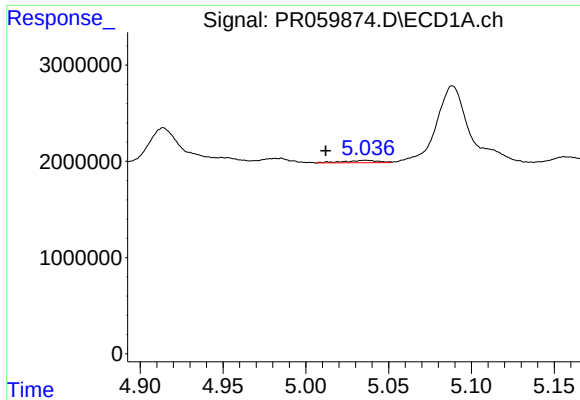
#4 AR-1016-2

R.T.: 4.914 min
Delta R.T.: -0.033 min
Response: 5650882
Conc: 41.89 ng/ml



#4 AR-1016-2

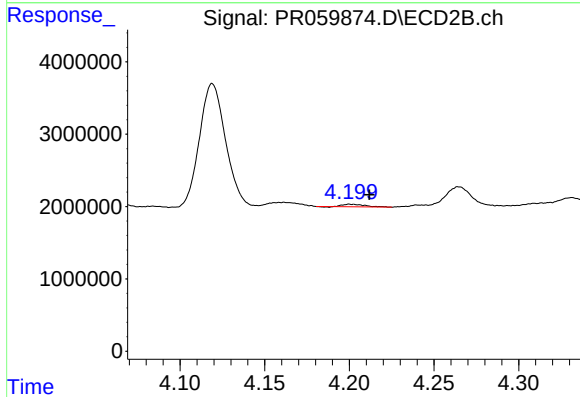
R.T.: 4.009 min
Delta R.T.: -0.025 min
Response: 8714064
Conc: 42.64 ng/ml



#5 AR-1016-3

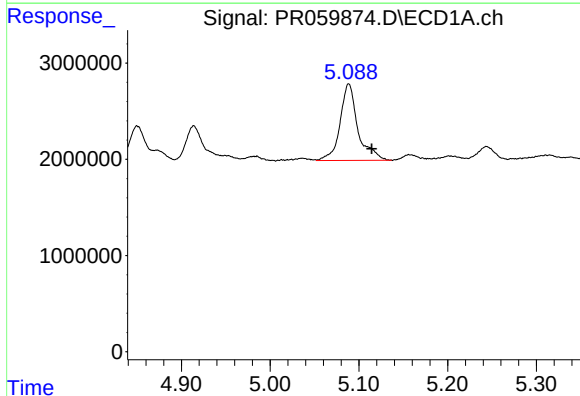
R.T.: 5.036 min
Delta R.T.: 0.024 min
Response: 357975
Conc: 4.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



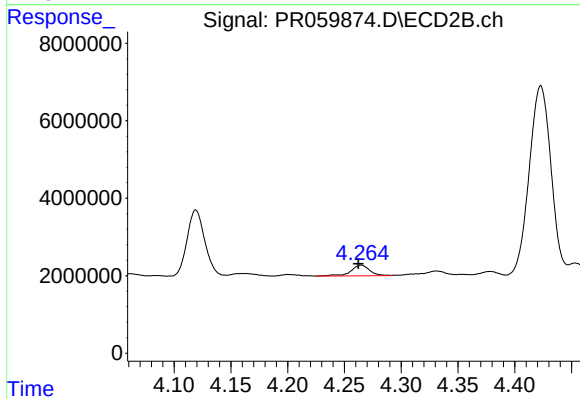
#5 AR-1016-3

R.T.: 4.201 min
Delta R.T.: -0.011 min
Response: 298712
Conc: 2.84 ng/ml



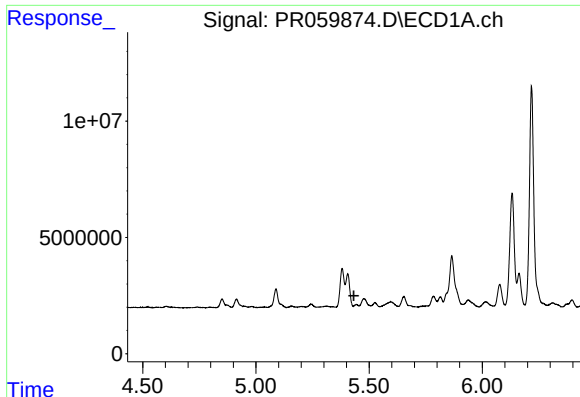
#6 AR-1016-4

R.T.: 5.089 min
Delta R.T.: -0.026 min
Response: 11132091
Conc: 160.54 ng/ml



#6 AR-1016-4

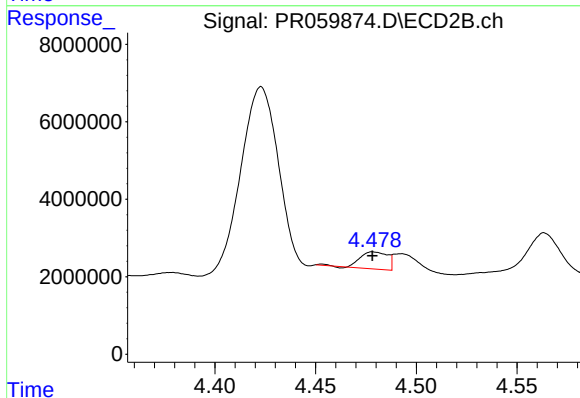
R.T.: 4.265 min
Delta R.T.: 0.003 min
Response: 3200880
Conc: 37.28 ng/ml



#7 AR-1016-5

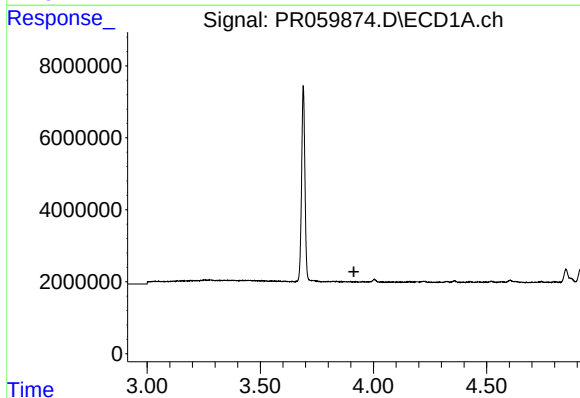
R.T.: 5.444 min
Delta R.T.: 0.012 min
Response: -3481853
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



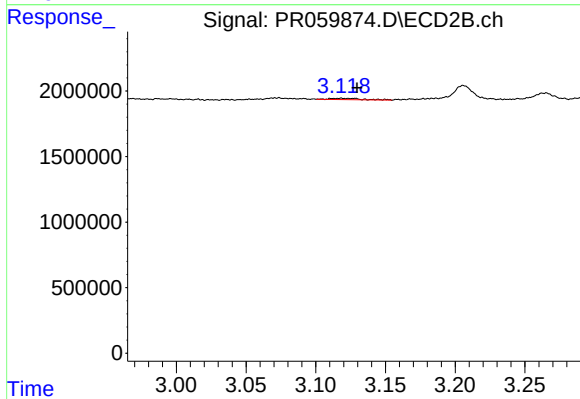
#7 AR-1016-5

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 4162005
Conc: 37.20 ng/ml



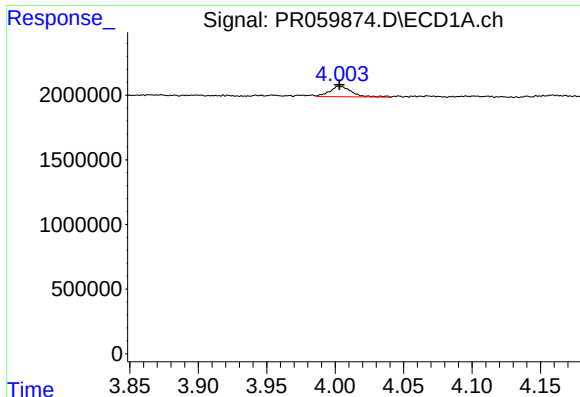
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.914 min
Response: 0
Conc: N.D.



#8 AR-1221-1

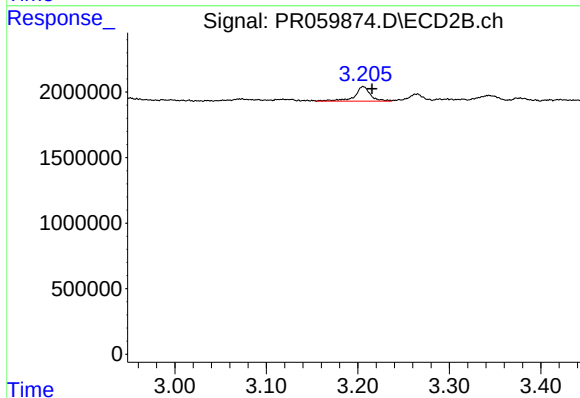
R.T.: 3.118 min
Delta R.T.: -0.011 min
Response: 167232
Conc: 3.43 ng/ml



#9 AR-1221-2

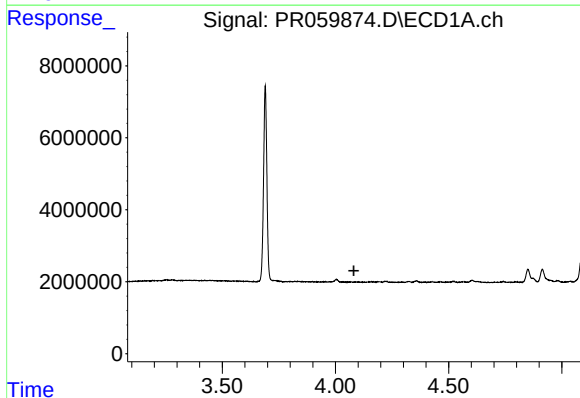
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 902926
Conc: 31.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



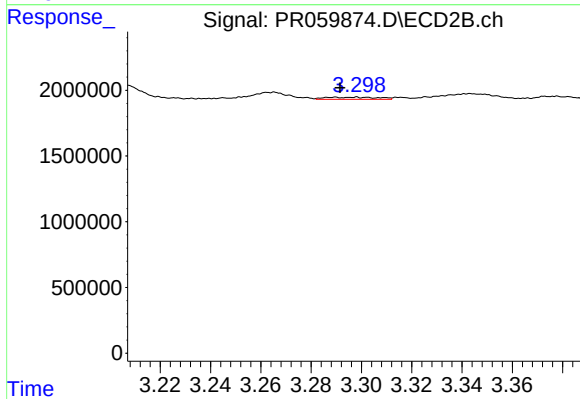
#9 AR-1221-2

R.T.: 3.206 min
Delta R.T.: -0.010 min
Response: 1332822
Conc: 38.62 ng/ml



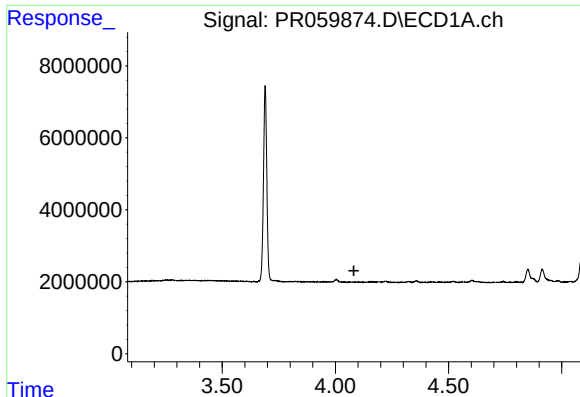
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.082 min
Response: 0
Conc: N.D.



#10 AR-1221-3

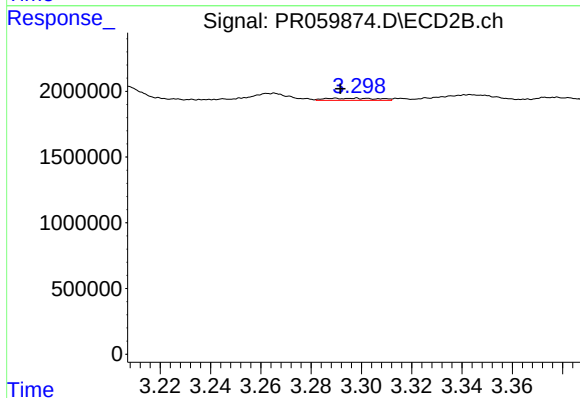
R.T.: 3.298 min
Delta R.T.: 0.006 min
Response: 238501
Conc: 2.06 ng/ml



#11 AR-1232-1

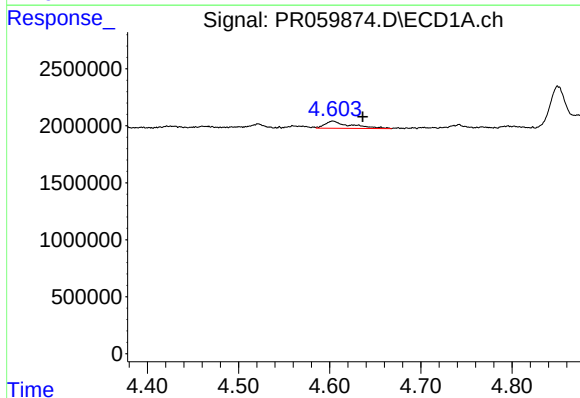
R.T.: 0.000 min
Exp R.T.: 4.082 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



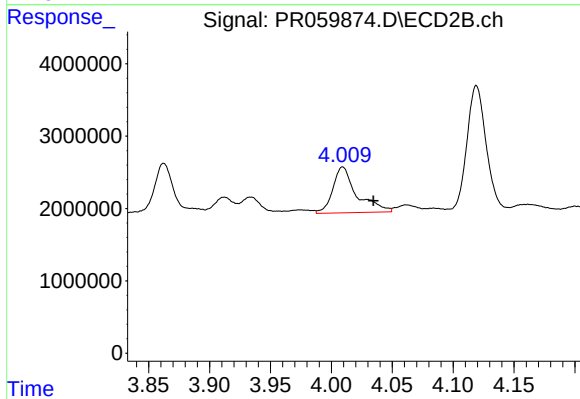
#11 AR-1232-1

R.T.: 3.298 min
Delta R.T.: 0.006 min
Response: 238501
Conc: 2.47 ng/ml



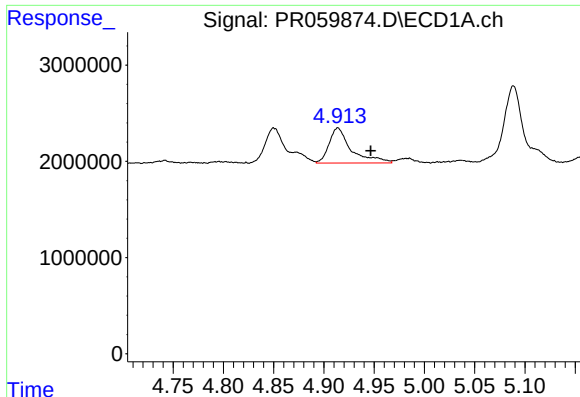
#12 AR-1232-2

R.T.: 4.603 min
Delta R.T.: -0.033 min
Response: 1218107
Conc: 36.23 ng/ml



#12 AR-1232-2

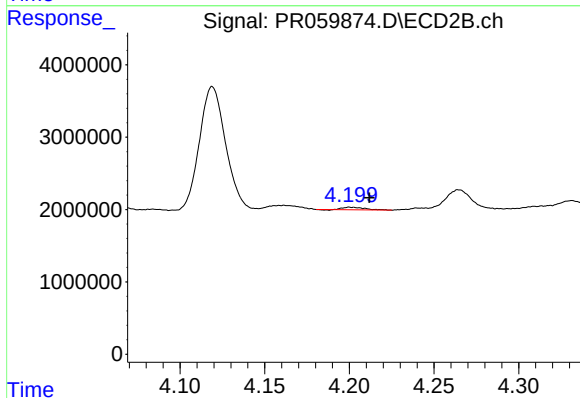
R.T.: 4.009 min
Delta R.T.: -0.025 min
Response: 8714064
Conc: 97.79 ng/ml



#13 AR-1232-3

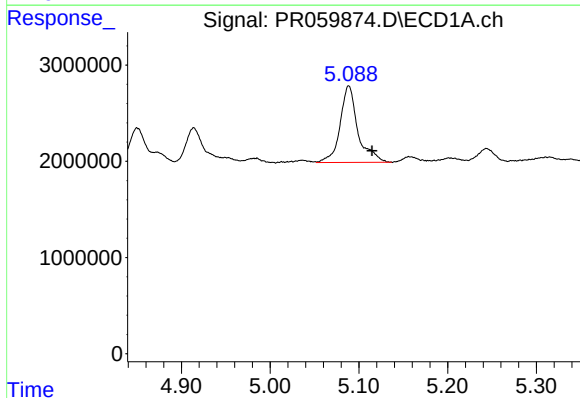
R.T.: 4.914 min
Delta R.T.: -0.033 min
Response: 5650882
Conc: 91.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



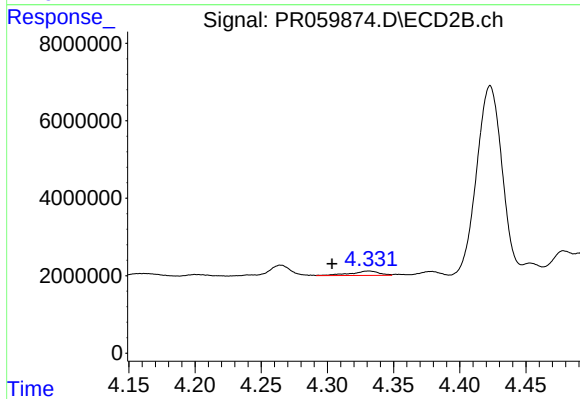
#13 AR-1232-3

R.T.: 4.201 min
Delta R.T.: -0.011 min
Response: 298712
Conc: 6.68 ng/ml



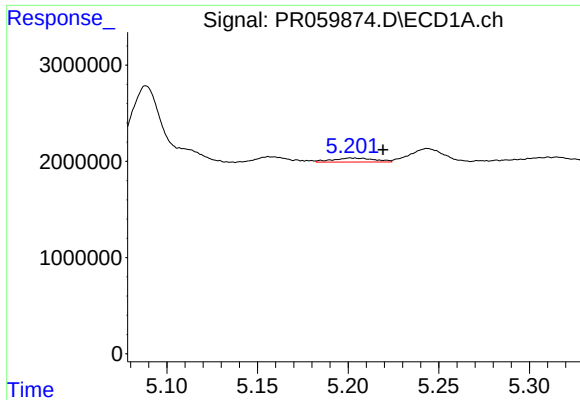
#14 AR-1232-4

R.T.: 5.089 min
Delta R.T.: -0.026 min
Response: 11132091
Conc: 360.94 ng/ml



#14 AR-1232-4

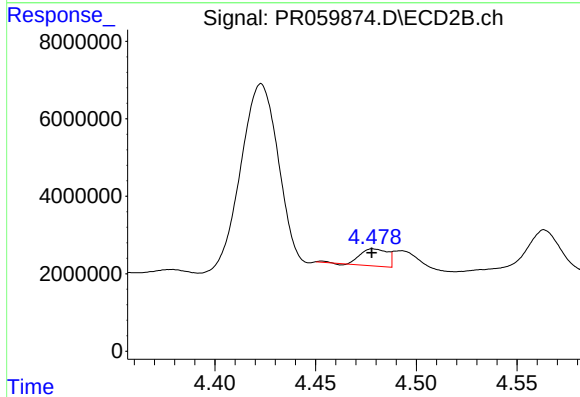
R.T.: 4.331 min
Delta R.T.: 0.028 min
Response: 1741026
Conc: 42.10 ng/ml



#15 AR-1232-5

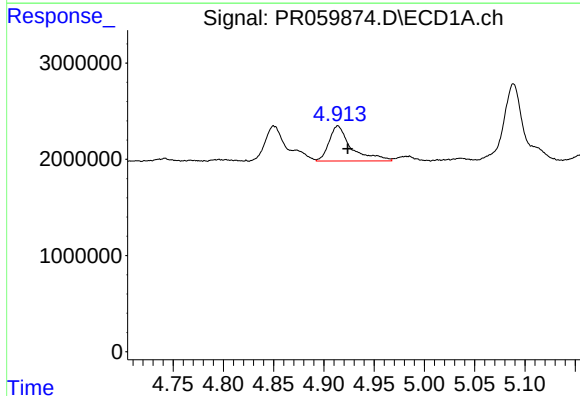
R.T.: 5.202 min
Delta R.T.: -0.018 min
Response: 657343
Conc: 28.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



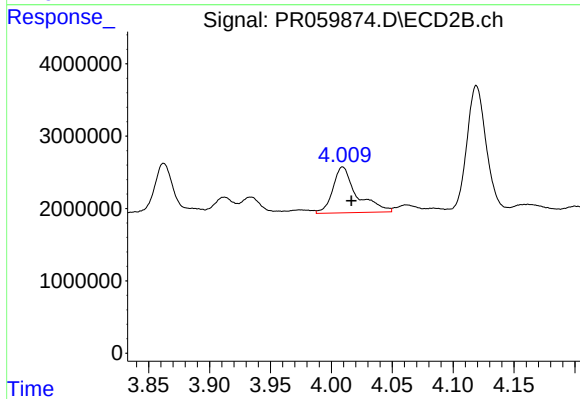
#15 AR-1232-5

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 4162005
Conc: 89.57 ng/ml



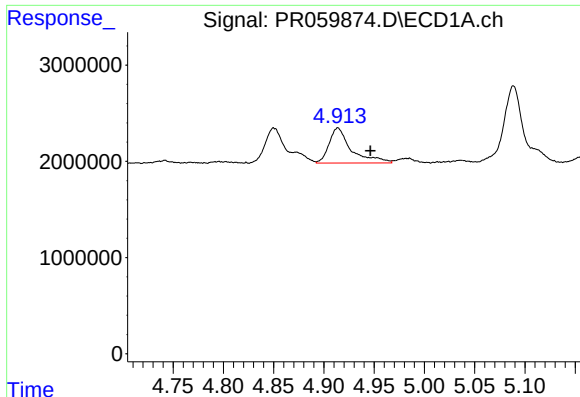
#16 AR-1242-1

R.T.: 4.914 min
Delta R.T.: -0.010 min
Response: 5650882
Conc: 71.92 ng/ml



#16 AR-1242-1

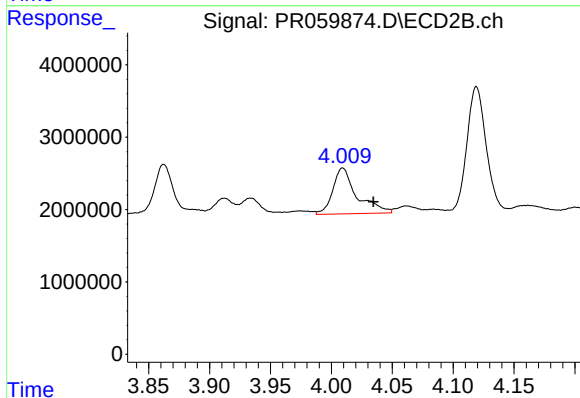
R.T.: 4.009 min
Delta R.T.: -0.007 min
Response: 8714064
Conc: 76.35 ng/ml



#17 AR-1242-2

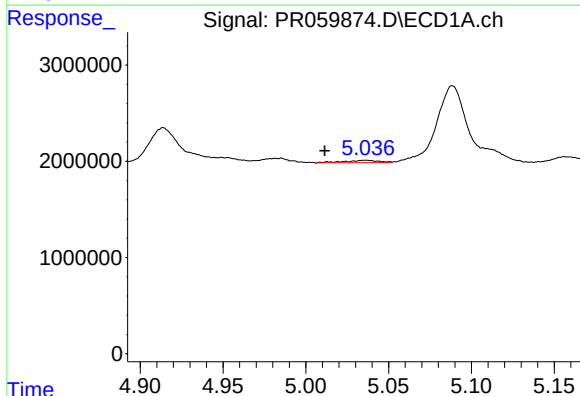
R.T.: 4.914 min
Delta R.T.: -0.032 min
Response: 5650882
Conc: 50.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



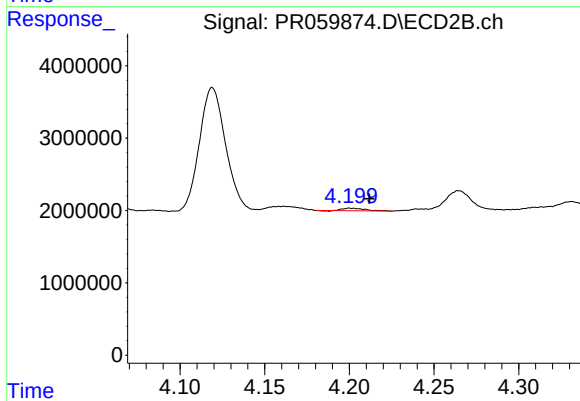
#17 AR-1242-2

R.T.: 4.009 min
Delta R.T.: -0.025 min
Response: 8714064
Conc: 52.08 ng/ml



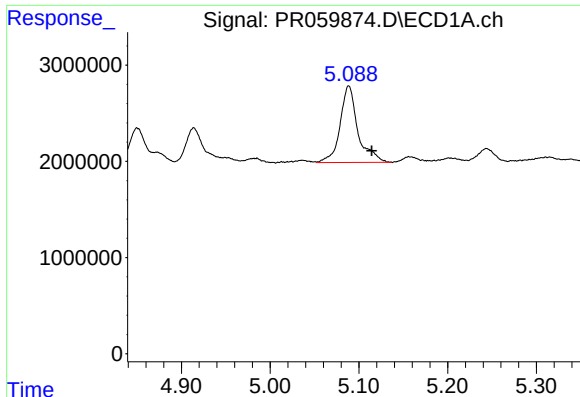
#18 AR-1242-3

R.T.: 5.036 min
Delta R.T.: 0.025 min
Response: 357975
Conc: 4.93 ng/ml



#18 AR-1242-3

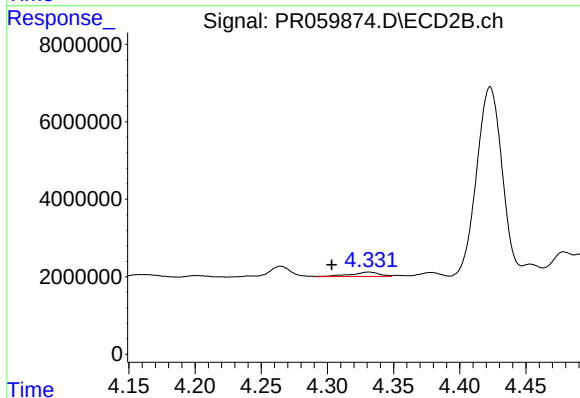
R.T.: 4.201 min
Delta R.T.: -0.011 min
Response: 298712
Conc: 3.45 ng/ml



#19 AR-1242-4

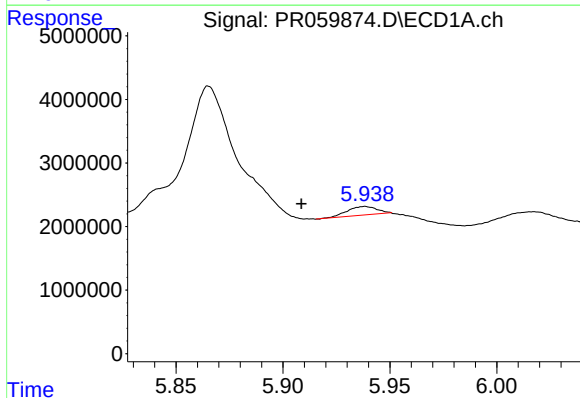
R.T.: 5.089 min
Delta R.T.: -0.026 min
Response: 11132091
Conc: 193.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



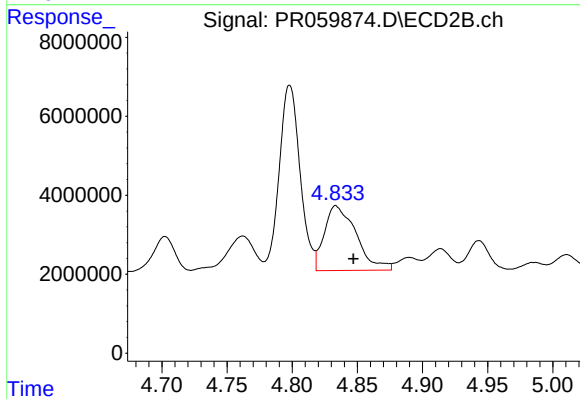
#19 AR-1242-4

R.T.: 4.331 min
Delta R.T.: 0.028 min
Response: 1741026
Conc: 20.31 ng/ml



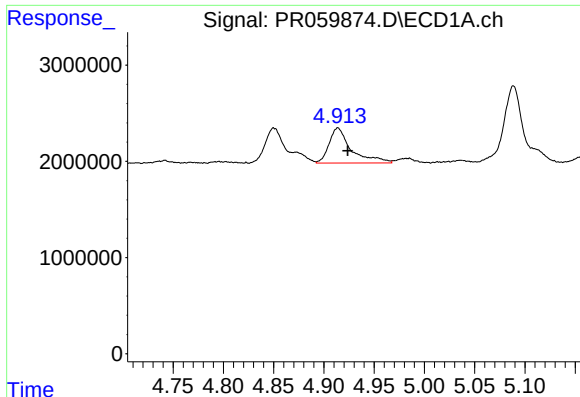
#20 AR-1242-5

R.T.: 5.938 min
Delta R.T.: 0.030 min
Response: 1056526
Conc: 19.55 ng/ml



#20 AR-1242-5

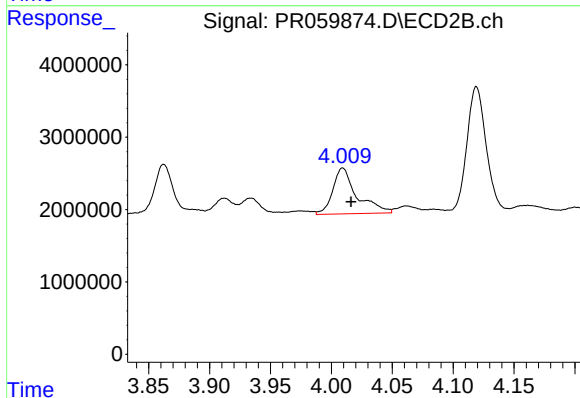
R.T.: 4.833 min
Delta R.T.: -0.013 min
Response: 27944169
Conc: 270.61 ng/ml



#21 AR-1248-1

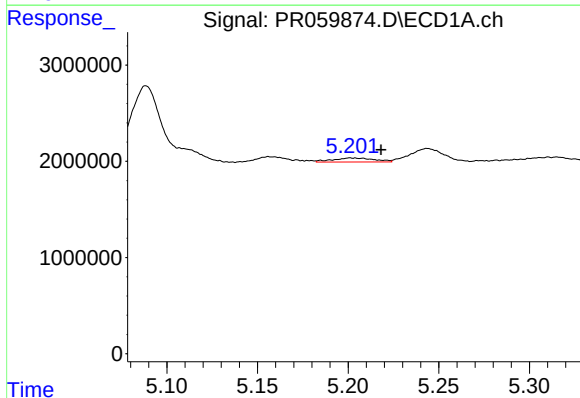
R.T.: 4.914 min
Delta R.T.: -0.010 min
Response: 5650882
Conc: 93.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



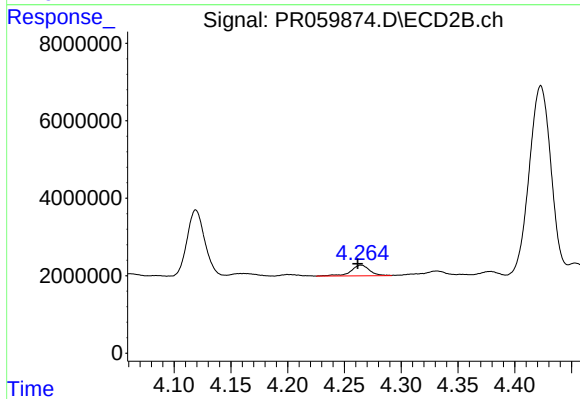
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: -0.007 min
Response: 8714064
Conc: 100.12 ng/ml



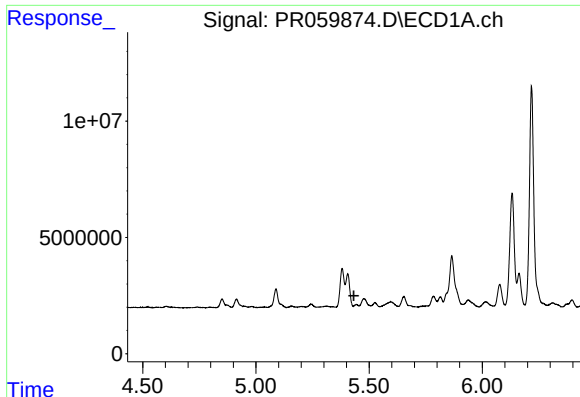
#22 AR-1248-2

R.T.: 5.202 min
Delta R.T.: -0.017 min
Response: 657343
Conc: 8.10 ng/ml



#22 AR-1248-2

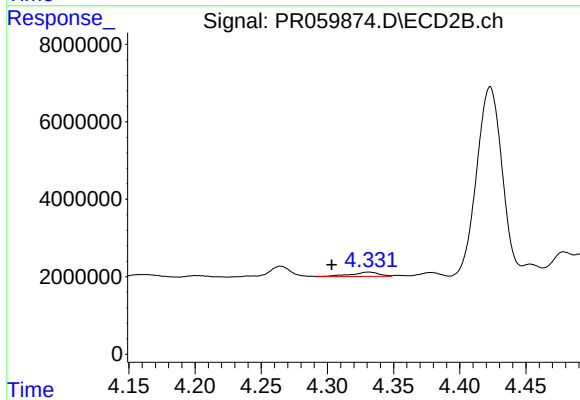
R.T.: 4.265 min
Delta R.T.: 0.003 min
Response: 3200880
Conc: 24.80 ng/ml



#23 AR-1248-3

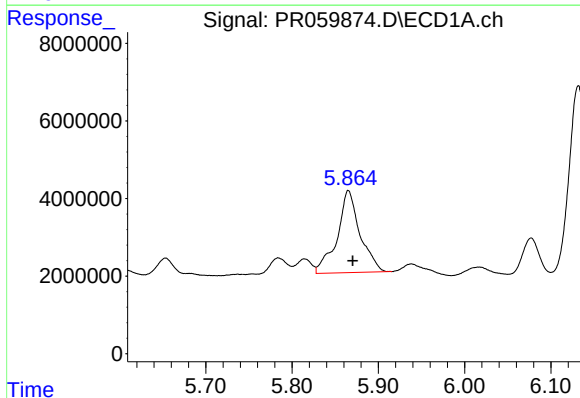
R.T.: 5.444 min
Delta R.T.: 0.011 min
Response: -3481853
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



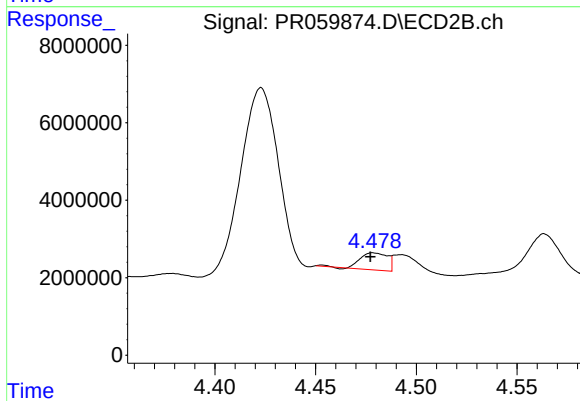
#23 AR-1248-3

R.T.: 4.331 min
Delta R.T.: 0.028 min
Response: 1741026
Conc: 13.39 ng/ml



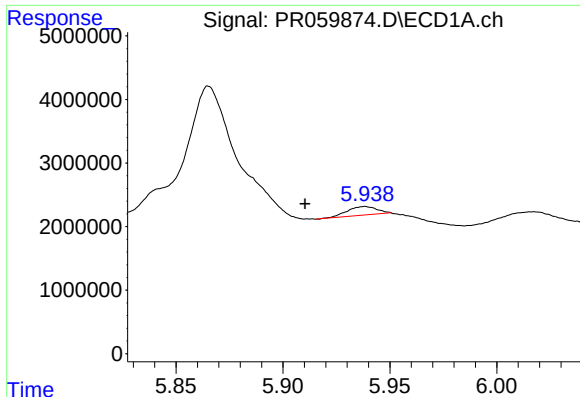
#24 AR-1248-4

R.T.: 5.865 min
Delta R.T.: -0.005 min
Response: 38894472
Conc: 404.68 ng/ml



#24 AR-1248-4

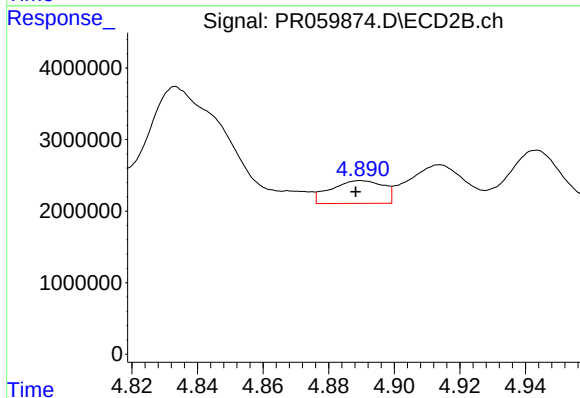
R.T.: 4.479 min
Delta R.T.: 0.001 min
Response: 4162005
Conc: 26.38 ng/ml



#25 AR-1248-5

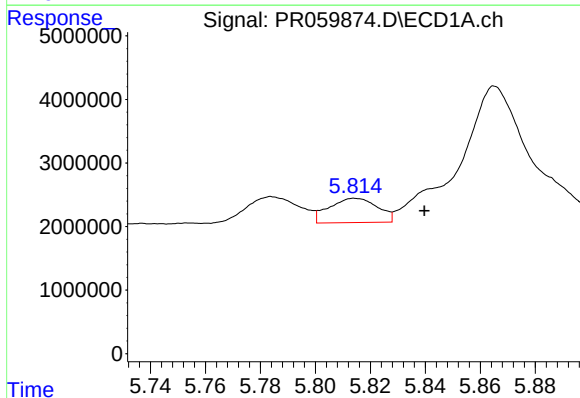
R.T.: 5.938 min
Delta R.T.: 0.028 min
Response: 1056526
Conc: 11.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



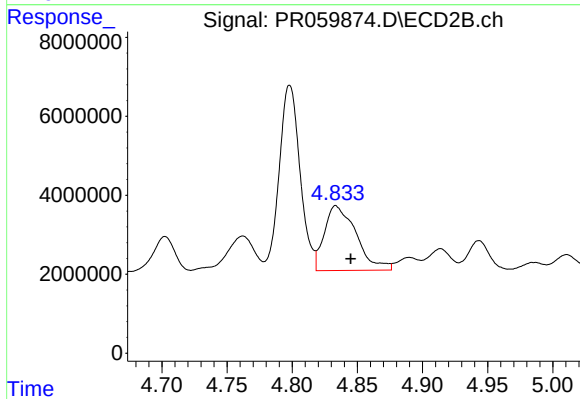
#25 AR-1248-5

R.T.: 4.890 min
Delta R.T.: 0.002 min
Response: 3530841
Conc: 24.78 ng/ml



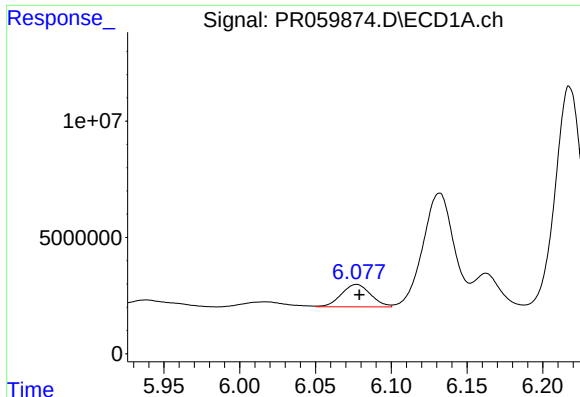
#26 AR-1254-1

R.T.: 5.814 min
Delta R.T.: -0.025 min
Response: 4673307
Conc: 46.62 ng/ml



#26 AR-1254-1

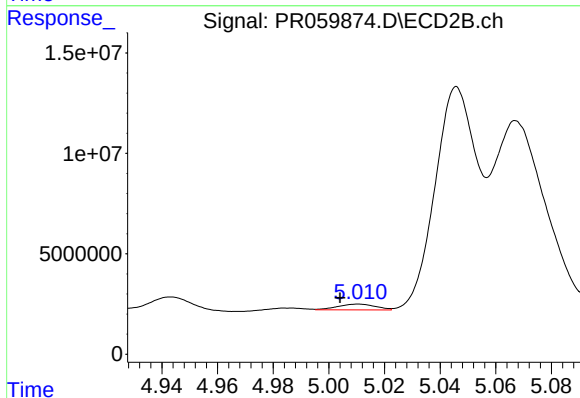
R.T.: 4.833 min
Delta R.T.: -0.012 min
Response: 27944169
Conc: 120.16 ng/ml



#27 AR-1254-2

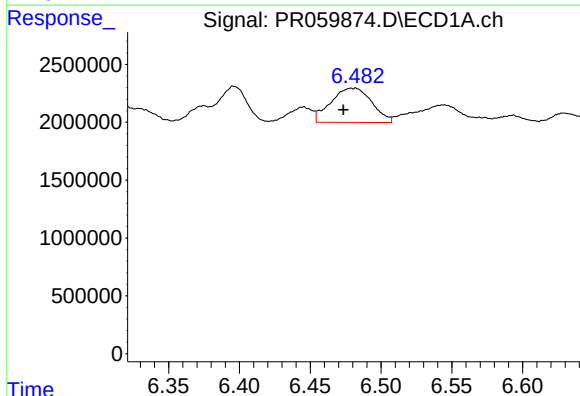
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 13003797
Conc: 85.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



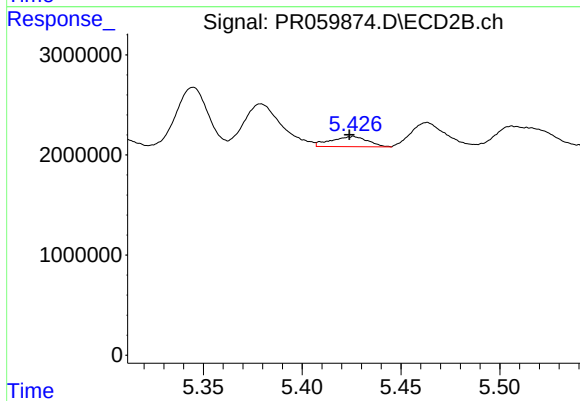
#27 AR-1254-2

R.T.: 5.011 min
Delta R.T.: 0.007 min
Response: 2765817
Conc: 13.78 ng/ml



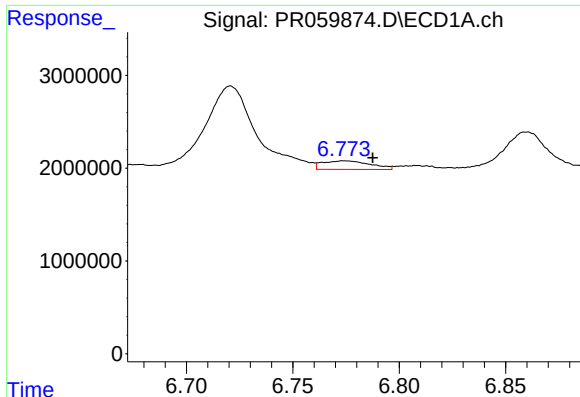
#28 AR-1254-3

R.T.: 6.480 min
Delta R.T.: 0.007 min
Response: 5938629
Conc: 38.22 ng/ml



#28 AR-1254-3

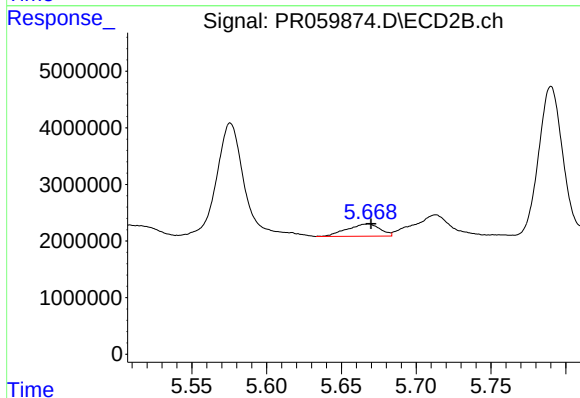
R.T.: 5.426 min
Delta R.T.: 0.002 min
Response: 1312095
Conc: 4.09 ng/ml



#29 AR-1254-4

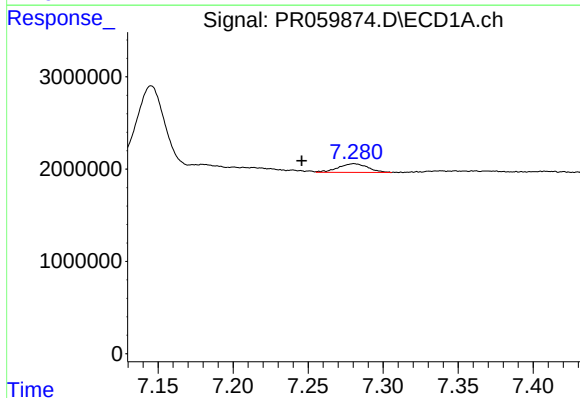
R.T.: 6.774 min
Delta R.T.: -0.013 min
Response: 1458900
Conc: 13.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



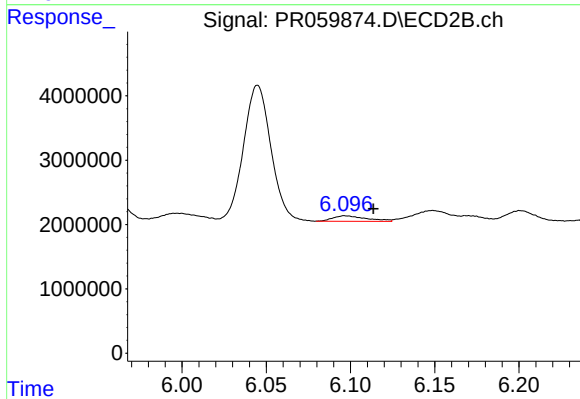
#29 AR-1254-4

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 3333101
Conc: 18.58 ng/ml



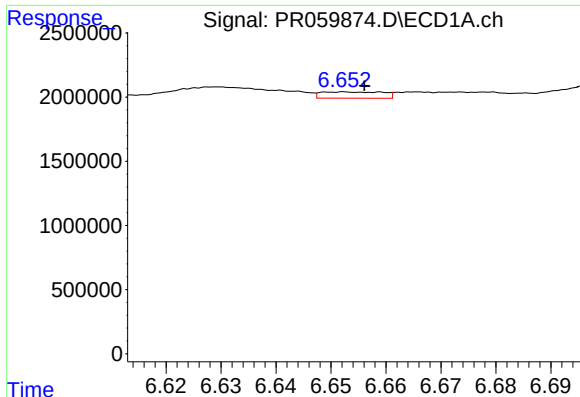
#30 AR-1254-5

R.T.: 7.281 min
Delta R.T.: 0.035 min
Response: 1286691
Conc: 10.49 ng/ml



#30 AR-1254-5

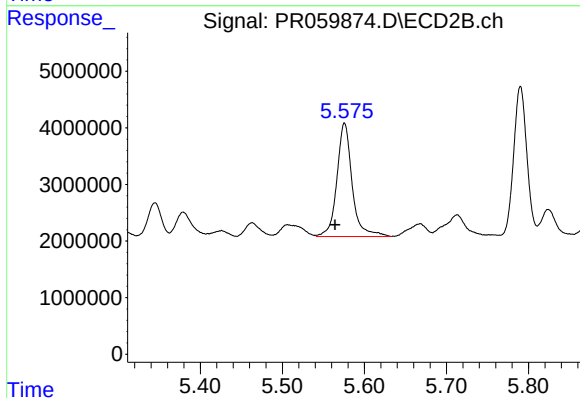
R.T.: 6.097 min
Delta R.T.: -0.017 min
Response: 1175143
Conc: 4.25 ng/ml



#31 AR-1260-1

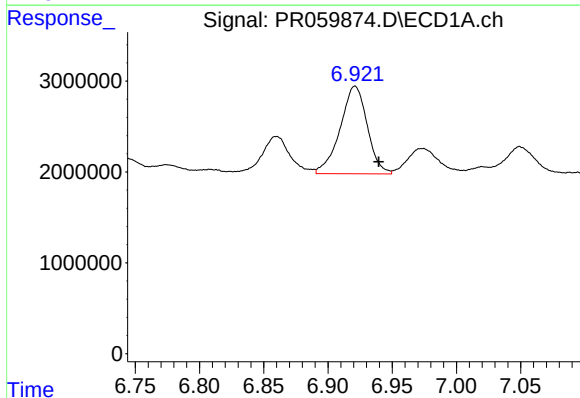
R.T.: 6.652 min
Delta R.T.: -0.004 min
Response: 383151
Conc: 3.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



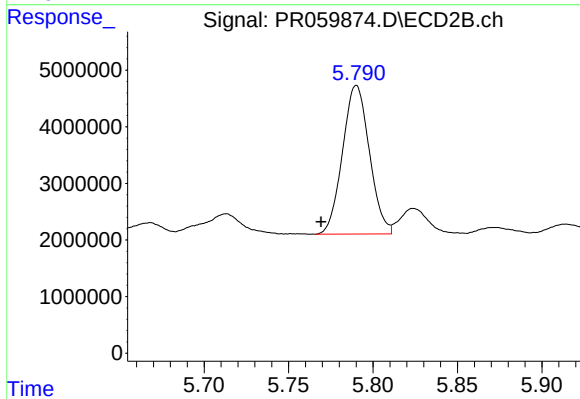
#31 AR-1260-1

R.T.: 5.576 min
Delta R.T.: 0.012 min
Response: 25894416
Conc: 113.23 ng/ml



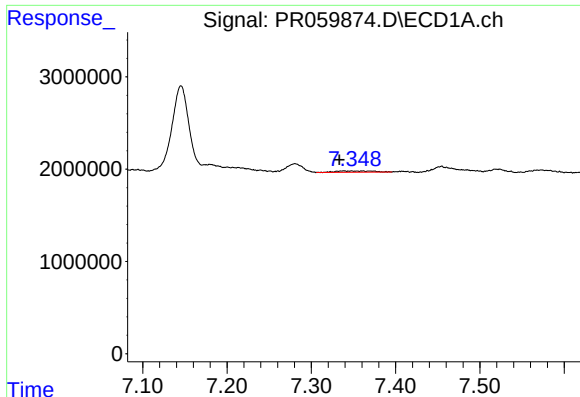
#32 AR-1260-2

R.T.: 6.921 min
Delta R.T.: -0.019 min
Response: 14172413
Conc: 100.88 ng/ml



#32 AR-1260-2

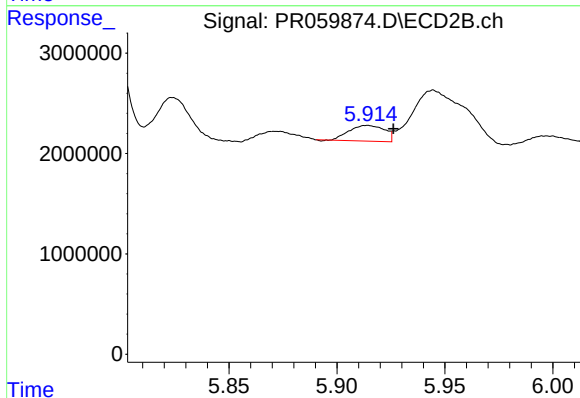
R.T.: 5.790 min
Delta R.T.: 0.021 min
Response: 29088202
Conc: 108.14 ng/ml



#33 AR-1260-3

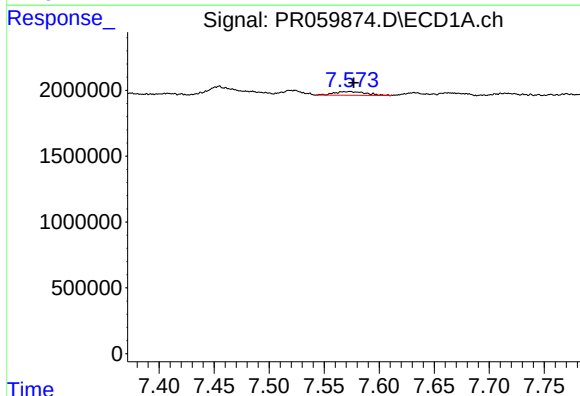
R.T.: 7.348 min
Delta R.T.: 0.015 min
Response: 427602
Conc: 3.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



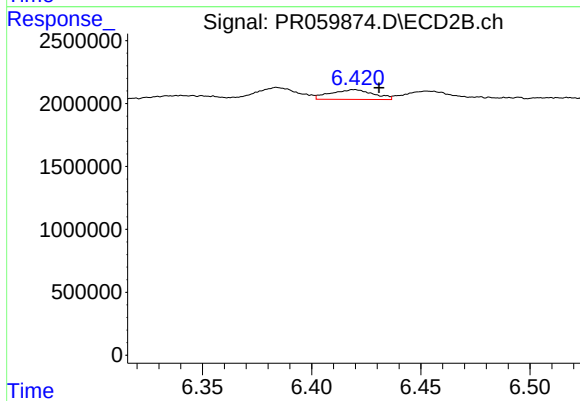
#33 AR-1260-3

R.T.: 5.914 min
Delta R.T.: -0.012 min
Response: 1769108
Conc: 6.98 ng/ml



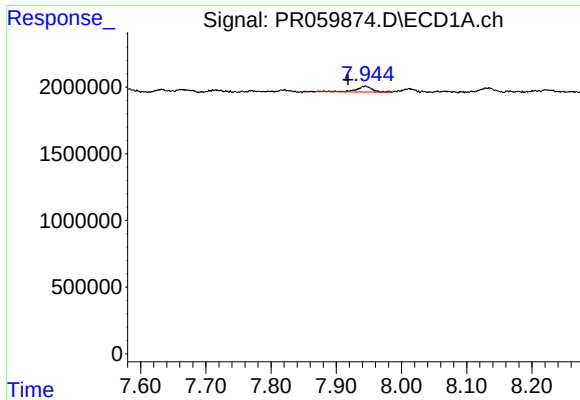
#34 AR-1260-4

R.T.: 7.573 min
Delta R.T.: -0.004 min
Response: 562395
Conc: 4.56 ng/ml



#34 AR-1260-4

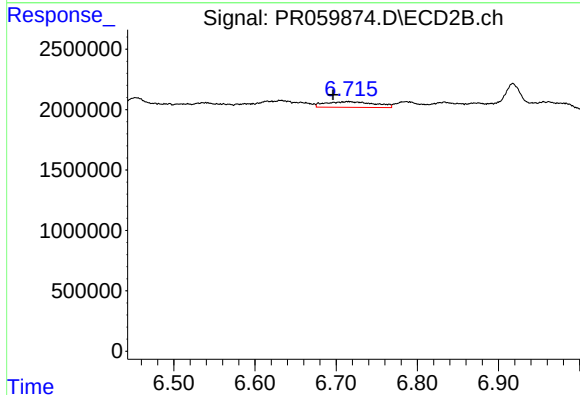
R.T.: 6.420 min
Delta R.T.: -0.011 min
Response: 1061882
Conc: 5.05 ng/ml



#35 AR-1260-5

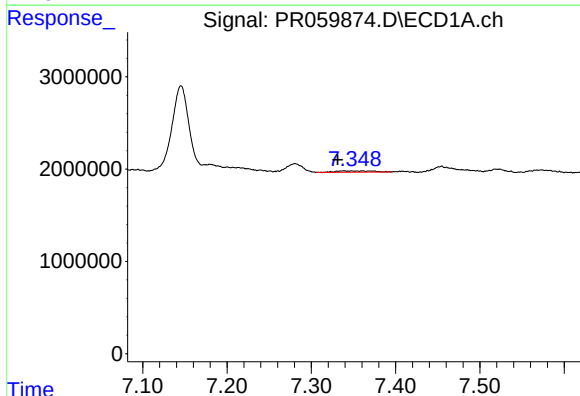
R.T.: 7.945 min
Delta R.T.: 0.027 min
Response: 717599
Conc: 3.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



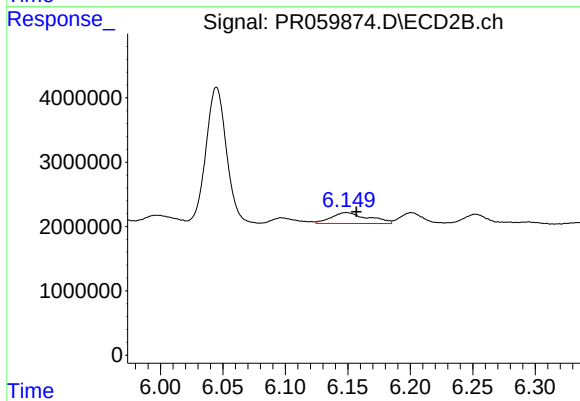
#35 AR-1260-5

R.T.: 6.715 min
Delta R.T.: 0.019 min
Response: 1969756
Conc: 4.14 ng/ml



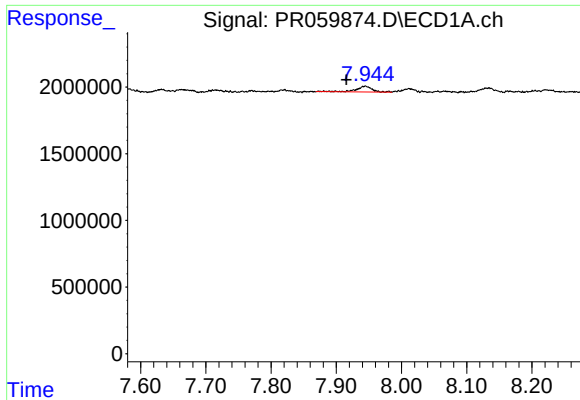
#36 AR-1262-1

R.T.: 7.348 min
Delta R.T.: 0.017 min
Response: 427602
Conc: 2.78 ng/ml



#36 AR-1262-1

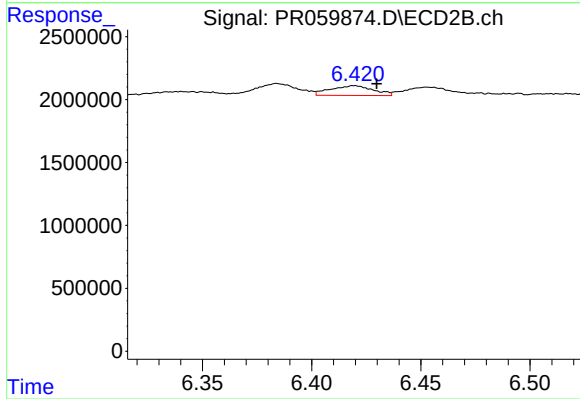
R.T.: 6.149 min
Delta R.T.: -0.008 min
Response: 3483134
Conc: 11.40 ng/ml



#37 AR-1262-2

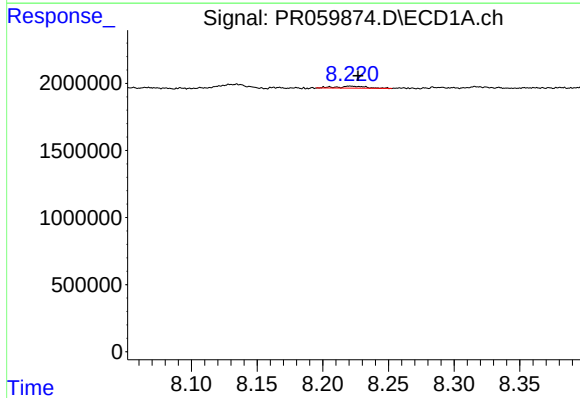
R.T.: 7.945 min
Delta R.T.: 0.029 min
Response: 717599
Conc: 2.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



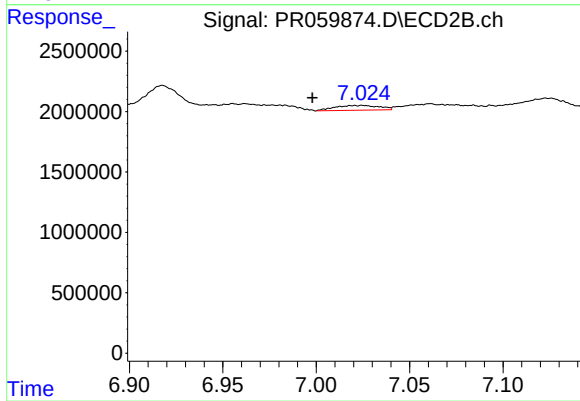
#37 AR-1262-2

R.T.: 6.420 min
Delta R.T.: -0.010 min
Response: 1061882
Conc: 3.91 ng/ml



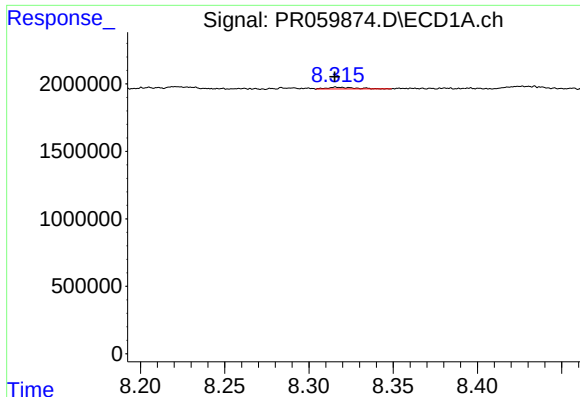
#38 AR-1262-3

R.T.: 8.221 min
Delta R.T.: -0.006 min
Response: 233722
Conc: 1.24 ng/ml



#38 AR-1262-3

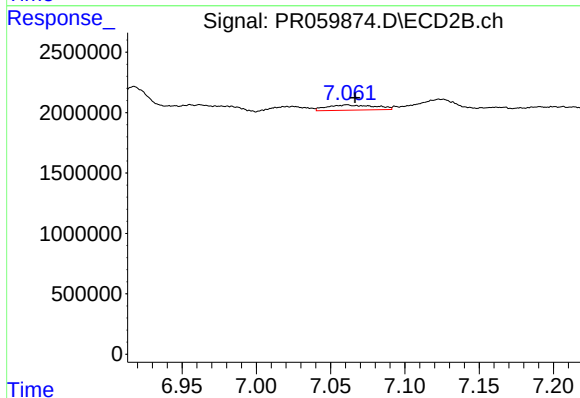
R.T.: 7.020 min
Delta R.T.: 0.022 min
Response: 664166
Conc: 3.24 ng/ml



#39 AR-1262-4

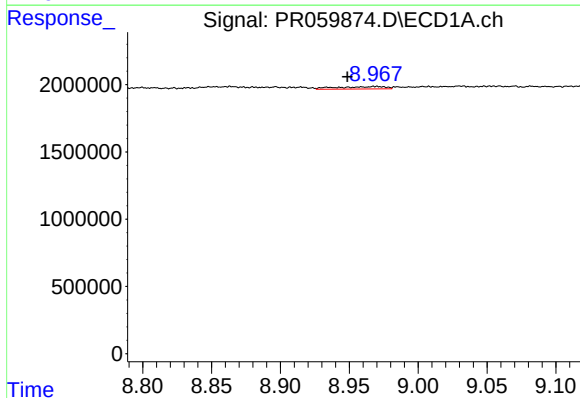
R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 130730
Conc: 0.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



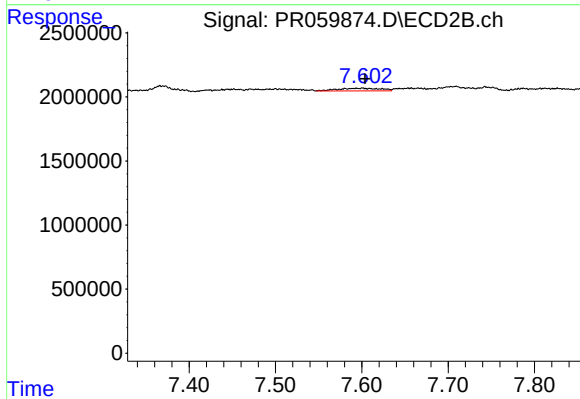
#39 AR-1262-4

R.T.: 7.061 min
Delta R.T.: -0.005 min
Response: 970873
Conc: 2.53 ng/ml



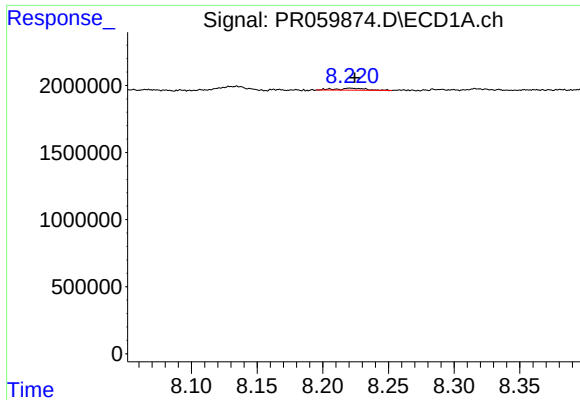
#40 AR-1262-5

R.T.: 8.959 min
Delta R.T.: 0.010 min
Response: 441565
Conc: 4.20 ng/ml



#40 AR-1262-5

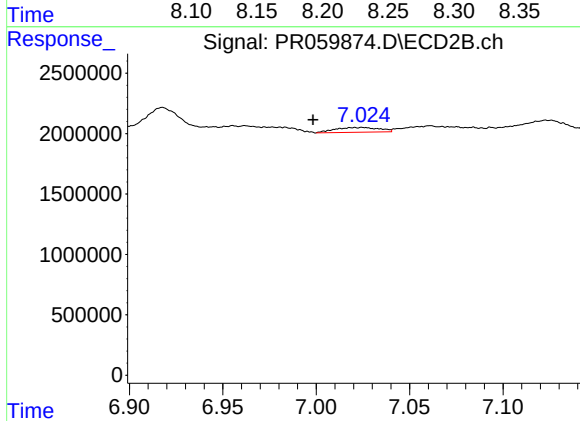
R.T.: 7.601 min
Delta R.T.: -0.003 min
Response: 701630
Conc: 4.15 ng/ml



#41 AR-1268-1

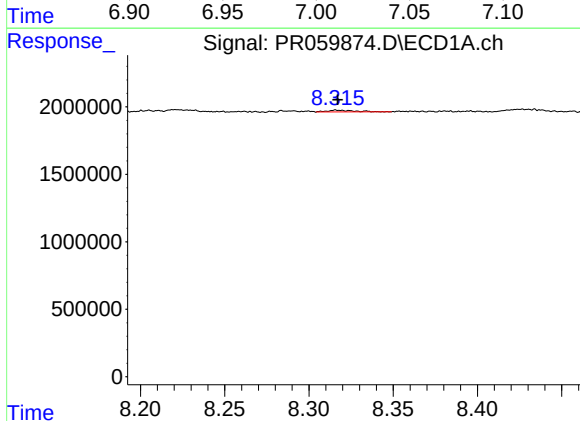
R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 233722
Conc: 0.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



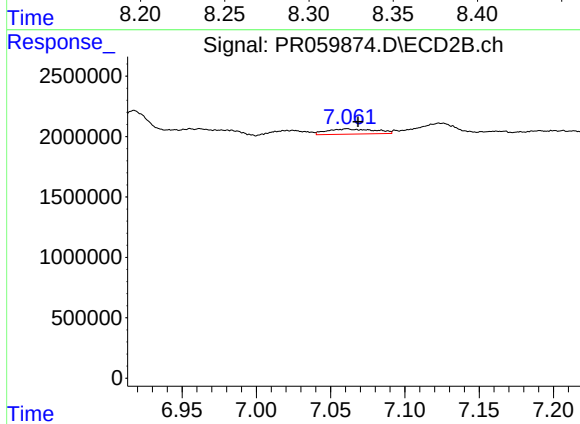
#41 AR-1268-1

R.T.: 7.020 min
Delta R.T.: 0.022 min
Response: 664166
Conc: 0.76 ng/ml



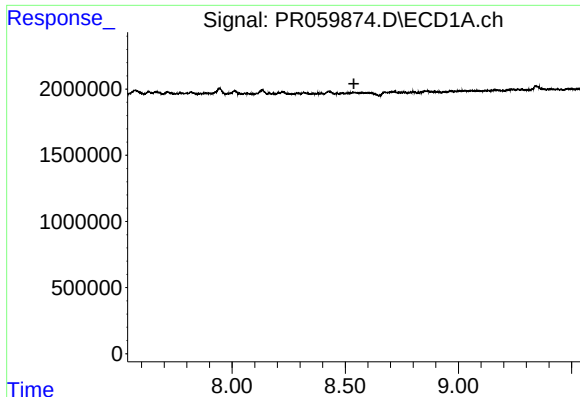
#42 AR-1268-2

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 130730
Conc: 0.33 ng/ml



#42 AR-1268-2

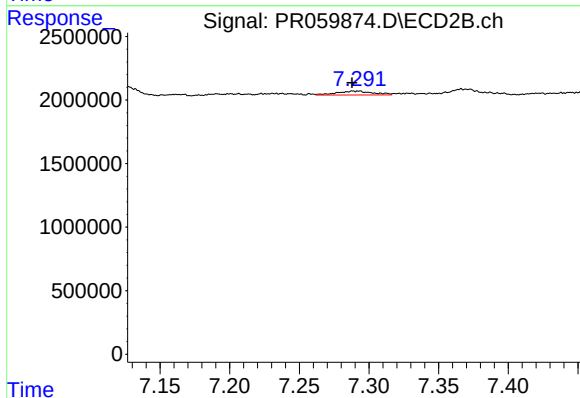
R.T.: 7.061 min
Delta R.T.: -0.007 min
Response: 970873
Conc: 1.23 ng/ml



#43 AR-1268-3

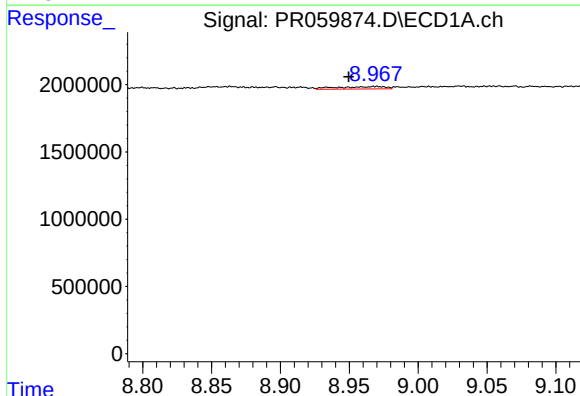
R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



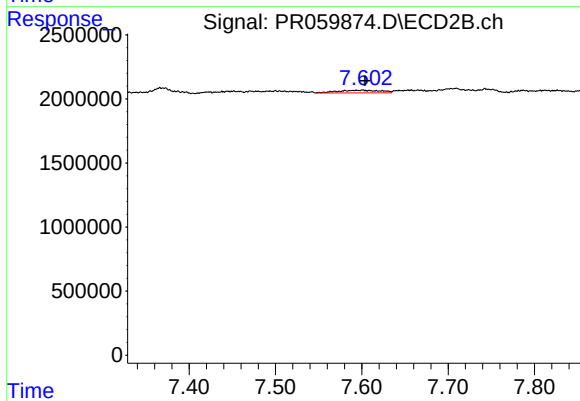
#43 AR-1268-3

R.T.: 7.289 min
Delta R.T.: 0.001 min
Response: 548081
Conc: 0.79 ng/ml



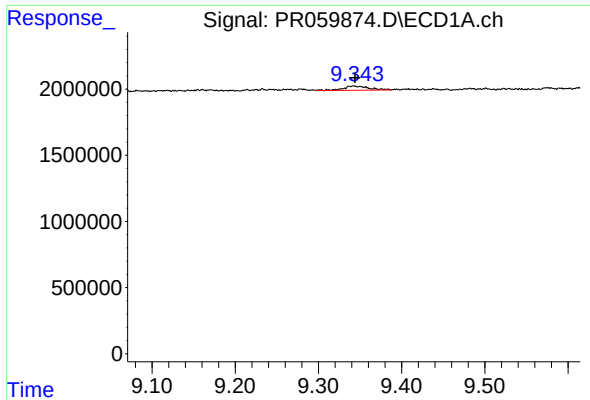
#44 AR-1268-4

R.T.: 8.959 min
Delta R.T.: 0.009 min
Response: 441565
Conc: 2.80 ng/ml



#44 AR-1268-4

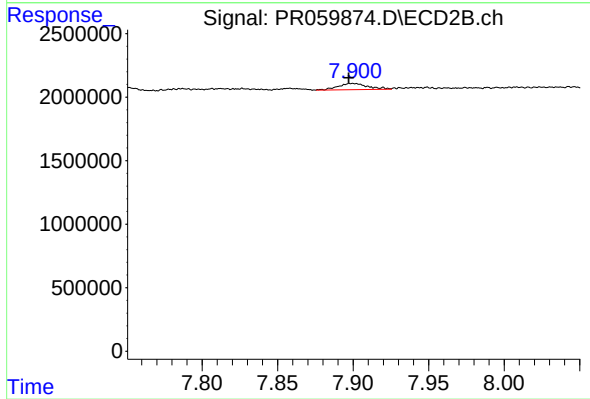
R.T.: 7.601 min
Delta R.T.: -0.002 min
Response: 701630
Conc: 2.65 ng/ml



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: -0.002 min
Response: 692749
Conc: 0.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.900 min
Delta R.T.: 0.002 min
Response: 675292
Conc: 0.32 ng/ml