

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112223\
 Data File : PR064512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2023 21:35
 Operator : AJ\MA
 Sample : 05455-05
 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: Nov 23 00:38:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112023CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 05:53:23 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...	3.703	3.009	147.1E6	142.4E6	24.130	25.027
2)	SA Decachlor...	9.725	8.390	62038258	75940030	17.573	17.538
Target Compounds							
3)	L1 AR-1016-1	4.941	4.157	2810901	3138185	15.423	16.445
4)	L1 AR-1016-2	4.941	4.183	2810901	5526750	10.485	20.836 #
5)	L1 AR-1016-3	5.035	4.358	5625180	5269960	33.682	36.931
6)	L1 AR-1016-4	5.107	4.410	16566266	1148345	121.374	10.746 #
7)	L1 AR-1016-5	5.445	4.638	17689615	-1060753	133.562	N.D. #
8)	L2 AR-1221-1	3.932	3.229	546799	99415	7.880	1.548 #
9)	L2 AR-1221-2	4.018	3.320	1820724	3133826	38.480	70.681 #
10)	L2 AR-1221-3	4.111	3.429	818052	728065	5.241	4.762
11)	L3 AR-1232-1	4.111	3.382	818052	565824	6.374	4.489 #
12)	L3 AR-1232-2	4.659	4.183	2724744	5526750	42.673	45.500
13)	L3 AR-1232-3	4.941	4.358	2810901	5269960	23.573	82.527 #
14)	L3 AR-1232-4	5.107	4.464	16566266	26685807	280.157	464.810 #
15)	L3 AR-1232-5	5.221	4.638	5184198	-1060753	117.329	N.D. #
16)	L4 AR-1242-1	4.941	4.157	2810901	3138185	18.341	19.310
17)	L4 AR-1242-2	4.941	4.183	2810901	5526750	12.535	24.766 #
18)	L4 AR-1242-3	5.035	4.358	5625180	5269960	39.958	43.899
19)	L4 AR-1242-4	5.107	4.464	16566266	26685807	144.139	233.065 #
20)	L4 AR-1242-5	5.938	5.015	3310822	23396777	28.729	157.833 #
21)	L5 AR-1248-1	4.941	4.157	2810901	3138185	23.798	25.413
22)	L5 AR-1248-2	5.221	4.410	5184198	1148345	31.745	7.012 #
23)	L5 AR-1248-3	5.445	4.464	17689615	26685807	93.736	155.381 #
24)	L5 AR-1248-4	5.862	4.638	17382511	-1060753	85.032	N.D. #
25)	L5 AR-1248-5	5.938	5.053	3310822	6026819	16.355	29.111 #
26)	L6 AR-1254-1	5.862	5.015	17382511	23396777	85.601	75.558
27)	L6 AR-1254-2	6.098	5.177	14544383	13231367	47.345	49.277
28)	L6 AR-1254-3	6.497	5.607	11881834	9412339	37.837	22.195 #
29)	L6 AR-1254-4	6.810	5.859	272161	5477384	1.261	20.735 #
30)	L6 AR-1254-5	7.272	6.311	3375704	7853965	14.445	20.796 #
31)	L7 AR-1260-1	6.678	5.751	3482888	12353570	14.571	42.261 #
32)	L7 AR-1260-2	6.949	5.959	12803855	3806452	46.813	10.855 #
33)	L7 AR-1260-3	7.364	6.118	20385650	6793920	102.587	20.169 #
34)	L7 AR-1260-4	7.593	6.631	2666559	2584122	12.070	9.617
35)	L7 AR-1260-5	7.945	6.904	2000402	6232390	4.819	9.892 #
36)	L8 AR-1262-1	7.364	6.350	20385650	2501393	70.862	6.445 #
37)	L8 AR-1262-2	7.945	6.904	2000402	6232390	4.313	8.968 #
38)	L8 AR-1262-3	8.264	7.190	1247699	1484372	4.043	5.972 #
39)	L8 AR-1262-4	8.355	7.282	355895	5250371	1.543	10.403 #
40)	L8 AR-1262-5	8.998	7.828	890803	1391409	5.659	6.154
41)	L9 AR-1268-1	8.264	7.190	1247699	1484372	2.354	2.067

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Integration File signal 1: autoint1.e
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 Quant Time: Nov 23 00:38:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112023CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 05:53:23 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
42) L9	AR-1268-2	8.355	7.282	355895	5250371	0.760	7.326 #
43) L9	AR-1268-3	8.570	7.512	761373	2657276	1.858	4.345 #
44) L9	AR-1268-4	8.998	7.828	890803	1391409	5.243	5.548
45) L9	AR-1268-5	9.394	8.129	501387	1705176	0.388	0.937 #

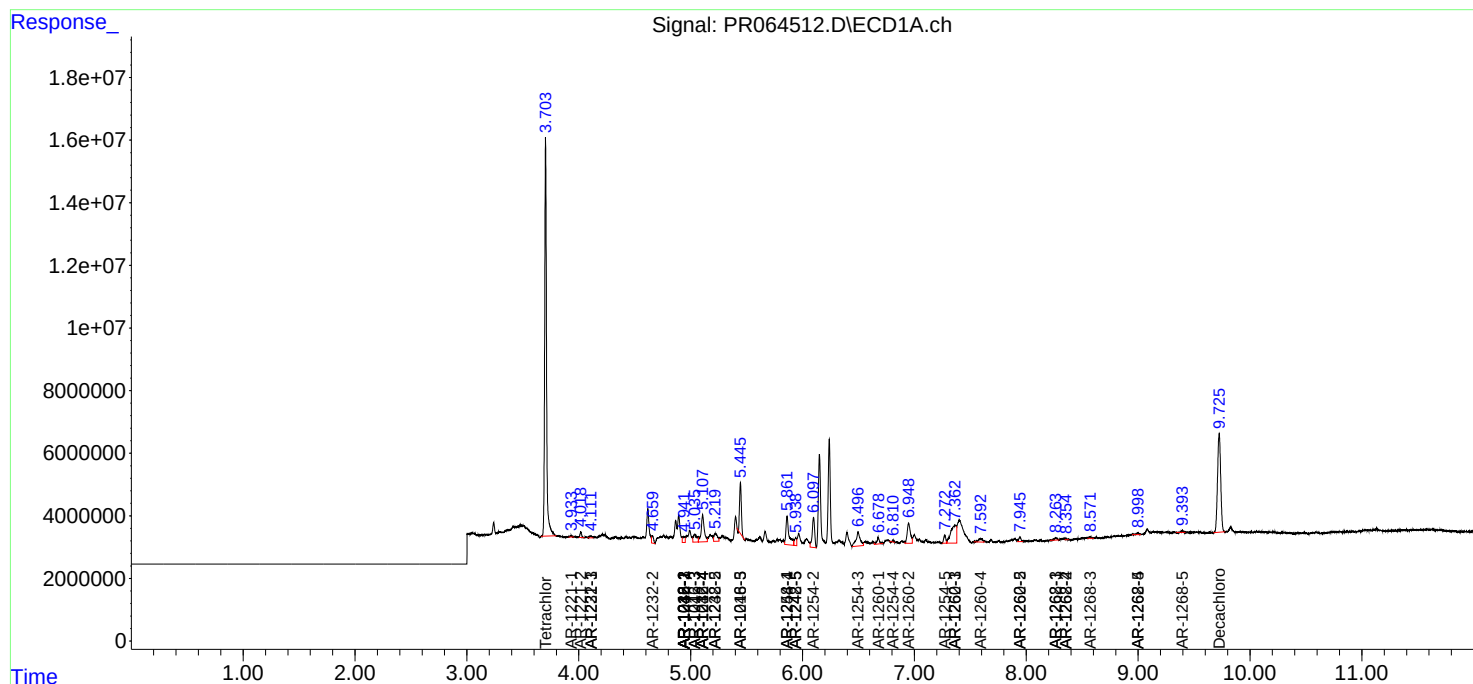
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

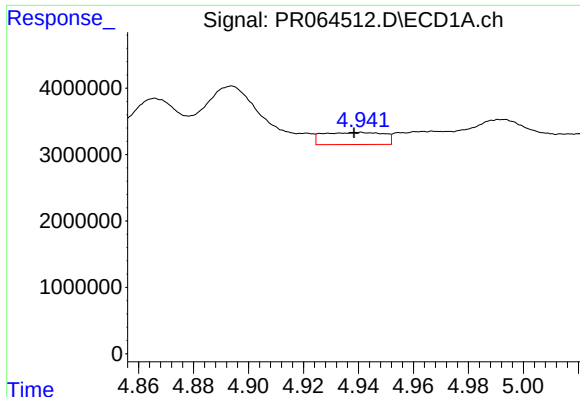
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

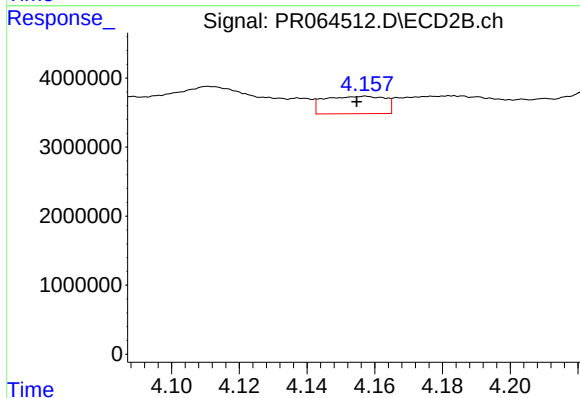




#3 AR-1016-1

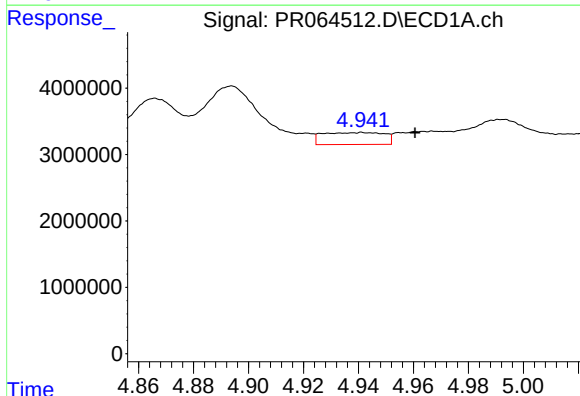
R.T.: 4.941 min
Delta R.T.: 0.003 min
Response: 2810901
Conc: 15.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



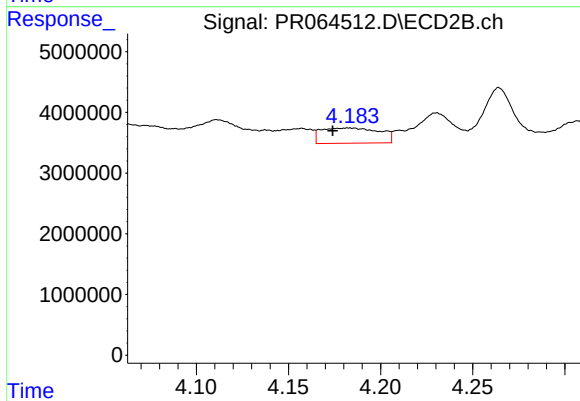
#3 AR-1016-1

R.T.: 4.157 min
Delta R.T.: 0.002 min
Response: 3138185
Conc: 16.44 ng/ml



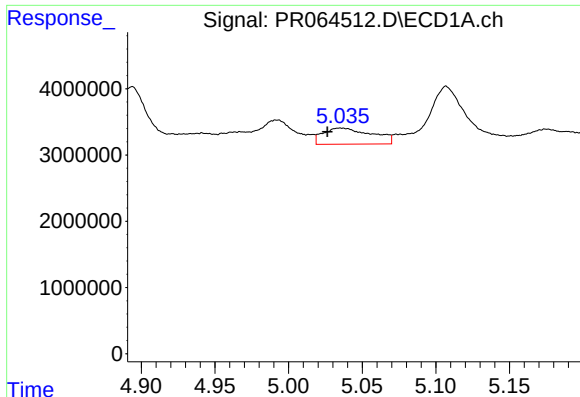
#4 AR-1016-2

R.T.: 4.941 min
Delta R.T.: -0.019 min
Response: 2810901
Conc: 10.48 ng/ml



#4 AR-1016-2

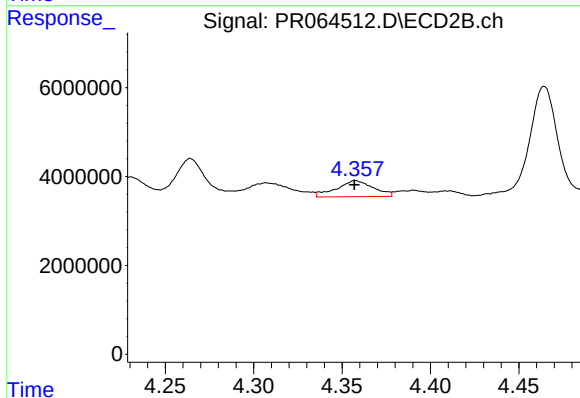
R.T.: 4.183 min
Delta R.T.: 0.009 min
Response: 5526750
Conc: 20.84 ng/ml



#5 AR-1016-3

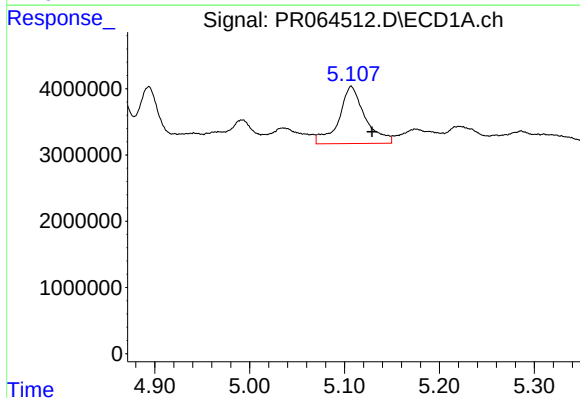
R.T.: 5.035 min
Delta R.T.: 0.009 min
Response: 5625180
Conc: 33.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



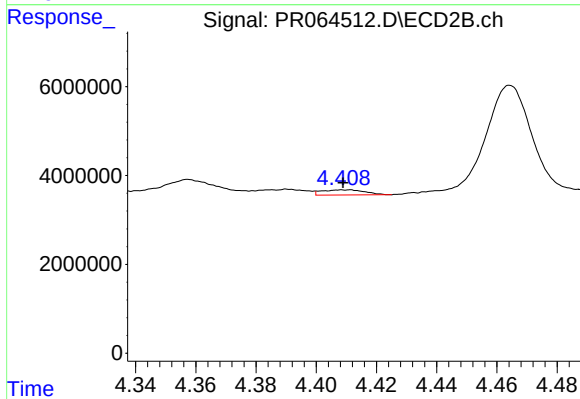
#5 AR-1016-3

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 5269960
Conc: 36.93 ng/ml



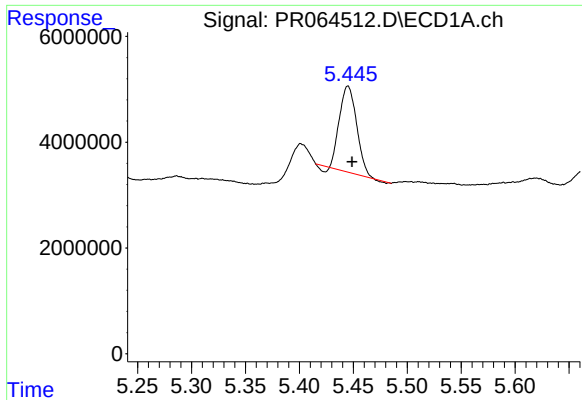
#6 AR-1016-4

R.T.: 5.107 min
Delta R.T.: -0.022 min
Response: 16566266
Conc: 121.37 ng/ml



#6 AR-1016-4

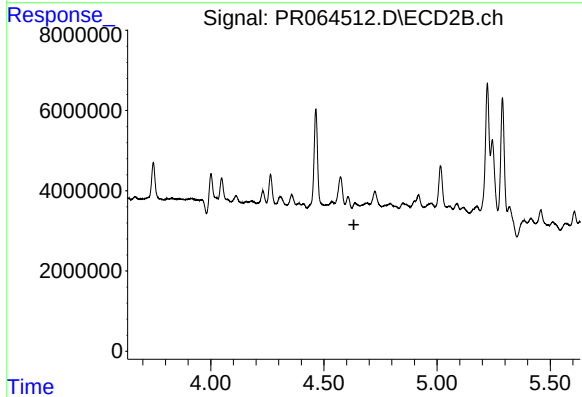
R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 1148345
Conc: 10.75 ng/ml



#7 AR-1016-5

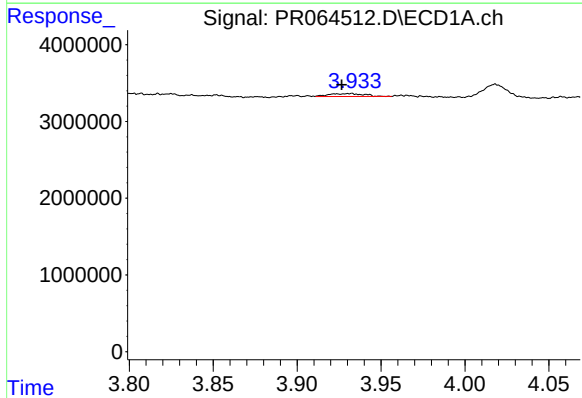
R.T.: 5.445 min
Delta R.T.: -0.004 min
Response: 17689615
Conc: 133.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



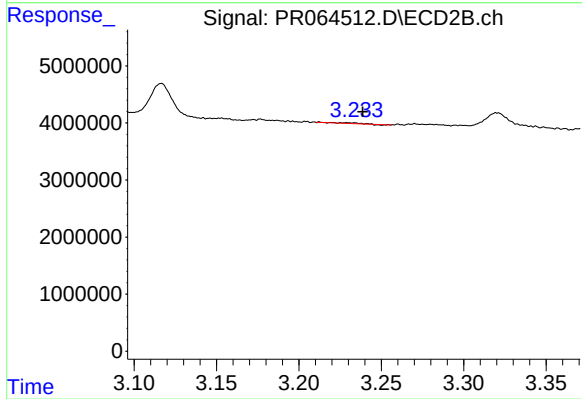
#7 AR-1016-5

R.T.: 4.638 min
Delta R.T.: 0.005 min
Response: -1060753
Conc: N.D.



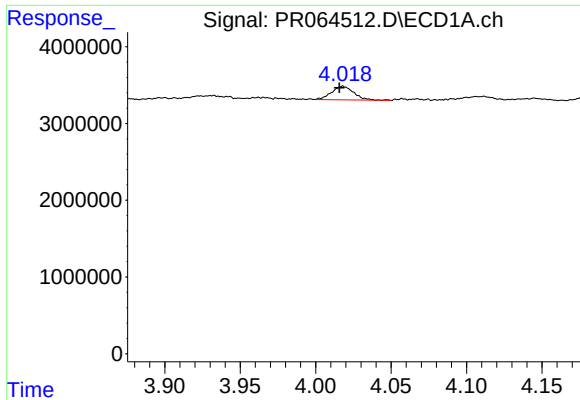
#8 AR-1221-1

R.T.: 3.932 min
Delta R.T.: 0.005 min
Response: 546799
Conc: 7.88 ng/ml



#8 AR-1221-1

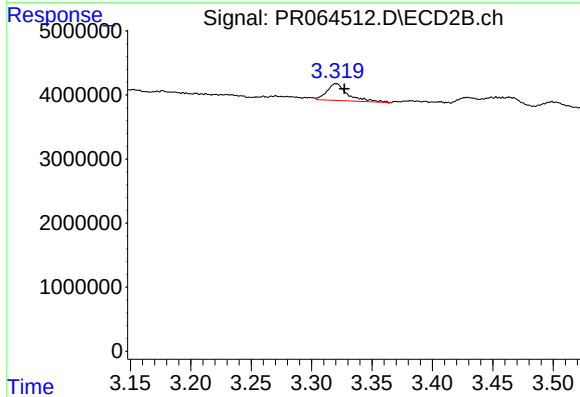
R.T.: 3.229 min
Delta R.T.: -0.009 min
Response: 99415
Conc: 1.55 ng/ml



#9 AR-1221-2

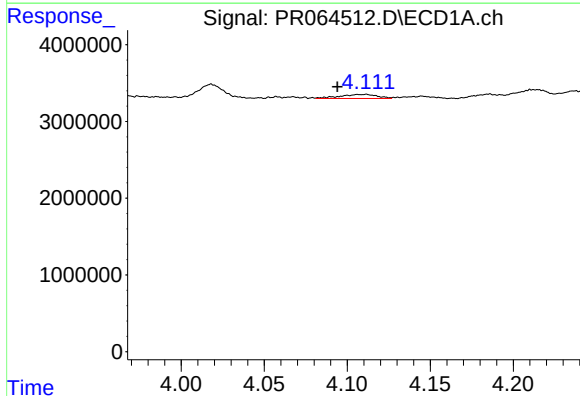
R.T.: 4.018 min
Delta R.T.: 0.002 min
Response: 1820724
Conc: 38.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



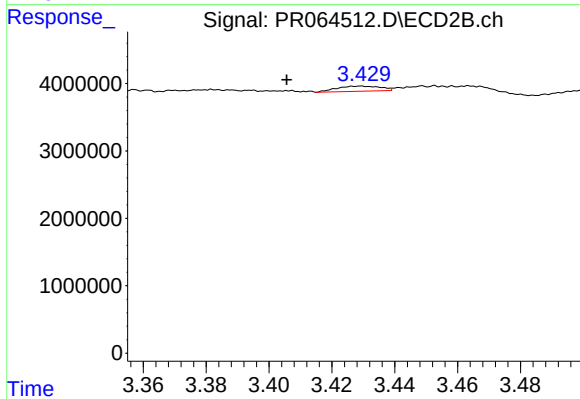
#9 AR-1221-2

R.T.: 3.320 min
Delta R.T.: -0.007 min
Response: 3133826
Conc: 70.68 ng/ml



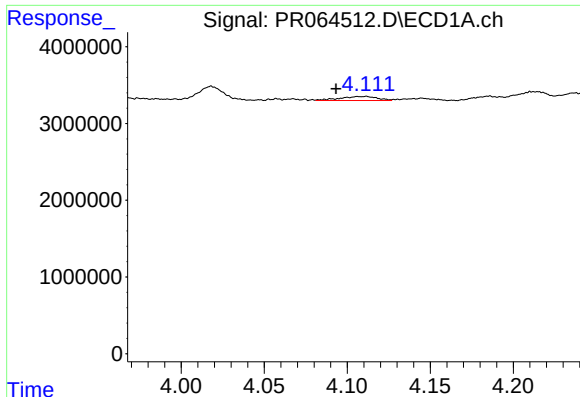
#10 AR-1221-3

R.T.: 4.111 min
Delta R.T.: 0.017 min
Response: 818052
Conc: 5.24 ng/ml



#10 AR-1221-3

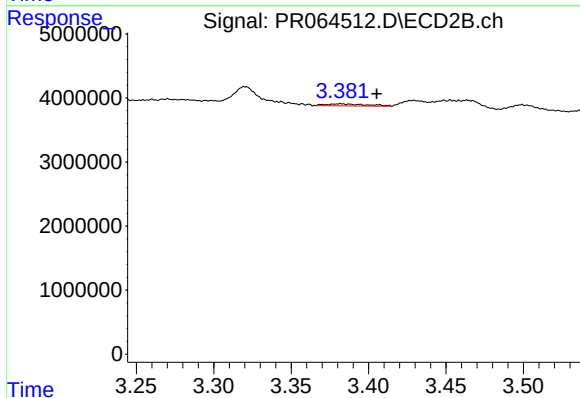
R.T.: 3.429 min
Delta R.T.: 0.023 min
Response: 728065
Conc: 4.76 ng/ml



#11 AR-1232-1

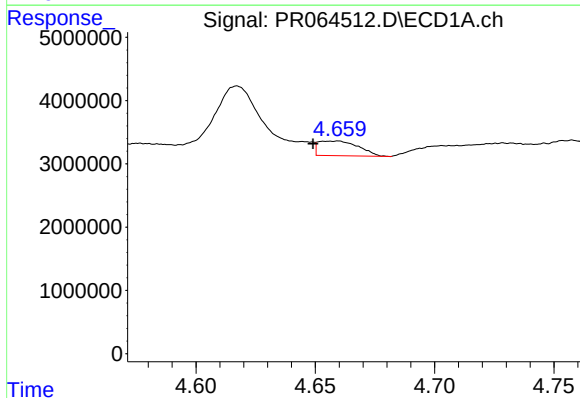
R.T.: 4.111 min
Delta R.T.: 0.018 min
Response: 818052
Conc: 6.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



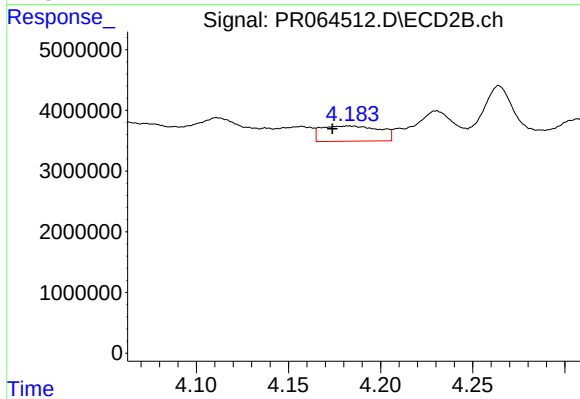
#11 AR-1232-1

R.T.: 3.382 min
Delta R.T.: -0.023 min
Response: 565824
Conc: 4.49 ng/ml



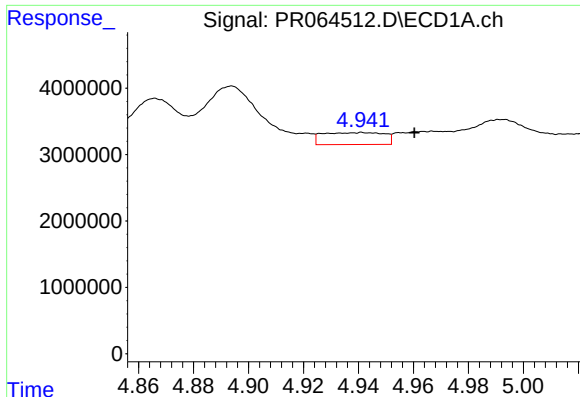
#12 AR-1232-2

R.T.: 4.659 min
Delta R.T.: 0.010 min
Response: 2724744
Conc: 42.67 ng/ml



#12 AR-1232-2

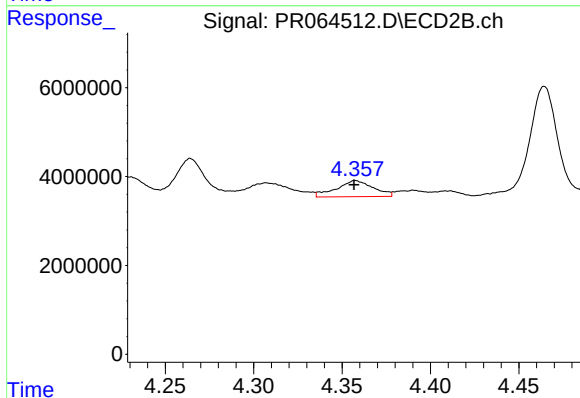
R.T.: 4.183 min
Delta R.T.: 0.009 min
Response: 5526750
Conc: 45.50 ng/ml



#13 AR-1232-3

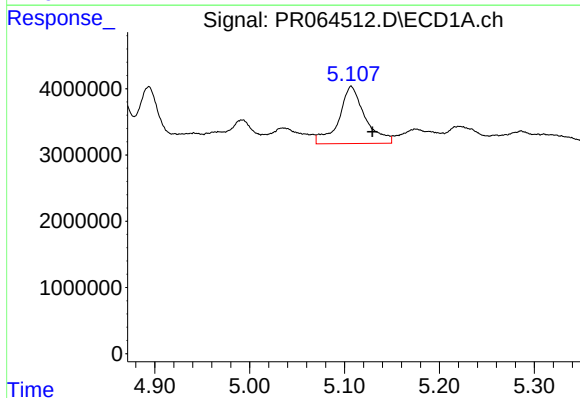
R.T.: 4.941 min
Delta R.T.: -0.019 min
Response: 2810901
Conc: 23.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



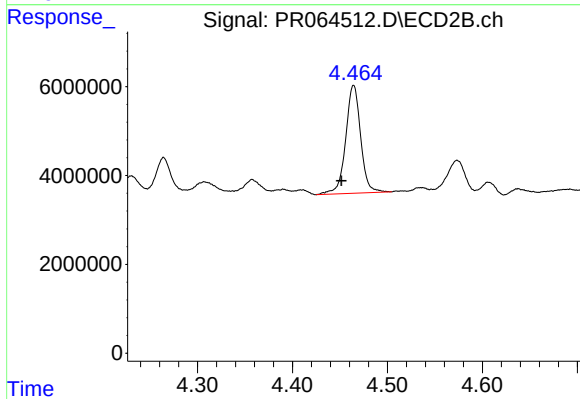
#13 AR-1232-3

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 5269960
Conc: 82.53 ng/ml



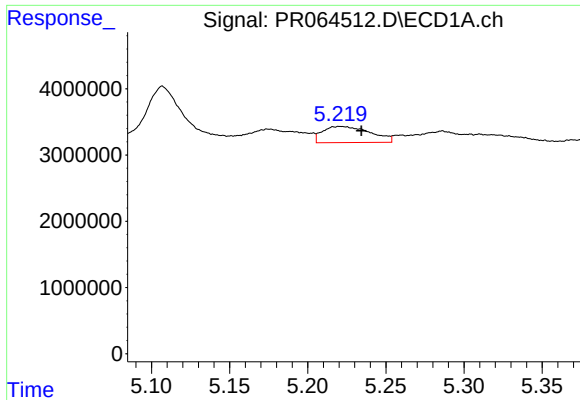
#14 AR-1232-4

R.T.: 5.107 min
Delta R.T.: -0.022 min
Response: 16566266
Conc: 280.16 ng/ml



#14 AR-1232-4

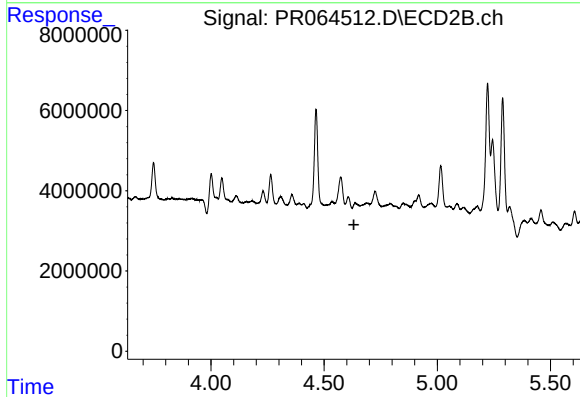
R.T.: 4.464 min
Delta R.T.: 0.013 min
Response: 26685807
Conc: 464.81 ng/ml



#15 AR-1232-5

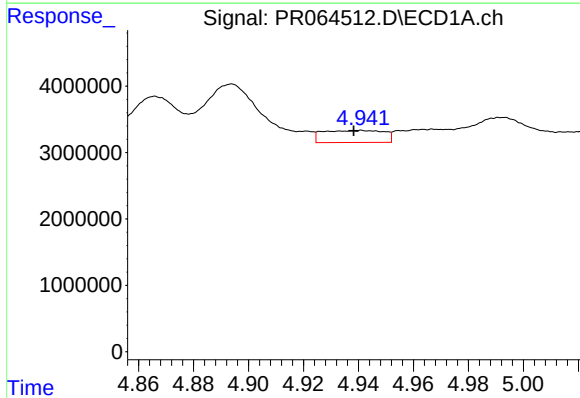
R.T.: 5.221 min
Delta R.T.: -0.013 min
Response: 5184198
Conc: 117.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



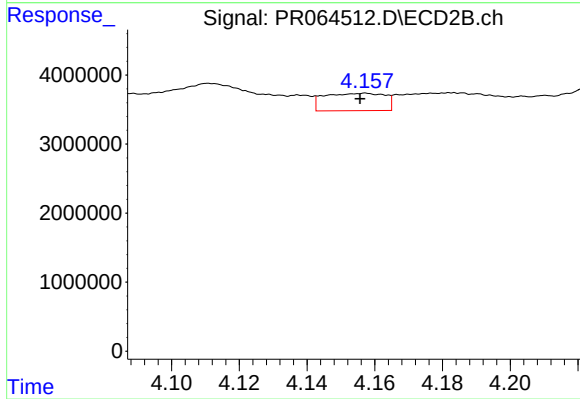
#15 AR-1232-5

R.T.: 4.638 min
Delta R.T.: 0.006 min
Response: -1060753
Conc: N.D.



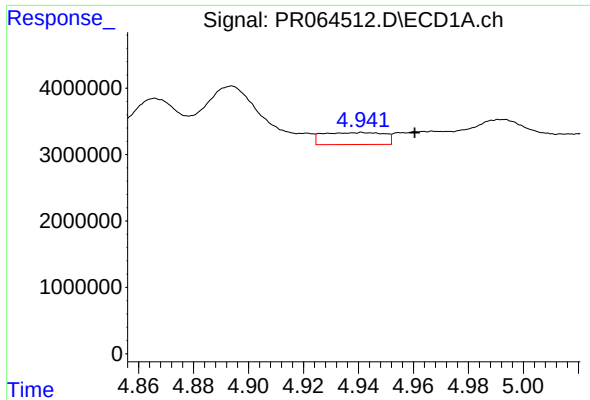
#16 AR-1242-1

R.T.: 4.941 min
Delta R.T.: 0.003 min
Response: 2810901
Conc: 18.34 ng/ml



#16 AR-1242-1

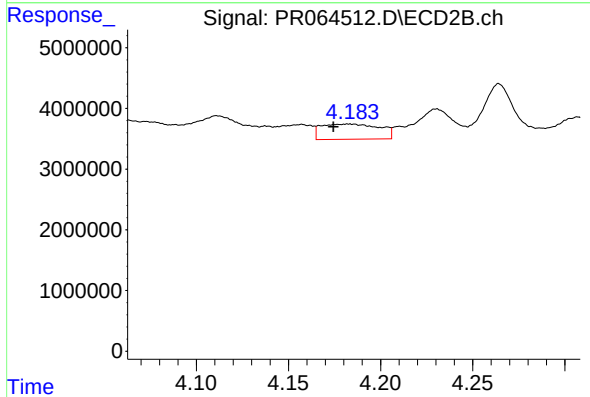
R.T.: 4.157 min
Delta R.T.: 0.001 min
Response: 3138185
Conc: 19.31 ng/ml



#17 AR-1242-2

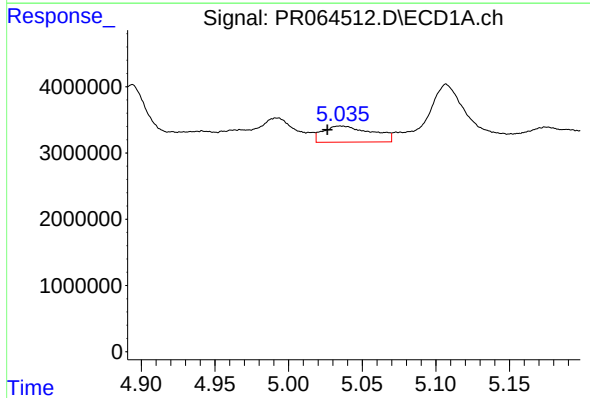
R.T.: 4.941 min
Delta R.T.: -0.019 min
Response: 2810901
Conc: 12.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



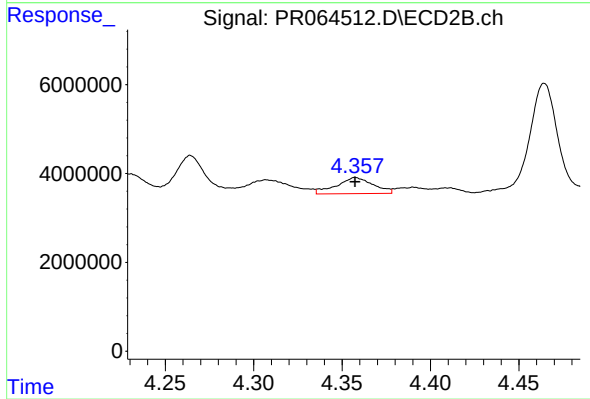
#17 AR-1242-2

R.T.: 4.183 min
Delta R.T.: 0.009 min
Response: 5526750
Conc: 24.77 ng/ml



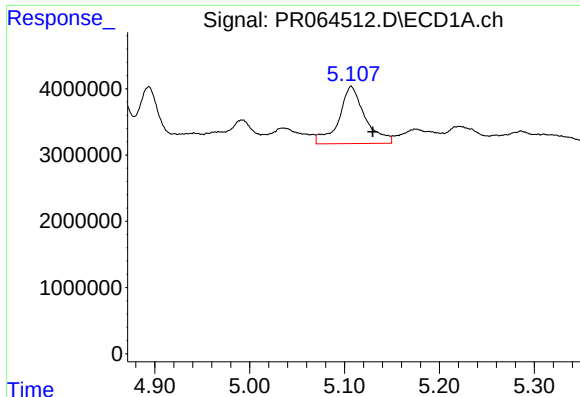
#18 AR-1242-3

R.T.: 5.035 min
Delta R.T.: 0.009 min
Response: 5625180
Conc: 39.96 ng/ml



#18 AR-1242-3

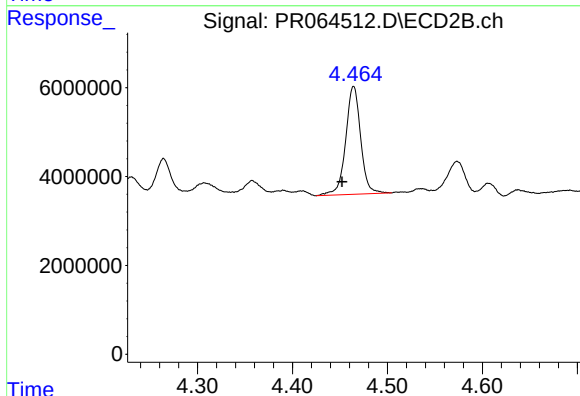
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 5269960
Conc: 43.90 ng/ml



#19 AR-1242-4

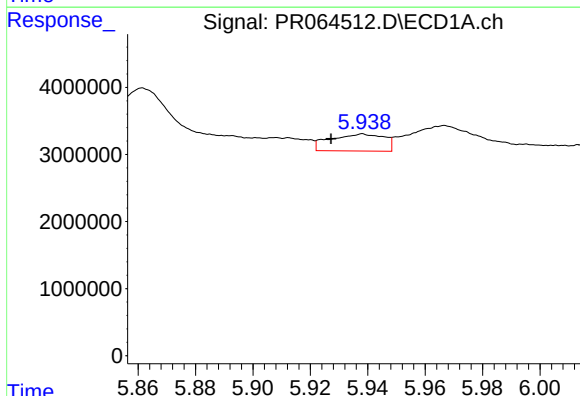
R.T.: 5.107 min
Delta R.T.: -0.022 min
Response: 16566266
Conc: 144.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



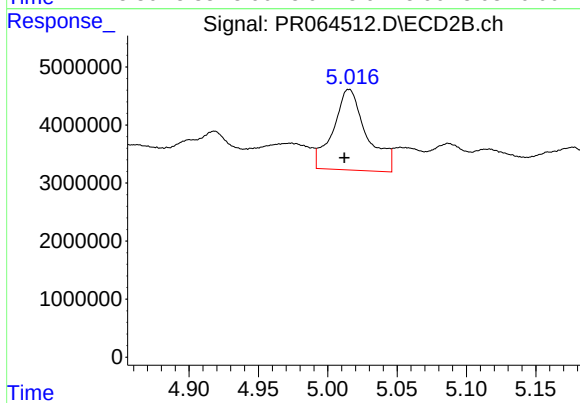
#19 AR-1242-4

R.T.: 4.464 min
Delta R.T.: 0.012 min
Response: 26685807
Conc: 233.07 ng/ml



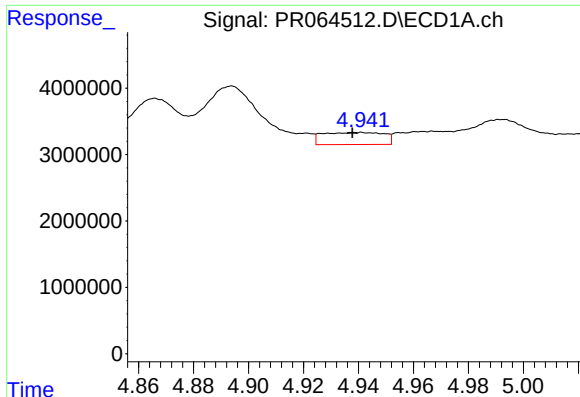
#20 AR-1242-5

R.T.: 5.938 min
Delta R.T.: 0.011 min
Response: 3310822
Conc: 28.73 ng/ml



#20 AR-1242-5

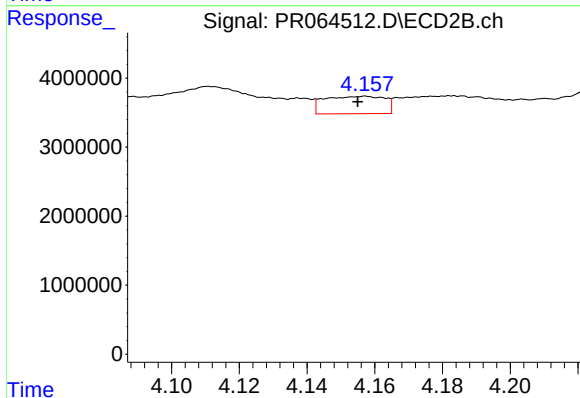
R.T.: 5.015 min
Delta R.T.: 0.003 min
Response: 23396777
Conc: 157.83 ng/ml



#21 AR-1248-1

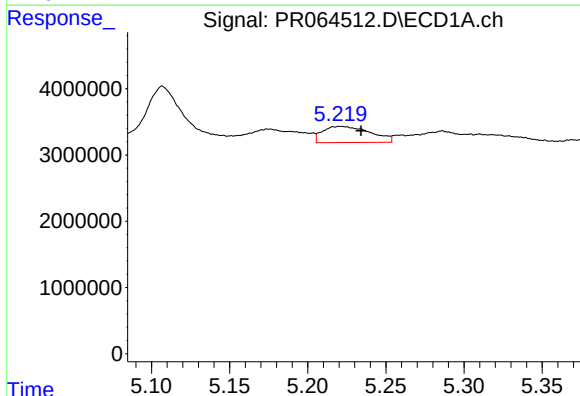
R.T.: 4.941 min
Delta R.T.: 0.004 min
Response: 2810901
Conc: 23.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



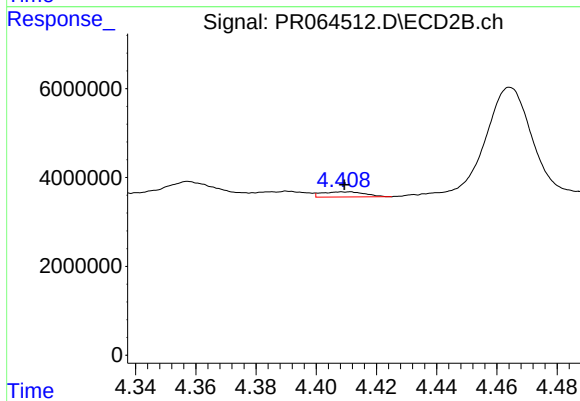
#21 AR-1248-1

R.T.: 4.157 min
Delta R.T.: 0.002 min
Response: 3138185
Conc: 25.41 ng/ml



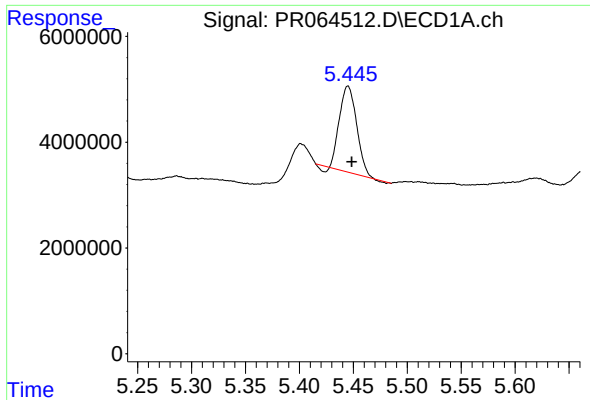
#22 AR-1248-2

R.T.: 5.221 min
Delta R.T.: -0.013 min
Response: 5184198
Conc: 31.74 ng/ml



#22 AR-1248-2

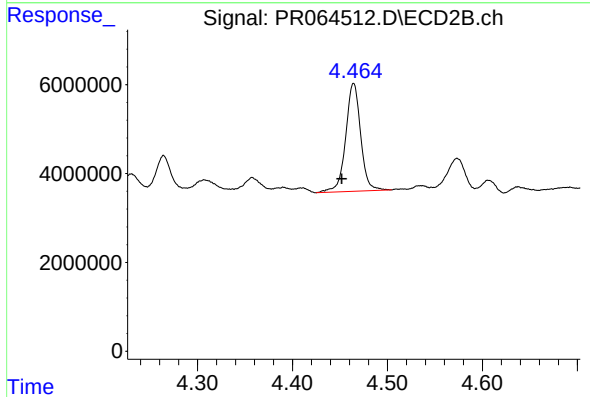
R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 1148345
Conc: 7.01 ng/ml



#23 AR-1248-3

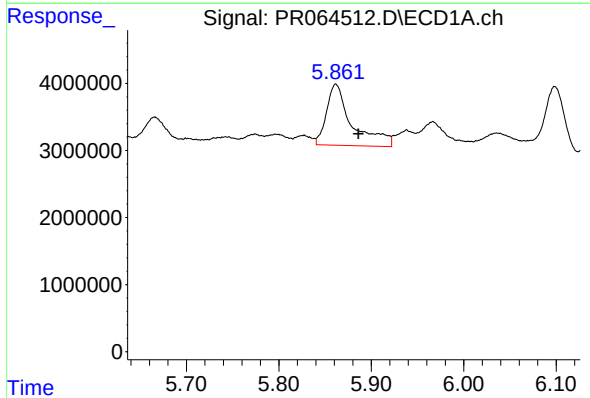
R.T.: 5.445 min
Delta R.T.: -0.003 min
Response: 17689615
Conc: 93.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



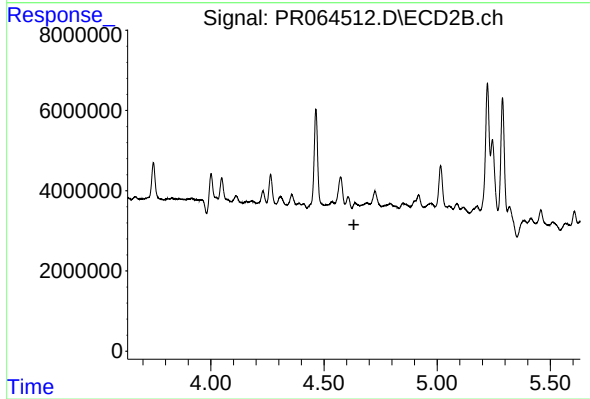
#23 AR-1248-3

R.T.: 4.464 min
Delta R.T.: 0.013 min
Response: 26685807
Conc: 155.38 ng/ml



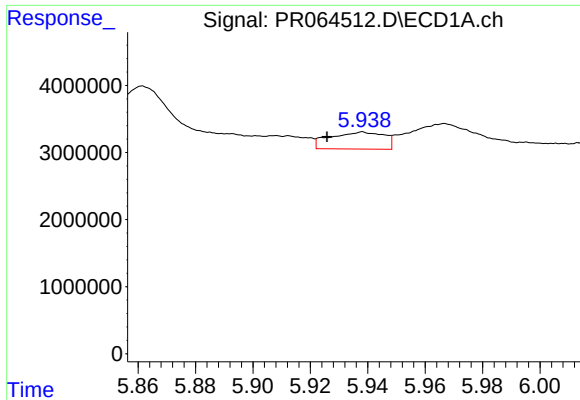
#24 AR-1248-4

R.T.: 5.862 min
Delta R.T.: -0.024 min
Response: 17382511
Conc: 85.03 ng/ml



#24 AR-1248-4

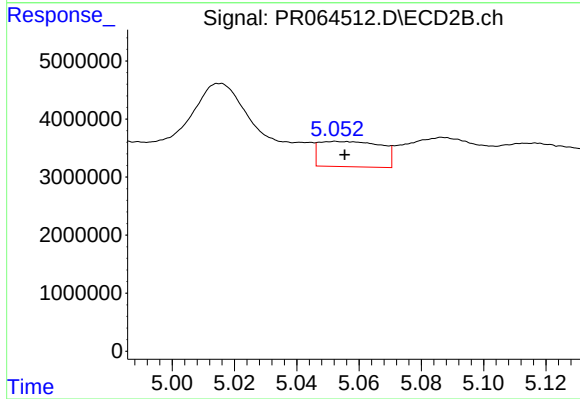
R.T.: 4.638 min
Delta R.T.: 0.005 min
Response: -1060753
Conc: N.D.



#25 AR-1248-5

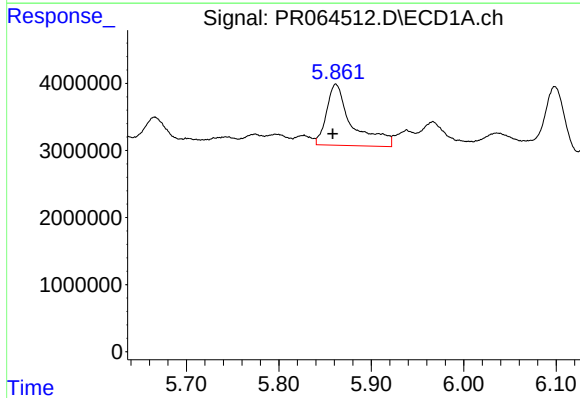
R.T.: 5.938 min
Delta R.T.: 0.012 min
Response: 3310822
Conc: 16.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



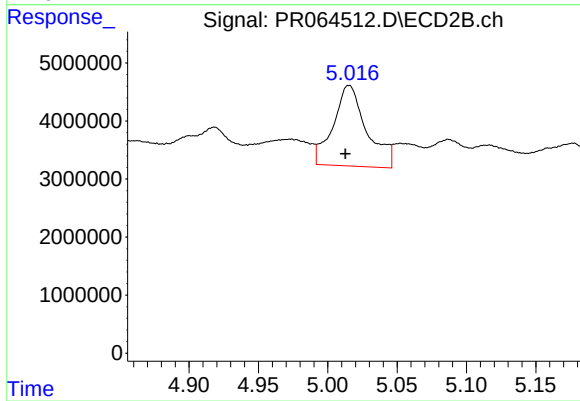
#25 AR-1248-5

R.T.: 5.053 min
Delta R.T.: -0.003 min
Response: 6026819
Conc: 29.11 ng/ml



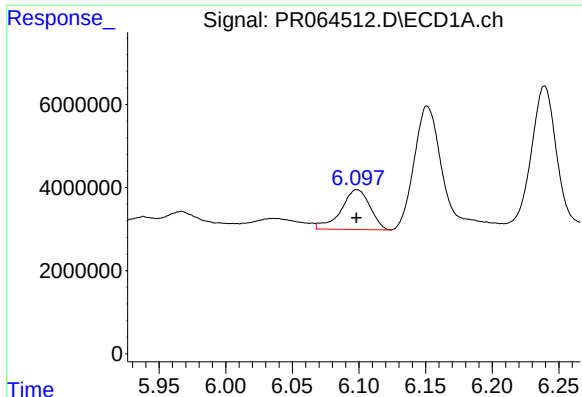
#26 AR-1254-1

R.T.: 5.862 min
Delta R.T.: 0.003 min
Response: 17382511
Conc: 85.60 ng/ml



#26 AR-1254-1

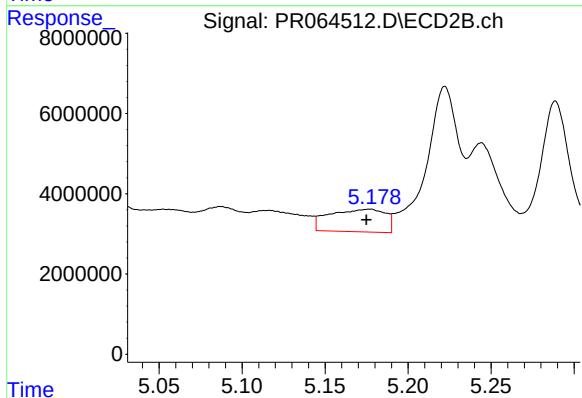
R.T.: 5.015 min
Delta R.T.: 0.003 min
Response: 23396777
Conc: 75.56 ng/ml



#27 AR-1254-2

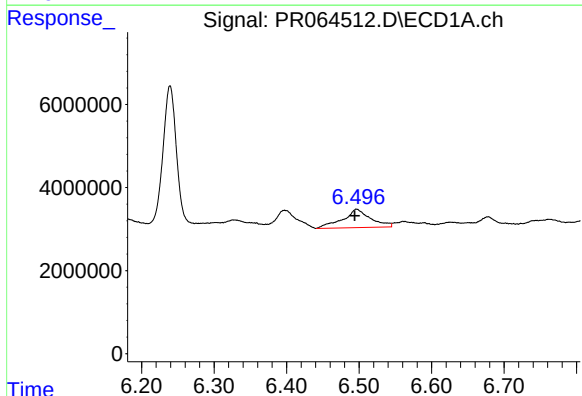
R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 14544383
Conc: 47.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



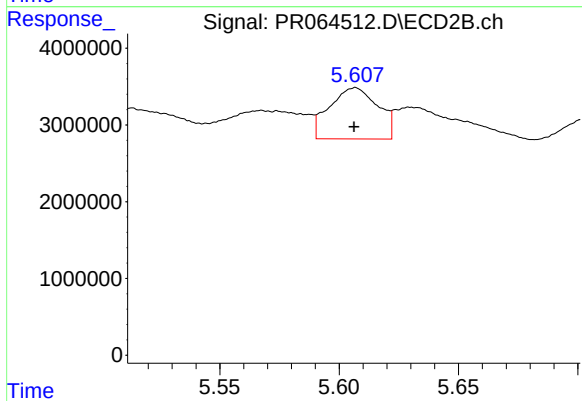
#27 AR-1254-2

R.T.: 5.177 min
Delta R.T.: 0.002 min
Response: 13231367
Conc: 49.28 ng/ml



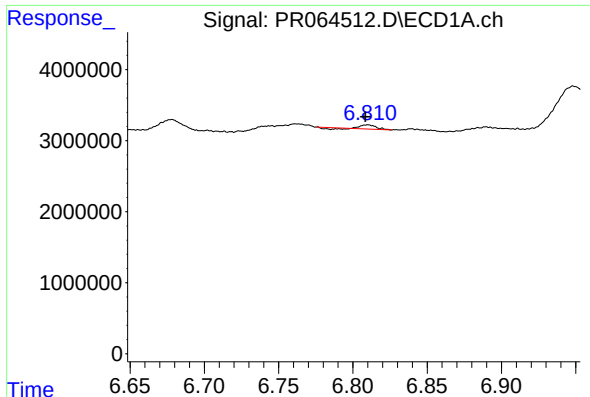
#28 AR-1254-3

R.T.: 6.497 min
Delta R.T.: 0.003 min
Response: 11881834
Conc: 37.84 ng/ml



#28 AR-1254-3

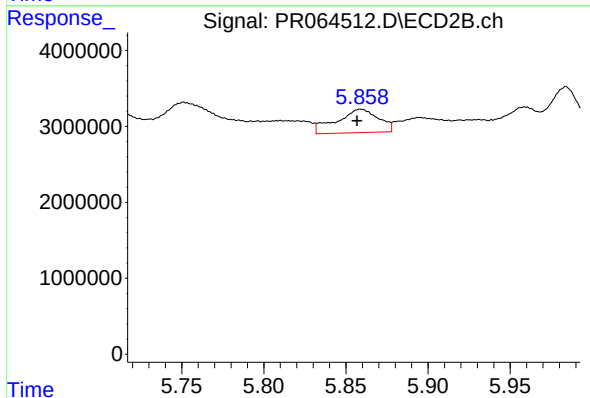
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 9412339
Conc: 22.19 ng/ml



#29 AR-1254-4

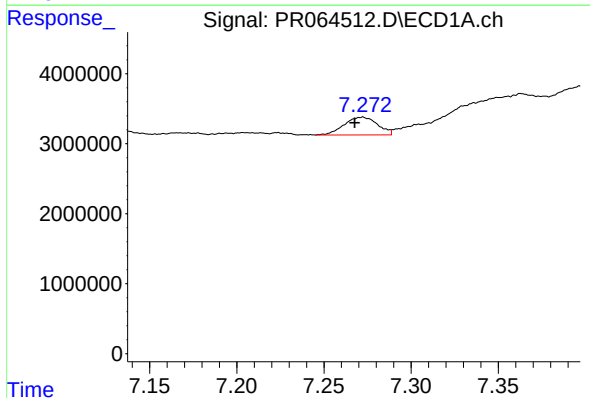
R.T.: 6.810 min
Delta R.T.: 0.001 min
Response: 272161
Conc: 1.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



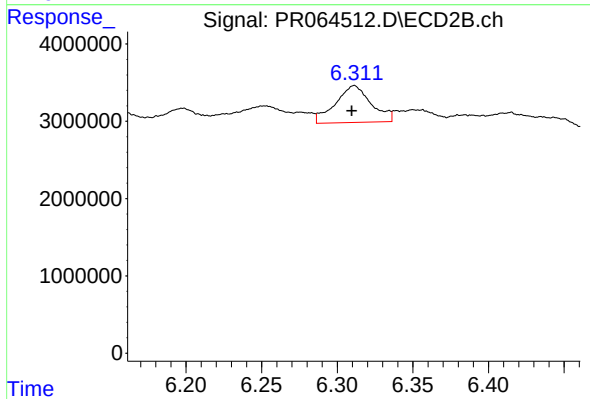
#29 AR-1254-4

R.T.: 5.859 min
Delta R.T.: 0.002 min
Response: 5477384
Conc: 20.73 ng/ml



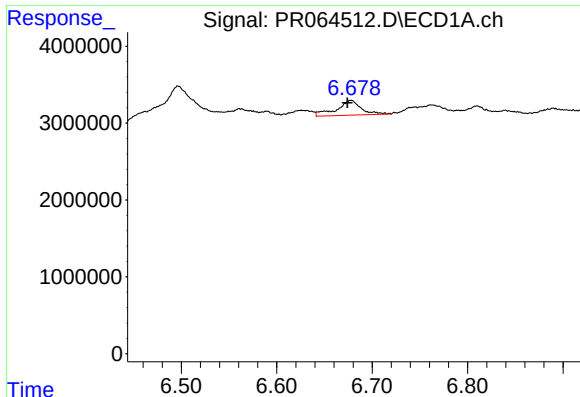
#30 AR-1254-5

R.T.: 7.272 min
Delta R.T.: 0.004 min
Response: 3375704
Conc: 14.44 ng/ml



#30 AR-1254-5

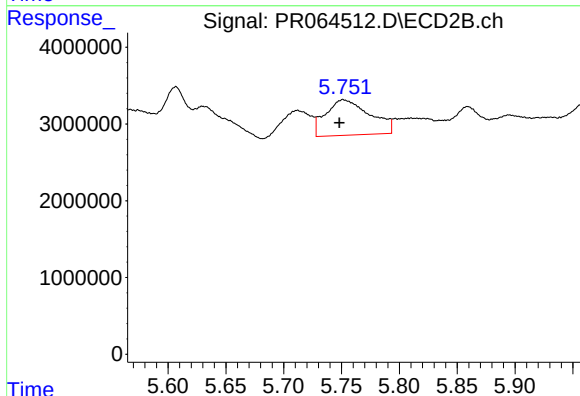
R.T.: 6.311 min
Delta R.T.: 0.002 min
Response: 7853965
Conc: 20.80 ng/ml



#31 AR-1260-1

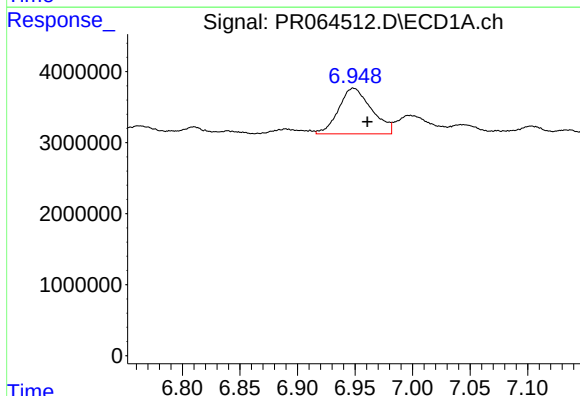
R.T.: 6.678 min
Delta R.T.: 0.004 min
Response: 3482888
Conc: 14.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



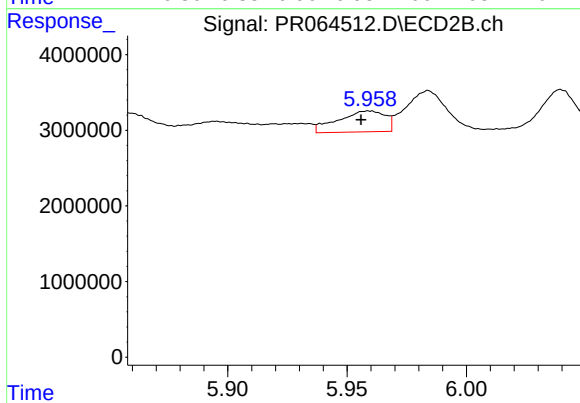
#31 AR-1260-1

R.T.: 5.751 min
Delta R.T.: 0.003 min
Response: 12353570
Conc: 42.26 ng/ml



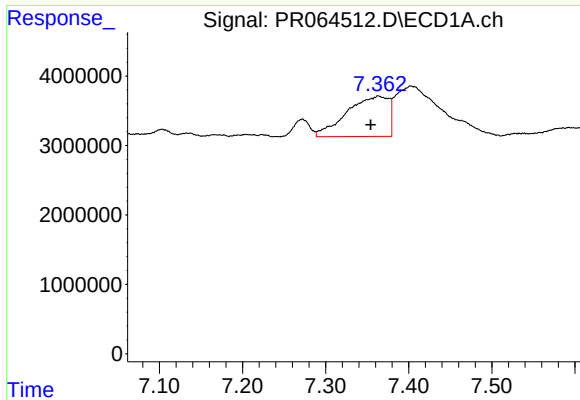
#32 AR-1260-2

R.T.: 6.949 min
Delta R.T.: -0.012 min
Response: 12803855
Conc: 46.81 ng/ml



#32 AR-1260-2

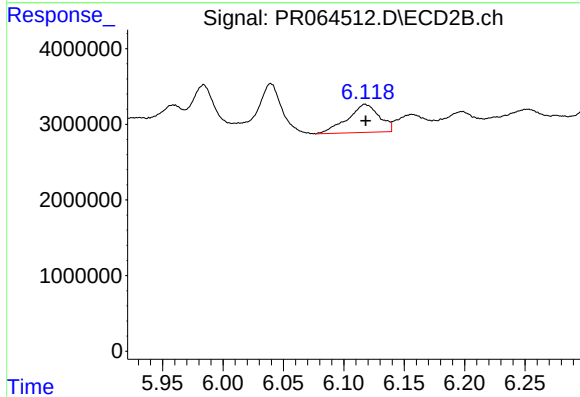
R.T.: 5.959 min
Delta R.T.: 0.003 min
Response: 3806452
Conc: 10.86 ng/ml



#33 AR-1260-3

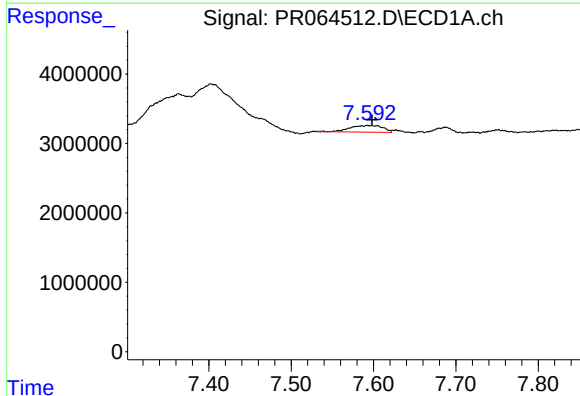
R.T.: 7.364 min
Delta R.T.: 0.009 min
Response: 20385650
Conc: 102.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



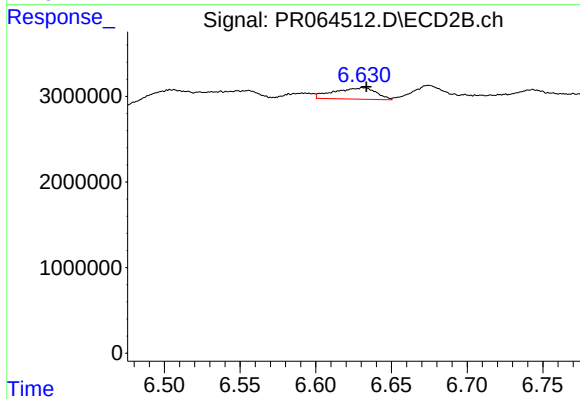
#33 AR-1260-3

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 6793920
Conc: 20.17 ng/ml



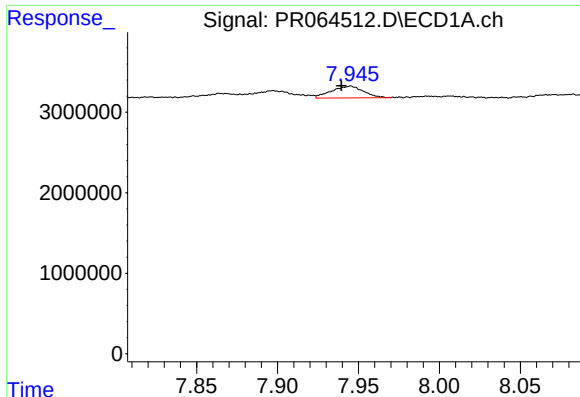
#34 AR-1260-4

R.T.: 7.593 min
Delta R.T.: -0.005 min
Response: 2666559
Conc: 12.07 ng/ml



#34 AR-1260-4

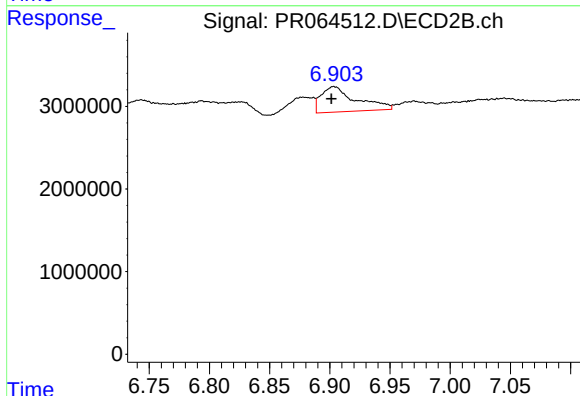
R.T.: 6.631 min
Delta R.T.: -0.002 min
Response: 2584122
Conc: 9.62 ng/ml



#35 AR-1260-5

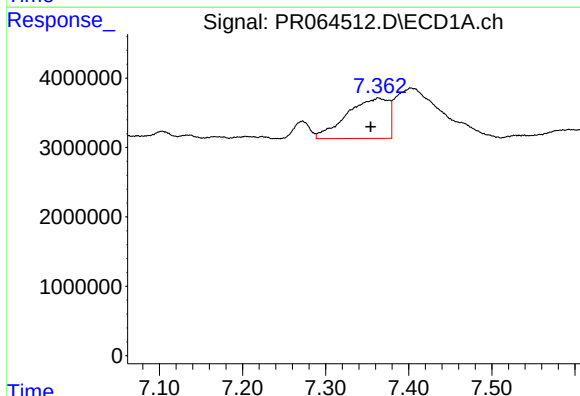
R.T.: 7.945 min
Delta R.T.: 0.006 min
Response: 2000402
Conc: 4.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



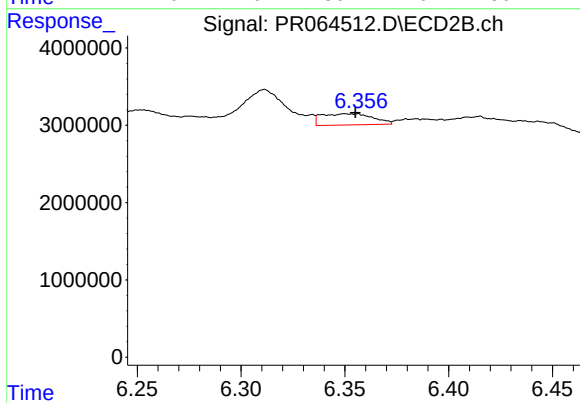
#35 AR-1260-5

R.T.: 6.904 min
Delta R.T.: 0.002 min
Response: 6232390
Conc: 9.89 ng/ml



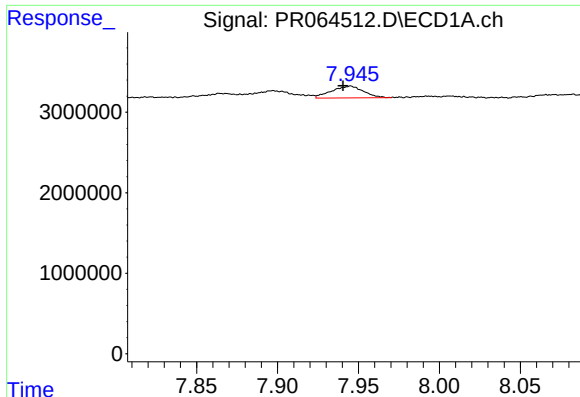
#36 AR-1262-1

R.T.: 7.364 min
Delta R.T.: 0.009 min
Response: 20385650
Conc: 70.86 ng/ml



#36 AR-1262-1

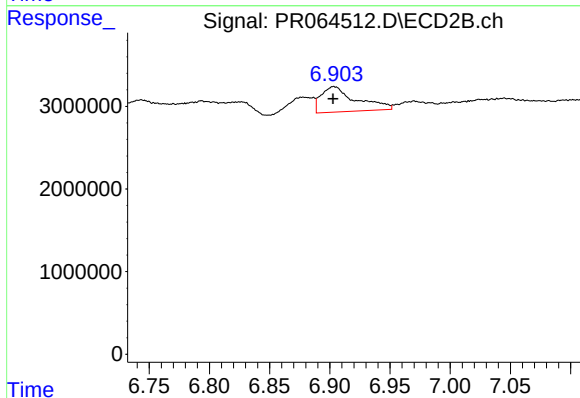
R.T.: 6.350 min
Delta R.T.: -0.005 min
Response: 2501393
Conc: 6.44 ng/ml



#37 AR-1262-2

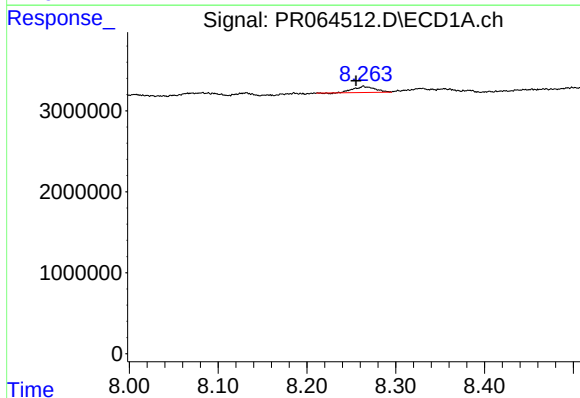
R.T.: 7.945 min
Delta R.T.: 0.005 min
Response: 2000402
Conc: 4.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



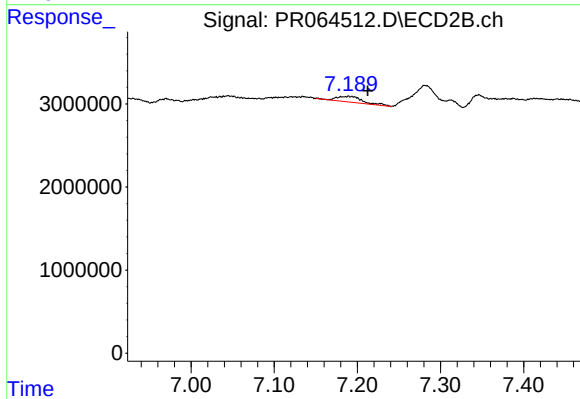
#37 AR-1262-2

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 6232390
Conc: 8.97 ng/ml



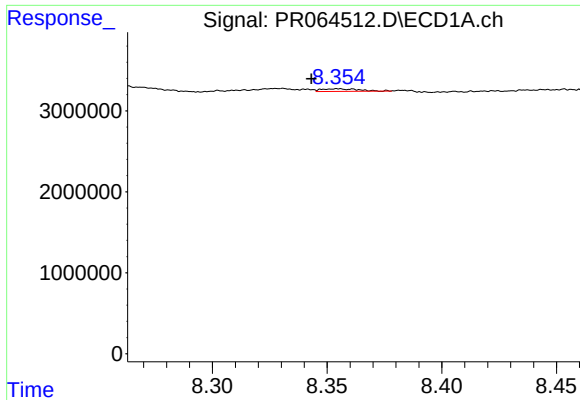
#38 AR-1262-3

R.T.: 8.264 min
Delta R.T.: 0.008 min
Response: 1247699
Conc: 4.04 ng/ml



#38 AR-1262-3

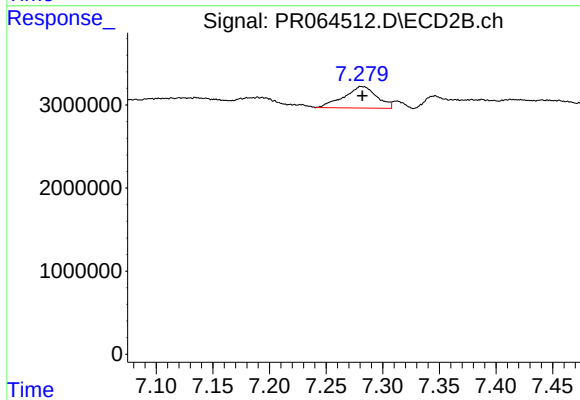
R.T.: 7.190 min
Delta R.T.: -0.023 min
Response: 1484372
Conc: 5.97 ng/ml



#39 AR-1262-4

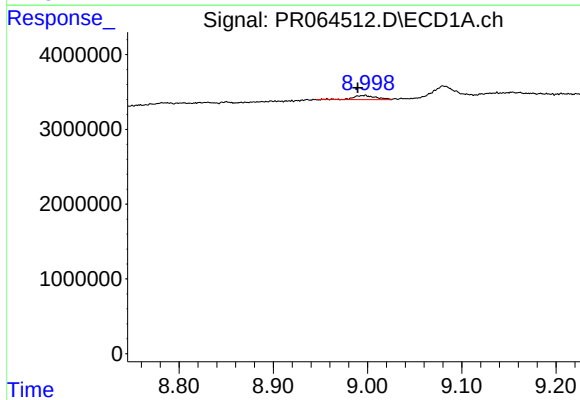
R.T.: 8.355 min
Delta R.T.: 0.012 min
Response: 355895
Conc: 1.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



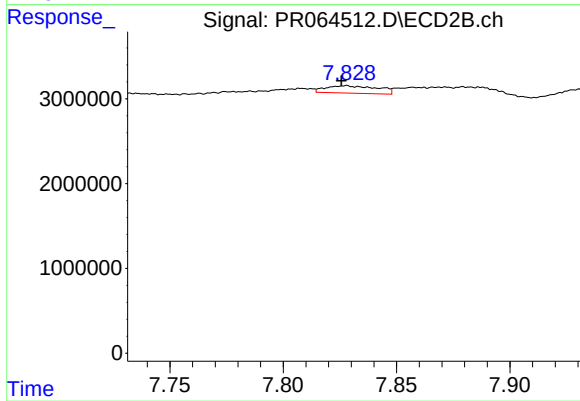
#39 AR-1262-4

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 5250371
Conc: 10.40 ng/ml



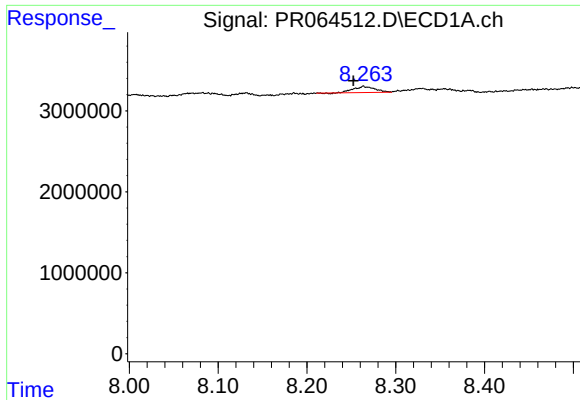
#40 AR-1262-5

R.T.: 8.998 min
Delta R.T.: 0.008 min
Response: 890803
Conc: 5.66 ng/ml



#40 AR-1262-5

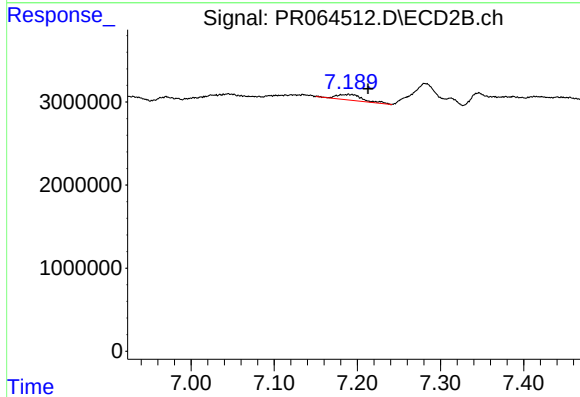
R.T.: 7.828 min
Delta R.T.: 0.002 min
Response: 1391409
Conc: 6.15 ng/ml



#41 AR-1268-1

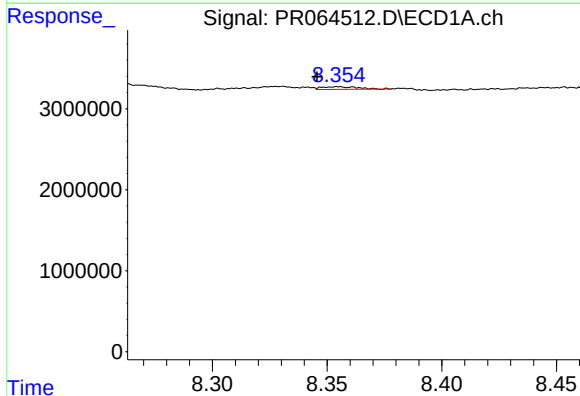
R.T.: 8.264 min
Delta R.T.: 0.011 min
Response: 1247699
Conc: 2.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



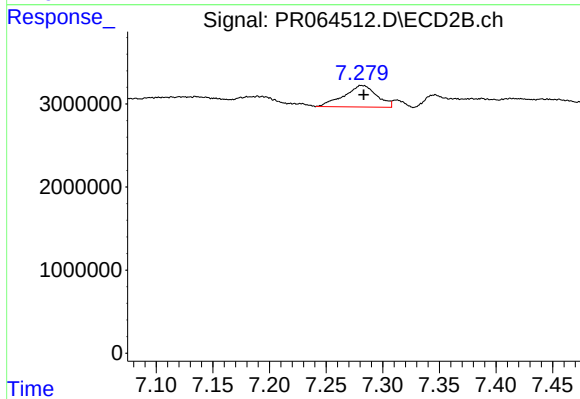
#41 AR-1268-1

R.T.: 7.190 min
Delta R.T.: -0.023 min
Response: 1484372
Conc: 2.07 ng/ml



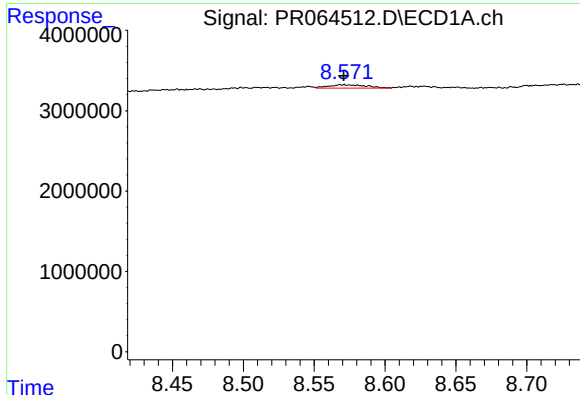
#42 AR-1268-2

R.T.: 8.355 min
Delta R.T.: 0.009 min
Response: 355895
Conc: 0.76 ng/ml



#42 AR-1268-2

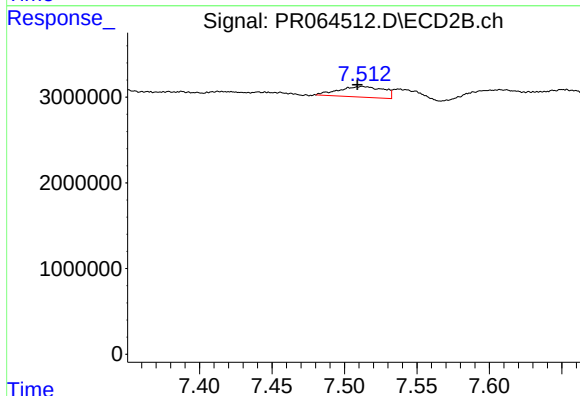
R.T.: 7.282 min
Delta R.T.: -0.002 min
Response: 5250371
Conc: 7.33 ng/ml



#43 AR-1268-3

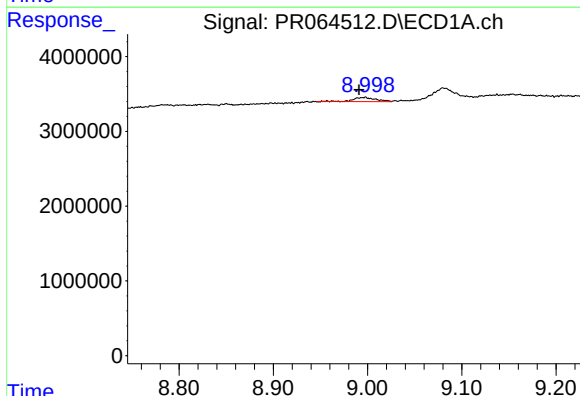
R.T.: 8.570 min
Delta R.T.: -0.001 min
Response: 761373
Conc: 1.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



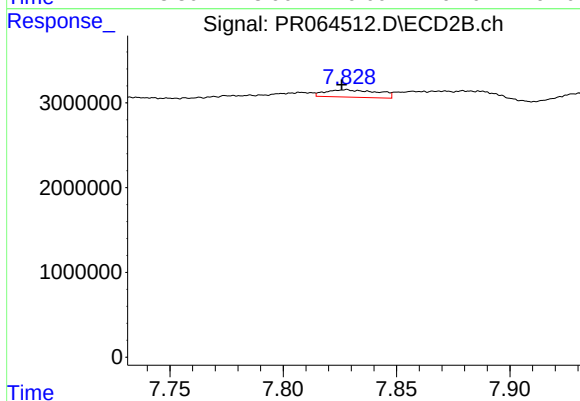
#43 AR-1268-3

R.T.: 7.512 min
Delta R.T.: 0.004 min
Response: 2657276
Conc: 4.35 ng/ml



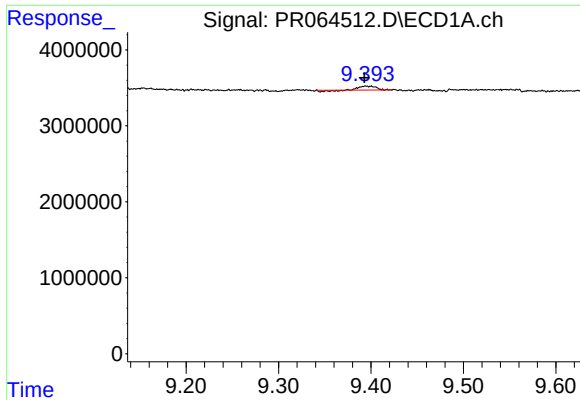
#44 AR-1268-4

R.T.: 8.998 min
Delta R.T.: 0.007 min
Response: 890803
Conc: 5.24 ng/ml



#44 AR-1268-4

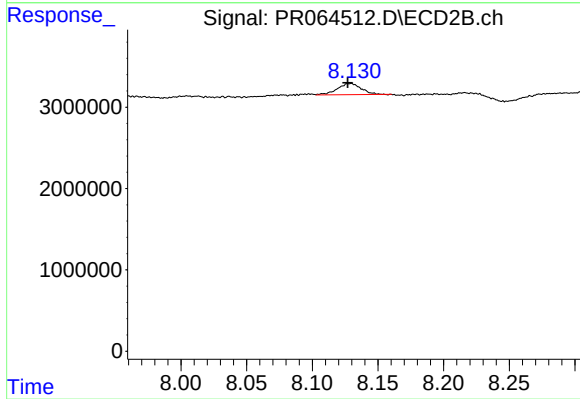
R.T.: 7.828 min
Delta R.T.: 0.002 min
Response: 1391409
Conc: 5.55 ng/ml



#45 AR-1268-5

R.T.: 9.394 min
Delta R.T.: 0.002 min
Response: 501387
Conc: 0.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.129 min
Delta R.T.: 0.002 min
Response: 1705176
Conc: 0.94 ng/ml