

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110723\
 Data File : PR064385.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2023 14:39
 Operator : AJ\MA
 Sample : 05239-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 20:05:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 13 05:04:13 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...	3.734	3.020	135.2E6	73442128	18.879	17.794
2)	SA Decachlor...	9.756	8.410	101.8E6	65535618	21.795	21.590
Target Compounds							
3)	L1 AR-1016-1	5.005	4.184	5001835	621286	23.252	4.274 #
4)	L1 AR-1016-2	5.005	4.184	5001835	621286	15.265	3.108 #
5)	L1 AR-1016-3	5.089	4.388	7659338	176707	37.025	1.603 #
6)	L1 AR-1016-4	5.168	4.412	4373000	569083	26.847	6.576 #
8)	L2 AR-1221-1	3.947	3.243	576738	171233	7.060	3.163 #
9)	L2 AR-1221-2	4.052	3.332	1971283	1492226	36.263	38.535
10)	L2 AR-1221-3	0.000	3.419	0	986370	N.D.	7.865 #
11)	L3 AR-1232-1	0.000	3.419	0	986370	N.D.	9.420 #
12)	L3 AR-1232-2	4.685	4.184	9615054	621286	117.962	6.657 #
13)	L3 AR-1232-3	5.005	4.388	5001835	176707	33.416	3.492 #
14)	L3 AR-1232-4	5.168	4.493	4373000	231557	59.945	5.071 #
15)	L3 AR-1232-5	5.229f	4.683	2501239	-12626	45.755	N.D. #
16)	L4 AR-1242-1	5.005	4.184	5001835	621286	27.698	5.054 #
17)	L4 AR-1242-2	5.005	4.184	5001835	621286	18.227	3.693 #
18)	L4 AR-1242-3	5.089	4.388	7659338	176707	43.557	1.900 #
19)	L4 AR-1242-4	5.168	4.493	4373000	231557	31.992	2.548 #
20)	L4 AR-1242-5	5.960	5.044	2106477	1332764	14.227	12.024
21)	L5 AR-1248-1	5.005	4.184	5001835	621286	36.263	6.586 #
22)	L5 AR-1248-2	5.229f	4.412	2501239	569083	12.773	4.371 #
23)	L5 AR-1248-3	0.000	4.493	0	231557	N.D.	1.718 #
24)	L5 AR-1248-4	5.900	4.683	1142506	-12626	4.615	N.D. #
25)	L5 AR-1248-5	5.960	5.102	2106477	1182226	8.406	7.818
26)	L6 AR-1254-1	5.900	5.044	1142506	1332764	4.557	5.779 #
27)	L6 AR-1254-2	6.174f	5.194	4568633	411853	12.010	2.080 #
28)	L6 AR-1254-3	6.513	5.597	1688256	2159298	4.333	6.898 #
29)	L6 AR-1254-4	6.822	5.856	942172	1610456	3.523	8.570 #
30)	L6 AR-1254-5	7.298	6.313	1471546	148059	5.005	0.543 #
31)	L7 AR-1260-1	6.694	5.769	469597	549477	1.580	2.447 #
32)	L7 AR-1260-2	6.989	5.971	809006	183524	2.339	0.696 #
33)	L7 AR-1260-3	0.000	6.141	0	1084431	N.D.	4.289 #
34)	L7 AR-1260-4	7.656	6.682	5260922	2368117	18.615	12.004 #
35)	L7 AR-1260-5	7.969	6.934	5407252	1853411	10.016	4.365 #
36)	L8 AR-1262-1	0.000	6.369	0	1122004	N.D.	3.855 #
37)	L8 AR-1262-2	7.969	6.934	5407252	1853411	8.784	3.971 #
38)	L8 AR-1262-3	8.301	7.237	1038006	734037	2.477	4.020 #
39)	L8 AR-1262-4	8.417f	7.333	1459346	987090	4.531	2.930 #
40)	L8 AR-1262-5	9.039	7.857	765516	286776	3.483	1.962 #
41)	L9 AR-1268-1	8.301	7.237	1038006	734037	1.415	1.411
42)	L9 AR-1268-2	8.417f	7.333	1459346	987090	2.199	2.091

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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
43) L9	AR-1268-3	8.546f	7.527	941691	121084	1.635	0.303 #
44) L9	AR-1268-4	9.039	7.857	765516	286776	3.273	1.762 #
45) L9	AR-1268-5	9.433	8.149	659275	391655	0.371	0.335

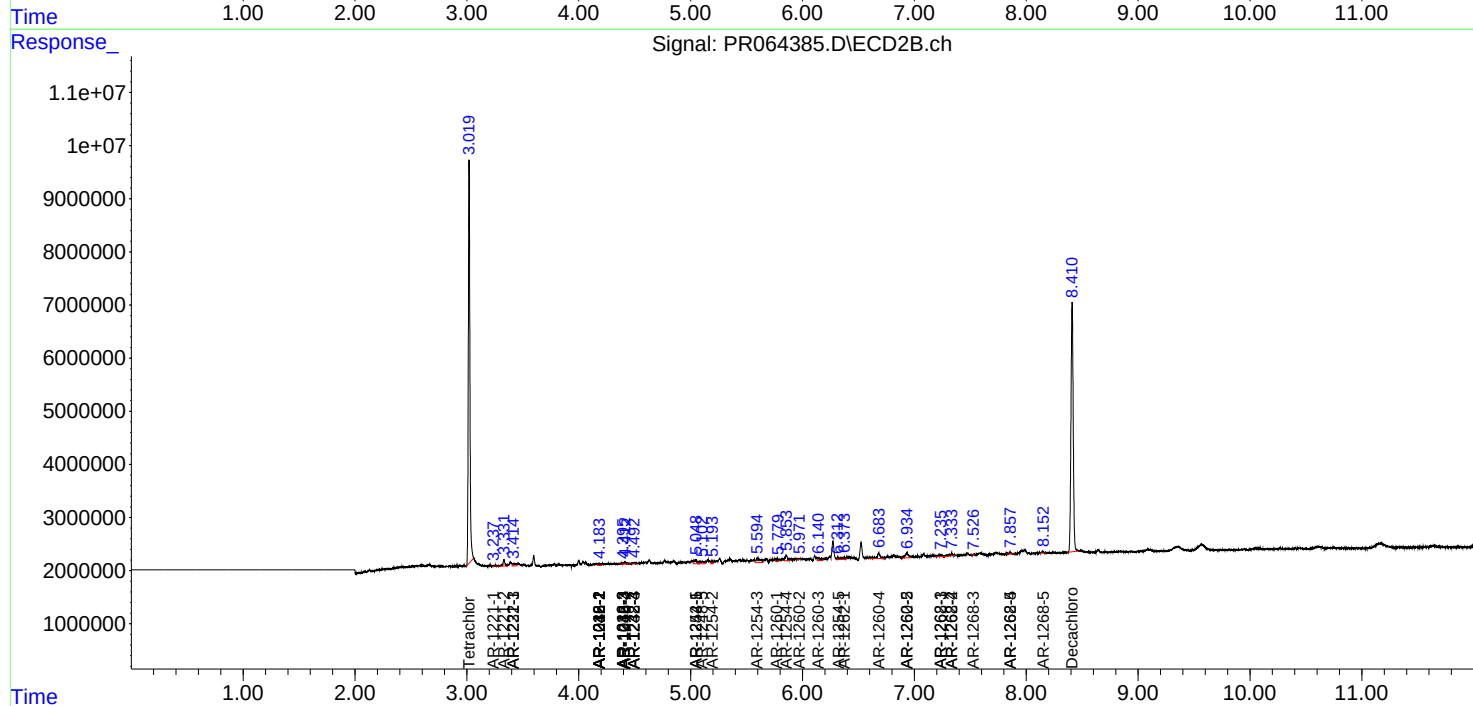
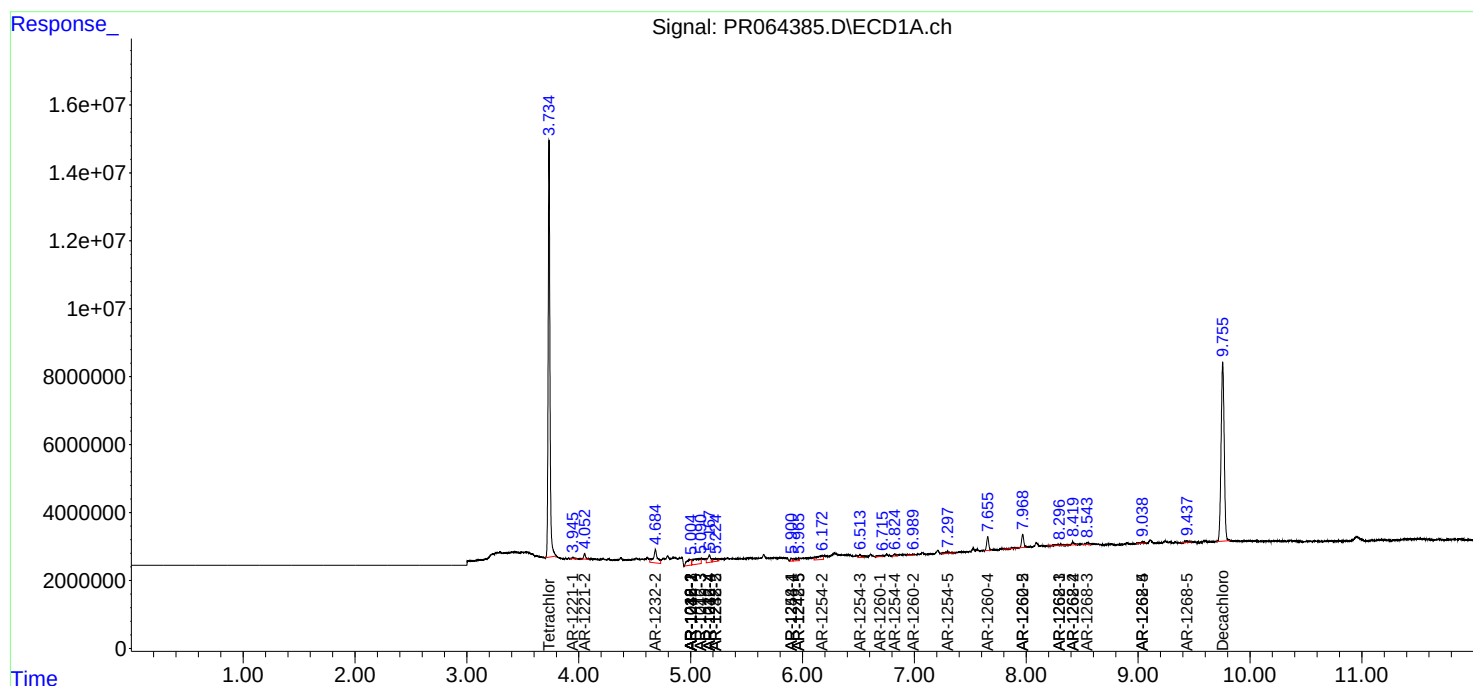
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

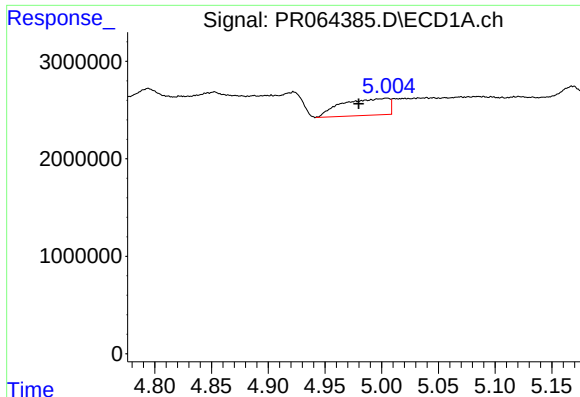
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Volume Inj. : 1 µl
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

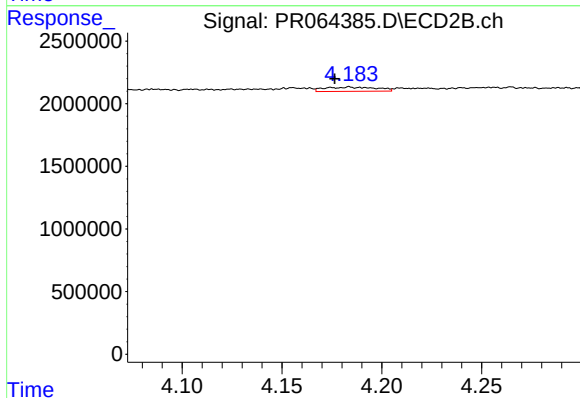




#3 AR-1016-1

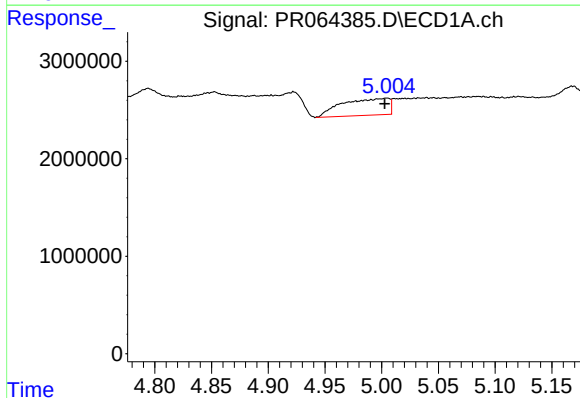
R.T.: 5.005 min
Delta R.T.: 0.025 min
Response: 5001835
Conc: 23.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



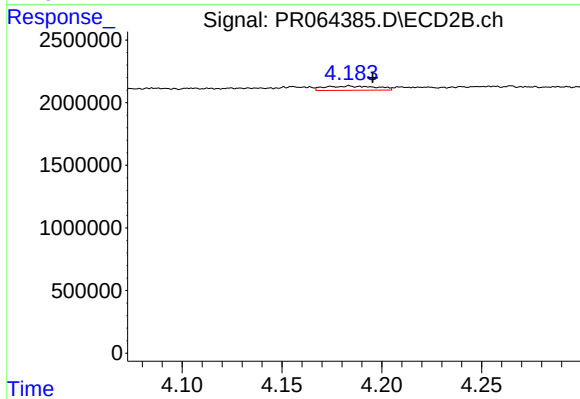
#3 AR-1016-1

R.T.: 4.184 min
Delta R.T.: 0.007 min
Response: 621286
Conc: 4.27 ng/ml



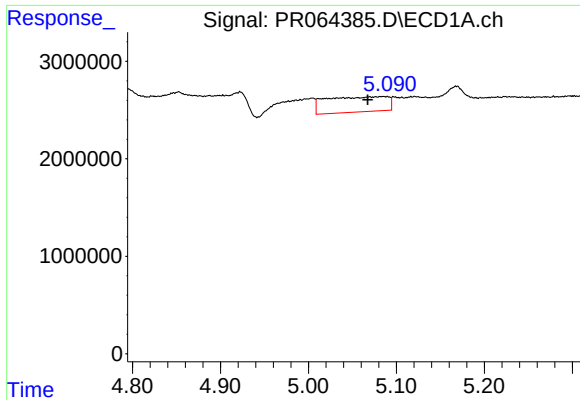
#4 AR-1016-2

R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 5001835
Conc: 15.27 ng/ml



#4 AR-1016-2

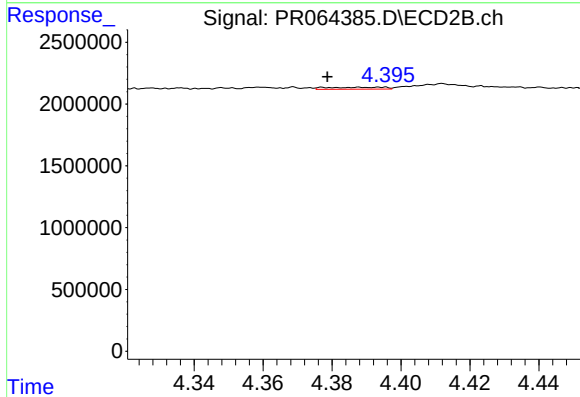
R.T.: 4.184 min
Delta R.T.: -0.012 min
Response: 621286
Conc: 3.11 ng/ml



#5 AR-1016-3

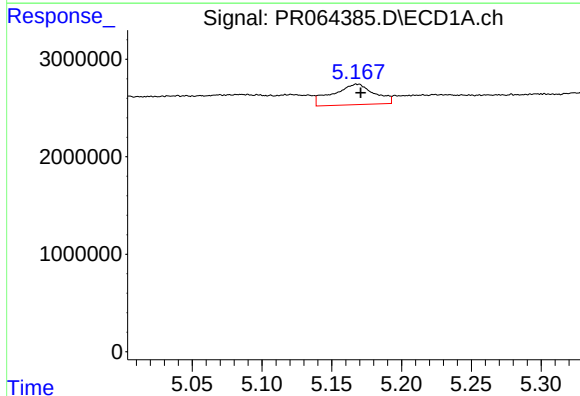
R.T.: 5.089 min
Delta R.T.: 0.022 min
Response: 7659338
Conc: 37.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



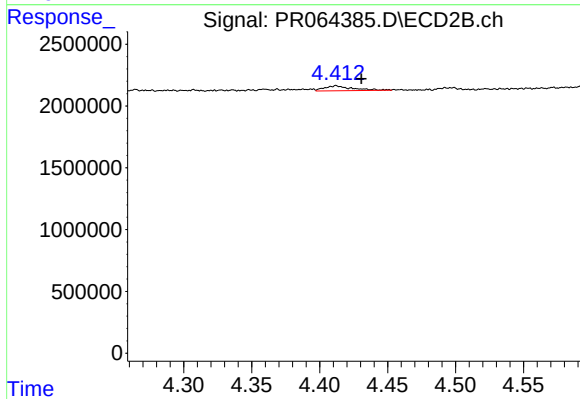
#5 AR-1016-3

R.T.: 4.388 min
Delta R.T.: 0.009 min
Response: 176707
Conc: 1.60 ng/ml



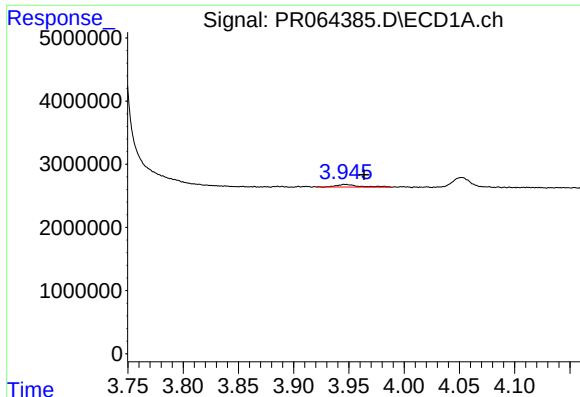
#6 AR-1016-4

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 4373000
Conc: 26.85 ng/ml



#6 AR-1016-4

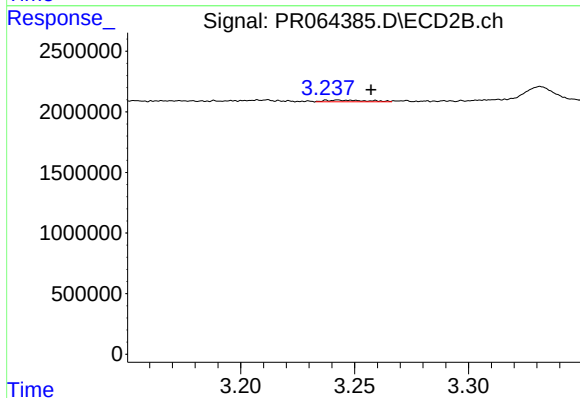
R.T.: 4.412 min
Delta R.T.: -0.019 min
Response: 569083
Conc: 6.58 ng/ml



#8 AR-1221-1

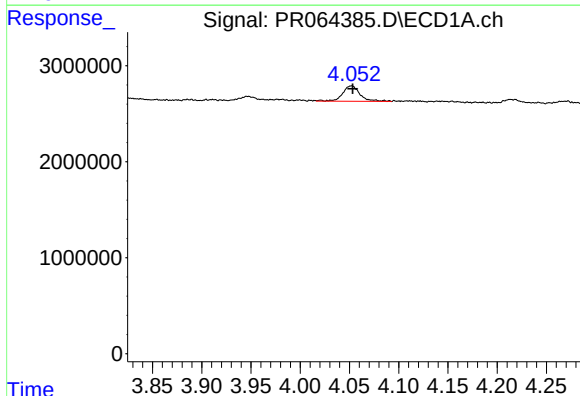
R.T.: 3.947 min
Delta R.T.: -0.017 min
Response: 576738
Conc: 7.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



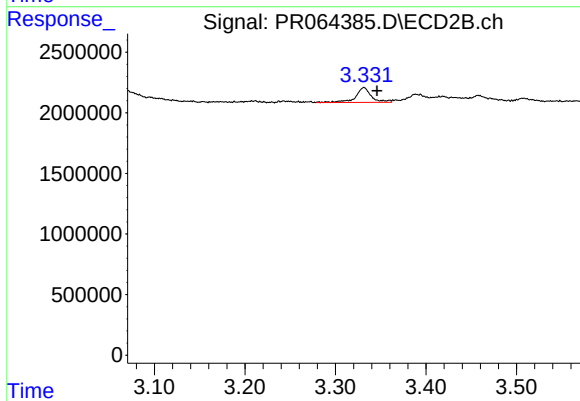
#8 AR-1221-1

R.T.: 3.243 min
Delta R.T.: -0.014 min
Response: 171233
Conc: 3.16 ng/ml



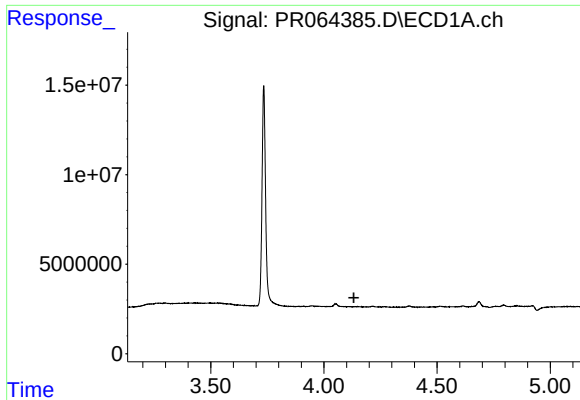
#9 AR-1221-2

R.T.: 4.052 min
Delta R.T.: -0.001 min
Response: 1971283
Conc: 36.26 ng/ml



#9 AR-1221-2

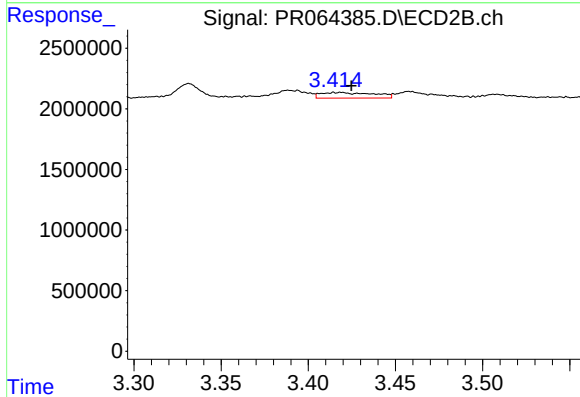
R.T.: 3.332 min
Delta R.T.: -0.014 min
Response: 1492226
Conc: 38.53 ng/ml



#10 AR-1221-3

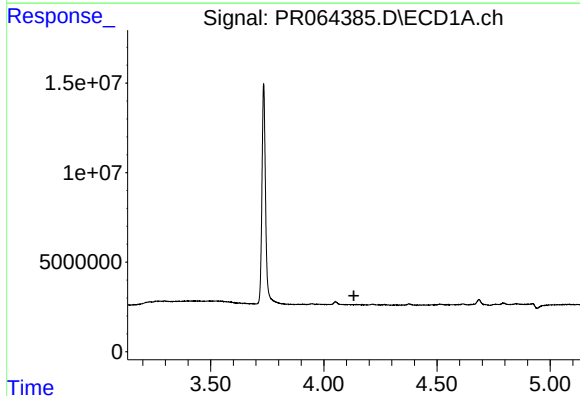
R.T.: 0.000 min
Exp R.T. : 4.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



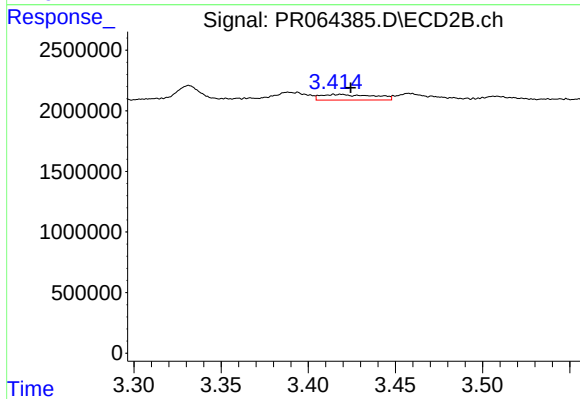
#10 AR-1221-3

R.T.: 3.419 min
Delta R.T.: -0.006 min
Response: 986370
Conc: 7.87 ng/ml



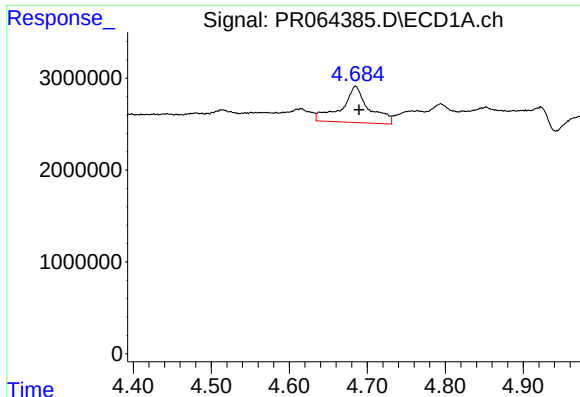
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.133 min
Response: 0
Conc: N.D.



#11 AR-1232-1

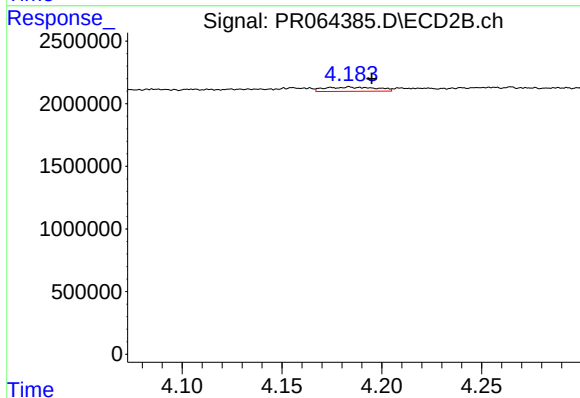
R.T.: 3.419 min
Delta R.T.: -0.005 min
Response: 986370
Conc: 9.42 ng/ml



#12 AR-1232-2

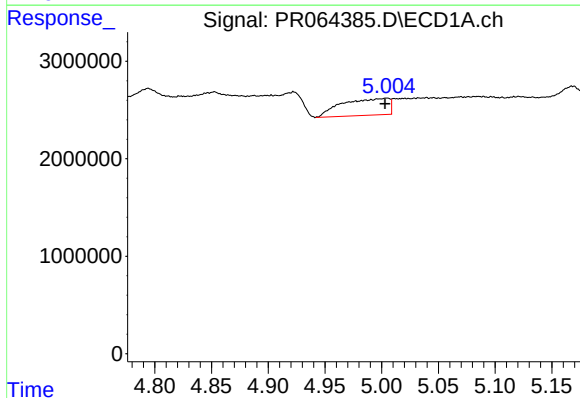
R.T.: 4.685 min
Delta R.T.: -0.005 min
Response: 9615054
Conc: 117.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



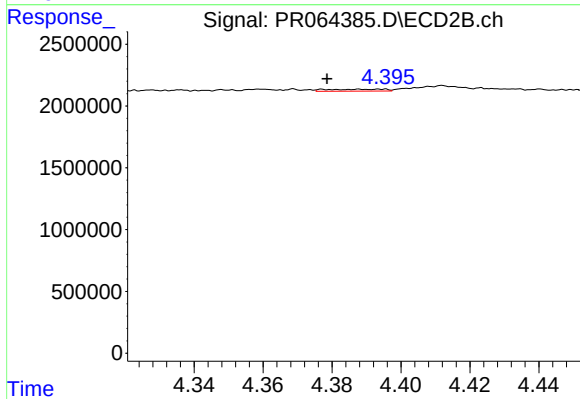
#12 AR-1232-2

R.T.: 4.184 min
Delta R.T.: -0.011 min
Response: 621286
Conc: 6.66 ng/ml



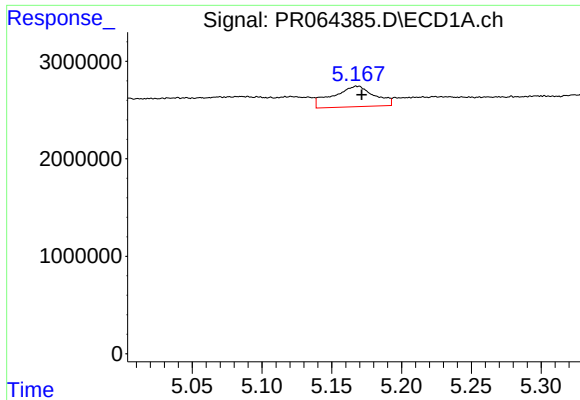
#13 AR-1232-3

R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 5001835
Conc: 33.42 ng/ml



#13 AR-1232-3

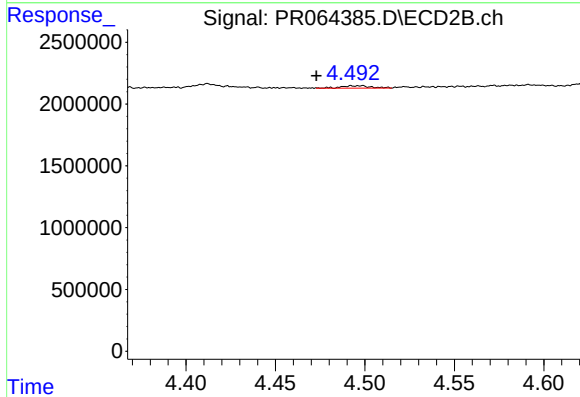
R.T.: 4.388 min
Delta R.T.: 0.009 min
Response: 176707
Conc: 3.49 ng/ml



#14 AR-1232-4

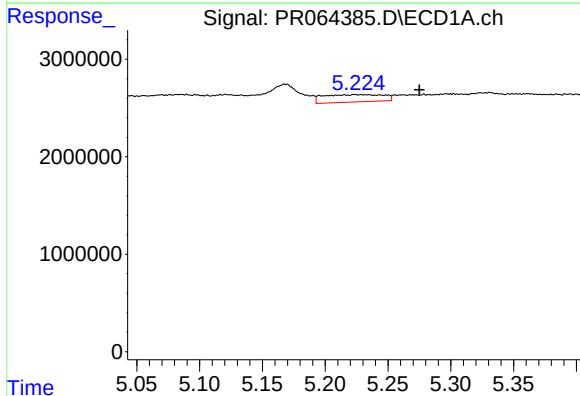
R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 4373000
Conc: 59.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



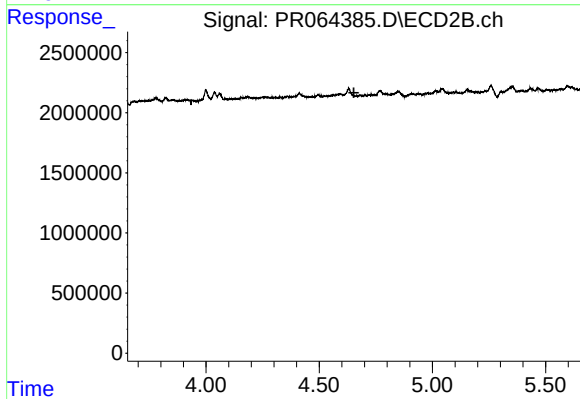
#14 AR-1232-4

R.T.: 4.493 min
Delta R.T.: 0.020 min
Response: 231557
Conc: 5.07 ng/ml



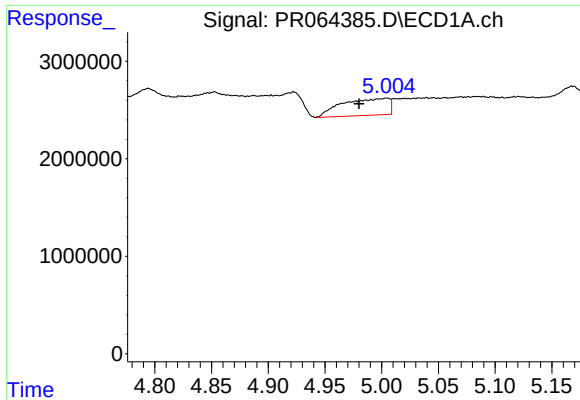
#15 AR-1232-5

R.T.: 5.229 min
Delta R.T.: -0.046 min
Response: 2501239
Conc: 45.76 ng/ml



#15 AR-1232-5

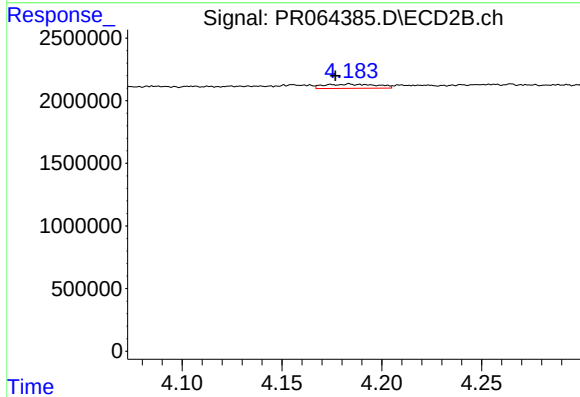
R.T.: 4.683 min
Delta R.T.: 0.030 min
Response: -12626
Conc: N.D.



#16 AR-1242-1

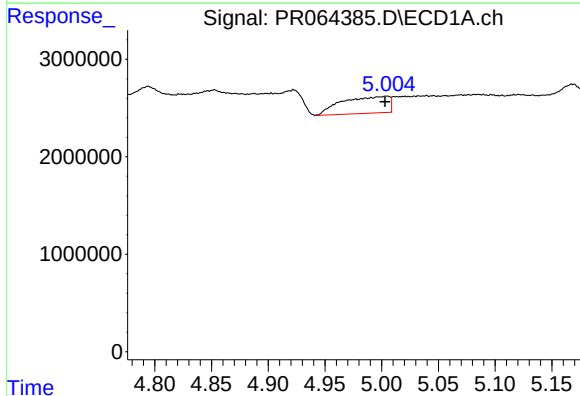
R.T.: 5.005 min
Delta R.T.: 0.025 min
Response: 5001835
Conc: 27.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



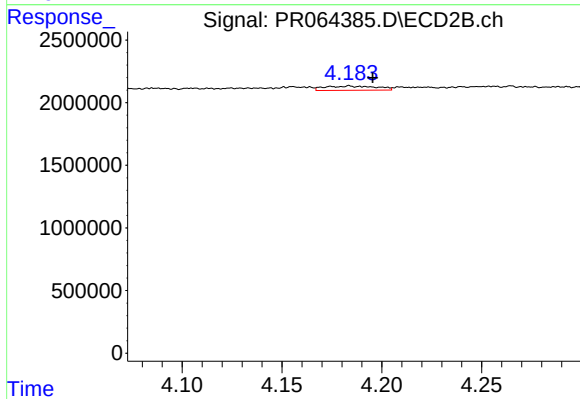
#16 AR-1242-1

R.T.: 4.184 min
Delta R.T.: 0.007 min
Response: 621286
Conc: 5.05 ng/ml



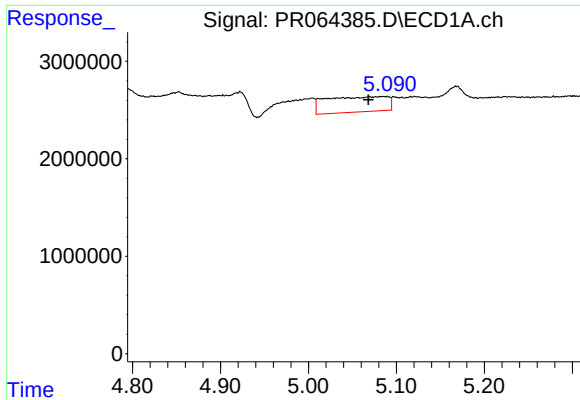
#17 AR-1242-2

R.T.: 5.005 min
Delta R.T.: 0.001 min
Response: 5001835
Conc: 18.23 ng/ml



#17 AR-1242-2

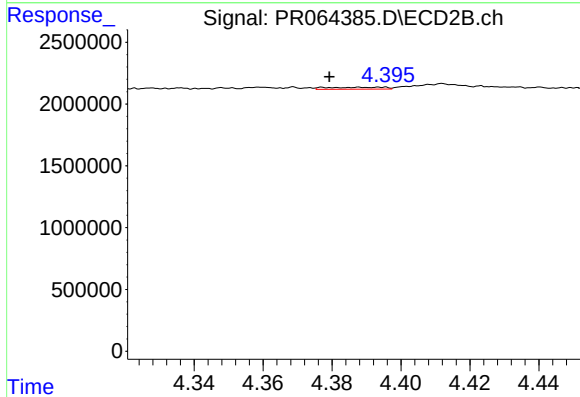
R.T.: 4.184 min
Delta R.T.: -0.012 min
Response: 621286
Conc: 3.69 ng/ml



#18 AR-1242-3

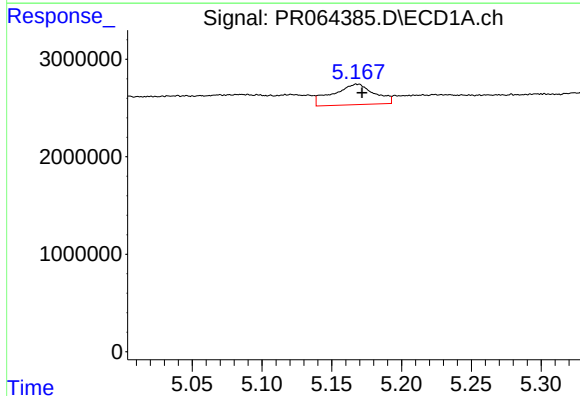
R.T.: 5.089 min
Delta R.T.: 0.021 min
Response: 7659338
Conc: 43.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



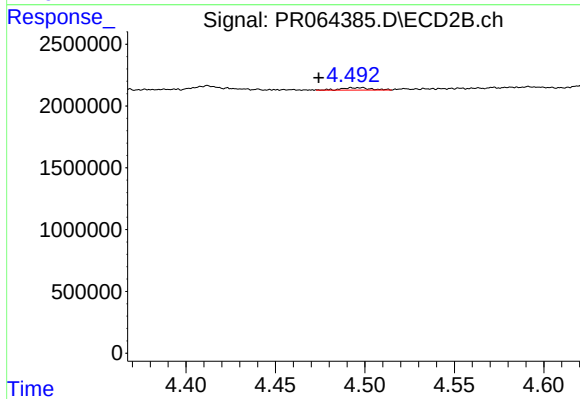
#18 AR-1242-3

R.T.: 4.388 min
Delta R.T.: 0.009 min
Response: 176707
Conc: 1.90 ng/ml



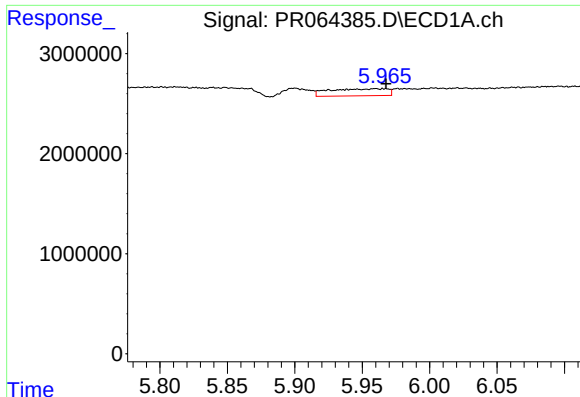
#19 AR-1242-4

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 4373000
Conc: 31.99 ng/ml



#19 AR-1242-4

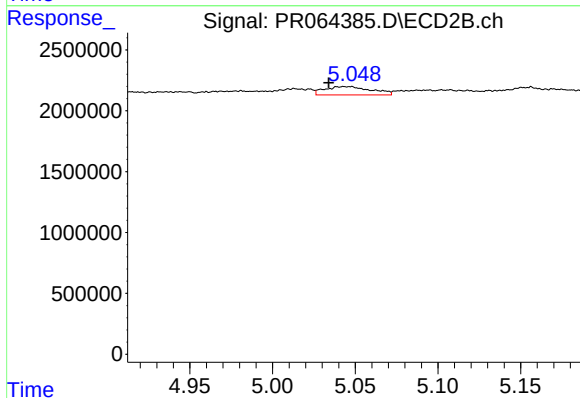
R.T.: 4.493 min
Delta R.T.: 0.019 min
Response: 231557
Conc: 2.55 ng/ml



#20 AR-1242-5

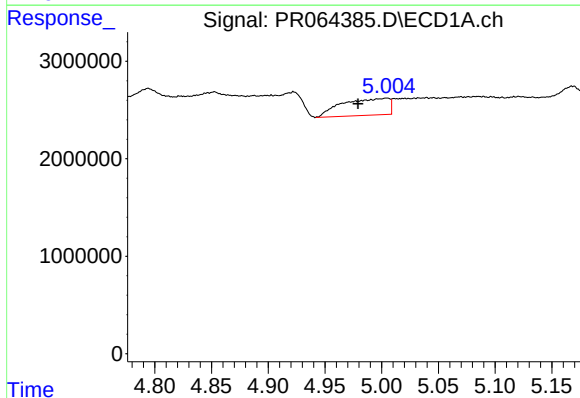
R.T.: 5.960 min
Delta R.T.: -0.008 min
Response: 2106477
Conc: 14.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



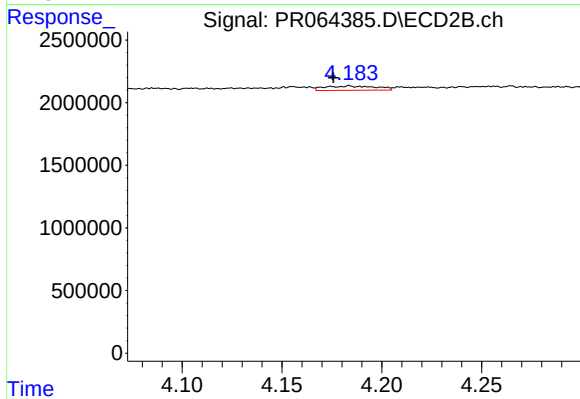
#20 AR-1242-5

R.T.: 5.044 min
Delta R.T.: 0.010 min
Response: 1332764
Conc: 12.02 ng/ml



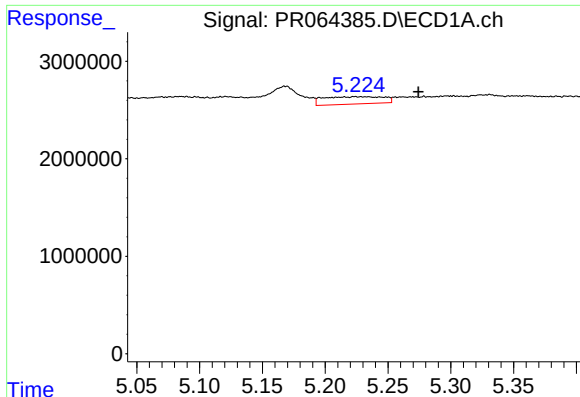
#21 AR-1248-1

R.T.: 5.005 min
Delta R.T.: 0.025 min
Response: 5001835
Conc: 36.26 ng/ml



#21 AR-1248-1

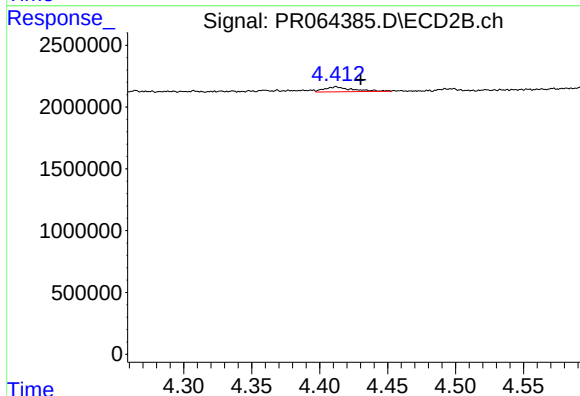
R.T.: 4.184 min
Delta R.T.: 0.008 min
Response: 621286
Conc: 6.59 ng/ml



#22 AR-1248-2

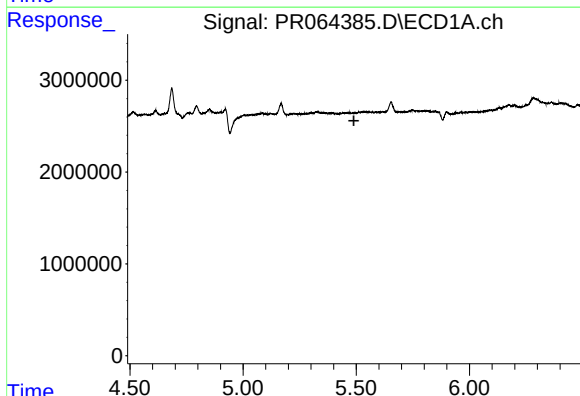
R.T.: 5.229 min
Delta R.T.: -0.045 min
Response: 2501239
Conc: 12.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



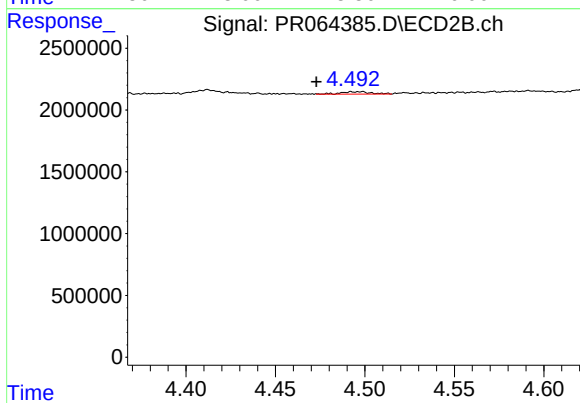
#22 AR-1248-2

R.T.: 4.412 min
Delta R.T.: -0.018 min
Response: 569083
Conc: 4.37 ng/ml



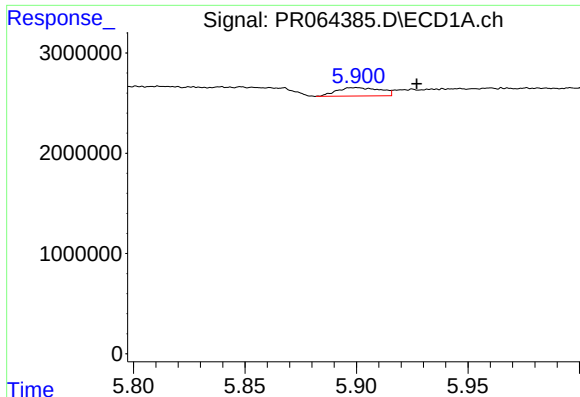
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.489 min
Response: 0
Conc: N.D.



#23 AR-1248-3

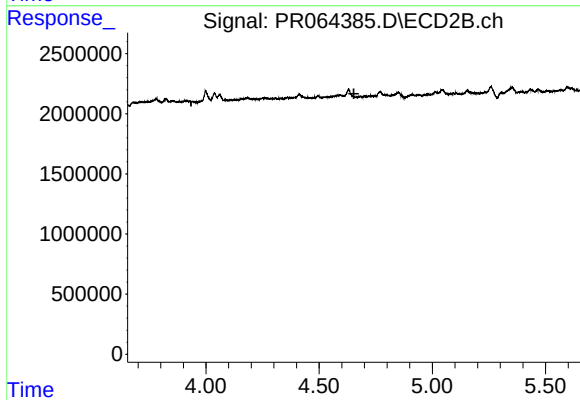
R.T.: 4.493 min
Delta R.T.: 0.020 min
Response: 231557
Conc: 1.72 ng/ml



#24 AR-1248-4

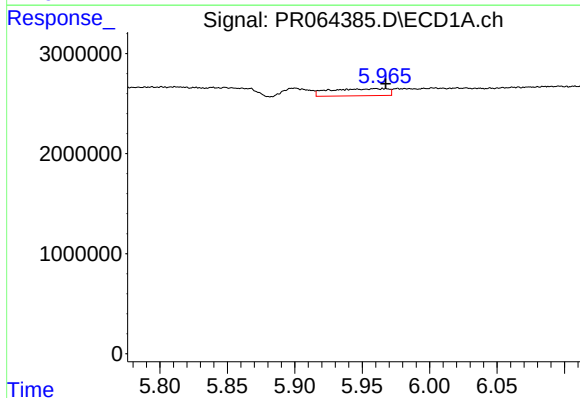
R.T.: 5.900 min
Delta R.T.: -0.027 min
Response: 1142506
Conc: 4.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



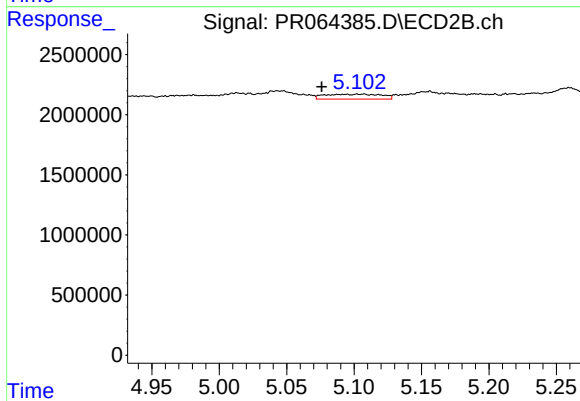
#24 AR-1248-4

R.T.: 4.683 min
Delta R.T.: 0.030 min
Response: -12626
Conc: N.D.



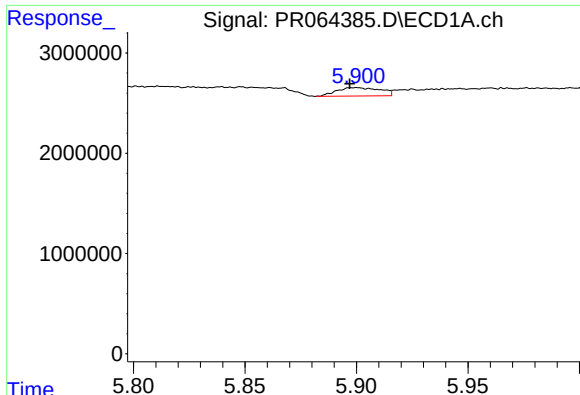
#25 AR-1248-5

R.T.: 5.960 min
Delta R.T.: -0.008 min
Response: 2106477
Conc: 8.41 ng/ml



#25 AR-1248-5

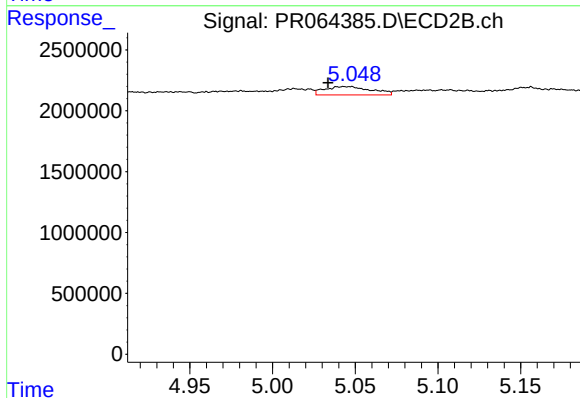
R.T.: 5.102 min
Delta R.T.: 0.026 min
Response: 1182226
Conc: 7.82 ng/ml



#26 AR-1254-1

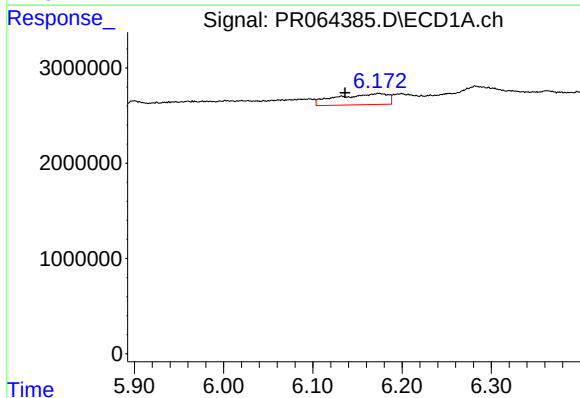
R.T.: 5.900 min
Delta R.T.: 0.003 min
Response: 1142506
Conc: 4.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



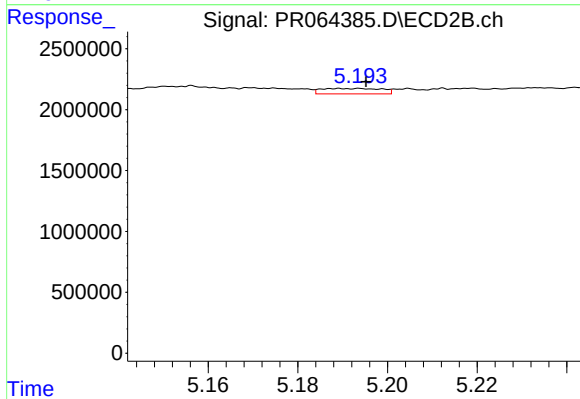
#26 AR-1254-1

R.T.: 5.044 min
Delta R.T.: 0.010 min
Response: 1332764
Conc: 5.78 ng/ml



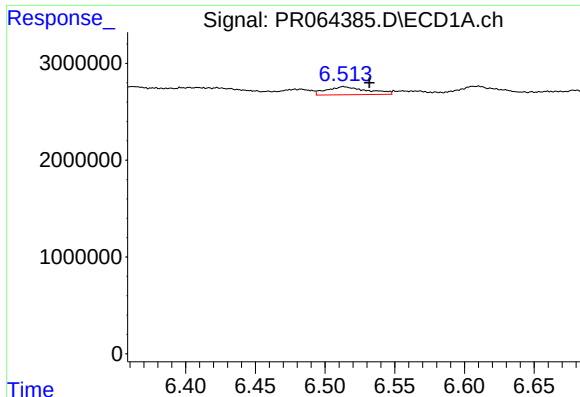
#27 AR-1254-2

R.T.: 6.174 min
Delta R.T.: 0.038 min
Response: 4568633
Conc: 12.01 ng/ml



#27 AR-1254-2

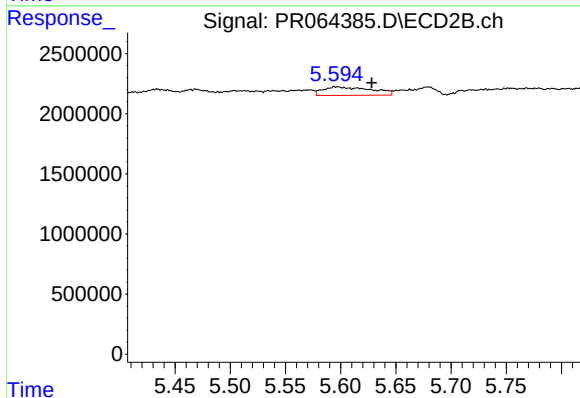
R.T.: 5.194 min
Delta R.T.: -0.002 min
Response: 411853
Conc: 2.08 ng/ml



#28 AR-1254-3

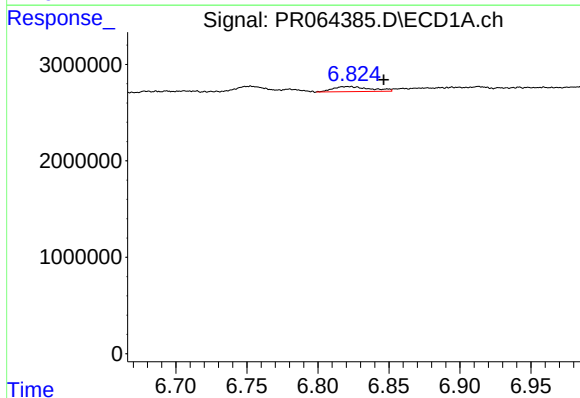
R.T.: 6.513 min
Delta R.T.: -0.019 min
Response: 1688256
Conc: 4.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



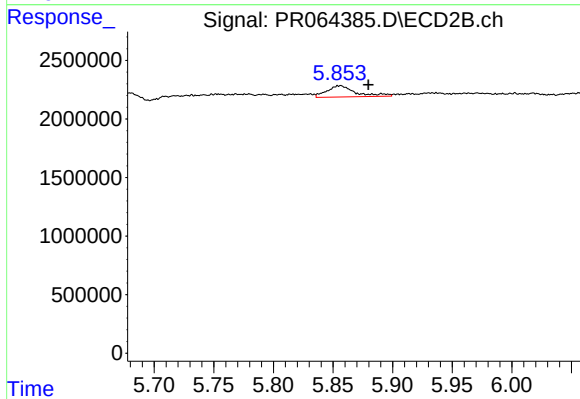
#28 AR-1254-3

R.T.: 5.597 min
Delta R.T.: -0.031 min
Response: 2159298
Conc: 6.90 ng/ml



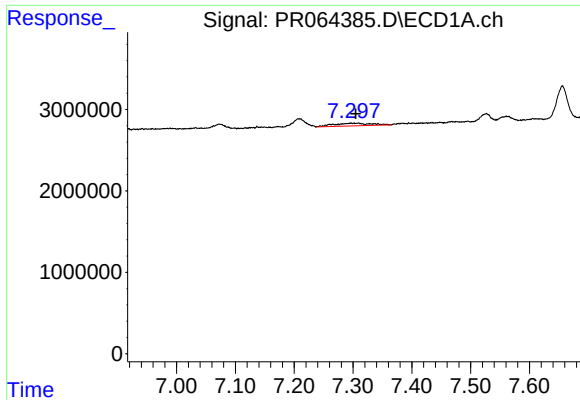
#29 AR-1254-4

R.T.: 6.822 min
Delta R.T.: -0.024 min
Response: 942172
Conc: 3.52 ng/ml



#29 AR-1254-4

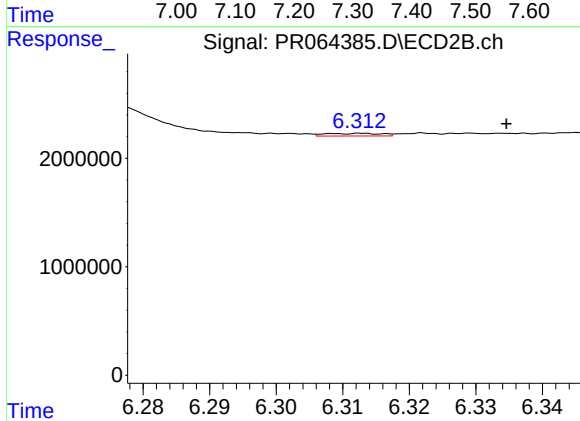
R.T.: 5.856 min
Delta R.T.: -0.024 min
Response: 1610456
Conc: 8.57 ng/ml



#30 AR-1254-5

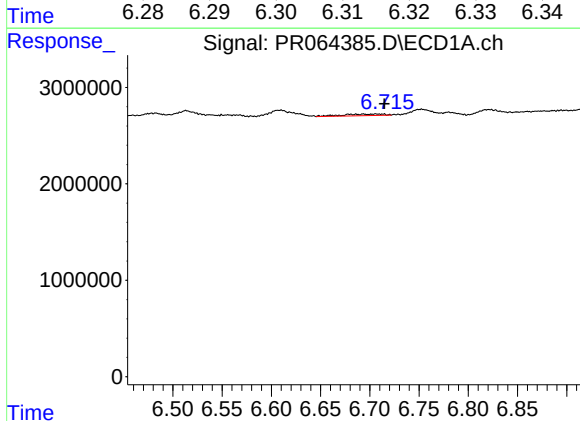
R.T.: 7.298 min
Delta R.T.: -0.007 min
Response: 1471546
Conc: 5.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



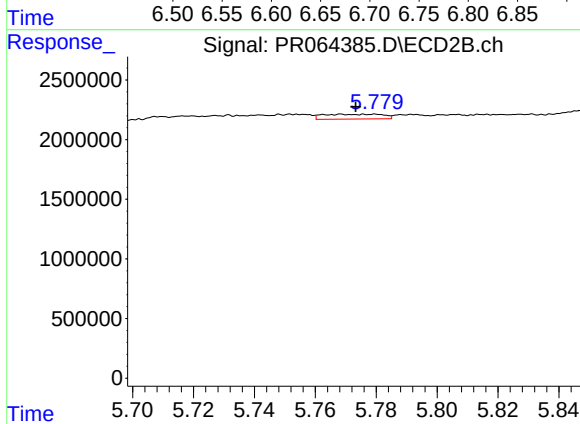
#30 AR-1254-5

R.T.: 6.313 min
Delta R.T.: -0.022 min
Response: 148059
Conc: 0.54 ng/ml



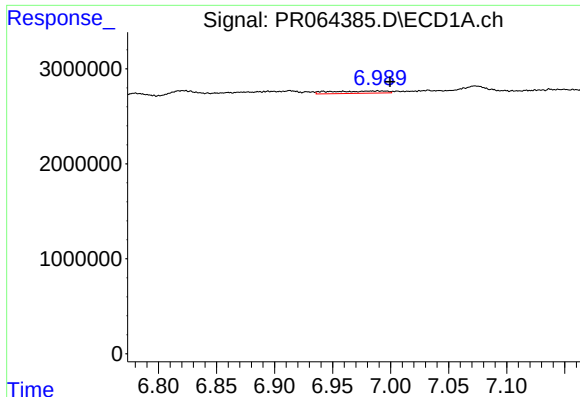
#31 AR-1260-1

R.T.: 6.694 min
Delta R.T.: -0.021 min
Response: 469597
Conc: 1.58 ng/ml



#31 AR-1260-1

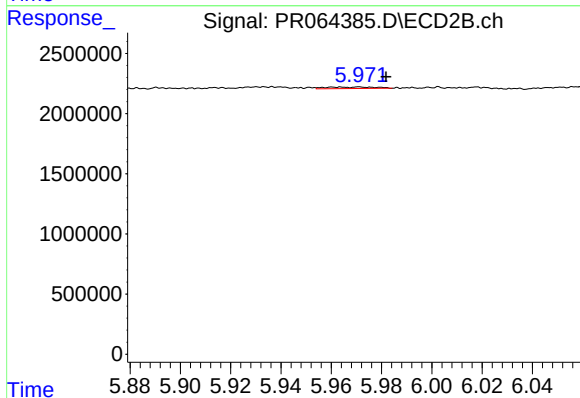
R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 549477
Conc: 2.45 ng/ml



#32 AR-1260-2

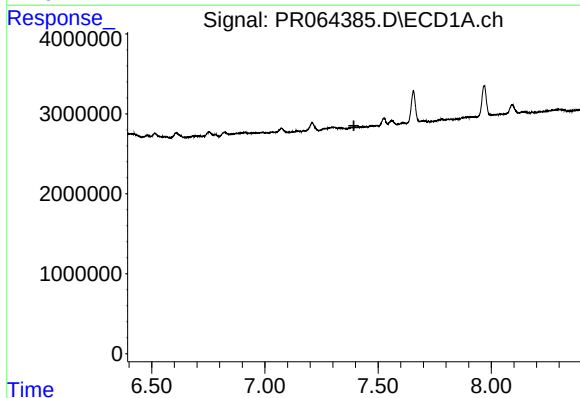
R.T.: 6.989 min
Delta R.T.: -0.011 min
Response: 809006
Conc: 2.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



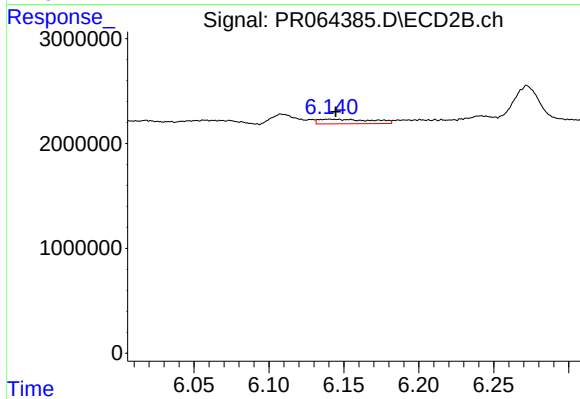
#32 AR-1260-2

R.T.: 5.971 min
Delta R.T.: -0.011 min
Response: 183524
Conc: 0.70 ng/ml



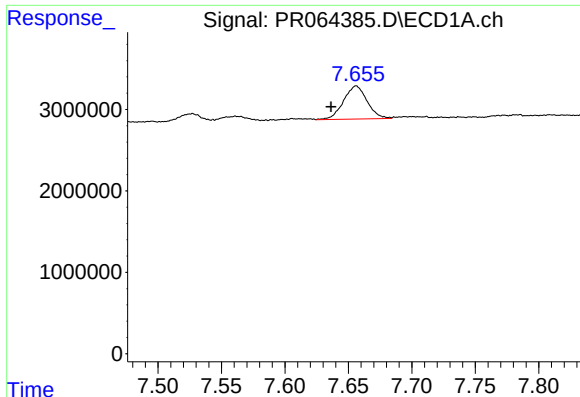
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.393 min
Response: 0
Conc: N.D.



#33 AR-1260-3

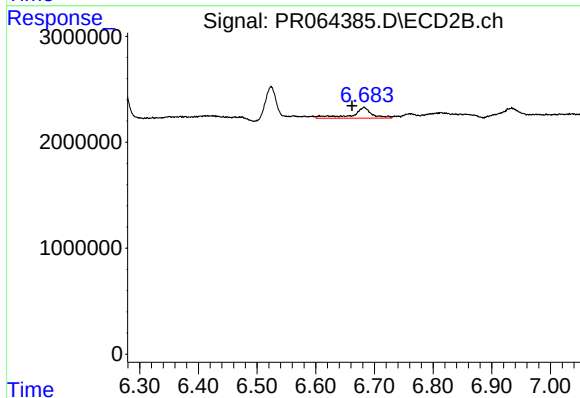
R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 1084431
Conc: 4.29 ng/ml



#34 AR-1260-4

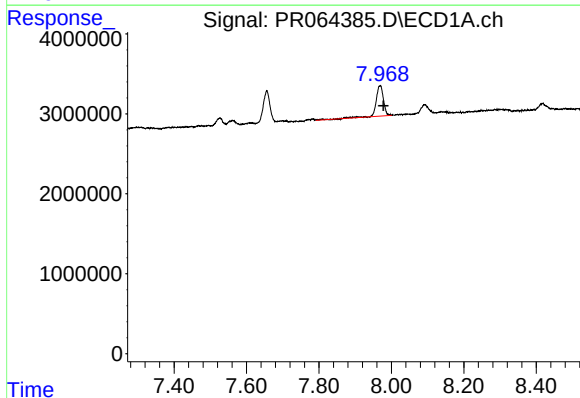
R.T.: 7.656 min
Delta R.T.: 0.020 min
Response: 5260922
Conc: 18.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



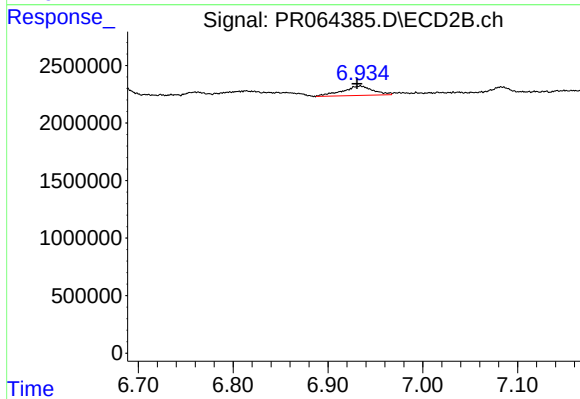
#34 AR-1260-4

R.T.: 6.682 min
Delta R.T.: 0.020 min
Response: 2368117
Conc: 12.00 ng/ml



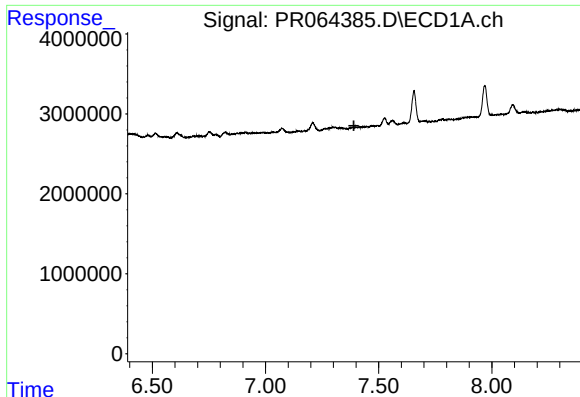
#35 AR-1260-5

R.T.: 7.969 min
Delta R.T.: -0.009 min
Response: 5407252
Conc: 10.02 ng/ml



#35 AR-1260-5

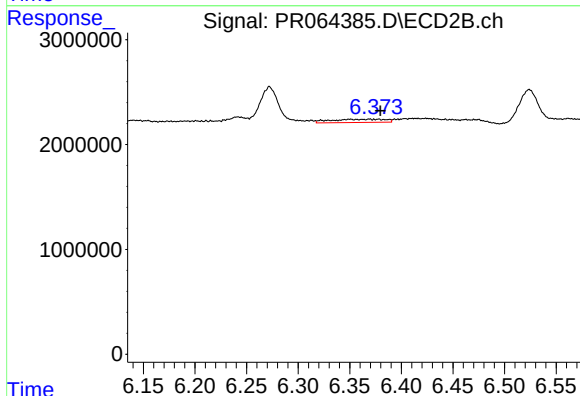
R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 1853411
Conc: 4.36 ng/ml



#36 AR-1262-1

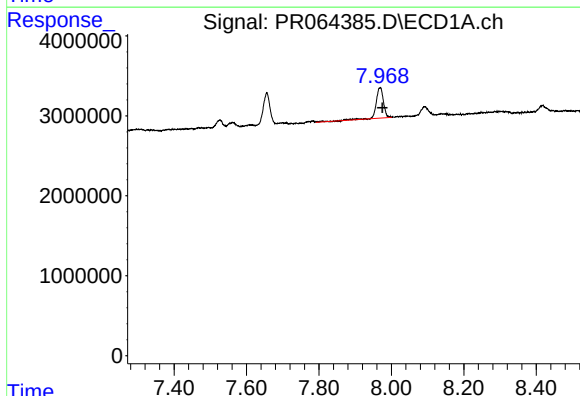
R.T.: 0.000 min
Exp R.T.: 7.391 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



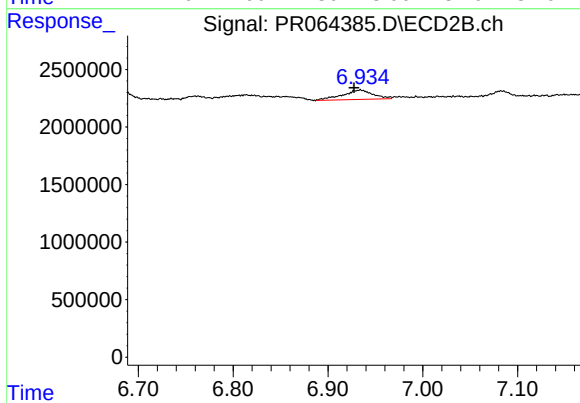
#36 AR-1262-1

R.T.: 6.369 min
Delta R.T.: -0.010 min
Response: 1122004
Conc: 3.85 ng/ml



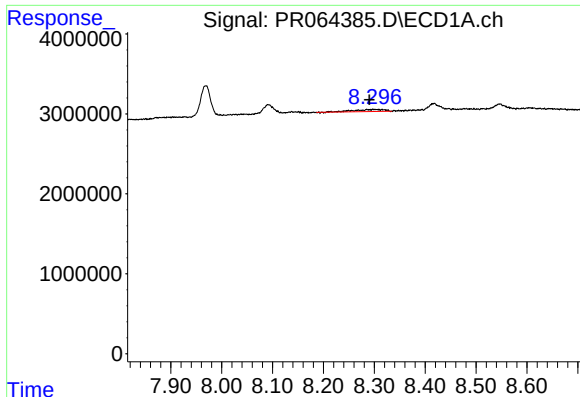
#37 AR-1262-2

R.T.: 7.969 min
Delta R.T.: -0.006 min
Response: 5407252
Conc: 8.78 ng/ml



#37 AR-1262-2

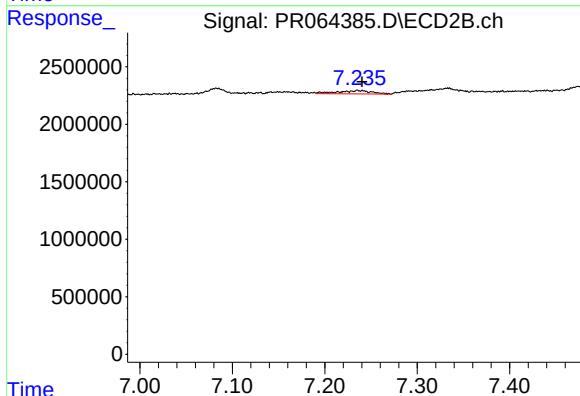
R.T.: 6.934 min
Delta R.T.: 0.006 min
Response: 1853411
Conc: 3.97 ng/ml



#38 AR-1262-3

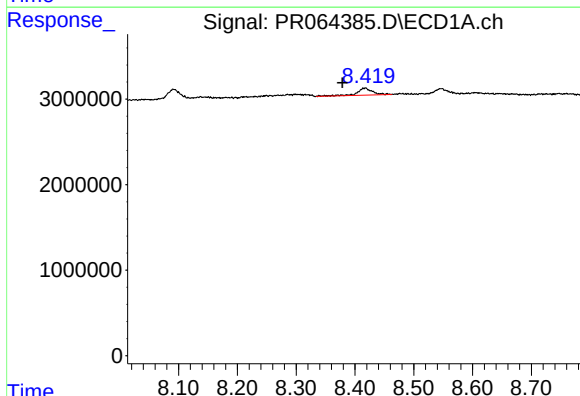
R.T.: 8.301 min
Delta R.T.: 0.010 min
Response: 1038006
Conc: 2.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



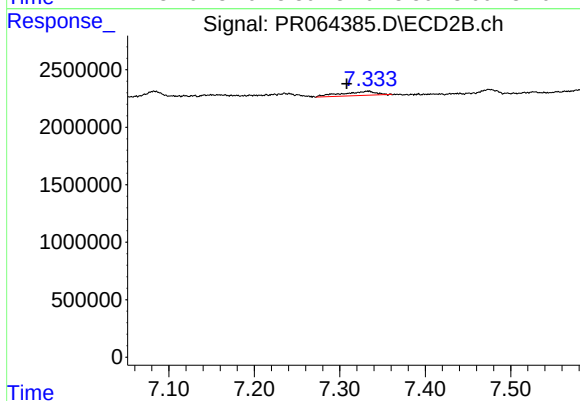
#38 AR-1262-3

R.T.: 7.237 min
Delta R.T.: -0.004 min
Response: 734037
Conc: 4.02 ng/ml



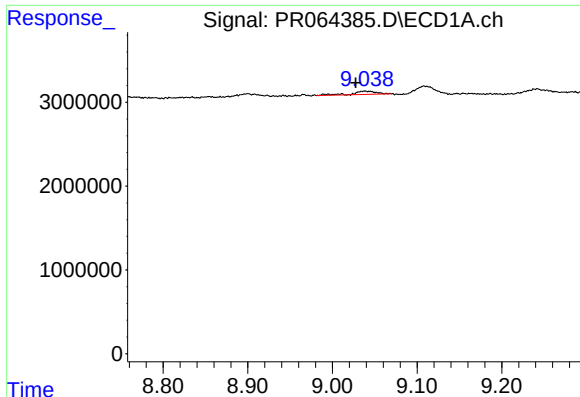
#39 AR-1262-4

R.T.: 8.417 min
Delta R.T.: 0.038 min
Response: 1459346
Conc: 4.53 ng/ml



#39 AR-1262-4

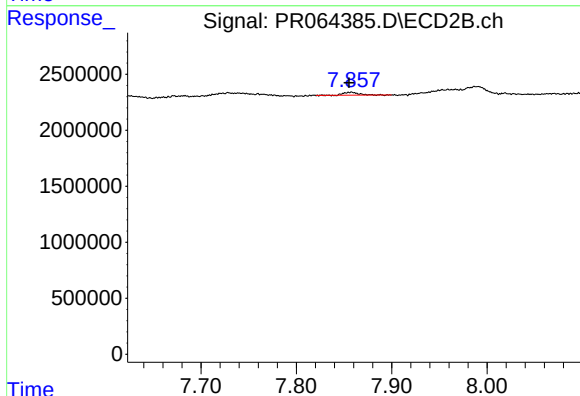
R.T.: 7.333 min
Delta R.T.: 0.025 min
Response: 987090
Conc: 2.93 ng/ml



#40 AR-1262-5

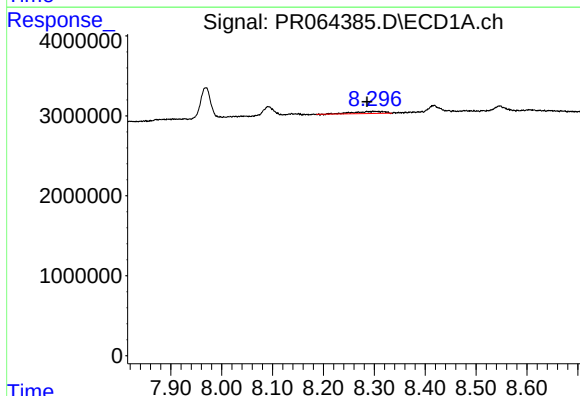
R.T.: 9.039 min
Delta R.T.: 0.011 min
Response: 765516
Conc: 3.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



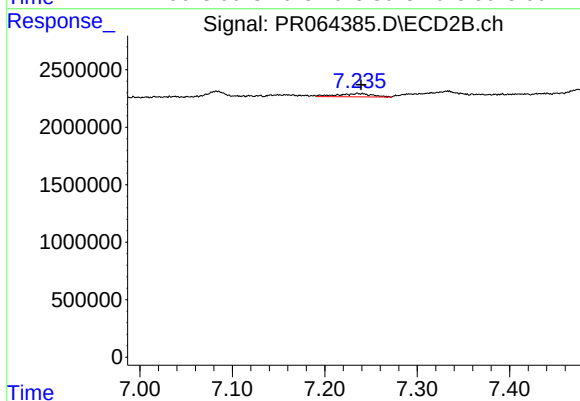
#40 AR-1262-5

R.T.: 7.857 min
Delta R.T.: 0.002 min
Response: 286776
Conc: 1.96 ng/ml



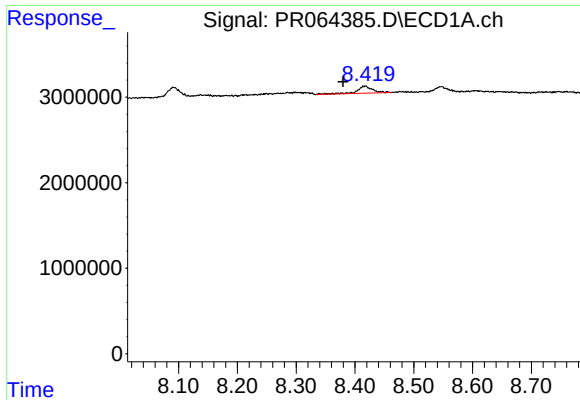
#41 AR-1268-1

R.T.: 8.301 min
Delta R.T.: 0.015 min
Response: 1038006
Conc: 1.42 ng/ml



#41 AR-1268-1

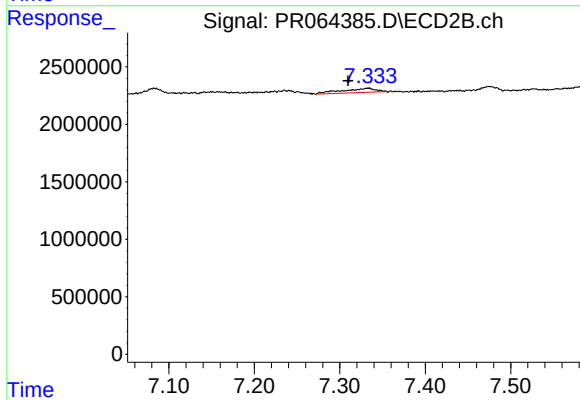
R.T.: 7.237 min
Delta R.T.: -0.003 min
Response: 734037
Conc: 1.41 ng/ml



#42 AR-1268-2

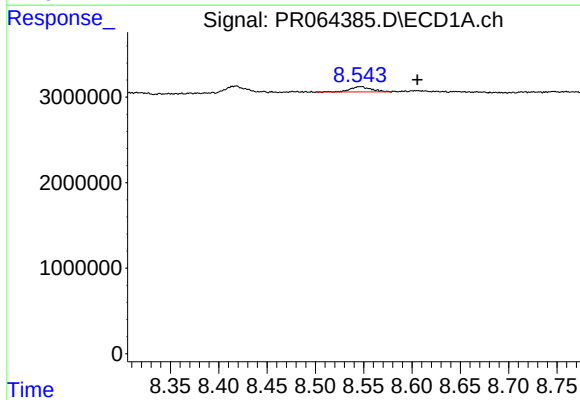
R.T.: 8.417 min
Delta R.T.: 0.037 min
Response: 1459346
Conc: 2.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



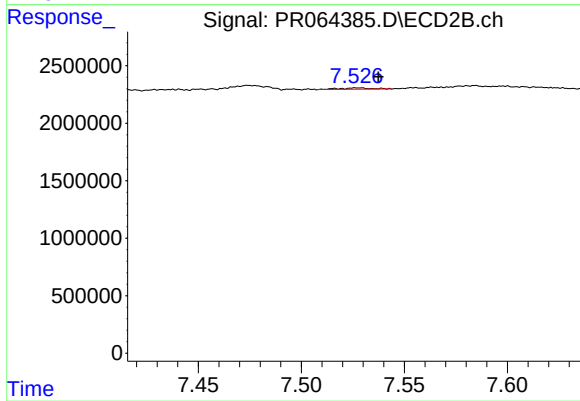
#42 AR-1268-2

R.T.: 7.333 min
Delta R.T.: 0.023 min
Response: 987090
Conc: 2.09 ng/ml



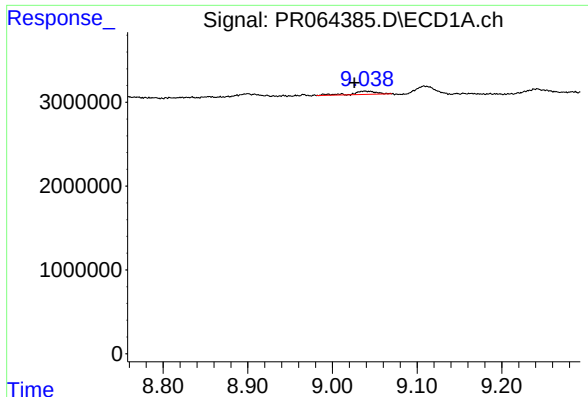
#43 AR-1268-3

R.T.: 8.546 min
Delta R.T.: -0.059 min
Response: 941691
Conc: 1.63 ng/ml



#43 AR-1268-3

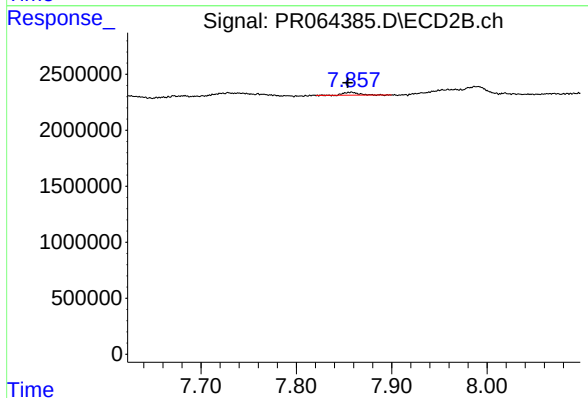
R.T.: 7.527 min
Delta R.T.: -0.010 min
Response: 121084
Conc: 0.30 ng/ml



#44 AR-1268-4

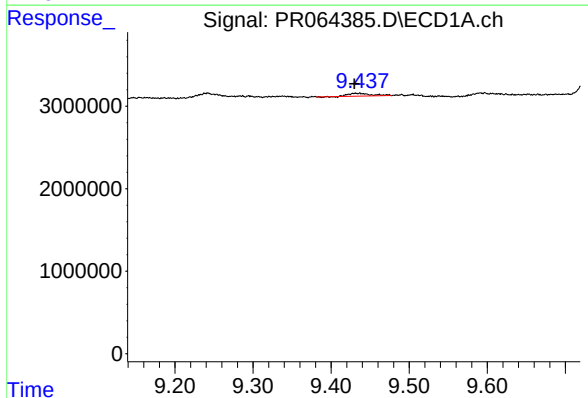
R.T.: 9.039 min
Delta R.T.: 0.013 min
Response: 765516
Conc: 3.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



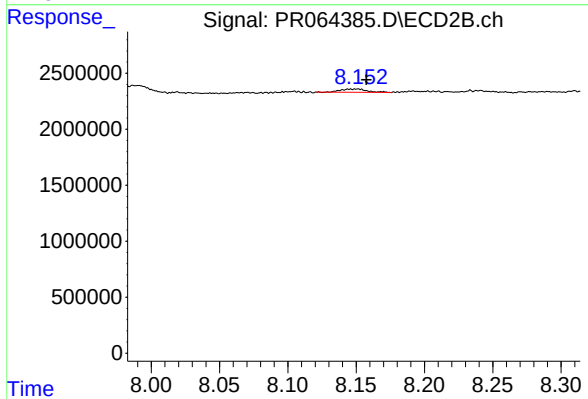
#44 AR-1268-4

R.T.: 7.857 min
Delta R.T.: 0.003 min
Response: 286776
Conc: 1.76 ng/ml



#45 AR-1268-5

R.T.: 9.433 min
Delta R.T.: 0.002 min
Response: 659275
Conc: 0.37 ng/ml



#45 AR-1268-5

R.T.: 8.149 min
Delta R.T.: -0.009 min
Response: 391655
Conc: 0.33 ng/ml