

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022223\
 Data File : PR059686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2023 13:38
 Operator : YP\AJ
 Sample : 01631-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:36:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012723CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 27 08:44:40 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	38185260	52456110	14.076	13.192
2)	SA Decachlor...	9.662	8.141	46495586	65833234	22.231	20.633
Target Compounds							
3)	L1 AR-1016-1	4.874f	4.019	3823870	659474	44.146	4.750 #
4)	L1 AR-1016-2	0.000	4.045	0	1243746	N.D.	6.455 #
5)	L1 AR-1016-3	5.036	4.203	1117224	135431	14.607	1.334 #
6)	L1 AR-1016-4	5.126	4.263	167394	3842191	2.690	50.027 #
7)	L1 AR-1016-5	5.433	4.478	1338535	1177545	21.776	11.459 #
8)	L2 AR-1221-1	0.000	3.123	0	116197	N.D.	2.620 #
9)	L2 AR-1221-2	4.005	3.207	593218	804852	24.720	25.483
10)	L2 AR-1221-3	4.101	3.295	74957	91549	1.003	0.845
11)	L3 AR-1232-1	4.101	3.295	74957	91549	1.163	1.013
12)	L3 AR-1232-2	4.635	4.045	623234	1243746	20.905	14.427 #
13)	L3 AR-1232-3	0.000	4.203	0	135431	N.D.	3.069 #
14)	L3 AR-1232-4	5.126	4.303	167394	905661	5.789	23.692 #
15)	L3 AR-1232-5	5.219	4.478	3536609	1177545	167.059	26.459 #
16)	L4 AR-1242-1	4.874f	4.019	3823870	659474	51.857	5.740 #
17)	L4 AR-1242-2	0.000	4.045	0	1243746	N.D.	7.790 #
18)	L4 AR-1242-3	5.036	4.203	1117224	135431	17.119	1.608 #
19)	L4 AR-1242-4	5.126	4.303	167394	905661	3.138	11.367 #
20)	L4 AR-1242-5	5.912	4.847	1947946	11856218	36.236	114.698 #
21)	L5 AR-1248-1	4.874f	4.019	3823870	659474	67.967	7.595 #
22)	L5 AR-1248-2	5.219	4.263	3536609	3842191	48.512	32.770 #
23)	L5 AR-1248-3	5.433	4.303	1338535	905661	15.587	7.542 #
24)	L5 AR-1248-4	5.869	4.478	2297580	1177545	24.144	7.996 #
25)	L5 AR-1248-5	5.912	4.889	1947946	1692022	21.124	11.457 #
26)	L6 AR-1254-1	5.841	4.847	5562826	11856218	58.891	52.630
27)	L6 AR-1254-2	6.080	5.005	9057432	11969577	62.040	62.232
28)	L6 AR-1254-3	6.474	5.425	12893275	23610670	83.552	75.159
29)	L6 AR-1254-4	6.789	5.671	9059685	14689133	78.331	75.830
30)	L6 AR-1254-5	7.247	6.114	11832863	24790204	95.539	91.972
31)	L7 AR-1260-1	6.655	5.565	5899134	10652592	50.379	49.854
32)	L7 AR-1260-2	6.939	5.770	8090044	10736622	58.300	41.752 #
33)	L7 AR-1260-3	7.311	5.923	1071542	9518354	10.376	40.394 #
34)	L7 AR-1260-4	7.559	6.431	5287811	1564255	45.142	8.096 #
35)	L7 AR-1260-5	7.918	6.697	1856182	3323607	8.168	7.413
36)	L8 AR-1262-1	7.311	6.185	1071542	1508795	7.103	5.222 #
37)	L8 AR-1262-2	7.918	6.431	1856182	1564255	7.099	6.131
38)	L8 AR-1262-3	8.237	7.002	1892990	827047	10.350	4.315 #
39)	L8 AR-1262-4	8.313	7.064	295551	3825660	3.367	10.507 #
40)	L8 AR-1262-5	8.953	7.604	500946	597012	5.018	3.703 #
41)	L9 AR-1268-1	8.237	7.002	1892990	827047	4.435	1.024 #

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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	8.313	7.064	295551	3825660	0.765	5.230 #
43) L9	AR-1268-3	8.543	7.293	160984	267292	0.478	0.426
44) L9	AR-1268-4	8.953	7.604	500946	597012	3.378	2.400 #
45) L9	AR-1268-5	9.344	7.899	744346	586541	0.687	0.301 #

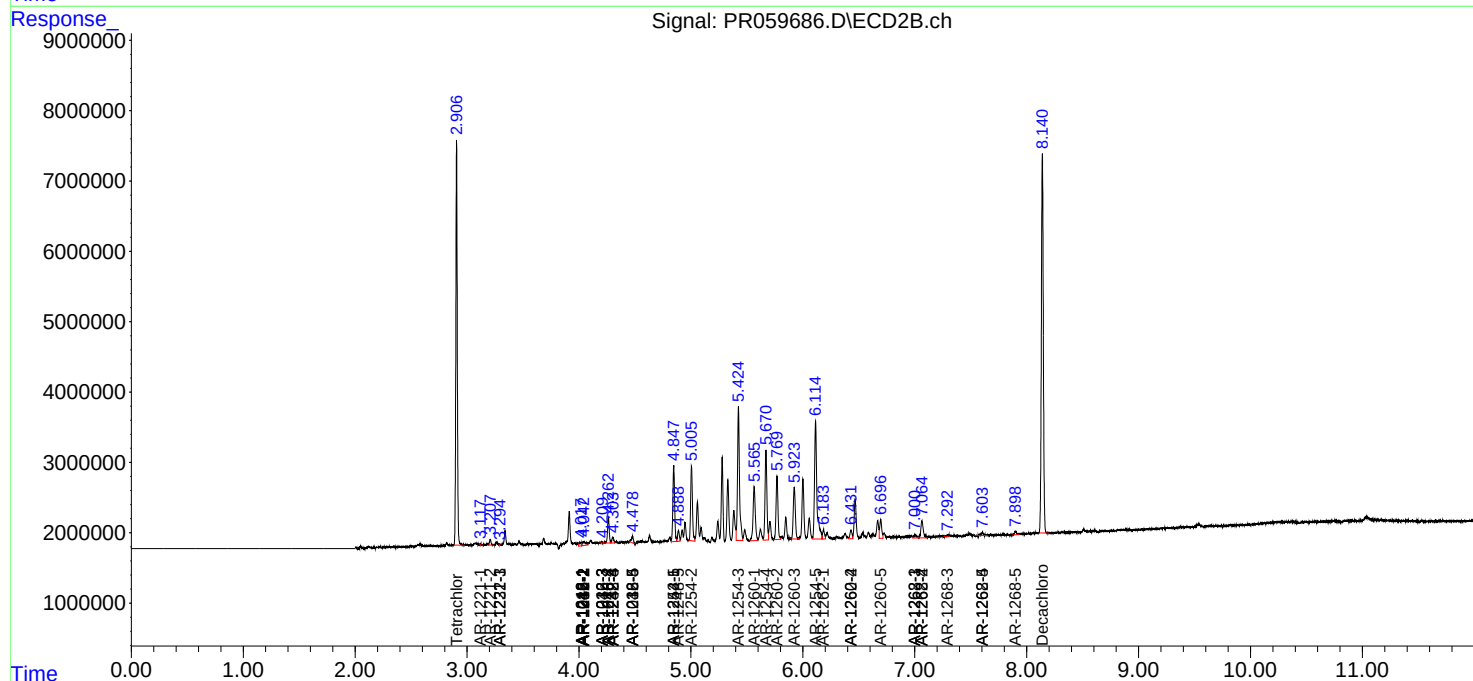
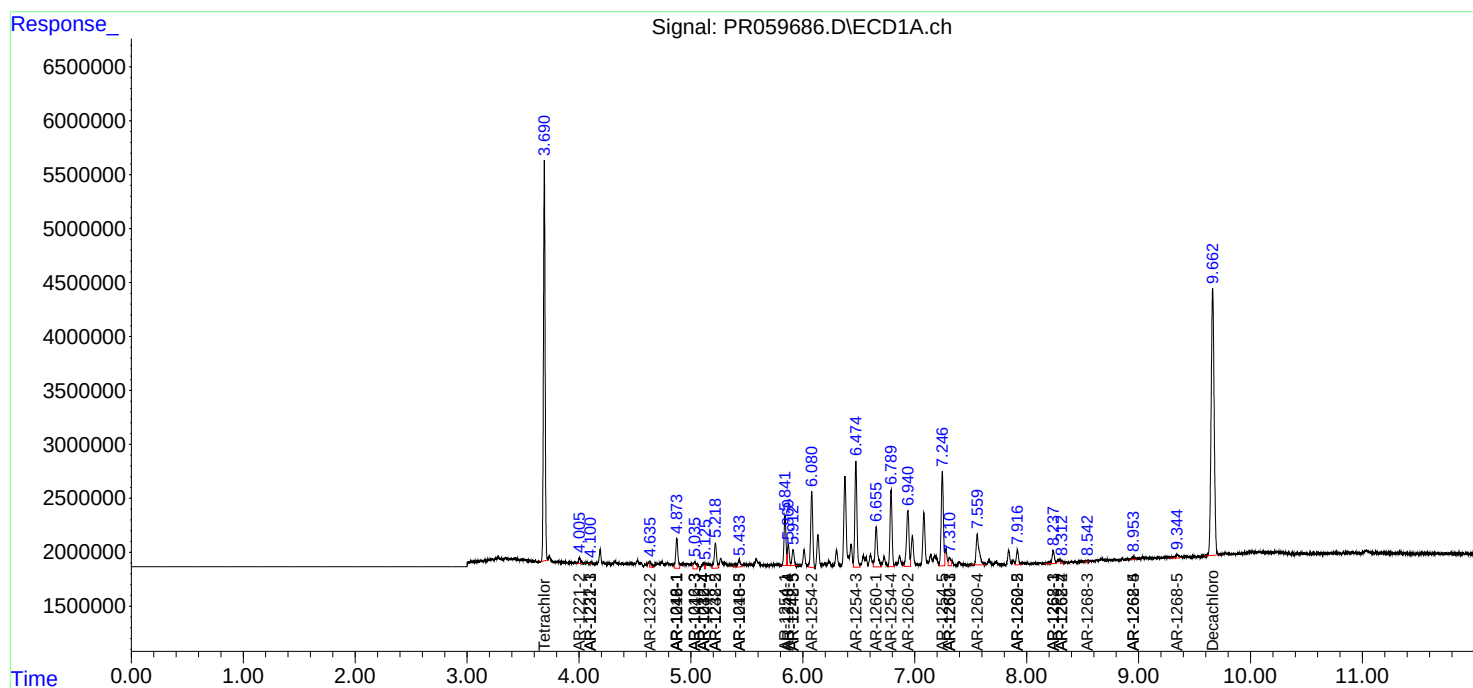
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

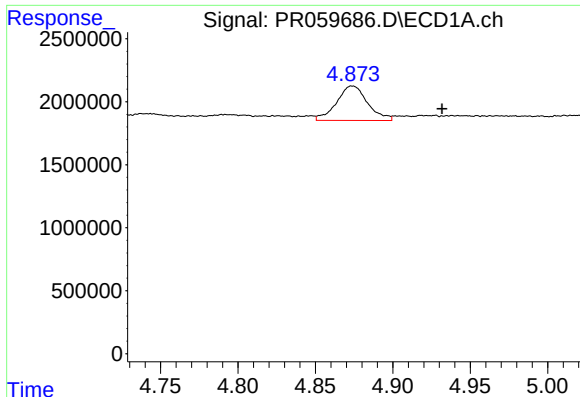
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QLast Update : Fri Jan 27 08:44:40 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

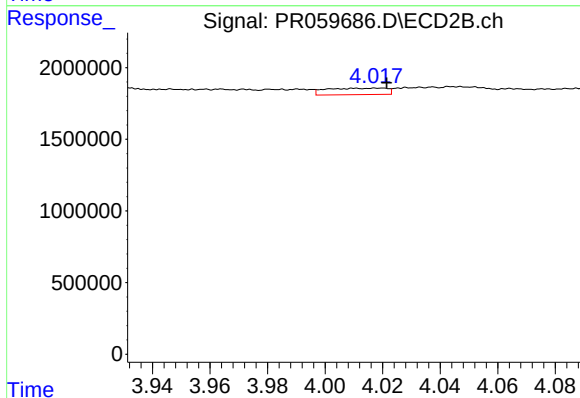




#3 AR-1016-1

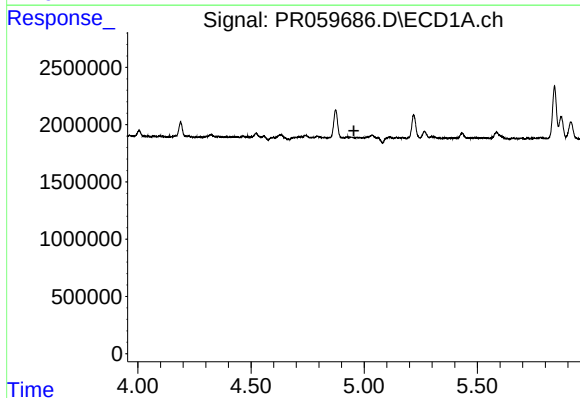
R.T.: 4.874 min
Delta R.T.: -0.058 min
Response: 3823870
Conc: 44.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



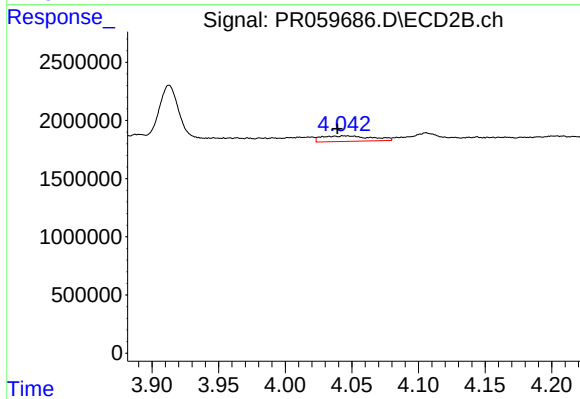
#3 AR-1016-1

R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 659474
Conc: 4.75 ng/ml



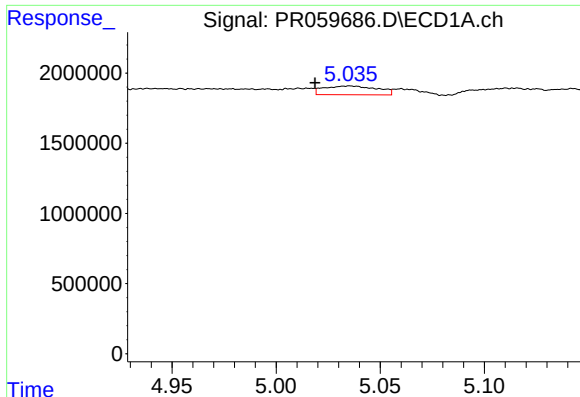
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.954 min
Response: 0
Conc: N.D.



#4 AR-1016-2

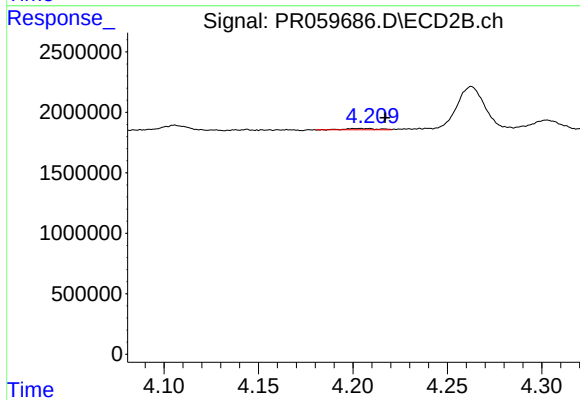
R.T.: 4.045 min
Delta R.T.: 0.006 min
Response: 1243746
Conc: 6.46 ng/ml



#5 AR-1016-3

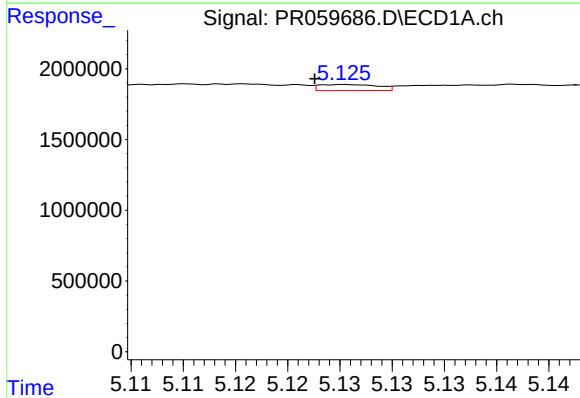
R.T.: 5.036 min
Delta R.T.: 0.017 min
Response: 1117224
Conc: 14.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



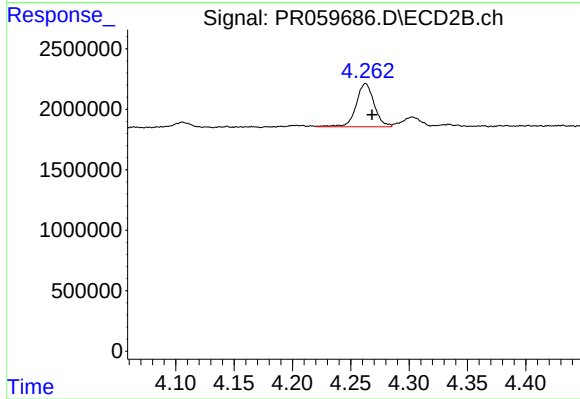
#5 AR-1016-3

R.T.: 4.203 min
Delta R.T.: -0.014 min
Response: 135431
Conc: 1.33 ng/ml



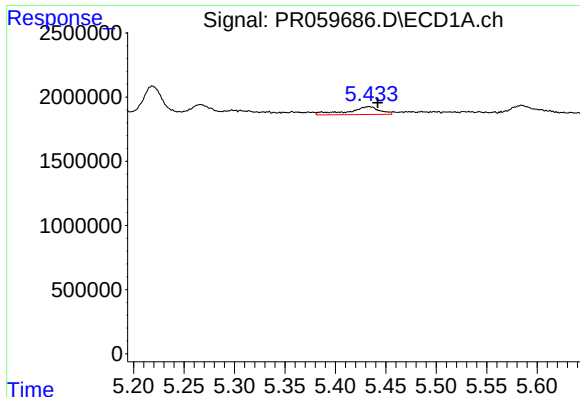
#6 AR-1016-4

R.T.: 5.126 min
Delta R.T.: 0.003 min
Response: 167394
Conc: 2.69 ng/ml



#6 AR-1016-4

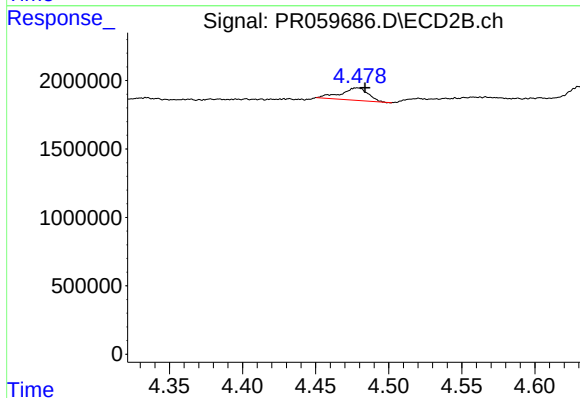
R.T.: 4.263 min
Delta R.T.: -0.005 min
Response: 3842191
Conc: 50.03 ng/ml



#7 AR-1016-5

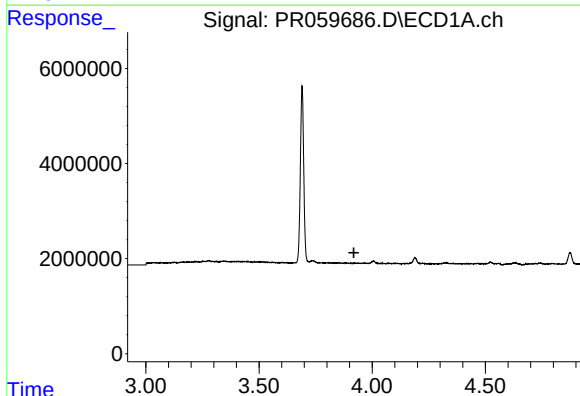
R.T.: 5.433 min
Delta R.T.: -0.009 min
Response: 1338535
Conc: 21.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



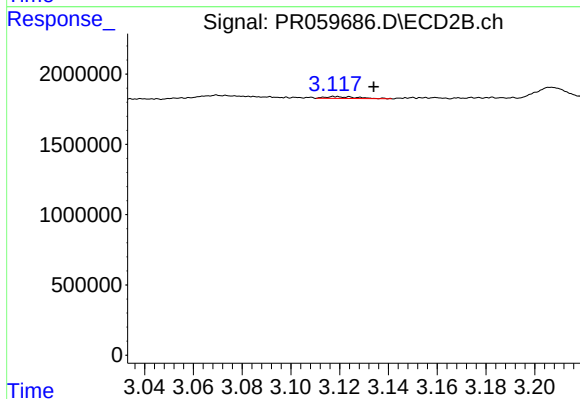
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: -0.006 min
Response: 1177545
Conc: 11.46 ng/ml



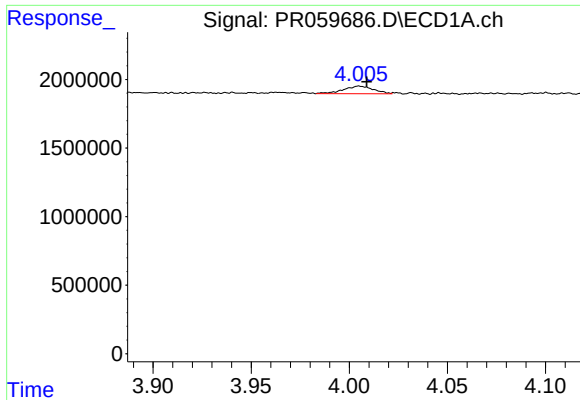
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.919 min
Response: 0
Conc: N.D.



#8 AR-1221-1

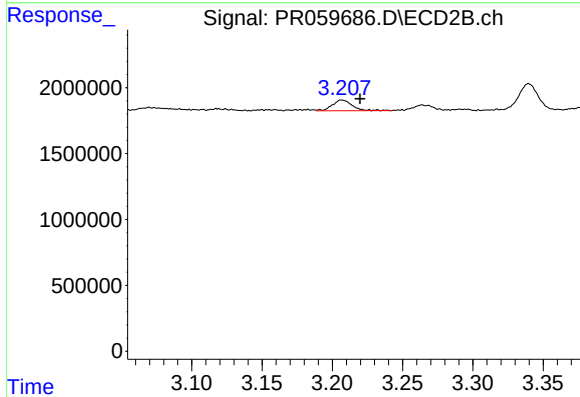
R.T.: 3.123 min
Delta R.T.: -0.011 min
Response: 116197
Conc: 2.62 ng/ml



#9 AR-1221-2

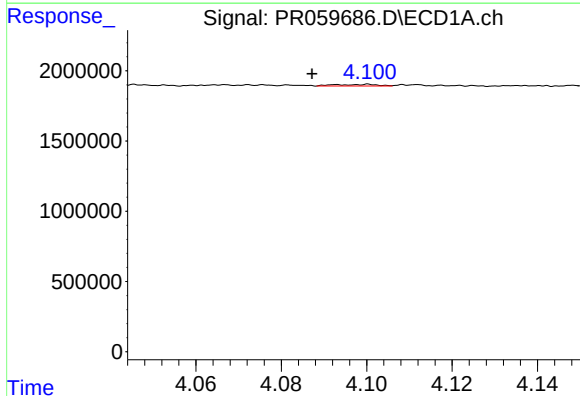
R.T.: 4.005 min
Delta R.T.: -0.004 min
Response: 593218
Conc: 24.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



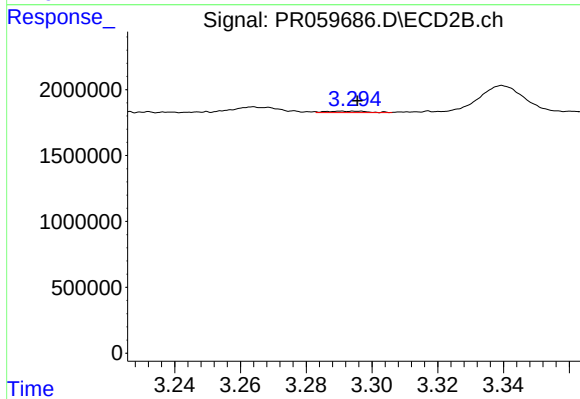
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.013 min
Response: 804852
Conc: 25.48 ng/ml



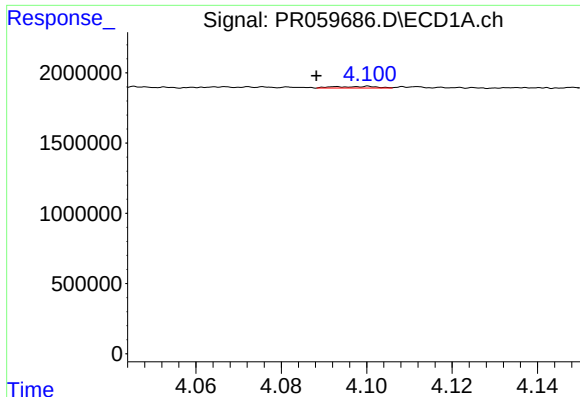
#10 AR-1221-3

R.T.: 4.101 min
Delta R.T.: 0.013 min
Response: 74957
Conc: 1.00 ng/ml



#10 AR-1221-3

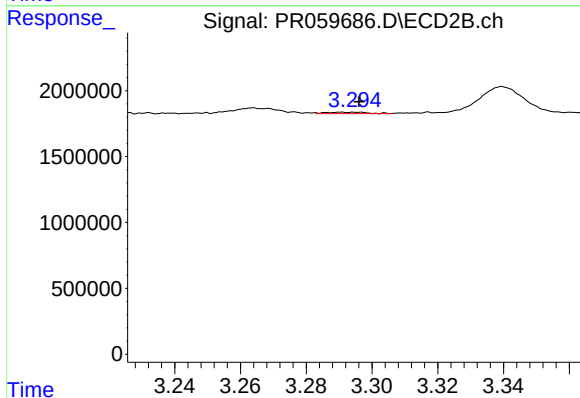
R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 91549
Conc: 0.85 ng/ml



#11 AR-1232-1

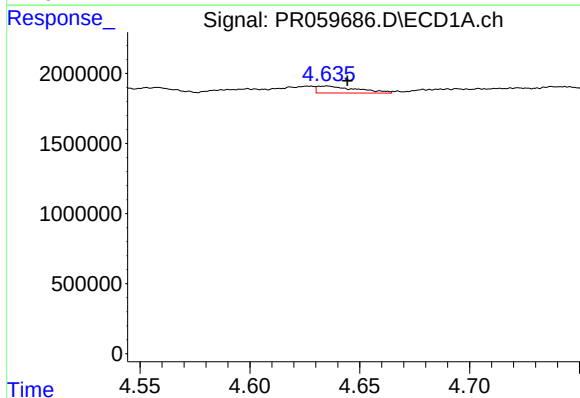
R.T.: 4.101 min
Delta R.T.: 0.012 min
Response: 74957
Conc: 1.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



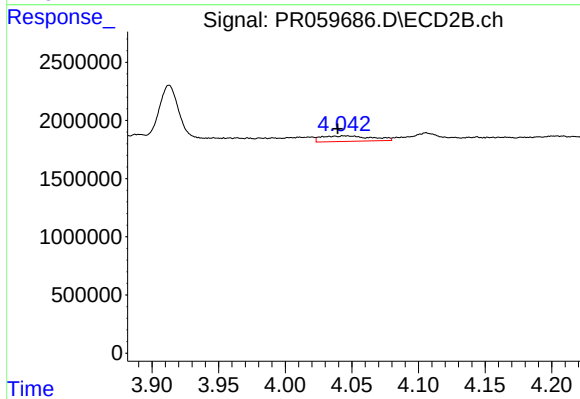
#11 AR-1232-1

R.T.: 3.295 min
Delta R.T.: -0.001 min
Response: 91549
Conc: 1.01 ng/ml



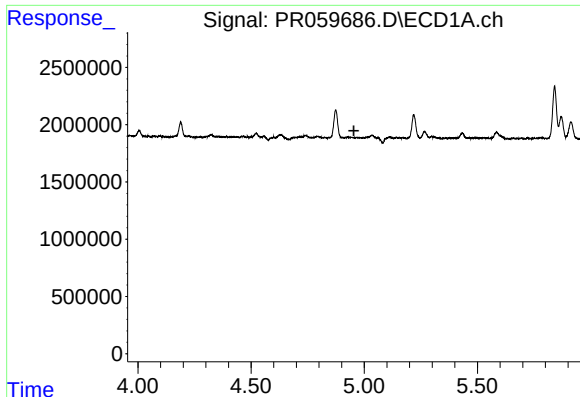
#12 AR-1232-2

R.T.: 4.635 min
Delta R.T.: -0.009 min
Response: 623234
Conc: 20.91 ng/ml



#12 AR-1232-2

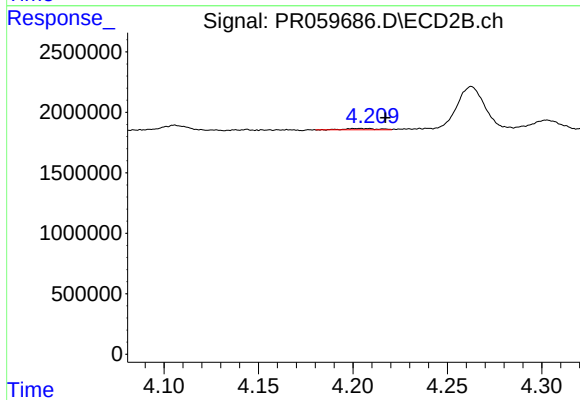
R.T.: 4.045 min
Delta R.T.: 0.006 min
Response: 1243746
Conc: 14.43 ng/ml



#13 AR-1232-3

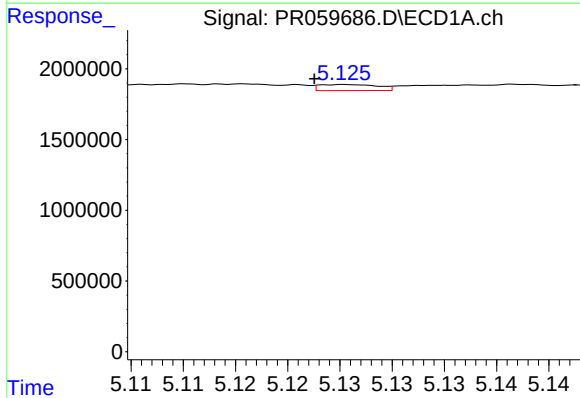
R.T.: 0.000 min
Exp R.T.: 4.954 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



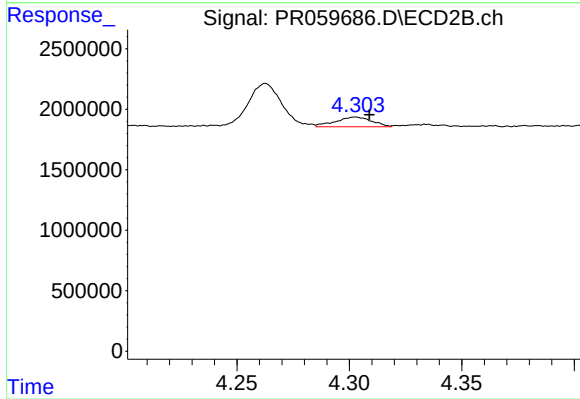
#13 AR-1232-3

R.T.: 4.203 min
Delta R.T.: -0.014 min
Response: 135431
Conc: 3.07 ng/ml



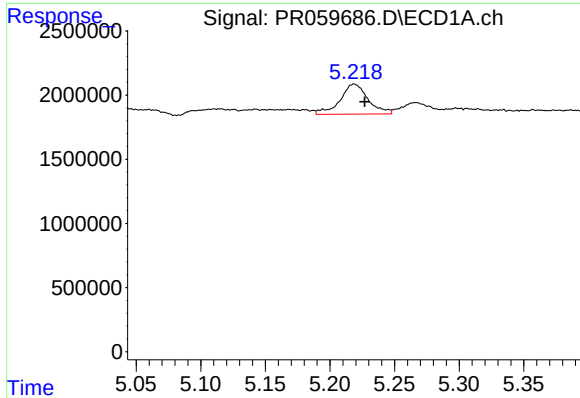
#14 AR-1232-4

R.T.: 5.126 min
Delta R.T.: 0.003 min
Response: 167394
Conc: 5.79 ng/ml



#14 AR-1232-4

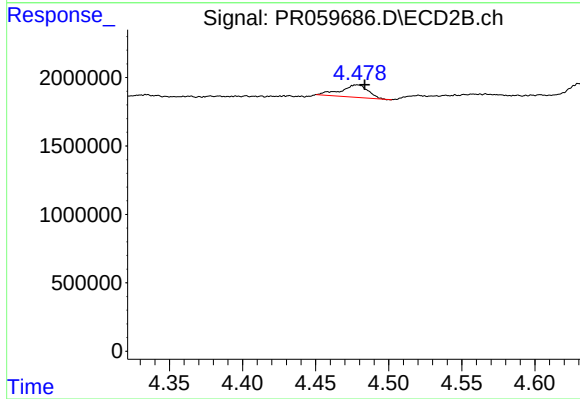
R.T.: 4.303 min
Delta R.T.: -0.006 min
Response: 905661
Conc: 23.69 ng/ml



#15 AR-1232-5

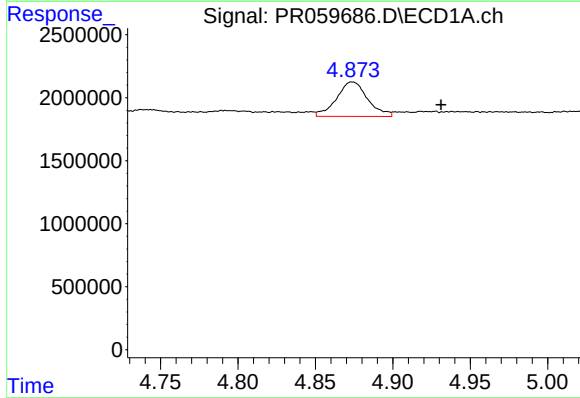
R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 3536609
Conc: 167.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



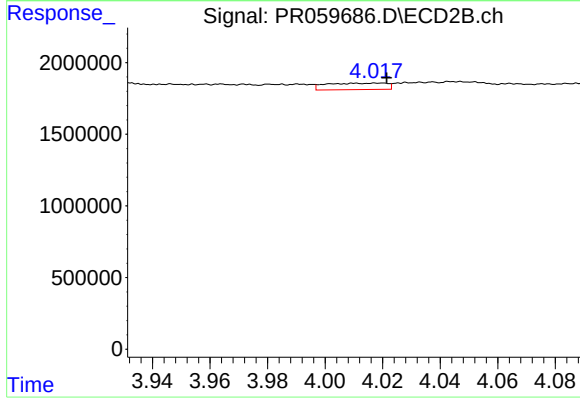
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: -0.005 min
Response: 1177545
Conc: 26.46 ng/ml



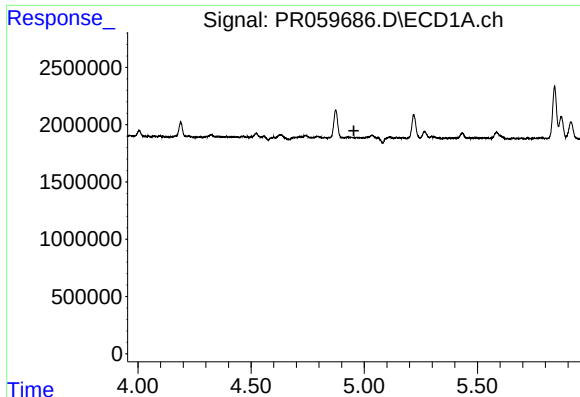
#16 AR-1242-1

R.T.: 4.874 min
Delta R.T.: -0.057 min
Response: 3823870
Conc: 51.86 ng/ml



#16 AR-1242-1

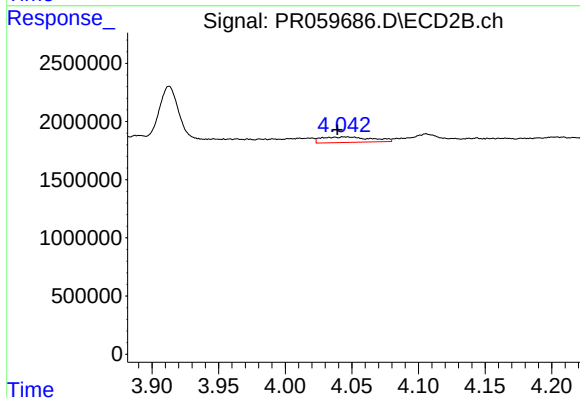
R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 659474
Conc: 5.74 ng/ml



#17 AR-1242-2

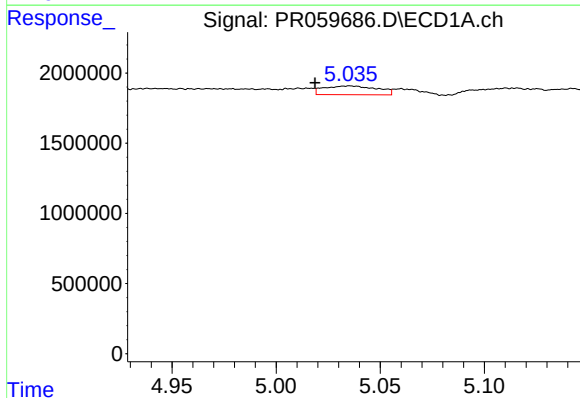
R.T.: 0.000 min
Exp R.T.: 4.954 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



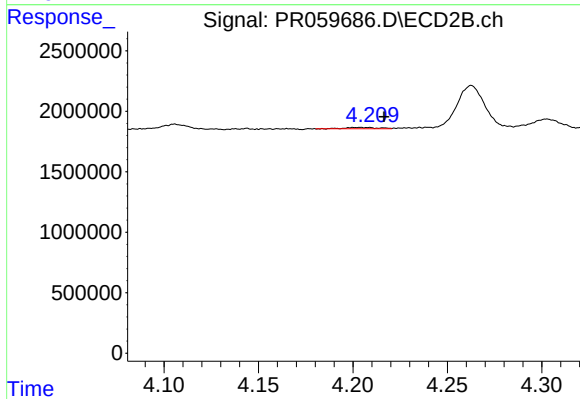
#17 AR-1242-2

R.T.: 4.045 min
Delta R.T.: 0.006 min
Response: 1243746
Conc: 7.79 ng/ml



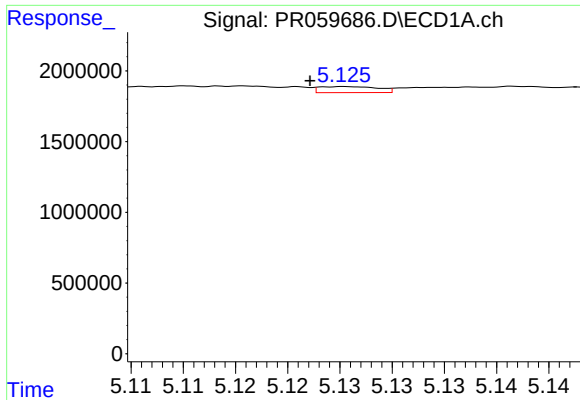
#18 AR-1242-3

R.T.: 5.036 min
Delta R.T.: 0.017 min
Response: 1117224
Conc: 17.12 ng/ml



#18 AR-1242-3

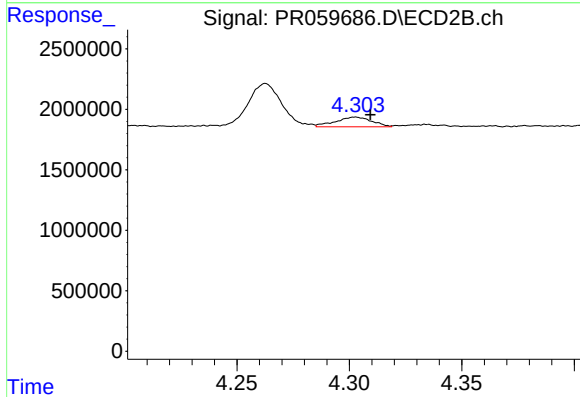
R.T.: 4.203 min
Delta R.T.: -0.013 min
Response: 135431
Conc: 1.61 ng/ml



#19 AR-1242-4

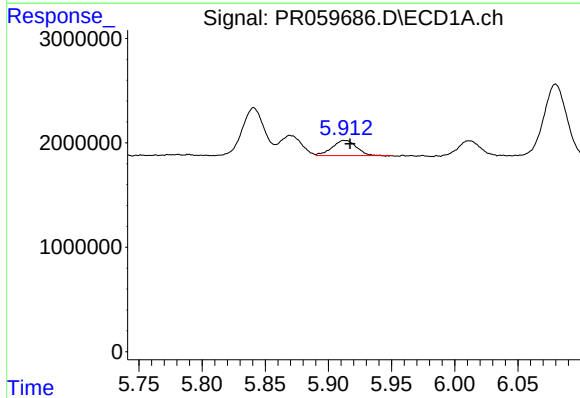
R.T.: 5.126 min
Delta R.T.: 0.004 min
Response: 167394
Conc: 3.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



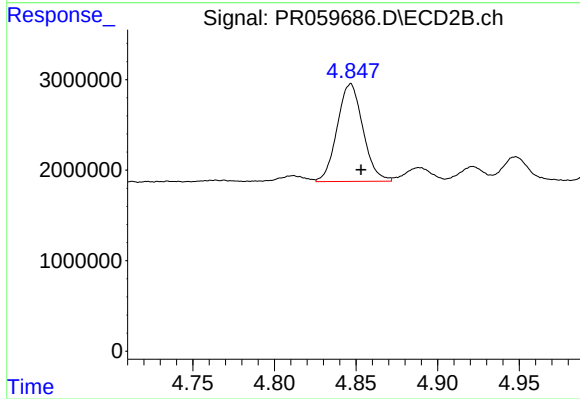
#19 AR-1242-4

R.T.: 4.303 min
Delta R.T.: -0.007 min
Response: 905661
Conc: 11.37 ng/ml



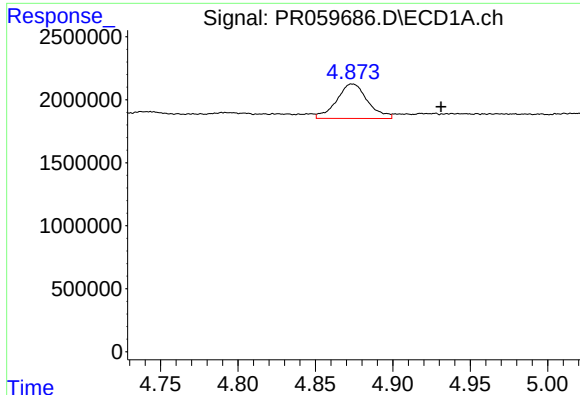
#20 AR-1242-5

R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 1947946
Conc: 36.24 ng/ml



#20 AR-1242-5

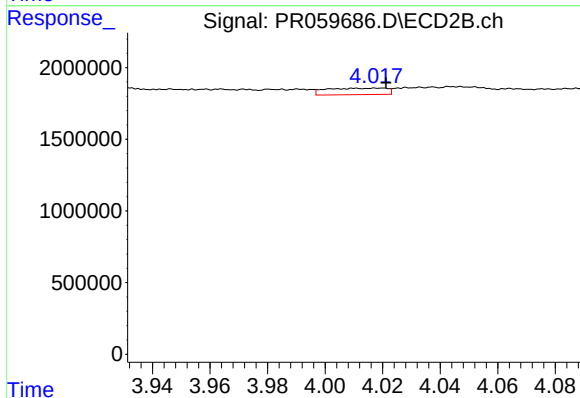
R.T.: 4.847 min
Delta R.T.: -0.006 min
Response: 11856218
Conc: 114.70 ng/ml



#21 AR-1248-1

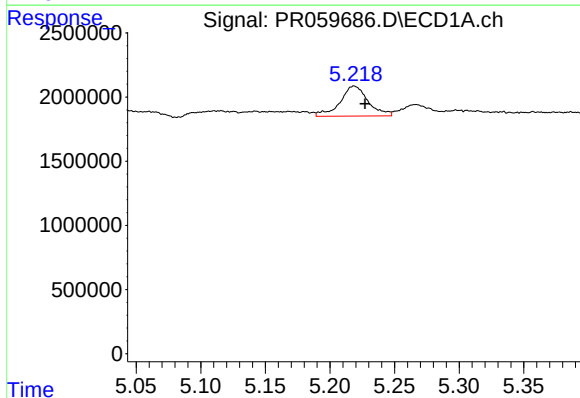
R.T.: 4.874 min
Delta R.T.: -0.057 min
Response: 3823870
Conc: 67.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



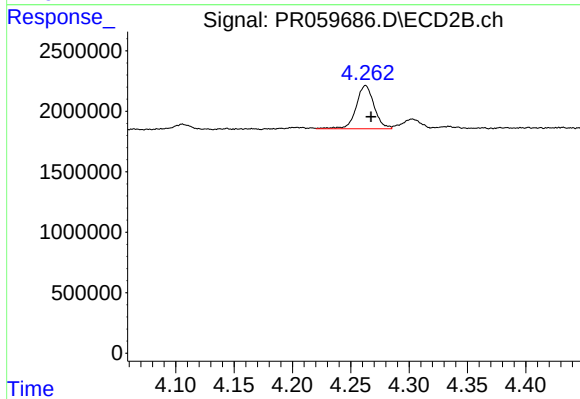
#21 AR-1248-1

R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 659474
Conc: 7.59 ng/ml



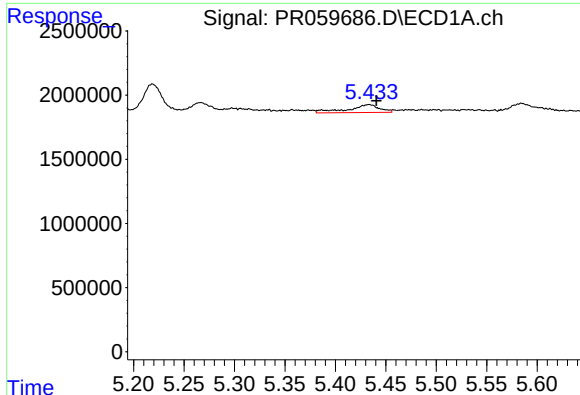
#22 AR-1248-2

R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 3536609
Conc: 48.51 ng/ml



#22 AR-1248-2

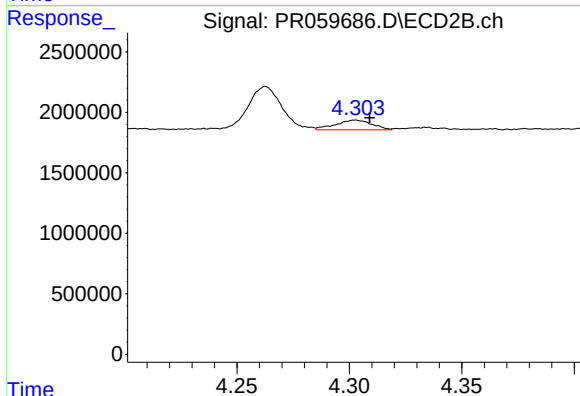
R.T.: 4.263 min
Delta R.T.: -0.005 min
Response: 3842191
Conc: 32.77 ng/ml



#23 AR-1248-3

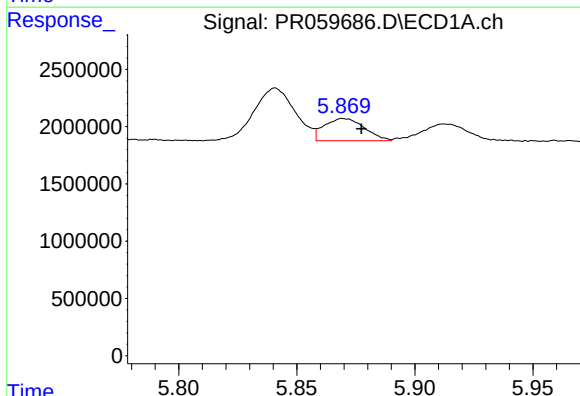
R.T.: 5.433 min
Delta R.T.: -0.007 min
Response: 1338535
Conc: 15.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



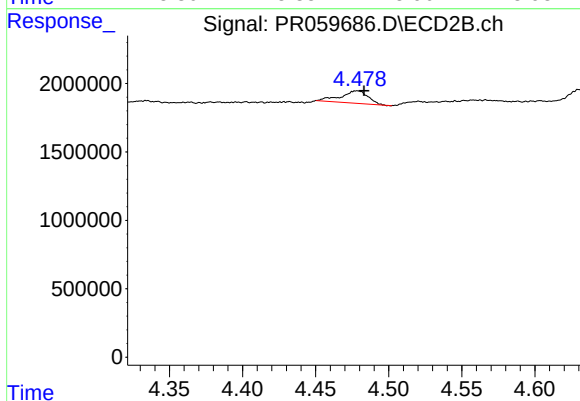
#23 AR-1248-3

R.T.: 4.303 min
Delta R.T.: -0.006 min
Response: 905661
Conc: 7.54 ng/ml



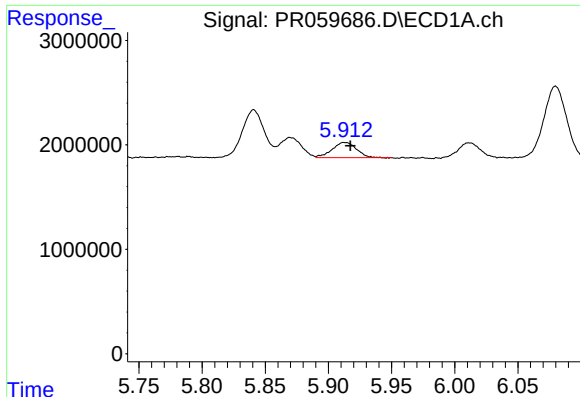
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.008 min
Response: 2297580
Conc: 24.14 ng/ml



#24 AR-1248-4

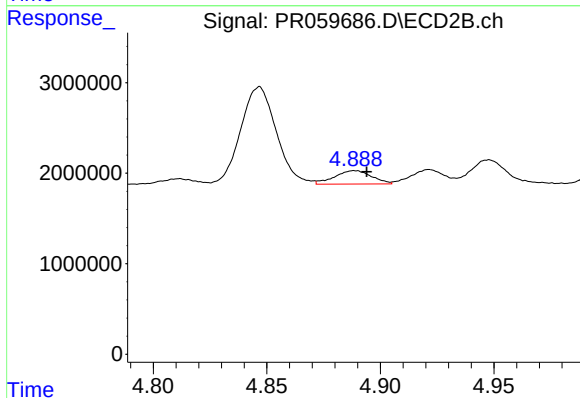
R.T.: 4.478 min
Delta R.T.: -0.005 min
Response: 1177545
Conc: 8.00 ng/ml



#25 AR-1248-5

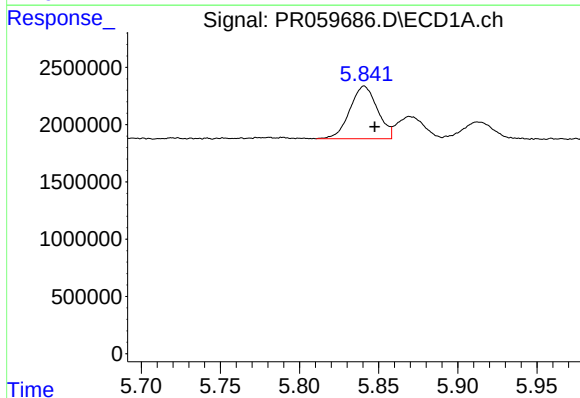
R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 1947946
Conc: 21.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



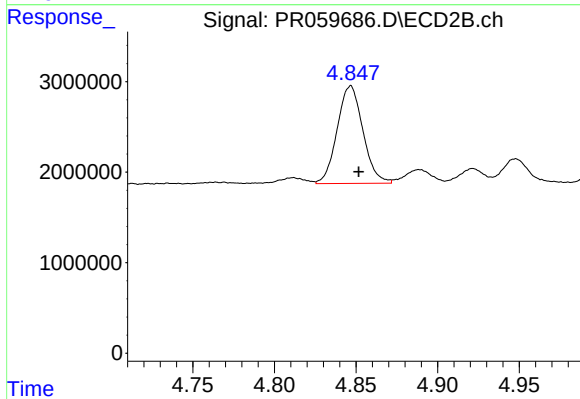
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 1692022
Conc: 11.46 ng/ml



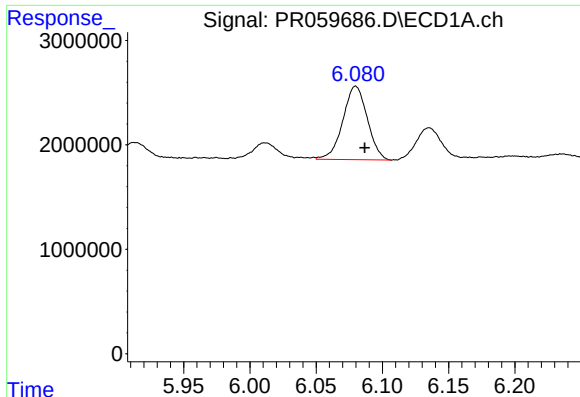
#26 AR-1254-1

R.T.: 5.841 min
Delta R.T.: -0.007 min
Response: 5562826
Conc: 58.89 ng/ml



#26 AR-1254-1

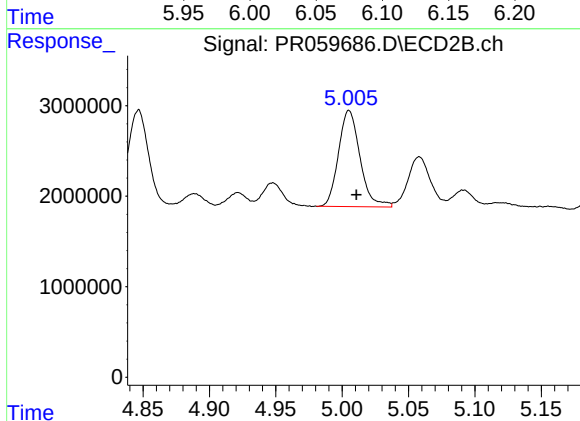
R.T.: 4.847 min
Delta R.T.: -0.005 min
Response: 11856218
Conc: 52.63 ng/ml



#27 AR-1254-2

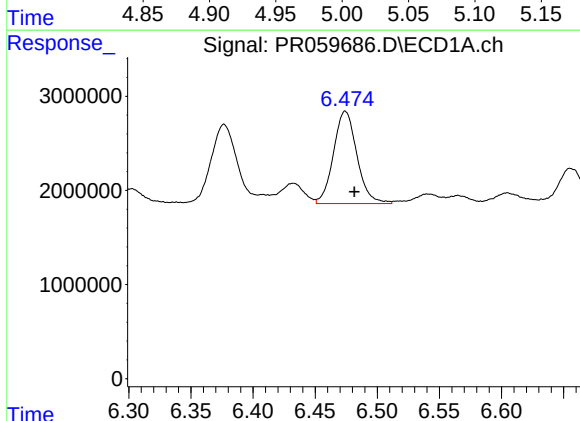
R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 9057432
Conc: 62.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



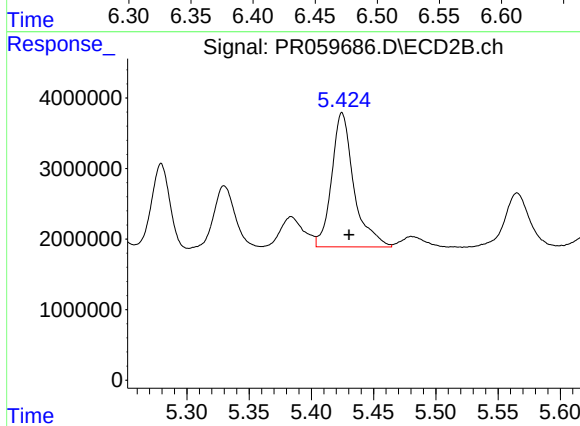
#27 AR-1254-2

R.T.: 5.005 min
Delta R.T.: -0.006 min
Response: 11969577
Conc: 62.23 ng/ml



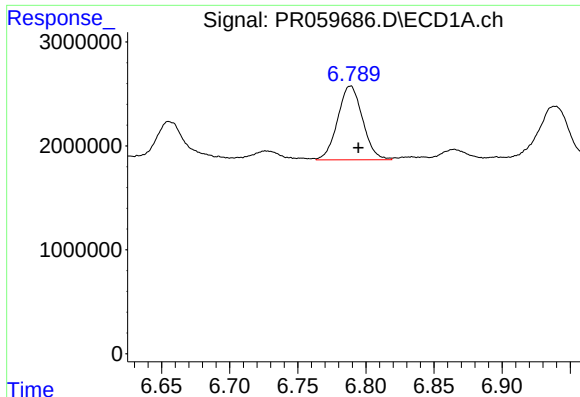
#28 AR-1254-3

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 12893275
Conc: 83.55 ng/ml



#28 AR-1254-3

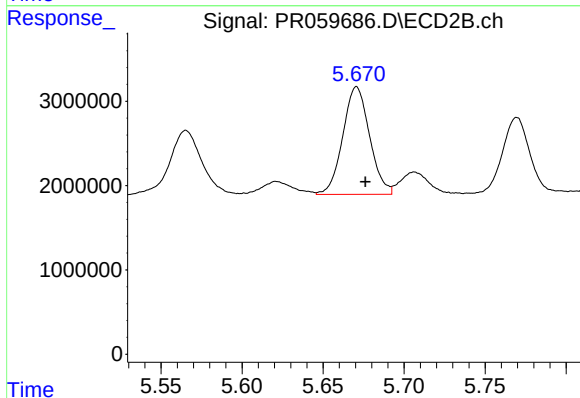
R.T.: 5.425 min
Delta R.T.: -0.006 min
Response: 23610670
Conc: 75.16 ng/ml



#29 AR-1254-4

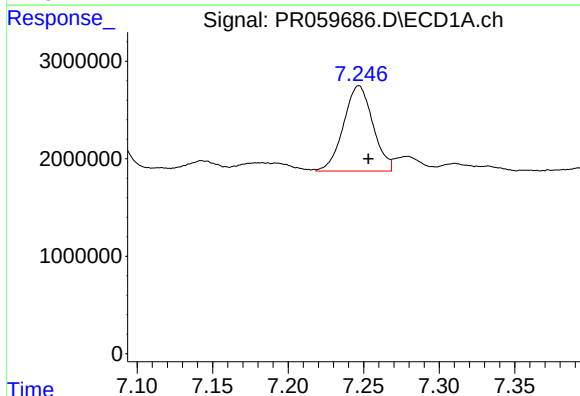
R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 9059685
Conc: 78.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



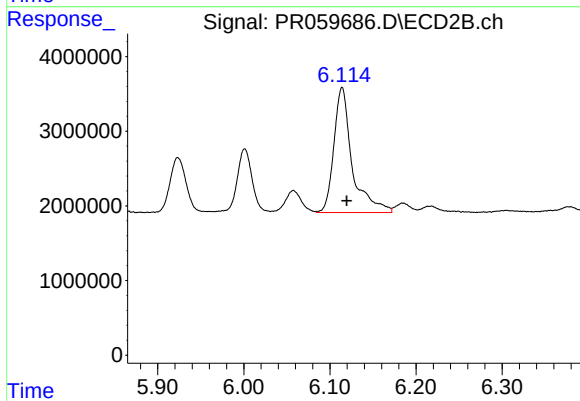
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 14689133
Conc: 75.83 ng/ml



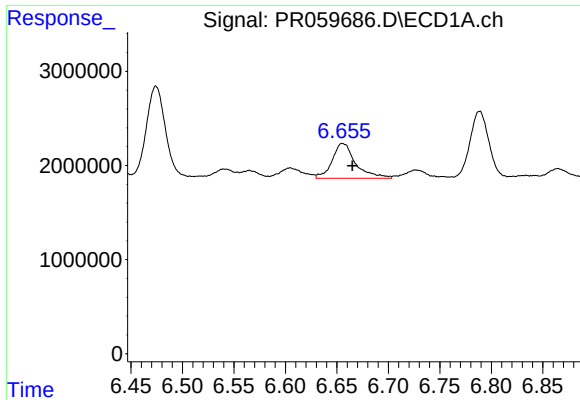
#30 AR-1254-5

R.T.: 7.247 min
Delta R.T.: -0.006 min
Response: 11832863
Conc: 95.54 ng/ml



#30 AR-1254-5

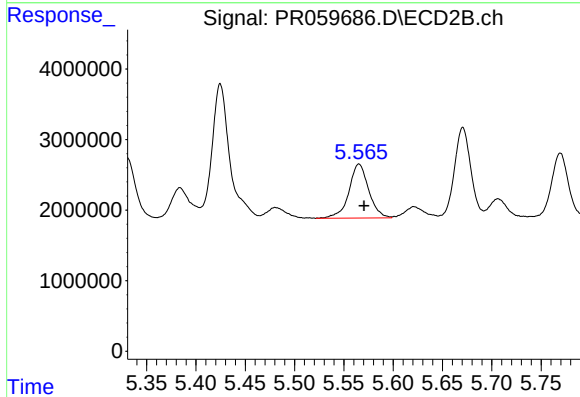
R.T.: 6.114 min
Delta R.T.: -0.005 min
Response: 24790204
Conc: 91.97 ng/ml



#31 AR-1260-1

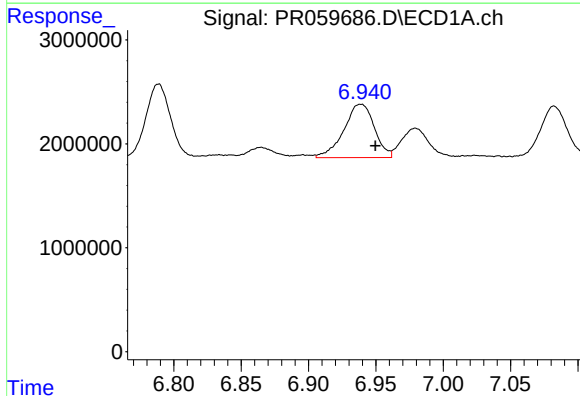
R.T.: 6.655 min
Delta R.T.: -0.010 min
Response: 5899134
Conc: 50.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



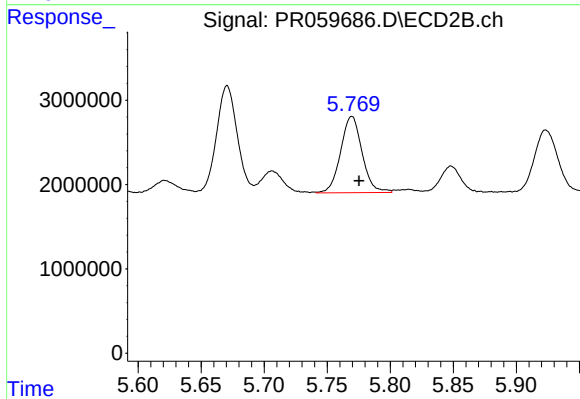
#31 AR-1260-1

R.T.: 5.565 min
Delta R.T.: -0.005 min
Response: 10652592
Conc: 49.85 ng/ml



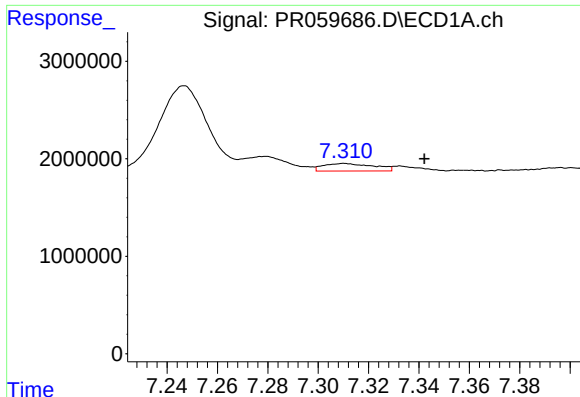
#32 AR-1260-2

R.T.: 6.939 min
Delta R.T.: -0.011 min
Response: 8090044
Conc: 58.30 ng/ml



#32 AR-1260-2

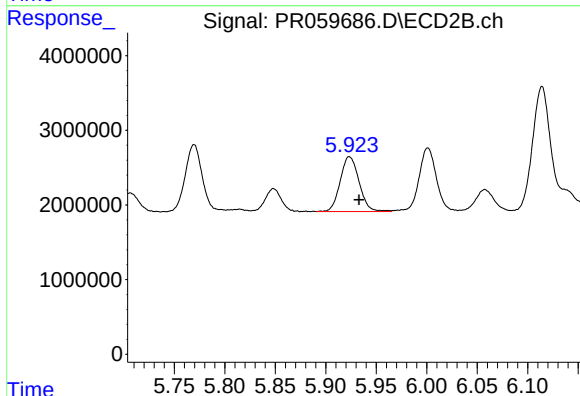
R.T.: 5.770 min
Delta R.T.: -0.006 min
Response: 10736622
Conc: 41.75 ng/ml



#33 AR-1260-3

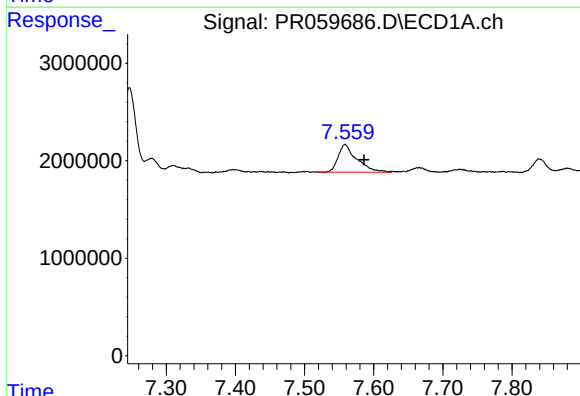
R.T.: 7.311 min
Delta R.T.: -0.032 min
Response: 1071542
Conc: 10.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



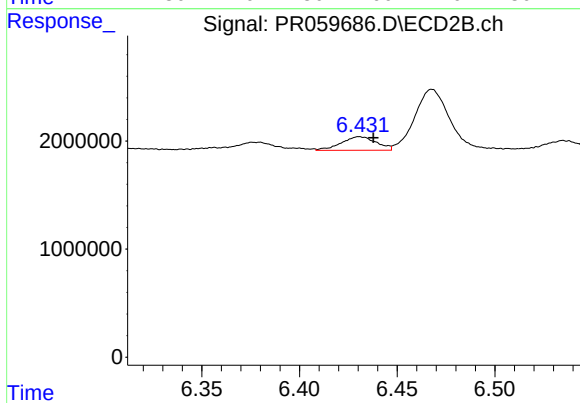
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: -0.009 min
Response: 9518354
Conc: 40.39 ng/ml



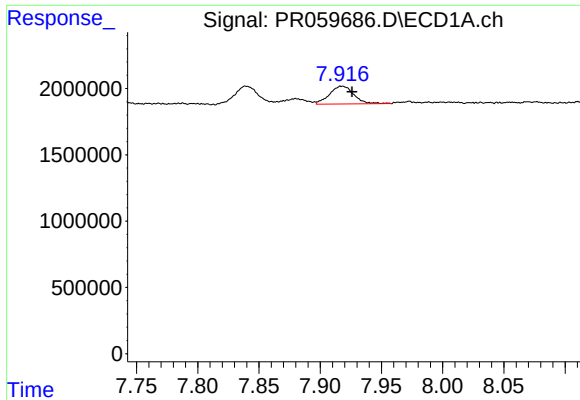
#34 AR-1260-4

R.T.: 7.559 min
Delta R.T.: -0.027 min
Response: 5287811
Conc: 45.14 ng/ml



#34 AR-1260-4

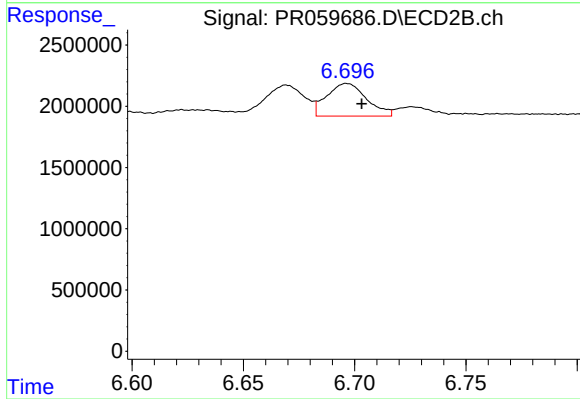
R.T.: 6.431 min
Delta R.T.: -0.007 min
Response: 1564255
Conc: 8.10 ng/ml



#35 AR-1260-5

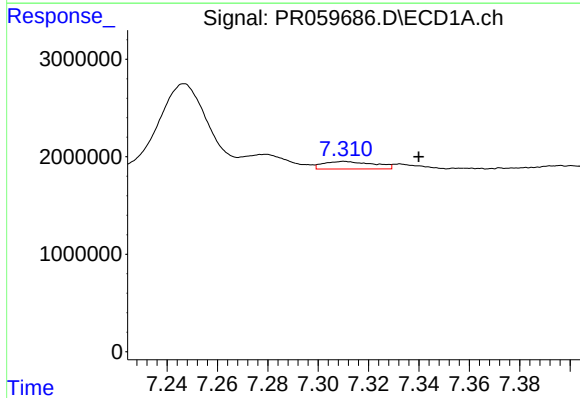
R.T.: 7.918 min
Delta R.T.: -0.008 min
Response: 1856182
Conc: 8.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



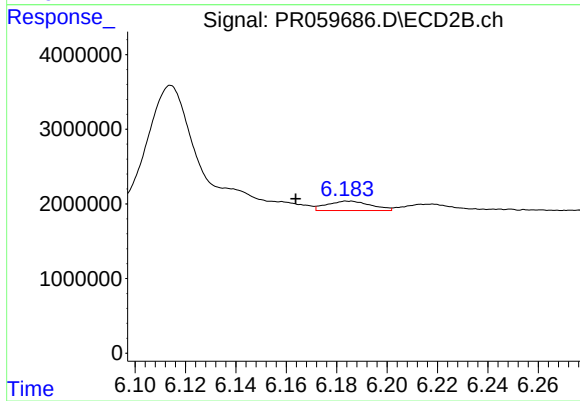
#35 AR-1260-5

R.T.: 6.697 min
Delta R.T.: -0.007 min
Response: 3323607
Conc: 7.41 ng/ml



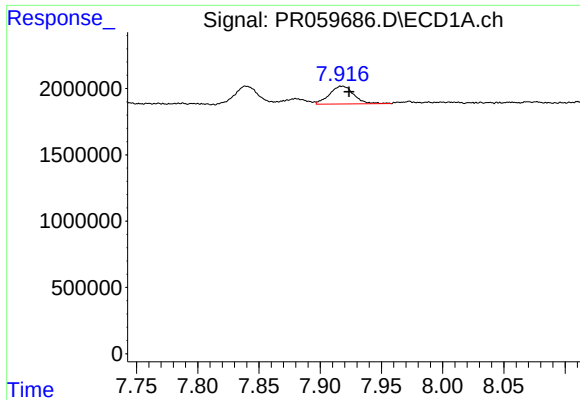
#36 AR-1262-1

R.T.: 7.311 min
Delta R.T.: -0.029 min
Response: 1071542
Conc: 7.10 ng/ml



#36 AR-1262-1

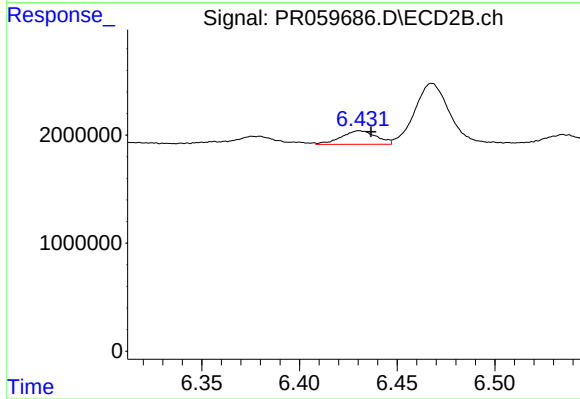
R.T.: 6.185 min
Delta R.T.: 0.021 min
Response: 1508795
Conc: 5.22 ng/ml



#37 AR-1262-2

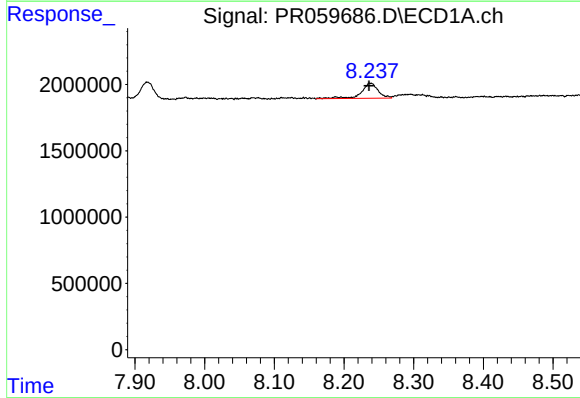
R.T.: 7.918 min
Delta R.T.: -0.006 min
Response: 1856182
Conc: 7.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



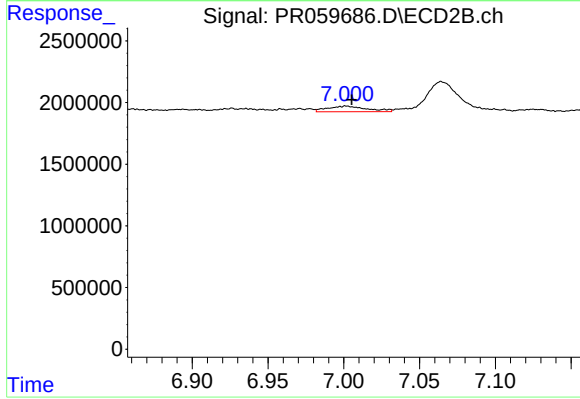
#37 AR-1262-2

R.T.: 6.431 min
Delta R.T.: -0.006 min
Response: 1564255
Conc: 6.13 ng/ml



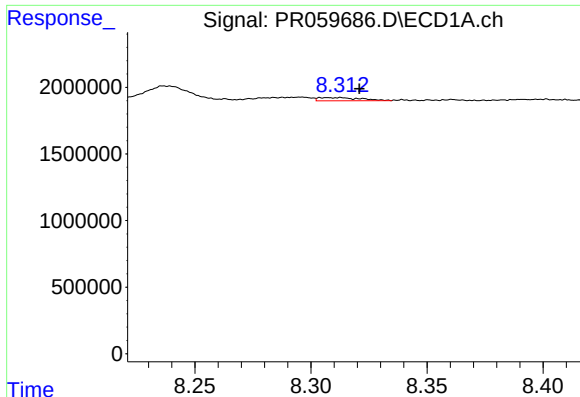
#38 AR-1262-3

R.T.: 8.237 min
Delta R.T.: 0.002 min
Response: 1892990
Conc: 10.35 ng/ml



#38 AR-1262-3

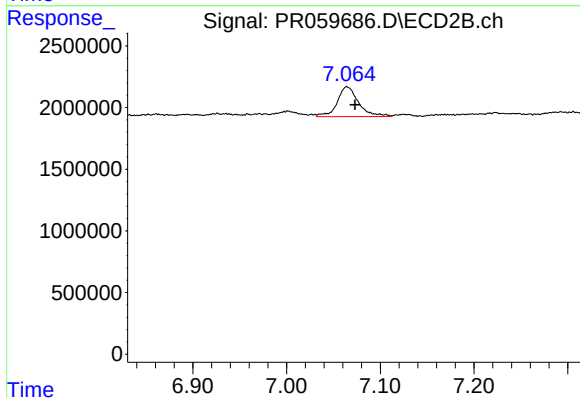
R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 827047
Conc: 4.31 ng/ml



#39 AR-1262-4

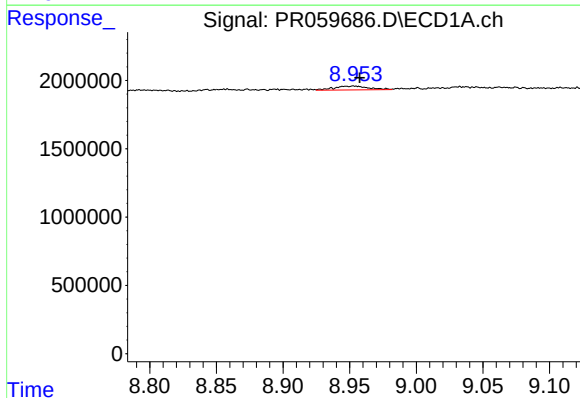
R.T.: 8.313 min
Delta R.T.: -0.008 min
Response: 295551
Conc: 3.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



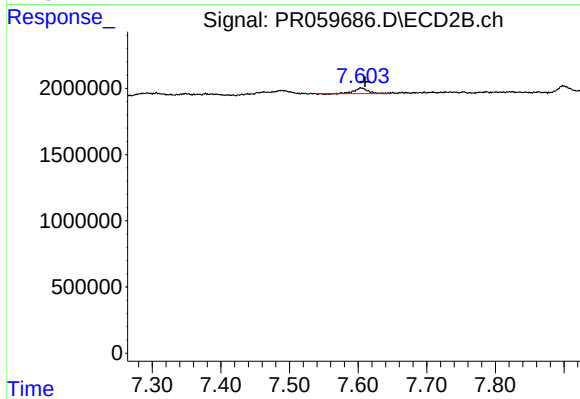
#39 AR-1262-4

R.T.: 7.064 min
Delta R.T.: -0.009 min
Response: 3825660
Conc: 10.51 ng/ml



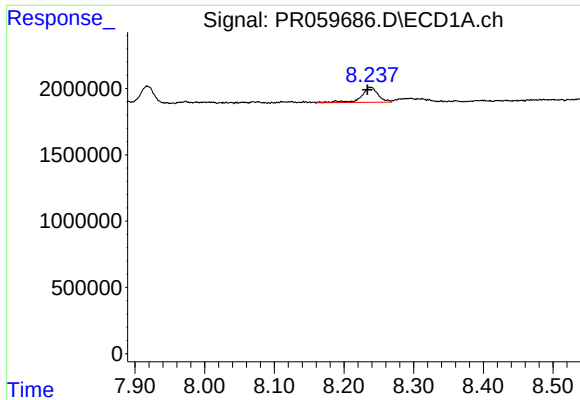
#40 AR-1262-5

R.T.: 8.953 min
Delta R.T.: -0.004 min
Response: 500946
Conc: 5.02 ng/ml



#40 AR-1262-5

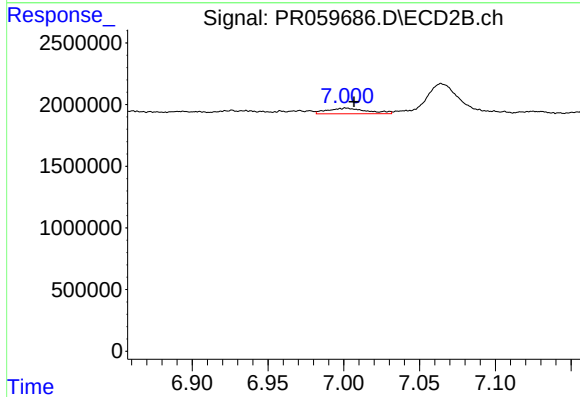
R.T.: 7.604 min
Delta R.T.: -0.006 min
Response: 597012
Conc: 3.70 ng/ml



#41 AR-1268-1

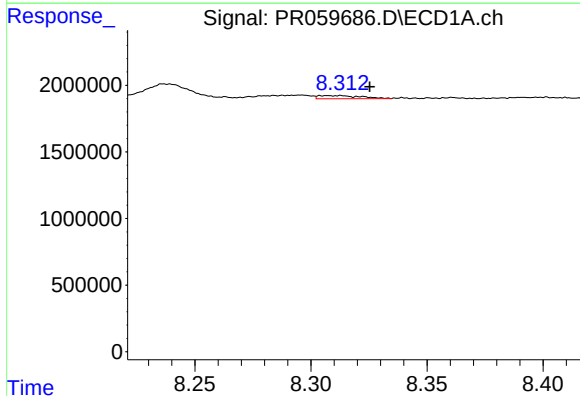
R.T.: 8.237 min
Delta R.T.: 0.004 min
Response: 1892990
Conc: 4.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



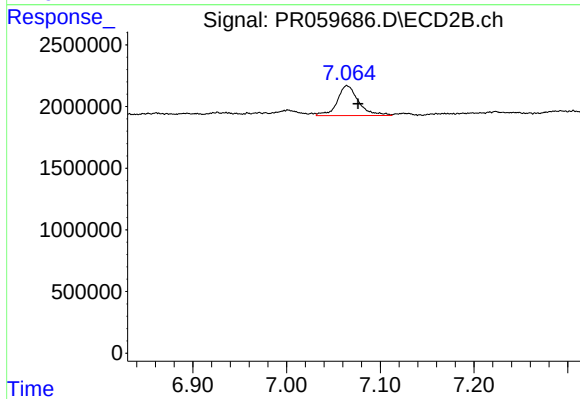
#41 AR-1268-1

R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 827047
Conc: 1.02 ng/ml



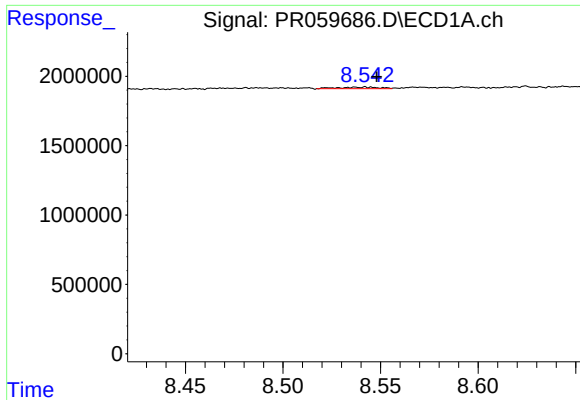
#42 AR-1268-2

R.T.: 8.313 min
Delta R.T.: -0.012 min
Response: 295551
Conc: 0.77 ng/ml



#42 AR-1268-2

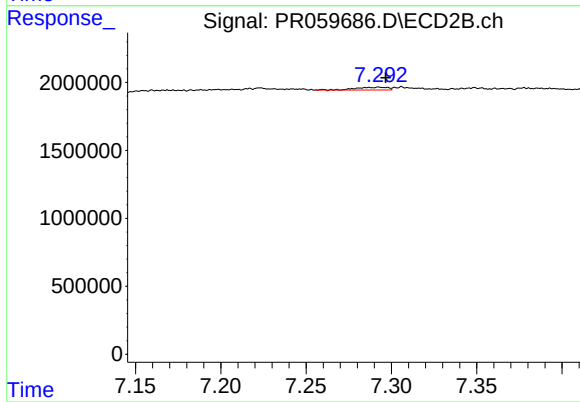
R.T.: 7.064 min
Delta R.T.: -0.012 min
Response: 3825660
Conc: 5.23 ng/ml



#43 AR-1268-3

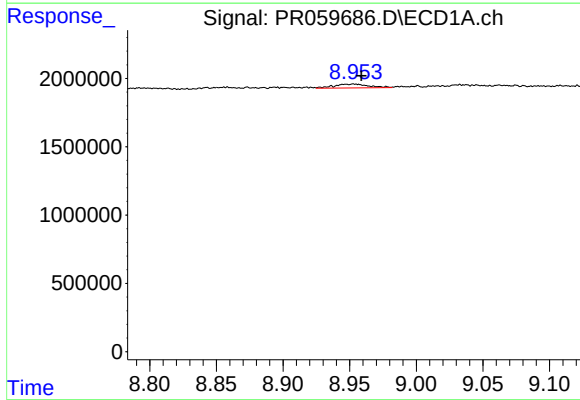
R.T.: 8.543 min
Delta R.T.: -0.005 min
Response: 160984
Conc: 0.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



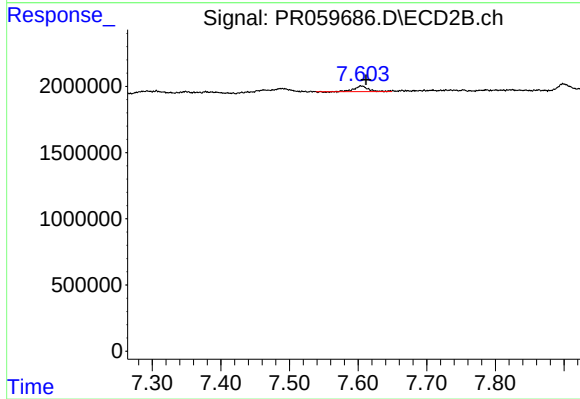
#43 AR-1268-3

R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 267292
Conc: 0.43 ng/ml



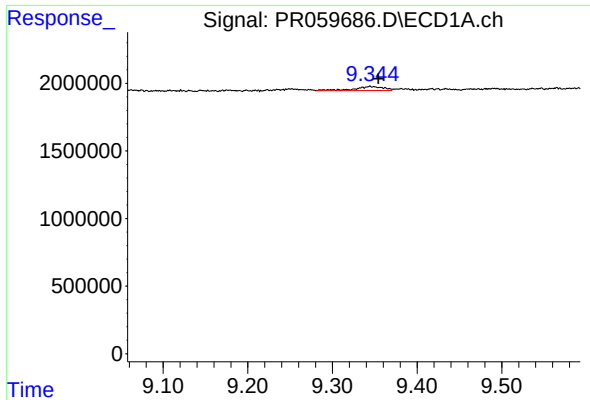
#44 AR-1268-4

R.T.: 8.953 min
Delta R.T.: -0.006 min
Response: 500946
Conc: 3.38 ng/ml



#44 AR-1268-4

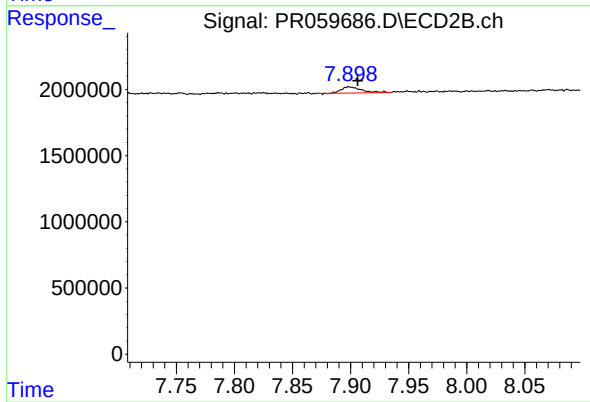
R.T.: 7.604 min
Delta R.T.: -0.007 min
Response: 597012
Conc: 2.40 ng/ml



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: -0.010 min
Response: 744346
Conc: 0.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.899 min
Delta R.T.: -0.007 min
Response: 586541
Conc: 0.30 ng/ml