

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
 Data File : PQ040362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 17:36
 Operator : SM\AJ
 Sample : K3078-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMT0

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 03:40:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 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...	5.592	4.732	42932923	32473390	13.106	15.120
2)	SA Decachlor...	11.896	10.451	171.0E6	102.7E6	23.938	24.702
Target Compounds							
3)	L1 AR-1016-1	7.045	6.197	3741306	506133	22.364	3.946 #
4)	L1 AR-1016-2	7.095	6.197	3803749	506133	14.468	2.622 #
5)	L1 AR-1016-3	7.169	6.399	3948528	3663018	23.134	33.964 #
6)	L1 AR-1016-4	7.285	6.465	1854654	2516761	13.418	29.557 #
7)	L1 AR-1016-5	7.631	6.722	8627829	5656610	62.194	49.128
9)	L2 AR-1221-2	5.988	5.148	809596	1489818	36.747	91.469 #
10)	L2 AR-1221-3	0.000	5.282	0	121444	N.D.	1.997 #
11)	L3 AR-1232-1	0.000	5.282	0	121444	N.D.	2.650 #
12)	L3 AR-1232-2	6.723	6.197	752093	506133	18.969	8.437 #
13)	L3 AR-1232-3	7.095	6.399	3803749	3663018	47.069	104.158 #
14)	L3 AR-1232-4	7.285	6.541	1854654	10061325	44.371	340.505 #
15)	L3 AR-1232-5	7.349	6.722	10337805	5656610	326.191	187.900 #
16)	L4 AR-1242-1	7.045	6.197	3741306	506133	38.588	6.844 #
17)	L4 AR-1242-2	7.095	6.197	3803749	506133	26.320	4.754 #
18)	L4 AR-1242-3	7.169	6.399	3948528	3663018	42.416	60.722 #
19)	L4 AR-1242-4	7.285	6.541	1854654	10061325	24.659	168.813 #
20)	L4 AR-1242-5	8.100	7.135	11579821	43956765	133.572	545.448 #
21)	L5 AR-1248-1	7.045	6.197	3741306	506133	48.336	8.783 #
22)	L5 AR-1248-2	7.349	6.465	10337805	2516761	91.784	28.626 #
23)	L5 AR-1248-3	7.631	6.541	8627829	10061325	62.508	111.195 #
24)	L5 AR-1248-4	8.071	6.722	13886120	5656610	91.980	51.224 #
25)	L5 AR-1248-5	8.100	7.172	11579821	12741560	76.912	112.225 #
26)	L6 AR-1254-1	8.027	7.135	157.1E6	43956765	900.644	229.496 #
27)	L6 AR-1254-2	8.246	7.292	42953318	9163500	155.317	52.746 #
28)	L6 AR-1254-3	8.631	7.739	23811339	7562611	80.231	26.170 #
29)	L6 AR-1254-4	8.930	7.990	7340556	5196292	35.320	29.103
30)	L6 AR-1254-5	9.370	8.434	5856706	4856190	20.336	18.849
31)	L7 AR-1260-1	8.798	7.873	2642846	7495104	7.951	27.341 #
32)	L7 AR-1260-2	9.068	8.083	21879478	3452378	54.162	9.980 #
33)	L7 AR-1260-3	9.434	8.248	2897901	-4428	8.784	N.D. #
34)	L7 AR-1260-4	9.679	8.742	2370953	1394083	6.433	5.131
35)	L7 AR-1260-5	10.023	8.997	3332470	3977389	4.328	5.917 #
36)	L8 AR-1262-1	9.575	8.526	670588	901429	4.824	7.939 #
37)	L8 AR-1262-2	10.023	8.997	3332470	3977389	5.758	8.017 #
38)	L8 AR-1262-3	10.368	9.288	2915012	351845	6.894	1.673 #
39)	L8 AR-1262-4	10.418	9.356	1973146	2554554	5.224	6.747 #
40)	L8 AR-1262-5	11.135	9.878	728469	1605835	3.100	9.904 #
41)	L9 AR-1268-1	10.368	9.288	2915012	351845	4.839	0.771 #
42)	L9 AR-1268-2	10.418	9.356	1973146	2554554	3.207	5.843 #
43)	L9 AR-1268-3	0.000	9.565	0	497007	N.D.	1.324 #

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 Response via : Initial Calibration
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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	11.135	9.878	728469	1605835	3.572	11.655 #
45) L9	AR-1268-5	11.561	10.184	2419099	1881374	1.309	1.594

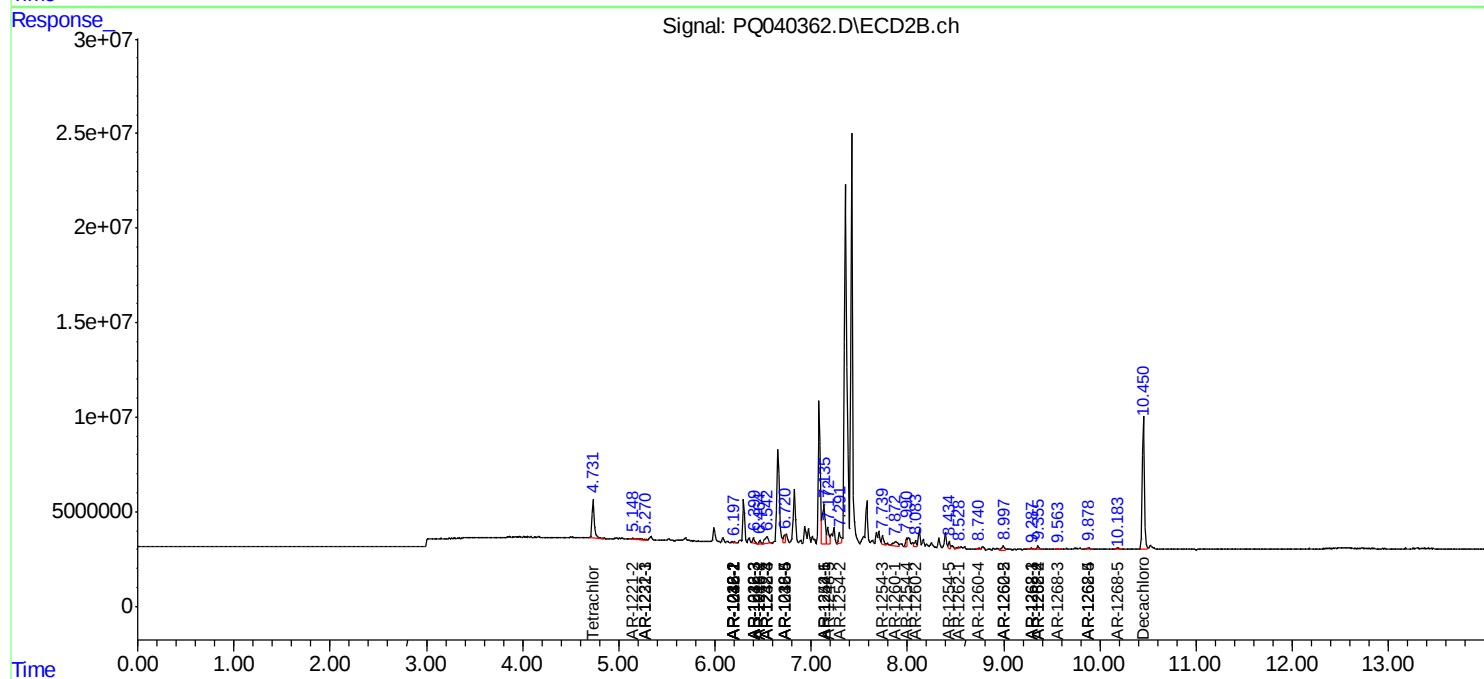
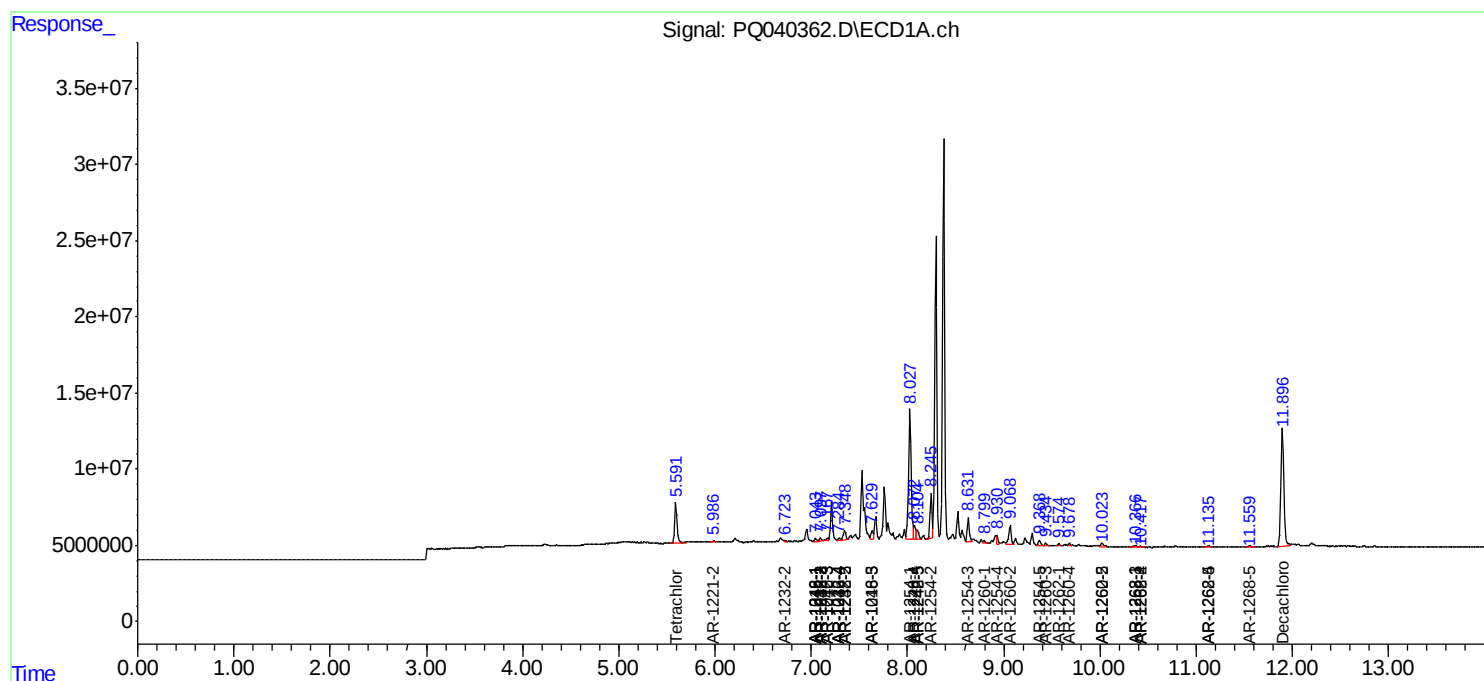
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

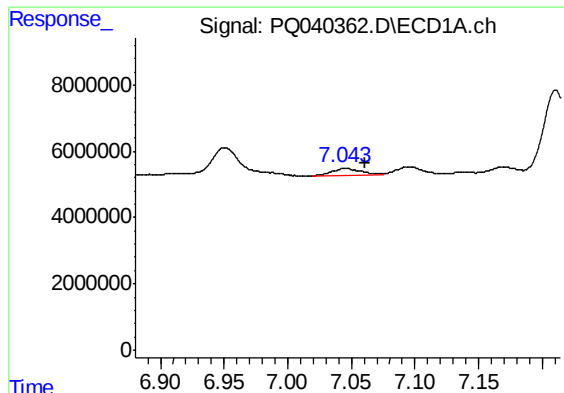
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
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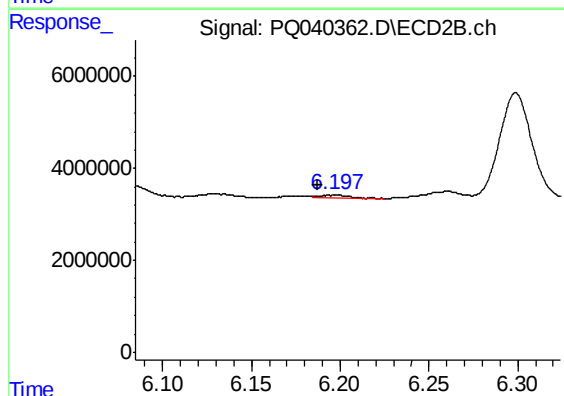




#3 AR-1016-1

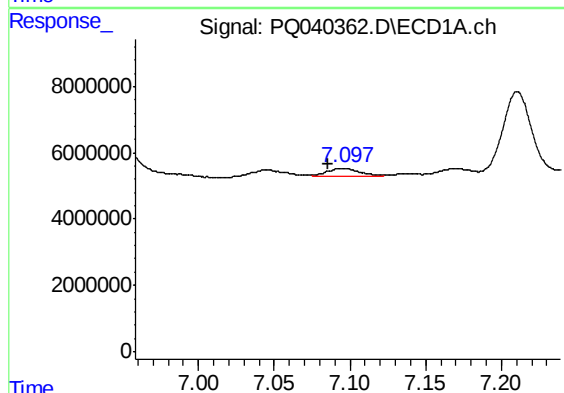
R.T.: 7.045 min
Delta R.T.: -0.016 min
Response: 3741306
Conc: 22.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



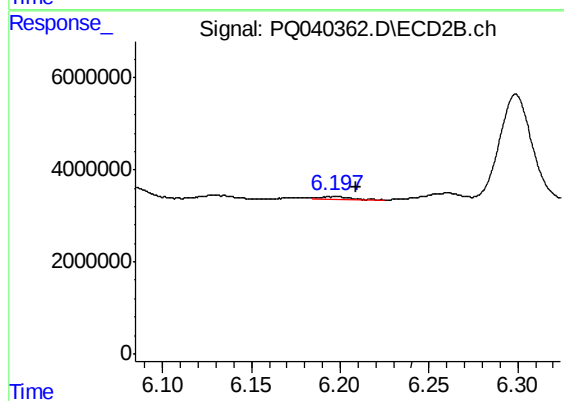
#3 AR-1016-1

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 506133
Conc: 3.95 ng/ml



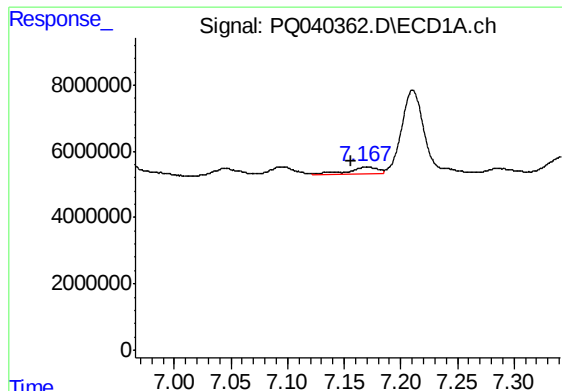
#4 AR-1016-2

R.T.: 7.095 min
Delta R.T.: 0.010 min
Response: 3803749
Conc: 14.47 ng/ml



#4 AR-1016-2

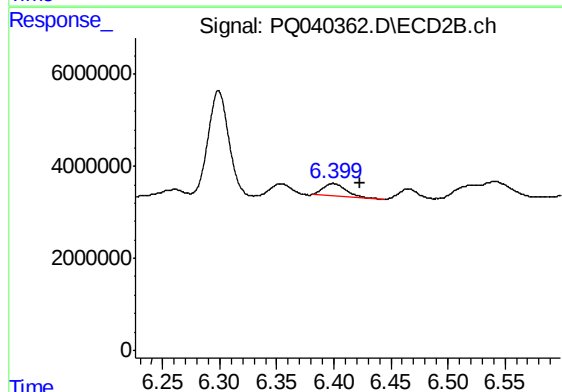
R.T.: 6.197 min
Delta R.T.: -0.013 min
Response: 506133
Conc: 2.62 ng/ml



#5 AR-1016-3

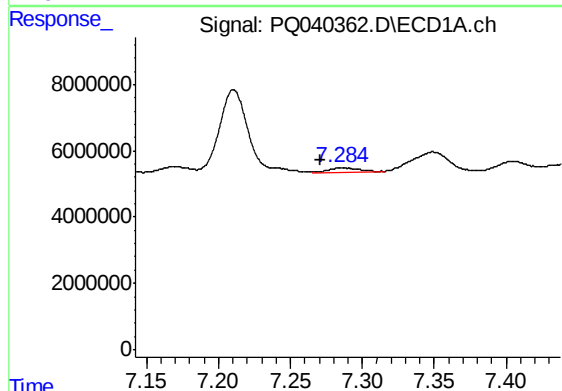
R.T.: 7.169 min
Delta R.T.: 0.013 min
Response: 3948528
Conc: 23.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



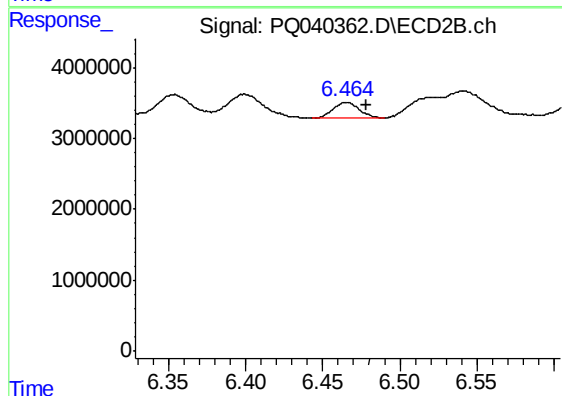
#5 AR-1016-3

R.T.: 6.399 min
Delta R.T.: -0.024 min
Response: 3663018
Conc: 33.96 ng/ml



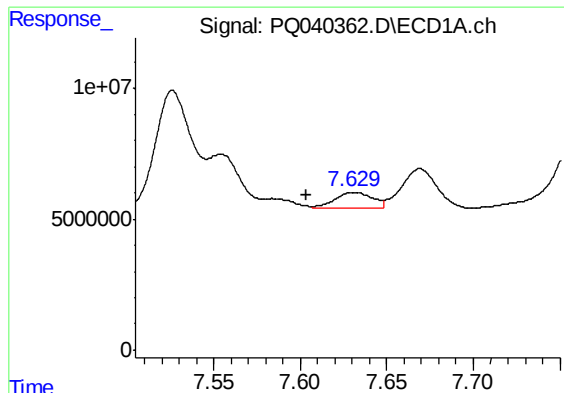
#6 AR-1016-4

R.T.: 7.285 min
Delta R.T.: 0.014 min
Response: 1854654
Conc: 13.42 ng/ml



#6 AR-1016-4

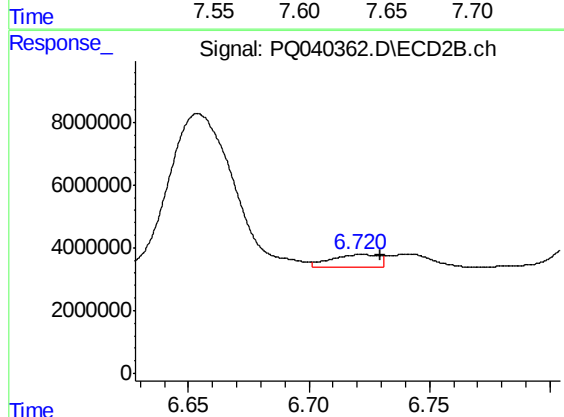
R.T.: 6.465 min
Delta R.T.: -0.013 min
Response: 2516761
Conc: 29.56 ng/ml



#7 AR-1016-5

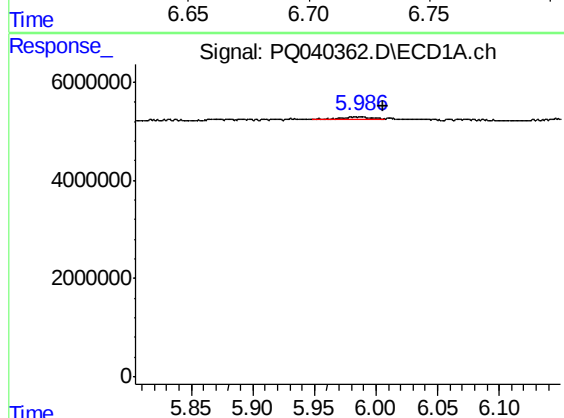
R.T.: 7.631 min
Delta R.T.: 0.027 min
Response: 8627829
Conc: 62.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



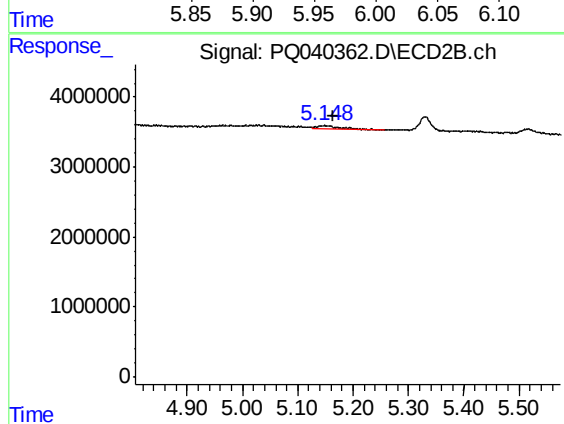
#7 AR-1016-5

R.T.: 6.722 min
Delta R.T.: -0.008 min
Response: 5656610
Conc: 49.13 ng/ml



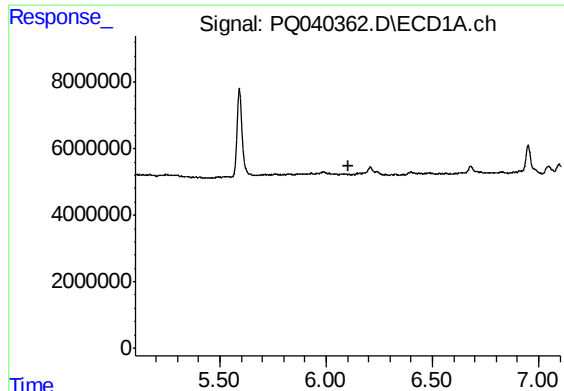
#9 AR-1221-2

R.T.: 5.988 min
Delta R.T.: -0.018 min
Response: 809596
Conc: 36.75 ng/ml



#9 AR-1221-2

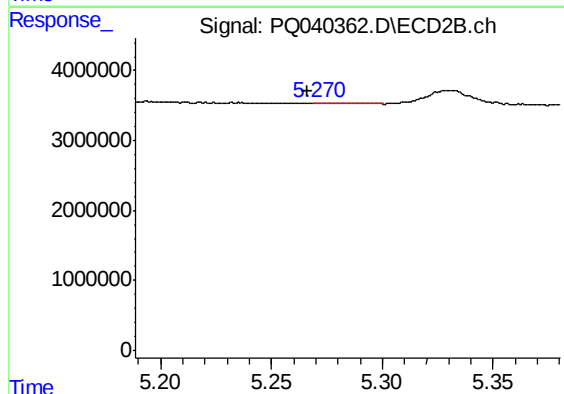
R.T.: 5.148 min
Delta R.T.: -0.015 min
Response: 1489818
Conc: 91.47 ng/ml



#10 AR-1221-3

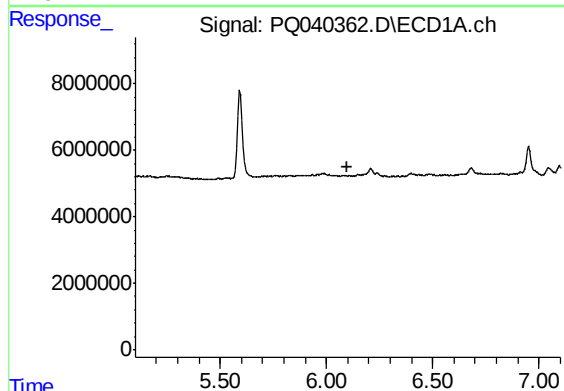
R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMT0



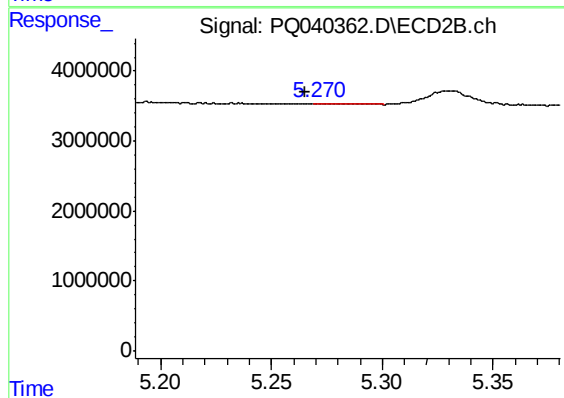
#10 AR-1221-3

R.T.: 5.282 min
Delta R.T.: 0.016 min
Response: 121444
Conc: 2.00 ng/ml



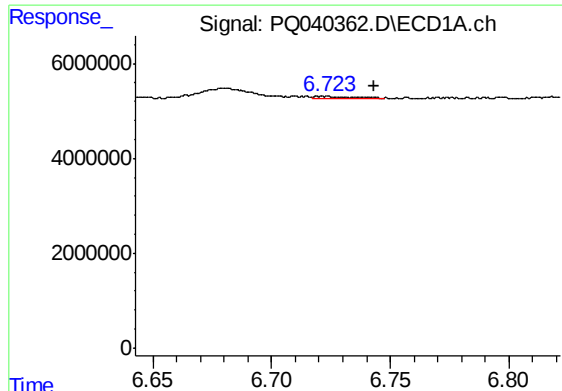
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.101 min
Response: 0
Conc: N.D.



#11 AR-1232-1

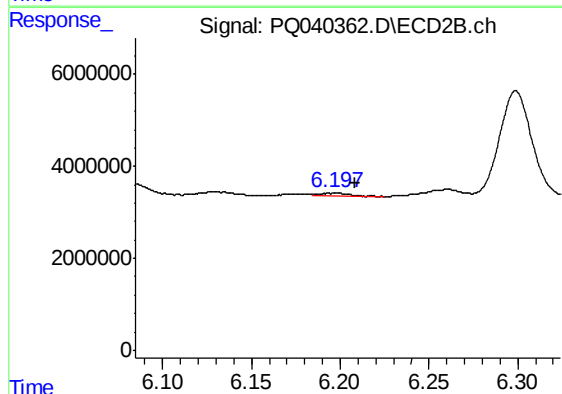
R.T.: 5.282 min
Delta R.T.: 0.017 min
Response: 121444
Conc: 2.65 ng/ml



#12 AR-1232-2

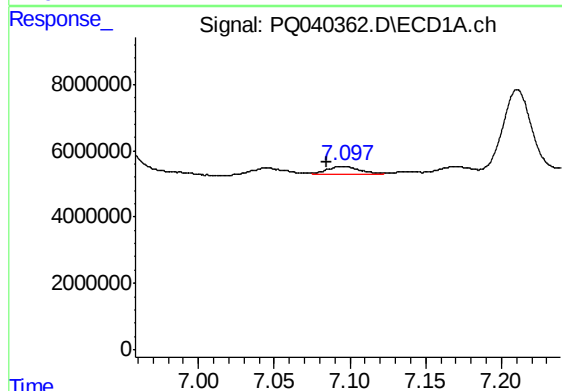
R.T.: 6.723 min
Delta R.T.: -0.020 min
Response: 752093
Conc: 18.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



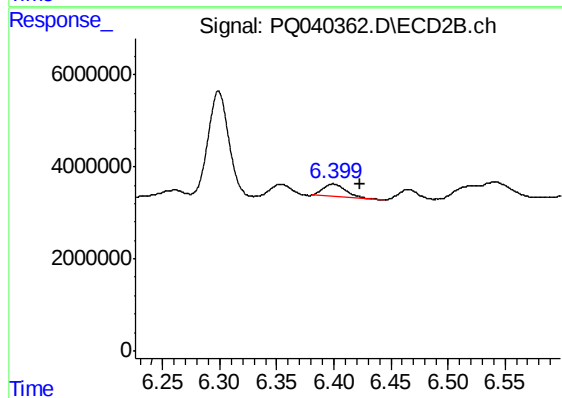
#12 AR-1232-2

R.T.: 6.197 min
Delta R.T.: -0.012 min
Response: 506133
Conc: 8.44 ng/ml



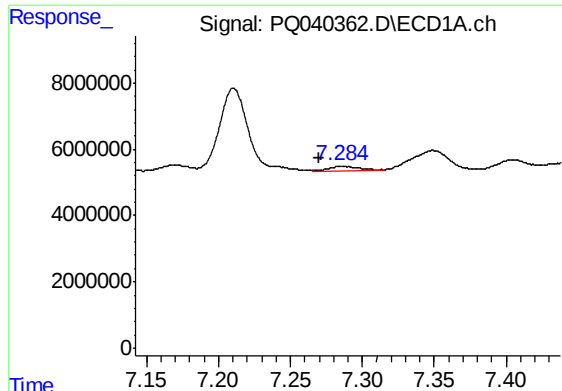
#13 AR-1232-3

R.T.: 7.095 min
Delta R.T.: 0.011 min
Response: 3803749
Conc: 47.07 ng/ml



#13 AR-1232-3

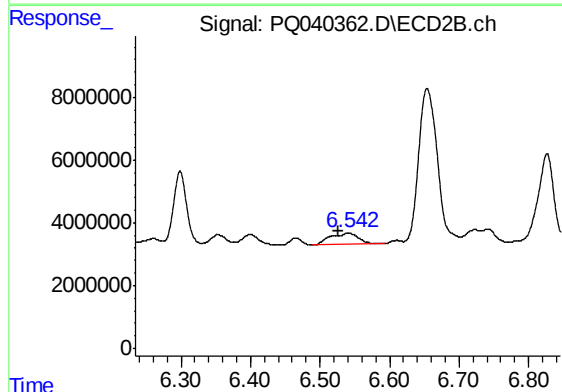
R.T.: 6.399 min
Delta R.T.: -0.023 min
Response: 3663018
Conc: 104.16 ng/ml



#14 AR-1232-4

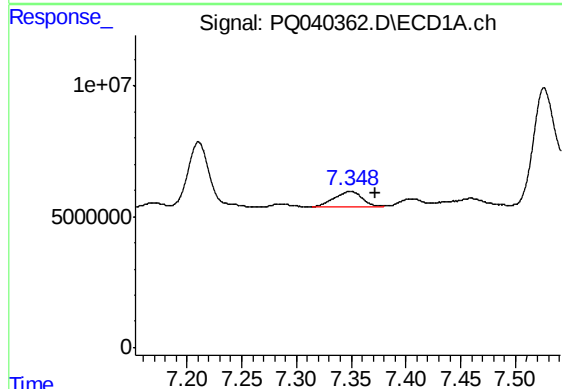
R.T.: 7.285 min
Delta R.T.: 0.015 min
Response: 1854654
Conc: 44.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



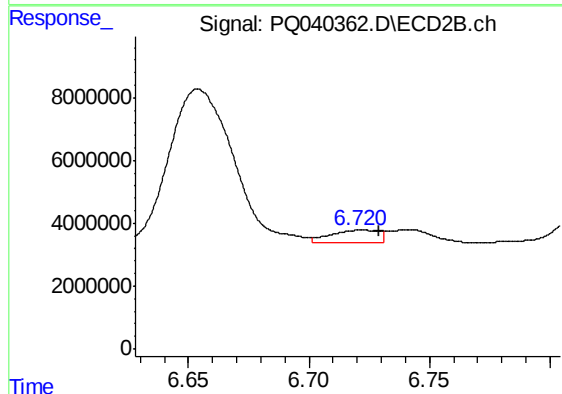
#14 AR-1232-4

R.T.: 6.541 min
Delta R.T.: 0.015 min
Response: 10061325
Conc: 340.50 ng/ml



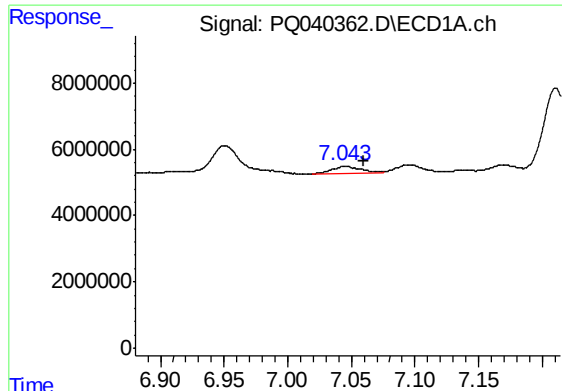
#15 AR-1232-5

R.T.: 7.349 min
Delta R.T.: -0.023 min
Response: 10337805
Conc: 326.19 ng/ml



#15 AR-1232-5

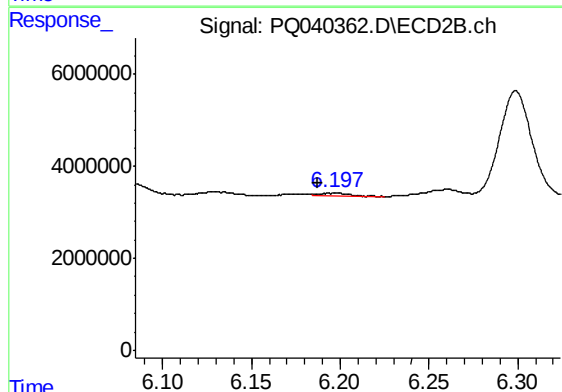
R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 5656610
Conc: 187.90 ng/ml



#16 AR-1242-1

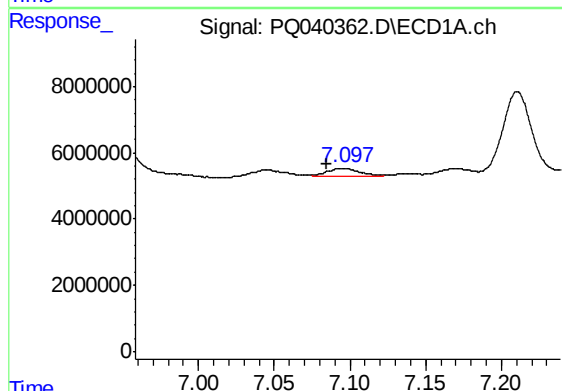
R.T.: 7.045 min
Delta R.T.: -0.015 min
Response: 3741306
Conc: 38.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



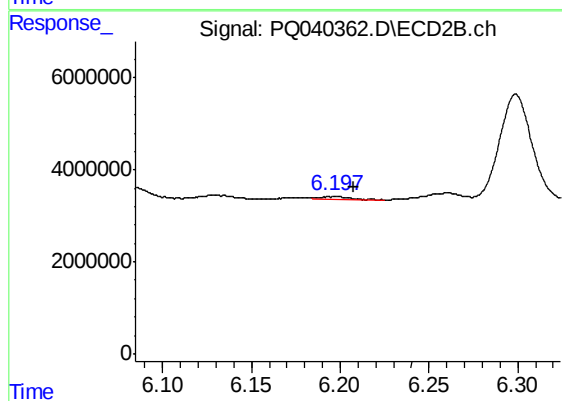
#16 AR-1242-1

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 506133
Conc: 6.84 ng/ml



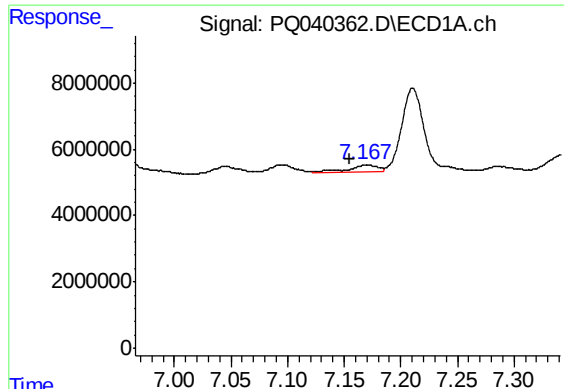
#17 AR-1242-2

R.T.: 7.095 min
Delta R.T.: 0.010 min
Response: 3803749
Conc: 26.32 ng/ml



#17 AR-1242-2

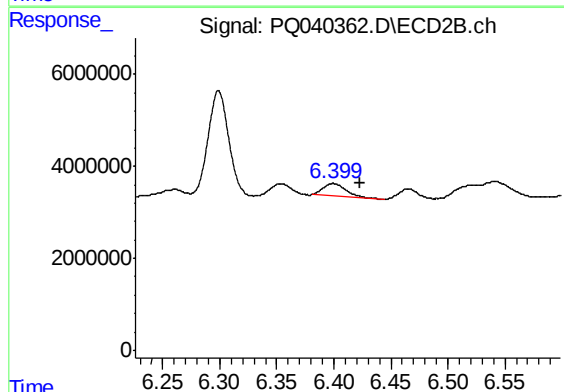
R.T.: 6.197 min
Delta R.T.: -0.011 min
Response: 506133
Conc: 4.75 ng/ml



#18 AR-1242-3

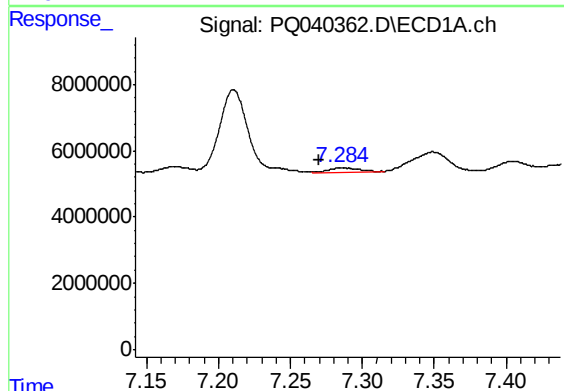
R.T.: 7.169 min
Delta R.T.: 0.014 min
Response: 3948528
Conc: 42.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



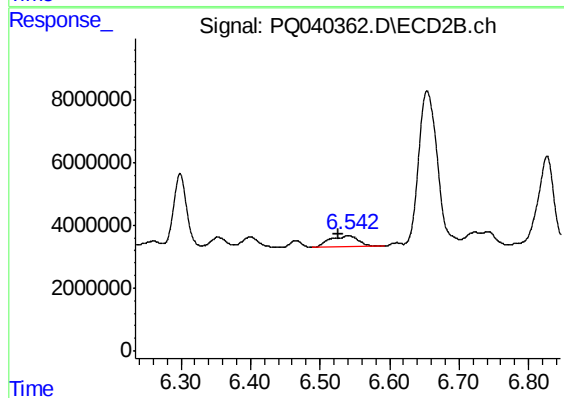
#18 AR-1242-3

R.T.: 6.399 min
Delta R.T.: -0.024 min
Response: 3663018
Conc: 60.72 ng/ml



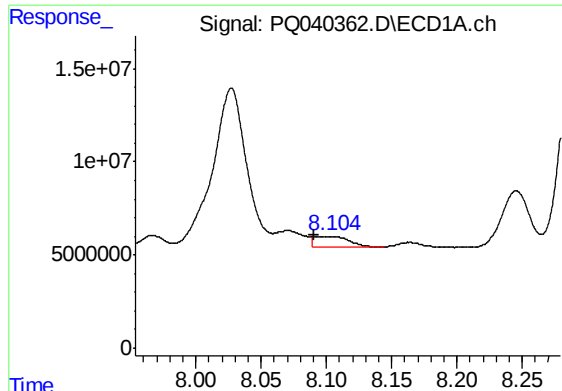
#19 AR-1242-4

R.T.: 7.285 min
Delta R.T.: 0.015 min
Response: 1854654
Conc: 24.66 ng/ml



#19 AR-1242-4

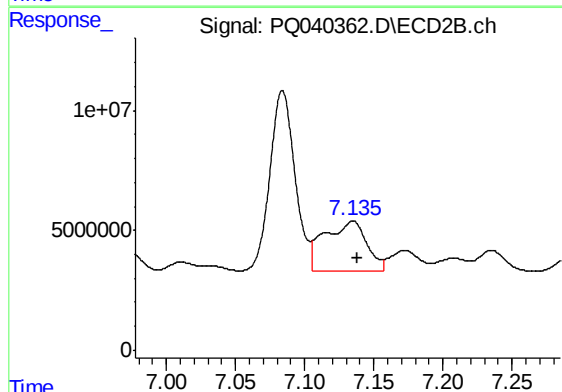
R.T.: 6.541 min
Delta R.T.: 0.015 min
Response: 10061325
Conc: 168.81 ng/ml



#20 AR-1242-5

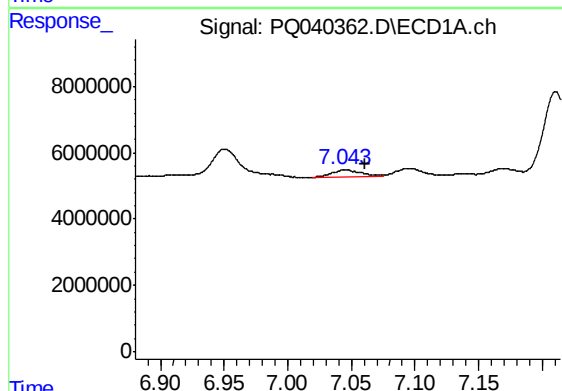
R.T.: 8.100 min
Delta R.T.: 0.010 min
Response: 11579821
Conc: 133.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



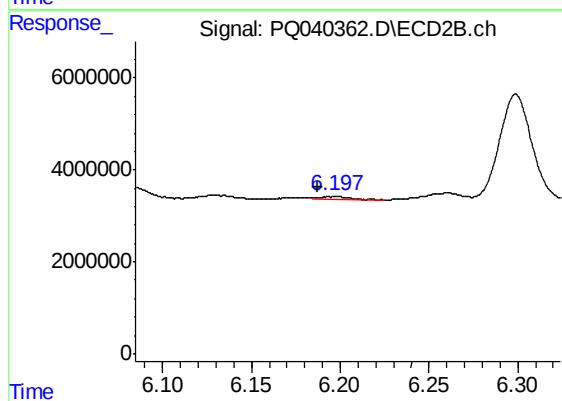
#20 AR-1242-5

R.T.: 7.135 min
Delta R.T.: -0.004 min
Response: 43956765
Conc: 545.45 ng/ml



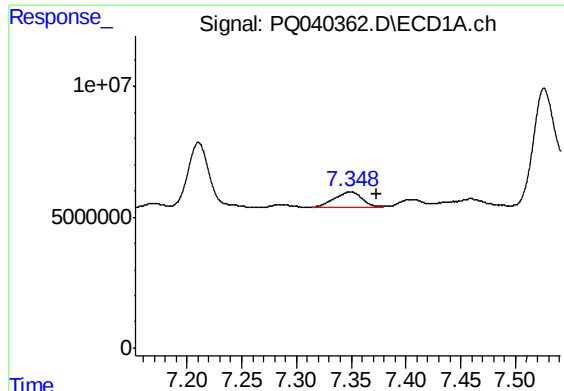
#21 AR-1248-1

R.T.: 7.045 min
Delta R.T.: -0.016 min
Response: 3741306
Conc: 48.34 ng/ml



#21 AR-1248-1

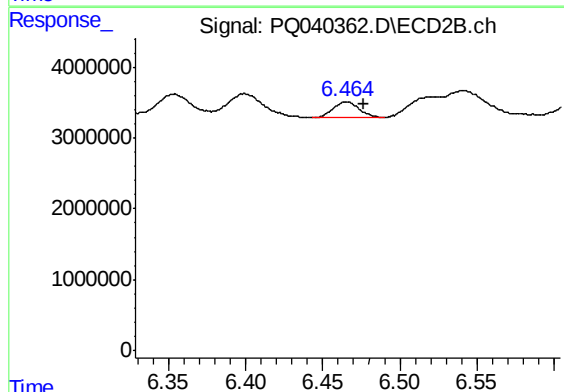
R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 506133
Conc: 8.78 ng/ml



#22 AR-1248-2

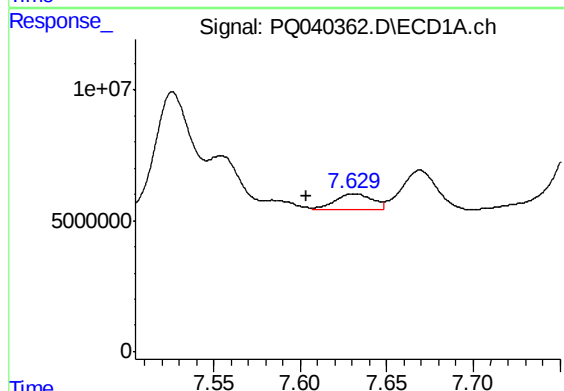
R.T.: 7.349 min
Delta R.T.: -0.025 min
Response: 10337805
Conc: 91.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



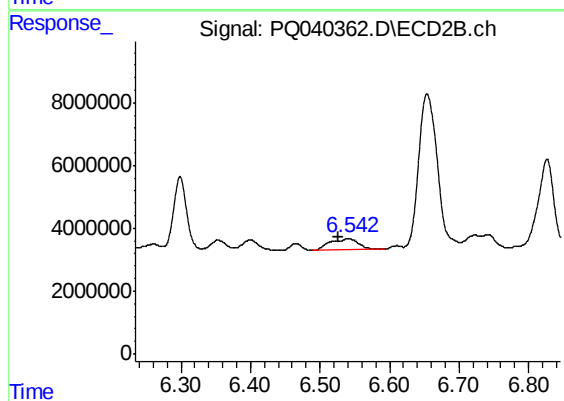
#22 AR-1248-2

R.T.: 6.465 min
Delta R.T.: -0.012 min
Response: 2516761
Conc: 28.63 ng/ml



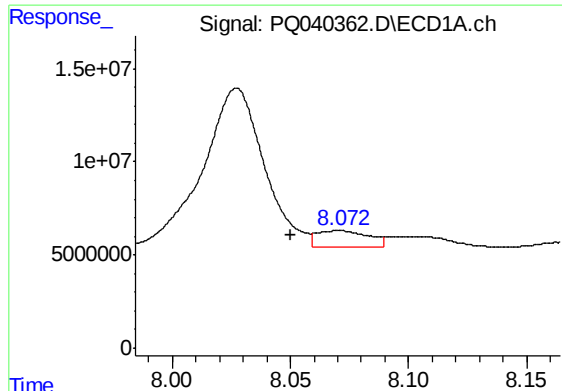
#23 AR-1248-3

R.T.: 7.631 min
Delta R.T.: 0.028 min
Response: 8627829
Conc: 62.51 ng/ml



#23 AR-1248-3

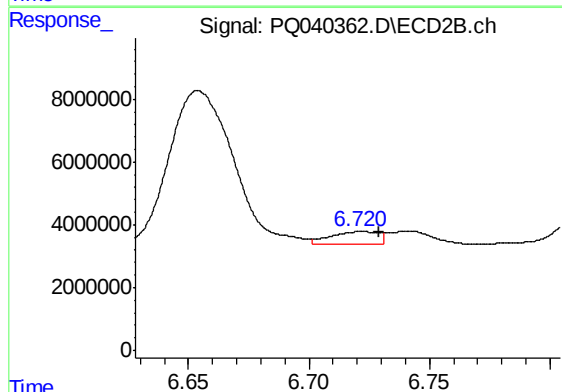
R.T.: 6.541 min
Delta R.T.: 0.015 min
Response: 10061325
Conc: 111.20 ng/ml



#24 AR-1248-4

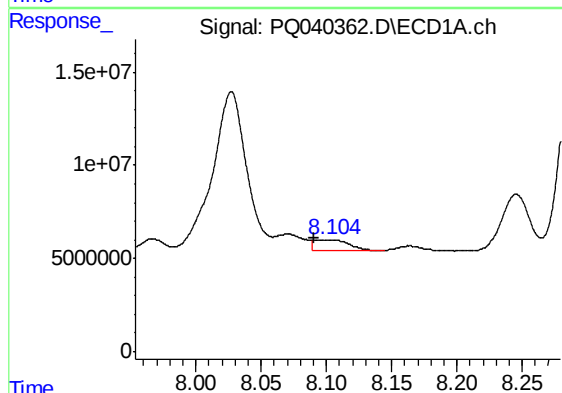
R.T.: 8.071 min
Delta R.T.: 0.020 min
Response: 13886120
Conc: 91.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



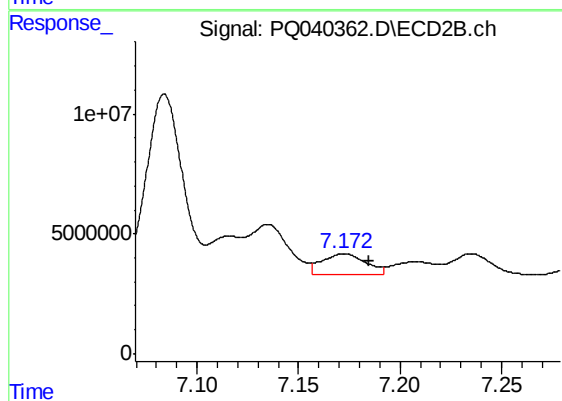
#24 AR-1248-4

R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 5656610
Conc: 51.22 ng/ml



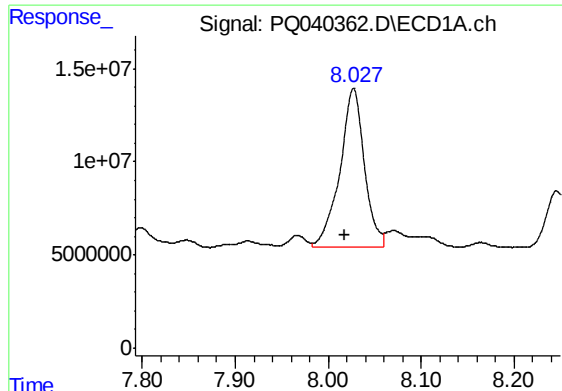
#25 AR-1248-5

R.T.: 8.100 min
Delta R.T.: 0.009 min
Response: 11579821
Conc: 76.91 ng/ml



#25 AR-1248-5

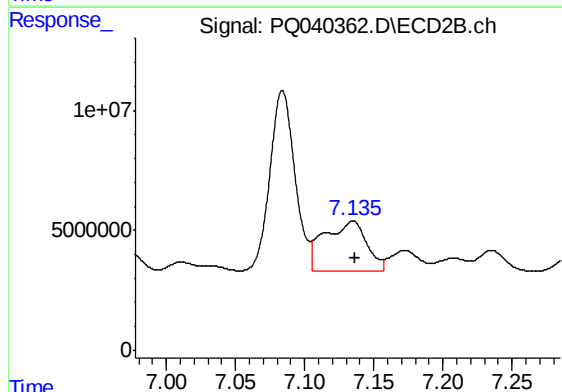
R.T.: 7.172 min
Delta R.T.: -0.012 min
Response: 12741560
Conc: 112.23 ng/ml



#26 AR-1254-1

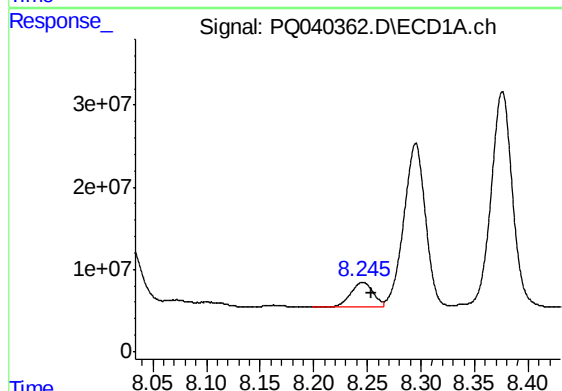
R.T.: 8.027 min
Delta R.T.: 0.010 min
Response: 157067068
Conc: 900.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



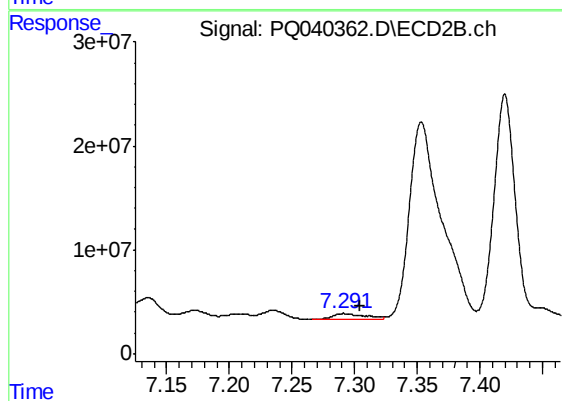
#26 AR-1254-1

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 43956765
Conc: 229.50 ng/ml



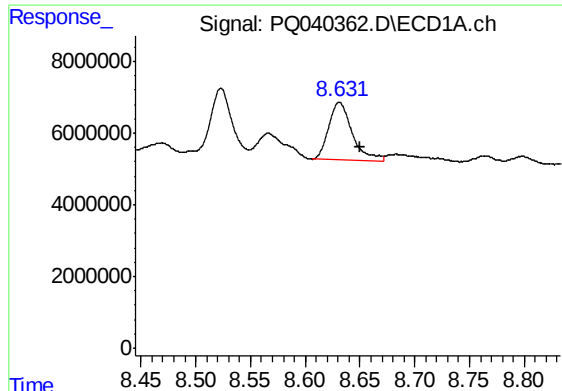
#27 AR-1254-2

R.T.: 8.246 min
Delta R.T.: -0.009 min
Response: 42953318
Conc: 155.32 ng/ml



#27 AR-1254-2

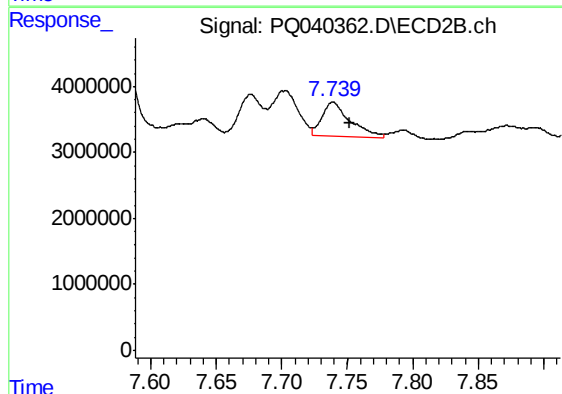
R.T.: 7.292 min
Delta R.T.: -0.012 min
Response: 9163500
Conc: 52.75 ng/ml



#28 AR-1254-3

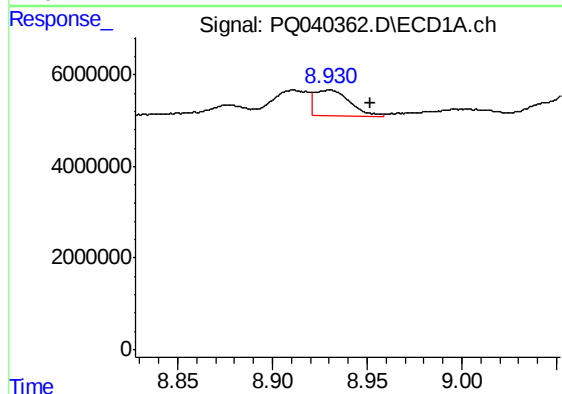
R.T.: 8.631 min
Delta R.T.: -0.019 min
Response: 23811339
Conc: 80.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



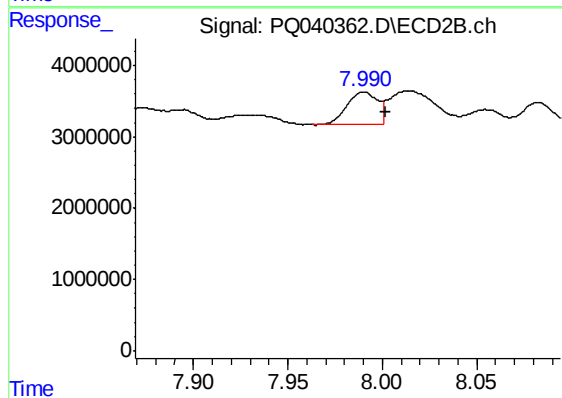
#28 AR-1254-3

R.T.: 7.739 min
Delta R.T.: -0.013 min
Response: 7562611
Conc: 26.17 ng/ml



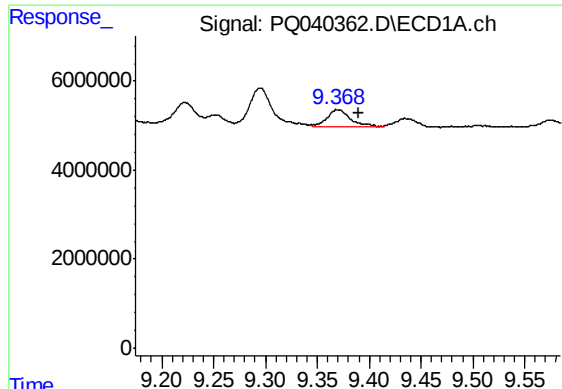
#29 AR-1254-4

R.T.: 8.930 min
Delta R.T.: -0.022 min
Response: 7340556
Conc: 35.32 ng/ml



#29 AR-1254-4

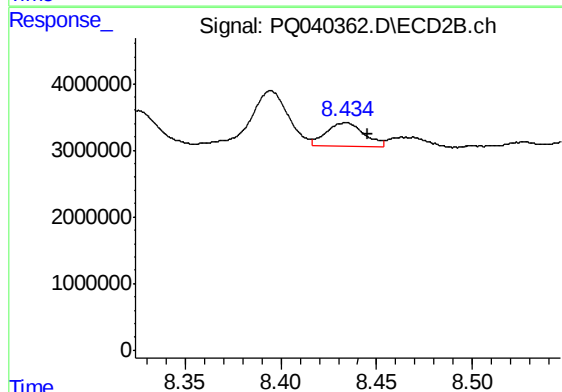
R.T.: 7.990 min
Delta R.T.: -0.011 min
Response: 5196292
Conc: 29.10 ng/ml



#30 AR-1254-5

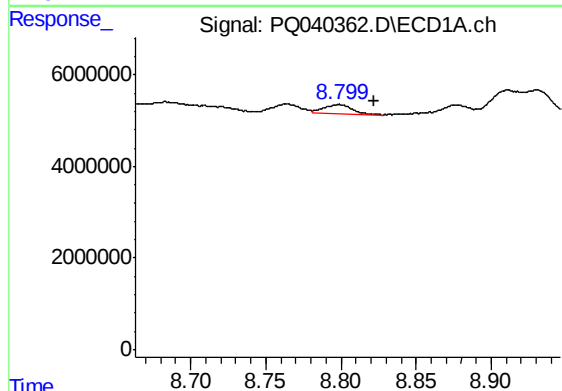
R.T.: 9.370 min
Delta R.T.: -0.020 min
Response: 5856706
Conc: 20.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



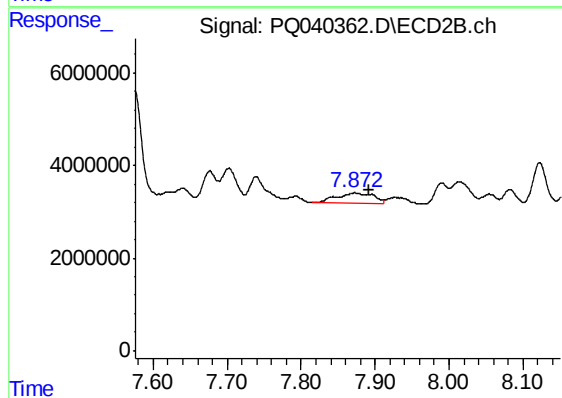
#30 AR-1254-5

R.T.: 8.434 min
Delta R.T.: -0.012 min
Response: 4856190
Conc: 18.85 ng/ml



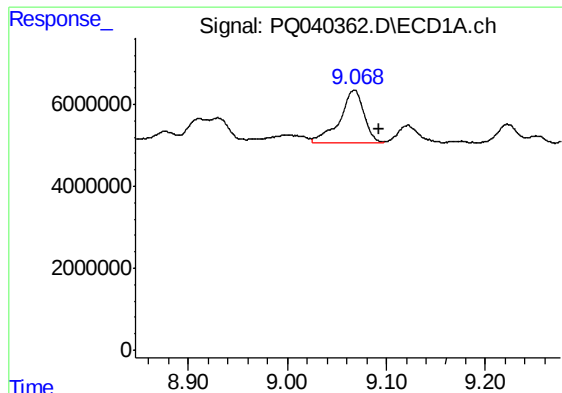
#31 AR-1260-1

R.T.: 8.798 min
Delta R.T.: -0.024 min
Response: 2642846
Conc: 7.95 ng/ml



#31 AR-1260-1

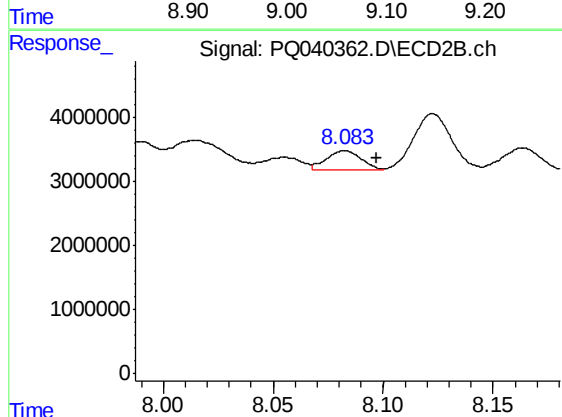
R.T.: 7.873 min
Delta R.T.: -0.020 min
Response: 7495104
Conc: 27.34 ng/ml



#32 AR-1260-2

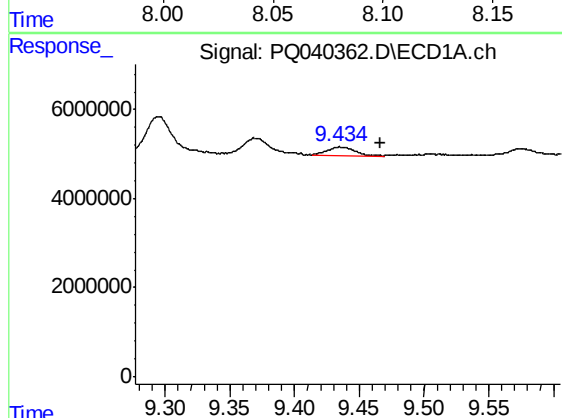
R.T.: 9.068 min
Delta R.T.: -0.025 min
Response: 21879478
Conc: 54.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



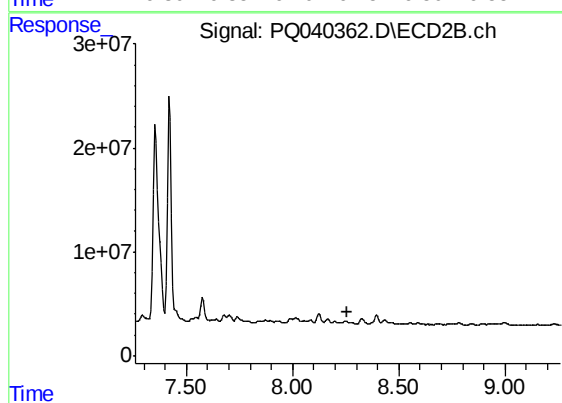
#32 AR-1260-2

R.T.: 8.083 min
Delta R.T.: -0.015 min
Response: 3452378
Conc: 9.98 ng/ml



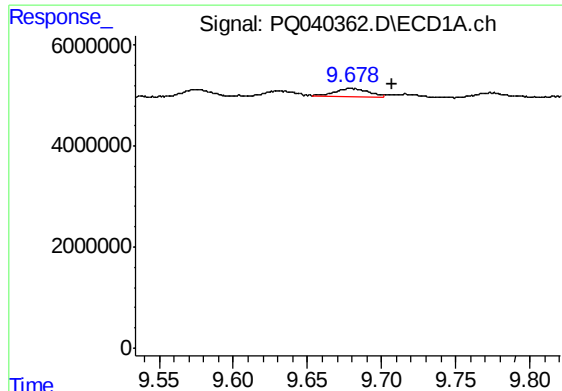
#33 AR-1260-3

R.T.: 9.434 min
Delta R.T.: -0.032 min
Response: 2897901
Conc: 8.78 ng/ml



#33 AR-1260-3

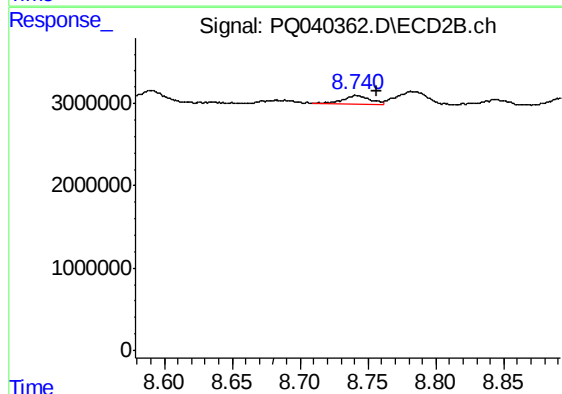
R.T.: 8.248 min
Delta R.T.: -0.012 min
Response: -4428
Conc: N.D.



#34 AR-1260-4

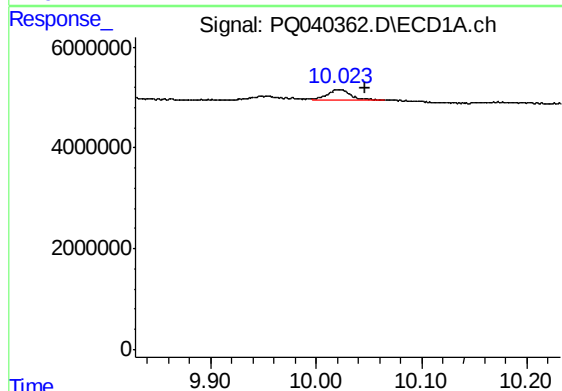
R.T.: 9.679 min
Delta R.T.: -0.028 min
Response: 2370953
Conc: 6.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



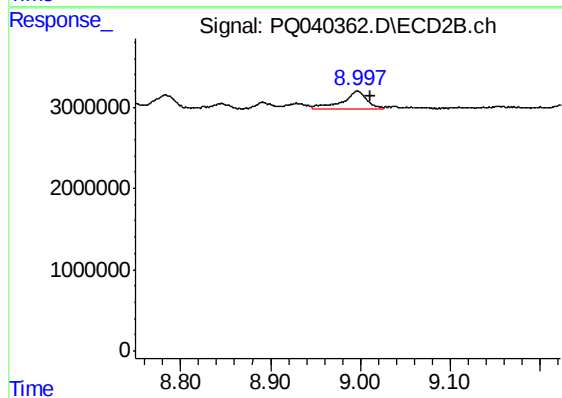
#34 AR-1260-4

R.T.: 8.742 min
Delta R.T.: -0.015 min
Response: 1394083
Conc: 5.13 ng/ml



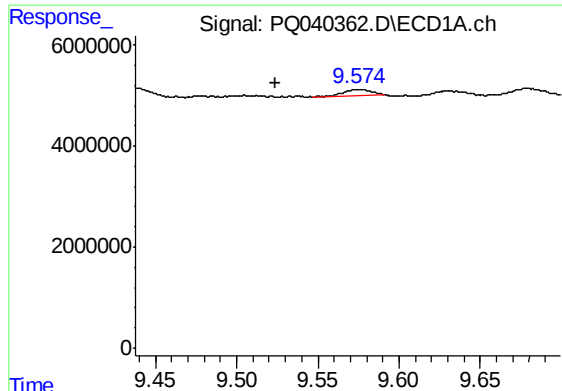
#35 AR-1260-5

R.T.: 10.023 min
Delta R.T.: -0.024 min
Response: 3332470
Conc: 4.33 ng/ml



#35 AR-1260-5

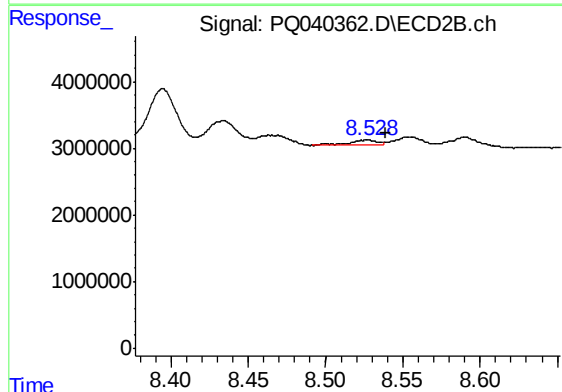
R.T.: 8.997 min
Delta R.T.: -0.014 min
Response: 3977389
Conc: 5.92 ng/ml



#36 AR-1262-1

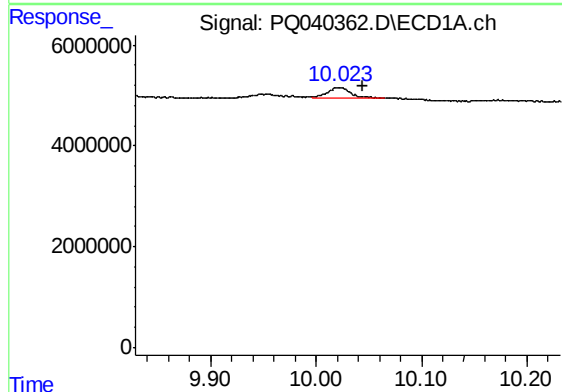
R.T.: 9.575 min
Delta R.T.: 0.051 min
Response: 670588
Conc: 4.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



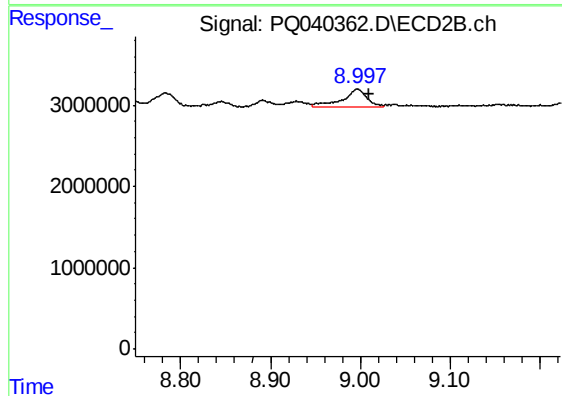
#36 AR-1262-1

R.T.: 8.526 min
Delta R.T.: -0.013 min
Response: 901429
Conc: 7.94 ng/ml



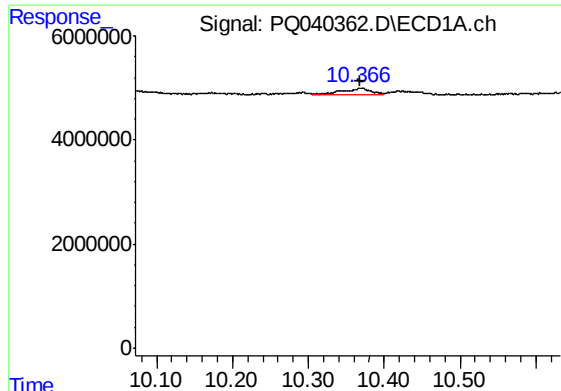
#37 AR-1262-2

R.T.: 10.023 min
Delta R.T.: -0.022 min
Response: 3332470
Conc: 5.76 ng/ml



#37 AR-1262-2

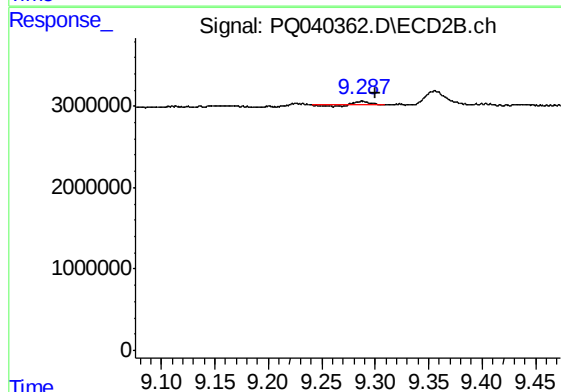
R.T.: 8.997 min
Delta R.T.: -0.013 min
Response: 3977389
Conc: 8.02 ng/ml



#38 AR-1262-3

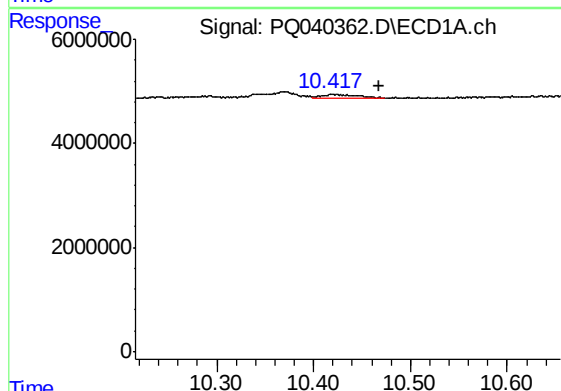
R.T.: 10.368 min
Delta R.T.: 0.000 min
Response: 2915012
Conc: 6.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



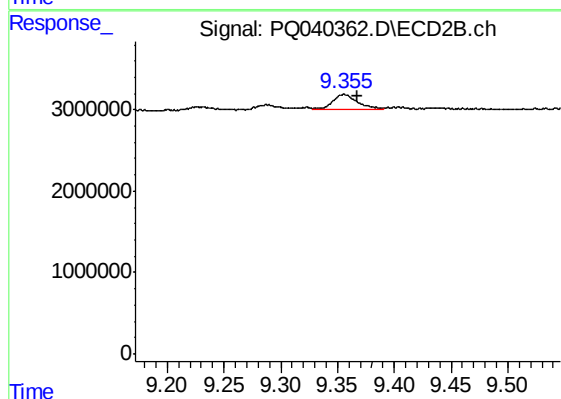
#38 AR-1262-3

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 351845
Conc: 1.67 ng/ml



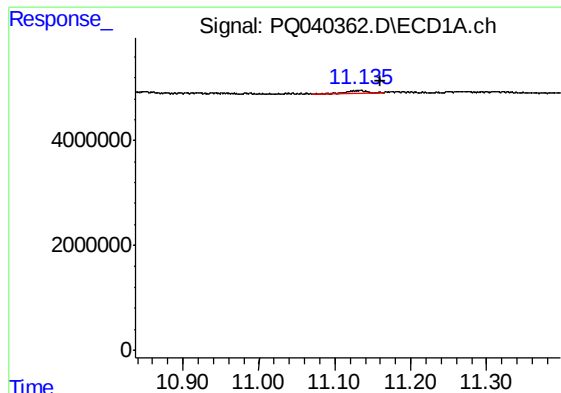
#39 AR-1262-4

R.T.: 10.418 min
Delta R.T.: -0.049 min
Response: 1973146
Conc: 5.22 ng/ml



#39 AR-1262-4

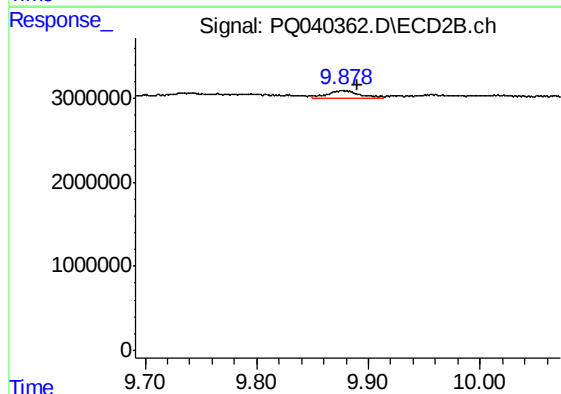
R.T.: 9.356 min
Delta R.T.: -0.013 min
Response: 2554554
Conc: 6.75 ng/ml



#40 AR-1262-5

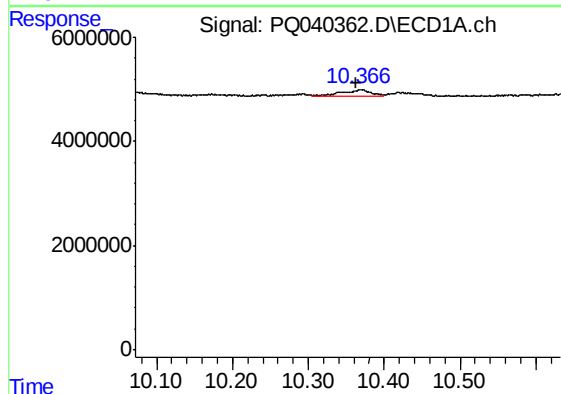
R.T.: 11.135 min
Delta R.T.: -0.025 min
Response: 728469
Conc: 3.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



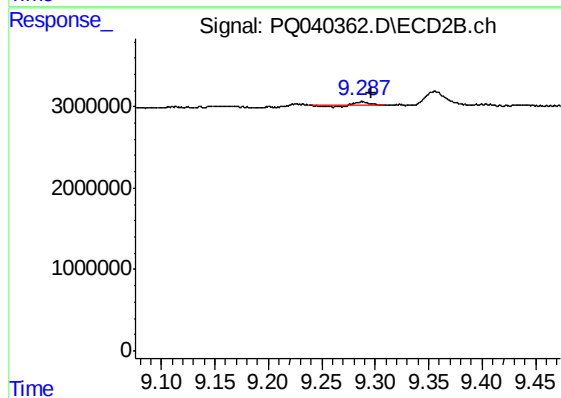
#40 AR-1262-5

R.T.: 9.878 min
Delta R.T.: -0.012 min
Response: 1605835
Conc: 9.90 ng/ml



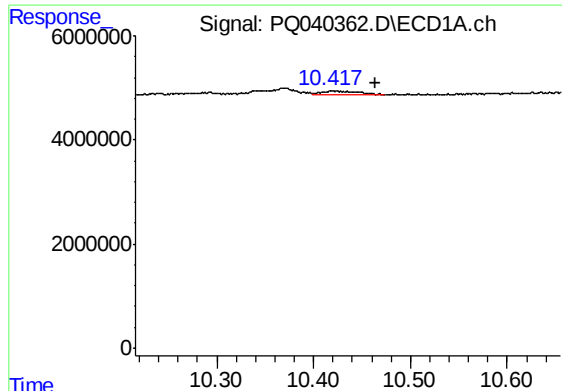
#41 AR-1268-1

R.T.: 10.368 min
Delta R.T.: 0.004 min
Response: 2915012
Conc: 4.84 ng/ml



#41 AR-1268-1

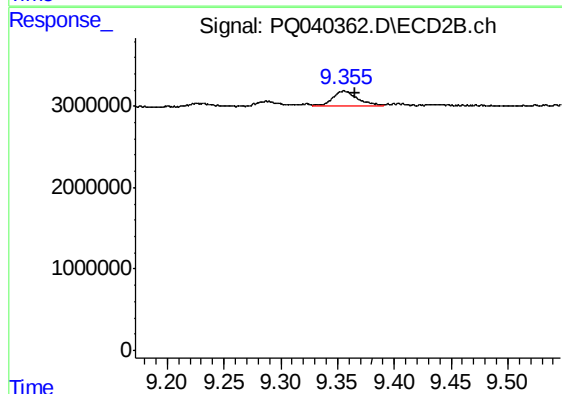
R.T.: 9.288 min
Delta R.T.: -0.009 min
Response: 351845
Conc: 0.77 ng/ml



#42 AR-1268-2

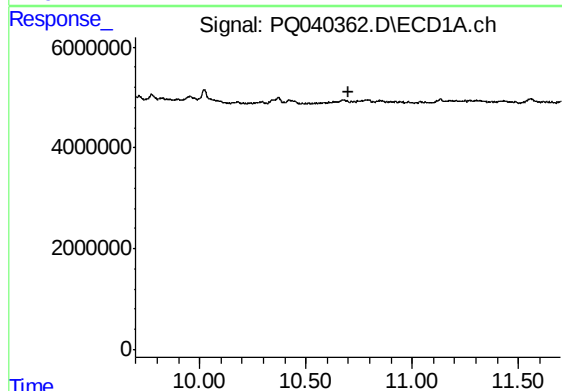
R.T.: 10.418 min
Delta R.T.: -0.046 min
Response: 1973146
Conc: 3.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



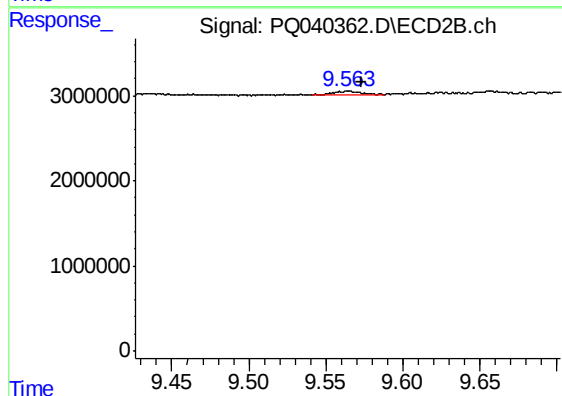
#42 AR-1268-2

R.T.: 9.356 min
Delta R.T.: -0.010 min
Response: 2554554
Conc: 5.84 ng/ml



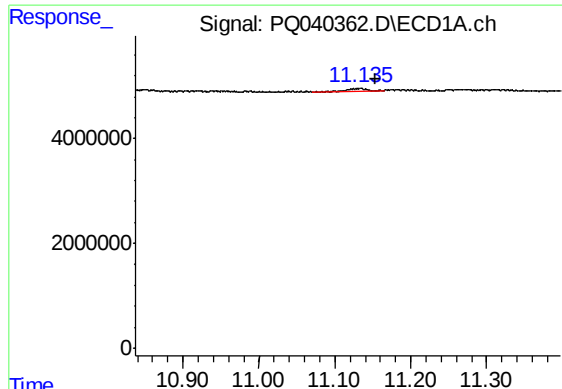
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.698 min
Response: 0
Conc: N.D.



#43 AR-1268-3

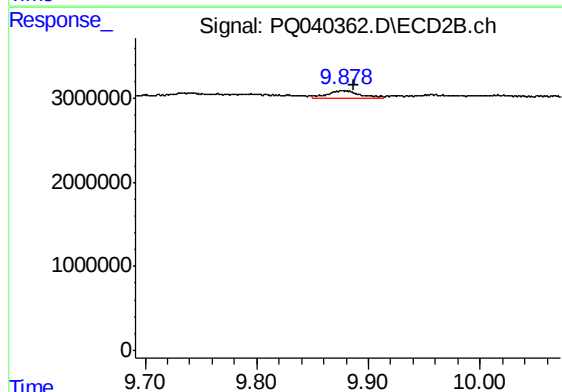
R.T.: 9.565 min
Delta R.T.: -0.009 min
Response: 497007
Conc: 1.32 ng/ml



#44 AR-1268-4

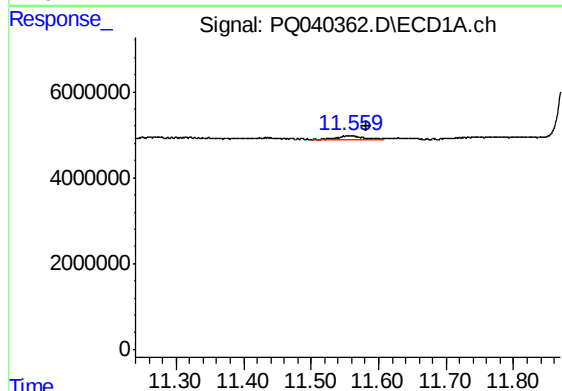
R.T.: 11.135 min
Delta R.T.: -0.019 min
Response: 728469
Conc: 3.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT0



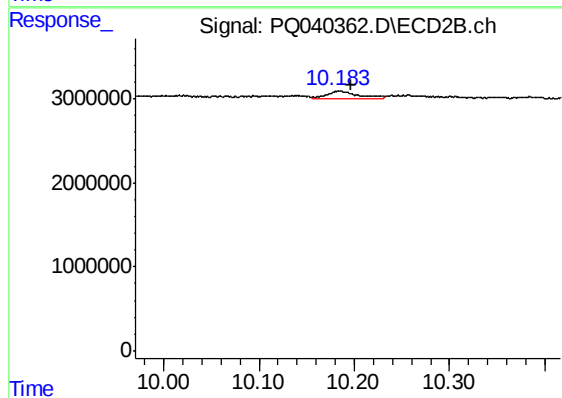
#44 AR-1268-4

R.T.: 9.878 min
Delta R.T.: -0.009 min
Response: 1605835
Conc: 11.65 ng/ml



#45 AR-1268-5

R.T.: 11.561 min
Delta R.T.: -0.021 min
Response: 2419099
Conc: 1.31 ng/ml



#45 AR-1268-5

R.T.: 10.184 min
Delta R.T.: -0.012 min
Response: 1881374
Conc: 1.59 ng/ml