

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030619\
 Data File : PQ037820.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2019 13:45
 Operator : SM\SJ
 Sample : K1657-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 DB649

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 23:50:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 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...	4.209	3.647	74127773	38372847	13.031	14.568
2) SA Decachlor...	9.657	8.531	37380858	46175191	7.401	19.903 #
Target Compounds						
3) L1 AR-1016-1	5.375	4.701	924737	12056805	3.200	78.149 #
4) L1 AR-1016-2	5.375	4.701	924737	12056805	2.069	50.227 #
5) L1 AR-1016-3	0.000	4.936	0	13743605	N.D.	112.867 #
6) L1 AR-1016-4	0.000	4.936	0	13743605	N.D.	147.157 #
7) L1 AR-1016-5	5.796	0.000	3060500	0	14.238	N.D. #
8) L2 AR-1221-1	4.511	0.000	3535803	0	56.428	N.D. #
9) L2 AR-1221-2	4.511	3.946	3535803	2874601	80.293	119.852 #
10) L2 AR-1221-3	4.567	3.982	16507800	8671583	107.397	102.542
11) L3 AR-1232-1	4.567	3.982	16507800	8671583	144.650	140.085
12) L3 AR-1232-2	5.187	4.701	9143559	12056805	156.401	175.467
13) L3 AR-1232-3	5.375	4.936	924737	13743605	7.403	394.655 #
14) L3 AR-1232-4	0.000	5.002	0	3223401	N.D.	109.321 #
15) L3 AR-1232-5	5.699	0.000	7484517	0	164.109	N.D. #
16) L4 AR-1242-1	5.375	4.701	924737	12056805	5.637	134.222 #
17) L4 AR-1242-2	5.375	4.701	924737	12056805	3.669	88.416 #
18) L4 AR-1242-3	0.000	4.936	0	13743605	N.D.	194.858 #
19) L4 AR-1242-4	0.000	5.002	0	3223401	N.D.	46.979 #
20) L4 AR-1242-5	6.211	5.488	2072763	2778154	14.936	31.776 #
21) L5 AR-1248-1	5.375	4.701	924737	12056805	7.857	180.739 #
22) L5 AR-1248-2	5.699	4.936	7484517	13743605	43.627	152.028 #
23) L5 AR-1248-3	5.796	5.002	3060500	3223401	15.753	34.926 #
24) L5 AR-1248-4	6.211	0.000	2072763	0	9.116	N.D. #
25) L5 AR-1248-5	6.211	5.488	2072763	2778154	9.598	25.304 #
26) L6 AR-1254-1	6.211	5.488	2072763	2778154	9.787	16.755 #
27) L6 AR-1254-2	6.443	5.632	3435295	1899505	10.244	13.338 #
28) L6 AR-1254-3	6.760	6.029	3461891	8737445	9.975	38.295 #
29) L6 AR-1254-4	7.043	6.255	7288786	11920091	26.337	69.408 #
30) L6 AR-1254-5	7.485	6.663	1471597	8302639	5.324	42.879 #
31) L7 AR-1260-1	6.914	6.180	2631547	4300021	5.923	16.960 #
32) L7 AR-1260-2	7.218	6.339	3544527	10870013	6.130	35.364 #
33) L7 AR-1260-3	7.586	6.492	2307355	4259549	5.165	15.000 #
34) L7 AR-1260-4	7.749	0.000	1886918	0	4.308	N.D. #
35) L7 AR-1260-5	8.053	7.194	2118439	6859911	2.113	12.993 #
36) L8 AR-1262-1	7.586	6.749	2307355	1305249	5.777	6.237
37) L8 AR-1262-2	8.053	7.194	2118439	6859911	3.058	18.518 #
38) L8 AR-1262-3	8.369	0.000	2333237	0	7.792	N.D. #
39) L8 AR-1262-4	0.000	7.581	0	3785543	N.D.	14.195 #
41) L9 AR-1268-1	8.369	0.000	2333237	0	1.740	N.D. #
42) L9 AR-1268-2	0.000	7.581	0	3785543	N.D.	6.330 #

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 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	0.000	7.728	0	2186571	N.D.	4.392 #
45) L9	AR-1268-5	9.375	0.000	2515581	0	0.774	N.D. #

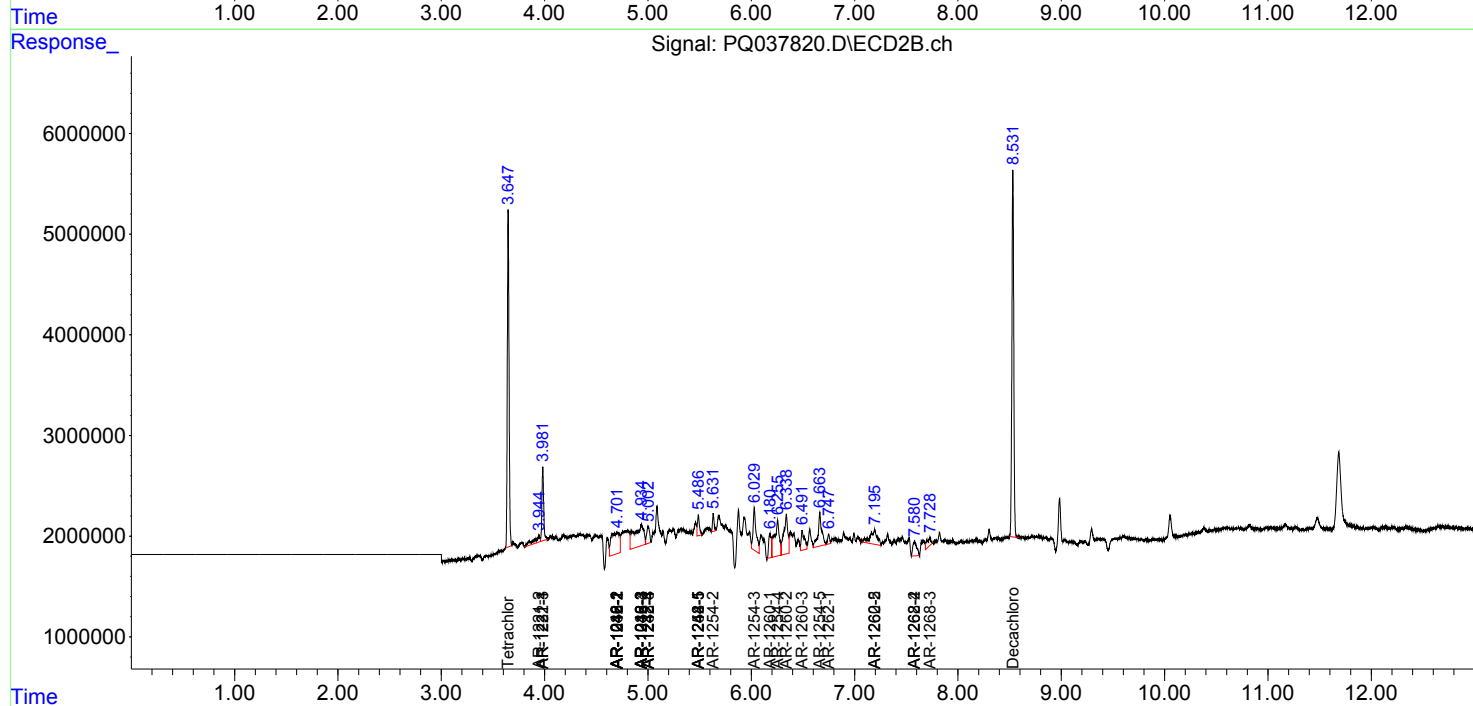
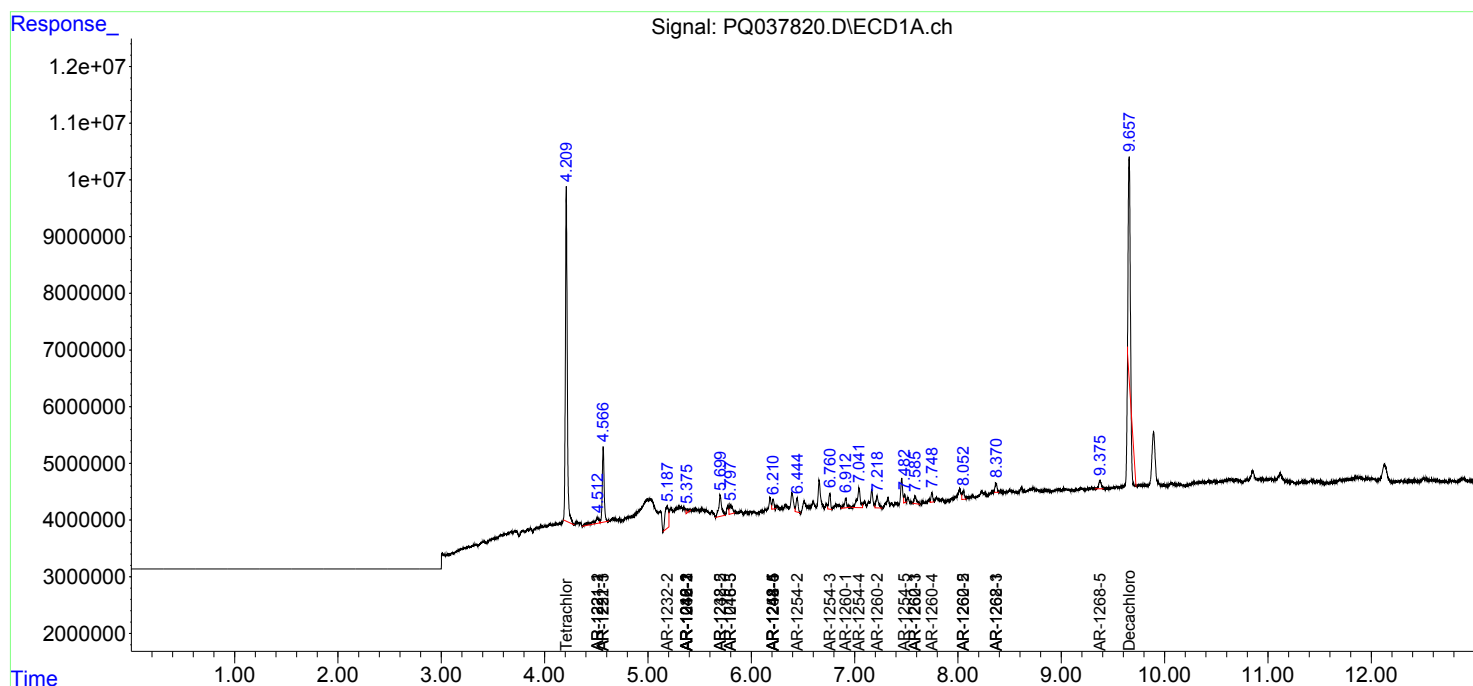
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

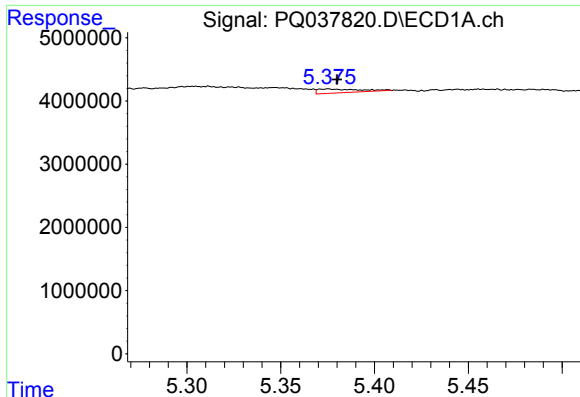
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030619\
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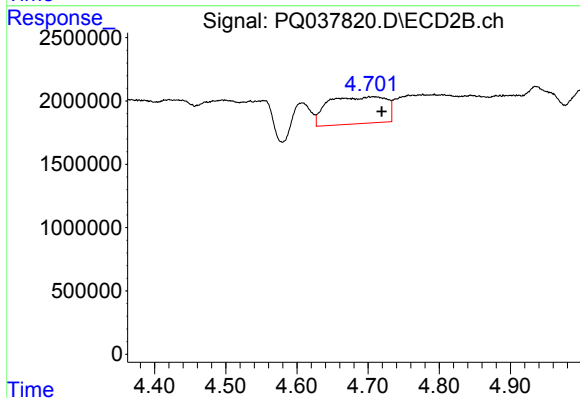




#3 AR-1016-1

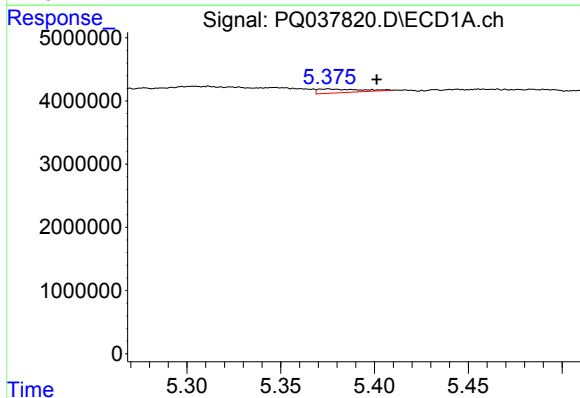
R.T.: 5.375 min
Delta R.T.: -0.005 min
Response: 924737
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



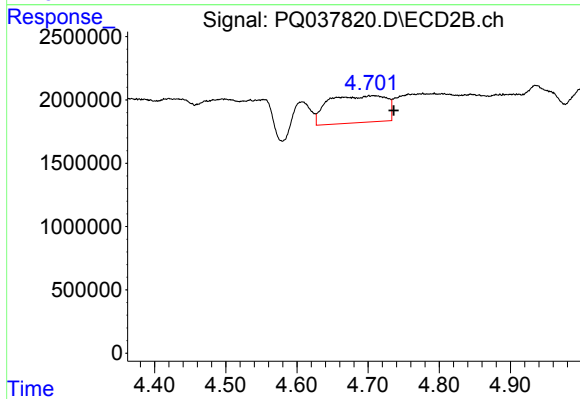
#3 AR-1016-1

R.T.: 4.701 min
Delta R.T.: -0.018 min
Response: 12056805
Conc: 78.15 ng/ml



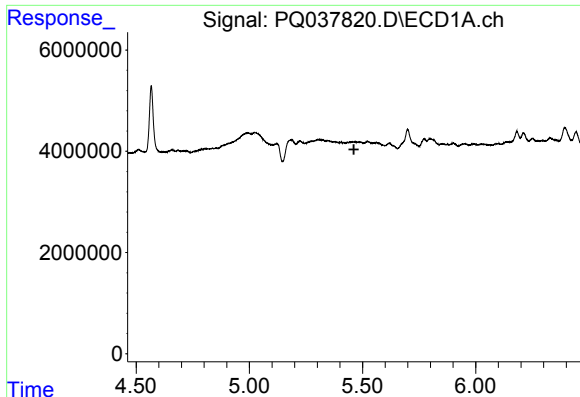
#4 AR-1016-2

R.T.: 5.375 min
Delta R.T.: -0.026 min
Response: 924737
Conc: 2.07 ng/ml



#4 AR-1016-2

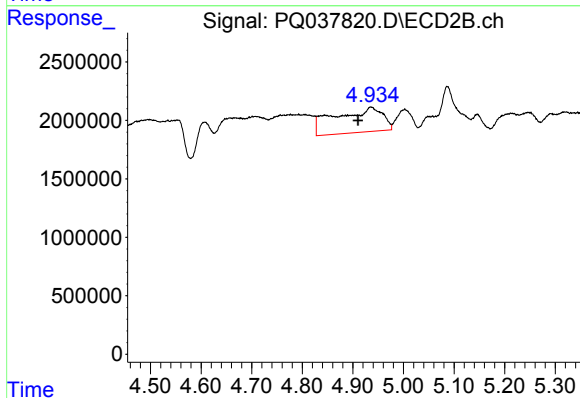
R.T.: 4.701 min
Delta R.T.: -0.035 min
Response: 12056805
Conc: 50.23 ng/ml



#5 AR-1016-3

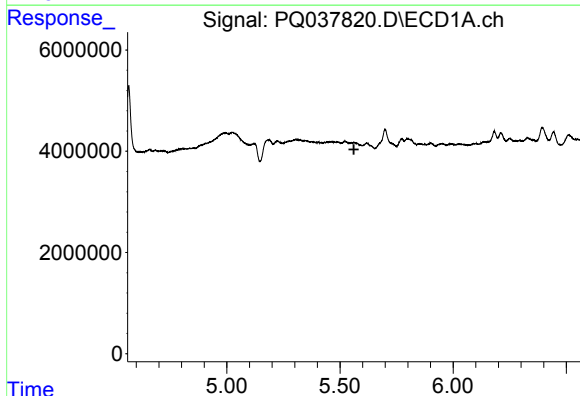
R.T.: 0.000 min
Exp R.T.: 5.462 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DB649



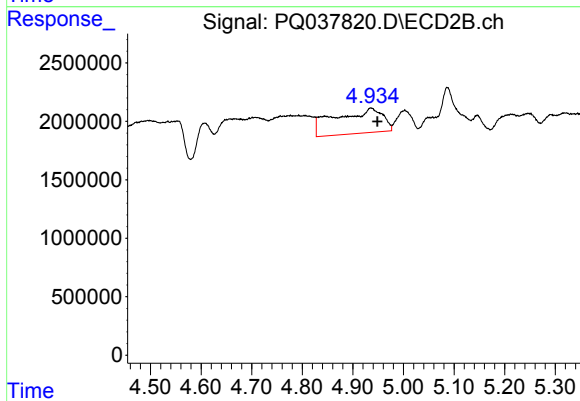
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: 0.025 min
Response: 13743605
Conc: 112.87 ng/ml



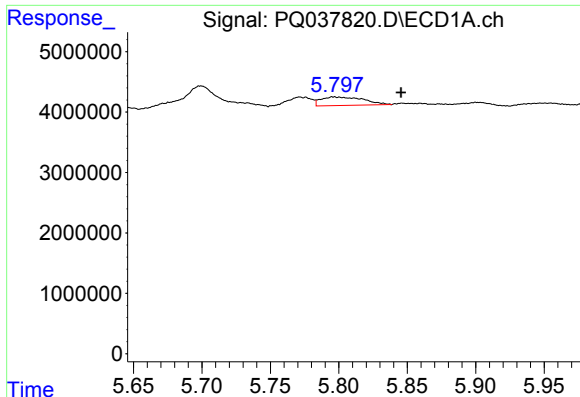
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.561 min
Response: 0
Conc: N.D.



#6 AR-1016-4

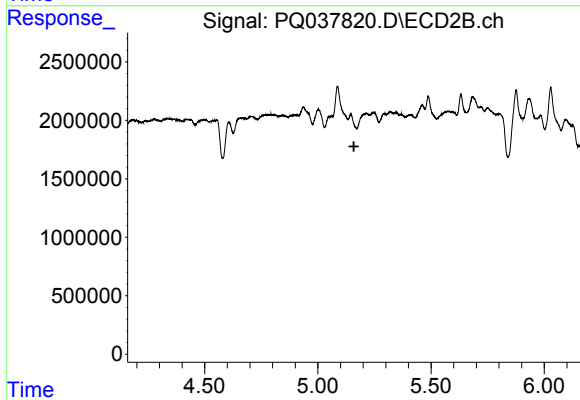
R.T.: 4.936 min
Delta R.T.: -0.013 min
Response: 13743605
Conc: 147.16 ng/ml



#7 AR-1016-5

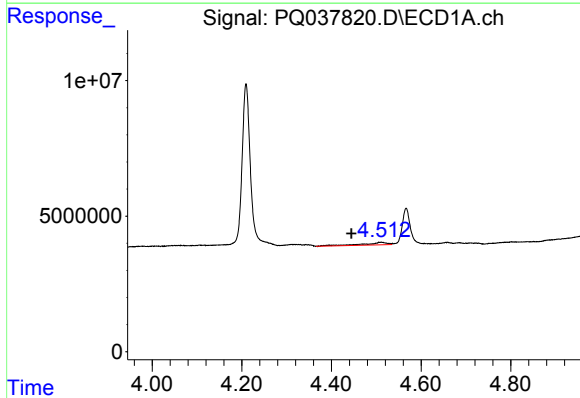
R.T.: 5.796 min
Delta R.T.: -0.049 min
Response: 3060500
Conc: 14.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



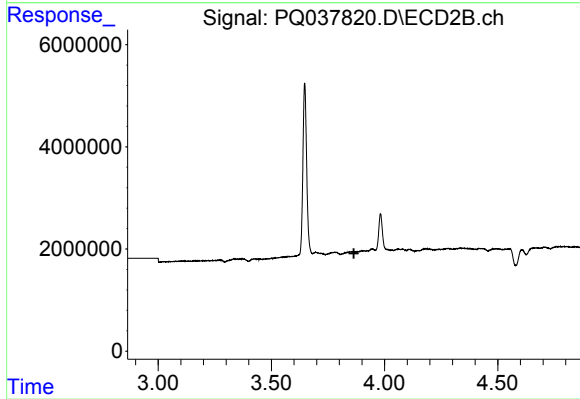
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.159 min
Response: 0
Conc: N.D.



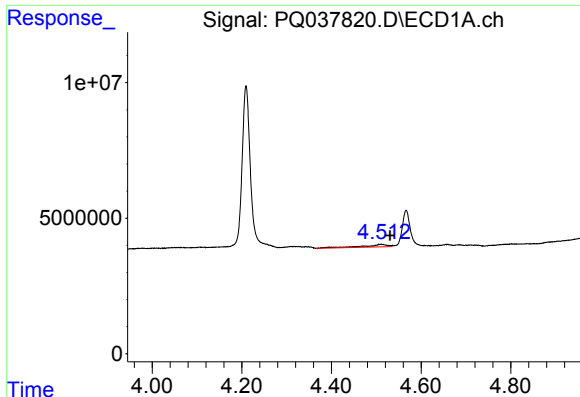
#8 AR-1221-1

R.T.: 4.511 min
Delta R.T.: 0.067 min
Response: 3535803
Conc: 56.43 ng/ml



#8 AR-1221-1

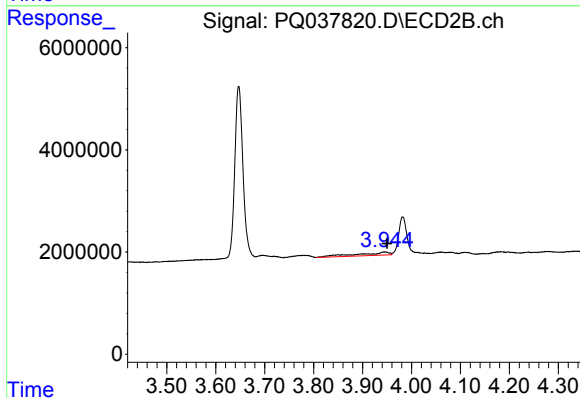
R.T.: 0.000 min
Exp R.T. : 3.864 min
Response: 0
Conc: N.D.



#9 AR-1221-2

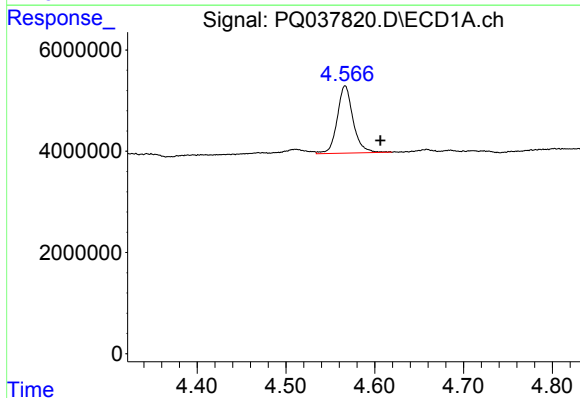
R.T.: 4.511 min
Delta R.T.: -0.020 min
Response: 3535803
Conc: 80.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



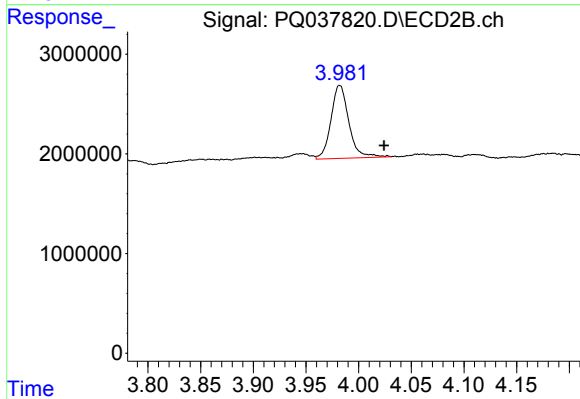
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 2874601
Conc: 119.85 ng/ml



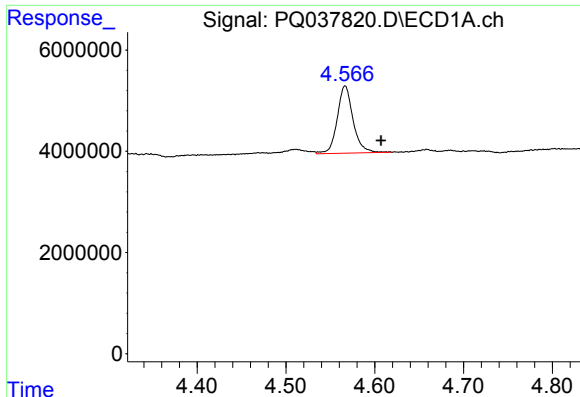
#10 AR-1221-3

R.T.: 4.567 min
Delta R.T.: -0.040 min
Response: 16507800
Conc: 107.40 ng/ml



#10 AR-1221-3

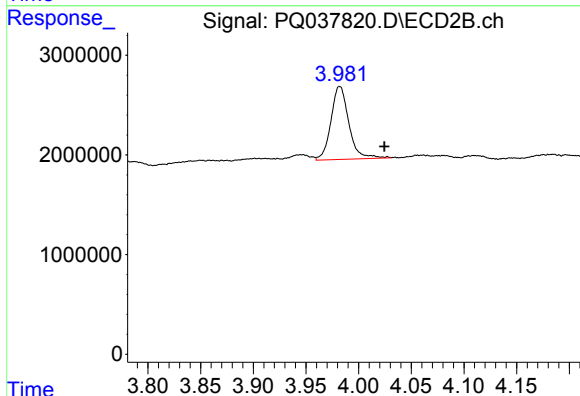
R.T.: 3.982 min
Delta R.T.: -0.042 min
Response: 8671583
Conc: 102.54 ng/ml



#11 AR-1232-1

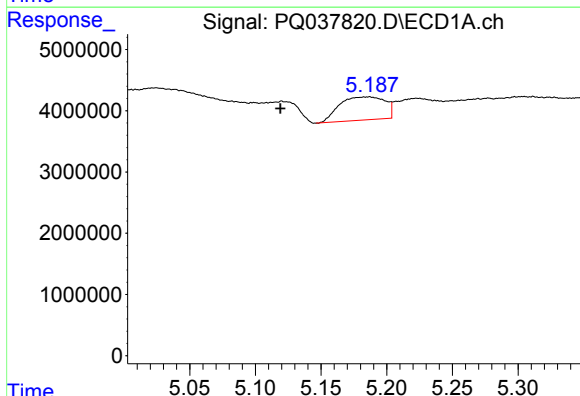
R.T.: 4.567 min
Delta R.T.: -0.040 min
Response: 16507800
Conc: 144.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



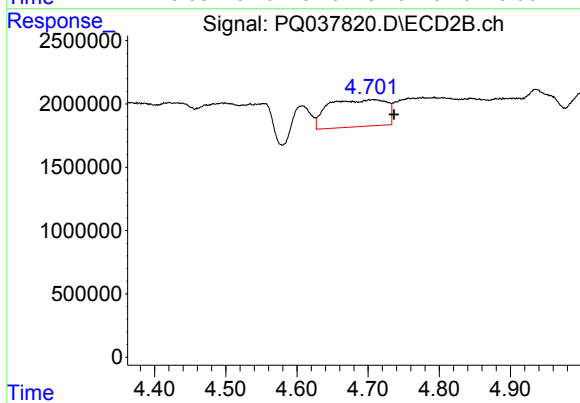
#11 AR-1232-1

R.T.: 3.982 min
Delta R.T.: -0.042 min
Response: 8671583
Conc: 140.08 ng/ml



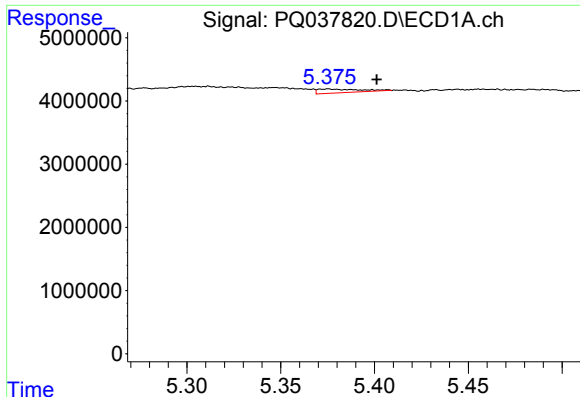
#12 AR-1232-2

R.T.: 5.187 min
Delta R.T.: 0.068 min
Response: 9143559
Conc: 156.40 ng/ml



#12 AR-1232-2

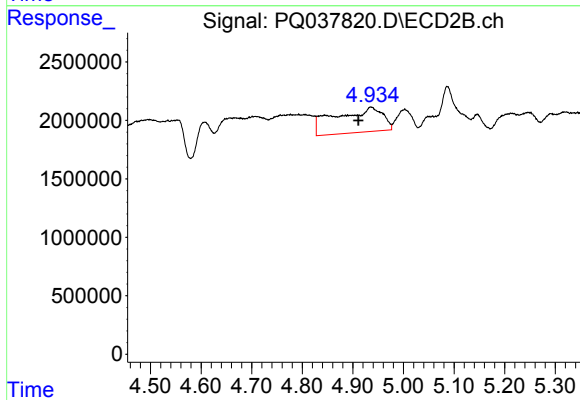
R.T.: 4.701 min
Delta R.T.: -0.035 min
Response: 12056805
Conc: 175.47 ng/ml



#13 AR-1232-3

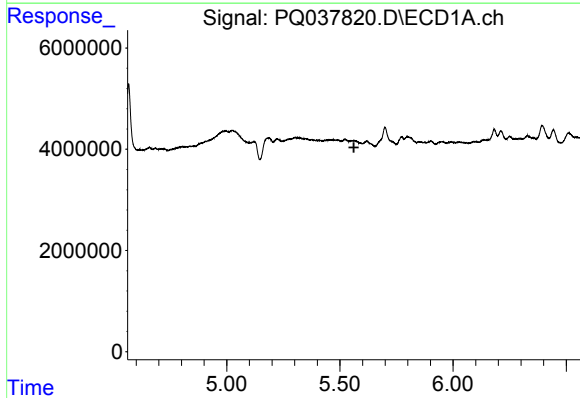
R.T.: 5.375 min
Delta R.T.: -0.026 min
Response: 924737
Conc: 7.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



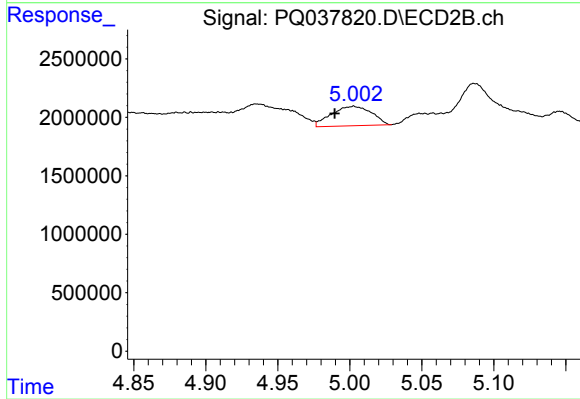
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: 0.025 min
Response: 13743605
Conc: 394.65 ng/ml



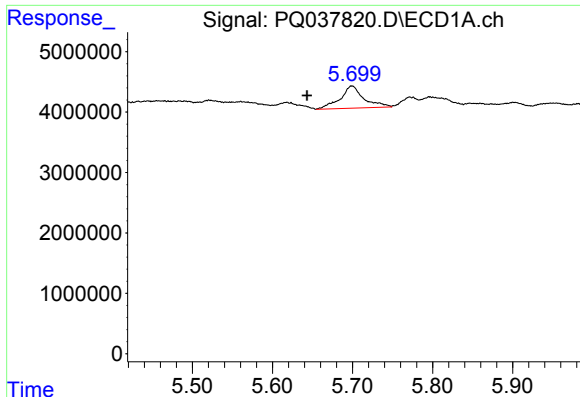
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.562 min
Response: 0
Conc: N.D.



#14 AR-1232-4

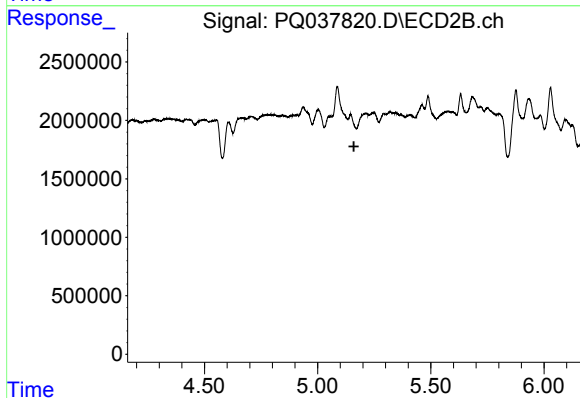
R.T.: 5.002 min
Delta R.T.: 0.013 min
Response: 3223401
Conc: 109.32 ng/ml



#15 AR-1232-5

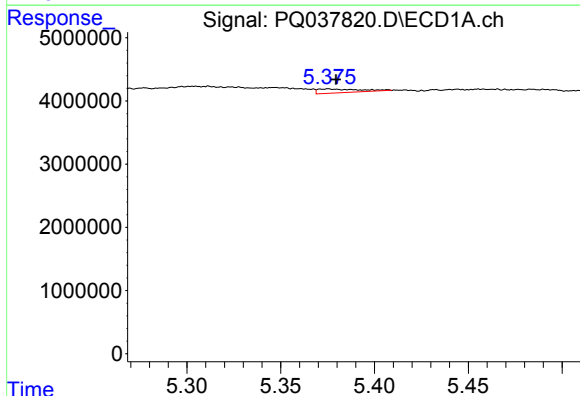
R.T.: 5.699 min
Delta R.T.: 0.056 min
Response: 7484517
Conc: 164.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



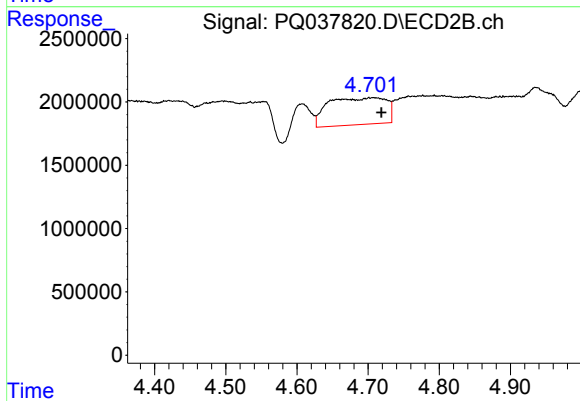
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



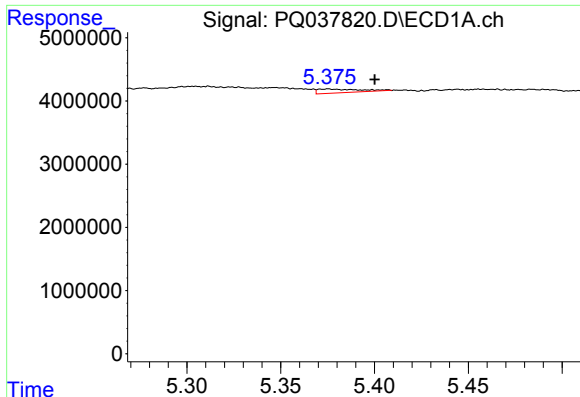
#16 AR-1242-1

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 924737
Conc: 5.64 ng/ml



#16 AR-1242-1

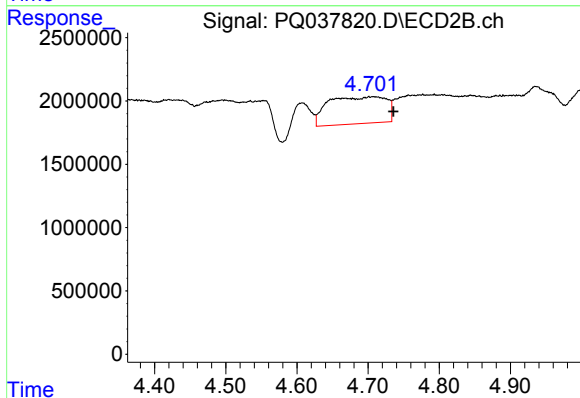
R.T.: 4.701 min
Delta R.T.: -0.017 min
Response: 12056805
Conc: 134.22 ng/ml



#17 AR-1242-2

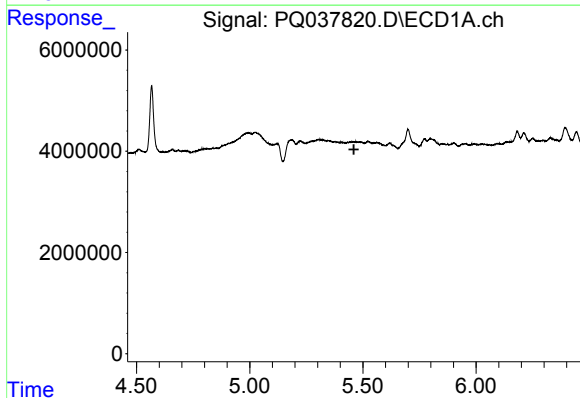
R.T.: 5.375 min
Delta R.T.: -0.025 min
Response: 924737
Conc: 3.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



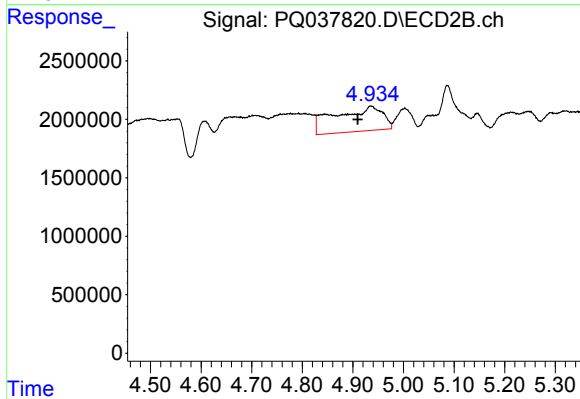
#17 AR-1242-2

R.T.: 4.701 min
Delta R.T.: -0.034 min
Response: 12056805
Conc: 88.42 ng/ml



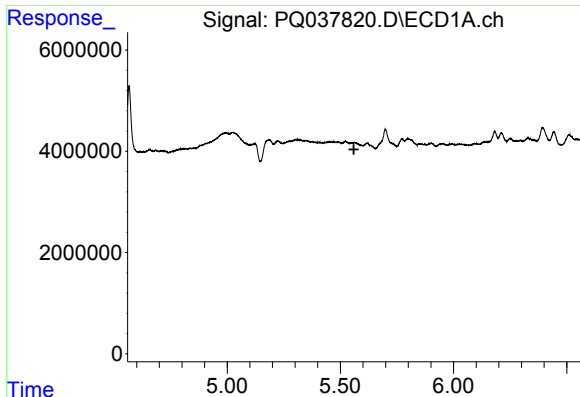
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



#18 AR-1242-3

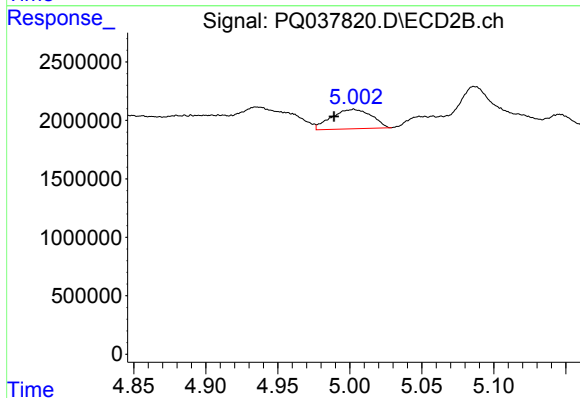
R.T.: 4.936 min
Delta R.T.: 0.026 min
Response: 13743605
Conc: 194.86 ng/ml



#19 AR-1242-4

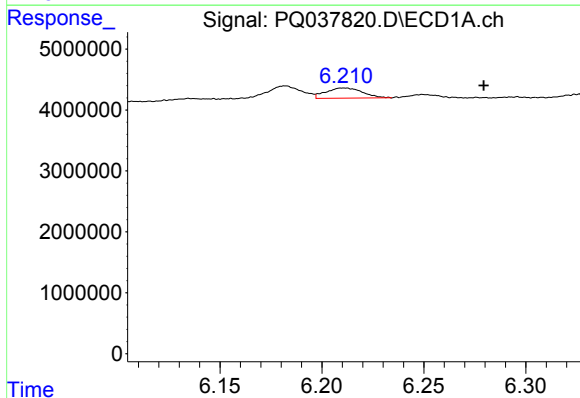
R.T.: 0.000 min
Exp R.T.: 5.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DB649



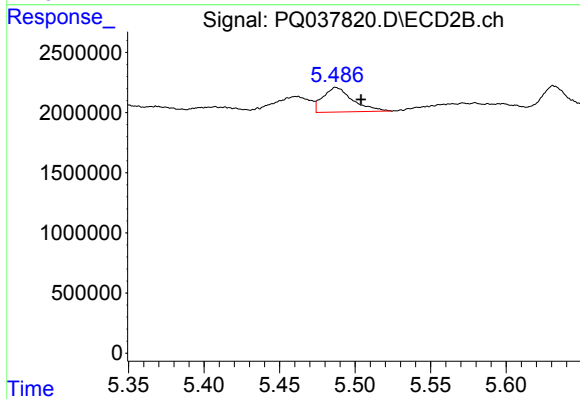
#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: 0.013 min
Response: 3223401
Conc: 46.98 ng/ml



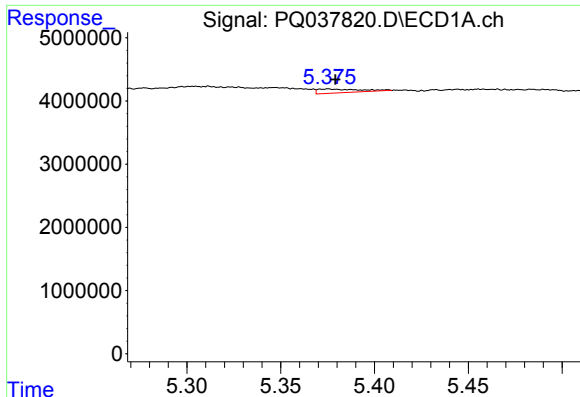
#20 AR-1242-5

R.T.: 6.211 min
Delta R.T.: -0.069 min
Response: 2072763
Conc: 14.94 ng/ml



#20 AR-1242-5

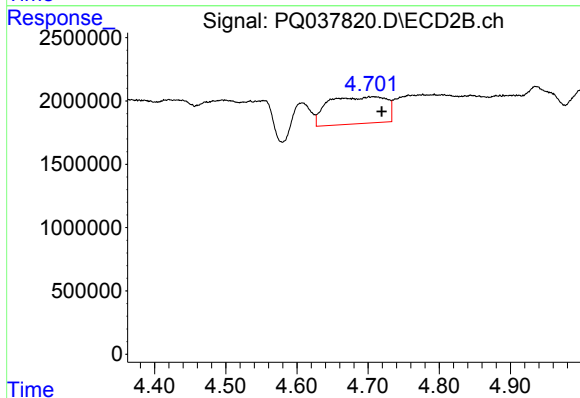
R.T.: 5.488 min
Delta R.T.: -0.016 min
Response: 2778154
Conc: 31.78 ng/ml



#21 AR-1248-1

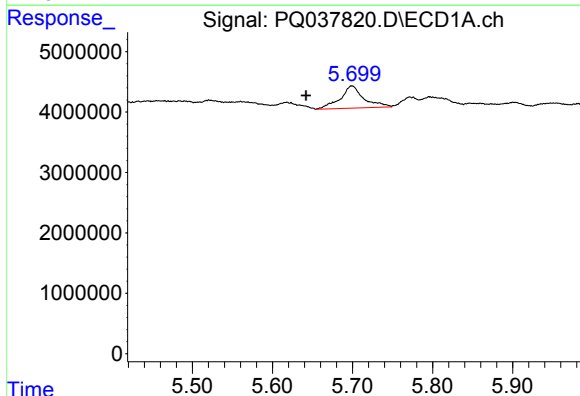
R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 924737
Conc: 7.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



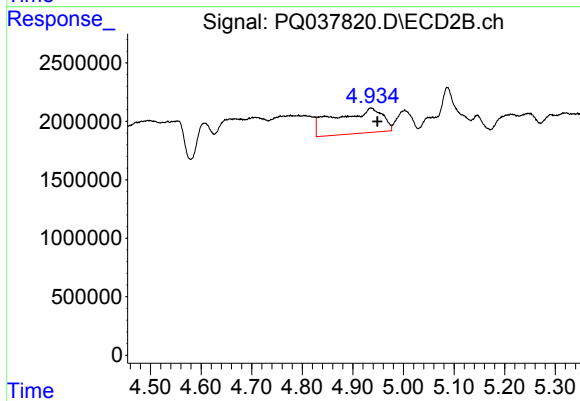
#21 AR-1248-1

R.T.: 4.701 min
Delta R.T.: -0.018 min
Response: 12056805
Conc: 180.74 ng/ml



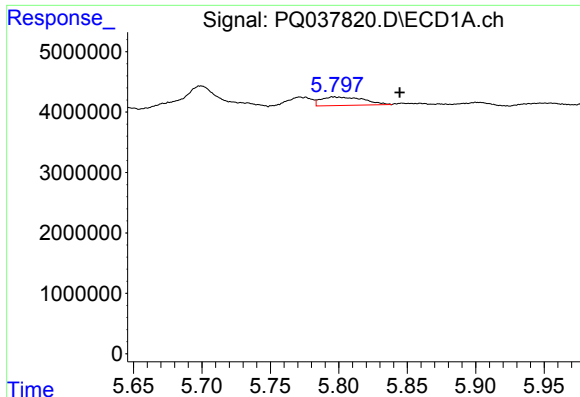
#22 AR-1248-2

R.T.: 5.699 min
Delta R.T.: 0.057 min
Response: 7484517
Conc: 43.63 ng/ml



#22 AR-1248-2

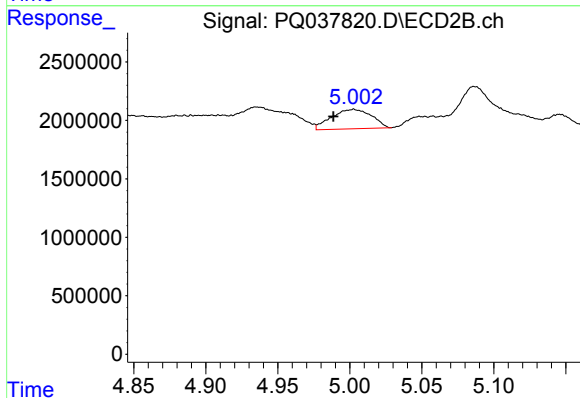
R.T.: 4.936 min
Delta R.T.: -0.013 min
Response: 13743605
Conc: 152.03 ng/ml



#23 AR-1248-3

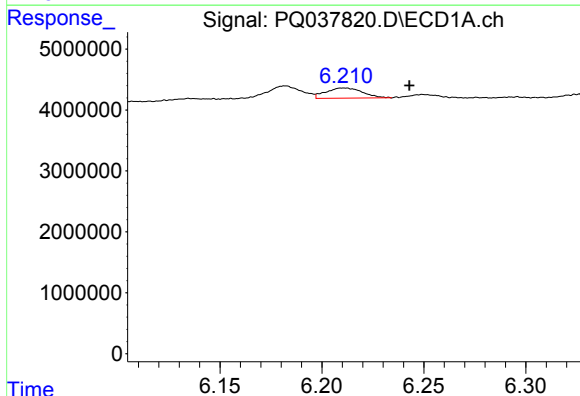
R.T.: 5.796 min
Delta R.T.: -0.048 min
Response: 3060500
Conc: 15.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



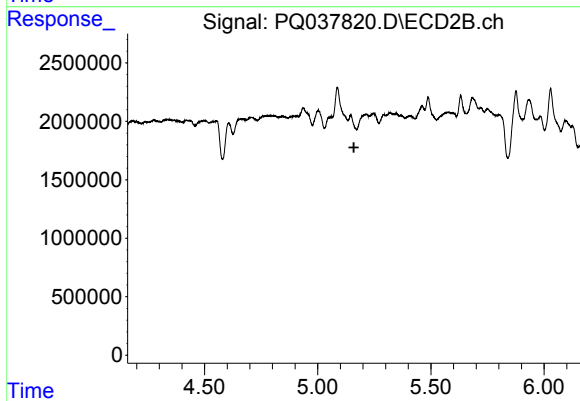
#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: 0.013 min
Response: 3223401
Conc: 34.93 ng/ml



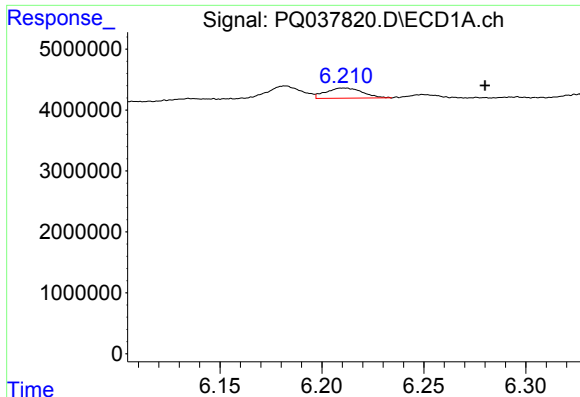
#24 AR-1248-4

R.T.: 6.211 min
Delta R.T.: -0.032 min
Response: 2072763
Conc: 9.12 ng/ml



#24 AR-1248-4

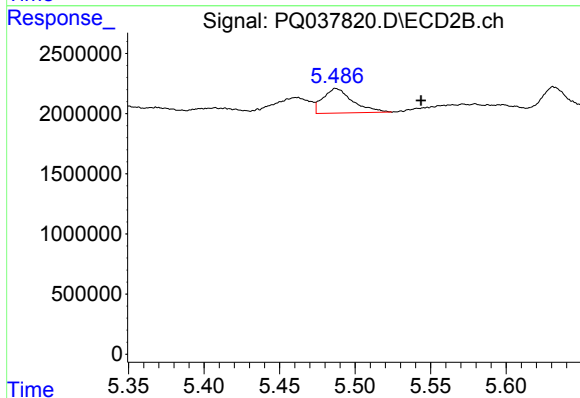
R.T.: 0.000 min
Exp R.T.: 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

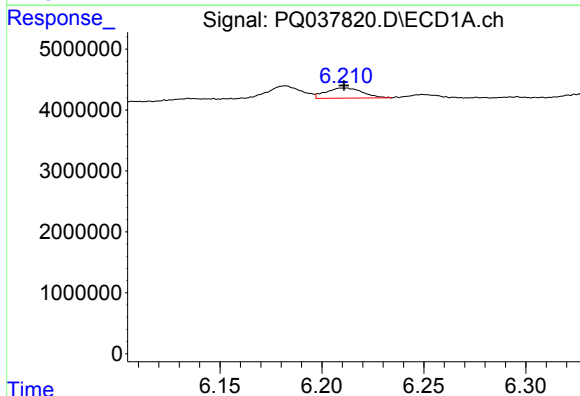
R.T.: 6.211 min
Delta R.T.: -0.069 min
Response: 2072763
Conc: 9.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



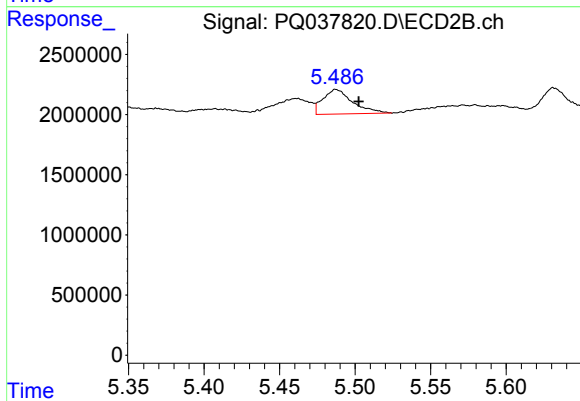
#25 AR-1248-5

R.T.: 5.488 min
Delta R.T.: -0.056 min
Response: 2778154
Conc: 25.30 ng/ml



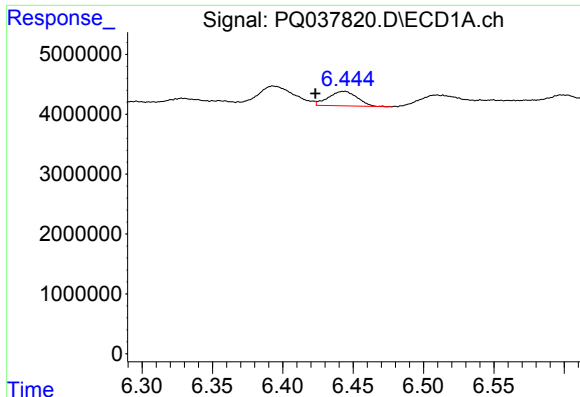
#26 AR-1254-1

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 2072763
Conc: 9.79 ng/ml



#26 AR-1254-1

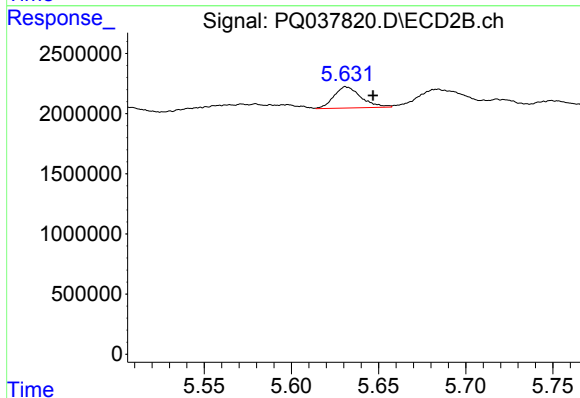
R.T.: 5.488 min
Delta R.T.: -0.015 min
Response: 2778154
Conc: 16.75 ng/ml



#27 AR-1254-2

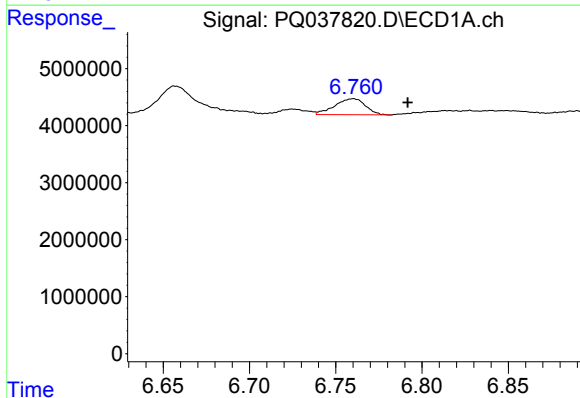
R.T.: 6.443 min
Delta R.T.: 0.020 min
Response: 3435295
Conc: 10.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



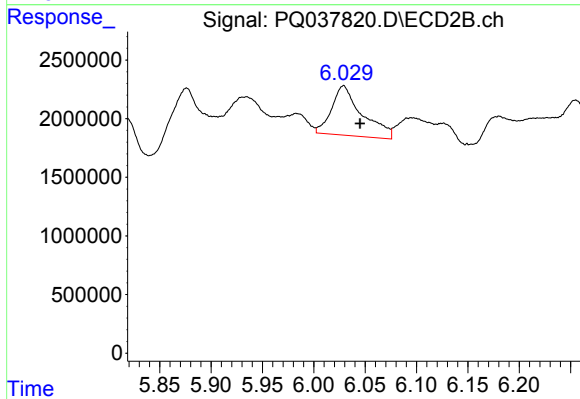
#27 AR-1254-2

R.T.: 5.632 min
Delta R.T.: -0.015 min
Response: 1899505
Conc: 13.34 ng/ml



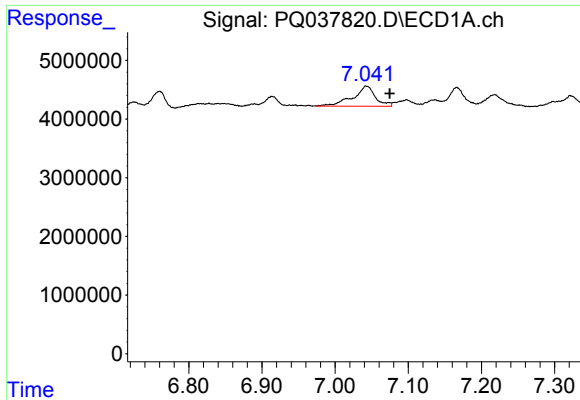
#28 AR-1254-3

R.T.: 6.760 min
Delta R.T.: -0.032 min
Response: 3461891
Conc: 9.97 ng/ml



#28 AR-1254-3

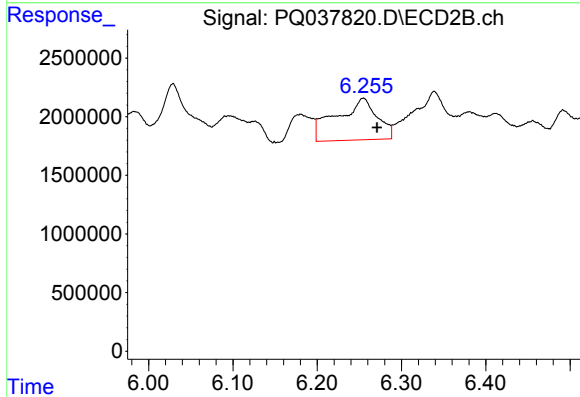
R.T.: 6.029 min
Delta R.T.: -0.016 min
Response: 8737445
Conc: 38.30 ng/ml



#29 AR-1254-4

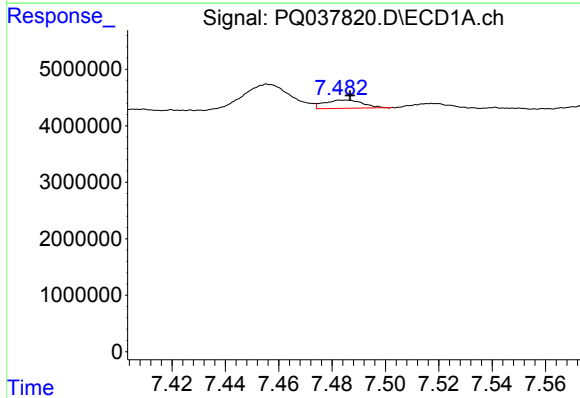
R.T.: 7.043 min
Delta R.T.: -0.032 min
Response: 7288786
Conc: 26.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



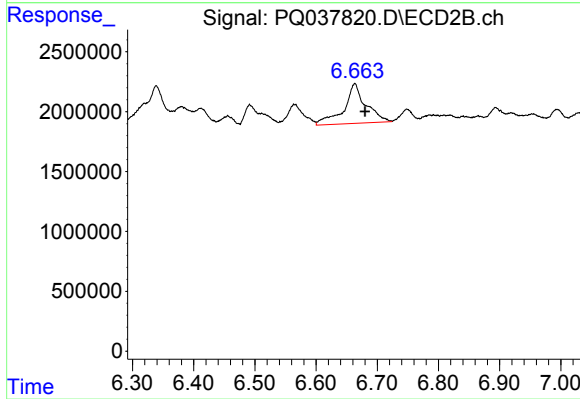
#29 AR-1254-4

R.T.: 6.255 min
Delta R.T.: -0.016 min
Response: 11920091
Conc: 69.41 ng/ml



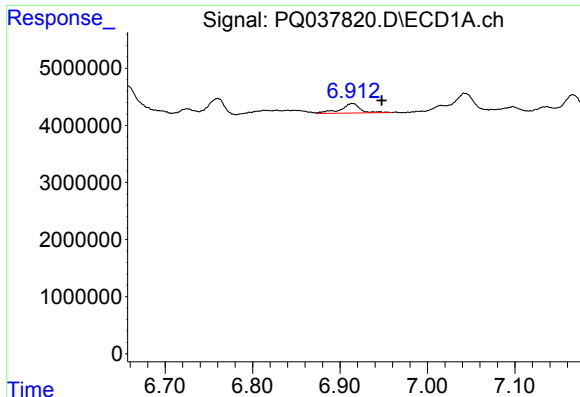
#30 AR-1254-5

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 1471597
Conc: 5.32 ng/ml



#30 AR-1254-5

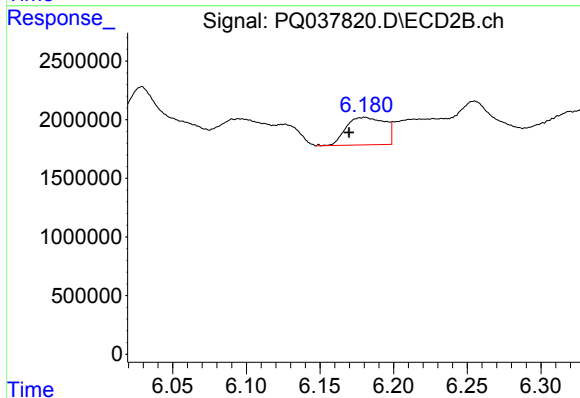
R.T.: 6.663 min
Delta R.T.: -0.017 min
Response: 8302639
Conc: 42.88 ng/ml



#31 AR-1260-1

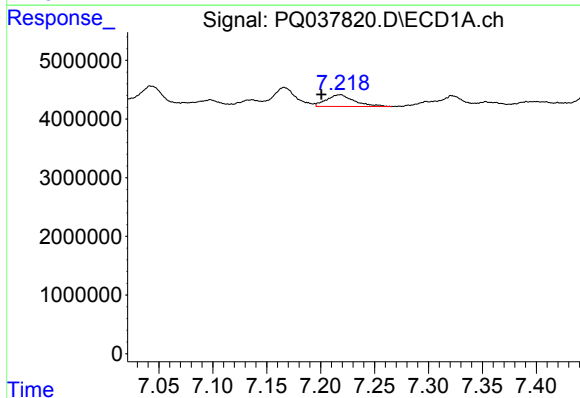
R.T.: 6.914 min
Delta R.T.: -0.034 min
Response: 2631547
Conc: 5.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



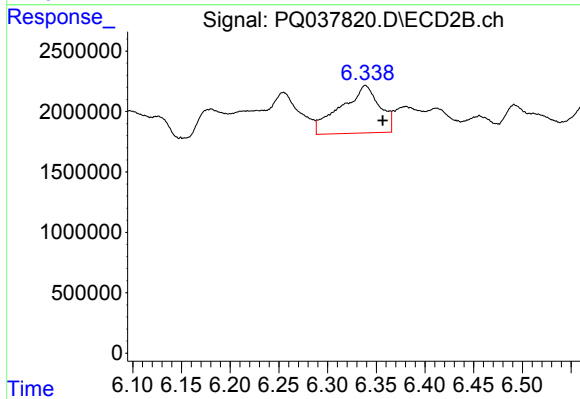
#31 AR-1260-1

R.T.: 6.180 min
Delta R.T.: 0.010 min
Response: 4300021
Conc: 16.96 ng/ml



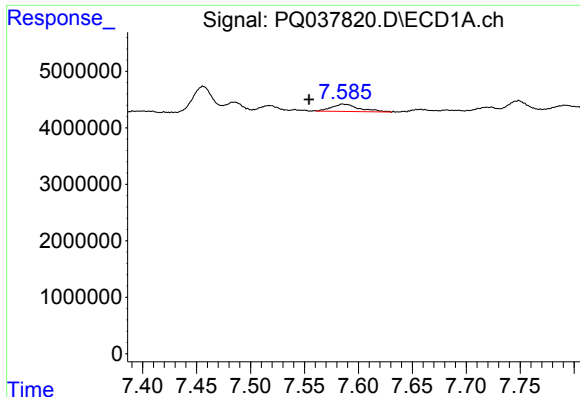
#32 AR-1260-2

R.T.: 7.218 min
Delta R.T.: 0.017 min
Response: 3544527
Conc: 6.13 ng/ml



#32 AR-1260-2

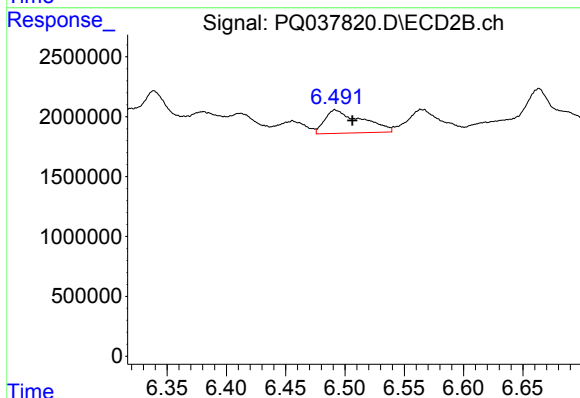
R.T.: 6.339 min
Delta R.T.: -0.018 min
Response: 10870013
Conc: 35.36 ng/ml



#33 AR-1260-3

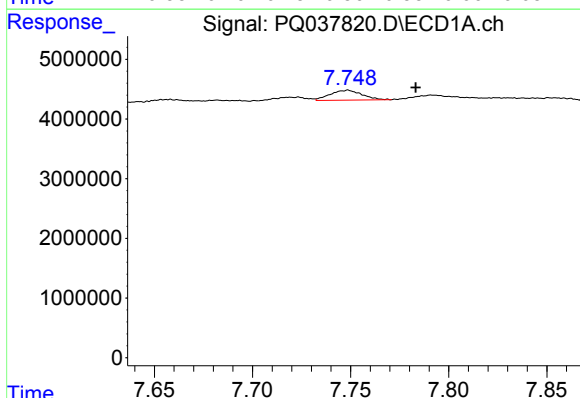
R.T.: 7.586 min
Delta R.T.: 0.032 min
Response: 2307355
Conc: 5.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



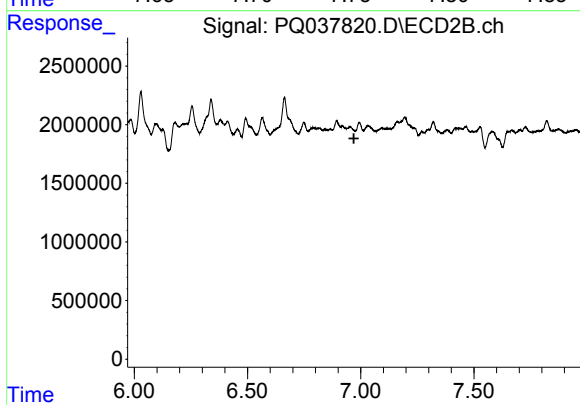
#33 AR-1260-3

R.T.: 6.492 min
Delta R.T.: -0.014 min
Response: 4259549
Conc: 15.00 ng/ml



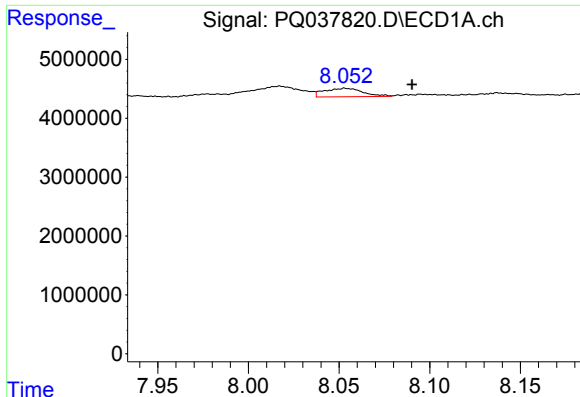
#34 AR-1260-4

R.T.: 7.749 min
Delta R.T.: -0.035 min
Response: 1886918
Conc: 4.31 ng/ml



#34 AR-1260-4

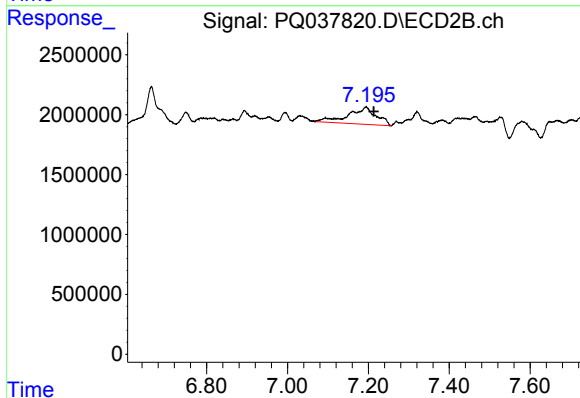
R.T.: 0.000 min
Exp R.T.: 6.970 min
Response: 0
Conc: N.D.



#35 AR-1260-5

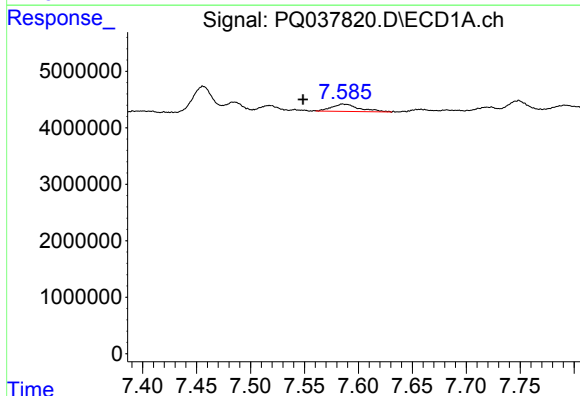
R.T.: 8.053 min
Delta R.T.: -0.037 min
Response: 2118439
Conc: 2.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



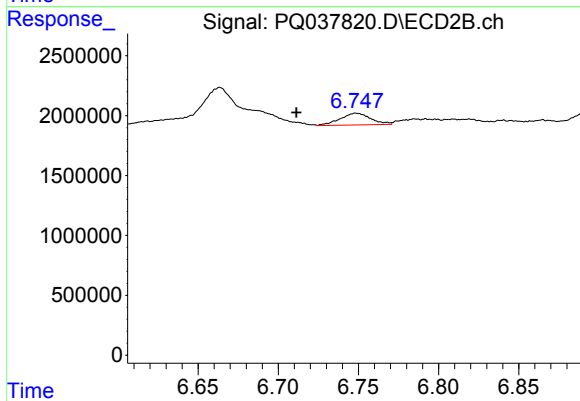
#35 AR-1260-5

R.T.: 7.194 min
Delta R.T.: -0.019 min
Response: 6859911
Conc: 12.99 ng/ml



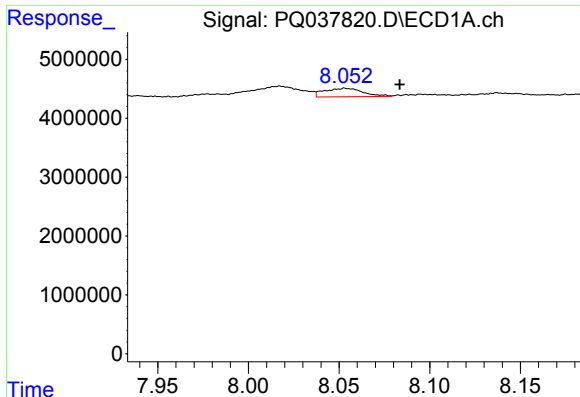
#36 AR-1262-1

R.T.: 7.586 min
Delta R.T.: 0.037 min
Response: 2307355
Conc: 5.78 ng/ml



#36 AR-1262-1

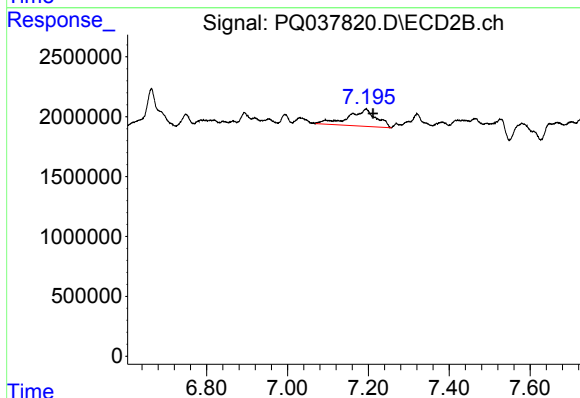
R.T.: 6.749 min
Delta R.T.: 0.038 min
Response: 1305249
Conc: 6.24 ng/ml



#37 AR-1262-2

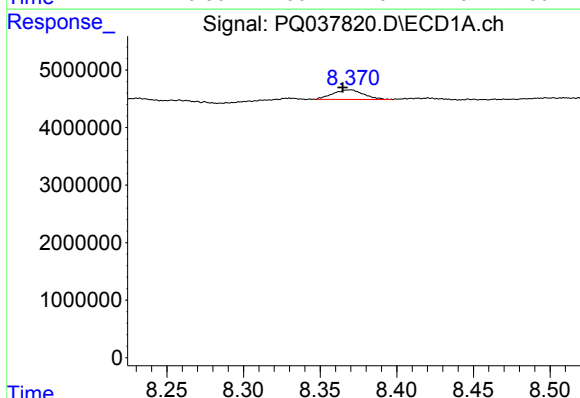
R.T.: 8.053 min
Delta R.T.: -0.030 min
Response: 2118439
Conc: 3.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



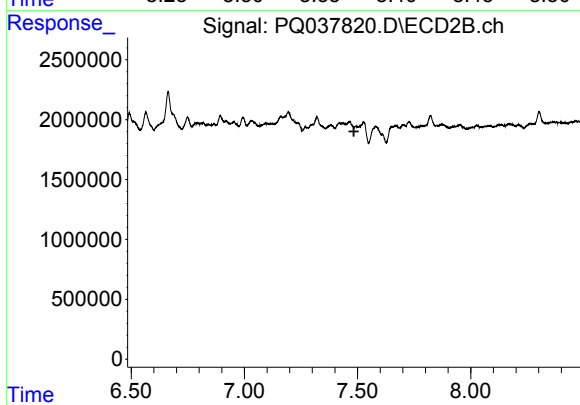
#37 AR-1262-2

R.T.: 7.194 min
Delta R.T.: -0.017 min
Response: 6859911
Conc: 18.52 ng/ml



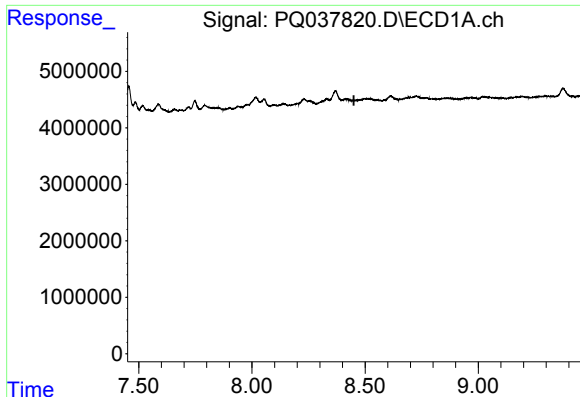
#38 AR-1262-3

R.T.: 8.369 min
Delta R.T.: 0.004 min
Response: 2333237
Conc: 7.79 ng/ml



#38 AR-1262-3

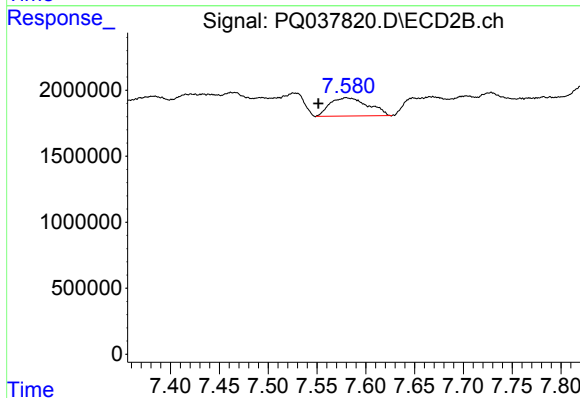
R.T.: 0.000 min
Exp R.T.: 7.484 min
Response: 0
Conc: N.D.



#39 AR-1262-4

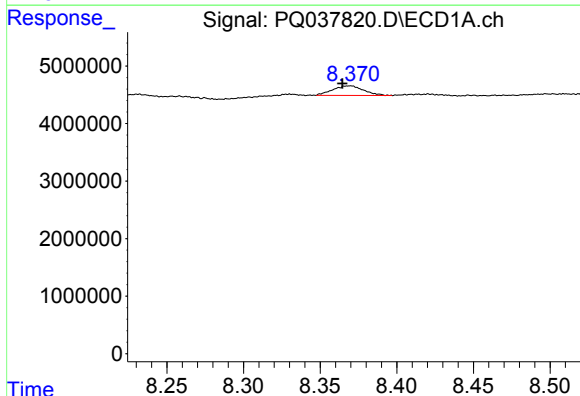
R.T.: 0.000 min
Exp R.T.: 8.451 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DB649



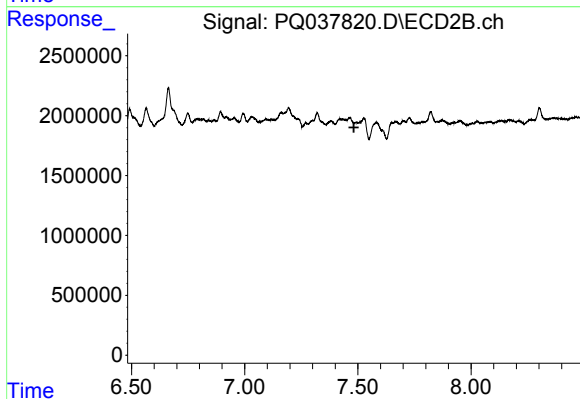
#39 AR-1262-4

R.T.: 7.581 min
Delta R.T.: 0.029 min
Response: 3785543
Conc: 14.20 ng/ml



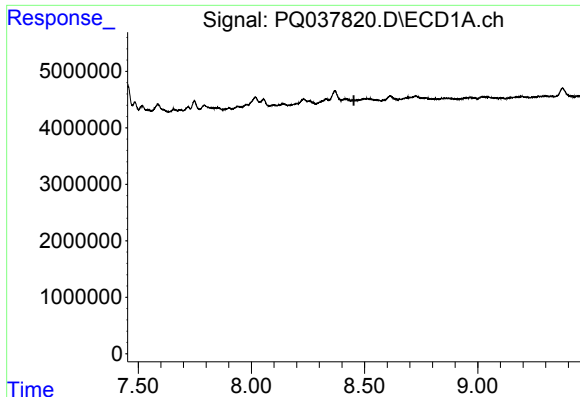
#41 AR-1268-1

R.T.: 8.369 min
Delta R.T.: 0.005 min
Response: 2333237
Conc: 1.74 ng/ml



#41 AR-1268-1

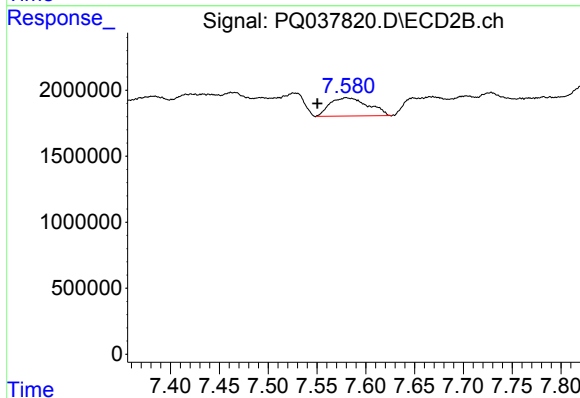
R.T.: 0.000 min
Exp R.T.: 7.483 min
Response: 0
Conc: N.D.



#42 AR-1268-2

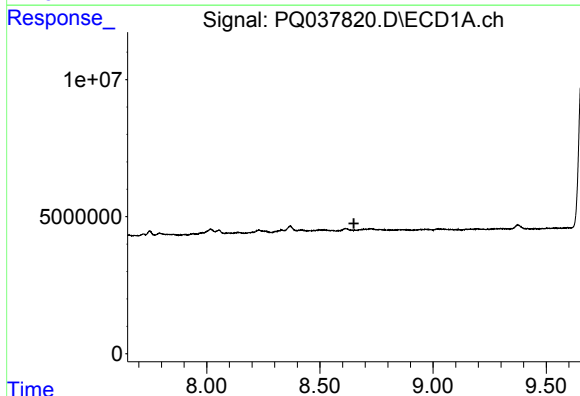
R.T.: 0.000 min
Exp R.T.: 8.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DB649



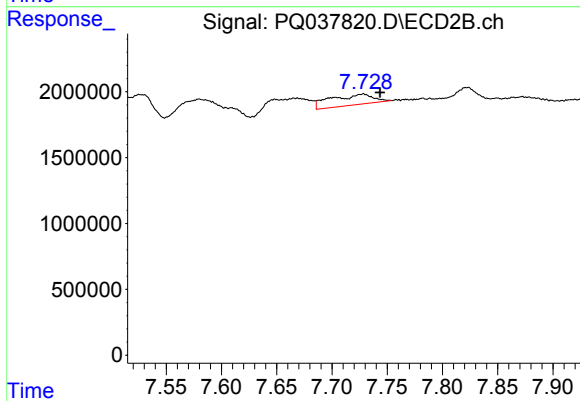
#42 AR-1268-2

R.T.: 7.581 min
Delta R.T.: 0.030 min
Response: 3785543
Conc: 6.33 ng/ml



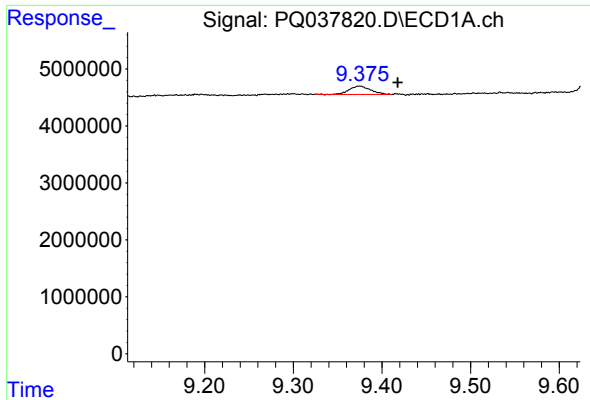
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.650 min
Response: 0
Conc: N.D.



#43 AR-1268-3

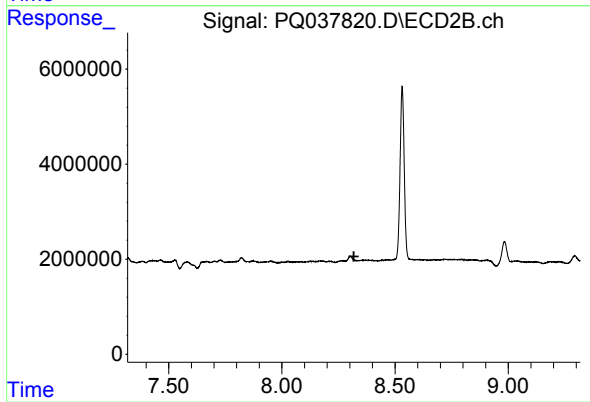
R.T.: 7.728 min
Delta R.T.: -0.016 min
Response: 2186571
Conc: 4.39 ng/ml



#45 AR-1268-5

R.T.: 9.375 min
Delta R.T.: -0.043 min
Response: 2515581
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB649



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.318 min
Response: 0
Conc: N.D.