

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040519\
 Data File : PQ038804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2019 04:06
 Operator : AJ\SJ
 Sample : K2218-04
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5Z4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 04:22:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 05 05:12:40 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...	5.724	4.815	83308131	46128170	17.388	20.248
2)	SA Decachlor...	12.133	10.584	184.9E6	104.5E6	27.954	30.714
Target Compounds							
3)	L1 AR-1016-1	0.000	6.293	0	208042	N.D.	1.395 #
4)	L1 AR-1016-2	0.000	6.293	0	208042	N.D.	0.959 #
5)	L1 AR-1016-3	7.323	0.000	42432222	0	165.796	N.D. #
6)	L1 AR-1016-4	7.323	0.000	42432222	0	203.072	N.D. #
7)	L1 AR-1016-5	7.777	6.841	7136454	2568198	33.149	19.890 #
8)	L2 AR-1221-1	6.026	0.000	451185	0	7.783	N.D. #
9)	L2 AR-1221-2	6.116	5.236	1562028	1050810	38.890	50.440 #
10)	L2 AR-1221-3	6.199	5.345	1245512	819590	8.822	11.162 #
11)	L3 AR-1232-1	6.199	5.345	1245512	819590	12.844	15.902
12)	L3 AR-1232-2	0.000	6.293	0	208042	N.D.	3.575 #
14)	L3 AR-1232-4	7.323	0.000	42432222	0	766.718	N.D. #
15)	L3 AR-1232-5	7.526	6.841	6279980	2568198	161.019	78.284 #
16)	L4 AR-1242-1	0.000	6.293	0	208042	N.D.	2.401 #
17)	L4 AR-1242-2	0.000	6.293	0	208042	N.D.	1.668 #
18)	L4 AR-1242-3	7.323	0.000	42432222	0	299.510	N.D. #
19)	L4 AR-1242-4	7.323	0.000	42432222	0	366.738	N.D. #
20)	L4 AR-1242-5	8.249	7.203	53920661	2776350	397.093	29.075 #
21)	L5 AR-1248-1	0.000	6.293	0	208042	N.D.	3.450 #
22)	L5 AR-1248-2	7.526	0.000	6279980	0	41.944	N.D. #
23)	L5 AR-1248-3	7.777	0.000	7136454	0	39.044	N.D. #
24)	L5 AR-1248-4	0.000	6.841	0	2568198	N.D.	22.400 #
25)	L5 AR-1248-5	8.249	7.317	53920661	42250	265.699	0.367 #
26)	L6 AR-1254-1	0.000	7.203	0	2776350	N.D.	15.109 #
27)	L6 AR-1254-2	8.362	7.359	13126216	195370	38.746	1.207 #
28)	L6 AR-1254-3	8.758	7.836	37872251	15316391	101.900	54.210 #
29)	L6 AR-1254-4	9.054	8.088	21836614	10093035	85.628	60.827 #
30)	L6 AR-1254-5	9.535	8.532	30378257	2158995	101.927	8.765 #
31)	L7 AR-1260-1	8.948	7.968	43727334	5135019	91.415	16.951 #
32)	L7 AR-1260-2	9.271	8.177	80551795	673161	141.814	1.817 #
33)	L7 AR-1260-3	9.595	8.396	13764398	46722576	31.593	133.280 #
34)	L7 AR-1260-4	9.830	8.820	41793273	17190086	81.431	59.528 #
35)	L7 AR-1260-5	10.171	9.093	45007485	301507	43.350	0.425 #
36)	L8 AR-1262-1	9.595	8.596	13764398	15917904	37.054	60.799 #
37)	L8 AR-1262-2	10.171	9.093	45007485	301507	68.081	0.631 #
38)	L8 AR-1262-3	10.476	9.455	1535202	1361218	3.397	7.011 #
39)	L8 AR-1262-4	10.570	9.455	18540838	1361218	51.690	3.696 #
40)	L8 AR-1262-5	11.304	10.003	130.0E6	36759036	522.449	243.349 #
41)	L9 AR-1268-1	10.476	9.455	1535202	1361218	1.028	1.348 #
42)	L9 AR-1268-2	10.570	9.455	18540838	1361218	13.421	1.459 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	10.857	9.673	4410570	4359986	3.599	5.515 #
44) L9	AR-1268-4	11.304	10.003	130.0E6	36759036	259.143	118.248 #
45) L9	AR-1268-5	11.766	10.262	7651796	64666728	1.813	25.968 #

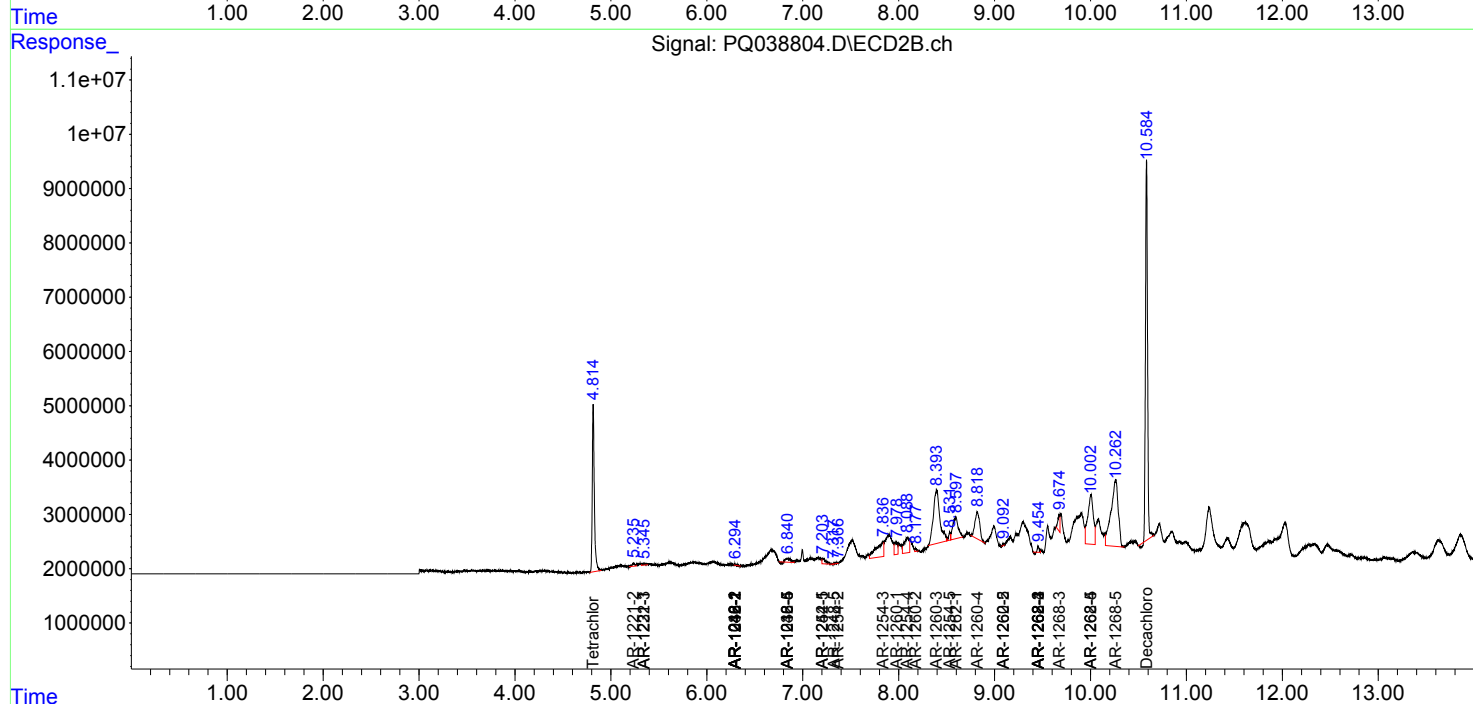
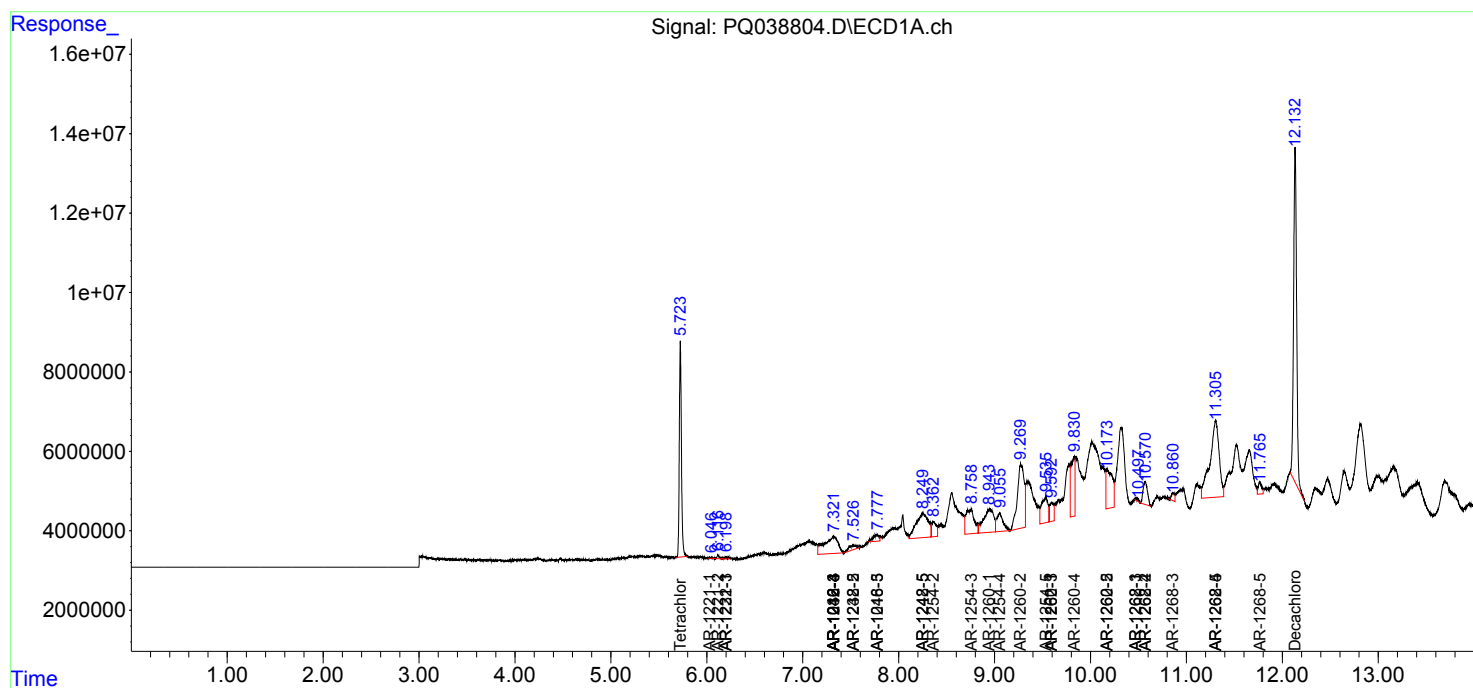
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

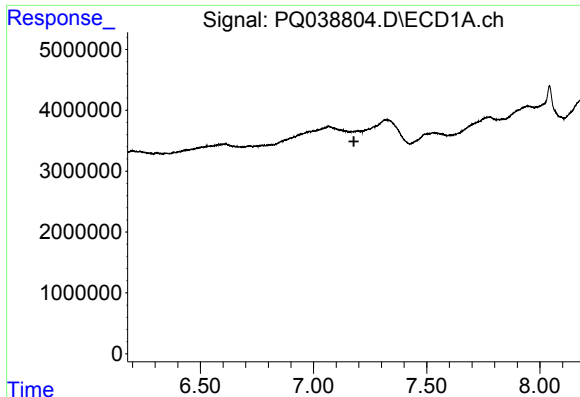
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Quant Time: Apr 06 04:22:01 2019
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

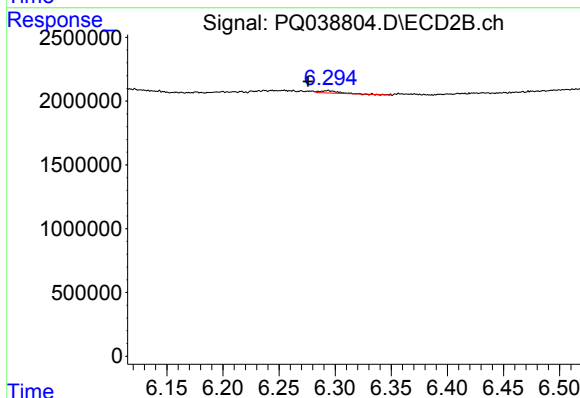




#3 AR-1016-1

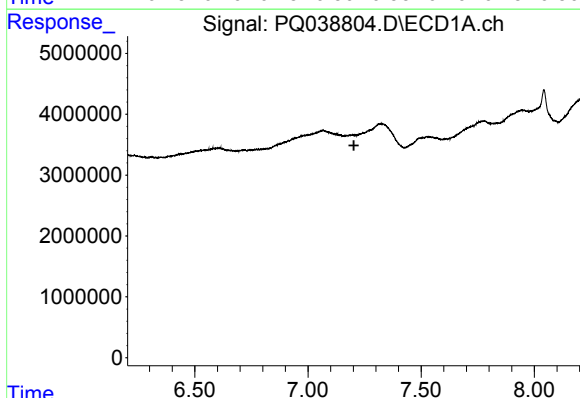
R.T.: 0.000 min
Exp R.T.: 7.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



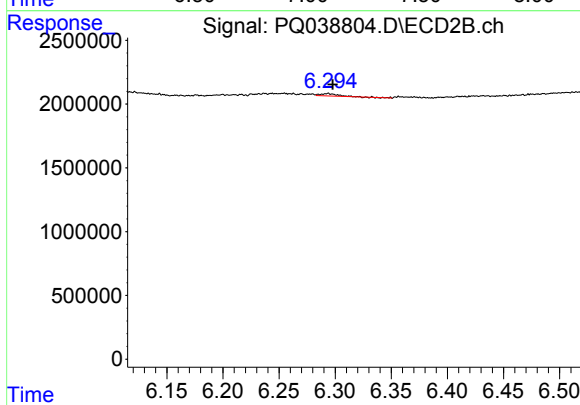
#3 AR-1016-1

R.T.: 6.293 min
Delta R.T.: 0.018 min
Response: 208042
Conc: 1.40 ng/ml



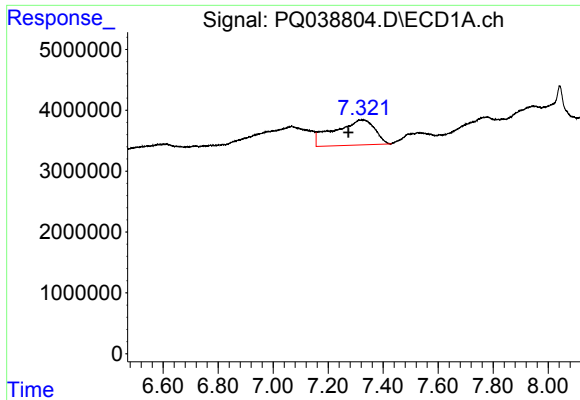
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.203 min
Response: 0
Conc: N.D.



#4 AR-1016-2

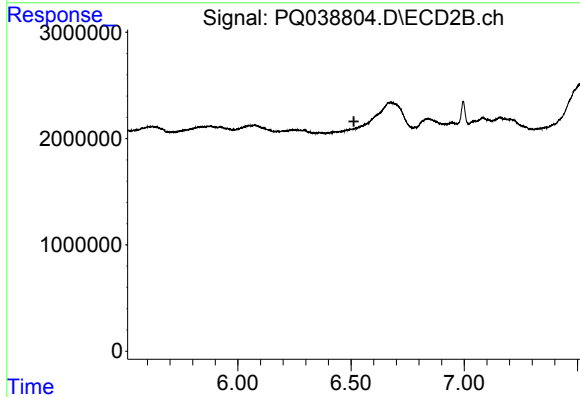
R.T.: 6.293 min
Delta R.T.: -0.004 min
Response: 208042
Conc: 0.96 ng/ml



#5 AR-1016-3

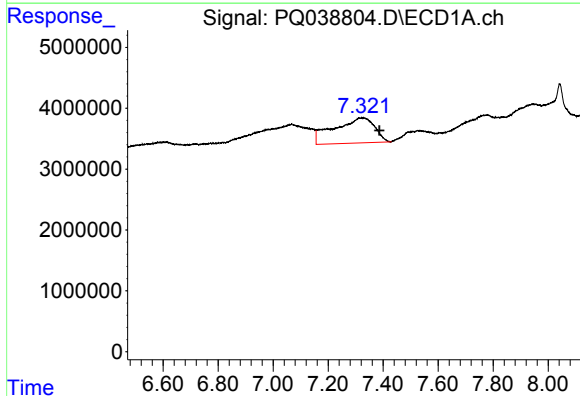
R.T.: 7.323 min
Delta R.T.: 0.049 min
Response: 42432222
Conc: 165.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



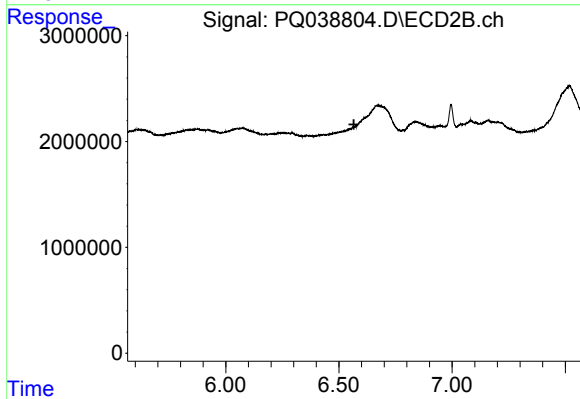
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.512 min
Response: 0
Conc: N.D.



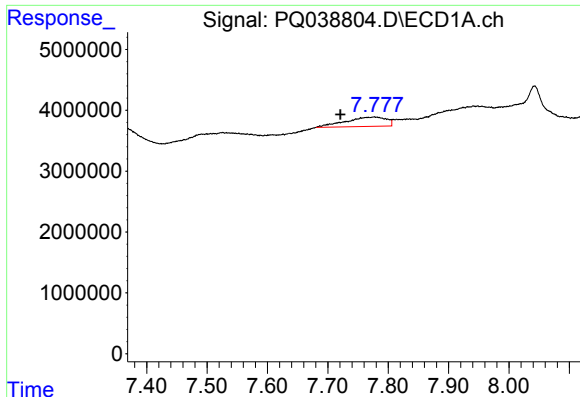
#6 AR-1016-4

R.T.: 7.323 min
Delta R.T.: -0.064 min
Response: 42432222
Conc: 203.07 ng/ml



#6 AR-1016-4

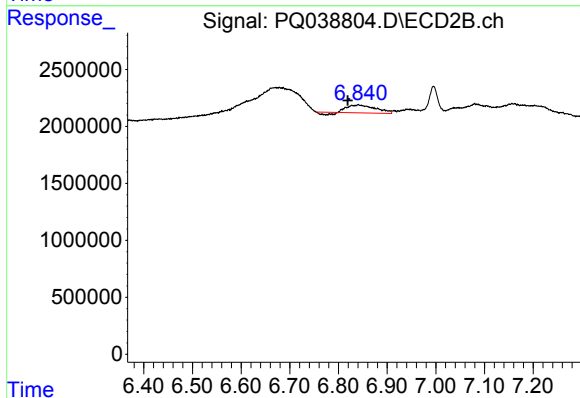
R.T.: 0.000 min
Exp R.T. : 6.566 min
Response: 0
Conc: N.D.



#7 AR-1016-5

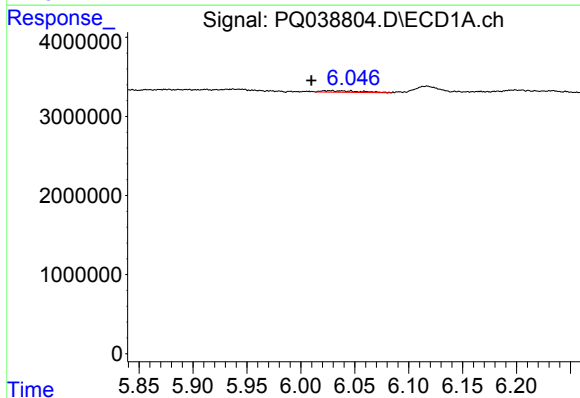
R.T.: 7.777 min
Delta R.T.: 0.057 min
Response: 7136454
Conc: 33.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



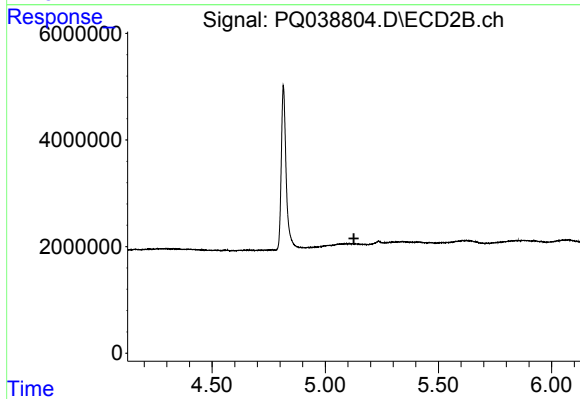
#7 AR-1016-5

R.T.: 6.841 min
Delta R.T.: 0.022 min
Response: 2568198
Conc: 19.89 ng/ml



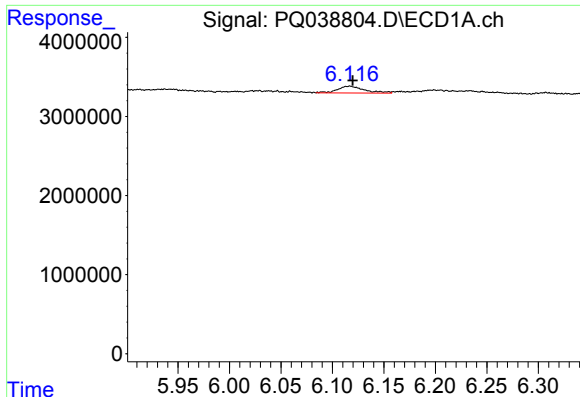
#8 AR-1221-1

R.T.: 6.026 min
Delta R.T.: 0.016 min
Response: 451185
Conc: 7.78 ng/ml



#8 AR-1221-1

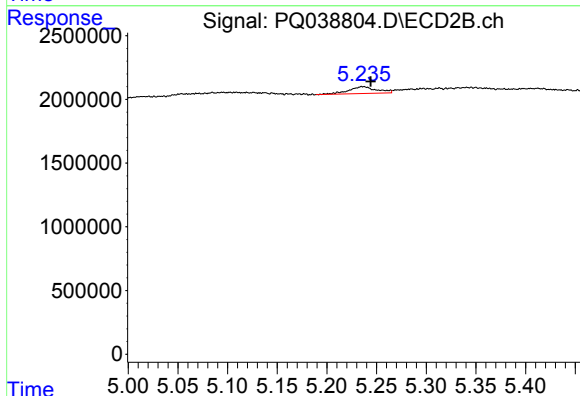
R.T.: 0.000 min
Exp R.T.: 5.126 min
Response: 0
Conc: N.D.



#9 AR-1221-2

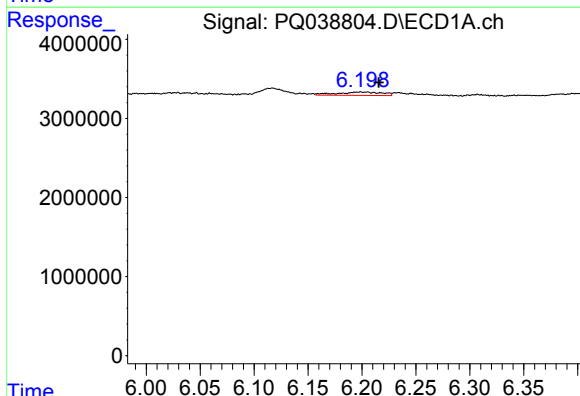
R.T.: 6.116 min
Delta R.T.: -0.003 min
Response: 1562028
Conc: 38.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



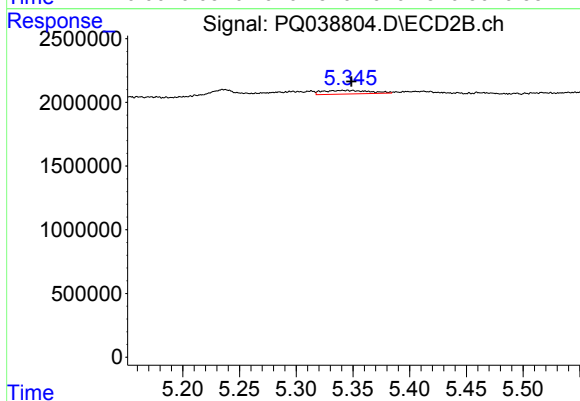
#9 AR-1221-2

R.T.: 5.236 min
Delta R.T.: -0.008 min
Response: 1050810
Conc: 50.44 ng/ml



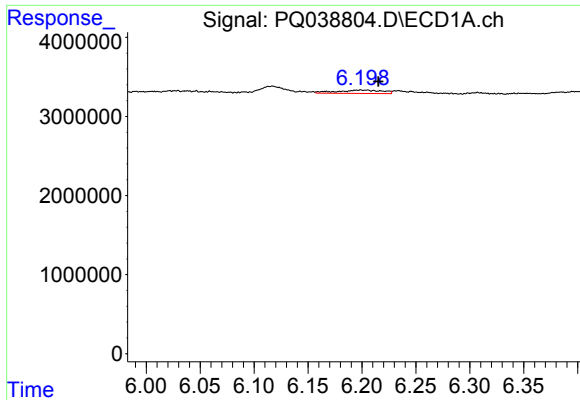
#10 AR-1221-3

R.T.: 6.199 min
Delta R.T.: -0.016 min
Response: 1245512
Conc: 8.82 ng/ml



#10 AR-1221-3

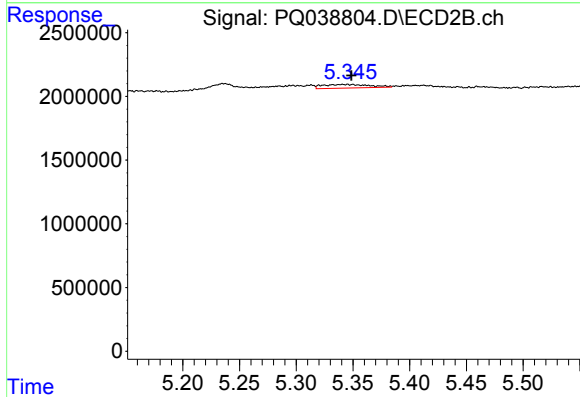
R.T.: 5.345 min
Delta R.T.: -0.003 min
Response: 819590
Conc: 11.16 ng/ml



#11 AR-1232-1

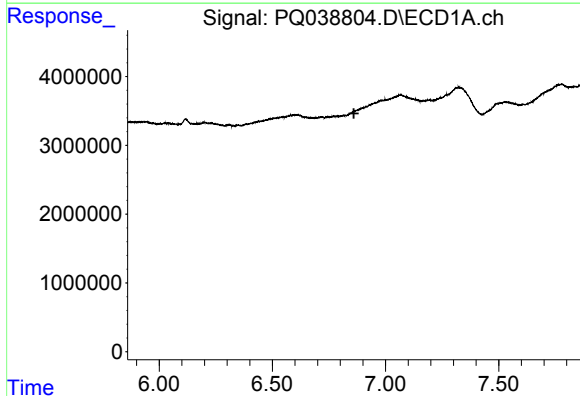
R.T.: 6.199 min
Delta R.T.: -0.016 min
Response: 1245512
Conc: 12.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



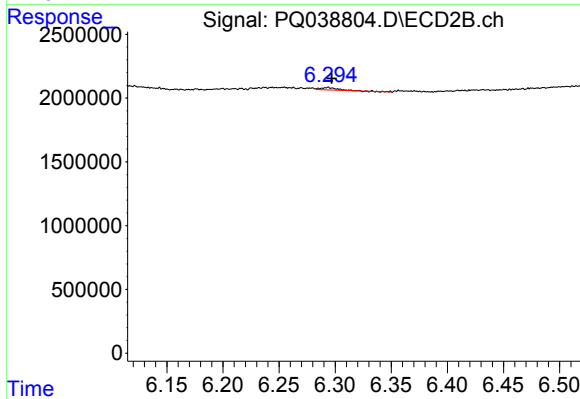
#11 AR-1232-1

R.T.: 5.345 min
Delta R.T.: -0.003 min
Response: 819590
Conc: 15.90 ng/ml



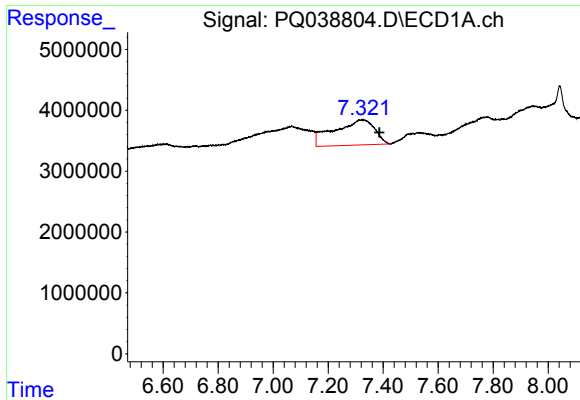
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.860 min
Response: 0
Conc: N.D.



#12 AR-1232-2

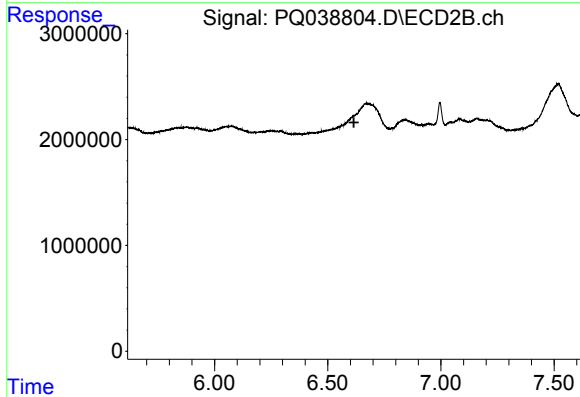
R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 208042
Conc: 3.57 ng/ml



#14 AR-1232-4

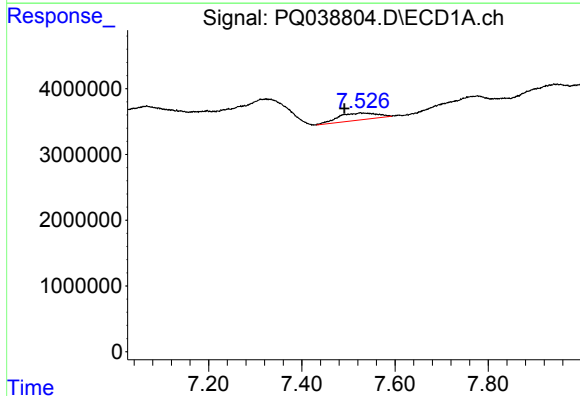
R.T.: 7.323 min
Delta R.T.: -0.063 min
Response: 42432222
Conc: 766.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



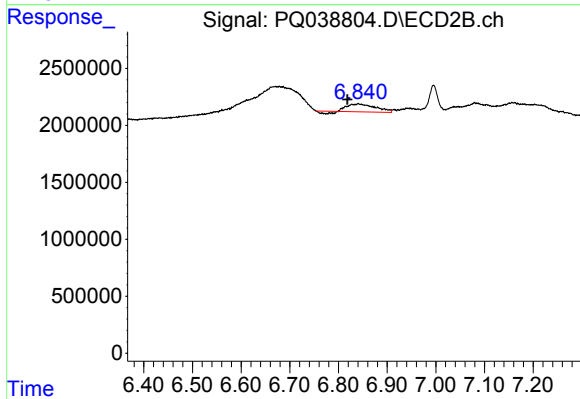
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.615 min
Response: 0
Conc: N.D.



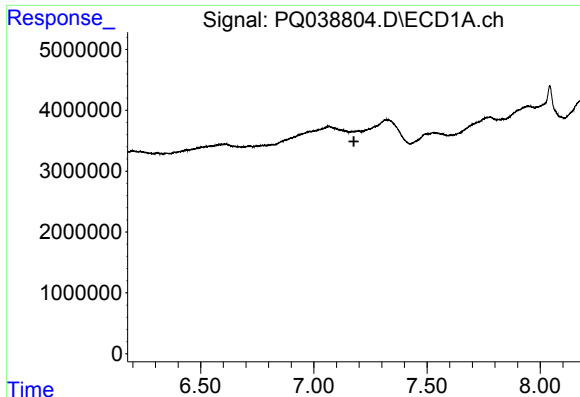
#15 AR-1232-5

R.T.: 7.526 min
Delta R.T.: 0.034 min
Response: 6279980
Conc: 161.02 ng/ml



#15 AR-1232-5

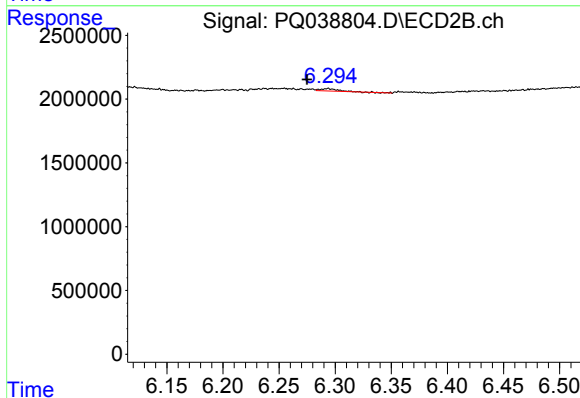
R.T.: 6.841 min
Delta R.T.: 0.022 min
Response: 2568198
Conc: 78.28 ng/ml



#16 AR-1242-1

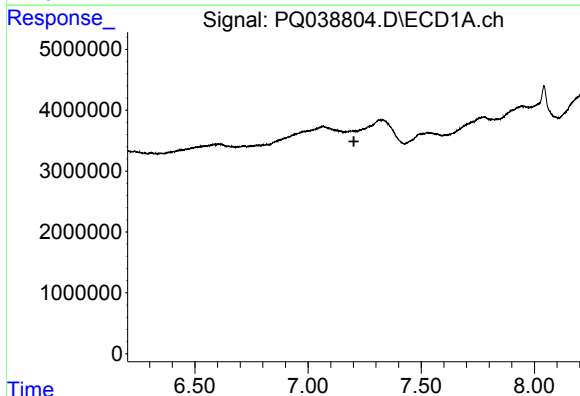
R.T.: 0.000 min
Exp R.T.: 7.177 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



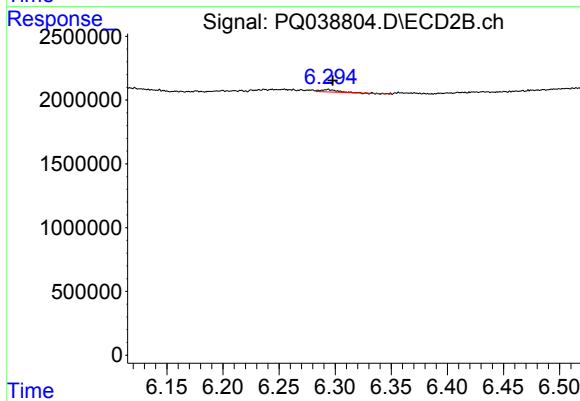
#16 AR-1242-1

R.T.: 6.293 min
Delta R.T.: 0.018 min
Response: 208042
Conc: 2.40 ng/ml



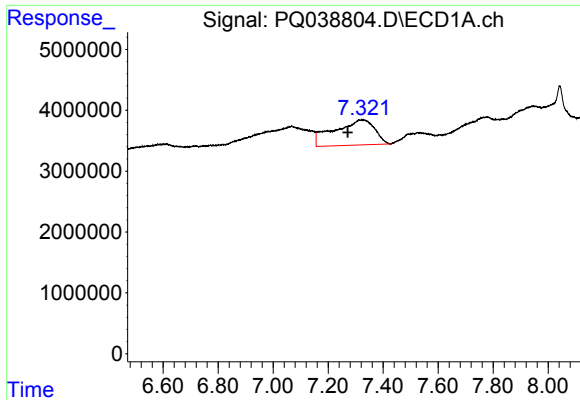
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 7.203 min
Response: 0
Conc: N.D.



#17 AR-1242-2

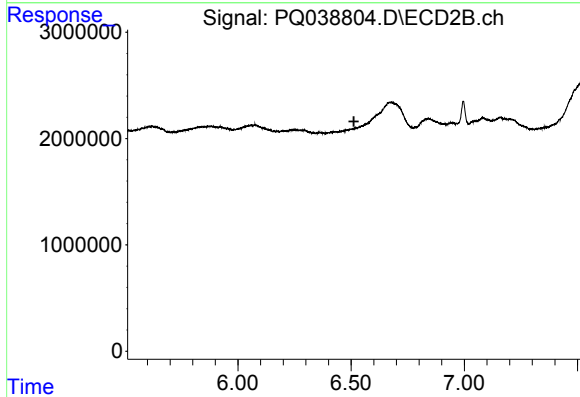
R.T.: 6.293 min
Delta R.T.: -0.004 min
Response: 208042
Conc: 1.67 ng/ml



#18 AR-1242-3

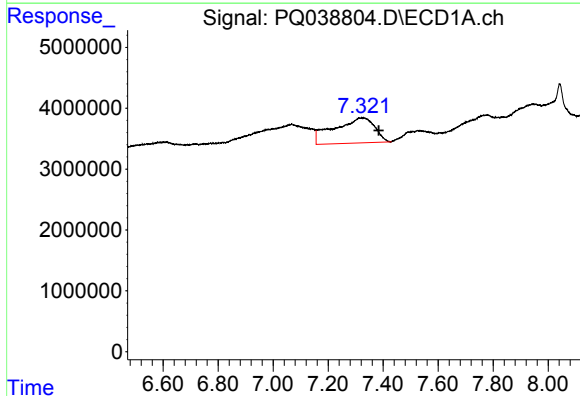
R.T.: 7.323 min
Delta R.T.: 0.051 min
Response: 42432222
Conc: 299.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



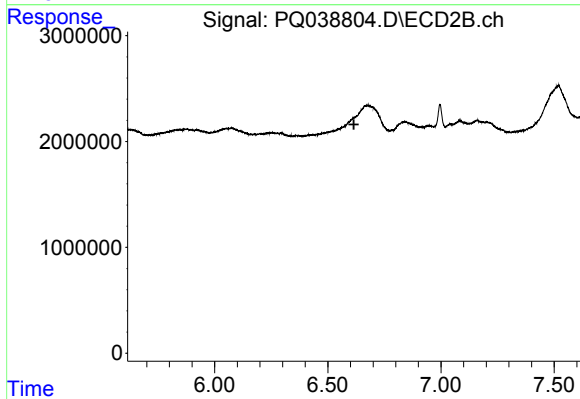
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.512 min
Response: 0
Conc: N.D.



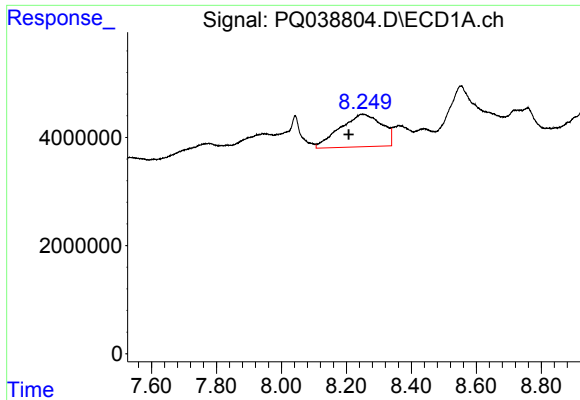
#19 AR-1242-4

R.T.: 7.323 min
Delta R.T.: -0.061 min
Response: 42432222
Conc: 366.74 ng/ml



#19 AR-1242-4

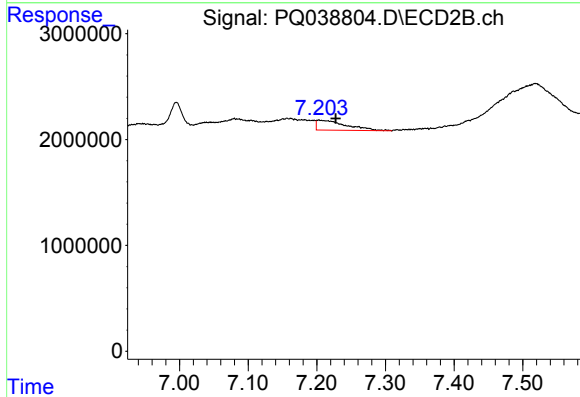
R.T.: 0.000 min
Exp R.T. : 6.615 min
Response: 0
Conc: N.D.



#20 AR-1242-5

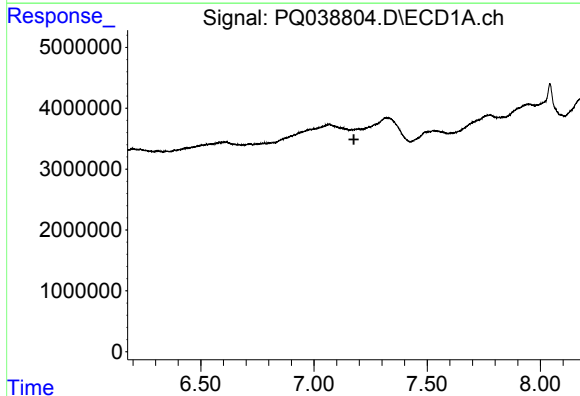
R.T.: 8.249 min
Delta R.T.: 0.042 min
Response: 53920661
Conc: 397.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



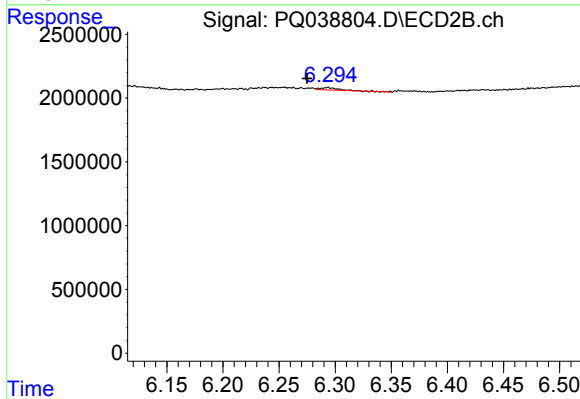
#20 AR-1242-5

R.T.: 7.203 min
Delta R.T.: -0.025 min
Response: 2776350
Conc: 29.07 ng/ml



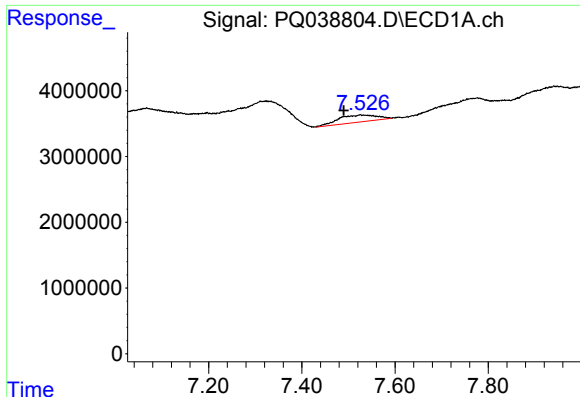
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 7.176 min
Response: 0
Conc: N.D.



#21 AR-1248-1

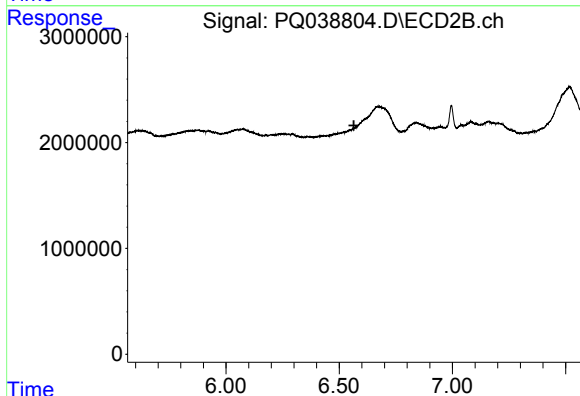
R.T.: 6.293 min
Delta R.T.: 0.019 min
Response: 208042
Conc: 3.45 ng/ml



#22 AR-1248-2

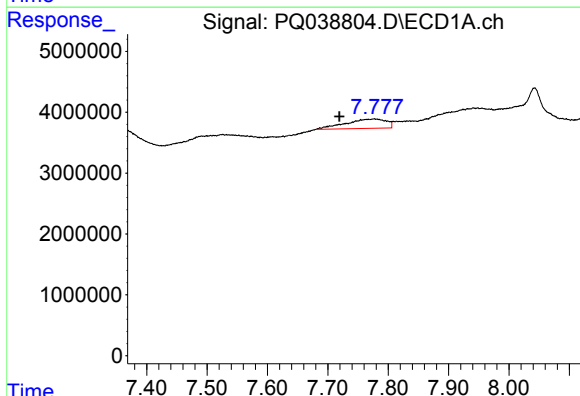
R.T.: 7.526 min
Delta R.T.: 0.036 min
Response: 6279980
Conc: 41.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



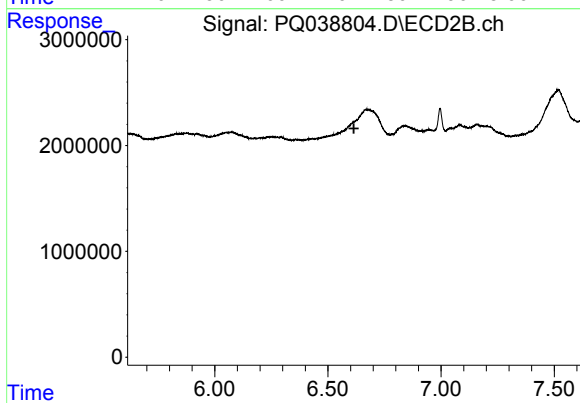
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



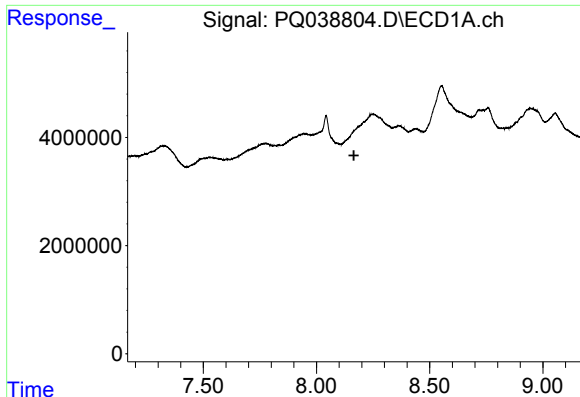
#23 AR-1248-3

R.T.: 7.777 min
Delta R.T.: 0.058 min
Response: 7136454
Conc: 39.04 ng/ml



#23 AR-1248-3

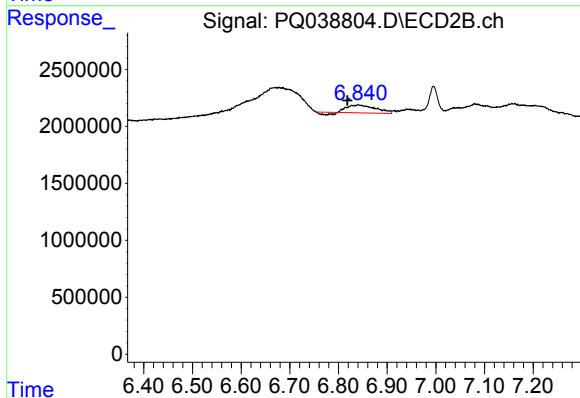
R.T.: 0.000 min
Exp R.T. : 6.615 min
Response: 0
Conc: N.D.



#24 AR-1248-4

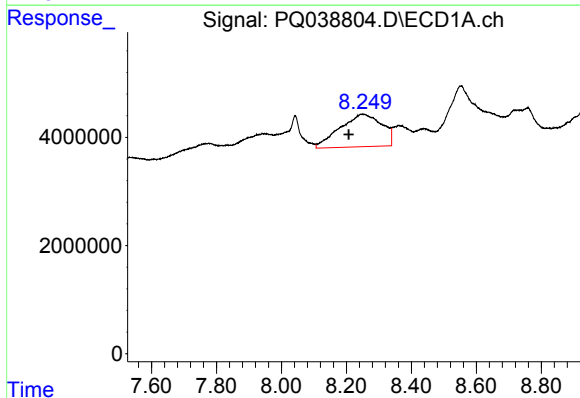
R.T.: 0.000 min
Exp R.T.: 8.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



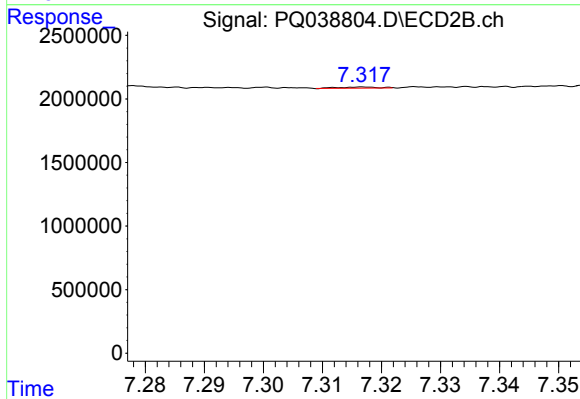
#24 AR-1248-4

R.T.: 6.841 min
Delta R.T.: 0.023 min
Response: 2568198
Conc: 22.40 ng/ml



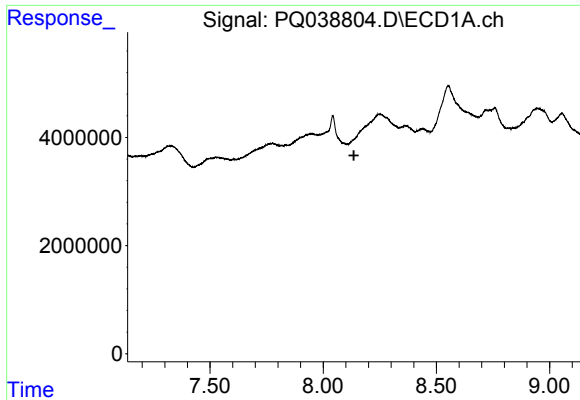
#25 AR-1248-5

R.T.: 8.249 min
Delta R.T.: 0.042 min
Response: 53920661
Conc: 265.70 ng/ml



#25 AR-1248-5

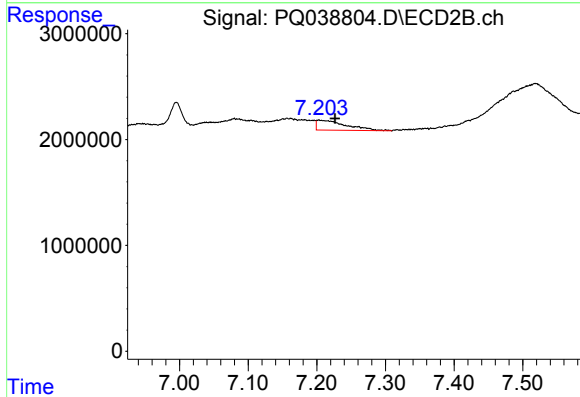
R.T.: 7.317 min
Delta R.T.: 0.044 min
Response: 42250
Conc: 0.37 ng/ml



#26 AR-1254-1

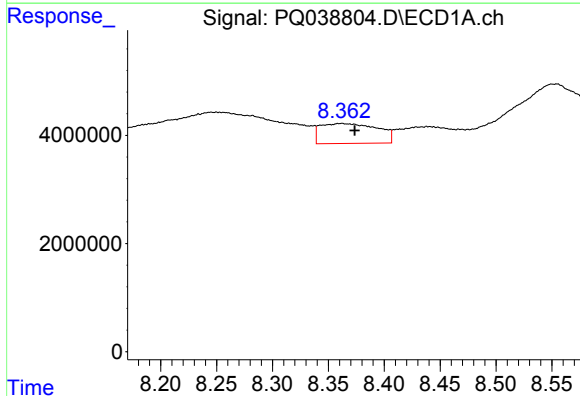
R.T.: 0.000 min
Exp R.T.: 8.136 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



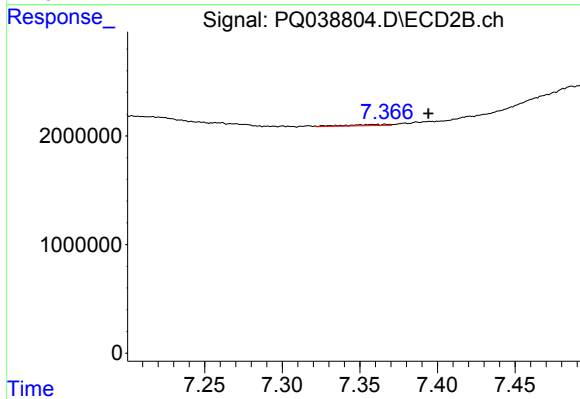
#26 AR-1254-1

R.T.: 7.203 min
Delta R.T.: -0.023 min
Response: 2776350
Conc: 15.11 ng/ml



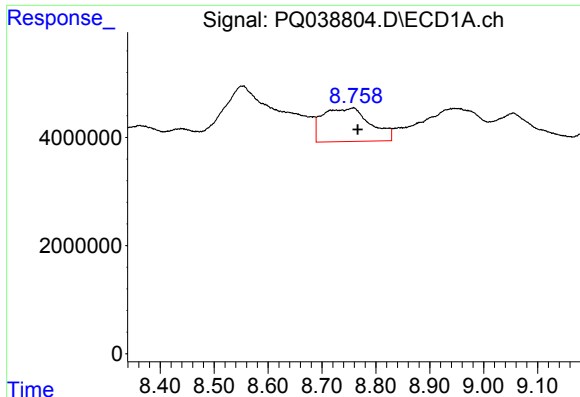
#27 AR-1254-2

R.T.: 8.362 min
Delta R.T.: -0.012 min
Response: 13126216
Conc: 38.75 ng/ml



#27 AR-1254-2

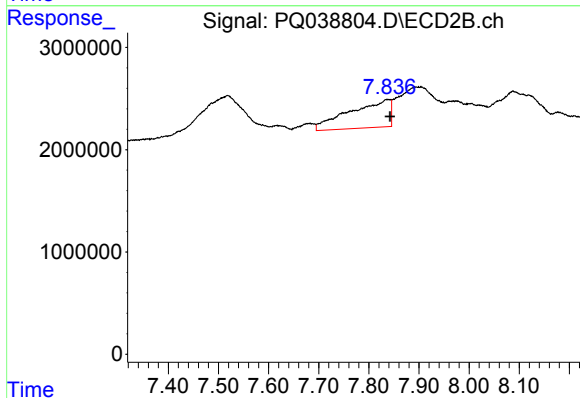
R.T.: 7.359 min
Delta R.T.: -0.035 min
Response: 195370
Conc: 1.21 ng/ml



#28 AR-1254-3

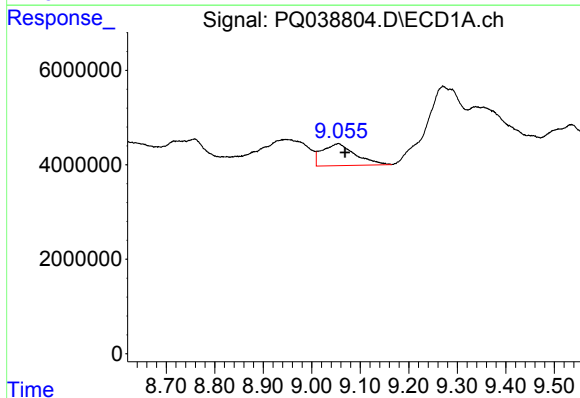
R.T.: 8.758 min
Delta R.T.: -0.009 min
Response: 37872251
Conc: 101.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



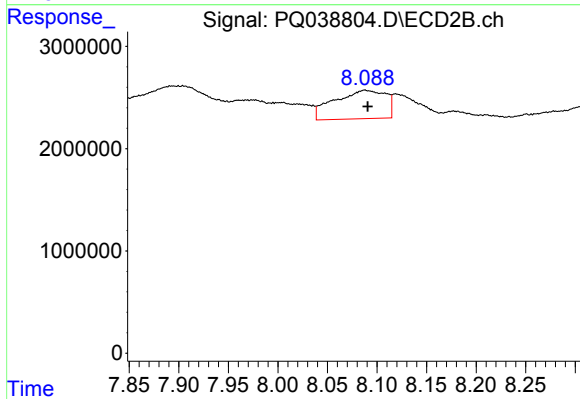
#28 AR-1254-3

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 15316391
Conc: 54.21 ng/ml



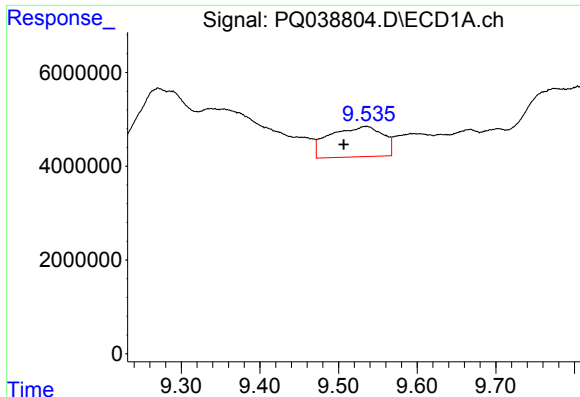
#29 AR-1254-4

R.T.: 9.054 min
Delta R.T.: -0.014 min
Response: 21836614
Conc: 85.63 ng/ml



#29 AR-1254-4

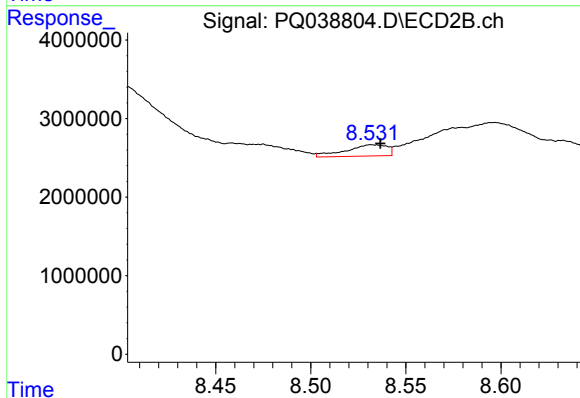
R.T.: 8.088 min
Delta R.T.: -0.003 min
Response: 10093035
Conc: 60.83 ng/ml



#30 AR-1254-5

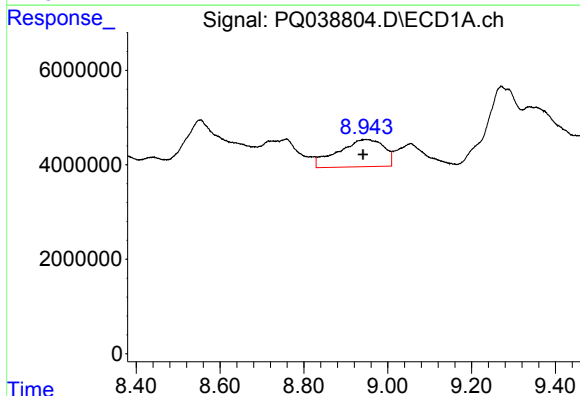
R.T.: 9.535 min
Delta R.T.: 0.028 min
Response: 30378257
Conc: 101.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



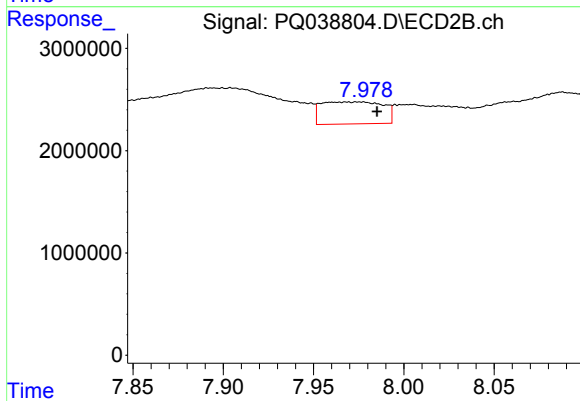
#30 AR-1254-5

R.T.: 8.532 min
Delta R.T.: -0.004 min
Response: 2158995
Conc: 8.76 ng/ml



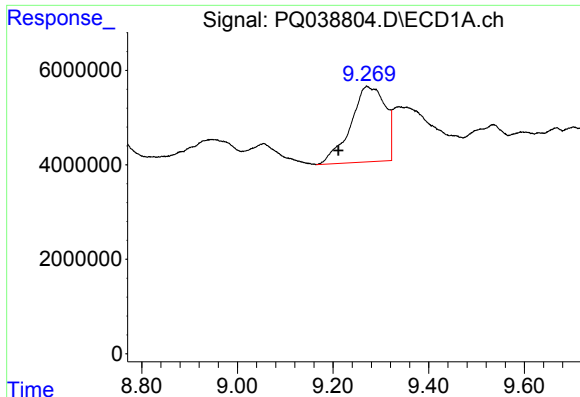
#31 AR-1260-1

R.T.: 8.948 min
Delta R.T.: 0.006 min
Response: 43727334
Conc: 91.41 ng/ml



#31 AR-1260-1

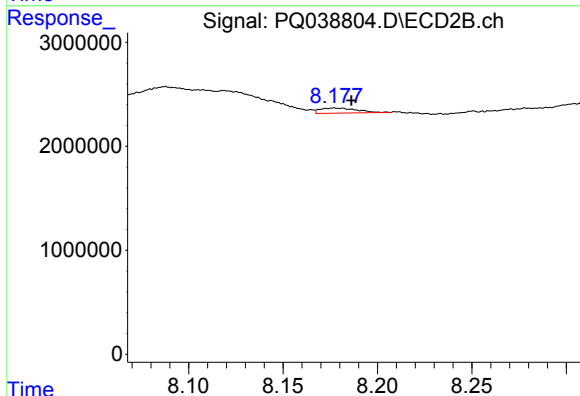
R.T.: 7.968 min
Delta R.T.: -0.017 min
Response: 5135019
Conc: 16.95 ng/ml



#32 AR-1260-2

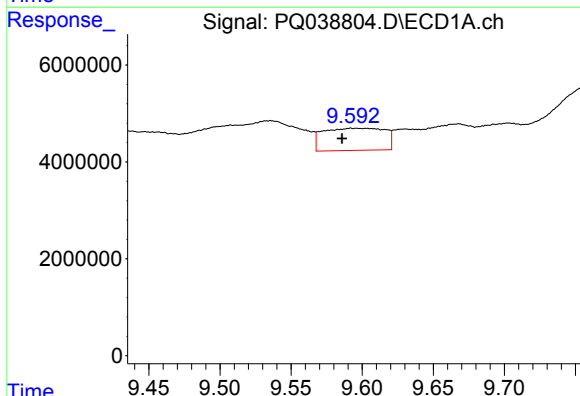
R.T.: 9.271 min
Delta R.T.: 0.060 min
Response: 80551795
Conc: 141.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



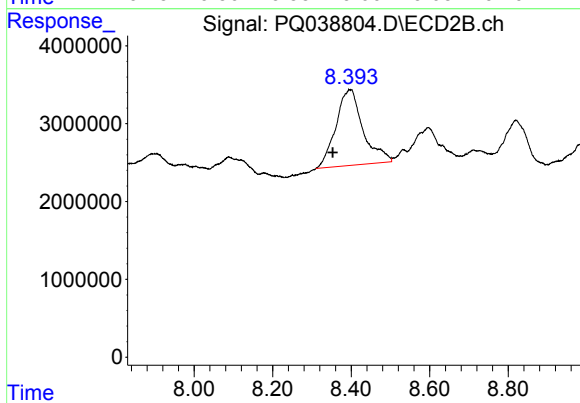
#32 AR-1260-2

R.T.: 8.177 min
Delta R.T.: -0.009 min
Response: 673161
Conc: 1.82 ng/ml



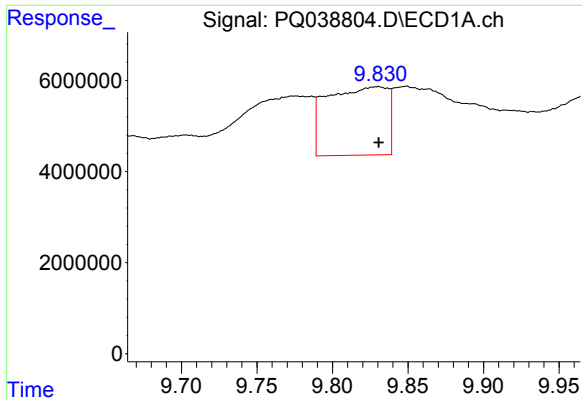
#33 AR-1260-3

R.T.: 9.595 min
Delta R.T.: 0.009 min
Response: 13764398
Conc: 31.59 ng/ml



#33 AR-1260-3

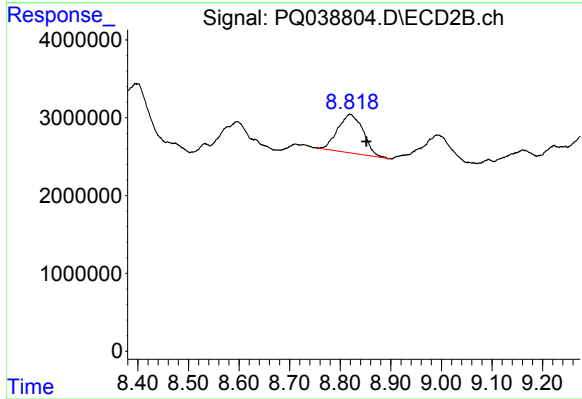
R.T.: 8.396 min
Delta R.T.: 0.042 min
Response: 46722576
Conc: 133.28 ng/ml



#34 AR-1260-4

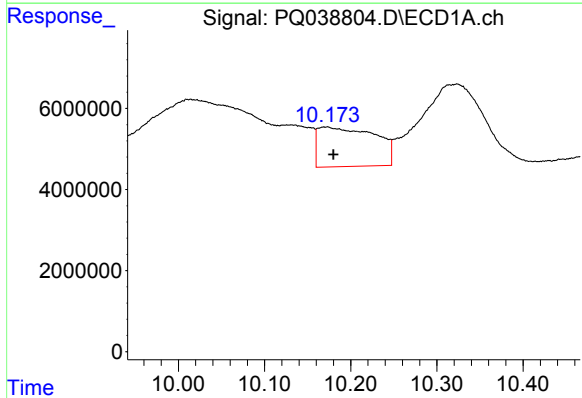
R.T.: 9.830 min
Delta R.T.: -0.001 min
Response: 41793273
Conc: 81.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



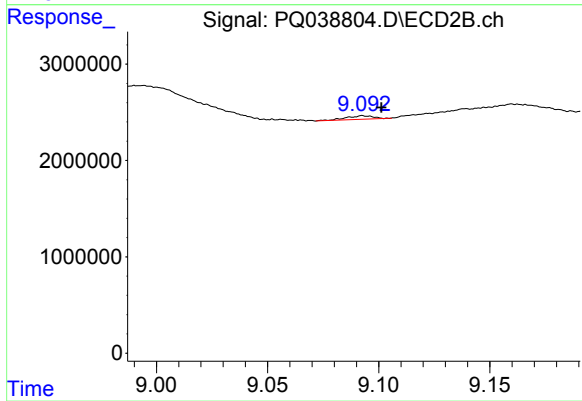
#34 AR-1260-4

R.T.: 8.820 min
Delta R.T.: -0.032 min
Response: 17190086
Conc: 59.53 ng/ml



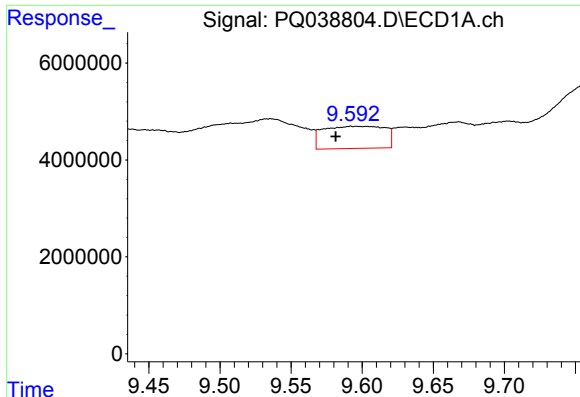
#35 AR-1260-5

R.T.: 10.171 min
Delta R.T.: -0.008 min
Response: 45007485
Conc: 43.35 ng/ml



#35 AR-1260-5

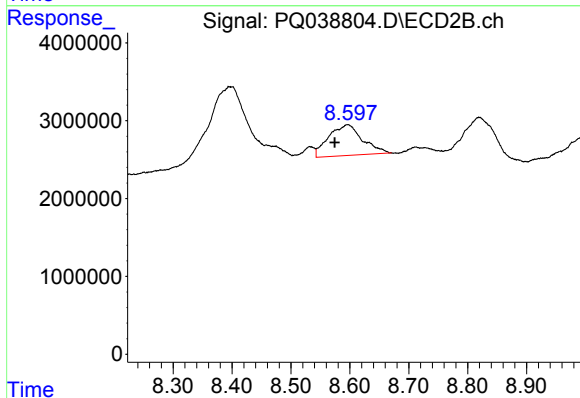
R.T.: 9.093 min
Delta R.T.: -0.008 min
Response: 301507
Conc: 0.43 ng/ml



#36 AR-1262-1

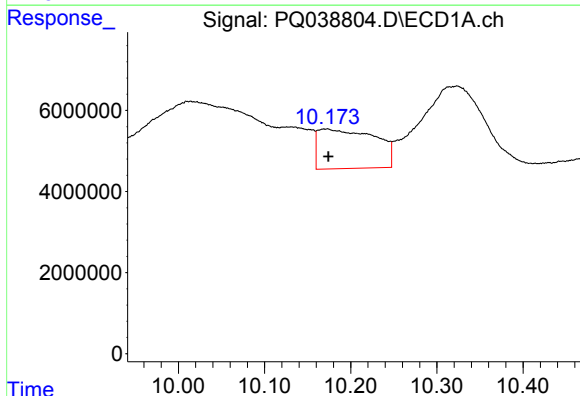
R.T.: 9.595 min
Delta R.T.: 0.014 min
Response: 13764398
Conc: 37.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



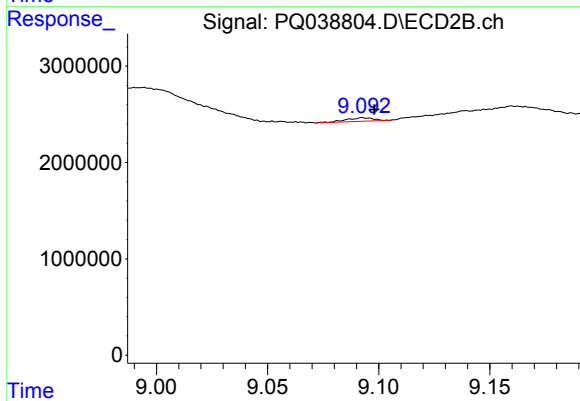
#36 AR-1262-1

R.T.: 8.596 min
Delta R.T.: 0.022 min
Response: 15917904
Conc: 60.80 ng/ml



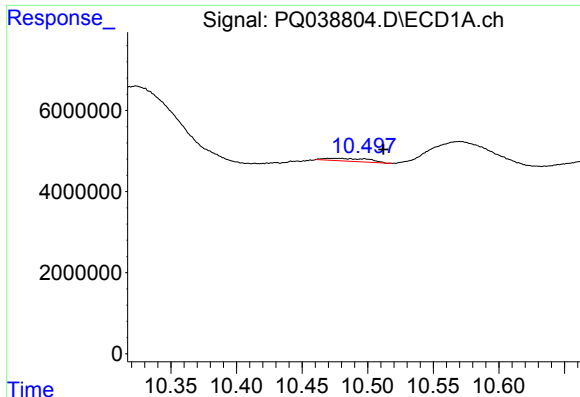
#37 AR-1262-2

R.T.: 10.171 min
Delta R.T.: -0.003 min
Response: 45007485
Conc: 68.08 ng/ml



#37 AR-1262-2

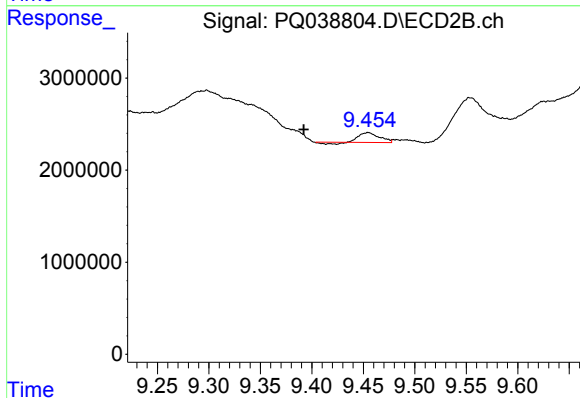
R.T.: 9.093 min
Delta R.T.: -0.005 min
Response: 301507
Conc: 0.63 ng/ml



#38 AR-1262-3

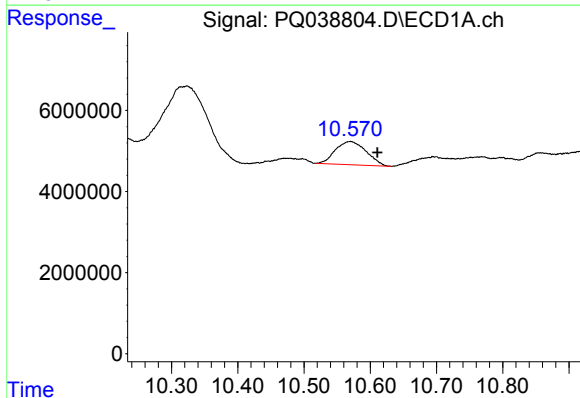
R.T.: 10.476 min
Delta R.T.: -0.036 min
Response: 1535202
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



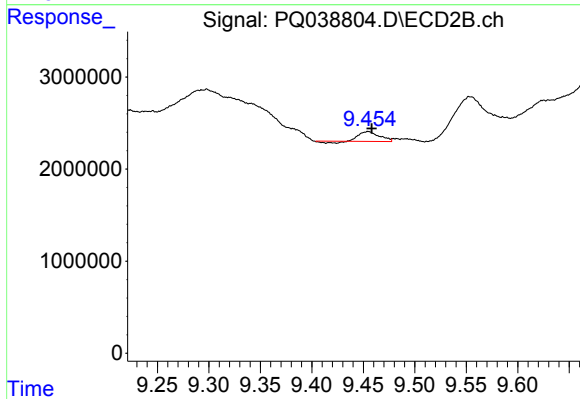
#38 AR-1262-3

R.T.: 9.455 min
Delta R.T.: 0.063 min
Response: 1361218
Conc: 7.01 ng/ml



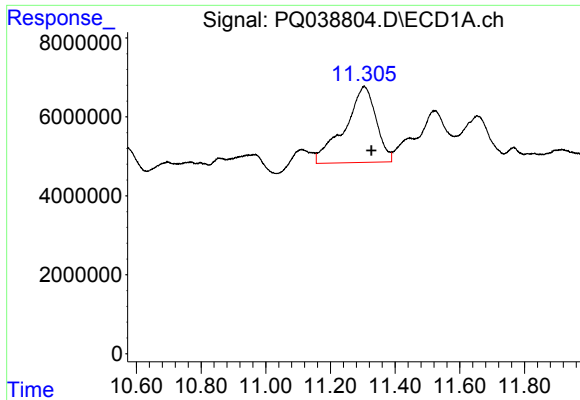
#39 AR-1262-4

R.T.: 10.570 min
Delta R.T.: -0.041 min
Response: 18540838
Conc: 51.69 ng/ml



#39 AR-1262-4

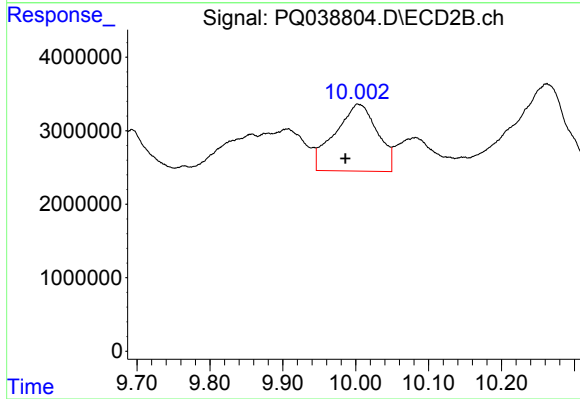
R.T.: 9.455 min
Delta R.T.: -0.003 min
Response: 1361218
Conc: 3.70 ng/ml



#40 AR-1262-5

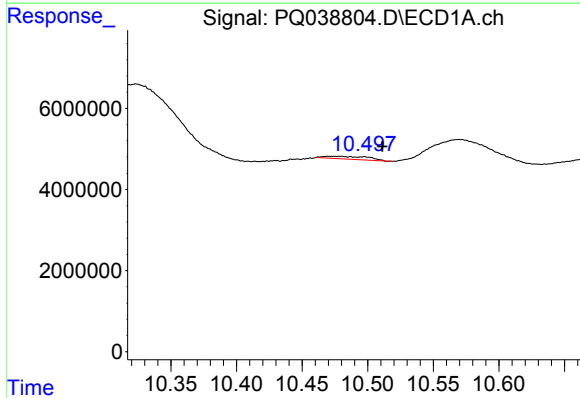
R.T.: 11.304 min
Delta R.T.: -0.022 min
Response: 129993097
Conc: 522.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



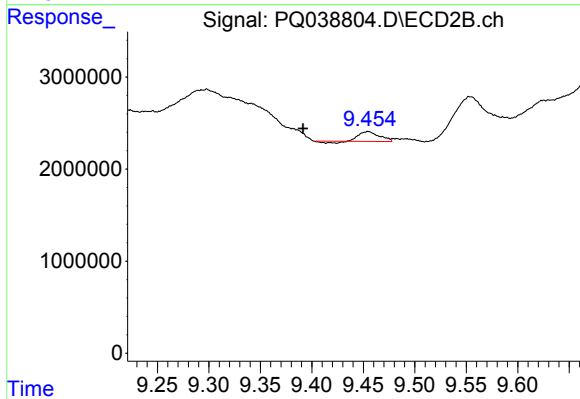
#40 AR-1262-5

R.T.: 10.003 min
Delta R.T.: 0.017 min
Response: 36759036
Conc: 243.35 ng/ml



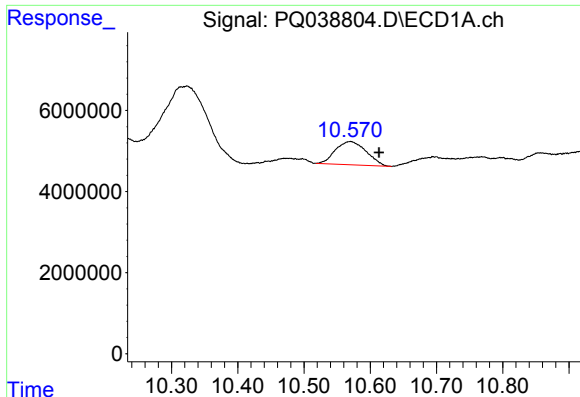
#41 AR-1268-1

R.T.: 10.476 min
Delta R.T.: -0.035 min
Response: 1535202
Conc: 1.03 ng/ml



#41 AR-1268-1

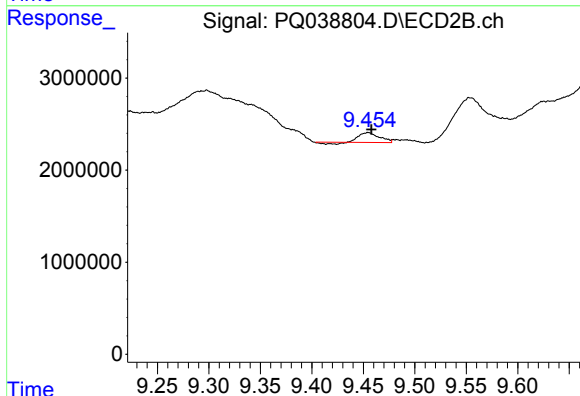
R.T.: 9.455 min
Delta R.T.: 0.063 min
Response: 1361218
Conc: 1.35 ng/ml



#42 AR-1268-2

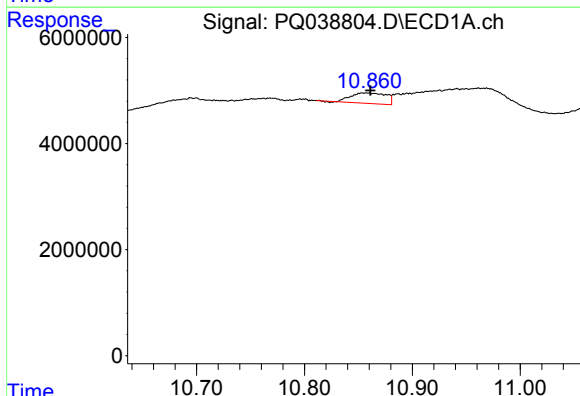
R.T.: 10.570 min
Delta R.T.: -0.043 min
Response: 18540838
Conc: 13.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



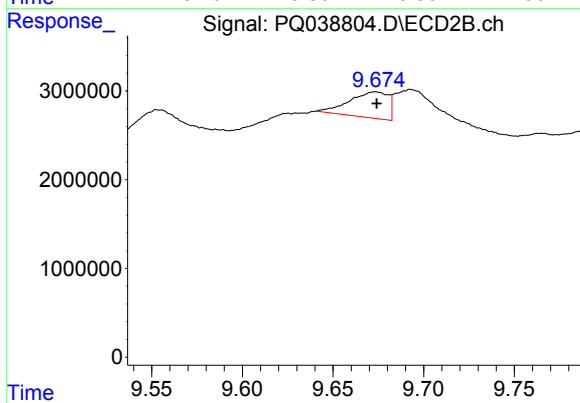
#42 AR-1268-2

R.T.: 9.455 min
Delta R.T.: -0.003 min
Response: 1361218
Conc: 1.46 ng/ml



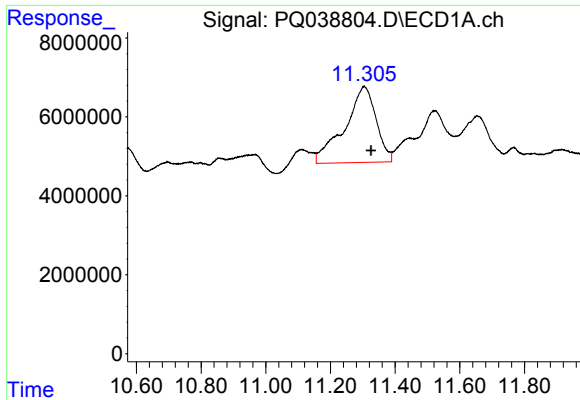
#43 AR-1268-3

R.T.: 10.857 min
Delta R.T.: -0.005 min
Response: 4410570
Conc: 3.60 ng/ml



#43 AR-1268-3

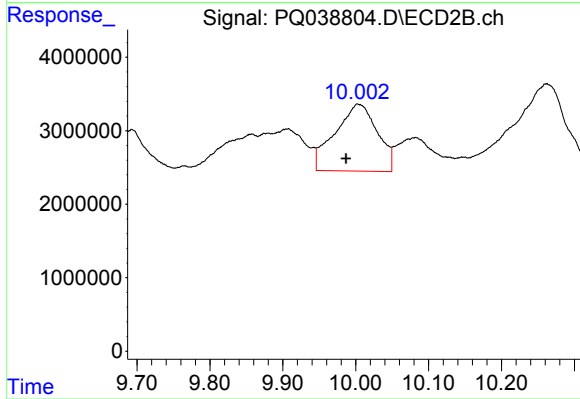
R.T.: 9.673 min
Delta R.T.: 0.000 min
Response: 4359986
Conc: 5.52 ng/ml



#44 AR-1268-4

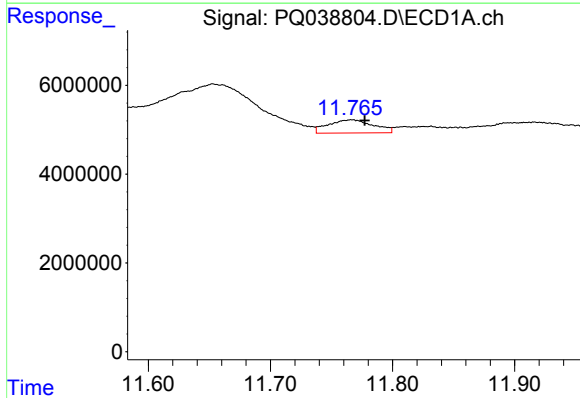
R.T.: 11.304 min
Delta R.T.: -0.022 min
Response: 129993097
Conc: 259.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5Z4



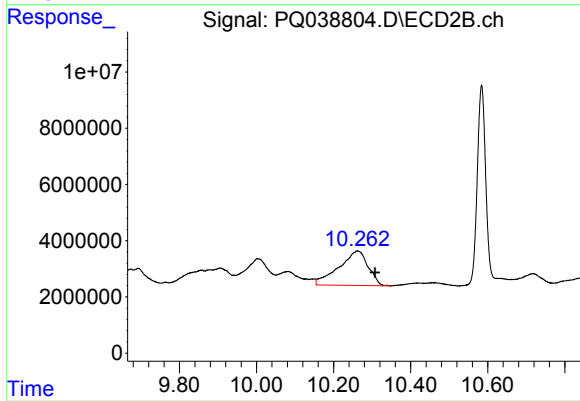
#44 AR-1268-4

R.T.: 10.003 min
Delta R.T.: 0.016 min
Response: 36759036
Conc: 118.25 ng/ml



#45 AR-1268-5

R.T.: 11.766 min
Delta R.T.: -0.011 min
Response: 7651796
Conc: 1.81 ng/ml



#45 AR-1268-5

R.T.: 10.262 min
Delta R.T.: -0.046 min
Response: 64666728
Conc: 25.97 ng/ml