

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032519\
 Data File : PQ038295.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2019 14:27
 Operator : SM\SJ
 Sample : K2031-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5S2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:36:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:45:22 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...	4.725	4.006	79453455	36848648	19.278	21.833
2)	SA Decachlor...	10.685	9.207	192.5E6	1312378	35.388	0.555 #
Target Compounds							
3)	L1 AR-1016-1	0.000	5.137	0	652775	N.D.	6.110 #
4)	L1 AR-1016-2	0.000	5.137	0	652775	N.D.	4.214 #
5)	L1 AR-1016-3	0.000	5.349	0	789695	N.D.	9.849 #
6)	L1 AR-1016-4	0.000	5.349	0	789695	N.D.	12.437 #
7)	L1 AR-1016-5	0.000	5.572	0	1533279	N.D.	17.506 #
9)	L2 AR-1221-2	0.000	4.316	0	717968	N.D.	43.128 #
10)	L2 AR-1221-3	0.000	4.435	0	680739	N.D.	11.966 #
11)	L3 AR-1232-1	0.000	4.435	0	680739	N.D.	16.650 #
12)	L3 AR-1232-2	0.000	5.137	0	652775	N.D.	14.626 #
13)	L3 AR-1232-3	0.000	5.349	0	789695	N.D.	32.821 #
14)	L3 AR-1232-4	0.000	5.398	0	765676	N.D.	33.901 #
15)	L3 AR-1232-5	0.000	5.572	0	1533279	N.D.	63.347 #
16)	L4 AR-1242-1	0.000	5.137	0	652775	N.D.	9.270 #
17)	L4 AR-1242-2	0.000	5.137	0	652775	N.D.	6.479 #
18)	L4 AR-1242-3	0.000	5.349	0	789695	N.D.	14.751 #
19)	L4 AR-1242-4	0.000	5.398	0	765676	N.D.	14.106 #
20)	L4 AR-1242-5	0.000	5.924	0	879747	N.D.	11.968 #
21)	L5 AR-1248-1	0.000	5.137	0	652775	N.D.	13.008 #
22)	L5 AR-1248-2	0.000	5.349	0	789695	N.D.	11.082 #
23)	L5 AR-1248-3	0.000	5.398	0	765676	N.D.	10.453 #
24)	L5 AR-1248-4	6.768	5.572	2180324	1533279	10.399	16.957 #
25)	L5 AR-1248-5	0.000	6.000	0	336037	N.D.	3.745 #
26)	L6 AR-1254-1	6.768	5.924	2180324	879747	9.080	5.472 #
27)	L6 AR-1254-2	6.987	0.000	5014600	0	13.296	N.D. #
28)	L6 AR-1254-3	7.358	6.482	1541836	3953594	3.798	16.444 #
29)	L6 AR-1254-4	7.644	6.739	1752792	222453	6.227	1.435 #
30)	L6 AR-1254-5	8.066	7.130	4157481	720732	12.880	3.555 #
31)	L7 AR-1260-1	7.519	6.615	1897928	1895312	4.461	9.270 #
32)	L7 AR-1260-2	7.776	6.796	1626487	1683313	3.168	6.571 #
33)	L7 AR-1260-3	8.138	6.959	1079892	3327367	2.792	13.909 #
34)	L7 AR-1260-4	8.376	7.434	983439	2176312	2.156	10.995 #
35)	L7 AR-1260-5	8.724	7.705	2483418	115010	2.623	0.234 #
36)	L8 AR-1262-1	8.138	7.167	1079892	347634	2.724	1.614 #
37)	L8 AR-1262-2	8.724	7.670	2483418	763758	3.482	1.960 #
38)	L8 AR-1262-3	0.000	7.958	0	2632389	N.D.	17.681 #
39)	L8 AR-1262-4	0.000	8.018	0	1491767	N.D.	5.234 #
40)	L8 AR-1262-5	0.000	8.532	0	7470539	N.D.	63.206 #
41)	L9 AR-1268-1	0.000	7.958	0	2632389	N.D.	3.287 #
42)	L9 AR-1268-2	0.000	8.018	0	1491767	N.D.	2.055 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:36:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.236	0	6712122	N.D.	10.668 #
44) L9	AR-1268-4	0.000	8.532	0	7470539	N.D.	31.729 #
45) L9	AR-1268-5	10.317	8.865	2931672	2663472	0.681	1.383 #

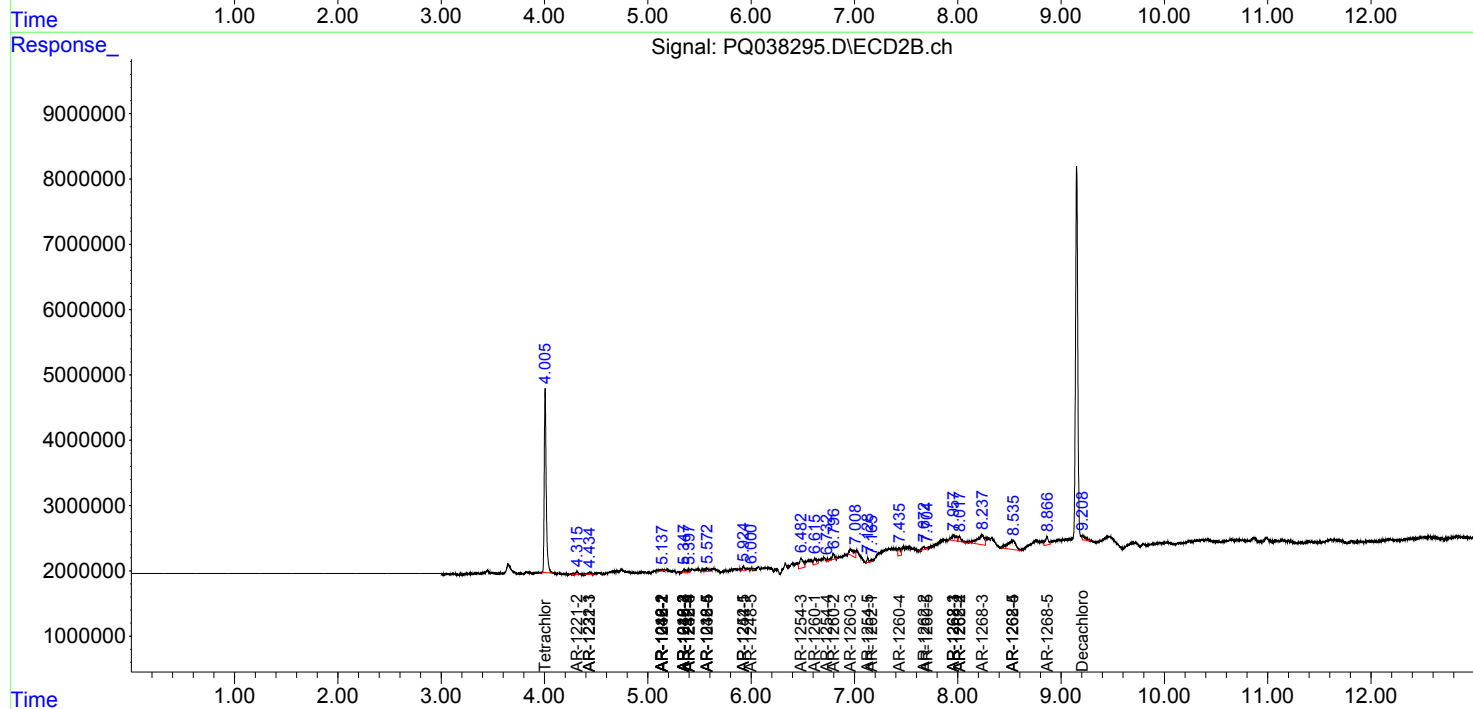
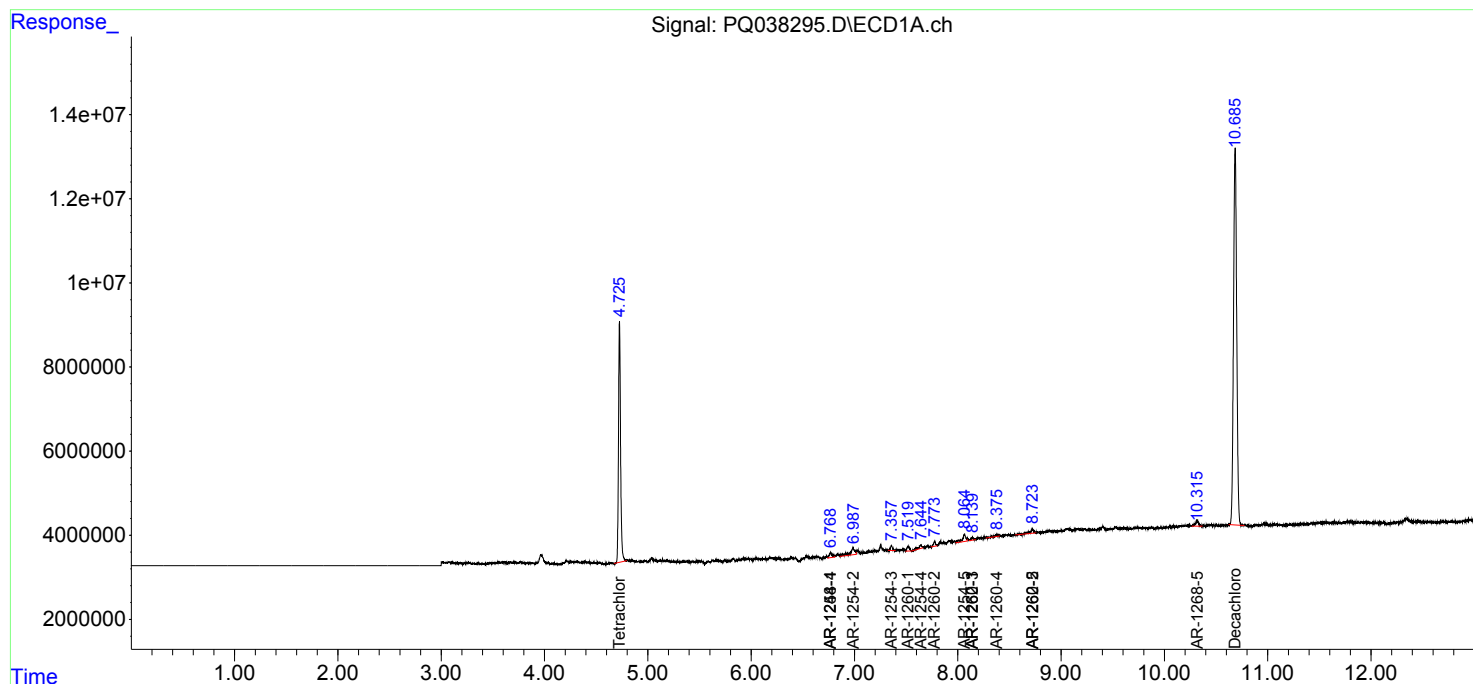
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

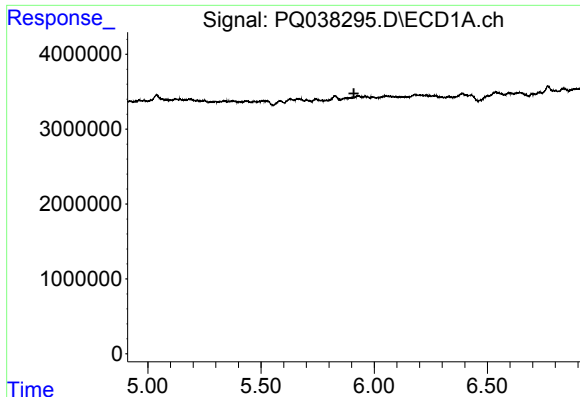
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032519\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

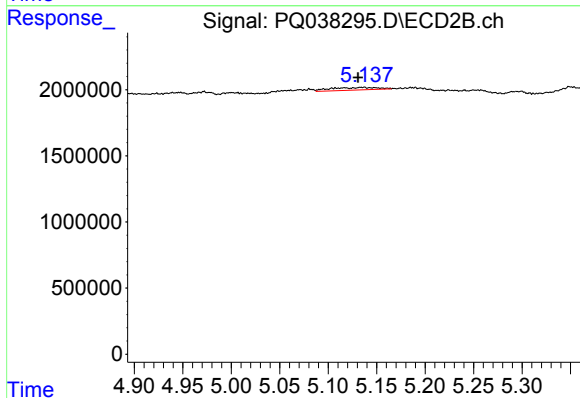




#3 AR-1016-1

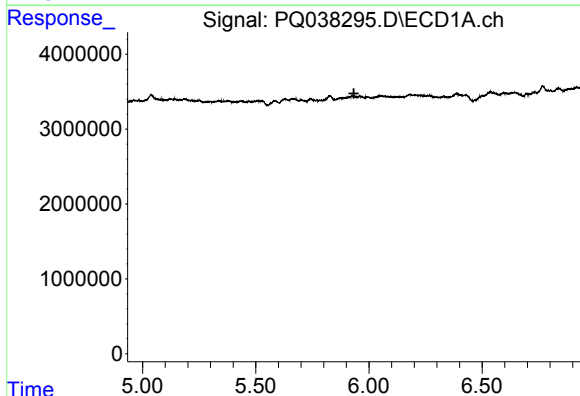
R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



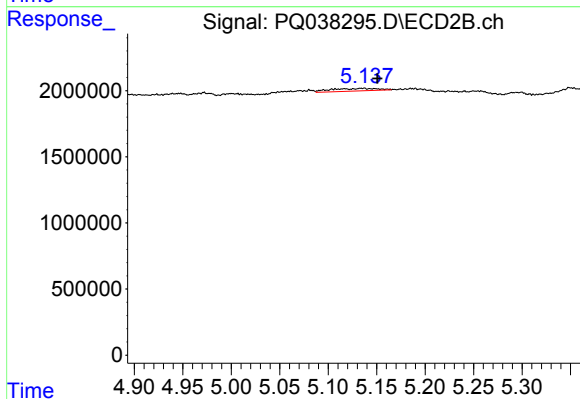
#3 AR-1016-1

R.T.: 5.137 min
Delta R.T.: 0.006 min
Response: 652775
Conc: 6.11 ng/ml



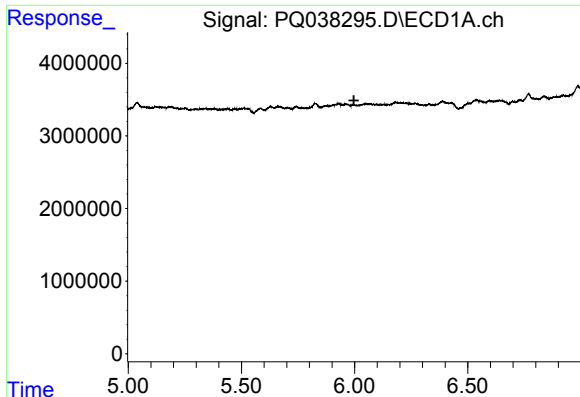
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.934 min
Response: 0
Conc: N.D.



#4 AR-1016-2

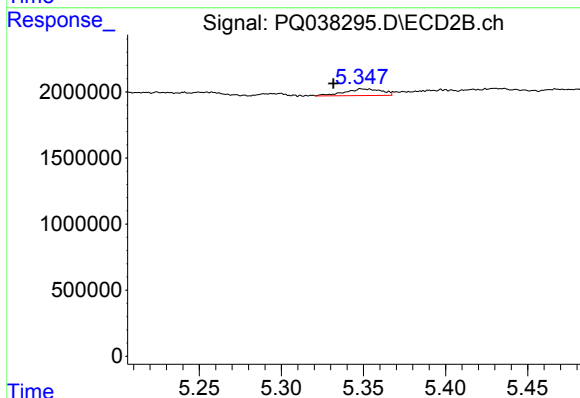
R.T.: 5.137 min
Delta R.T.: -0.014 min
Response: 652775
Conc: 4.21 ng/ml



#5 AR-1016-3

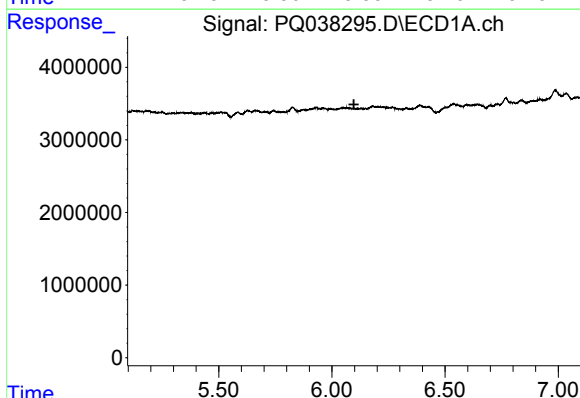
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



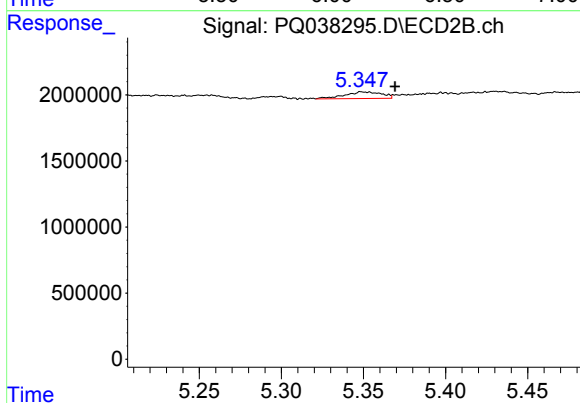
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: 0.018 min
Response: 789695
Conc: 9.85 ng/ml



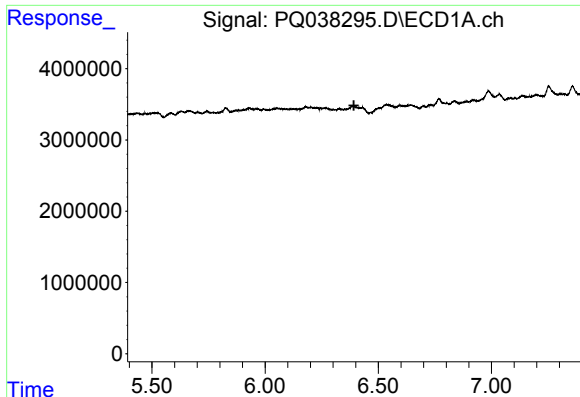
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.



#6 AR-1016-4

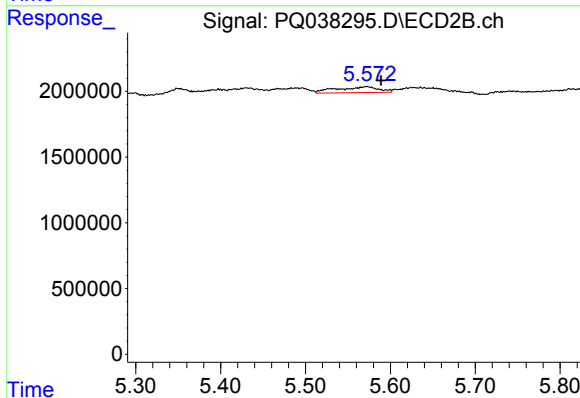
R.T.: 5.349 min
Delta R.T.: -0.020 min
Response: 789695
Conc: 12.44 ng/ml



#7 AR-1016-5

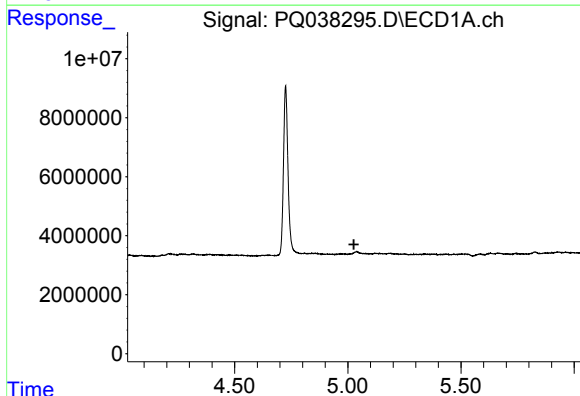
R.T.: 0.000 min
Exp R.T.: 6.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



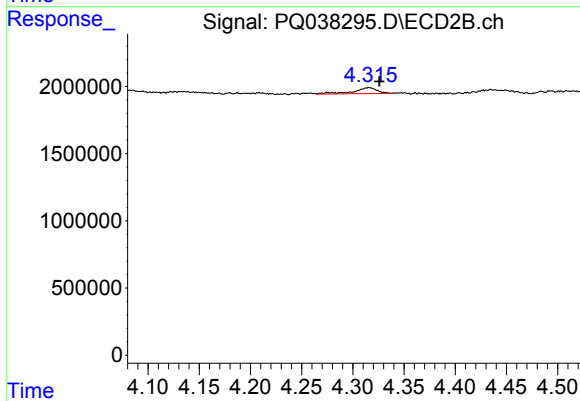
#7 AR-1016-5

R.T.: 5.572 min
Delta R.T.: -0.017 min
Response: 1533279
Conc: 17.51 ng/ml



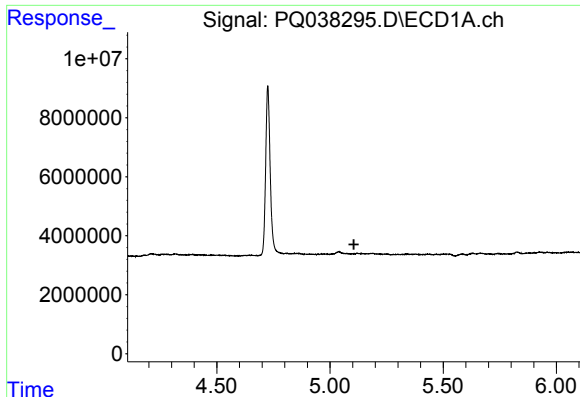
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.



#9 AR-1221-2

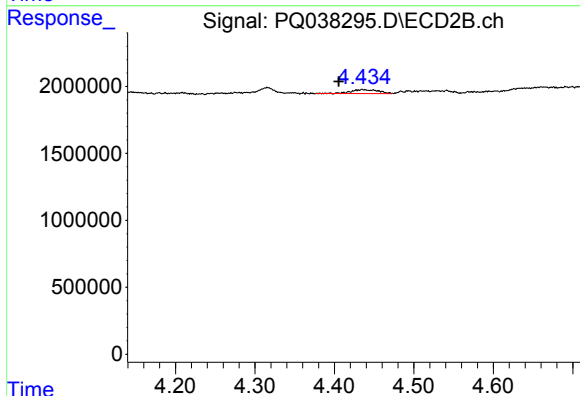
R.T.: 4.316 min
Delta R.T.: -0.010 min
Response: 717968
Conc: 43.13 ng/ml



#10 AR-1221-3

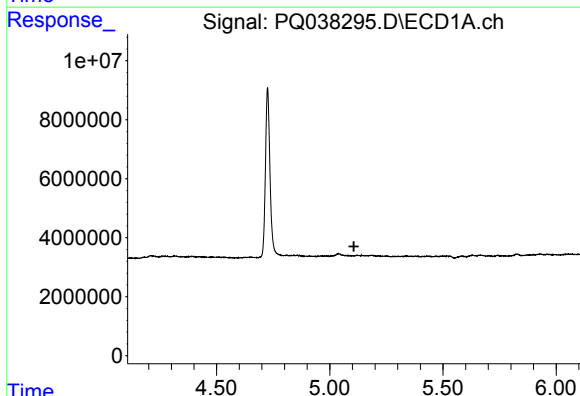
R.T.: 0.000 min
Exp R.T.: 5.105 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



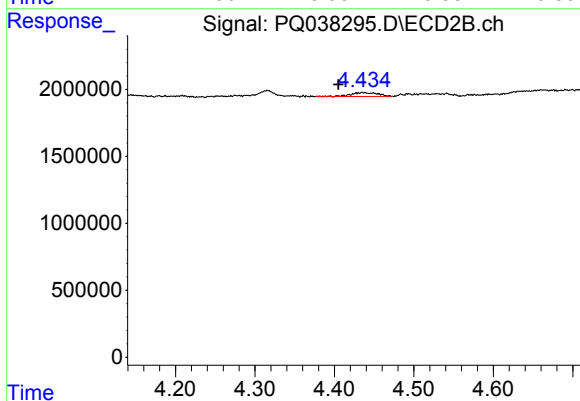
#10 AR-1221-3

R.T.: 4.435 min
Delta R.T.: 0.030 min
Response: 680739
Conc: 11.97 ng/ml



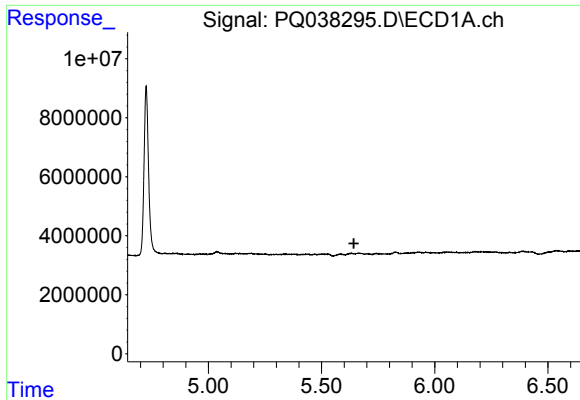
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.106 min
Response: 0
Conc: N.D.



#11 AR-1232-1

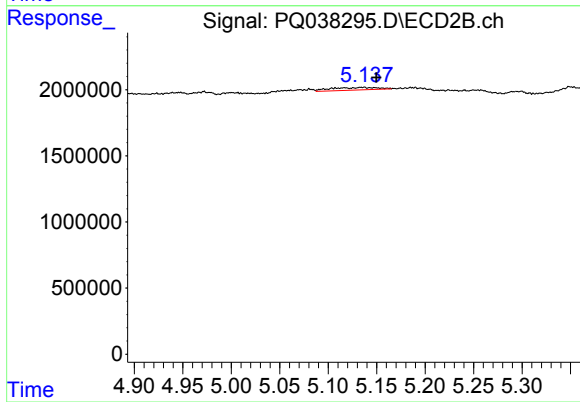
R.T.: 4.435 min
Delta R.T.: 0.030 min
Response: 680739
Conc: 16.65 ng/ml



#12 AR-1232-2

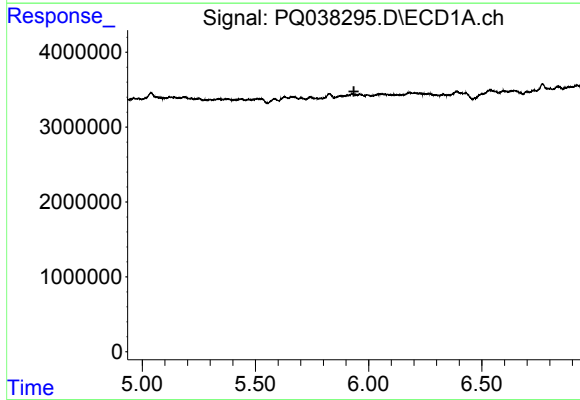
R.T.: 0.000 min
Exp R.T. : 5.643 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



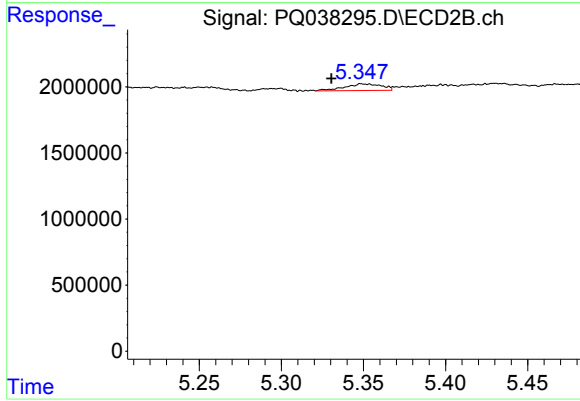
#12 AR-1232-2

R.T.: 5.137 min
Delta R.T.: -0.013 min
Response: 652775
Conc: 14.63 ng/ml



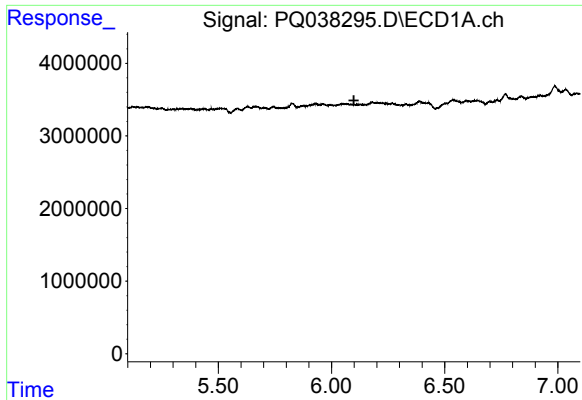
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.935 min
Response: 0
Conc: N.D.



#13 AR-1232-3

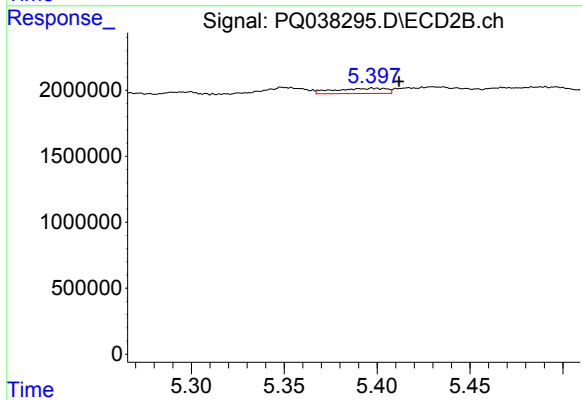
R.T.: 5.349 min
Delta R.T.: 0.019 min
Response: 789695
Conc: 32.82 ng/ml



#14 AR-1232-4

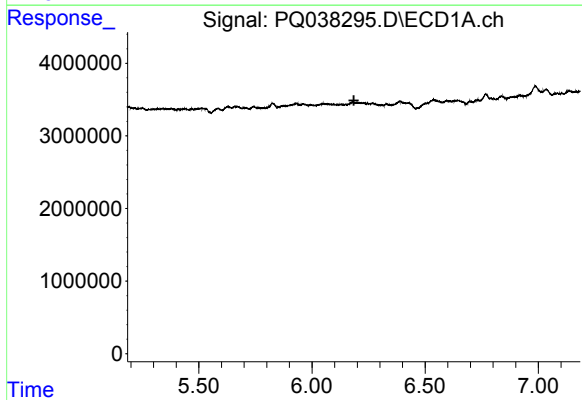
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



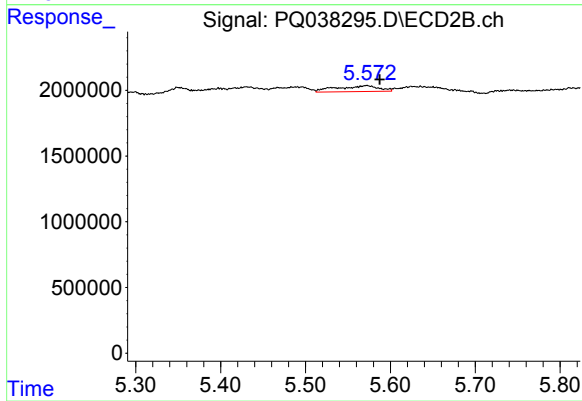
#14 AR-1232-4

R.T.: 5.398 min
Delta R.T.: -0.014 min
Response: 765676
Conc: 33.90 ng/ml



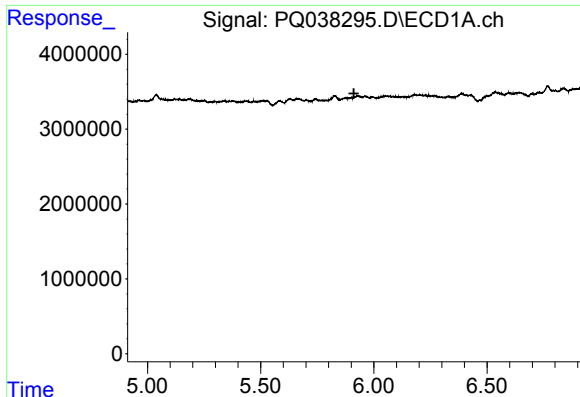
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.



#15 AR-1232-5

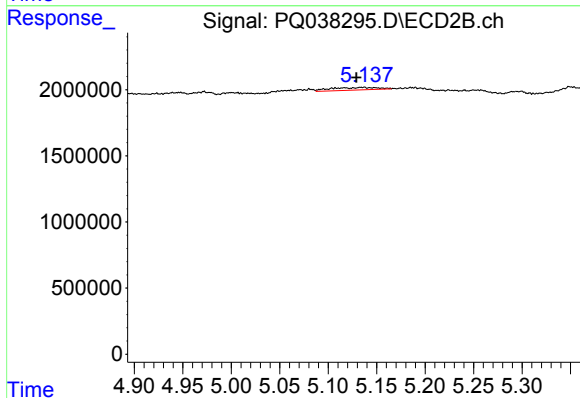
R.T.: 5.572 min
Delta R.T.: -0.015 min
Response: 1533279
Conc: 63.35 ng/ml



#16 AR-1242-1

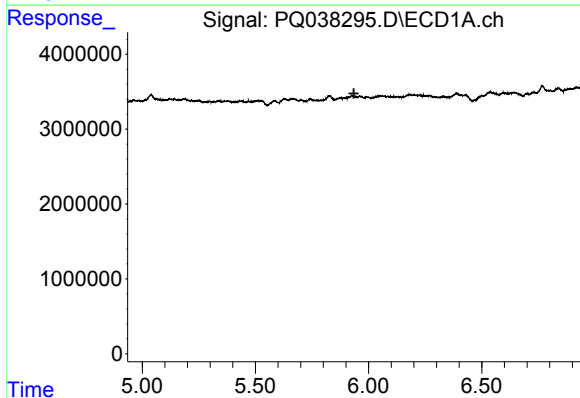
R.T.: 0.000 min
Exp R.T.: 5.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



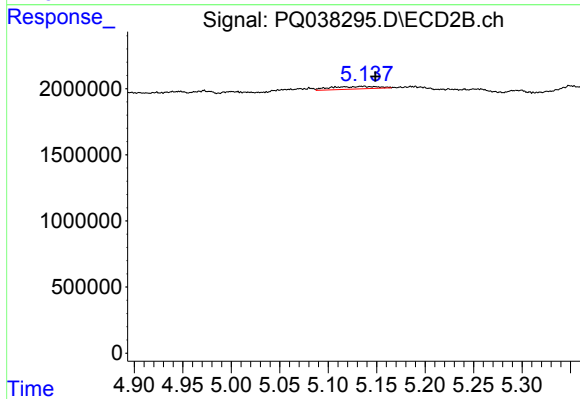
#16 AR-1242-1

R.T.: 5.137 min
Delta R.T.: 0.008 min
Response: 652775
Conc: 9.27 ng/ml



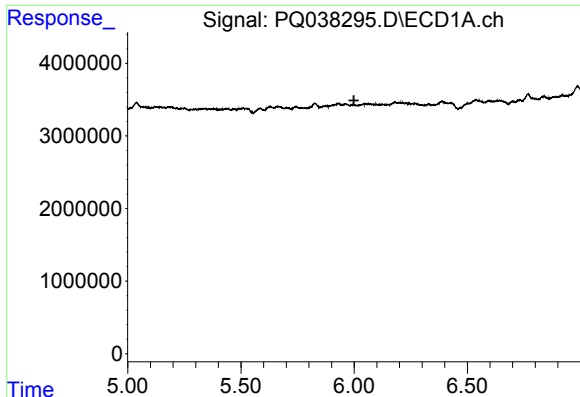
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.935 min
Response: 0
Conc: N.D.



#17 AR-1242-2

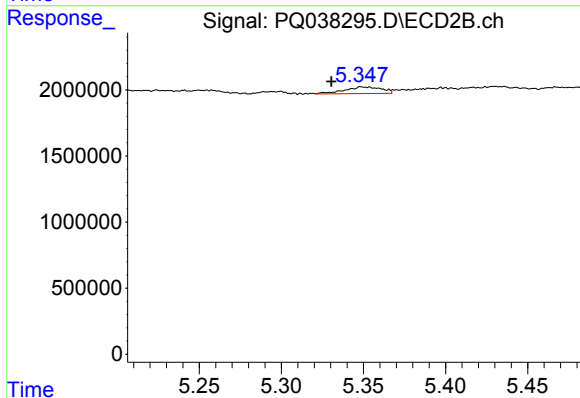
R.T.: 5.137 min
Delta R.T.: -0.012 min
Response: 652775
Conc: 6.48 ng/ml



#18 AR-1242-3

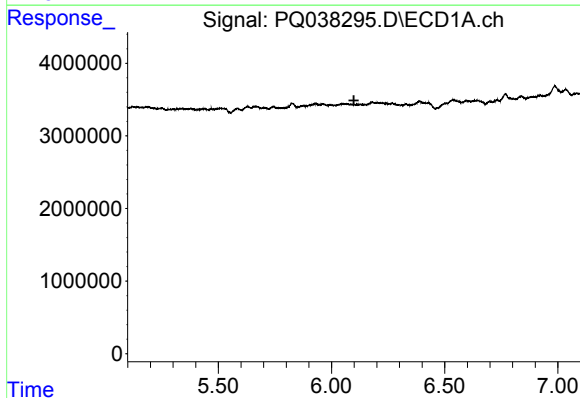
R.T.: 0.000 min
Exp R.T.: 5.999 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



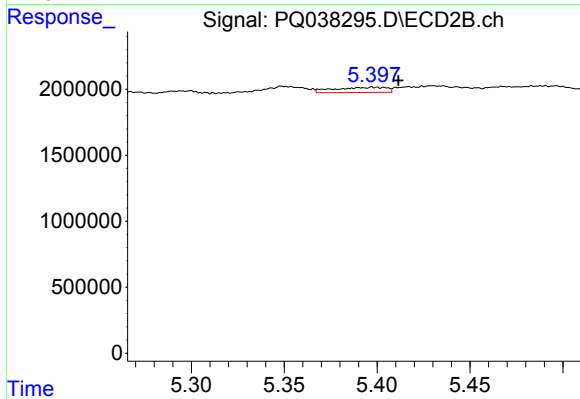
#18 AR-1242-3

R.T.: 5.349 min
Delta R.T.: 0.019 min
Response: 789695
Conc: 14.75 ng/ml



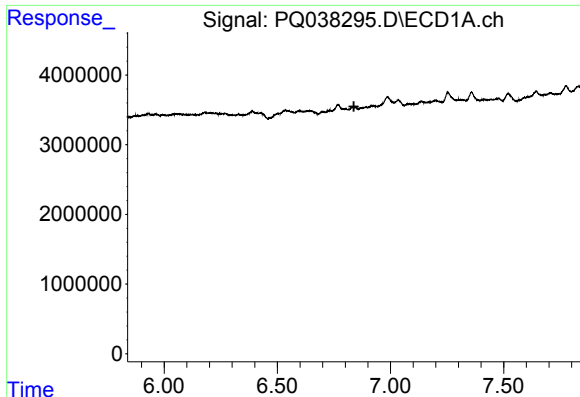
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.



#19 AR-1242-4

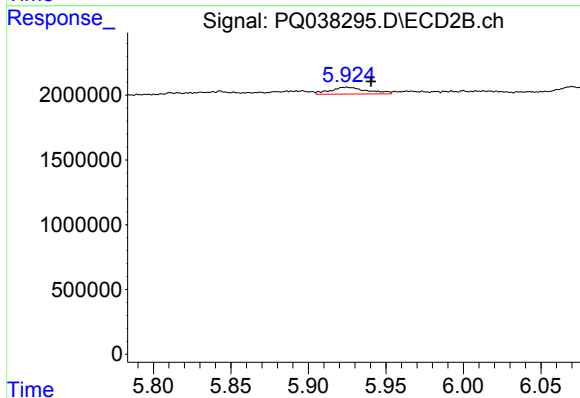
R.T.: 5.398 min
Delta R.T.: -0.013 min
Response: 765676
Conc: 14.11 ng/ml



#20 AR-1242-5

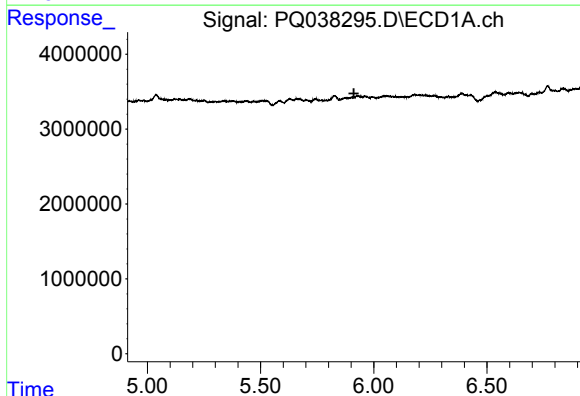
R.T.: 0.000 min
Exp R.T.: 6.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



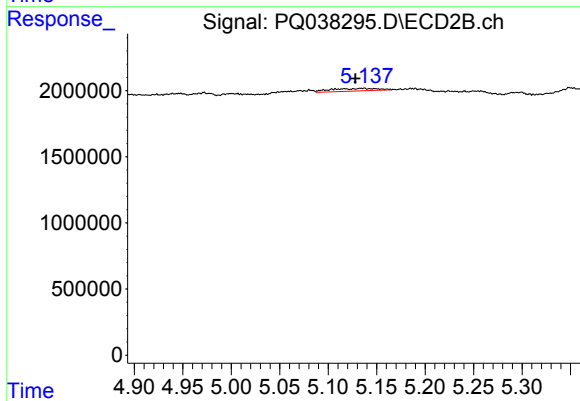
#20 AR-1242-5

R.T.: 5.924 min
Delta R.T.: -0.016 min
Response: 879747
Conc: 11.97 ng/ml



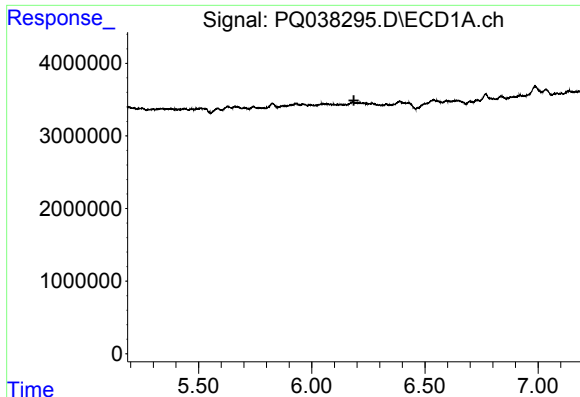
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.912 min
Response: 0
Conc: N.D.



#21 AR-1248-1

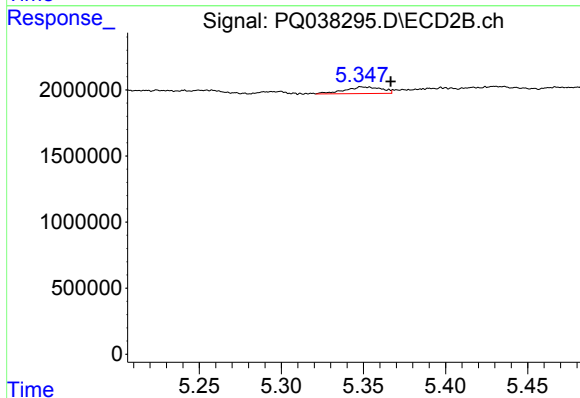
R.T.: 5.137 min
Delta R.T.: 0.009 min
Response: 652775
Conc: 13.01 ng/ml



#22 AR-1248-2

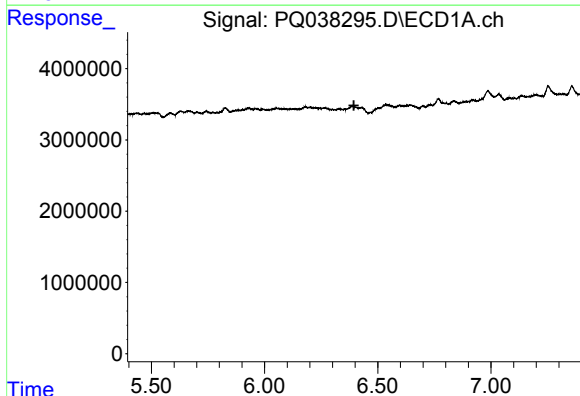
R.T.: 0.000 min
Exp R.T.: 6.186 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



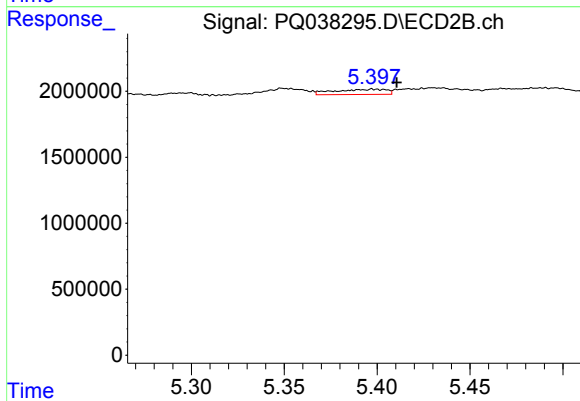
#22 AR-1248-2

R.T.: 5.349 min
Delta R.T.: -0.017 min
Response: 789695
Conc: 11.08 ng/ml



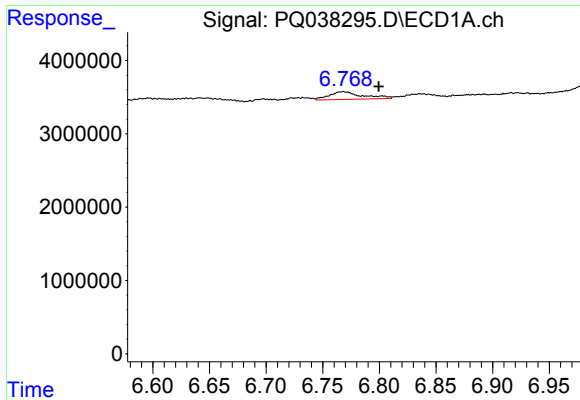
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.395 min
Response: 0
Conc: N.D.



#23 AR-1248-3

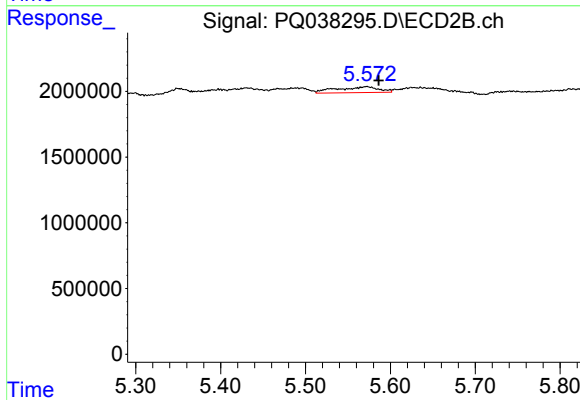
R.T.: 5.398 min
Delta R.T.: -0.012 min
Response: 765676
Conc: 10.45 ng/ml



#24 AR-1248-4

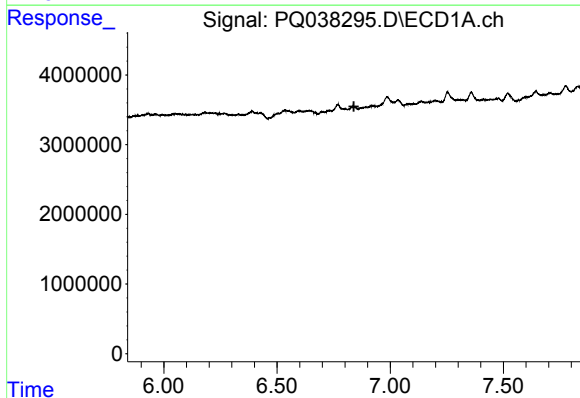
R.T.: 6.768 min
Delta R.T.: -0.032 min
Response: 2180324
Conc: 10.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S2



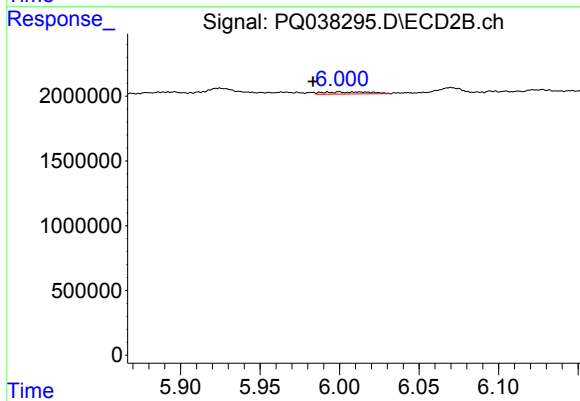
#24 AR-1248-4

R.T.: 5.572 min
Delta R.T.: -0.014 min
Response: 1533279
Conc: 16.96 ng/ml



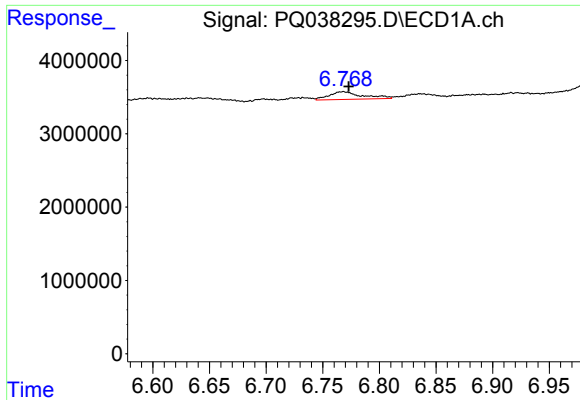
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.840 min
Response: 0
Conc: N.D.



#25 AR-1248-5

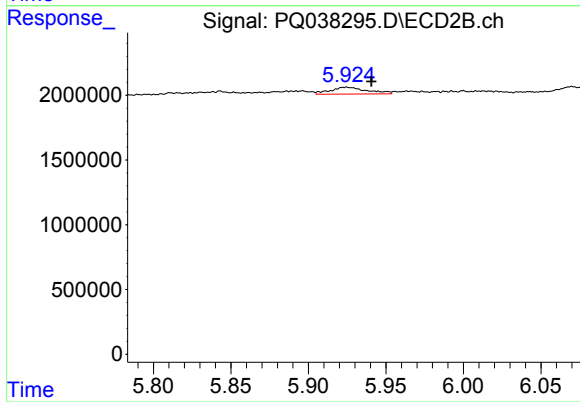
R.T.: 6.000 min
Delta R.T.: 0.017 min
Response: 336037
Conc: 3.75 ng/ml



#26 AR-1254-1

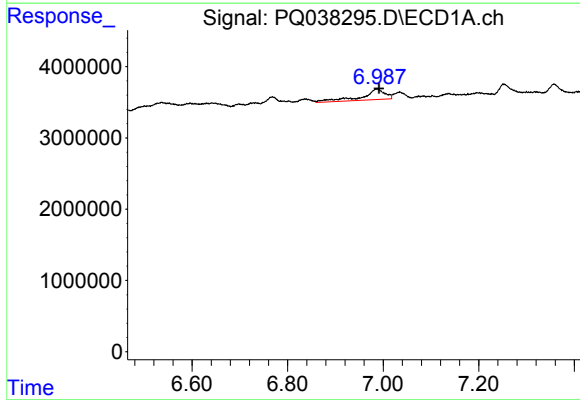
R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 2180324
Conc: 9.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S2



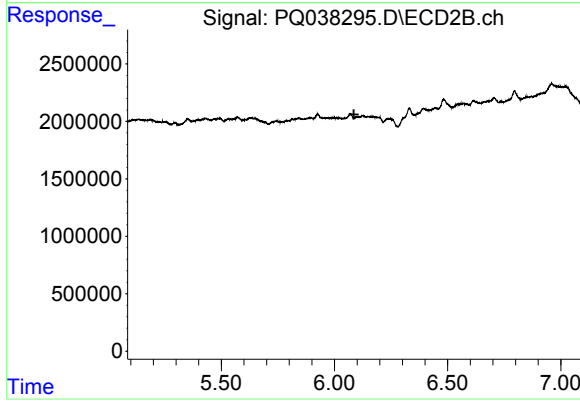
#26 AR-1254-1

R.T.: 5.924 min
Delta R.T.: -0.016 min
Response: 879747
Conc: 5.47 ng/ml



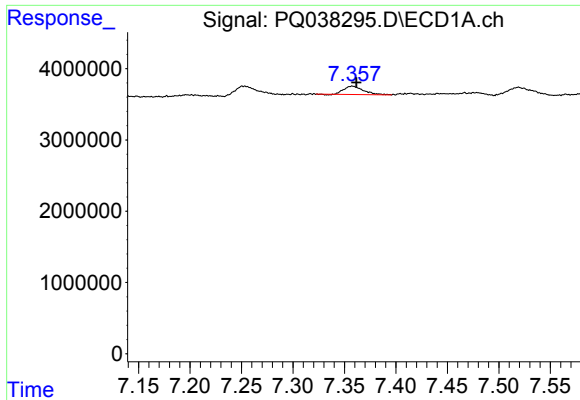
#27 AR-1254-2

R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 5014600
Conc: 13.30 ng/ml



#27 AR-1254-2

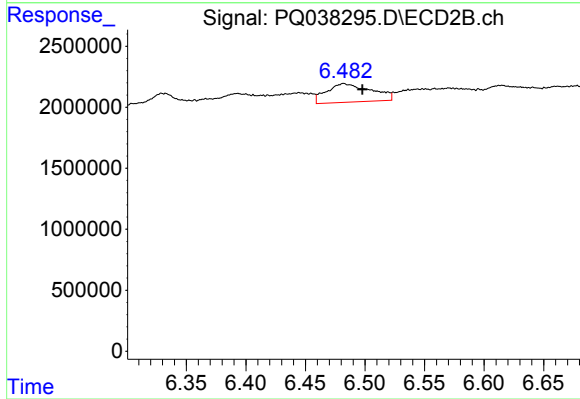
R.T.: 0.000 min
Exp R.T.: 6.086 min
Response: 0
Conc: N.D.



#28 AR-1254-3

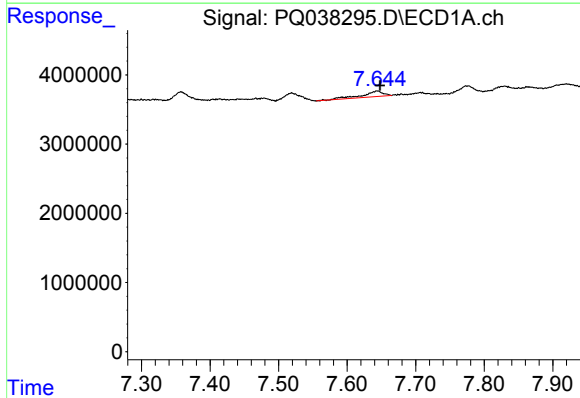
R.T.: 7.358 min
Delta R.T.: -0.004 min
Response: 1541836
Conc: 3.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S2



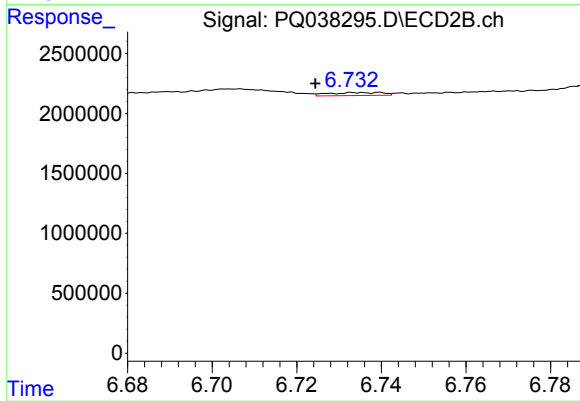
#28 AR-1254-3

R.T.: 6.482 min
Delta R.T.: -0.016 min
Response: 3953594
Conc: 16.44 ng/ml



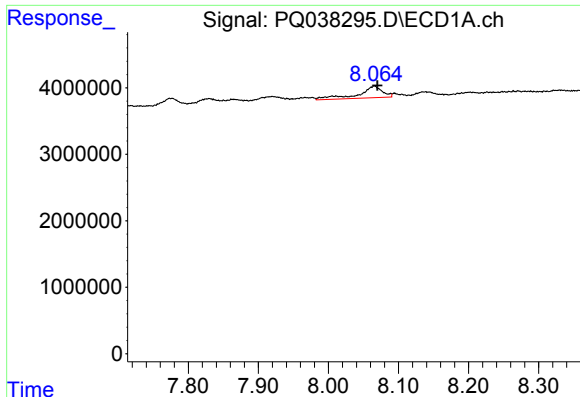
#29 AR-1254-4

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 1752792
Conc: 6.23 ng/ml



#29 AR-1254-4

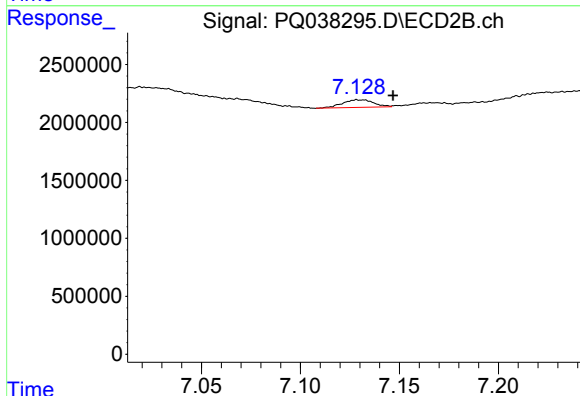
R.T.: 6.739 min
Delta R.T.: 0.014 min
Response: 222453
Conc: 1.44 ng/ml



#30 AR-1254-5

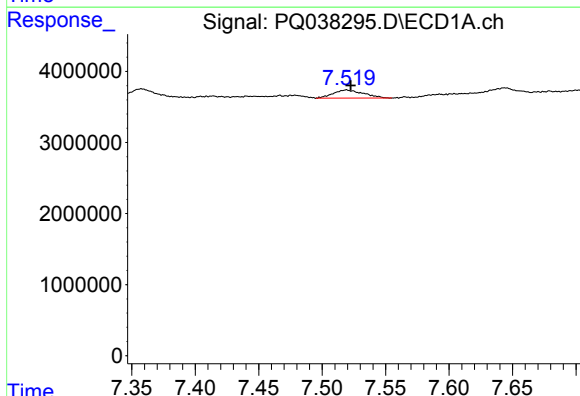
R.T.: 8.066 min
Delta R.T.: -0.004 min
Response: 4157481
Conc: 12.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S2



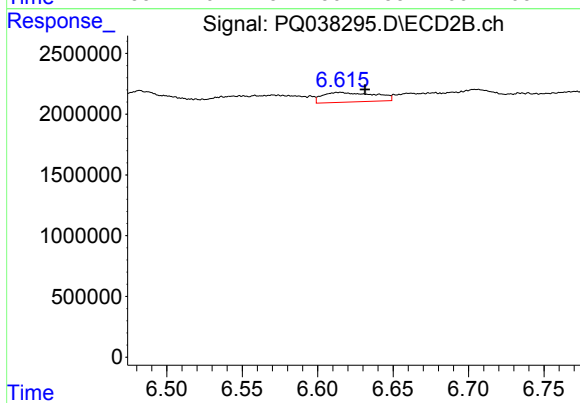
#30 AR-1254-5

R.T.: 7.130 min
Delta R.T.: -0.017 min
Response: 720732
Conc: 3.56 ng/ml



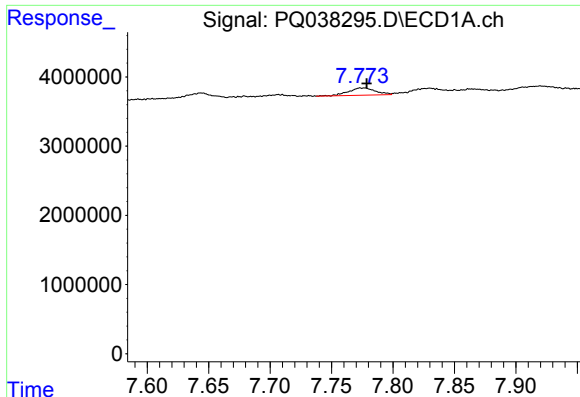
#31 AR-1260-1

R.T.: 7.519 min
Delta R.T.: -0.003 min
Response: 1897928
Conc: 4.46 ng/ml



#31 AR-1260-1

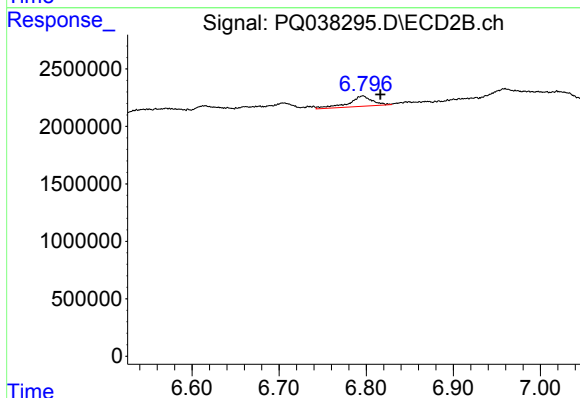
R.T.: 6.615 min
Delta R.T.: -0.017 min
Response: 1895312
Conc: 9.27 ng/ml



#32 AR-1260-2

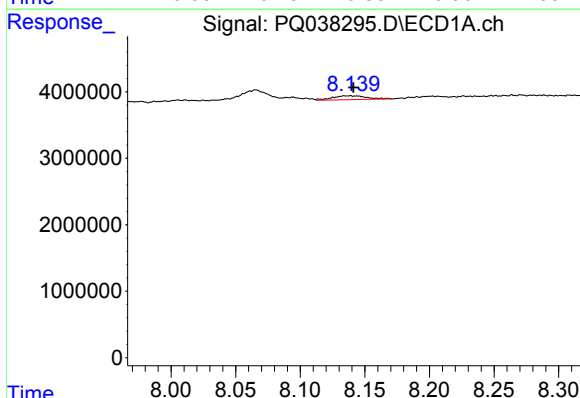
R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 1626487
Conc: 3.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S2



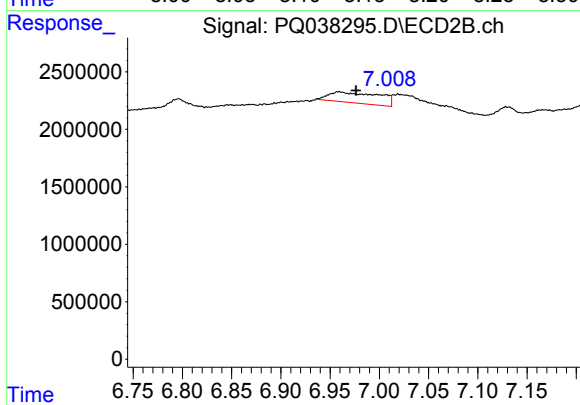
#32 AR-1260-2

R.T.: 6.796 min
Delta R.T.: -0.020 min
Response: 1683313
Conc: 6.57 ng/ml



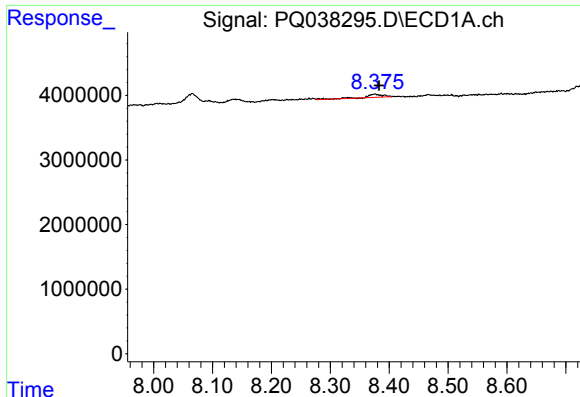
#33 AR-1260-3

R.T.: 8.138 min
Delta R.T.: -0.003 min
Response: 1079892
Conc: 2.79 ng/ml



#33 AR-1260-3

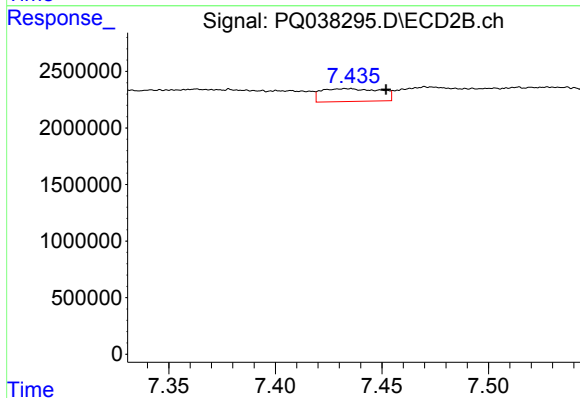
R.T.: 6.959 min
Delta R.T.: -0.018 min
Response: 3327367
Conc: 13.91 ng/ml



#34 AR-1260-4

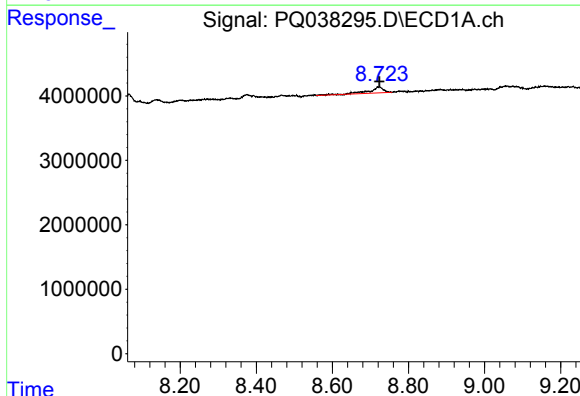
R.T.: 8.376 min
Delta R.T.: -0.007 min
Response: 983439
Conc: 2.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S2



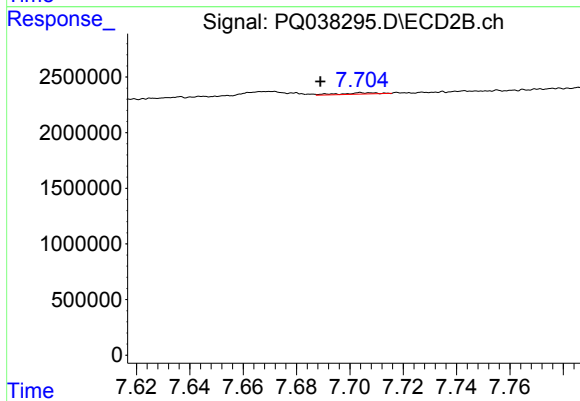
#34 AR-1260-4

R.T.: 7.434 min
Delta R.T.: -0.018 min
Response: 2176312
Conc: 11.00 ng/ml



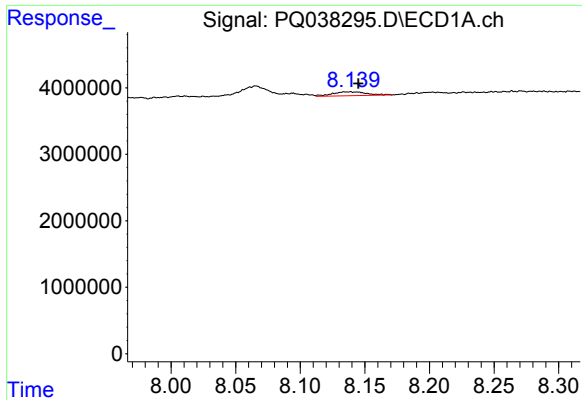
#35 AR-1260-5

R.T.: 8.724 min
Delta R.T.: 0.000 min
Response: 2483418
Conc: 2.62 ng/ml



#35 AR-1260-5

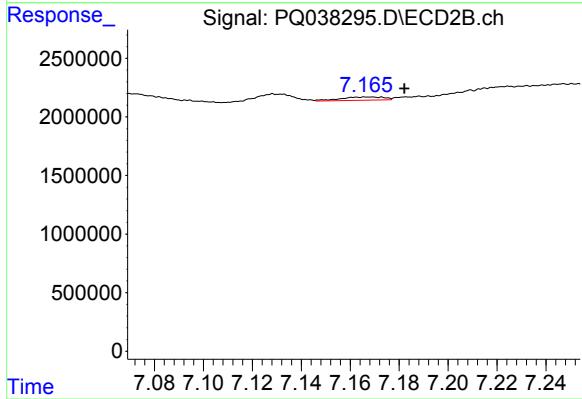
R.T.: 7.705 min
Delta R.T.: 0.016 min
Response: 115010
Conc: 0.23 ng/ml



#36 AR-1262-1

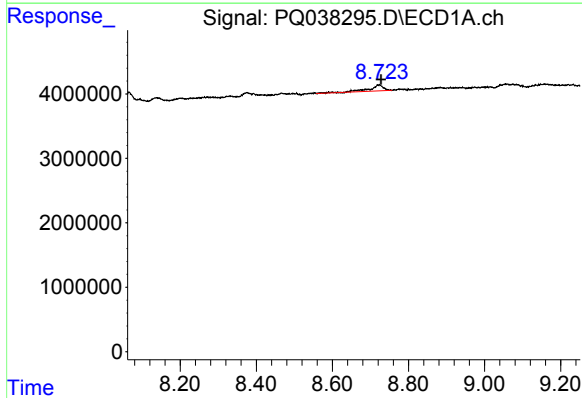
R.T.: 8.138 min
Delta R.T.: -0.007 min
Response: 1079892
Conc: 2.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S2



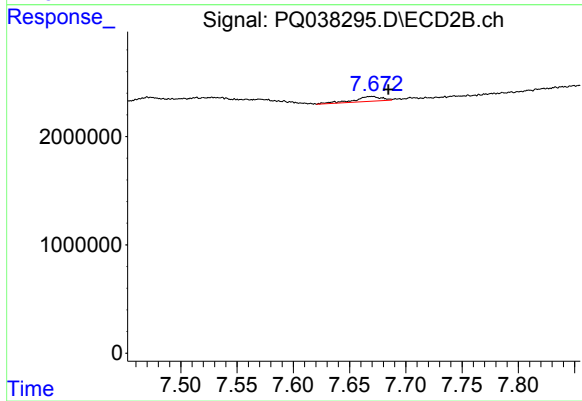
#36 AR-1262-1

R.T.: 7.167 min
Delta R.T.: -0.015 min
Response: 347634
Conc: 1.61 ng/ml



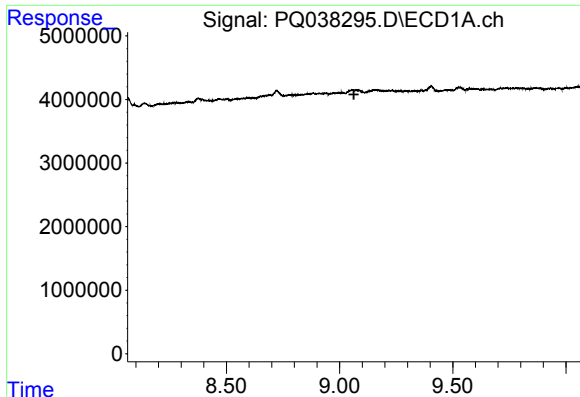
#37 AR-1262-2

R.T.: 8.724 min
Delta R.T.: -0.004 min
Response: 2483418
Conc: 3.48 ng/ml



#37 AR-1262-2

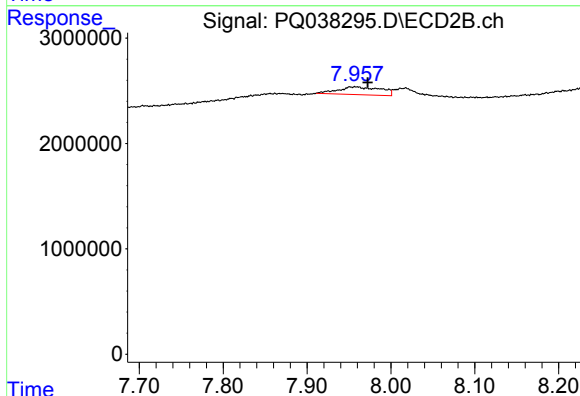
R.T.: 7.670 min
Delta R.T.: -0.014 min
Response: 763758
Conc: 1.96 ng/ml



#38 AR-1262-3

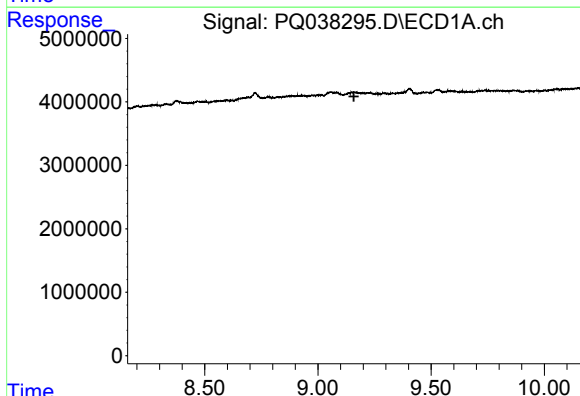
R.T.: 0.000 min
Exp R.T.: 9.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



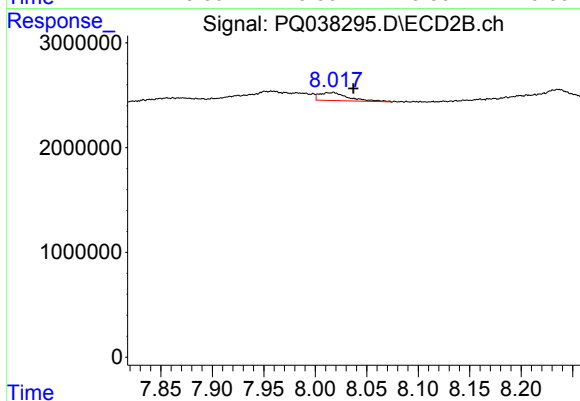
#38 AR-1262-3

R.T.: 7.958 min
Delta R.T.: -0.015 min
Response: 2632389
Conc: 17.68 ng/ml



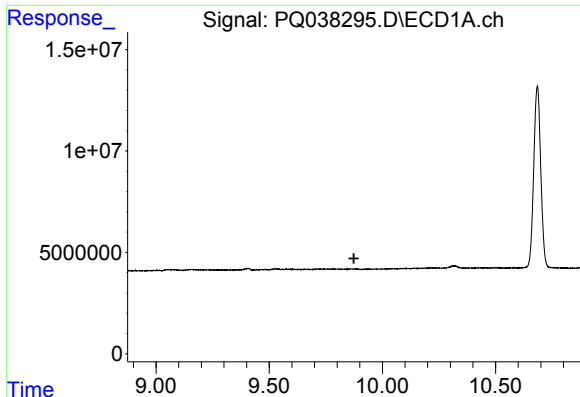
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.159 min
Response: 0
Conc: N.D.



#39 AR-1262-4

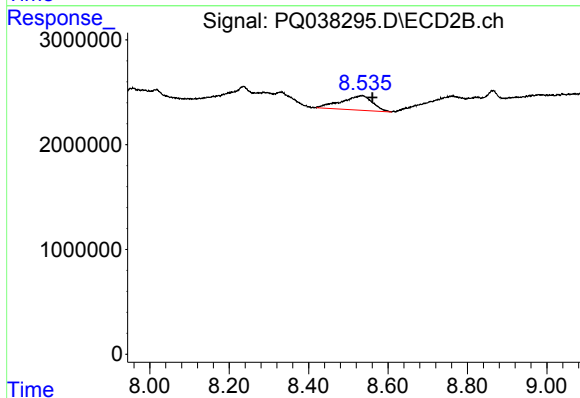
R.T.: 8.018 min
Delta R.T.: -0.019 min
Response: 1491767
Conc: 5.23 ng/ml



#40 AR-1262-5

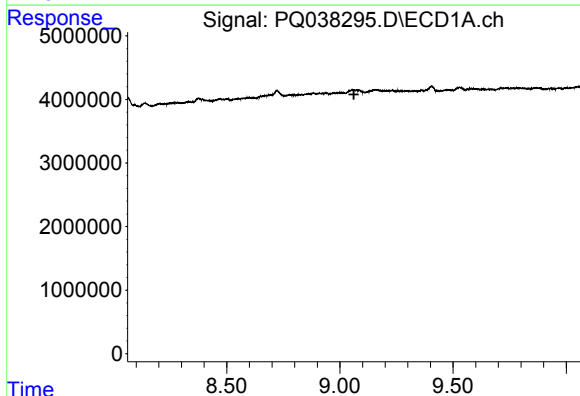
R.T.: 0.000 min
Exp R.T. : 9.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



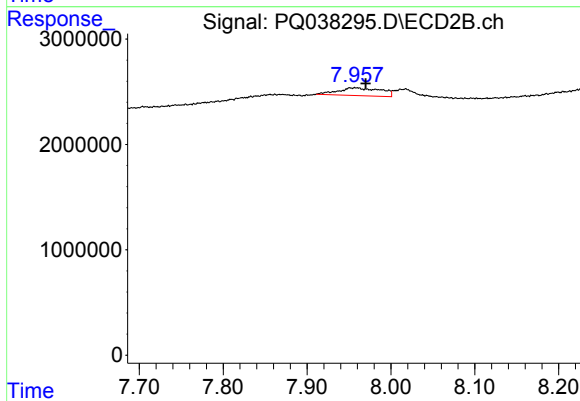
#40 AR-1262-5

R.T.: 8.532 min
Delta R.T.: -0.028 min
Response: 7470539
Conc: 63.21 ng/ml



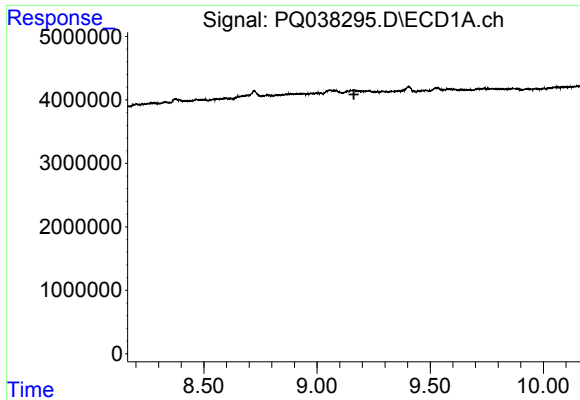
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.062 min
Response: 0
Conc: N.D.



#41 AR-1268-1

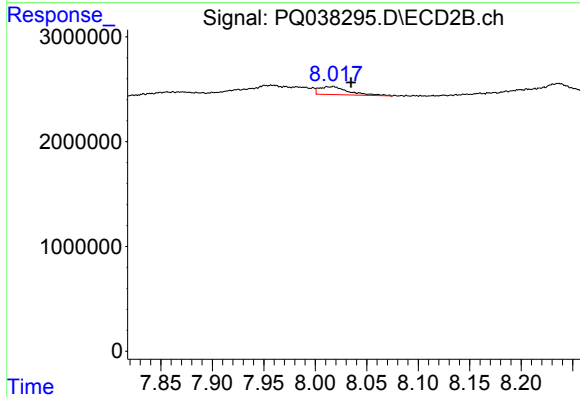
R.T.: 7.958 min
Delta R.T.: -0.012 min
Response: 2632389
Conc: 3.29 ng/ml



#42 AR-1268-2

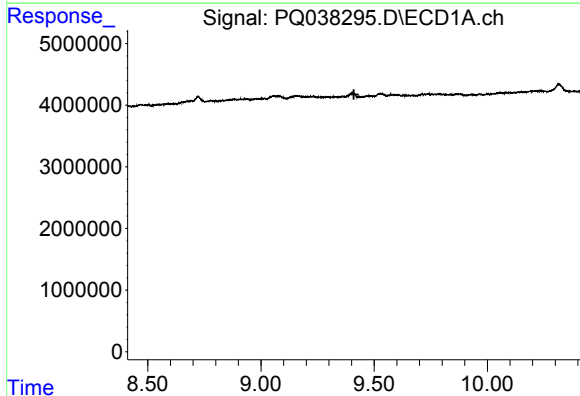
R.T.: 0.000 min
Exp R.T.: 9.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



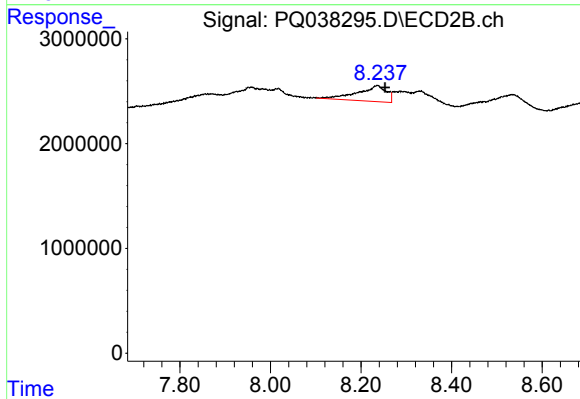
#42 AR-1268-2

R.T.: 8.018 min
Delta R.T.: -0.017 min
Response: 1491767
Conc: 2.06 ng/ml



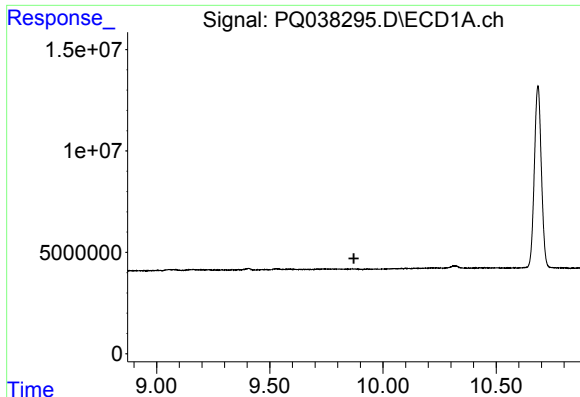
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.410 min
Response: 0
Conc: N.D.



#43 AR-1268-3

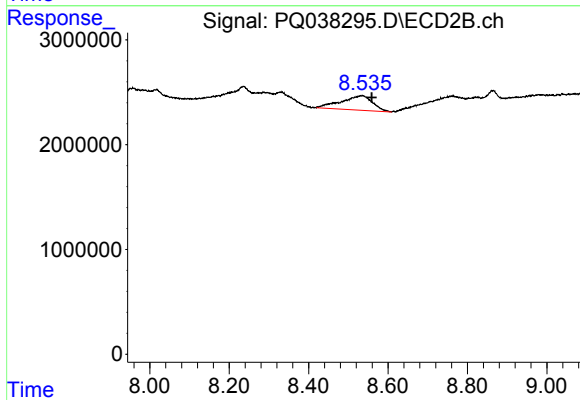
R.T.: 8.236 min
Delta R.T.: -0.017 min
Response: 6712122
Conc: 10.67 ng/ml



#44 AR-1268-4

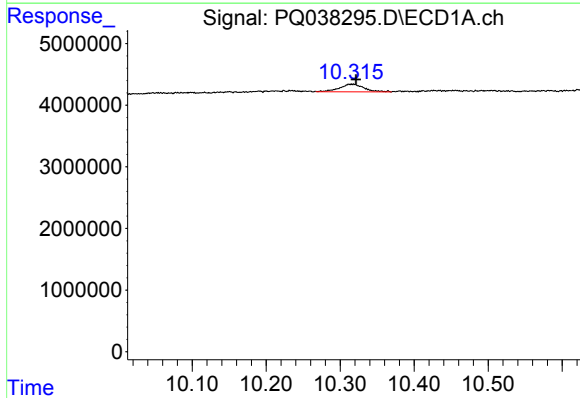
R.T.: 0.000 min
Exp R.T.: 9.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S2



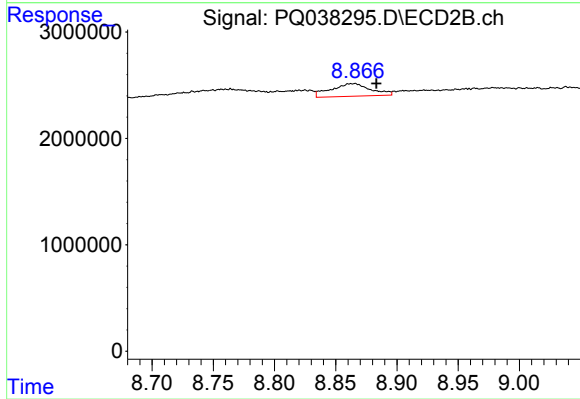
#44 AR-1268-4

R.T.: 8.532 min
Delta R.T.: -0.027 min
Response: 7470539
Conc: 31.73 ng/ml



#45 AR-1268-5

R.T.: 10.317 min
Delta R.T.: -0.005 min
Response: 2931672
Conc: 0.68 ng/ml



#45 AR-1268-5

R.T.: 8.865 min
Delta R.T.: -0.019 min
Response: 2663472
Conc: 1.38 ng/ml