

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032519\
 Data File : PQ038297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2019 14:58
 Operator : SM\SJ
 Sample : K2031-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5W0

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:37:13 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...	4.723	4.003	83634184	39134837	20.292	23.187
2)	SA Decachlor...	10.683	9.149	171.1E6	78848591	31.447	33.327
Target Compounds							
3)	L1 AR-1016-1	0.000	5.132	0	788039	N.D.	7.376 #
4)	L1 AR-1016-2	0.000	5.132	0	788039	N.D.	5.087 #
5)	L1 AR-1016-3	0.000	5.350	0	1397924	N.D.	17.434 #
6)	L1 AR-1016-4	0.000	5.350	0	1397924	N.D.	22.016 #
7)	L1 AR-1016-5	0.000	5.569	0	970463	N.D.	11.080 #
8)	L2 AR-1221-1	0.000	4.208	0	777337	N.D.	33.304 #
9)	L2 AR-1221-2	0.000	4.311	0	1312362	N.D.	78.832 #
12)	L3 AR-1232-2	0.000	5.132	0	788039	N.D.	17.657 #
13)	L3 AR-1232-3	0.000	5.350	0	1397924	N.D.	58.099 #
14)	L3 AR-1232-4	0.000	5.426	0	682255	N.D.	30.207 #
15)	L3 AR-1232-5	0.000	5.569	0	970463	N.D.	40.094 #
16)	L4 AR-1242-1	0.000	5.132	0	788039	N.D.	11.191 #
17)	L4 AR-1242-2	0.000	5.132	0	788039	N.D.	7.821 #
18)	L4 AR-1242-3	0.000	5.350	0	1397924	N.D.	26.113 #
19)	L4 AR-1242-4	0.000	5.426	0	682255	N.D.	12.569 #
20)	L4 AR-1242-5	0.000	5.925	0	1645160	N.D.	22.381 #
21)	L5 AR-1248-1	0.000	5.132	0	788039	N.D.	15.704 #
22)	L5 AR-1248-2	0.000	5.350	0	1397924	N.D.	19.617 #
23)	L5 AR-1248-3	0.000	5.426	0	682255	N.D.	9.314 #
24)	L5 AR-1248-4	6.766	5.569	2810637	970463	13.406	10.733
25)	L5 AR-1248-5	0.000	5.964	0	373509	N.D.	4.163 #
26)	L6 AR-1254-1	6.766	5.925	2810637	1645160	11.704	10.232
27)	L6 AR-1254-2	6.986	6.127	4342363	-182306	11.514	N.D. #
28)	L6 AR-1254-3	7.356	6.481	4199798	5467144	10.345	22.739 #
29)	L6 AR-1254-4	7.642	6.734	4139520	651210	14.706	4.202 #
30)	L6 AR-1254-5	8.063	7.163	6943923	1017382	21.513	5.019 #
31)	L7 AR-1260-1	7.520	6.614	2453010	2048738	5.766	10.021 #
32)	L7 AR-1260-2	7.774	6.795	2823630	3730046	5.500	14.562 #
33)	L7 AR-1260-3	8.135	6.956	1219269	1714468	3.152	7.167 #
34)	L7 AR-1260-4	8.374	7.472	2175114	1626405	4.769	8.217 #
35)	L7 AR-1260-5	8.720	7.712	2633351	178888	2.781	0.364 #
36)	L8 AR-1262-1	8.135	7.163	1219269	1017382	3.076	4.725 #
37)	L8 AR-1262-2	8.720	7.666	2633351	2056518	3.692	5.279 #
38)	L8 AR-1262-3	0.000	7.954	0	908384	N.D.	6.101 #
39)	L8 AR-1262-4	0.000	8.018	0	1444321	N.D.	5.067 #
40)	L8 AR-1262-5	9.867	8.540	1811758	2629249	7.372	22.245 #
41)	L9 AR-1268-1	0.000	7.954	0	908384	N.D.	1.134 #
42)	L9 AR-1268-2	0.000	8.018	0	1444321	N.D.	1.990 #
43)	L9 AR-1268-3	0.000	8.235	0	2661204	N.D.	4.230 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.867	8.540	1811758	2629249	3.793	11.167 #
45) L9	AR-1268-5	0.000	8.861	0	972071	N.D.	0.505 #

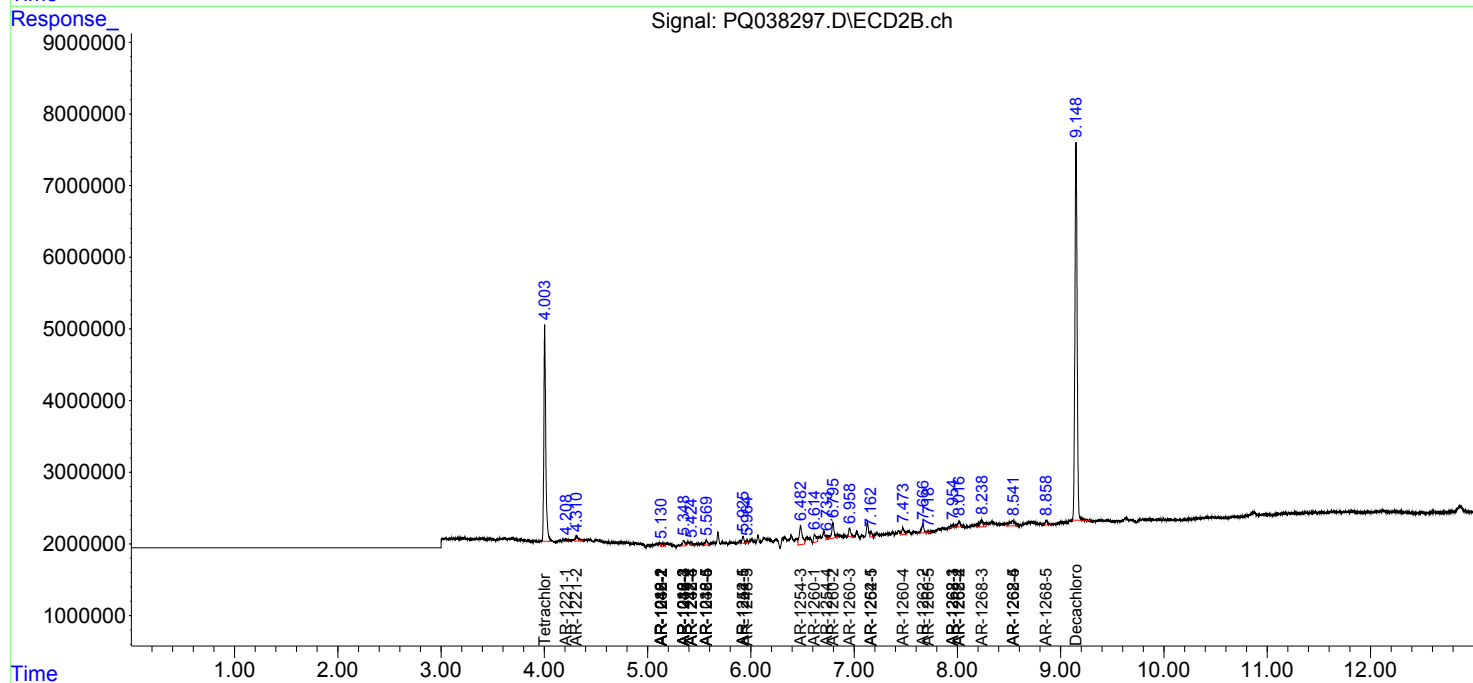
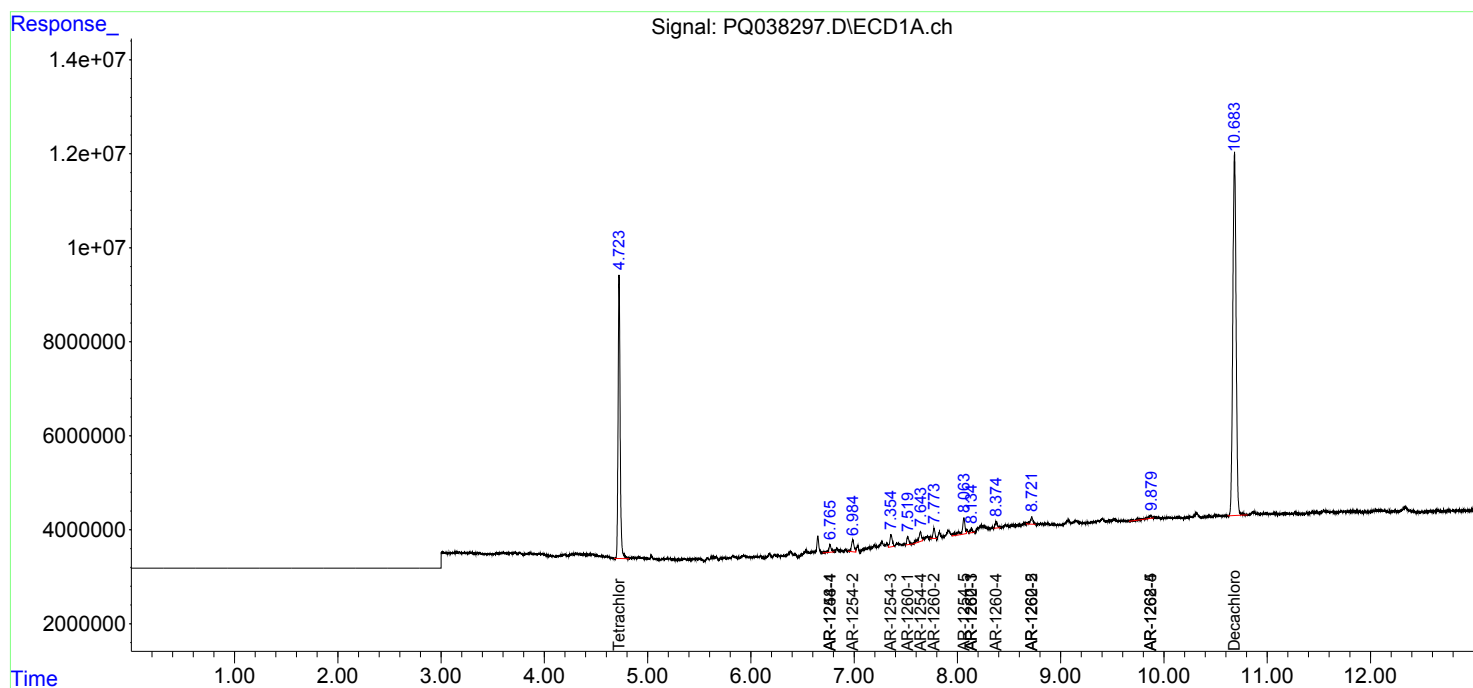
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

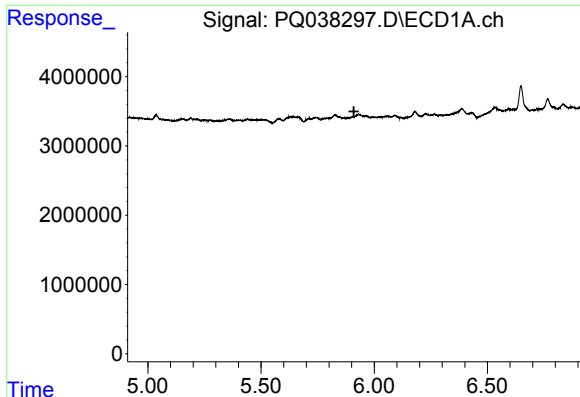
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032519\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

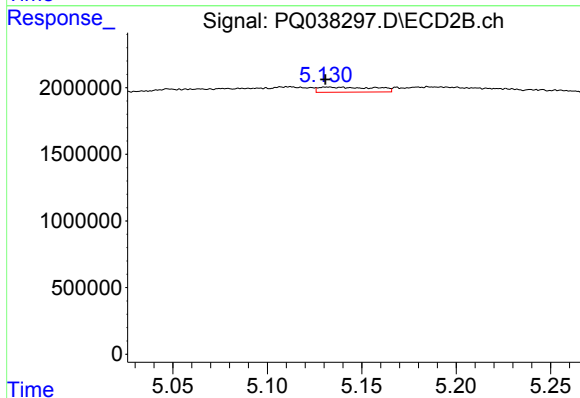




#3 AR-1016-1

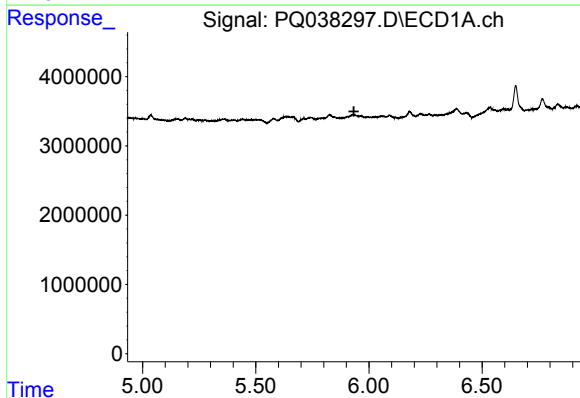
R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



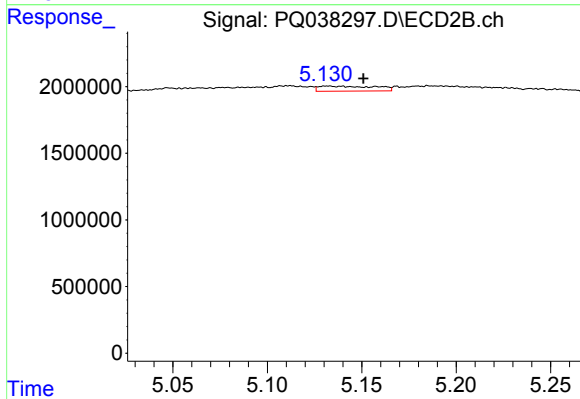
#3 AR-1016-1

R.T.: 5.132 min
Delta R.T.: 0.001 min
Response: 788039
Conc: 7.38 ng/ml



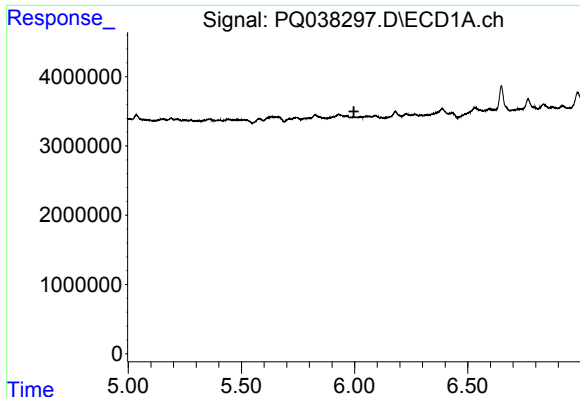
#4 AR-1016-2

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



#4 AR-1016-2

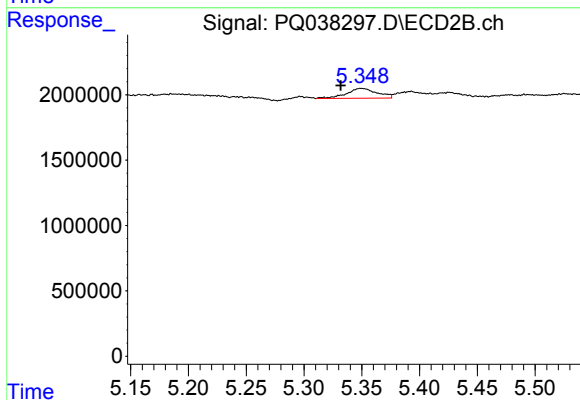
R.T.: 5.132 min
Delta R.T.: -0.019 min
Response: 788039
Conc: 5.09 ng/ml



#5 AR-1016-3

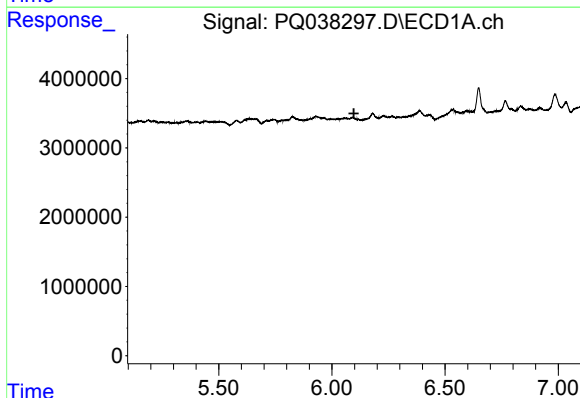
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



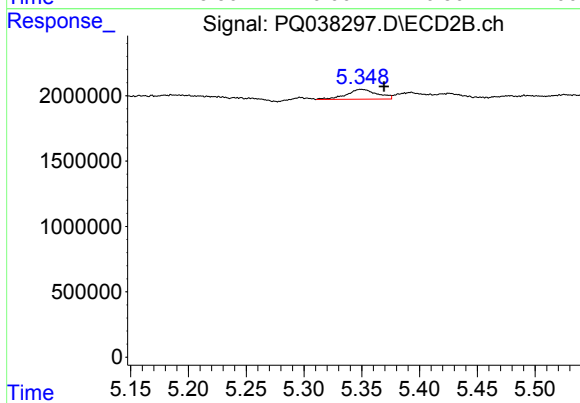
#5 AR-1016-3

R.T.: 5.350 min
Delta R.T.: 0.018 min
Response: 1397924
Conc: 17.43 ng/ml



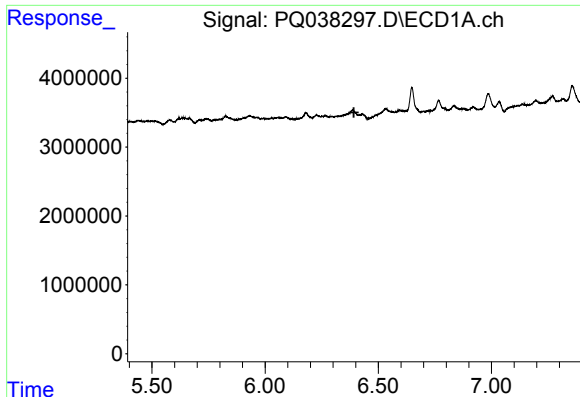
#6 AR-1016-4

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



#6 AR-1016-4

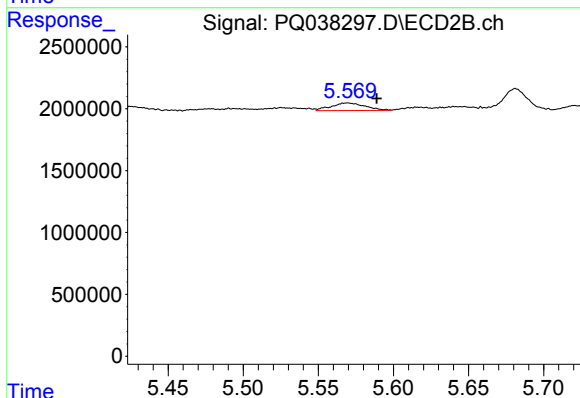
R.T.: 5.350 min
Delta R.T.: -0.020 min
Response: 1397924
Conc: 22.02 ng/ml



#7 AR-1016-5

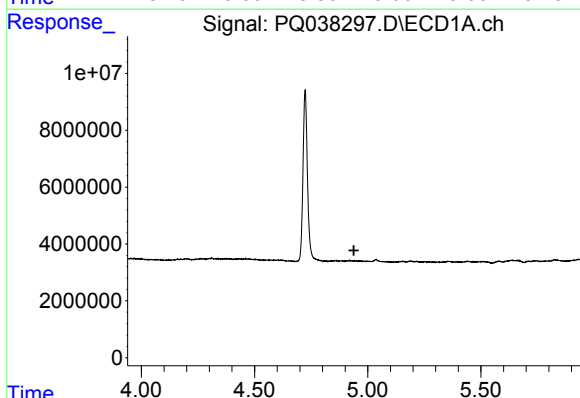
R.T.: 0.000 min
Exp R.T.: 6.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



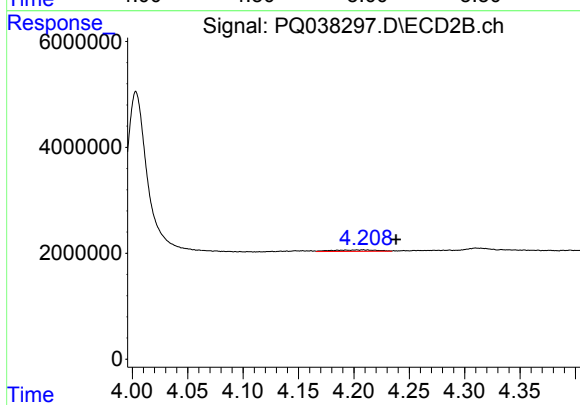
#7 AR-1016-5

R.T.: 5.569 min
Delta R.T.: -0.019 min
Response: 970463
Conc: 11.08 ng/ml



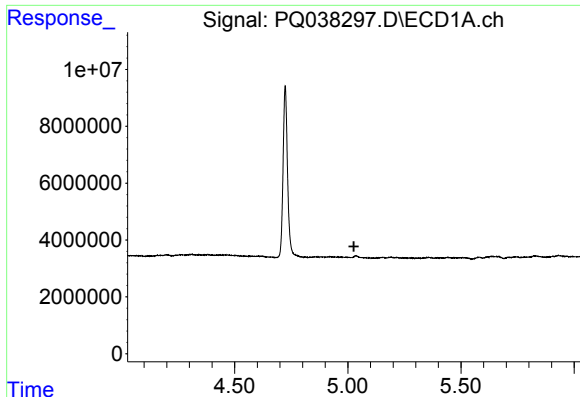
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.939 min
Response: 0
Conc: N.D.



#8 AR-1221-1

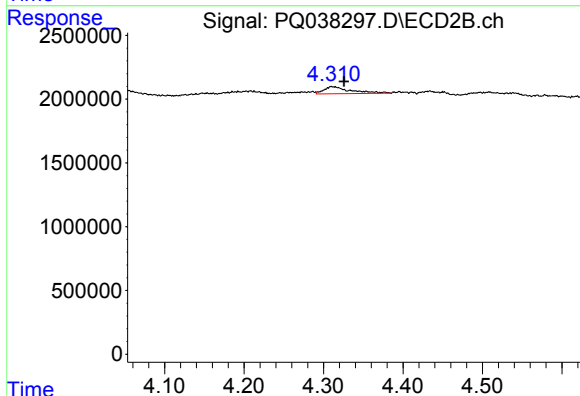
R.T.: 4.208 min
Delta R.T.: -0.030 min
Response: 777337
Conc: 33.30 ng/ml



#9 AR-1221-2

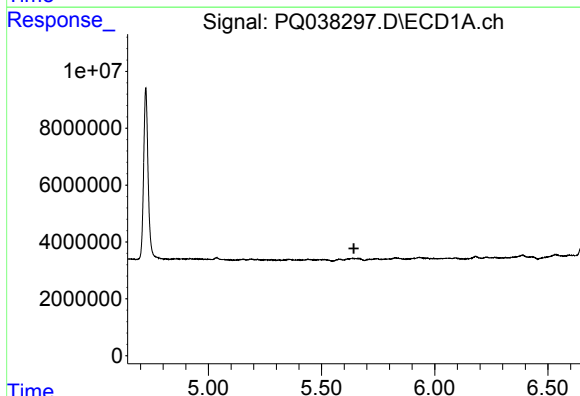
R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



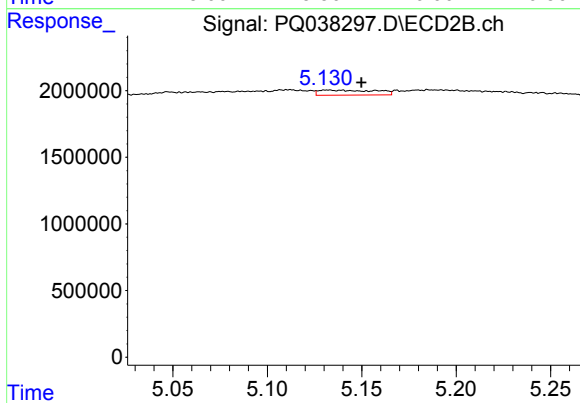
#9 AR-1221-2

R.T.: 4.311 min
Delta R.T.: -0.015 min
Response: 1312362
Conc: 78.83 ng/ml



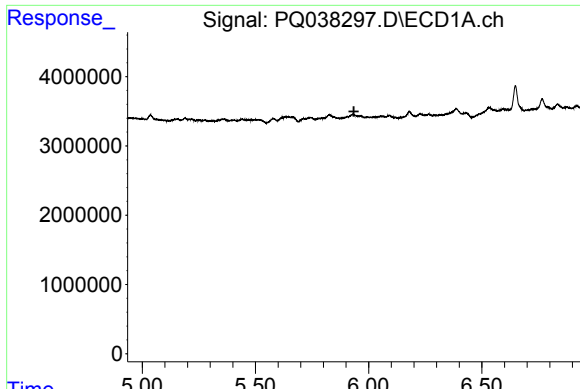
#12 AR-1232-2

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



#12 AR-1232-2

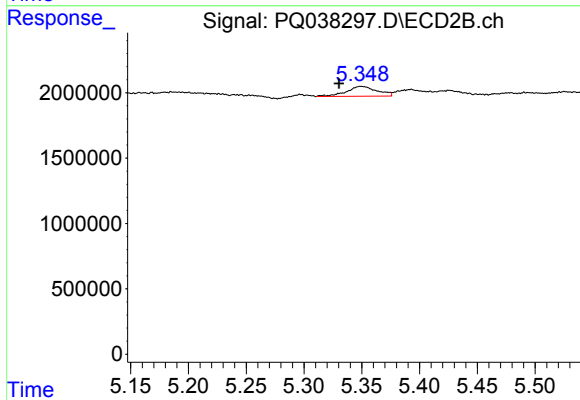
R.T.: 5.132 min
Delta R.T.: -0.018 min
Response: 788039
Conc: 17.66 ng/ml



#13 AR-1232-3

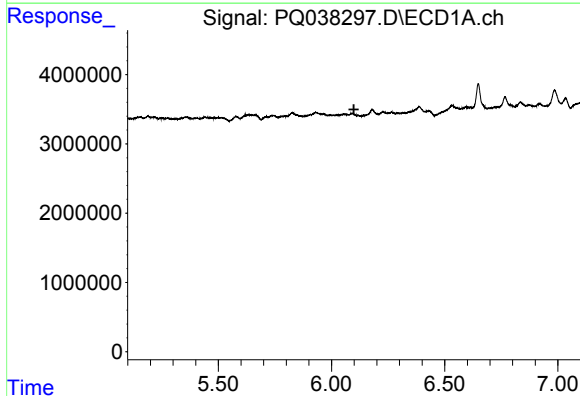
R.T.: 0.000 min
Exp R.T.: 5.935 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



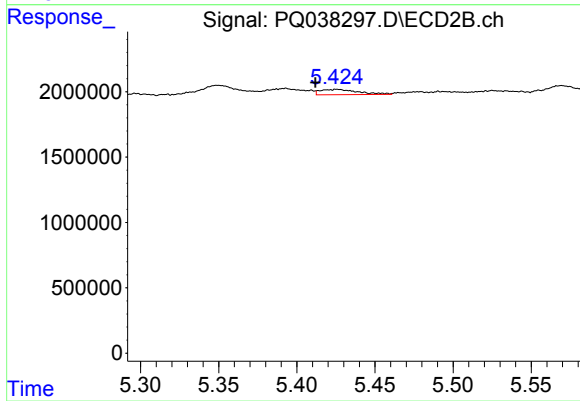
#13 AR-1232-3

R.T.: 5.350 min
Delta R.T.: 0.019 min
Response: 1397924
Conc: 58.10 ng/ml



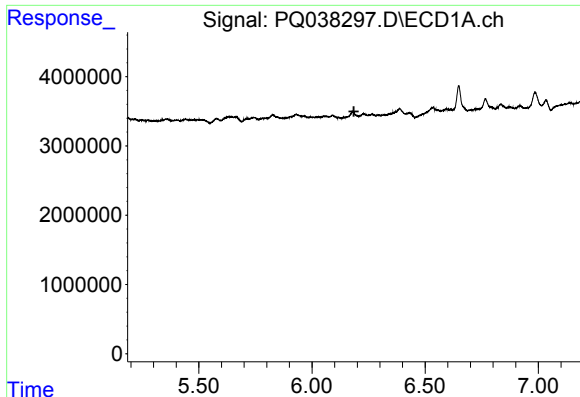
#14 AR-1232-4

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



#14 AR-1232-4

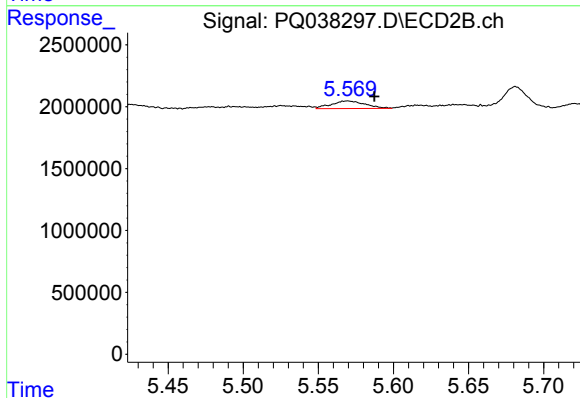
R.T.: 5.426 min
Delta R.T.: 0.014 min
Response: 682255
Conc: 30.21 ng/ml



#15 AR-1232-5

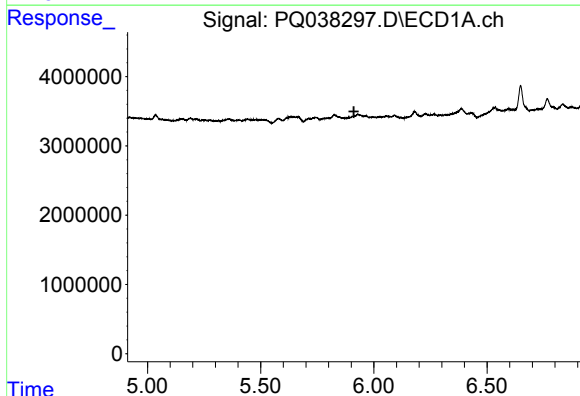
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



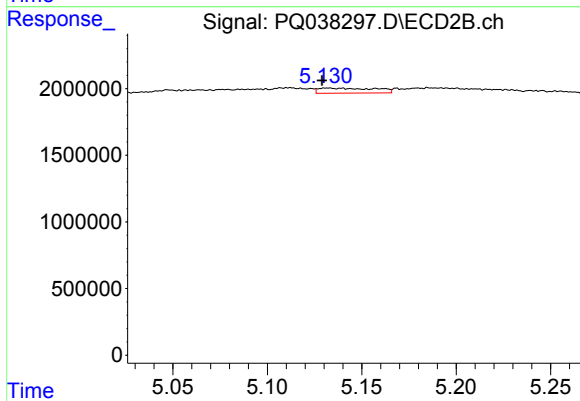
#15 AR-1232-5

R.T.: 5.569 min
Delta R.T.: -0.018 min
Response: 970463
Conc: 40.09 ng/ml



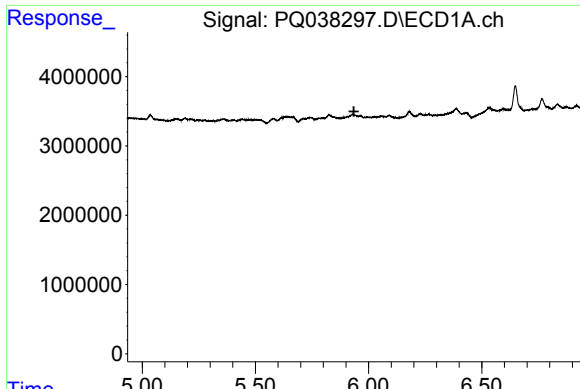
#16 AR-1242-1

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



#16 AR-1242-1

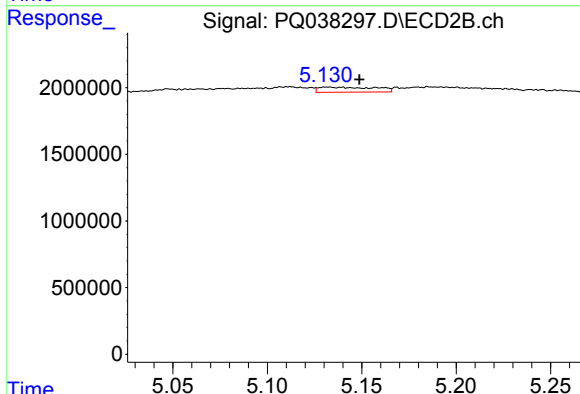
R.T.: 5.132 min
Delta R.T.: 0.003 min
Response: 788039
Conc: 11.19 ng/ml



#17 AR-1242-2

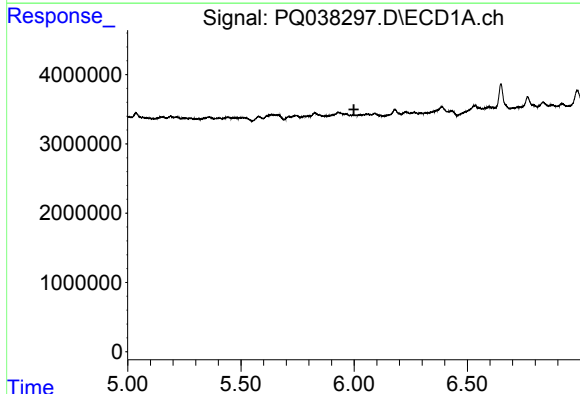
R.T.: 0.000 min
Exp R.T.: 5.935 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



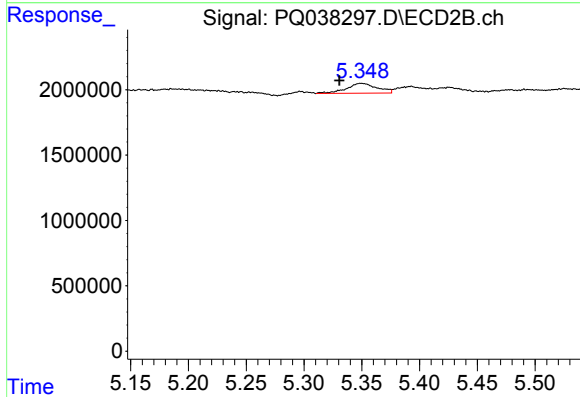
#17 AR-1242-2

R.T.: 5.132 min
Delta R.T.: -0.017 min
Response: 788039
Conc: 7.82 ng/ml



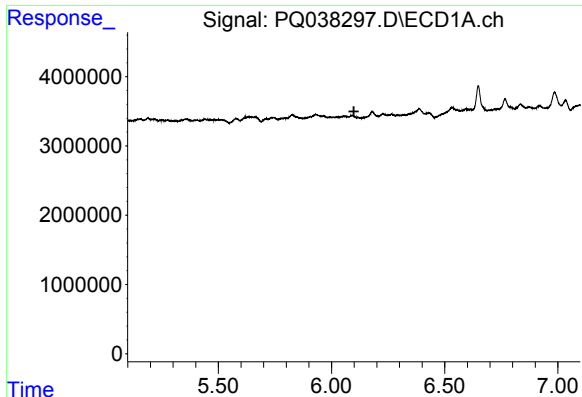
#18 AR-1242-3

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



#18 AR-1242-3

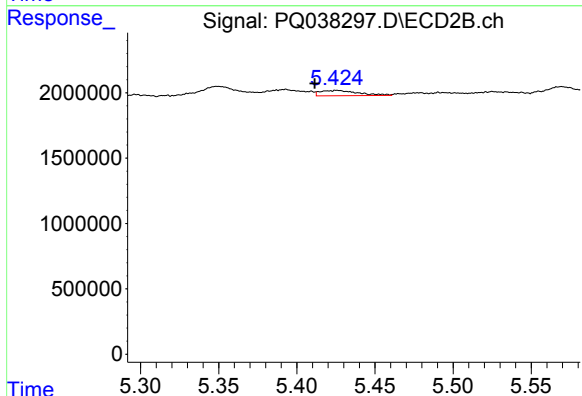
R.T.: 5.350 min
Delta R.T.: 0.019 min
Response: 1397924
Conc: 26.11 ng/ml



#19 AR-1242-4

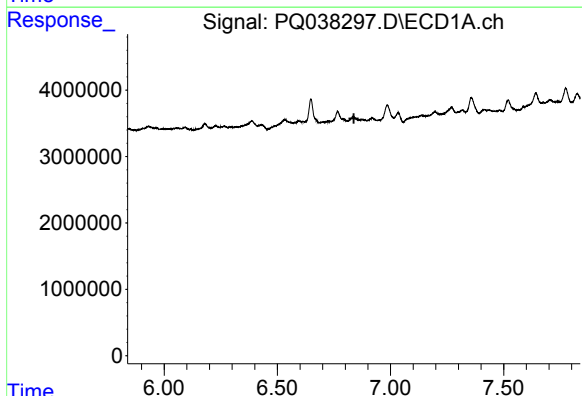
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



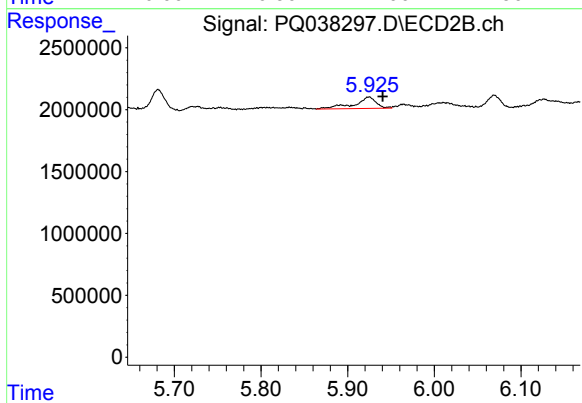
#19 AR-1242-4

R.T.: 5.426 min
Delta R.T.: 0.014 min
Response: 682255
Conc: 12.57 ng/ml



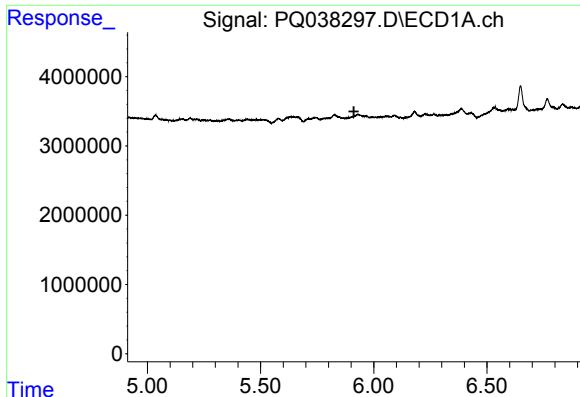
#20 AR-1242-5

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



#20 AR-1242-5

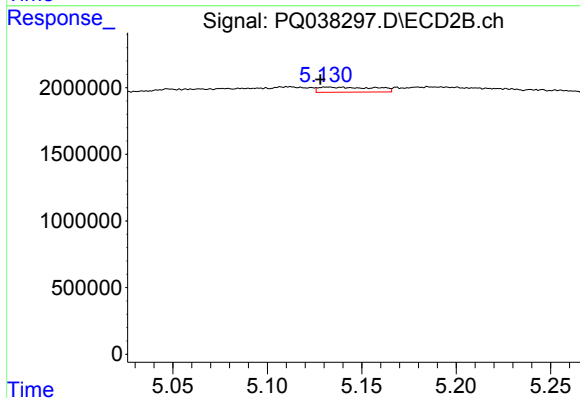
R.T.: 5.925 min
Delta R.T.: -0.016 min
Response: 1645160
Conc: 22.38 ng/ml



#21 AR-1248-1

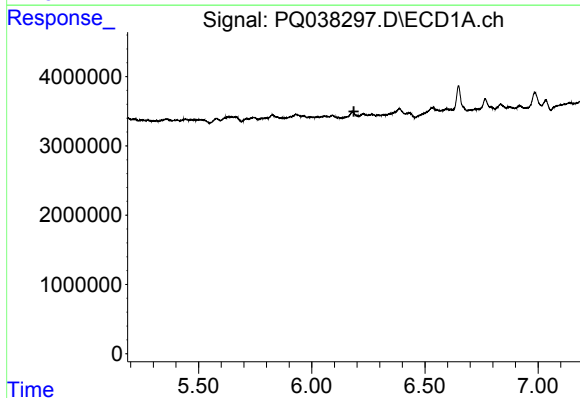
R.T.: 0.000 min
Exp R.T.: 5.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



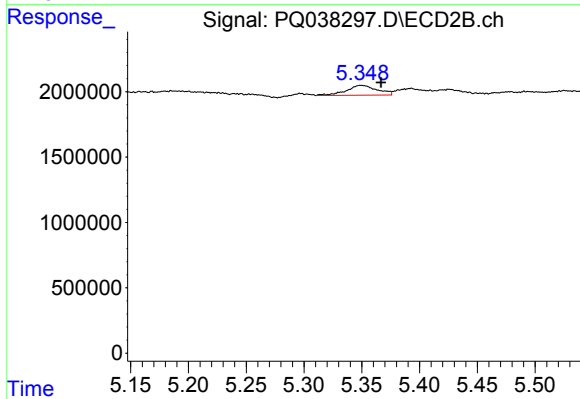
#21 AR-1248-1

R.T.: 5.132 min
Delta R.T.: 0.004 min
Response: 788039
Conc: 15.70 ng/ml



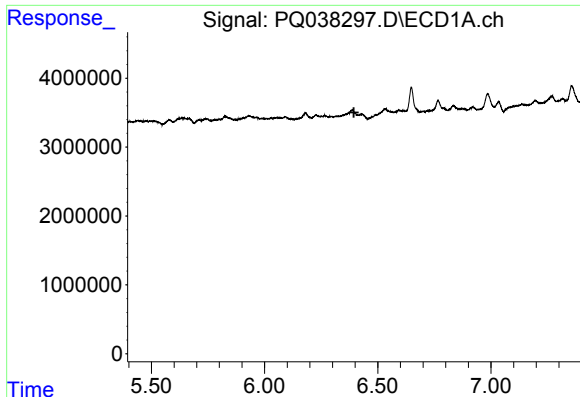
#22 AR-1248-2

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



#22 AR-1248-2

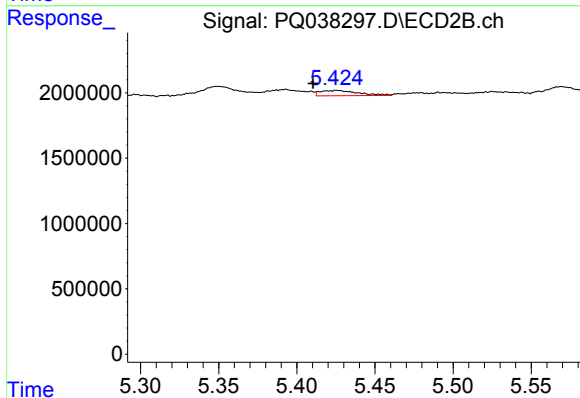
R.T.: 5.350 min
Delta R.T.: -0.017 min
Response: 1397924
Conc: 19.62 ng/ml



#23 AR-1248-3

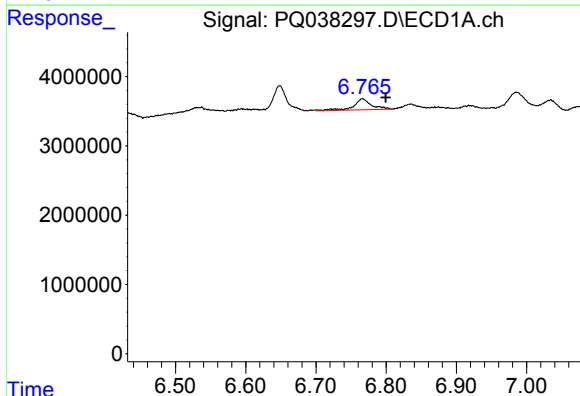
R.T.: 0.000 min
Exp R.T.: 6.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



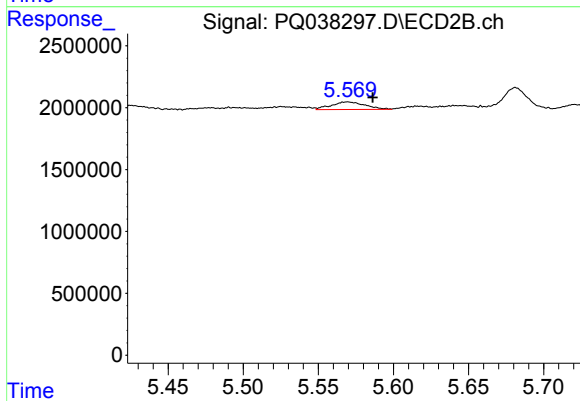
#23 AR-1248-3

R.T.: 5.426 min
Delta R.T.: 0.015 min
Response: 682255
Conc: 9.31 ng/ml



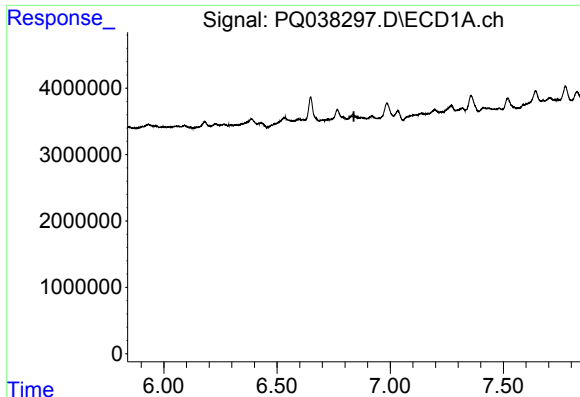
#24 AR-1248-4

R.T.: 6.766 min
Delta R.T.: -0.033 min
Response: 2810637
Conc: 13.41 ng/ml



#24 AR-1248-4

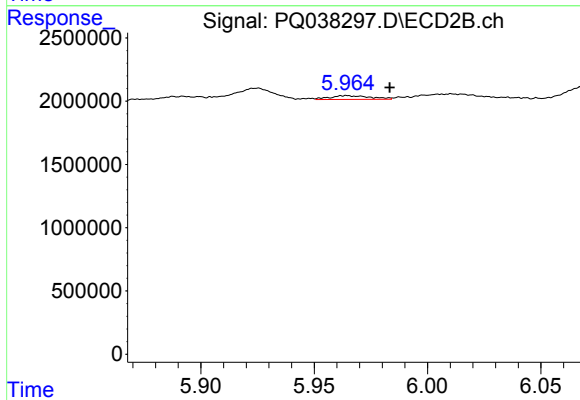
R.T.: 5.569 min
Delta R.T.: -0.017 min
Response: 970463
Conc: 10.73 ng/ml



#25 AR-1248-5

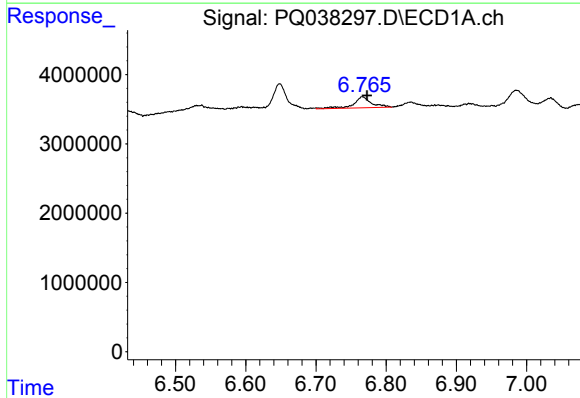
R.T.: 0.000 min
Exp R.T.: 6.840 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



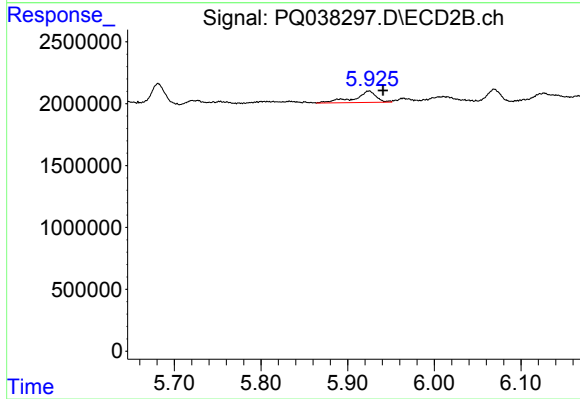
#25 AR-1248-5

R.T.: 5.964 min
Delta R.T.: -0.019 min
Response: 373509
Conc: 4.16 ng/ml



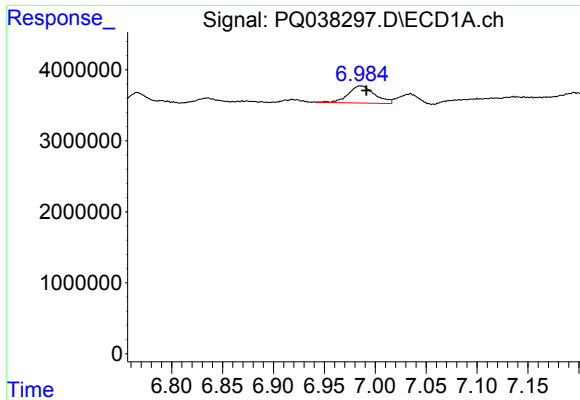
#26 AR-1254-1

R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 2810637
Conc: 11.70 ng/ml



#26 AR-1254-1

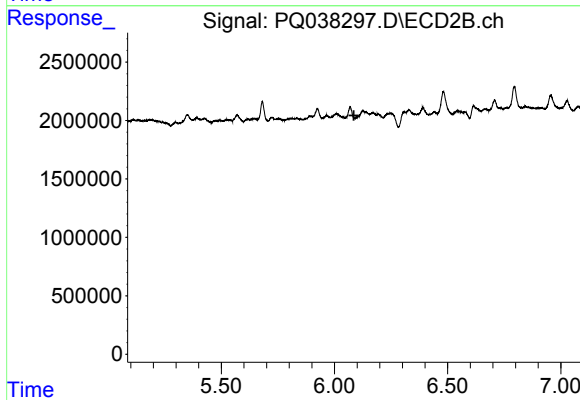
R.T.: 5.925 min
Delta R.T.: -0.016 min
Response: 1645160
Conc: 10.23 ng/ml



#27 AR-1254-2

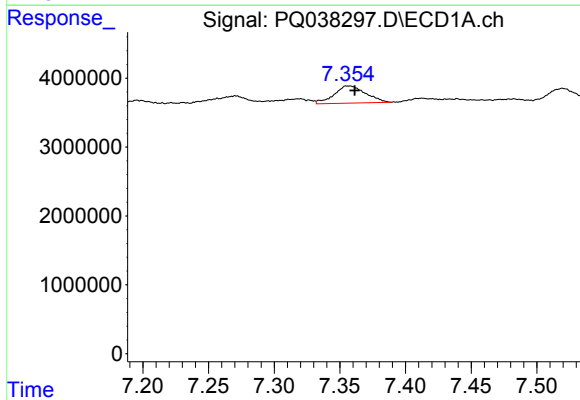
R.T.: 6.986 min
Delta R.T.: -0.006 min
Response: 4342363
Conc: 11.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W0



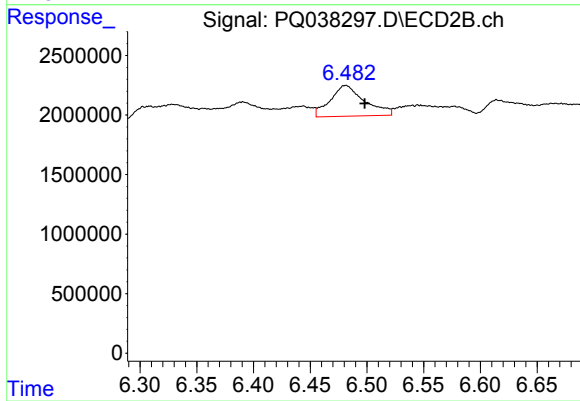
#27 AR-1254-2

R.T.: 6.127 min
Delta R.T.: 0.041 min
Response: -182306
Conc: N.D.



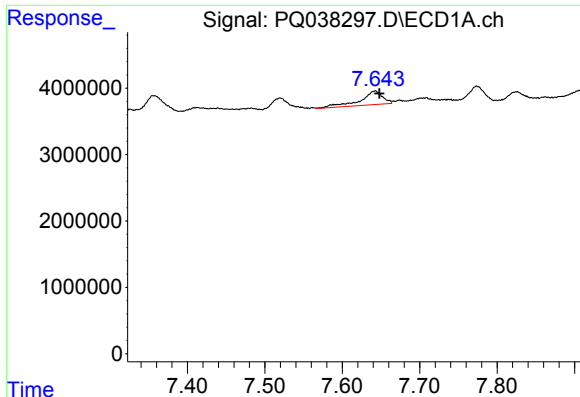
#28 AR-1254-3

R.T.: 7.356 min
Delta R.T.: -0.005 min
Response: 4199798
Conc: 10.34 ng/ml



#28 AR-1254-3

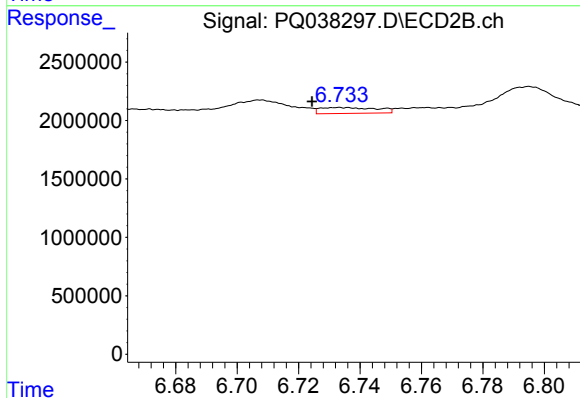
R.T.: 6.481 min
Delta R.T.: -0.017 min
Response: 5467144
Conc: 22.74 ng/ml



#29 AR-1254-4

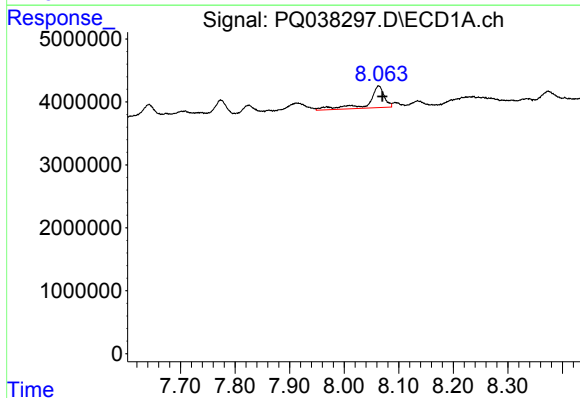
R.T.: 7.642 min
Delta R.T.: -0.006 min
Response: 4139520
Conc: 14.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W0



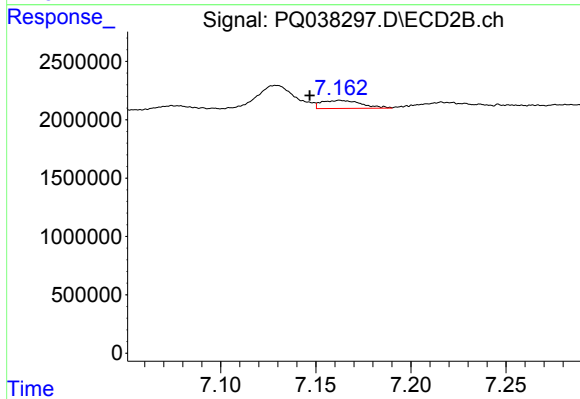
#29 AR-1254-4

R.T.: 6.734 min
Delta R.T.: 0.009 min
Response: 651210
Conc: 4.20 ng/ml



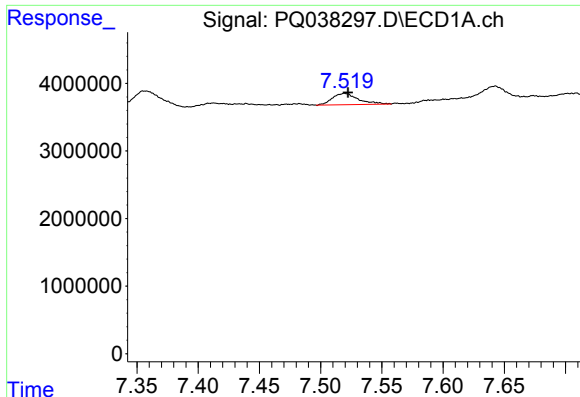
#30 AR-1254-5

R.T.: 8.063 min
Delta R.T.: -0.007 min
Response: 6943923
Conc: 21.51 ng/ml



#30 AR-1254-5

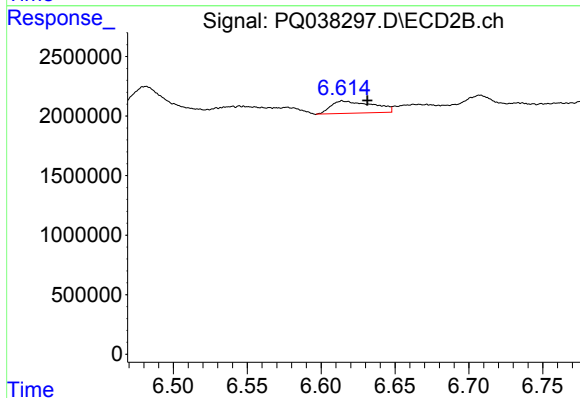
R.T.: 7.163 min
Delta R.T.: 0.016 min
Response: 1017382
Conc: 5.02 ng/ml



#31 AR-1260-1

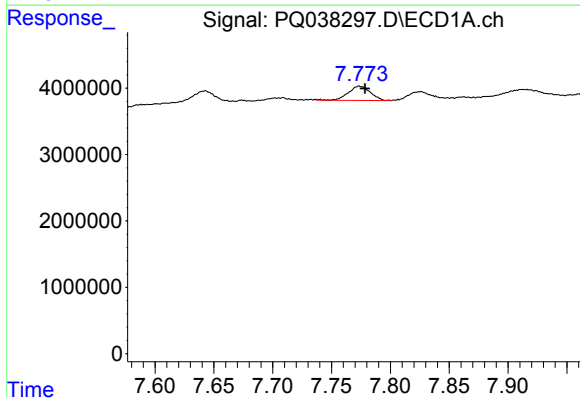
R.T.: 7.520 min
Delta R.T.: -0.003 min
Response: 2453010
Conc: 5.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W0



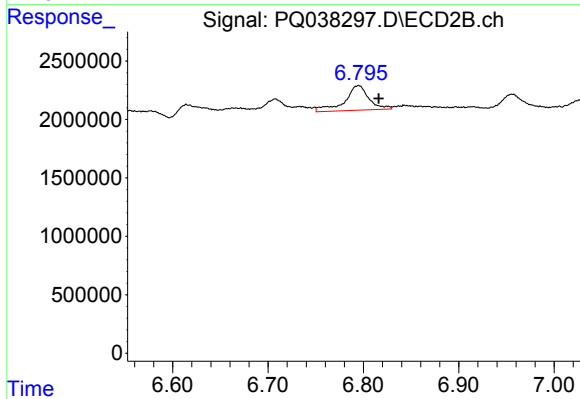
#31 AR-1260-1

R.T.: 6.614 min
Delta R.T.: -0.017 min
Response: 2048738
Conc: 10.02 ng/ml



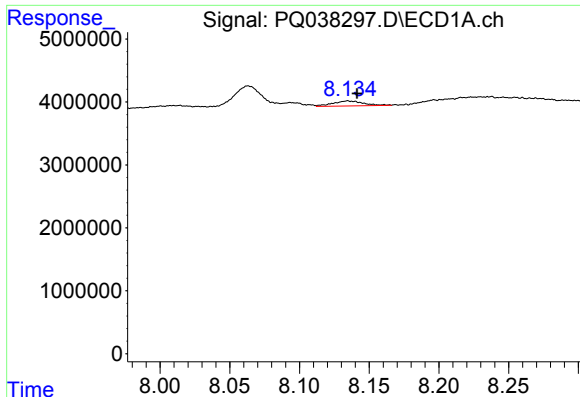
#32 AR-1260-2

R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 2823630
Conc: 5.50 ng/ml



#32 AR-1260-2

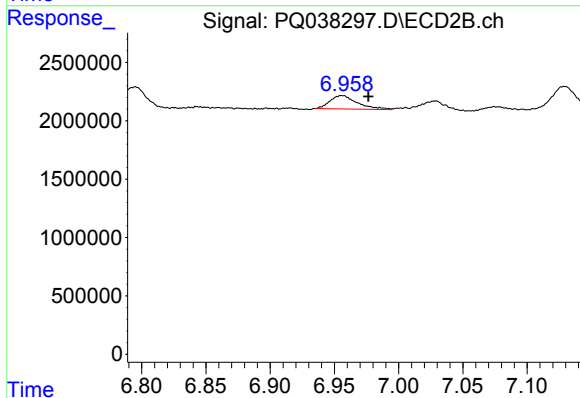
R.T.: 6.795 min
Delta R.T.: -0.021 min
Response: 3730046
Conc: 14.56 ng/ml



#33 AR-1260-3

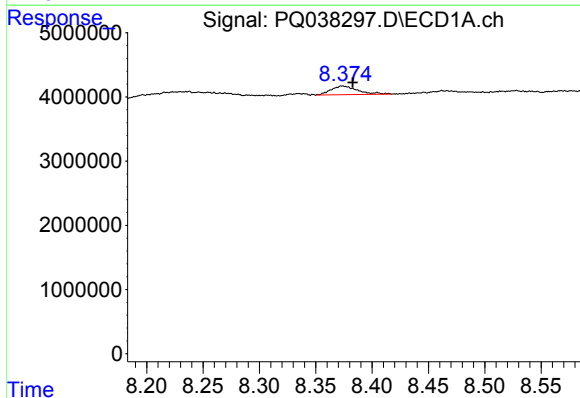
R.T.: 8.135 min
Delta R.T.: -0.006 min
Response: 1219269
Conc: 3.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W0



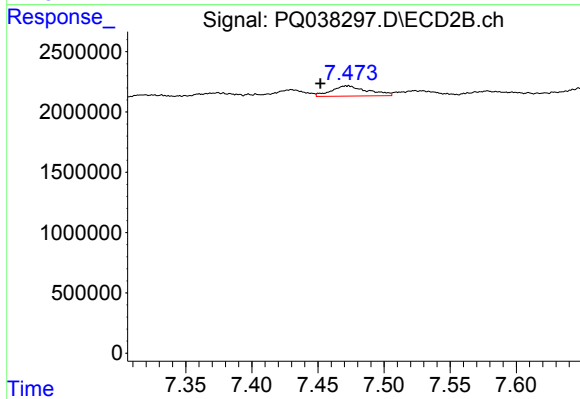
#33 AR-1260-3

R.T.: 6.956 min
Delta R.T.: -0.020 min
Response: 1714468
Conc: 7.17 ng/ml



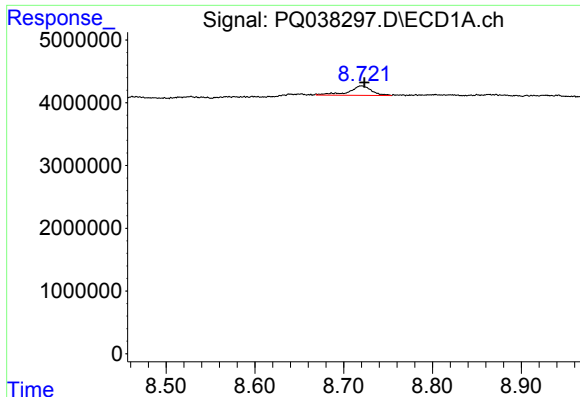
#34 AR-1260-4

R.T.: 8.374 min
Delta R.T.: -0.009 min
Response: 2175114
Conc: 4.77 ng/ml



#34 AR-1260-4

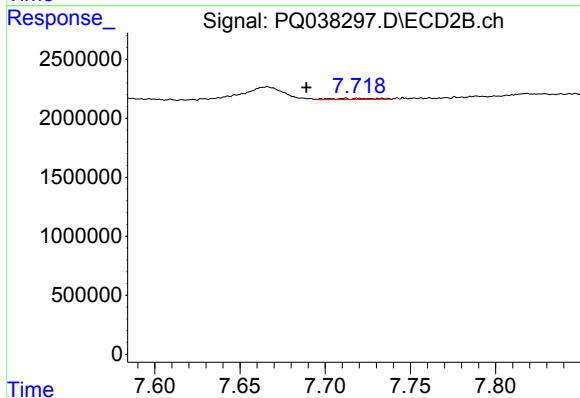
R.T.: 7.472 min
Delta R.T.: 0.020 min
Response: 1626405
Conc: 8.22 ng/ml



#35 AR-1260-5

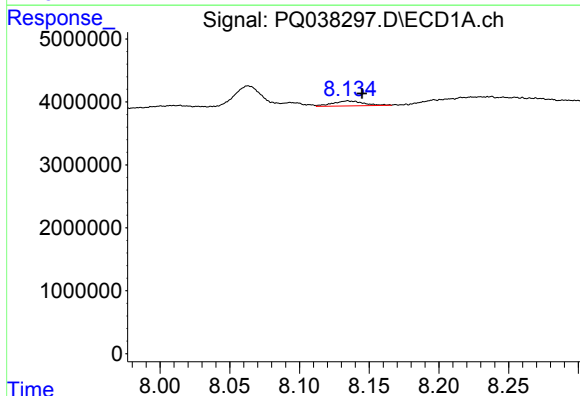
R.T.: 8.720 min
Delta R.T.: -0.003 min
Response: 2633351
Conc: 2.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W0



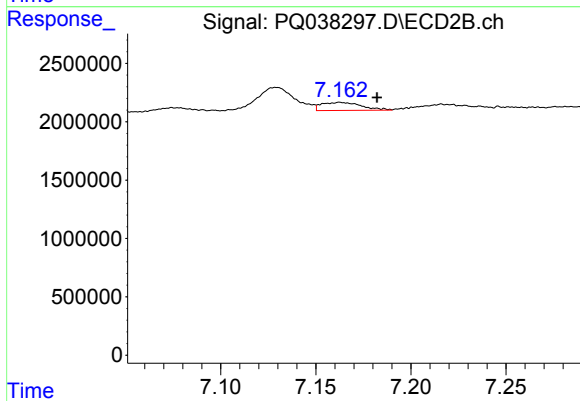
#35 AR-1260-5

R.T.: 7.712 min
Delta R.T.: 0.023 min
Response: 178888
Conc: 0.36 ng/ml



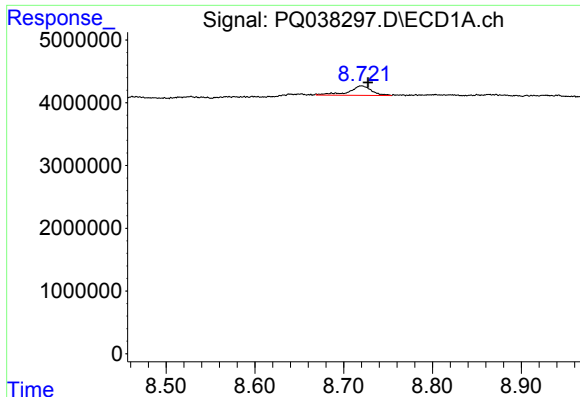
#36 AR-1262-1

R.T.: 8.135 min
Delta R.T.: -0.010 min
Response: 1219269
Conc: 3.08 ng/ml



#36 AR-1262-1

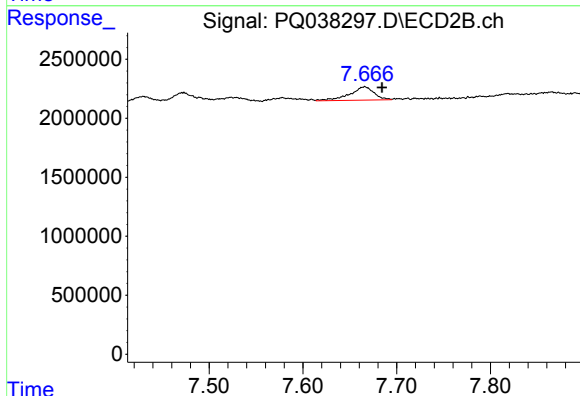
R.T.: 7.163 min
Delta R.T.: -0.019 min
Response: 1017382
Conc: 4.72 ng/ml



#37 AR-1262-2

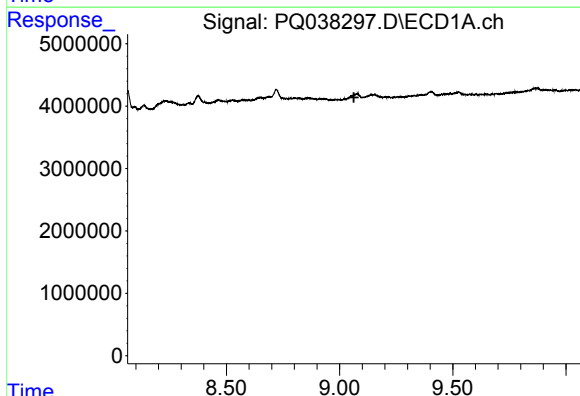
R.T.: 8.720 min
Delta R.T.: -0.007 min
Response: 2633351
Conc: 3.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W0



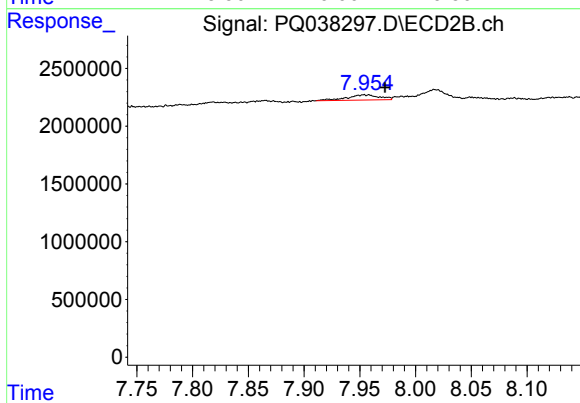
#37 AR-1262-2

R.T.: 7.666 min
Delta R.T.: -0.019 min
Response: 2056518
Conc: 5.28 ng/ml



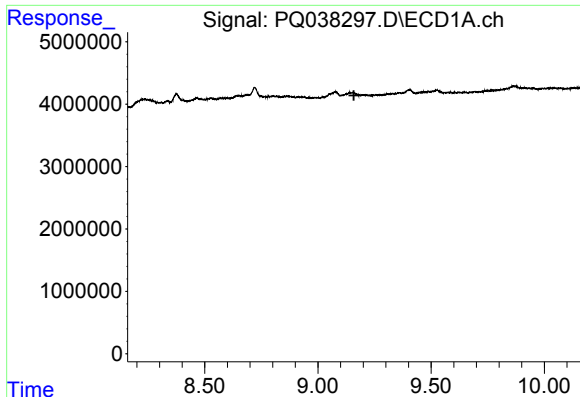
#38 AR-1262-3

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



#38 AR-1262-3

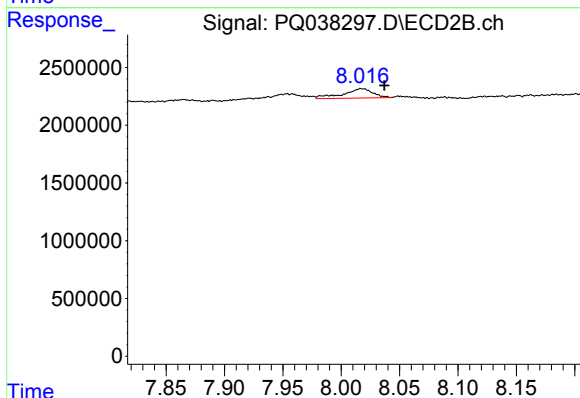
R.T.: 7.954 min
Delta R.T.: -0.019 min
Response: 908384
Conc: 6.10 ng/ml



#39 AR-1262-4

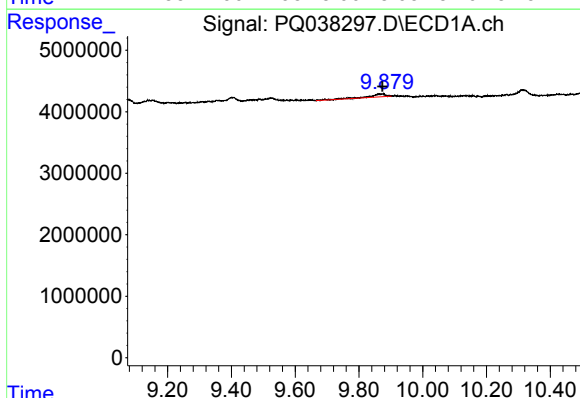
R.T.: 0.000 min
Exp R.T.: 9.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



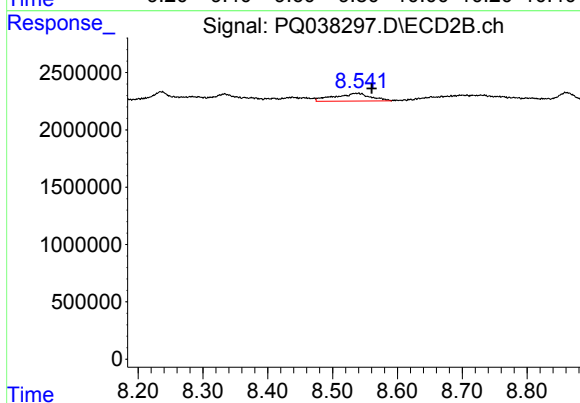
#39 AR-1262-4

R.T.: 8.018 min
Delta R.T.: -0.019 min
Response: 1444321
Conc: 5.07 ng/ml



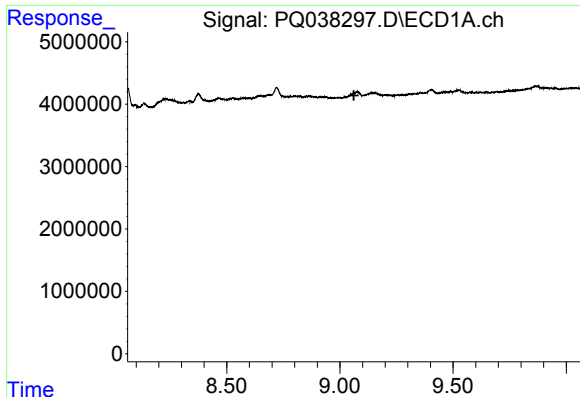
#40 AR-1262-5

R.T.: 9.867 min
Delta R.T.: -0.007 min
Response: 1811758
Conc: 7.37 ng/ml



#40 AR-1262-5

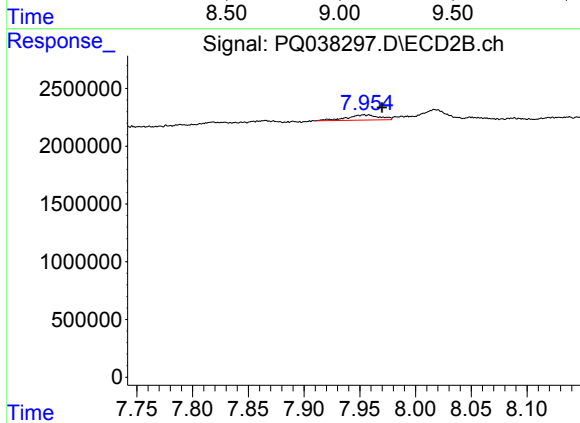
R.T.: 8.540 min
Delta R.T.: -0.021 min
Response: 2629249
Conc: 22.25 ng/ml



#41 AR-1268-1

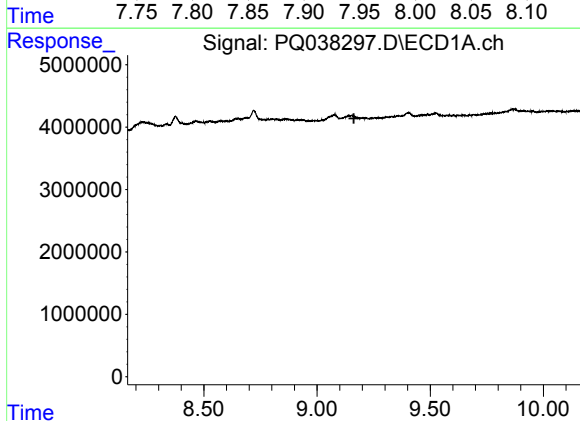
R.T.: 0.000 min
Exp R.T.: 9.062 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



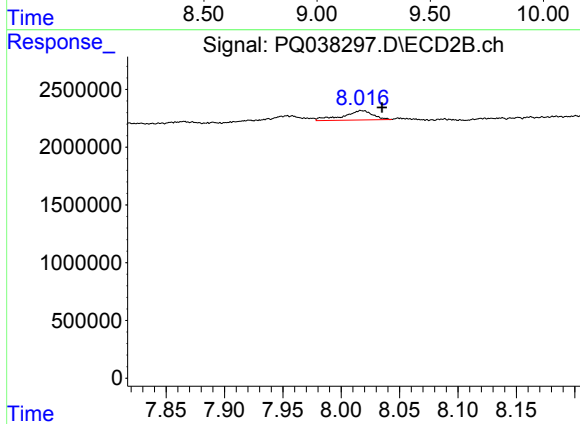
#41 AR-1268-1

R.T.: 7.954 min
Delta R.T.: -0.016 min
Response: 908384
Conc: 1.13 ng/ml



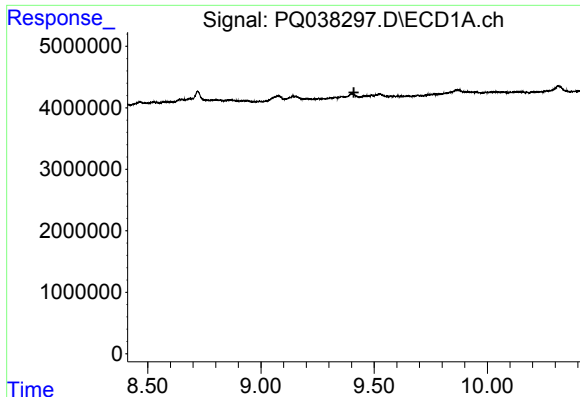
#42 AR-1268-2

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



#42 AR-1268-2

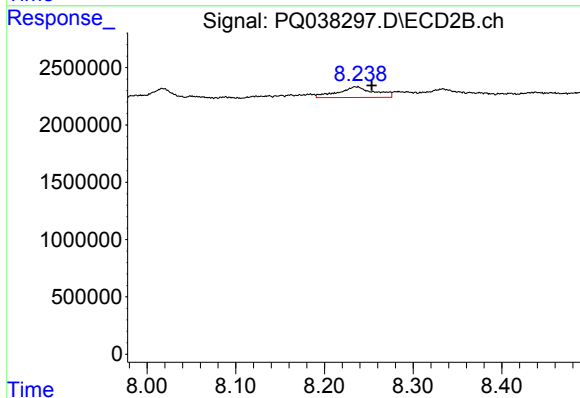
R.T.: 8.018 min
Delta R.T.: -0.017 min
Response: 1444321
Conc: 1.99 ng/ml



#43 AR-1268-3

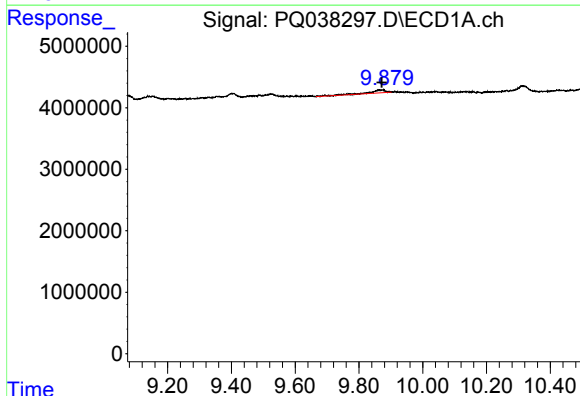
R.T.: 0.000 min
Exp R.T.: 9.410 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



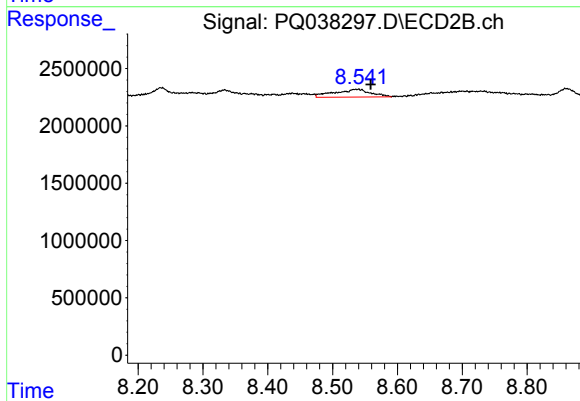
#43 AR-1268-3

R.T.: 8.235 min
Delta R.T.: -0.018 min
Response: 2661204
Conc: 4.23 ng/ml



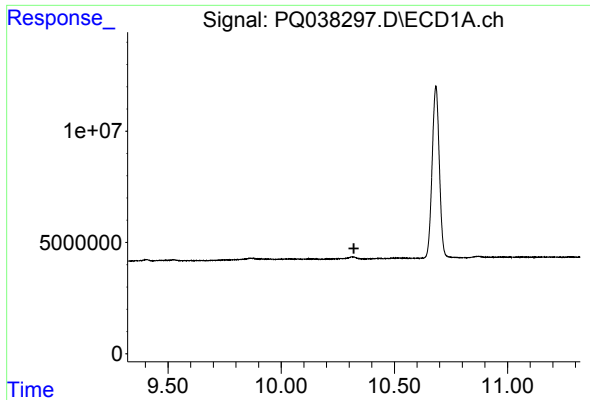
#44 AR-1268-4

R.T.: 9.867 min
Delta R.T.: -0.004 min
Response: 1811758
Conc: 3.79 ng/ml



#44 AR-1268-4

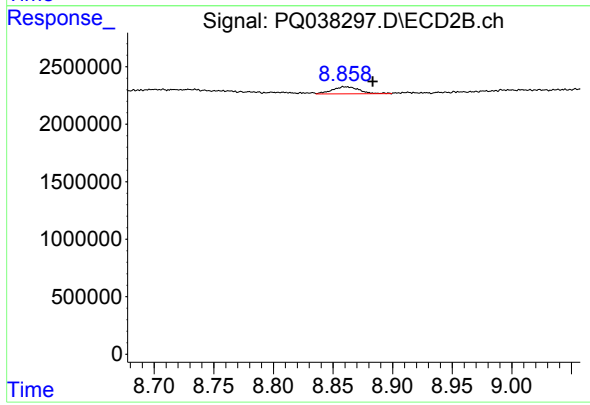
R.T.: 8.540 min
Delta R.T.: -0.019 min
Response: 2629249
Conc: 11.17 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.321 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W0



#45 AR-1268-5

R.T.: 8.861 min
Delta R.T.: -0.022 min
Response: 972071
Conc: 0.50 ng/ml