

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032619\
 Data File : PQ038394.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2019 00:11
 Operator : SM\SJ
 Sample : K2084-17
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF7Z5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 01:04:00 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...	4.726	4.005	80928543	32112068	19.636	19.026
2)	SA Decachlor...	10.676	9.138	164.3E6	68596564	30.203	28.994
Target Compounds							
3)	L1 AR-1016-1	5.965	5.108	4320008	26251946	18.091	245.715 #
4)	L1 AR-1016-2	5.965	5.108	4320008	26251946	11.900	169.465 #
5)	L1 AR-1016-3	5.965	5.347	4320008	11104970	19.408	138.494 #
6)	L1 AR-1016-4	0.000	5.380	0	5091864	N.D.	80.193 #
7)	L1 AR-1016-5	6.385	5.522	16423937	6684226	88.978	76.314
9)	L2 AR-1221-2	0.000	4.314	0	23013274	N.D.	1382.380 #
12)	L3 AR-1232-2	5.673	5.108	9939205	26251946	191.875	588.209 #
13)	L3 AR-1232-3	5.965	5.347	4320008	11104970	40.704	461.535 #
14)	L3 AR-1232-4	0.000	5.432	0	11075936	N.D.	490.396 #
15)	L3 AR-1232-5	6.205	5.522	15783730	6684226	387.956	276.157 #
16)	L4 AR-1242-1	5.965	5.108	4320008	26251946	28.224	372.818 #
17)	L4 AR-1242-2	5.965	5.108	4320008	26251946	18.908	260.547 #
18)	L4 AR-1242-3	5.965	5.347	4320008	11104970	30.098	207.438 #
19)	L4 AR-1242-4	0.000	5.432	0	11075936	N.D.	204.052 #
20)	L4 AR-1242-5	6.830	0.000	2203607	0	16.590	N.D. #
21)	L5 AR-1248-1	5.965	5.108	4320008	26251946	40.153	523.149 #
22)	L5 AR-1248-2	6.205	5.380	15783730	5091864	96.821	71.456 #
23)	L5 AR-1248-3	6.385	5.432	16423937	11075936	89.803	151.202 #
24)	L5 AR-1248-4	6.830	5.522	2203607	6684226	10.510	73.922 #
25)	L5 AR-1248-5	6.830	6.035	2203607	18773994	10.933	209.254 #
26)	L6 AR-1254-1	6.726	0.000	1549554	0	6.453	N.D. #
27)	L6 AR-1254-2	0.000	6.085	0	1423302	N.D.	10.186 #
28)	L6 AR-1254-3	7.366	6.494	12989675	7815221	31.996	32.505
29)	L6 AR-1254-4	0.000	6.684	0	13261408	N.D.	85.574 #
30)	L6 AR-1254-5	8.083	7.146	26772878	3236984	82.943	15.967 #
31)	L7 AR-1260-1	0.000	6.628	0	15192962	N.D.	74.310 #
32)	L7 AR-1260-2	0.000	6.823	0	2920584	N.D.	11.402 #
33)	L7 AR-1260-3	8.083	6.997	26772878	3028053	69.212	12.658 #
34)	L7 AR-1260-4	0.000	7.462	0	16420838	N.D.	82.960 #
35)	L7 AR-1260-5	8.733	7.690	21811077	5401570	23.033	10.986 #
36)	L8 AR-1262-1	8.083	7.146	26772878	3236984	67.541	15.033 #
37)	L8 AR-1262-2	8.733	7.690	21811077	5401570	30.578	13.865 #
38)	L8 AR-1262-3	9.086	7.989	16675140	-904207	34.838	N.D. #
39)	L8 AR-1262-4	0.000	8.048	0	6440587	N.D.	22.595 #
40)	L8 AR-1262-5	0.000	8.506	0	2812056	N.D.	23.792 #
41)	L9 AR-1268-1	9.086	7.989	16675140	-904207	10.517	N.D. #
42)	L9 AR-1268-2	0.000	8.048	0	6440587	N.D.	8.873 #
43)	L9 AR-1268-3	0.000	8.232	0	1042846	N.D.	1.657 #
44)	L9 AR-1268-4	0.000	8.506	0	2812056	N.D.	11.943 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
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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
45) L9	AR-1268-5	10.307	8.853	8481376	681108	1.969	0.354 #

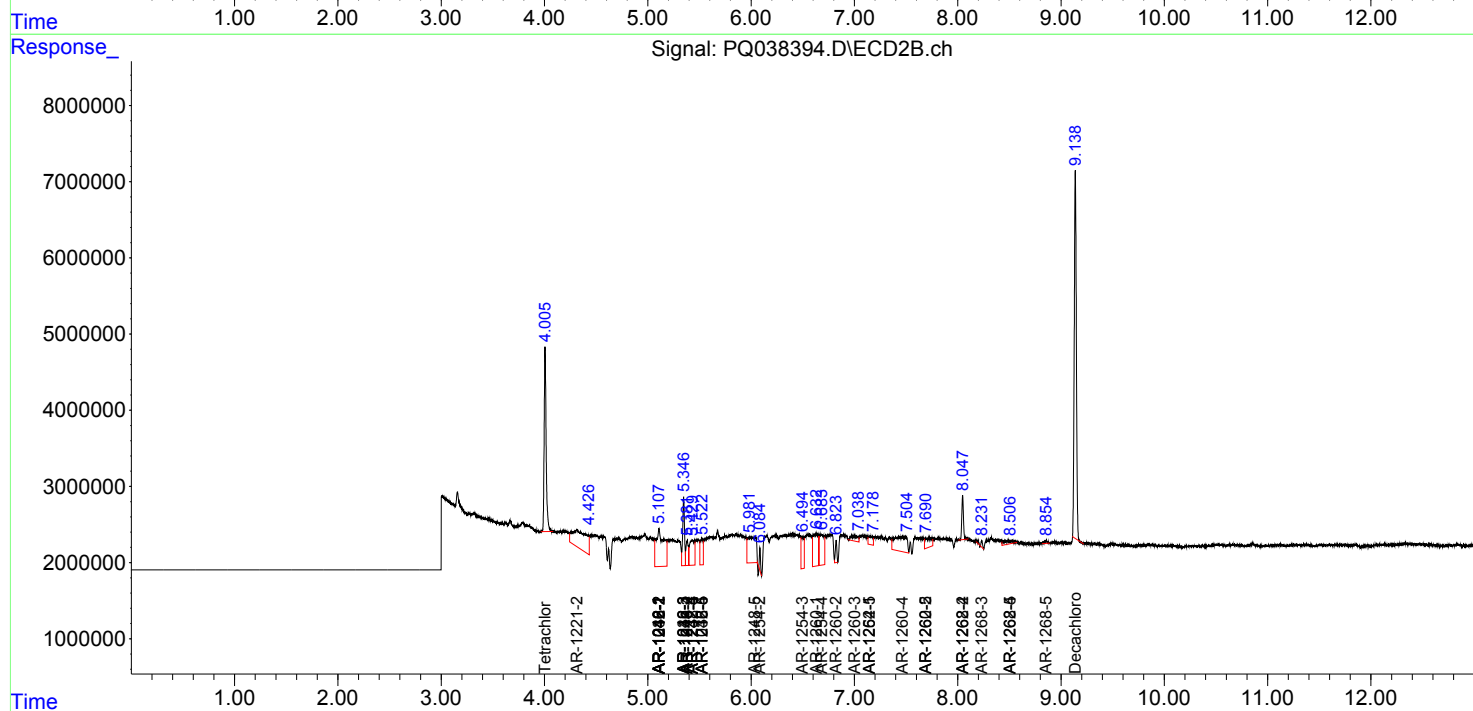
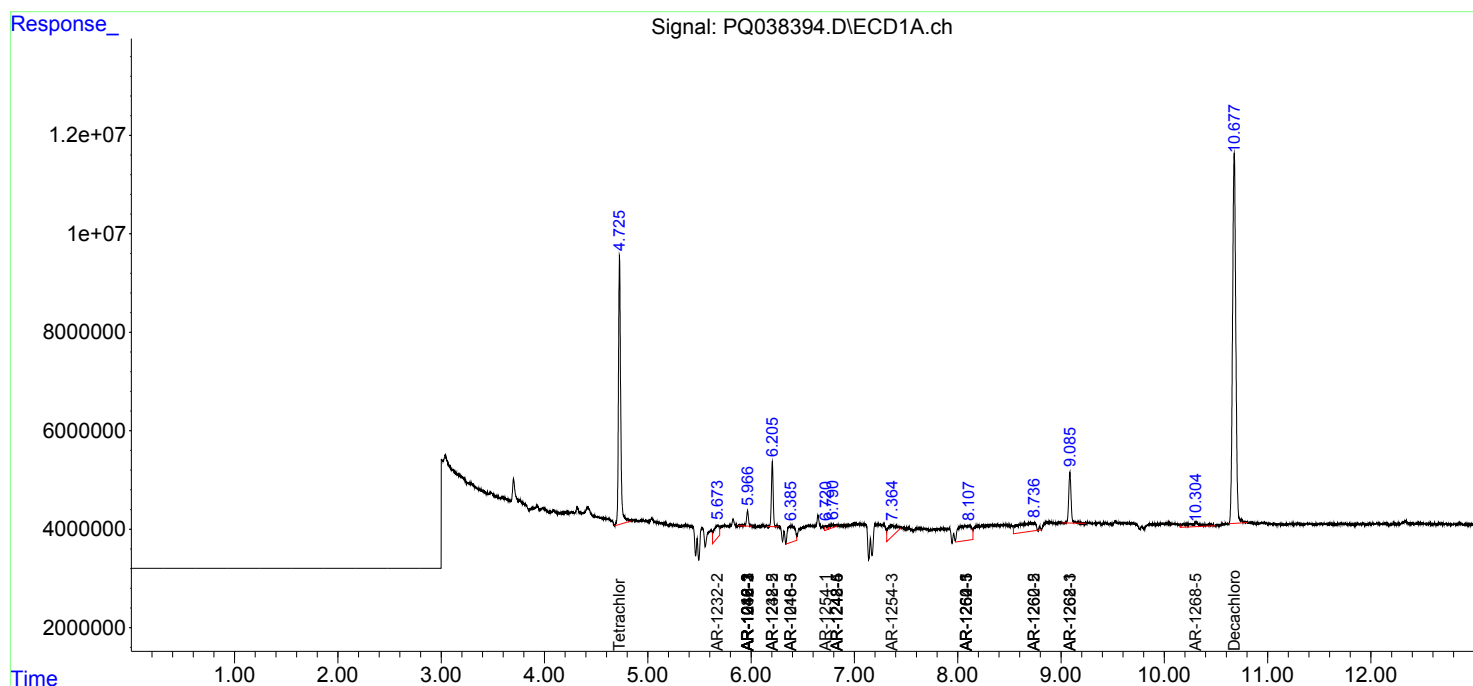
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

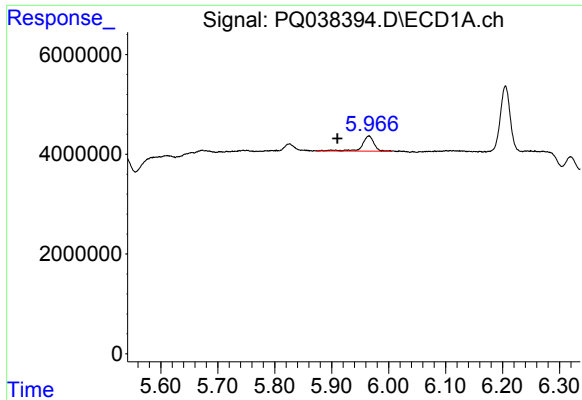
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032619\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

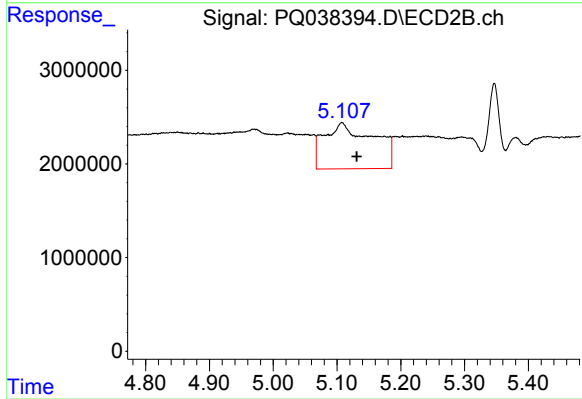




#3 AR-1016-1

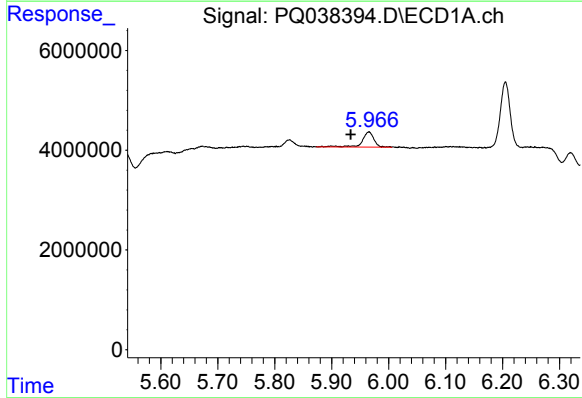
R.T.: 5.965 min
Delta R.T.: 0.055 min
Response: 4320008
Conc: 18.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



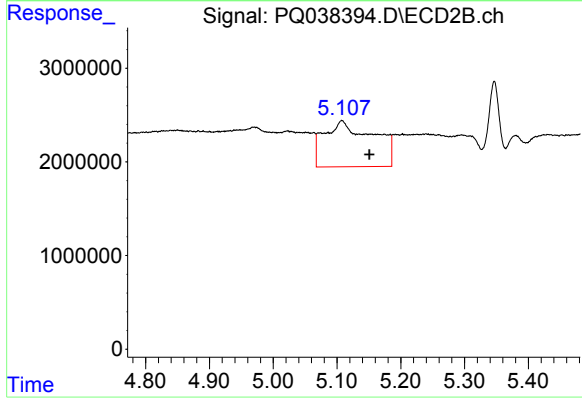
#3 AR-1016-1

R.T.: 5.108 min
Delta R.T.: -0.023 min
Response: 26251946
Conc: 245.72 ng/ml



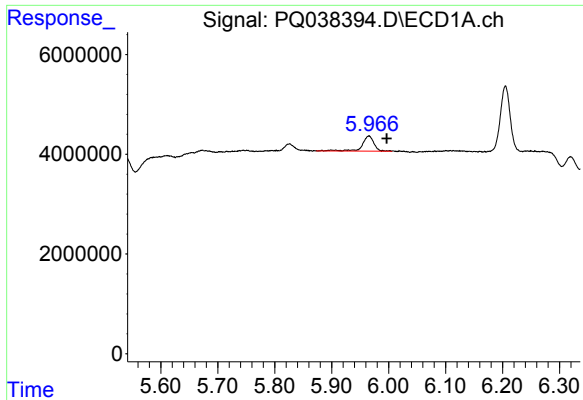
#4 AR-1016-2

R.T.: 5.965 min
Delta R.T.: 0.032 min
Response: 4320008
Conc: 11.90 ng/ml



#4 AR-1016-2

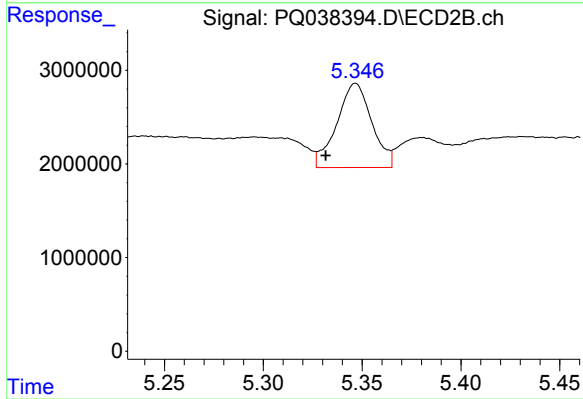
R.T.: 5.108 min
Delta R.T.: -0.043 min
Response: 26251946
Conc: 169.47 ng/ml



#5 AR-1016-3

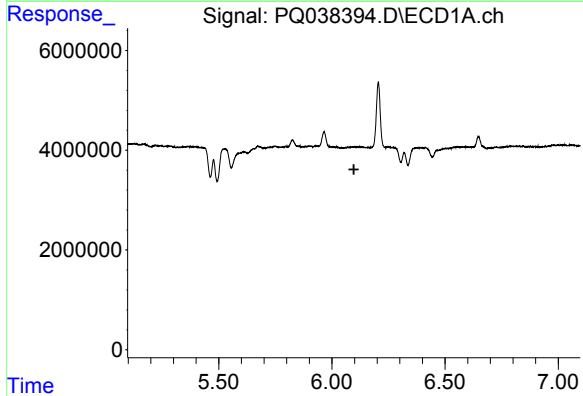
R.T.: 5.965 min
Delta R.T.: -0.031 min
Response: 4320008
Conc: 19.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



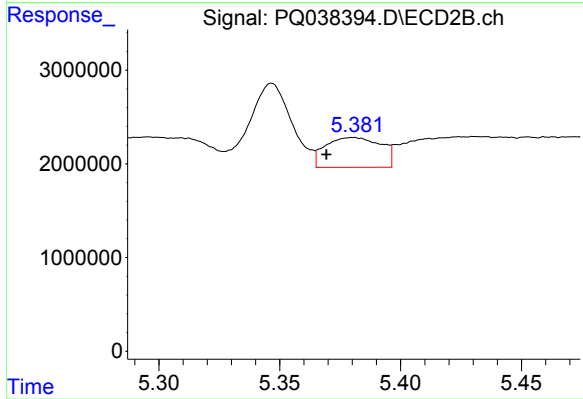
#5 AR-1016-3

R.T.: 5.347 min
Delta R.T.: 0.015 min
Response: 11104970
Conc: 138.49 ng/ml



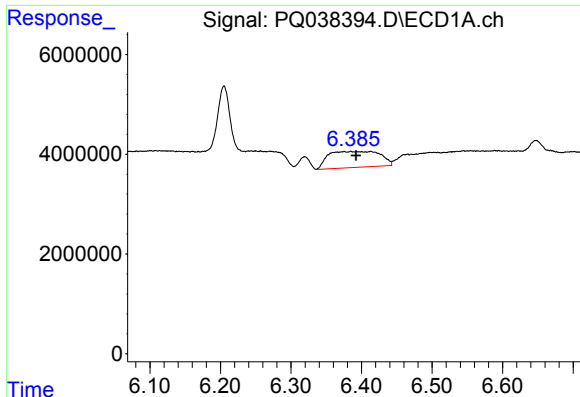
#6 AR-1016-4

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



#6 AR-1016-4

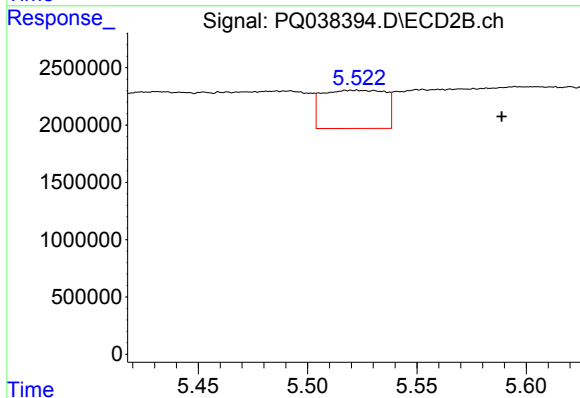
R.T.: 5.380 min
Delta R.T.: 0.011 min
Response: 5091864
Conc: 80.19 ng/ml



#7 AR-1016-5

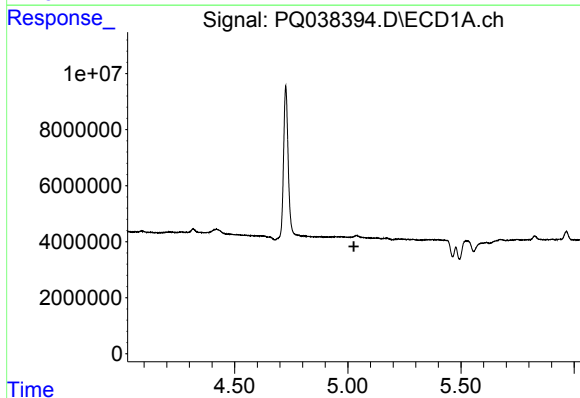
R.T.: 6.385 min
Delta R.T.: -0.007 min
Response: 16423937
Conc: 88.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



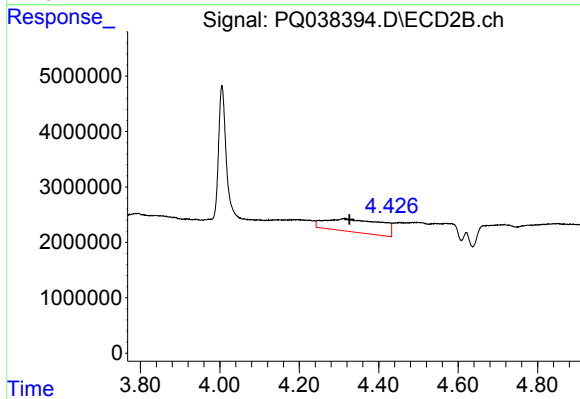
#7 AR-1016-5

R.T.: 5.522 min
Delta R.T.: -0.067 min
Response: 6684226
Conc: 76.31 ng/ml



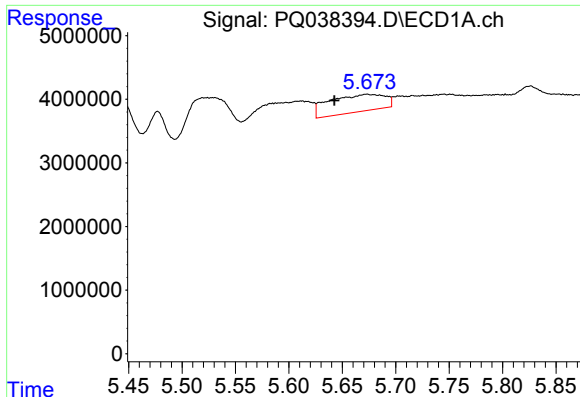
#9 AR-1221-2

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



#9 AR-1221-2

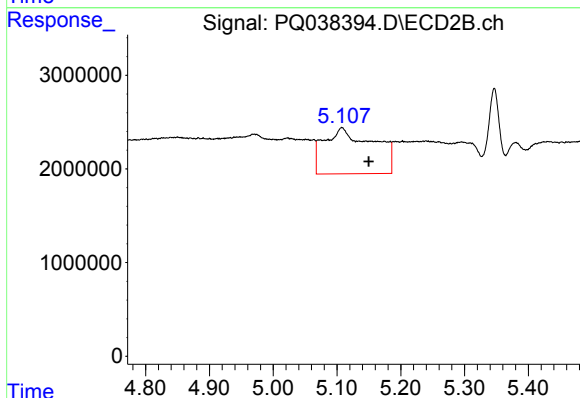
R.T.: 4.314 min
Delta R.T.: -0.012 min
Response: 23013274
Conc: 1382.38 ng/ml



#12 AR-1232-2

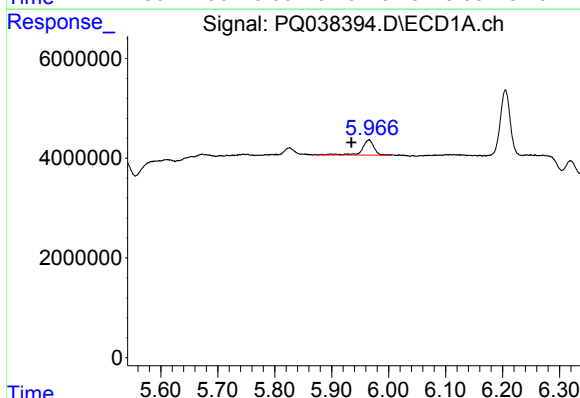
R.T.: 5.673 min
Delta R.T.: 0.030 min
Response: 9939205
Conc: 191.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



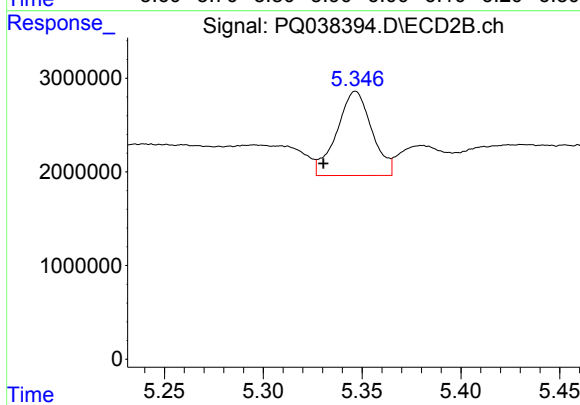
#12 AR-1232-2

R.T.: 5.108 min
Delta R.T.: -0.042 min
Response: 26251946
Conc: 588.21 ng/ml



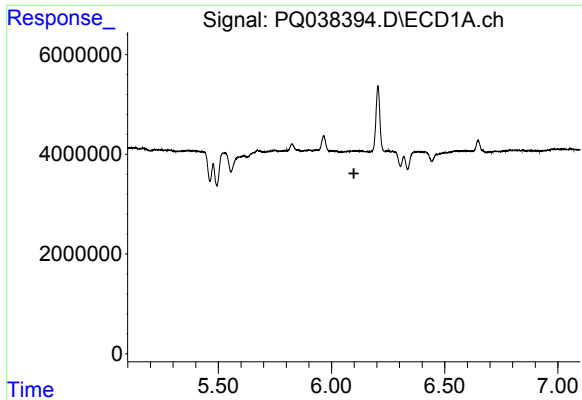
#13 AR-1232-3

R.T.: 5.965 min
Delta R.T.: 0.031 min
Response: 4320008
Conc: 40.70 ng/ml



#13 AR-1232-3

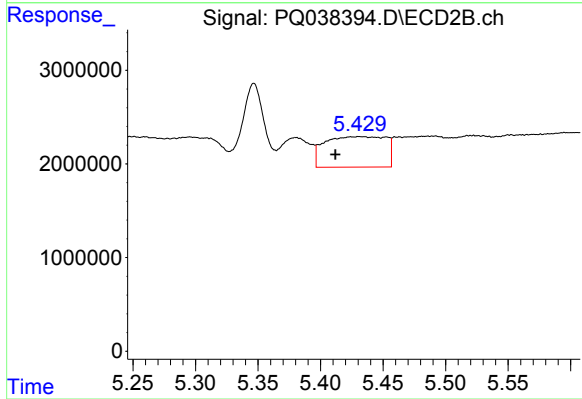
R.T.: 5.347 min
Delta R.T.: 0.016 min
Response: 11104970
Conc: 461.53 ng/ml



#14 AR-1232-4

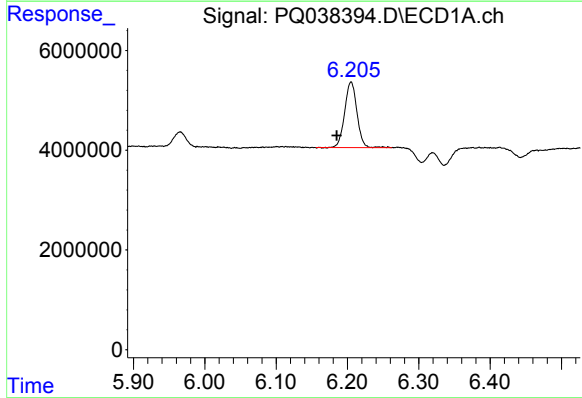
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



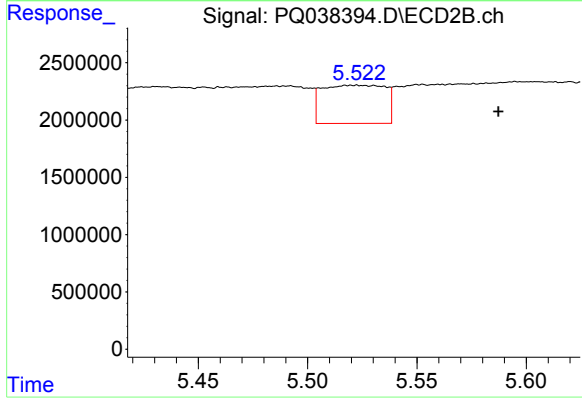
#14 AR-1232-4

R.T.: 5.432 min
Delta R.T.: 0.020 min
Response: 11075936
Conc: 490.40 ng/ml



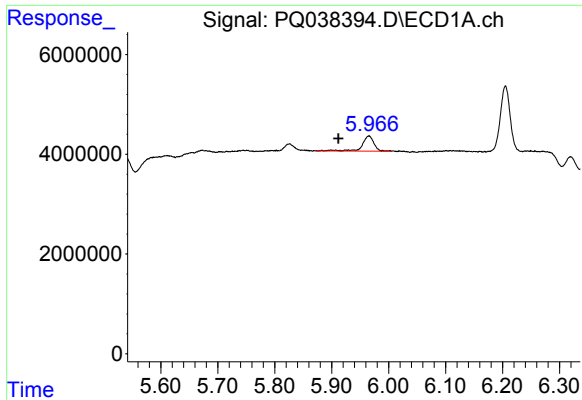
#15 AR-1232-5

R.T.: 6.205 min
Delta R.T.: 0.020 min
Response: 15783730
Conc: 387.96 ng/ml



#15 AR-1232-5

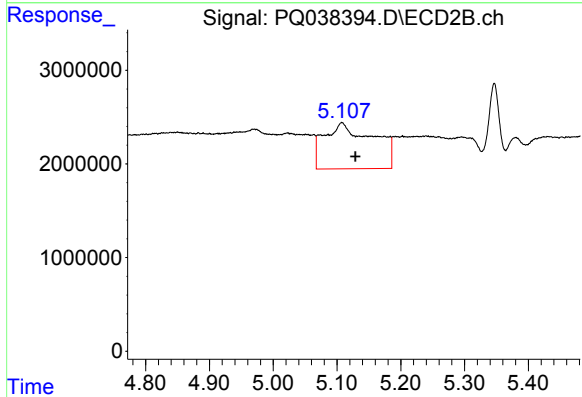
R.T.: 5.522 min
Delta R.T.: -0.066 min
Response: 6684226
Conc: 276.16 ng/ml



#16 AR-1242-1

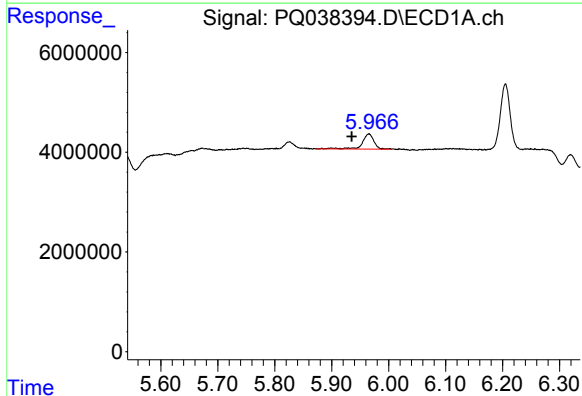
R.T.: 5.965 min
Delta R.T.: 0.054 min
Response: 4320008
Conc: 28.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



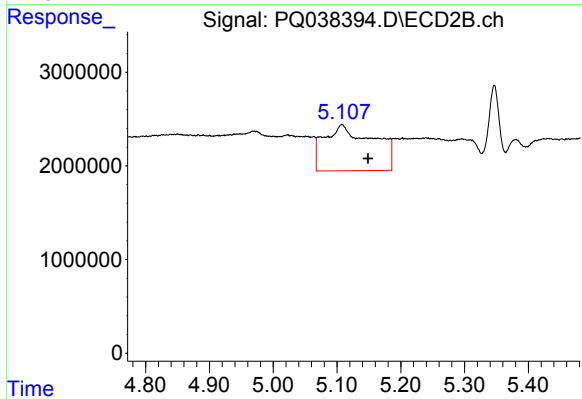
#16 AR-1242-1

R.T.: 5.108 min
Delta R.T.: -0.021 min
Response: 26251946
Conc: 372.82 ng/ml



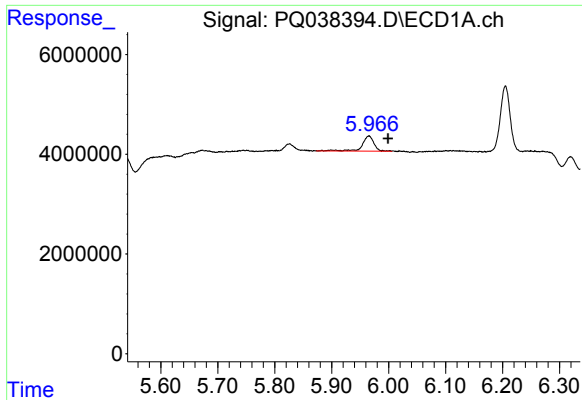
#17 AR-1242-2

R.T.: 5.965 min
Delta R.T.: 0.030 min
Response: 4320008
Conc: 18.91 ng/ml



#17 AR-1242-2

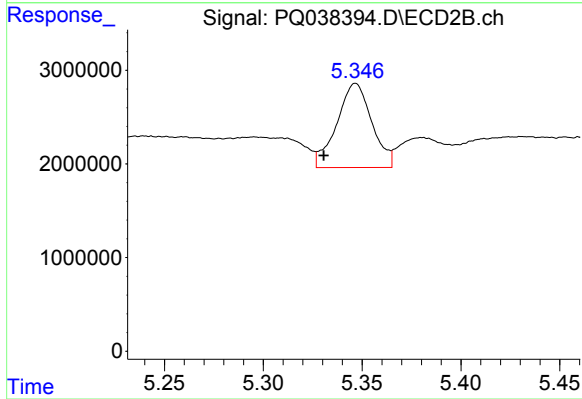
R.T.: 5.108 min
Delta R.T.: -0.041 min
Response: 26251946
Conc: 260.55 ng/ml



#18 AR-1242-3

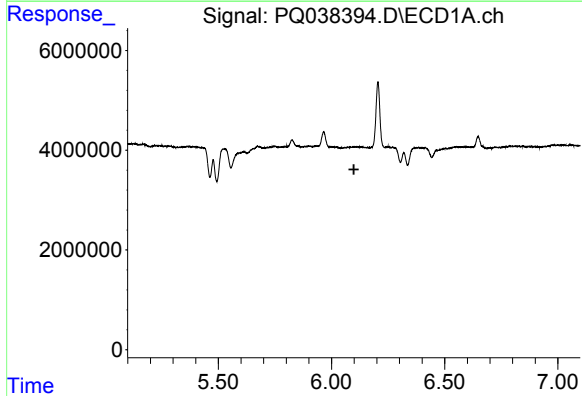
R.T.: 5.965 min
Delta R.T.: -0.033 min
Response: 4320008
Conc: 30.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



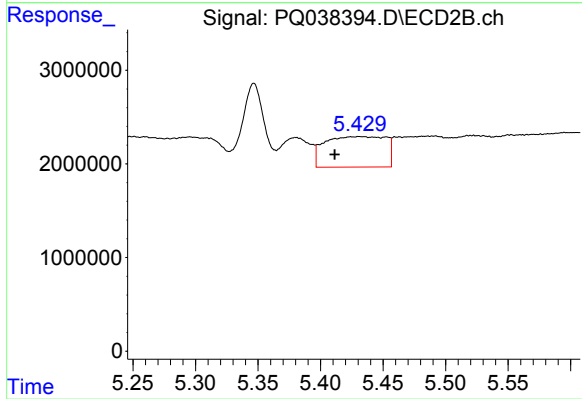
#18 AR-1242-3

R.T.: 5.347 min
Delta R.T.: 0.016 min
Response: 11104970
Conc: 207.44 ng/ml



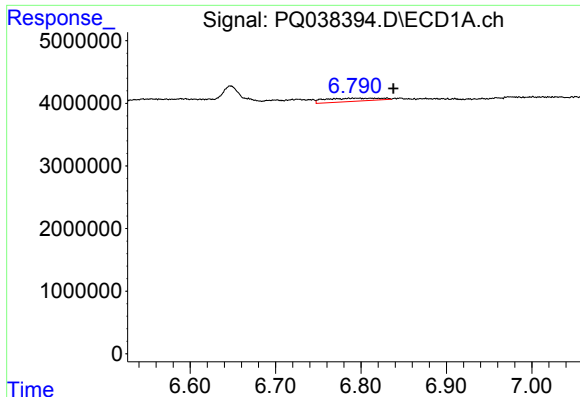
#19 AR-1242-4

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



#19 AR-1242-4

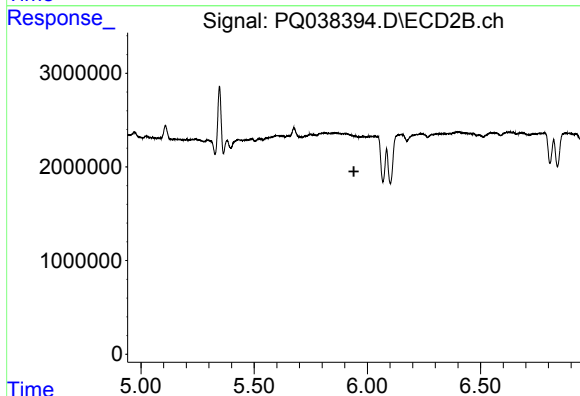
R.T.: 5.432 min
Delta R.T.: 0.020 min
Response: 11075936
Conc: 204.05 ng/ml



#20 AR-1242-5

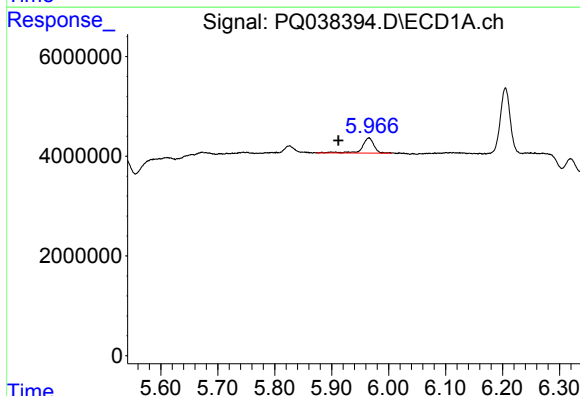
R.T.: 6.830 min
Delta R.T.: -0.008 min
Response: 2203607
Conc: 16.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



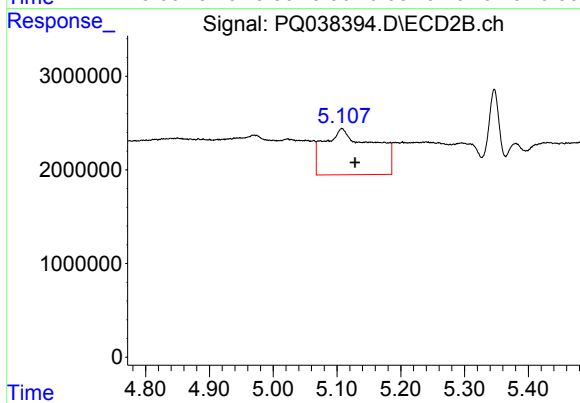
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



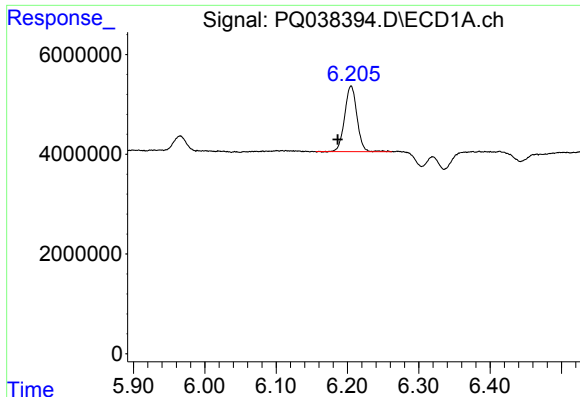
#21 AR-1248-1

R.T.: 5.965 min
Delta R.T.: 0.053 min
Response: 4320008
Conc: 40.15 ng/ml



#21 AR-1248-1

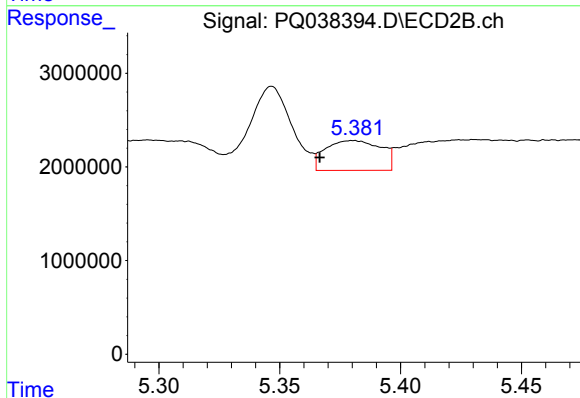
R.T.: 5.108 min
Delta R.T.: -0.020 min
Response: 26251946
Conc: 523.15 ng/ml



#22 AR-1248-2

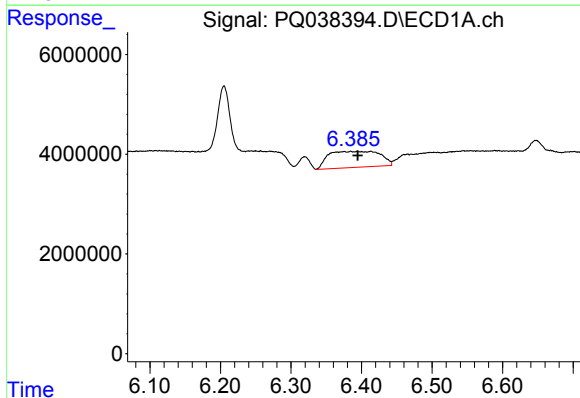
R.T.: 6.205 min
Delta R.T.: 0.019 min
Response: 15783730
Conc: 96.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



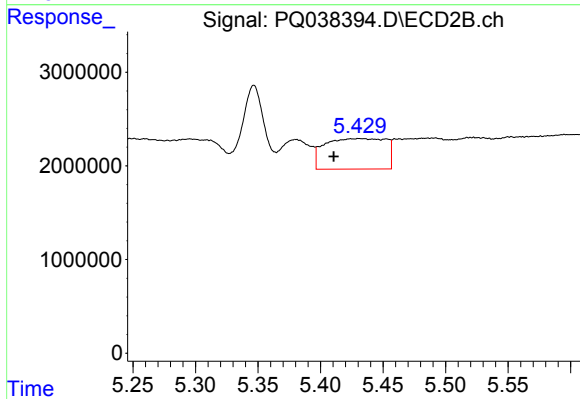
#22 AR-1248-2

R.T.: 5.380 min
Delta R.T.: 0.014 min
Response: 5091864
Conc: 71.46 ng/ml



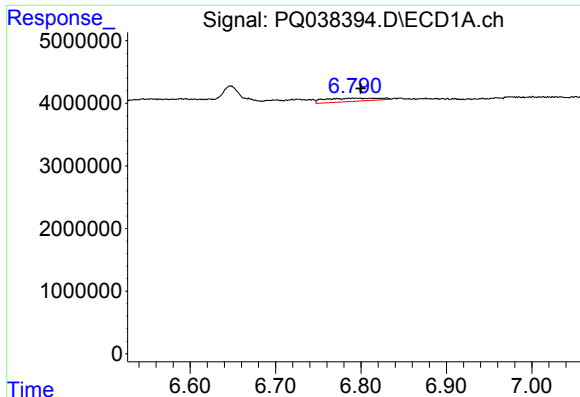
#23 AR-1248-3

R.T.: 6.385 min
Delta R.T.: -0.010 min
Response: 16423937
Conc: 89.80 ng/ml



#23 AR-1248-3

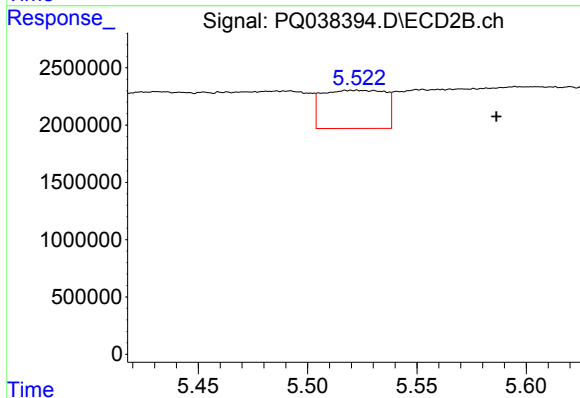
R.T.: 5.432 min
Delta R.T.: 0.021 min
Response: 11075936
Conc: 151.20 ng/ml



#24 AR-1248-4

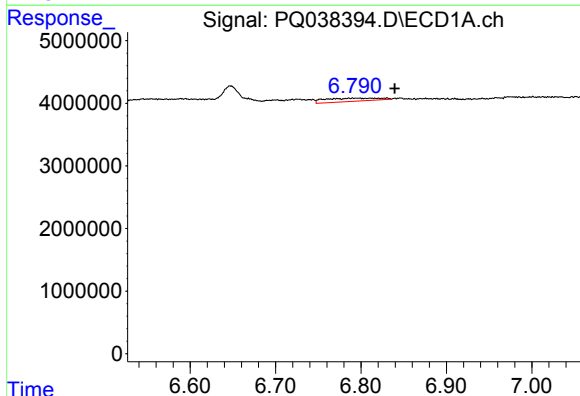
R.T.: 6.830 min
Delta R.T.: 0.031 min
Response: 2203607
Conc: 10.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



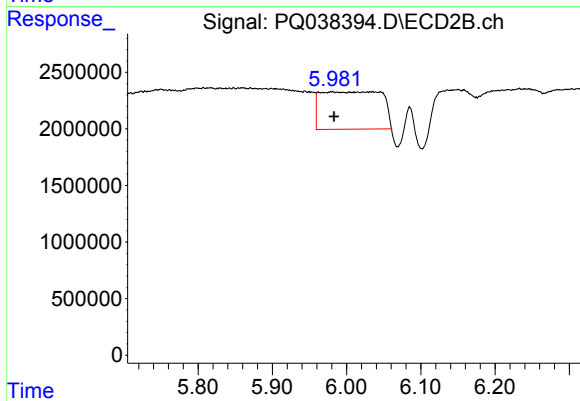
#24 AR-1248-4

R.T.: 5.522 min
Delta R.T.: -0.065 min
Response: 6684226
Conc: 73.92 ng/ml



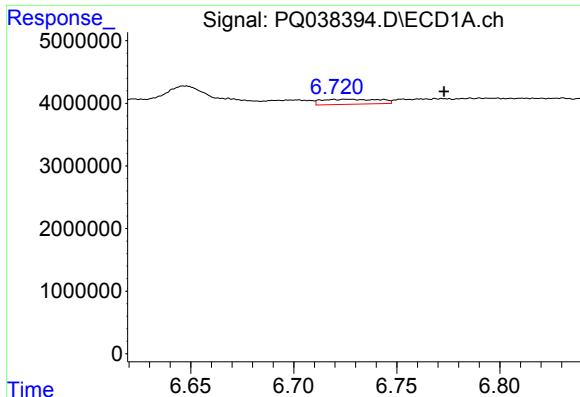
#25 AR-1248-5

R.T.: 6.830 min
Delta R.T.: -0.009 min
Response: 2203607
Conc: 10.93 ng/ml



#25 AR-1248-5

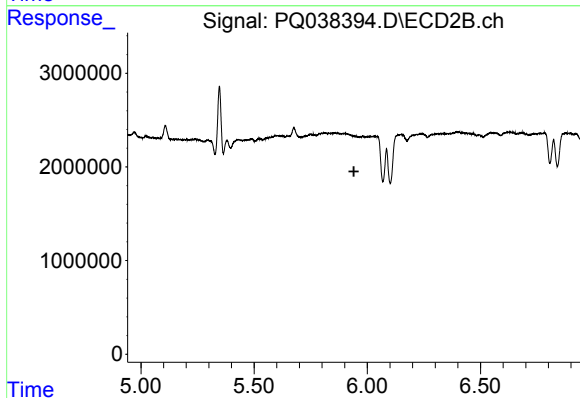
R.T.: 6.035 min
Delta R.T.: 0.052 min
Response: 18773994
Conc: 209.25 ng/ml



#26 AR-1254-1

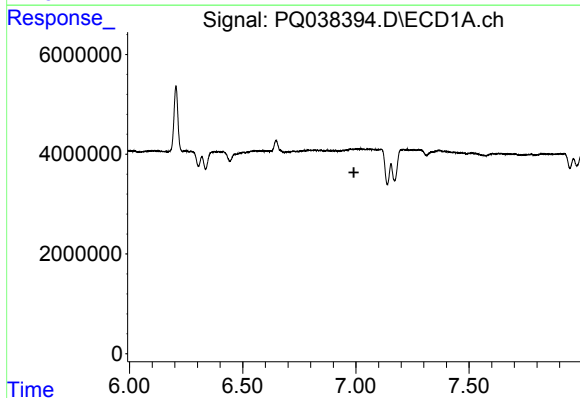
R.T.: 6.726 min
Delta R.T.: -0.047 min
Response: 1549554
Conc: 6.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



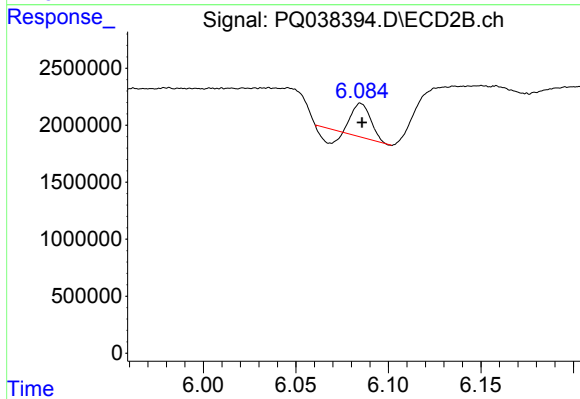
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



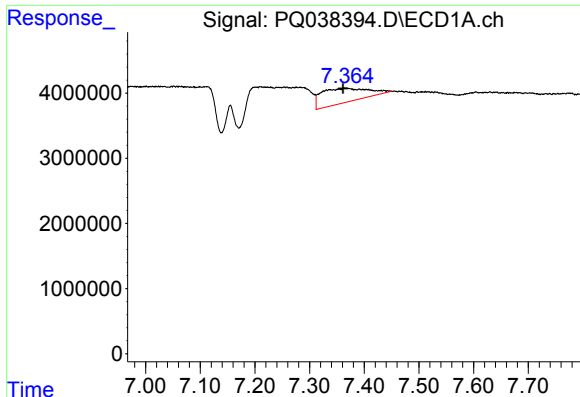
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.991 min
Response: 0
Conc: N.D.



#27 AR-1254-2

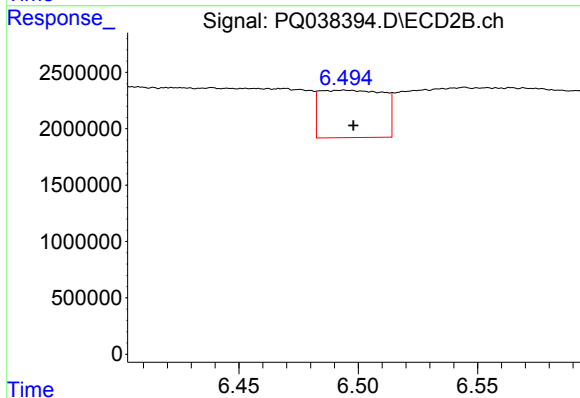
R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 1423302
Conc: 10.19 ng/ml



#28 AR-1254-3

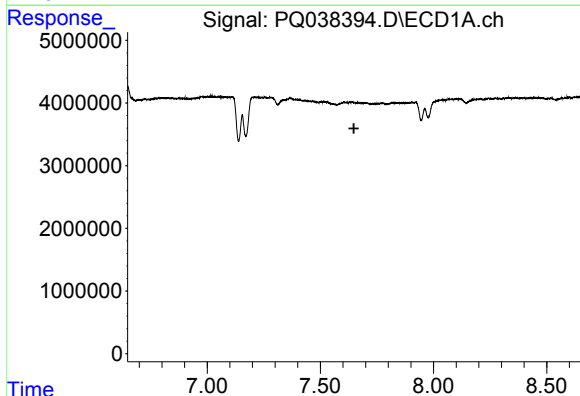
R.T.: 7.366 min
Delta R.T.: 0.004 min
Response: 12989675
Conc: 32.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



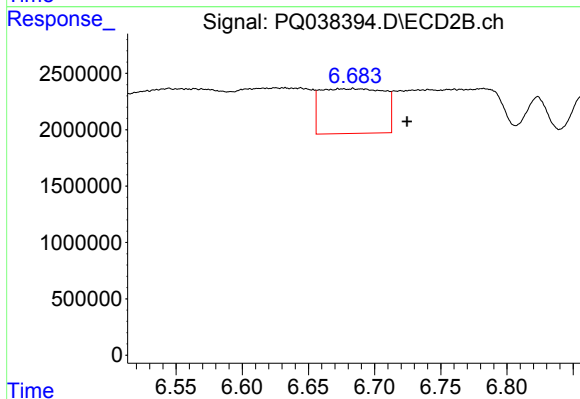
#28 AR-1254-3

R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 7815221
Conc: 32.50 ng/ml



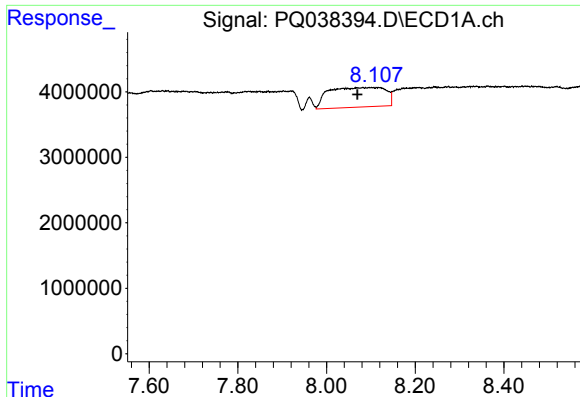
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 7.648 min
Response: 0
Conc: N.D.



#29 AR-1254-4

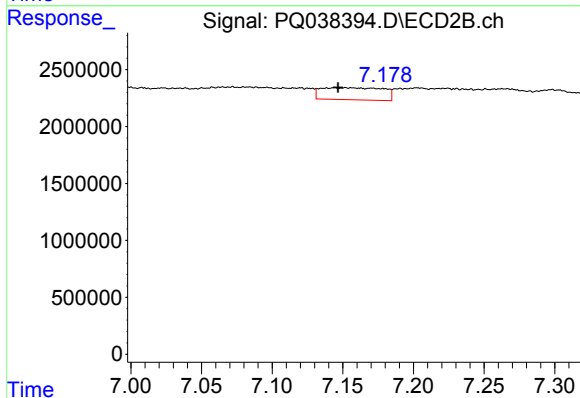
R.T.: 6.684 min
Delta R.T.: -0.040 min
Response: 13261408
Conc: 85.57 ng/ml



#30 AR-1254-5

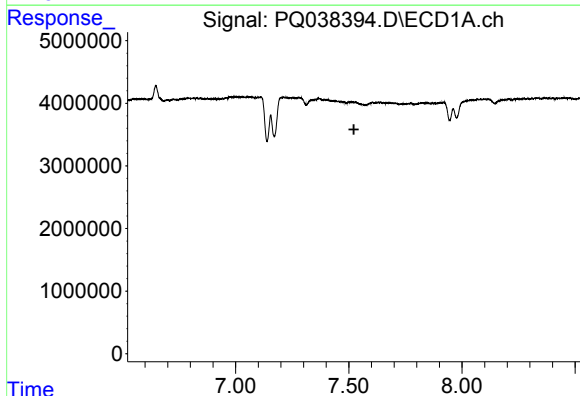
R.T.: 8.083 min
Delta R.T.: 0.013 min
Response: 26772878
Conc: 82.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



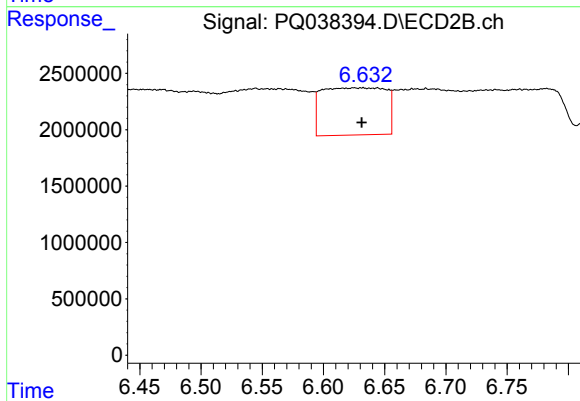
#30 AR-1254-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 3236984
Conc: 15.97 ng/ml



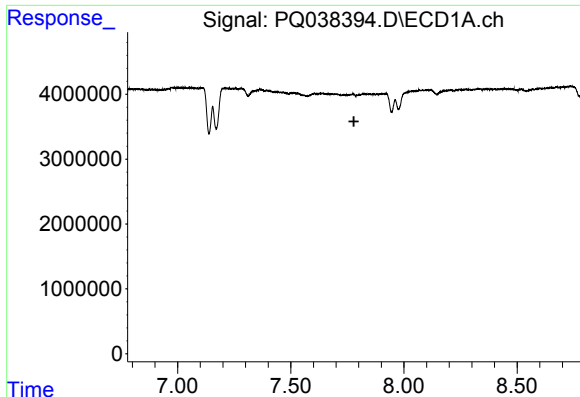
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.522 min
Response: 0
Conc: N.D.



#31 AR-1260-1

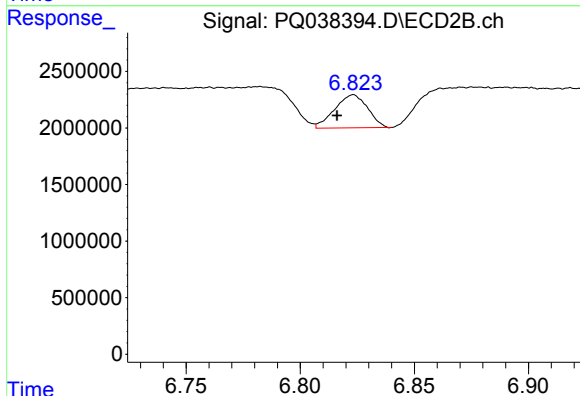
R.T.: 6.628 min
Delta R.T.: -0.003 min
Response: 15192962
Conc: 74.31 ng/ml



#32 AR-1260-2

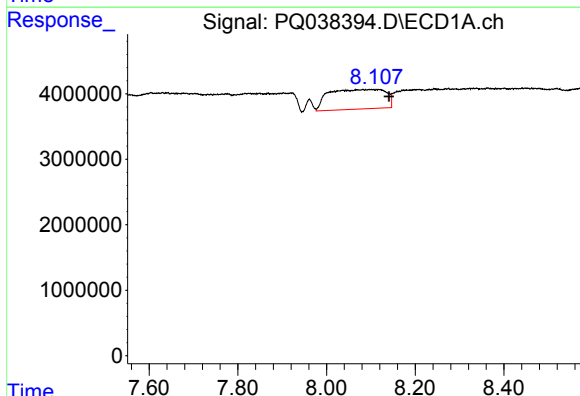
R.T.: 0.000 min
Exp R.T.: 7.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



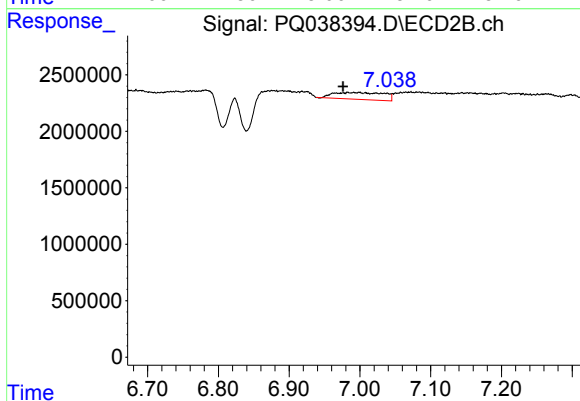
#32 AR-1260-2

R.T.: 6.823 min
Delta R.T.: 0.007 min
Response: 2920584
Conc: 11.40 ng/ml



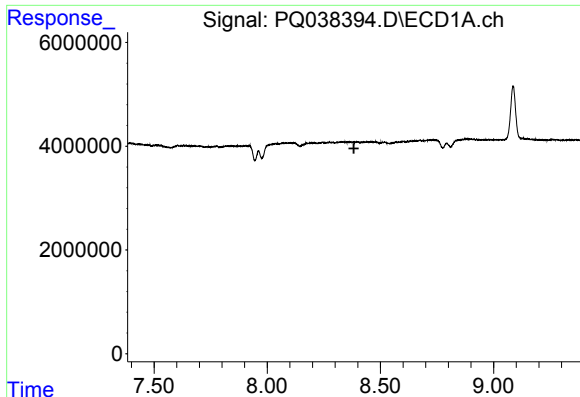
#33 AR-1260-3

R.T.: 8.083 min
Delta R.T.: -0.058 min
Response: 26772878
Conc: 69.21 ng/ml



#33 AR-1260-3

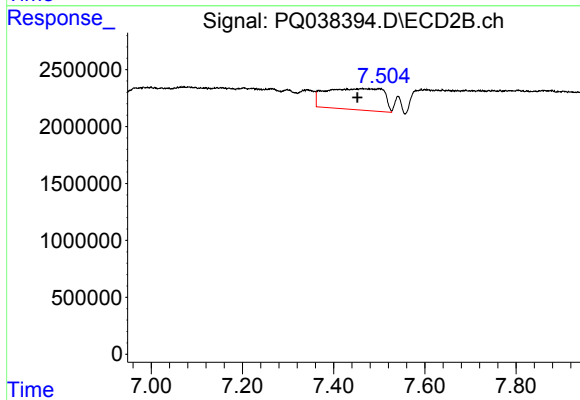
R.T.: 6.997 min
Delta R.T.: 0.021 min
Response: 3028053
Conc: 12.66 ng/ml



#34 AR-1260-4

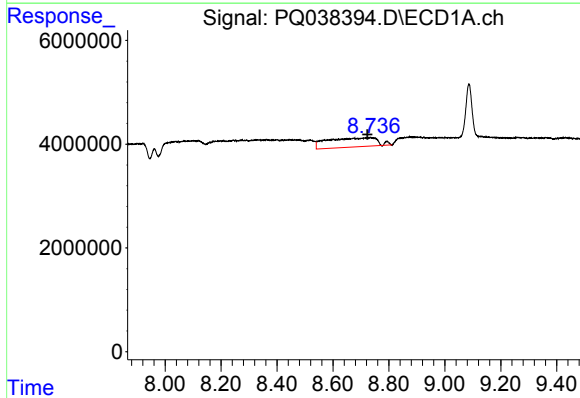
R.T.: 0.000 min
Exp R.T.: 8.383 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



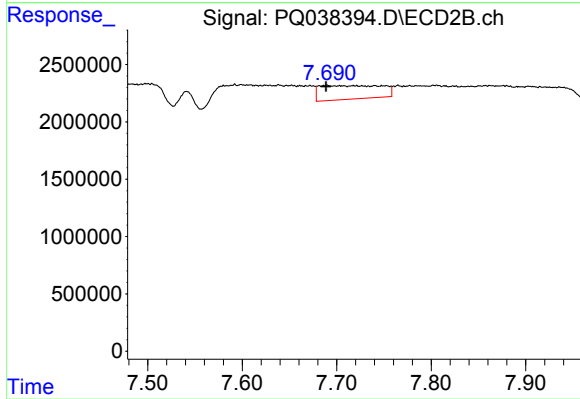
#34 AR-1260-4

R.T.: 7.462 min
Delta R.T.: 0.010 min
Response: 16420838
Conc: 82.96 ng/ml



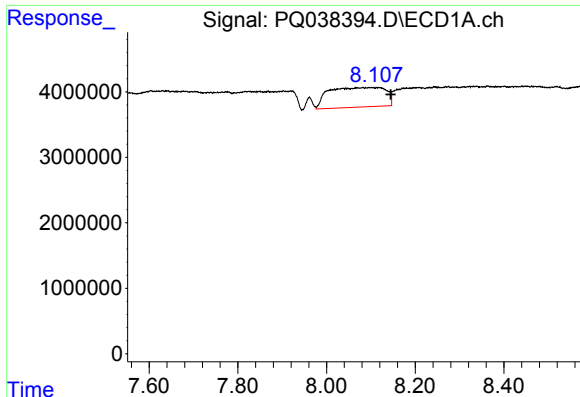
#35 AR-1260-5

R.T.: 8.733 min
Delta R.T.: 0.010 min
Response: 21811077
Conc: 23.03 ng/ml



#35 AR-1260-5

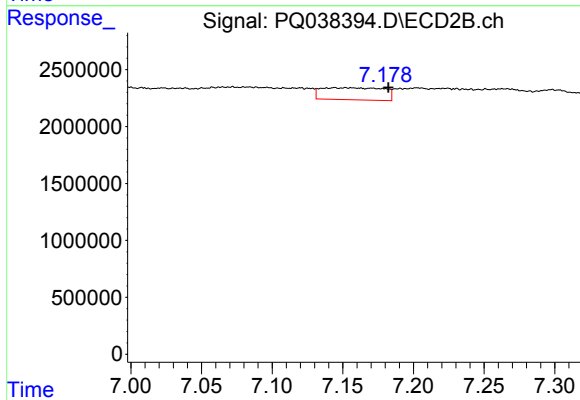
R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 5401570
Conc: 10.99 ng/ml



#36 AR-1262-1

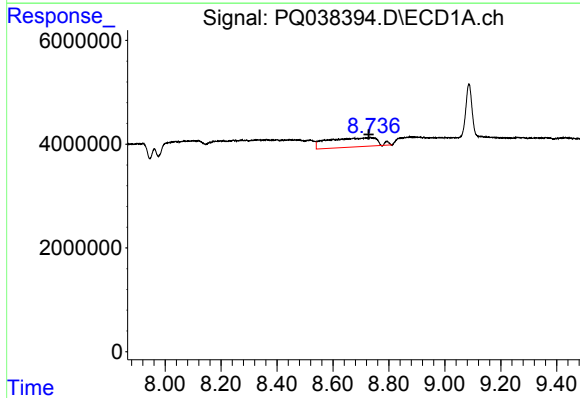
R.T.: 8.083 min
Delta R.T.: -0.062 min
Response: 26772878
Conc: 67.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



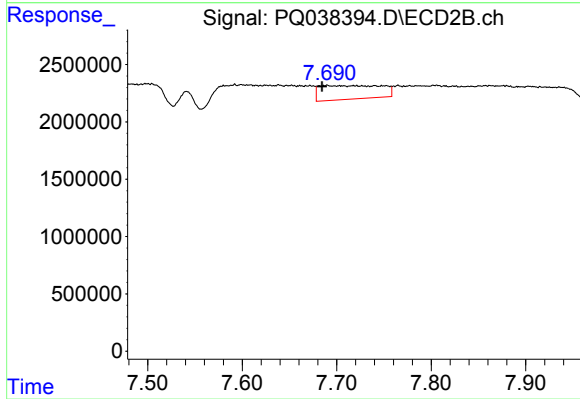
#36 AR-1262-1

R.T.: 7.146 min
Delta R.T.: -0.036 min
Response: 3236984
Conc: 15.03 ng/ml



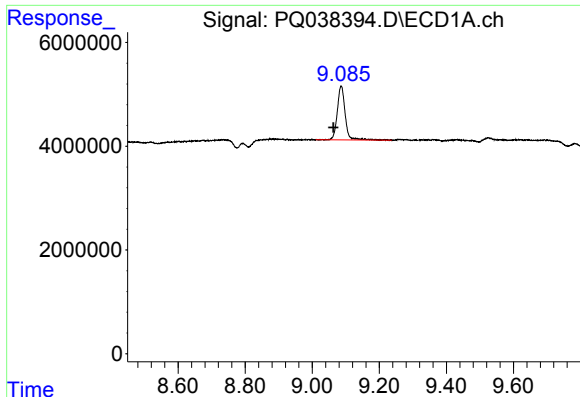
#37 AR-1262-2

R.T.: 8.733 min
Delta R.T.: 0.006 min
Response: 21811077
Conc: 30.58 ng/ml



#37 AR-1262-2

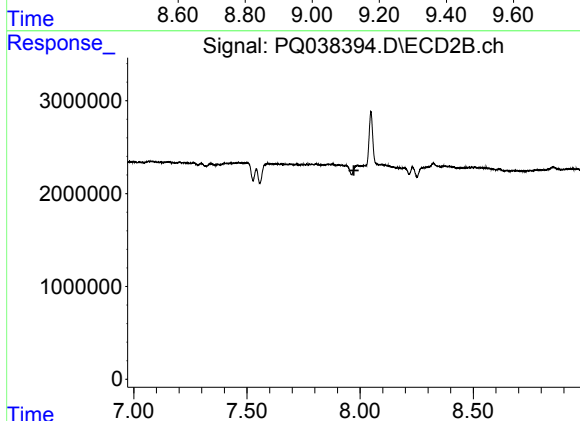
R.T.: 7.690 min
Delta R.T.: 0.005 min
Response: 5401570
Conc: 13.86 ng/ml



#38 AR-1262-3

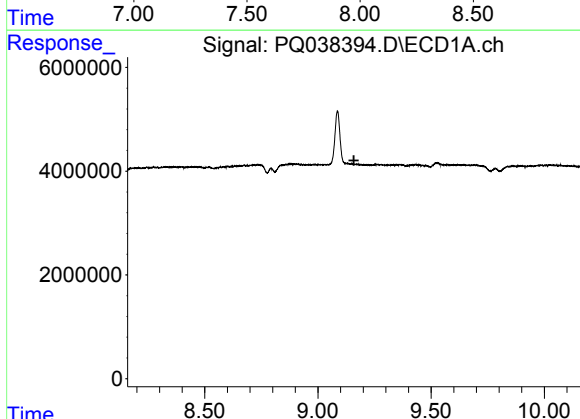
R.T.: 9.086 min
Delta R.T.: 0.023 min
Response: 16675140
Conc: 34.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



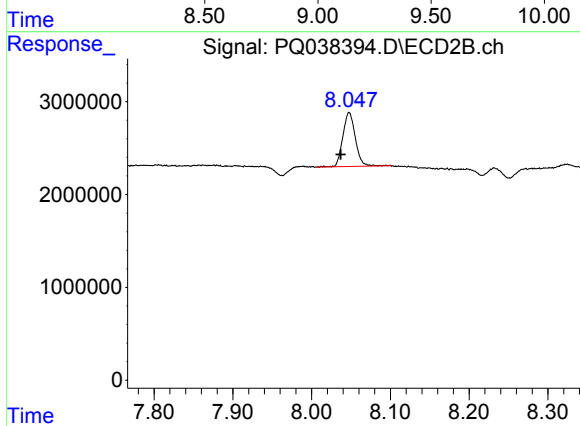
#38 AR-1262-3

R.T.: 7.989 min
Delta R.T.: 0.016 min
Response: -904207
Conc: N.D.



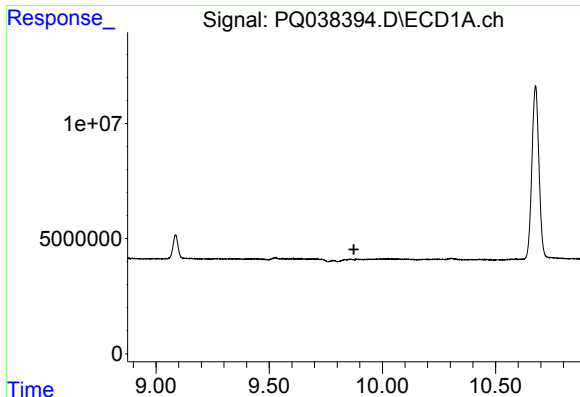
#39 AR-1262-4

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



#39 AR-1262-4

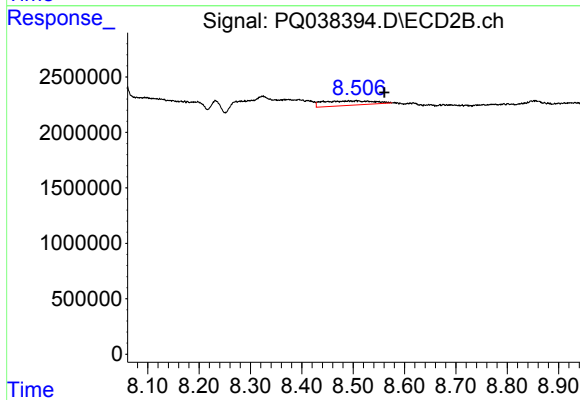
R.T.: 8.048 min
Delta R.T.: 0.011 min
Response: 6440587
Conc: 22.60 ng/ml



#40 AR-1262-5

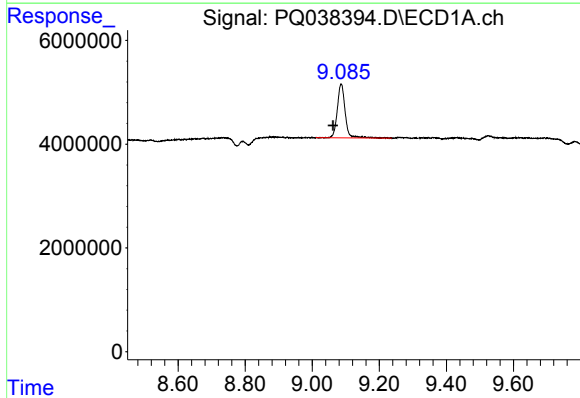
R.T.: 0.000 min
Exp R.T.: 9.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



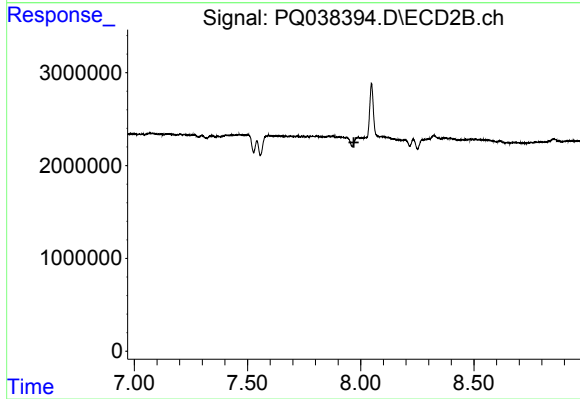
#40 AR-1262-5

R.T.: 8.506 min
Delta R.T.: -0.054 min
Response: 2812056
Conc: 23.79 ng/ml



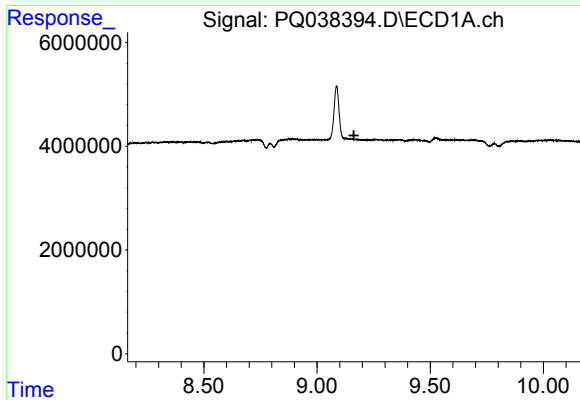
#41 AR-1268-1

R.T.: 9.086 min
Delta R.T.: 0.024 min
Response: 16675140
Conc: 10.52 ng/ml



#41 AR-1268-1

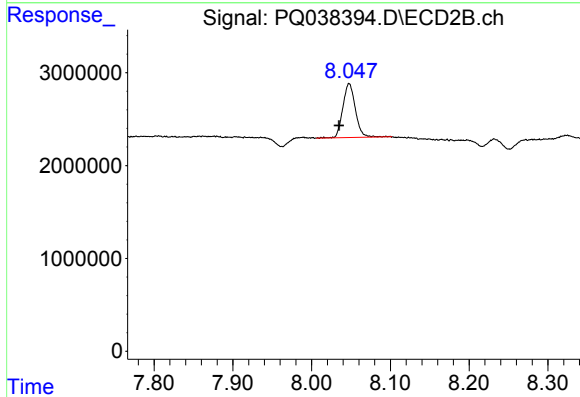
R.T.: 7.989 min
Delta R.T.: 0.019 min
Response: -904207
Conc: N.D.



#42 AR-1268-2

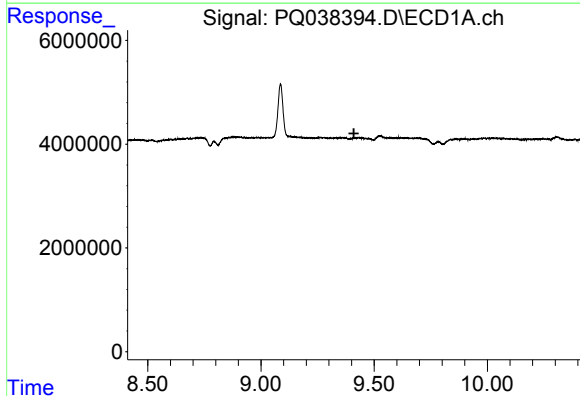
R.T.: 0.000 min
Exp R.T.: 9.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



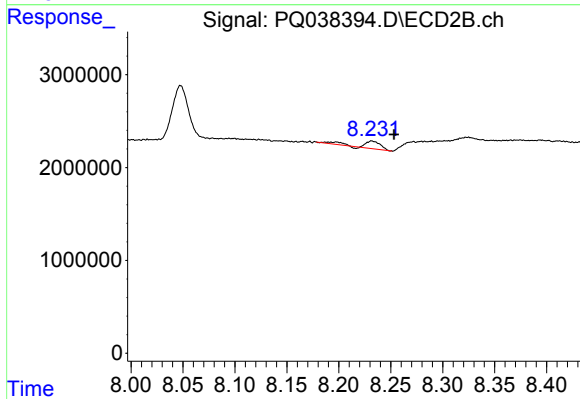
#42 AR-1268-2

R.T.: 8.048 min
Delta R.T.: 0.013 min
Response: 6440587
Conc: 8.87 ng/ml



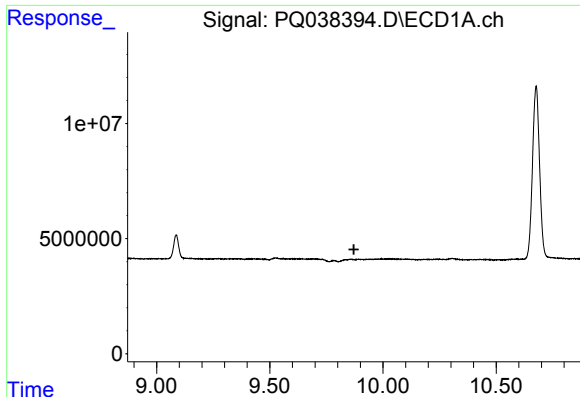
#43 AR-1268-3

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



#43 AR-1268-3

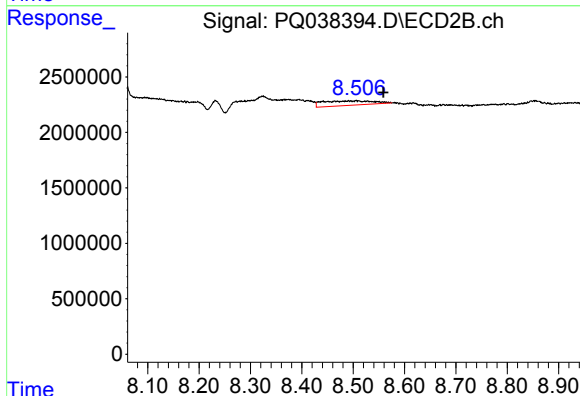
R.T.: 8.232 min
Delta R.T.: -0.021 min
Response: 1042846
Conc: 1.66 ng/ml



#44 AR-1268-4

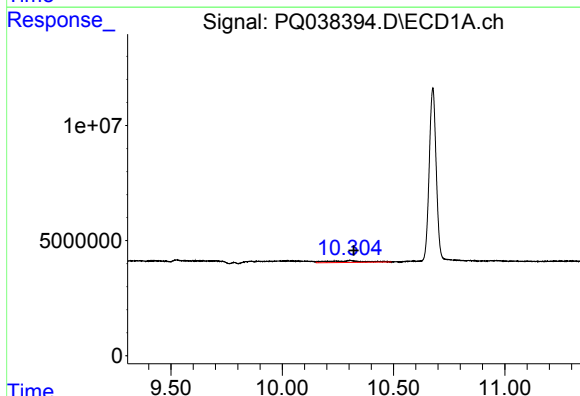
R.T.: 0.000 min
Exp R.T.: 9.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF7Z5



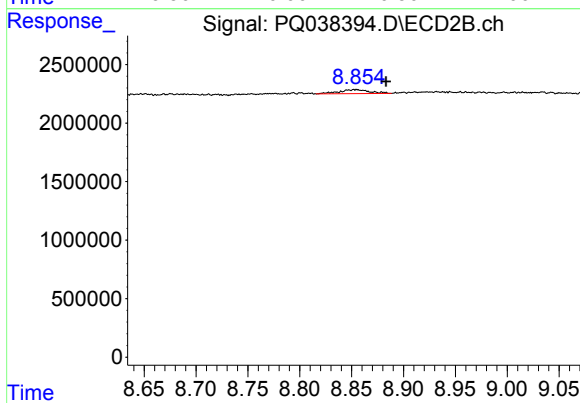
#44 AR-1268-4

R.T.: 8.506 min
Delta R.T.: -0.053 min
Response: 2812056
Conc: 11.94 ng/ml



#45 AR-1268-5

R.T.: 10.307 min
Delta R.T.: -0.015 min
Response: 8481376
Conc: 1.97 ng/ml



#45 AR-1268-5

R.T.: 8.853 min
Delta R.T.: -0.030 min
Response: 681108
Conc: 0.35 ng/ml