

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032819\
 Data File : PQ038484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2019 14:34
 Operator : SM\SJ
 Sample : K2065-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5L9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 00:43:21 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...	4.720	3.998	52558548	23830049	12.752	14.119
2)	SA Decachlor...	10.670	9.128	126.4E6	54645590	23.232	23.097
Target Compounds							
3)	L1 AR-1016-1	0.000	5.102	0	13756894	N.D.	128.763 #
4)	L1 AR-1016-2	0.000	5.102	0	13756894	N.D.	88.805 #
5)	L1 AR-1016-3	0.000	5.340	0	2365519	N.D.	29.501 #
6)	L1 AR-1016-4	0.000	5.367	0	1645658	N.D.	25.918 #
7)	L1 AR-1016-5	0.000	5.558	0	1080198	N.D.	12.333 #
8)	L2 AR-1221-1	0.000	4.253	0	924470	N.D.	39.607 #
9)	L2 AR-1221-2	0.000	4.307	0	864041	N.D.	51.902 #
10)	L2 AR-1221-3	0.000	4.442	0	5082334	N.D.	89.341 #
11)	L3 AR-1232-1	0.000	4.442	0	5082334	N.D.	124.310 #
12)	L3 AR-1232-2	0.000	5.102	0	13756894	N.D.	308.241 #
13)	L3 AR-1232-3	0.000	5.340	0	2365519	N.D.	98.314 #
14)	L3 AR-1232-4	0.000	5.413	0	2493398	N.D.	110.397 #
15)	L3 AR-1232-5	6.177	5.558	27224804	1080198	669.172	44.628 #
16)	L4 AR-1242-1	0.000	5.102	0	13756894	N.D.	195.369 #
17)	L4 AR-1242-2	0.000	5.102	0	13756894	N.D.	136.535 #
18)	L4 AR-1242-3	0.000	5.340	0	2365519	N.D.	44.187 #
19)	L4 AR-1242-4	0.000	5.413	0	2493398	N.D.	45.936 #
20)	L4 AR-1242-5	6.831	5.914	782261	1438931	5.889	19.575 #
21)	L5 AR-1248-1	0.000	5.102	0	13756894	N.D.	274.147 #
22)	L5 AR-1248-2	6.177	5.367	27224804	1645658	167.003	23.094 #
23)	L5 AR-1248-3	0.000	5.413	0	2493398	N.D.	34.038 #
24)	L5 AR-1248-4	6.831	5.558	782261	1080198	3.731	11.946 #
25)	L5 AR-1248-5	6.831	5.984	782261	766367	3.881	8.542 #
26)	L6 AR-1254-1	6.765	5.914	3812494	1438931	15.877	8.950 #
27)	L6 AR-1254-2	6.979	0.000	1957057	0	5.189	N.D. #
28)	L6 AR-1254-3	7.365	6.469	1181667	2681892	2.911	11.154 #
29)	L6 AR-1254-4	7.636	6.722	1889428	350197	6.712	2.260 #
30)	L6 AR-1254-5	8.056	7.148	3339948	448550	10.347	2.213 #
31)	L7 AR-1260-1	7.512	6.616	2034662	1083575	4.782	5.300
32)	L7 AR-1260-2	7.758	6.831	3464066	616380	6.748	2.406 #
33)	L7 AR-1260-3	8.180	0.000	922826	0	2.386	N.D. #
34)	L7 AR-1260-4	8.347	7.493	15907441	3921772	34.874	19.813 #
35)	L7 AR-1260-5	0.000	7.681	0	588921	N.D.	1.198 #
36)	L8 AR-1262-1	8.180	7.148	922826	448550	2.328	2.083
37)	L8 AR-1262-2	0.000	7.681	0	588921	N.D.	1.512 #
38)	L8 AR-1262-3	0.000	7.965	0	1263989	N.D.	8.490 #
39)	L8 AR-1262-4	0.000	7.999	0	1621847	N.D.	5.690 #
40)	L8 AR-1262-5	0.000	8.528	0	735376	N.D.	6.222 #
41)	L9 AR-1268-1	0.000	7.965	0	1263989	N.D.	1.578 #

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Acq On : 28 Mar 2019 14:34
Operator : SM\SJ
Sample : K2065-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF5L9

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 00:43:21 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
42)	L9 AR-1268-2	0.000	7.999	0	1621847	N.D.	2.234 #
43)	L9 AR-1268-3	9.408	8.246	4602877	491078	3.570	0.781 #
44)	L9 AR-1268-4	0.000	8.528	0	735376	N.D.	3.123 #
45)	L9 AR-1268-5	10.300	8.843	2038439	1149014	0.473	0.597 #

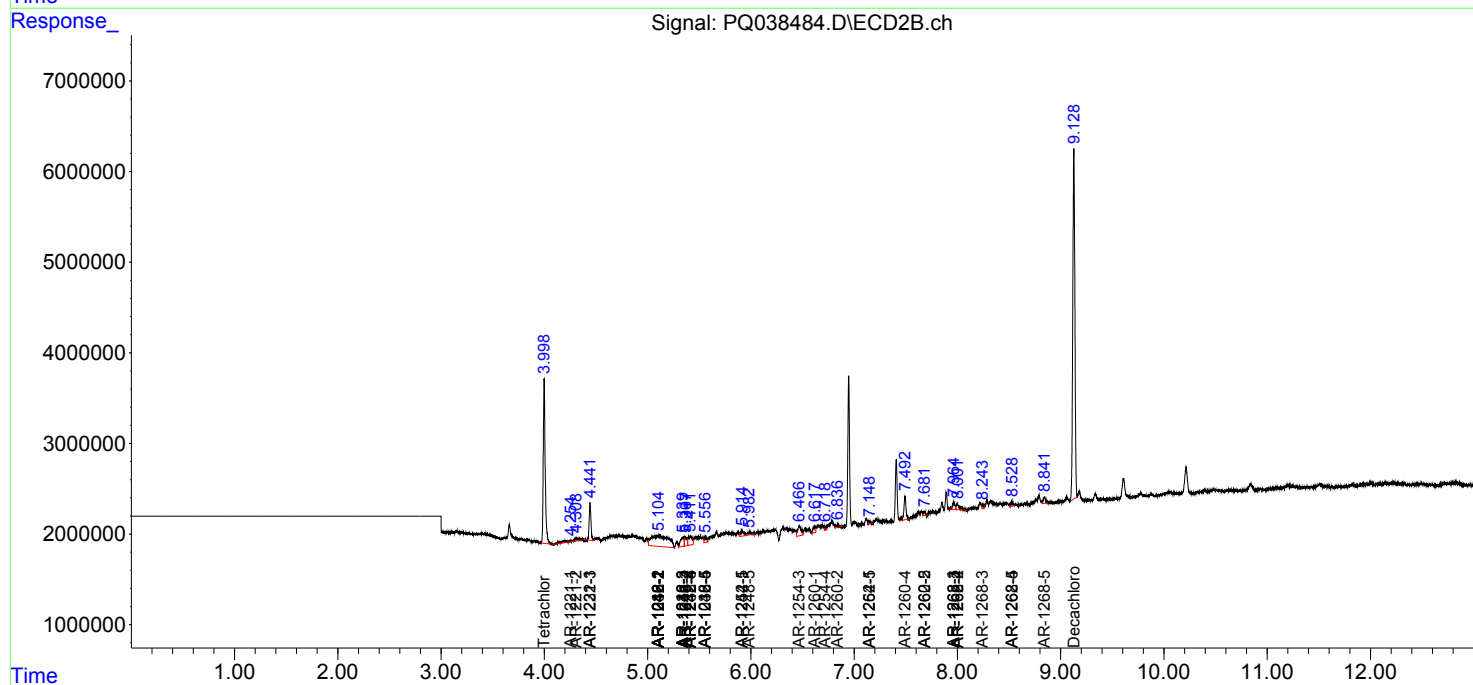
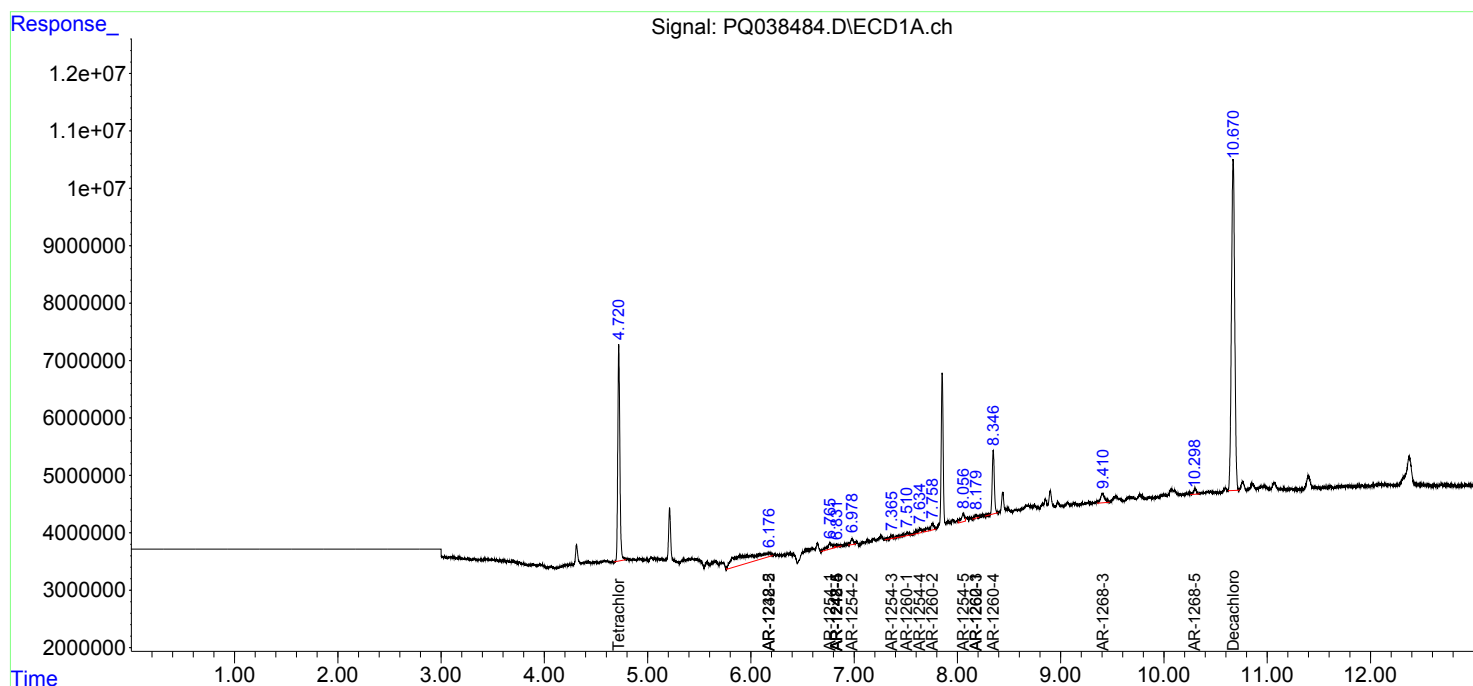
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

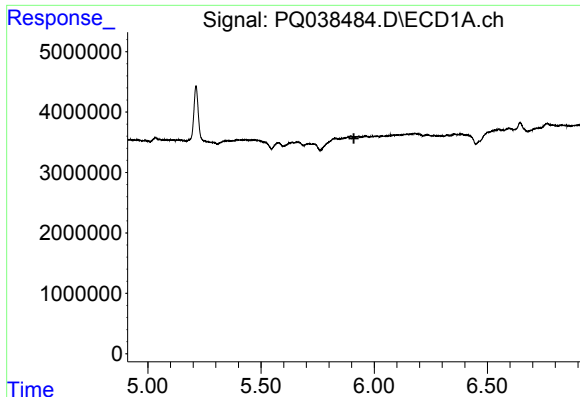
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032819\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2019 14:34
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Integration File signal 1: autoint1.e
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Quant Time: Mar 29 00:43:21 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
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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

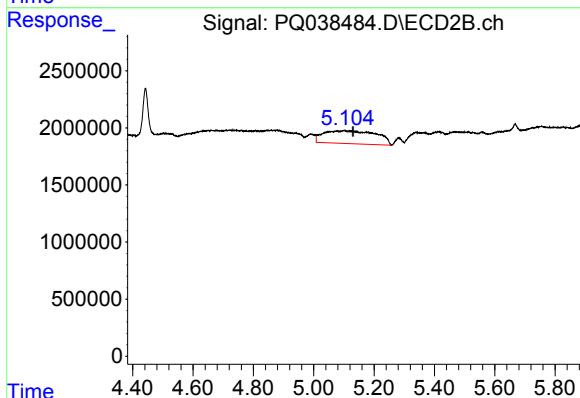




#3 AR-1016-1

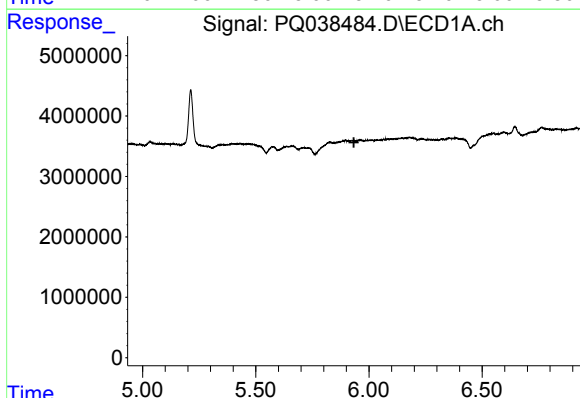
R.T.: 0.000 min
Exp R.T. : 5.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



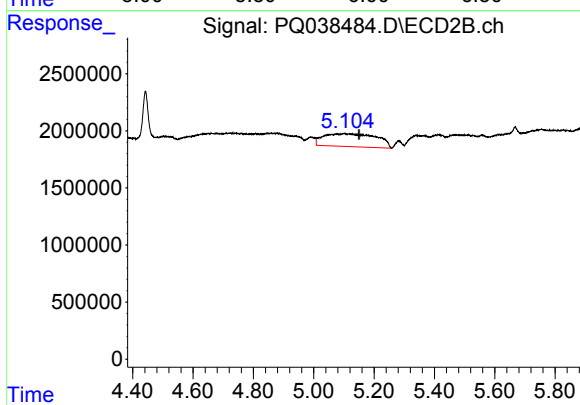
#3 AR-1016-1

R.T.: 5.102 min
Delta R.T.: -0.029 min
Response: 13756894
Conc: 128.76 ng/ml



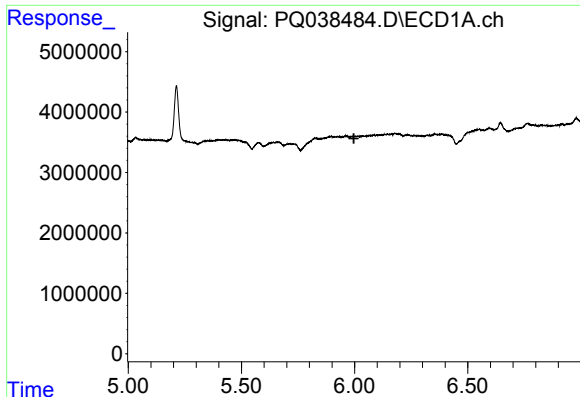
#4 AR-1016-2

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



#4 AR-1016-2

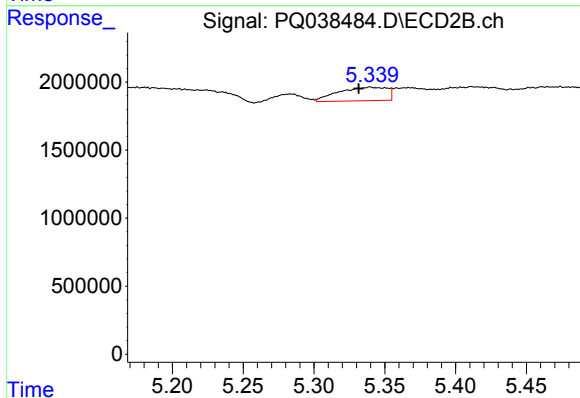
R.T.: 5.102 min
Delta R.T.: -0.049 min
Response: 13756894
Conc: 88.81 ng/ml



#5 AR-1016-3

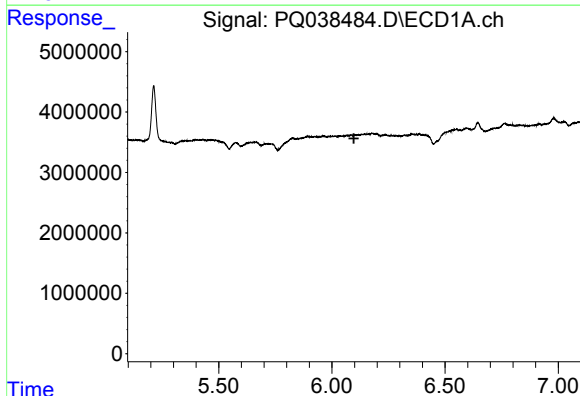
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



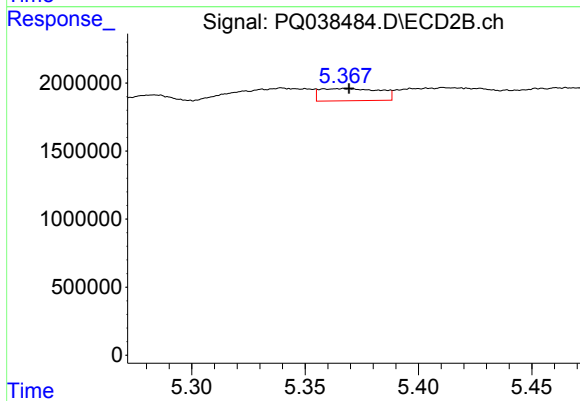
#5 AR-1016-3

R.T.: 5.340 min
Delta R.T.: 0.009 min
Response: 2365519
Conc: 29.50 ng/ml



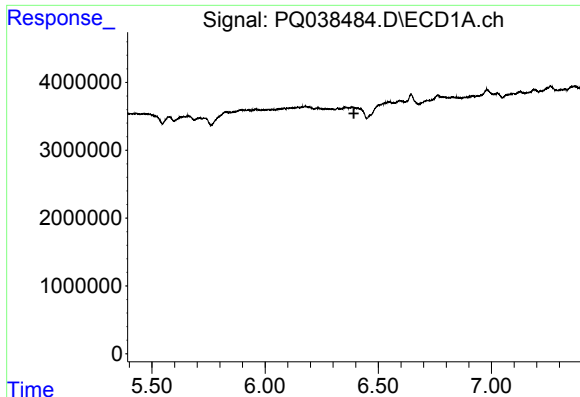
#6 AR-1016-4

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



#6 AR-1016-4

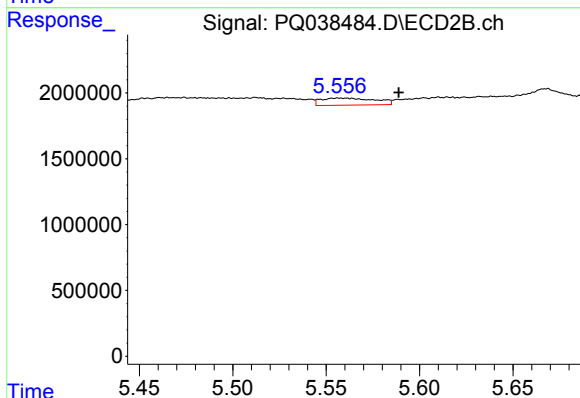
R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1645658
Conc: 25.92 ng/ml



#7 AR-1016-5

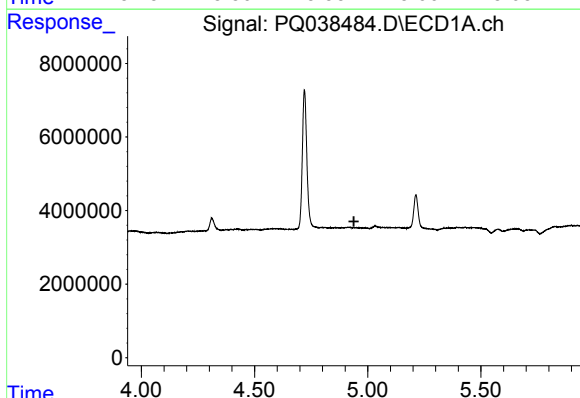
R.T.: 0.000 min
Exp R.T.: 6.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



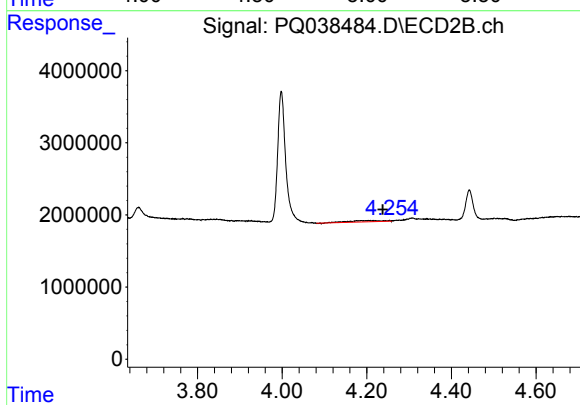
#7 AR-1016-5

R.T.: 5.558 min
Delta R.T.: -0.031 min
Response: 1080198
Conc: 12.33 ng/ml



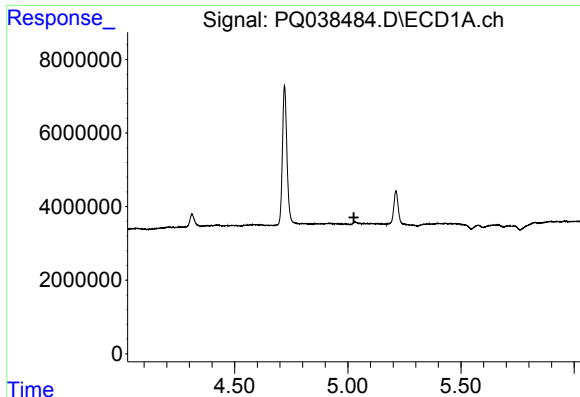
#8 AR-1221-1

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



#8 AR-1221-1

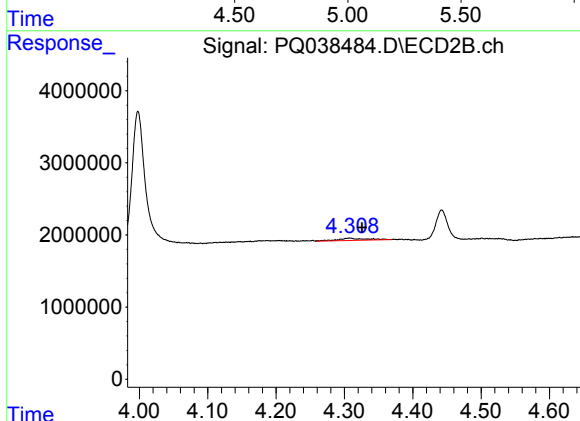
R.T.: 4.253 min
Delta R.T.: 0.016 min
Response: 924470
Conc: 39.61 ng/ml



#9 AR-1221-2

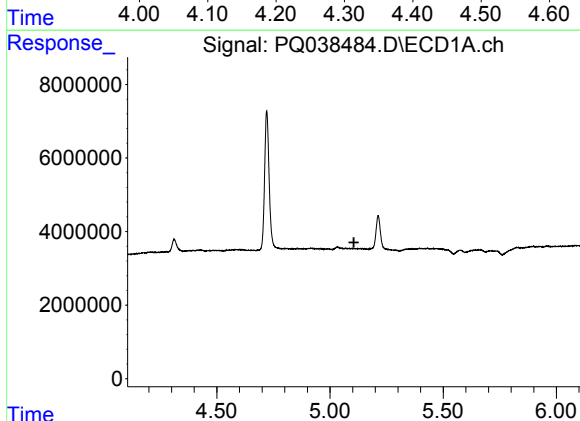
R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



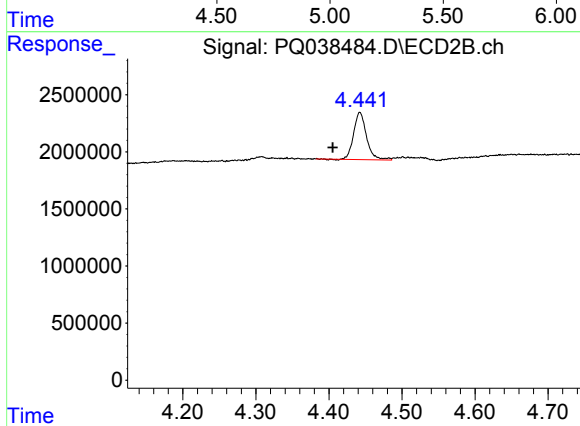
#9 AR-1221-2

R.T.: 4.307 min
Delta R.T.: -0.019 min
Response: 864041
Conc: 51.90 ng/ml



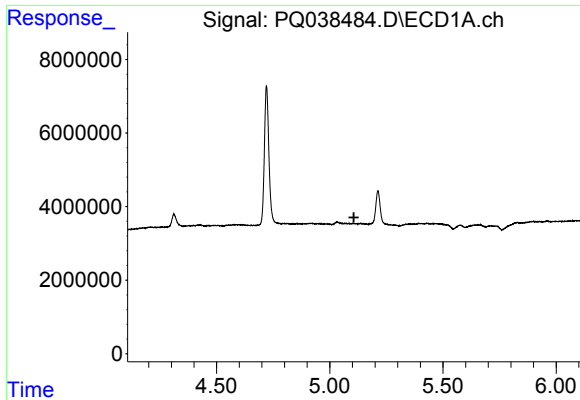
#10 AR-1221-3

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



#10 AR-1221-3

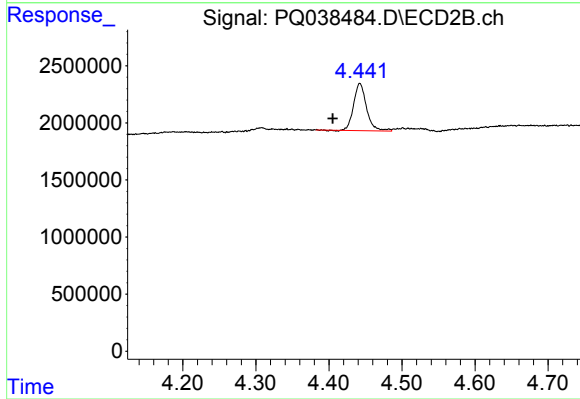
R.T.: 4.442 min
Delta R.T.: 0.037 min
Response: 5082334
Conc: 89.34 ng/ml



#11 AR-1232-1

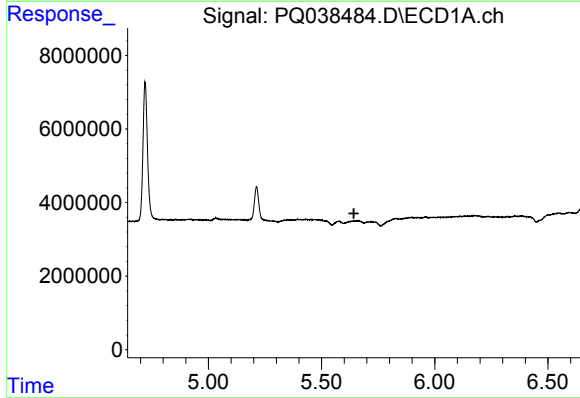
R.T.: 0.000 min
Exp R.T. : 5.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



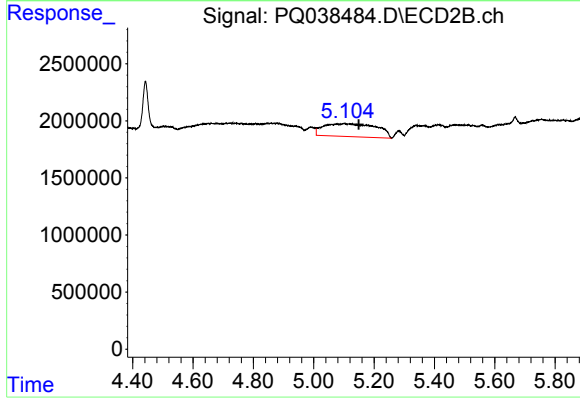
#11 AR-1232-1

R.T.: 4.442 min
Delta R.T.: 0.037 min
Response: 5082334
Conc: 124.31 ng/ml



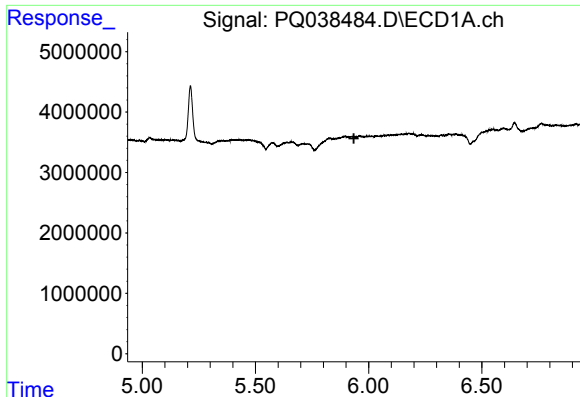
#12 AR-1232-2

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



#12 AR-1232-2

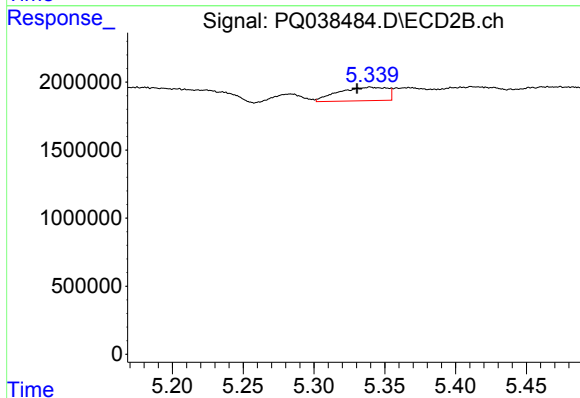
R.T.: 5.102 min
Delta R.T.: -0.048 min
Response: 13756894
Conc: 308.24 ng/ml



#13 AR-1232-3

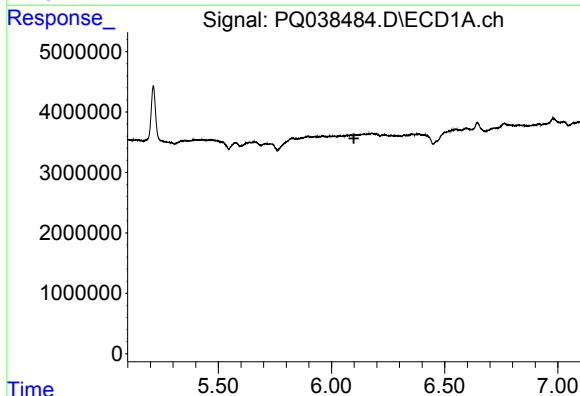
R.T.: 0.000 min
Exp R.T.: 5.935 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



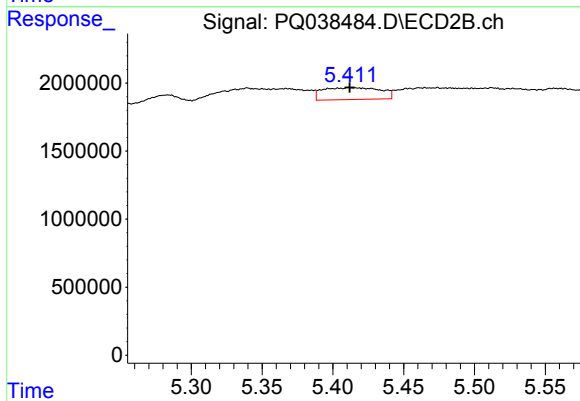
#13 AR-1232-3

R.T.: 5.340 min
Delta R.T.: 0.010 min
Response: 2365519
Conc: 98.31 ng/ml



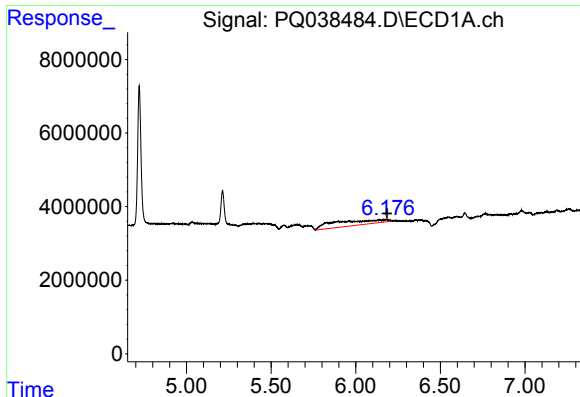
#14 AR-1232-4

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



#14 AR-1232-4

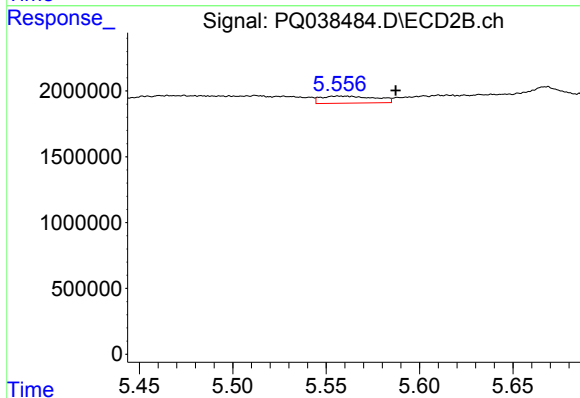
R.T.: 5.413 min
Delta R.T.: 0.001 min
Response: 2493398
Conc: 110.40 ng/ml



#15 AR-1232-5

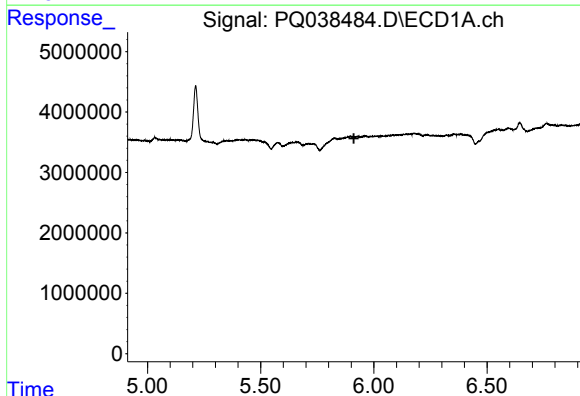
R.T.: 6.177 min
Delta R.T.: -0.008 min
Response: 27224804
Conc: 669.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5L9



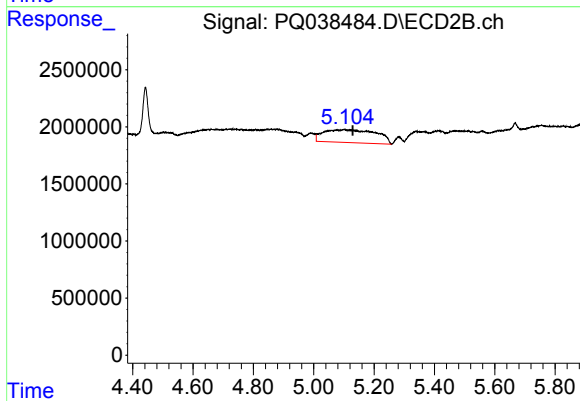
#15 AR-1232-5

R.T.: 5.558 min
Delta R.T.: -0.029 min
Response: 1080198
Conc: 44.63 ng/ml



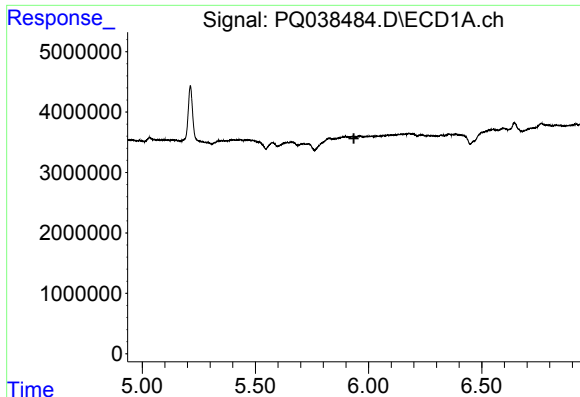
#16 AR-1242-1

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



#16 AR-1242-1

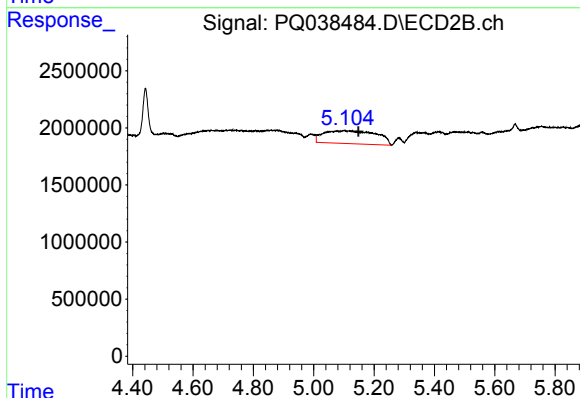
R.T.: 5.102 min
Delta R.T.: -0.028 min
Response: 13756894
Conc: 195.37 ng/ml



#17 AR-1242-2

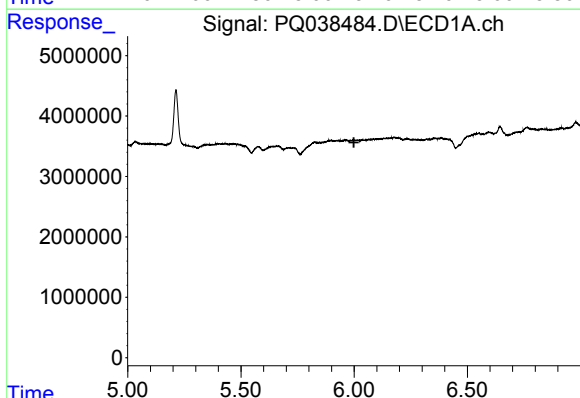
R.T.: 0.000 min
Exp R.T.: 5.935 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
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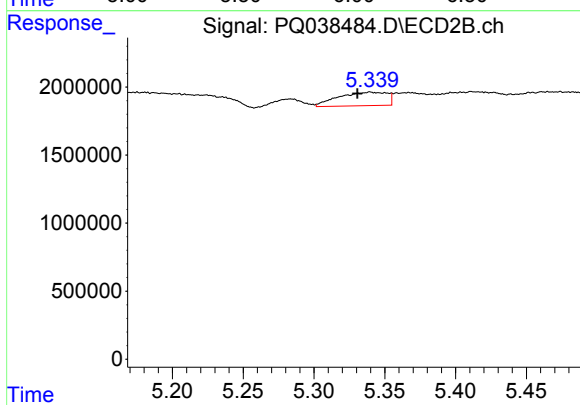
#17 AR-1242-2

R.T.: 5.102 min
Delta R.T.: -0.047 min
Response: 13756894
Conc: 136.54 ng/ml



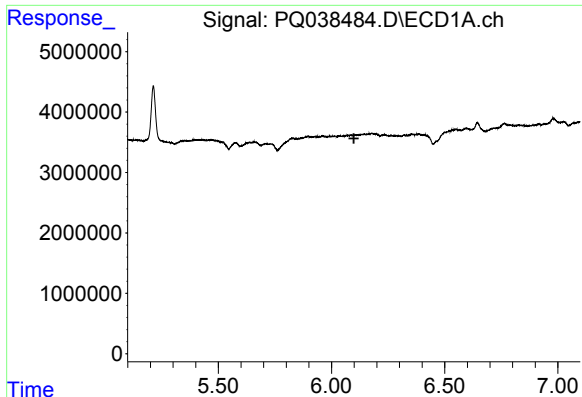
#18 AR-1242-3

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



#18 AR-1242-3

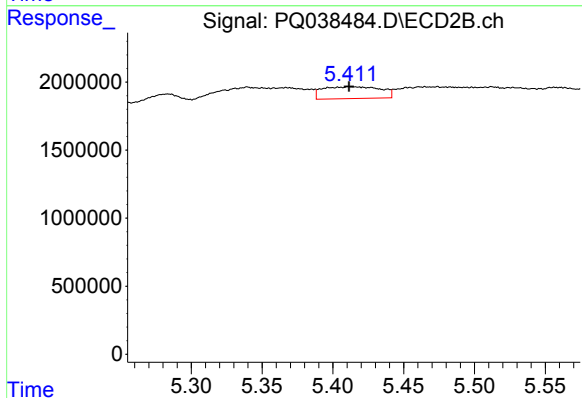
R.T.: 5.340 min
Delta R.T.: 0.010 min
Response: 2365519
Conc: 44.19 ng/ml



#19 AR-1242-4

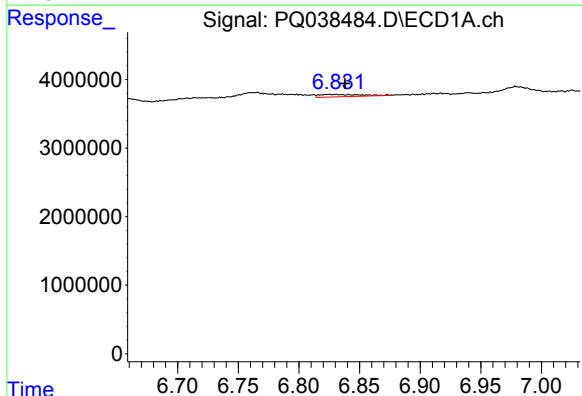
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



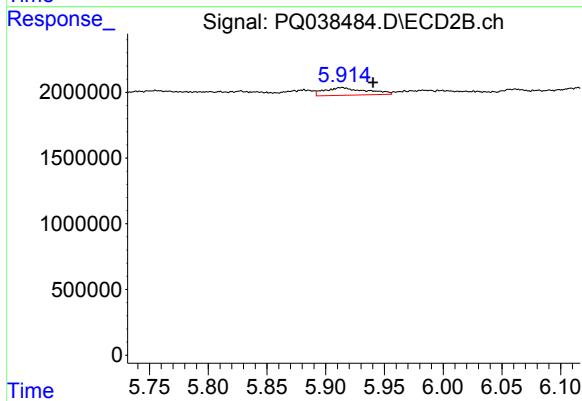
#19 AR-1242-4

R.T.: 5.413 min
Delta R.T.: 0.002 min
Response: 2493398
Conc: 45.94 ng/ml



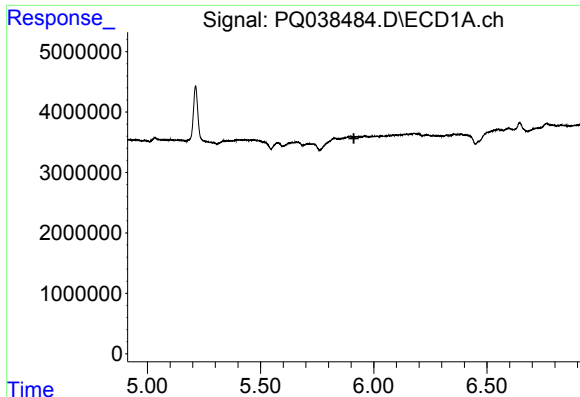
#20 AR-1242-5

R.T.: 6.831 min
Delta R.T.: -0.007 min
Response: 782261
Conc: 5.89 ng/ml



#20 AR-1242-5

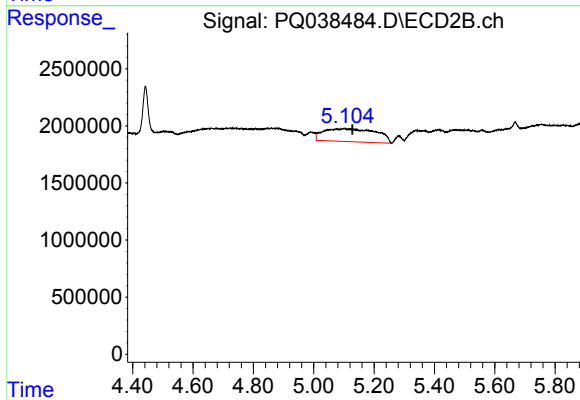
R.T.: 5.914 min
Delta R.T.: -0.027 min
Response: 1438931
Conc: 19.57 ng/ml



#21 AR-1248-1

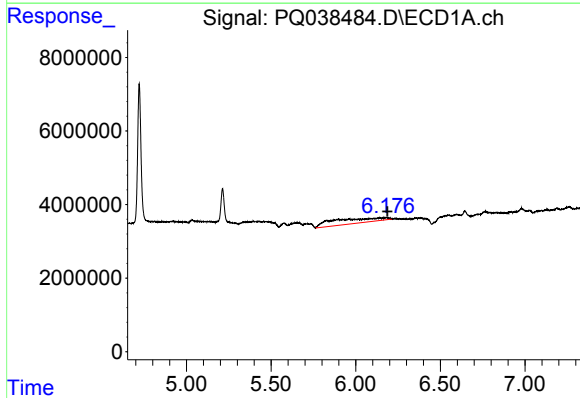
R.T.: 0.000 min
Exp R.T.: 5.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



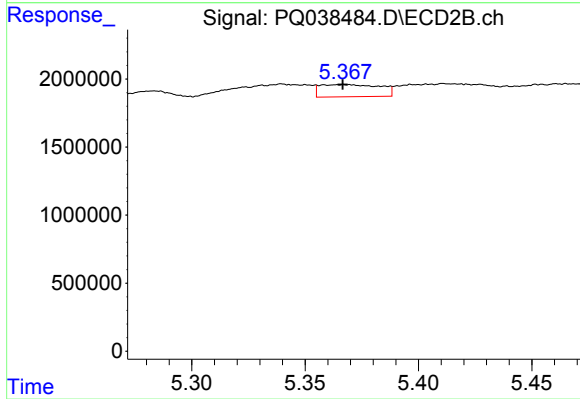
#21 AR-1248-1

R.T.: 5.102 min
Delta R.T.: -0.027 min
Response: 13756894
Conc: 274.15 ng/ml



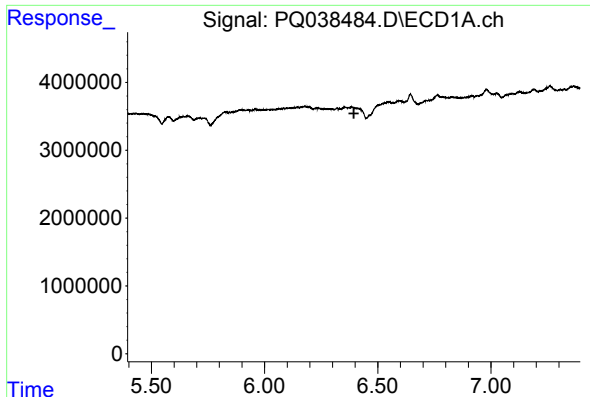
#22 AR-1248-2

R.T.: 6.177 min
Delta R.T.: -0.009 min
Response: 27224804
Conc: 167.00 ng/ml



#22 AR-1248-2

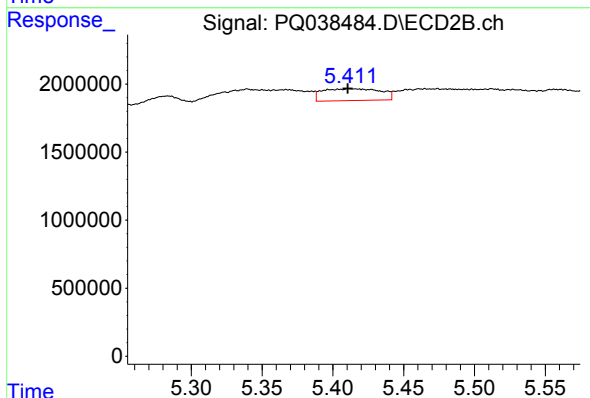
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 1645658
Conc: 23.09 ng/ml



#23 AR-1248-3

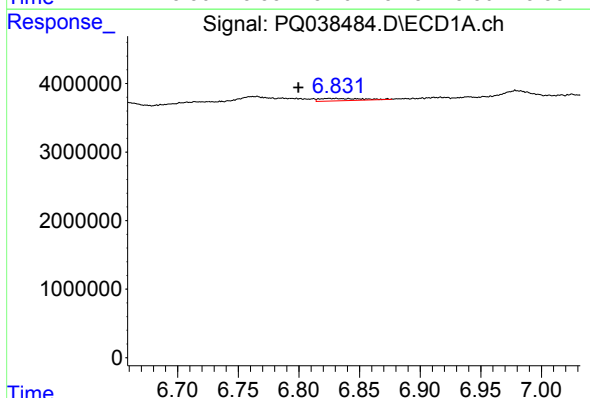
R.T.: 0.000 min
Exp R.T.: 6.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



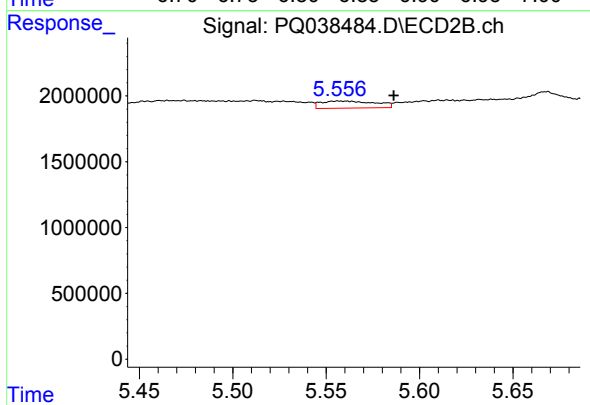
#23 AR-1248-3

R.T.: 5.413 min
Delta R.T.: 0.003 min
Response: 2493398
Conc: 34.04 ng/ml



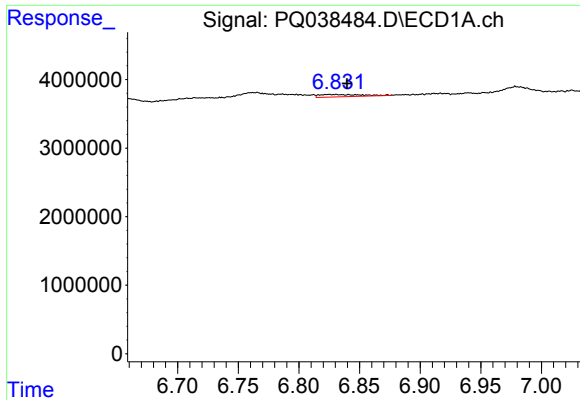
#24 AR-1248-4

R.T.: 6.831 min
Delta R.T.: 0.031 min
Response: 782261
Conc: 3.73 ng/ml



#24 AR-1248-4

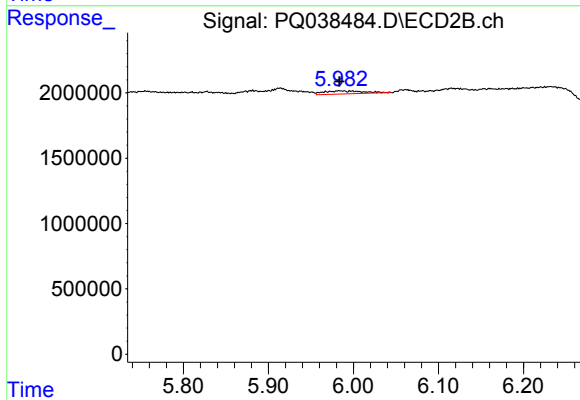
R.T.: 5.558 min
Delta R.T.: -0.028 min
Response: 1080198
Conc: 11.95 ng/ml



#25 AR-1248-5

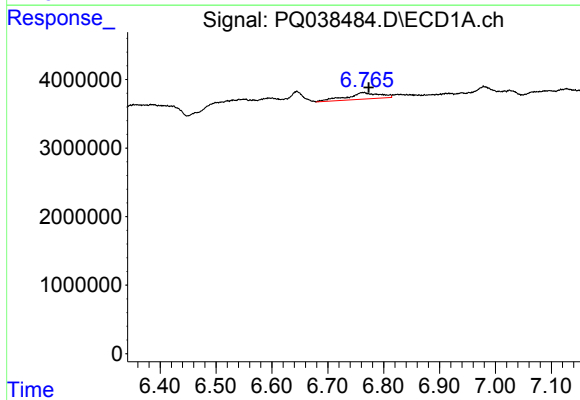
R.T.: 6.831 min
Delta R.T.: -0.009 min
Response: 782261
Conc: 3.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5L9



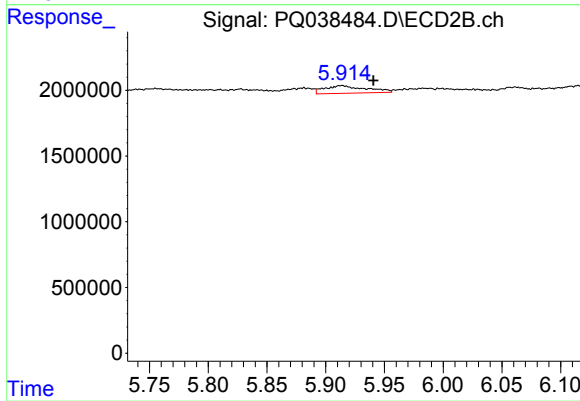
#25 AR-1248-5

R.T.: 5.984 min
Delta R.T.: 0.001 min
Response: 766367
Conc: 8.54 ng/ml



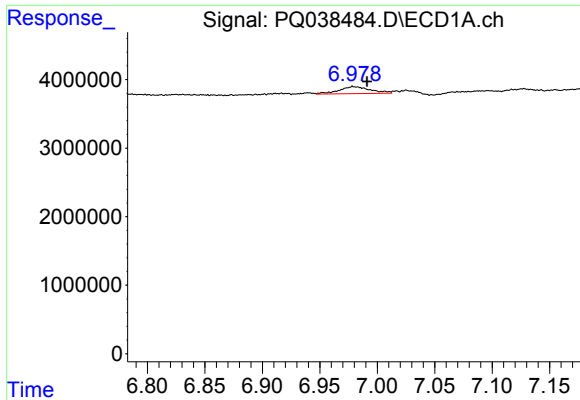
#26 AR-1254-1

R.T.: 6.765 min
Delta R.T.: -0.008 min
Response: 3812494
Conc: 15.88 ng/ml



#26 AR-1254-1

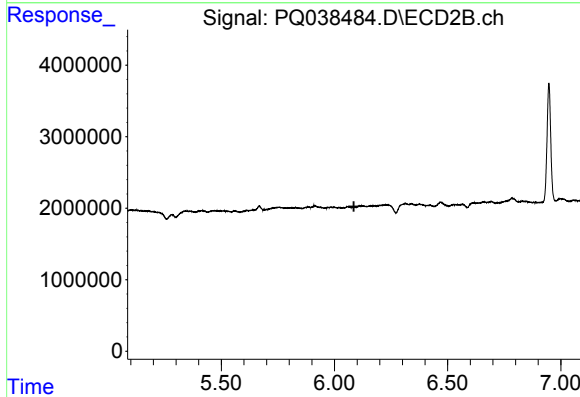
R.T.: 5.914 min
Delta R.T.: -0.027 min
Response: 1438931
Conc: 8.95 ng/ml



#27 AR-1254-2

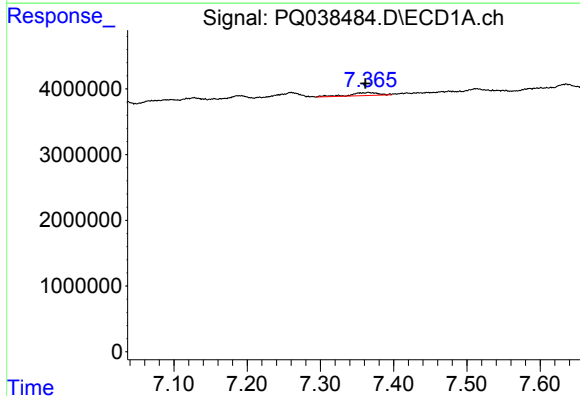
R.T.: 6.979 min
Delta R.T.: -0.012 min
Response: 1957057
Conc: 5.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5L9



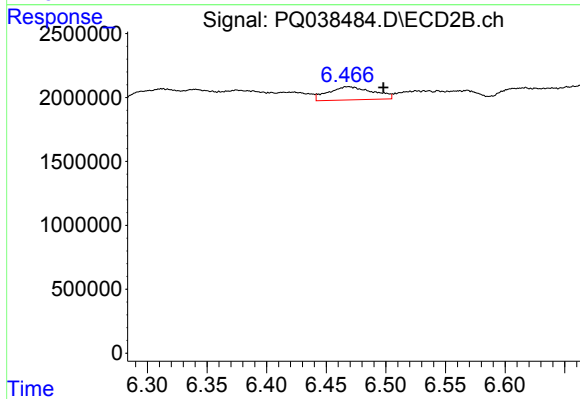
#27 AR-1254-2

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



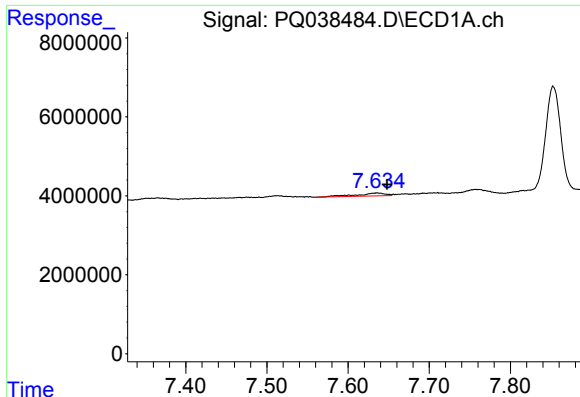
#28 AR-1254-3

R.T.: 7.365 min
Delta R.T.: 0.004 min
Response: 1181667
Conc: 2.91 ng/ml



#28 AR-1254-3

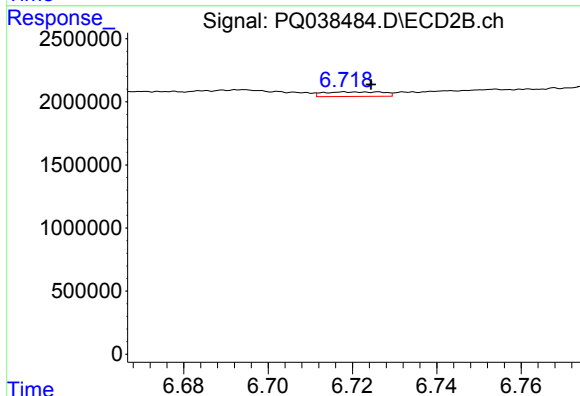
R.T.: 6.469 min
Delta R.T.: -0.029 min
Response: 2681892
Conc: 11.15 ng/ml



#29 AR-1254-4

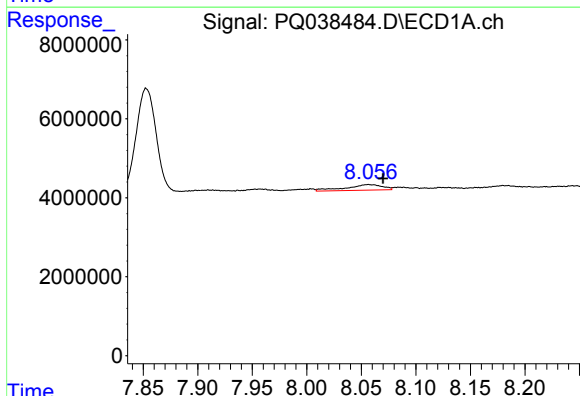
R.T.: 7.636 min
Delta R.T.: -0.012 min
Response: 1889428
Conc: 6.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5L9



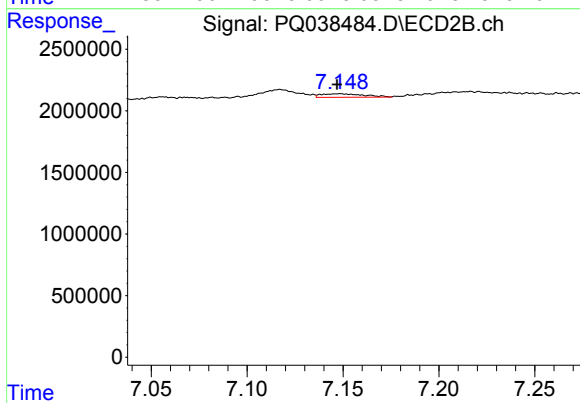
#29 AR-1254-4

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 350197
Conc: 2.26 ng/ml



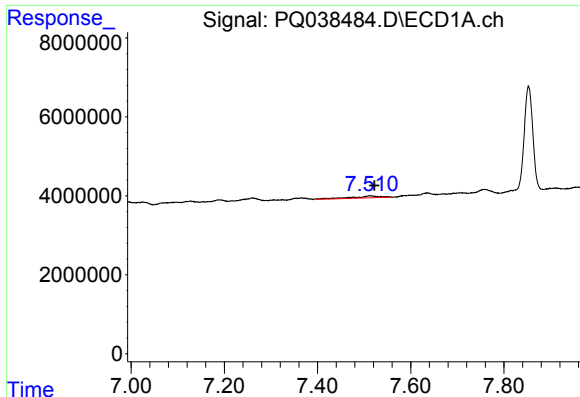
#30 AR-1254-5

R.T.: 8.056 min
Delta R.T.: -0.014 min
Response: 3339948
Conc: 10.35 ng/ml



#30 AR-1254-5

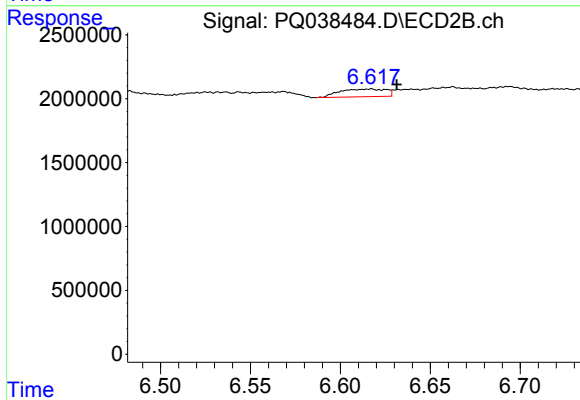
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 448550
Conc: 2.21 ng/ml



#31 AR-1260-1

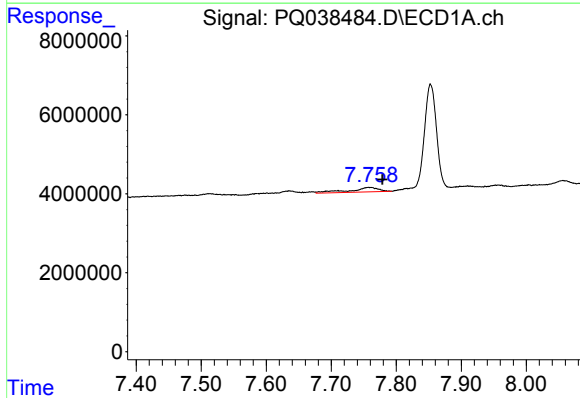
R.T.: 7.512 min
Delta R.T.: -0.010 min
Response: 2034662
Conc: 4.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5L9



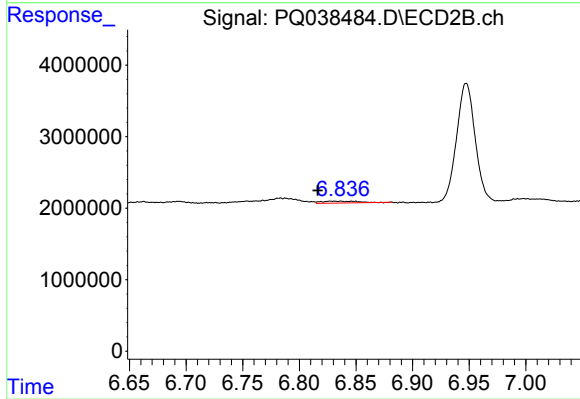
#31 AR-1260-1

R.T.: 6.616 min
Delta R.T.: -0.015 min
Response: 1083575
Conc: 5.30 ng/ml



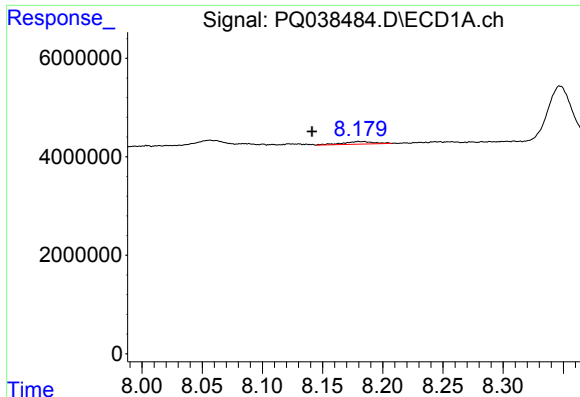
#32 AR-1260-2

R.T.: 7.758 min
Delta R.T.: -0.021 min
Response: 3464066
Conc: 6.75 ng/ml



#32 AR-1260-2

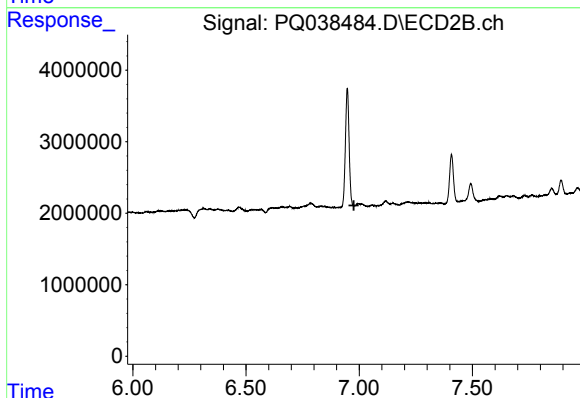
R.T.: 6.831 min
Delta R.T.: 0.015 min
Response: 616380
Conc: 2.41 ng/ml



#33 AR-1260-3

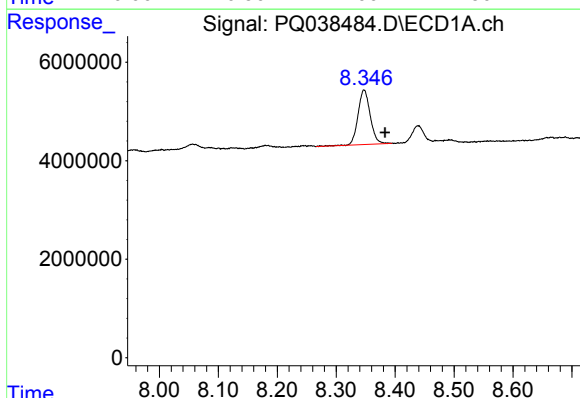
R.T.: 8.180 min
Delta R.T.: 0.039 min
Response: 922826
Conc: 2.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5L9



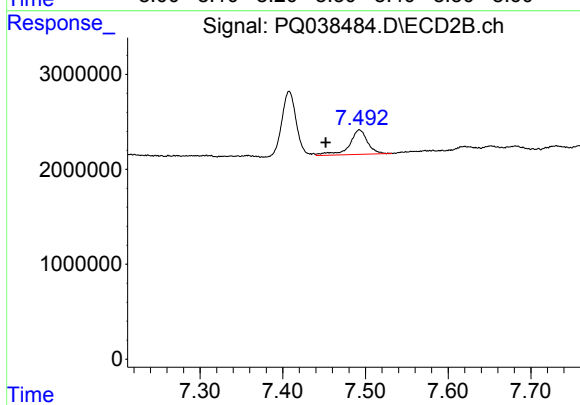
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.976 min
Response: 0
Conc: N.D.



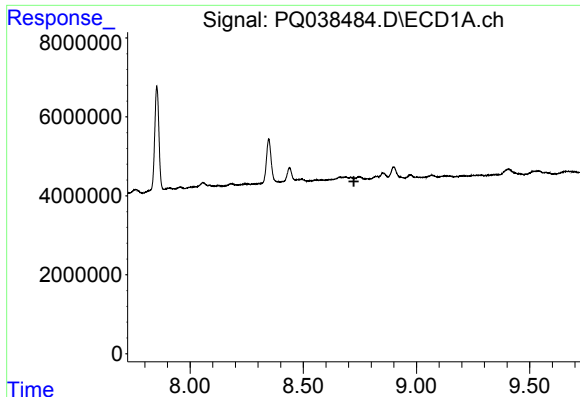
#34 AR-1260-4

R.T.: 8.347 min
Delta R.T.: -0.035 min
Response: 15907441
Conc: 34.87 ng/ml



#34 AR-1260-4

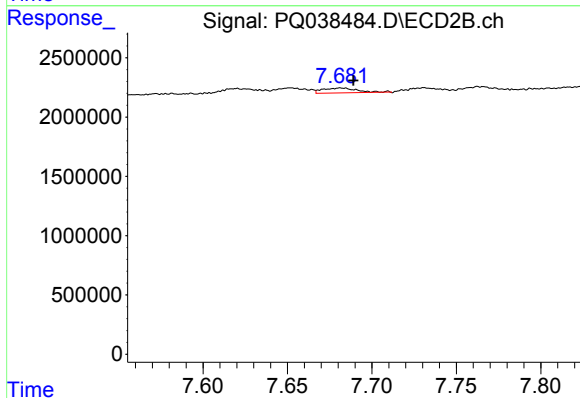
R.T.: 7.493 min
Delta R.T.: 0.041 min
Response: 3921772
Conc: 19.81 ng/ml



#35 AR-1260-5

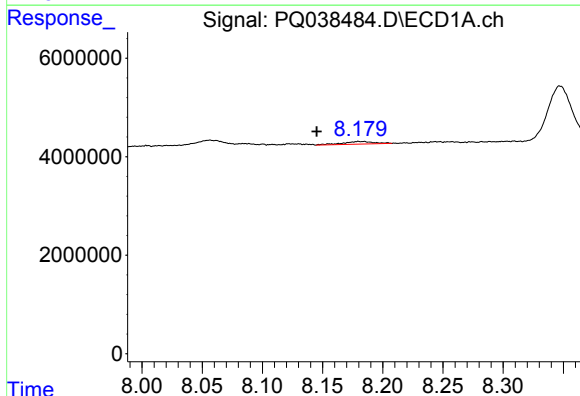
R.T.: 0.000 min
Exp R.T.: 8.723 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



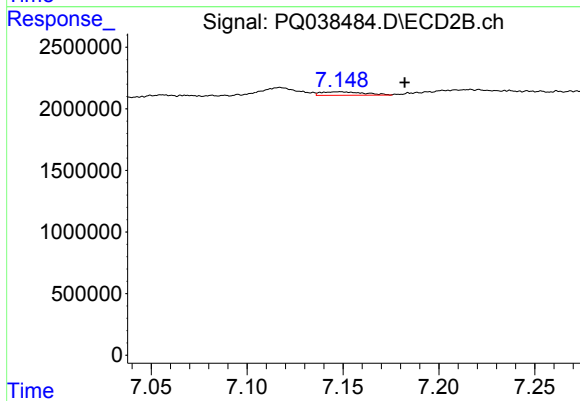
#35 AR-1260-5

R.T.: 7.681 min
Delta R.T.: -0.007 min
Response: 588921
Conc: 1.20 ng/ml



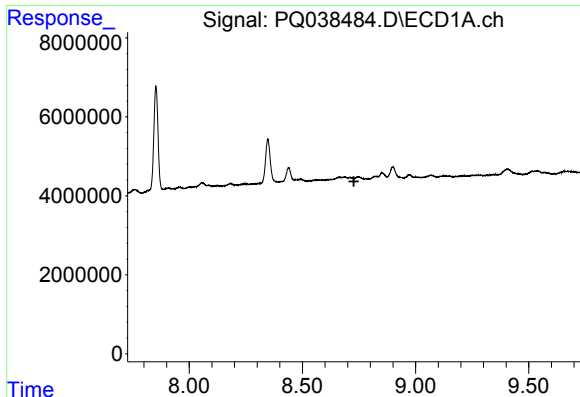
#36 AR-1262-1

R.T.: 8.180 min
Delta R.T.: 0.035 min
Response: 922826
Conc: 2.33 ng/ml



#36 AR-1262-1

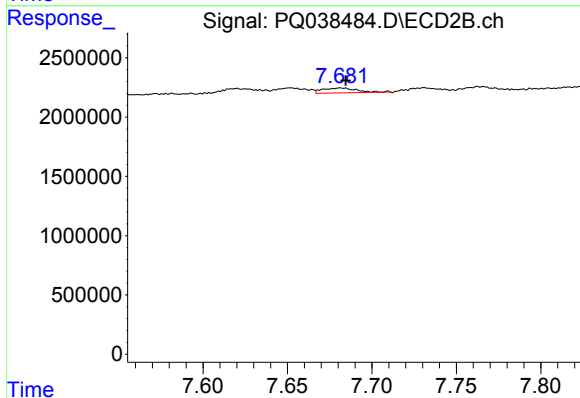
R.T.: 7.148 min
Delta R.T.: -0.034 min
Response: 448550
Conc: 2.08 ng/ml



#37 AR-1262-2

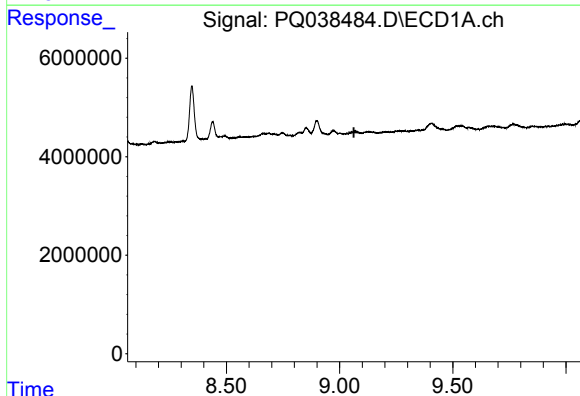
R.T.: 0.000 min
Exp R.T.: 8.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5L9



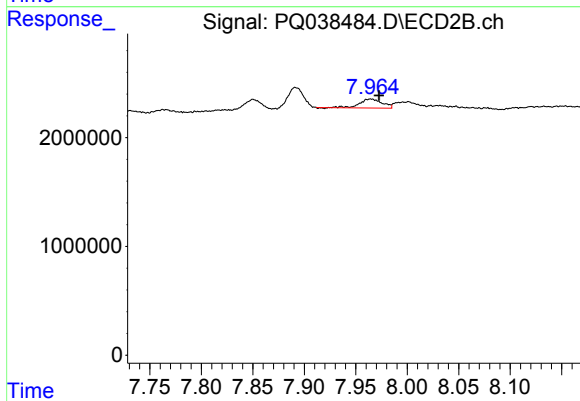
#37 AR-1262-2

R.T.: 7.681 min
Delta R.T.: -0.003 min
Response: 588921
Conc: 1.51 ng/ml



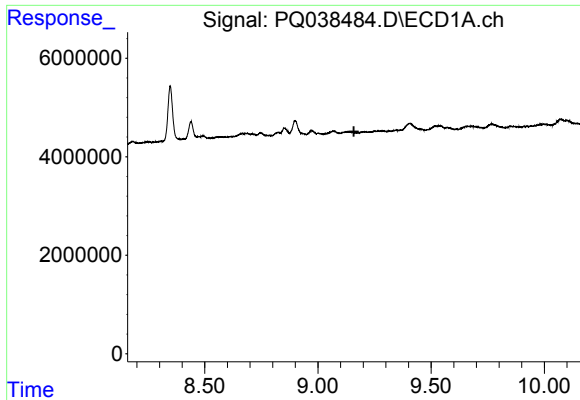
#38 AR-1262-3

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



#38 AR-1262-3

R.T.: 7.965 min
Delta R.T.: -0.008 min
Response: 1263989
Conc: 8.49 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 :
BF5L9

#39 AR-1262-4

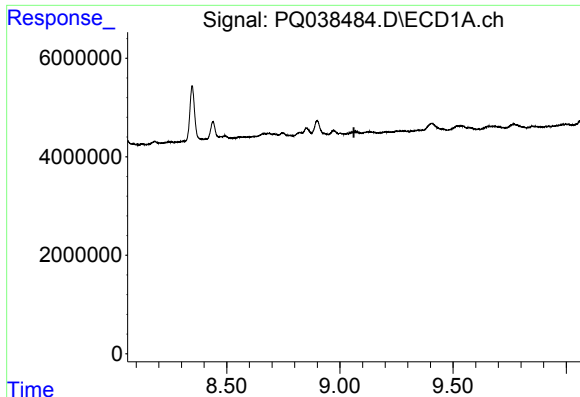
R.T.: 7.999 min
Delta R.T.: -0.038 min
Response: 1621847
Conc: 5.69 ng/ml

#40 AR-1262-5

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

#40 AR-1262-5

R.T.: 8.528 min
Delta R.T.: -0.032 min
Response: 735376
Conc: 6.22 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 :
BF5L9

#41 AR-1268-1

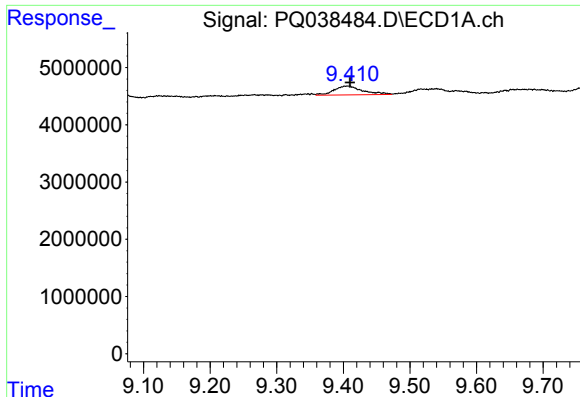
R.T.: 7.965 min
Delta R.T.: -0.005 min
Response: 1263989
Conc: 1.58 ng/ml

#42 AR-1268-2

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

#42 AR-1268-2

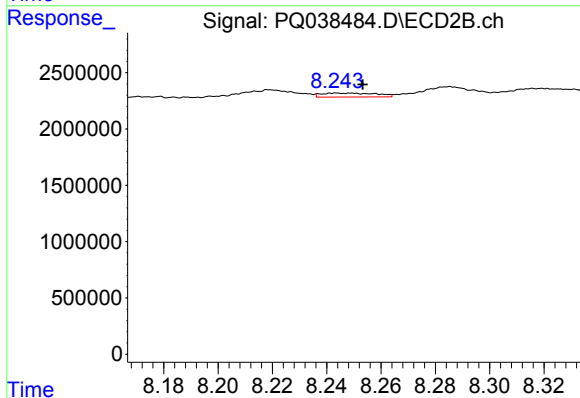
R.T.: 7.999 min
Delta R.T.: -0.036 min
Response: 1621847
Conc: 2.23 ng/ml



#43 AR-1268-3

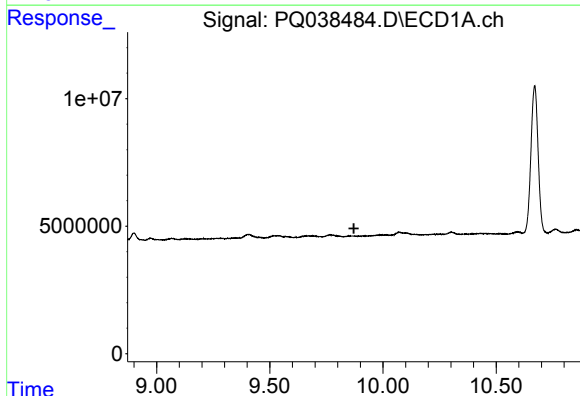
R.T.: 9.408 min
Delta R.T.: -0.002 min
Response: 4602877
Conc: 3.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5L9



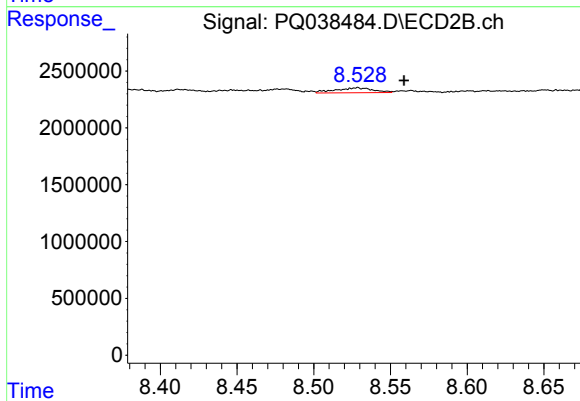
#43 AR-1268-3

R.T.: 8.246 min
Delta R.T.: -0.008 min
Response: 491078
Conc: 0.78 ng/ml



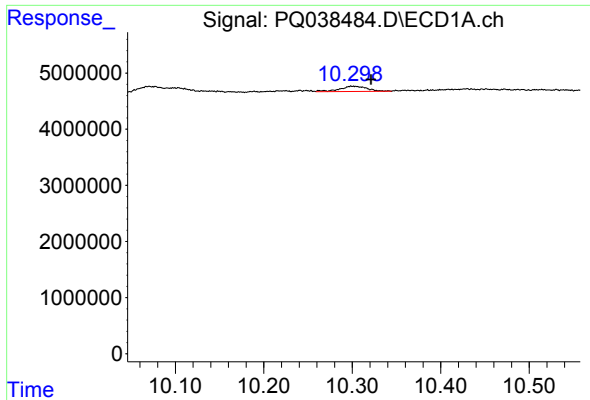
#44 AR-1268-4

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



#44 AR-1268-4

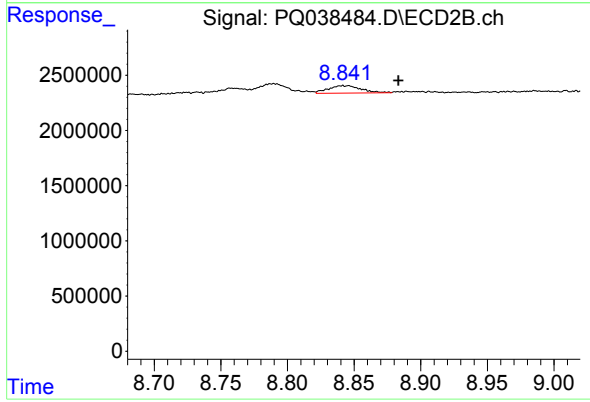
R.T.: 8.528 min
Delta R.T.: -0.030 min
Response: 735376
Conc: 3.12 ng/ml



#45 AR-1268-5

R.T.: 10.300 min
Delta R.T.: -0.022 min
Response: 2038439
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5L9



#45 AR-1268-5

R.T.: 8.843 min
Delta R.T.: -0.040 min
Response: 1149014
Conc: 0.60 ng/ml