

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032619\
 Data File : PQ038370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2019 15:17
 Operator : SM\SJ
 Sample : K2044-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5W2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 00:51:12 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...	4.719	3.998	133.1E6	66049880	32.298	39.135
2)	SA Decachlor...	10.679	9.140	221.2E6	84655594	40.658	35.782
Target Compounds							
3)	L1 AR-1016-1	0.000	5.131	0	249057	N.D.	2.331 #
4)	L1 AR-1016-2	0.000	5.131	0	249057	N.D.	1.608 #
5)	L1 AR-1016-3	0.000	5.342	0	2632373	N.D.	32.829 #
6)	L1 AR-1016-4	0.000	5.389	0	487128	N.D.	7.672 #
7)	L1 AR-1016-5	6.324	0.000	1738758	0	9.420	N.D. #
8)	L2 AR-1221-1	0.000	4.306	0	1093715	N.D.	46.858 #
9)	L2 AR-1221-2	0.000	4.335	0	470089	N.D.	28.238 #
10)	L2 AR-1221-3	0.000	4.427	0	3058473	N.D.	53.764 #
11)	L3 AR-1232-1	0.000	4.427	0	3058473	N.D.	74.808 #
12)	L3 AR-1232-2	0.000	5.131	0	249057	N.D.	5.580 #
13)	L3 AR-1232-3	0.000	5.342	0	2632373	N.D.	109.404 #
14)	L3 AR-1232-4	0.000	5.389	0	487128	N.D.	21.568 #
16)	L4 AR-1242-1	0.000	5.131	0	249057	N.D.	3.537 #
17)	L4 AR-1242-2	0.000	5.131	0	249057	N.D.	2.472 #
18)	L4 AR-1242-3	0.000	5.342	0	2632373	N.D.	49.172 #
19)	L4 AR-1242-4	0.000	5.389	0	487128	N.D.	8.974 #
20)	L4 AR-1242-5	0.000	5.917	0	443112	N.D.	6.028 #
21)	L5 AR-1248-1	0.000	5.131	0	249057	N.D.	4.963 #
22)	L5 AR-1248-2	0.000	5.389	0	487128	N.D.	6.836 #
23)	L5 AR-1248-3	0.000	5.389	0	487128	N.D.	6.650 #
24)	L5 AR-1248-4	6.763	0.000	641136	0	3.058	N.D. #
25)	L5 AR-1248-5	0.000	5.917	0	443112	N.D.	4.939 #
26)	L6 AR-1254-1	6.763	5.917	641136	443112	2.670	2.756
27)	L6 AR-1254-2	0.000	6.130	0	941777	N.D.	6.740 #
28)	L6 AR-1254-3	7.353	6.472	4628559	2310678	11.401	9.610
29)	L6 AR-1254-4	7.640	6.700	6041097	277957	21.462	1.794 #
30)	L6 AR-1254-5	8.060	7.154	8996260	740838	27.871	3.654 #
31)	L7 AR-1260-1	7.516	6.602	13734716	1107222	32.282	5.416 #
32)	L7 AR-1260-2	7.771	6.789	3377984	3010781	6.580	11.754 #
33)	L7 AR-1260-3	8.134	6.947	2403534	649158	6.213	2.714 #
34)	L7 AR-1260-4	8.367	7.463	6685570	1290371	14.657	6.519 #
35)	L7 AR-1260-5	8.717	7.656	3291707	2905864	3.476	5.910 #
36)	L8 AR-1262-1	8.134	7.210	2403534	656589	6.063	3.049 #
37)	L8 AR-1262-2	8.717	7.656	3291707	2905864	4.615	7.459 #
38)	L8 AR-1262-3	0.000	7.946	0	441119	N.D.	2.963 #
39)	L8 AR-1262-4	0.000	8.017	0	19724038	N.D.	69.197 #
40)	L8 AR-1262-5	0.000	8.533	0	621888	N.D.	5.262 #
41)	L9 AR-1268-1	0.000	7.946	0	441119	N.D.	0.551 #
42)	L9 AR-1268-2	0.000	8.017	0	19724038	N.D.	27.173 #

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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	0.000	8.533	0	621888	N.D.	2.641 #
45) L9	AR-1268-5	0.000	8.854	0	1022094	N.D.	0.531 #

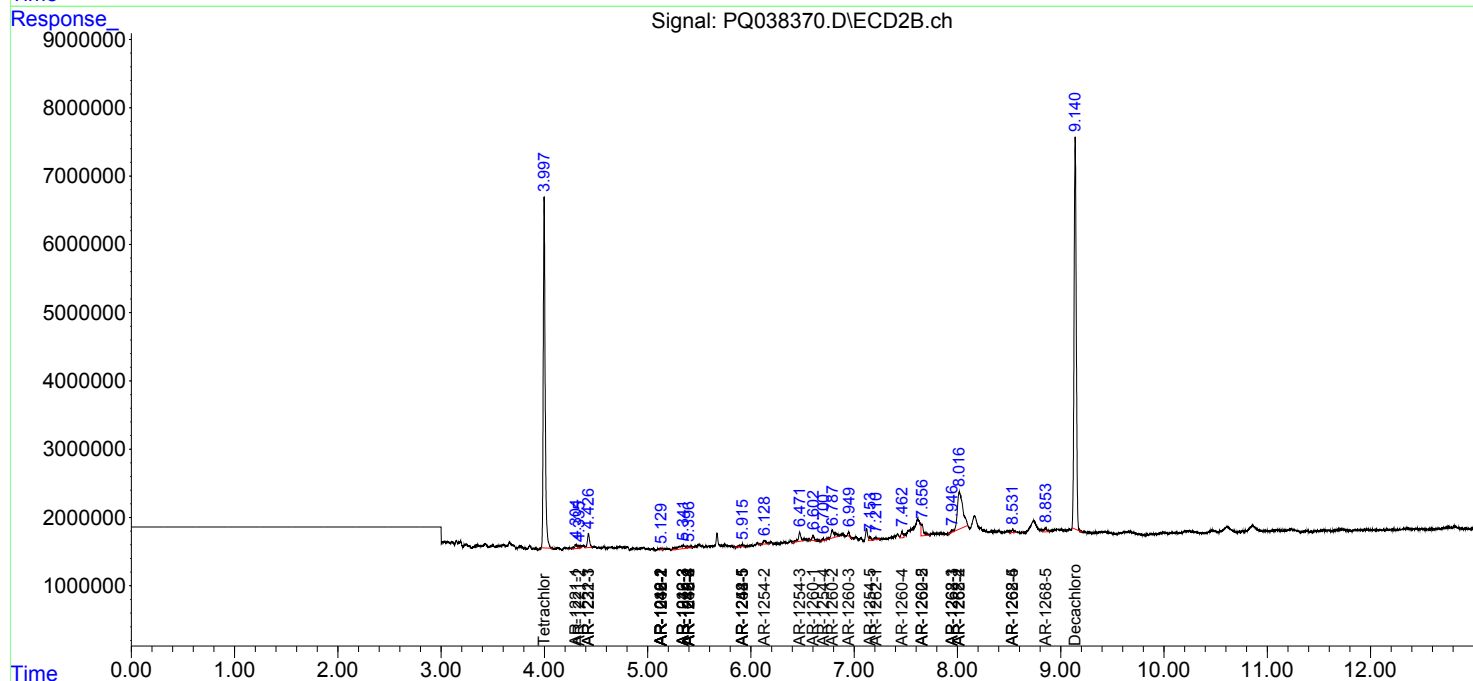
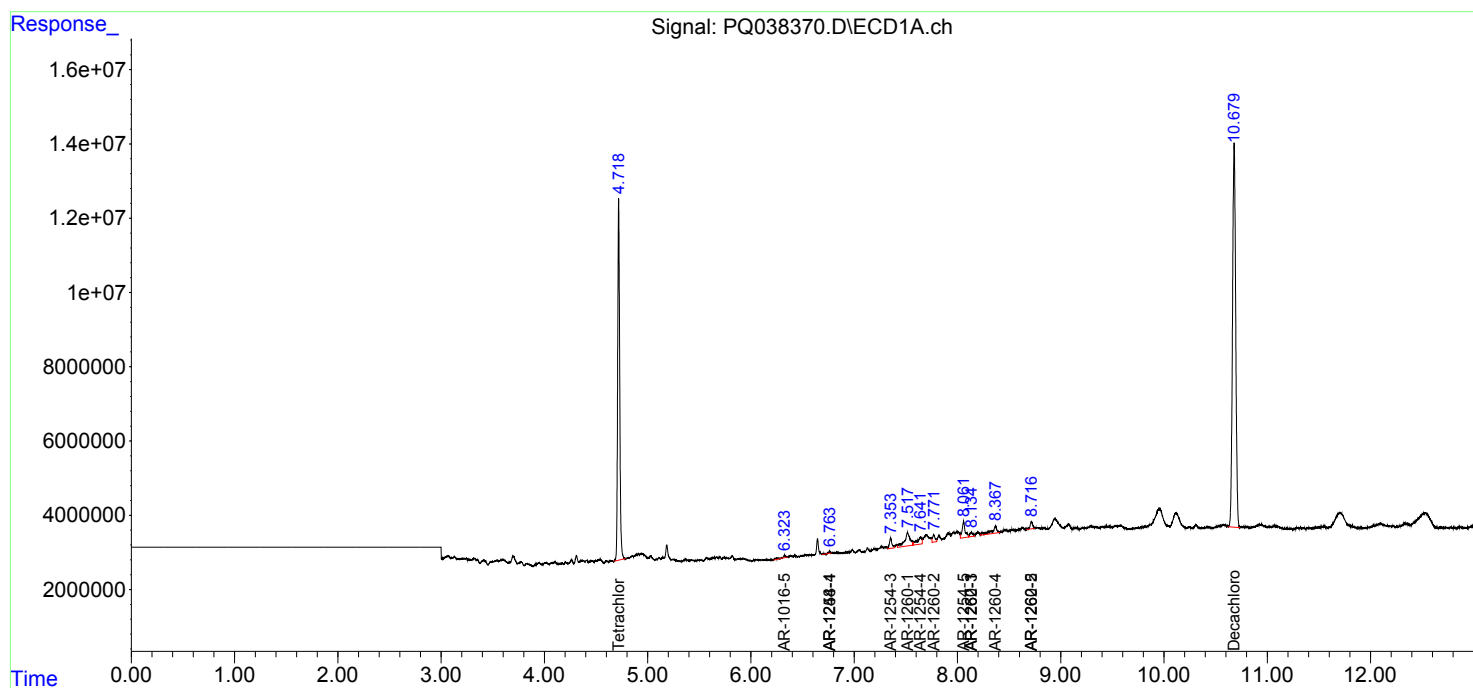
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

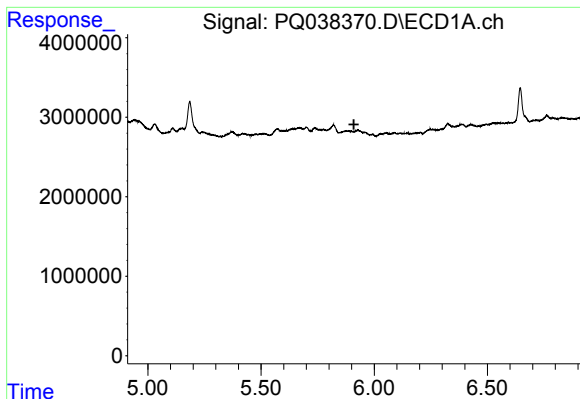
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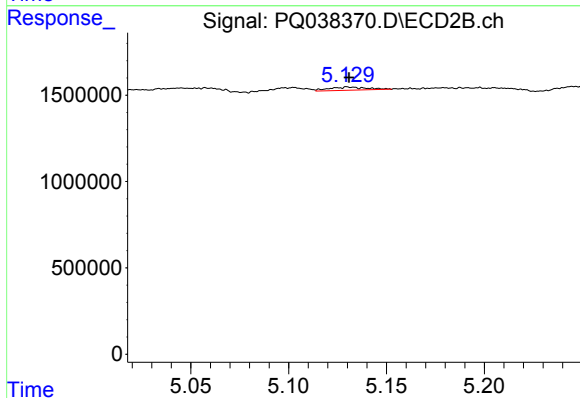




#3 AR-1016-1

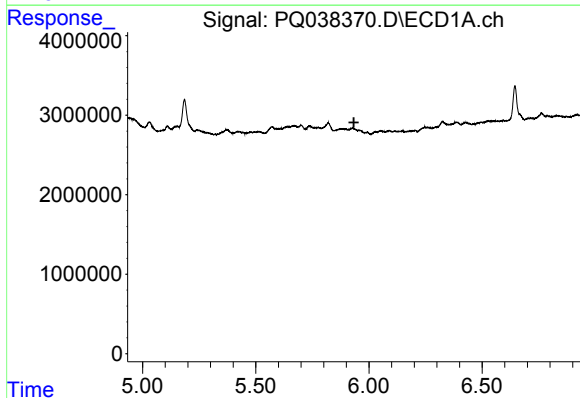
R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



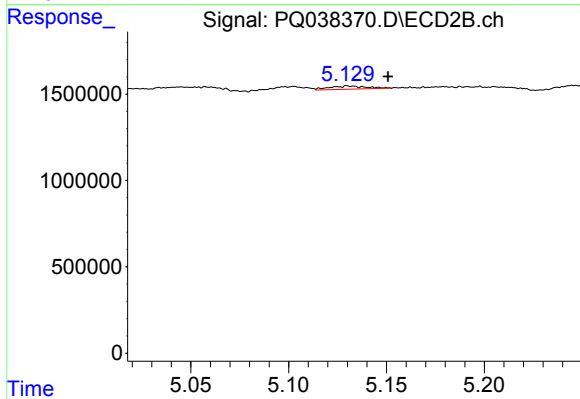
#3 AR-1016-1

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 249057
Conc: 2.33 ng/ml



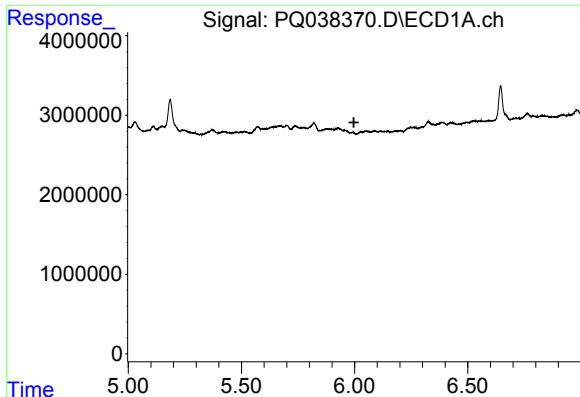
#4 AR-1016-2

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



#4 AR-1016-2

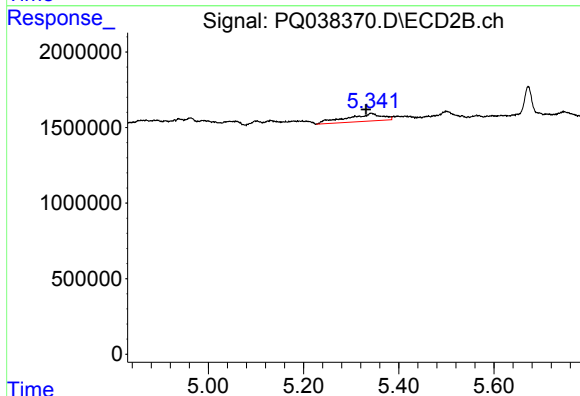
R.T.: 5.131 min
Delta R.T.: -0.020 min
Response: 249057
Conc: 1.61 ng/ml



#5 AR-1016-3

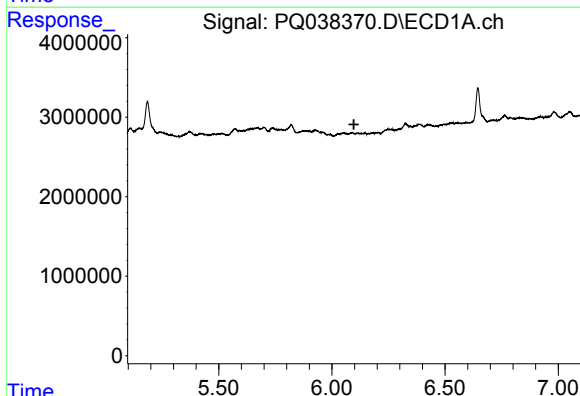
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



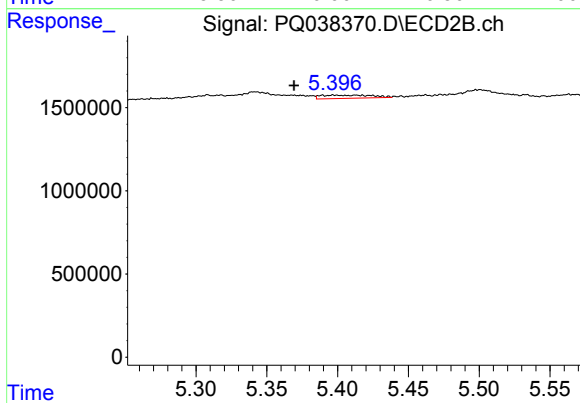
#5 AR-1016-3

R.T.: 5.342 min
Delta R.T.: 0.010 min
Response: 2632373
Conc: 32.83 ng/ml



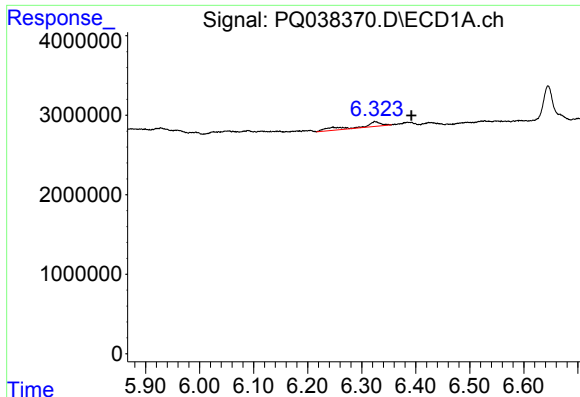
#6 AR-1016-4

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



#6 AR-1016-4

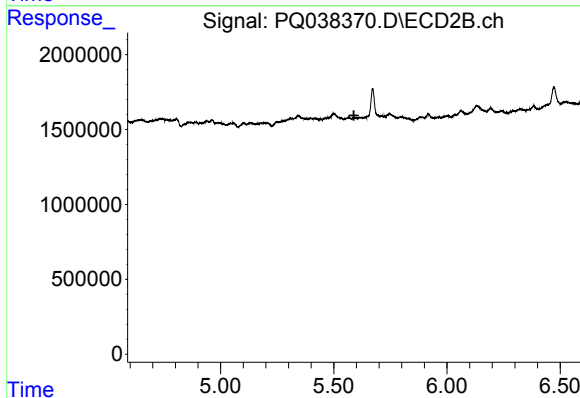
R.T.: 5.389 min
Delta R.T.: 0.020 min
Response: 487128
Conc: 7.67 ng/ml



#7 AR-1016-5

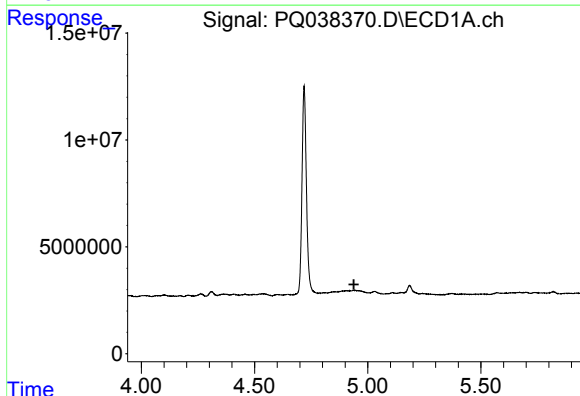
R.T.: 6.324 min
Delta R.T.: -0.068 min
Response: 1738758
Conc: 9.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W2



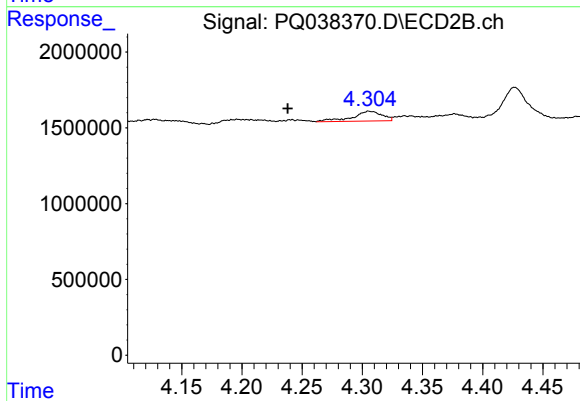
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.589 min
Response: 0
Conc: N.D.



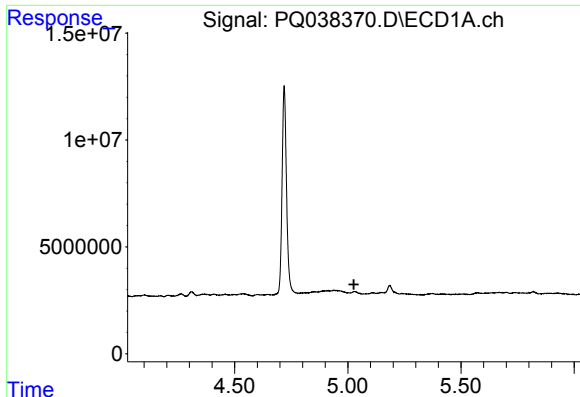
#8 AR-1221-1

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



#8 AR-1221-1

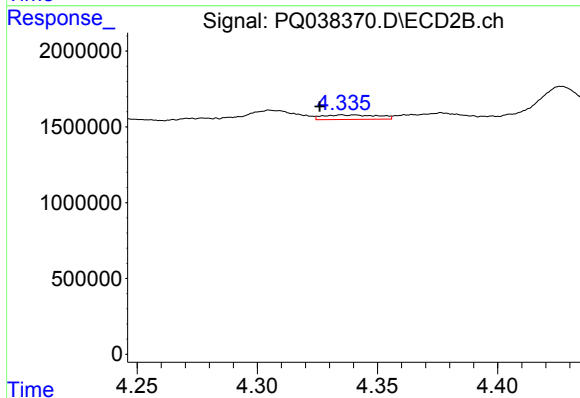
R.T.: 4.306 min
Delta R.T.: 0.068 min
Response: 1093715
Conc: 46.86 ng/ml



#9 AR-1221-2

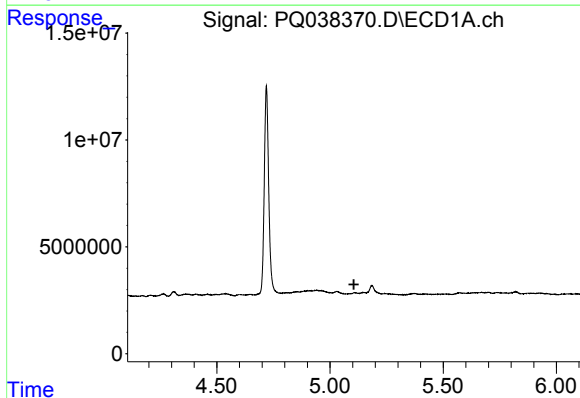
R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



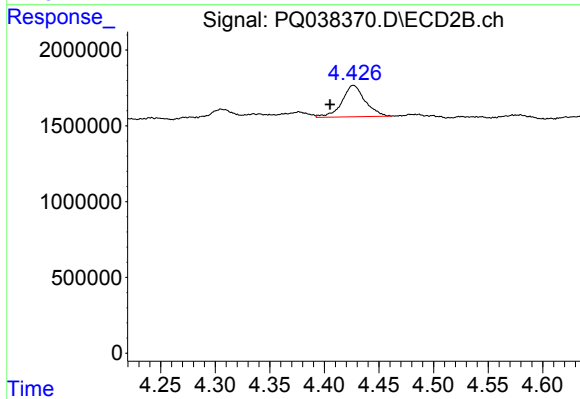
#9 AR-1221-2

R.T.: 4.335 min
Delta R.T.: 0.009 min
Response: 470089
Conc: 28.24 ng/ml



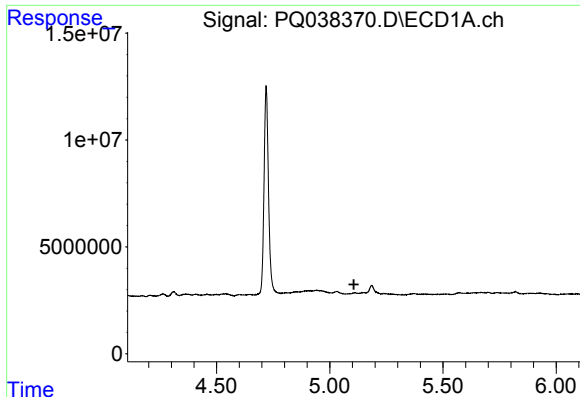
#10 AR-1221-3

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



#10 AR-1221-3

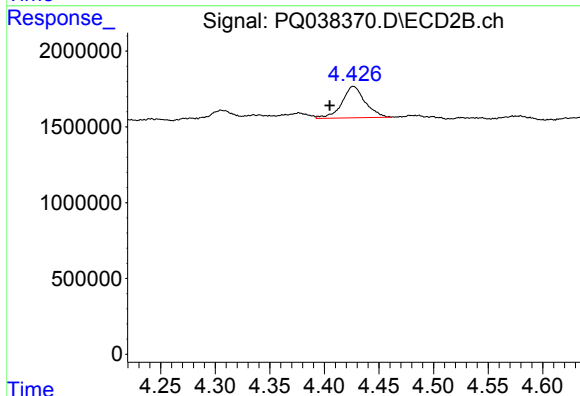
R.T.: 4.427 min
Delta R.T.: 0.021 min
Response: 3058473
Conc: 53.76 ng/ml



#11 AR-1232-1

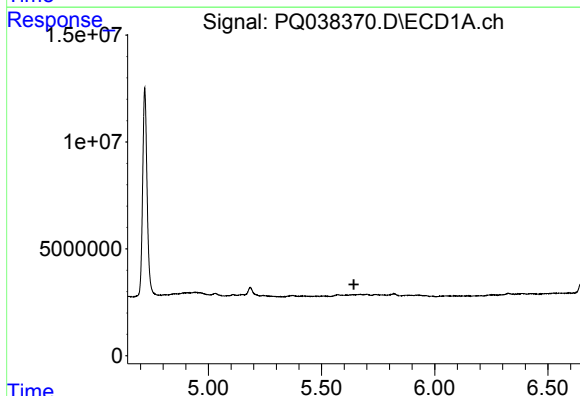
R.T.: 0.000 min
Exp R.T.: 5.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



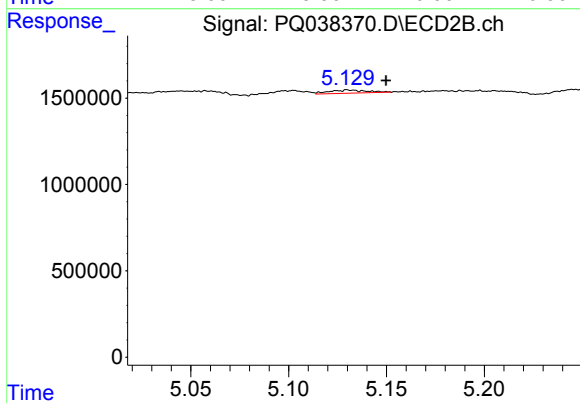
#11 AR-1232-1

R.T.: 4.427 min
Delta R.T.: 0.022 min
Response: 3058473
Conc: 74.81 ng/ml



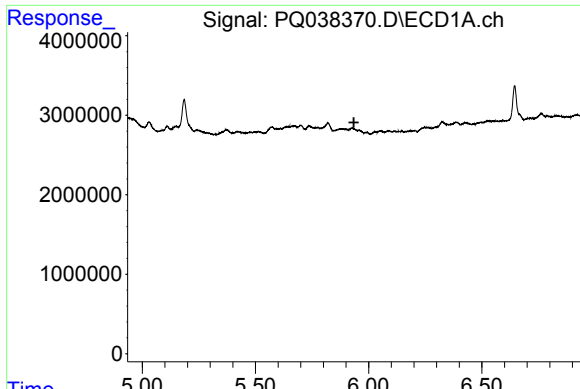
#12 AR-1232-2

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



#12 AR-1232-2

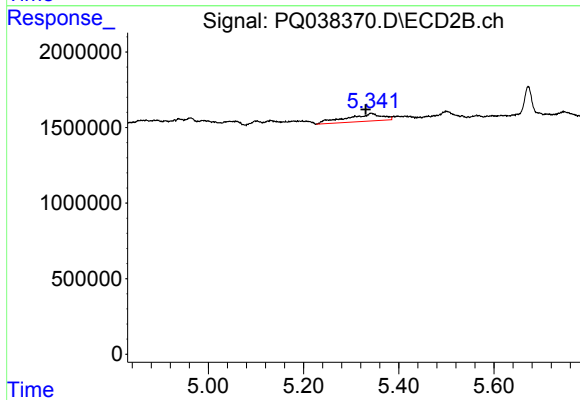
R.T.: 5.131 min
Delta R.T.: -0.019 min
Response: 249057
Conc: 5.58 ng/ml



#13 AR-1232-3

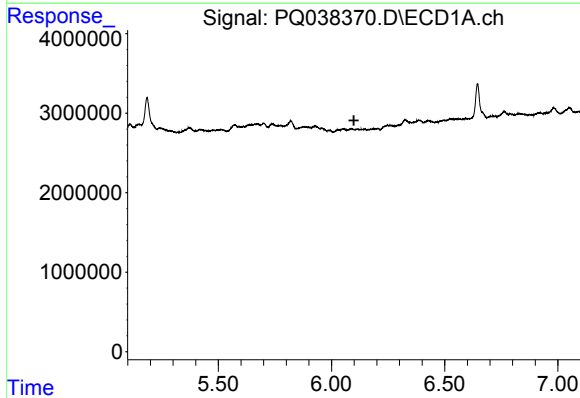
R.T.: 0.000 min
Exp R.T.: 5.935 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



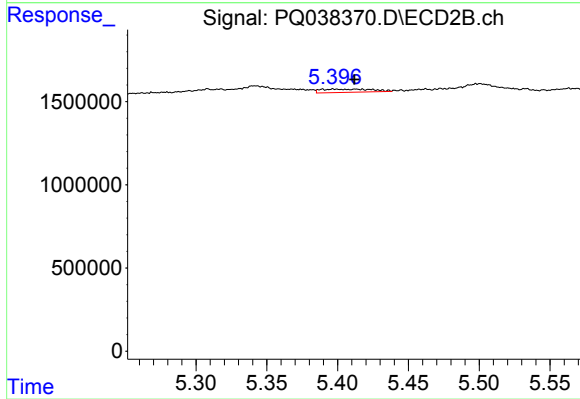
#13 AR-1232-3

R.T.: 5.342 min
Delta R.T.: 0.011 min
Response: 2632373
Conc: 109.40 ng/ml



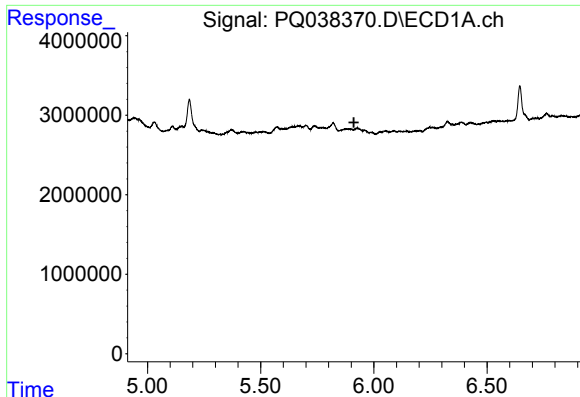
#14 AR-1232-4

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



#14 AR-1232-4

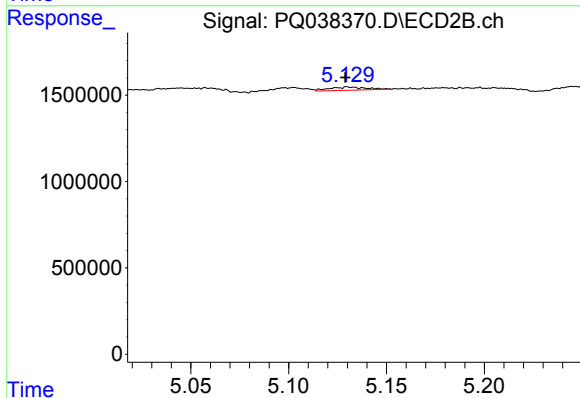
R.T.: 5.389 min
Delta R.T.: -0.023 min
Response: 487128
Conc: 21.57 ng/ml



#16 AR-1242-1

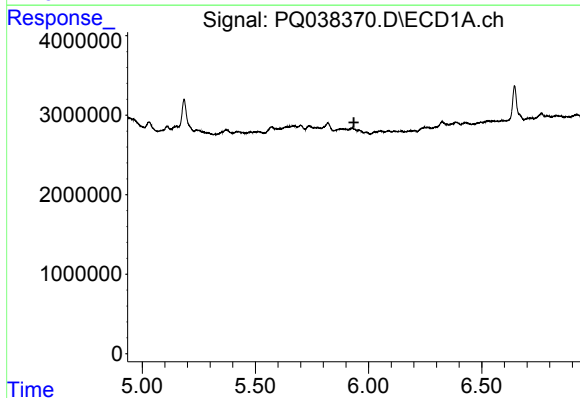
R.T.: 0.000 min
Exp R.T.: 5.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



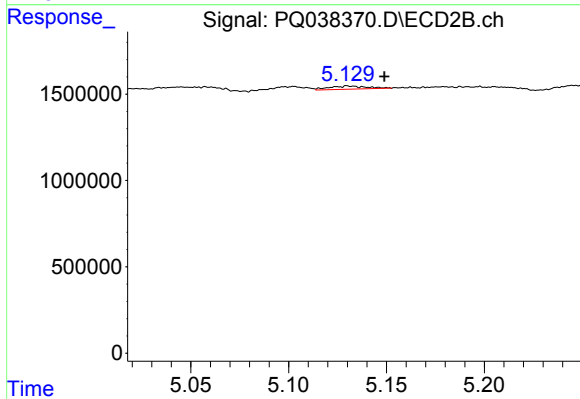
#16 AR-1242-1

R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 249057
Conc: 3.54 ng/ml



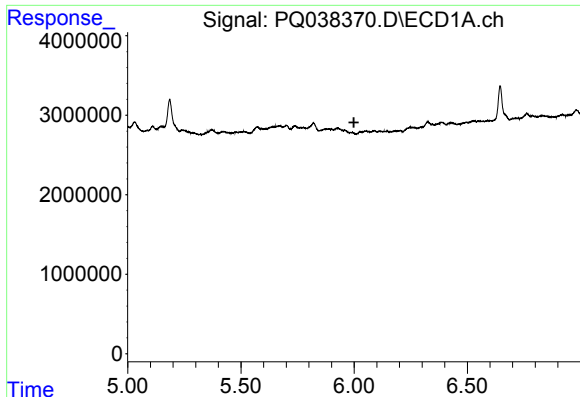
#17 AR-1242-2

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



#17 AR-1242-2

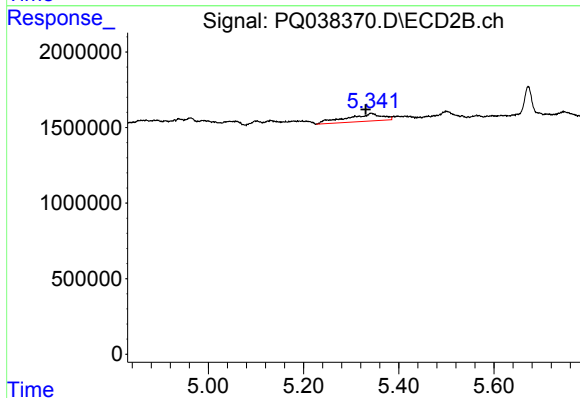
R.T.: 5.131 min
Delta R.T.: -0.018 min
Response: 249057
Conc: 2.47 ng/ml



#18 AR-1242-3

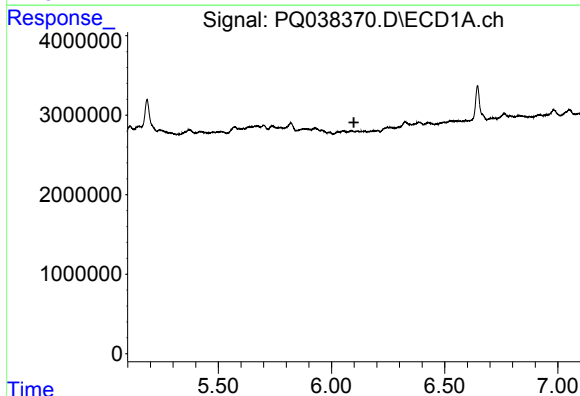
R.T.: 0.000 min
Exp R.T.: 5.999 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



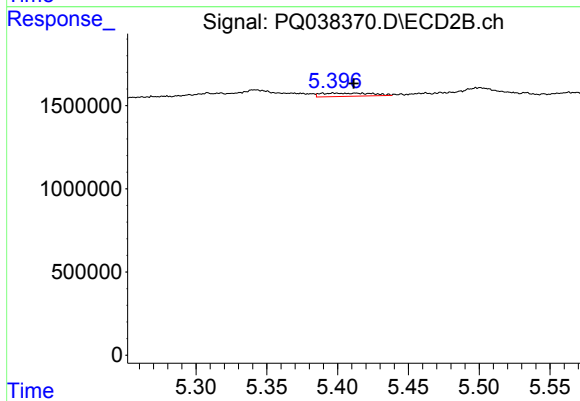
#18 AR-1242-3

R.T.: 5.342 min
Delta R.T.: 0.011 min
Response: 2632373
Conc: 49.17 ng/ml



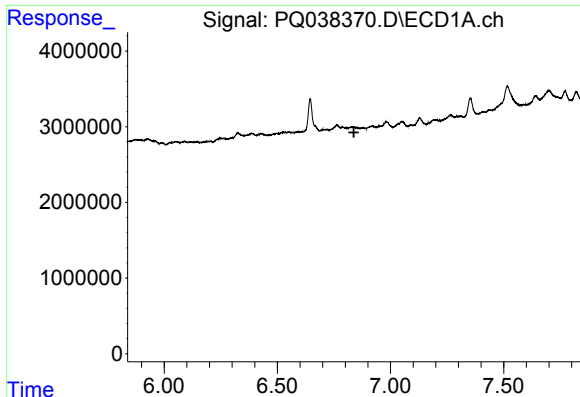
#19 AR-1242-4

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



#19 AR-1242-4

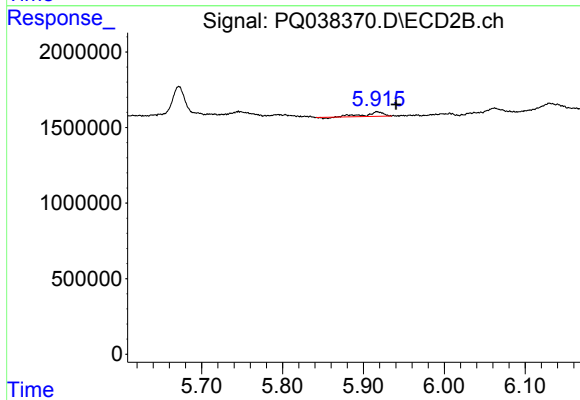
R.T.: 5.389 min
Delta R.T.: -0.022 min
Response: 487128
Conc: 8.97 ng/ml



#20 AR-1242-5

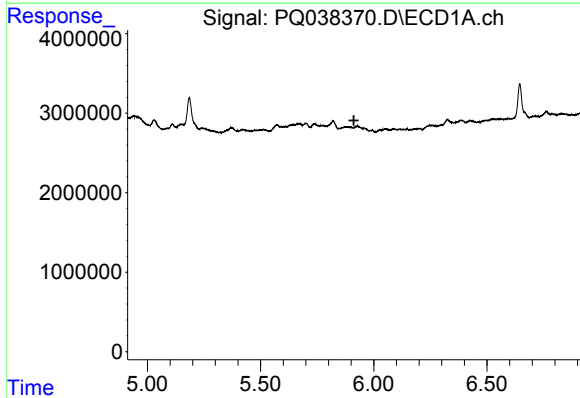
R.T.: 0.000 min
Exp R.T.: 6.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



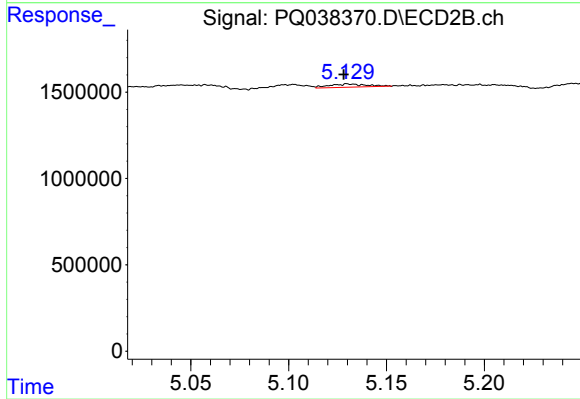
#20 AR-1242-5

R.T.: 5.917 min
Delta R.T.: -0.024 min
Response: 443112
Conc: 6.03 ng/ml



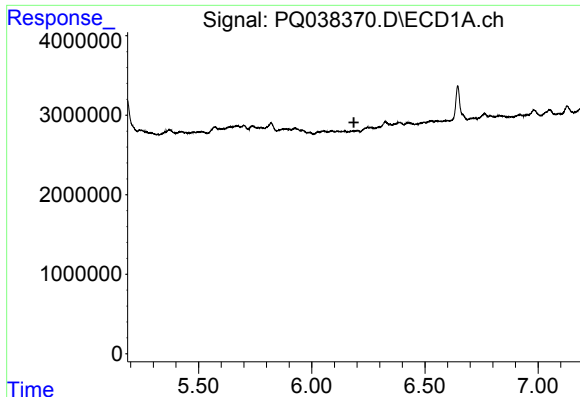
#21 AR-1248-1

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



#21 AR-1248-1

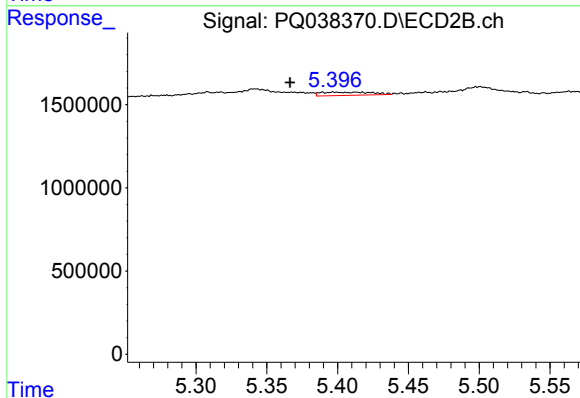
R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 249057
Conc: 4.96 ng/ml



#22 AR-1248-2

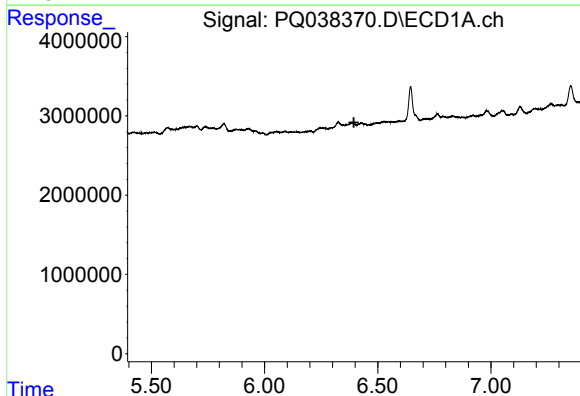
R.T.: 0.000 min
Exp R.T.: 6.186 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



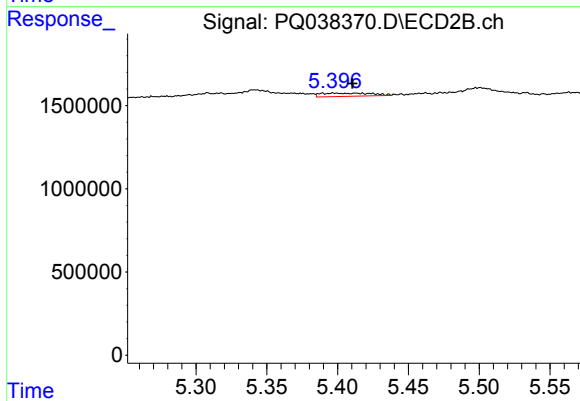
#22 AR-1248-2

R.T.: 5.389 min
Delta R.T.: 0.023 min
Response: 487128
Conc: 6.84 ng/ml



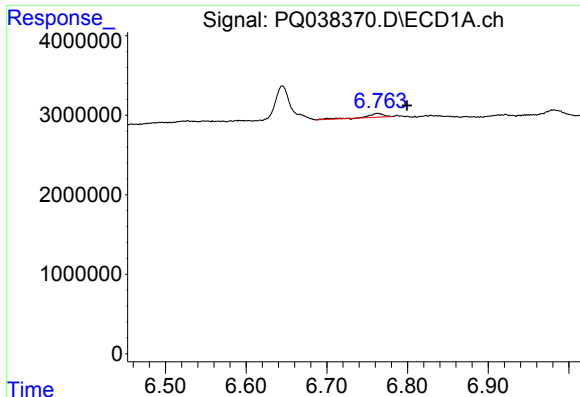
#23 AR-1248-3

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



#23 AR-1248-3

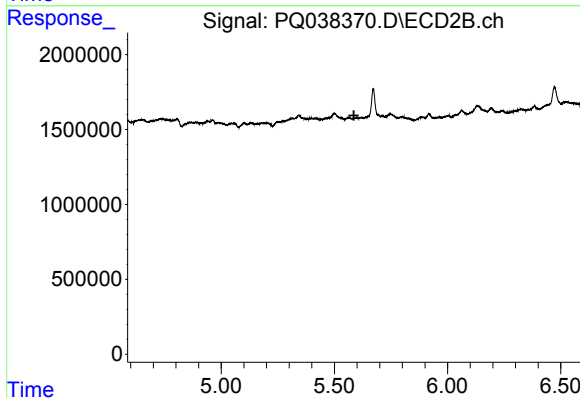
R.T.: 5.389 min
Delta R.T.: -0.021 min
Response: 487128
Conc: 6.65 ng/ml



#24 AR-1248-4

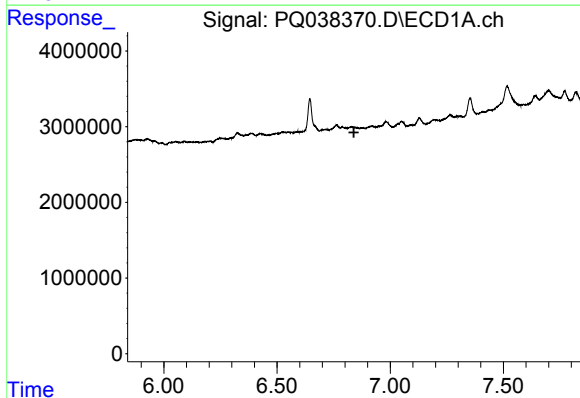
R.T.: 6.763 min
Delta R.T.: -0.036 min
Response: 641136
Conc: 3.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W2



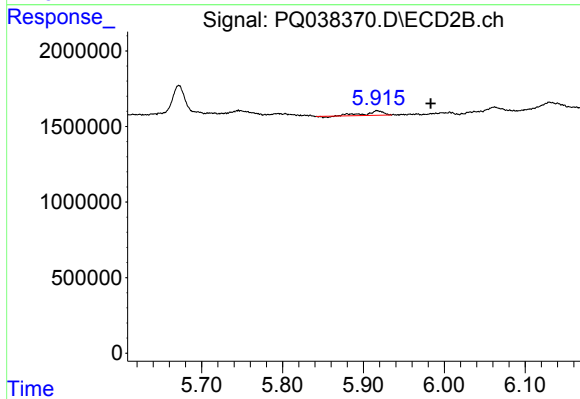
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.586 min
Response: 0
Conc: N.D.



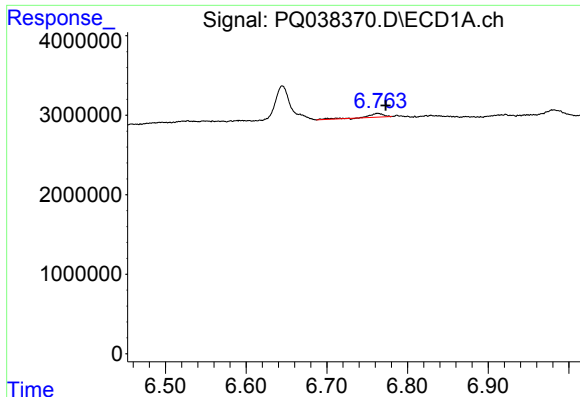
#25 AR-1248-5

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



#25 AR-1248-5

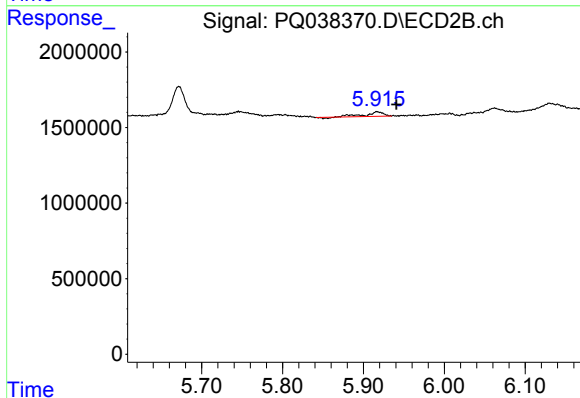
R.T.: 5.917 min
Delta R.T.: -0.067 min
Response: 443112
Conc: 4.94 ng/ml



#26 AR-1254-1

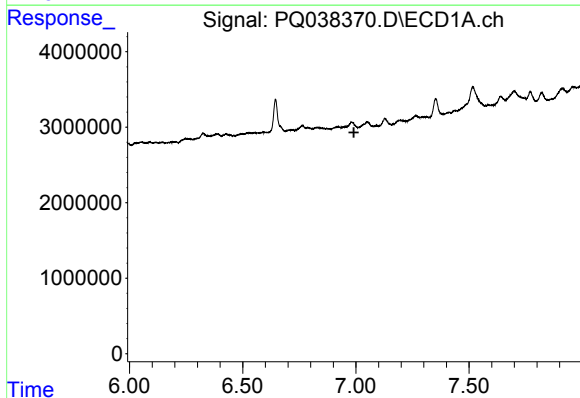
R.T.: 6.763 min
Delta R.T.: -0.010 min
Response: 641136
Conc: 2.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W2



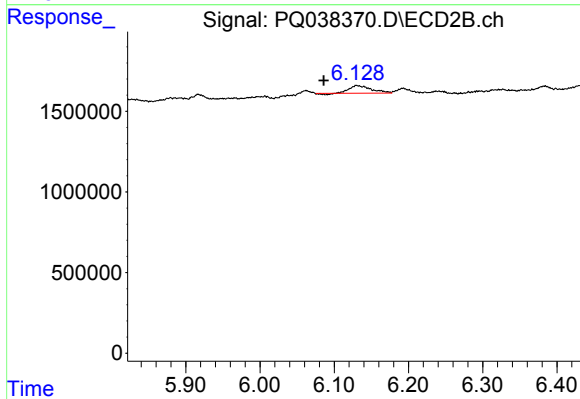
#26 AR-1254-1

R.T.: 5.917 min
Delta R.T.: -0.024 min
Response: 443112
Conc: 2.76 ng/ml



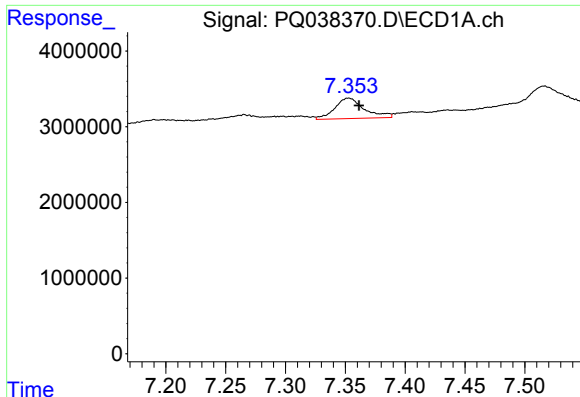
#27 AR-1254-2

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



#27 AR-1254-2

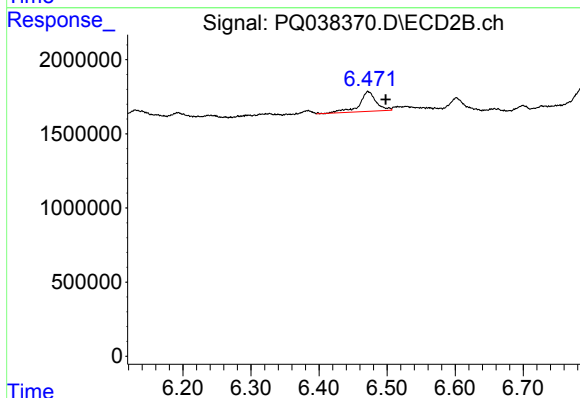
R.T.: 6.130 min
Delta R.T.: 0.044 min
Response: 941777
Conc: 6.74 ng/ml



#28 AR-1254-3

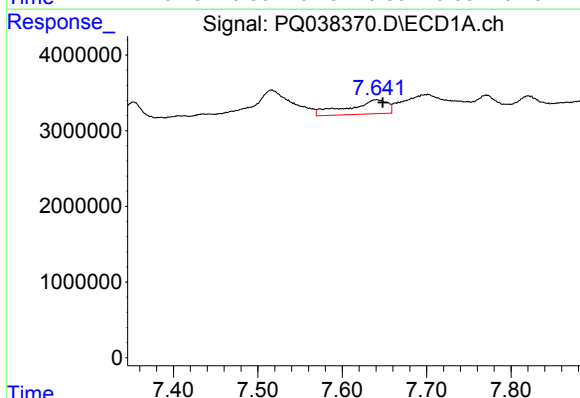
R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 4628559
Conc: 11.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W2



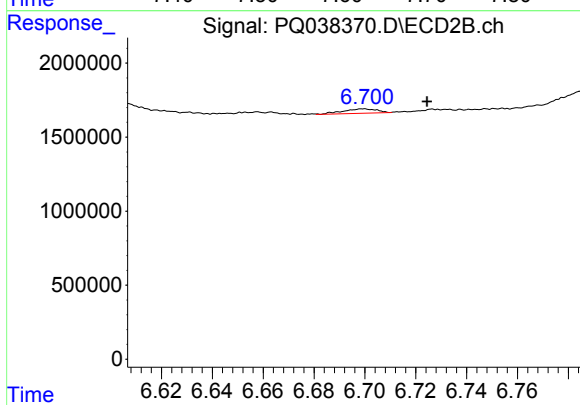
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: -0.026 min
Response: 2310678
Conc: 9.61 ng/ml



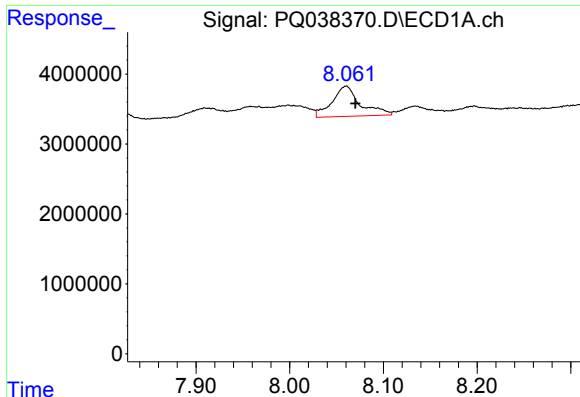
#29 AR-1254-4

R.T.: 7.640 min
Delta R.T.: -0.008 min
Response: 6041097
Conc: 21.46 ng/ml



#29 AR-1254-4

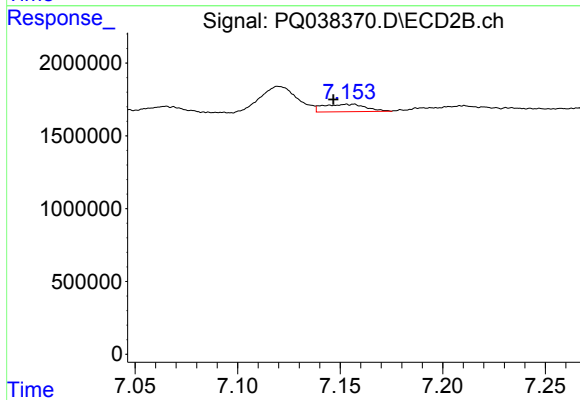
R.T.: 6.700 min
Delta R.T.: -0.025 min
Response: 277957
Conc: 1.79 ng/ml



#30 AR-1254-5

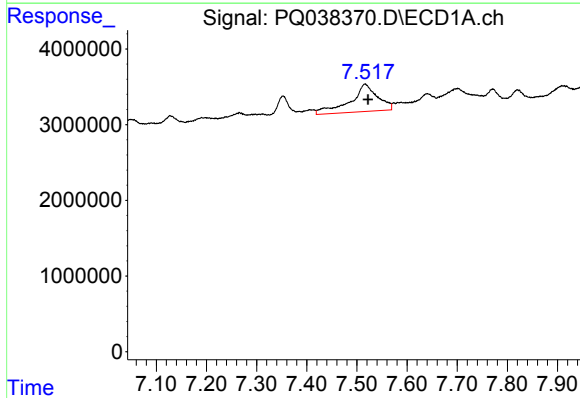
R.T.: 8.060 min
Delta R.T.: -0.010 min
Response: 8996260
Conc: 27.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W2



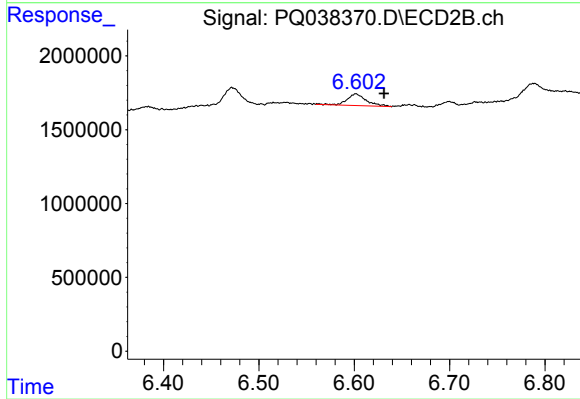
#30 AR-1254-5

R.T.: 7.154 min
Delta R.T.: 0.007 min
Response: 740838
Conc: 3.65 ng/ml



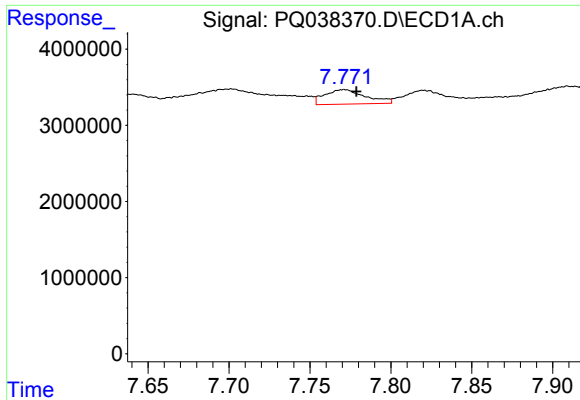
#31 AR-1260-1

R.T.: 7.516 min
Delta R.T.: -0.006 min
Response: 13734716
Conc: 32.28 ng/ml



#31 AR-1260-1

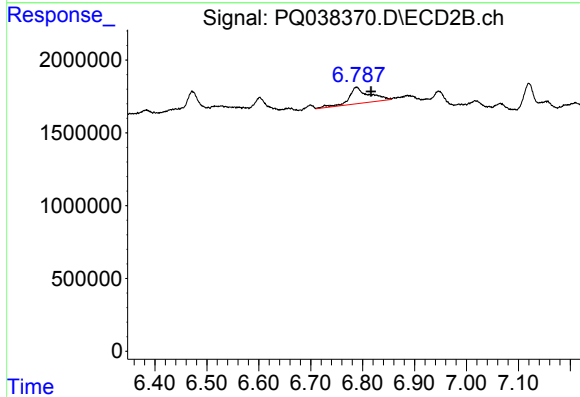
R.T.: 6.602 min
Delta R.T.: -0.029 min
Response: 1107222
Conc: 5.42 ng/ml



#32 AR-1260-2

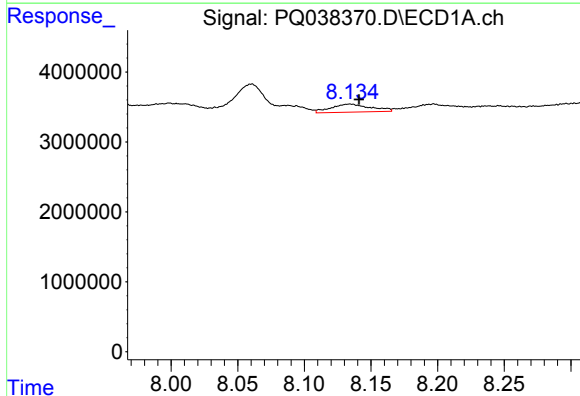
R.T.: 7.771 min
Delta R.T.: -0.008 min
Response: 3377984
Conc: 6.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W2



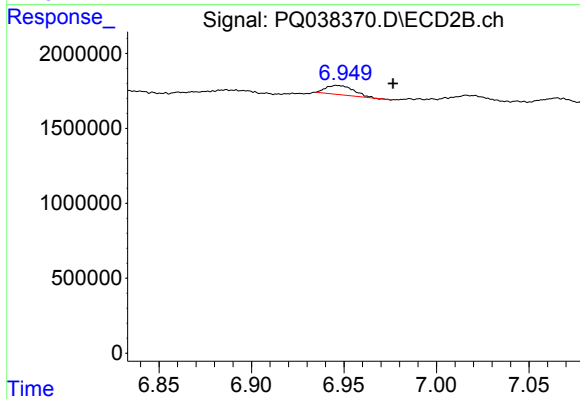
#32 AR-1260-2

R.T.: 6.789 min
Delta R.T.: -0.028 min
Response: 3010781
Conc: 11.75 ng/ml



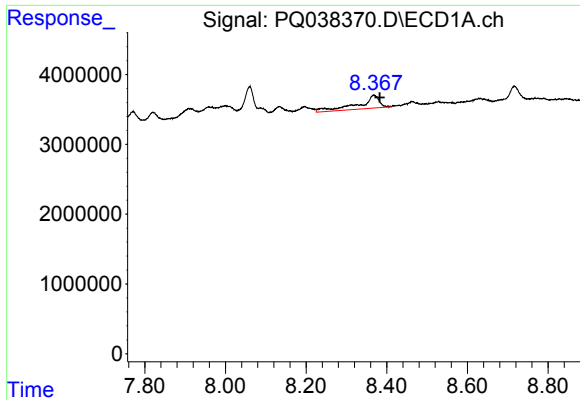
#33 AR-1260-3

R.T.: 8.134 min
Delta R.T.: -0.007 min
Response: 2403534
Conc: 6.21 ng/ml



#33 AR-1260-3

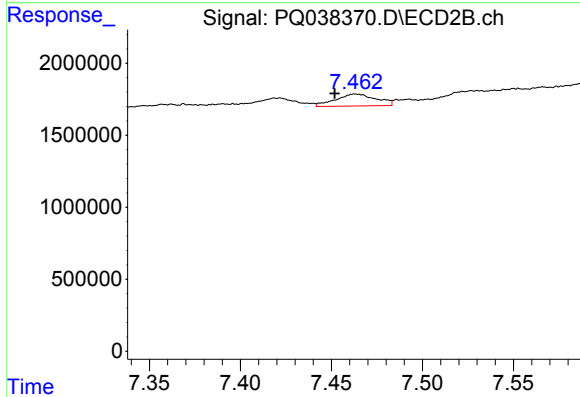
R.T.: 6.947 min
Delta R.T.: -0.030 min
Response: 649158
Conc: 2.71 ng/ml



#34 AR-1260-4

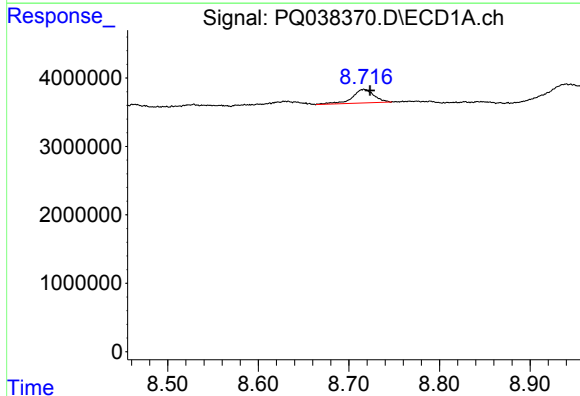
R.T.: 8.367 min
Delta R.T.: -0.015 min
Response: 6685570
Conc: 14.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W2



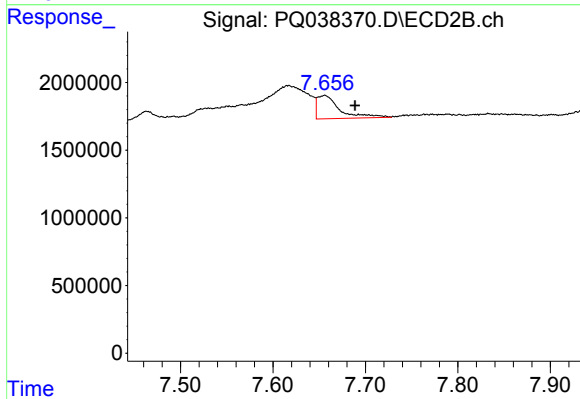
#34 AR-1260-4

R.T.: 7.463 min
Delta R.T.: 0.011 min
Response: 1290371
Conc: 6.52 ng/ml



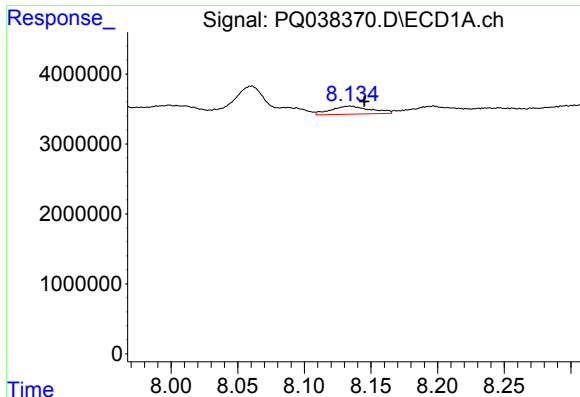
#35 AR-1260-5

R.T.: 8.717 min
Delta R.T.: -0.007 min
Response: 3291707
Conc: 3.48 ng/ml



#35 AR-1260-5

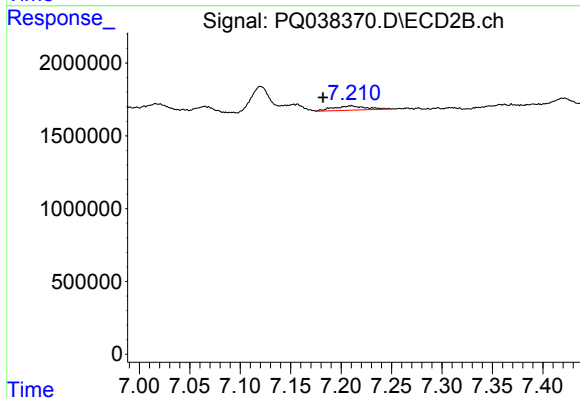
R.T.: 7.656 min
Delta R.T.: -0.033 min
Response: 2905864
Conc: 5.91 ng/ml



#36 AR-1262-1

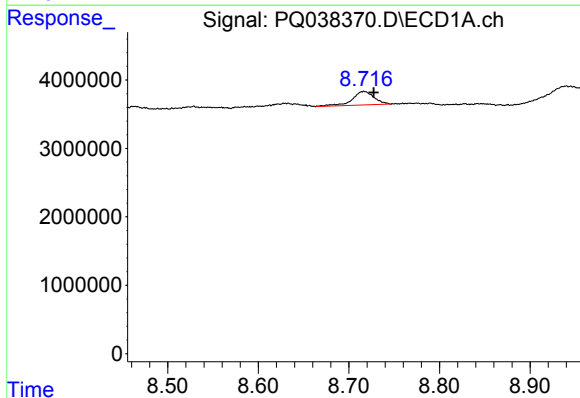
R.T.: 8.134 min
Delta R.T.: -0.011 min
Response: 2403534
Conc: 6.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5W2



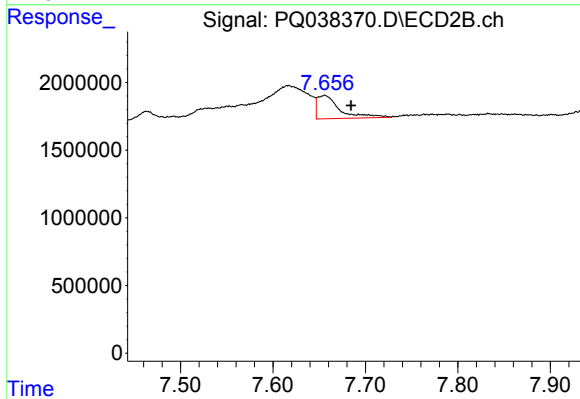
#36 AR-1262-1

R.T.: 7.210 min
Delta R.T.: 0.028 min
Response: 656589
Conc: 3.05 ng/ml



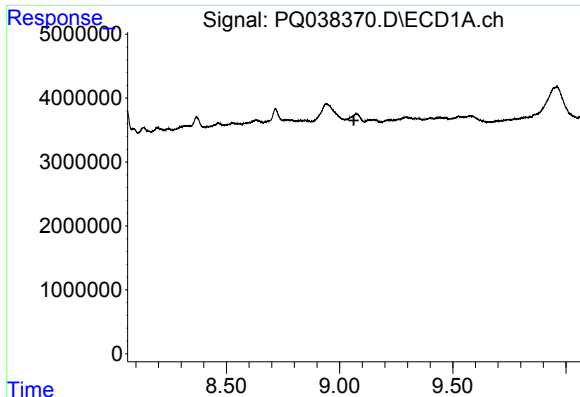
#37 AR-1262-2

R.T.: 8.717 min
Delta R.T.: -0.011 min
Response: 3291707
Conc: 4.61 ng/ml



#37 AR-1262-2

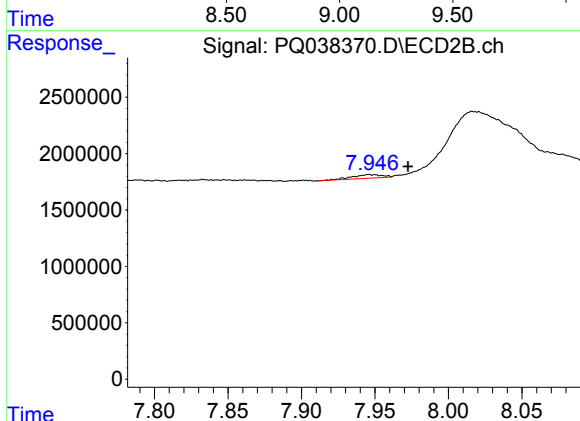
R.T.: 7.656 min
Delta R.T.: -0.029 min
Response: 2905864
Conc: 7.46 ng/ml



#38 AR-1262-3

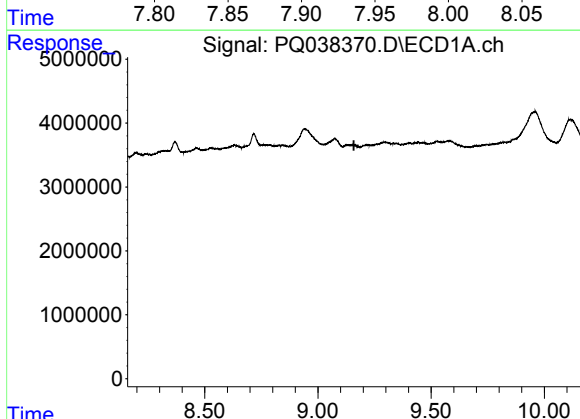
R.T.: 0.000 min
Exp R.T.: 9.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



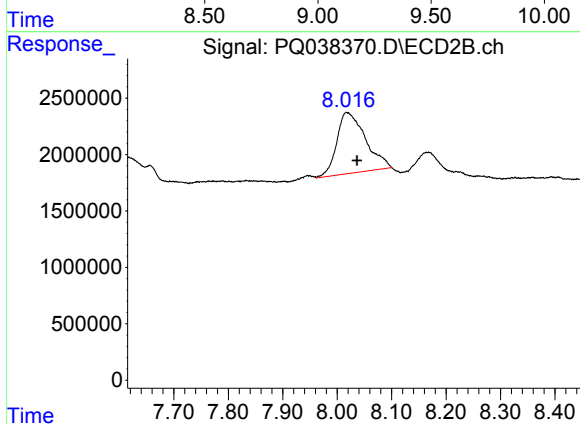
#38 AR-1262-3

R.T.: 7.946 min
Delta R.T.: -0.027 min
Response: 441119
Conc: 2.96 ng/ml



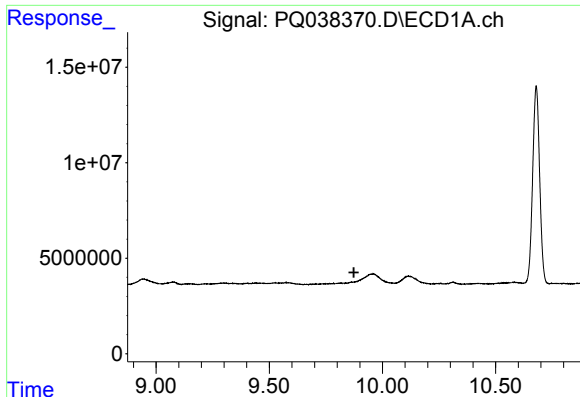
#39 AR-1262-4

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



#39 AR-1262-4

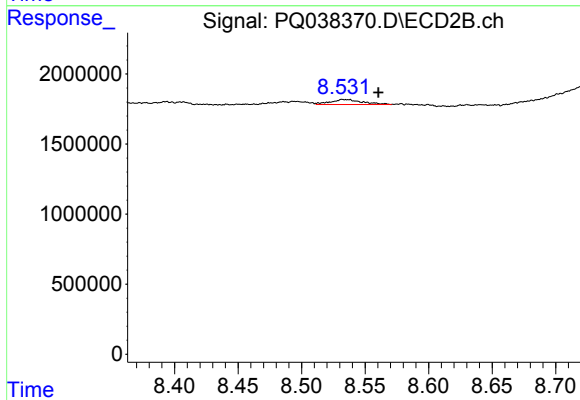
R.T.: 8.017 min
Delta R.T.: -0.020 min
Response: 19724038
Conc: 69.20 ng/ml



#40 AR-1262-5

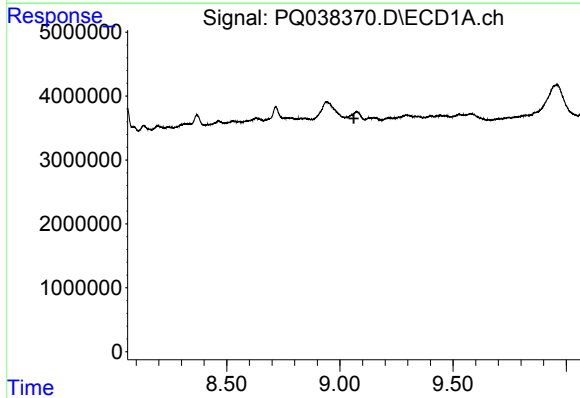
R.T.: 0.000 min
Exp R.T.: 9.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



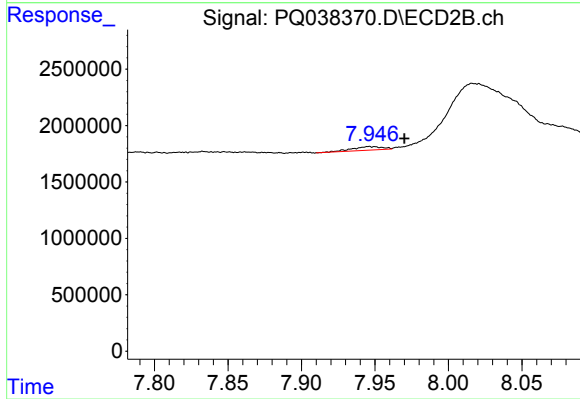
#40 AR-1262-5

R.T.: 8.533 min
Delta R.T.: -0.028 min
Response: 621888
Conc: 5.26 ng/ml



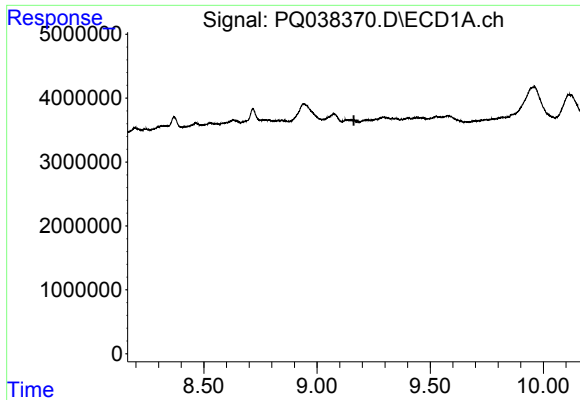
#41 AR-1268-1

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



#41 AR-1268-1

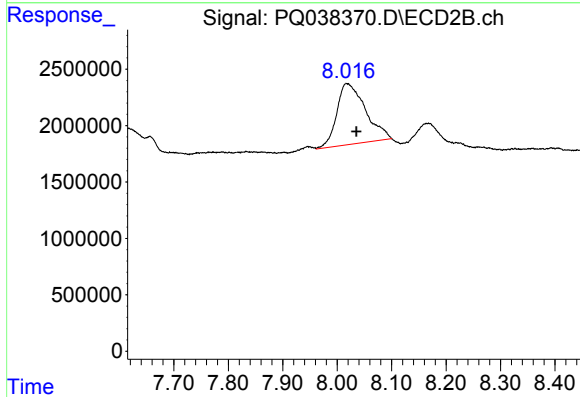
R.T.: 7.946 min
Delta R.T.: -0.024 min
Response: 441119
Conc: 0.55 ng/ml



#42 AR-1268-2

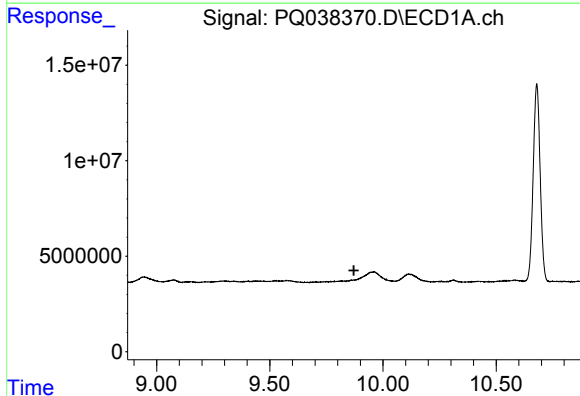
R.T.: 0.000 min
Exp R.T.: 9.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5W2



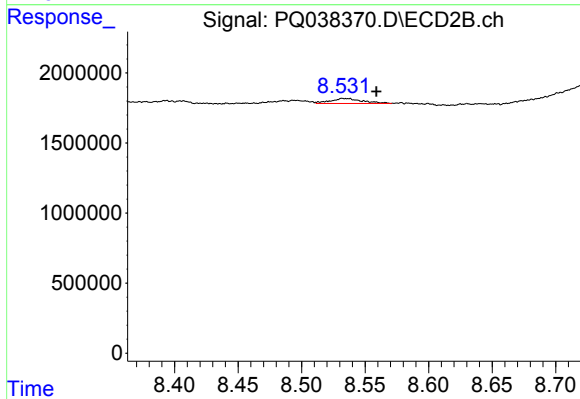
#42 AR-1268-2

R.T.: 8.017 min
Delta R.T.: -0.018 min
Response: 19724038
Conc: 27.17 ng/ml



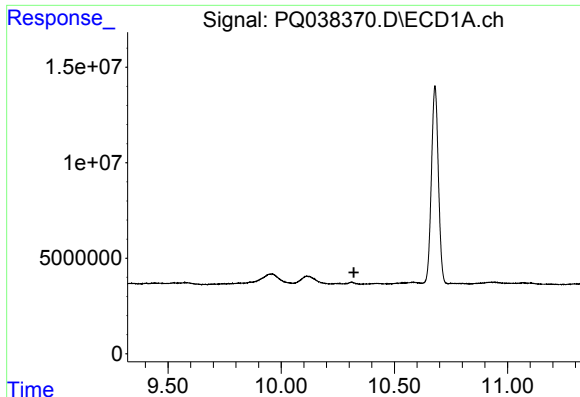
#44 AR-1268-4

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



#44 AR-1268-4

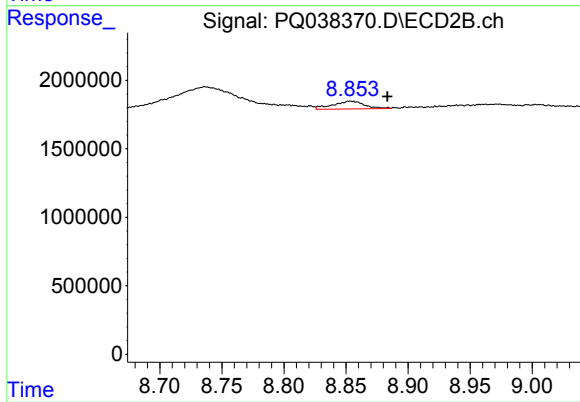
R.T.: 8.533 min
Delta R.T.: -0.026 min
Response: 621888
Conc: 2.64 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :
BF5W2



#45 AR-1268-5

R.T.: 8.854 min
Delta R.T.: -0.030 min
Response: 1022094
Conc: 0.53 ng/ml