

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032719\
 Data File : PQ038472.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2019 00:41
 Operator : SM\SJ
 Sample : K2068-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5J8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 02:01:42 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...	4.722	4.000	75810463	34258608	18.394	20.298
2)	SA Decachlor...	10.671	9.130	118.9E6	46907538	21.850	19.827
Target Compounds							
3)	L1 AR-1016-1	5.852	5.120	6217049	723843	26.035	6.775 #
4)	L1 AR-1016-2	0.000	5.120	0	723843	N.D.	4.673 #
6)	L1 AR-1016-4	0.000	5.425	0	685009	N.D.	10.788 #
7)	L1 AR-1016-5	0.000	5.603	0	347993	N.D.	3.973 #
9)	L2 AR-1221-2	0.000	4.311	0	845660	N.D.	50.798 #
10)	L2 AR-1221-3	0.000	4.445	0	7869817	N.D.	138.341 #
11)	L3 AR-1232-1	0.000	4.445	0	7869817	N.D.	192.489 #
12)	L3 AR-1232-2	0.000	5.120	0	723843	N.D.	16.219 #
14)	L3 AR-1232-4	0.000	5.425	0	685009	N.D.	30.329 #
15)	L3 AR-1232-5	0.000	5.603	0	347993	N.D.	14.377 #
16)	L4 AR-1242-1	5.852	5.120	6217049	723843	40.618	10.280 #
17)	L4 AR-1242-2	0.000	5.120	0	723843	N.D.	7.184 #
19)	L4 AR-1242-4	0.000	5.425	0	685009	N.D.	12.620 #
20)	L4 AR-1242-5	0.000	5.913	0	2023129	N.D.	27.522 #
21)	L5 AR-1248-1	5.852	5.120	6217049	723843	57.785	14.425 #
22)	L5 AR-1248-2	0.000	5.425	0	685009	N.D.	9.613 #
23)	L5 AR-1248-3	0.000	5.425	0	685009	N.D.	9.351 #
24)	L5 AR-1248-4	6.759	5.603	15373799	347993	73.328	3.849 #
25)	L5 AR-1248-5	0.000	5.986	0	604191	N.D.	6.734 #
26)	L6 AR-1254-1	6.759	5.913	15373799	2023129	64.022	12.583 #
27)	L6 AR-1254-2	6.980	6.124	4270958	2685113	11.324	19.217 #
28)	L6 AR-1254-3	7.372	6.516	4088469	4295999	10.071	17.868 #
29)	L6 AR-1254-4	7.634	6.722	6437028	811902	22.868	5.239 #
30)	L6 AR-1254-5	8.056	7.152	13323560	3526623	41.277	17.396 #
31)	L7 AR-1260-1	7.512	6.602	3161223	2239737	7.430	10.955 #
32)	L7 AR-1260-2	7.767	6.832	7281096	1386770	14.183	5.414 #
33)	L7 AR-1260-3	8.130	6.949	6440043	14363212	16.648	60.041 #
34)	L7 AR-1260-4	8.349	7.459	26213869	2119903	57.469	10.710 #
35)	L7 AR-1260-5	8.712	7.654	15981466	9235375	16.877	18.783
36)	L8 AR-1262-1	8.130	7.208	6440043	2100789	16.246	9.756 #
37)	L8 AR-1262-2	8.712	7.654	15981466	9235375	22.405	23.705
38)	L8 AR-1262-3	9.067	7.963	11010298	387472	23.003	2.603 #
39)	L8 AR-1262-4	9.145	8.005	5961664	6523329	15.753	22.886 #
40)	L8 AR-1262-5	9.853	8.525	4705745	2859480	19.147	24.193 #
41)	L9 AR-1268-1	9.067	7.963	11010298	387472	6.944	0.484 #
42)	L9 AR-1268-2	9.145	8.005	5961664	6523329	4.102	8.987 #
43)	L9 AR-1268-3	9.404	8.252	3913314	1611782	3.036	2.562
44)	L9 AR-1268-4	9.853	8.525	4705745	2859480	9.852	12.145
45)	L9 AR-1268-5	10.302	8.846	6564515	2863319	1.524	1.487

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Operator : SM\SJ
Sample : K2068-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF5J8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 02:01:42 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

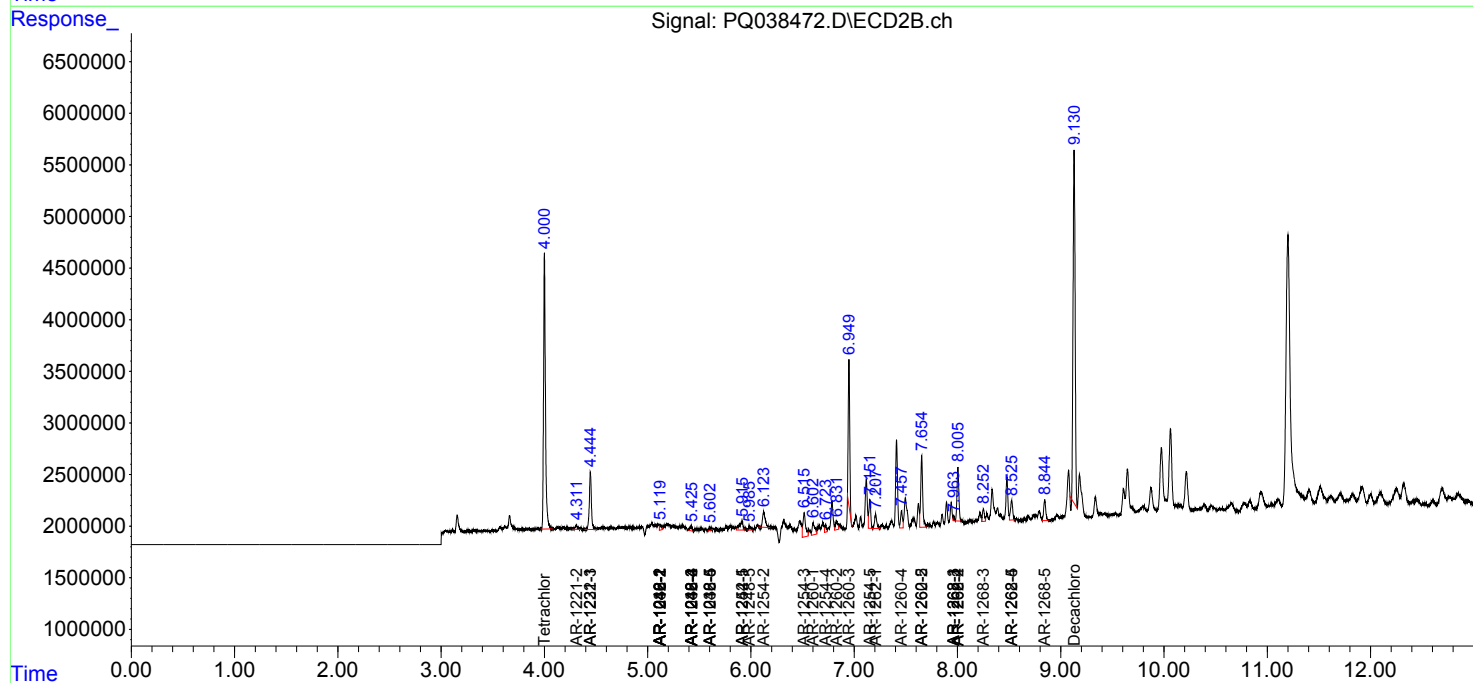
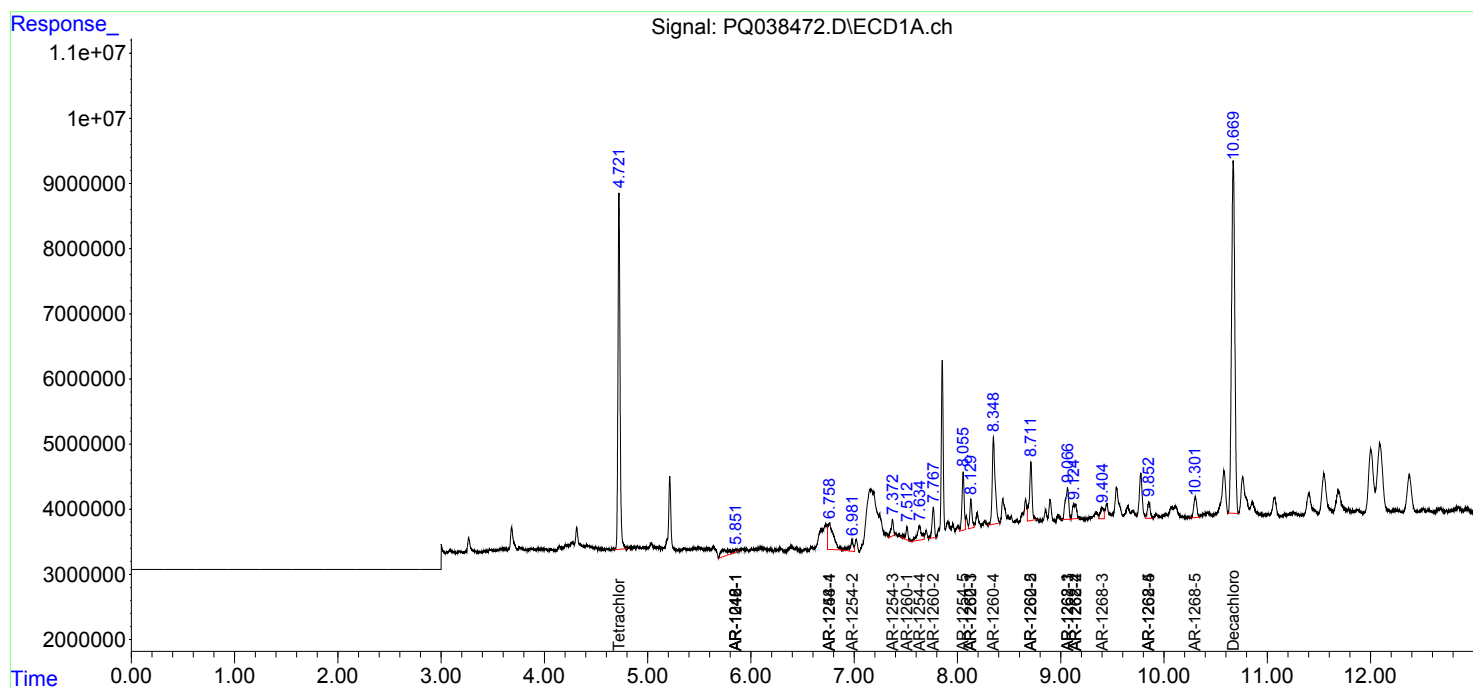
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

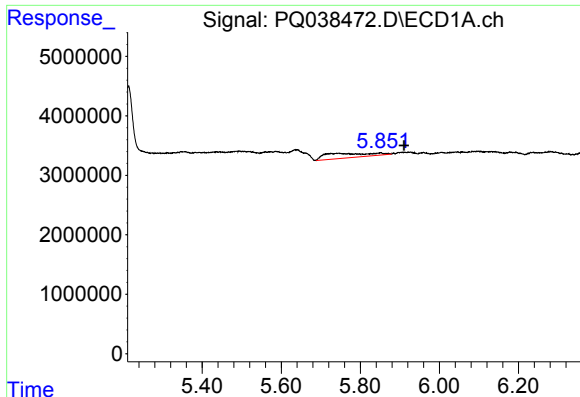
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032719\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2019 00:41
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Instrument :
ECD_Q
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Signal #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

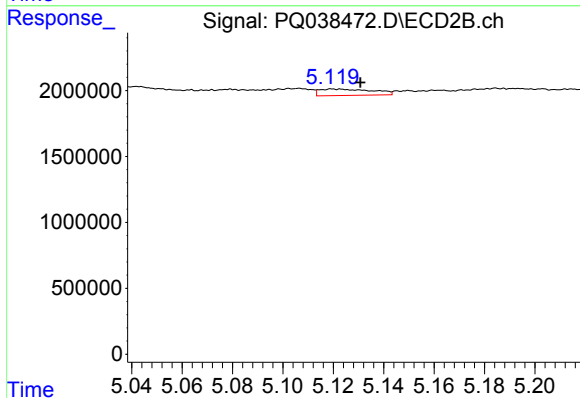




#3 AR-1016-1

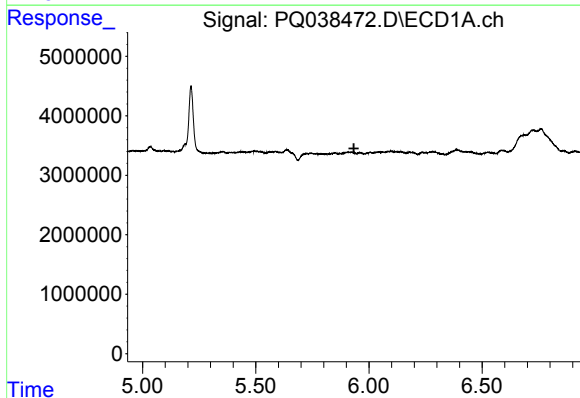
R.T.: 5.852 min
Delta R.T.: -0.058 min
Response: 6217049
Conc: 26.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



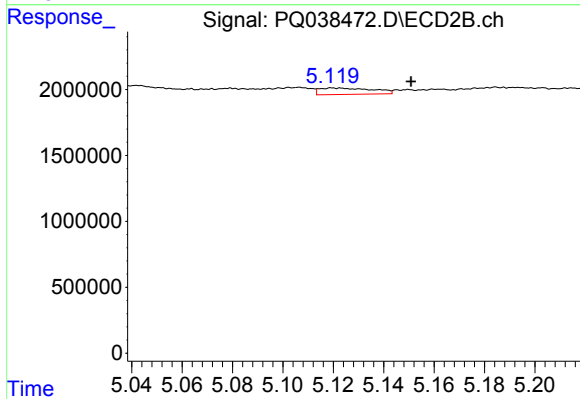
#3 AR-1016-1

R.T.: 5.120 min
Delta R.T.: -0.011 min
Response: 723843
Conc: 6.78 ng/ml



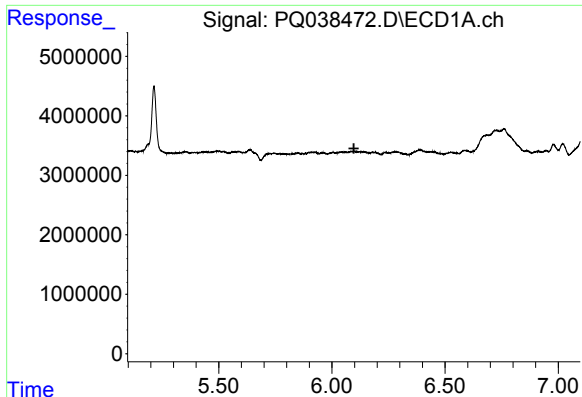
#4 AR-1016-2

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



#4 AR-1016-2

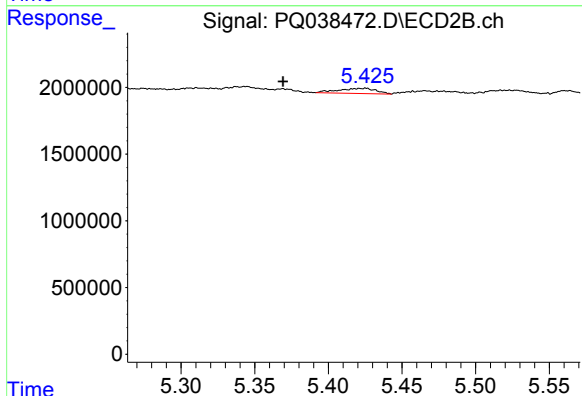
R.T.: 5.120 min
Delta R.T.: -0.031 min
Response: 723843
Conc: 4.67 ng/ml



#6 AR-1016-4

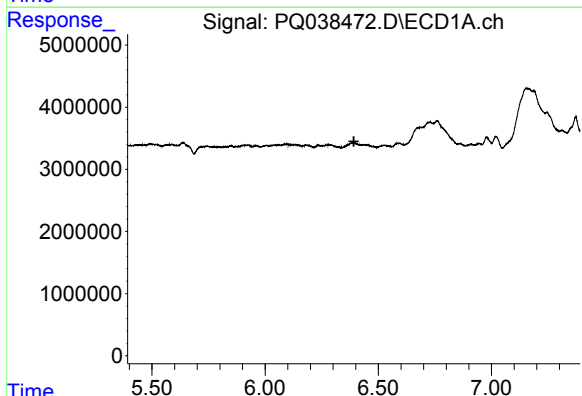
R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5J8



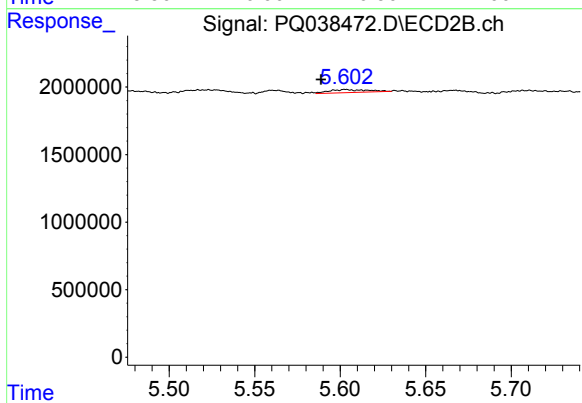
#6 AR-1016-4

R.T.: 5.425 min
Delta R.T.: 0.056 min
Response: 685009
Conc: 10.79 ng/ml



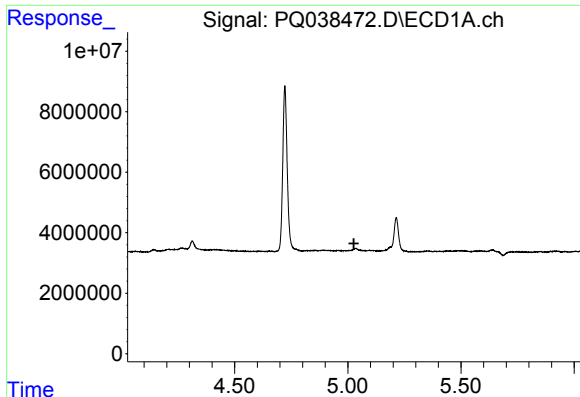
#7 AR-1016-5

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



#7 AR-1016-5

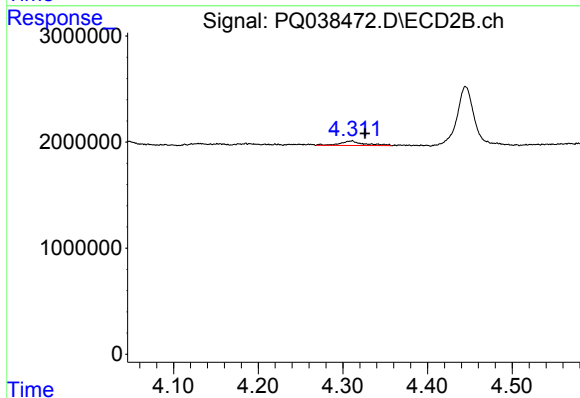
R.T.: 5.603 min
Delta R.T.: 0.014 min
Response: 347993
Conc: 3.97 ng/ml



#9 AR-1221-2

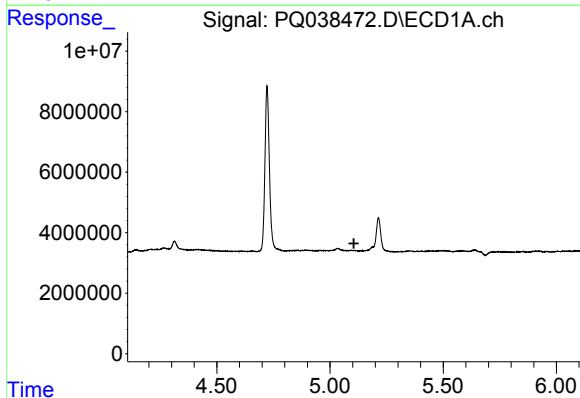
R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5J8



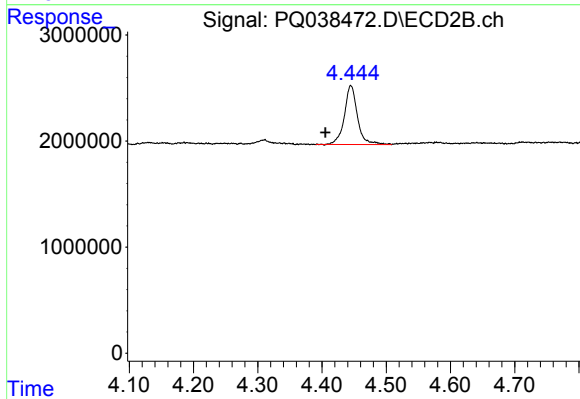
#9 AR-1221-2

R.T.: 4.311 min
Delta R.T.: -0.015 min
Response: 845660
Conc: 50.80 ng/ml



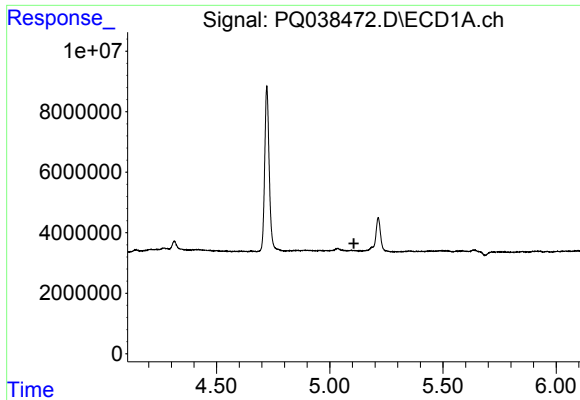
#10 AR-1221-3

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



#10 AR-1221-3

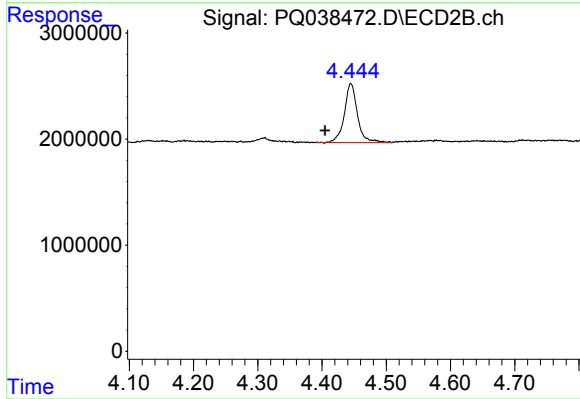
R.T.: 4.445 min
Delta R.T.: 0.040 min
Response: 7869817
Conc: 138.34 ng/ml



#11 AR-1232-1

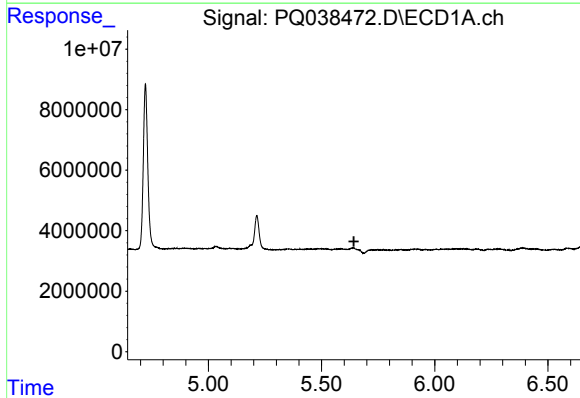
R.T.: 0.000 min
Exp R.T. : 5.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5J8



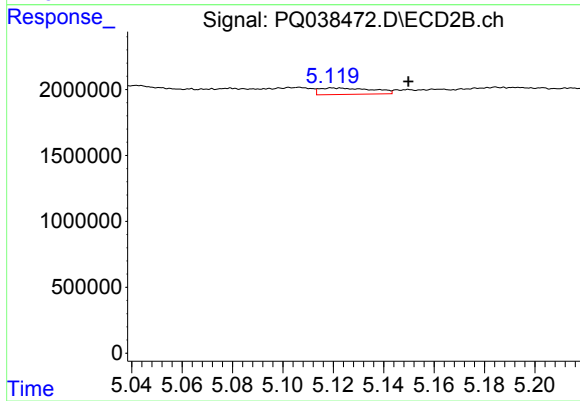
#11 AR-1232-1

R.T.: 4.445 min
Delta R.T.: 0.040 min
Response: 7869817
Conc: 192.49 ng/ml



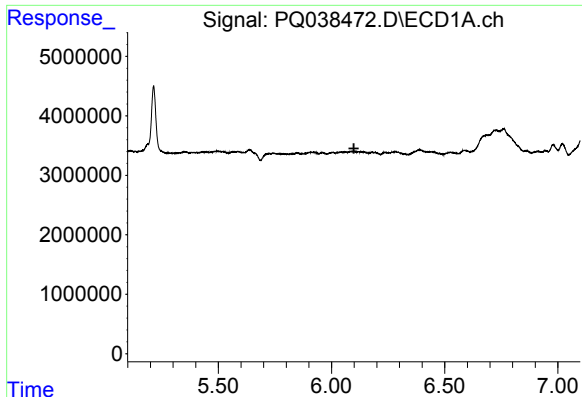
#12 AR-1232-2

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



#12 AR-1232-2

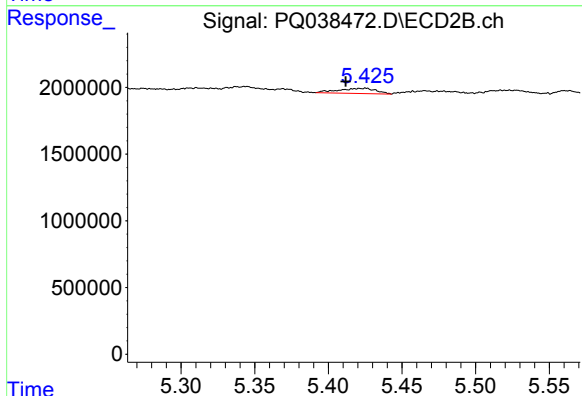
R.T.: 5.120 min
Delta R.T.: -0.030 min
Response: 723843
Conc: 16.22 ng/ml



#14 AR-1232-4

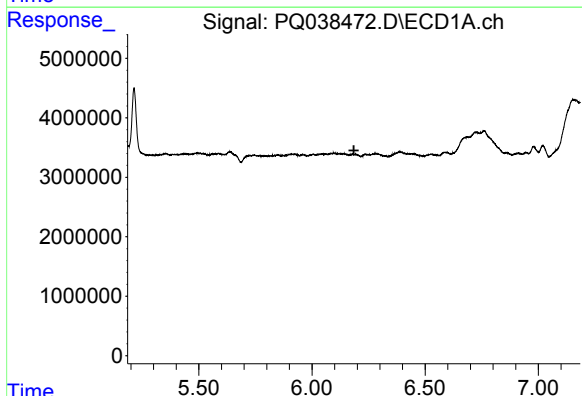
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5J8



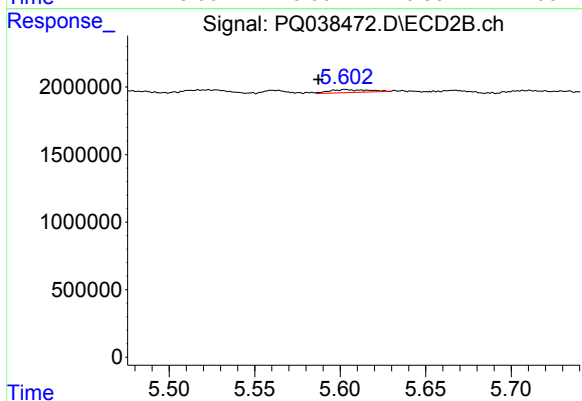
#14 AR-1232-4

R.T.: 5.425 min
Delta R.T.: 0.013 min
Response: 685009
Conc: 30.33 ng/ml



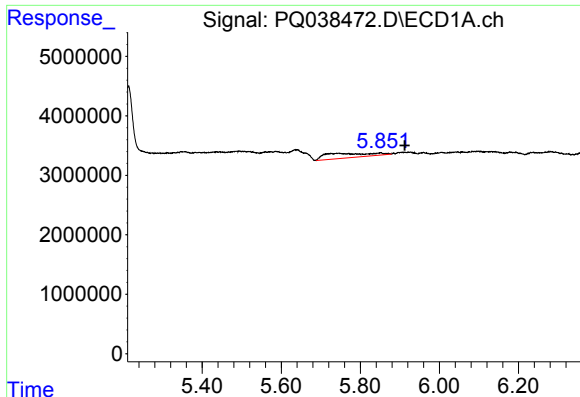
#15 AR-1232-5

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



#15 AR-1232-5

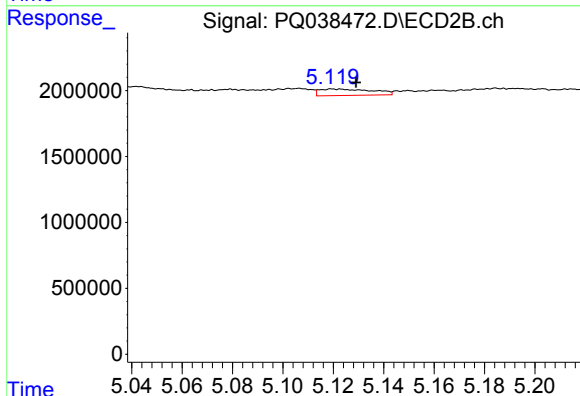
R.T.: 5.603 min
Delta R.T.: 0.016 min
Response: 347993
Conc: 14.38 ng/ml



#16 AR-1242-1

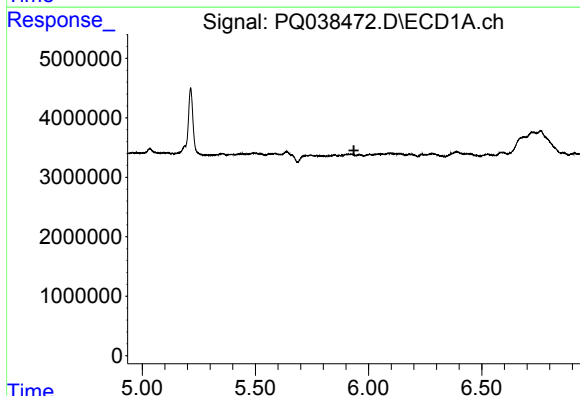
R.T.: 5.852 min
Delta R.T.: -0.060 min
Response: 6217049
Conc: 40.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



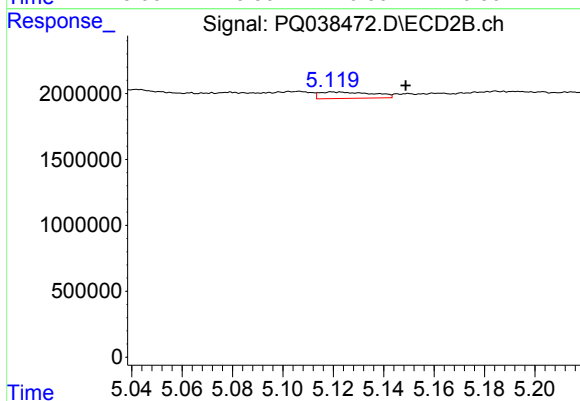
#16 AR-1242-1

R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 723843
Conc: 10.28 ng/ml



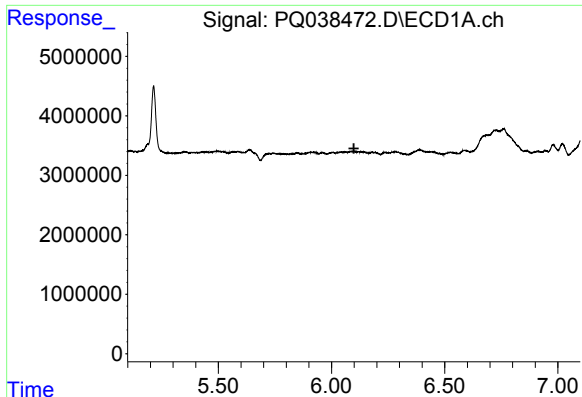
#17 AR-1242-2

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



#17 AR-1242-2

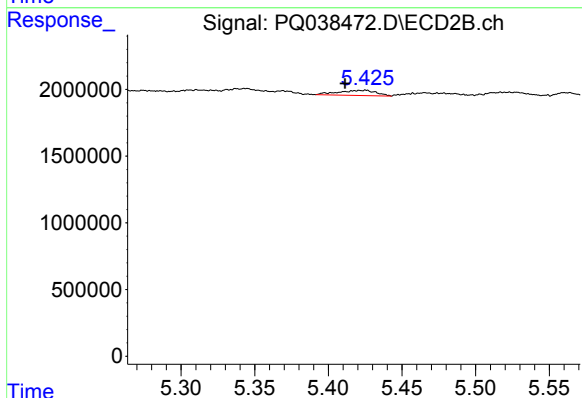
R.T.: 5.120 min
Delta R.T.: -0.029 min
Response: 723843
Conc: 7.18 ng/ml



#19 AR-1242-4

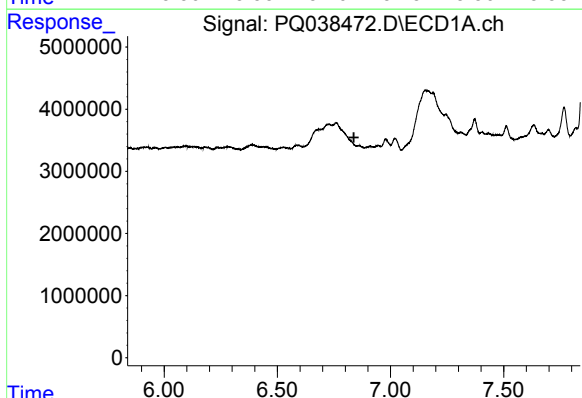
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5J8



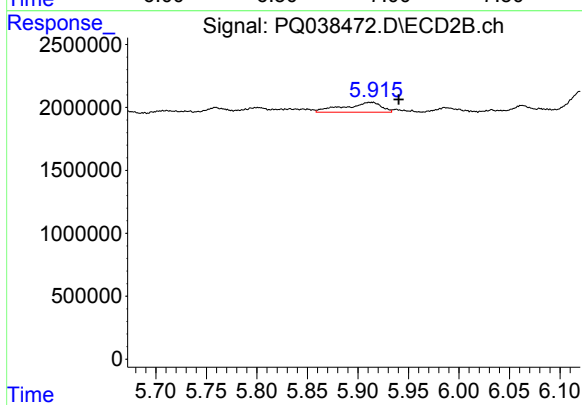
#19 AR-1242-4

R.T.: 5.425 min
Delta R.T.: 0.014 min
Response: 685009
Conc: 12.62 ng/ml



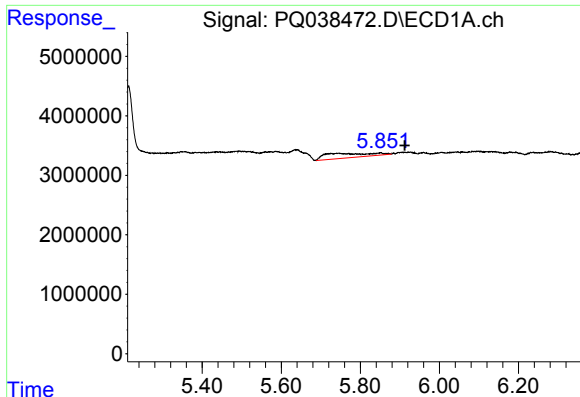
#20 AR-1242-5

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



#20 AR-1242-5

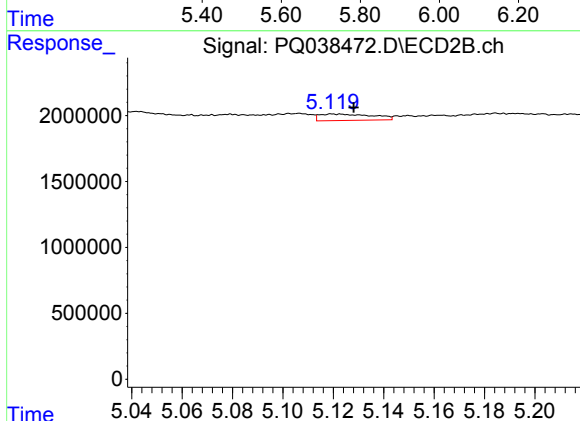
R.T.: 5.913 min
Delta R.T.: -0.027 min
Response: 2023129
Conc: 27.52 ng/ml



#21 AR-1248-1

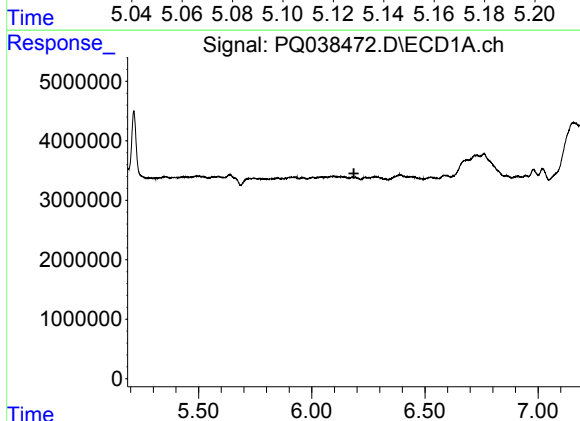
R.T.: 5.852 min
Delta R.T.: -0.060 min
Response: 6217049
Conc: 57.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



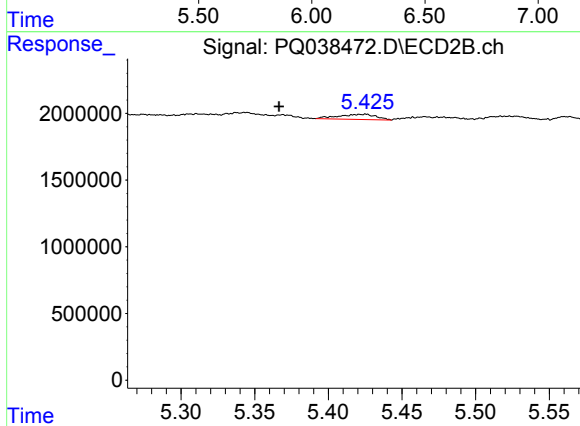
#21 AR-1248-1

R.T.: 5.120 min
Delta R.T.: -0.008 min
Response: 723843
Conc: 14.42 ng/ml



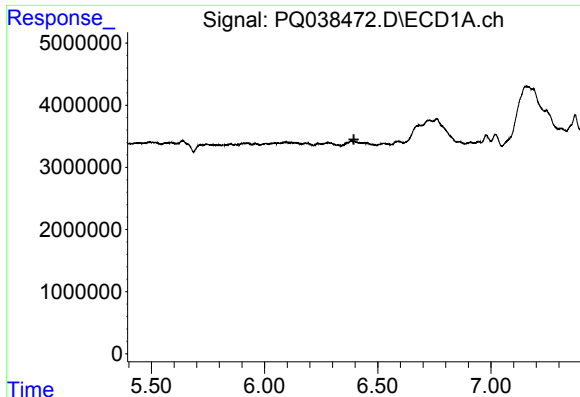
#22 AR-1248-2

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



#22 AR-1248-2

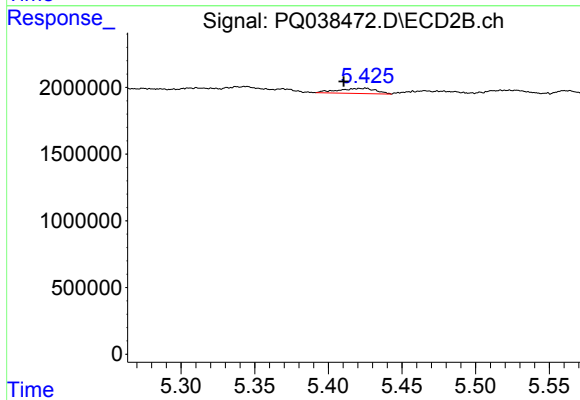
R.T.: 5.425 min
Delta R.T.: 0.059 min
Response: 685009
Conc: 9.61 ng/ml



#23 AR-1248-3

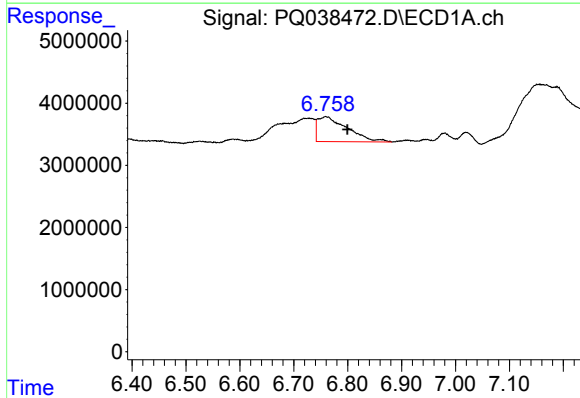
R.T.: 0.000 min
Exp R.T.: 6.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5J8



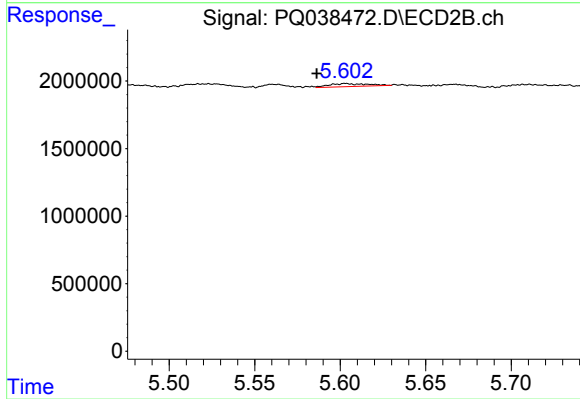
#23 AR-1248-3

R.T.: 5.425 min
Delta R.T.: 0.015 min
Response: 685009
Conc: 9.35 ng/ml



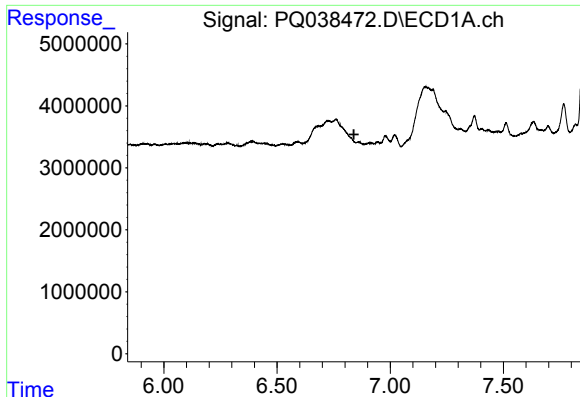
#24 AR-1248-4

R.T.: 6.759 min
Delta R.T.: -0.040 min
Response: 15373799
Conc: 73.33 ng/ml



#24 AR-1248-4

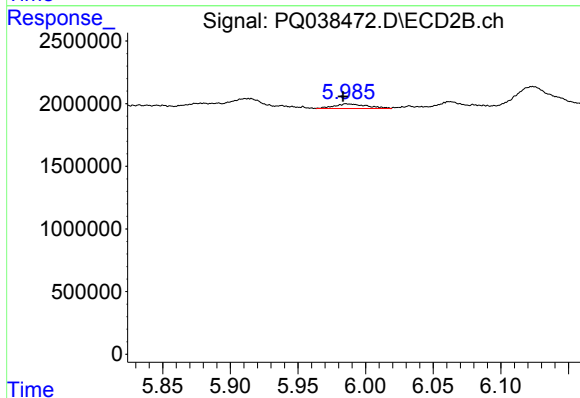
R.T.: 5.603 min
Delta R.T.: 0.017 min
Response: 347993
Conc: 3.85 ng/ml



#25 AR-1248-5

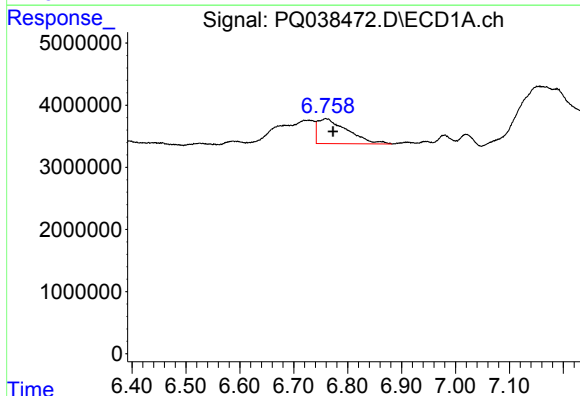
R.T.: 0.000 min
Exp R.T.: 6.840 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5J8



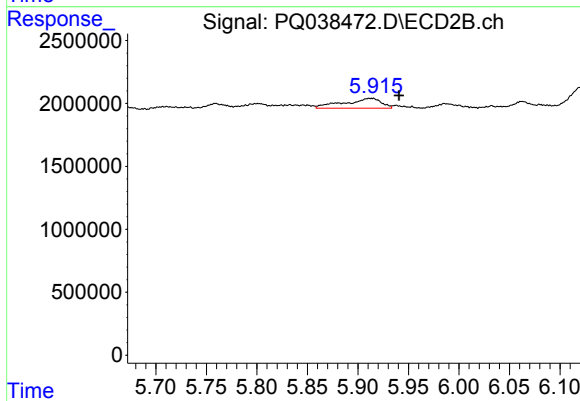
#25 AR-1248-5

R.T.: 5.986 min
Delta R.T.: 0.003 min
Response: 604191
Conc: 6.73 ng/ml



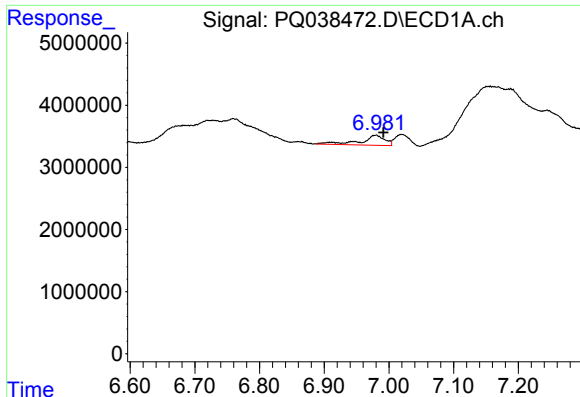
#26 AR-1254-1

R.T.: 6.759 min
Delta R.T.: -0.014 min
Response: 15373799
Conc: 64.02 ng/ml



#26 AR-1254-1

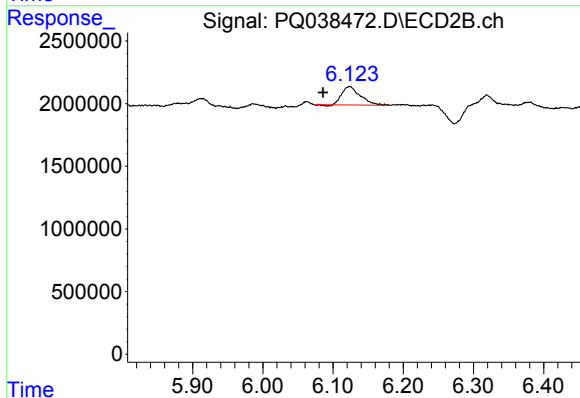
R.T.: 5.913 min
Delta R.T.: -0.027 min
Response: 2023129
Conc: 12.58 ng/ml



#27 AR-1254-2

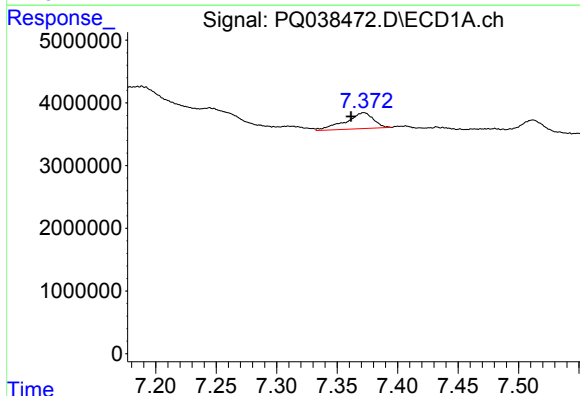
R.T.: 6.980 min
Delta R.T.: -0.011 min
Response: 4270958
Conc: 11.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



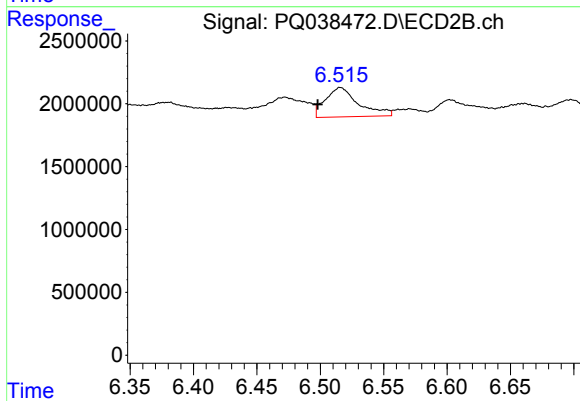
#27 AR-1254-2

R.T.: 6.124 min
Delta R.T.: 0.038 min
Response: 2685113
Conc: 19.22 ng/ml



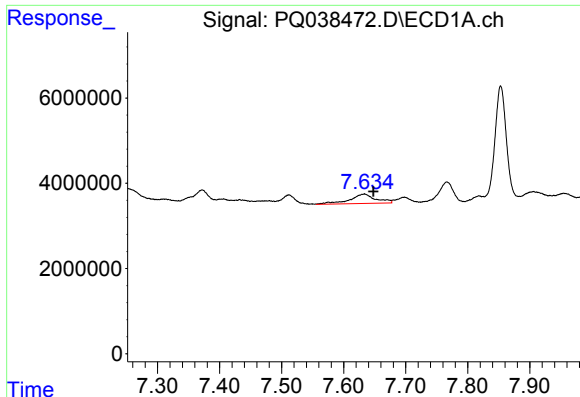
#28 AR-1254-3

R.T.: 7.372 min
Delta R.T.: 0.011 min
Response: 4088469
Conc: 10.07 ng/ml



#28 AR-1254-3

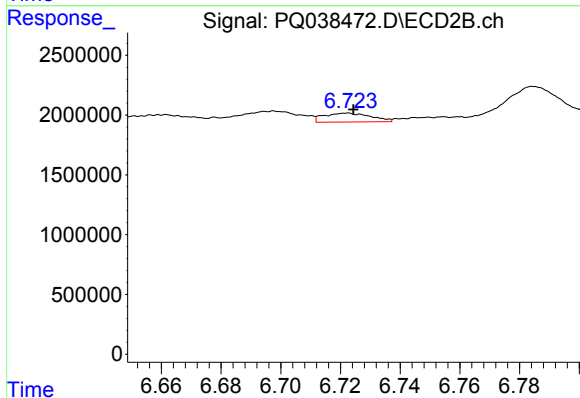
R.T.: 6.516 min
Delta R.T.: 0.018 min
Response: 4295999
Conc: 17.87 ng/ml



#29 AR-1254-4

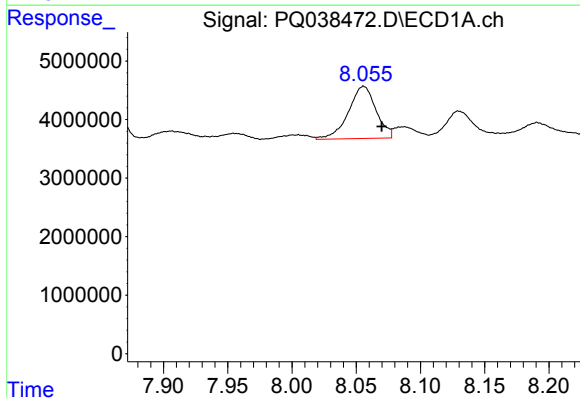
R.T.: 7.634 min
Delta R.T.: -0.014 min
Response: 6437028
Conc: 22.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



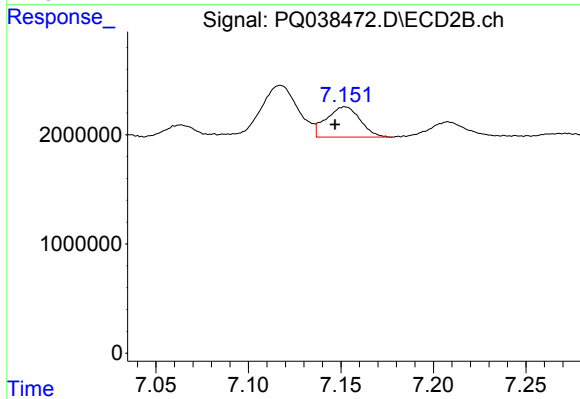
#29 AR-1254-4

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 811902
Conc: 5.24 ng/ml



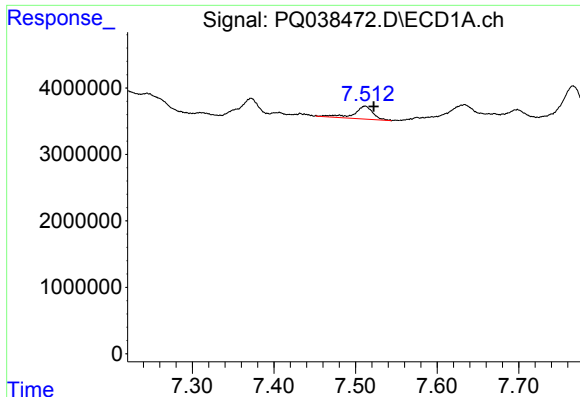
#30 AR-1254-5

R.T.: 8.056 min
Delta R.T.: -0.014 min
Response: 13323560
Conc: 41.28 ng/ml



#30 AR-1254-5

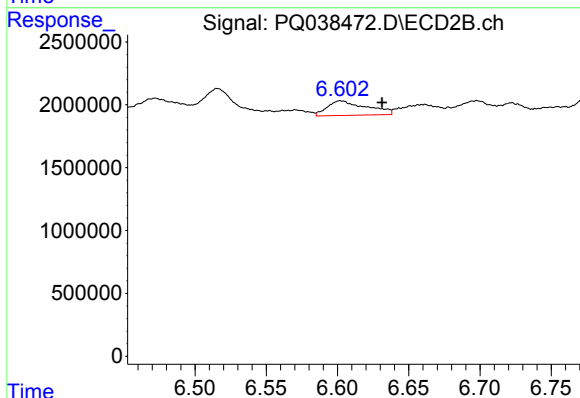
R.T.: 7.152 min
Delta R.T.: 0.005 min
Response: 3526623
Conc: 17.40 ng/ml



#31 AR-1260-1

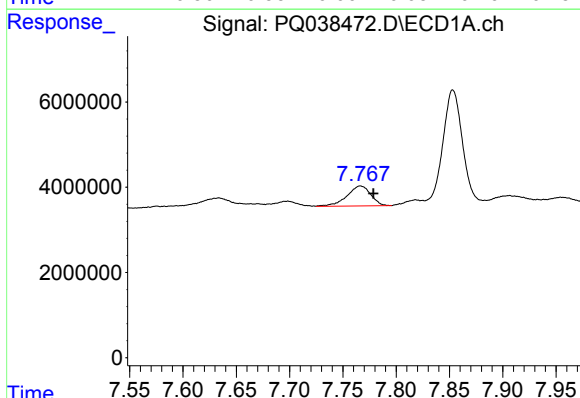
R.T.: 7.512 min
Delta R.T.: -0.011 min
Response: 3161223
Conc: 7.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



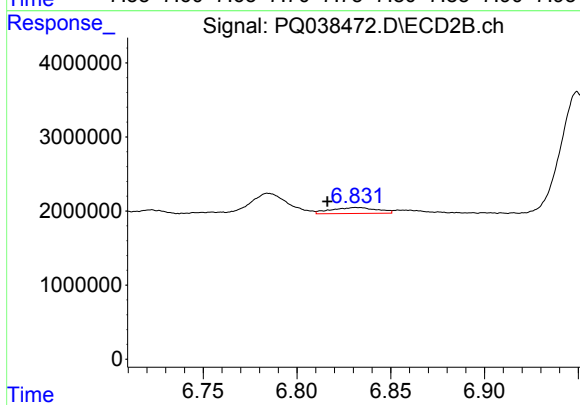
#31 AR-1260-1

R.T.: 6.602 min
Delta R.T.: -0.029 min
Response: 2239737
Conc: 10.95 ng/ml



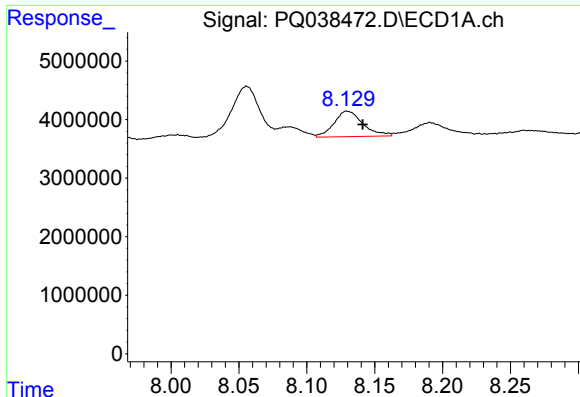
#32 AR-1260-2

R.T.: 7.767 min
Delta R.T.: -0.012 min
Response: 7281096
Conc: 14.18 ng/ml



#32 AR-1260-2

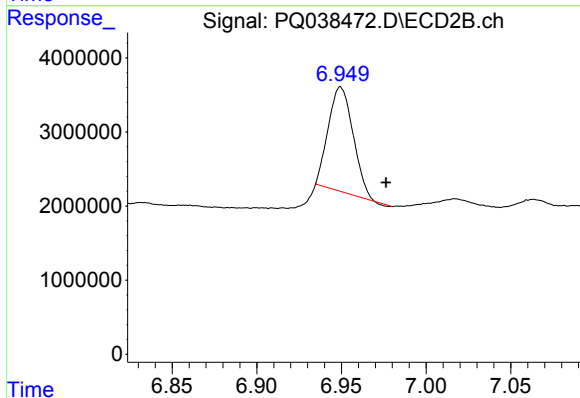
R.T.: 6.832 min
Delta R.T.: 0.016 min
Response: 1386770
Conc: 5.41 ng/ml



#33 AR-1260-3

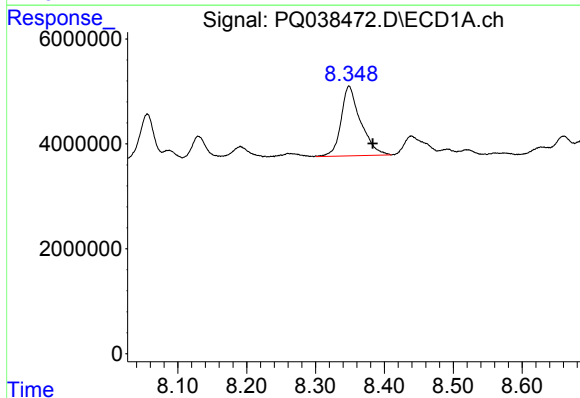
R.T.: 8.130 min
Delta R.T.: -0.011 min
Response: 6440043
Conc: 16.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



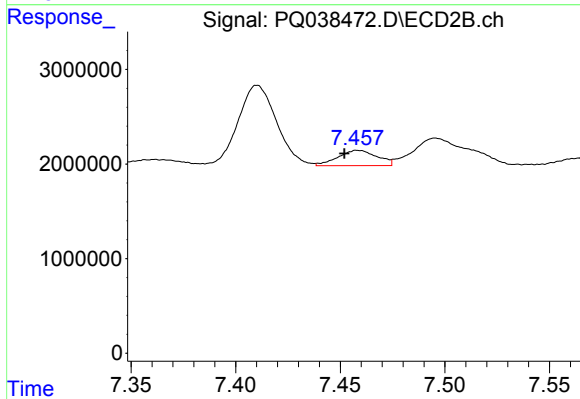
#33 AR-1260-3

R.T.: 6.949 min
Delta R.T.: -0.027 min
Response: 14363212
Conc: 60.04 ng/ml



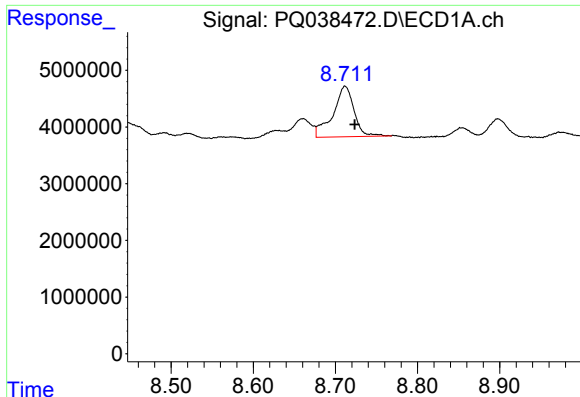
#34 AR-1260-4

R.T.: 8.349 min
Delta R.T.: -0.034 min
Response: 26213869
Conc: 57.47 ng/ml



#34 AR-1260-4

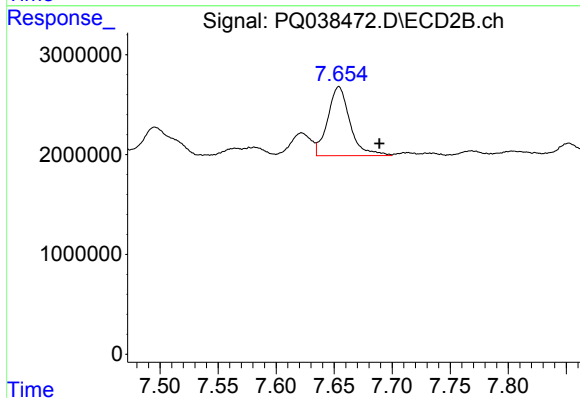
R.T.: 7.459 min
Delta R.T.: 0.007 min
Response: 2119903
Conc: 10.71 ng/ml



#35 AR-1260-5

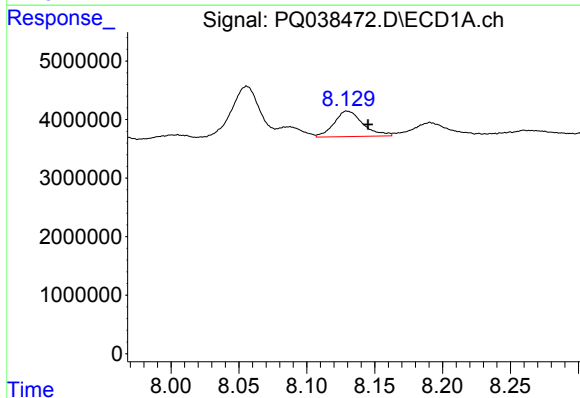
R.T.: 8.712 min
Delta R.T.: -0.012 min
Response: 15981466
Conc: 16.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



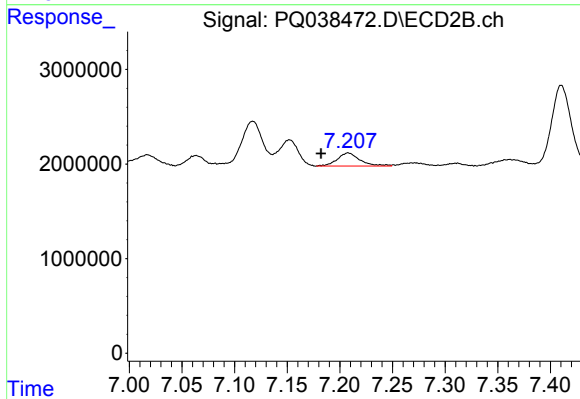
#35 AR-1260-5

R.T.: 7.654 min
Delta R.T.: -0.035 min
Response: 9235375
Conc: 18.78 ng/ml



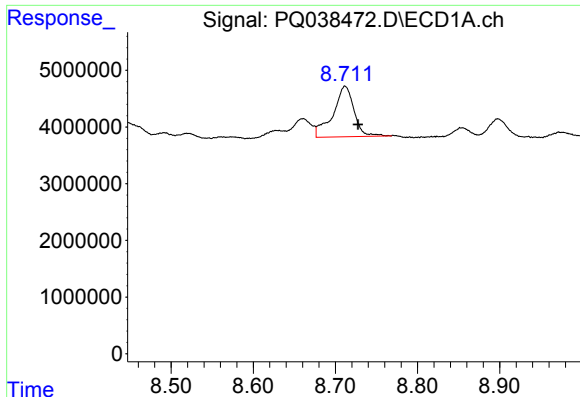
#36 AR-1262-1

R.T.: 8.130 min
Delta R.T.: -0.015 min
Response: 6440043
Conc: 16.25 ng/ml



#36 AR-1262-1

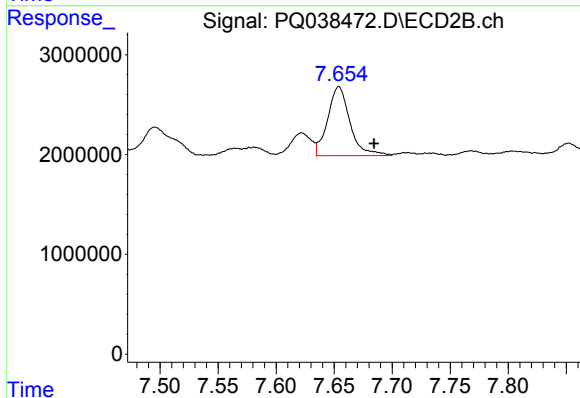
R.T.: 7.208 min
Delta R.T.: 0.026 min
Response: 2100789
Conc: 9.76 ng/ml



#37 AR-1262-2

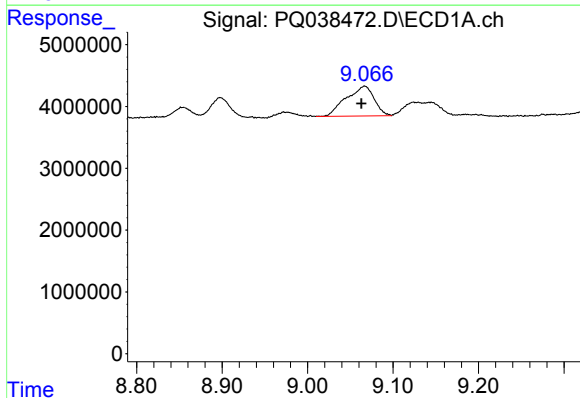
R.T.: 8.712 min
Delta R.T.: -0.016 min
Response: 15981466
Conc: 22.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



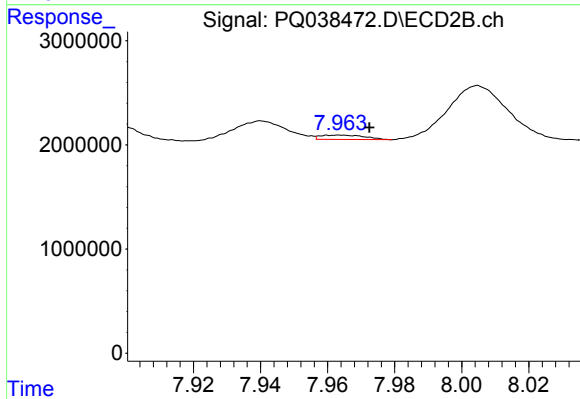
#37 AR-1262-2

R.T.: 7.654 min
Delta R.T.: -0.030 min
Response: 9235375
Conc: 23.71 ng/ml



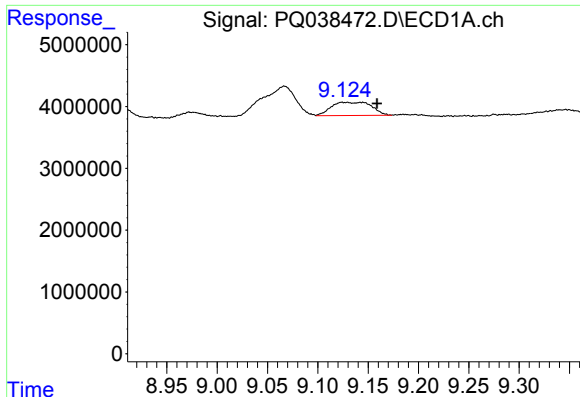
#38 AR-1262-3

R.T.: 9.067 min
Delta R.T.: 0.004 min
Response: 11010298
Conc: 23.00 ng/ml



#38 AR-1262-3

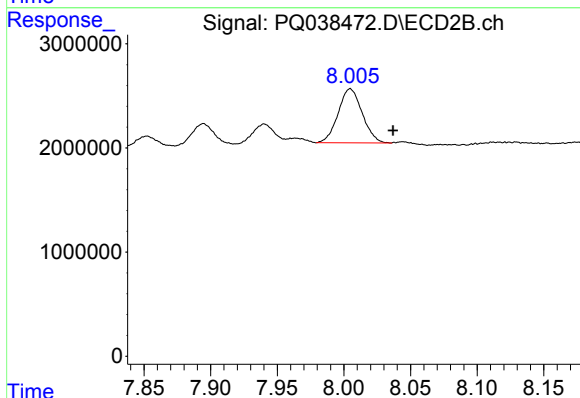
R.T.: 7.963 min
Delta R.T.: -0.009 min
Response: 387472
Conc: 2.60 ng/ml



#39 AR-1262-4

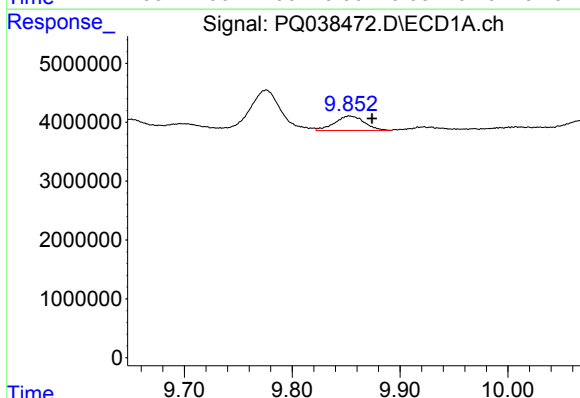
R.T.: 9.145 min
Delta R.T.: -0.014 min
Response: 5961664
Conc: 15.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



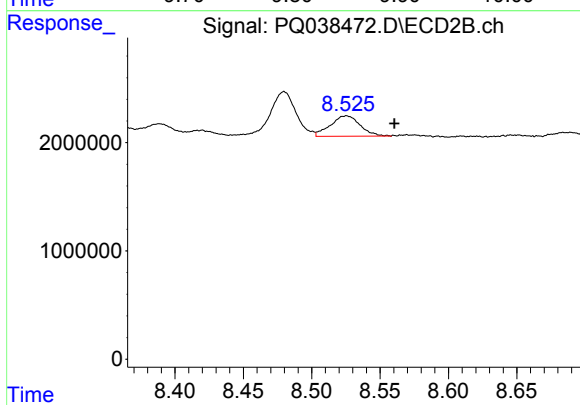
#39 AR-1262-4

R.T.: 8.005 min
Delta R.T.: -0.032 min
Response: 6523329
Conc: 22.89 ng/ml



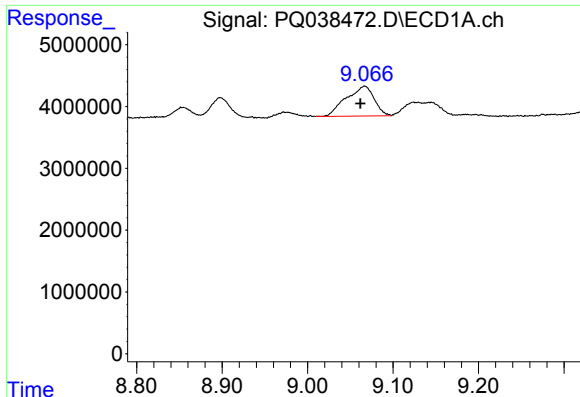
#40 AR-1262-5

R.T.: 9.853 min
Delta R.T.: -0.021 min
Response: 4705745
Conc: 19.15 ng/ml



#40 AR-1262-5

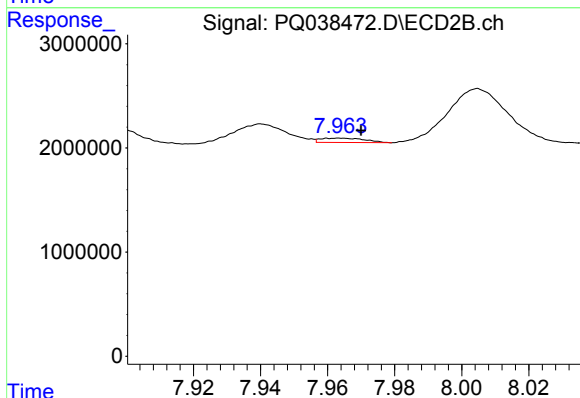
R.T.: 8.525 min
Delta R.T.: -0.035 min
Response: 2859480
Conc: 24.19 ng/ml



#41 AR-1268-1

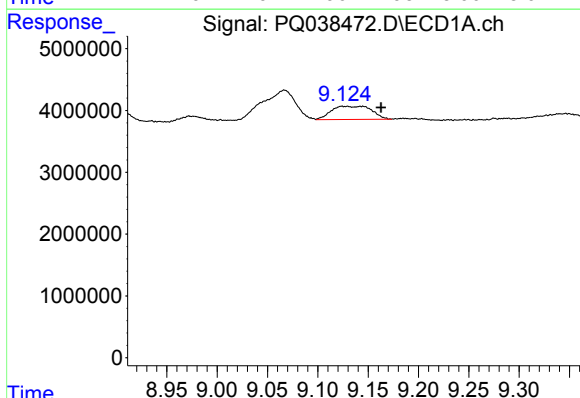
R.T.: 9.067 min
Delta R.T.: 0.005 min
Response: 11010298
Conc: 6.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



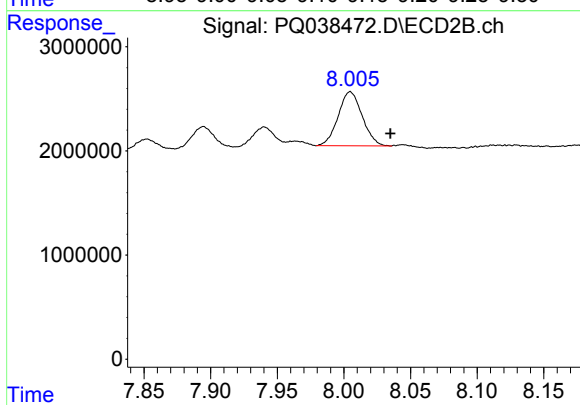
#41 AR-1268-1

R.T.: 7.963 min
Delta R.T.: -0.006 min
Response: 387472
Conc: 0.48 ng/ml



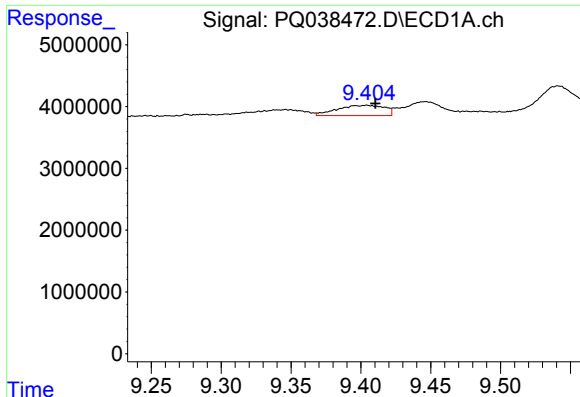
#42 AR-1268-2

R.T.: 9.145 min
Delta R.T.: -0.018 min
Response: 5961664
Conc: 4.10 ng/ml



#42 AR-1268-2

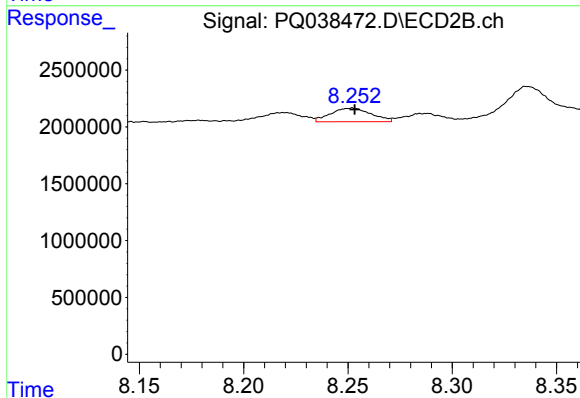
R.T.: 8.005 min
Delta R.T.: -0.030 min
Response: 6523329
Conc: 8.99 ng/ml



#43 AR-1268-3

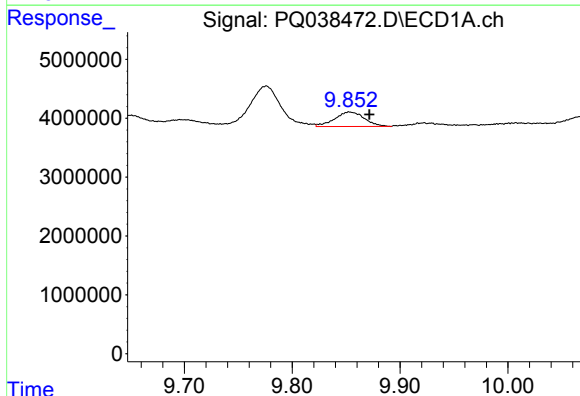
R.T.: 9.404 min
Delta R.T.: -0.006 min
Response: 3913314
Conc: 3.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



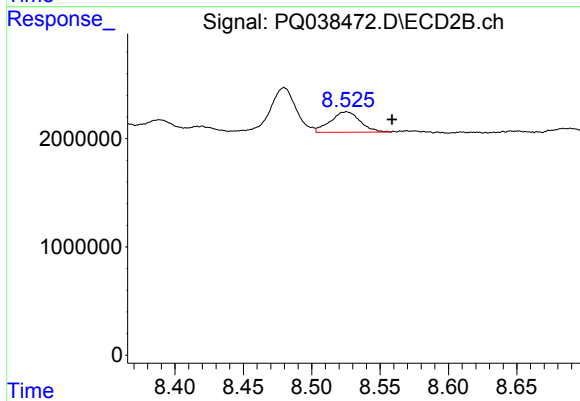
#43 AR-1268-3

R.T.: 8.252 min
Delta R.T.: -0.001 min
Response: 1611782
Conc: 2.56 ng/ml



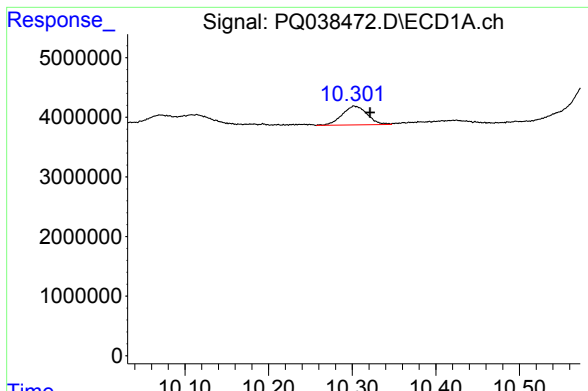
#44 AR-1268-4

R.T.: 9.853 min
Delta R.T.: -0.018 min
Response: 4705745
Conc: 9.85 ng/ml



#44 AR-1268-4

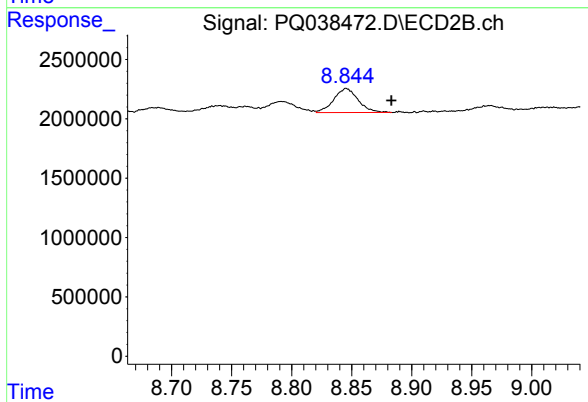
R.T.: 8.525 min
Delta R.T.: -0.034 min
Response: 2859480
Conc: 12.14 ng/ml



#45 AR-1268-5

R.T.: 10.302 min
Delta R.T.: -0.019 min
Response: 6564515
Conc: 1.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5J8



#45 AR-1268-5

R.T.: 8.846 min
Delta R.T.: -0.038 min
Response: 2863319
Conc: 1.49 ng/ml