

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 13:32
 Operator : SM\AJ
 Sample : K3101-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMZ4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:27:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.585	4.727	55078182	41667335	16.813	19.400
2)	SA Decachlor...	11.883	10.445	254.9E6	157.2E6	35.685	37.815
Target Compounds							
3)	L1 AR-1016-1	0.000	6.118	0	83741	N.D.	0.653 #
4)	L1 AR-1016-2	7.128	6.250	564552	295237	2.147	1.530 #
5)	L1 AR-1016-3	7.128	6.417	564552	956950	3.308	8.873 #
6)	L1 AR-1016-4	0.000	6.504	0	325461	N.D.	3.822 #
7)	L1 AR-1016-5	0.000	6.740	0	89253	N.D.	0.775 #
8)	L2 AR-1221-1	0.000	5.074	0	921996	N.D.	37.622 #
9)	L2 AR-1221-2	5.978	5.144	801084	1199020	36.360	73.615 #
10)	L2 AR-1221-3	6.092	5.250	681138	767391	7.710	12.620 #
11)	L3 AR-1232-1	6.092	5.250	681138	767391	10.517	16.747 #
12)	L3 AR-1232-2	6.685	6.250	728827	295237	18.383	4.922 #
13)	L3 AR-1232-3	7.128	6.417	564552	956950	6.986	27.211 #
14)	L3 AR-1232-4	0.000	6.540	0	481790	N.D.	16.305 #
15)	L3 AR-1232-5	0.000	6.740	0	89253	N.D.	2.965 #
16)	L4 AR-1242-1	0.000	6.118	0	83741	N.D.	1.132 #
17)	L4 AR-1242-2	7.128	6.250	564552	295237	3.906	2.773 #
18)	L4 AR-1242-3	7.128	6.417	564552	956950	6.065	15.863 #
19)	L4 AR-1242-4	0.000	6.540	0	481790	N.D.	8.084 #
20)	L4 AR-1242-5	8.071	7.145	691644	380627	7.978	4.723 #
21)	L5 AR-1248-1	7.128	6.250	564552	295237	7.294	5.124 #
22)	L5 AR-1248-2	0.000	6.504	0	325461	N.D.	3.702 #
23)	L5 AR-1248-3	0.000	6.540	0	481790	N.D.	5.325 #
24)	L5 AR-1248-4	8.071	6.740	691644	89253	4.581	0.808 #
25)	L5 AR-1248-5	8.071	7.169	691644	563312	4.594	4.962
26)	L6 AR-1254-1	8.026	7.145	931848	380627	5.343	1.987 #
27)	L6 AR-1254-2	8.233	7.317	1605026	1225332	5.804	7.053
28)	L6 AR-1254-3	8.644	7.753	2929695	2560325	9.871	8.860
29)	L6 AR-1254-4	0.000	7.983	0	1310100	N.D.	7.338 #
30)	L6 AR-1254-5	9.379	8.457	1810684	1126752	6.287	4.374 #
31)	L7 AR-1260-1	0.000	7.883	0	4090905	N.D.	14.923 #
32)	L7 AR-1260-2	9.064	8.081	3262611	1551951	8.076	4.486 #
33)	L7 AR-1260-3	0.000	8.243	0	411887	N.D.	1.284 #
34)	L7 AR-1260-4	0.000	8.732	0	1036628	N.D.	3.815 #
35)	L7 AR-1260-5	0.000	8.994	0	1441896	N.D.	2.145 #
36)	L8 AR-1262-1	0.000	8.518	0	257602	N.D.	2.269 #
37)	L8 AR-1262-2	0.000	8.994	0	1441896	N.D.	2.906 #
38)	L8 AR-1262-3	10.335	9.282	4021552	3084609	9.511	14.671 #
39)	L8 AR-1262-4	10.434	9.351	1961193	1716607	5.193	4.534
40)	L8 AR-1262-5	0.000	9.872	0	2444805	N.D.	15.079 #
41)	L9 AR-1268-1	10.335	9.282	4021552	3084609	6.676	6.759

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 Acq On : 31 May 2019 13:32
 Operator : SM\AJ
 Sample : K3101-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

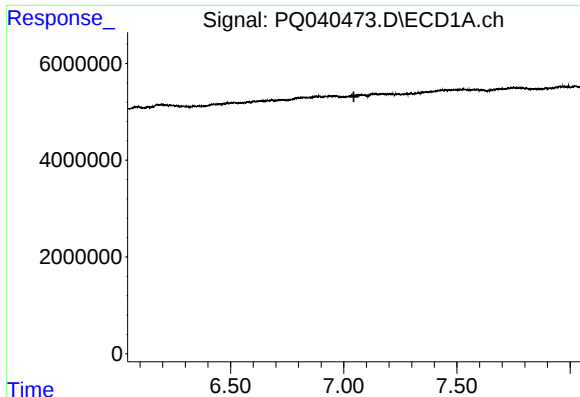
Instrument :
 ECD_Q
 ClientSampleId :
 ETMZ4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:27:59 2019
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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
42) L9	AR-1268-2	10.434	9.351	1961193	1716607	3.187	3.926
43) L9	AR-1268-3	0.000	9.558	0	9774162	N.D.	26.036 #
44) L9	AR-1268-4	0.000	9.872	0	2444805	N.D.	17.744 #
45) L9	AR-1268-5	11.613	10.180	1612363	31484057	0.873	26.677 #

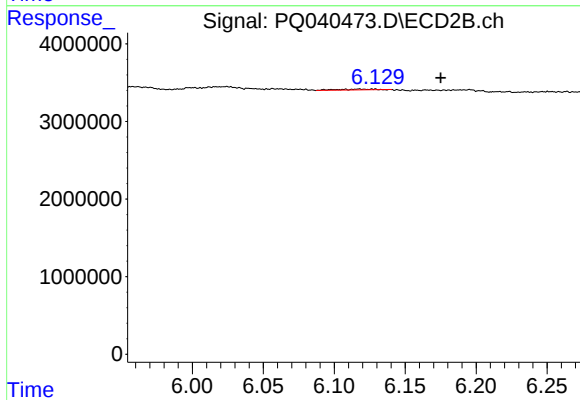
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

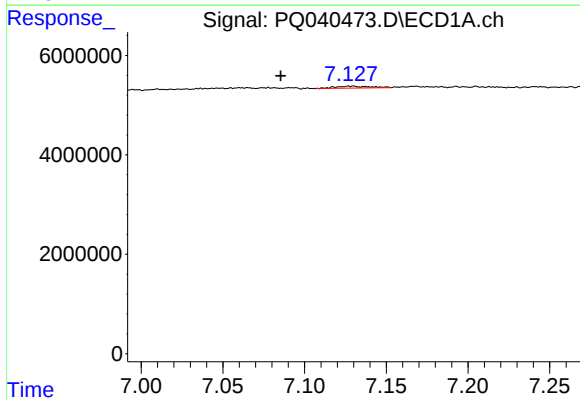
R.T.: 0.000 min
Exp R.T.: 7.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



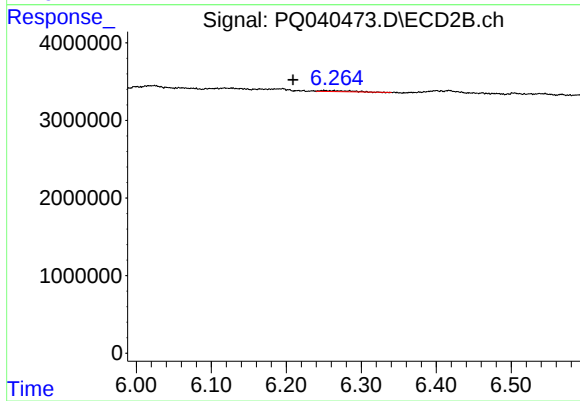
#3 AR-1016-1

R.T.: 6.118 min
Delta R.T.: -0.057 min
Response: 83741
Conc: 0.65 ng/ml



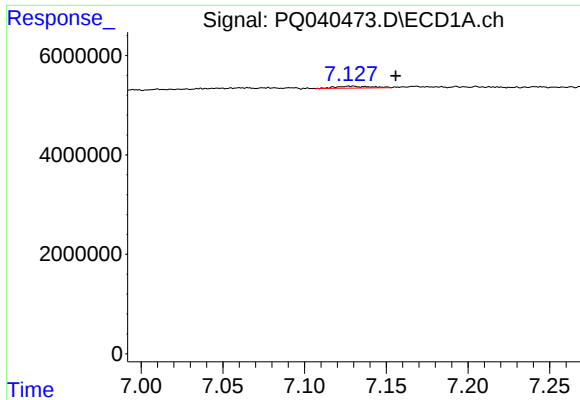
#4 AR-1016-2

R.T.: 7.128 min
Delta R.T.: 0.042 min
Response: 564552
Conc: 2.15 ng/ml



#4 AR-1016-2

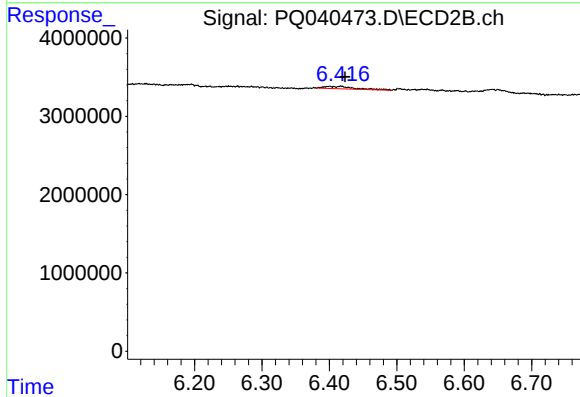
R.T.: 6.250 min
Delta R.T.: 0.041 min
Response: 295237
Conc: 1.53 ng/ml



#5 AR-1016-3

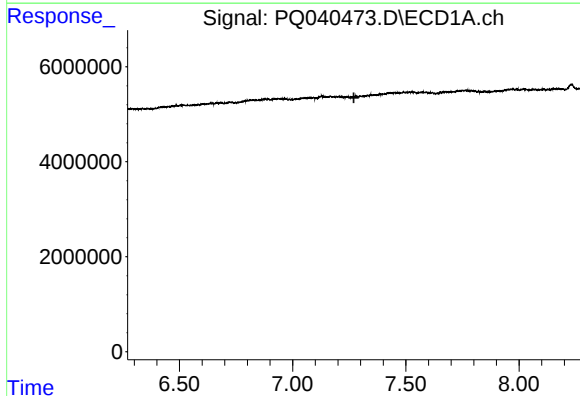
R.T.: 7.128 min
Delta R.T.: -0.028 min
Response: 564552
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



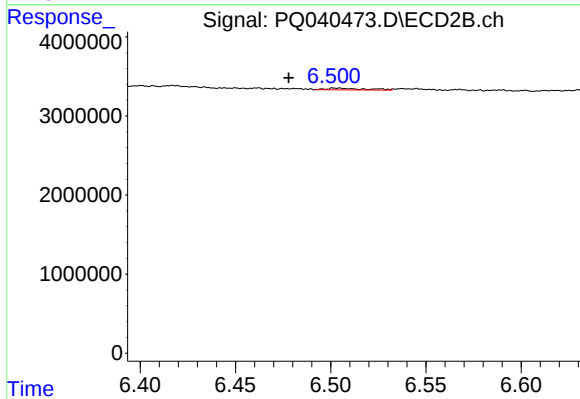
#5 AR-1016-3

R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 956950
Conc: 8.87 ng/ml



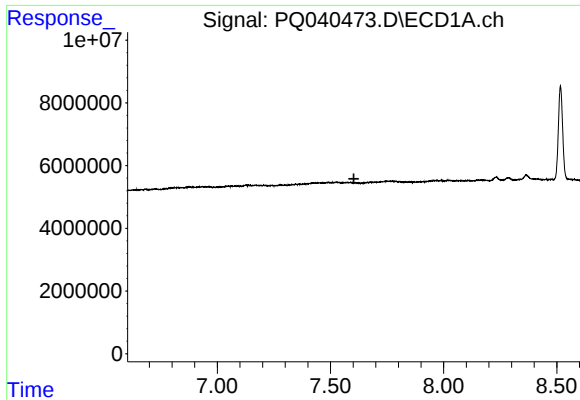
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

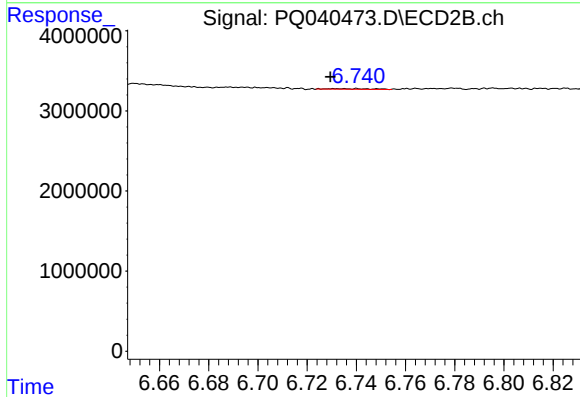
R.T.: 6.504 min
Delta R.T.: 0.026 min
Response: 325461
Conc: 3.82 ng/ml



#7 AR-1016-5

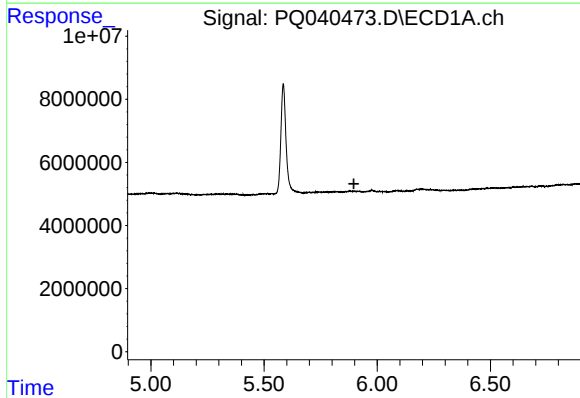
R.T.: 0.000 min
Exp R.T.: 7.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



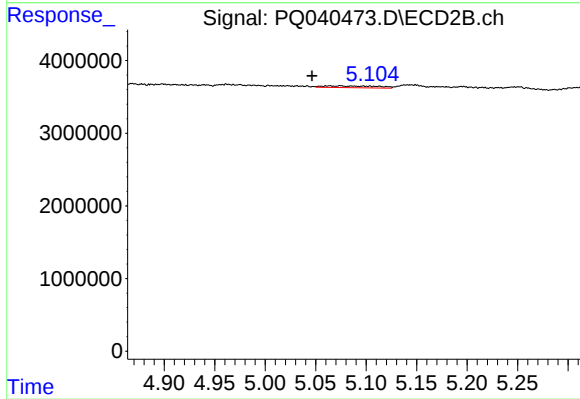
#7 AR-1016-5

R.T.: 6.740 min
Delta R.T.: 0.010 min
Response: 89253
Conc: 0.78 ng/ml



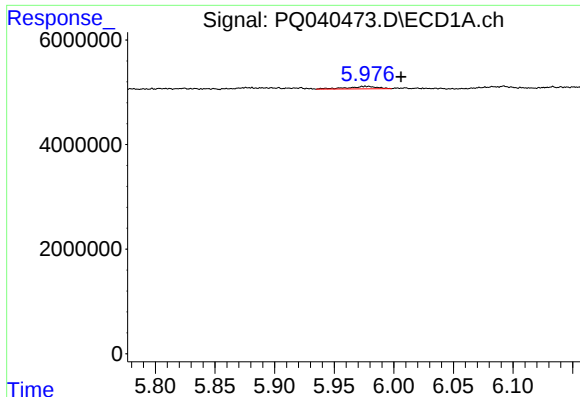
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

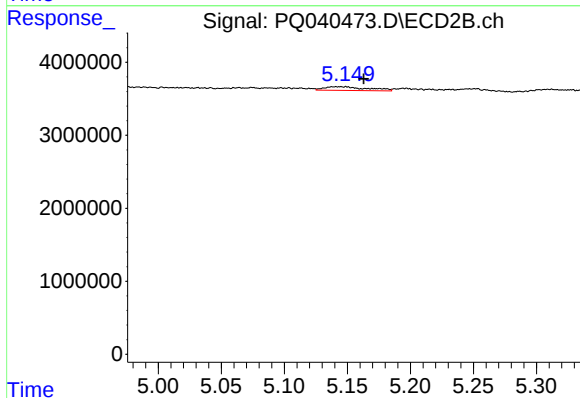
R.T.: 5.074 min
Delta R.T.: 0.028 min
Response: 921996
Conc: 37.62 ng/ml



#9 AR-1221-2

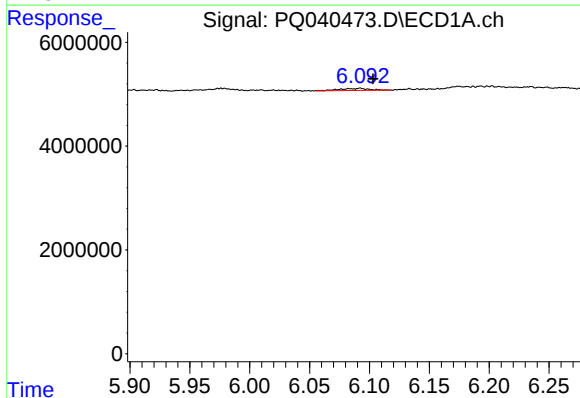
R.T.: 5.978 min
Delta R.T.: -0.028 min
Response: 801084
Conc: 36.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



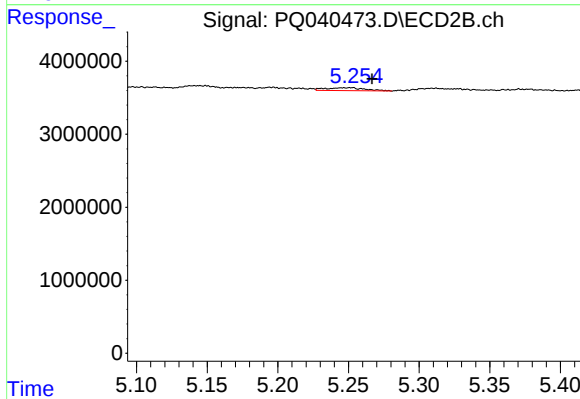
#9 AR-1221-2

R.T.: 5.144 min
Delta R.T.: -0.019 min
Response: 1199020
Conc: 73.61 ng/ml



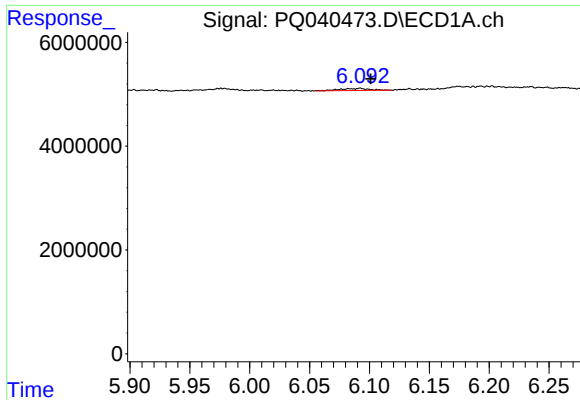
#10 AR-1221-3

R.T.: 6.092 min
Delta R.T.: -0.011 min
Response: 681138
Conc: 7.71 ng/ml



#10 AR-1221-3

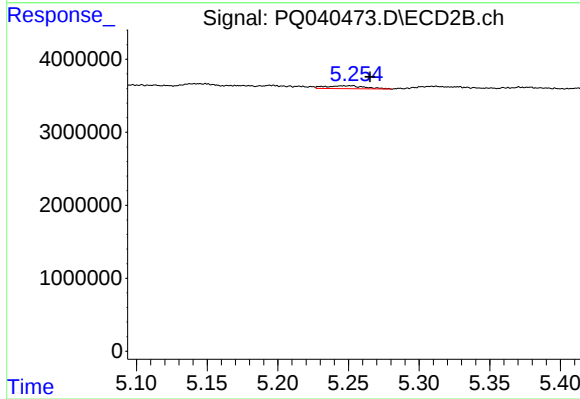
R.T.: 5.250 min
Delta R.T.: -0.017 min
Response: 767391
Conc: 12.62 ng/ml



#11 AR-1232-1

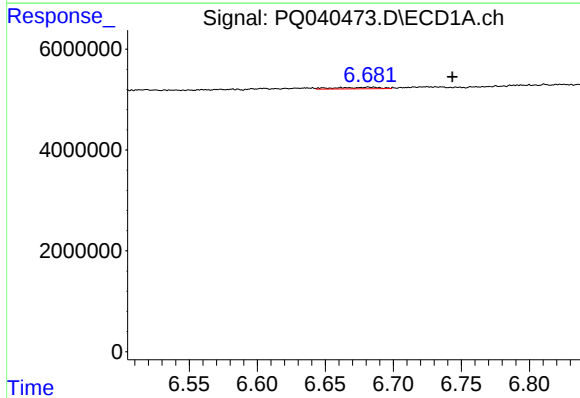
R.T.: 6.092 min
Delta R.T.: -0.009 min
Response: 681138
Conc: 10.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



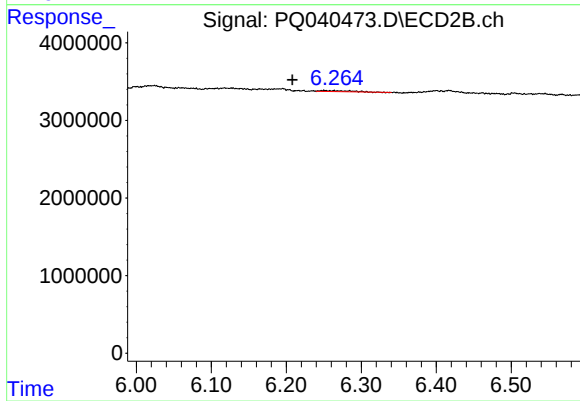
#11 AR-1232-1

R.T.: 5.250 min
Delta R.T.: -0.016 min
Response: 767391
Conc: 16.75 ng/ml



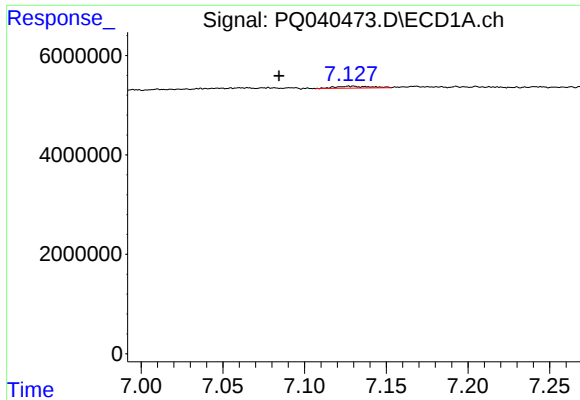
#12 AR-1232-2

R.T.: 6.685 min
Delta R.T.: -0.059 min
Response: 728827
Conc: 18.38 ng/ml



#12 AR-1232-2

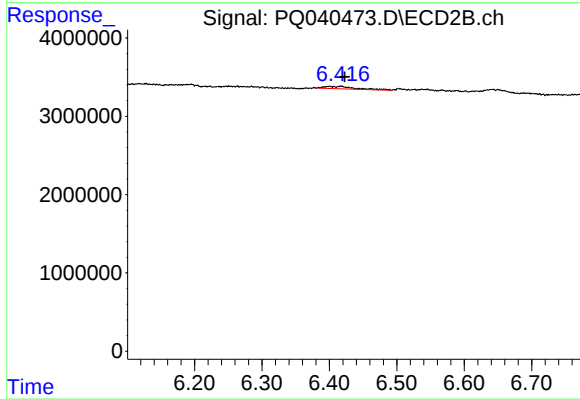
R.T.: 6.250 min
Delta R.T.: 0.042 min
Response: 295237
Conc: 4.92 ng/ml



#13 AR-1232-3

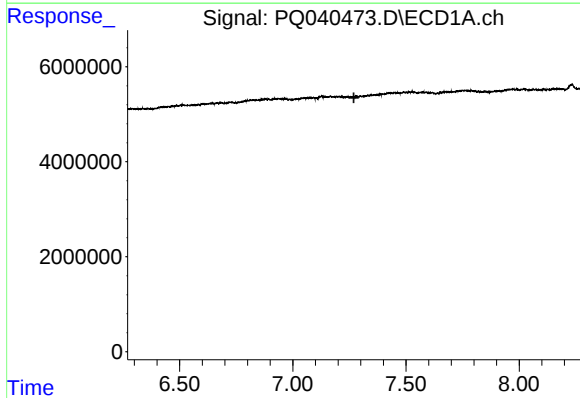
R.T.: 7.128 min
Delta R.T.: 0.043 min
Response: 564552
Conc: 6.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



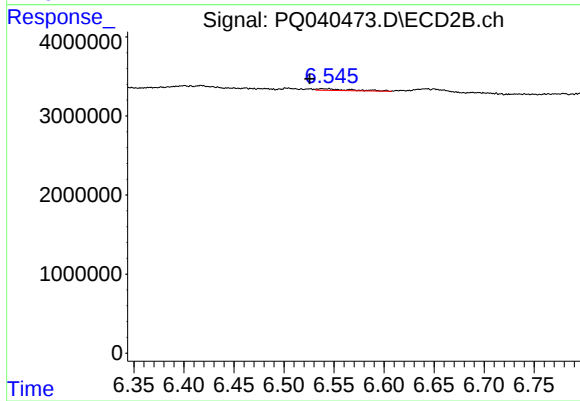
#13 AR-1232-3

R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 956950
Conc: 27.21 ng/ml



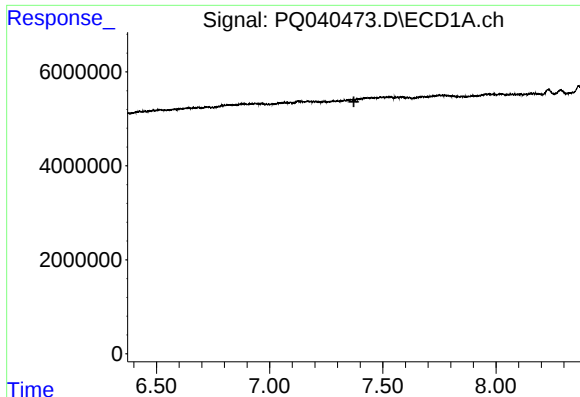
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



#14 AR-1232-4

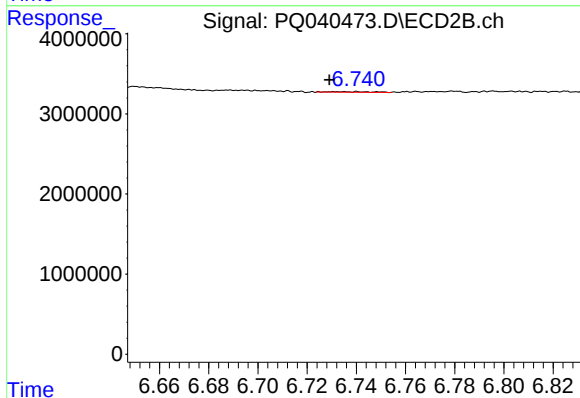
R.T.: 6.540 min
Delta R.T.: 0.015 min
Response: 481790
Conc: 16.31 ng/ml



#15 AR-1232-5

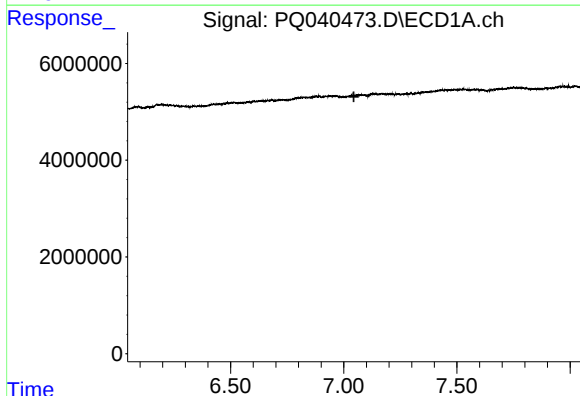
R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



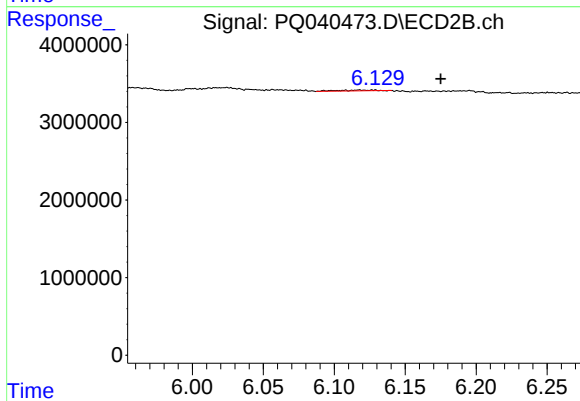
#15 AR-1232-5

R.T.: 6.740 min
Delta R.T.: 0.011 min
Response: 89253
Conc: 2.96 ng/ml



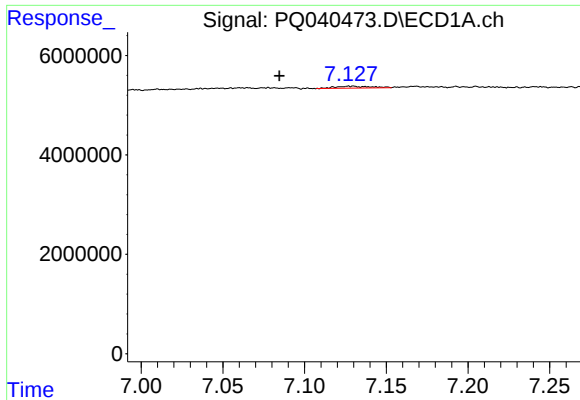
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 7.045 min
Response: 0
Conc: N.D.



#16 AR-1242-1

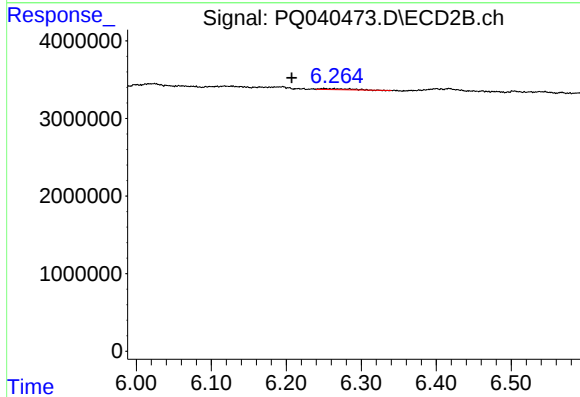
R.T.: 6.118 min
Delta R.T.: -0.057 min
Response: 83741
Conc: 1.13 ng/ml



#17 AR-1242-2

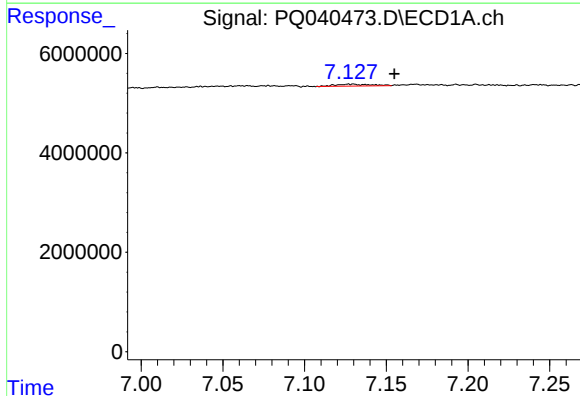
R.T.: 7.128 min
Delta R.T.: 0.043 min
Response: 564552
Conc: 3.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



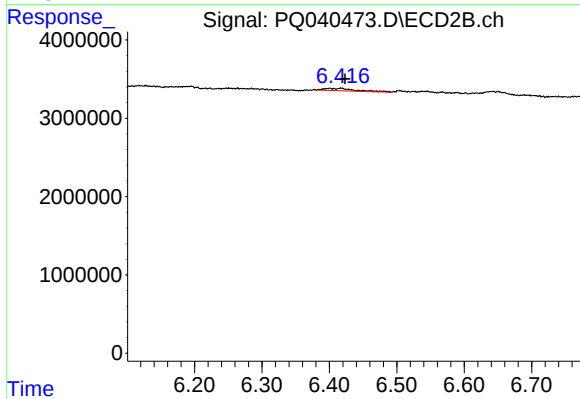
#17 AR-1242-2

R.T.: 6.250 min
Delta R.T.: 0.043 min
Response: 295237
Conc: 2.77 ng/ml



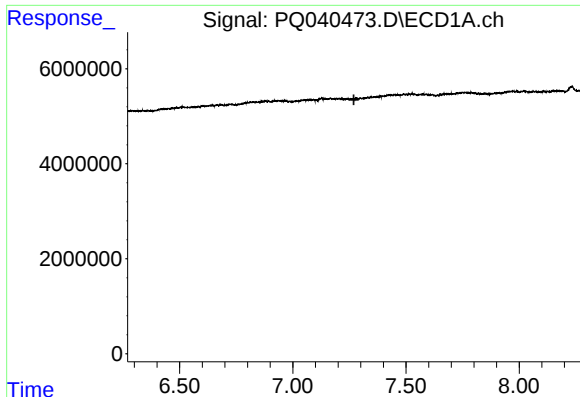
#18 AR-1242-3

R.T.: 7.128 min
Delta R.T.: -0.027 min
Response: 564552
Conc: 6.06 ng/ml



#18 AR-1242-3

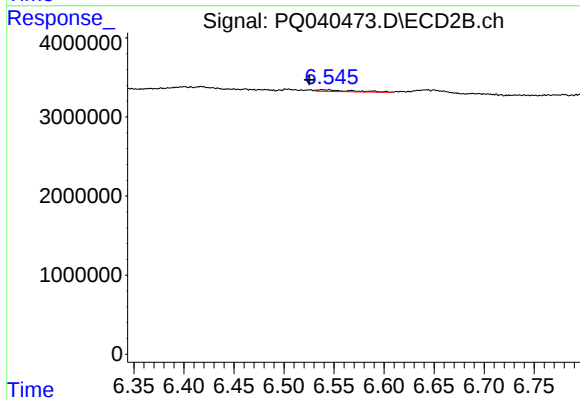
R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 956950
Conc: 15.86 ng/ml



#19 AR-1242-4

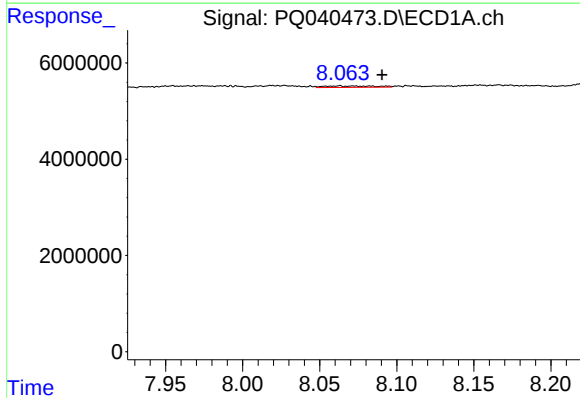
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



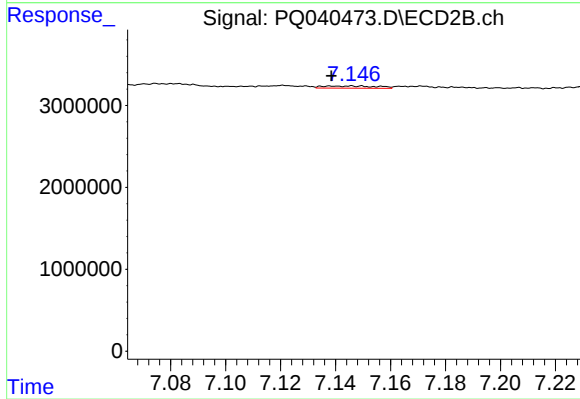
#19 AR-1242-4

R.T.: 6.540 min
Delta R.T.: 0.015 min
Response: 481790
Conc: 8.08 ng/ml



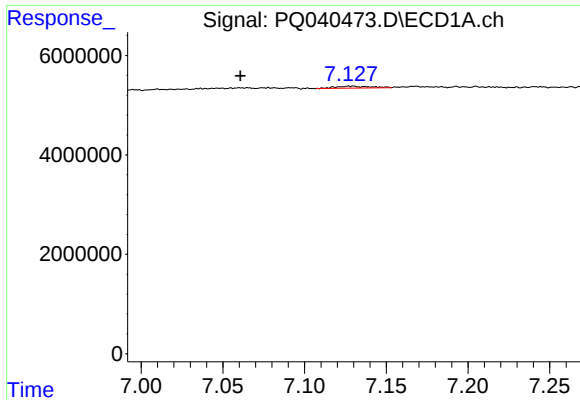
#20 AR-1242-5

R.T.: 8.071 min
Delta R.T.: -0.019 min
Response: 691644
Conc: 7.98 ng/ml



#20 AR-1242-5

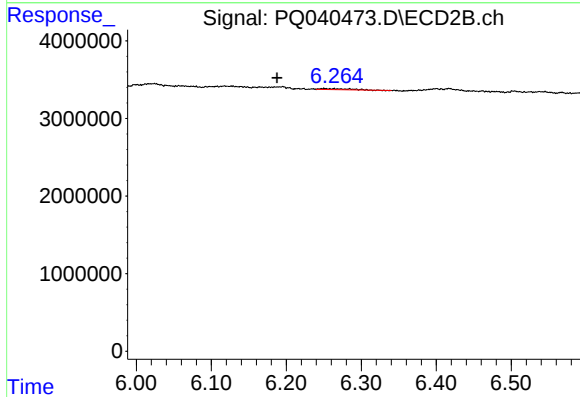
R.T.: 7.145 min
Delta R.T.: 0.007 min
Response: 380627
Conc: 4.72 ng/ml



#21 AR-1248-1

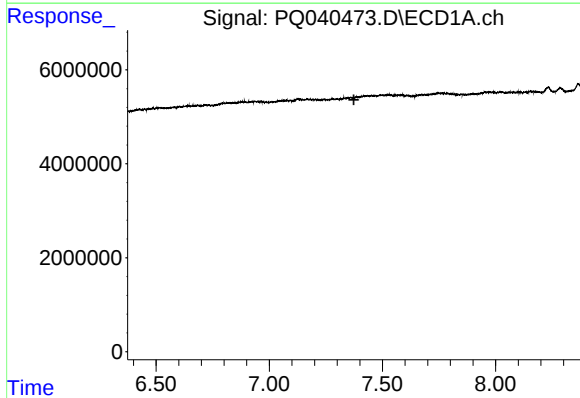
R.T.: 7.128 min
Delta R.T.: 0.067 min
Response: 564552
Conc: 7.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



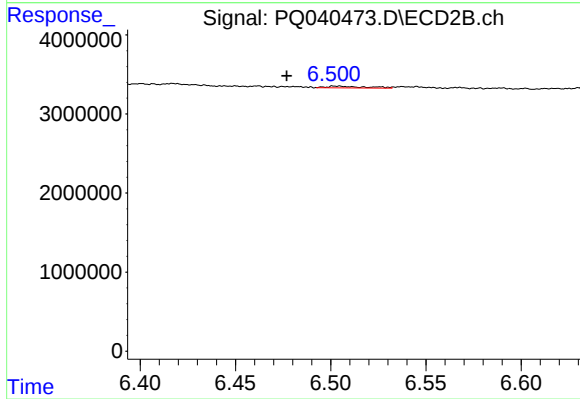
#21 AR-1248-1

R.T.: 6.250 min
Delta R.T.: 0.063 min
Response: 295237
Conc: 5.12 ng/ml



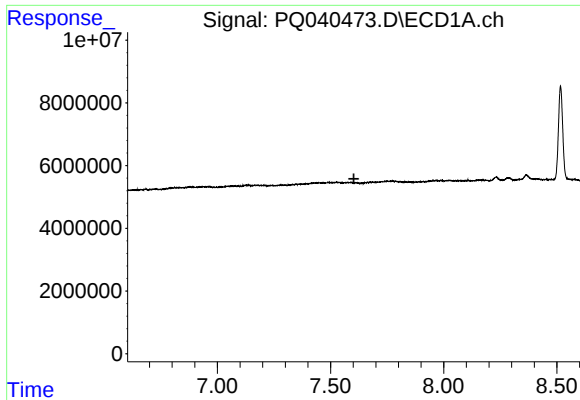
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.374 min
Response: 0
Conc: N.D.



#22 AR-1248-2

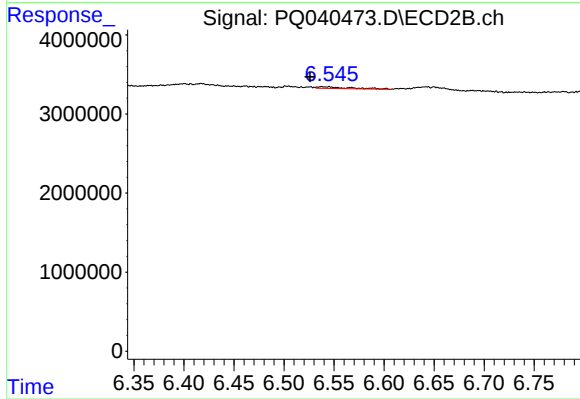
R.T.: 6.504 min
Delta R.T.: 0.027 min
Response: 325461
Conc: 3.70 ng/ml



#23 AR-1248-3

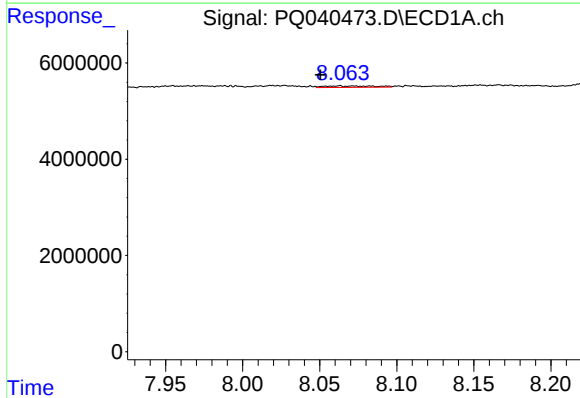
R.T.: 0.000 min
Exp R.T.: 7.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



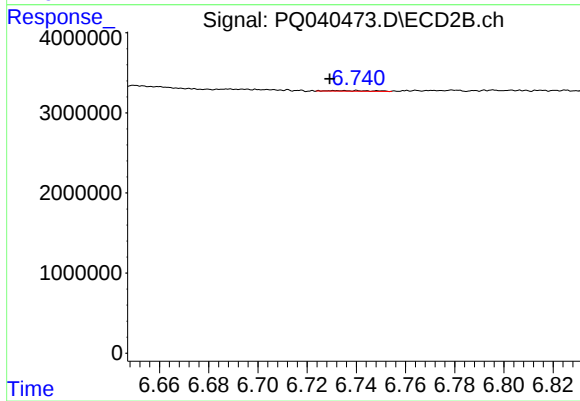
#23 AR-1248-3

R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 481790
Conc: 5.32 ng/ml



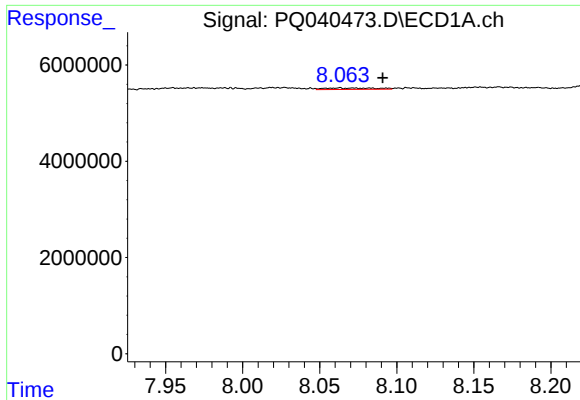
#24 AR-1248-4

R.T.: 8.071 min
Delta R.T.: 0.021 min
Response: 691644
Conc: 4.58 ng/ml



#24 AR-1248-4

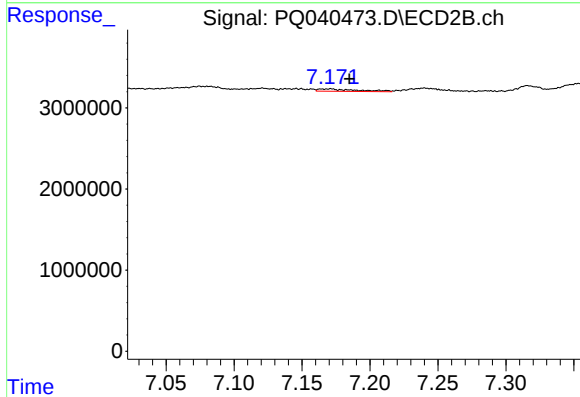
R.T.: 6.740 min
Delta R.T.: 0.011 min
Response: 89253
Conc: 0.81 ng/ml



#25 AR-1248-5

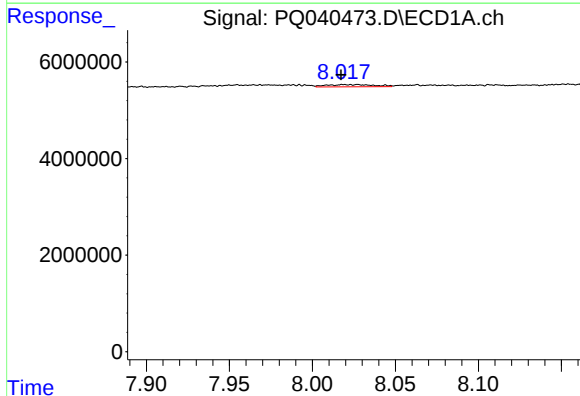
R.T.: 8.071 min
Delta R.T.: -0.019 min
Response: 691644
Conc: 4.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



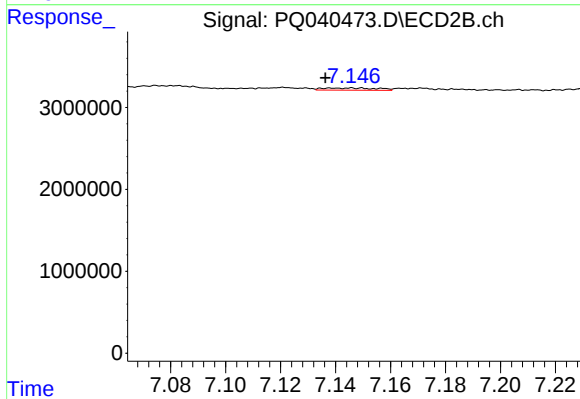
#25 AR-1248-5

R.T.: 7.169 min
Delta R.T.: -0.016 min
Response: 563312
Conc: 4.96 ng/ml



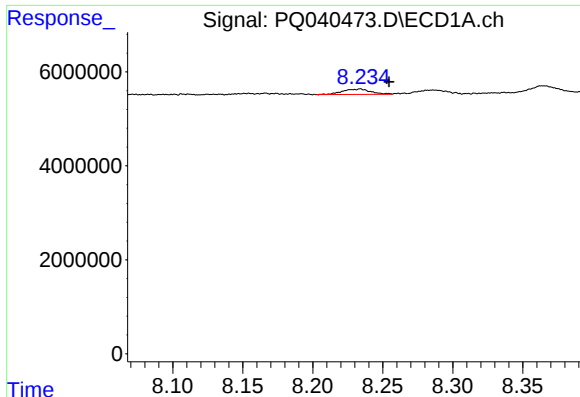
#26 AR-1254-1

R.T.: 8.026 min
Delta R.T.: 0.009 min
Response: 931848
Conc: 5.34 ng/ml



#26 AR-1254-1

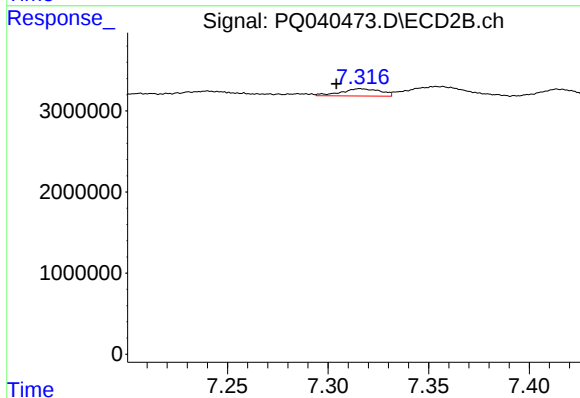
R.T.: 7.145 min
Delta R.T.: 0.009 min
Response: 380627
Conc: 1.99 ng/ml



#27 AR-1254-2

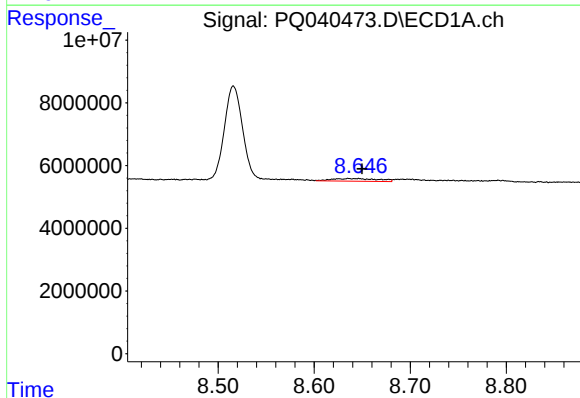
R.T.: 8.233 min
Delta R.T.: -0.022 min
Response: 1605026
Conc: 5.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



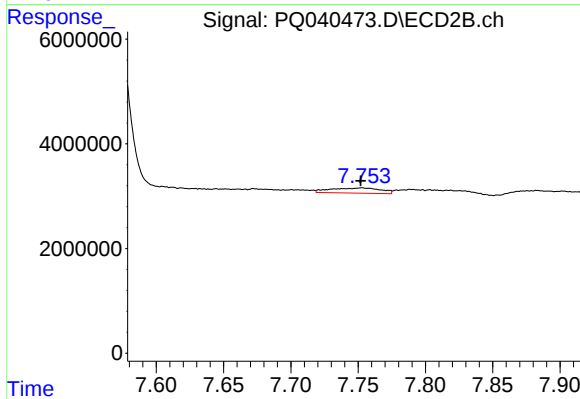
#27 AR-1254-2

R.T.: 7.317 min
Delta R.T.: 0.012 min
Response: 1225332
Conc: 7.05 ng/ml



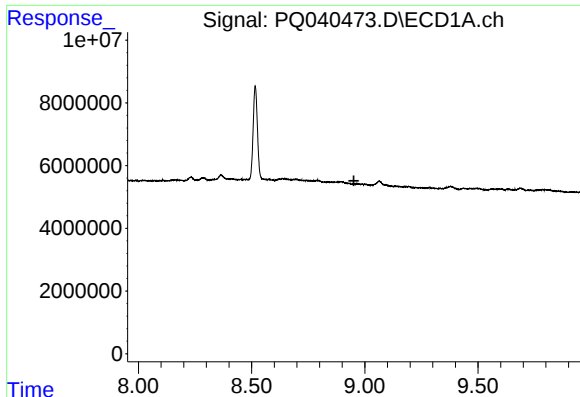
#28 AR-1254-3

R.T.: 8.644 min
Delta R.T.: -0.006 min
Response: 2929695
Conc: 9.87 ng/ml



#28 AR-1254-3

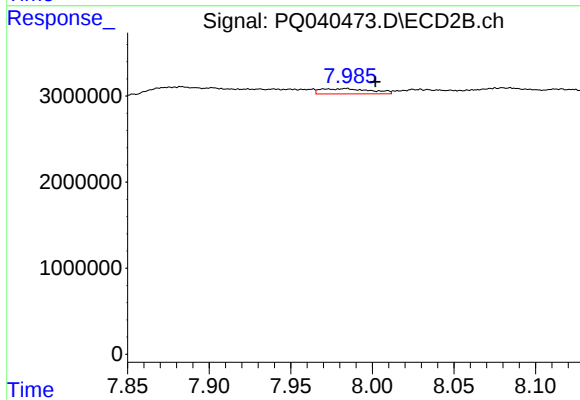
R.T.: 7.753 min
Delta R.T.: 0.001 min
Response: 2560325
Conc: 8.86 ng/ml



#29 AR-1254-4

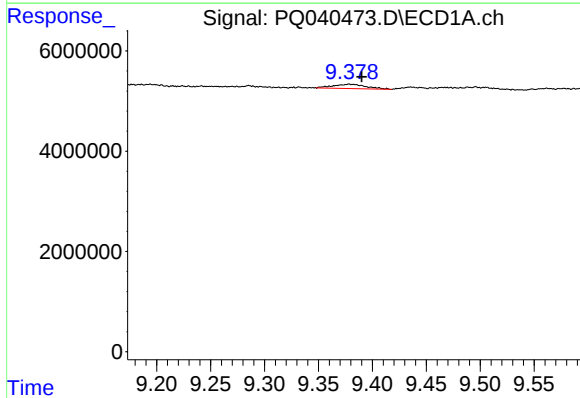
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



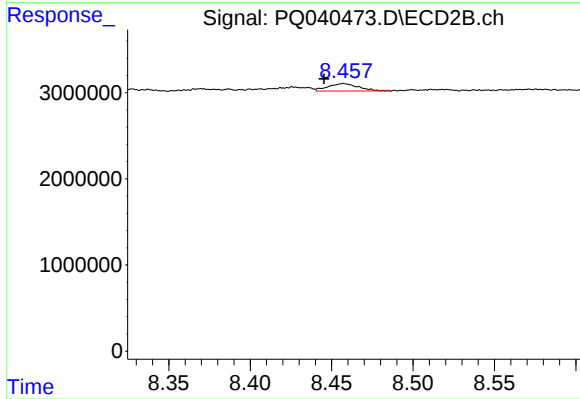
#29 AR-1254-4

R.T.: 7.983 min
Delta R.T.: -0.019 min
Response: 1310100
Conc: 7.34 ng/ml



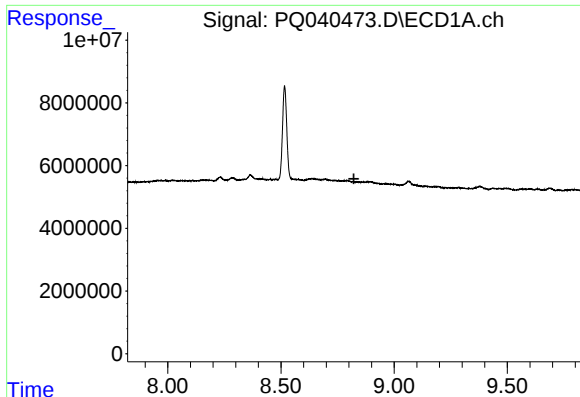
#30 AR-1254-5

R.T.: 9.379 min
Delta R.T.: -0.011 min
Response: 1810684
Conc: 6.29 ng/ml



#30 AR-1254-5

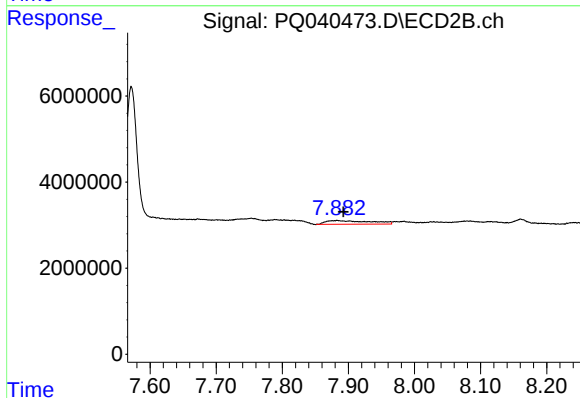
R.T.: 8.457 min
Delta R.T.: 0.012 min
Response: 1126752
Conc: 4.37 ng/ml



#31 AR-1260-1

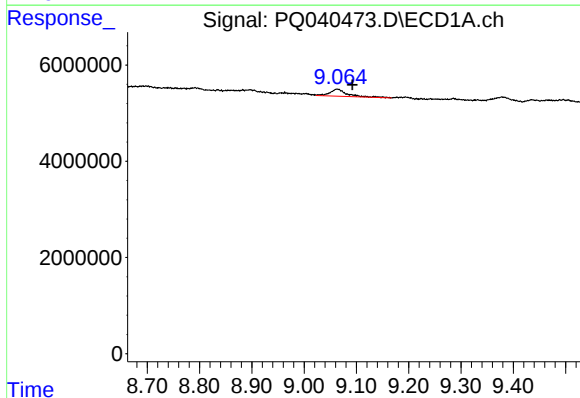
R.T.: 0.000 min
Exp R.T.: 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



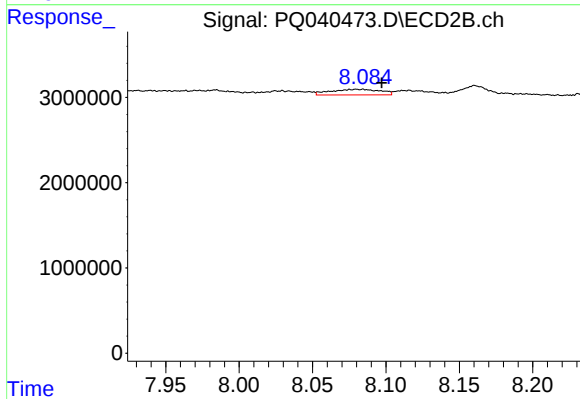
#31 AR-1260-1

R.T.: 7.883 min
Delta R.T.: -0.010 min
Response: 4090905
Conc: 14.92 ng/ml



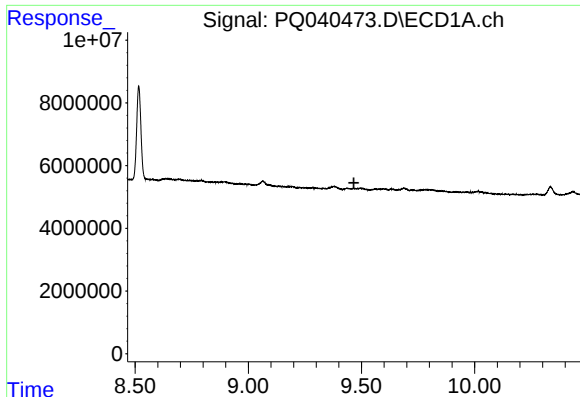
#32 AR-1260-2

R.T.: 9.064 min
Delta R.T.: -0.029 min
Response: 3262611
Conc: 8.08 ng/ml



#32 AR-1260-2

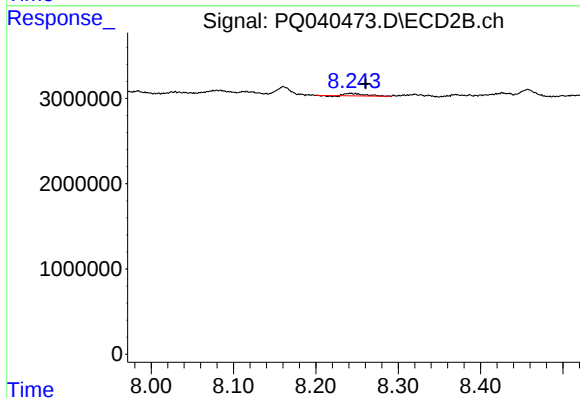
R.T.: 8.081 min
Delta R.T.: -0.017 min
Response: 1551951
Conc: 4.49 ng/ml



#33 AR-1260-3

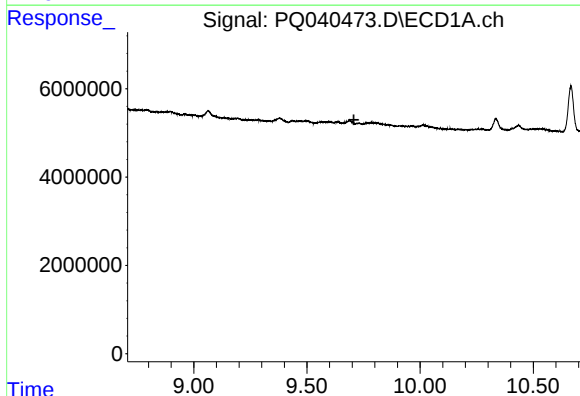
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



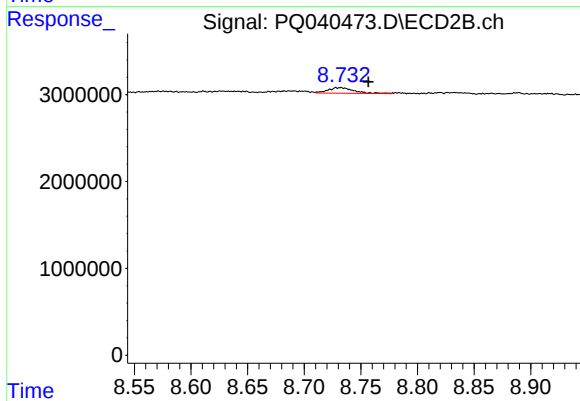
#33 AR-1260-3

R.T.: 8.243 min
Delta R.T.: -0.018 min
Response: 411887
Conc: 1.28 ng/ml



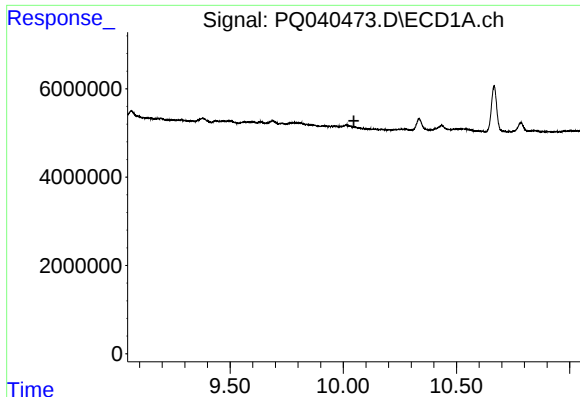
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

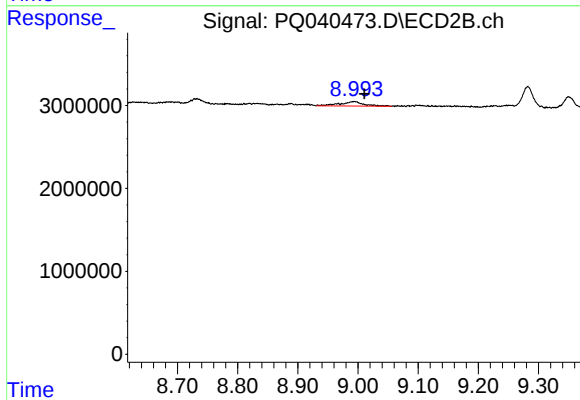
R.T.: 8.732 min
Delta R.T.: -0.025 min
Response: 1036628
Conc: 3.82 ng/ml



#35 AR-1260-5

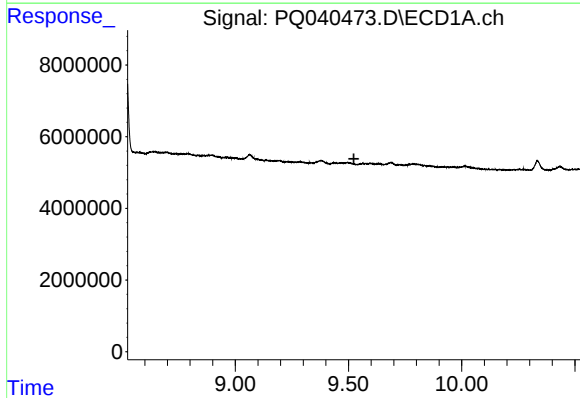
R.T.: 0.000 min
Exp R.T. : 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



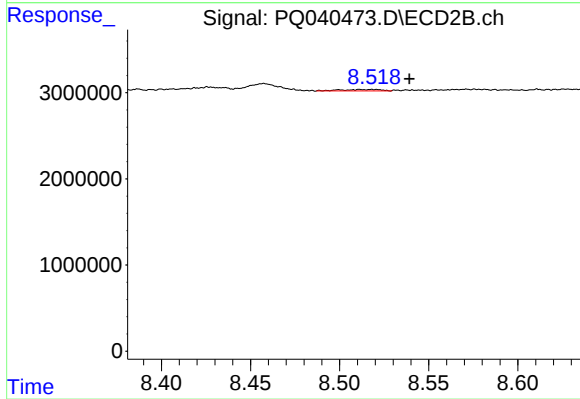
#35 AR-1260-5

R.T.: 8.994 min
Delta R.T.: -0.017 min
Response: 1441896
Conc: 2.15 ng/ml



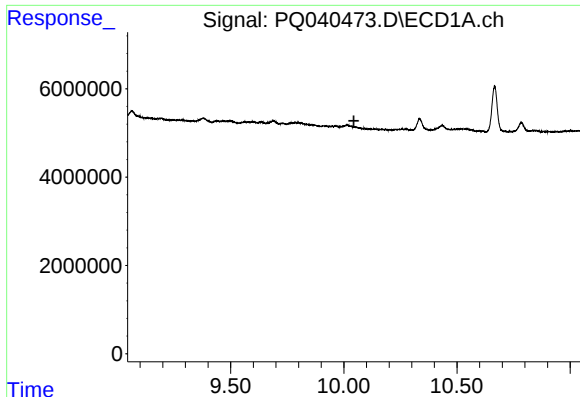
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

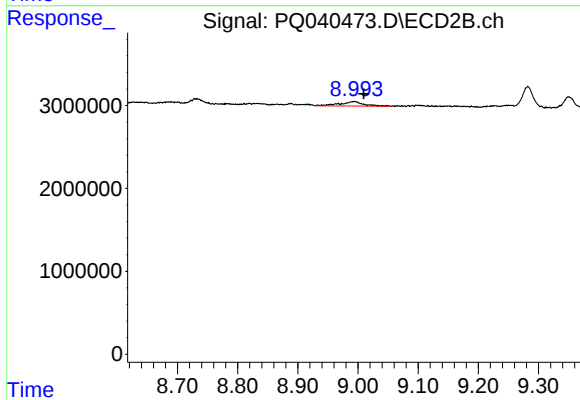
R.T.: 8.518 min
Delta R.T.: -0.021 min
Response: 257602
Conc: 2.27 ng/ml



#37 AR-1262-2

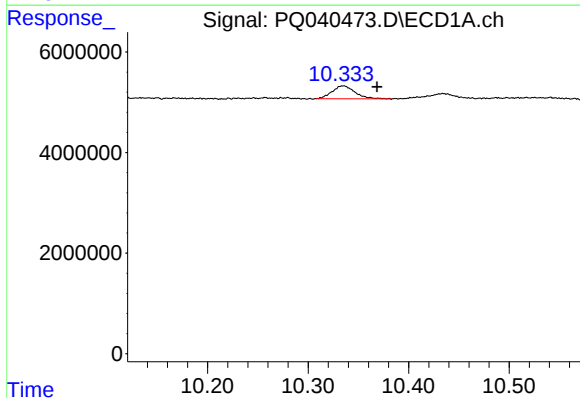
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



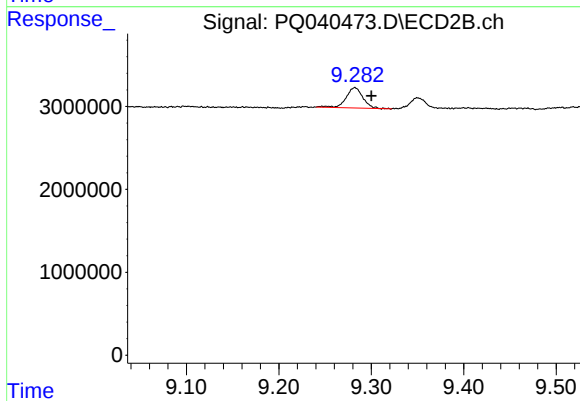
#37 AR-1262-2

R.T.: 8.994 min
Delta R.T.: -0.016 min
Response: 1441896
Conc: 2.91 ng/ml



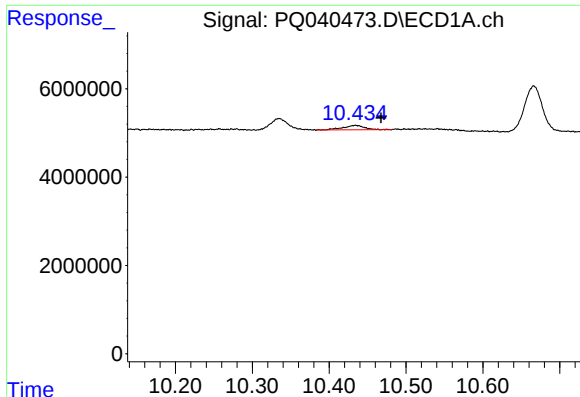
#38 AR-1262-3

R.T.: 10.335 min
Delta R.T.: -0.034 min
Response: 4021552
Conc: 9.51 ng/ml



#38 AR-1262-3

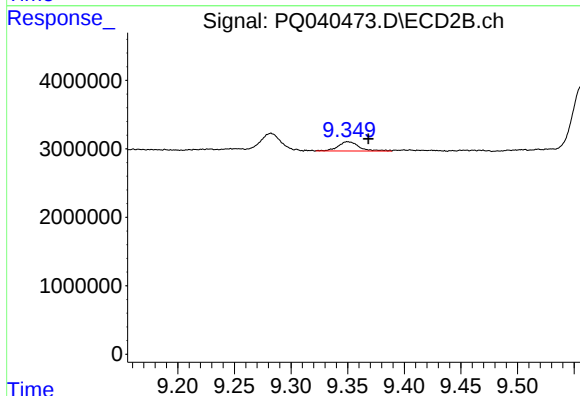
R.T.: 9.282 min
Delta R.T.: -0.018 min
Response: 3084609
Conc: 14.67 ng/ml



#39 AR-1262-4

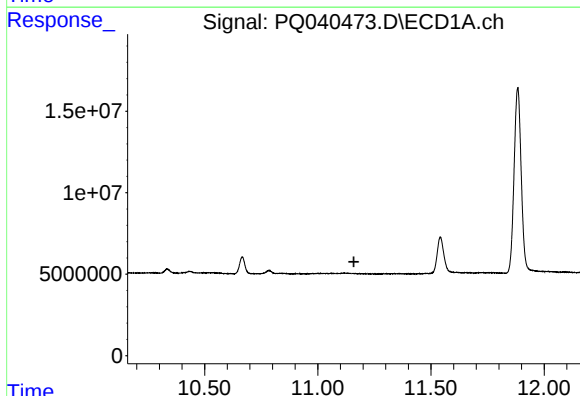
R.T.: 10.434 min
Delta R.T.: -0.033 min
Response: 1961193
Conc: 5.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



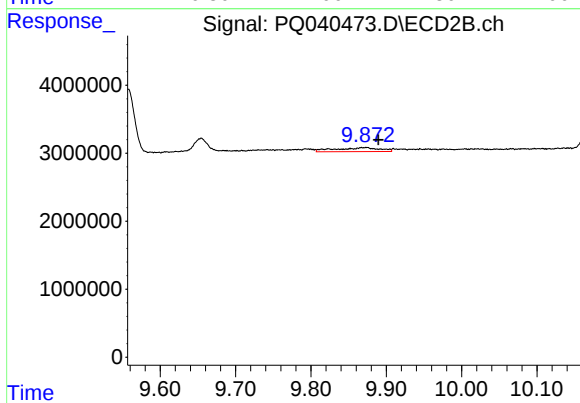
#39 AR-1262-4

R.T.: 9.351 min
Delta R.T.: -0.018 min
Response: 1716607
Conc: 4.53 ng/ml



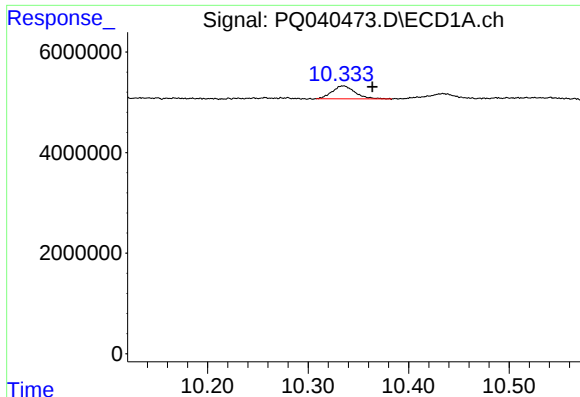
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

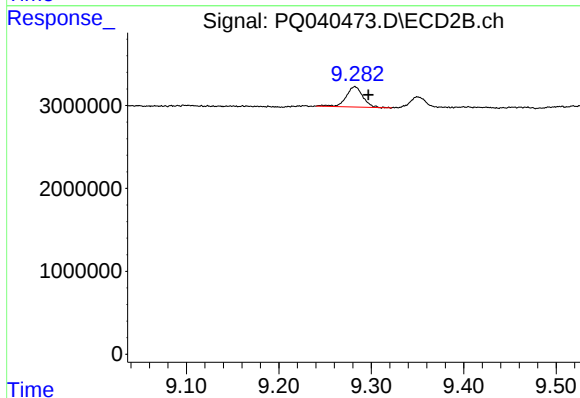
R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 2444805
Conc: 15.08 ng/ml



#41 AR-1268-1

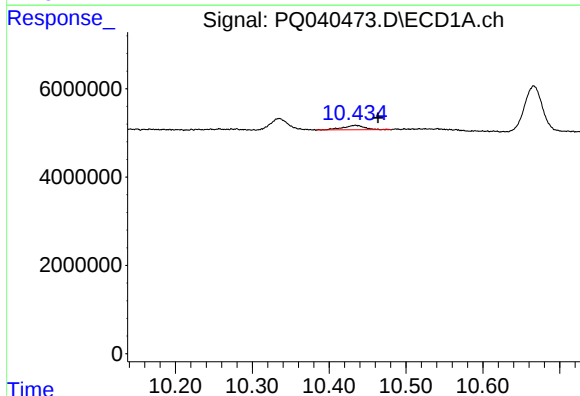
R.T.: 10.335 min
Delta R.T.: -0.029 min
Response: 4021552
Conc: 6.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



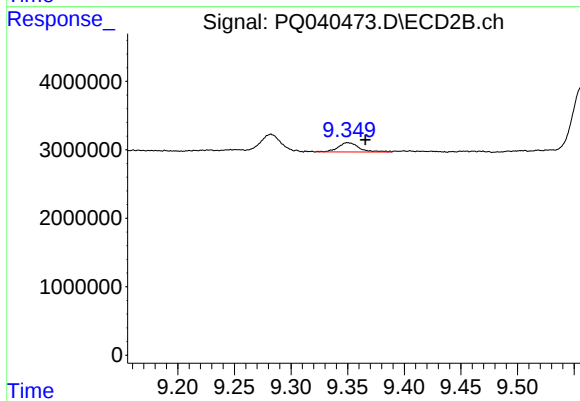
#41 AR-1268-1

R.T.: 9.282 min
Delta R.T.: -0.015 min
Response: 3084609
Conc: 6.76 ng/ml



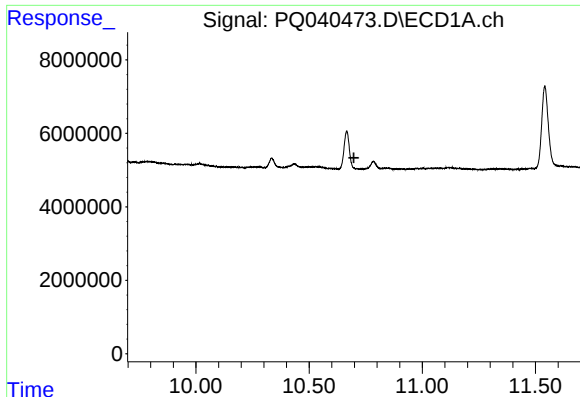
#42 AR-1268-2

R.T.: 10.434 min
Delta R.T.: -0.029 min
Response: 1961193
Conc: 3.19 ng/ml



#42 AR-1268-2

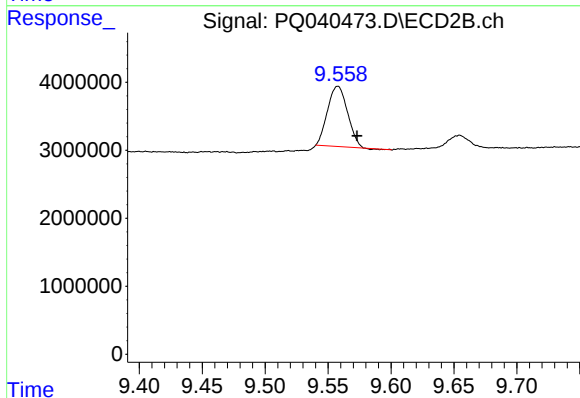
R.T.: 9.351 min
Delta R.T.: -0.015 min
Response: 1716607
Conc: 3.93 ng/ml



#43 AR-1268-3

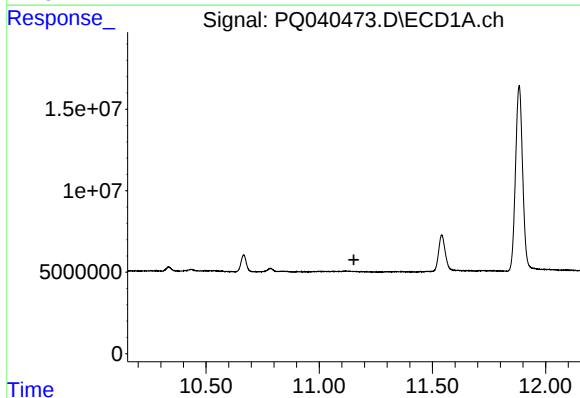
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



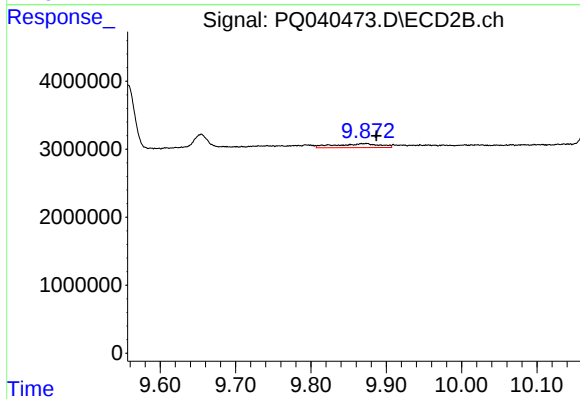
#43 AR-1268-3

R.T.: 9.558 min
Delta R.T.: -0.015 min
Response: 9774162
Conc: 26.04 ng/ml



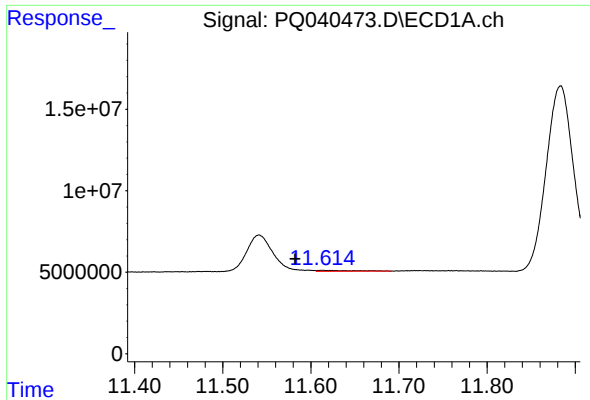
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

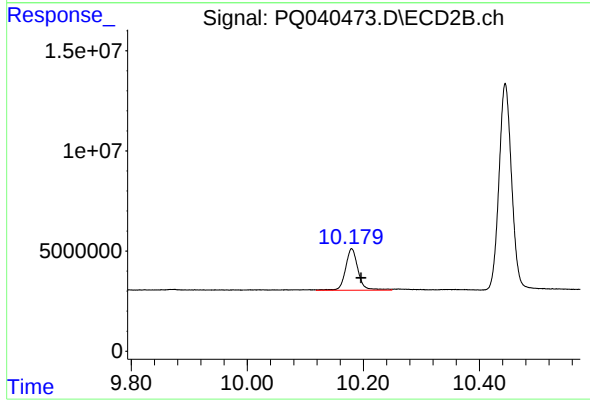
R.T.: 9.872 min
Delta R.T.: -0.015 min
Response: 2444805
Conc: 17.74 ng/ml



#45 AR-1268-5

R.T.: 11.613 min
Delta R.T.: 0.031 min
Response: 1612363
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ4



#45 AR-1268-5

R.T.: 10.180 min
Delta R.T.: -0.016 min
Response: 31484057
Conc: 26.68 ng/ml