

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072123\
 Data File : PQ062541.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2023 06:39
 Operator : YP\AJ
 Sample : 03694-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 15:10:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.401	2.754	64287602	37096575	13.179	14.785
2)	SA Decachlor...	8.582	7.523	56267920	48236526	15.489	14.476
Target Compounds							
3)	L1 AR-1016-1	4.498	3.768	-129440	371344	N.D.	3.752 #
4)	L1 AR-1016-2	4.529	3.780	638364	94464	2.582	0.655 #
5)	L1 AR-1016-3	4.618f	3.940	1791800	202491	11.757	2.684 #
6)	L1 AR-1016-4	4.660	3.985	446291	312158	3.560	4.753 #
7)	L1 AR-1016-5	4.964	4.176	251573	156215	2.067	1.905
8)	L2 AR-1221-1	3.585	2.982	2452190	279446	40.797	8.469 #
9)	L2 AR-1221-2	3.679	3.021	1227586	778938	27.321	30.667
10)	L2 AR-1221-3	3.731	3.106	1378115	231610	9.807	3.004 #
11)	L3 AR-1232-1	3.731	3.106	1378115	231610	13.050	4.042 #
12)	L3 AR-1232-2	4.254	3.780	3244037	94464	54.843	1.419 #
13)	L3 AR-1232-3	4.529	3.940	638364	202491	5.645	5.860
14)	L3 AR-1232-4	4.660	4.020	446291	150656	7.876	5.066 #
15)	L3 AR-1232-5	4.777	4.176	256415	156215	6.402	4.381 #
16)	L4 AR-1242-1	4.498	3.768	-129440	371344	N.D.	4.802 #
17)	L4 AR-1242-2	4.529	3.780	638364	94464	3.288	0.850 #
18)	L4 AR-1242-3	4.618f	3.940	1791800	202491	14.827	3.457 #
19)	L4 AR-1242-4	4.660	4.020	446291	150656	4.578	2.570 #
20)	L4 AR-1242-5	5.374	4.507	933688	668984	9.753	8.070
21)	L5 AR-1248-1	4.498	3.768	-129440	371344	N.D.	5.940 #
22)	L5 AR-1248-2	4.777	3.985	256415	312158	1.785	3.329 #
23)	L5 AR-1248-3	4.964	4.020	251573	150656	1.448	1.664
24)	L5 AR-1248-4	5.374	4.176	933688	156215	4.865	1.384 #
25)	L5 AR-1248-5	5.374	4.545	933688	1072308	5.155	9.571 #
26)	L6 AR-1254-1	5.332	4.507	263061	668984	1.416	4.143 #
27)	L6 AR-1254-2	5.532	4.662	1241871	80749	4.272	0.548 #
28)	L6 AR-1254-3	5.902	5.048	1792856	913703	5.837	3.910 #
29)	L6 AR-1254-4	6.180	5.274	1104901	653492	4.759	4.288
30)	L6 AR-1254-5	6.624f	5.669	3304136	864556	12.863	3.746 #
31)	L7 AR-1260-1	6.049	5.179	513274	919428	2.176	5.520 #
32)	L7 AR-1260-2	6.323	5.366	1418433	1840521	4.911	8.851 #
33)	L7 AR-1260-3	6.683	5.508	472996	941780	2.679	4.841 #
34)	L7 AR-1260-4	0.000	5.961	0	331157	N.D.	2.270 #
35)	L7 AR-1260-5	7.203	6.206	223854	478080	0.545	1.440 #
36)	L8 AR-1262-1	6.683	5.714	472996	24141	1.551	0.104 #
37)	L8 AR-1262-2	7.203	5.961	223854	331157	0.425	1.532 #
38)	L8 AR-1262-3	7.480	6.505	956717	480472	2.716	2.756
39)	L8 AR-1262-4	7.566	6.541	911397	335251	3.417	1.040 #
40)	L8 AR-1262-5	8.053	7.043	519906	142009	2.929	0.916 #
41)	L9 AR-1268-1	7.480	6.505	956717	480472	1.686	1.021 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072123\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2023 06:39
Operator : YP\AJ
Sample : 03694-01
Misc :
ALS Vial : 54 Sample Multiplier: 1

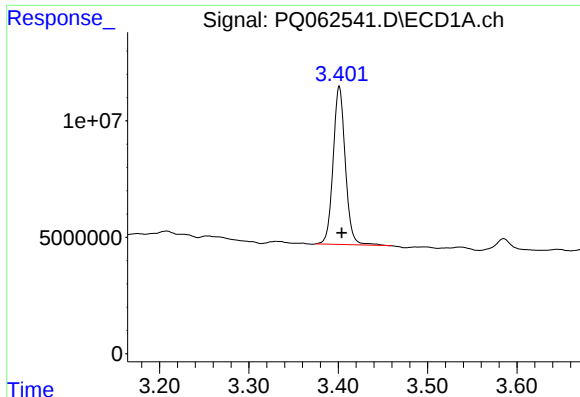
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 15:10:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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	7.566	6.560	911397	96296	1.787	0.227 #
43)	L9 AR-1268-3	7.736	6.750	2157646	377590	5.056	1.025 #
44)	L9 AR-1268-4	8.062	7.043	810885	142009	4.431	0.888 #
45)	L9 AR-1268-5	8.347	7.318	785726	1595675	0.623	1.367 #

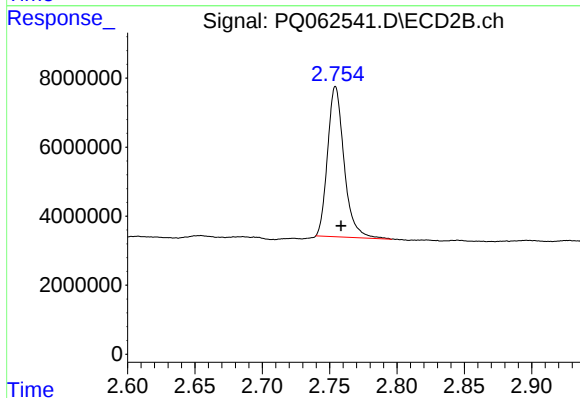
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

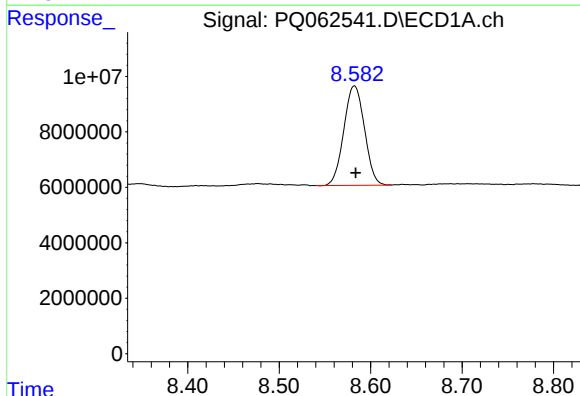
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 64287602
Conc: 13.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



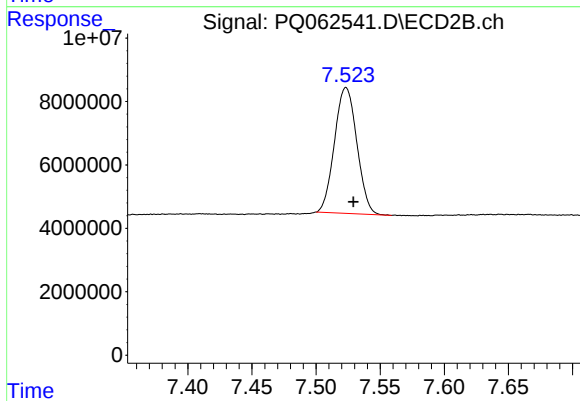
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: -0.004 min
Response: 37096575
Conc: 14.78 ng/ml



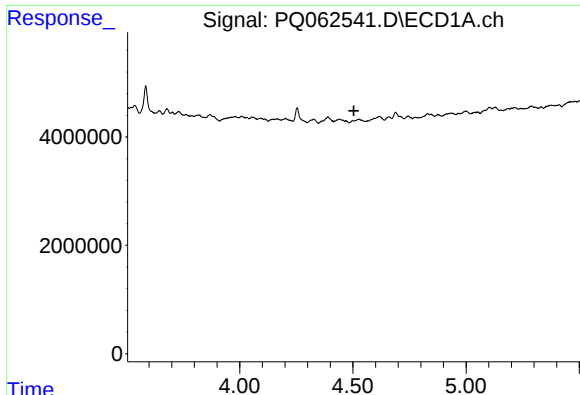
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.001 min
Response: 56267920
Conc: 15.49 ng/ml



#2 Decachlorobiphenyl

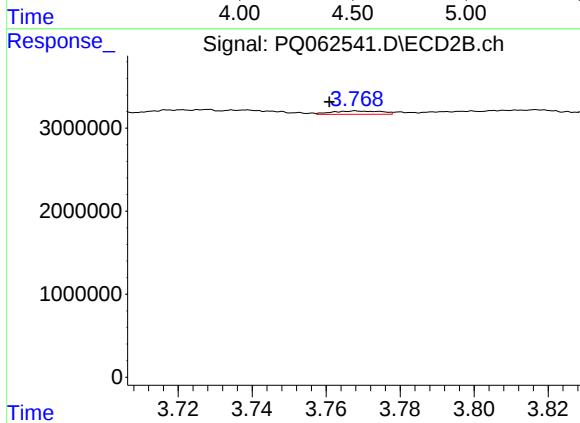
R.T.: 7.523 min
Delta R.T.: -0.006 min
Response: 48236526
Conc: 14.48 ng/ml



#3 AR-1016-1

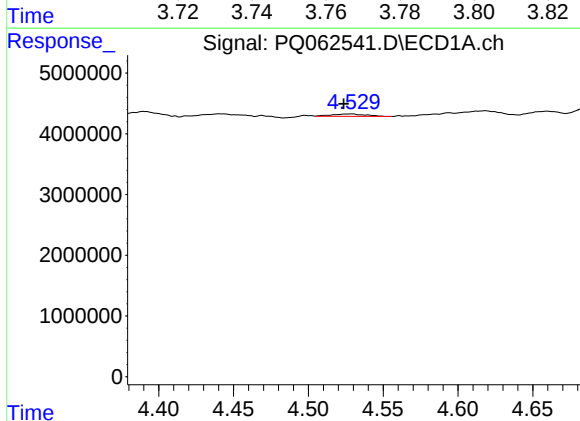
R.T.: 4.498 min
Delta R.T.: -0.006 min
Response: -129440
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



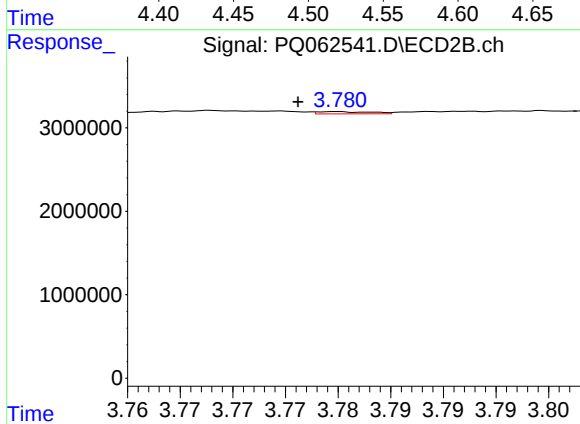
#3 AR-1016-1

R.T.: 3.768 min
Delta R.T.: 0.007 min
Response: 371344
Conc: 3.75 ng/ml



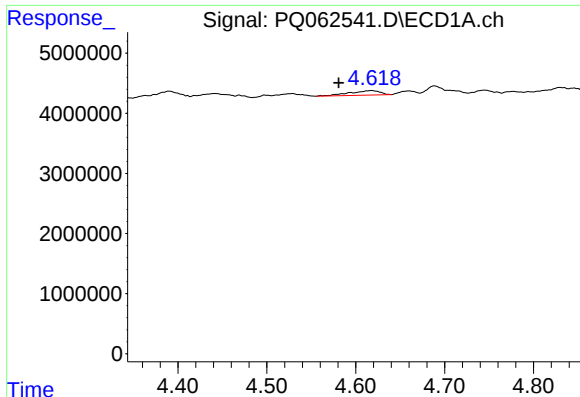
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 638364
Conc: 2.58 ng/ml



#4 AR-1016-2

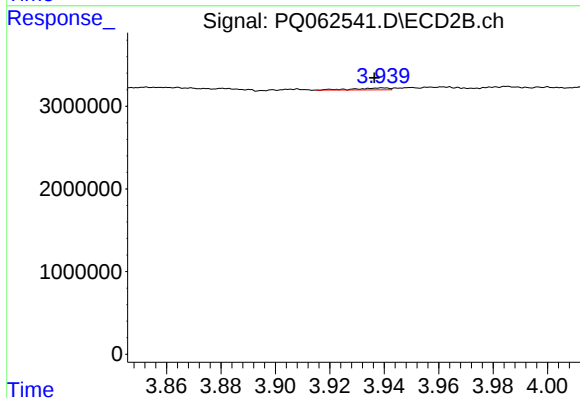
R.T.: 3.780 min
Delta R.T.: 0.004 min
Response: 94464
Conc: 0.66 ng/ml



#5 AR-1016-3

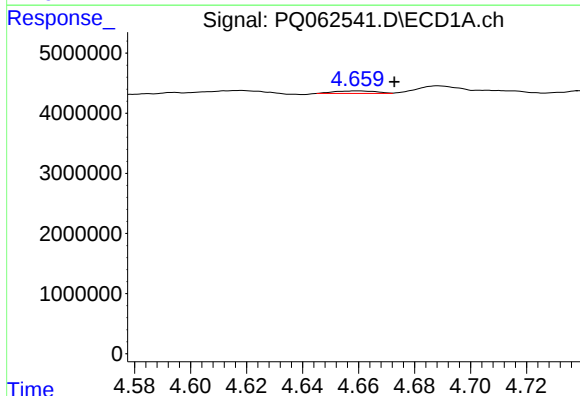
R.T.: 4.618 min
Delta R.T.: 0.037 min
Response: 1791800
Conc: 11.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



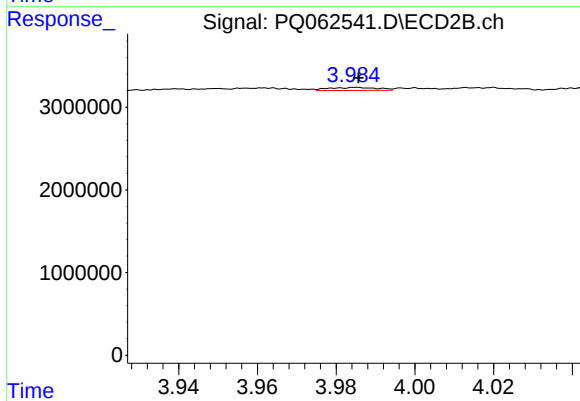
#5 AR-1016-3

R.T.: 3.940 min
Delta R.T.: 0.003 min
Response: 202491
Conc: 2.68 ng/ml



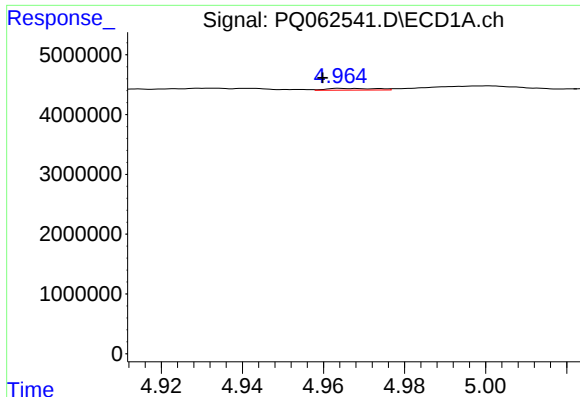
#6 AR-1016-4

R.T.: 4.660 min
Delta R.T.: -0.013 min
Response: 446291
Conc: 3.56 ng/ml



#6 AR-1016-4

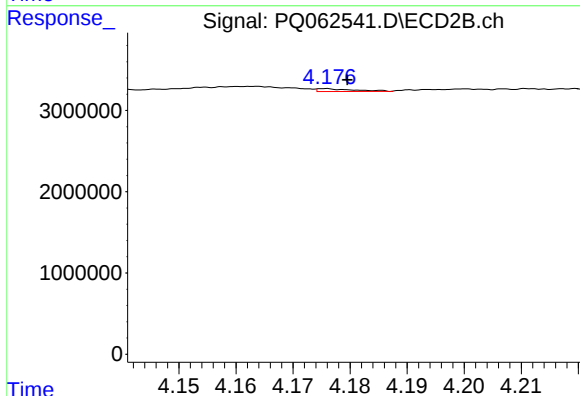
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 312158
Conc: 4.75 ng/ml



#7 AR-1016-5

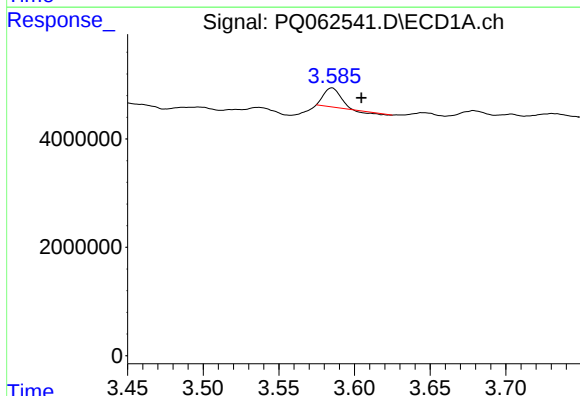
R.T.: 4.964 min
Delta R.T.: 0.005 min
Response: 251573
Conc: 2.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



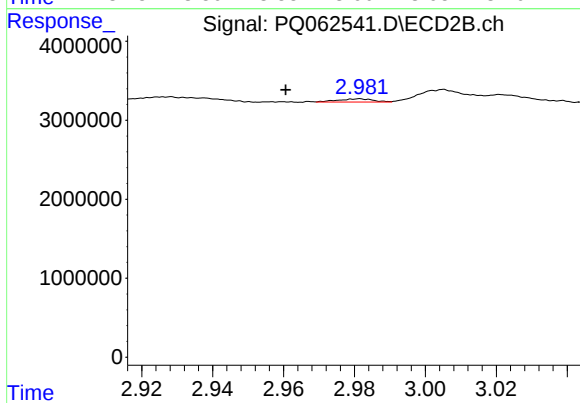
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 156215
Conc: 1.91 ng/ml



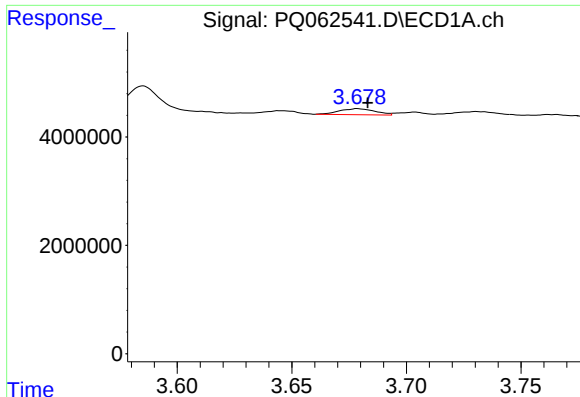
#8 AR-1221-1

R.T.: 3.585 min
Delta R.T.: -0.019 min
Response: 2452190
Conc: 40.80 ng/ml



#8 AR-1221-1

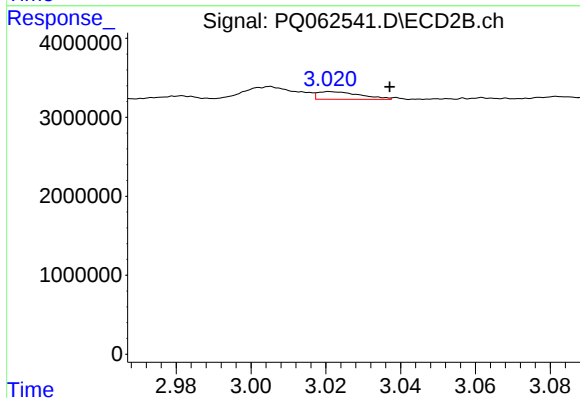
R.T.: 2.982 min
Delta R.T.: 0.021 min
Response: 279446
Conc: 8.47 ng/ml



#9 AR-1221-2

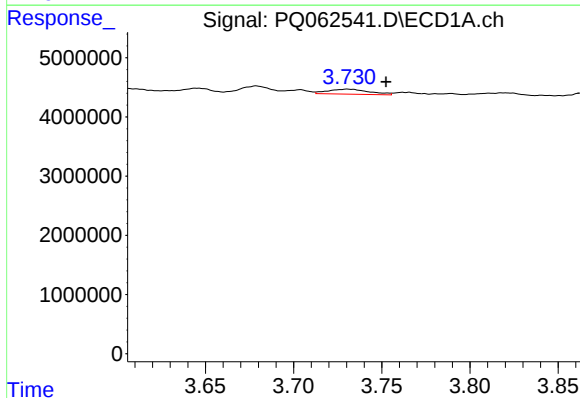
R.T.: 3.679 min
Delta R.T.: -0.004 min
Response: 1227586
Conc: 27.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



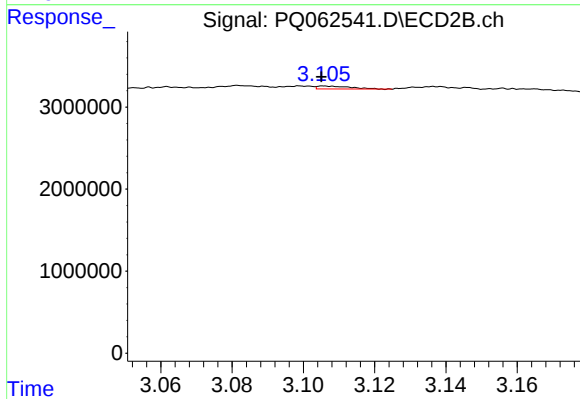
#9 AR-1221-2

R.T.: 3.021 min
Delta R.T.: -0.016 min
Response: 778938
Conc: 30.67 ng/ml



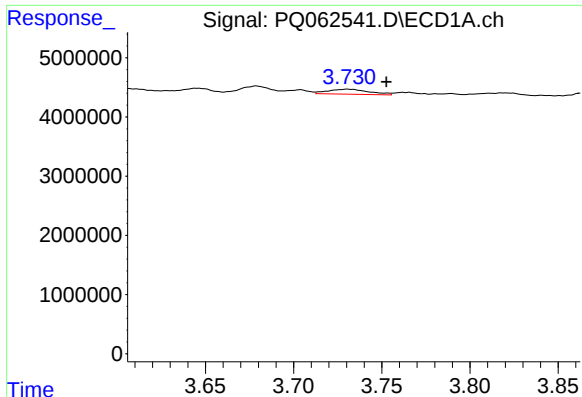
#10 AR-1221-3

R.T.: 3.731 min
Delta R.T.: -0.022 min
Response: 1378115
Conc: 9.81 ng/ml



#10 AR-1221-3

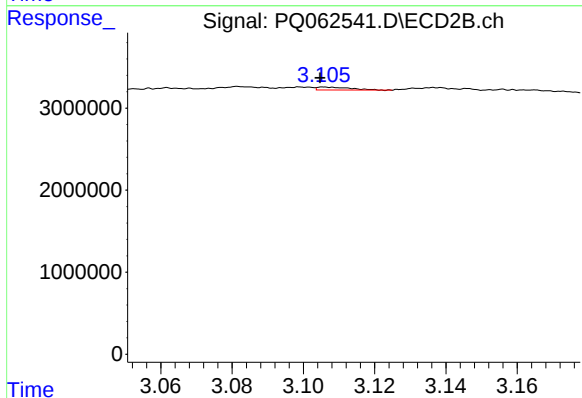
R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 231610
Conc: 3.00 ng/ml



#11 AR-1232-1

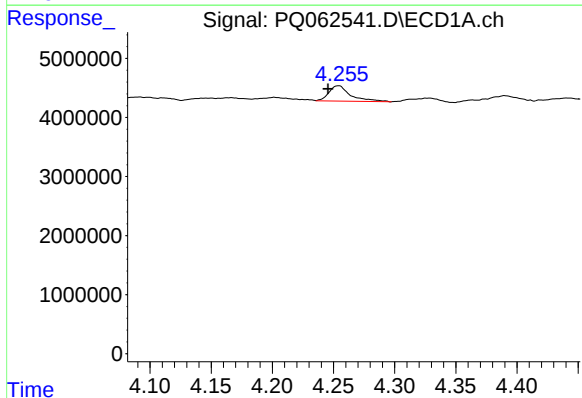
R.T.: 3.731 min
Delta R.T.: -0.022 min
Response: 1378115
Conc: 13.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



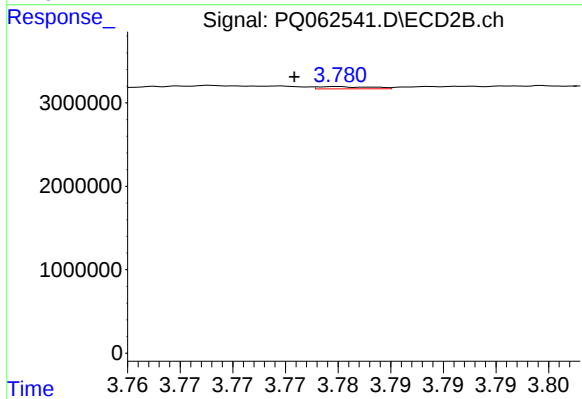
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: 0.001 min
Response: 231610
Conc: 4.04 ng/ml



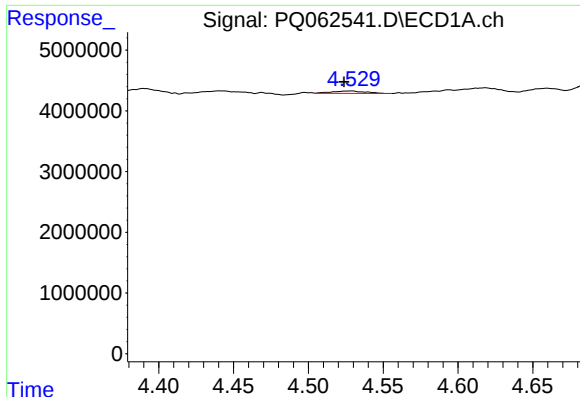
#12 AR-1232-2

R.T.: 4.254 min
Delta R.T.: 0.009 min
Response: 3244037
Conc: 54.84 ng/ml



#12 AR-1232-2

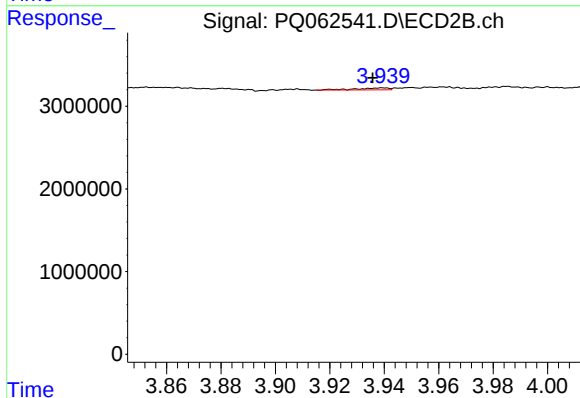
R.T.: 3.780 min
Delta R.T.: 0.004 min
Response: 94464
Conc: 1.42 ng/ml



#13 AR-1232-3

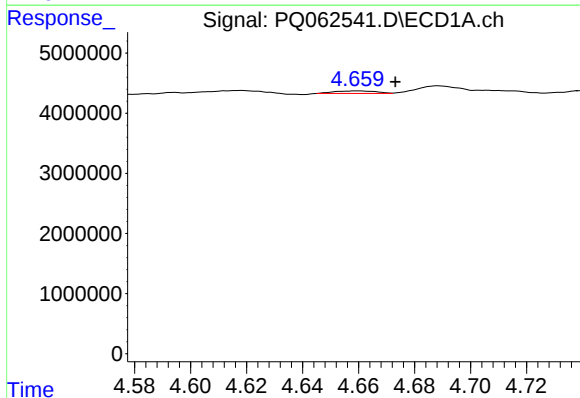
R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 638364
Conc: 5.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



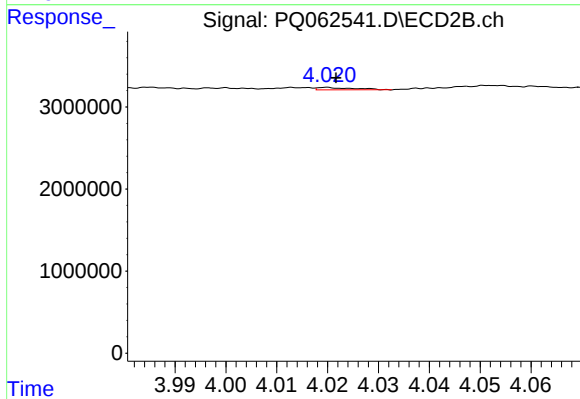
#13 AR-1232-3

R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 202491
Conc: 5.86 ng/ml



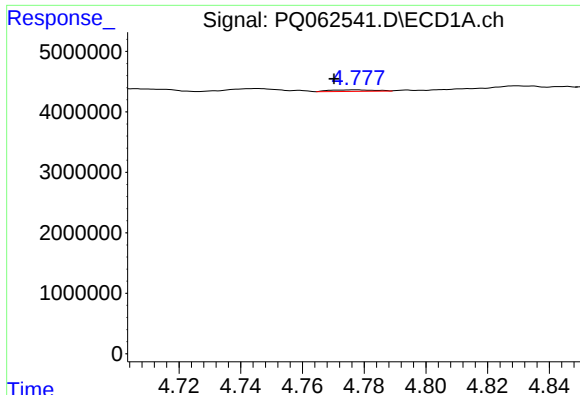
#14 AR-1232-4

R.T.: 4.660 min
Delta R.T.: -0.014 min
Response: 446291
Conc: 7.88 ng/ml



#14 AR-1232-4

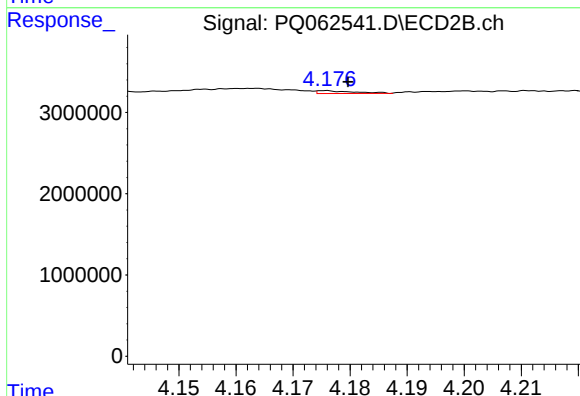
R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 150656
Conc: 5.07 ng/ml



#15 AR-1232-5

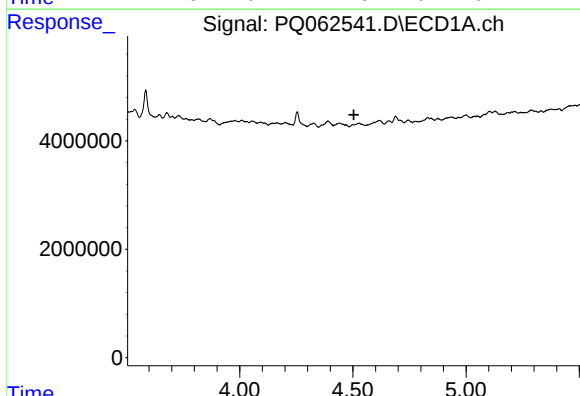
R.T.: 4.777 min
Delta R.T.: 0.007 min
Response: 256415
Conc: 6.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



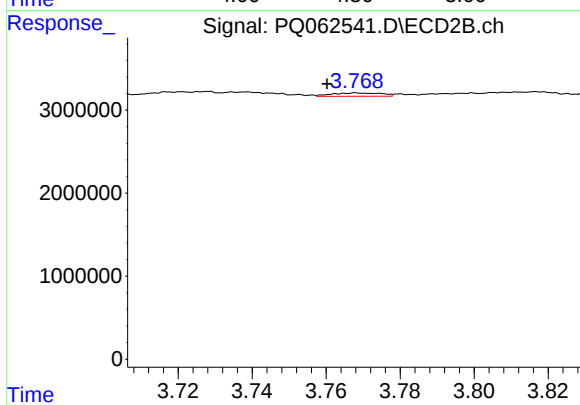
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 156215
Conc: 4.38 ng/ml



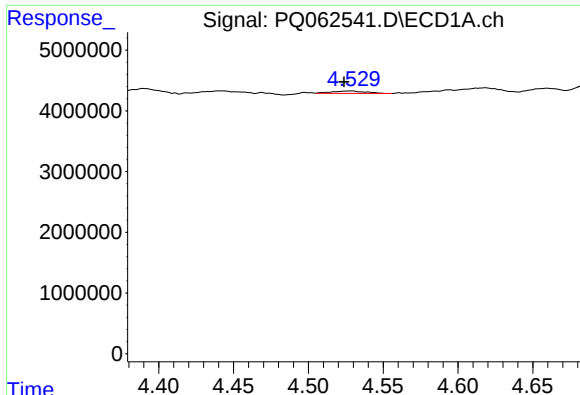
#16 AR-1242-1

R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: -129440
Conc: N.D.



#16 AR-1242-1

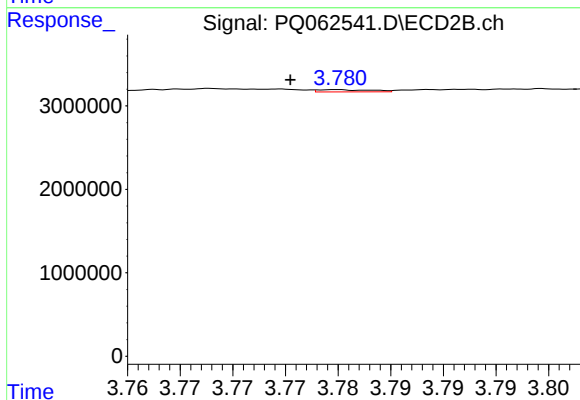
R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 371344
Conc: 4.80 ng/ml



#17 AR-1242-2

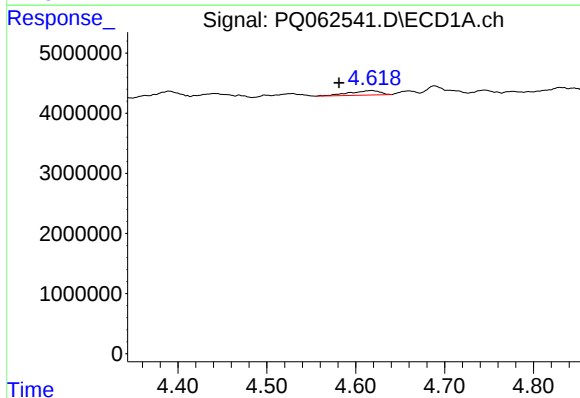
R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 638364
Conc: 3.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



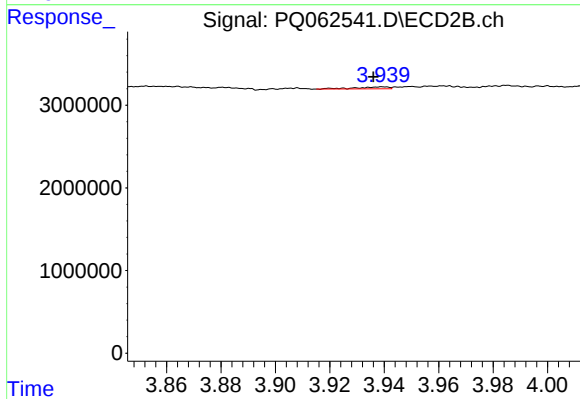
#17 AR-1242-2

R.T.: 3.780 min
Delta R.T.: 0.004 min
Response: 94464
Conc: 0.85 ng/ml



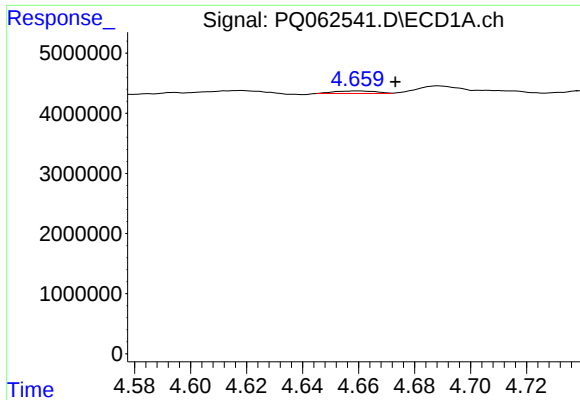
#18 AR-1242-3

R.T.: 4.618 min
Delta R.T.: 0.037 min
Response: 1791800
Conc: 14.83 ng/ml



#18 AR-1242-3

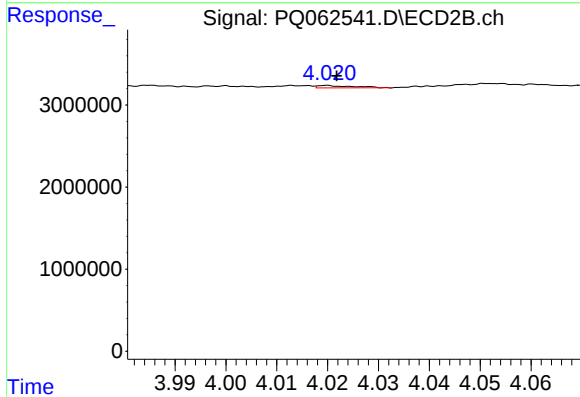
R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 202491
Conc: 3.46 ng/ml



#19 AR-1242-4

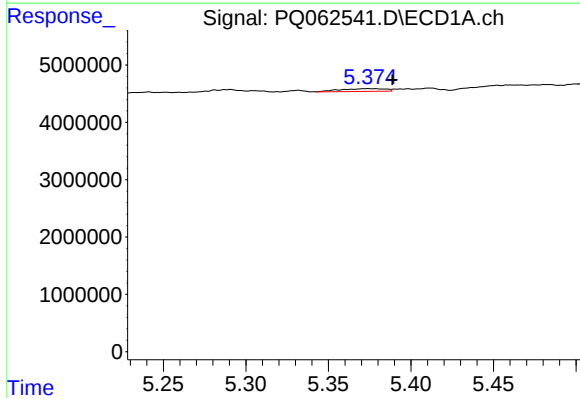
R.T.: 4.660 min
Delta R.T.: -0.014 min
Response: 446291
Conc: 4.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



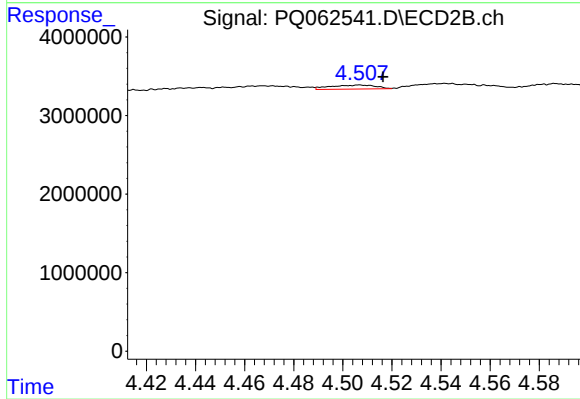
#19 AR-1242-4

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 150656
Conc: 2.57 ng/ml



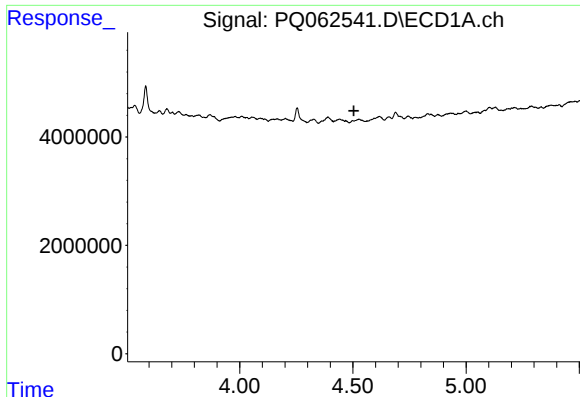
#20 AR-1242-5

R.T.: 5.374 min
Delta R.T.: -0.015 min
Response: 933688
Conc: 9.75 ng/ml



#20 AR-1242-5

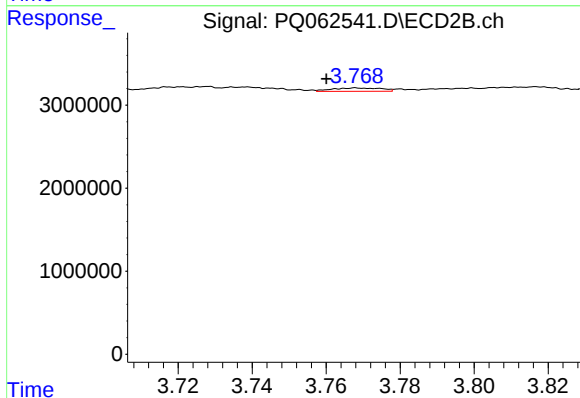
R.T.: 4.507 min
Delta R.T.: -0.010 min
Response: 668984
Conc: 8.07 ng/ml



#21 AR-1248-1

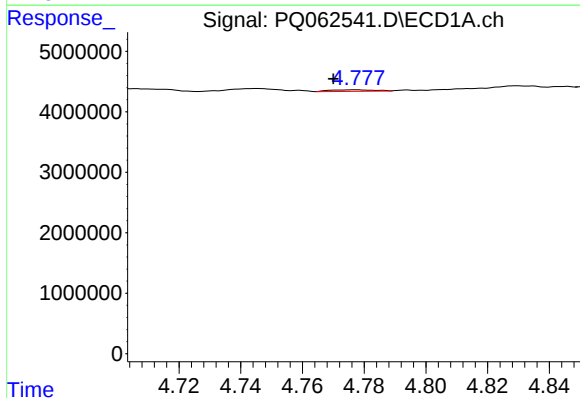
R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: -129440
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



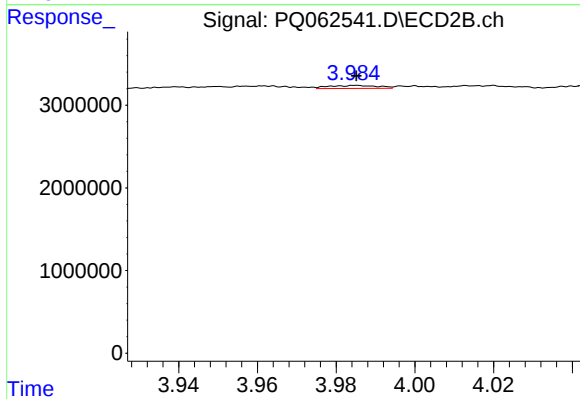
#21 AR-1248-1

R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 371344
Conc: 5.94 ng/ml



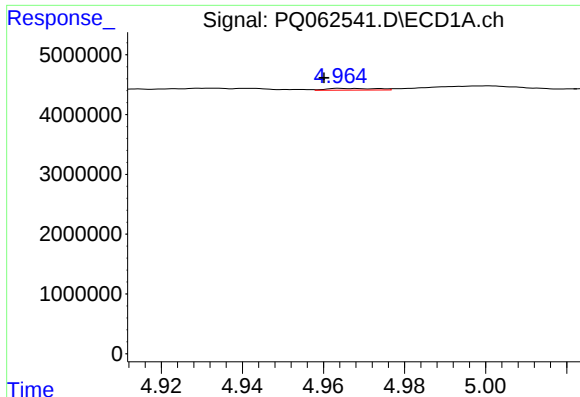
#22 AR-1248-2

R.T.: 4.777 min
Delta R.T.: 0.007 min
Response: 256415
Conc: 1.78 ng/ml



#22 AR-1248-2

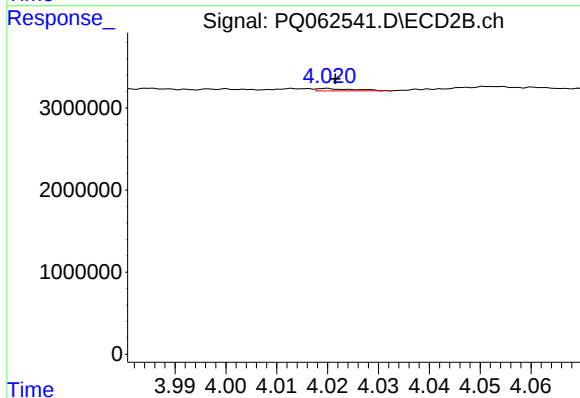
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 312158
Conc: 3.33 ng/ml



#23 AR-1248-3

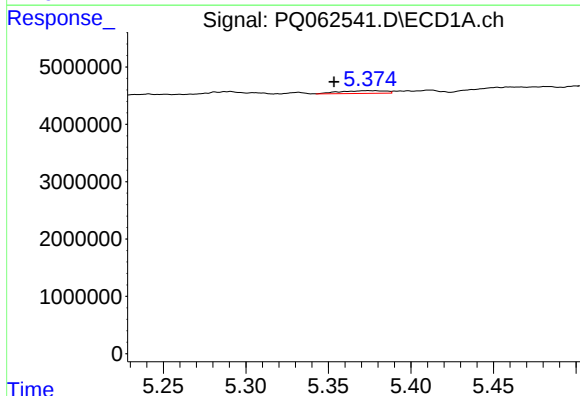
R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: 251573
Conc: 1.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



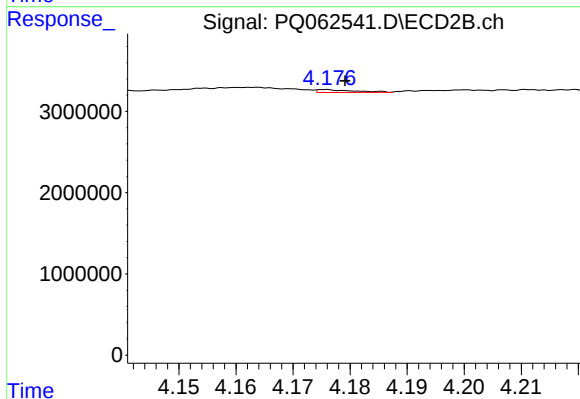
#23 AR-1248-3

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 150656
Conc: 1.66 ng/ml



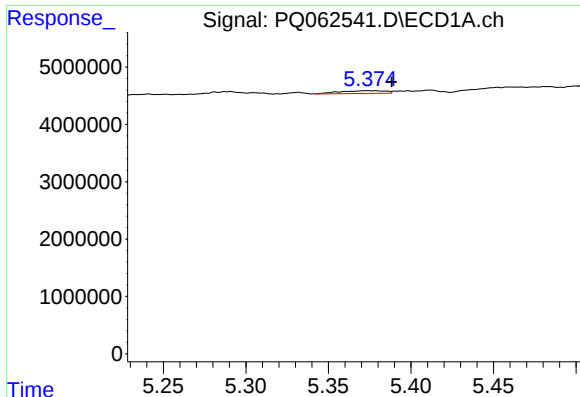
#24 AR-1248-4

R.T.: 5.374 min
Delta R.T.: 0.021 min
Response: 933688
Conc: 4.86 ng/ml



#24 AR-1248-4

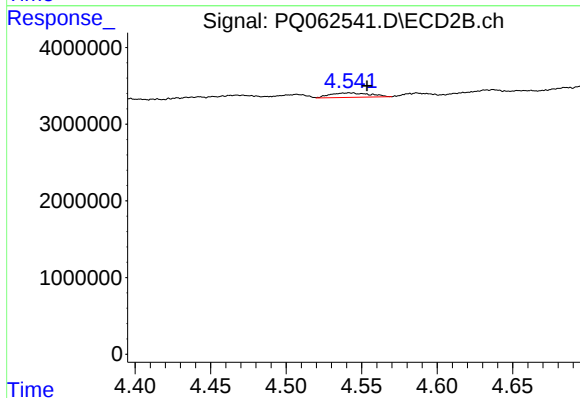
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 156215
Conc: 1.38 ng/ml



#25 AR-1248-5

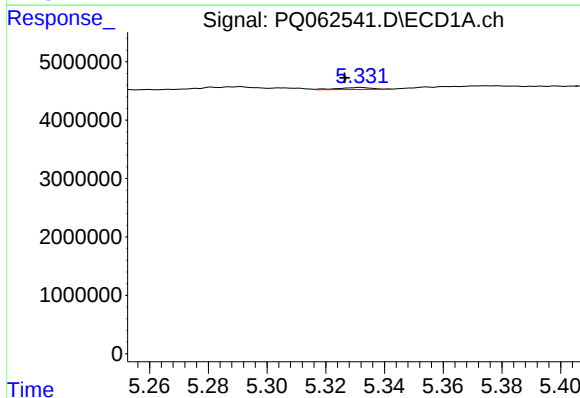
R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 933688
Conc: 5.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



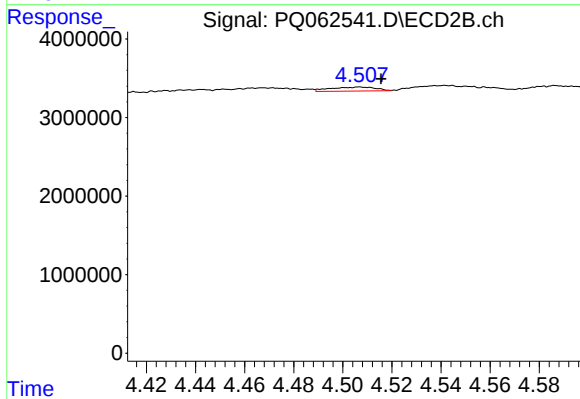
#25 AR-1248-5

R.T.: 4.545 min
Delta R.T.: -0.009 min
Response: 1072308
Conc: 9.57 ng/ml



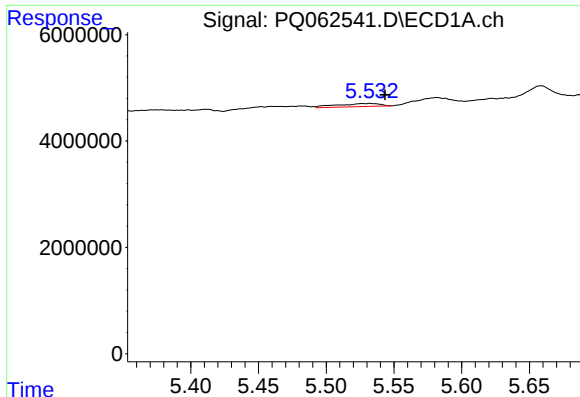
#26 AR-1254-1

R.T.: 5.332 min
Delta R.T.: 0.005 min
Response: 263061
Conc: 1.42 ng/ml



#26 AR-1254-1

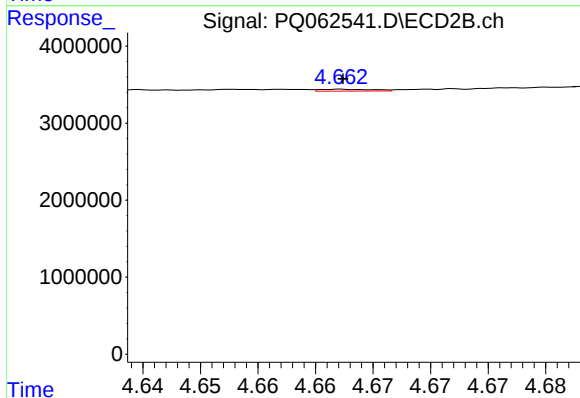
R.T.: 4.507 min
Delta R.T.: -0.009 min
Response: 668984
Conc: 4.14 ng/ml



#27 AR-1254-2

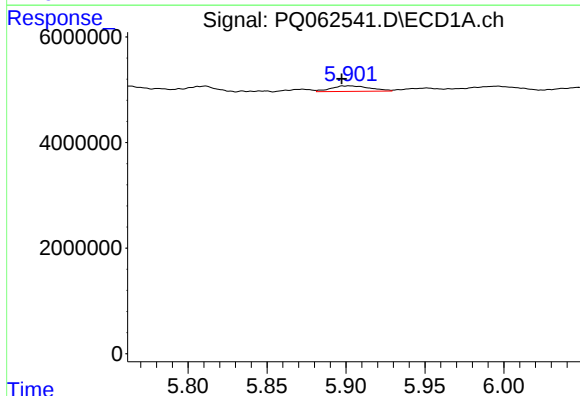
R.T.: 5.532 min
Delta R.T.: -0.011 min
Response: 1241871
Conc: 4.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



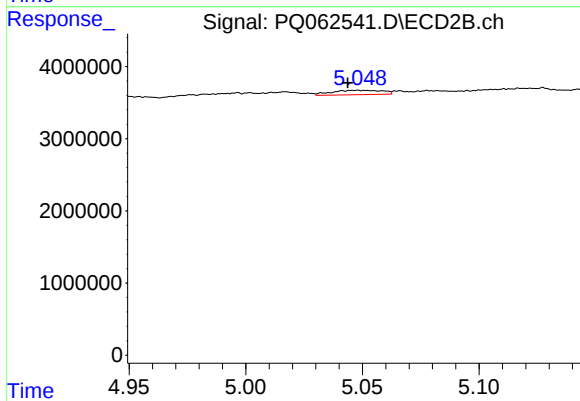
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 80749
Conc: 0.55 ng/ml



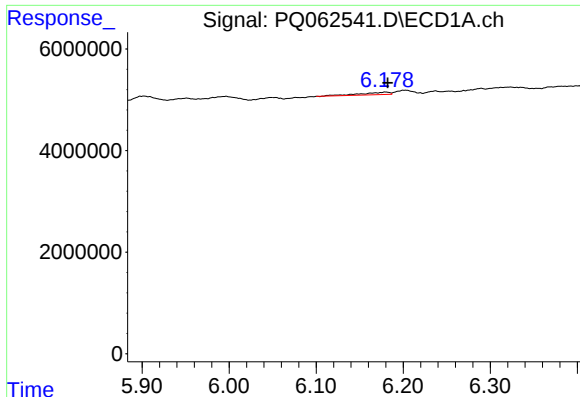
#28 AR-1254-3

R.T.: 5.902 min
Delta R.T.: 0.005 min
Response: 1792856
Conc: 5.84 ng/ml



#28 AR-1254-3

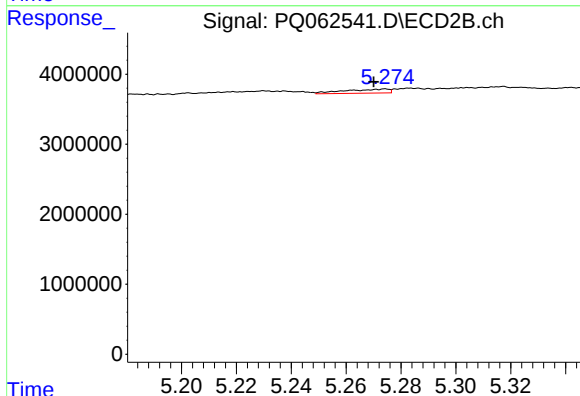
R.T.: 5.048 min
Delta R.T.: 0.004 min
Response: 913703
Conc: 3.91 ng/ml



#29 AR-1254-4

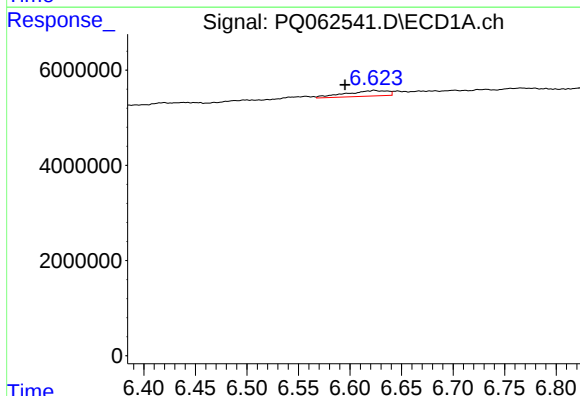
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 1104901
Conc: 4.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



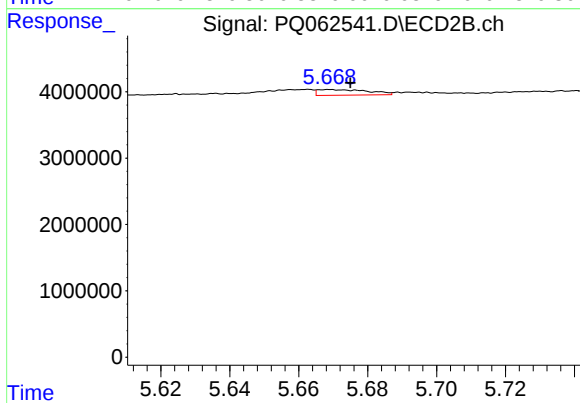
#29 AR-1254-4

R.T.: 5.274 min
Delta R.T.: 0.004 min
Response: 653492
Conc: 4.29 ng/ml



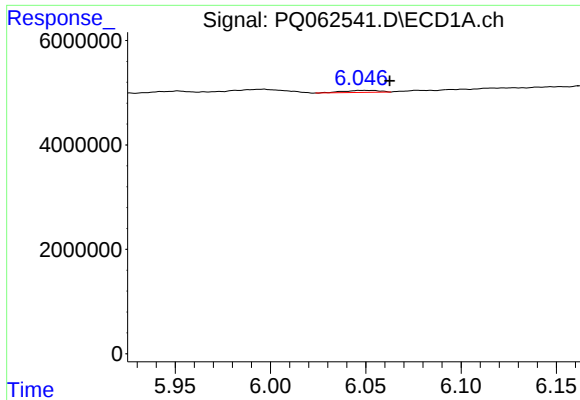
#30 AR-1254-5

R.T.: 6.624 min
Delta R.T.: 0.029 min
Response: 3304136
Conc: 12.86 ng/ml



#30 AR-1254-5

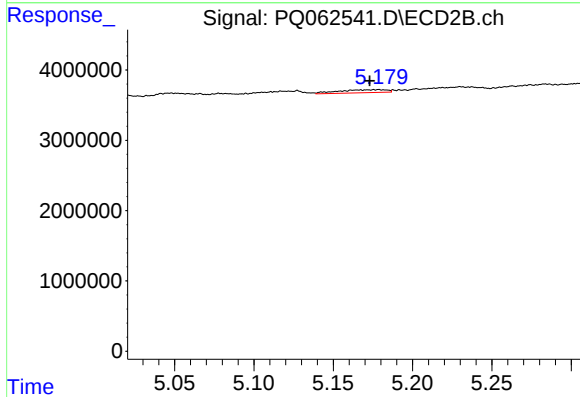
R.T.: 5.669 min
Delta R.T.: -0.006 min
Response: 864556
Conc: 3.75 ng/ml



#31 AR-1260-1

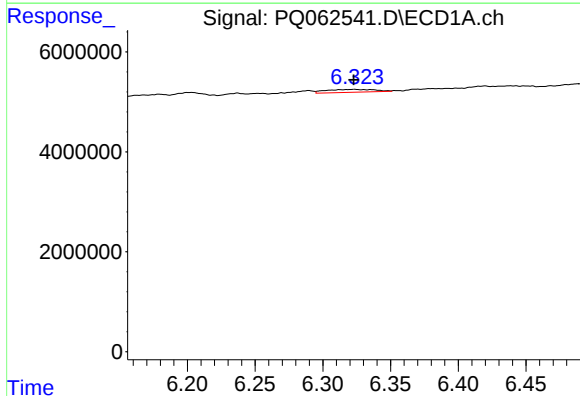
R.T.: 6.049 min
Delta R.T.: -0.014 min
Response: 513274
Conc: 2.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



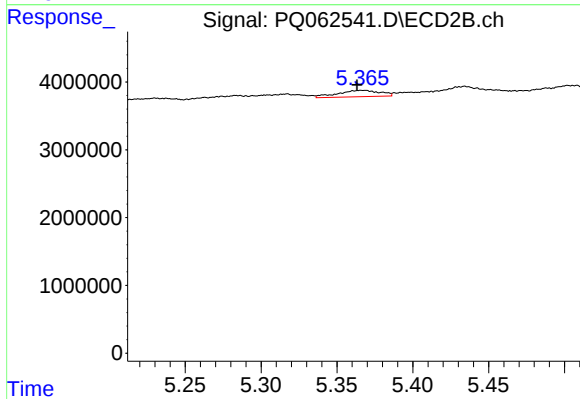
#31 AR-1260-1

R.T.: 5.179 min
Delta R.T.: 0.006 min
Response: 919428
Conc: 5.52 ng/ml



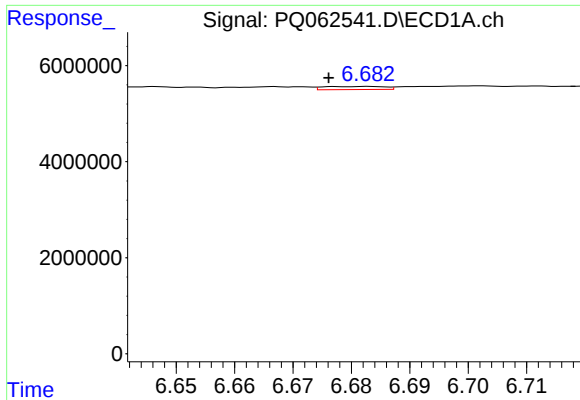
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 1418433
Conc: 4.91 ng/ml



#32 AR-1260-2

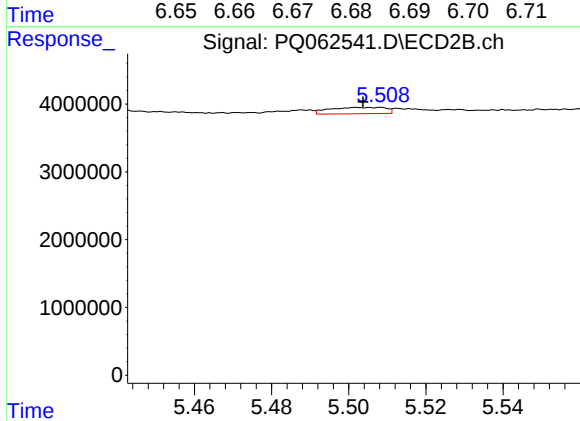
R.T.: 5.366 min
Delta R.T.: 0.003 min
Response: 1840521
Conc: 8.85 ng/ml



#33 AR-1260-3

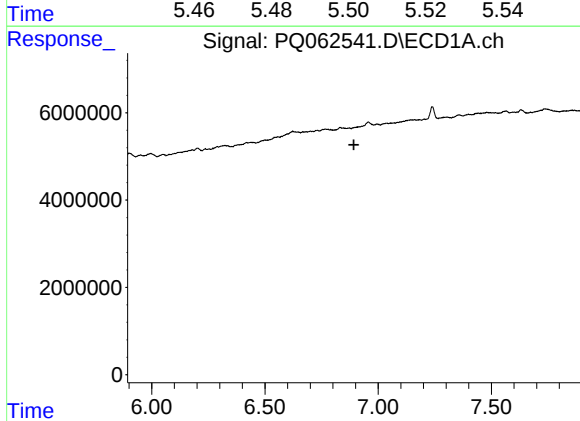
R.T.: 6.683 min
Delta R.T.: 0.007 min
Response: 472996
Conc: 2.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



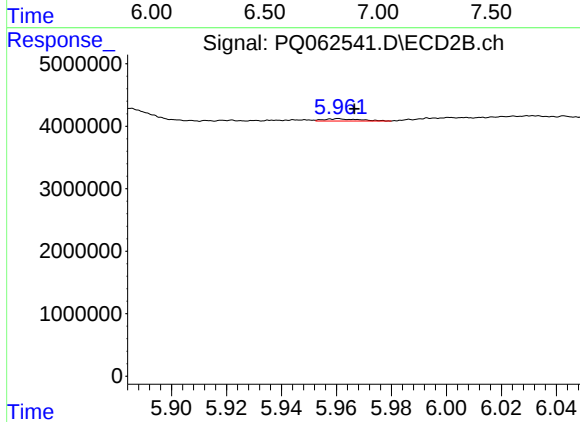
#33 AR-1260-3

R.T.: 5.508 min
Delta R.T.: 0.005 min
Response: 941780
Conc: 4.84 ng/ml



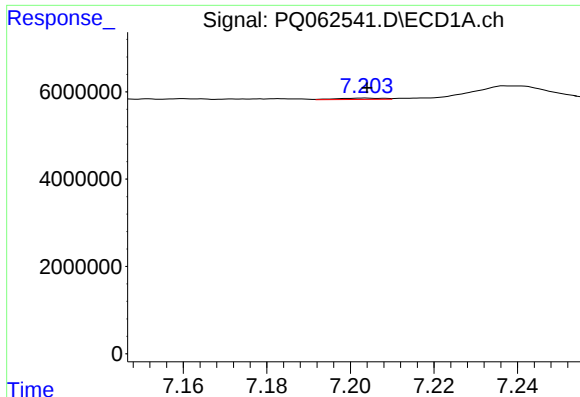
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.893 min
Response: 0
Conc: N.D.



#34 AR-1260-4

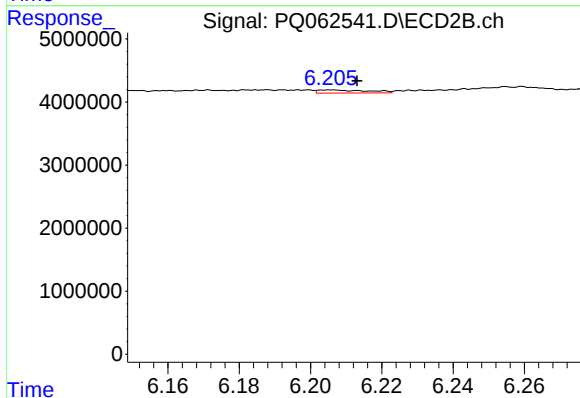
R.T.: 5.961 min
Delta R.T.: -0.006 min
Response: 331157
Conc: 2.27 ng/ml



#35 AR-1260-5

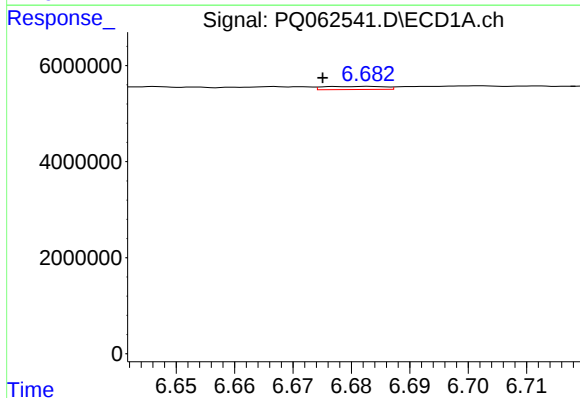
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 223854
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



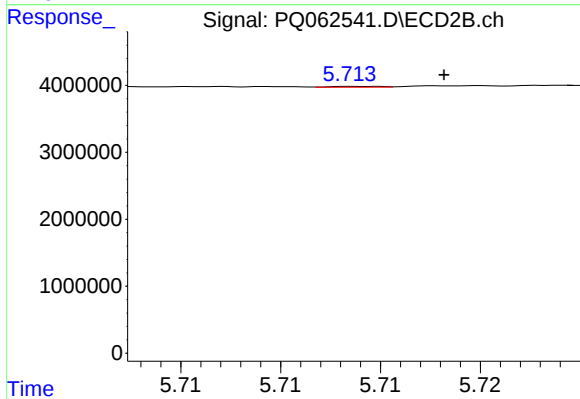
#35 AR-1260-5

R.T.: 6.206 min
Delta R.T.: -0.007 min
Response: 478080
Conc: 1.44 ng/ml



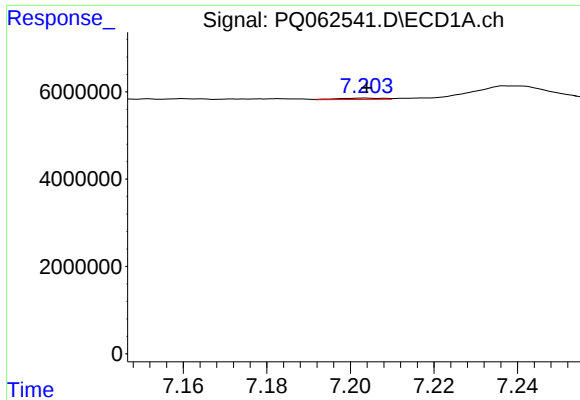
#36 AR-1262-1

R.T.: 6.683 min
Delta R.T.: 0.008 min
Response: 472996
Conc: 1.55 ng/ml



#36 AR-1262-1

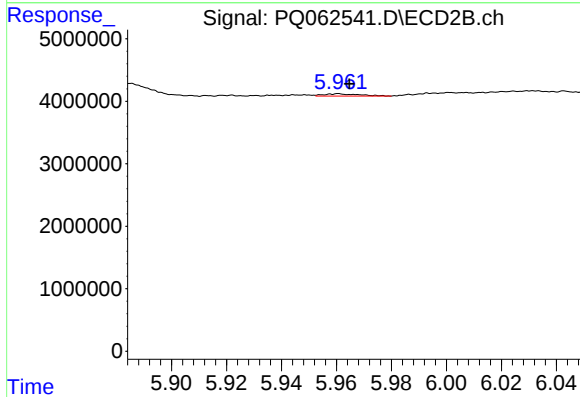
R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 24141
Conc: 0.10 ng/ml



#37 AR-1262-2

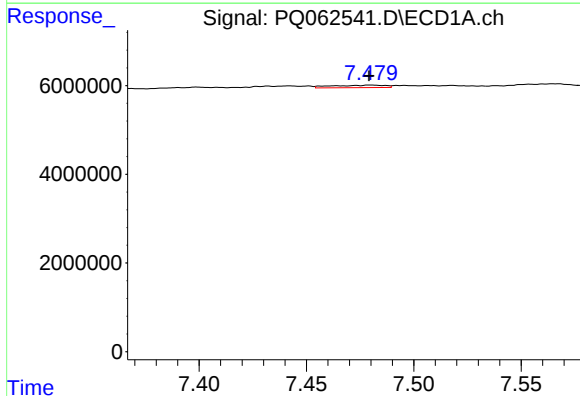
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 223854
Conc: 0.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



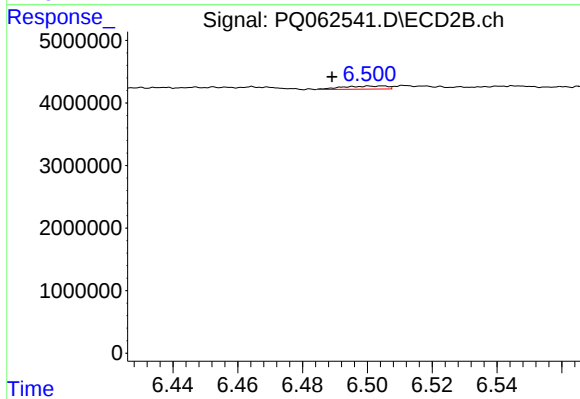
#37 AR-1262-2

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 331157
Conc: 1.53 ng/ml



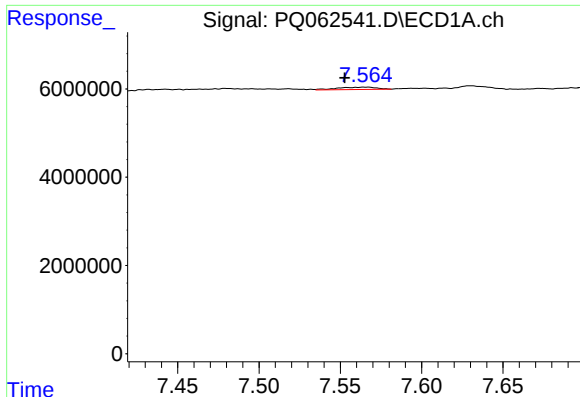
#38 AR-1262-3

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 956717
Conc: 2.72 ng/ml



#38 AR-1262-3

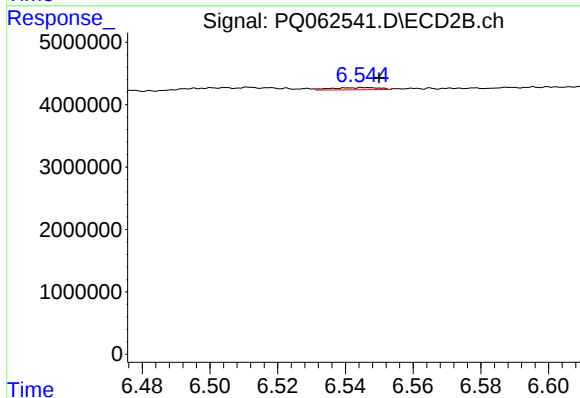
R.T.: 6.505 min
Delta R.T.: 0.016 min
Response: 480472
Conc: 2.76 ng/ml



#39 AR-1262-4

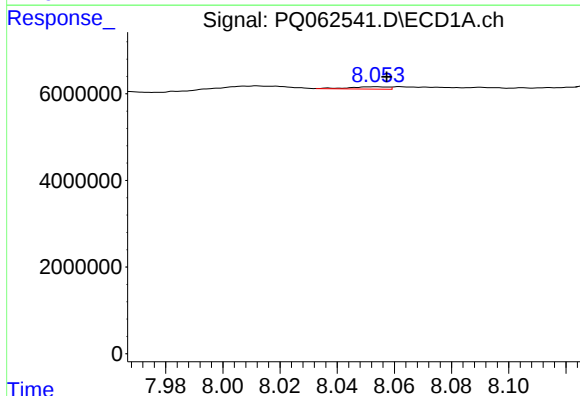
R.T.: 7.566 min
Delta R.T.: 0.013 min
Response: 911397
Conc: 3.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



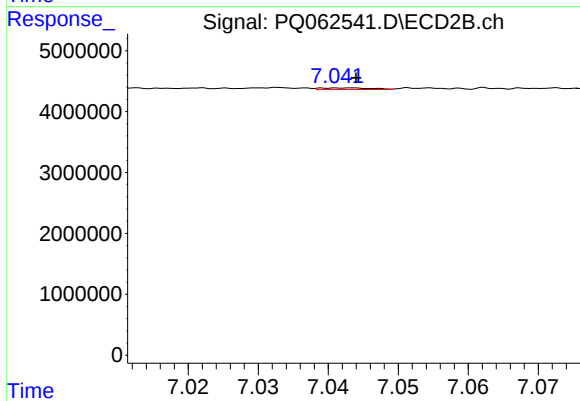
#39 AR-1262-4

R.T.: 6.541 min
Delta R.T.: -0.009 min
Response: 335251
Conc: 1.04 ng/ml



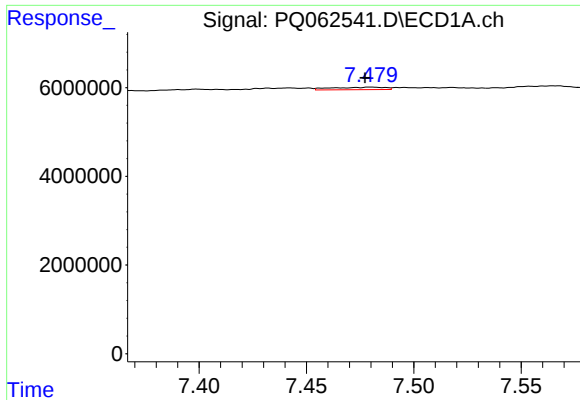
#40 AR-1262-5

R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 519906
Conc: 2.93 ng/ml



#40 AR-1262-5

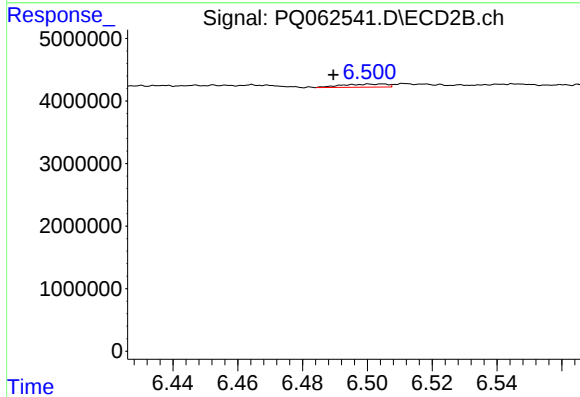
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 142009
Conc: 0.92 ng/ml



#41 AR-1268-1

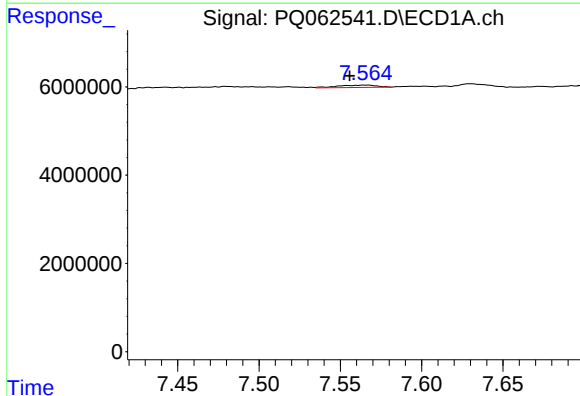
R.T.: 7.480 min
Delta R.T.: 0.003 min
Response: 956717
Conc: 1.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



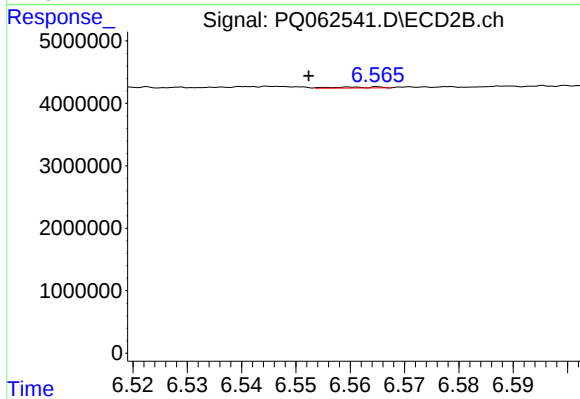
#41 AR-1268-1

R.T.: 6.505 min
Delta R.T.: 0.015 min
Response: 480472
Conc: 1.02 ng/ml



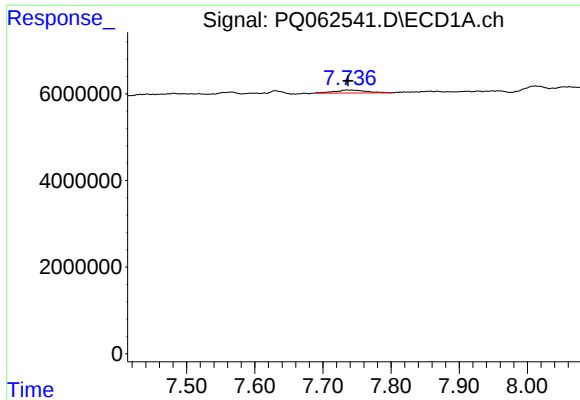
#42 AR-1268-2

R.T.: 7.566 min
Delta R.T.: 0.010 min
Response: 911397
Conc: 1.79 ng/ml



#42 AR-1268-2

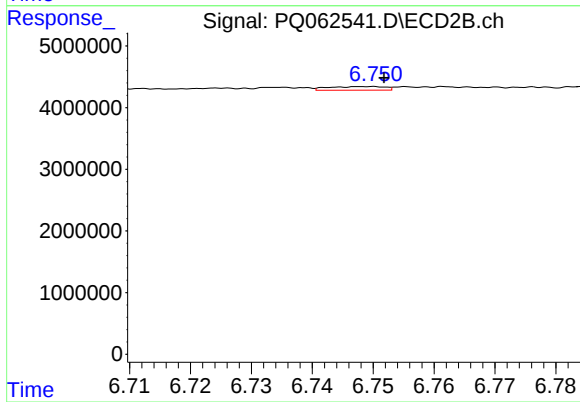
R.T.: 6.560 min
Delta R.T.: 0.008 min
Response: 96296
Conc: 0.23 ng/ml



#43 AR-1268-3

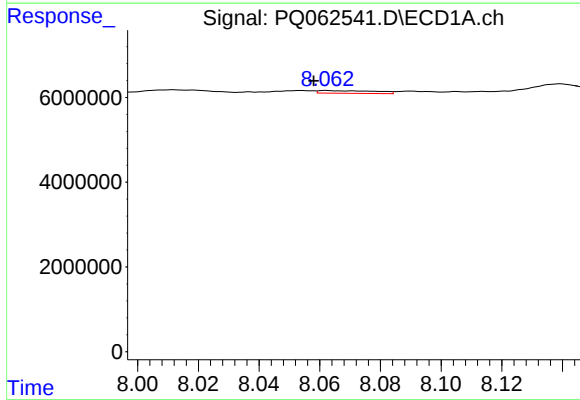
R.T.: 7.736 min
Delta R.T.: -0.001 min
Response: 2157646
Conc: 5.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



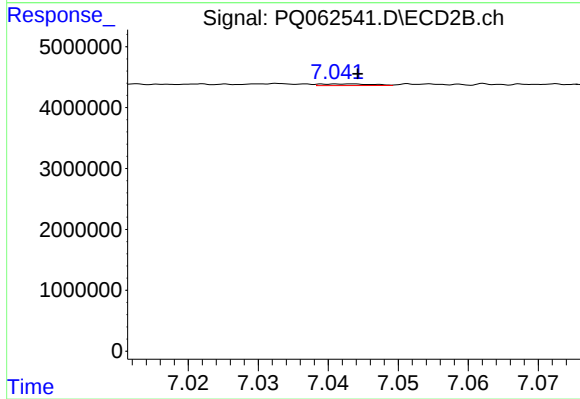
#43 AR-1268-3

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 377590
Conc: 1.03 ng/ml



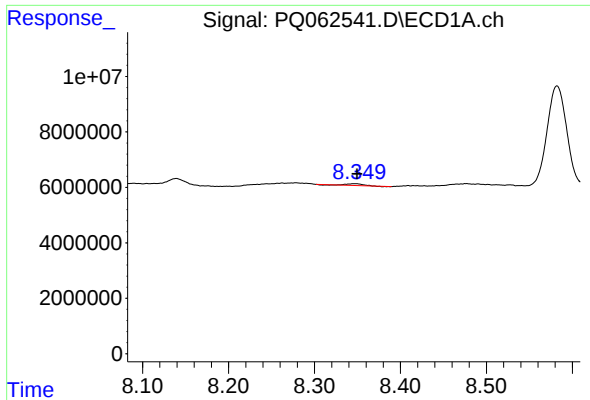
#44 AR-1268-4

R.T.: 8.062 min
Delta R.T.: 0.004 min
Response: 810885
Conc: 4.43 ng/ml



#44 AR-1268-4

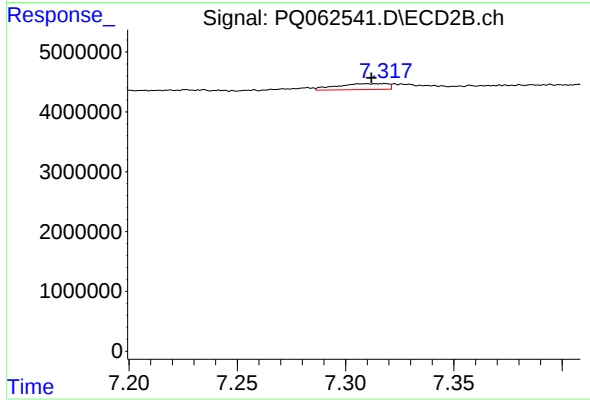
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 142009
Conc: 0.89 ng/ml



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 785726
Conc: 0.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.006 min
Response: 1595675
Conc: 1.37 ng/ml