

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 13:36
 Operator : YP\AJ
 Sample : PB154985BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 01:20:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.454	2.783	100.3E6	93287337	18.661	22.619
2)	SA Decachlor...	8.686	7.590	91974178	91285334	23.755	21.105
Target Compounds							
3)	L1 AR-1016-1	4.577	3.797	912229	296772	4.688	1.862 #
4)	L1 AR-1016-2	4.577	3.820	912229	181356	3.288	0.849 #
5)	L1 AR-1016-3	4.638	3.979	287312	1088170	1.680	9.102 #
6)	L1 AR-1016-4	4.721	4.022	249703	2215563	1.774	22.835 #
7)	L1 AR-1016-5	5.020	4.220	2933999	2866414	21.324	22.778
8)	L2 AR-1221-1	3.660	2.989	389510	106857	5.724	1.947 #
9)	L2 AR-1221-2	3.734	3.053	1597103	984505	33.474	26.101
10)	L2 AR-1221-3	3.786	3.130	1086544	74365	7.040	0.618 #
11)	L3 AR-1232-1	3.786	3.130	1086544	74365	8.410	0.763 #
12)	L3 AR-1232-2	4.313	3.809	1750829	131091	25.104	1.348 #
13)	L3 AR-1232-3	4.577	3.979	912229	1088170	7.466	20.494 #
14)	L3 AR-1232-4	4.721	4.059	249703	4938649	4.138	107.600 #
15)	L3 AR-1232-5	4.833	4.220	761352	2866414	17.444	52.864 #
16)	L4 AR-1242-1	4.577	3.797	912229	296772	5.405	2.055 #
17)	L4 AR-1242-2	4.577	3.809	912229	131091	3.783	0.690 #
18)	L4 AR-1242-3	4.638	3.979	287312	1088170	1.961	10.082 #
19)	L4 AR-1242-4	4.721	4.059	249703	4938649	2.018	49.570 #
20)	L4 AR-1242-5	5.474	4.562	11157129	745050	84.423	5.511 #
21)	L5 AR-1248-1	4.577	3.797	912229	296772	6.851	2.657 #
22)	L5 AR-1248-2	4.833	4.022	761352	2215563	4.357	14.030 #
23)	L5 AR-1248-3	5.020	4.059	2933999	4938649	13.874	32.385 #
24)	L5 AR-1248-4	5.396f	4.220	24512801	2866414	102.882	15.074 #
25)	L5 AR-1248-5	5.474	4.610	11157129	838849	48.012	4.337 #
26)	L6 AR-1254-1	5.396	4.562	24512801	745050	111.928	2.777 #
27)	L6 AR-1254-2	5.610	4.704	3907662	1832852	11.539	7.809 #
28)	L6 AR-1254-3	5.951	5.090	8576357	2649336	23.922	7.006 #
29)	L6 AR-1254-4	6.261	5.313	10489534	4150702	38.715	16.990 #
30)	L6 AR-1254-5	6.672	5.723	4878024	489431	17.646	1.418 #
31)	L7 AR-1260-1	6.139	5.228	8803711	1359404	34.438	5.447 #
32)	L7 AR-1260-2	6.399	5.407	10377208	1191772	34.190	3.870 #
33)	L7 AR-1260-3	6.787f	5.548	836977	811211	3.970	2.618 #
34)	L7 AR-1260-4	0.000	6.054f	0	1659605	N.D.	6.768 #
35)	L7 AR-1260-5	0.000	6.253	0	1102378	N.D.	2.017 #
36)	L8 AR-1262-1	6.787f	5.848f	836977	235712	2.592	1.651 #
37)	L8 AR-1262-2	0.000	6.054f	0	1659605	N.D.	5.311 #
39)	L8 AR-1262-4	7.637	6.656f	230076	479745	0.821	1.026 #
40)	L8 AR-1262-5	8.137	7.128	226620	553147	1.206	2.517 #
42)	L9 AR-1268-2	7.637	6.656f	230076	479745	0.384	0.699 #
43)	L9 AR-1268-3	7.814	6.811	222990	1470185	0.453	2.505 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 01:20:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
 Response via : Initial Calibration
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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
44) L9	AR-1268-4	8.137	7.128	226620	553147	1.056	2.172 #
45) L9	AR-1268-5	8.444	7.369	842404	1147199	0.547	0.648

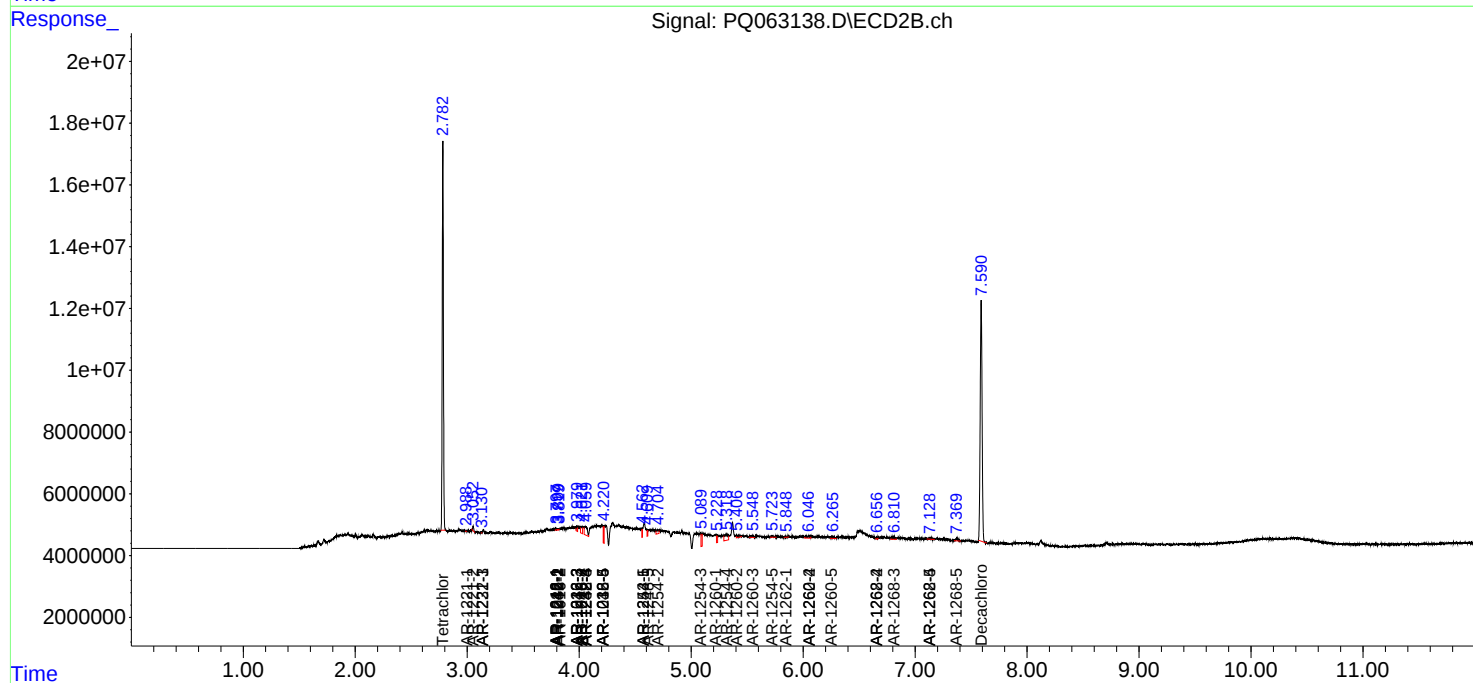
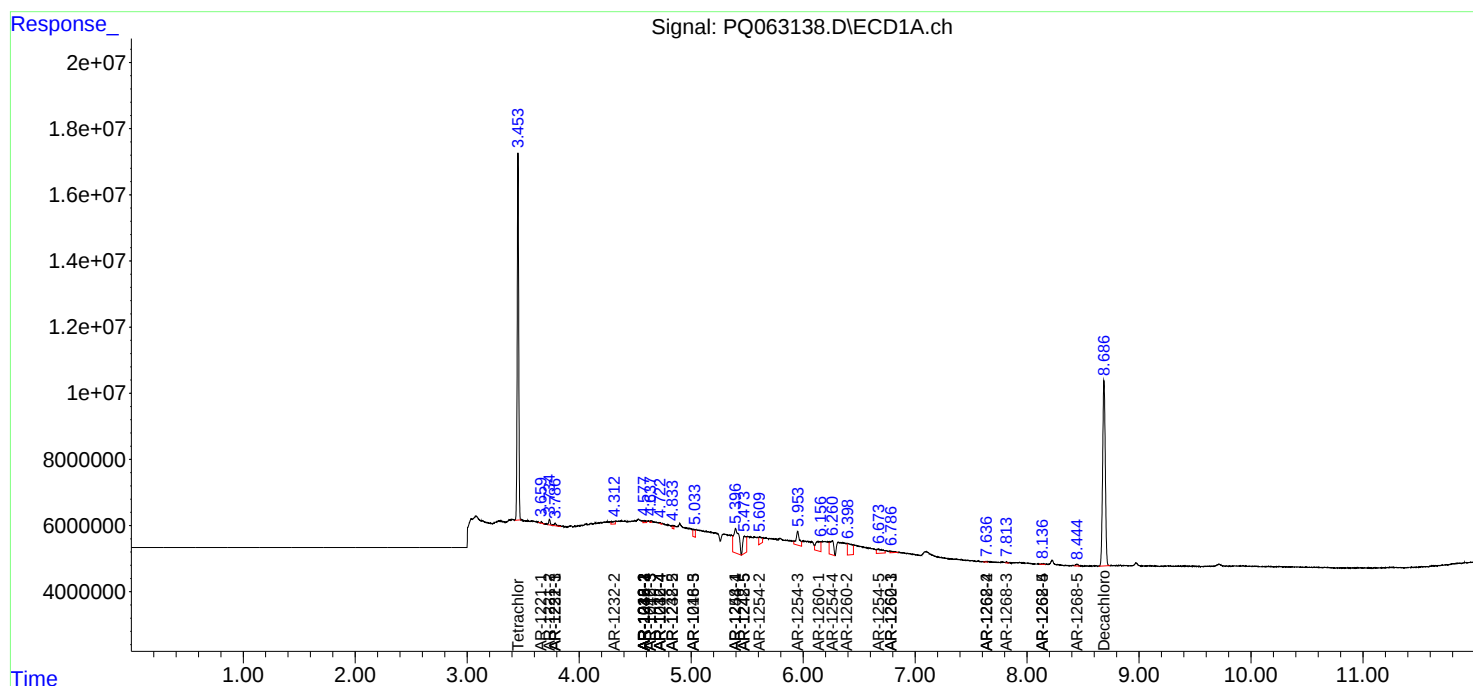
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

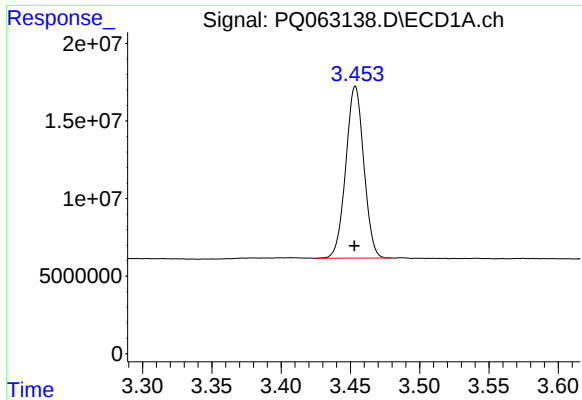
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

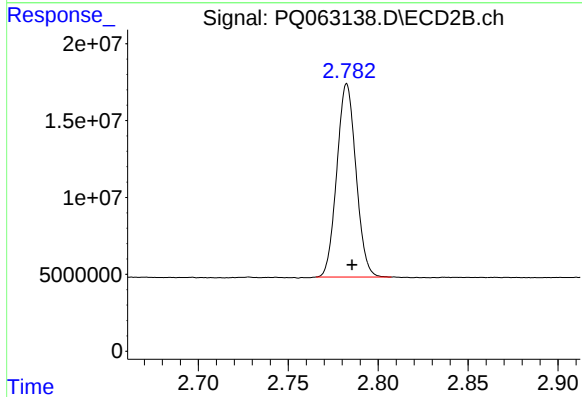




#1 Tetrachloro-m-xylene

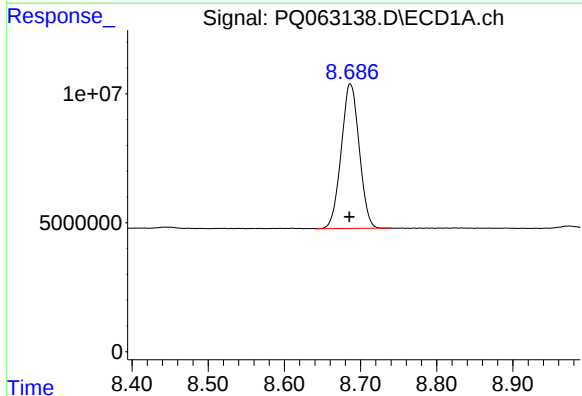
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 100270900
Conc: 18.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



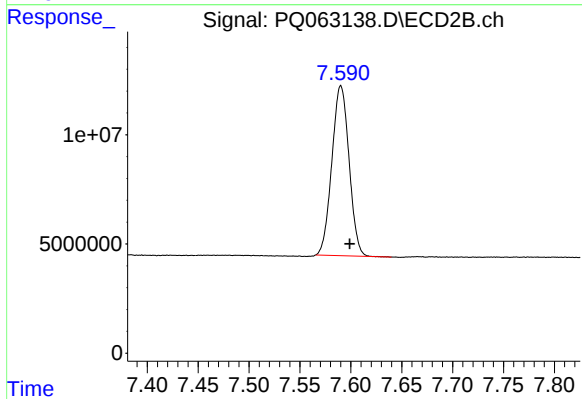
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 93287337
Conc: 22.62 ng/ml



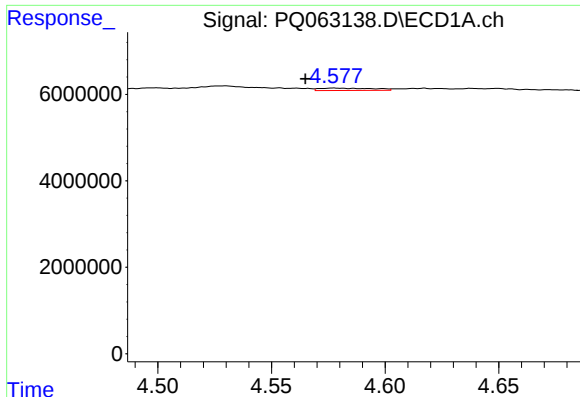
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 91974178
Conc: 23.75 ng/ml



#2 Decachlorobiphenyl

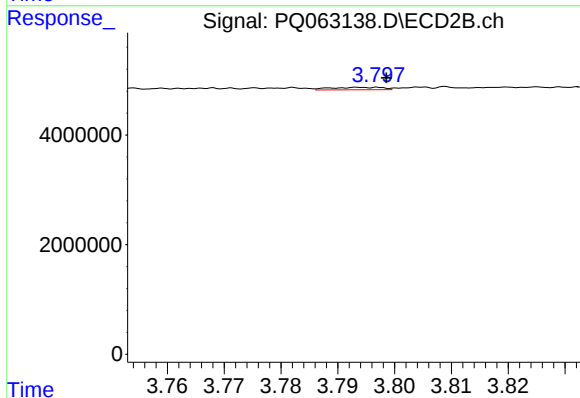
R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 91285334
Conc: 21.10 ng/ml



#3 AR-1016-1

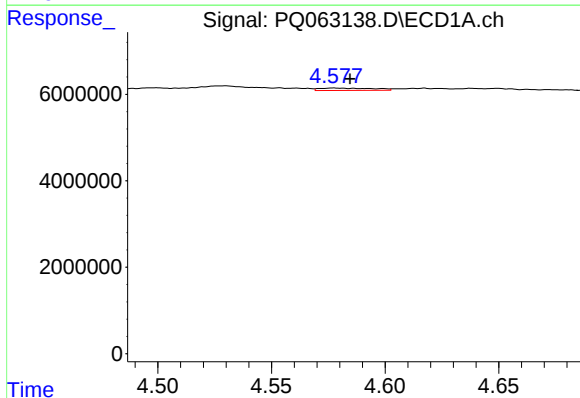
R.T.: 4.577 min
Delta R.T.: 0.012 min
Response: 912229
Conc: 4.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



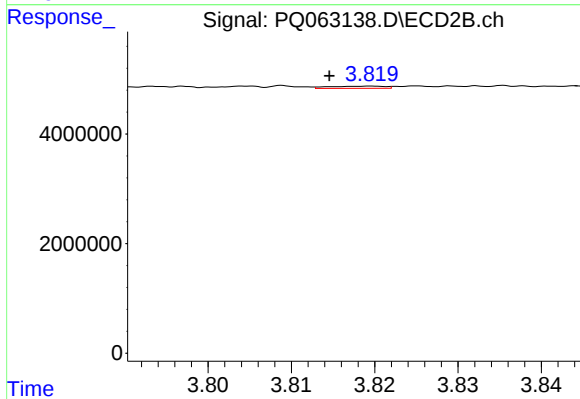
#3 AR-1016-1

R.T.: 3.797 min
Delta R.T.: -0.001 min
Response: 296772
Conc: 1.86 ng/ml



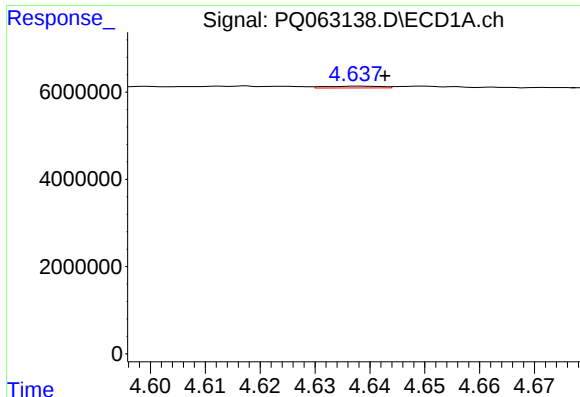
#4 AR-1016-2

R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 912229
Conc: 3.29 ng/ml



#4 AR-1016-2

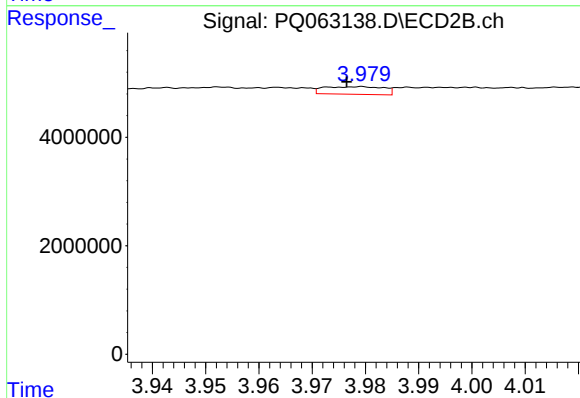
R.T.: 3.820 min
Delta R.T.: 0.005 min
Response: 181356
Conc: 0.85 ng/ml



#5 AR-1016-3

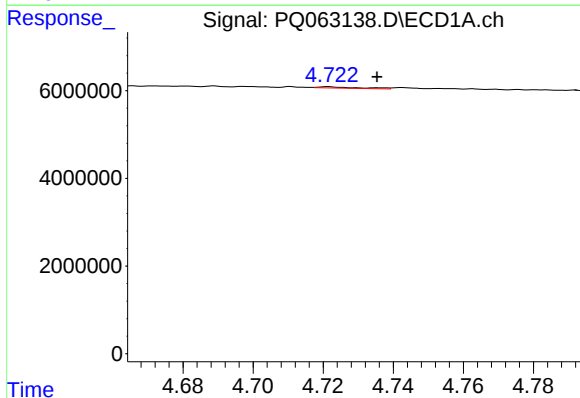
R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 287312
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



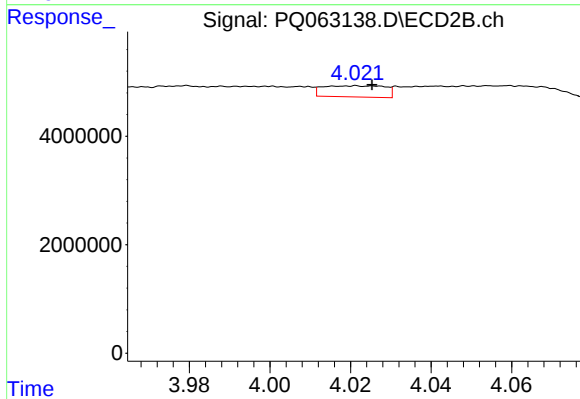
#5 AR-1016-3

R.T.: 3.979 min
Delta R.T.: 0.003 min
Response: 1088170
Conc: 9.10 ng/ml



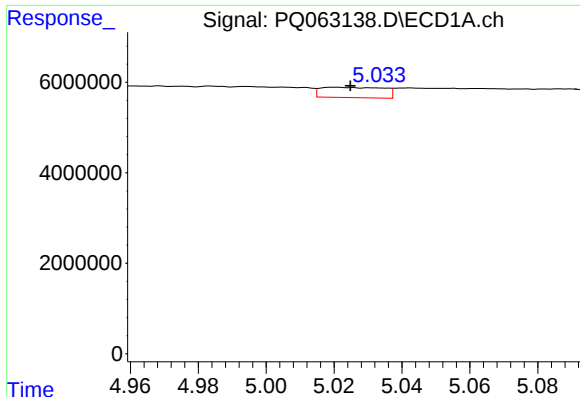
#6 AR-1016-4

R.T.: 4.721 min
Delta R.T.: -0.014 min
Response: 249703
Conc: 1.77 ng/ml



#6 AR-1016-4

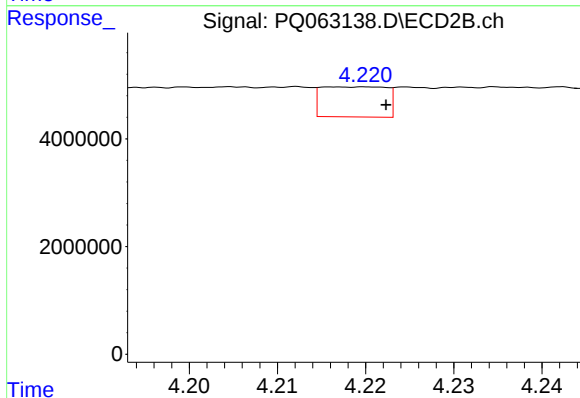
R.T.: 4.022 min
Delta R.T.: -0.004 min
Response: 2215563
Conc: 22.83 ng/ml



#7 AR-1016-5

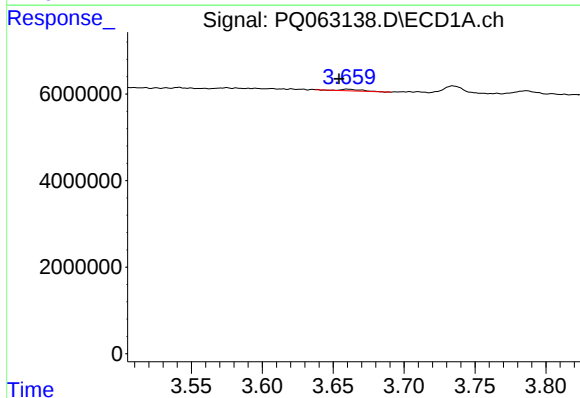
R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 2933999
Conc: 21.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



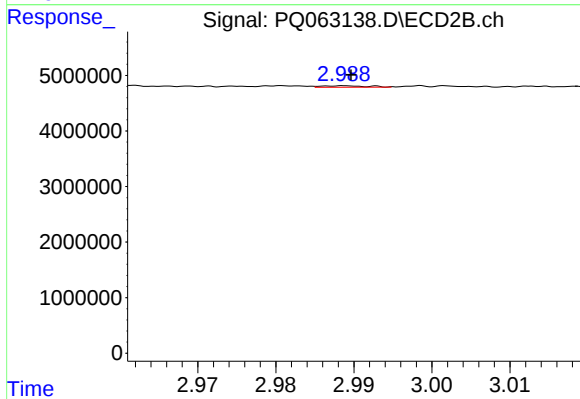
#7 AR-1016-5

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 2866414
Conc: 22.78 ng/ml



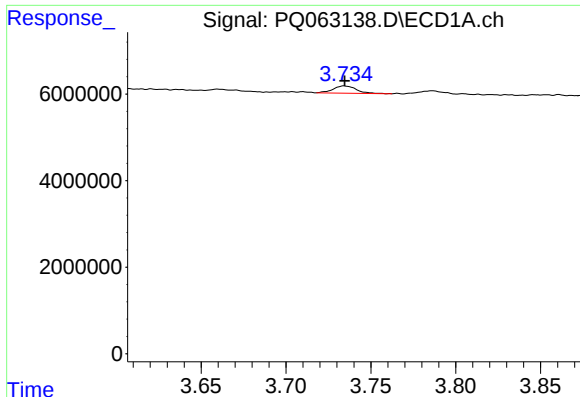
#8 AR-1221-1

R.T.: 3.660 min
Delta R.T.: 0.006 min
Response: 389510
Conc: 5.72 ng/ml



#8 AR-1221-1

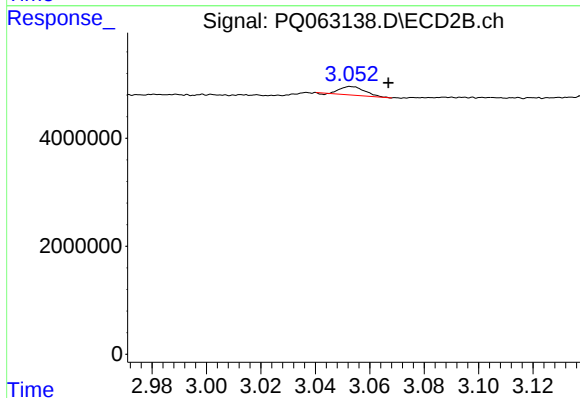
R.T.: 2.989 min
Delta R.T.: 0.000 min
Response: 106857
Conc: 1.95 ng/ml



#9 AR-1221-2

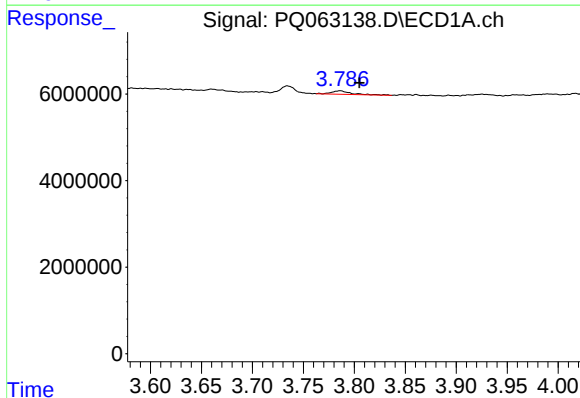
R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 1597103
Conc: 33.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



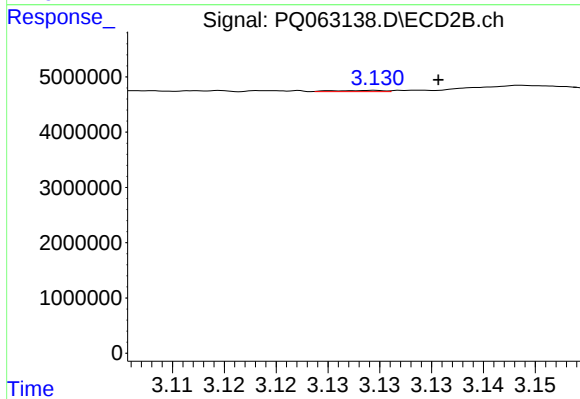
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: -0.014 min
Response: 984505
Conc: 26.10 ng/ml



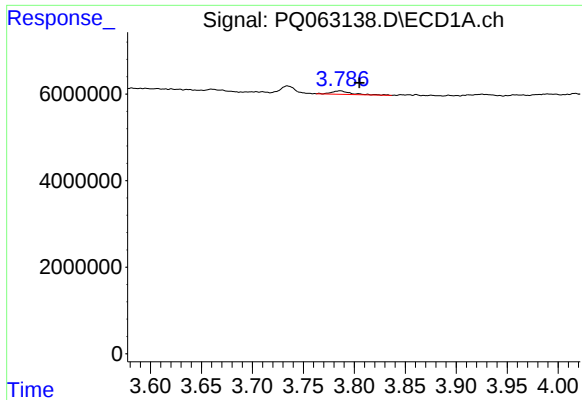
#10 AR-1221-3

R.T.: 3.786 min
Delta R.T.: -0.019 min
Response: 1086544
Conc: 7.04 ng/ml



#10 AR-1221-3

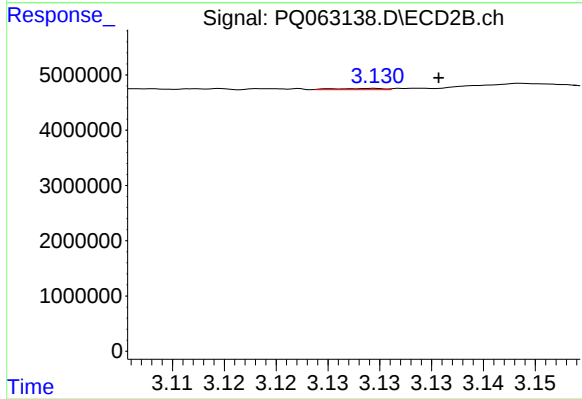
R.T.: 3.130 min
Delta R.T.: -0.006 min
Response: 74365
Conc: 0.62 ng/ml



#11 AR-1232-1

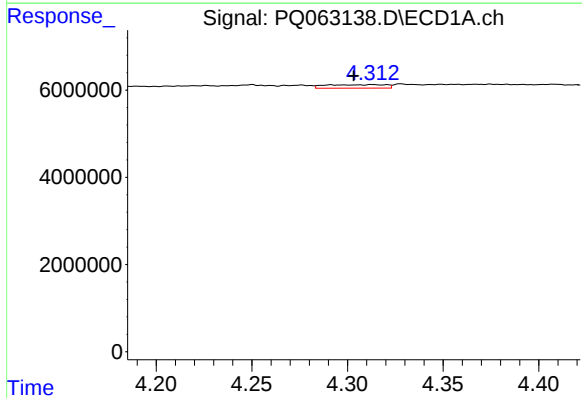
R.T.: 3.786 min
Delta R.T.: -0.019 min
Response: 1086544
Conc: 8.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



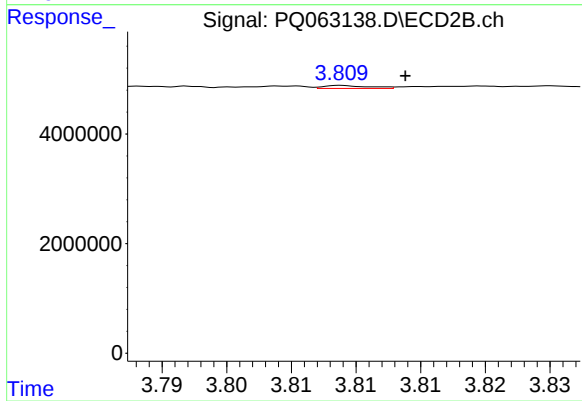
#11 AR-1232-1

R.T.: 3.130 min
Delta R.T.: -0.006 min
Response: 74365
Conc: 0.76 ng/ml



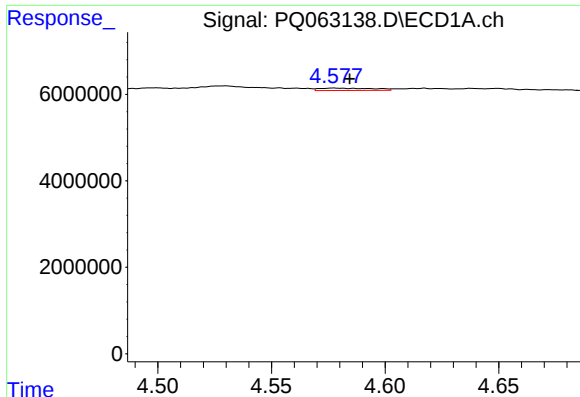
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.010 min
Response: 1750829
Conc: 25.10 ng/ml



#12 AR-1232-2

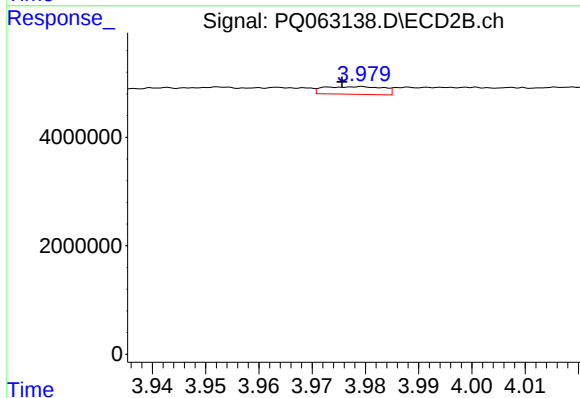
R.T.: 3.809 min
Delta R.T.: -0.005 min
Response: 131091
Conc: 1.35 ng/ml



#13 AR-1232-3

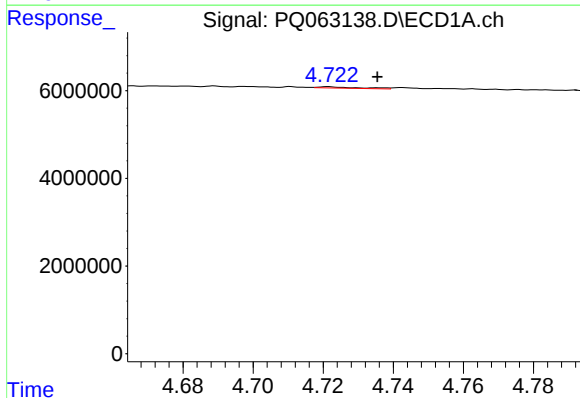
R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 912229
Conc: 7.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



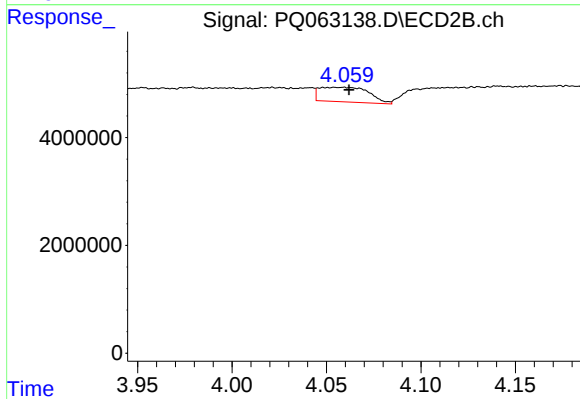
#13 AR-1232-3

R.T.: 3.979 min
Delta R.T.: 0.004 min
Response: 1088170
Conc: 20.49 ng/ml



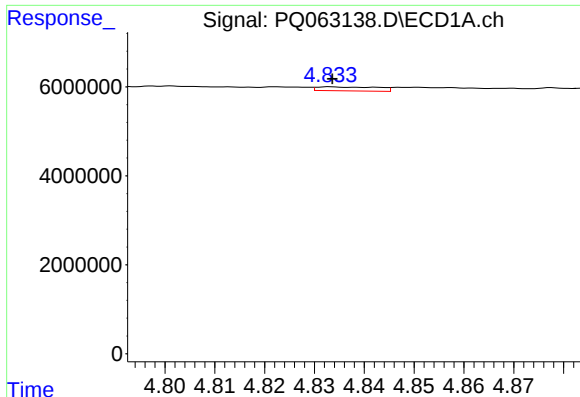
#14 AR-1232-4

R.T.: 4.721 min
Delta R.T.: -0.014 min
Response: 249703
Conc: 4.14 ng/ml



#14 AR-1232-4

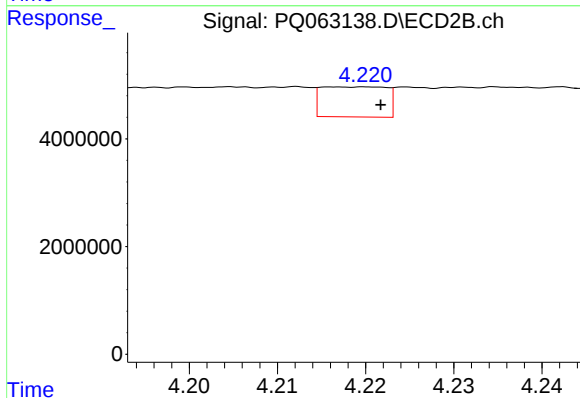
R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 4938649
Conc: 107.60 ng/ml



#15 AR-1232-5

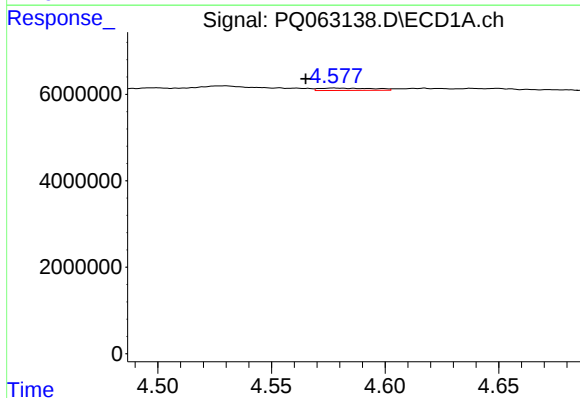
R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 761352
Conc: 17.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



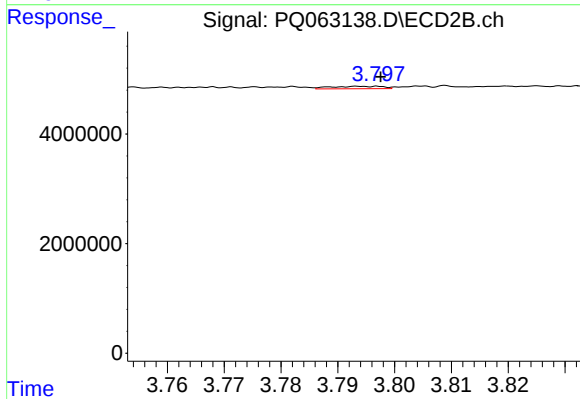
#15 AR-1232-5

R.T.: 4.220 min
Delta R.T.: -0.001 min
Response: 2866414
Conc: 52.86 ng/ml



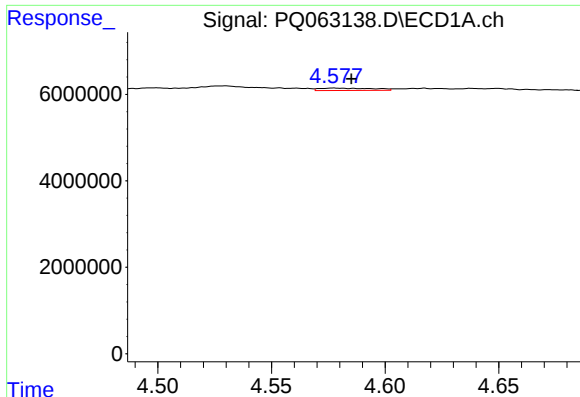
#16 AR-1242-1

R.T.: 4.577 min
Delta R.T.: 0.012 min
Response: 912229
Conc: 5.40 ng/ml



#16 AR-1242-1

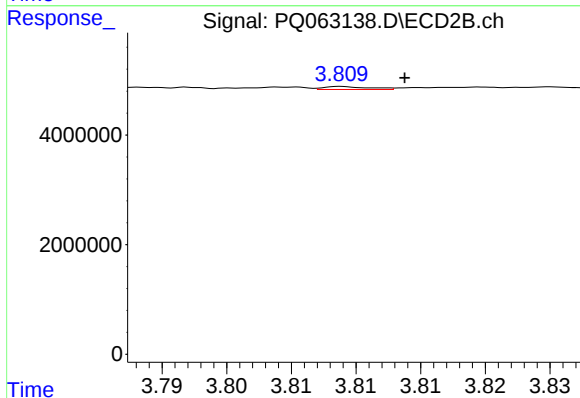
R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 296772
Conc: 2.05 ng/ml



#17 AR-1242-2

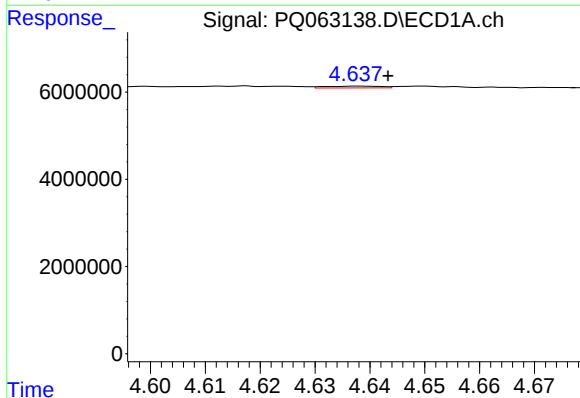
R.T.: 4.577 min
Delta R.T.: -0.008 min
Response: 912229
Conc: 3.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



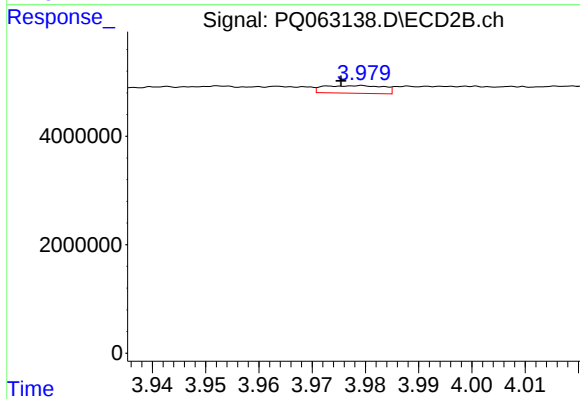
#17 AR-1242-2

R.T.: 3.809 min
Delta R.T.: -0.005 min
Response: 131091
Conc: 0.69 ng/ml



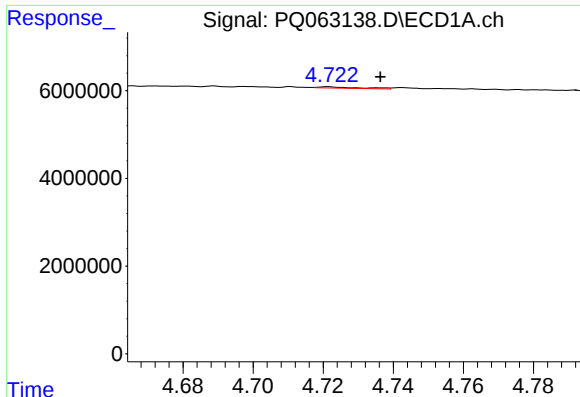
#18 AR-1242-3

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 287312
Conc: 1.96 ng/ml



#18 AR-1242-3

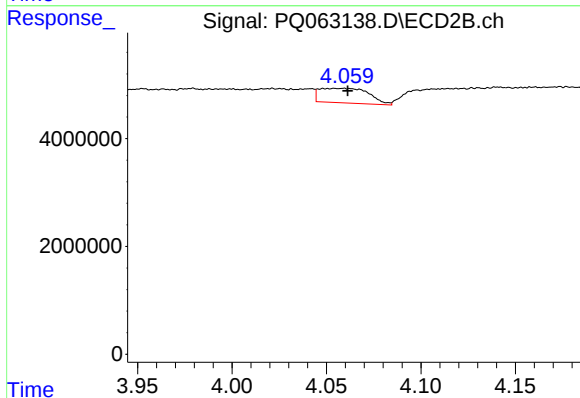
R.T.: 3.979 min
Delta R.T.: 0.004 min
Response: 1088170
Conc: 10.08 ng/ml



#19 AR-1242-4

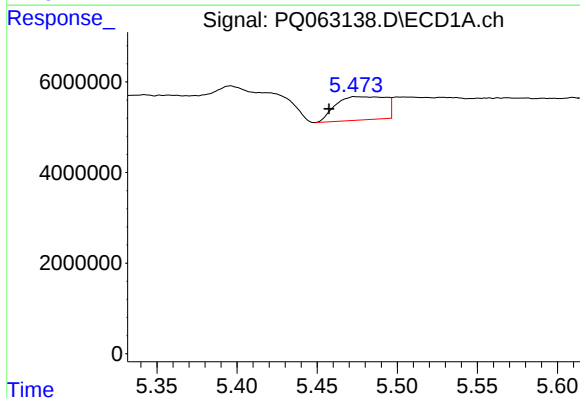
R.T.: 4.721 min
Delta R.T.: -0.015 min
Response: 249703
Conc: 2.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



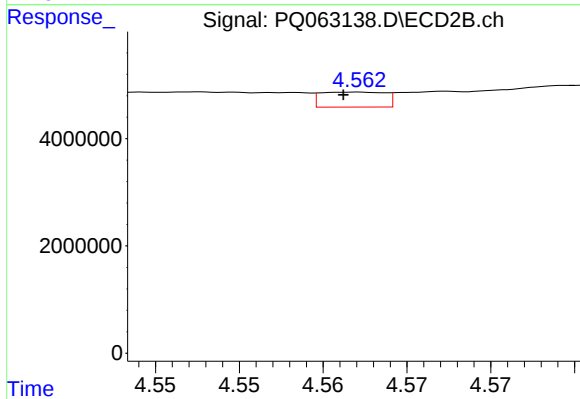
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 4938649
Conc: 49.57 ng/ml



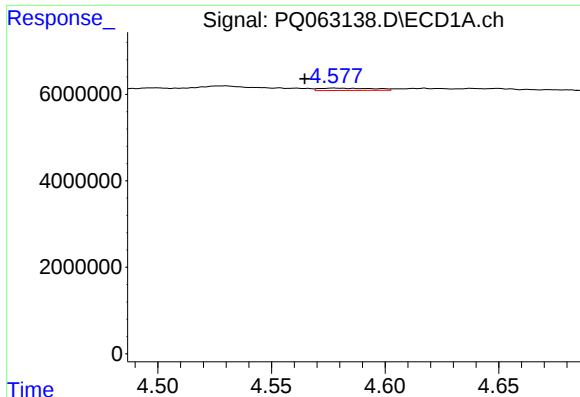
#20 AR-1242-5

R.T.: 5.474 min
Delta R.T.: 0.016 min
Response: 11157129
Conc: 84.42 ng/ml



#20 AR-1242-5

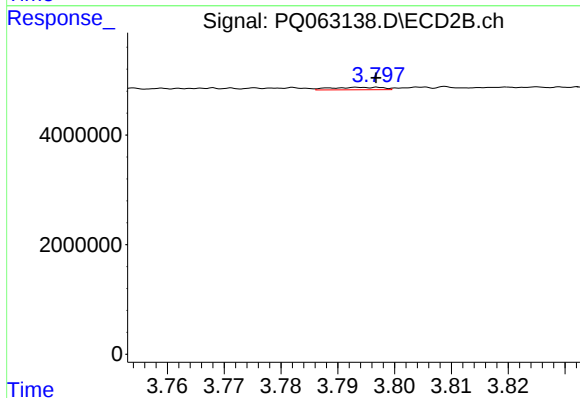
R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 745050
Conc: 5.51 ng/ml



#21 AR-1248-1

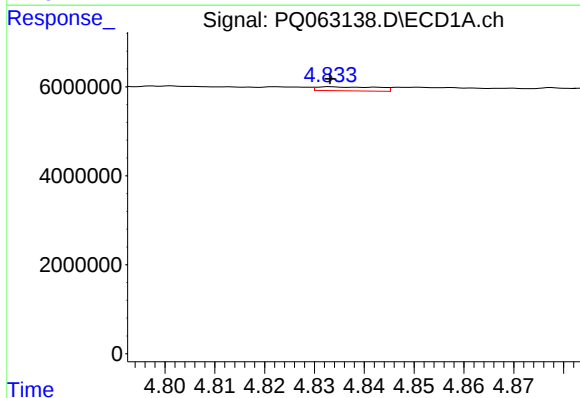
R.T.: 4.577 min
Delta R.T.: 0.013 min
Response: 912229
Conc: 6.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



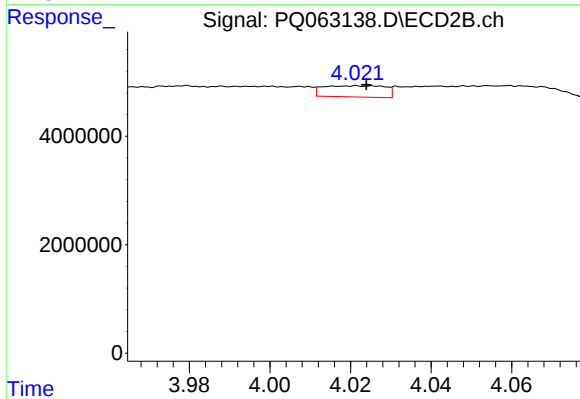
#21 AR-1248-1

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 296772
Conc: 2.66 ng/ml



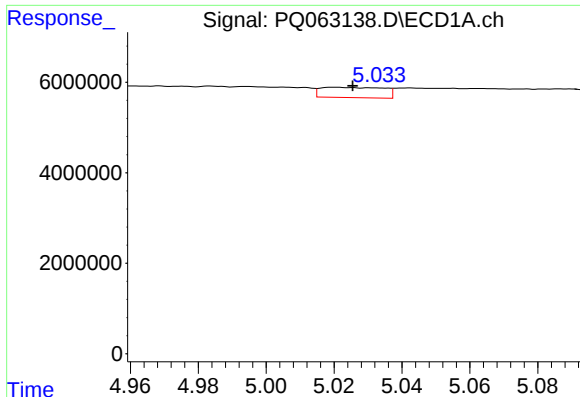
#22 AR-1248-2

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 761352
Conc: 4.36 ng/ml



#22 AR-1248-2

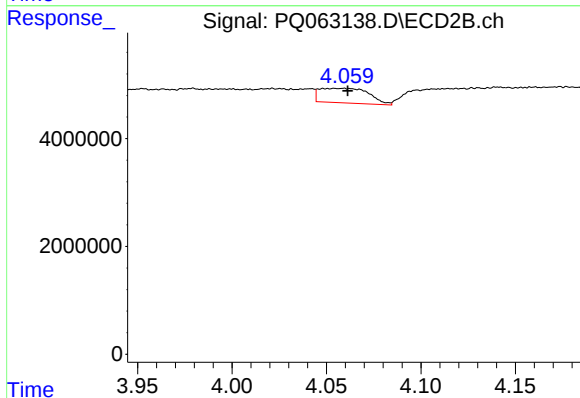
R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 2215563
Conc: 14.03 ng/ml



#23 AR-1248-3

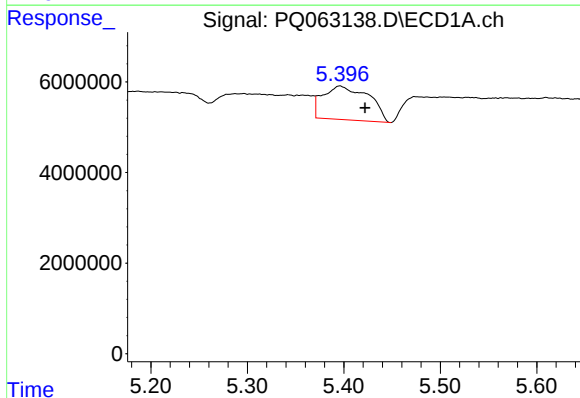
R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 2933999
Conc: 13.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



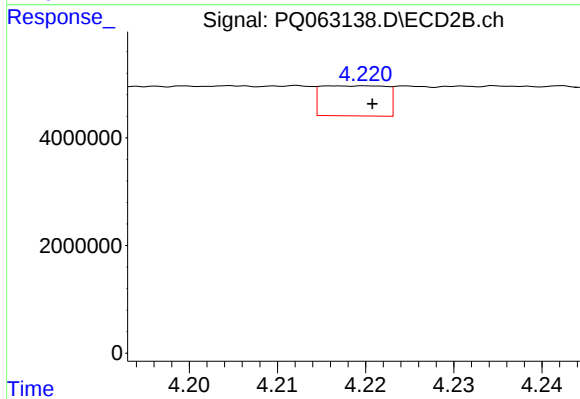
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 4938649
Conc: 32.38 ng/ml



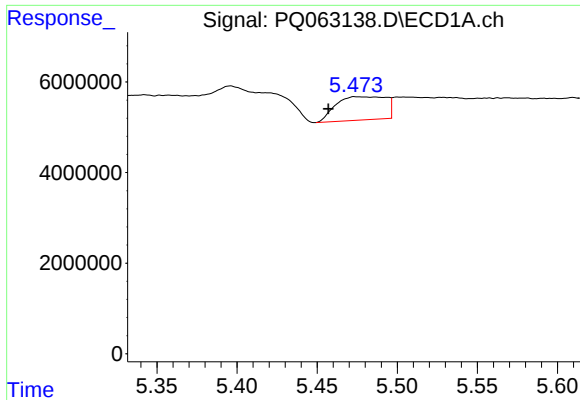
#24 AR-1248-4

R.T.: 5.396 min
Delta R.T.: -0.026 min
Response: 24512801
Conc: 102.88 ng/ml



#24 AR-1248-4

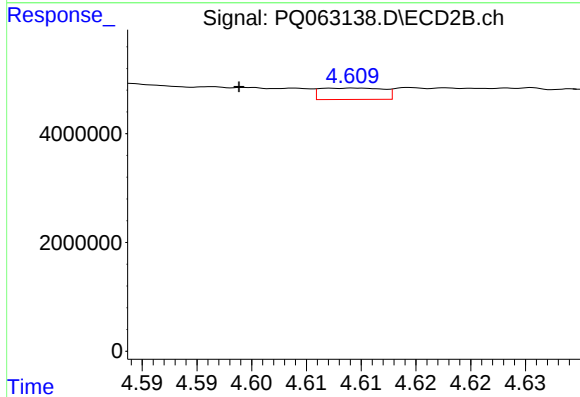
R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 2866414
Conc: 15.07 ng/ml



#25 AR-1248-5

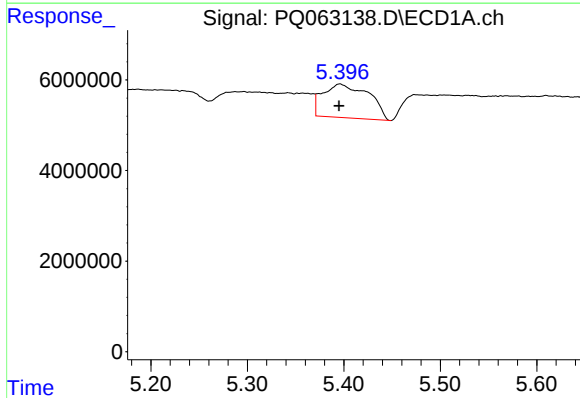
R.T.: 5.474 min
Delta R.T.: 0.017 min
Response: 11157129
Conc: 48.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



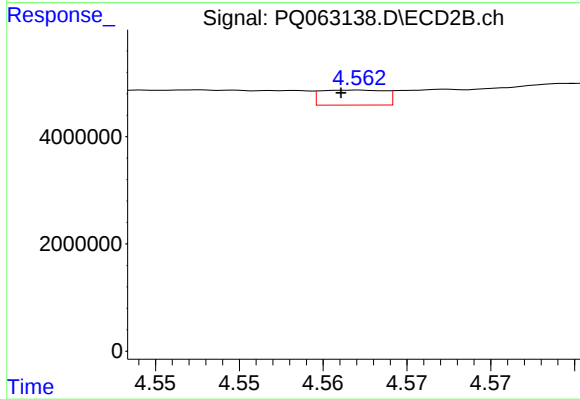
#25 AR-1248-5

R.T.: 4.610 min
Delta R.T.: 0.011 min
Response: 838849
Conc: 4.34 ng/ml



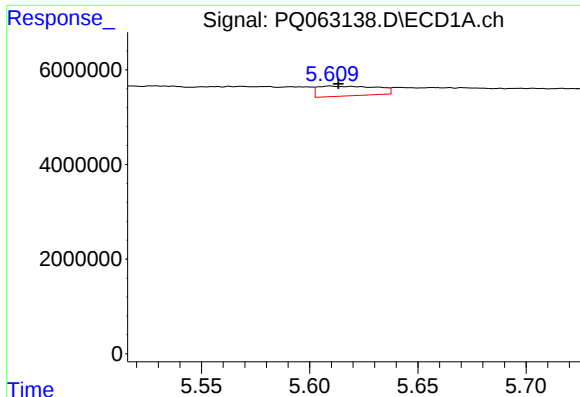
#26 AR-1254-1

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 24512801
Conc: 111.93 ng/ml



#26 AR-1254-1

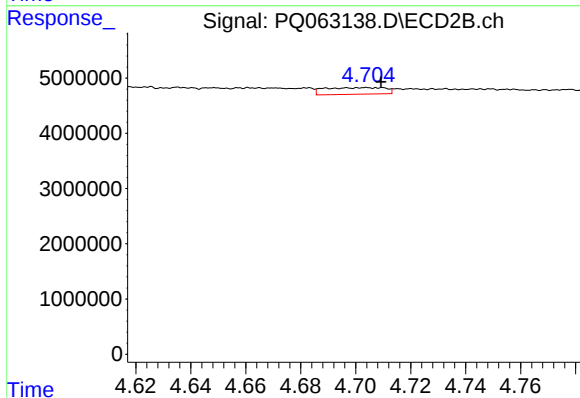
R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 745050
Conc: 2.78 ng/ml



#27 AR-1254-2

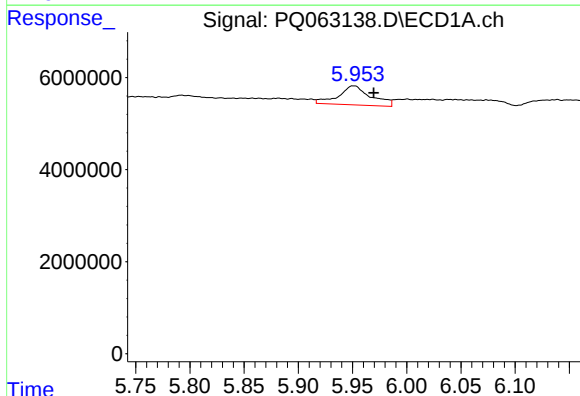
R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 3907662
Conc: 11.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



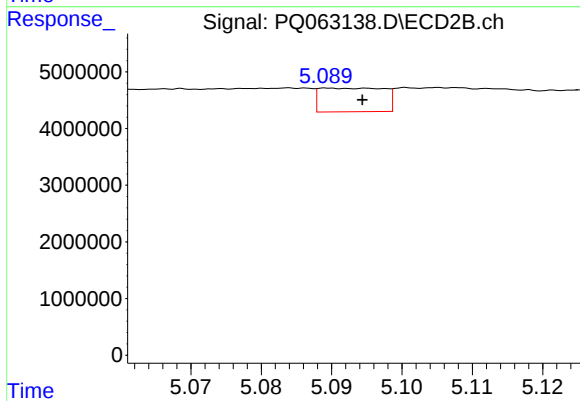
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 1832852
Conc: 7.81 ng/ml



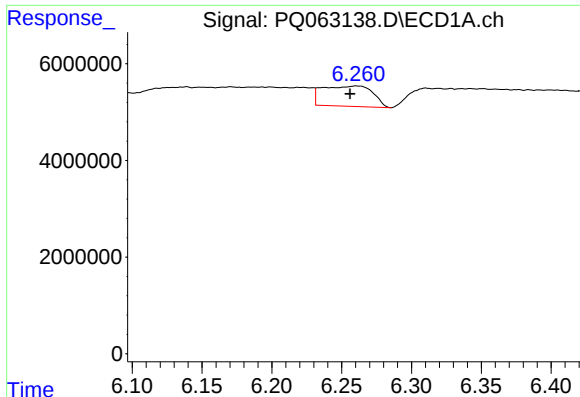
#28 AR-1254-3

R.T.: 5.951 min
Delta R.T.: -0.018 min
Response: 8576357
Conc: 23.92 ng/ml



#28 AR-1254-3

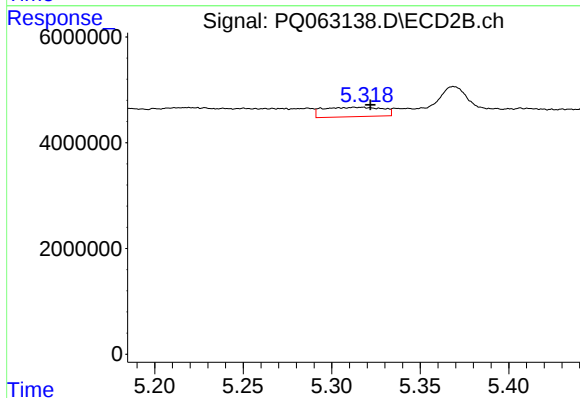
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 2649336
Conc: 7.01 ng/ml



#29 AR-1254-4

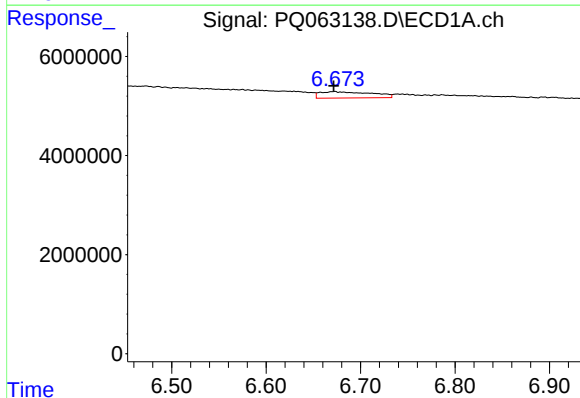
R.T.: 6.261 min
Delta R.T.: 0.004 min
Response: 10489534
Conc: 38.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



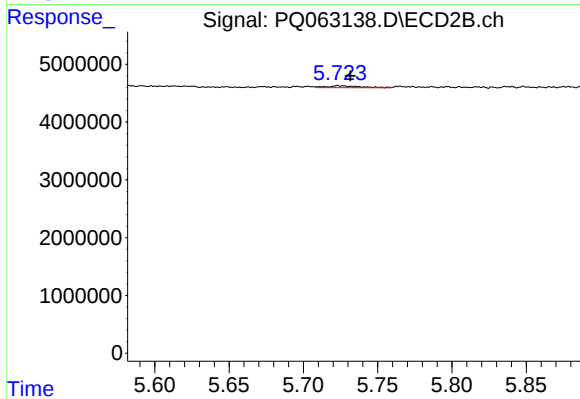
#29 AR-1254-4

R.T.: 5.313 min
Delta R.T.: -0.009 min
Response: 4150702
Conc: 16.99 ng/ml



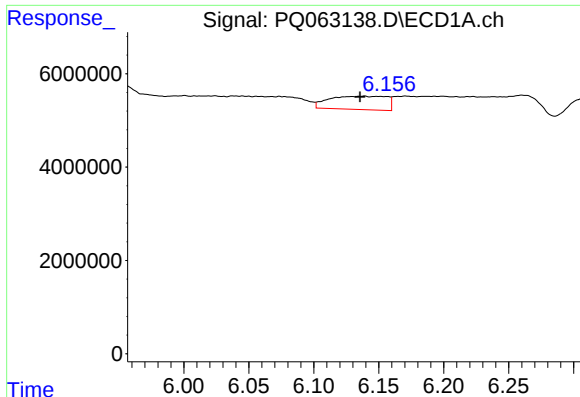
#30 AR-1254-5

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 4878024
Conc: 17.65 ng/ml



#30 AR-1254-5

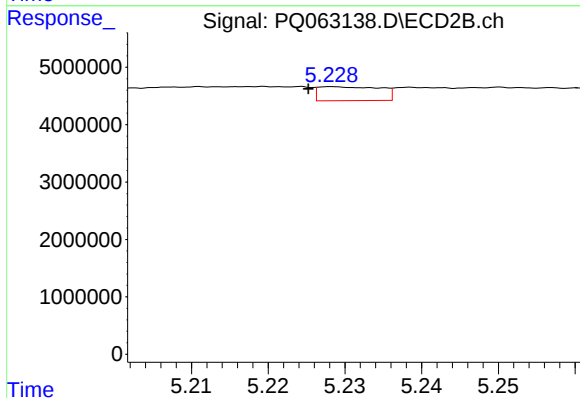
R.T.: 5.723 min
Delta R.T.: -0.008 min
Response: 489431
Conc: 1.42 ng/ml



#31 AR-1260-1

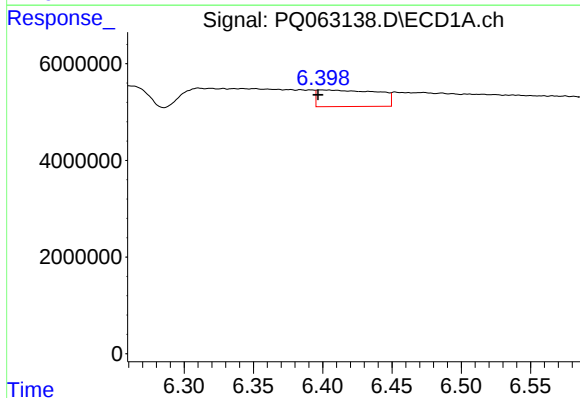
R.T.: 6.139 min
Delta R.T.: 0.003 min
Response: 8803711
Conc: 34.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



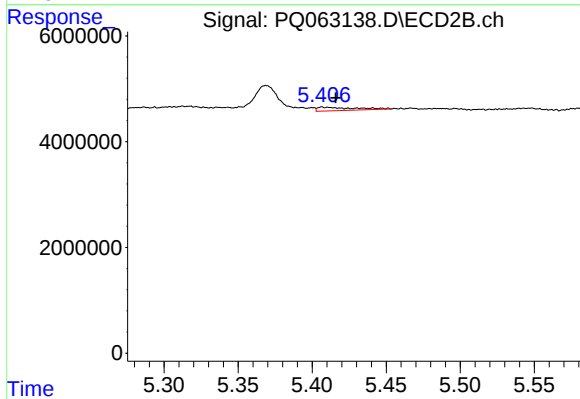
#31 AR-1260-1

R.T.: 5.228 min
Delta R.T.: 0.003 min
Response: 1359404
Conc: 5.45 ng/ml



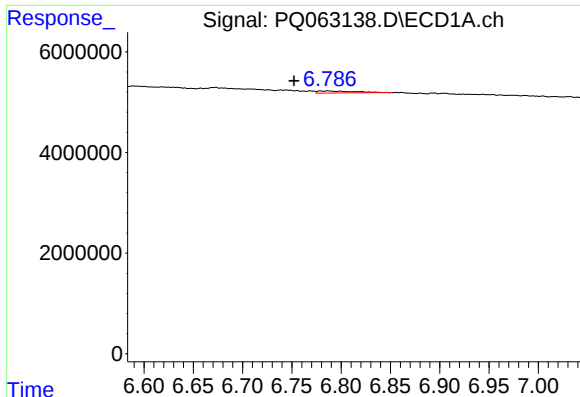
#32 AR-1260-2

R.T.: 6.399 min
Delta R.T.: 0.002 min
Response: 10377208
Conc: 34.19 ng/ml



#32 AR-1260-2

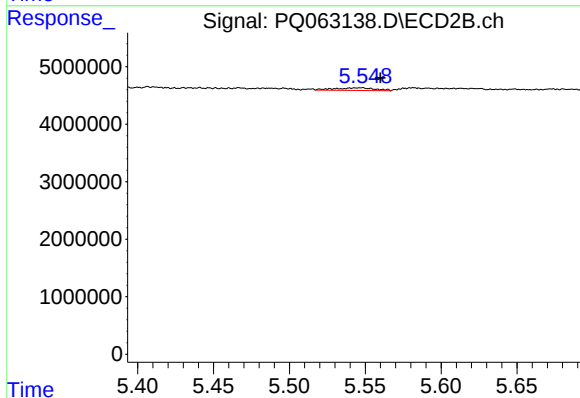
R.T.: 5.407 min
Delta R.T.: -0.009 min
Response: 1191772
Conc: 3.87 ng/ml



#33 AR-1260-3

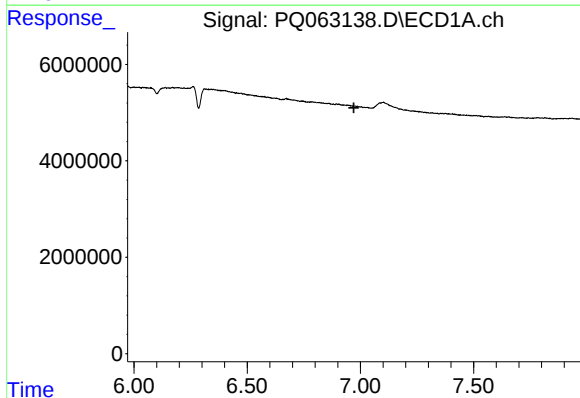
R.T.: 6.787 min
Delta R.T.: 0.034 min
Response: 836977
Conc: 3.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



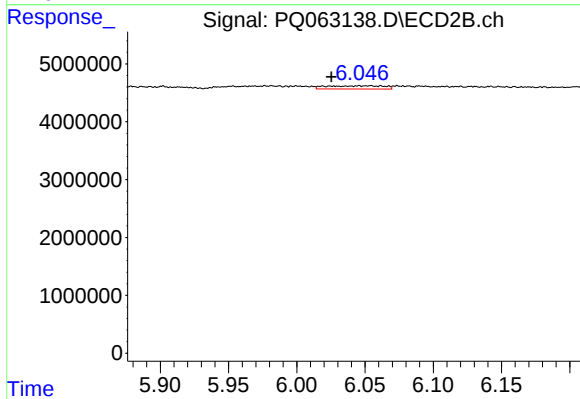
#33 AR-1260-3

R.T.: 5.548 min
Delta R.T.: -0.012 min
Response: 811211
Conc: 2.62 ng/ml



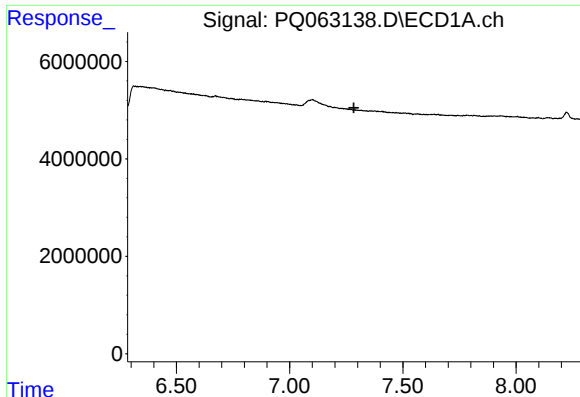
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.971 min
Response: 0
Conc: N.D.



#34 AR-1260-4

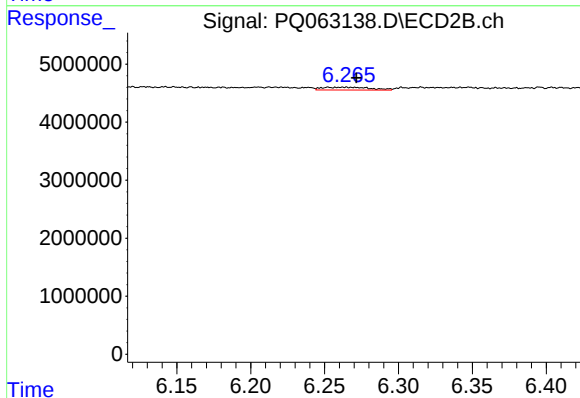
R.T.: 6.054 min
Delta R.T.: 0.029 min
Response: 1659605
Conc: 6.77 ng/ml



#35 AR-1260-5

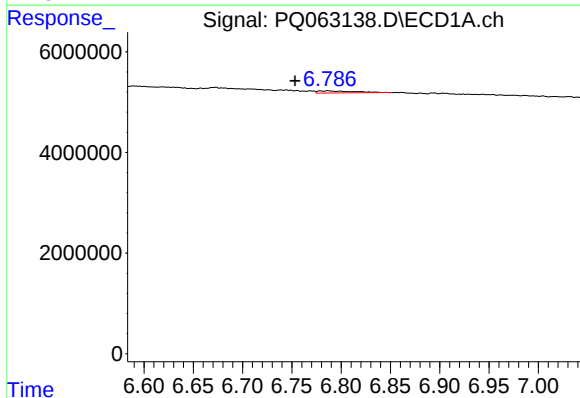
R.T.: 0.000 min
Exp R.T.: 7.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



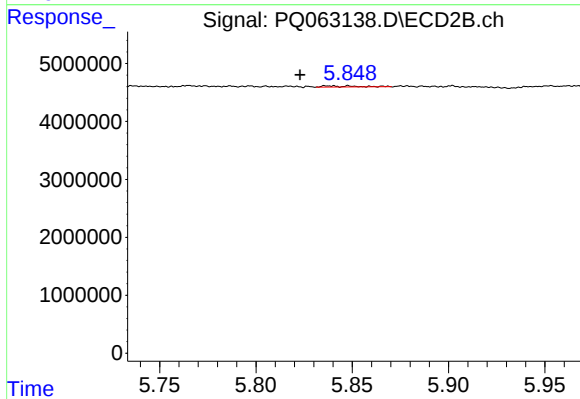
#35 AR-1260-5

R.T.: 6.253 min
Delta R.T.: -0.019 min
Response: 1102378
Conc: 2.02 ng/ml



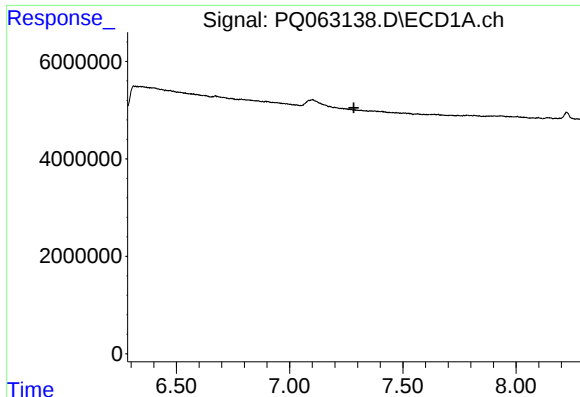
#36 AR-1262-1

R.T.: 6.787 min
Delta R.T.: 0.033 min
Response: 836977
Conc: 2.59 ng/ml



#36 AR-1262-1

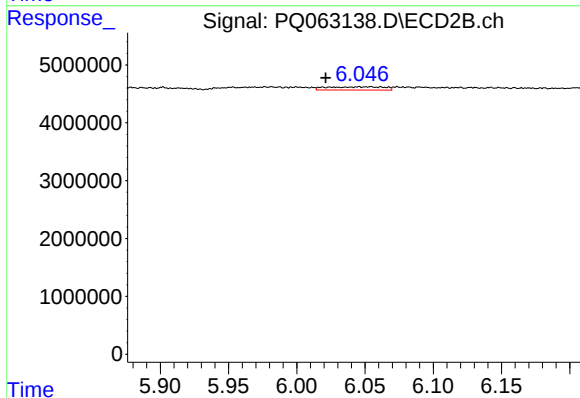
R.T.: 5.848 min
Delta R.T.: 0.025 min
Response: 235712
Conc: 1.65 ng/ml



#37 AR-1262-2

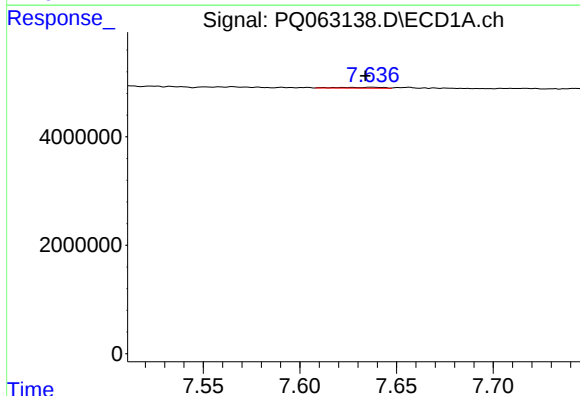
R.T.: 0.000 min
Exp R.T.: 7.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



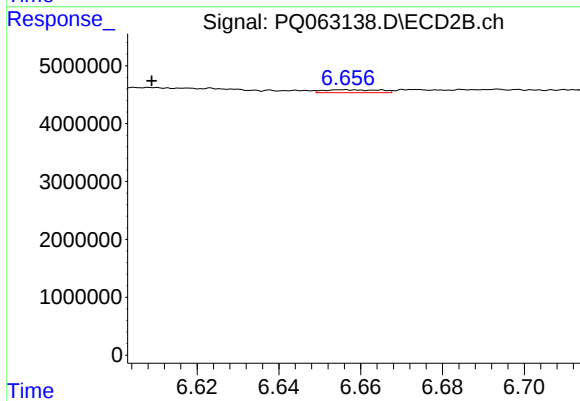
#37 AR-1262-2

R.T.: 6.054 min
Delta R.T.: 0.033 min
Response: 1659605
Conc: 5.31 ng/ml



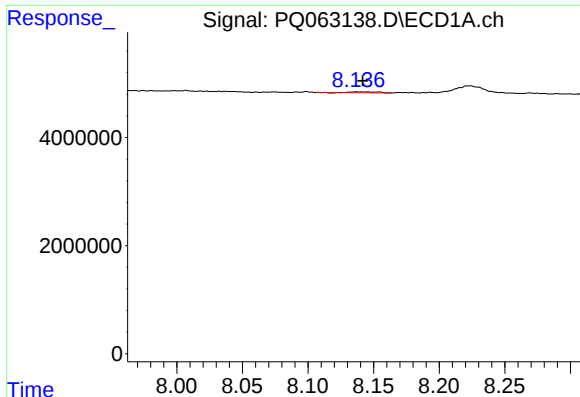
#39 AR-1262-4

R.T.: 7.637 min
Delta R.T.: 0.003 min
Response: 230076
Conc: 0.82 ng/ml



#39 AR-1262-4

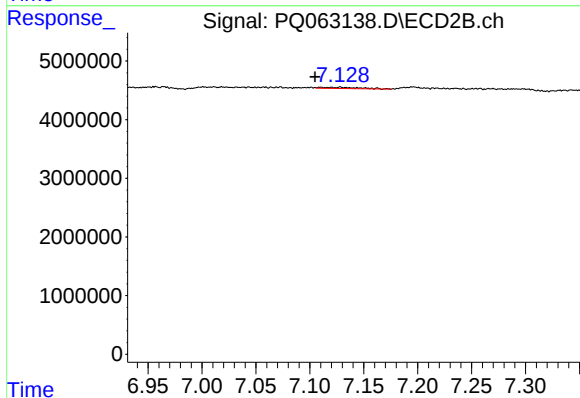
R.T.: 6.656 min
Delta R.T.: 0.047 min
Response: 479745
Conc: 1.03 ng/ml



#40 AR-1262-5

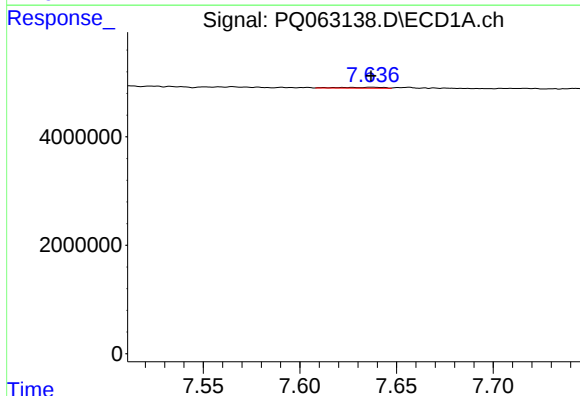
R.T.: 8.137 min
Delta R.T.: -0.005 min
Response: 226620
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



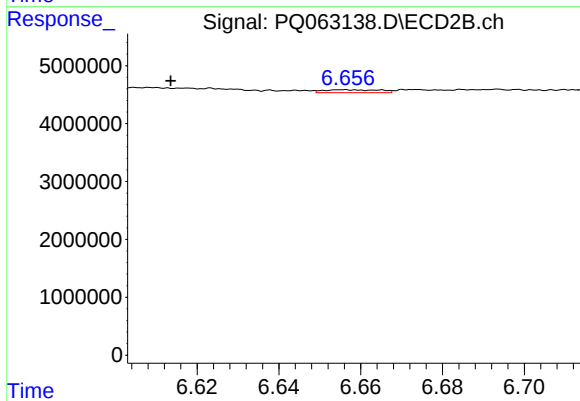
#40 AR-1262-5

R.T.: 7.128 min
Delta R.T.: 0.024 min
Response: 553147
Conc: 2.52 ng/ml



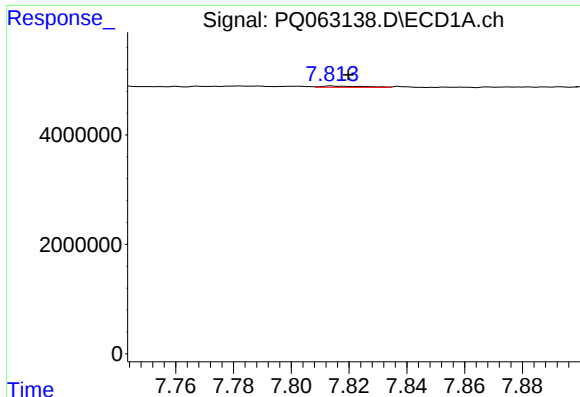
#42 AR-1268-2

R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 230076
Conc: 0.38 ng/ml



#42 AR-1268-2

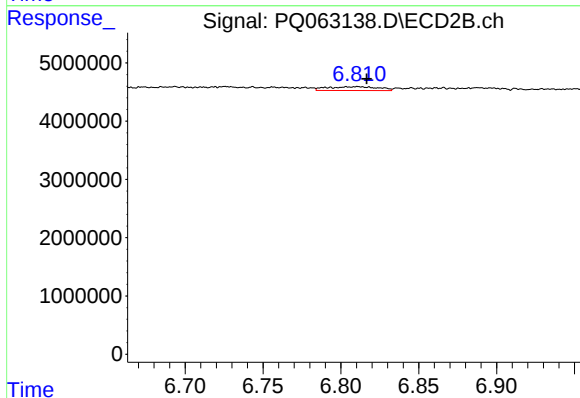
R.T.: 6.656 min
Delta R.T.: 0.042 min
Response: 479745
Conc: 0.70 ng/ml



#43 AR-1268-3

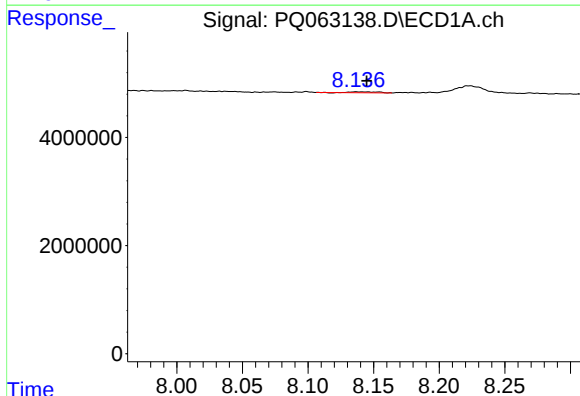
R.T.: 7.814 min
Delta R.T.: -0.006 min
Response: 222990
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



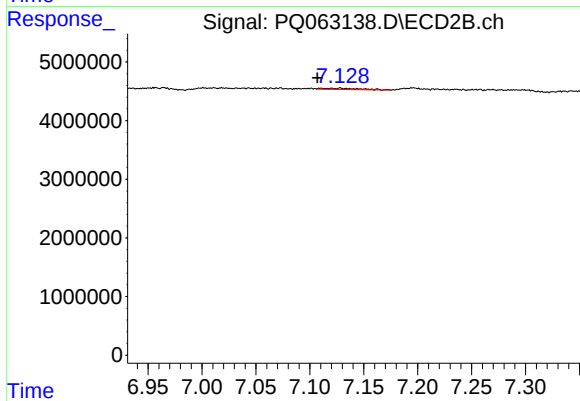
#43 AR-1268-3

R.T.: 6.811 min
Delta R.T.: -0.006 min
Response: 1470185
Conc: 2.50 ng/ml



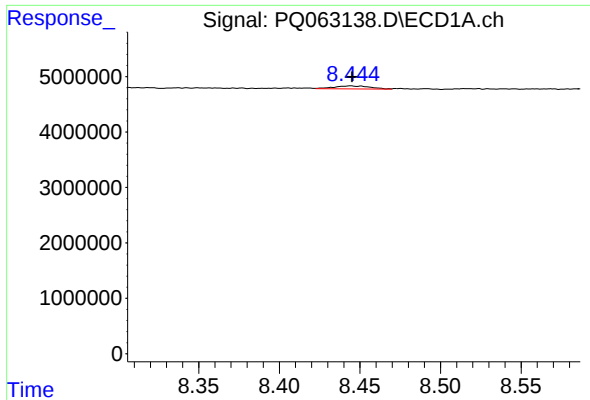
#44 AR-1268-4

R.T.: 8.137 min
Delta R.T.: -0.008 min
Response: 226620
Conc: 1.06 ng/ml



#44 AR-1268-4

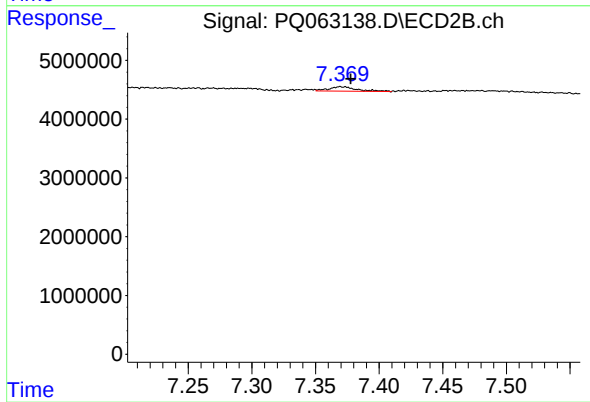
R.T.: 7.128 min
Delta R.T.: 0.021 min
Response: 553147
Conc: 2.17 ng/ml



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 842404
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.369 min
Delta R.T.: -0.008 min
Response: 1147199
Conc: 0.65 ng/ml