

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053023\
 Data File : PQ061325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2023 15:35
 Operator : YP\AJ
 Sample : 02955-09
 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: May 30 20:59:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 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...	3.405	2.761	81964244	57259923	16.358	19.820
2)	SA Decachlor...	8.584	7.534	42319558	46732020	10.941	12.833
Target Compounds							
5)	L1 AR-1016-3	4.581	3.942	637419	78356	3.883	0.918 #
6)	L1 AR-1016-4	4.689	3.981	928809	82031	6.962	1.099 #
7)	L1 AR-1016-5	0.000	4.171	0	486222	N.D.	5.308 #
8)	L2 AR-1221-1	3.586	2.958	472142	68701	7.195	1.742 #
9)	L2 AR-1221-2	3.682	3.028	1067995	915357	21.774	30.444 #
10)	L2 AR-1221-3	3.775	3.106	125946	45240	0.853	0.492 #
11)	L3 AR-1232-1	3.775	3.106	125946	45240	1.132	0.665 #
12)	L3 AR-1232-2	4.254	3.784	807727	180833	12.370	2.352 #
14)	L3 AR-1232-4	4.689	4.025	928809	181671	14.735	5.161 #
15)	L3 AR-1232-5	4.792	4.171	335379	486222	7.445	11.744 #
18)	L4 AR-1242-3	4.581	3.942	637419	78356	4.901	1.158 #
19)	L4 AR-1242-4	4.689	4.025	928809	181671	8.499	2.764 #
20)	L4 AR-1242-5	5.410	4.521	1118240	2249317	10.160	24.539 #
22)	L5 AR-1248-2	4.792	3.996	335379	162582	2.035	1.409 #
23)	L5 AR-1248-3	0.000	4.025	0	181671	N.D.	1.642 #
24)	L5 AR-1248-4	5.328f	4.171	2390897	486222	10.528	3.552 #
25)	L5 AR-1248-5	5.410	4.555	1118240	1697369	5.062	12.235 #
26)	L6 AR-1254-1	5.328	4.521	2390897	2249317	11.869	12.429
27)	L6 AR-1254-2	5.582f	4.670	7696858	1741493	24.503	10.567 #
28)	L6 AR-1254-3	5.912	5.050	891645	999483	2.738	3.876 #
29)	L6 AR-1254-4	0.000	5.270	0	433208	N.D.	2.651 #
30)	L6 AR-1254-5	6.619	5.683	4206115	3416604	15.251	13.410
31)	L7 AR-1260-1	6.037	5.181	332426	1073655	1.325	5.765 #
32)	L7 AR-1260-2	6.311	5.360	804372	559848	2.660	2.457
33)	L7 AR-1260-3	0.000	5.516	0	898266	N.D.	4.232 #
34)	L7 AR-1260-4	0.000	5.952	0	2730335	N.D.	17.294 #
35)	L7 AR-1260-5	7.197	6.215	1417480	600645	3.238	1.653 #
36)	L8 AR-1262-1	0.000	5.726	0	183245	N.D.	0.737 #
37)	L8 AR-1262-2	7.197	6.215	1417480	600645	2.593	1.317 #
38)	L8 AR-1262-3	7.472	6.515	517175	1491500	1.418	7.982 #
39)	L8 AR-1262-4	7.577	6.553	282936	520597	1.011	1.498 #
40)	L8 AR-1262-5	8.068	7.050	326166	797829	1.753	4.737 #
41)	L9 AR-1268-1	7.472	6.515	517175	1491500	0.842	2.802 #
42)	L9 AR-1268-2	7.577	6.553	282936	520597	0.510	1.077 #
43)	L9 AR-1268-3	7.737	6.761	448818	2114958	0.969	5.052 #
44)	L9 AR-1268-4	8.068	7.050	326166	797829	1.607	4.309 #
45)	L9 AR-1268-5	8.351	7.318	788796	2984992	0.579	2.215 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053023\
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Acq On : 30 May 2023 15:35
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Integration File signal 1: autoint1.e
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Quant Time: May 30 20:59:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 25 13:25:08 2023
Response via : Initial Calibration
Integrator: ChemStation

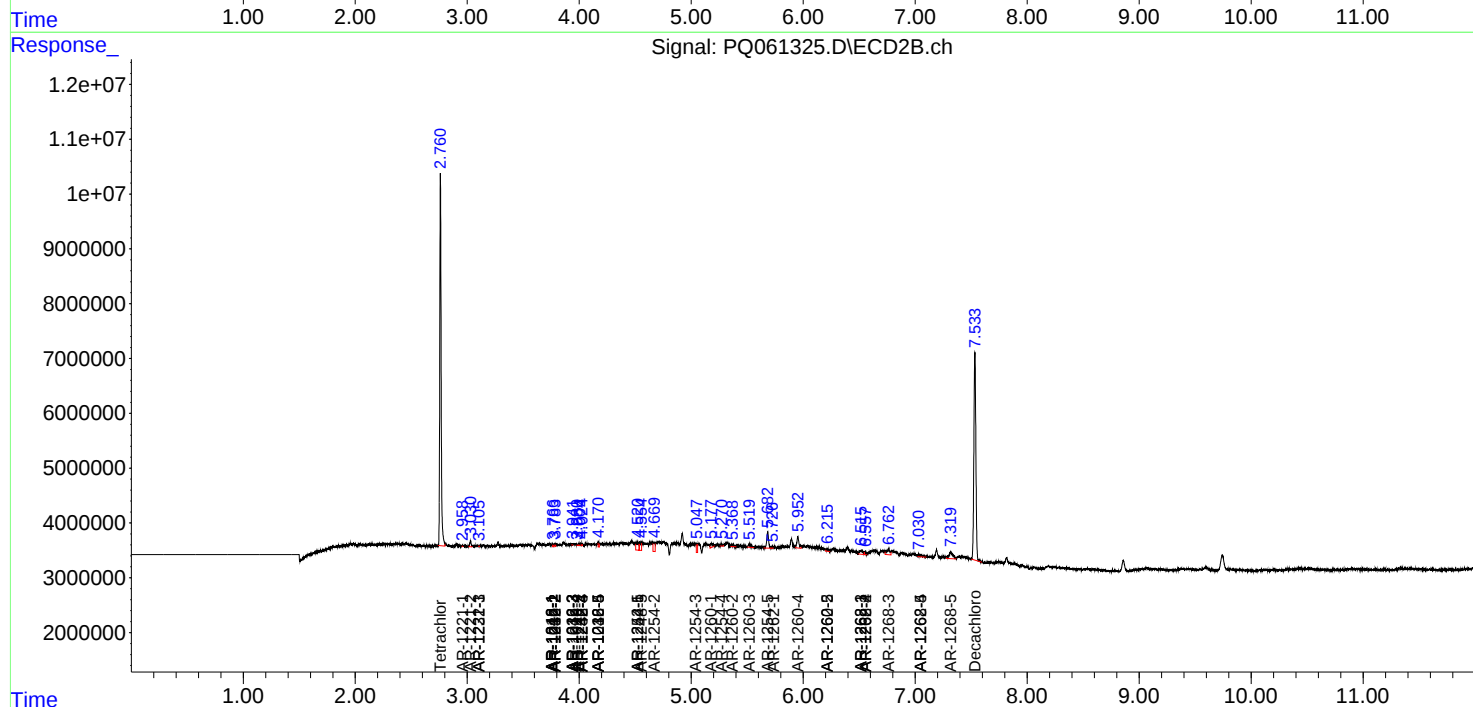
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

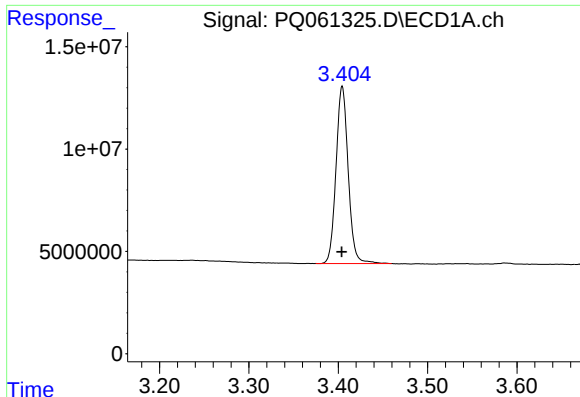
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

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

Instrument :
ECD_Q
ClientSampleId :

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

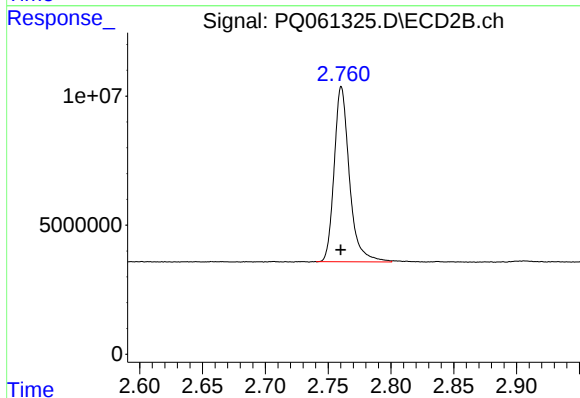




#1 Tetrachloro-m-xylene

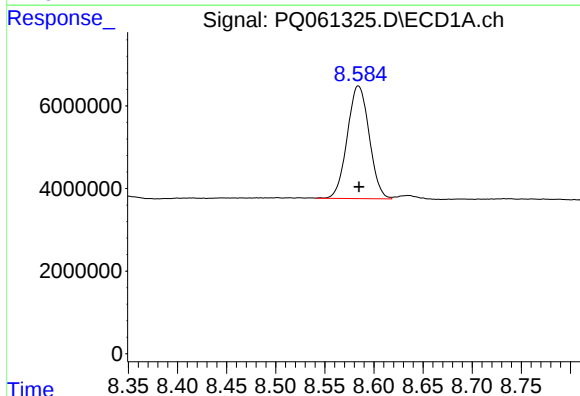
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 81964244
Conc: 16.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



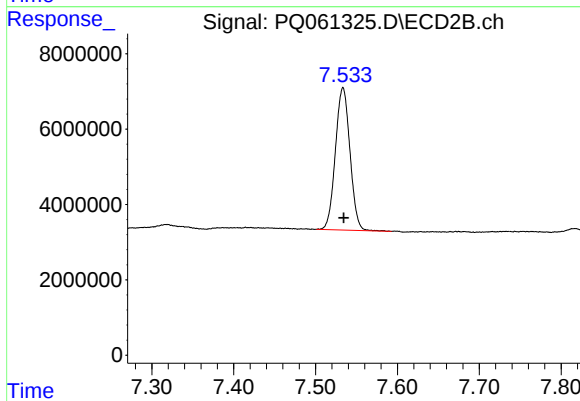
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 57259923
Conc: 19.82 ng/ml



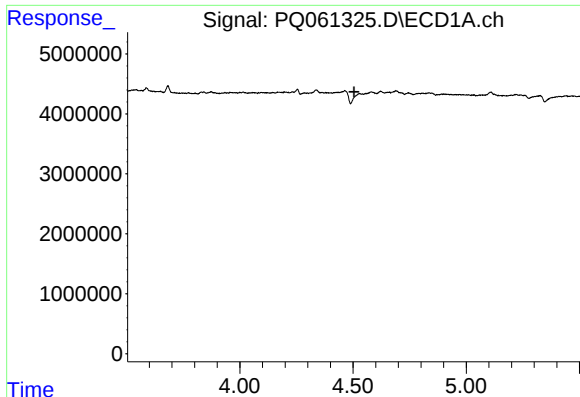
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 42319558
Conc: 10.94 ng/ml



#2 Decachlorobiphenyl

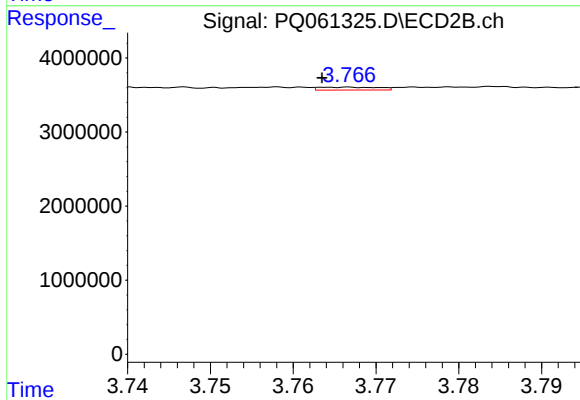
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 46732020
Conc: 12.83 ng/ml



#3 AR-1016-1

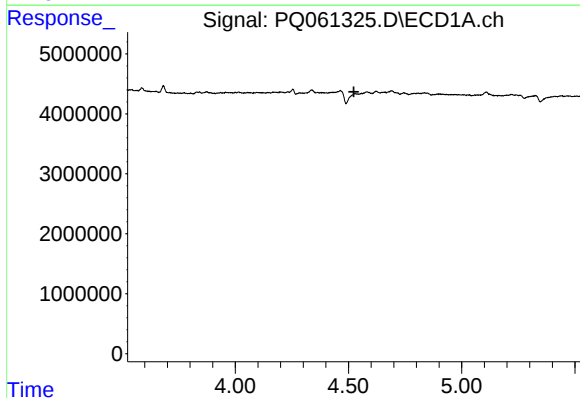
R.T.: 4.529 min
Delta R.T.: 0.024 min
Response: -1665998
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



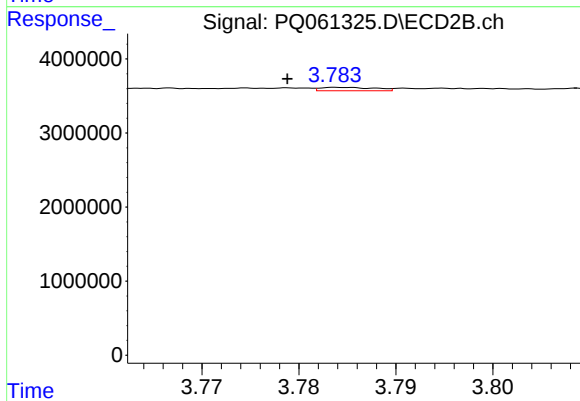
#3 AR-1016-1

R.T.: 3.767 min
Delta R.T.: 0.003 min
Response: 197590
Conc: 1.76 ng/ml



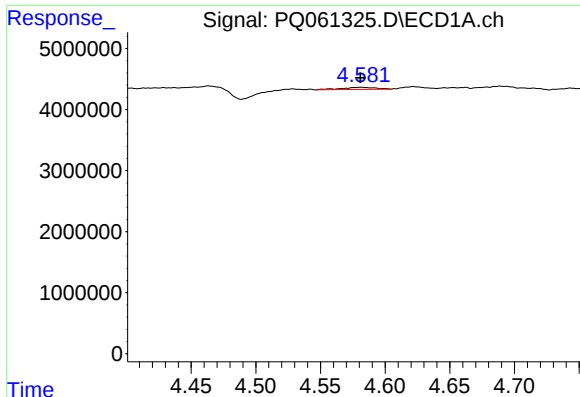
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: -1665998
Conc: N.D.



#4 AR-1016-2

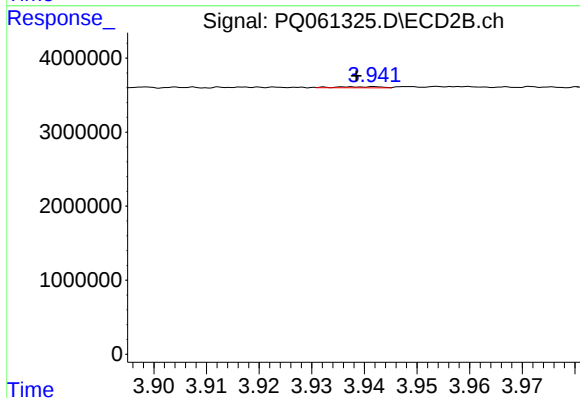
R.T.: 3.784 min
Delta R.T.: 0.005 min
Response: 180833
Conc: 1.11 ng/ml



#5 AR-1016-3

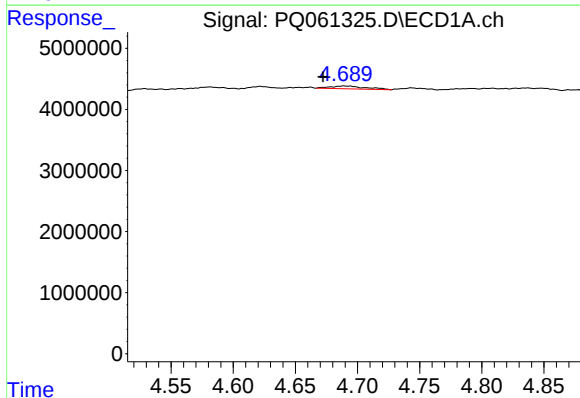
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 637419
Conc: 3.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



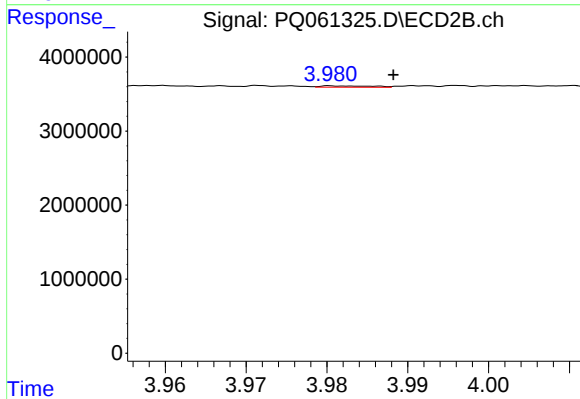
#5 AR-1016-3

R.T.: 3.942 min
Delta R.T.: 0.004 min
Response: 78356
Conc: 0.92 ng/ml



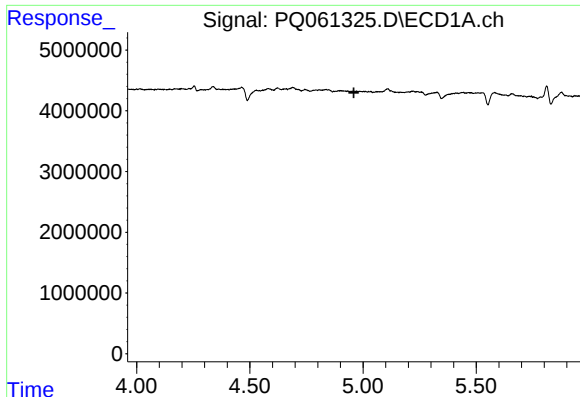
#6 AR-1016-4

R.T.: 4.689 min
Delta R.T.: 0.017 min
Response: 928809
Conc: 6.96 ng/ml



#6 AR-1016-4

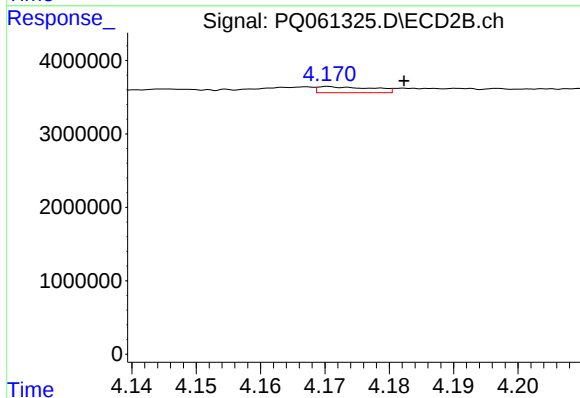
R.T.: 3.981 min
Delta R.T.: -0.008 min
Response: 82031
Conc: 1.10 ng/ml



#7 AR-1016-5

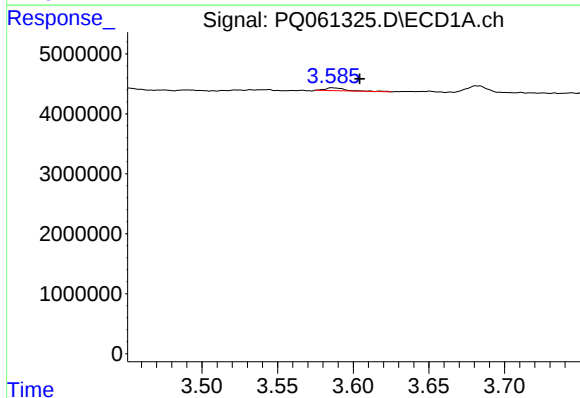
R.T.: 0.000 min
Exp R.T.: 4.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



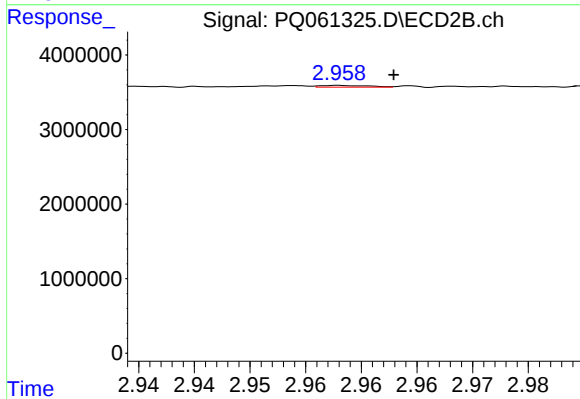
#7 AR-1016-5

R.T.: 4.171 min
Delta R.T.: -0.012 min
Response: 486222
Conc: 5.31 ng/ml



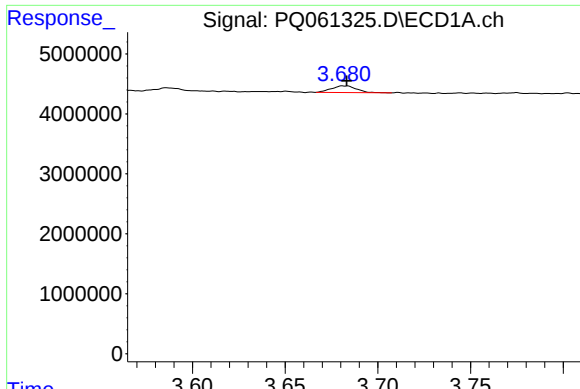
#8 AR-1221-1

R.T.: 3.586 min
Delta R.T.: -0.018 min
Response: 472142
Conc: 7.19 ng/ml



#8 AR-1221-1

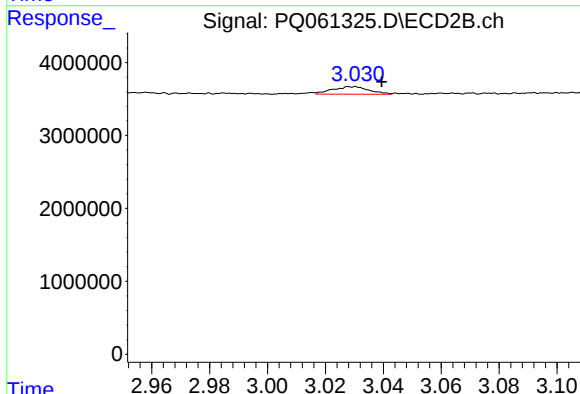
R.T.: 2.958 min
Delta R.T.: -0.005 min
Response: 68701
Conc: 1.74 ng/ml



#9 AR-1221-2

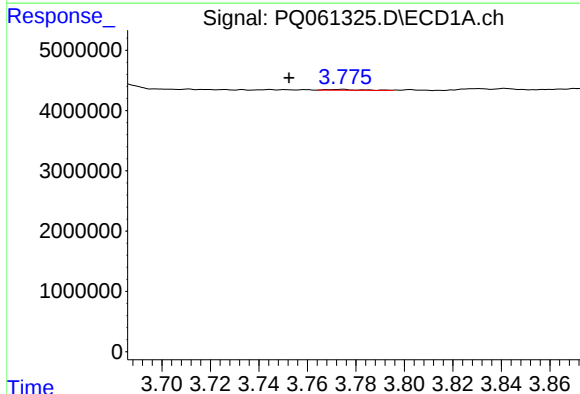
R.T.: 3.682 min
Delta R.T.: -0.001 min
Response: 1067995
Conc: 21.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



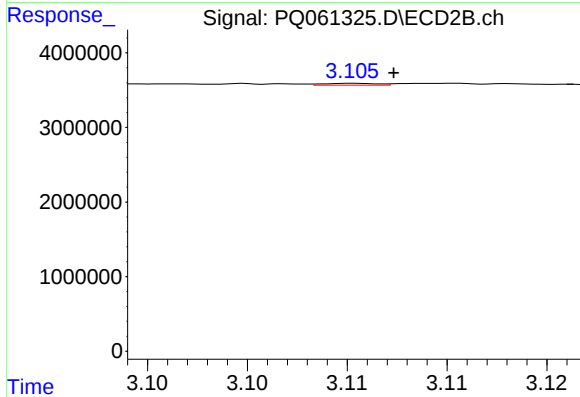
#9 AR-1221-2

R.T.: 3.028 min
Delta R.T.: -0.011 min
Response: 915357
Conc: 30.44 ng/ml



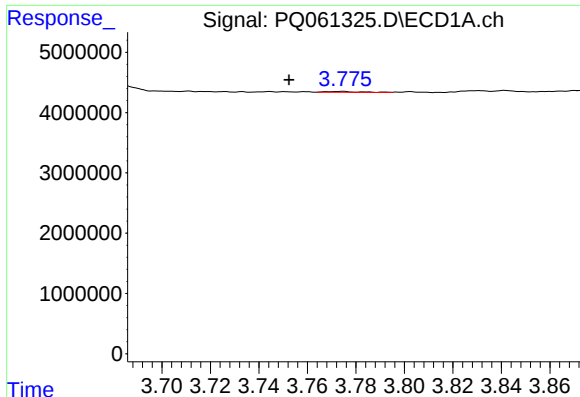
#10 AR-1221-3

R.T.: 3.775 min
Delta R.T.: 0.022 min
Response: 125946
Conc: 0.85 ng/ml



#10 AR-1221-3

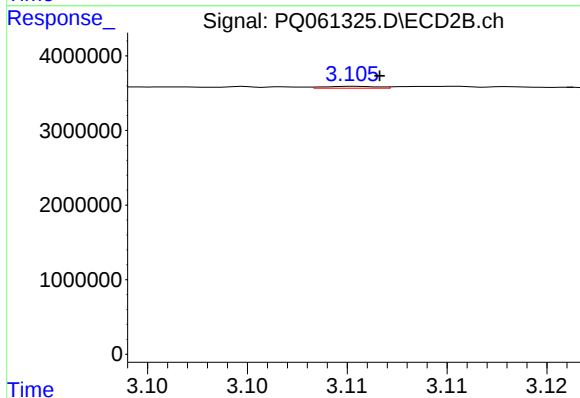
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 45240
Conc: 0.49 ng/ml



#11 AR-1232-1

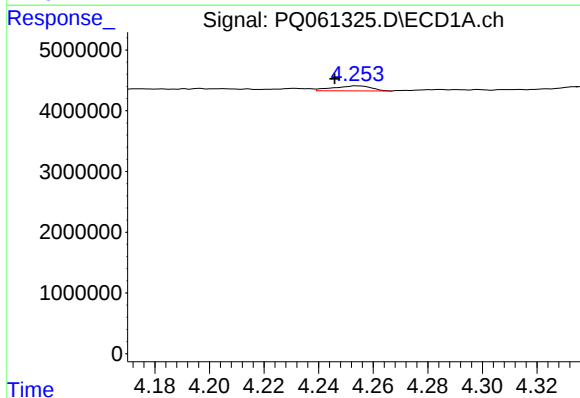
R.T.: 3.775 min
Delta R.T.: 0.022 min
Response: 125946
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



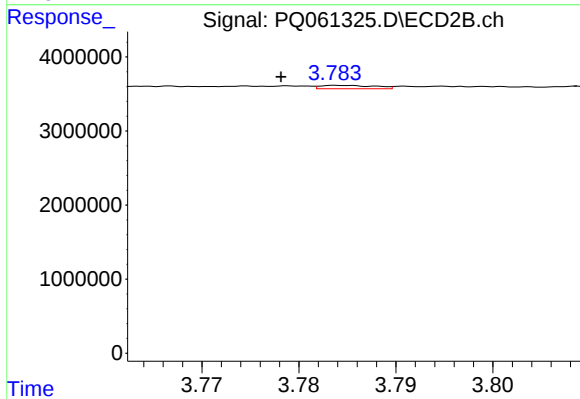
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 45240
Conc: 0.66 ng/ml



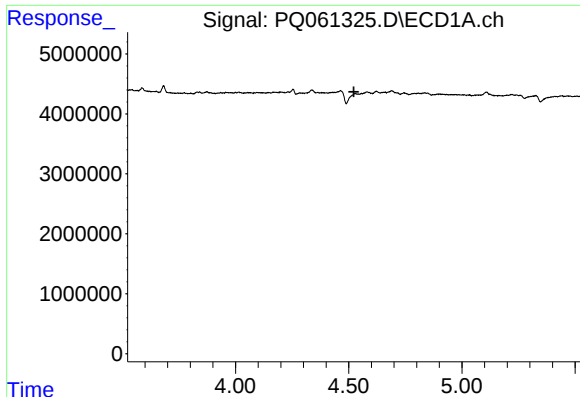
#12 AR-1232-2

R.T.: 4.254 min
Delta R.T.: 0.008 min
Response: 807727
Conc: 12.37 ng/ml



#12 AR-1232-2

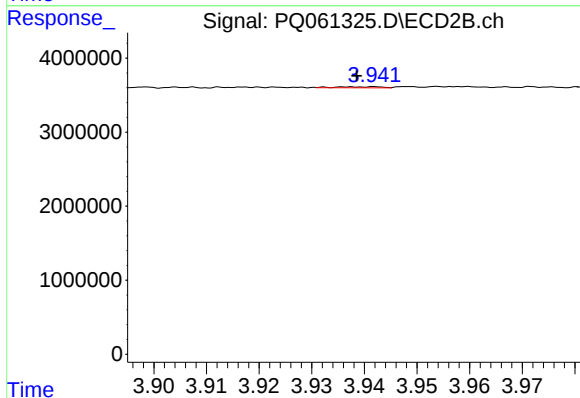
R.T.: 3.784 min
Delta R.T.: 0.006 min
Response: 180833
Conc: 2.35 ng/ml



#13 AR-1232-3

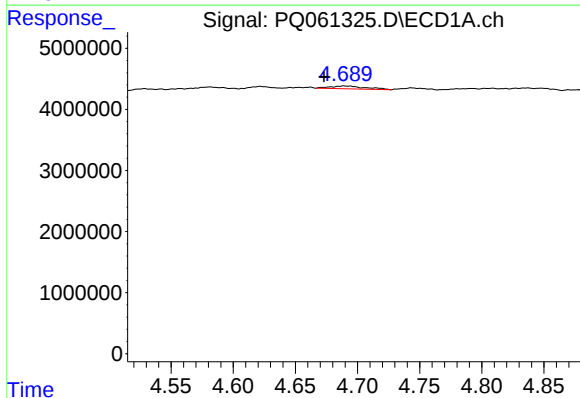
R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: -1665998
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



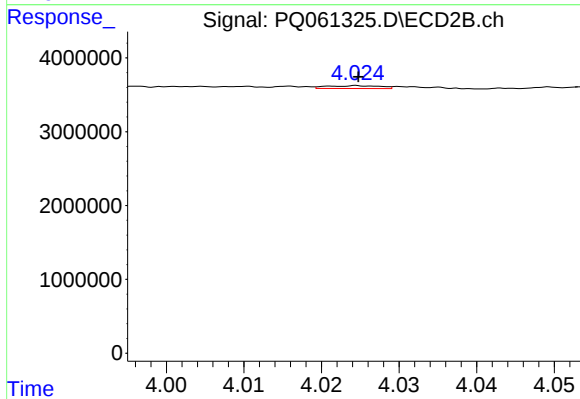
#13 AR-1232-3

R.T.: 3.942 min
Delta R.T.: 0.003 min
Response: 78356
Conc: 1.96 ng/ml



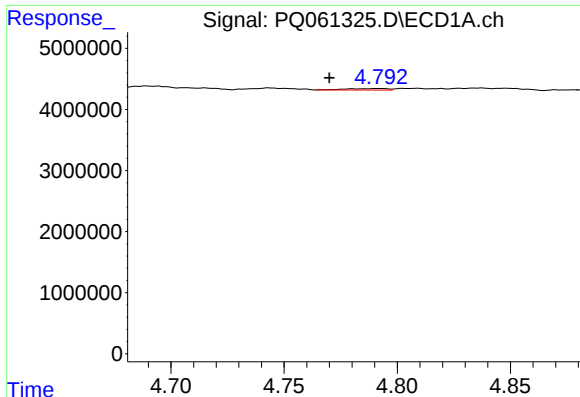
#14 AR-1232-4

R.T.: 4.689 min
Delta R.T.: 0.016 min
Response: 928809
Conc: 14.73 ng/ml



#14 AR-1232-4

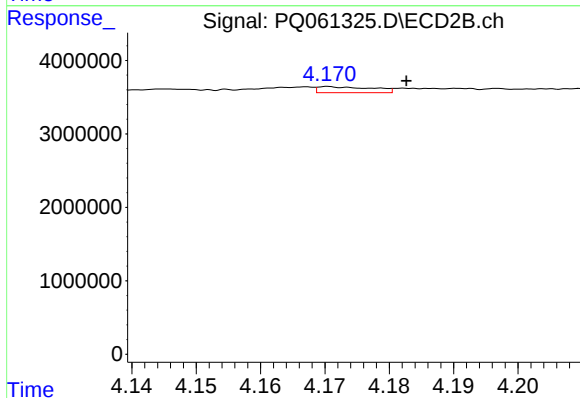
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 181671
Conc: 5.16 ng/ml



#15 AR-1232-5

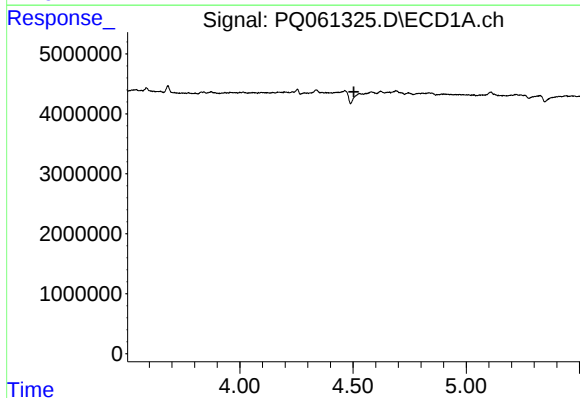
R.T.: 4.792 min
Delta R.T.: 0.022 min
Response: 335379
Conc: 7.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



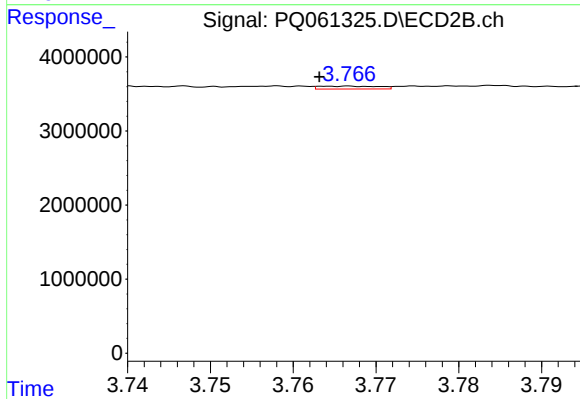
#15 AR-1232-5

R.T.: 4.171 min
Delta R.T.: -0.012 min
Response: 486222
Conc: 11.74 ng/ml



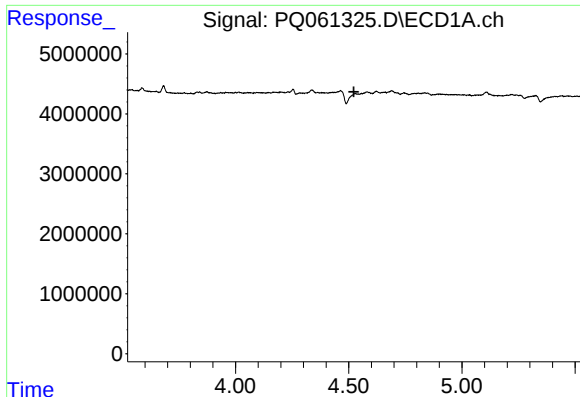
#16 AR-1242-1

R.T.: 4.529 min
Delta R.T.: 0.025 min
Response: -1665998
Conc: N.D.



#16 AR-1242-1

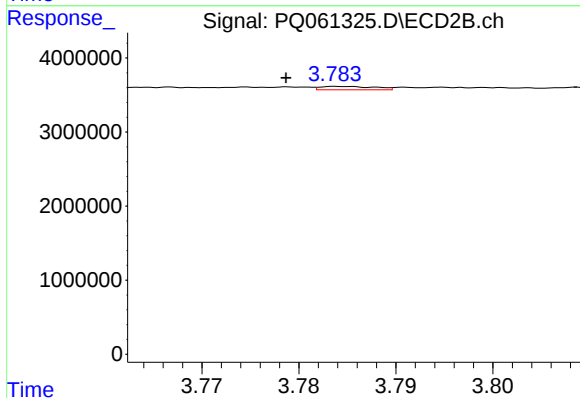
R.T.: 3.767 min
Delta R.T.: 0.004 min
Response: 197590
Conc: 2.23 ng/ml



#17 AR-1242-2

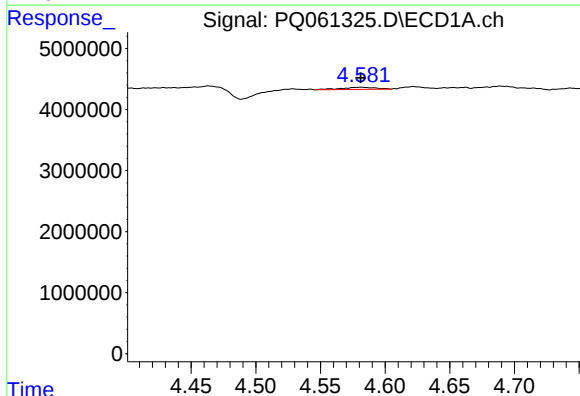
R.T.: 4.529 min
Delta R.T.: 0.006 min
Response: -1665998
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



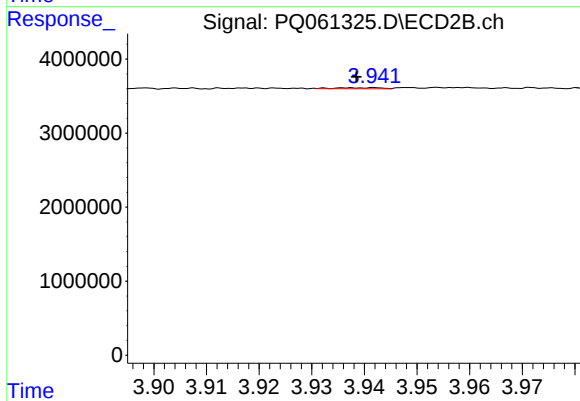
#17 AR-1242-2

R.T.: 3.784 min
Delta R.T.: 0.005 min
Response: 180833
Conc: 1.44 ng/ml



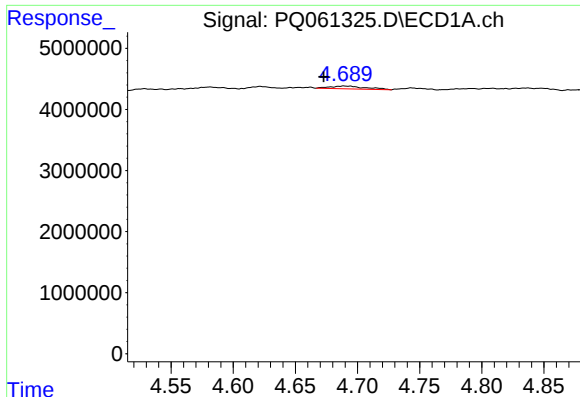
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 637419
Conc: 4.90 ng/ml



#18 AR-1242-3

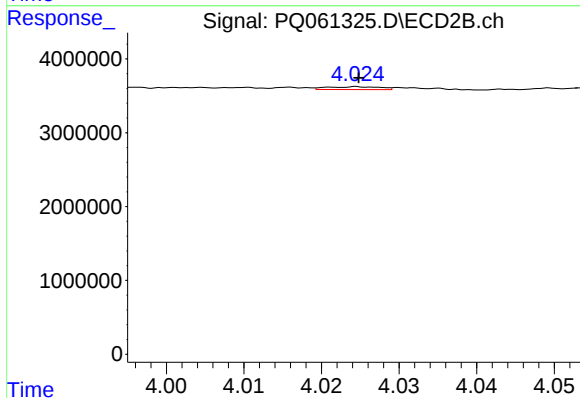
R.T.: 3.942 min
Delta R.T.: 0.004 min
Response: 78356
Conc: 1.16 ng/ml



#19 AR-1242-4

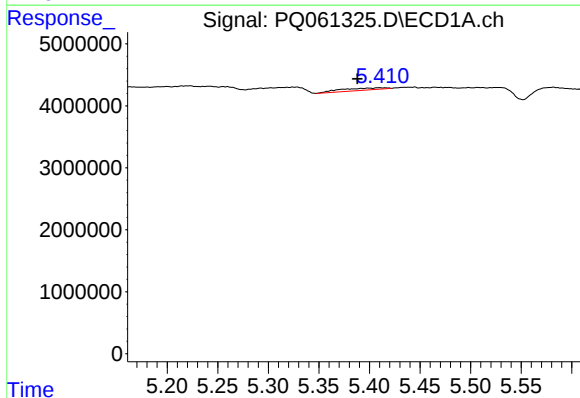
R.T.: 4.689 min
Delta R.T.: 0.017 min
Response: 928809
Conc: 8.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



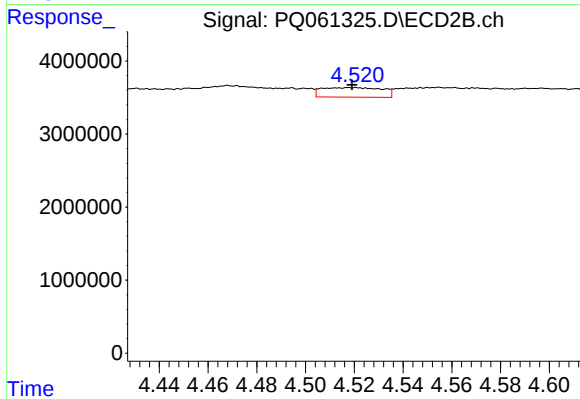
#19 AR-1242-4

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 181671
Conc: 2.76 ng/ml



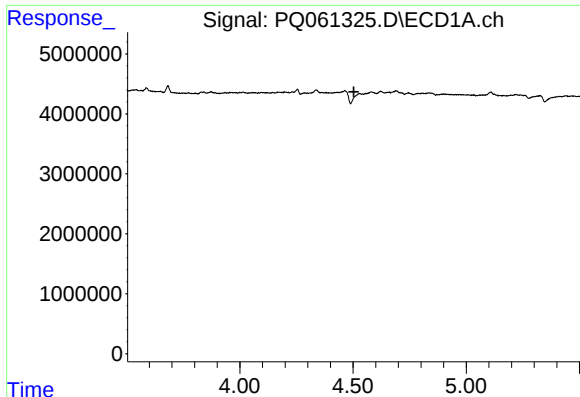
#20 AR-1242-5

R.T.: 5.410 min
Delta R.T.: 0.021 min
Response: 1118240
Conc: 10.16 ng/ml



#20 AR-1242-5

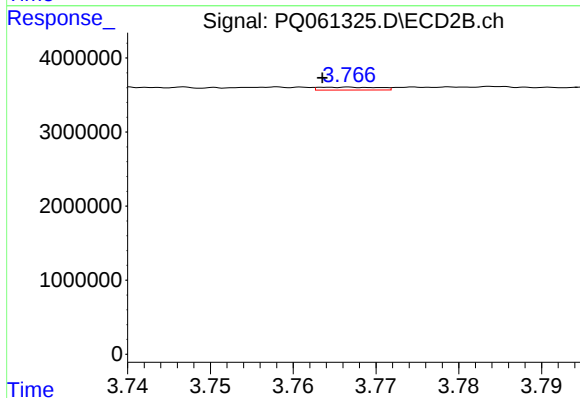
R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 2249317
Conc: 24.54 ng/ml



#21 AR-1248-1

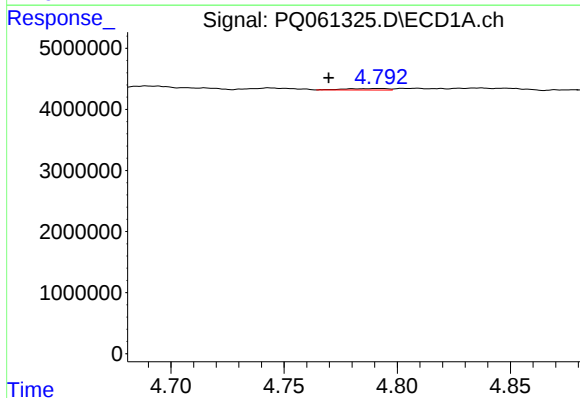
R.T.: 4.529 min
Delta R.T.: 0.025 min
Response: -1665998
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



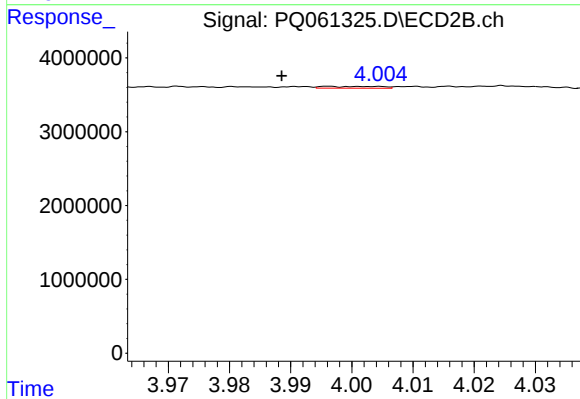
#21 AR-1248-1

R.T.: 3.767 min
Delta R.T.: 0.003 min
Response: 197590
Conc: 2.55 ng/ml



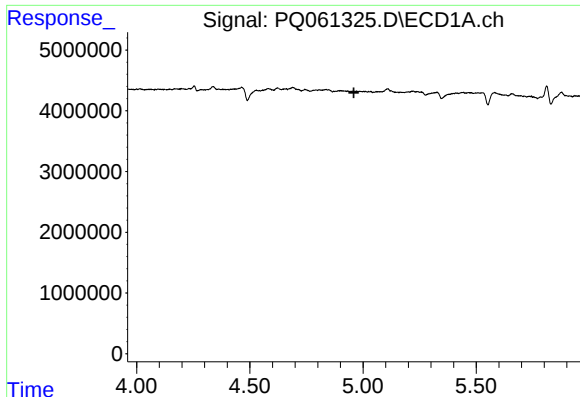
#22 AR-1248-2

R.T.: 4.792 min
Delta R.T.: 0.022 min
Response: 335379
Conc: 2.04 ng/ml



#22 AR-1248-2

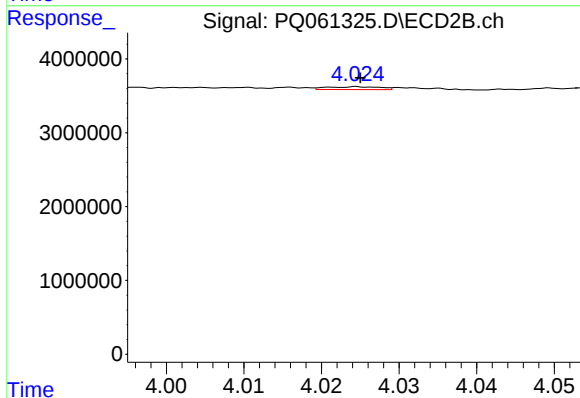
R.T.: 3.996 min
Delta R.T.: 0.008 min
Response: 162582
Conc: 1.41 ng/ml



#23 AR-1248-3

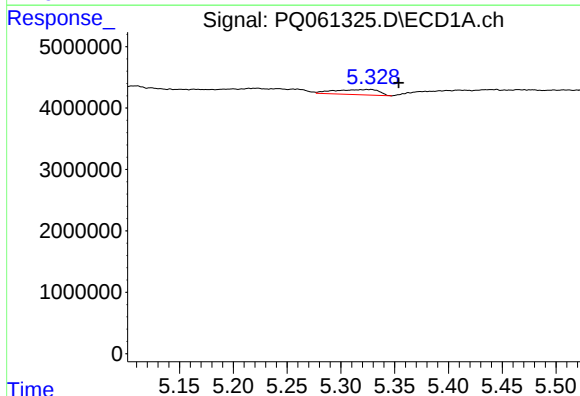
R.T.: 0.000 min
Exp R.T.: 4.959 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



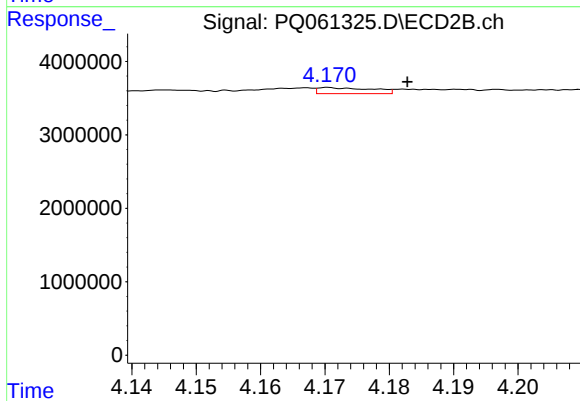
#23 AR-1248-3

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 181671
Conc: 1.64 ng/ml



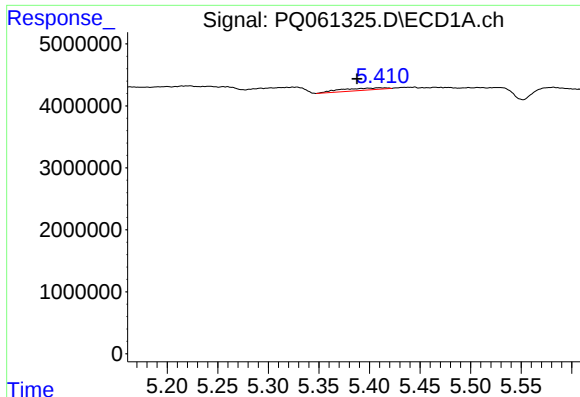
#24 AR-1248-4

R.T.: 5.328 min
Delta R.T.: -0.026 min
Response: 2390897
Conc: 10.53 ng/ml



#24 AR-1248-4

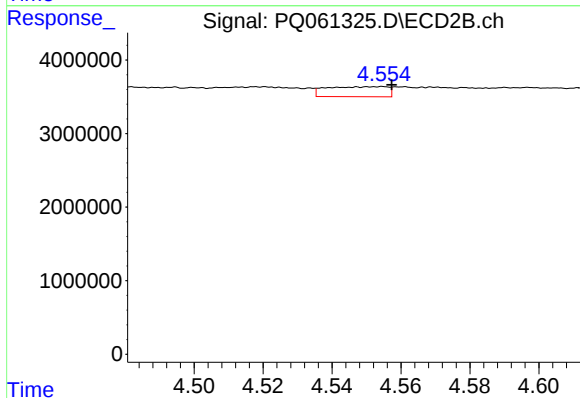
R.T.: 4.171 min
Delta R.T.: -0.012 min
Response: 486222
Conc: 3.55 ng/ml



#25 AR-1248-5

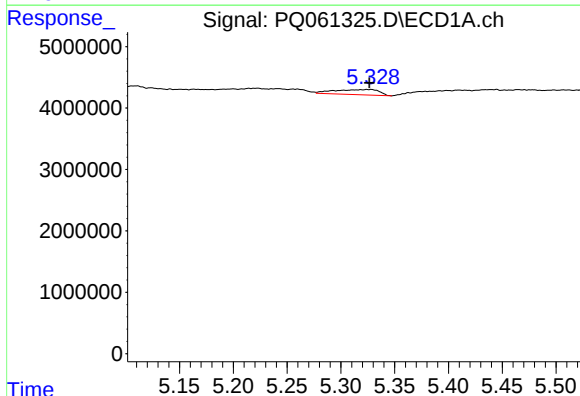
R.T.: 5.410 min
Delta R.T.: 0.022 min
Response: 1118240
Conc: 5.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



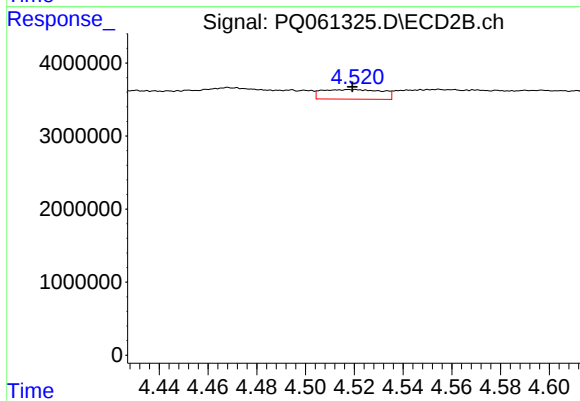
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 1697369
Conc: 12.24 ng/ml



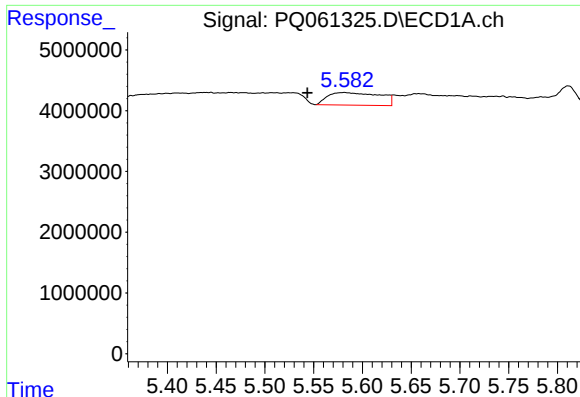
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 2390897
Conc: 11.87 ng/ml



#26 AR-1254-1

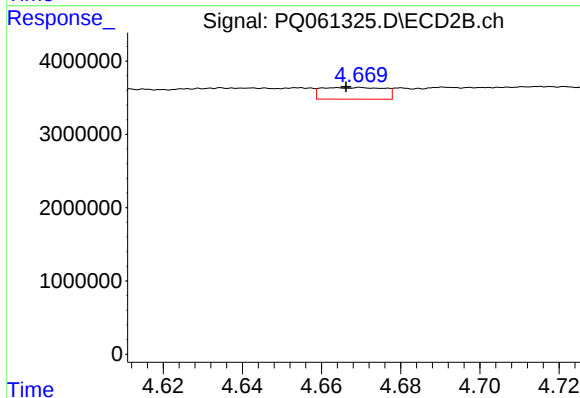
R.T.: 4.521 min
Delta R.T.: 0.001 min
Response: 2249317
Conc: 12.43 ng/ml



#27 AR-1254-2

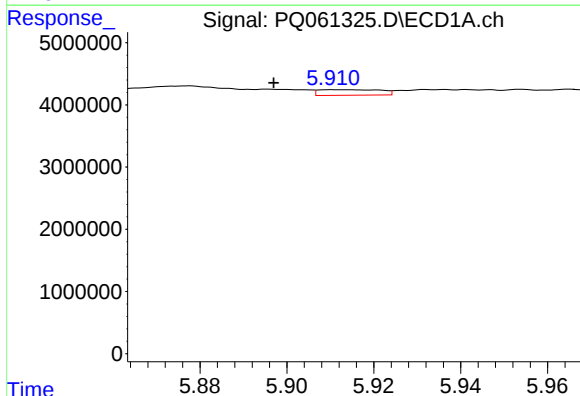
R.T.: 5.582 min
Delta R.T.: 0.038 min
Response: 7696858
Conc: 24.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



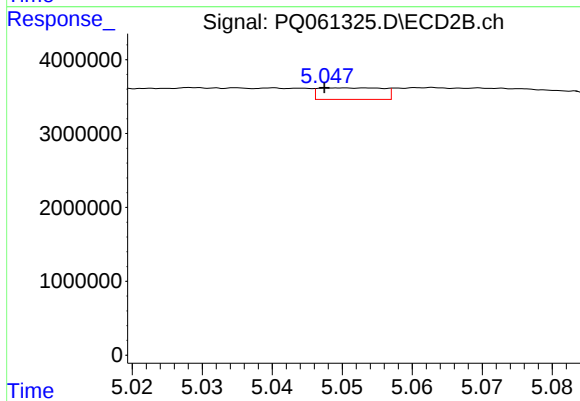
#27 AR-1254-2

R.T.: 4.670 min
Delta R.T.: 0.004 min
Response: 1741493
Conc: 10.57 ng/ml



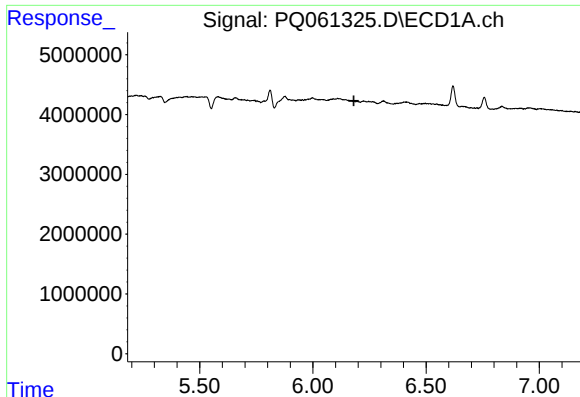
#28 AR-1254-3

R.T.: 5.912 min
Delta R.T.: 0.015 min
Response: 891645
Conc: 2.74 ng/ml



#28 AR-1254-3

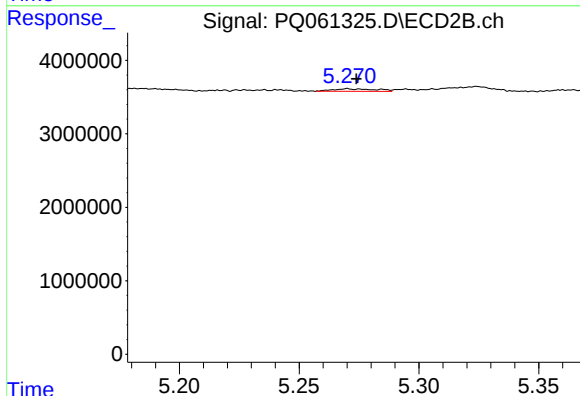
R.T.: 5.050 min
Delta R.T.: 0.002 min
Response: 999483
Conc: 3.88 ng/ml



#29 AR-1254-4

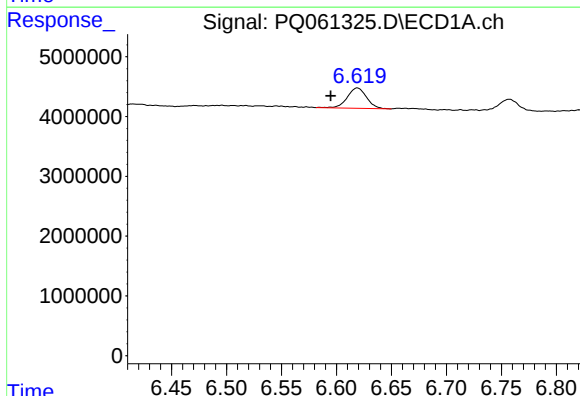
R.T.: 0.000 min
Exp R.T.: 6.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



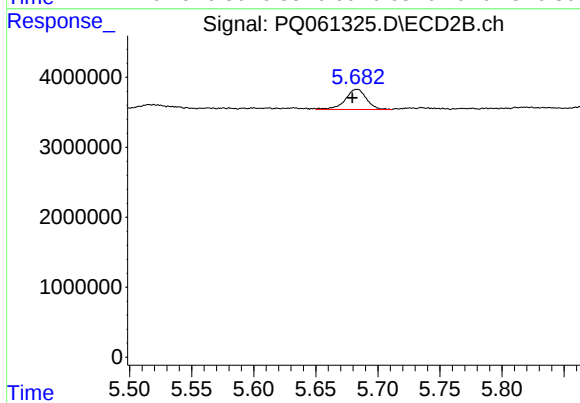
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 433208
Conc: 2.65 ng/ml



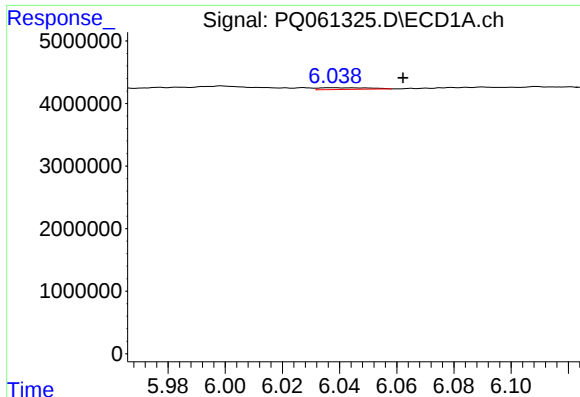
#30 AR-1254-5

R.T.: 6.619 min
Delta R.T.: 0.024 min
Response: 4206115
Conc: 15.25 ng/ml



#30 AR-1254-5

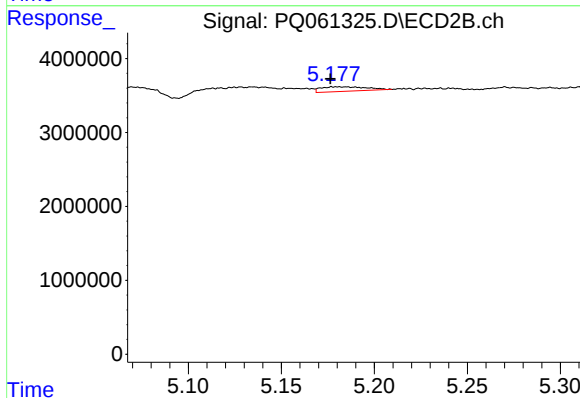
R.T.: 5.683 min
Delta R.T.: 0.004 min
Response: 3416604
Conc: 13.41 ng/ml



#31 AR-1260-1

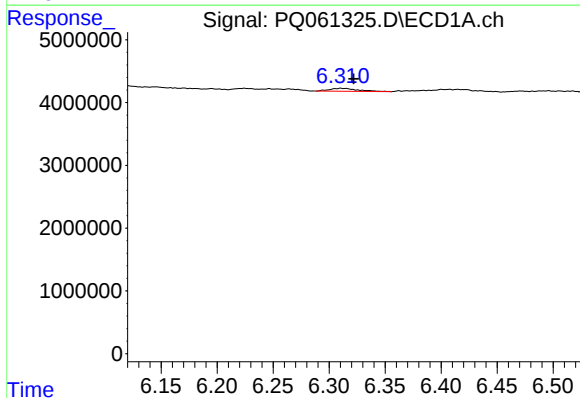
R.T.: 6.037 min
Delta R.T.: -0.025 min
Response: 332426
Conc: 1.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



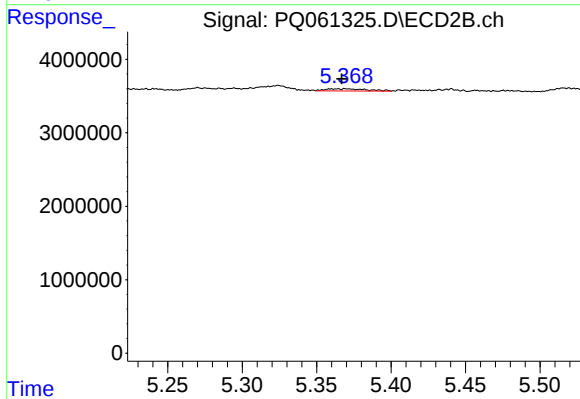
#31 AR-1260-1

R.T.: 5.181 min
Delta R.T.: 0.005 min
Response: 1073655
Conc: 5.76 ng/ml



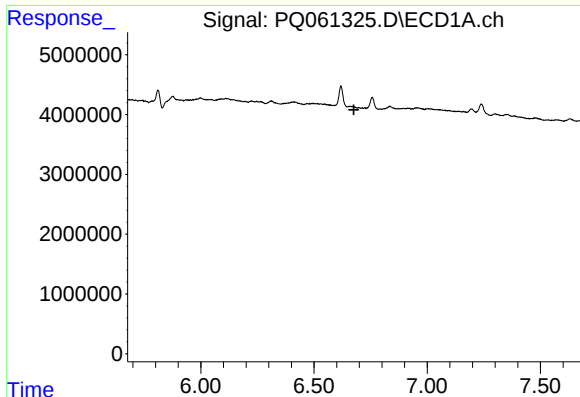
#32 AR-1260-2

R.T.: 6.311 min
Delta R.T.: -0.012 min
Response: 804372
Conc: 2.66 ng/ml



#32 AR-1260-2

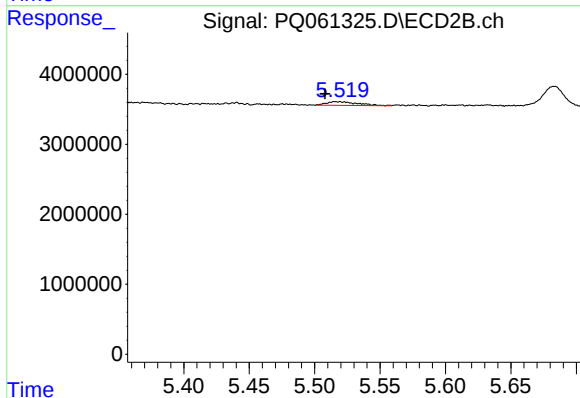
R.T.: 5.360 min
Delta R.T.: -0.007 min
Response: 559848
Conc: 2.46 ng/ml



#33 AR-1260-3

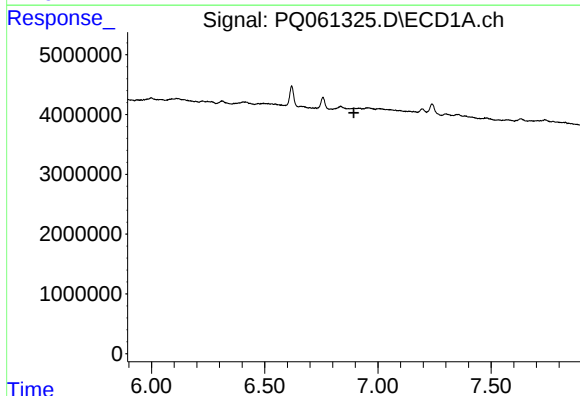
R.T.: 0.000 min
Exp R.T.: 6.676 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



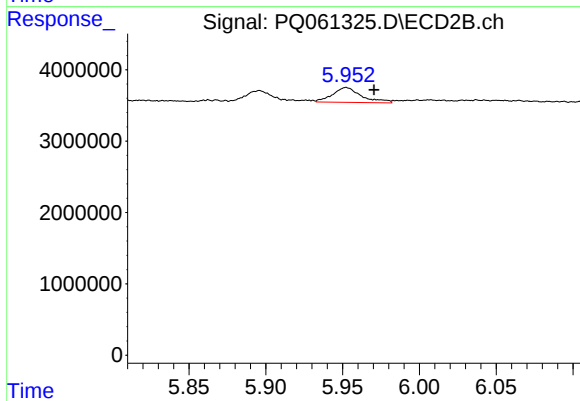
#33 AR-1260-3

R.T.: 5.516 min
Delta R.T.: 0.008 min
Response: 898266
Conc: 4.23 ng/ml



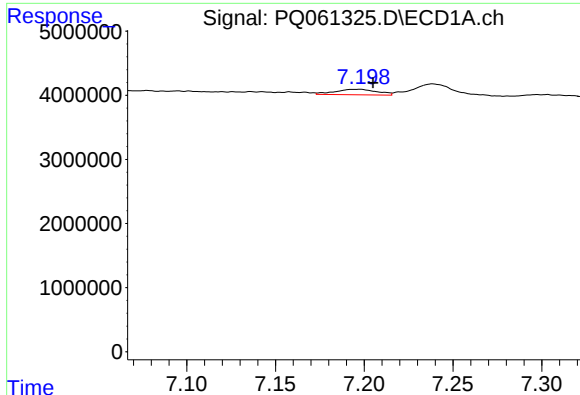
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 6.894 min
Response: 0
Conc: N.D.



#34 AR-1260-4

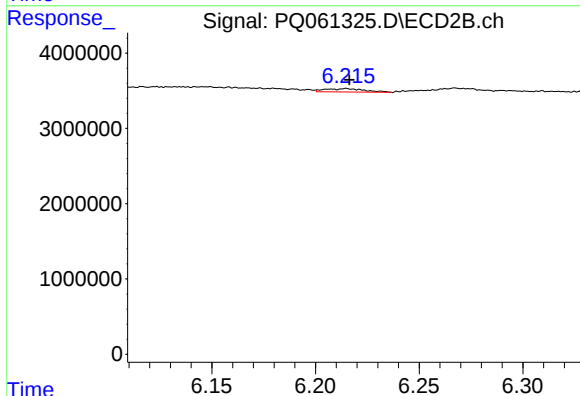
R.T.: 5.952 min
Delta R.T.: -0.018 min
Response: 2730335
Conc: 17.29 ng/ml



#35 AR-1260-5

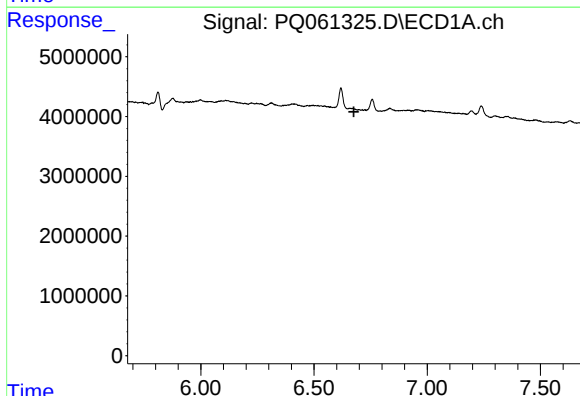
R.T.: 7.197 min
Delta R.T.: -0.008 min
Response: 1417480
Conc: 3.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



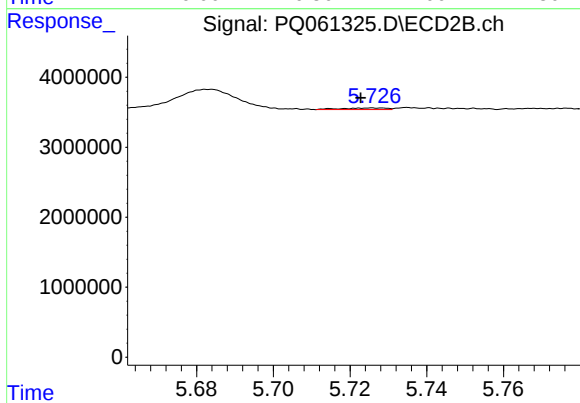
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: -0.001 min
Response: 600645
Conc: 1.65 ng/ml



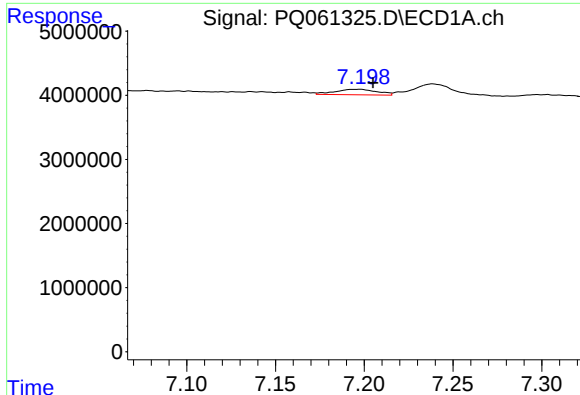
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.676 min
Response: 0
Conc: N.D.



#36 AR-1262-1

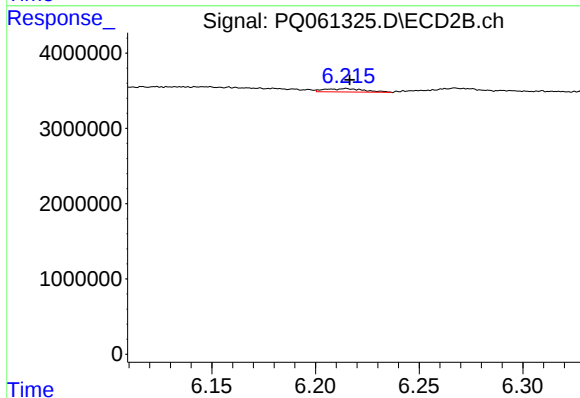
R.T.: 5.726 min
Delta R.T.: 0.004 min
Response: 183245
Conc: 0.74 ng/ml



#37 AR-1262-2

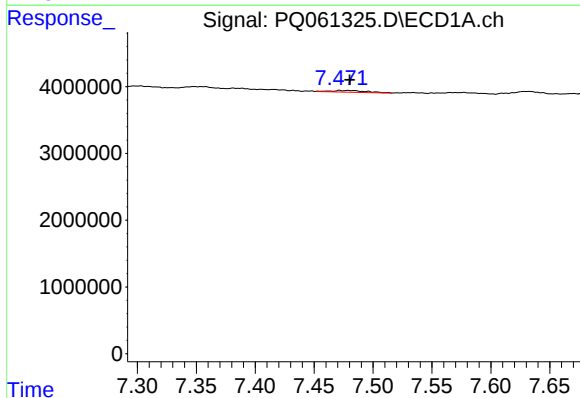
R.T.: 7.197 min
Delta R.T.: -0.008 min
Response: 1417480
Conc: 2.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



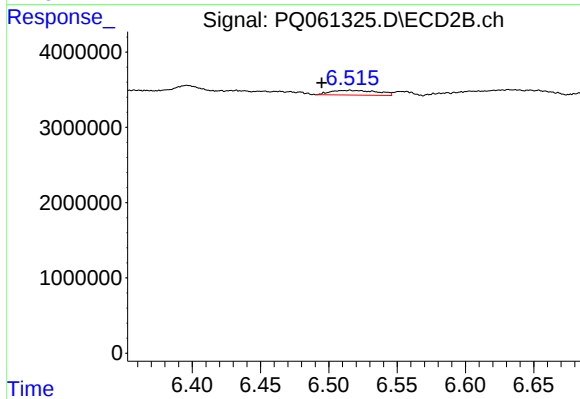
#37 AR-1262-2

R.T.: 6.215 min
Delta R.T.: -0.002 min
Response: 600645
Conc: 1.32 ng/ml



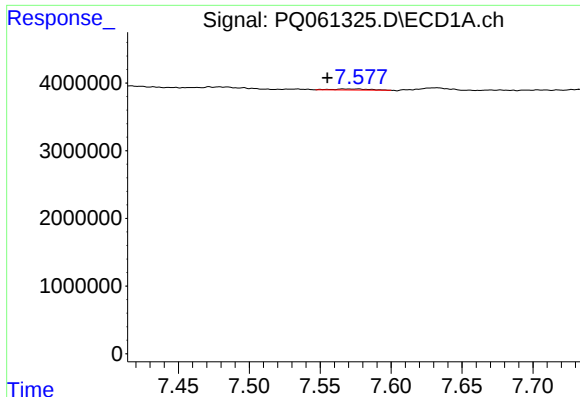
#38 AR-1262-3

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 517175
Conc: 1.42 ng/ml



#38 AR-1262-3

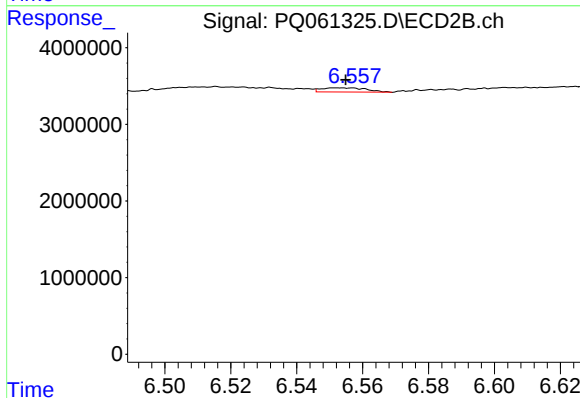
R.T.: 6.515 min
Delta R.T.: 0.021 min
Response: 1491500
Conc: 7.98 ng/ml



#39 AR-1262-4

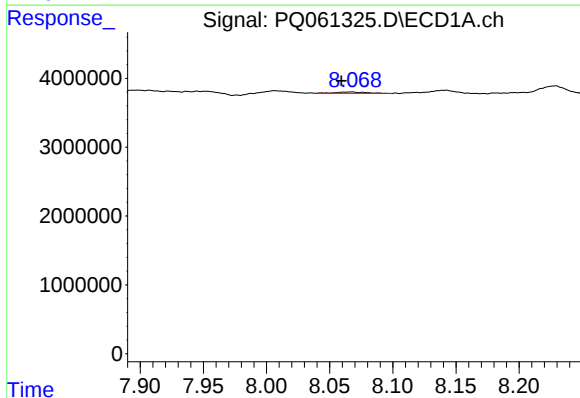
R.T.: 7.577 min
Delta R.T.: 0.022 min
Response: 282936
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



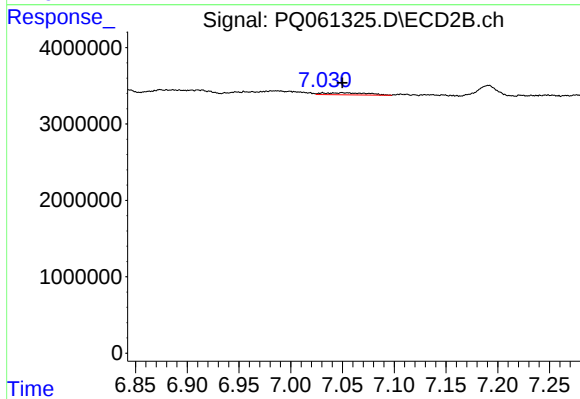
#39 AR-1262-4

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 520597
Conc: 1.50 ng/ml



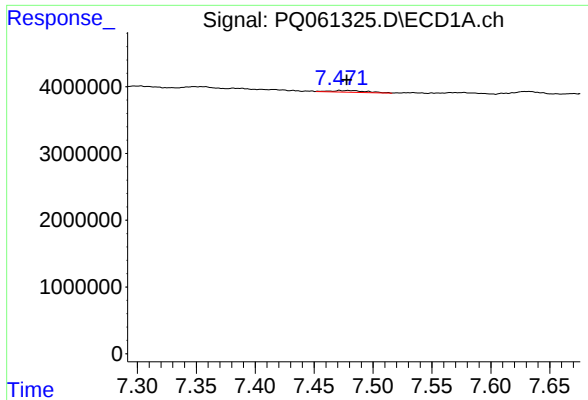
#40 AR-1262-5

R.T.: 8.068 min
Delta R.T.: 0.008 min
Response: 326166
Conc: 1.75 ng/ml



#40 AR-1262-5

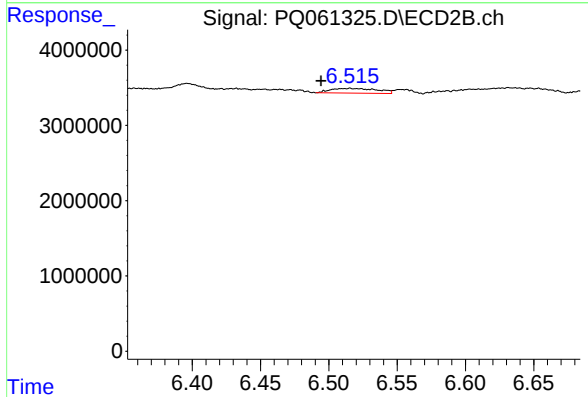
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 797829
Conc: 4.74 ng/ml



#41 AR-1268-1

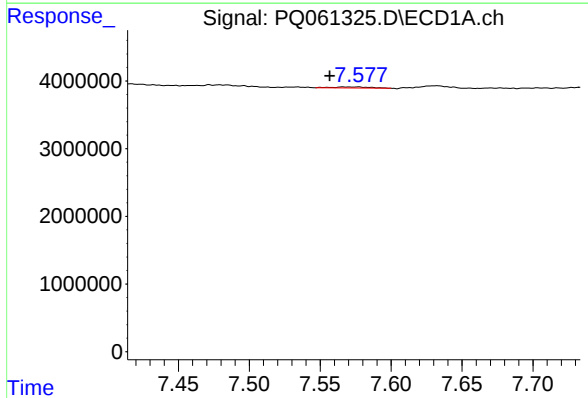
R.T.: 7.472 min
Delta R.T.: -0.006 min
Response: 517175
Conc: 0.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



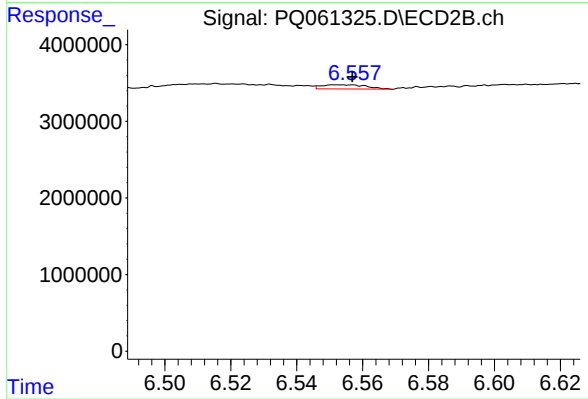
#41 AR-1268-1

R.T.: 6.515 min
Delta R.T.: 0.021 min
Response: 1491500
Conc: 2.80 ng/ml



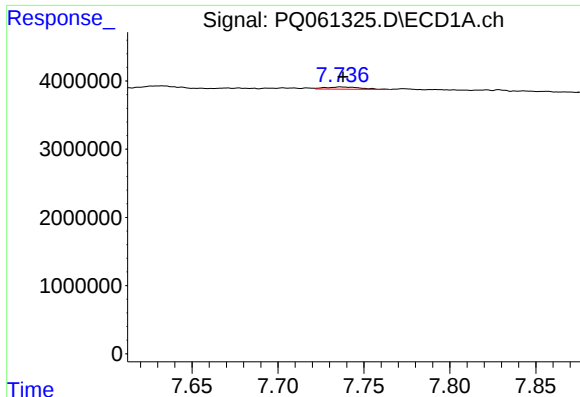
#42 AR-1268-2

R.T.: 7.577 min
Delta R.T.: 0.020 min
Response: 282936
Conc: 0.51 ng/ml



#42 AR-1268-2

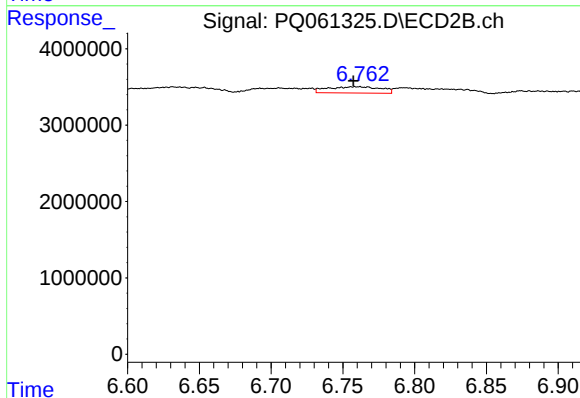
R.T.: 6.553 min
Delta R.T.: -0.004 min
Response: 520597
Conc: 1.08 ng/ml



#43 AR-1268-3

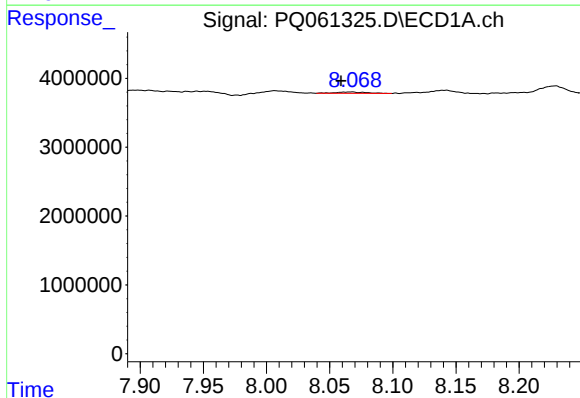
R.T.: 7.737 min
Delta R.T.: -0.001 min
Response: 448818
Conc: 0.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



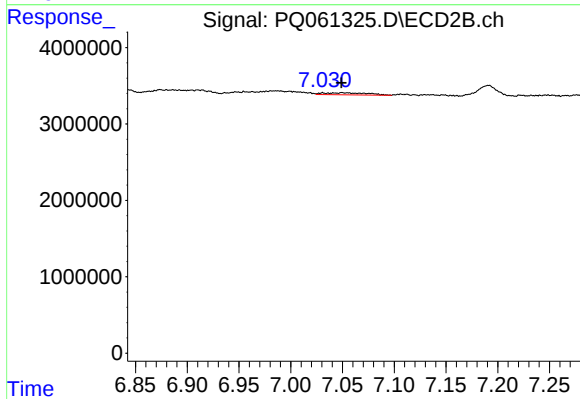
#43 AR-1268-3

R.T.: 6.761 min
Delta R.T.: 0.003 min
Response: 2114958
Conc: 5.05 ng/ml



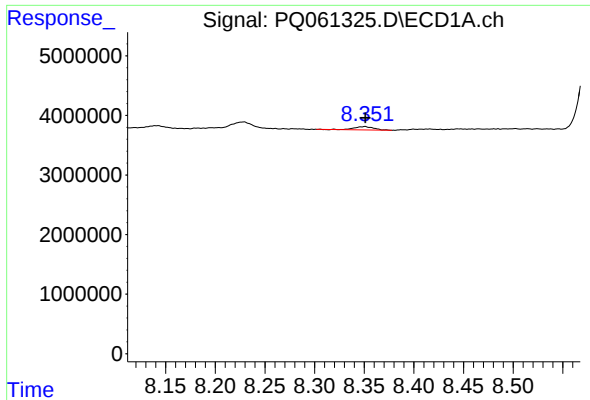
#44 AR-1268-4

R.T.: 8.068 min
Delta R.T.: 0.009 min
Response: 326166
Conc: 1.61 ng/ml



#44 AR-1268-4

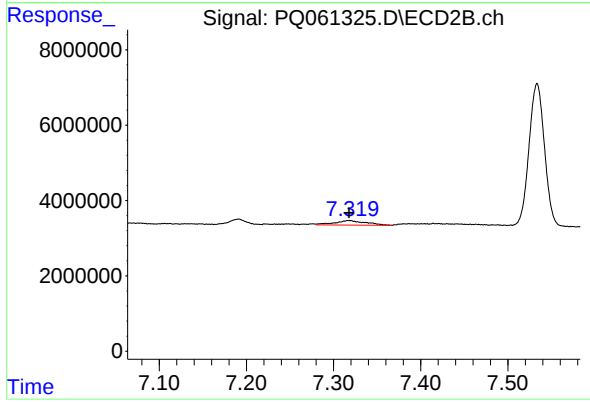
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 797829
Conc: 4.31 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 788796
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 2984992
Conc: 2.22 ng/ml