

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061923\
 Data File : PQ061496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 12:10
 Operator : YP\AJ
 Sample : 03233-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 15:18:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.409	2.760	23798334	16298325	5.294	6.103
2)	SA Decachlor...	8.590	7.534	28093505	25772061	8.340	7.678
Target Compounds							
3)	L1 AR-1016-1	0.000	3.765	0	52623	N.D.	0.510 #
4)	L1 AR-1016-2	4.558f	3.778	544151	217647	2.385	1.461 #
5)	L1 AR-1016-3	4.558	3.952	544151	150265	3.829	1.901 #
6)	L1 AR-1016-4	4.666	4.003	233037	136272	2.024	1.919
7)	L1 AR-1016-5	4.960	4.168	391493	173292	3.387	2.024 #
8)	L2 AR-1221-1	3.592	2.952	801555	928966	14.285	26.090 #
9)	L2 AR-1221-2	3.685	3.020	675831	288325	16.015	10.468 #
10)	L2 AR-1221-3	3.734	3.123	1020708	56679	7.787	0.669 #
11)	L3 AR-1232-1	3.734	3.123	1020708	56679	10.678	0.920 #
12)	L3 AR-1232-2	4.274f	3.778	239194	217647	4.354	3.159 #
13)	L3 AR-1232-3	4.558f	3.952	544151	150265	5.209	4.156
14)	L3 AR-1232-4	4.666	4.022	233037	295645	4.392	9.173 #
15)	L3 AR-1232-5	4.755	4.168	392488	173292	10.407	4.522 #
16)	L4 AR-1242-1	0.000	3.765	0	52623	N.D.	0.687 #
17)	L4 AR-1242-2	4.558f	3.778	544151	217647	3.205	1.964 #
18)	L4 AR-1242-3	4.558	3.952	544151	150265	5.086	2.539 #
19)	L4 AR-1242-4	4.666	4.022	233037	295645	2.685	4.937 #
20)	L4 AR-1242-5	5.364f	4.516	1419510	213865	16.006	2.671 #
21)	L5 AR-1248-1	0.000	3.765	0	52623	N.D.	0.846 #
22)	L5 AR-1248-2	4.755	3.974	392488	293627	3.087	3.038
23)	L5 AR-1248-3	4.960	4.022	391493	295645	2.541	3.234 #
24)	L5 AR-1248-4	5.364	4.168	1419510	173292	8.362	1.530 #
25)	L5 AR-1248-5	5.364f	4.564	1419510	72093	8.665	0.655 #
26)	L6 AR-1254-1	5.335	4.516	579022	213865	3.390	1.301 #
27)	L6 AR-1254-2	5.542	4.666	596130	33924	2.229	0.226 #
28)	L6 AR-1254-3	5.883	5.059	578425	658726	2.070	2.831 #
29)	L6 AR-1254-4	6.174	5.286	48362	27410	0.236	0.191
30)	L6 AR-1254-5	6.606	5.679	332454	60952	1.409	0.267 #
31)	L7 AR-1260-1	0.000	5.169	0	118016	N.D.	0.686 #
32)	L7 AR-1260-2	6.321	5.375	549633	602710	2.066	2.908 #
33)	L7 AR-1260-3	6.713f	5.512	2557604	153794	15.210	0.774 #
34)	L7 AR-1260-4	6.930f	5.944f	647536	383939	3.226	2.610
35)	L7 AR-1260-5	7.189	6.189f	79195	829305	0.208	2.554 #
36)	L8 AR-1262-1	6.713f	5.730	2557604	177589	8.543	0.733 #
37)	L8 AR-1262-2	7.189	6.247f	79195	701267	0.157	1.605 #
38)	L8 AR-1262-3	7.491	6.502	1067410	1268177	3.159	7.037 #
39)	L8 AR-1262-4	7.581	6.531f	1794957	510508	6.989	1.539 #
41)	L9 AR-1268-1	7.491	6.502	1067410	1268177	1.938	2.581 #
42)	L9 AR-1268-2	7.581	6.531f	1794957	510508	3.643	1.147 #

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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
43) L9	AR-1268-3	7.754	6.804f	2677995	406684	6.495	1.039 #
45) L9	AR-1268-5	8.319f	7.317	1694063	260096	1.425	0.210 #

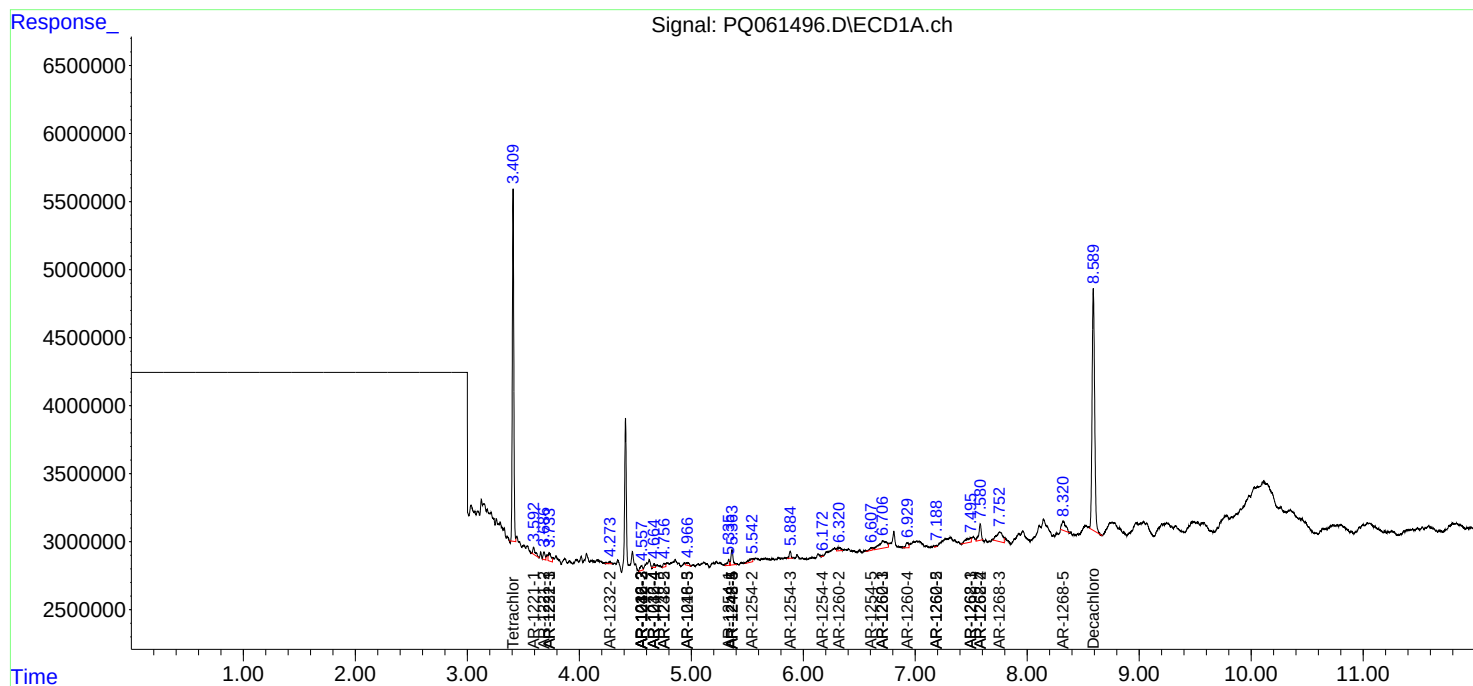
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

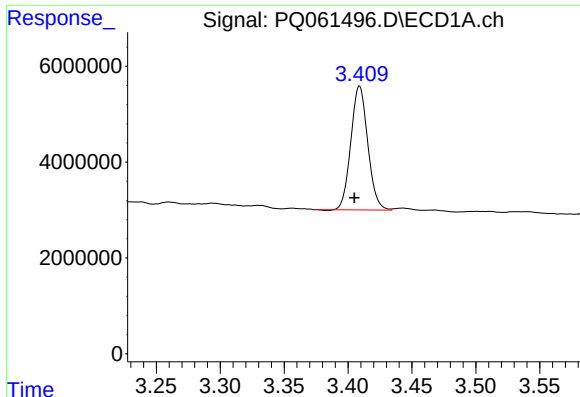
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061923\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

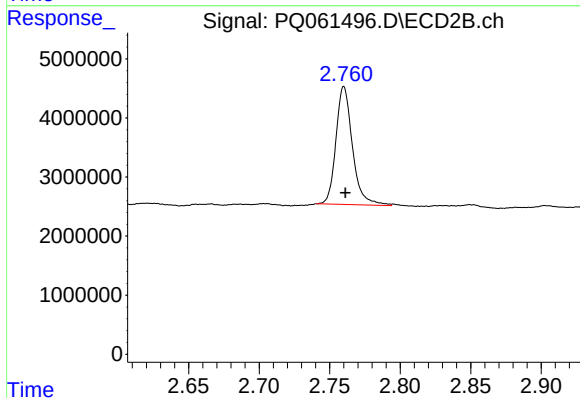




#1 Tetrachloro-m-xylene

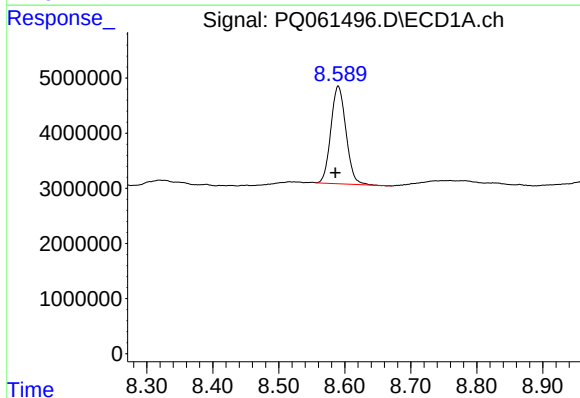
R.T.: 3.409 min
Delta R.T.: 0.004 min
Response: 23798334
Conc: 5.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



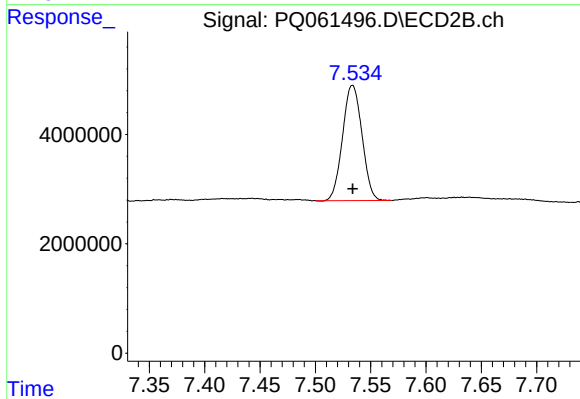
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 16298325
Conc: 6.10 ng/ml



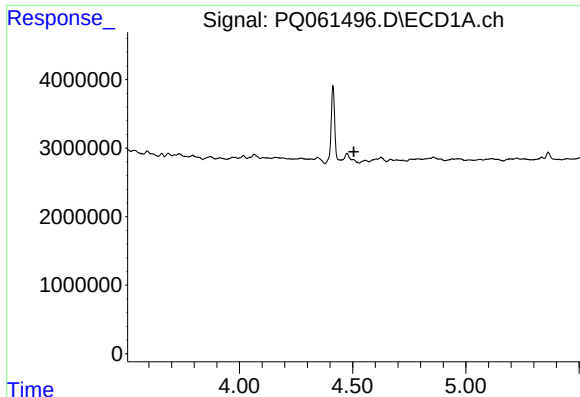
#2 Decachlorobiphenyl

R.T.: 8.590 min
Delta R.T.: 0.004 min
Response: 28093505
Conc: 8.34 ng/ml



#2 Decachlorobiphenyl

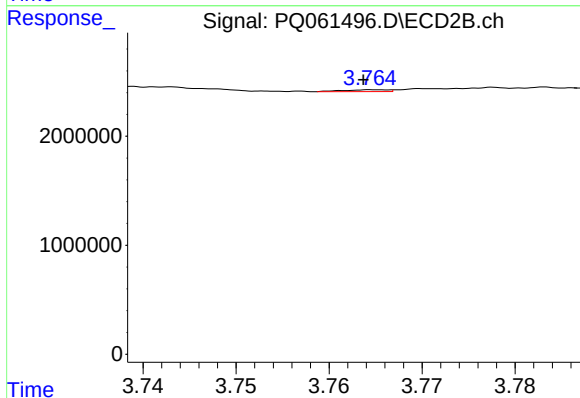
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 25772061
Conc: 7.68 ng/ml



#3 AR-1016-1

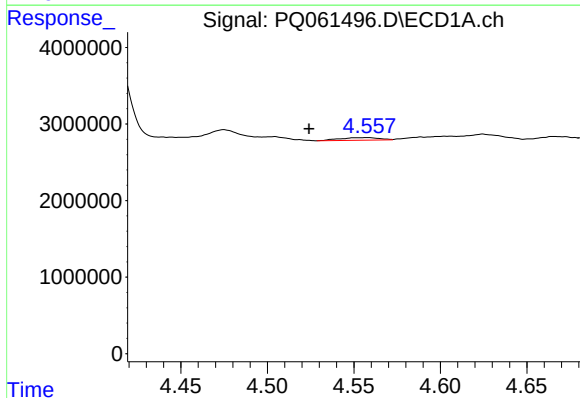
R.T.: 0.000 min
Exp R.T.: 4.505 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



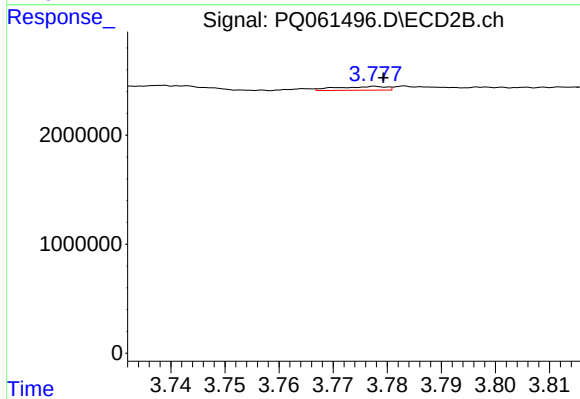
#3 AR-1016-1

R.T.: 3.765 min
Delta R.T.: 0.001 min
Response: 52623
Conc: 0.51 ng/ml



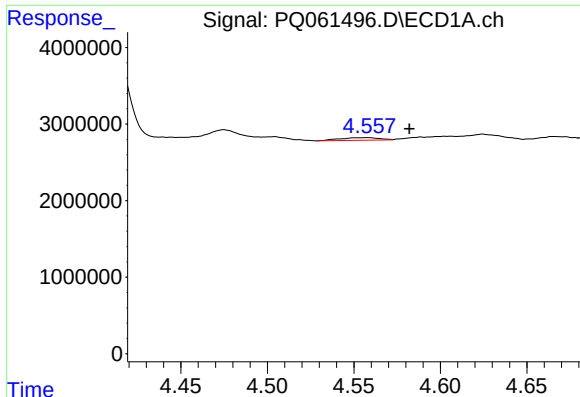
#4 AR-1016-2

R.T.: 4.558 min
Delta R.T.: 0.034 min
Response: 544151
Conc: 2.38 ng/ml



#4 AR-1016-2

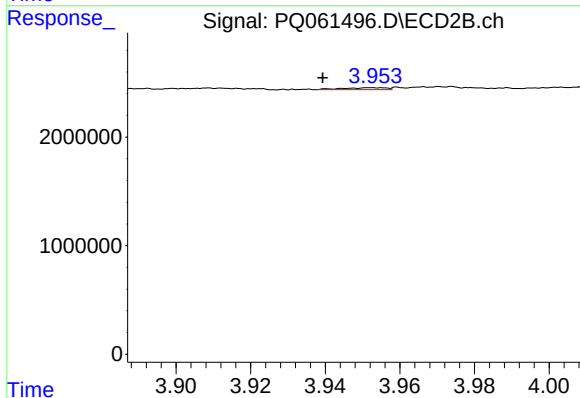
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 217647
Conc: 1.46 ng/ml



#5 AR-1016-3

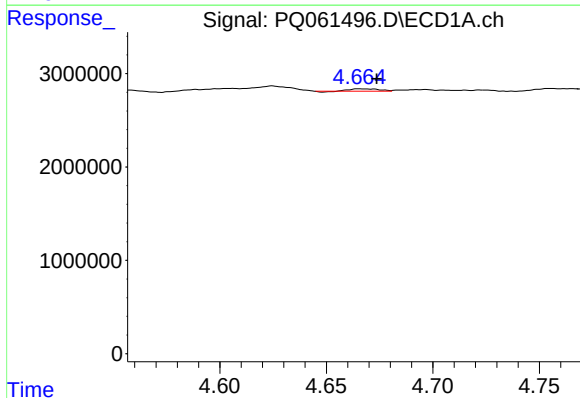
R.T.: 4.558 min
Delta R.T.: -0.024 min
Response: 544151
Conc: 3.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



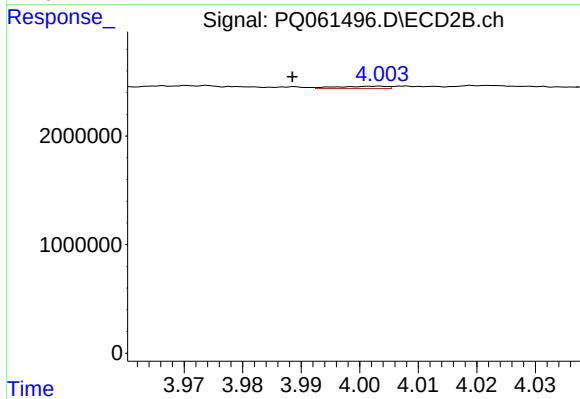
#5 AR-1016-3

R.T.: 3.952 min
Delta R.T.: 0.013 min
Response: 150265
Conc: 1.90 ng/ml



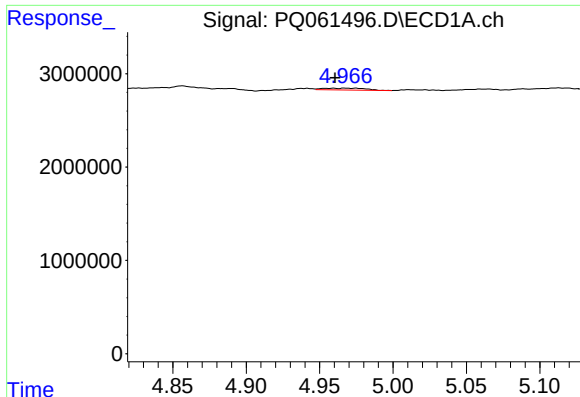
#6 AR-1016-4

R.T.: 4.666 min
Delta R.T.: -0.008 min
Response: 233037
Conc: 2.02 ng/ml



#6 AR-1016-4

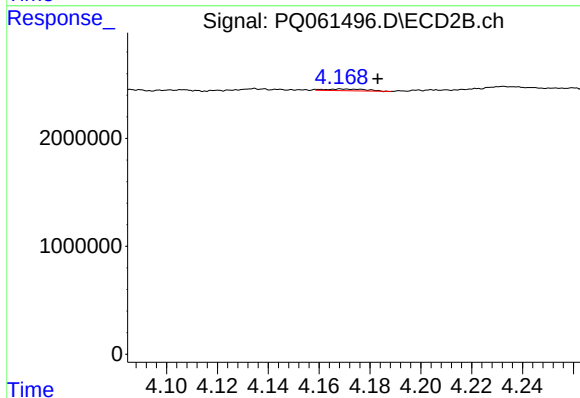
R.T.: 4.003 min
Delta R.T.: 0.014 min
Response: 136272
Conc: 1.92 ng/ml



#7 AR-1016-5

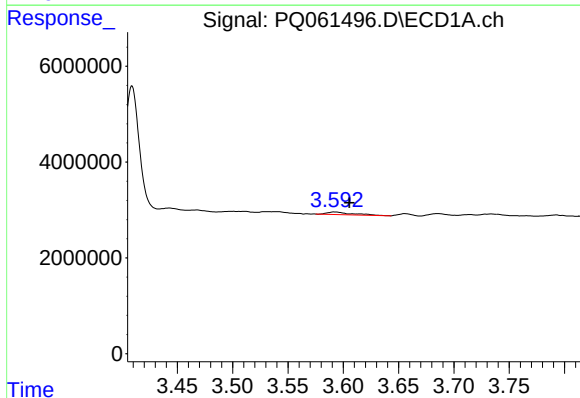
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 391493
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



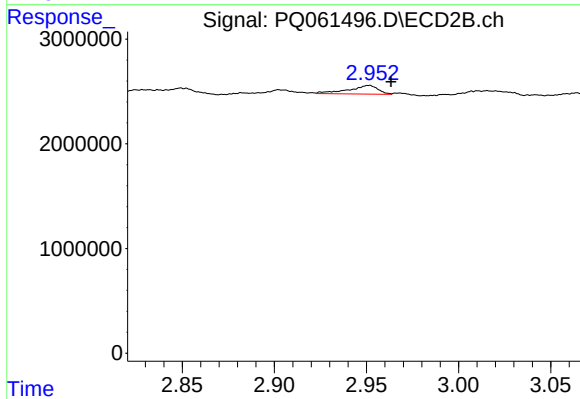
#7 AR-1016-5

R.T.: 4.168 min
Delta R.T.: -0.015 min
Response: 173292
Conc: 2.02 ng/ml



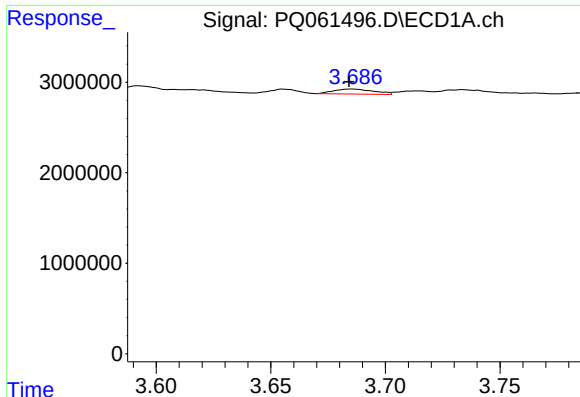
#8 AR-1221-1

R.T.: 3.592 min
Delta R.T.: -0.013 min
Response: 801555
Conc: 14.29 ng/ml



#8 AR-1221-1

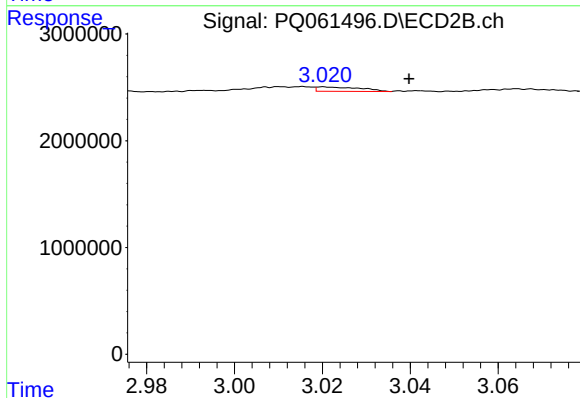
R.T.: 2.952 min
Delta R.T.: -0.011 min
Response: 928966
Conc: 26.09 ng/ml



#9 AR-1221-2

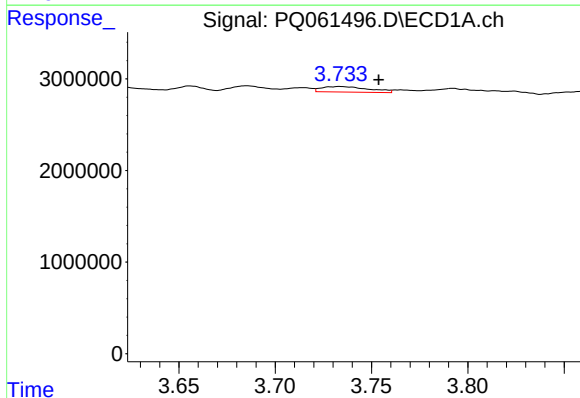
R.T.: 3.685 min
Delta R.T.: 0.001 min
Response: 675831
Conc: 16.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



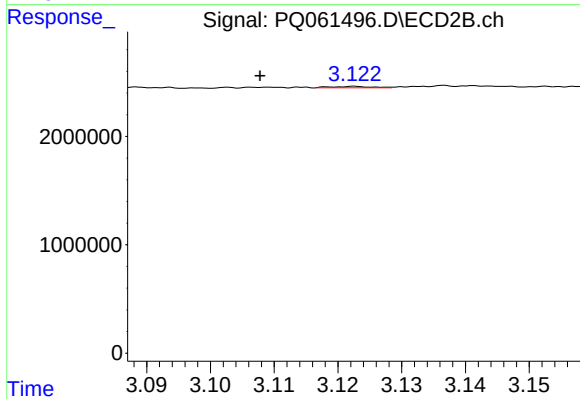
#9 AR-1221-2

R.T.: 3.020 min
Delta R.T.: -0.019 min
Response: 288325
Conc: 10.47 ng/ml



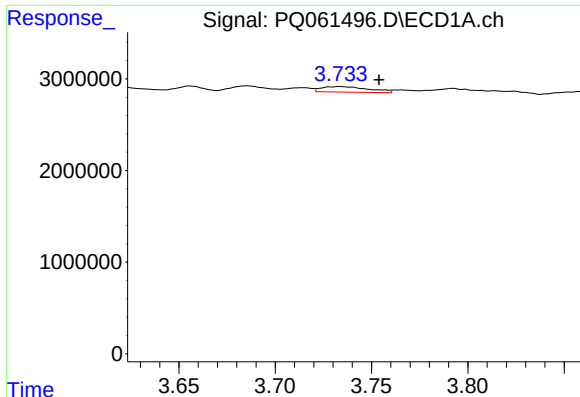
#10 AR-1221-3

R.T.: 3.734 min
Delta R.T.: -0.020 min
Response: 1020708
Conc: 7.79 ng/ml



#10 AR-1221-3

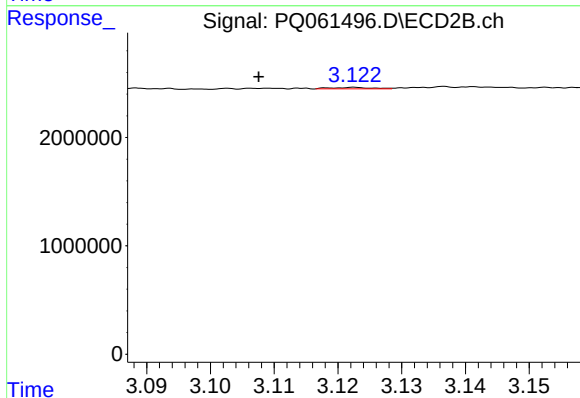
R.T.: 3.123 min
Delta R.T.: 0.015 min
Response: 56679
Conc: 0.67 ng/ml



#11 AR-1232-1

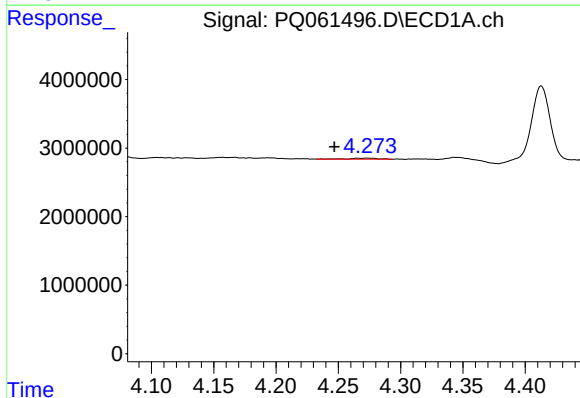
R.T.: 3.734 min
Delta R.T.: -0.020 min
Response: 1020708
Conc: 10.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



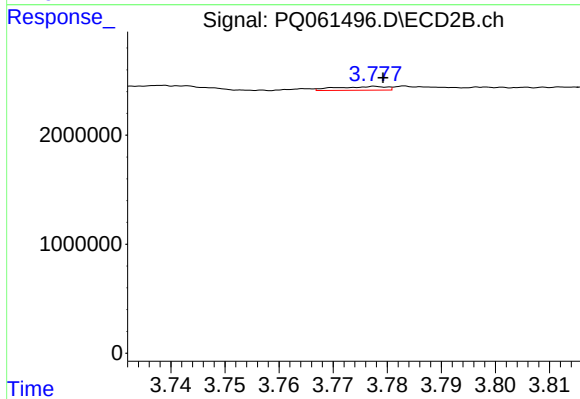
#11 AR-1232-1

R.T.: 3.123 min
Delta R.T.: 0.015 min
Response: 56679
Conc: 0.92 ng/ml



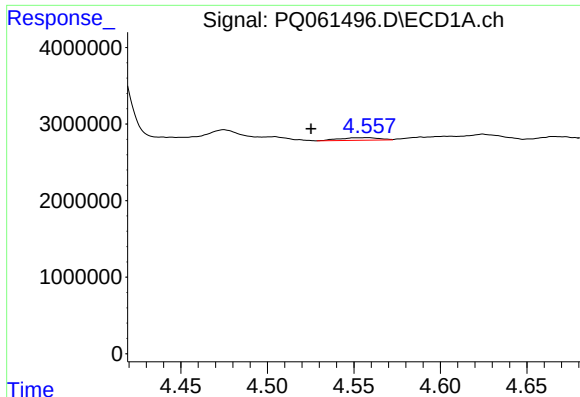
#12 AR-1232-2

R.T.: 4.274 min
Delta R.T.: 0.027 min
Response: 239194
Conc: 4.35 ng/ml



#12 AR-1232-2

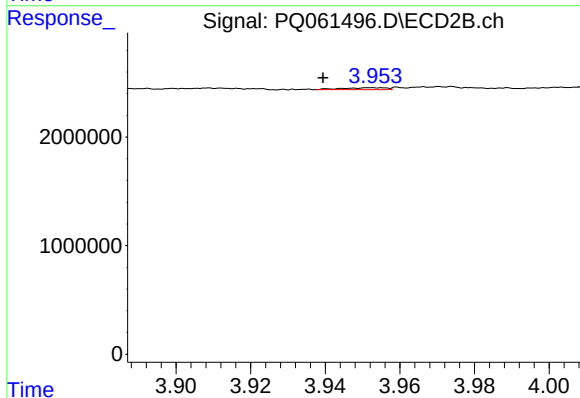
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 217647
Conc: 3.16 ng/ml



#13 AR-1232-3

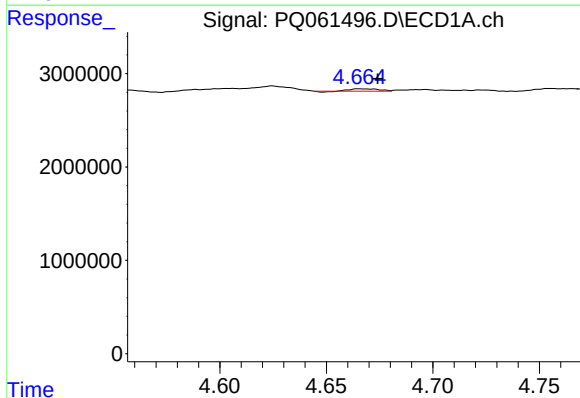
R.T.: 4.558 min
Delta R.T.: 0.033 min
Response: 544151
Conc: 5.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



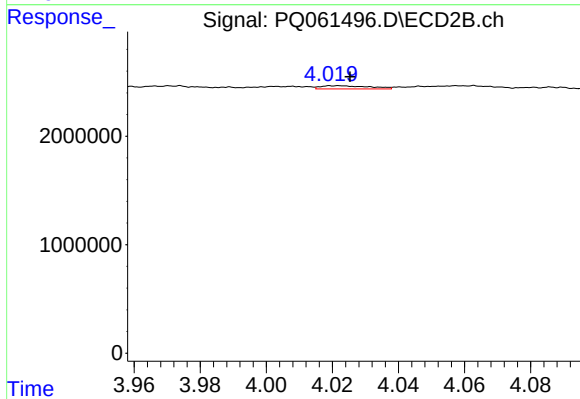
#13 AR-1232-3

R.T.: 3.952 min
Delta R.T.: 0.013 min
Response: 150265
Conc: 4.16 ng/ml



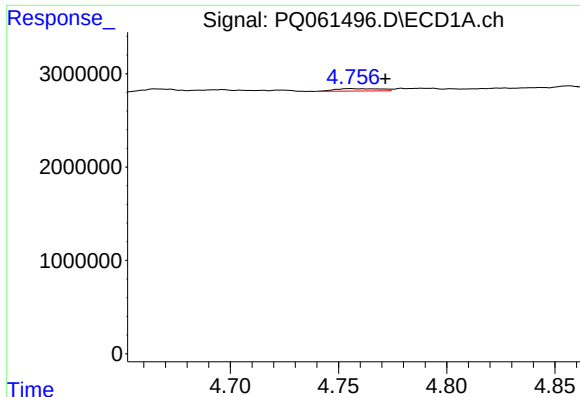
#14 AR-1232-4

R.T.: 4.666 min
Delta R.T.: -0.008 min
Response: 233037
Conc: 4.39 ng/ml



#14 AR-1232-4

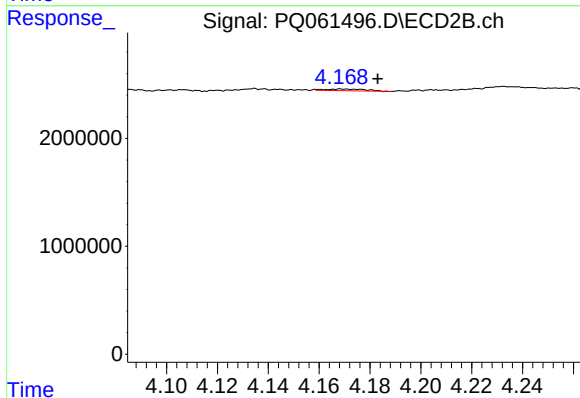
R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 295645
Conc: 9.17 ng/ml



#15 AR-1232-5

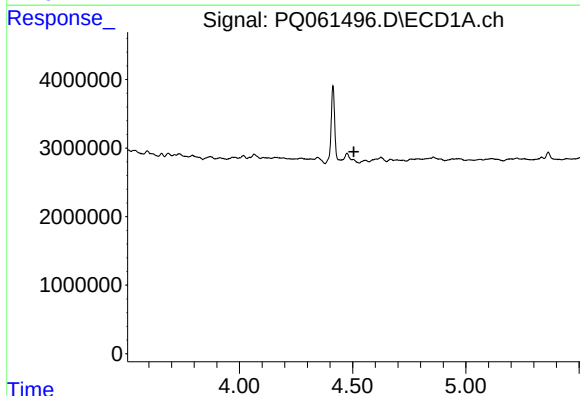
R.T.: 4.755 min
Delta R.T.: -0.016 min
Response: 392488
Conc: 10.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



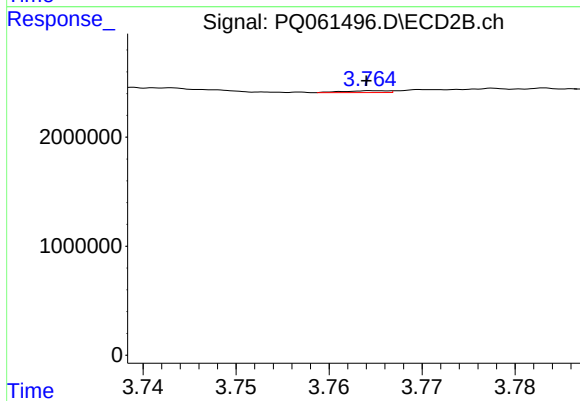
#15 AR-1232-5

R.T.: 4.168 min
Delta R.T.: -0.015 min
Response: 173292
Conc: 4.52 ng/ml



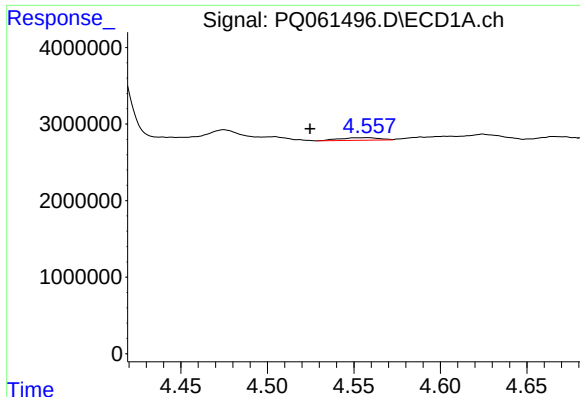
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.505 min
Response: 0
Conc: N.D.



#16 AR-1242-1

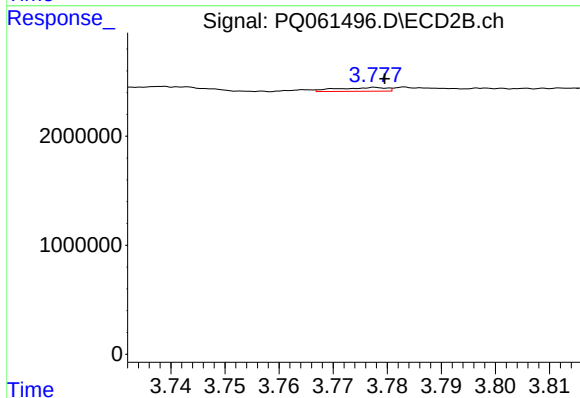
R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 52623
Conc: 0.69 ng/ml



#17 AR-1242-2

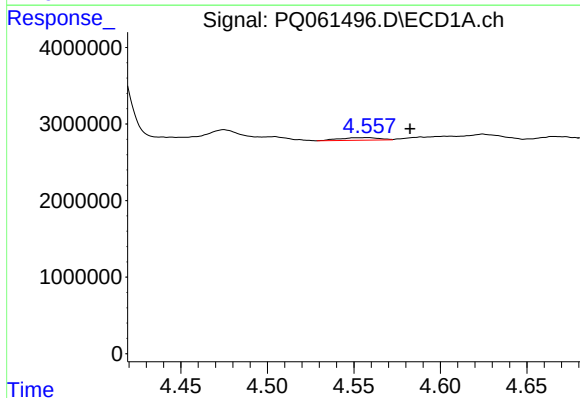
R.T.: 4.558 min
Delta R.T.: 0.033 min
Response: 544151
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



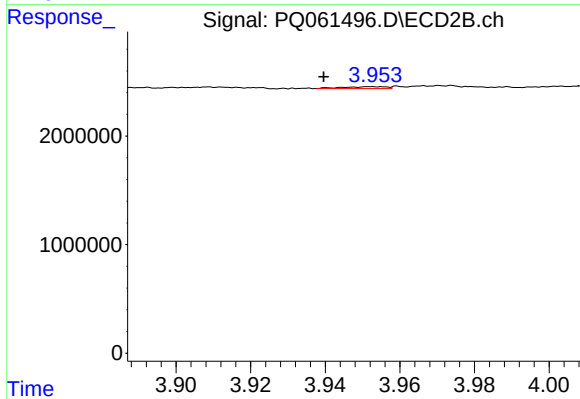
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 217647
Conc: 1.96 ng/ml



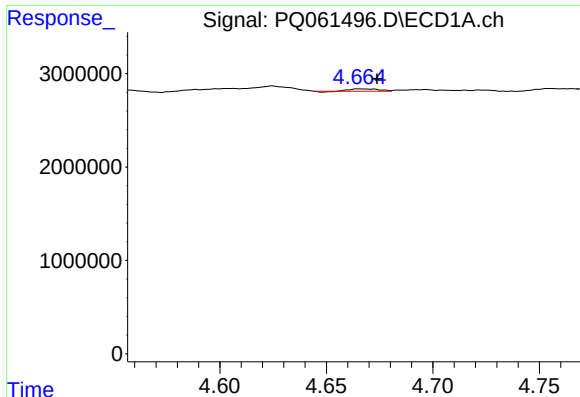
#18 AR-1242-3

R.T.: 4.558 min
Delta R.T.: -0.025 min
Response: 544151
Conc: 5.09 ng/ml



#18 AR-1242-3

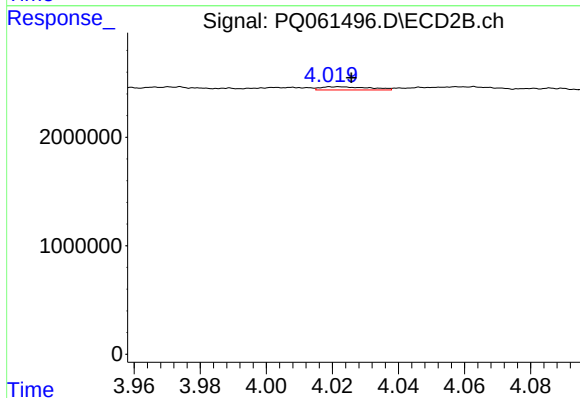
R.T.: 3.952 min
Delta R.T.: 0.013 min
Response: 150265
Conc: 2.54 ng/ml



#19 AR-1242-4

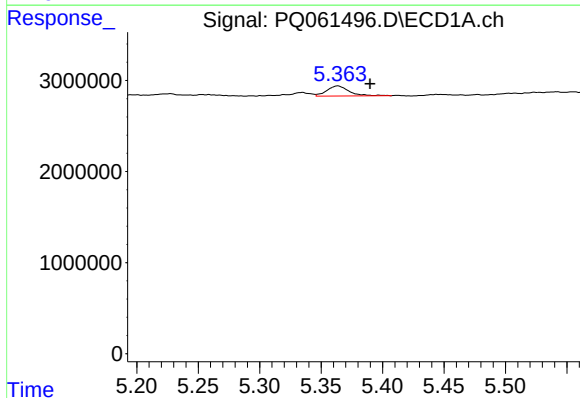
R.T.: 4.666 min
Delta R.T.: -0.008 min
Response: 233037
Conc: 2.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



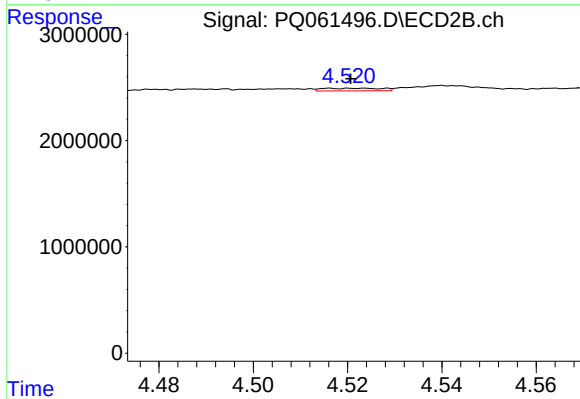
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: -0.004 min
Response: 295645
Conc: 4.94 ng/ml



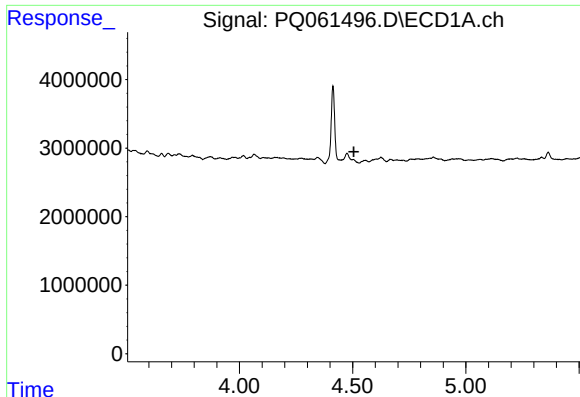
#20 AR-1242-5

R.T.: 5.364 min
Delta R.T.: -0.026 min
Response: 1419510
Conc: 16.01 ng/ml



#20 AR-1242-5

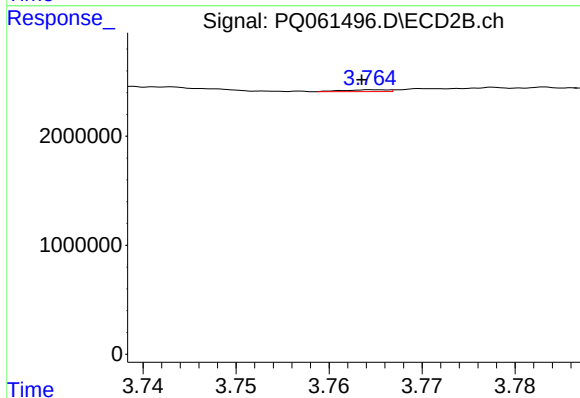
R.T.: 4.516 min
Delta R.T.: -0.004 min
Response: 213865
Conc: 2.67 ng/ml



#21 AR-1248-1

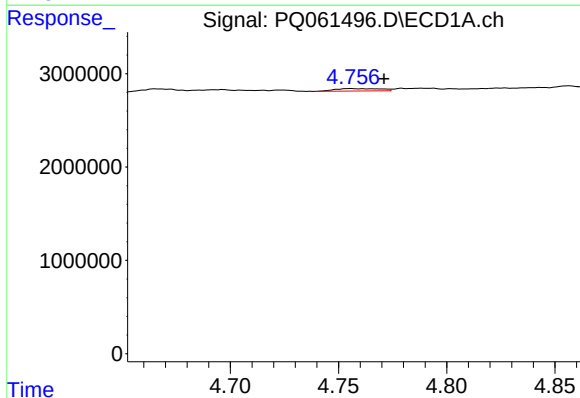
R.T.: 0.000 min
Exp R.T.: 4.505 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



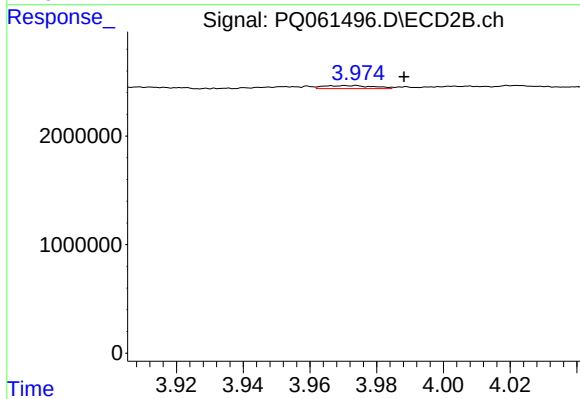
#21 AR-1248-1

R.T.: 3.765 min
Delta R.T.: 0.001 min
Response: 52623
Conc: 0.85 ng/ml



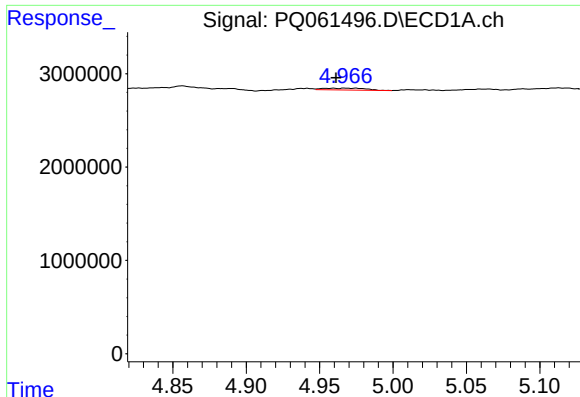
#22 AR-1248-2

R.T.: 4.755 min
Delta R.T.: -0.016 min
Response: 392488
Conc: 3.09 ng/ml



#22 AR-1248-2

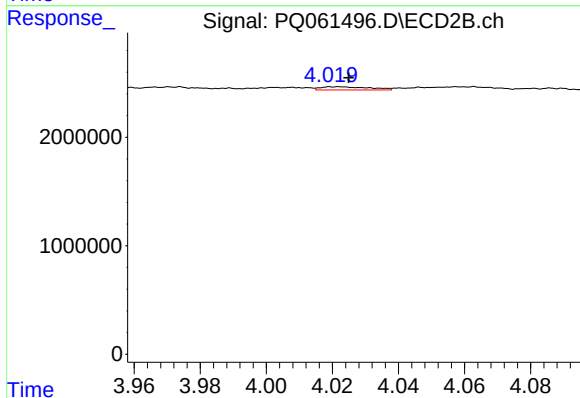
R.T.: 3.974 min
Delta R.T.: -0.014 min
Response: 293627
Conc: 3.04 ng/ml



#23 AR-1248-3

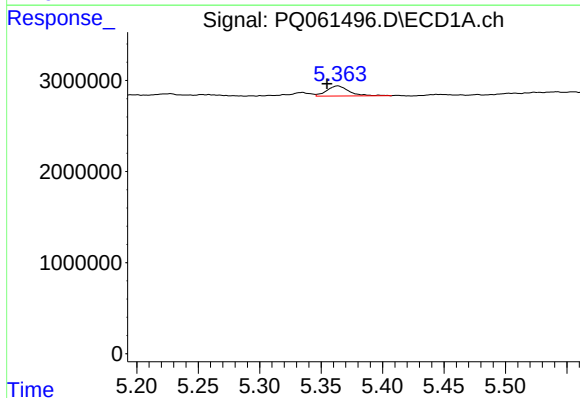
R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 391493
Conc: 2.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



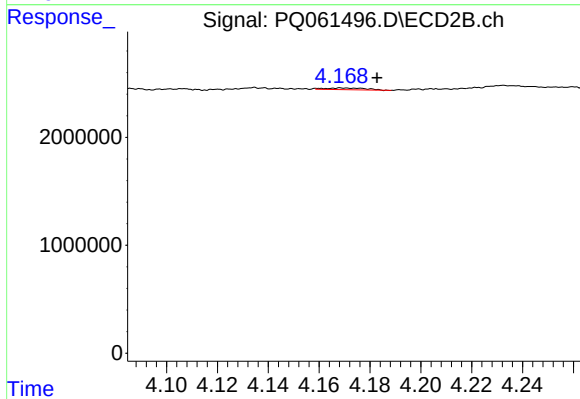
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 295645
Conc: 3.23 ng/ml



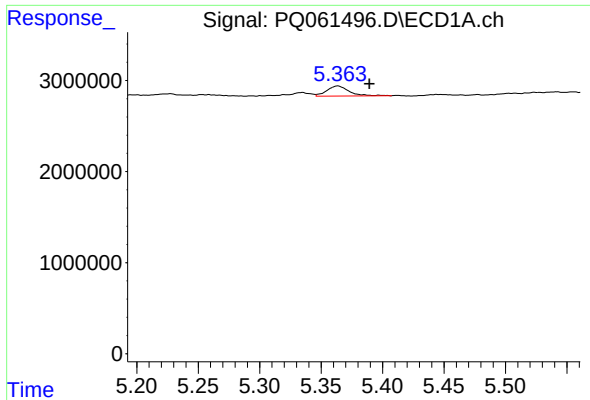
#24 AR-1248-4

R.T.: 5.364 min
Delta R.T.: 0.009 min
Response: 1419510
Conc: 8.36 ng/ml



#24 AR-1248-4

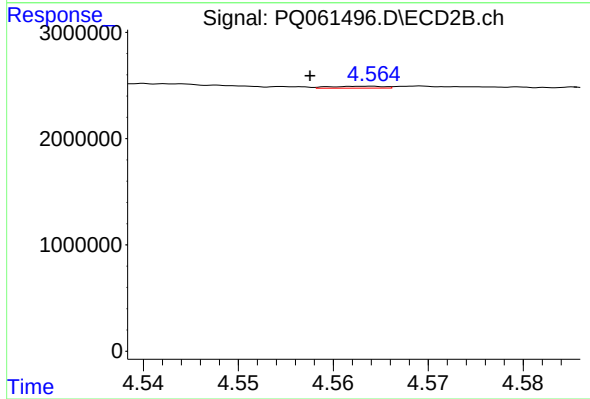
R.T.: 4.168 min
Delta R.T.: -0.014 min
Response: 173292
Conc: 1.53 ng/ml



#25 AR-1248-5

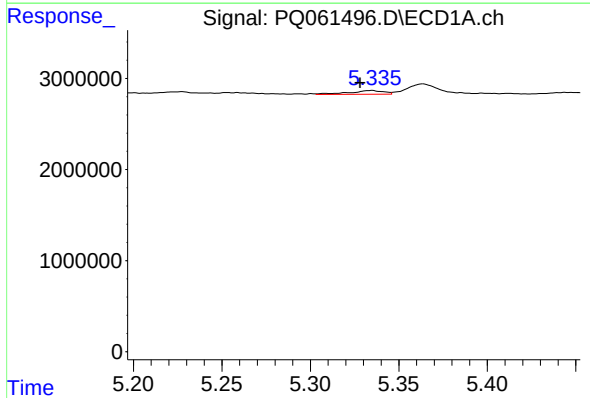
R.T.: 5.364 min
Delta R.T.: -0.026 min
Response: 1419510
Conc: 8.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



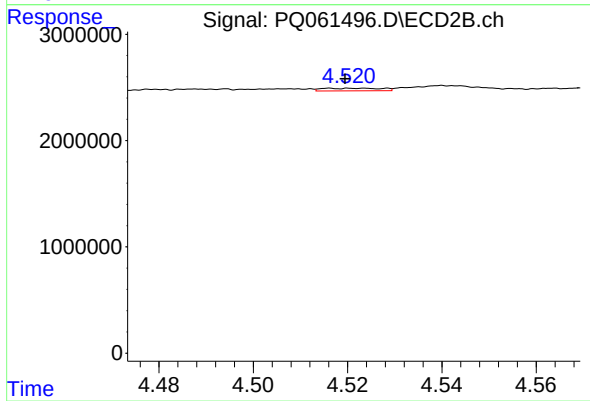
#25 AR-1248-5

R.T.: 4.564 min
Delta R.T.: 0.006 min
Response: 72093
Conc: 0.65 ng/ml



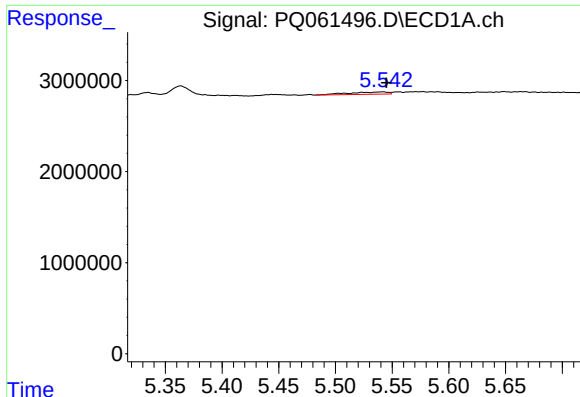
#26 AR-1254-1

R.T.: 5.335 min
Delta R.T.: 0.007 min
Response: 579022
Conc: 3.39 ng/ml



#26 AR-1254-1

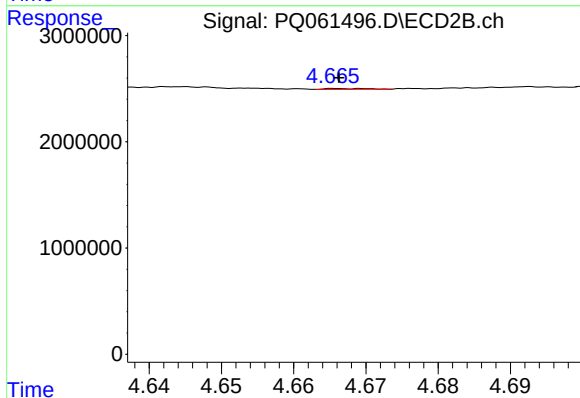
R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 213865
Conc: 1.30 ng/ml



#27 AR-1254-2

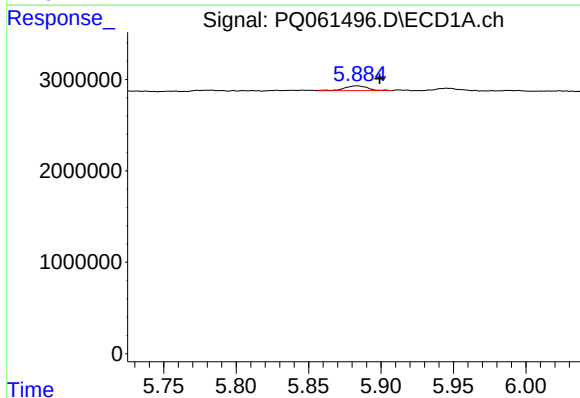
R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 596130
Conc: 2.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



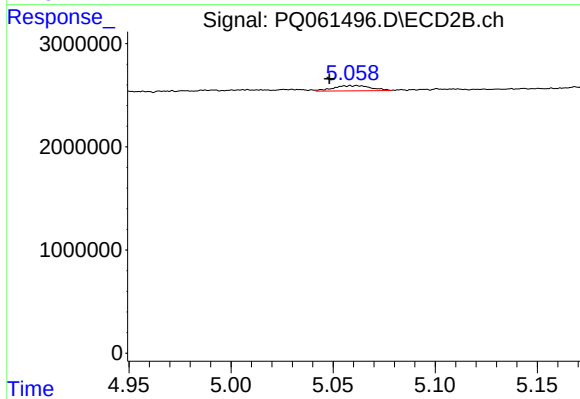
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 33924
Conc: 0.23 ng/ml



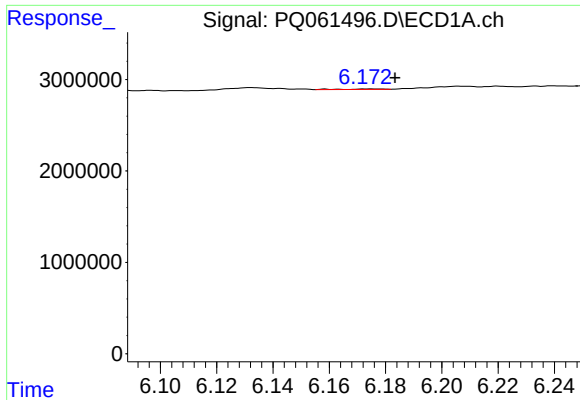
#28 AR-1254-3

R.T.: 5.883 min
Delta R.T.: -0.016 min
Response: 578425
Conc: 2.07 ng/ml



#28 AR-1254-3

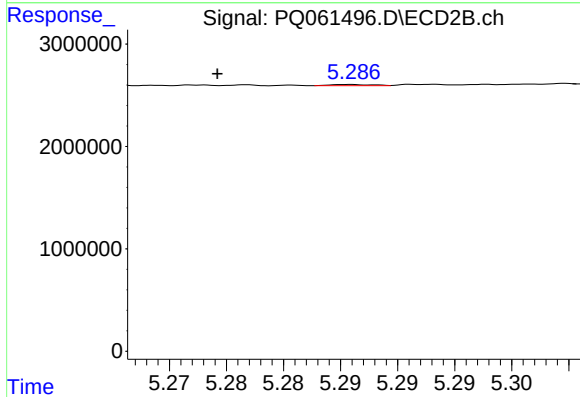
R.T.: 5.059 min
Delta R.T.: 0.010 min
Response: 658726
Conc: 2.83 ng/ml



#29 AR-1254-4

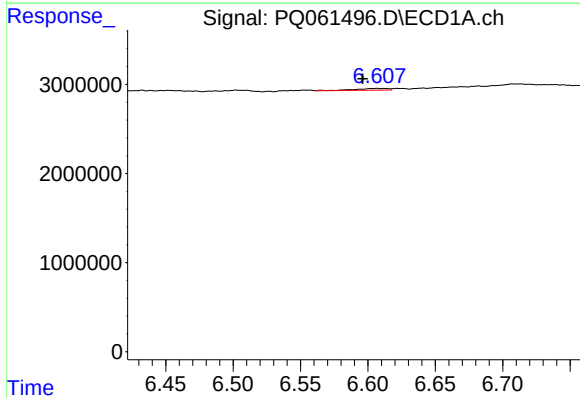
R.T.: 6.174 min
Delta R.T.: -0.009 min
Response: 48362
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



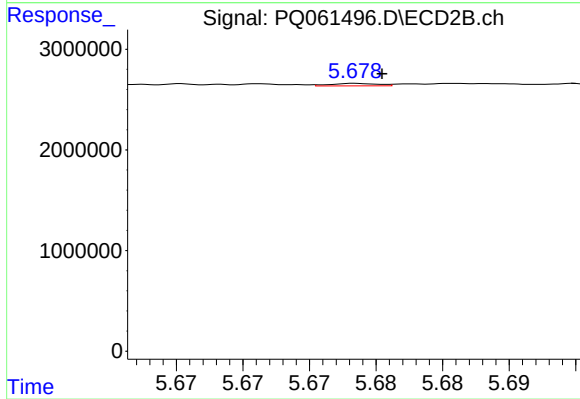
#29 AR-1254-4

R.T.: 5.286 min
Delta R.T.: 0.012 min
Response: 27410
Conc: 0.19 ng/ml



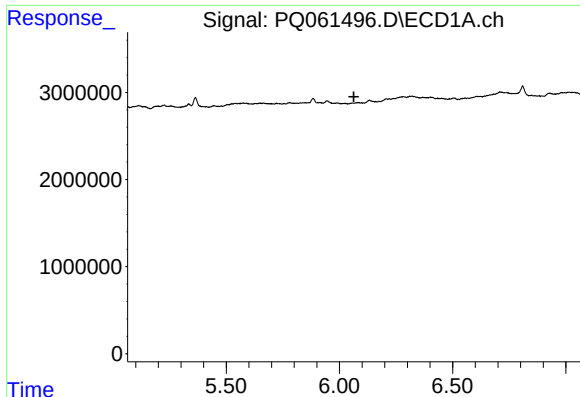
#30 AR-1254-5

R.T.: 6.606 min
Delta R.T.: 0.010 min
Response: 332454
Conc: 1.41 ng/ml



#30 AR-1254-5

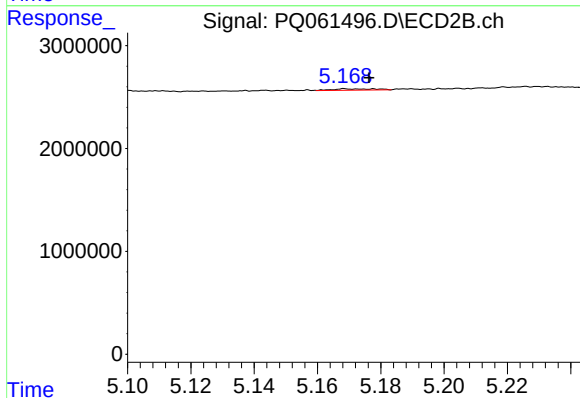
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 60952
Conc: 0.27 ng/ml



#31 AR-1260-1

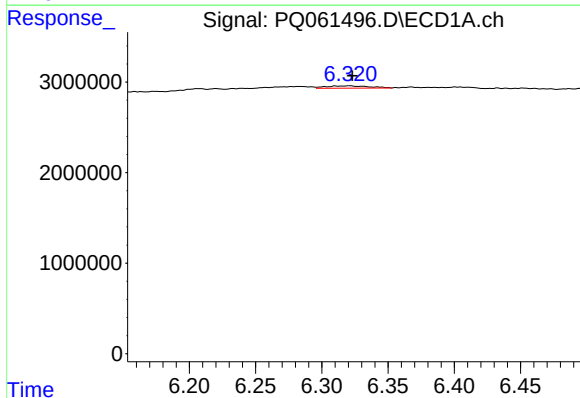
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



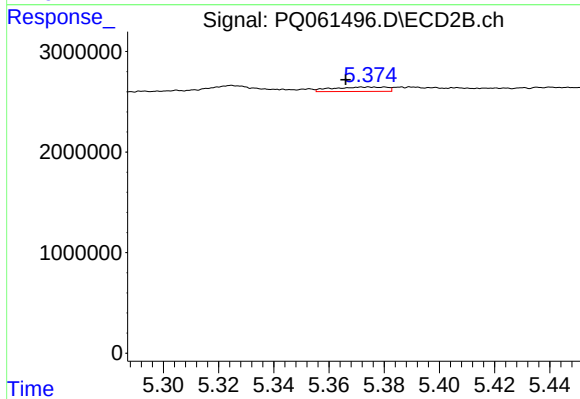
#31 AR-1260-1

R.T.: 5.169 min
Delta R.T.: -0.008 min
Response: 118016
Conc: 0.69 ng/ml



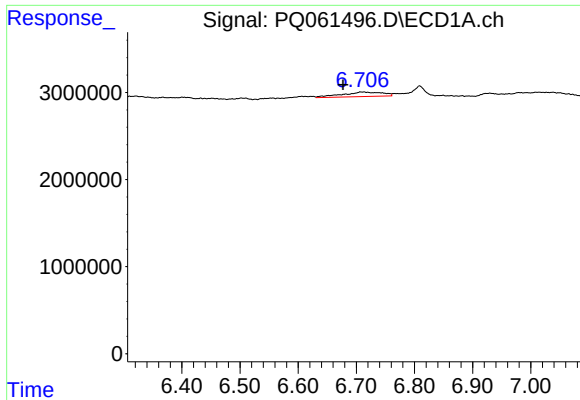
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 549633
Conc: 2.07 ng/ml



#32 AR-1260-2

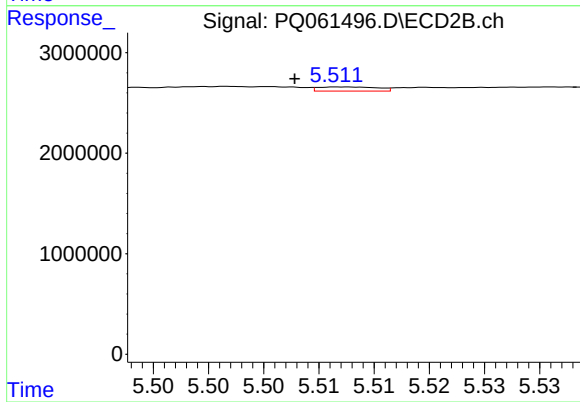
R.T.: 5.375 min
Delta R.T.: 0.009 min
Response: 602710
Conc: 2.91 ng/ml



#33 AR-1260-3

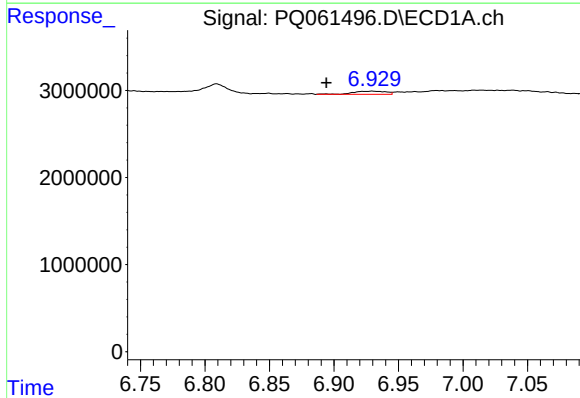
R.T.: 6.713 min
Delta R.T.: 0.036 min
Response: 2557604
Conc: 15.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



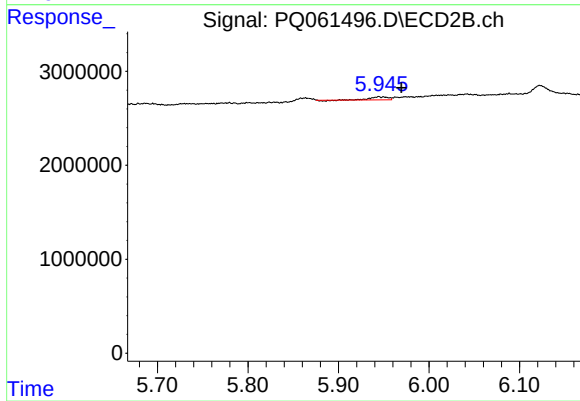
#33 AR-1260-3

R.T.: 5.512 min
Delta R.T.: 0.005 min
Response: 153794
Conc: 0.77 ng/ml



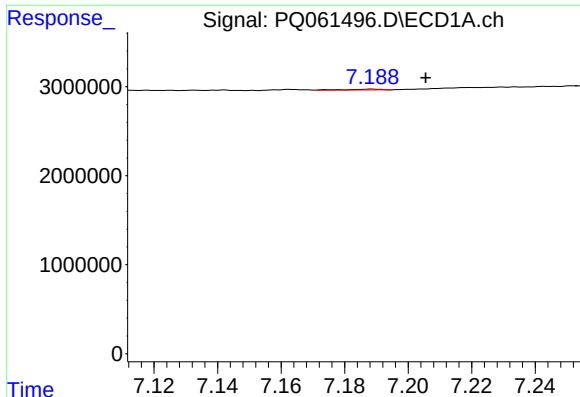
#34 AR-1260-4

R.T.: 6.930 min
Delta R.T.: 0.036 min
Response: 647536
Conc: 3.23 ng/ml



#34 AR-1260-4

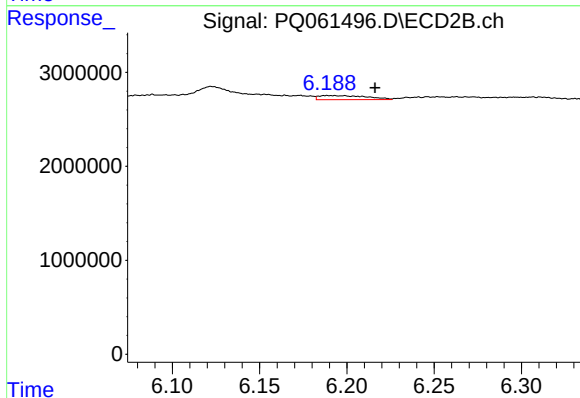
R.T.: 5.944 min
Delta R.T.: -0.025 min
Response: 383939
Conc: 2.61 ng/ml



#35 AR-1260-5

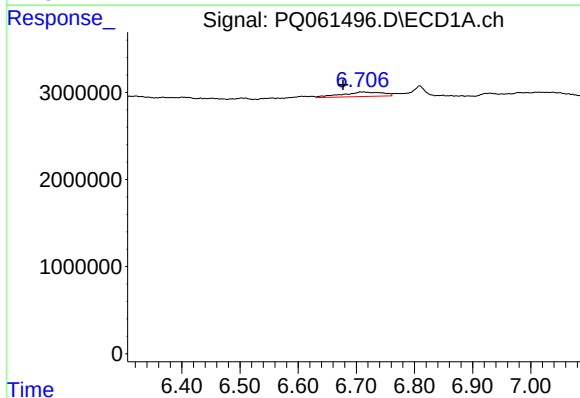
R.T.: 7.189 min
Delta R.T.: -0.017 min
Response: 79195
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



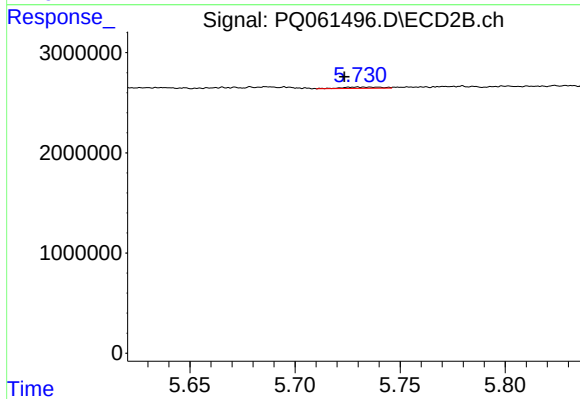
#35 AR-1260-5

R.T.: 6.189 min
Delta R.T.: -0.027 min
Response: 829305
Conc: 2.55 ng/ml



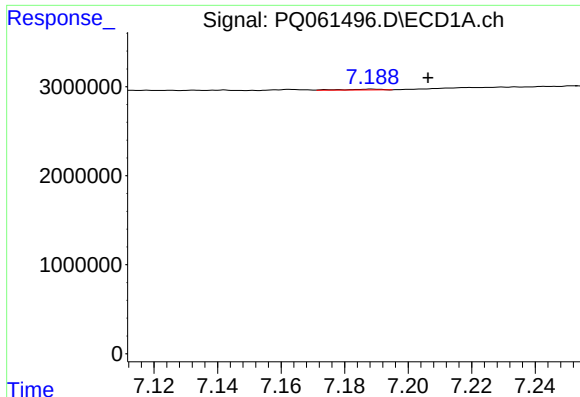
#36 AR-1262-1

R.T.: 6.713 min
Delta R.T.: 0.036 min
Response: 2557604
Conc: 8.54 ng/ml



#36 AR-1262-1

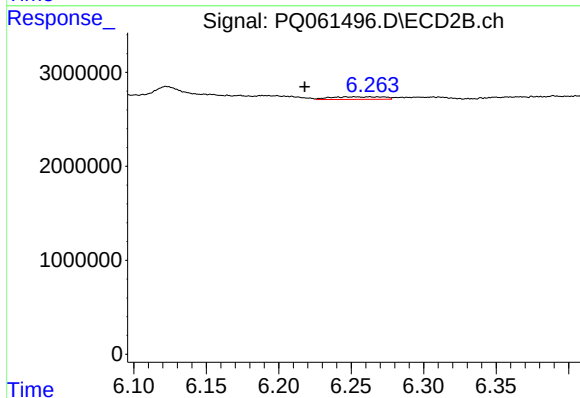
R.T.: 5.730 min
Delta R.T.: 0.006 min
Response: 177589
Conc: 0.73 ng/ml



#37 AR-1262-2

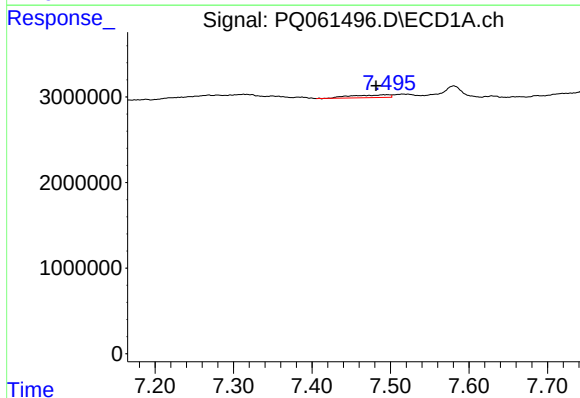
R.T.: 7.189 min
Delta R.T.: -0.018 min
Response: 79195
Conc: 0.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



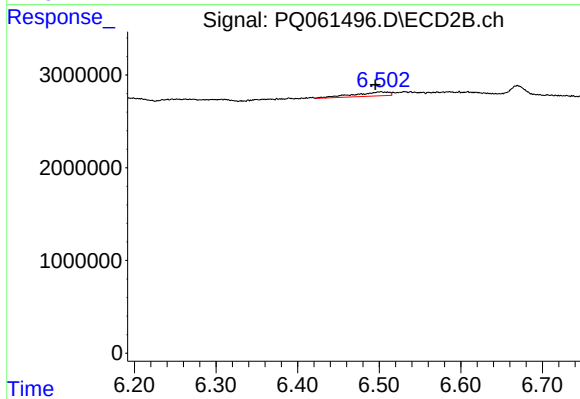
#37 AR-1262-2

R.T.: 6.247 min
Delta R.T.: 0.029 min
Response: 701267
Conc: 1.60 ng/ml



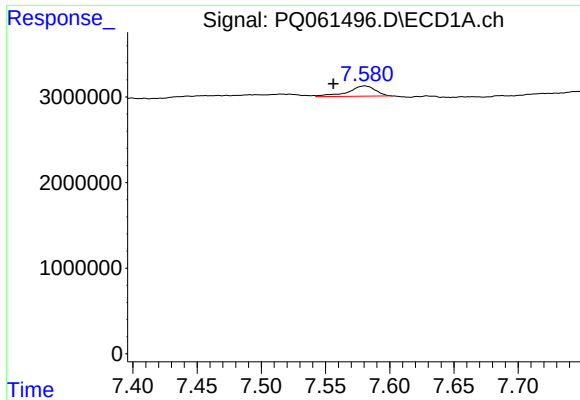
#38 AR-1262-3

R.T.: 7.491 min
Delta R.T.: 0.009 min
Response: 1067410
Conc: 3.16 ng/ml



#38 AR-1262-3

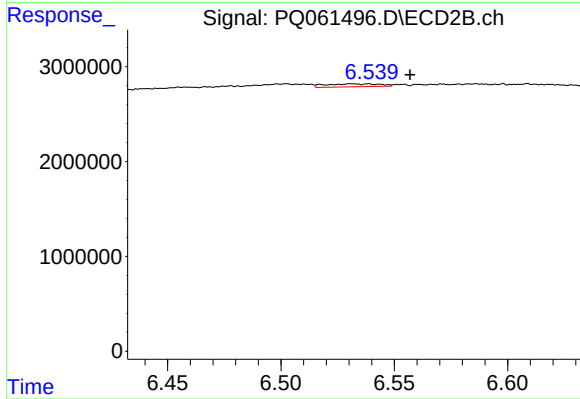
R.T.: 6.502 min
Delta R.T.: 0.007 min
Response: 1268177
Conc: 7.04 ng/ml



#39 AR-1262-4

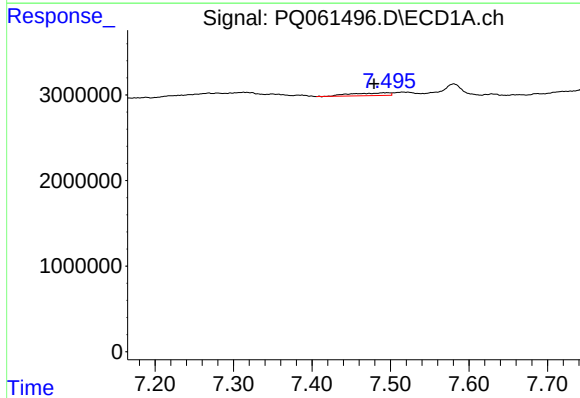
R.T.: 7.581 min
Delta R.T.: 0.024 min
Response: 1794957
Conc: 6.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



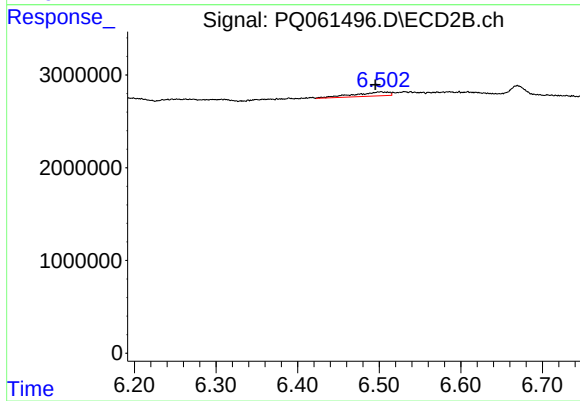
#39 AR-1262-4

R.T.: 6.531 min
Delta R.T.: -0.026 min
Response: 510508
Conc: 1.54 ng/ml



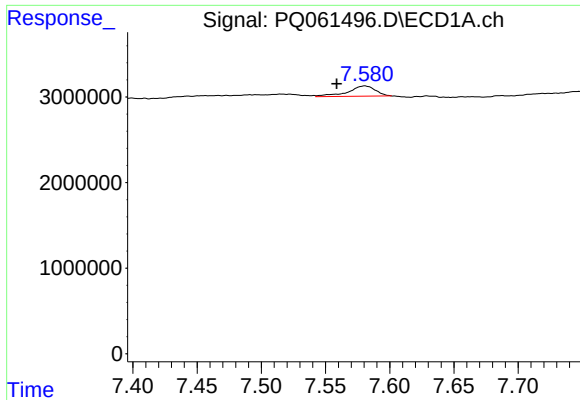
#41 AR-1268-1

R.T.: 7.491 min
Delta R.T.: 0.012 min
Response: 1067410
Conc: 1.94 ng/ml



#41 AR-1268-1

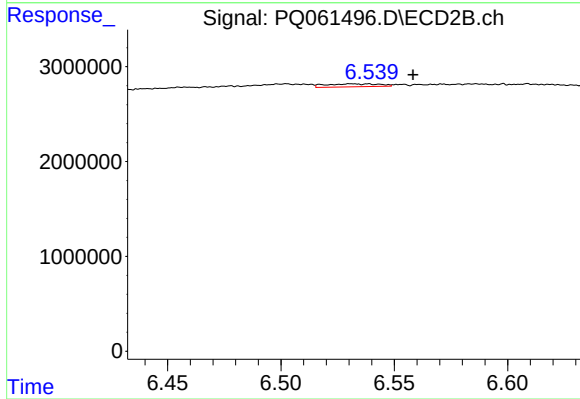
R.T.: 6.502 min
Delta R.T.: 0.007 min
Response: 1268177
Conc: 2.58 ng/ml



#42 AR-1268-2

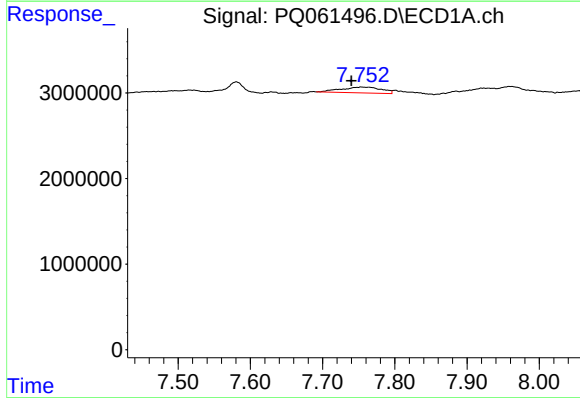
R.T.: 7.581 min
Delta R.T.: 0.022 min
Response: 1794957
Conc: 3.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



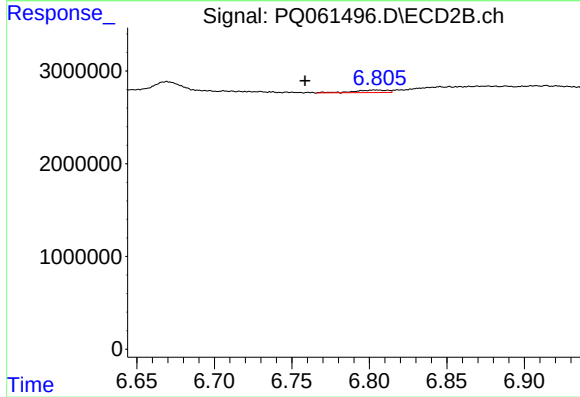
#42 AR-1268-2

R.T.: 6.531 min
Delta R.T.: -0.027 min
Response: 510508
Conc: 1.15 ng/ml



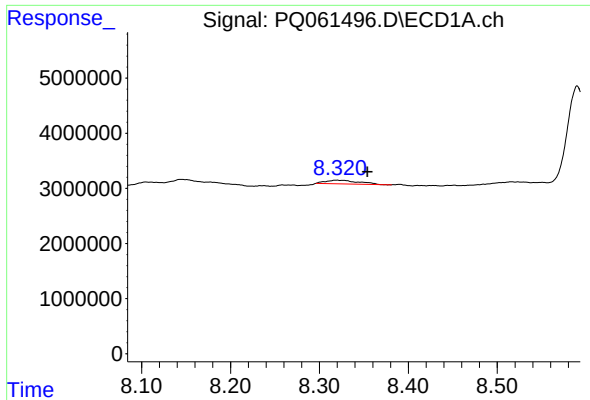
#43 AR-1268-3

R.T.: 7.754 min
Delta R.T.: 0.014 min
Response: 2677995
Conc: 6.49 ng/ml



#43 AR-1268-3

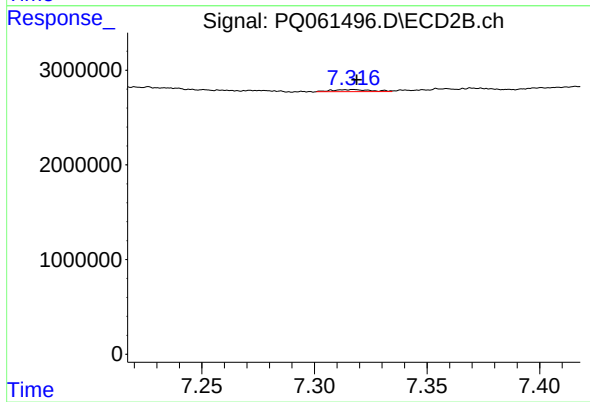
R.T.: 6.804 min
Delta R.T.: 0.045 min
Response: 406684
Conc: 1.04 ng/ml



#45 AR-1268-5

R.T.: 8.319 min
Delta R.T.: -0.035 min
Response: 1694063
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: -0.001 min
Response: 260096
Conc: 0.21 ng/ml