

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042123\
 Data File : PQ061024.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 08:56
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 17:28:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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	152.5E6	71096056	19.421	18.088
2)	SA Decachlor...	8.586	7.536	111.2E6	79900561	19.702	16.953
Target Compounds							
3)	L1 AR-1016-1	4.525	3.769	546796	74480	1.965	0.520 #
4)	L1 AR-1016-2	4.525	3.785	546796	228326	1.316	1.085
5)	L1 AR-1016-3	4.582	3.941	960818	1041601	3.683	9.393 #
6)	L1 AR-1016-4	4.683	3.999	189483	3983219	0.876	42.286 #
7)	L1 AR-1016-5	4.951	4.181	5467489	34291177	24.567	290.904 #
8)	L2 AR-1221-1	3.617	2.964	557766	60337	5.593	1.239 #
9)	L2 AR-1221-2	3.683	3.055	3431916	68858	45.579	1.854 #
10)	L2 AR-1221-3	3.753	3.108	868640	261255	3.905	2.300 #
11)	L3 AR-1232-1	3.753	3.108	868640	261255	5.082	3.018 #
12)	L3 AR-1232-2	4.236	3.785	92867	228326	0.937	2.403 #
13)	L3 AR-1232-3	4.525	3.941	546796	1041601	2.915	20.875 #
14)	L3 AR-1232-4	4.683	4.028	189483	4683690	1.919	109.986 #
15)	L3 AR-1232-5	4.771	4.181	353117	34291177	5.199	666.802 #
16)	L4 AR-1242-1	4.525	3.769	546796	74480	2.582	0.669 #
17)	L4 AR-1242-2	4.525	3.785	546796	228326	1.736	1.411
18)	L4 AR-1242-3	4.582	3.941	960818	1041601	4.767	12.315 #
19)	L4 AR-1242-4	4.683	4.028	189483	4683690	1.108	56.565 #
20)	L4 AR-1242-5	5.422f	4.543	15650714	41032368	92.429	359.725 #
21)	L5 AR-1248-1	4.525	3.769	546796	74480	3.239	0.844 #
22)	L5 AR-1248-2	4.771	3.999	353117	3983219	1.543	30.554 #
23)	L5 AR-1248-3	4.951	4.028	5467489	4683690	19.512	37.307 #
24)	L5 AR-1248-4	5.329f	4.181	138.9E6	34291177	446.262	220.107 #
25)	L5 AR-1248-5	5.422f	4.543	15650714	41032368	52.201	267.496 #
26)	L6 AR-1254-1	5.329	4.543	138.9E6	41032368	436.474	176.784 #
27)	L6 AR-1254-2	5.529	4.680	2593956	6486863	5.266	30.903 #
28)	L6 AR-1254-3	5.916	5.037	1565369	14054011	3.096	42.572 #
29)	L6 AR-1254-4	6.192	5.270	19344828	303790	51.661	1.451 #
30)	L6 AR-1254-5	6.620	5.685	1530241	930044	3.619	2.844
31)	L7 AR-1260-1	0.000	5.180	0	3981959	N.D.	17.189 #
32)	L7 AR-1260-2	6.332	5.365	42196118	753189	92.130	2.628 #
33)	L7 AR-1260-3	6.680	5.495	1353849	2476686	4.676	9.086 #
34)	L7 AR-1260-4	0.000	5.982	0	3443309	N.D.	17.028 #
35)	L7 AR-1260-5	7.206	6.269f	293792	1280872	0.450	2.768 #
36)	L8 AR-1262-1	6.680	5.718	1353849	411673	2.845	1.296 #
37)	L8 AR-1262-2	7.206	6.269f	293792	1280872	0.376	2.197 #
38)	L8 AR-1262-3	7.454f	0.000	620307	0	1.179	N.D. #
40)	L8 AR-1262-5	0.000	7.078	0	375796	N.D.	1.777 #
41)	L9 AR-1268-1	7.454	0.000	620307	0	0.713	N.D. #
43)	L9 AR-1268-3	7.753	0.000	131158	0	0.198	N.D. #

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 17:28:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 27 17:20:15 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
44)	L9 AR-1268-4	8.009f	7.078	205119	375796	0.696	1.612 #
45)	L9 AR-1268-5	8.354	7.321	755408	3177804	0.400	1.818 #

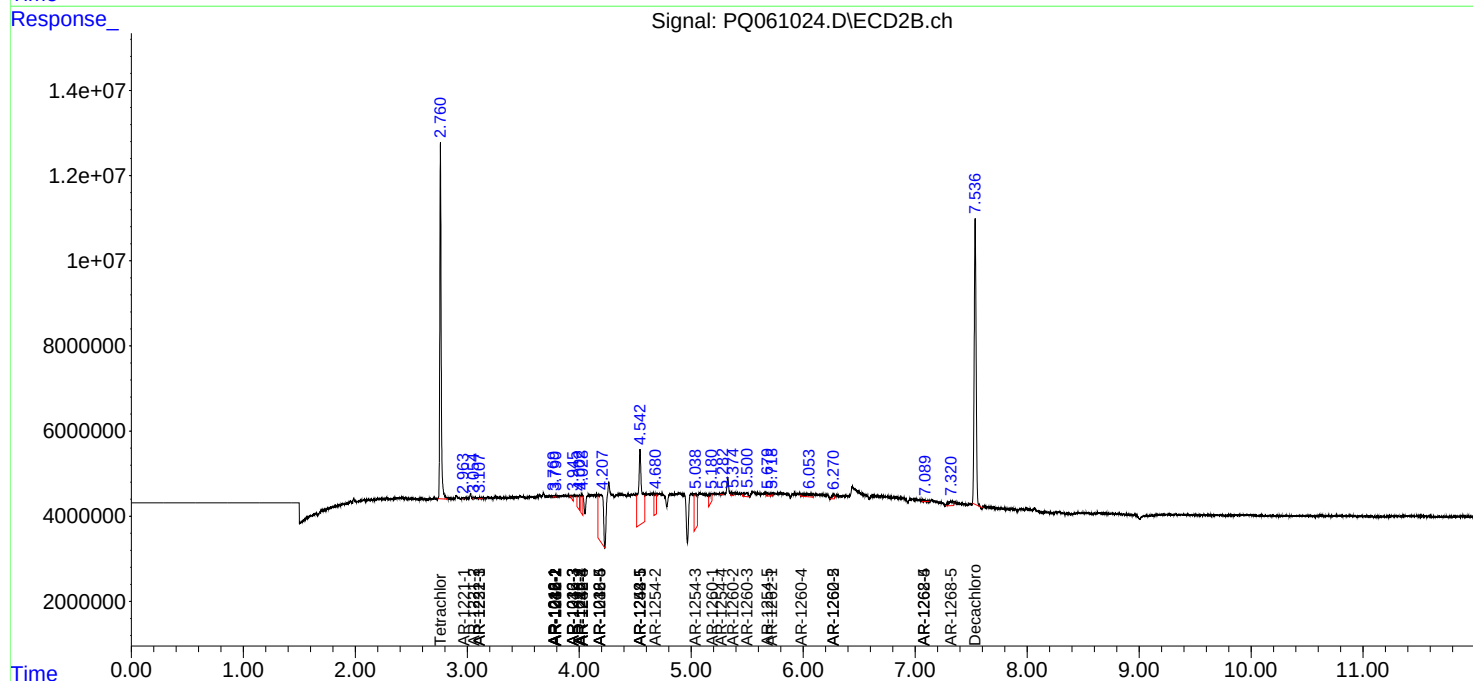
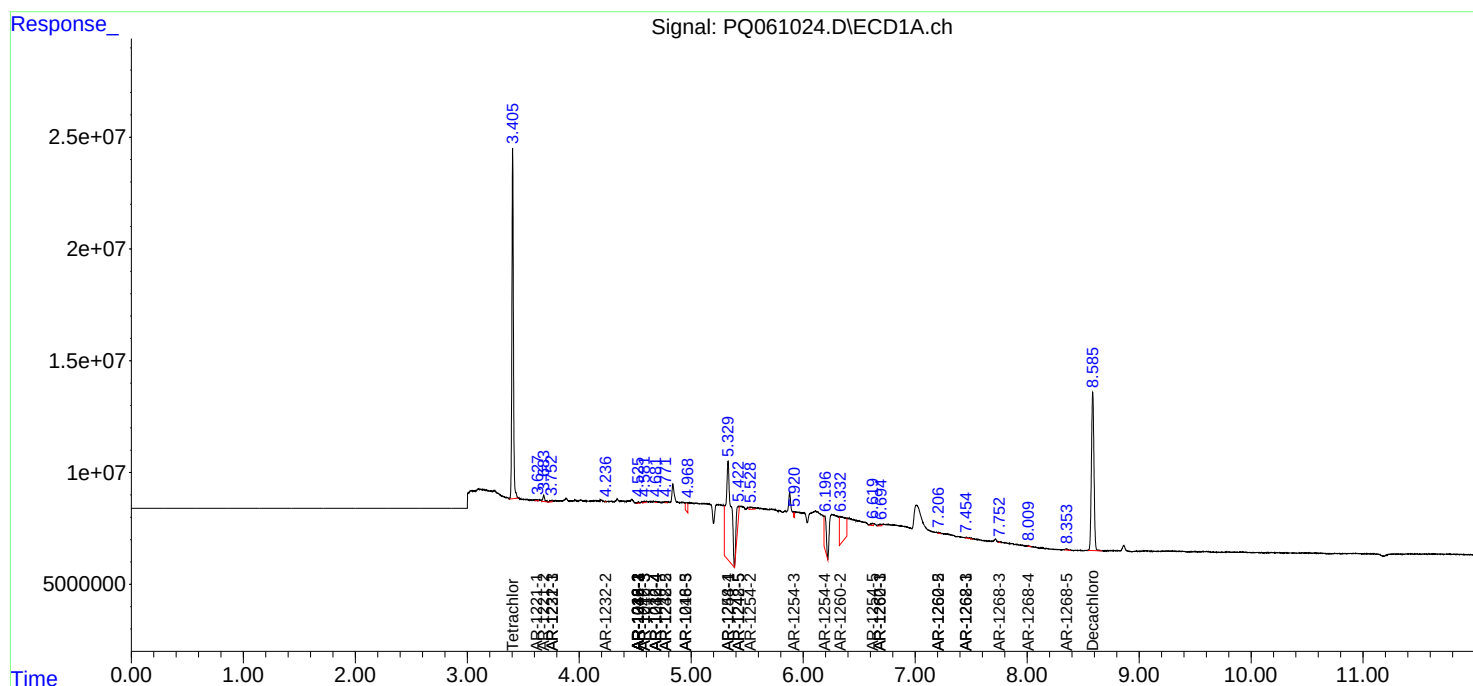
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

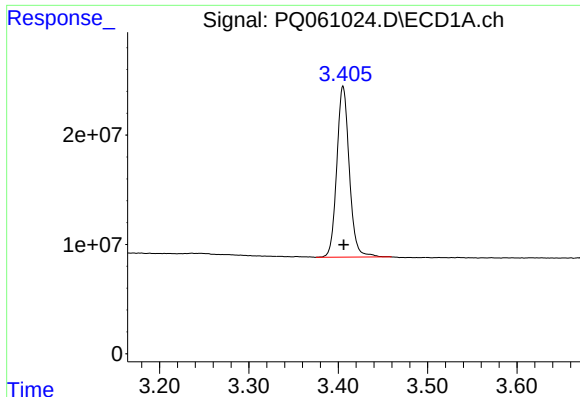
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

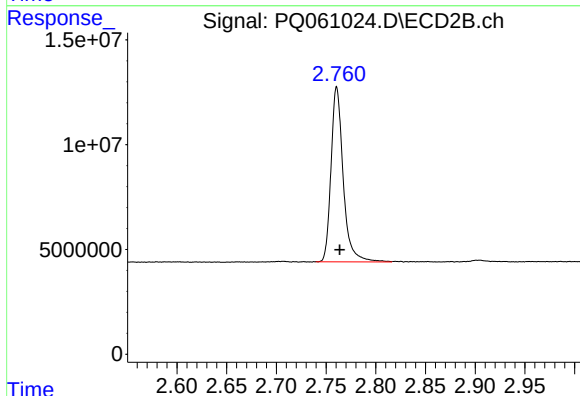




#1 Tetrachloro-m-xylene

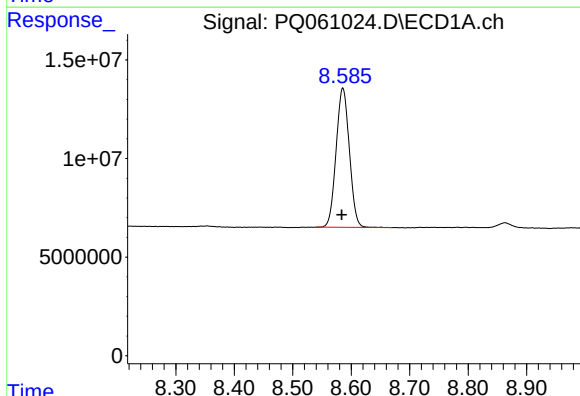
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 152458295
Conc: 19.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



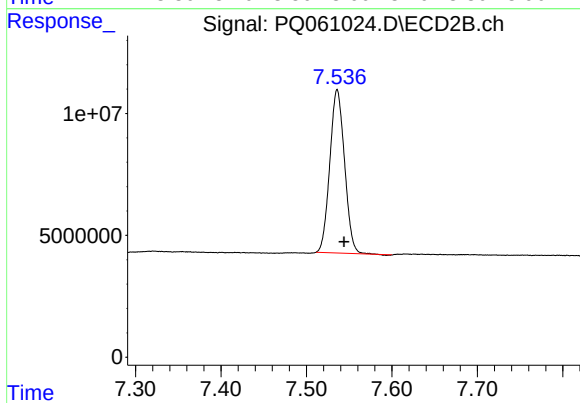
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: -0.003 min
Response: 71096056
Conc: 18.09 ng/ml



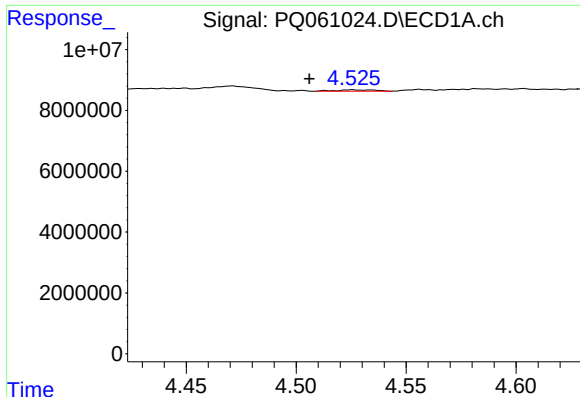
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 111178915
Conc: 19.70 ng/ml



#2 Decachlorobiphenyl

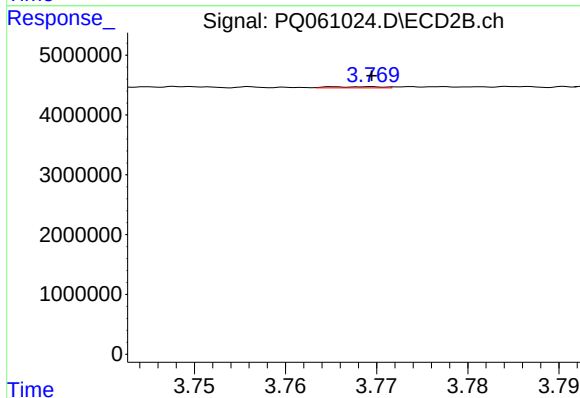
R.T.: 7.536 min
Delta R.T.: -0.008 min
Response: 79900561
Conc: 16.95 ng/ml



#3 AR-1016-1

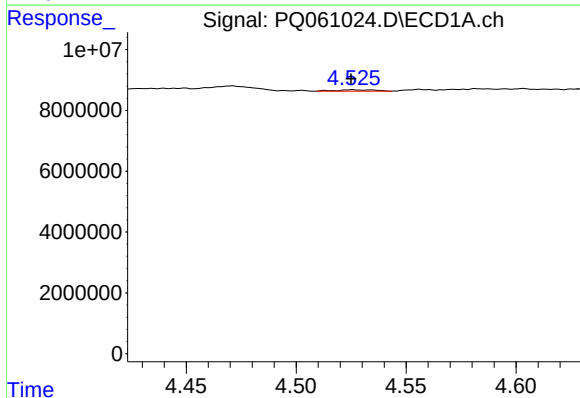
R.T.: 4.525 min
Delta R.T.: 0.019 min
Response: 546796
Conc: 1.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



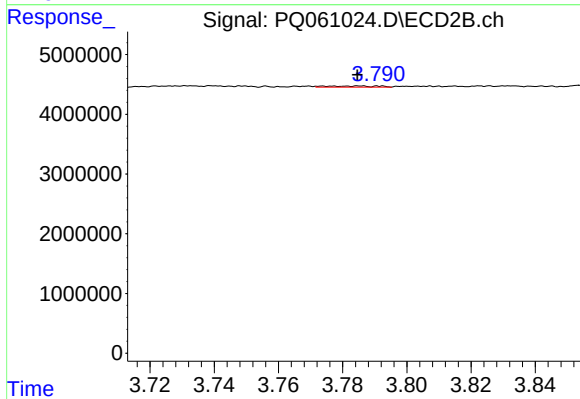
#3 AR-1016-1

R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 74480
Conc: 0.52 ng/ml



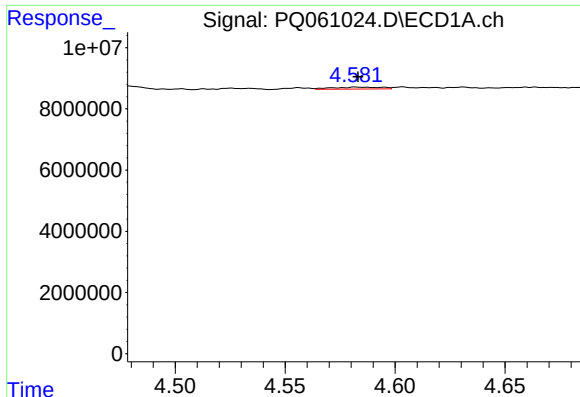
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 546796
Conc: 1.32 ng/ml



#4 AR-1016-2

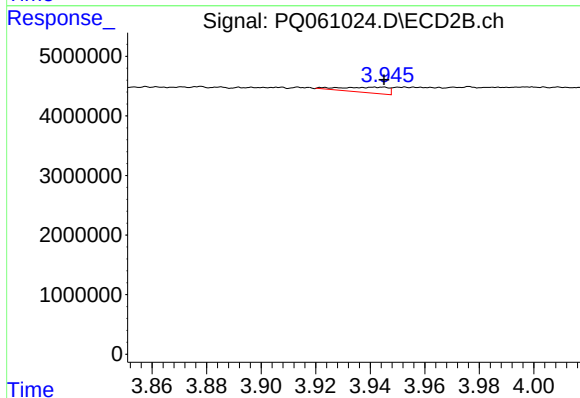
R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 228326
Conc: 1.08 ng/ml



#5 AR-1016-3

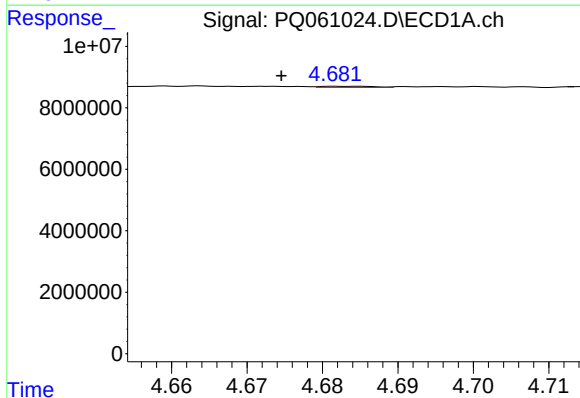
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 960818
Conc: 3.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



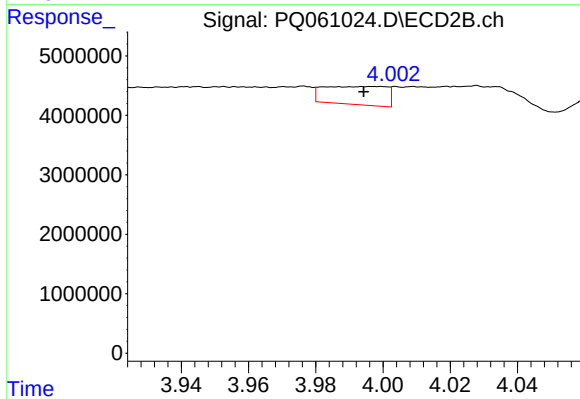
#5 AR-1016-3

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 1041601
Conc: 9.39 ng/ml



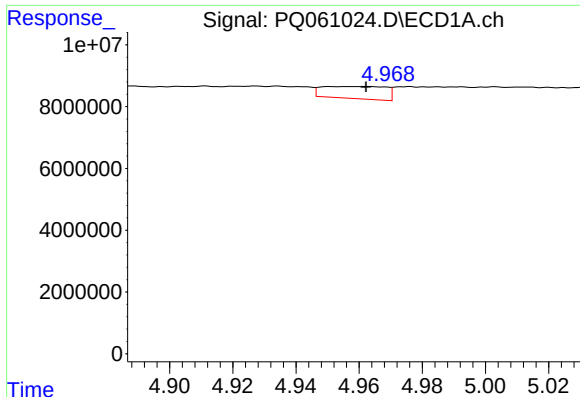
#6 AR-1016-4

R.T.: 4.683 min
Delta R.T.: 0.009 min
Response: 189483
Conc: 0.88 ng/ml



#6 AR-1016-4

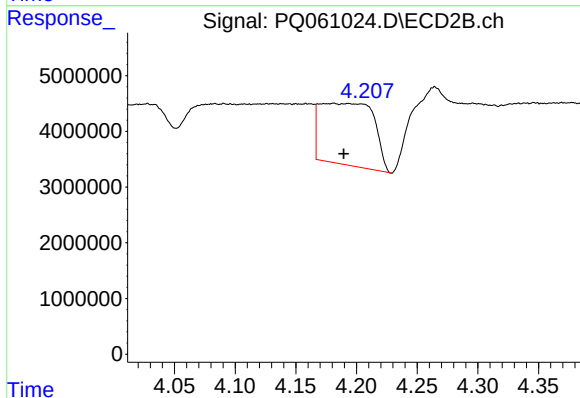
R.T.: 3.999 min
Delta R.T.: 0.005 min
Response: 3983219
Conc: 42.29 ng/ml



#7 AR-1016-5

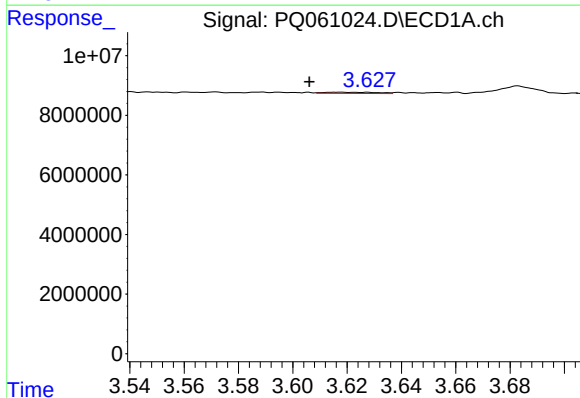
R.T.: 4.951 min
Delta R.T.: -0.011 min
Response: 5467489
Conc: 24.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



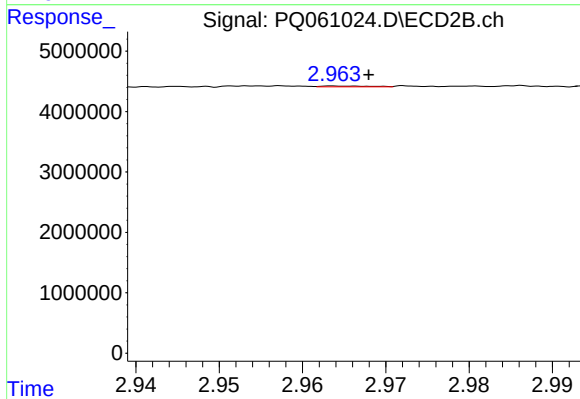
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.008 min
Response: 34291177
Conc: 290.90 ng/ml



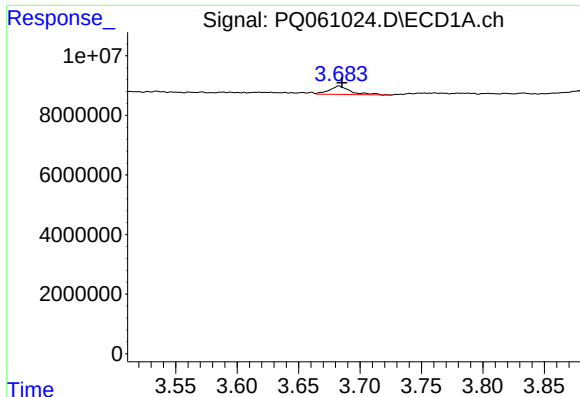
#8 AR-1221-1

R.T.: 3.617 min
Delta R.T.: 0.011 min
Response: 557766
Conc: 5.59 ng/ml



#8 AR-1221-1

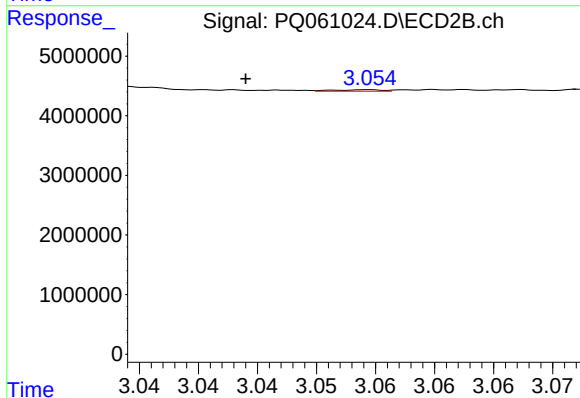
R.T.: 2.964 min
Delta R.T.: -0.004 min
Response: 60337
Conc: 1.24 ng/ml



#9 AR-1221-2

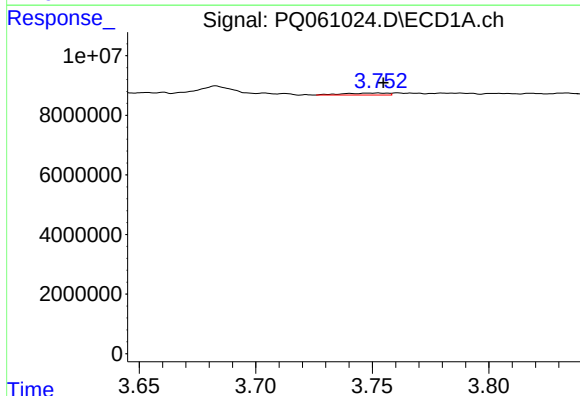
R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 3431916
Conc: 45.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



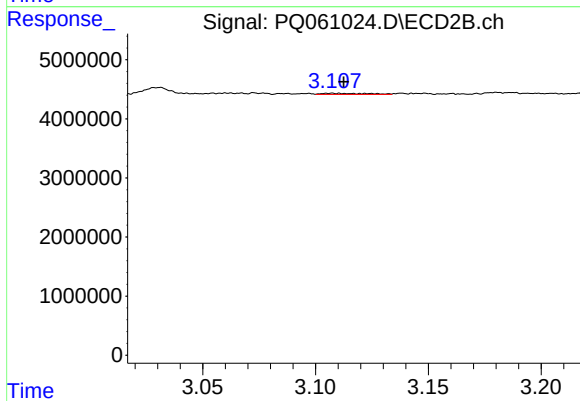
#9 AR-1221-2

R.T.: 3.055 min
Delta R.T.: 0.010 min
Response: 68858
Conc: 1.85 ng/ml



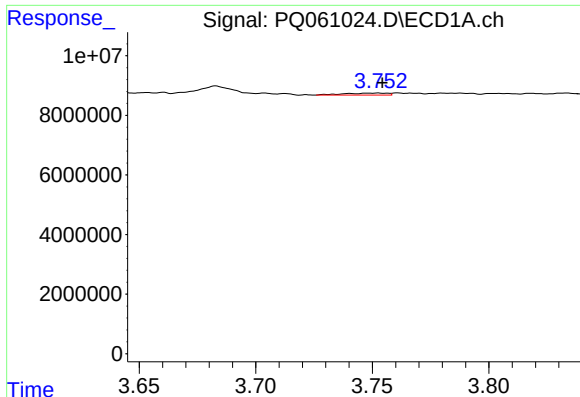
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: -0.002 min
Response: 868640
Conc: 3.90 ng/ml



#10 AR-1221-3

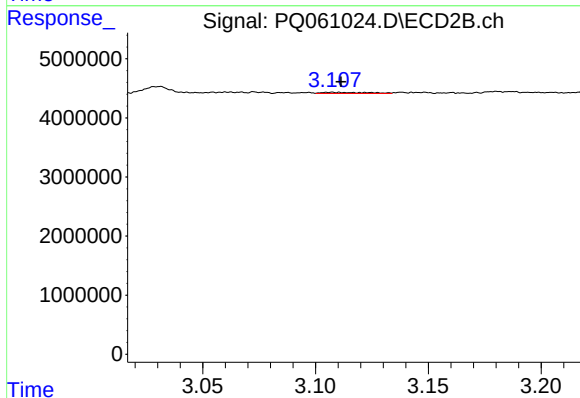
R.T.: 3.108 min
Delta R.T.: -0.005 min
Response: 261255
Conc: 2.30 ng/ml



#11 AR-1232-1

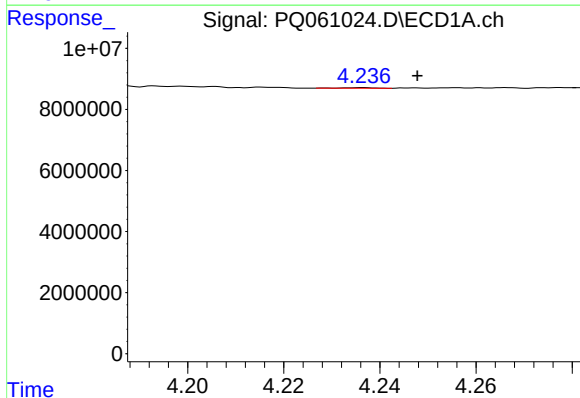
R.T.: 3.753 min
Delta R.T.: -0.002 min
Response: 868640
Conc: 5.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



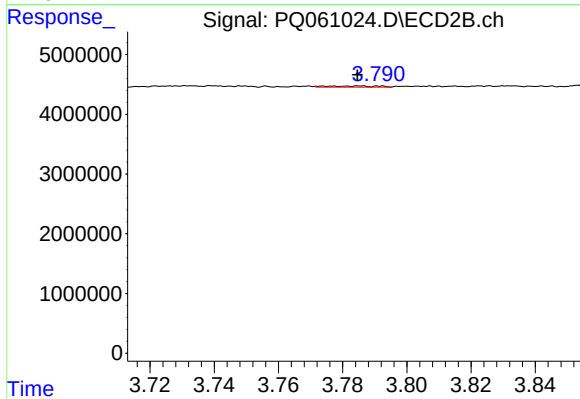
#11 AR-1232-1

R.T.: 3.108 min
Delta R.T.: -0.004 min
Response: 261255
Conc: 3.02 ng/ml



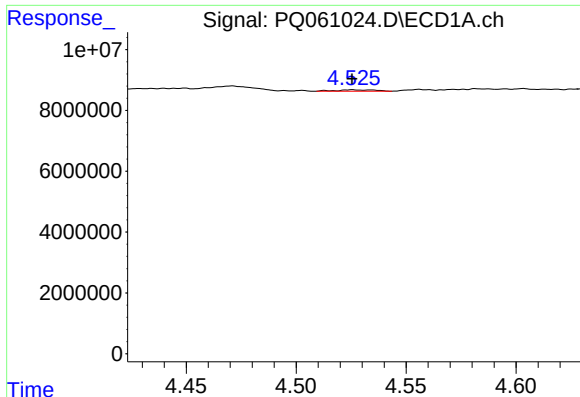
#12 AR-1232-2

R.T.: 4.236 min
Delta R.T.: -0.012 min
Response: 92867
Conc: 0.94 ng/ml



#12 AR-1232-2

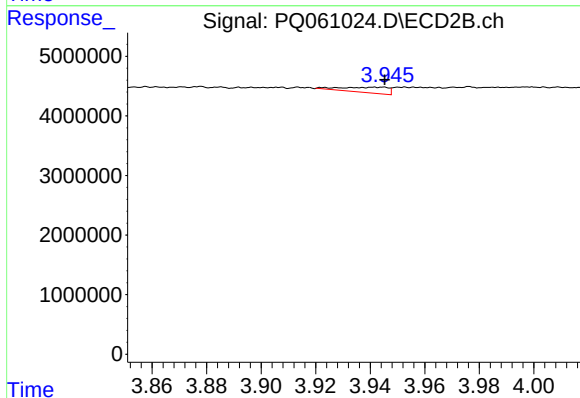
R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 228326
Conc: 2.40 ng/ml



#13 AR-1232-3

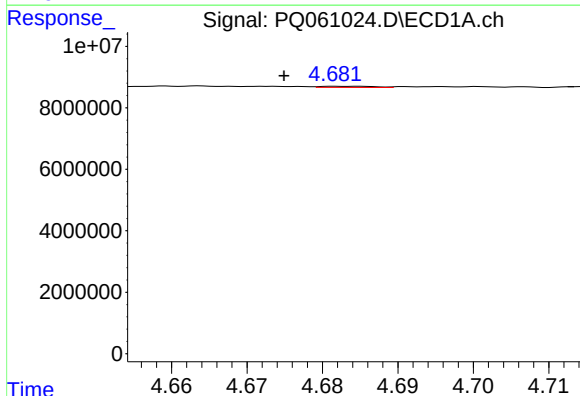
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 546796
Conc: 2.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



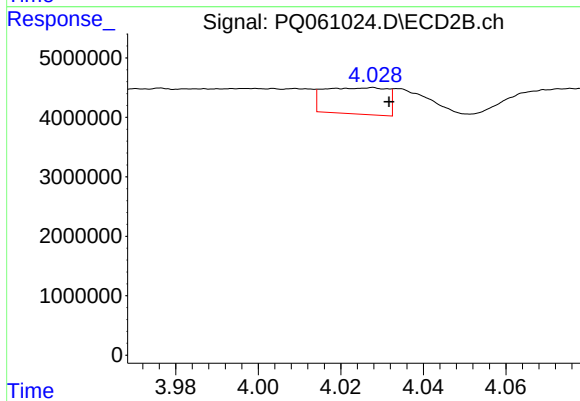
#13 AR-1232-3

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 1041601
Conc: 20.87 ng/ml



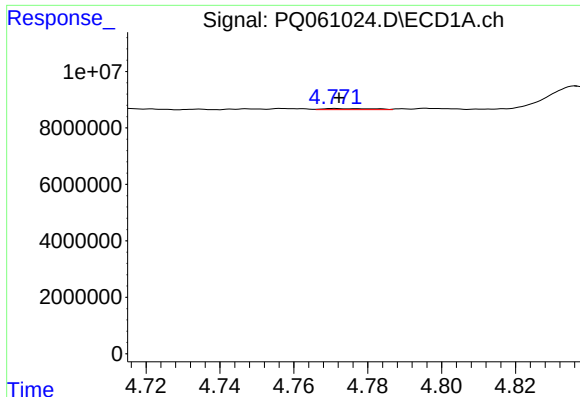
#14 AR-1232-4

R.T.: 4.683 min
Delta R.T.: 0.008 min
Response: 189483
Conc: 1.92 ng/ml



#14 AR-1232-4

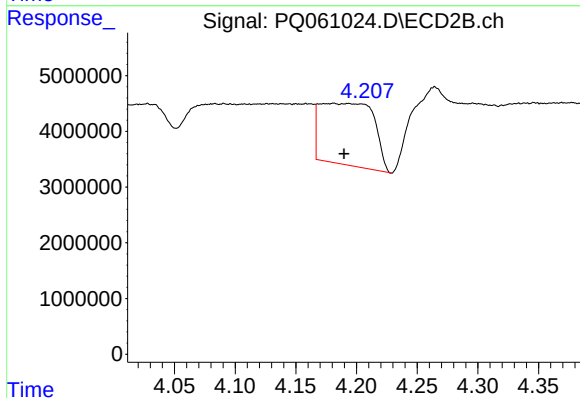
R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 4683690
Conc: 109.99 ng/ml



#15 AR-1232-5

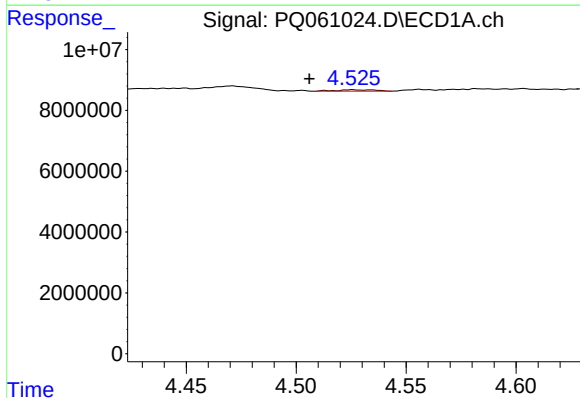
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 353117
Conc: 5.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



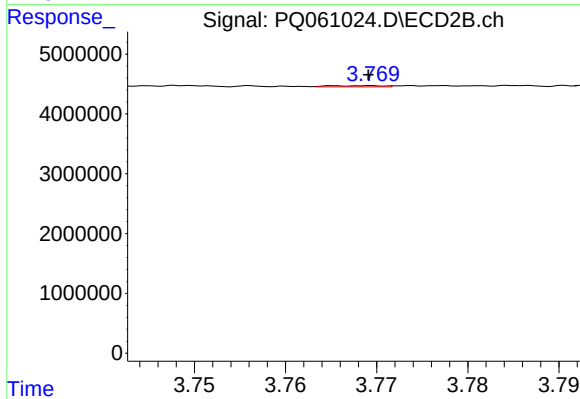
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.008 min
Response: 34291177
Conc: 666.80 ng/ml



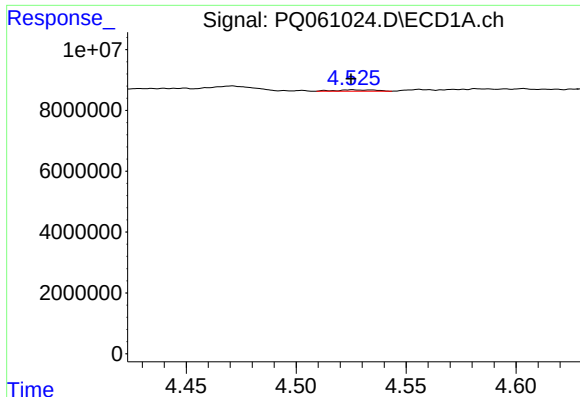
#16 AR-1242-1

R.T.: 4.525 min
Delta R.T.: 0.019 min
Response: 546796
Conc: 2.58 ng/ml



#16 AR-1242-1

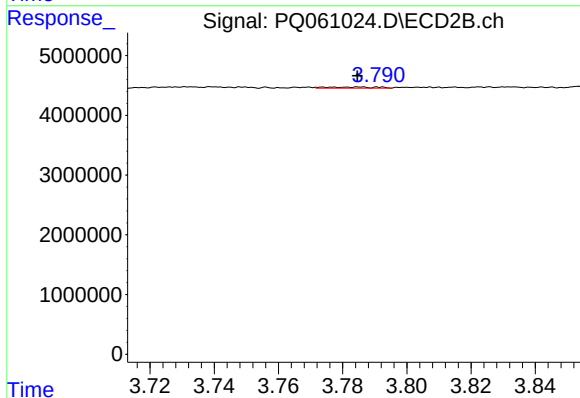
R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 74480
Conc: 0.67 ng/ml



#17 AR-1242-2

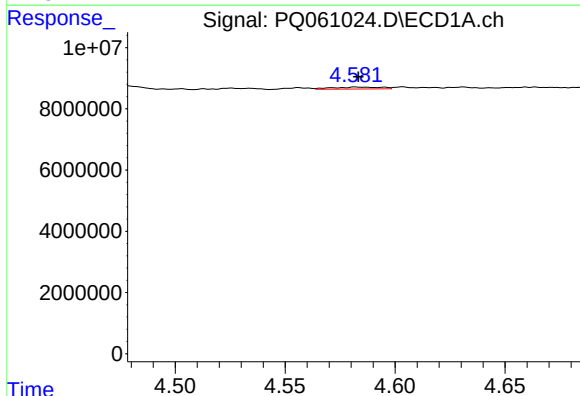
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 546796
Conc: 1.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



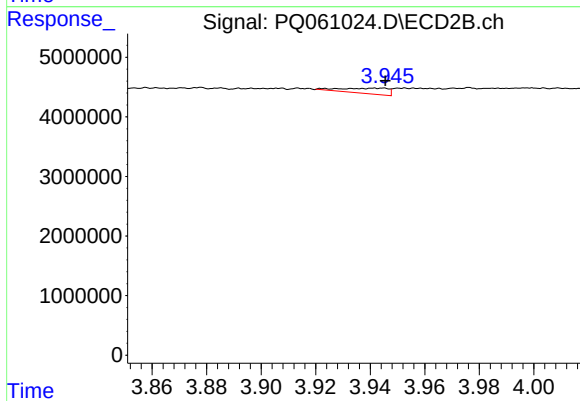
#17 AR-1242-2

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 228326
Conc: 1.41 ng/ml



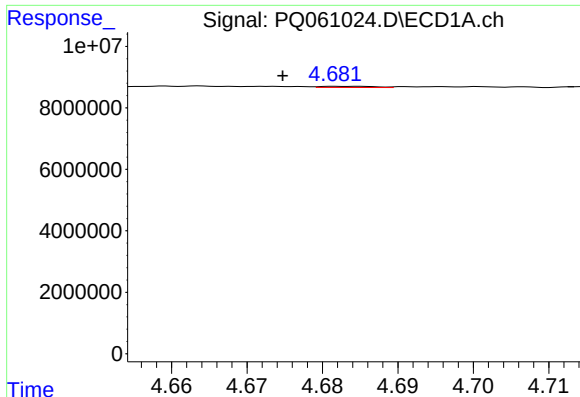
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 960818
Conc: 4.77 ng/ml



#18 AR-1242-3

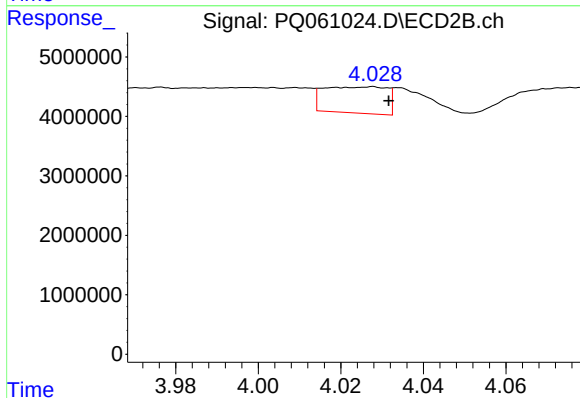
R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 1041601
Conc: 12.32 ng/ml



#19 AR-1242-4

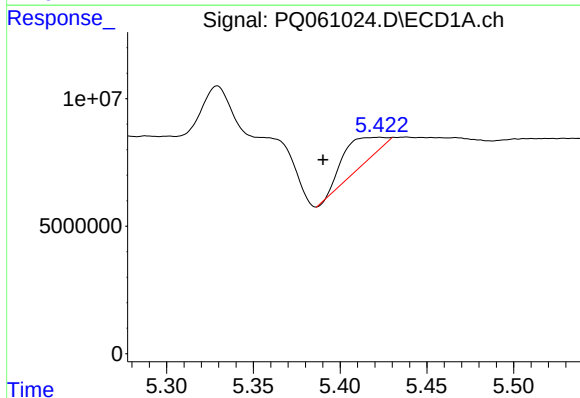
R.T.: 4.683 min
Delta R.T.: 0.009 min
Response: 189483
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



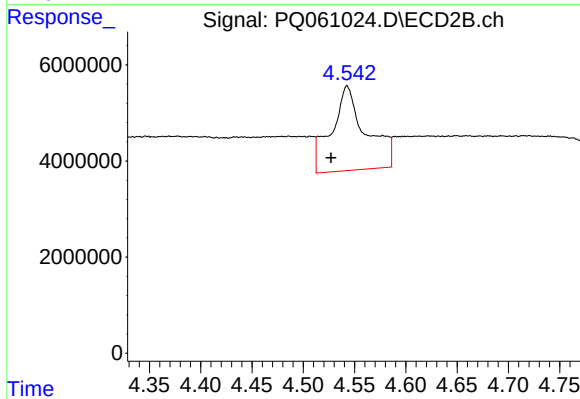
#19 AR-1242-4

R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 4683690
Conc: 56.56 ng/ml



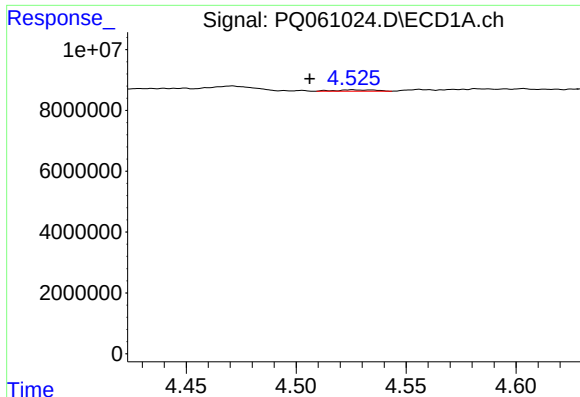
#20 AR-1242-5

R.T.: 5.422 min
Delta R.T.: 0.032 min
Response: 15650714
Conc: 92.43 ng/ml



#20 AR-1242-5

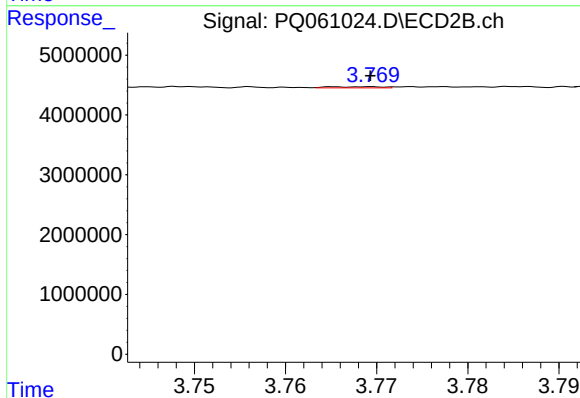
R.T.: 4.543 min
Delta R.T.: 0.016 min
Response: 41032368
Conc: 359.72 ng/ml



#21 AR-1248-1

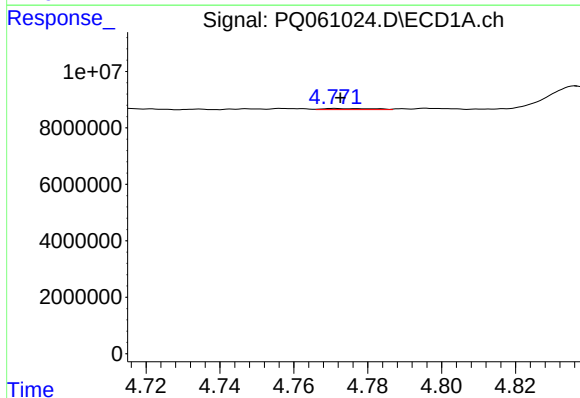
R.T.: 4.525 min
Delta R.T.: 0.019 min
Response: 546796
Conc: 3.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



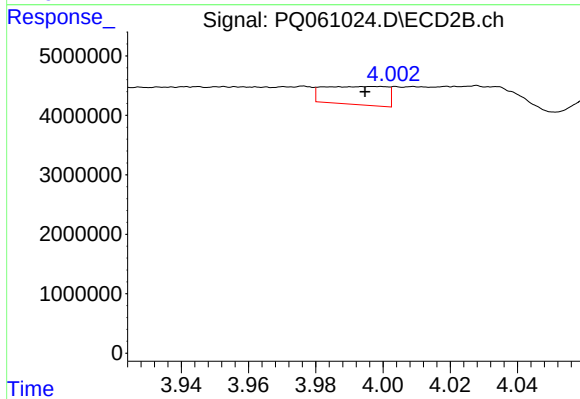
#21 AR-1248-1

R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 74480
Conc: 0.84 ng/ml



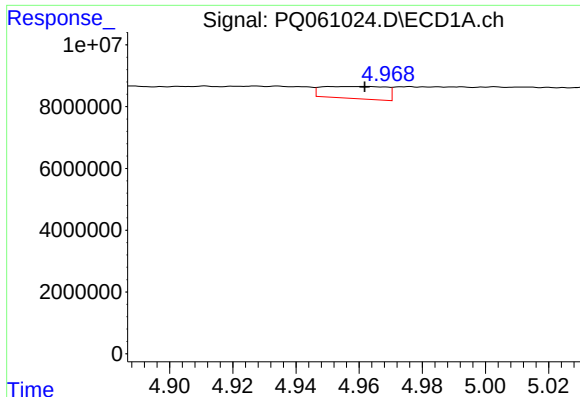
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 353117
Conc: 1.54 ng/ml



#22 AR-1248-2

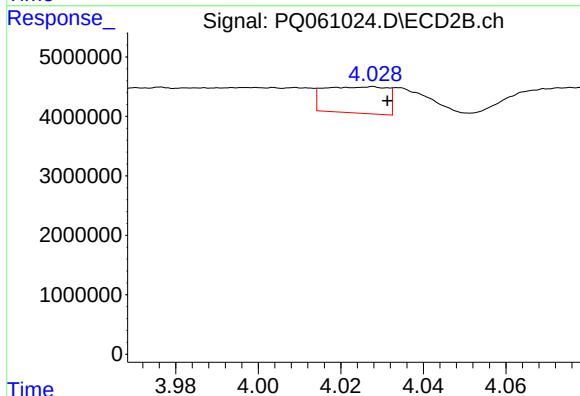
R.T.: 3.999 min
Delta R.T.: 0.004 min
Response: 3983219
Conc: 30.55 ng/ml



#23 AR-1248-3

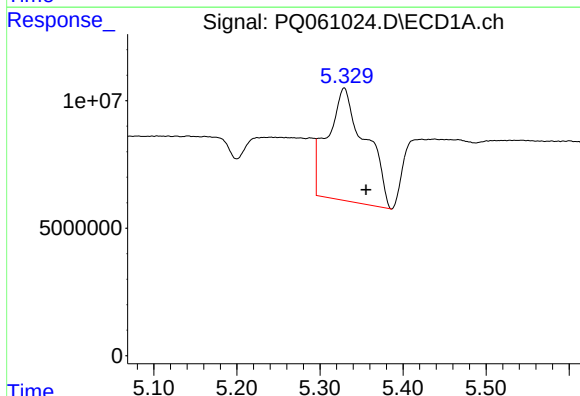
R.T.: 4.951 min
Delta R.T.: -0.011 min
Response: 5467489
Conc: 19.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



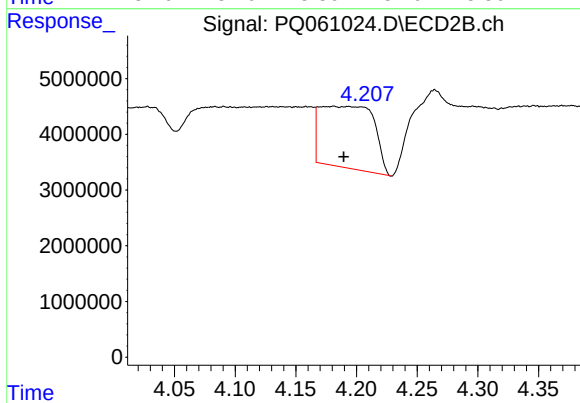
#23 AR-1248-3

R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 4683690
Conc: 37.31 ng/ml



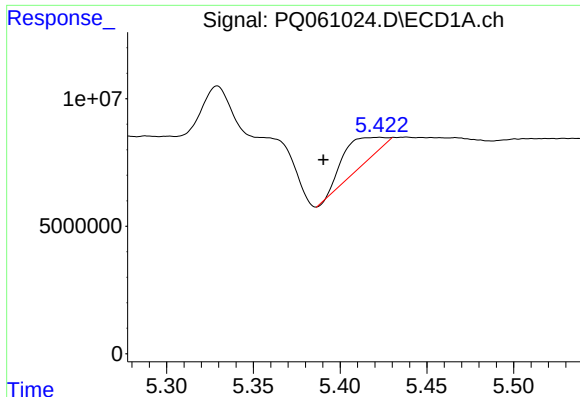
#24 AR-1248-4

R.T.: 5.329 min
Delta R.T.: -0.026 min
Response: 138927888
Conc: 446.26 ng/ml



#24 AR-1248-4

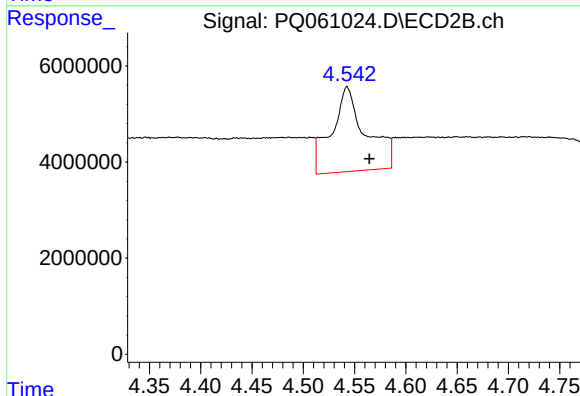
R.T.: 4.181 min
Delta R.T.: -0.008 min
Response: 34291177
Conc: 220.11 ng/ml



#25 AR-1248-5

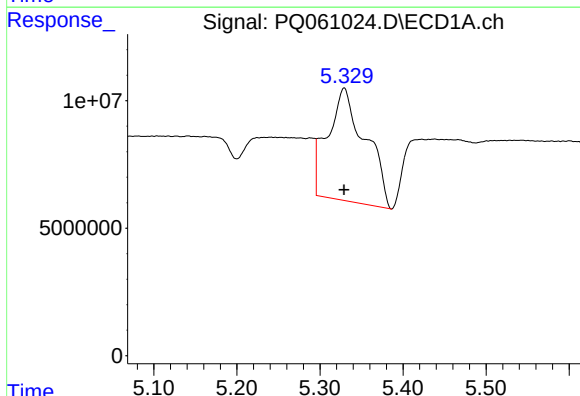
R.T.: 5.422 min
Delta R.T.: 0.032 min
Response: 15650714
Conc: 52.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



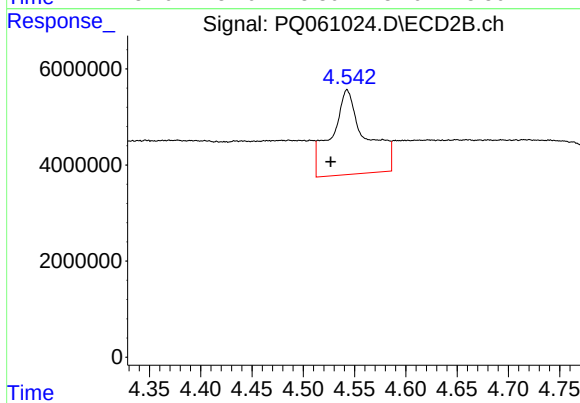
#25 AR-1248-5

R.T.: 4.543 min
Delta R.T.: -0.022 min
Response: 41032368
Conc: 267.50 ng/ml



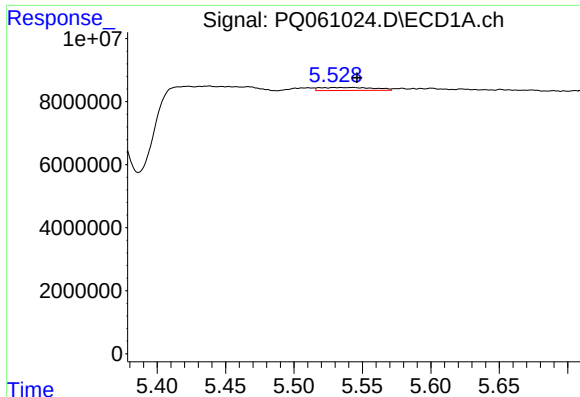
#26 AR-1254-1

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 138927888
Conc: 436.47 ng/ml



#26 AR-1254-1

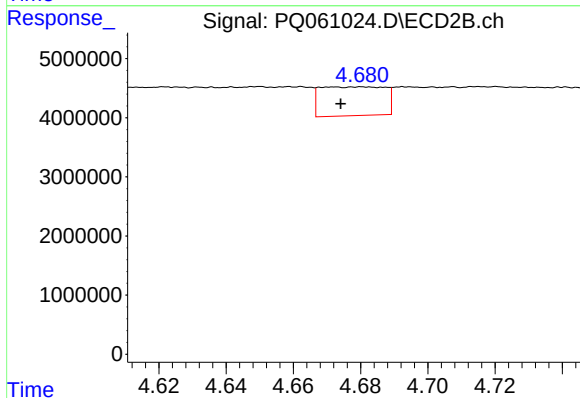
R.T.: 4.543 min
Delta R.T.: 0.016 min
Response: 41032368
Conc: 176.78 ng/ml



#27 AR-1254-2

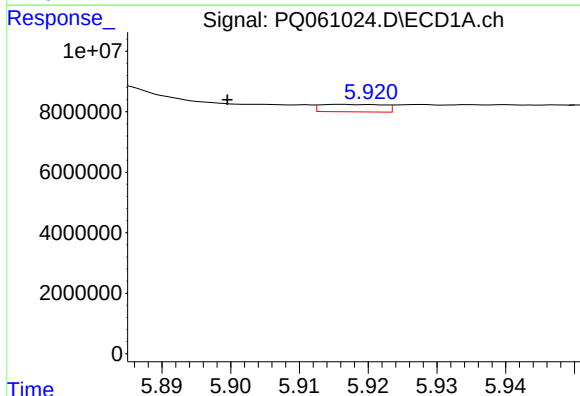
R.T.: 5.529 min
Delta R.T.: -0.017 min
Response: 2593956
Conc: 5.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



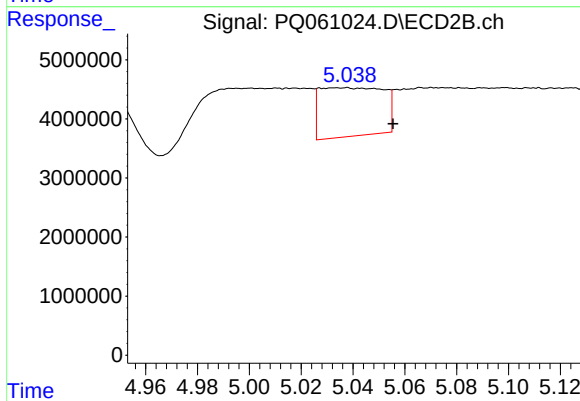
#27 AR-1254-2

R.T.: 4.680 min
Delta R.T.: 0.006 min
Response: 6486863
Conc: 30.90 ng/ml



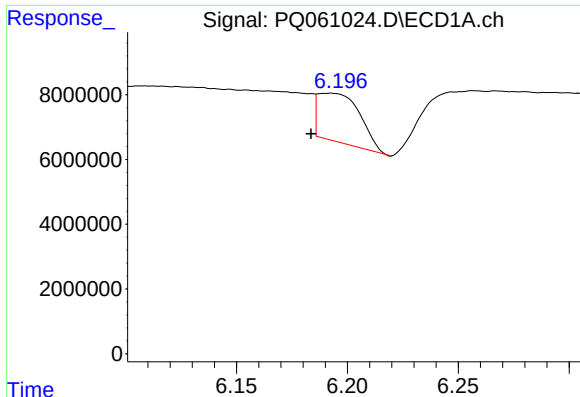
#28 AR-1254-3

R.T.: 5.916 min
Delta R.T.: 0.017 min
Response: 1565369
Conc: 3.10 ng/ml



#28 AR-1254-3

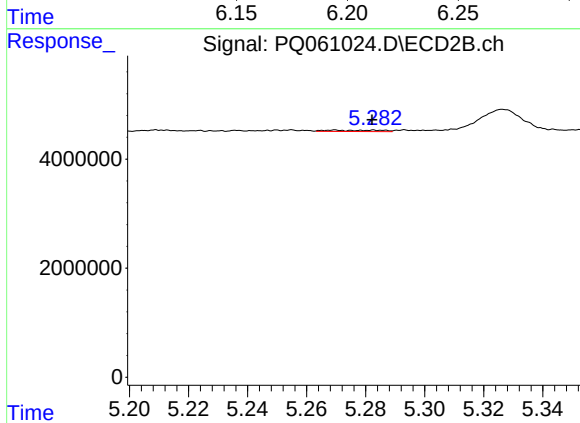
R.T.: 5.037 min
Delta R.T.: -0.018 min
Response: 14054011
Conc: 42.57 ng/ml



#29 AR-1254-4

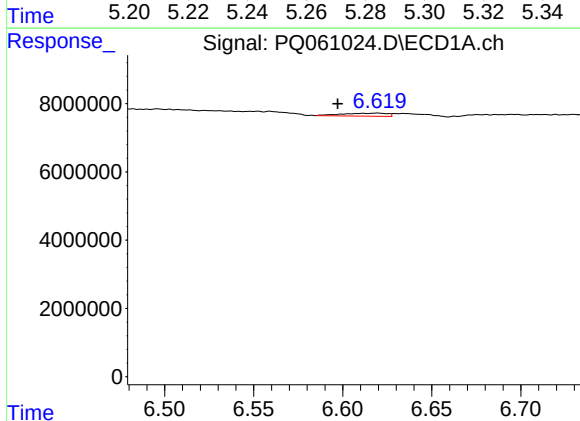
R.T.: 6.192 min
Delta R.T.: 0.009 min
Response: 19344828
Conc: 51.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



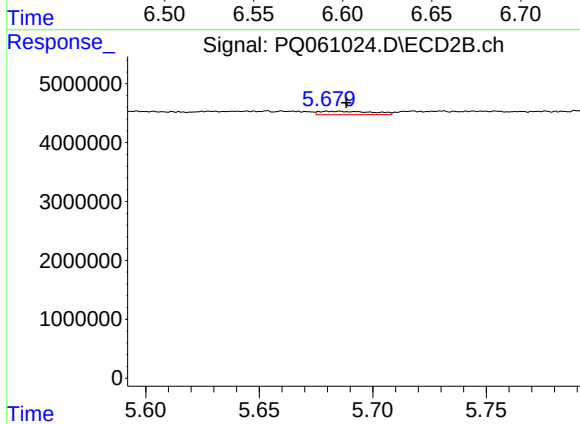
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: -0.012 min
Response: 303790
Conc: 1.45 ng/ml



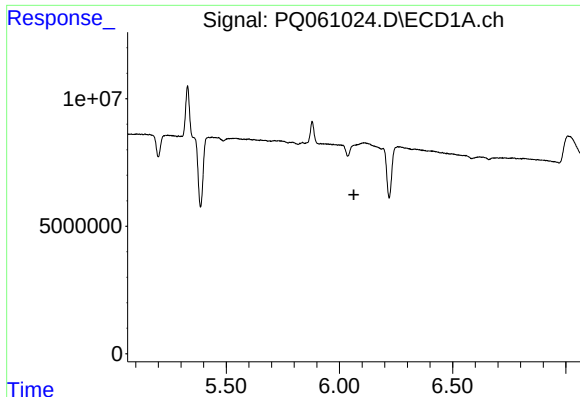
#30 AR-1254-5

R.T.: 6.620 min
Delta R.T.: 0.022 min
Response: 1530241
Conc: 3.62 ng/ml



#30 AR-1254-5

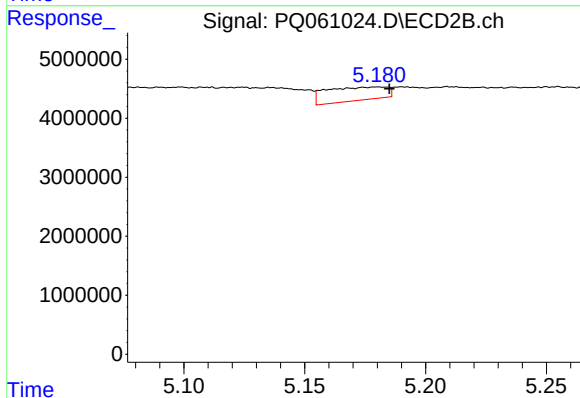
R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 930044
Conc: 2.84 ng/ml



#31 AR-1260-1

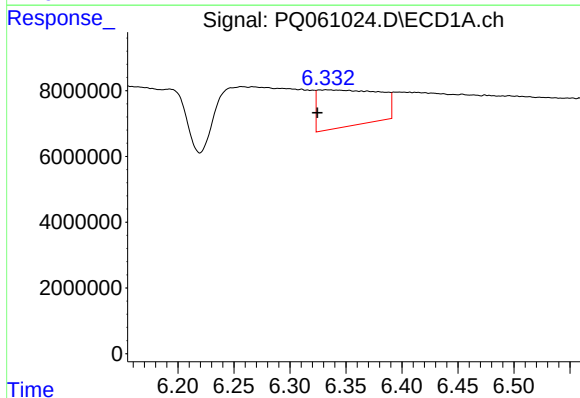
R.T.: 0.000 min
Exp R.T.: 6.064 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



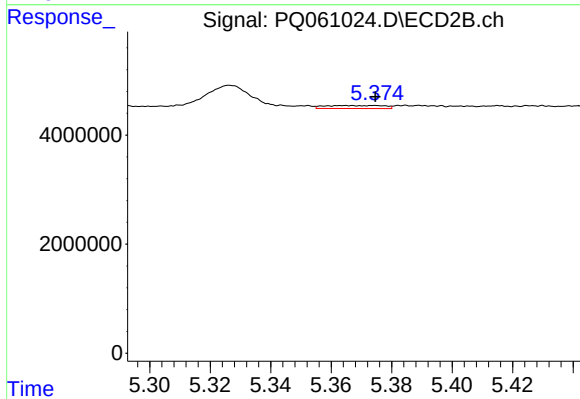
#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 3981959
Conc: 17.19 ng/ml



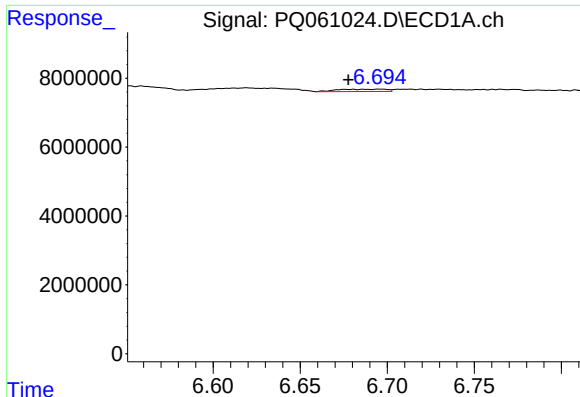
#32 AR-1260-2

R.T.: 6.332 min
Delta R.T.: 0.008 min
Response: 42196118
Conc: 92.13 ng/ml



#32 AR-1260-2

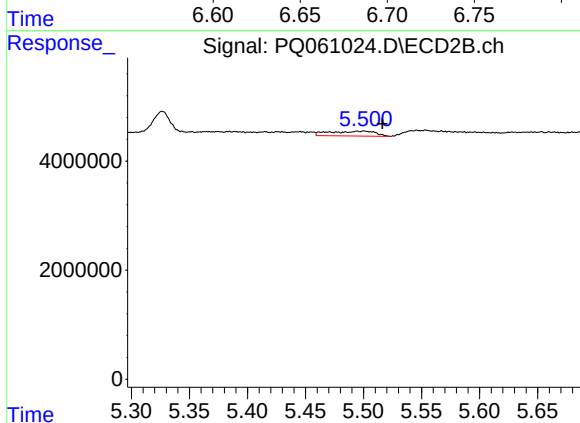
R.T.: 5.365 min
Delta R.T.: -0.010 min
Response: 753189
Conc: 2.63 ng/ml



#33 AR-1260-3

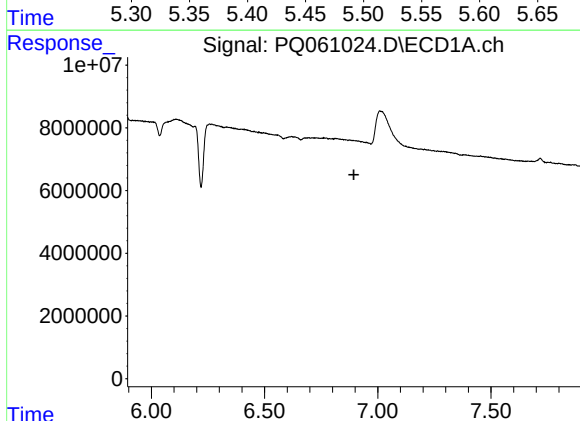
R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 1353849
Conc: 4.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



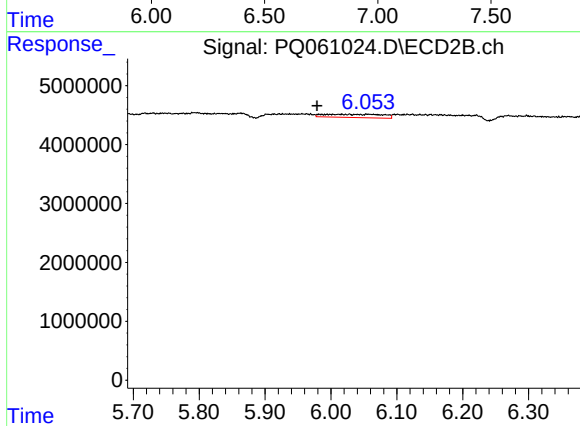
#33 AR-1260-3

R.T.: 5.495 min
Delta R.T.: -0.022 min
Response: 2476686
Conc: 9.09 ng/ml



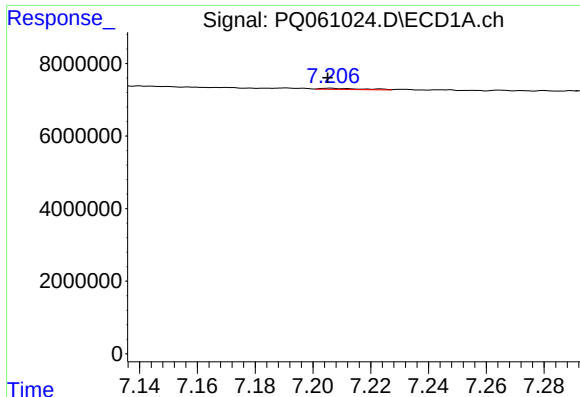
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.895 min
Response: 0
Conc: N.D.



#34 AR-1260-4

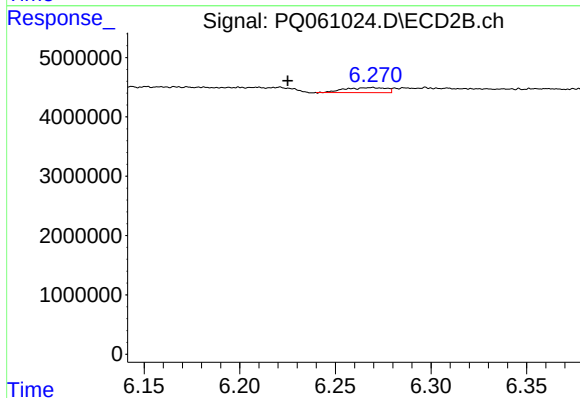
R.T.: 5.982 min
Delta R.T.: 0.003 min
Response: 3443309
Conc: 17.03 ng/ml



#35 AR-1260-5

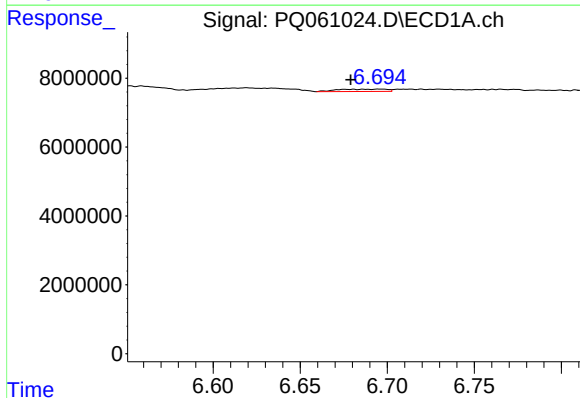
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 293792
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



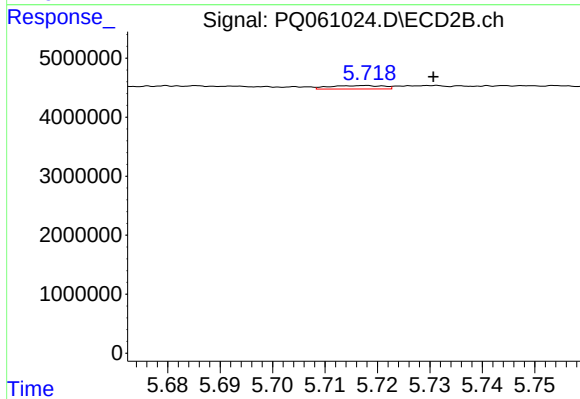
#35 AR-1260-5

R.T.: 6.269 min
Delta R.T.: 0.044 min
Response: 1280872
Conc: 2.77 ng/ml



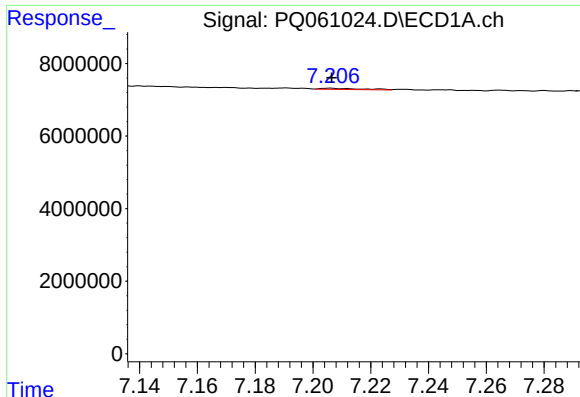
#36 AR-1262-1

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 1353849
Conc: 2.84 ng/ml



#36 AR-1262-1

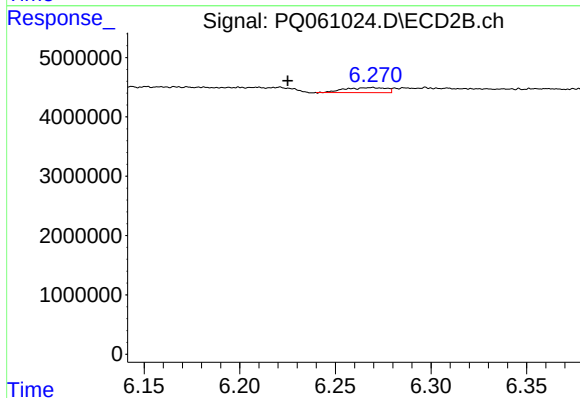
R.T.: 5.718 min
Delta R.T.: -0.013 min
Response: 411673
Conc: 1.30 ng/ml



#37 AR-1262-2

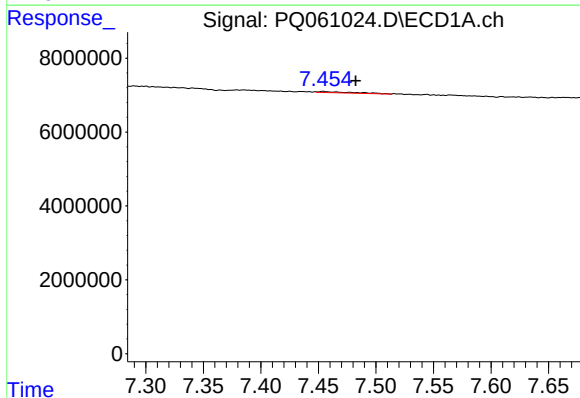
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 293792
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



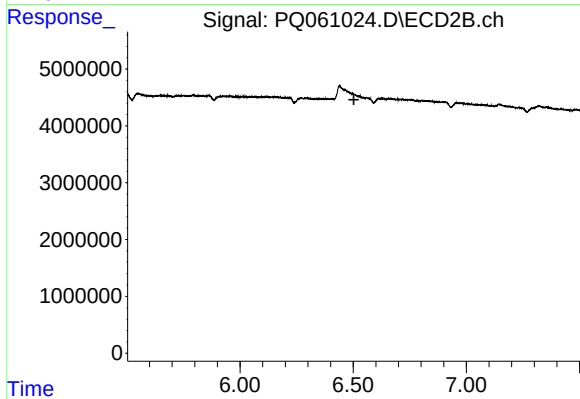
#37 AR-1262-2

R.T.: 6.269 min
Delta R.T.: 0.044 min
Response: 1280872
Conc: 2.20 ng/ml



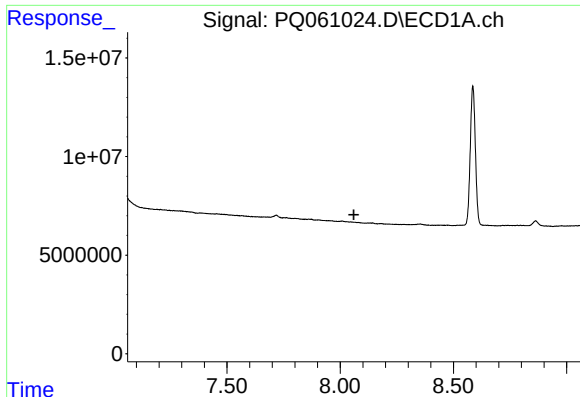
#38 AR-1262-3

R.T.: 7.454 min
Delta R.T.: -0.028 min
Response: 620307
Conc: 1.18 ng/ml



#38 AR-1262-3

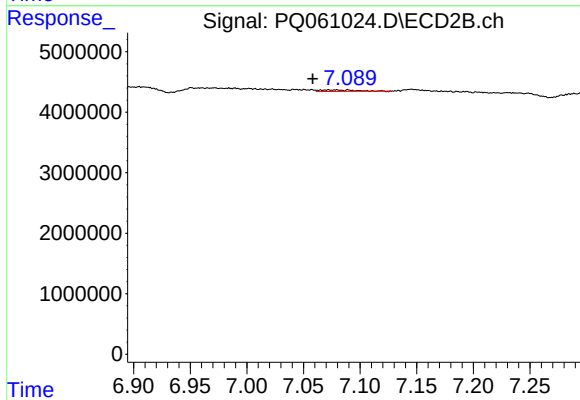
R.T.: 0.000 min
Exp R.T.: 6.503 min
Response: 0
Conc: N.D.



#40 AR-1262-5

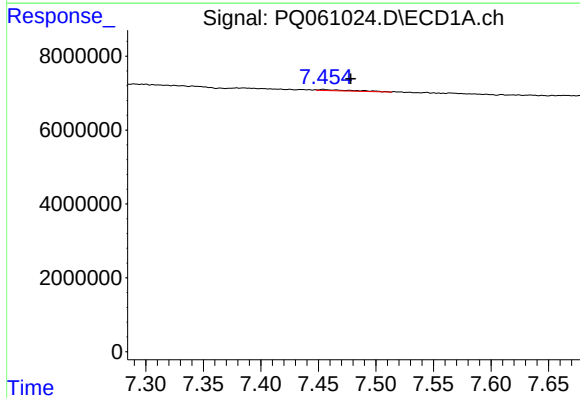
R.T.: 0.000 min
Exp R.T.: 8.060 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



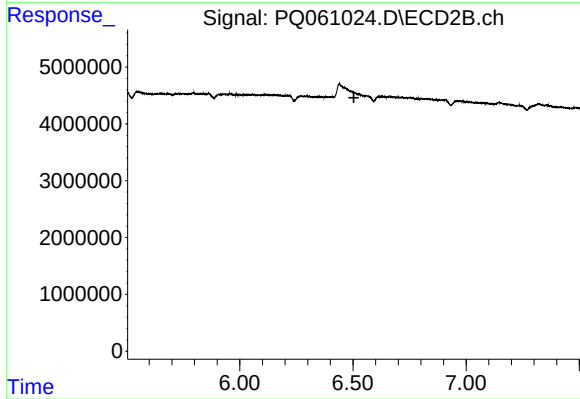
#40 AR-1262-5

R.T.: 7.078 min
Delta R.T.: 0.019 min
Response: 375796
Conc: 1.78 ng/ml



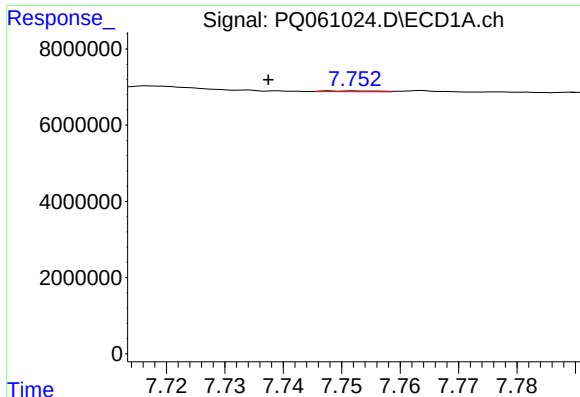
#41 AR-1268-1

R.T.: 7.454 min
Delta R.T.: -0.024 min
Response: 620307
Conc: 0.71 ng/ml



#41 AR-1268-1

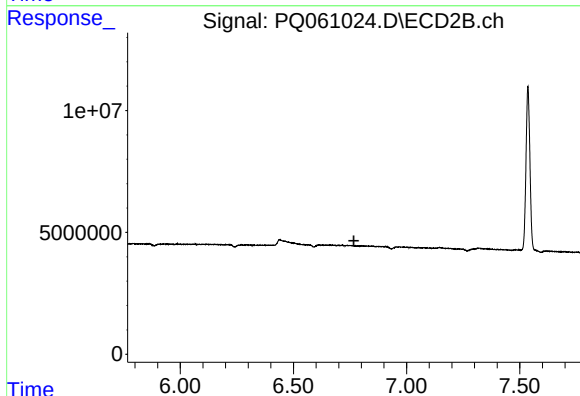
R.T.: 0.000 min
Exp R.T.: 6.504 min
Response: 0
Conc: N.D.



#43 AR-1268-3

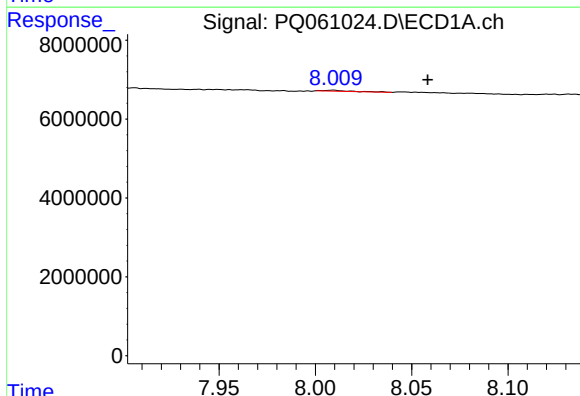
R.T.: 7.753 min
Delta R.T.: 0.015 min
Response: 131158
Conc: 0.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



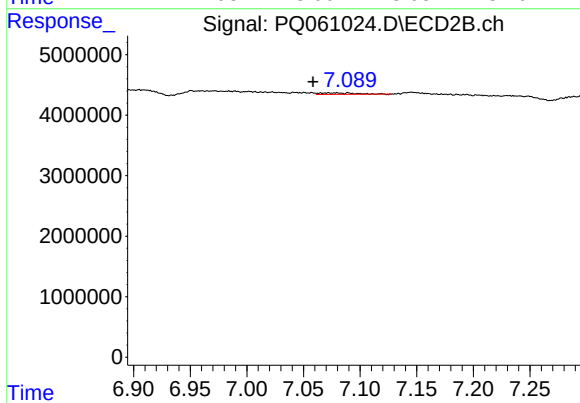
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 6.767 min
Response: 0
Conc: N.D.



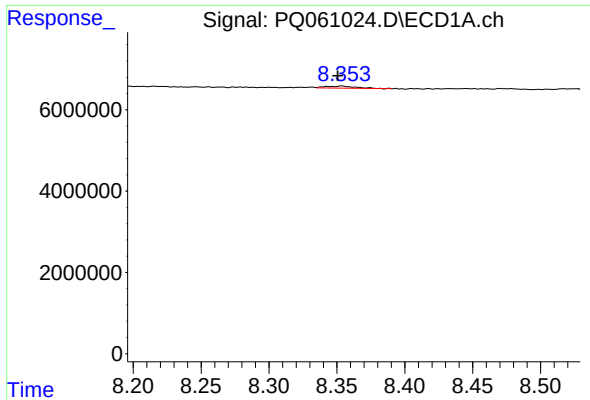
#44 AR-1268-4

R.T.: 8.009 min
Delta R.T.: -0.049 min
Response: 205119
Conc: 0.70 ng/ml



#44 AR-1268-4

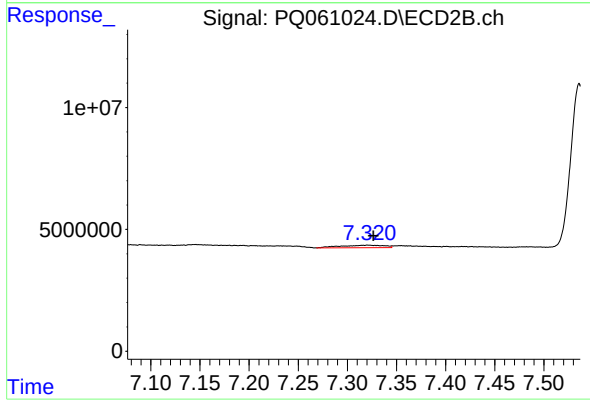
R.T.: 7.078 min
Delta R.T.: 0.019 min
Response: 375796
Conc: 1.61 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: 0.003 min
Response: 755408
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.321 min
Delta R.T.: -0.006 min
Response: 3177804
Conc: 1.82 ng/ml