

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060472.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 02:29
 Operator : YP\AJ
 Sample : 01627-08
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:39:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 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...	3.435	2.797	506.9E6	263.2E6	22.028	23.396
2)	SA Decachlor...	8.553f	7.510f	287.2E6	234.5E6	21.179	21.846
Target Compounds							
3)	L1 AR-1016-1	4.536	3.787	32500779	9529485	40.884	24.426 #
4)	L1 AR-1016-2	4.536	3.802	32500779	15693782	27.158	26.604
5)	L1 AR-1016-3	4.593	3.961	22148515	7534896	29.886	23.966
6)	L1 AR-1016-4	4.683	4.007	16086126	6090583	25.932	24.846
7)	L1 AR-1016-5	4.964	4.199	21435625	10139587	36.435	31.749
8)	L2 AR-1221-1	3.631	2.996	12450421	5632176	51.973	50.108
9)	L2 AR-1221-2	3.710	3.068	16986568	6928855	97.178	83.234
10)	L2 AR-1221-3	3.778	3.140	34523420	15462072	65.992	59.845
11)	L3 AR-1232-1	3.778	3.140	34523420	15462072	65.751	57.757
12)	L3 AR-1232-2	4.264	3.802	16343014	15693782	61.196	58.438
13)	L3 AR-1232-3	4.536	3.961	32500779	7534896	59.595	54.105
14)	L3 AR-1232-4	4.683	4.042	16086126	7355351	59.541	61.976
15)	L3 AR-1232-5	4.777	4.199	13423012	10139587	71.909	74.407
16)	L4 AR-1242-1	4.517	3.787	20535696	9529485	33.256	29.635
17)	L4 AR-1242-2	4.536	3.802	32500779	15693782	34.614	32.758
18)	L4 AR-1242-3	4.593	3.961	22148515	7534896	38.344	29.065
19)	L4 AR-1242-4	4.683	4.042	16086126	7355351	32.989	30.730
20)	L4 AR-1242-5	5.384	4.530	23991503	8858793	48.105	28.692 #
21)	L5 AR-1248-1	4.517	3.787	20535696	9529485	43.070	38.904
22)	L5 AR-1248-2	4.777	4.007	13423012	6090583	21.582	17.687
23)	L5 AR-1248-3	4.964	4.042	21435625	7355351	28.283	21.098 #
24)	L5 AR-1248-4	5.347	4.199	21047854	10139587	25.203	23.958
25)	L5 AR-1248-5	5.384	4.565	23991503	12411344	28.686	29.158
26)	L6 AR-1254-1	5.324	4.530	30288168	8858793	36.209	13.681 #
27)	L6 AR-1254-2	5.532	4.672	18294141	2162108	14.298	3.925 #
28)	L6 AR-1254-3	5.874	5.045	12136951	3919421	8.934	4.571 #
29)	L6 AR-1254-4	6.159	5.269	8424935	1772092	8.495	3.165 #
30)	L6 AR-1254-5	6.563	5.665	1847778	616220	1.760	0.760 #
31)	L7 AR-1260-1	6.069	5.181	692767	2267366	0.661	3.692 #
32)	L7 AR-1260-2	6.295f	5.385	4730905	847526	3.815	1.137 #
33)	L7 AR-1260-3	6.683	5.509	1418572	4946309	1.587	6.805 #
34)	L7 AR-1260-4	6.885	5.979	312607	173697	0.317	0.295
35)	L7 AR-1260-5	7.194	6.228f	431943	284416	0.222	0.207
36)	L8 AR-1262-1	6.629f	5.705	1372515	136167	1.194	0.174 #
37)	L8 AR-1262-2	7.174	6.195	1318907	881534	0.658	0.621
38)	L8 AR-1262-3	7.463	0.000	2280817	0	1.743	N.D. #
39)	L8 AR-1262-4	7.524	0.000	1987390	0	1.944	N.D. #
40)	L8 AR-1262-5	8.047	7.035	493387	555738	0.759	1.073 #
41)	L9 AR-1268-1	7.463	0.000	2280817	0	0.998	N.D. #

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 Acq On : 25 Feb 2023 02:29
 Operator : YP\AJ
 Sample : 01627-08
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 46 Sample Multiplier: 1

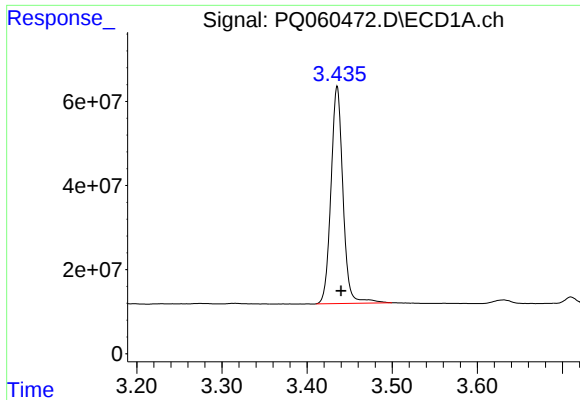
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:39:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.547	0.000	786347	0	0.370	N.D. #
43) L9	AR-1268-3	7.740f	6.727f	127821	3207444	0.073	2.357 #
44) L9	AR-1268-4	8.047	7.035	493387	555738	0.664	0.942 #
45) L9	AR-1268-5	8.328	7.316	1903260	1259146	0.369	0.295

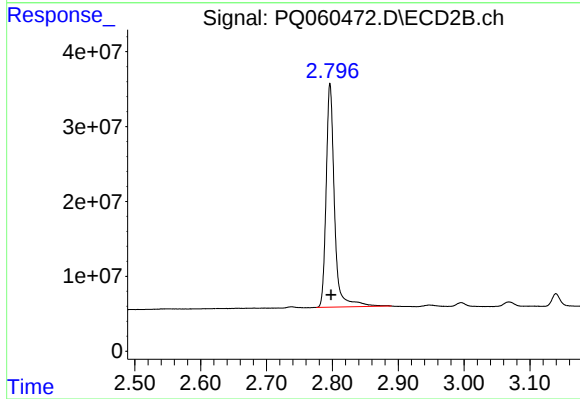
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

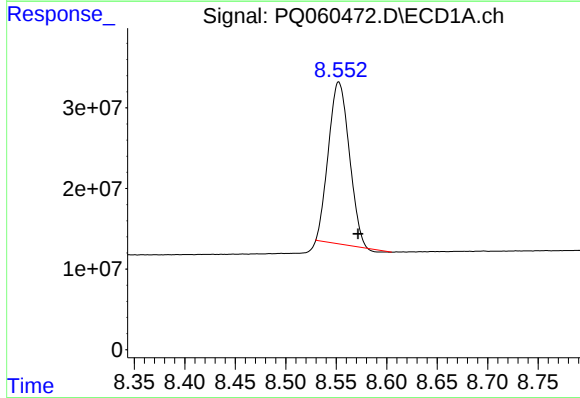
R.T.: 3.435 min
Delta R.T.: -0.005 min
Response: 506869729
Conc: 22.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



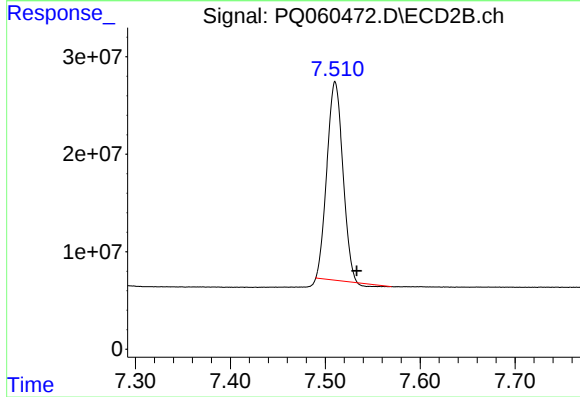
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: -0.002 min
Response: 263205315
Conc: 23.40 ng/ml



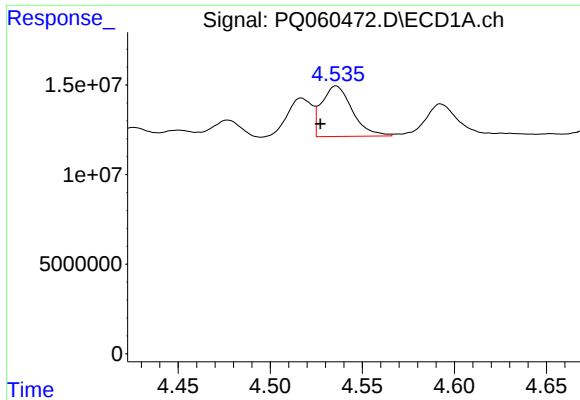
#2 Decachlorobiphenyl

R.T.: 8.553 min
Delta R.T.: -0.019 min
Response: 287175127
Conc: 21.18 ng/ml



#2 Decachlorobiphenyl

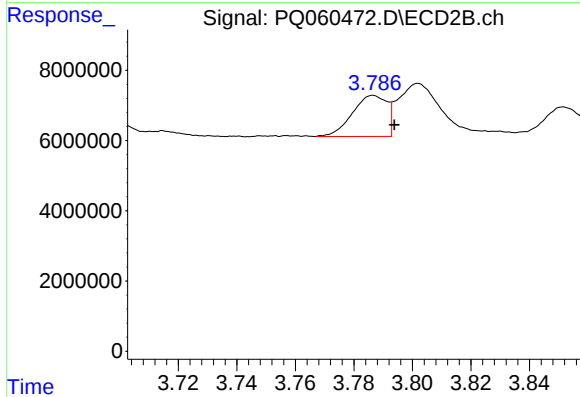
R.T.: 7.510 min
Delta R.T.: -0.023 min
Response: 234458899
Conc: 21.85 ng/ml



#3 AR-1016-1

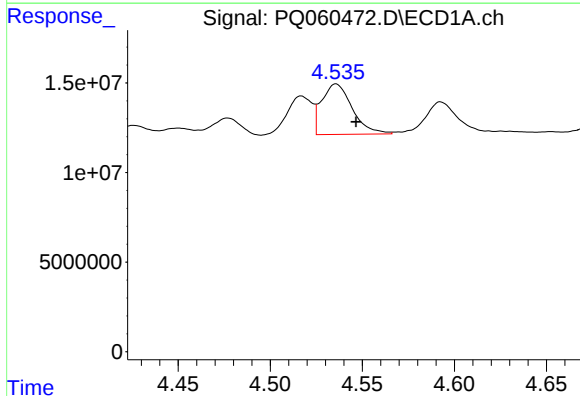
R.T.: 4.536 min
Delta R.T.: 0.009 min
Response: 32500779
Conc: 40.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



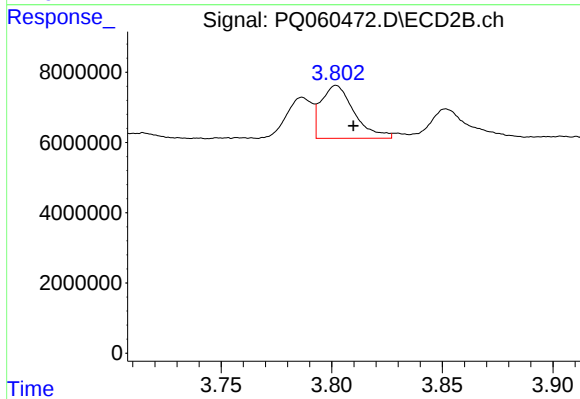
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: -0.007 min
Response: 9529485
Conc: 24.43 ng/ml



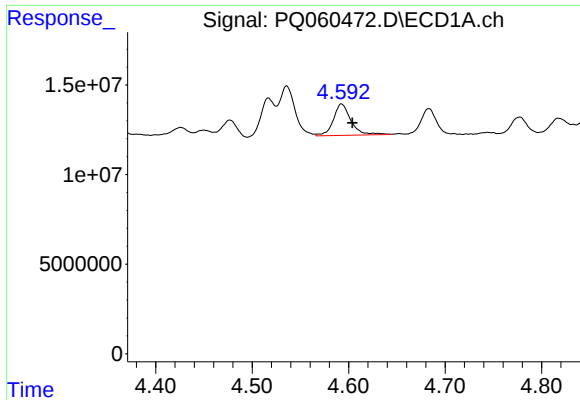
#4 AR-1016-2

R.T.: 4.536 min
Delta R.T.: -0.011 min
Response: 32500779
Conc: 27.16 ng/ml



#4 AR-1016-2

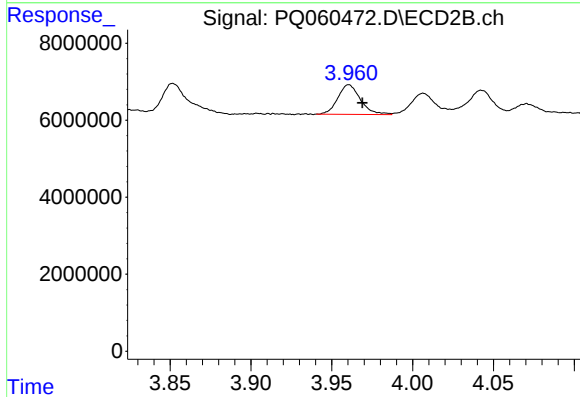
R.T.: 3.802 min
Delta R.T.: -0.008 min
Response: 15693782
Conc: 26.60 ng/ml



#5 AR-1016-3

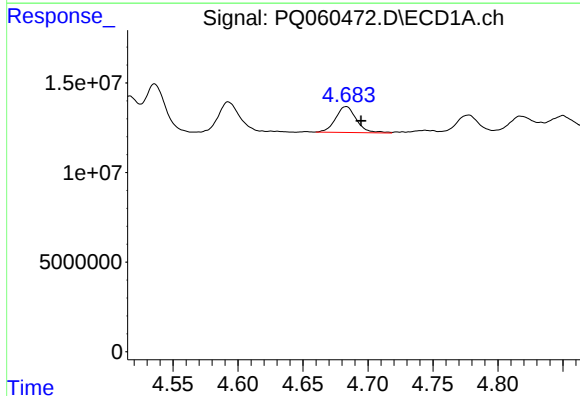
R.T.: 4.593 min
Delta R.T.: -0.011 min
Response: 22148515
Conc: 29.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



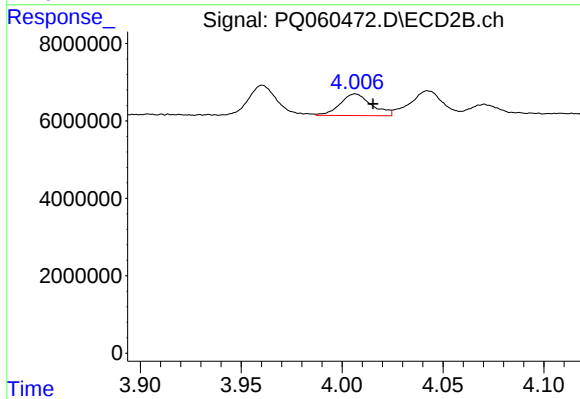
#5 AR-1016-3

R.T.: 3.961 min
Delta R.T.: -0.008 min
Response: 7534896
Conc: 23.97 ng/ml



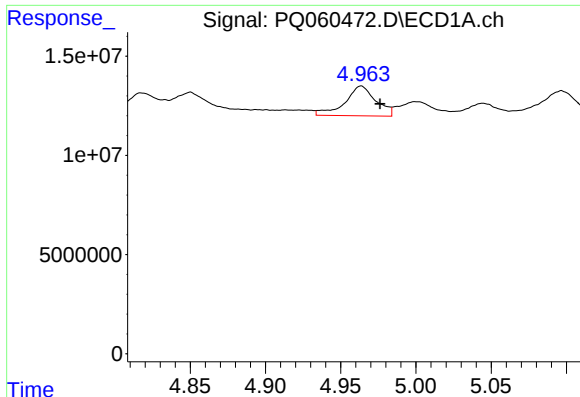
#6 AR-1016-4

R.T.: 4.683 min
Delta R.T.: -0.012 min
Response: 16086126
Conc: 25.93 ng/ml



#6 AR-1016-4

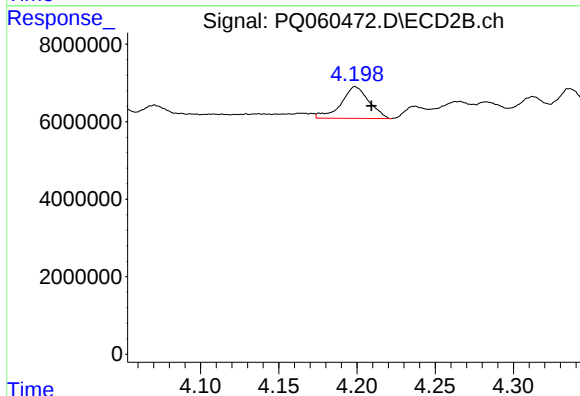
R.T.: 4.007 min
Delta R.T.: -0.009 min
Response: 6090583
Conc: 24.85 ng/ml



#7 AR-1016-5

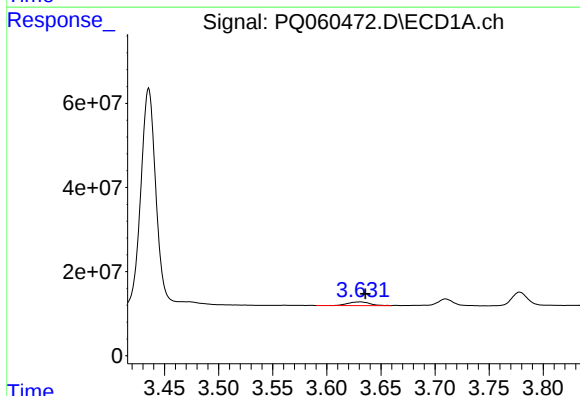
R.T.: 4.964 min
Delta R.T.: -0.012 min
Response: 21435625
Conc: 36.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



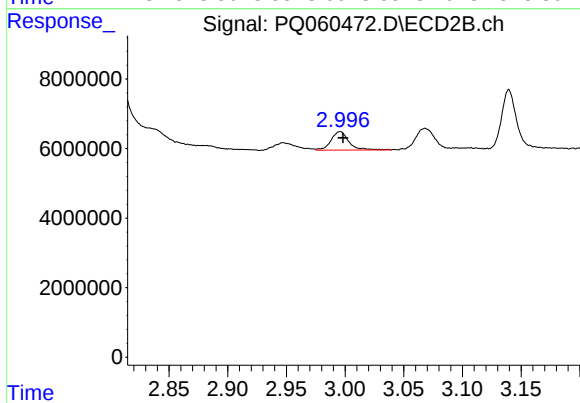
#7 AR-1016-5

R.T.: 4.199 min
Delta R.T.: -0.010 min
Response: 10139587
Conc: 31.75 ng/ml



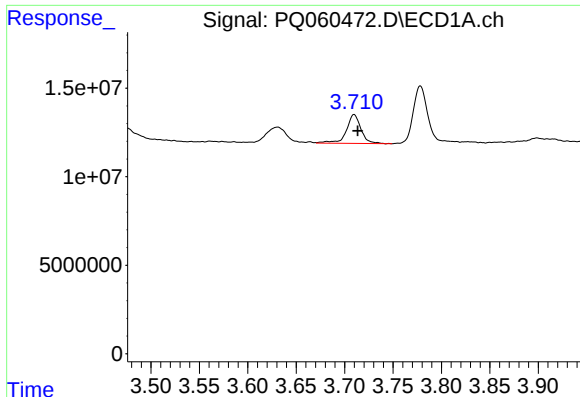
#8 AR-1221-1

R.T.: 3.631 min
Delta R.T.: -0.005 min
Response: 12450421
Conc: 51.97 ng/ml



#8 AR-1221-1

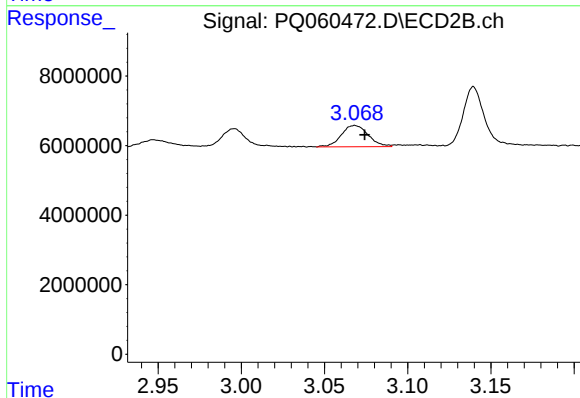
R.T.: 2.996 min
Delta R.T.: -0.002 min
Response: 5632176
Conc: 50.11 ng/ml



#9 AR-1221-2

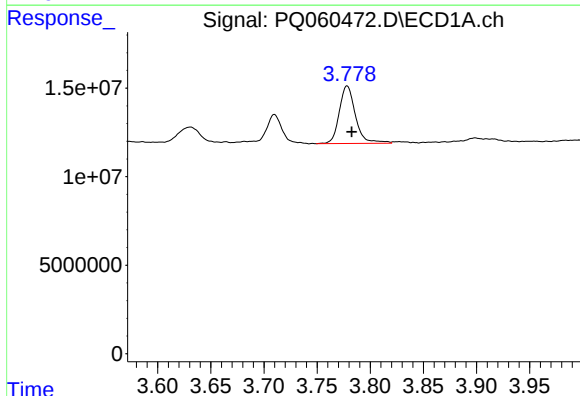
R.T.: 3.710 min
Delta R.T.: -0.004 min
Response: 16986568
Conc: 97.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



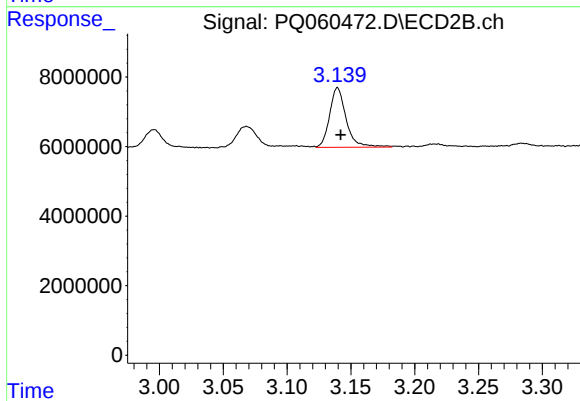
#9 AR-1221-2

R.T.: 3.068 min
Delta R.T.: -0.006 min
Response: 6928855
Conc: 83.23 ng/ml



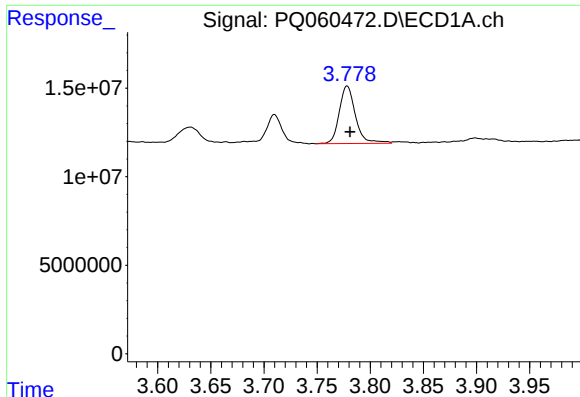
#10 AR-1221-3

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 34523420
Conc: 65.99 ng/ml



#10 AR-1221-3

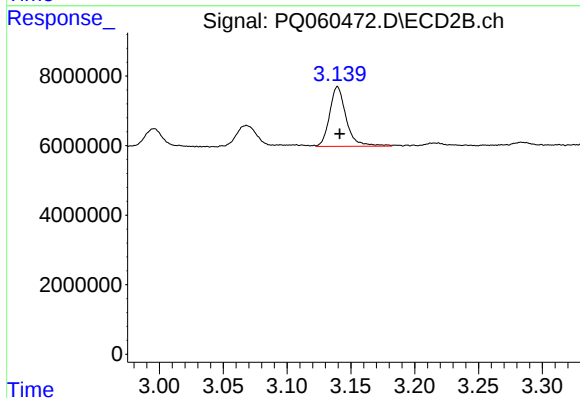
R.T.: 3.140 min
Delta R.T.: -0.002 min
Response: 15462072
Conc: 59.84 ng/ml



#11 AR-1232-1

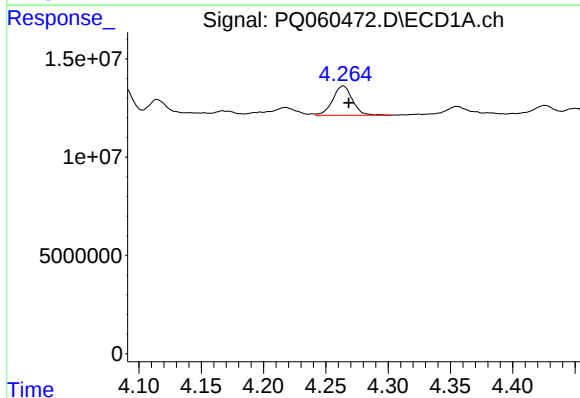
R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 34523420
Conc: 65.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



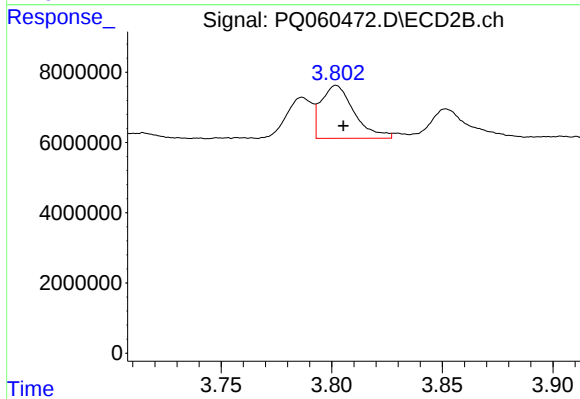
#11 AR-1232-1

R.T.: 3.140 min
Delta R.T.: -0.002 min
Response: 15462072
Conc: 57.76 ng/ml



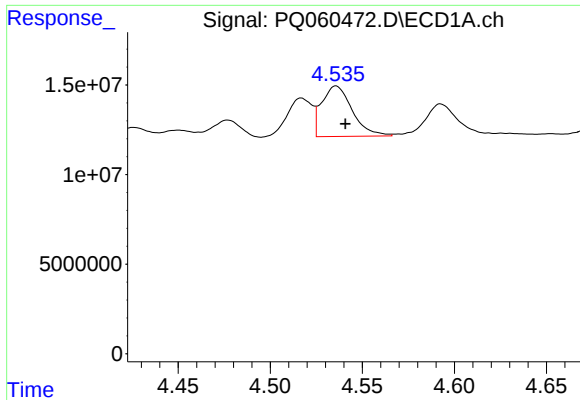
#12 AR-1232-2

R.T.: 4.264 min
Delta R.T.: -0.004 min
Response: 16343014
Conc: 61.20 ng/ml



#12 AR-1232-2

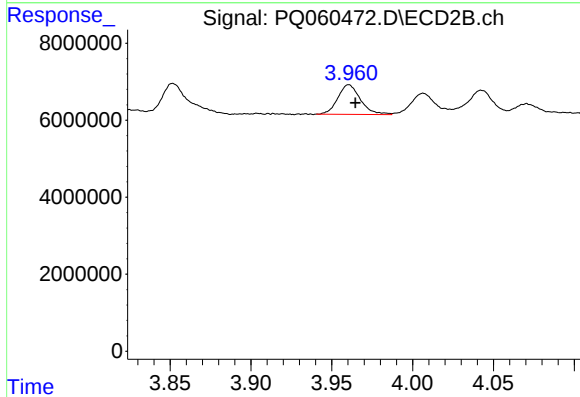
R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 15693782
Conc: 58.44 ng/ml



#13 AR-1232-3

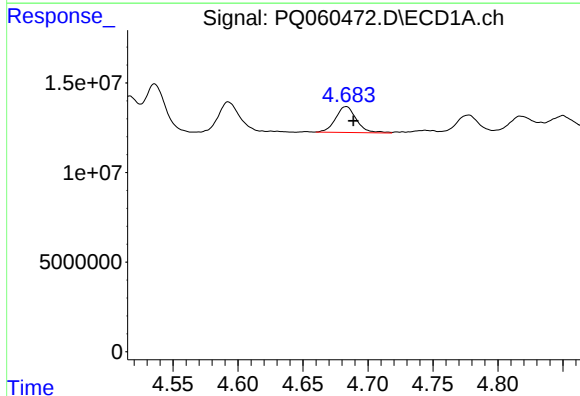
R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 32500779
Conc: 59.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



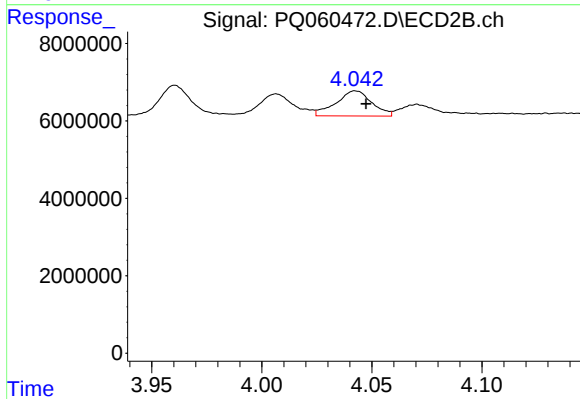
#13 AR-1232-3

R.T.: 3.961 min
Delta R.T.: -0.004 min
Response: 7534896
Conc: 54.11 ng/ml



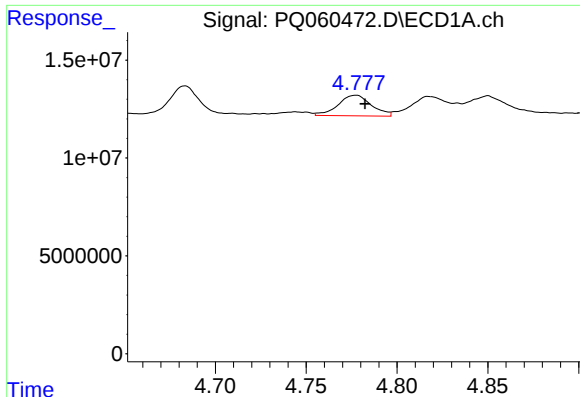
#14 AR-1232-4

R.T.: 4.683 min
Delta R.T.: -0.006 min
Response: 16086126
Conc: 59.54 ng/ml



#14 AR-1232-4

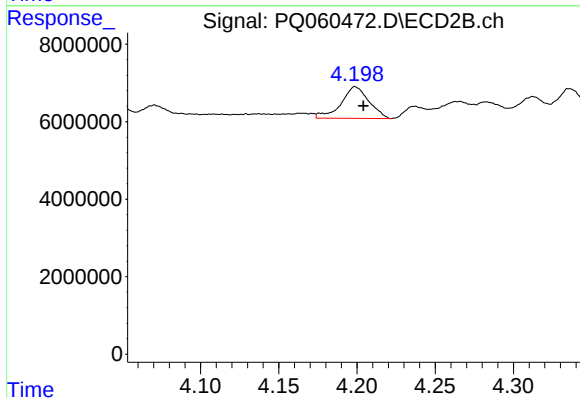
R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 7355351
Conc: 61.98 ng/ml



#15 AR-1232-5

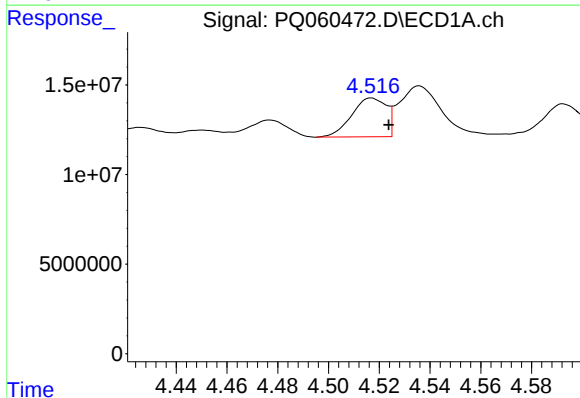
R.T.: 4.777 min
Delta R.T.: -0.005 min
Response: 13423012
Conc: 71.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



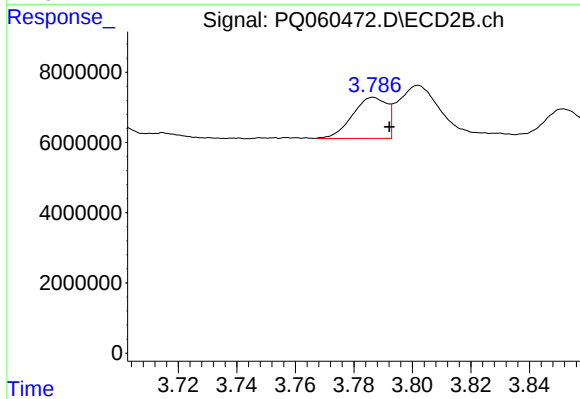
#15 AR-1232-5

R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 10139587
Conc: 74.41 ng/ml



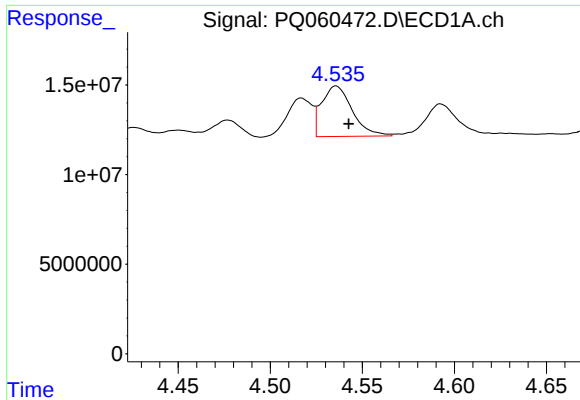
#16 AR-1242-1

R.T.: 4.517 min
Delta R.T.: -0.007 min
Response: 20535696
Conc: 33.26 ng/ml



#16 AR-1242-1

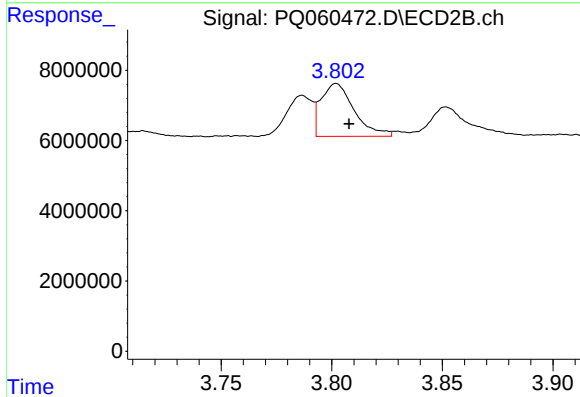
R.T.: 3.787 min
Delta R.T.: -0.005 min
Response: 9529485
Conc: 29.63 ng/ml



#17 AR-1242-2

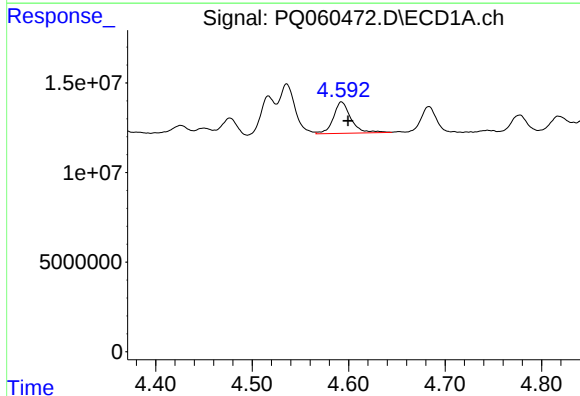
R.T.: 4.536 min
Delta R.T.: -0.007 min
Response: 32500779
Conc: 34.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



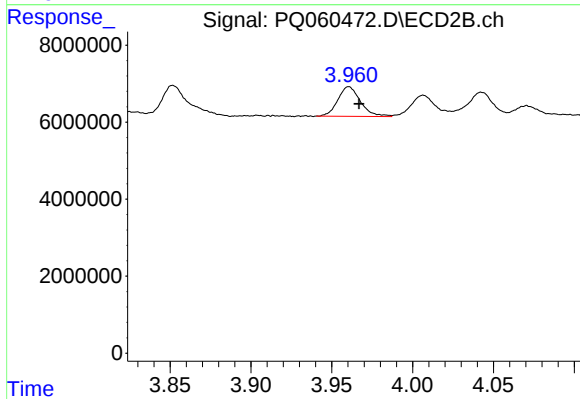
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.006 min
Response: 15693782
Conc: 32.76 ng/ml



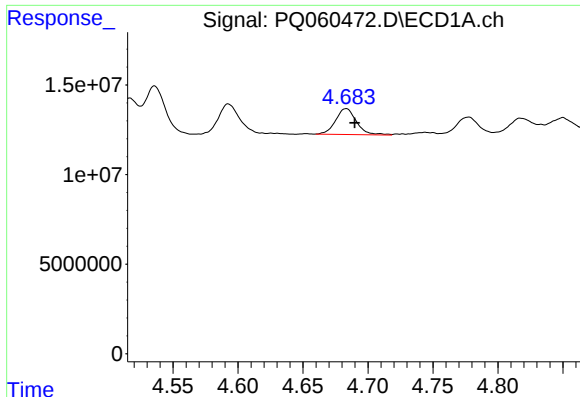
#18 AR-1242-3

R.T.: 4.593 min
Delta R.T.: -0.007 min
Response: 22148515
Conc: 38.34 ng/ml



#18 AR-1242-3

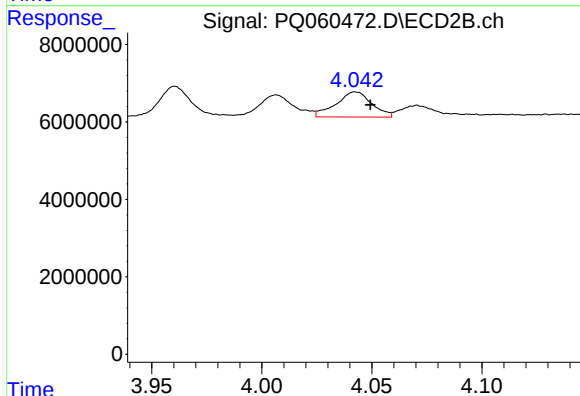
R.T.: 3.961 min
Delta R.T.: -0.006 min
Response: 7534896
Conc: 29.06 ng/ml



#19 AR-1242-4

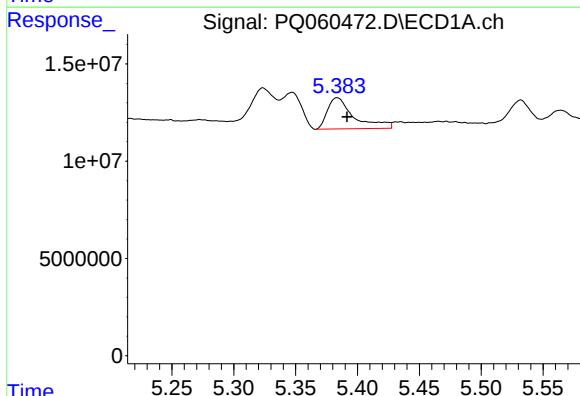
R.T.: 4.683 min
Delta R.T.: -0.007 min
Response: 16086126
Conc: 32.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



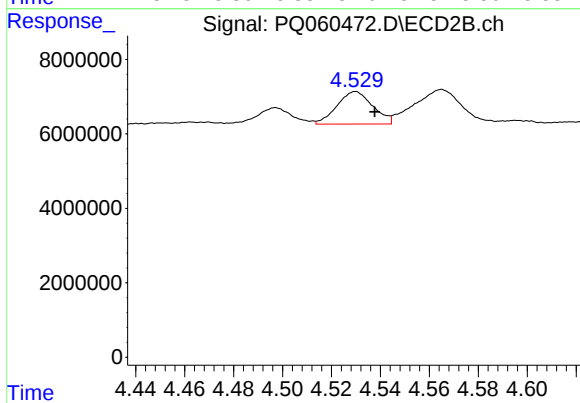
#19 AR-1242-4

R.T.: 4.042 min
Delta R.T.: -0.007 min
Response: 7355351
Conc: 30.73 ng/ml



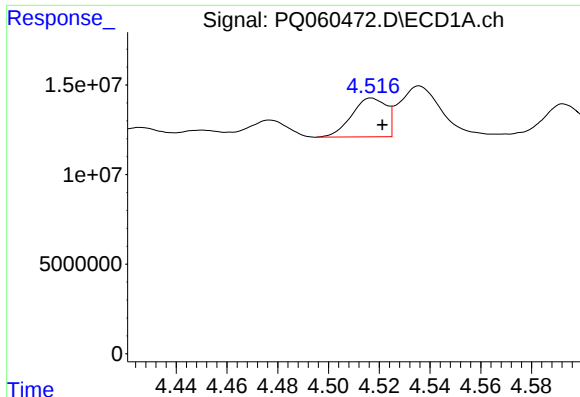
#20 AR-1242-5

R.T.: 5.384 min
Delta R.T.: -0.008 min
Response: 23991503
Conc: 48.11 ng/ml



#20 AR-1242-5

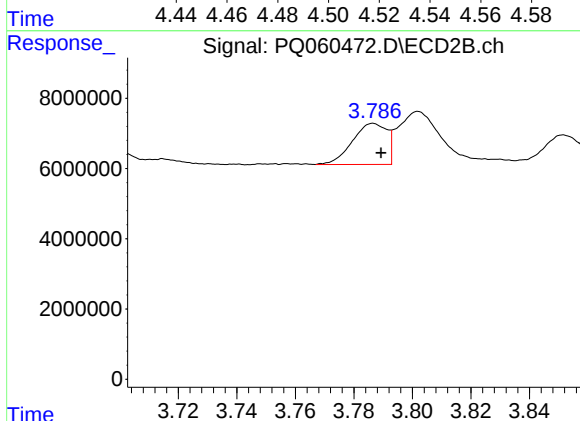
R.T.: 4.530 min
Delta R.T.: -0.008 min
Response: 8858793
Conc: 28.69 ng/ml



#21 AR-1248-1

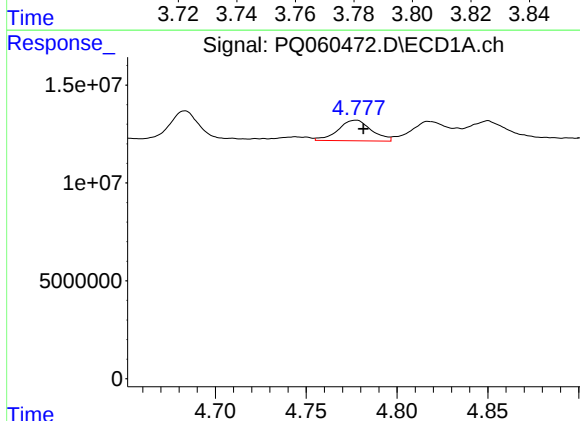
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 20535696
Conc: 43.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



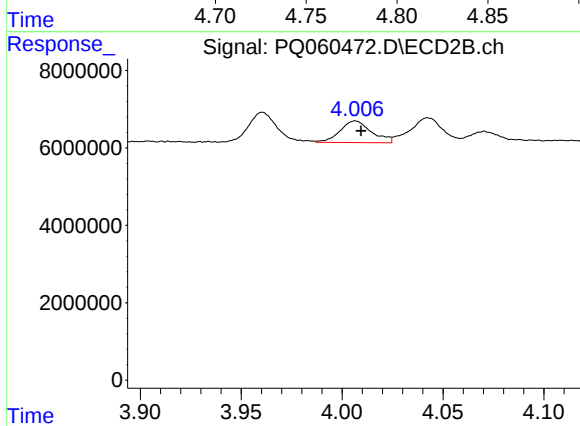
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 9529485
Conc: 38.90 ng/ml



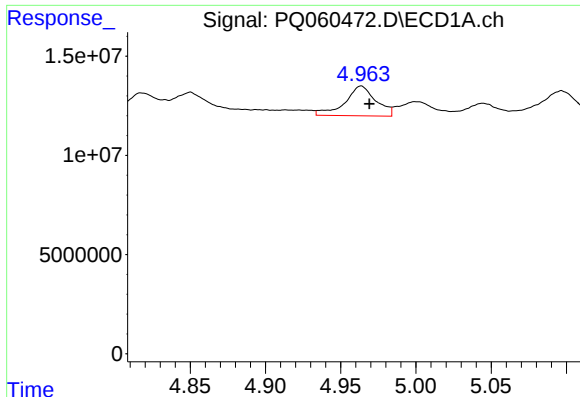
#22 AR-1248-2

R.T.: 4.777 min
Delta R.T.: -0.004 min
Response: 13423012
Conc: 21.58 ng/ml



#22 AR-1248-2

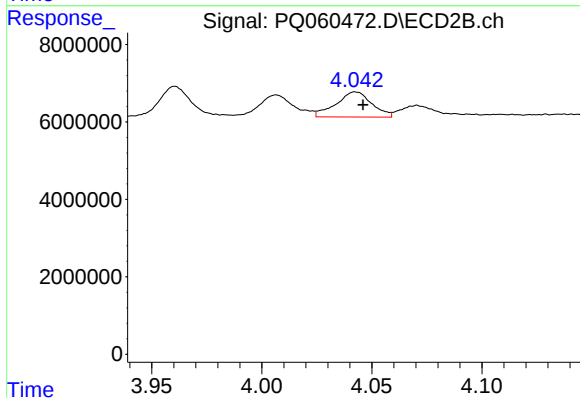
R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 6090583
Conc: 17.69 ng/ml



#23 AR-1248-3

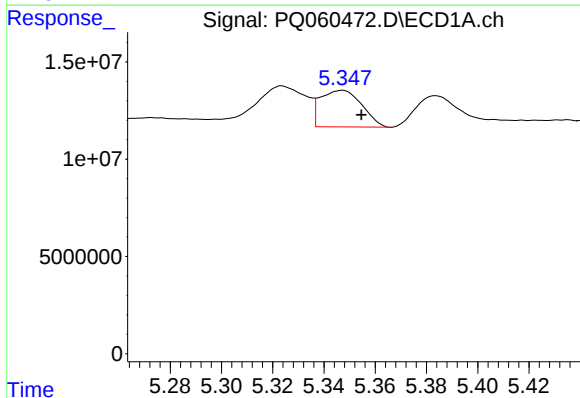
R.T.: 4.964 min
Delta R.T.: -0.006 min
Response: 21435625
Conc: 28.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



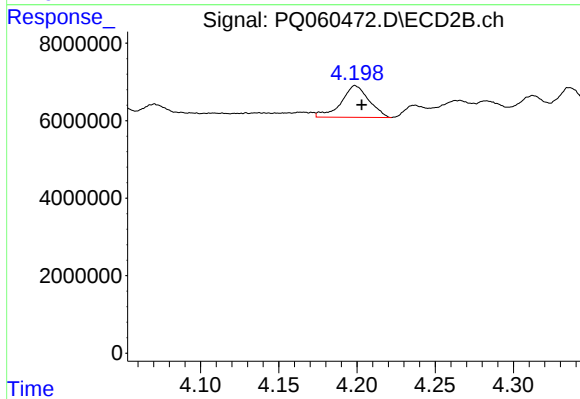
#23 AR-1248-3

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 7355351
Conc: 21.10 ng/ml



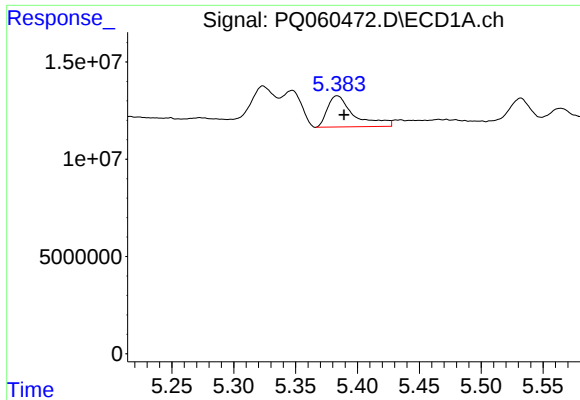
#24 AR-1248-4

R.T.: 5.347 min
Delta R.T.: -0.007 min
Response: 21047854
Conc: 25.20 ng/ml



#24 AR-1248-4

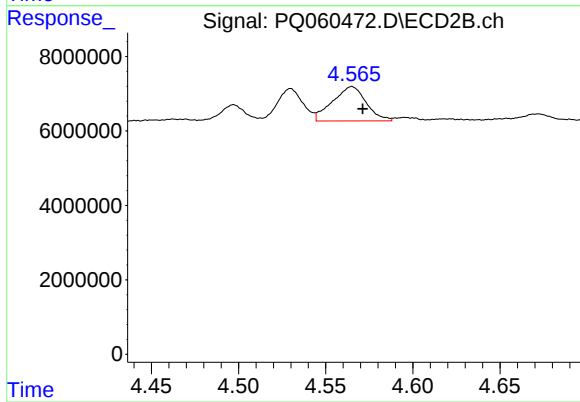
R.T.: 4.199 min
Delta R.T.: -0.004 min
Response: 10139587
Conc: 23.96 ng/ml



#25 AR-1248-5

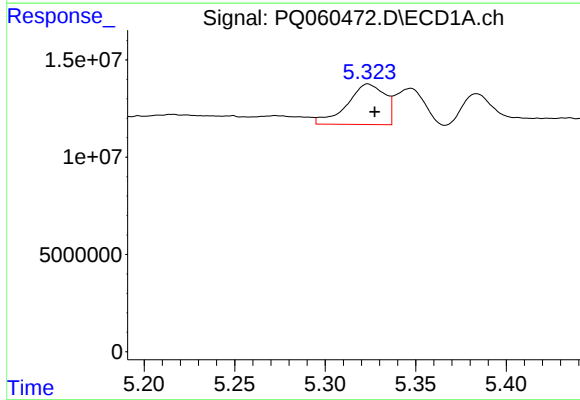
R.T.: 5.384 min
Delta R.T.: -0.005 min
Response: 23991503
Conc: 28.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



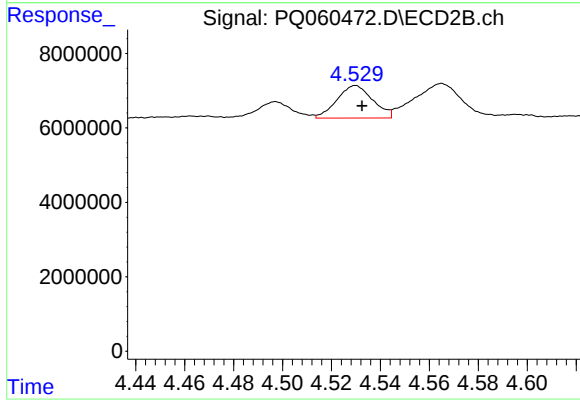
#25 AR-1248-5

R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 12411344
Conc: 29.16 ng/ml



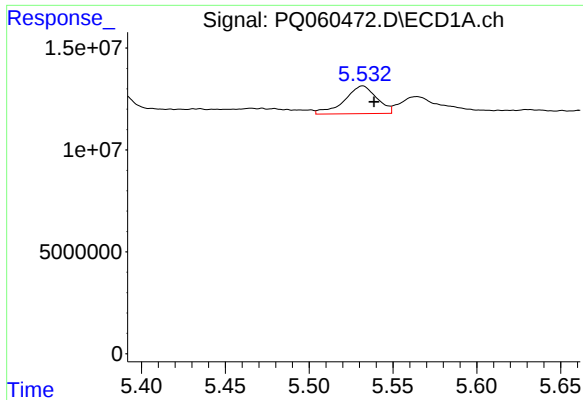
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: -0.004 min
Response: 30288168
Conc: 36.21 ng/ml



#26 AR-1254-1

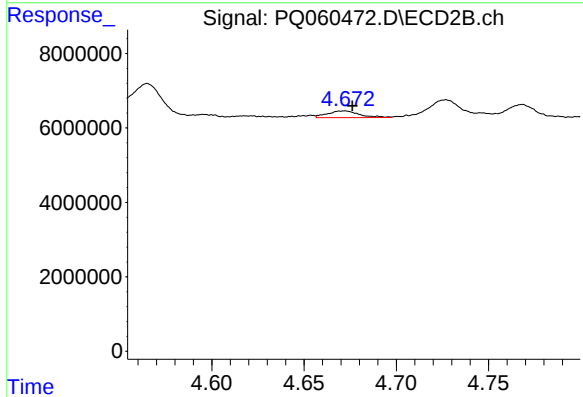
R.T.: 4.530 min
Delta R.T.: -0.003 min
Response: 8858793
Conc: 13.68 ng/ml



#27 AR-1254-2

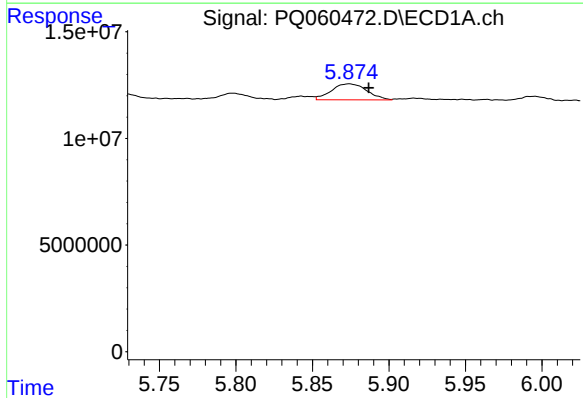
R.T.: 5.532 min
Delta R.T.: -0.007 min
Response: 18294141
Conc: 14.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



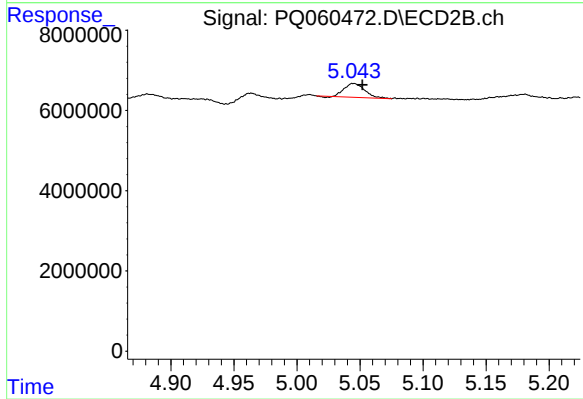
#27 AR-1254-2

R.T.: 4.672 min
Delta R.T.: -0.004 min
Response: 2162108
Conc: 3.92 ng/ml



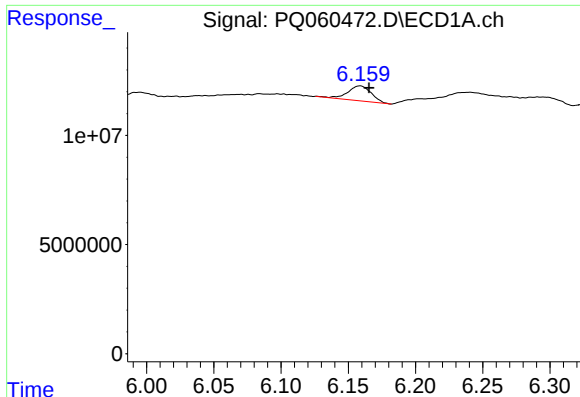
#28 AR-1254-3

R.T.: 5.874 min
Delta R.T.: -0.013 min
Response: 12136951
Conc: 8.93 ng/ml



#28 AR-1254-3

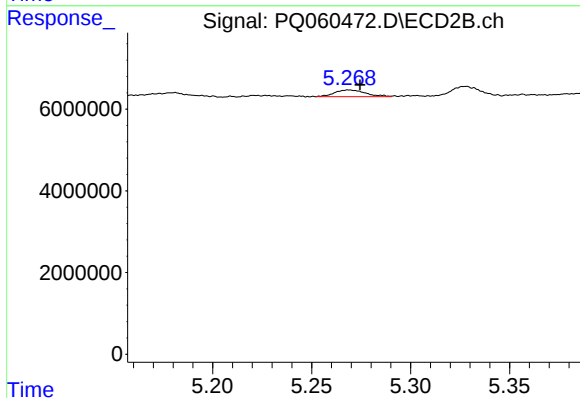
R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 3919421
Conc: 4.57 ng/ml



#29 AR-1254-4

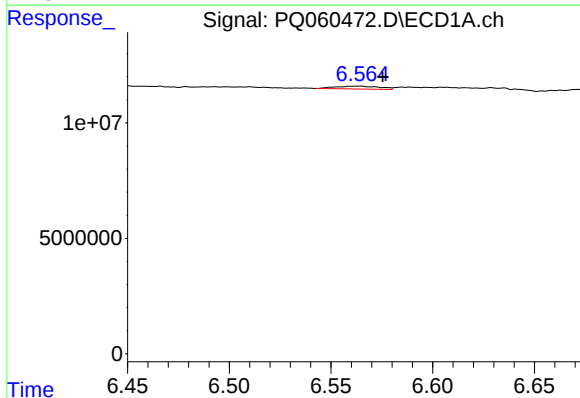
R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 8424935
Conc: 8.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



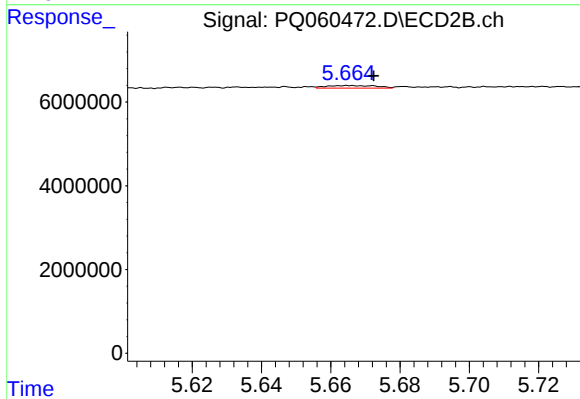
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 1772092
Conc: 3.17 ng/ml



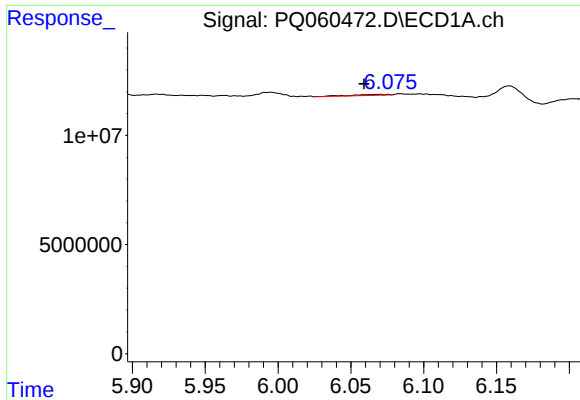
#30 AR-1254-5

R.T.: 6.563 min
Delta R.T.: -0.012 min
Response: 1847778
Conc: 1.76 ng/ml



#30 AR-1254-5

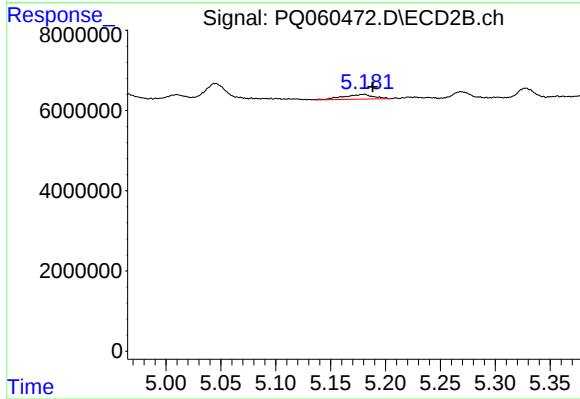
R.T.: 5.665 min
Delta R.T.: -0.007 min
Response: 616220
Conc: 0.76 ng/ml



#31 AR-1260-1

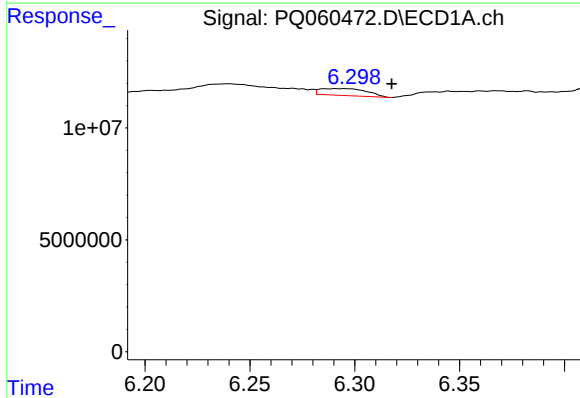
R.T.: 6.069 min
Delta R.T.: 0.010 min
Response: 692767
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



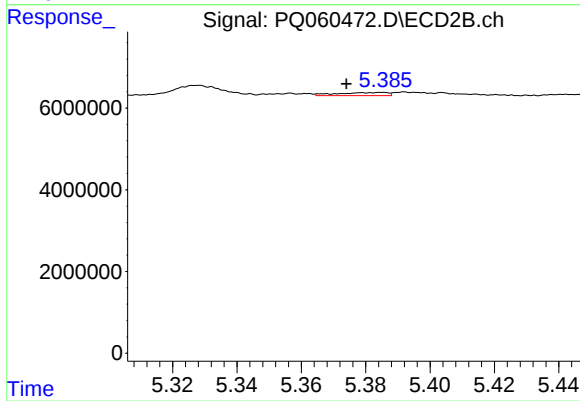
#31 AR-1260-1

R.T.: 5.181 min
Delta R.T.: -0.007 min
Response: 2267366
Conc: 3.69 ng/ml



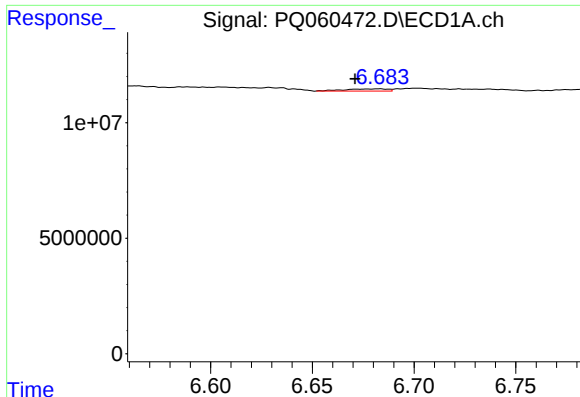
#32 AR-1260-2

R.T.: 6.295 min
Delta R.T.: -0.023 min
Response: 4730905
Conc: 3.81 ng/ml



#32 AR-1260-2

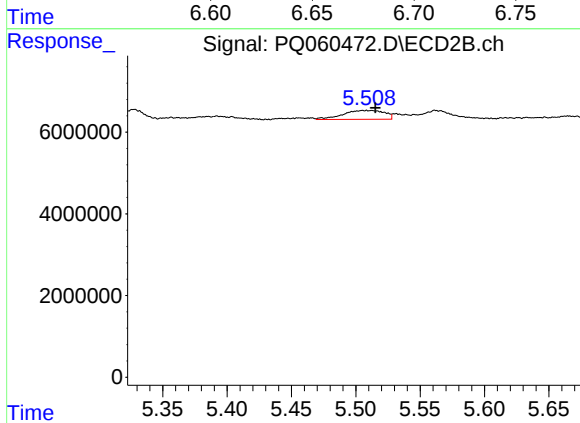
R.T.: 5.385 min
Delta R.T.: 0.011 min
Response: 847526
Conc: 1.14 ng/ml



#33 AR-1260-3

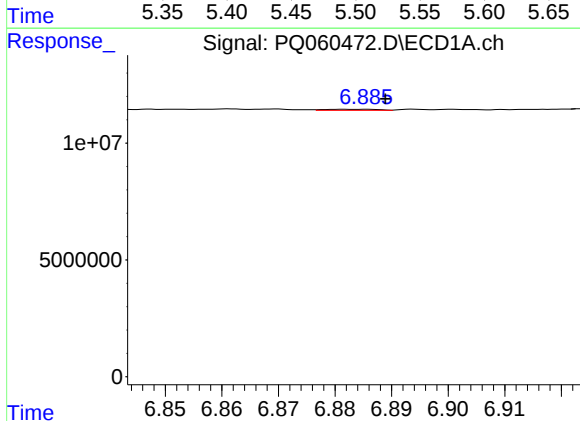
R.T.: 6.683 min
Delta R.T.: 0.012 min
Response: 1418572
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



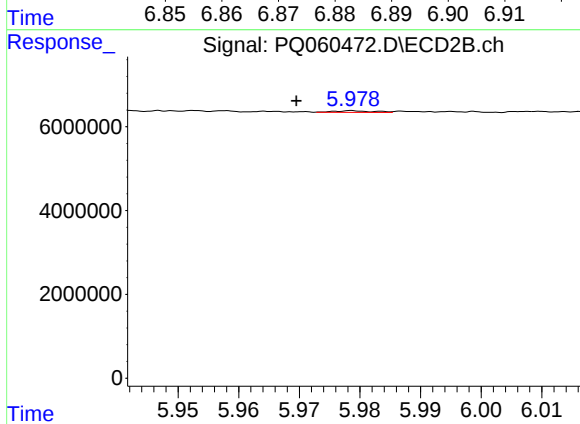
#33 AR-1260-3

R.T.: 5.509 min
Delta R.T.: -0.007 min
Response: 4946309
Conc: 6.81 ng/ml



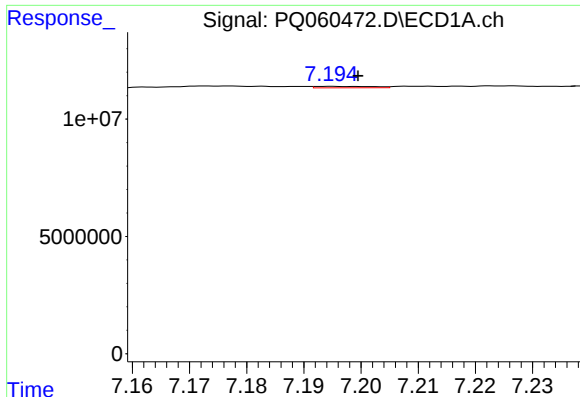
#34 AR-1260-4

R.T.: 6.885 min
Delta R.T.: -0.004 min
Response: 312607
Conc: 0.32 ng/ml



#34 AR-1260-4

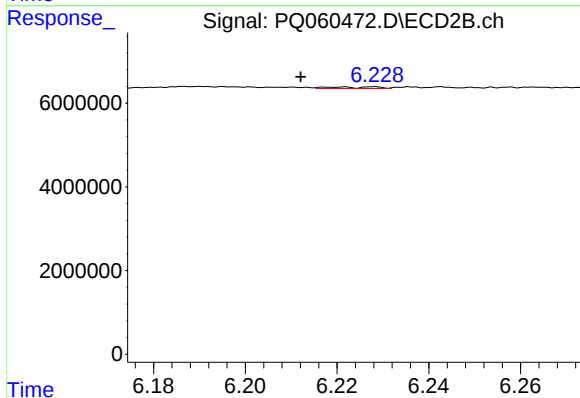
R.T.: 5.979 min
Delta R.T.: 0.009 min
Response: 173697
Conc: 0.29 ng/ml



#35 AR-1260-5

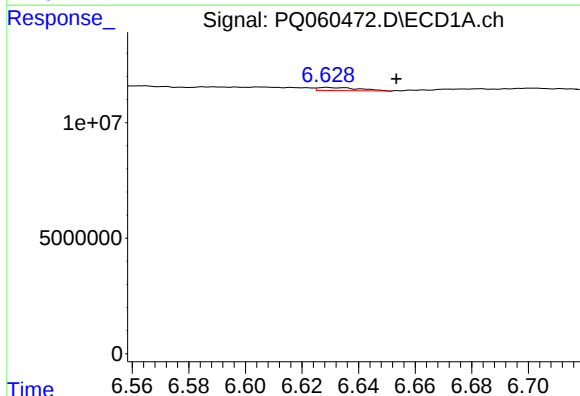
R.T.: 7.194 min
Delta R.T.: -0.005 min
Response: 431943
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



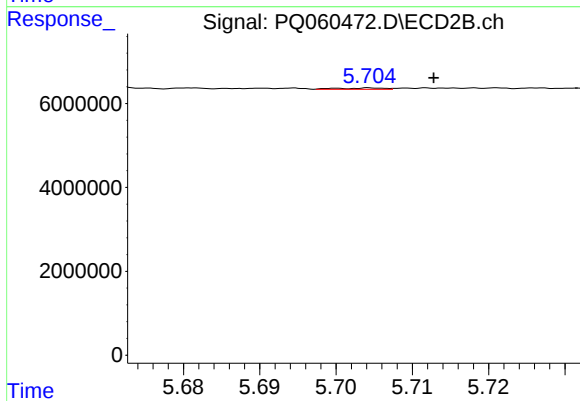
#35 AR-1260-5

R.T.: 6.228 min
Delta R.T.: 0.016 min
Response: 284416
Conc: 0.21 ng/ml



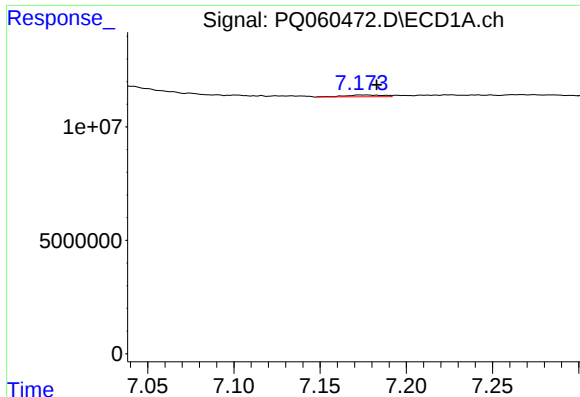
#36 AR-1262-1

R.T.: 6.629 min
Delta R.T.: -0.025 min
Response: 1372515
Conc: 1.19 ng/ml



#36 AR-1262-1

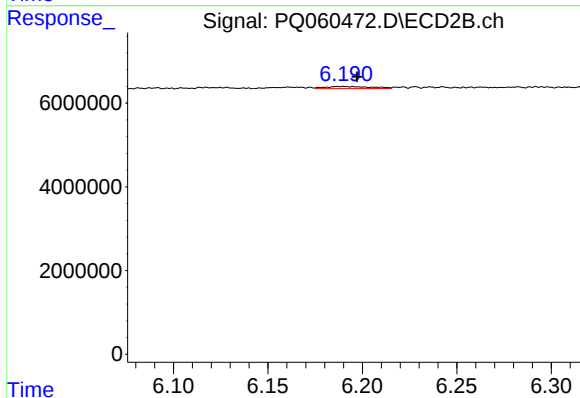
R.T.: 5.705 min
Delta R.T.: -0.008 min
Response: 136167
Conc: 0.17 ng/ml



#37 AR-1262-2

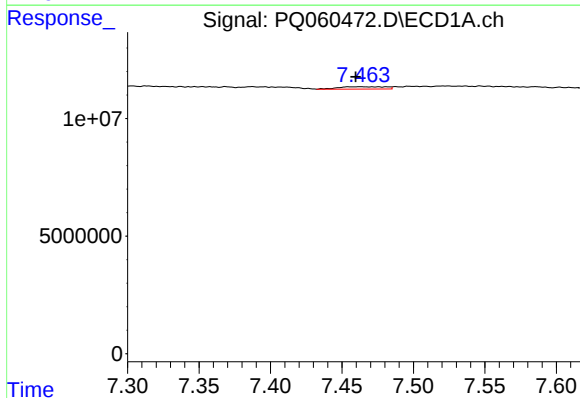
R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 1318907
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



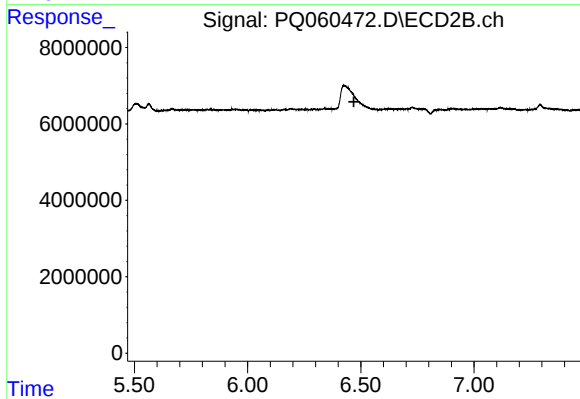
#37 AR-1262-2

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 881534
Conc: 0.62 ng/ml



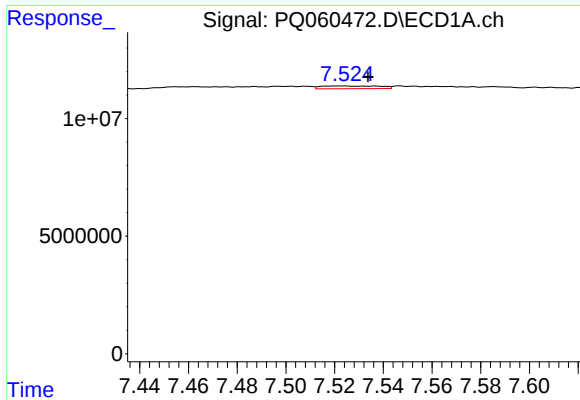
#38 AR-1262-3

R.T.: 7.463 min
Delta R.T.: 0.003 min
Response: 2280817
Conc: 1.74 ng/ml



#38 AR-1262-3

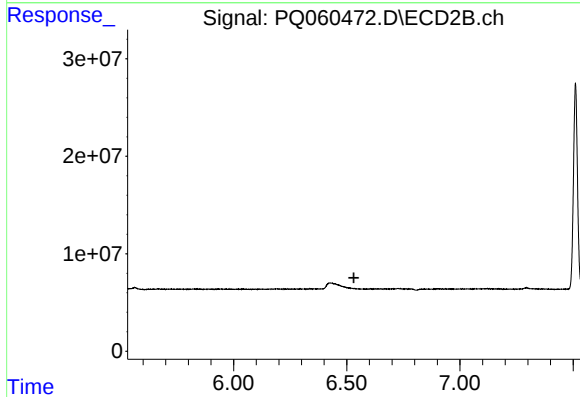
R.T.: 0.000 min
Exp R.T.: 6.469 min
Response: 0
Conc: N.D.



#39 AR-1262-4

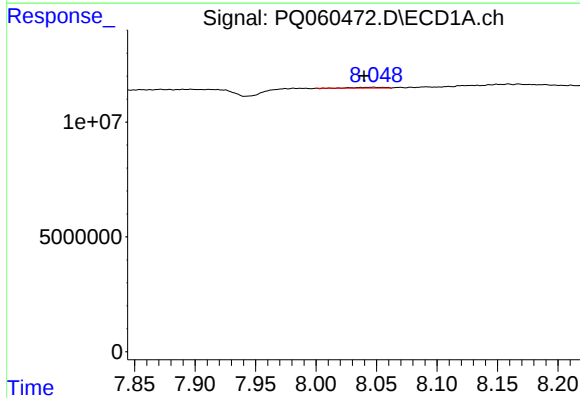
R.T.: 7.524 min
Delta R.T.: -0.010 min
Response: 1987390
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



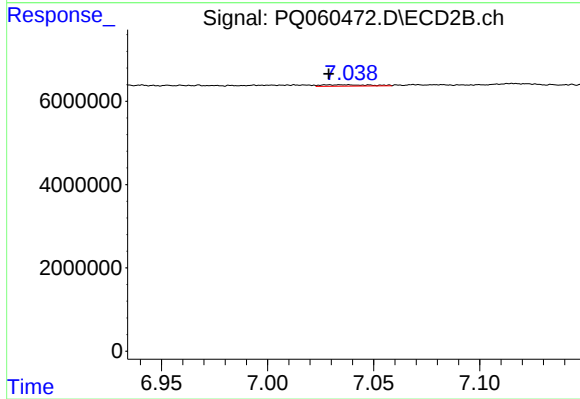
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.531 min
Response: 0
Conc: N.D.



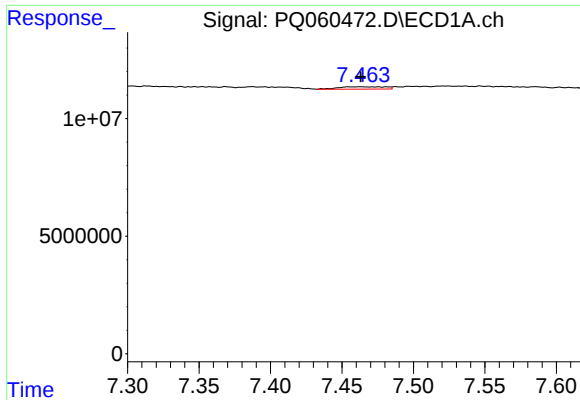
#40 AR-1262-5

R.T.: 8.047 min
Delta R.T.: 0.008 min
Response: 493387
Conc: 0.76 ng/ml



#40 AR-1262-5

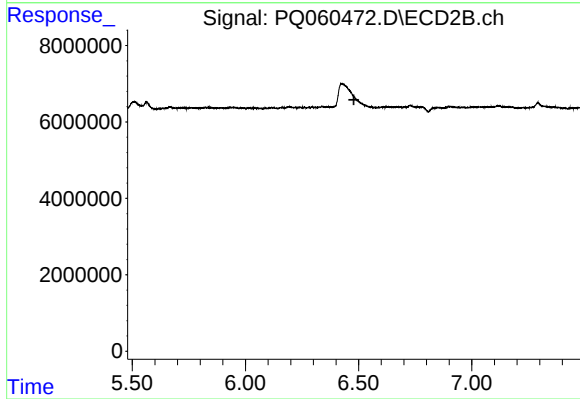
R.T.: 7.035 min
Delta R.T.: 0.006 min
Response: 555738
Conc: 1.07 ng/ml



#41 AR-1268-1

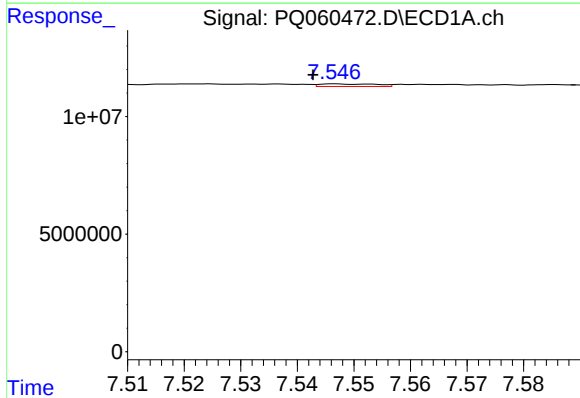
R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 2280817
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



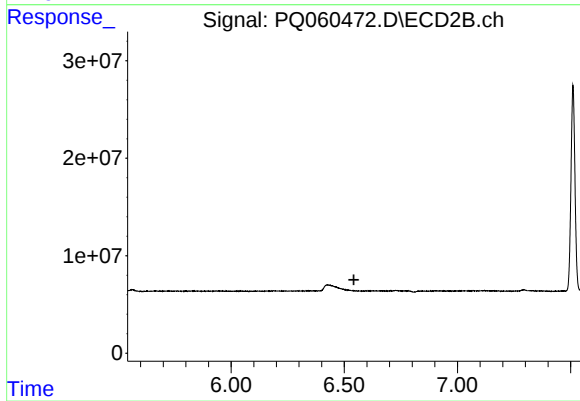
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.479 min
Response: 0
Conc: N.D.



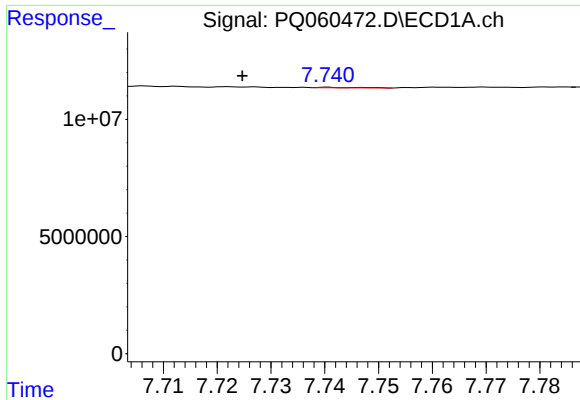
#42 AR-1268-2

R.T.: 7.547 min
Delta R.T.: 0.004 min
Response: 786347
Conc: 0.37 ng/ml



#42 AR-1268-2

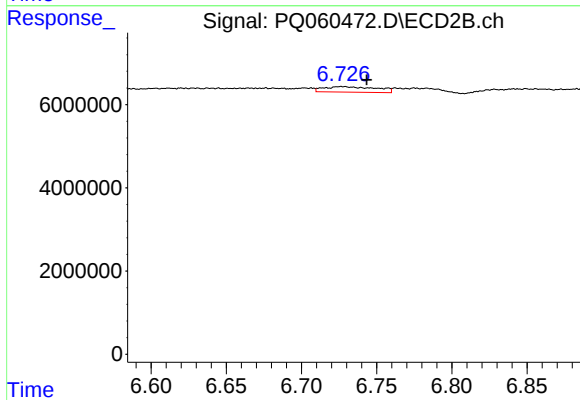
R.T.: 0.000 min
Exp R.T. : 6.543 min
Response: 0
Conc: N.D.



#43 AR-1268-3

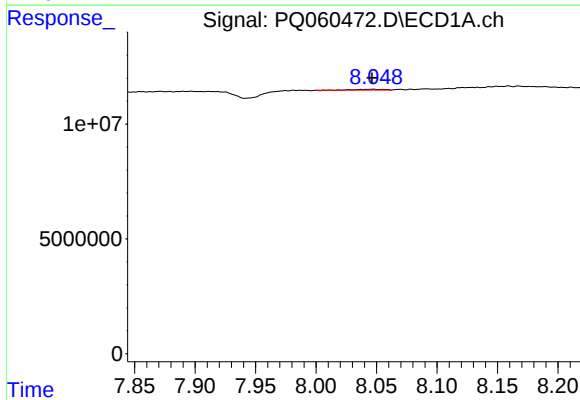
R.T.: 7.740 min
Delta R.T.: 0.016 min
Response: 127821
Conc: 0.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



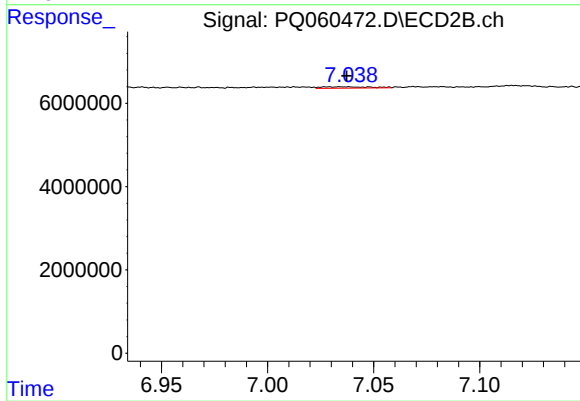
#43 AR-1268-3

R.T.: 6.727 min
Delta R.T.: -0.016 min
Response: 3207444
Conc: 2.36 ng/ml



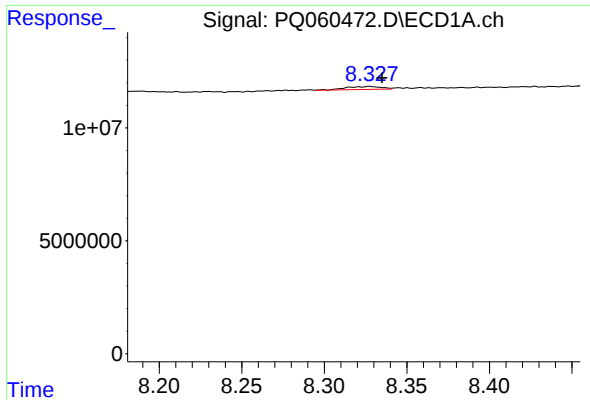
#44 AR-1268-4

R.T.: 8.047 min
Delta R.T.: 0.001 min
Response: 493387
Conc: 0.66 ng/ml



#44 AR-1268-4

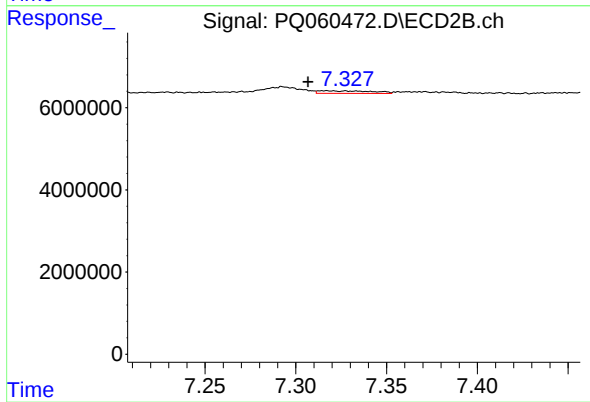
R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 555738
Conc: 0.94 ng/ml



#45 AR-1268-5

R.T.: 8.328 min
Delta R.T.: -0.007 min
Response: 1903260
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: 0.010 min
Response: 1259146
Conc: 0.30 ng/ml