

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112123\
 Data File : PQ064268.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 14:27
 Operator : YP\AJ
 Sample : 05489-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 00:43:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.457	2.774	68465389	75342379	16.062	20.486 #
2)	SA Decachlor...	8.691	7.570	38523183	47145239	11.932	10.062
Target Compounds							
3)	L1 AR-1016-1	4.572	3.783	3482753	2073068	25.272	16.456 #
4)	L1 AR-1016-2	4.593	3.800	7531358	3180416	35.658	17.554 #
5)	L1 AR-1016-3	4.652	3.957	6716707	2207386	50.434	22.652 #
6)	L1 AR-1016-4	4.743	3.994	1472602	3440577	14.006	40.781 #
7)	L1 AR-1016-5	5.032	4.206	9619476	15480599	90.798	154.789 #
8)	L2 AR-1221-1	3.644	2.970	3975010	420130	73.459	8.153 #
9)	L2 AR-1221-2	3.738	3.045	1074785	1980752	29.422	56.808 #
10)	L2 AR-1221-3	3.824	3.124	1165297	1035905	9.812	9.391
11)	L3 AR-1232-1	3.824	3.124	1165297	1035905	12.459	11.963
12)	L3 AR-1232-2	4.310	3.800	9403932	3180416	179.064	39.984 #
13)	L3 AR-1232-3	4.593	3.957	7531358	2207386	83.735	53.319 #
14)	L3 AR-1232-4	4.743	4.045	1472602	7593671	33.679	209.096 #
15)	L3 AR-1232-5	4.816f	4.206	2845900	15480599	85.104	368.433 #
16)	L4 AR-1242-1	4.572	3.783	3482753	2073068	30.907	20.153 #
17)	L4 AR-1242-2	4.593	3.800	7531358	3180416	44.538	21.552 #
18)	L4 AR-1242-3	4.652	3.957	6716707	2207386	63.638	27.747 #
19)	L4 AR-1242-4	4.743	4.045	1472602	7593671	17.356	100.067 #
20)	L4 AR-1242-5	5.462	4.548	9132403	11188800	103.282	111.227
21)	L5 AR-1248-1	4.572	3.783	3482753	2073068	41.832	26.587 #
22)	L5 AR-1248-2	4.816f	3.994	2845900	3440577	23.448	29.024
23)	L5 AR-1248-3	5.032	4.045	9619476	7593671	66.436	67.402
24)	L5 AR-1248-4	5.429	4.206	6409085	15480599	41.356	112.457 #
25)	L5 AR-1248-5	5.462	4.578	9132403	22143794	59.725	164.922 #
26)	L6 AR-1254-1	5.401	4.548	10710517	11188800	68.242	57.566
27)	L6 AR-1254-2	5.610	4.690	6483920	32438687	27.340	186.210 #
28)	L6 AR-1254-3	5.977	5.076	21286508	17674701	85.853	66.032
29)	L6 AR-1254-4	6.262	5.303	2224988	23713198	12.278	135.172 #
30)	L6 AR-1254-5	6.679	5.709	5539663	15542233	27.773	60.964 #
31)	L7 AR-1260-1	6.180f	5.207	2376947	33254550	11.610	168.127 #
32)	L7 AR-1260-2	6.397	5.396	8554845	33236862	35.415	139.222 #
33)	L7 AR-1260-3	6.760	5.543	1792426	11303275	11.136	50.042 #
34)	L7 AR-1260-4	6.980	6.002	2496013	1453511	13.529	8.448 #
35)	L7 AR-1260-5	7.292	6.248	4194906	2973651	11.804	7.451 #
36)	L8 AR-1262-1	6.760	5.807	1792426	1370007	6.859	12.514 #
37)	L8 AR-1262-2	7.292	6.002	4194906	1453511	9.862	5.884 #
38)	L8 AR-1262-3	7.568	6.553	1377017	1517902	4.806	7.492 #
39)	L8 AR-1262-4	7.653	6.586	248428	2528217	1.083	6.785 #
40)	L8 AR-1262-5	8.153	7.081	633080	1000470	4.444	5.533
41)	L9 AR-1268-1	7.568	6.553	1377017	1517902	2.785	2.645

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 Sample : 05489-04
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 ALS Vial : 13 Sample Multiplier: 1

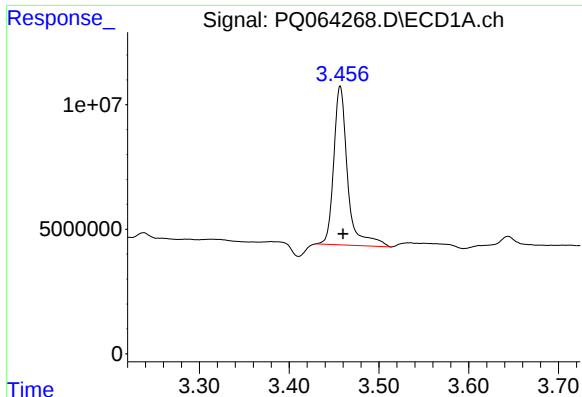
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 00:43:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
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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
42) L9	AR-1268-2	7.653	6.586	248428	2528217	0.555	4.870 #
43) L9	AR-1268-3	7.824	6.793	1368920	1856289	3.509	4.003
44) L9	AR-1268-4	8.153	7.081	633080	1000470	4.050	5.122 #
45) L9	AR-1268-5	8.443	7.354	2183258	1502543	1.936	0.982 #

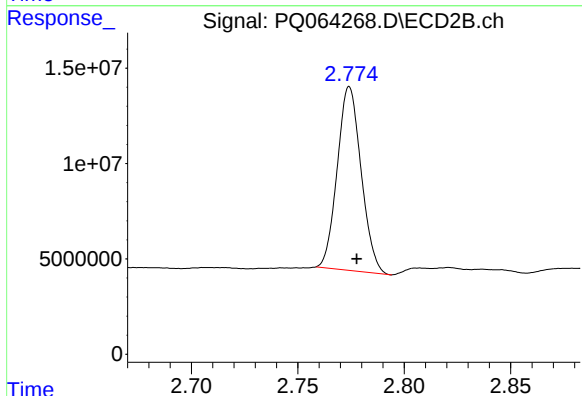
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

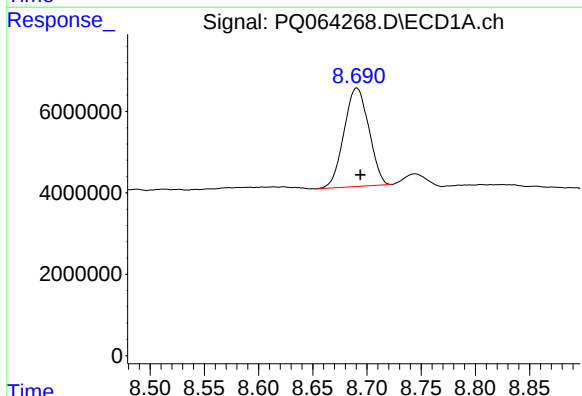
R.T.: 3.457 min
Delta R.T.: -0.003 min
Response: 68465389
Conc: 16.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



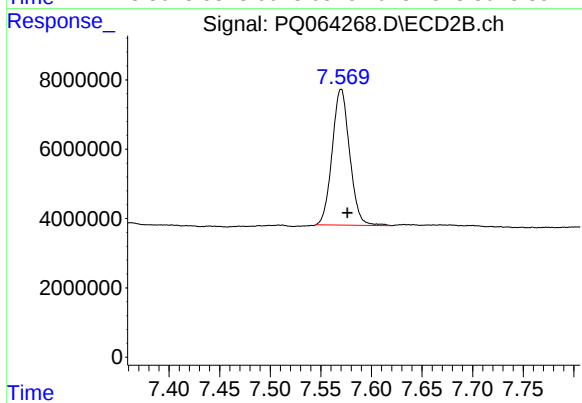
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.003 min
Response: 75342379
Conc: 20.49 ng/ml



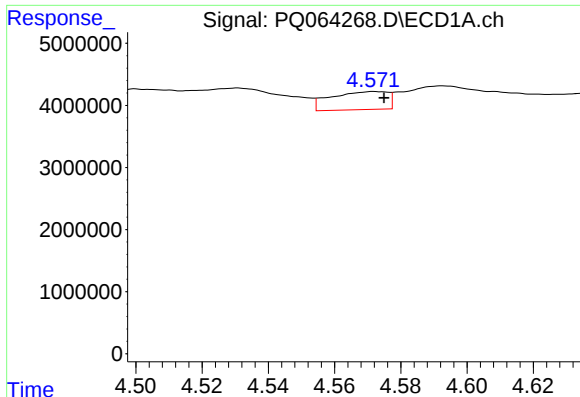
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 38523183
Conc: 11.93 ng/ml



#2 Decachlorobiphenyl

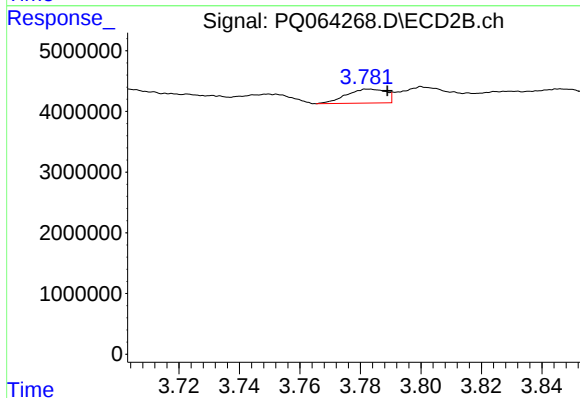
R.T.: 7.570 min
Delta R.T.: -0.006 min
Response: 47145239
Conc: 10.06 ng/ml



#3 AR-1016-1

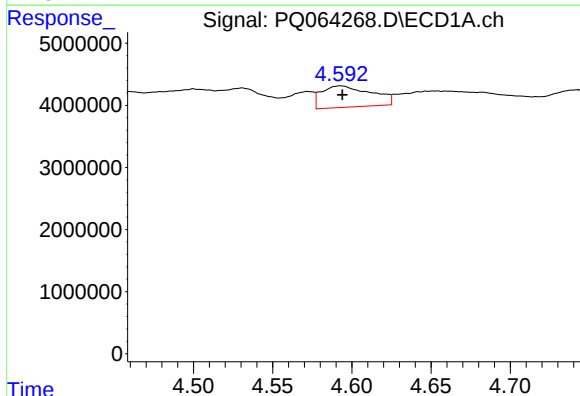
R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 3482753
Conc: 25.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



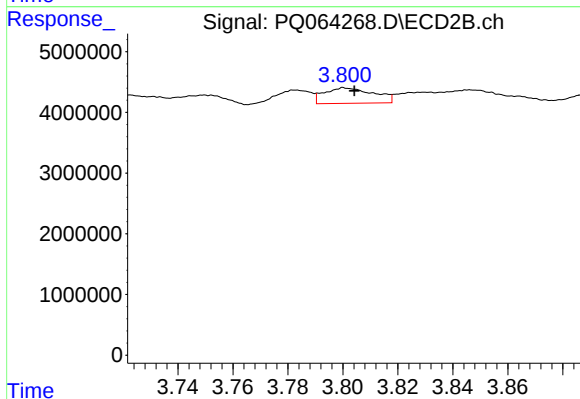
#3 AR-1016-1

R.T.: 3.783 min
Delta R.T.: -0.006 min
Response: 2073068
Conc: 16.46 ng/ml



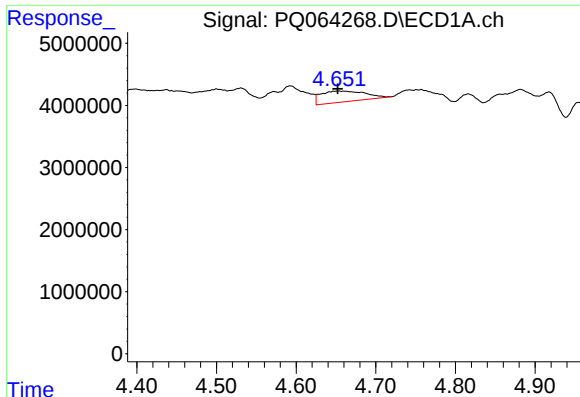
#4 AR-1016-2

R.T.: 4.593 min
Delta R.T.: -0.001 min
Response: 7531358
Conc: 35.66 ng/ml



#4 AR-1016-2

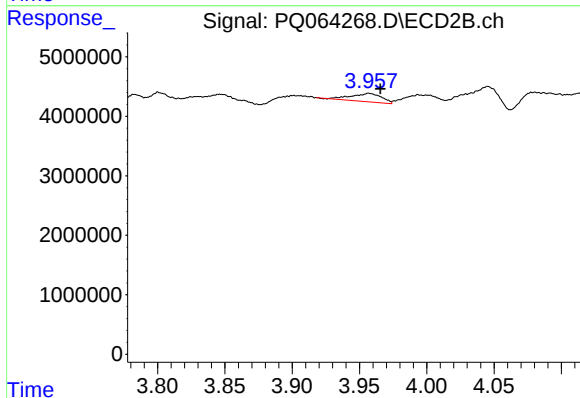
R.T.: 3.800 min
Delta R.T.: -0.004 min
Response: 3180416
Conc: 17.55 ng/ml



#5 AR-1016-3

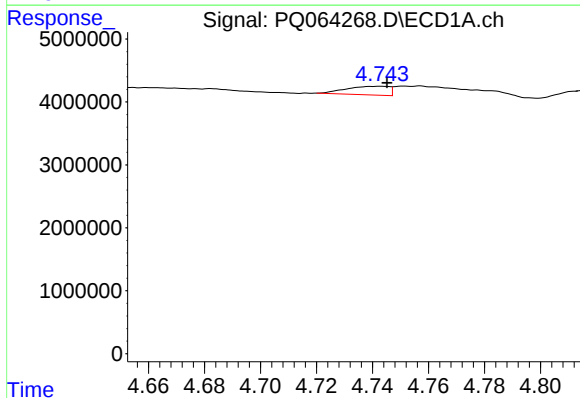
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 6716707
Conc: 50.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



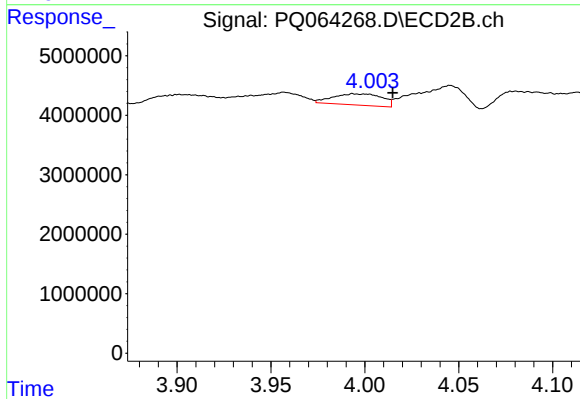
#5 AR-1016-3

R.T.: 3.957 min
Delta R.T.: -0.009 min
Response: 2207386
Conc: 22.65 ng/ml



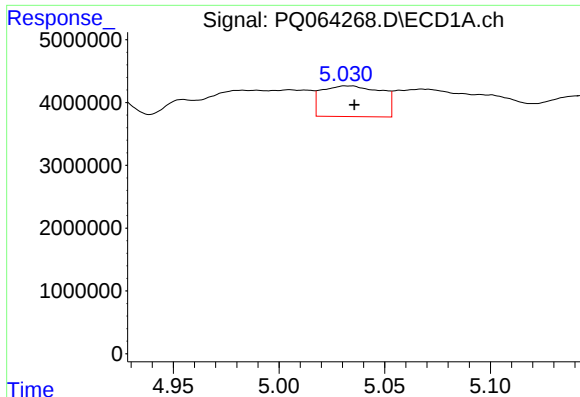
#6 AR-1016-4

R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 1472602
Conc: 14.01 ng/ml



#6 AR-1016-4

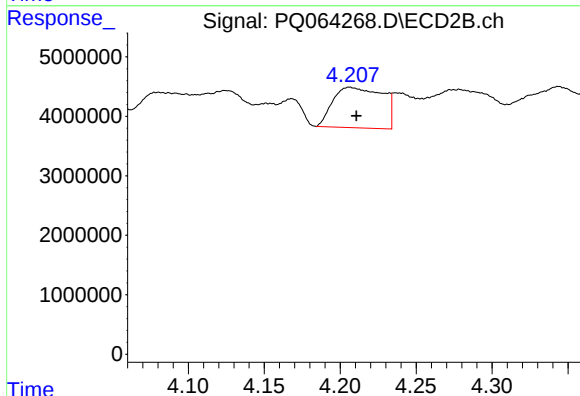
R.T.: 3.994 min
Delta R.T.: -0.021 min
Response: 3440577
Conc: 40.78 ng/ml



#7 AR-1016-5

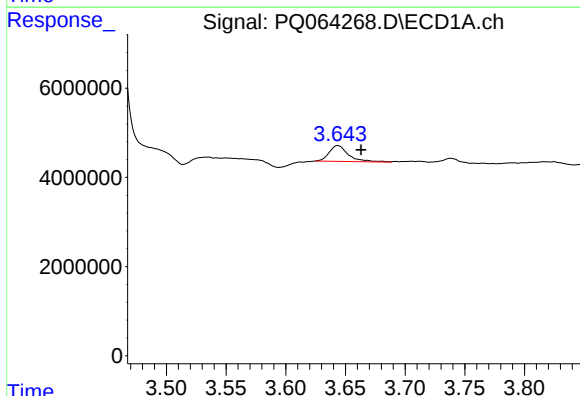
R.T.: 5.032 min
Delta R.T.: -0.004 min
Response: 9619476
Conc: 90.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



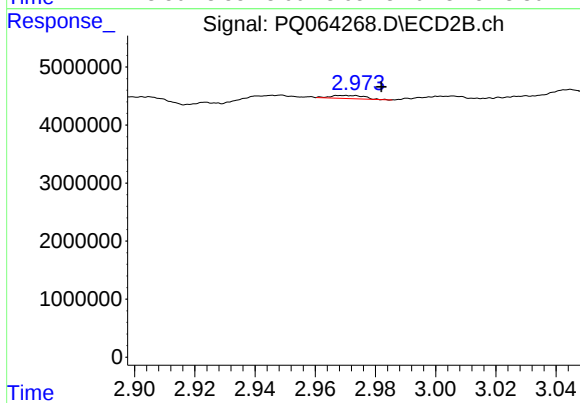
#7 AR-1016-5

R.T.: 4.206 min
Delta R.T.: -0.004 min
Response: 15480599
Conc: 154.79 ng/ml



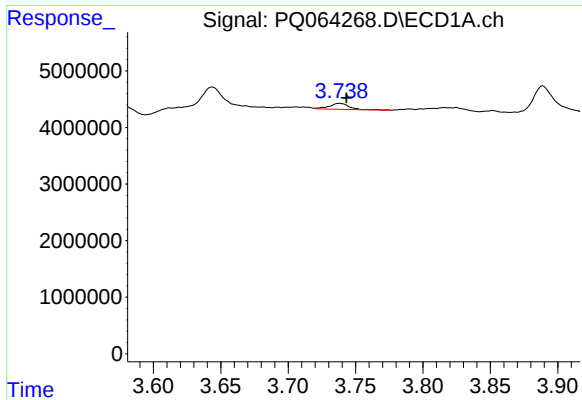
#8 AR-1221-1

R.T.: 3.644 min
Delta R.T.: -0.019 min
Response: 3975010
Conc: 73.46 ng/ml



#8 AR-1221-1

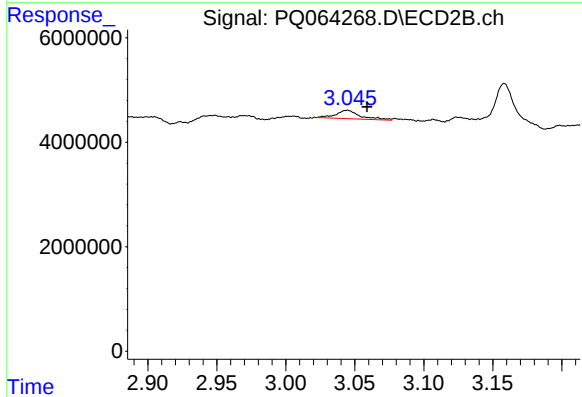
R.T.: 2.970 min
Delta R.T.: -0.012 min
Response: 420130
Conc: 8.15 ng/ml



#9 AR-1221-2

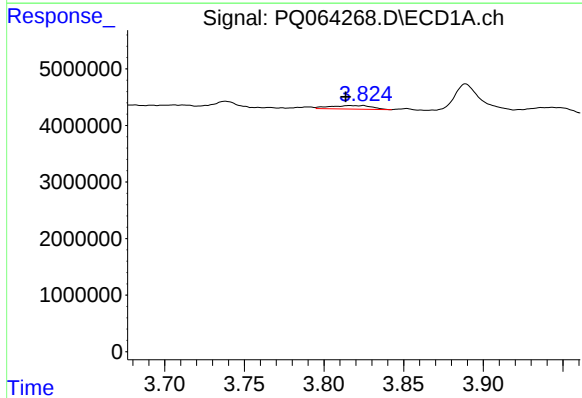
R.T.: 3.738 min
Delta R.T.: -0.005 min
Response: 1074785
Conc: 29.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



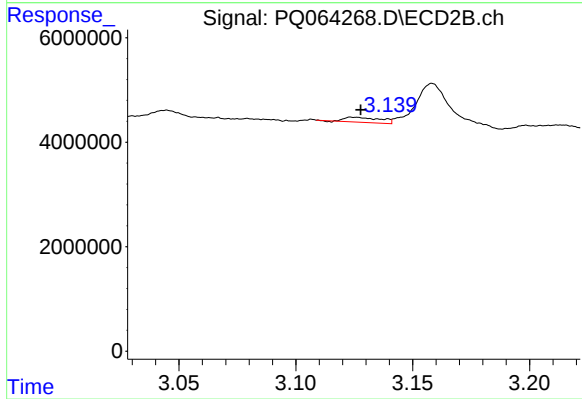
#9 AR-1221-2

R.T.: 3.045 min
Delta R.T.: -0.014 min
Response: 1980752
Conc: 56.81 ng/ml



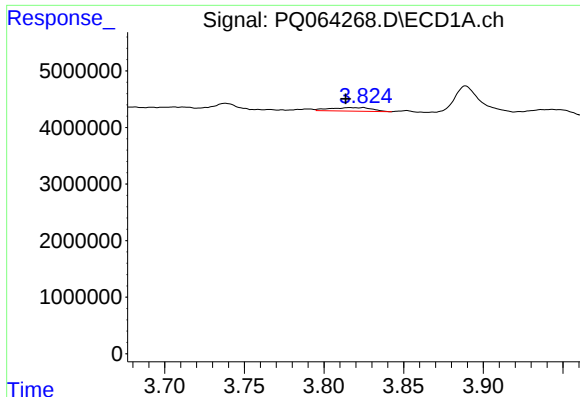
#10 AR-1221-3

R.T.: 3.824 min
Delta R.T.: 0.011 min
Response: 1165297
Conc: 9.81 ng/ml



#10 AR-1221-3

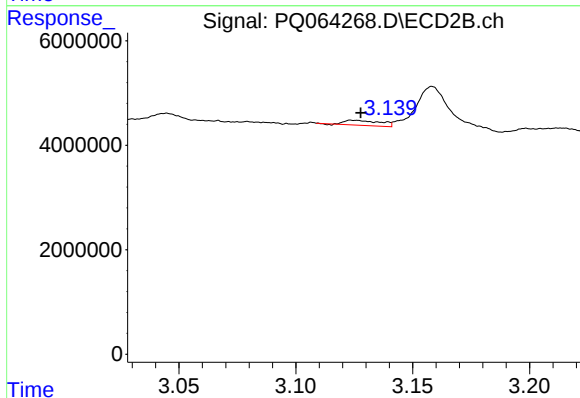
R.T.: 3.124 min
Delta R.T.: -0.004 min
Response: 1035905
Conc: 9.39 ng/ml



#11 AR-1232-1

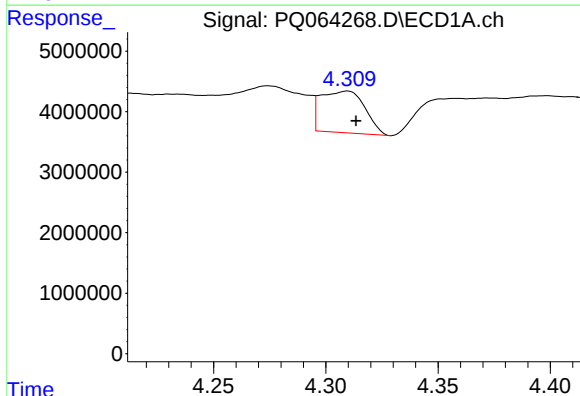
R.T.: 3.824 min
Delta R.T.: 0.011 min
Response: 1165297
Conc: 12.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



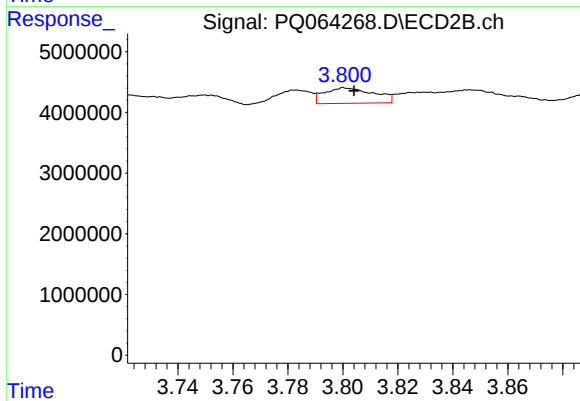
#11 AR-1232-1

R.T.: 3.124 min
Delta R.T.: -0.004 min
Response: 1035905
Conc: 11.96 ng/ml



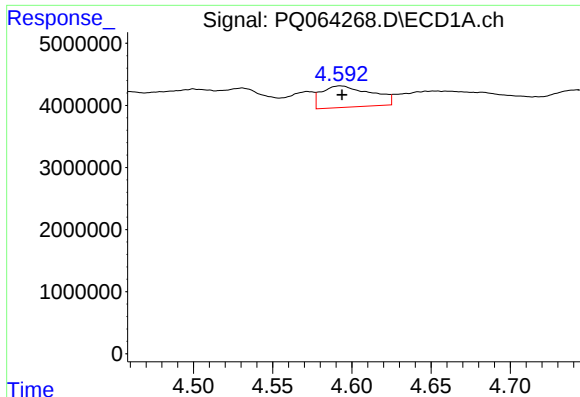
#12 AR-1232-2

R.T.: 4.310 min
Delta R.T.: -0.004 min
Response: 9403932
Conc: 179.06 ng/ml



#12 AR-1232-2

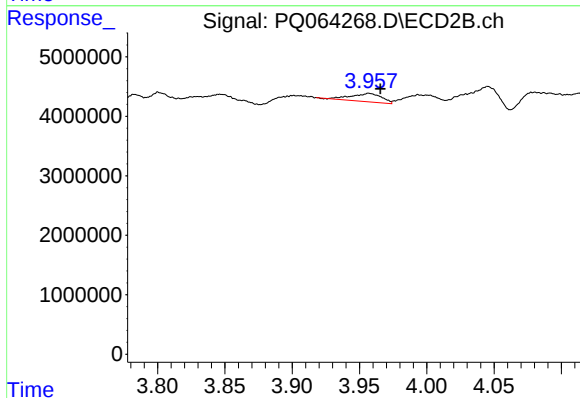
R.T.: 3.800 min
Delta R.T.: -0.004 min
Response: 3180416
Conc: 39.98 ng/ml



#13 AR-1232-3

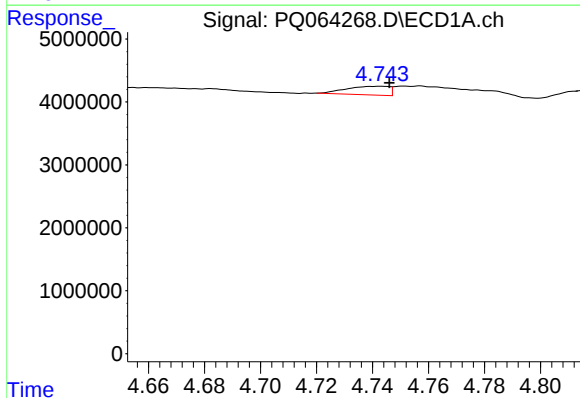
R.T.: 4.593 min
Delta R.T.: -0.001 min
Response: 7531358
Conc: 83.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



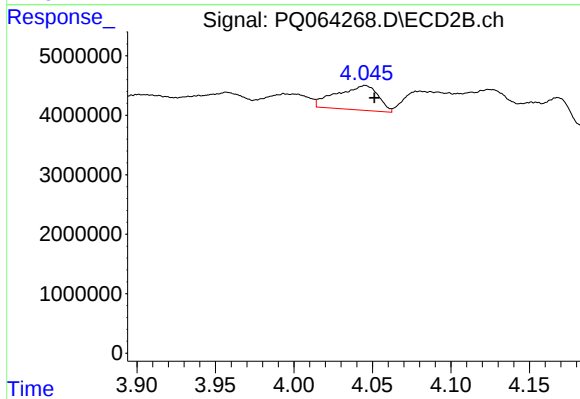
#13 AR-1232-3

R.T.: 3.957 min
Delta R.T.: -0.009 min
Response: 2207386
Conc: 53.32 ng/ml



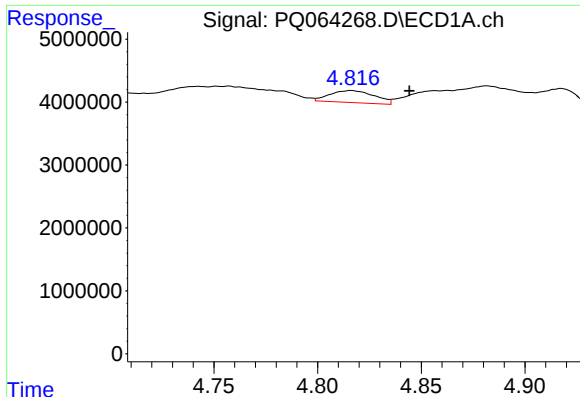
#14 AR-1232-4

R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 1472602
Conc: 33.68 ng/ml



#14 AR-1232-4

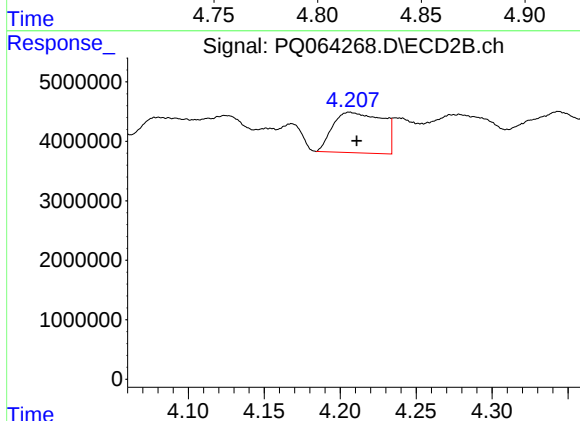
R.T.: 4.045 min
Delta R.T.: -0.006 min
Response: 7593671
Conc: 209.10 ng/ml



#15 AR-1232-5

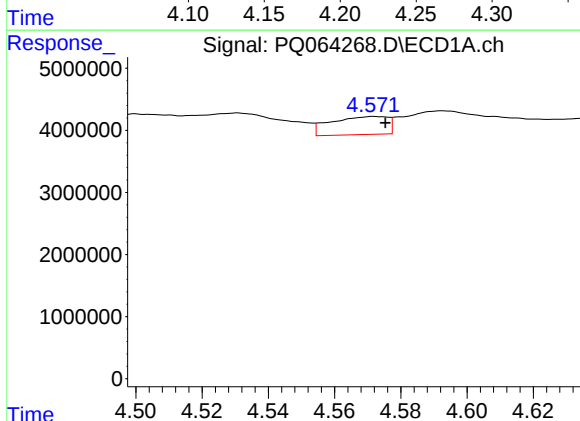
R.T.: 4.816 min
Delta R.T.: -0.028 min
Response: 2845900
Conc: 85.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



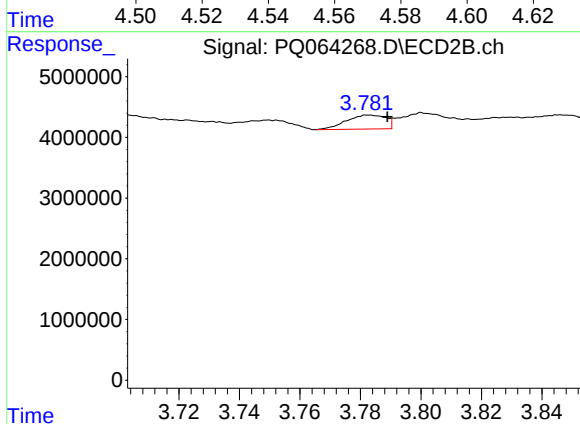
#15 AR-1232-5

R.T.: 4.206 min
Delta R.T.: -0.005 min
Response: 15480599
Conc: 368.43 ng/ml



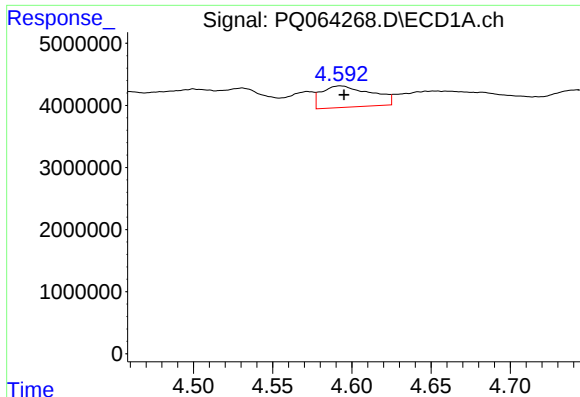
#16 AR-1242-1

R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 3482753
Conc: 30.91 ng/ml



#16 AR-1242-1

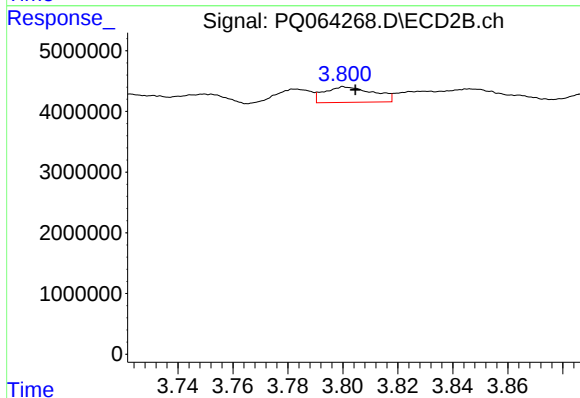
R.T.: 3.783 min
Delta R.T.: -0.006 min
Response: 2073068
Conc: 20.15 ng/ml



#17 AR-1242-2

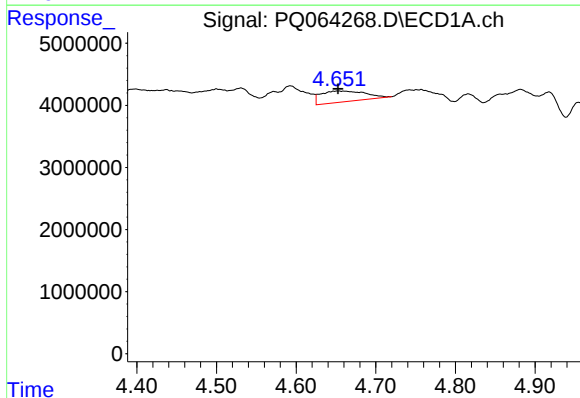
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 7531358
Conc: 44.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



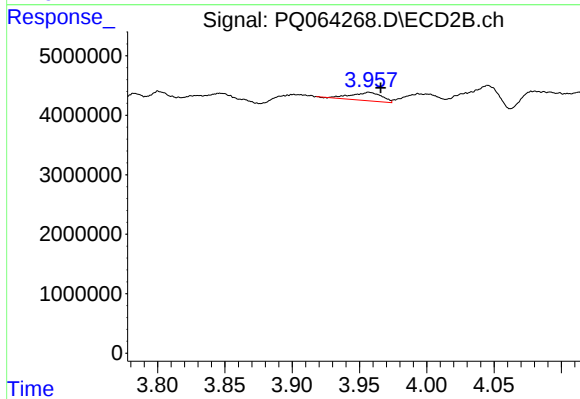
#17 AR-1242-2

R.T.: 3.800 min
Delta R.T.: -0.004 min
Response: 3180416
Conc: 21.55 ng/ml



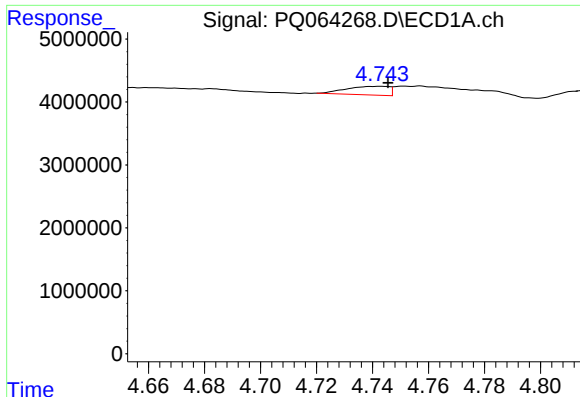
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 6716707
Conc: 63.64 ng/ml



#18 AR-1242-3

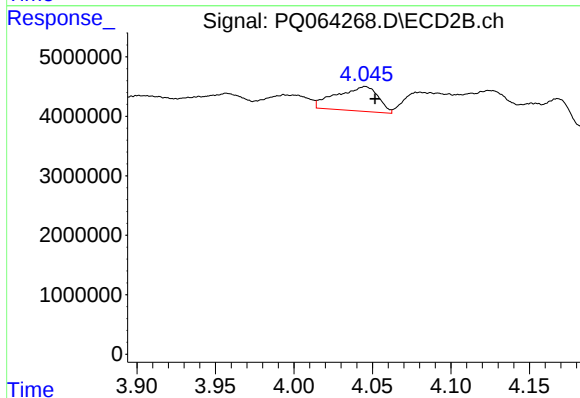
R.T.: 3.957 min
Delta R.T.: -0.009 min
Response: 2207386
Conc: 27.75 ng/ml



#19 AR-1242-4

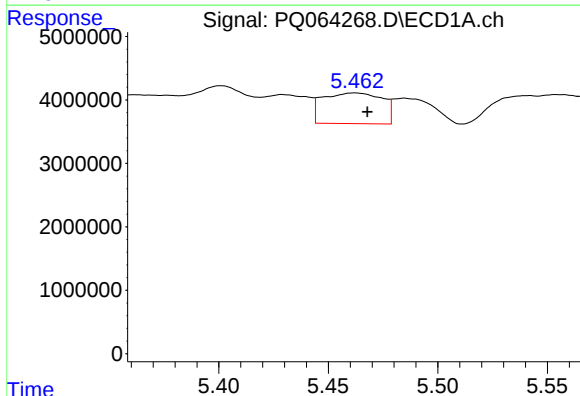
R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 1472602
Conc: 17.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



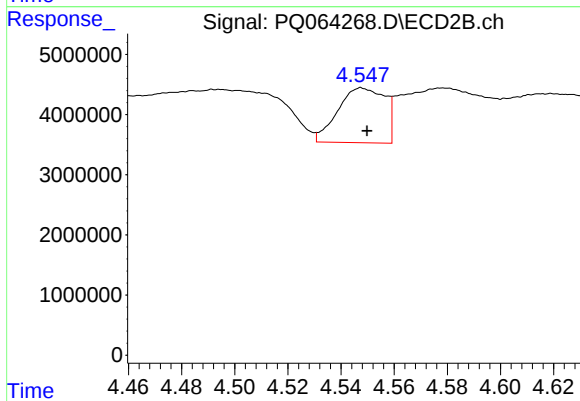
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.006 min
Response: 7593671
Conc: 100.07 ng/ml



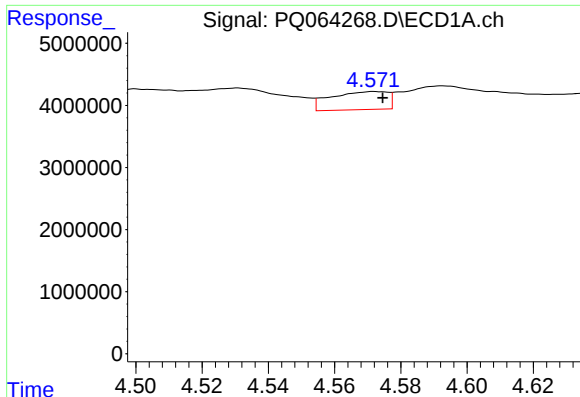
#20 AR-1242-5

R.T.: 5.462 min
Delta R.T.: -0.006 min
Response: 9132403
Conc: 103.28 ng/ml



#20 AR-1242-5

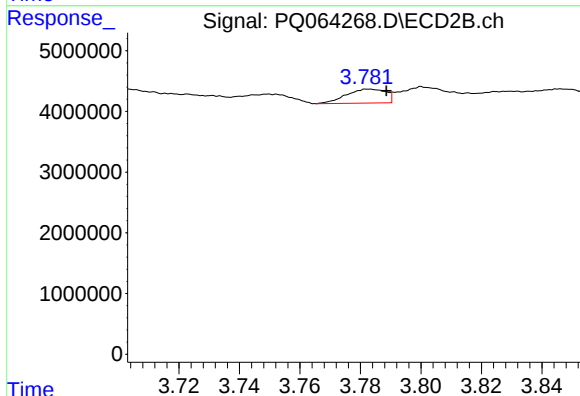
R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 11188800
Conc: 111.23 ng/ml



#21 AR-1248-1

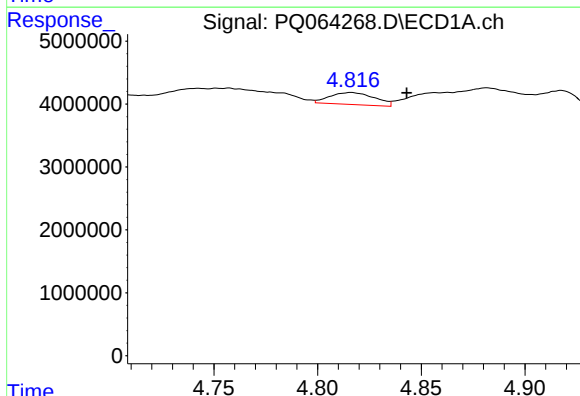
R.T.: 4.572 min
Delta R.T.: -0.002 min
Response: 3482753
Conc: 41.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



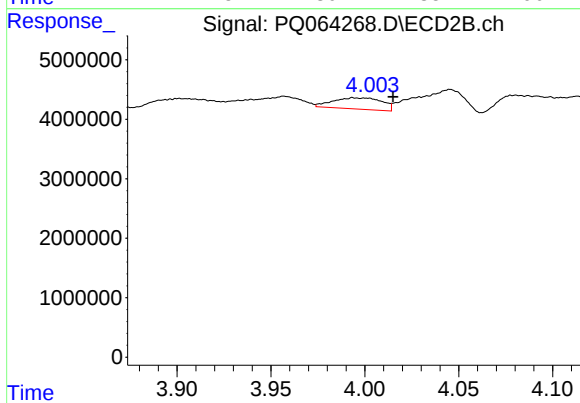
#21 AR-1248-1

R.T.: 3.783 min
Delta R.T.: -0.006 min
Response: 2073068
Conc: 26.59 ng/ml



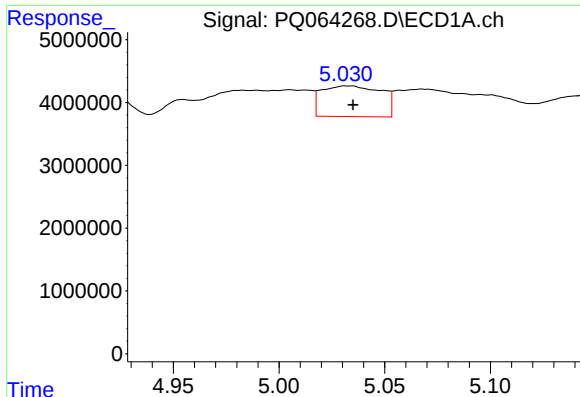
#22 AR-1248-2

R.T.: 4.816 min
Delta R.T.: -0.027 min
Response: 2845900
Conc: 23.45 ng/ml



#22 AR-1248-2

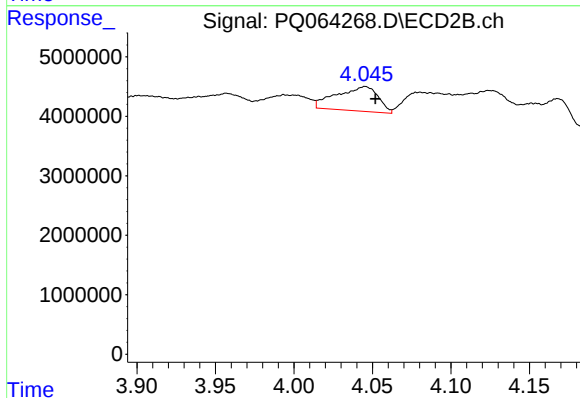
R.T.: 3.994 min
Delta R.T.: -0.021 min
Response: 3440577
Conc: 29.02 ng/ml



#23 AR-1248-3

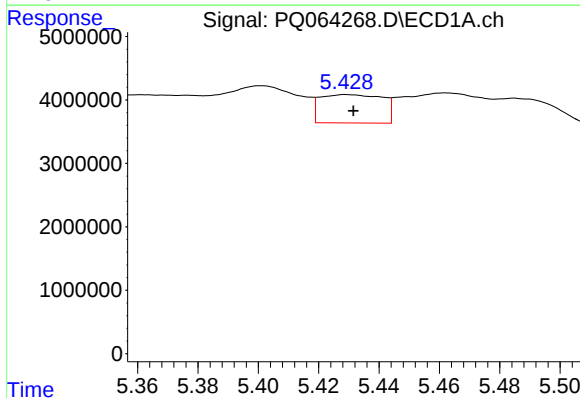
R.T.: 5.032 min
Delta R.T.: -0.003 min
Response: 9619476
Conc: 66.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



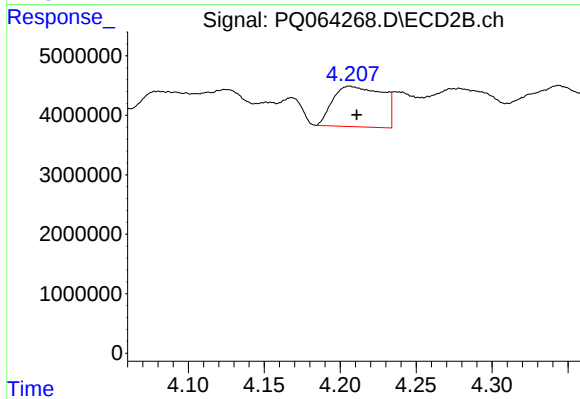
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: -0.006 min
Response: 7593671
Conc: 67.40 ng/ml



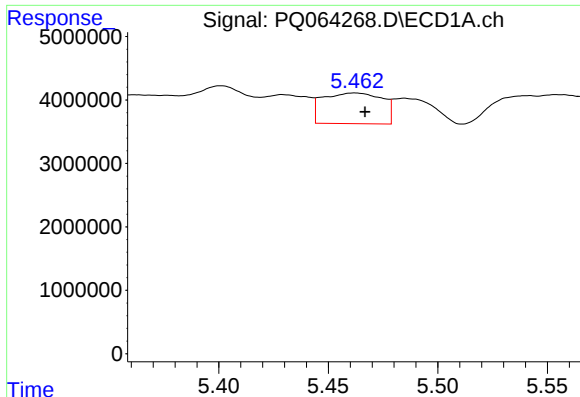
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 6409085
Conc: 41.36 ng/ml



#24 AR-1248-4

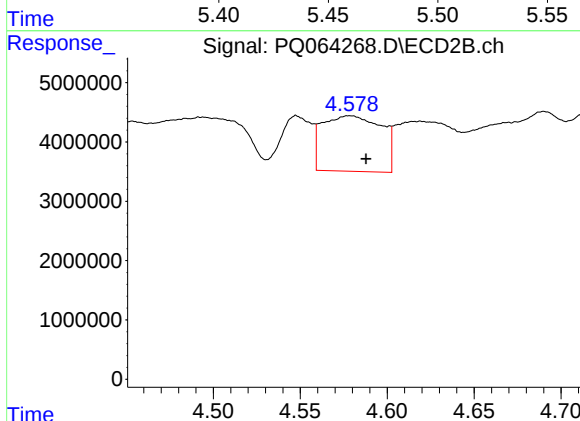
R.T.: 4.206 min
Delta R.T.: -0.005 min
Response: 15480599
Conc: 112.46 ng/ml



#25 AR-1248-5

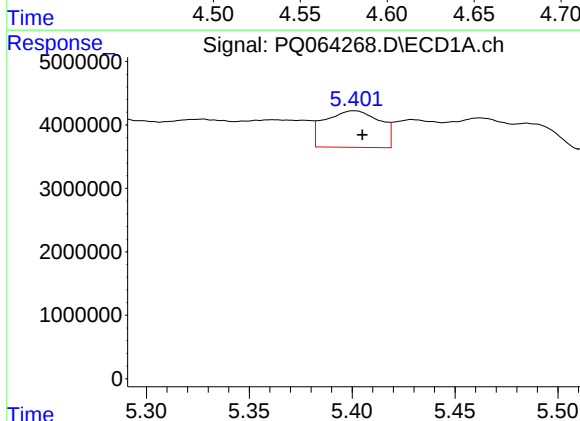
R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 9132403
Conc: 59.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



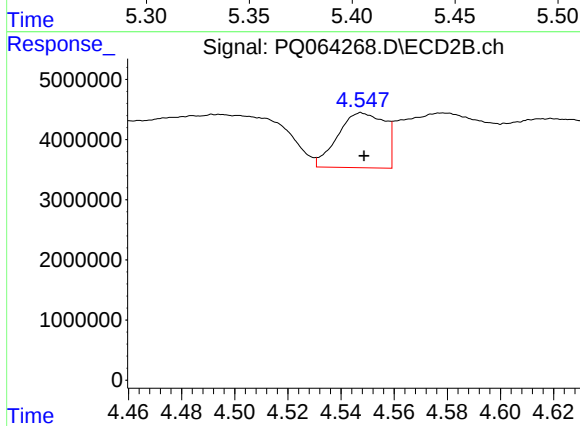
#25 AR-1248-5

R.T.: 4.578 min
Delta R.T.: -0.010 min
Response: 22143794
Conc: 164.92 ng/ml



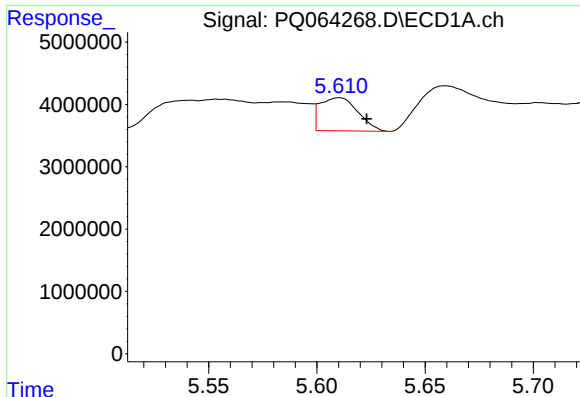
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: -0.004 min
Response: 10710517
Conc: 68.24 ng/ml



#26 AR-1254-1

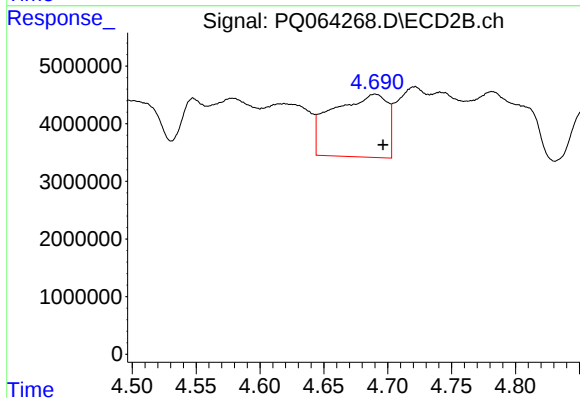
R.T.: 4.548 min
Delta R.T.: -0.001 min
Response: 11188800
Conc: 57.57 ng/ml



#27 AR-1254-2

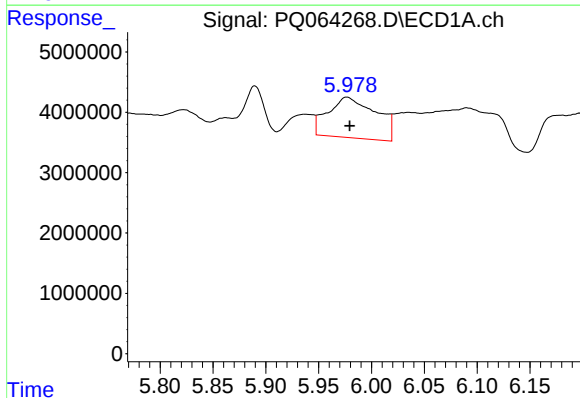
R.T.: 5.610 min
Delta R.T.: -0.013 min
Response: 6483920
Conc: 27.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



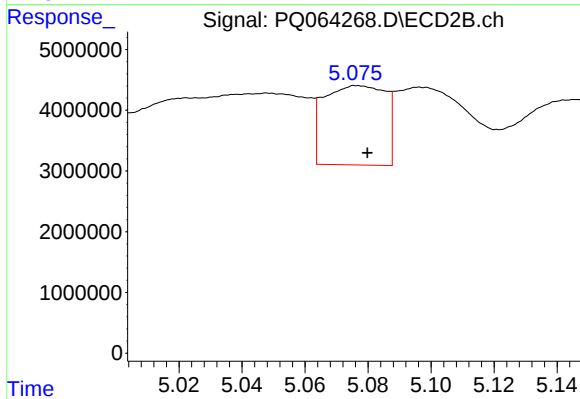
#27 AR-1254-2

R.T.: 4.690 min
Delta R.T.: -0.006 min
Response: 32438687
Conc: 186.21 ng/ml



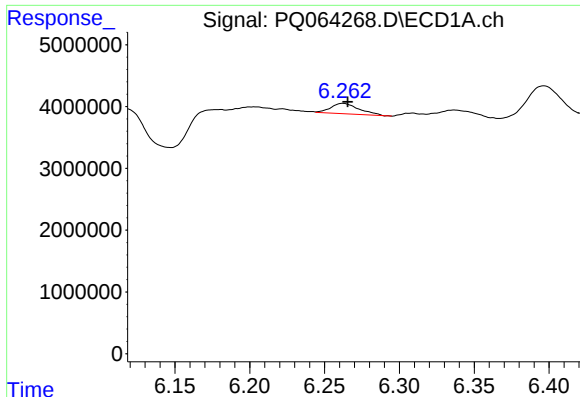
#28 AR-1254-3

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 21286508
Conc: 85.85 ng/ml



#28 AR-1254-3

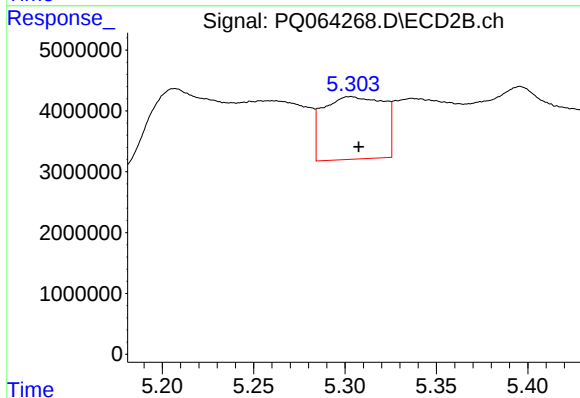
R.T.: 5.076 min
Delta R.T.: -0.003 min
Response: 17674701
Conc: 66.03 ng/ml



#29 AR-1254-4

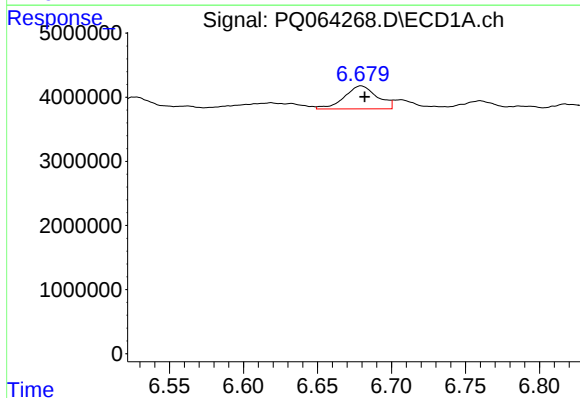
R.T.: 6.262 min
Delta R.T.: -0.003 min
Response: 2224988
Conc: 12.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



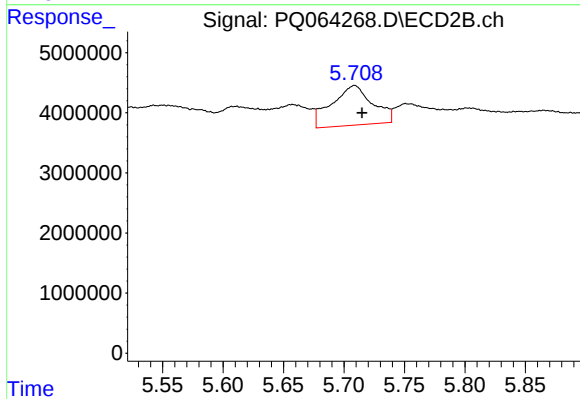
#29 AR-1254-4

R.T.: 5.303 min
Delta R.T.: -0.004 min
Response: 23713198
Conc: 135.17 ng/ml



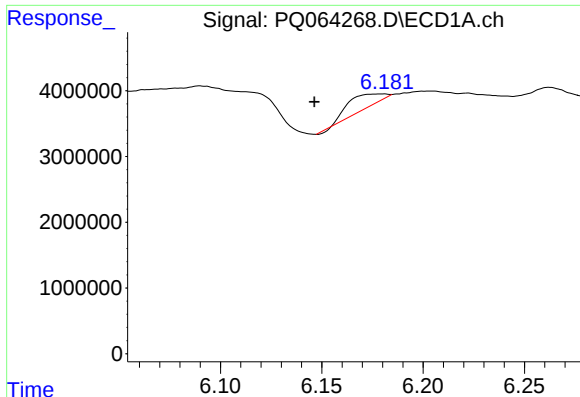
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: -0.002 min
Response: 5539663
Conc: 27.77 ng/ml



#30 AR-1254-5

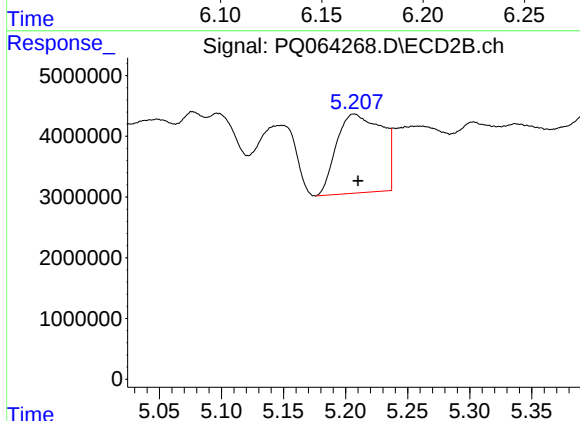
R.T.: 5.709 min
Delta R.T.: -0.006 min
Response: 15542233
Conc: 60.96 ng/ml



#31 AR-1260-1

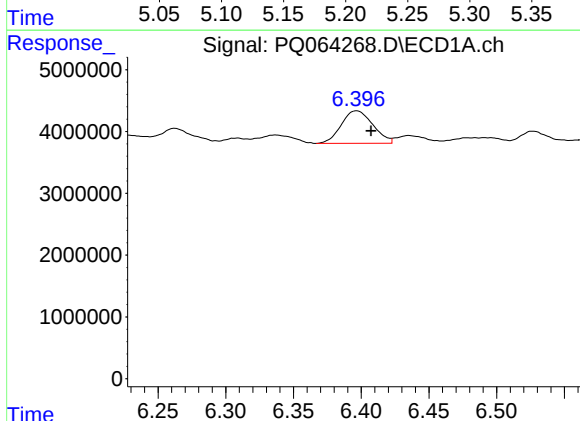
R.T.: 6.180 min
Delta R.T.: 0.034 min
Response: 2376947
Conc: 11.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



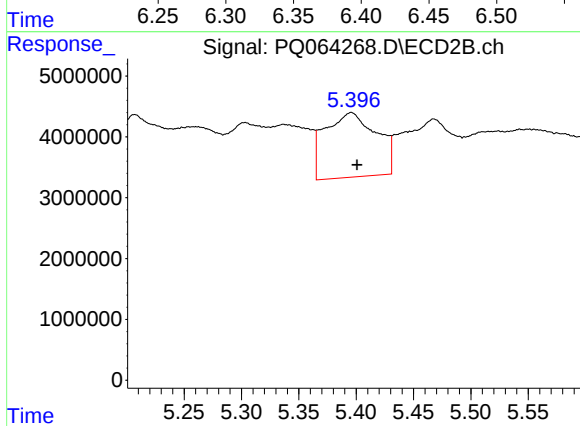
#31 AR-1260-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 33254550
Conc: 168.13 ng/ml



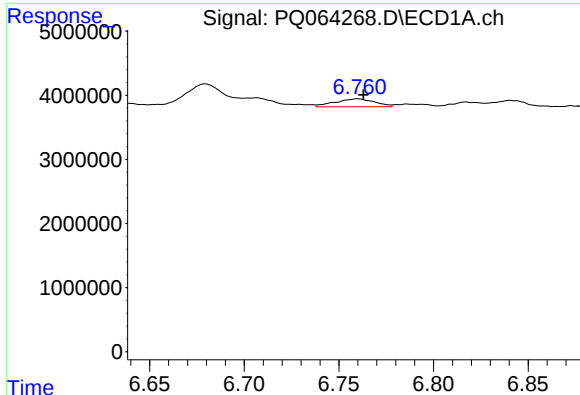
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: -0.011 min
Response: 8554845
Conc: 35.41 ng/ml



#32 AR-1260-2

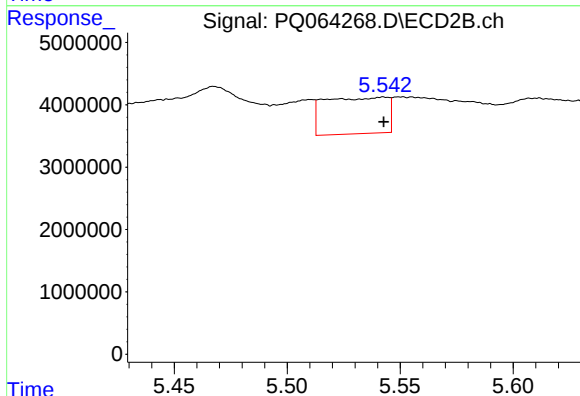
R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 33236862
Conc: 139.22 ng/ml



#33 AR-1260-3

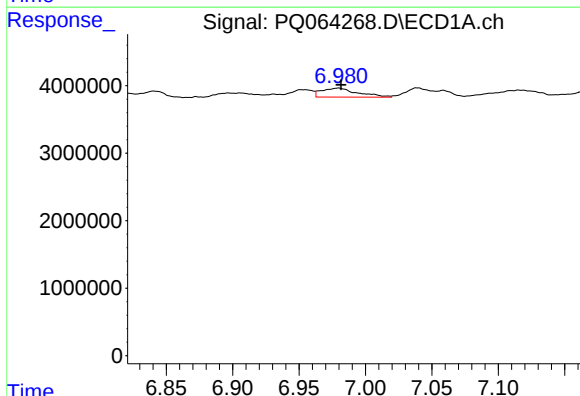
R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 1792426
Conc: 11.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



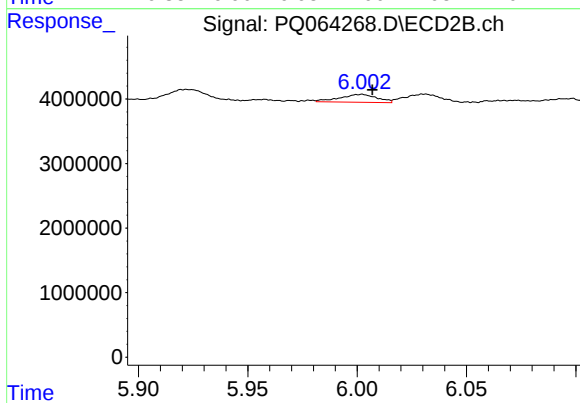
#33 AR-1260-3

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 11303275
Conc: 50.04 ng/ml



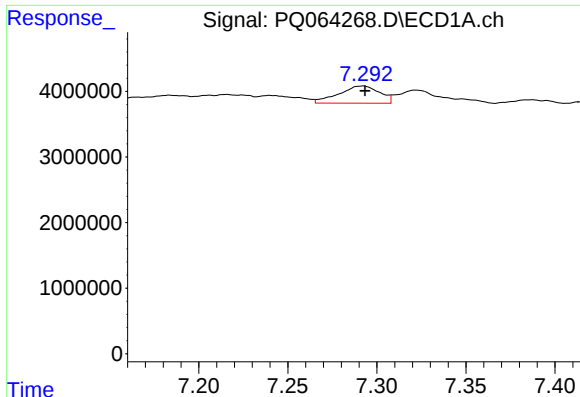
#34 AR-1260-4

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 2496013
Conc: 13.53 ng/ml



#34 AR-1260-4

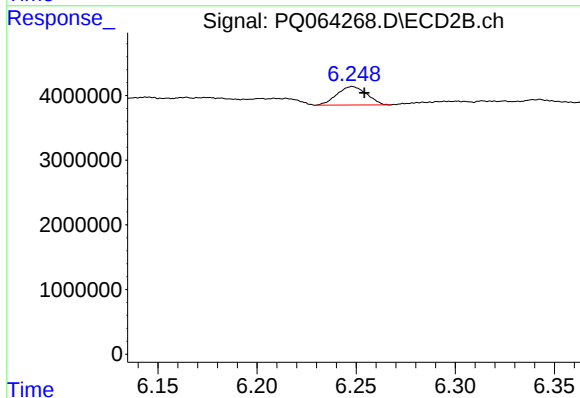
R.T.: 6.002 min
Delta R.T.: -0.005 min
Response: 1453511
Conc: 8.45 ng/ml



#35 AR-1260-5

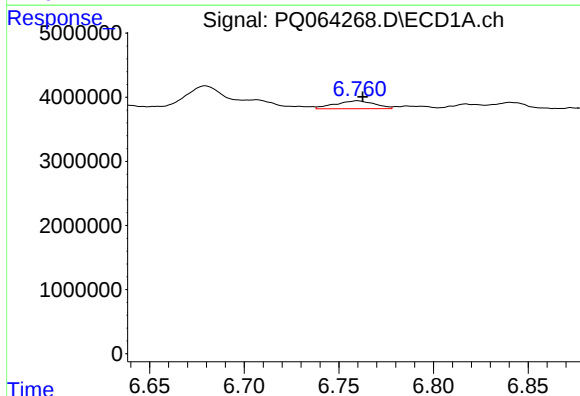
R.T.: 7.292 min
Delta R.T.: -0.001 min
Response: 4194906
Conc: 11.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



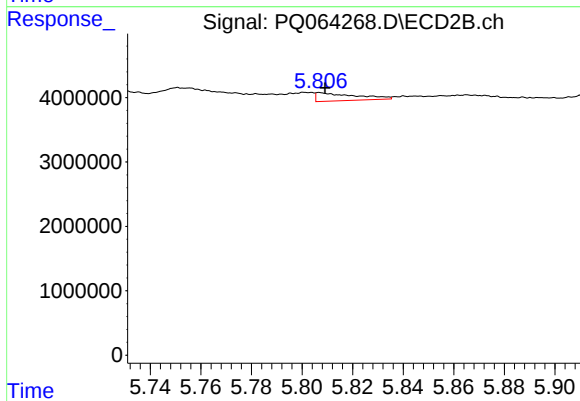
#35 AR-1260-5

R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 2973651
Conc: 7.45 ng/ml



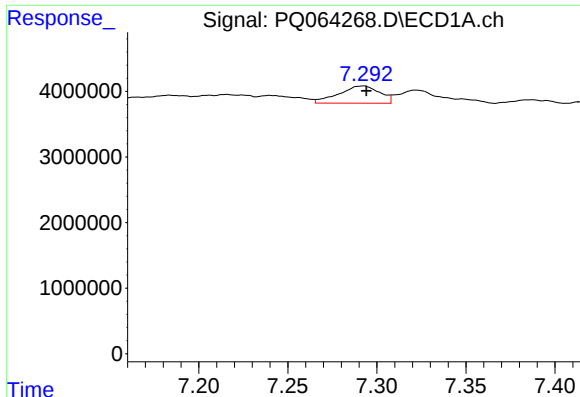
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 1792426
Conc: 6.86 ng/ml



#36 AR-1262-1

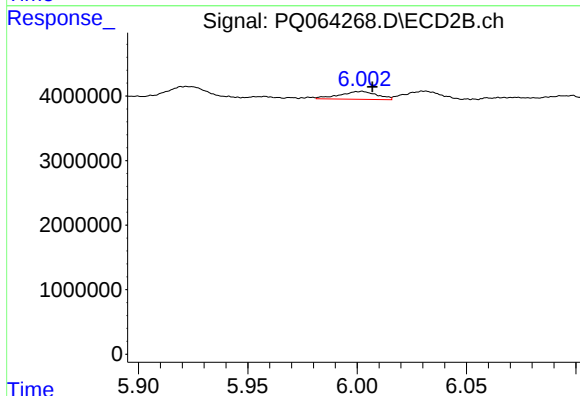
R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 1370007
Conc: 12.51 ng/ml



#37 AR-1262-2

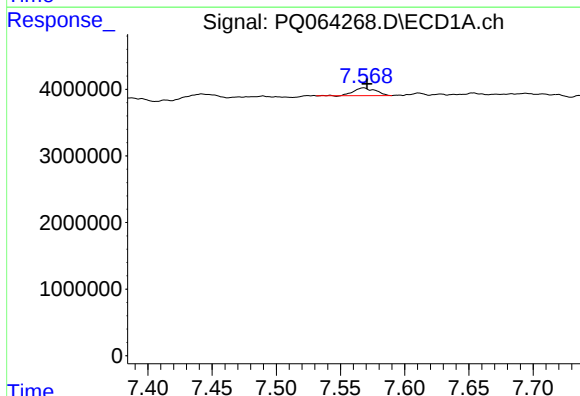
R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 4194906
Conc: 9.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



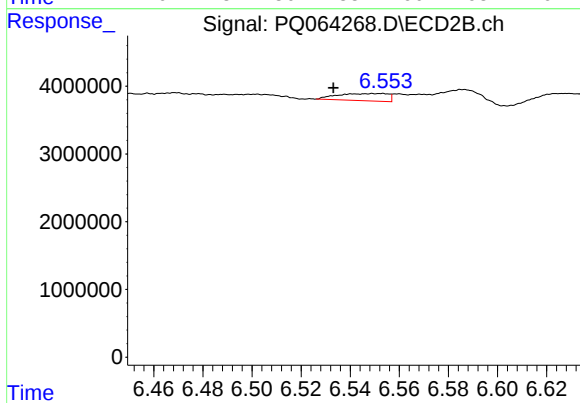
#37 AR-1262-2

R.T.: 6.002 min
Delta R.T.: -0.004 min
Response: 1453511
Conc: 5.88 ng/ml



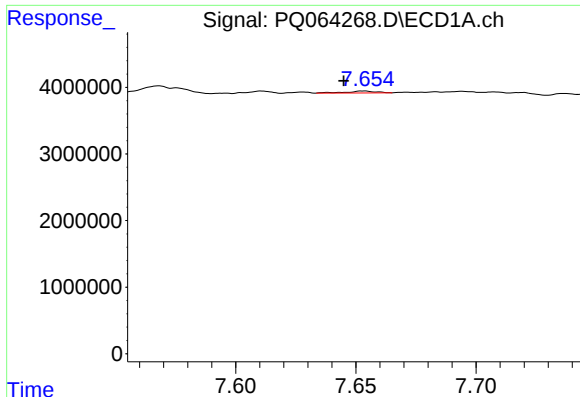
#38 AR-1262-3

R.T.: 7.568 min
Delta R.T.: -0.003 min
Response: 1377017
Conc: 4.81 ng/ml



#38 AR-1262-3

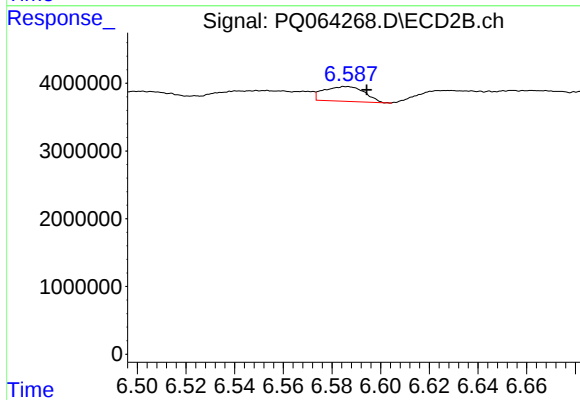
R.T.: 6.553 min
Delta R.T.: 0.020 min
Response: 1517902
Conc: 7.49 ng/ml



#39 AR-1262-4

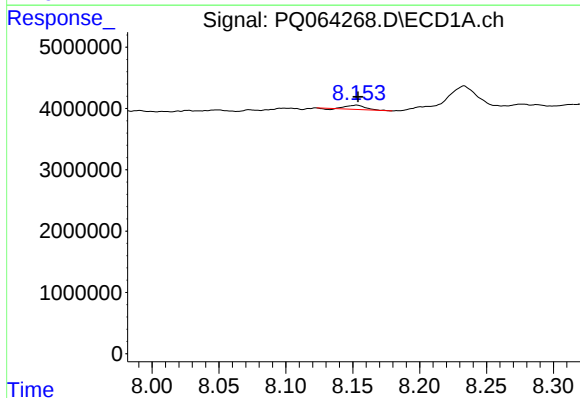
R.T.: 7.653 min
Delta R.T.: 0.008 min
Response: 248428
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



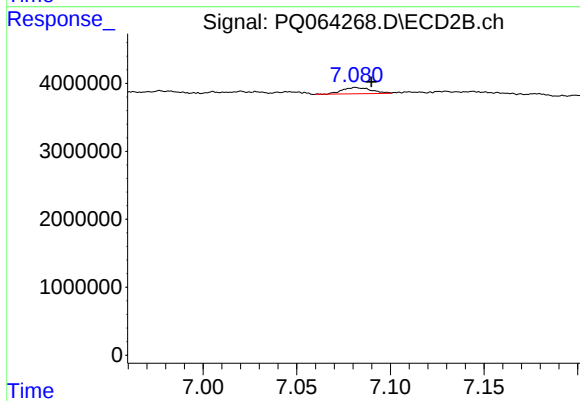
#39 AR-1262-4

R.T.: 6.586 min
Delta R.T.: -0.008 min
Response: 2528217
Conc: 6.78 ng/ml



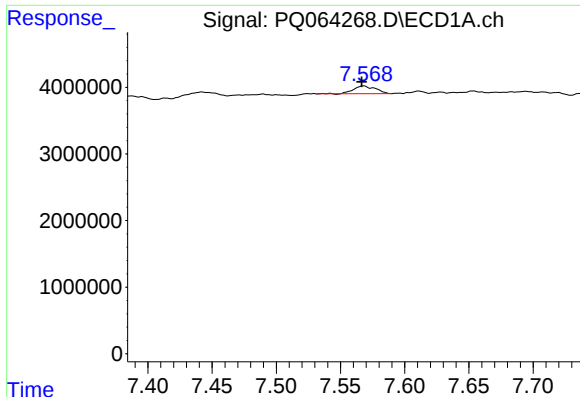
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 633080
Conc: 4.44 ng/ml



#40 AR-1262-5

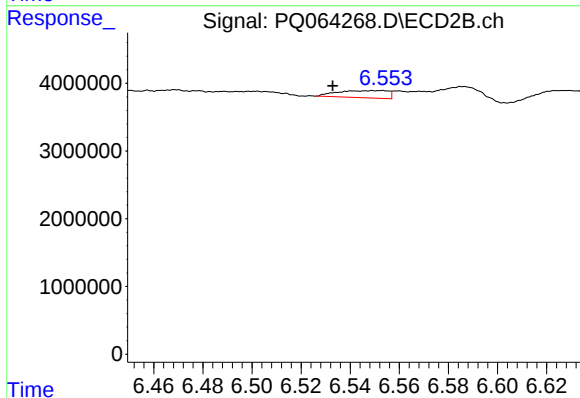
R.T.: 7.081 min
Delta R.T.: -0.009 min
Response: 1000470
Conc: 5.53 ng/ml



#41 AR-1268-1

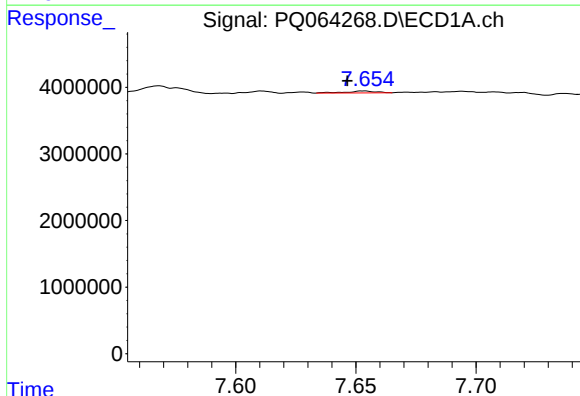
R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 1377017
Conc: 2.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



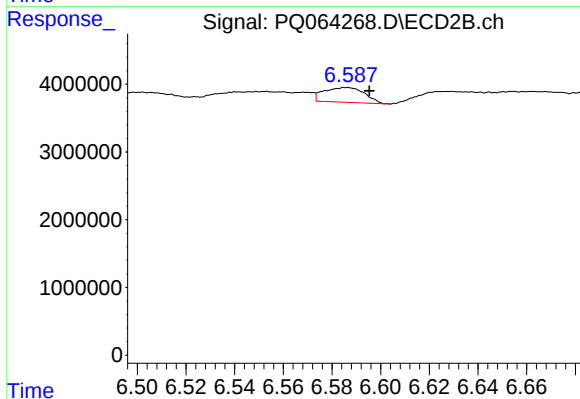
#41 AR-1268-1

R.T.: 6.553 min
Delta R.T.: 0.021 min
Response: 1517902
Conc: 2.65 ng/ml



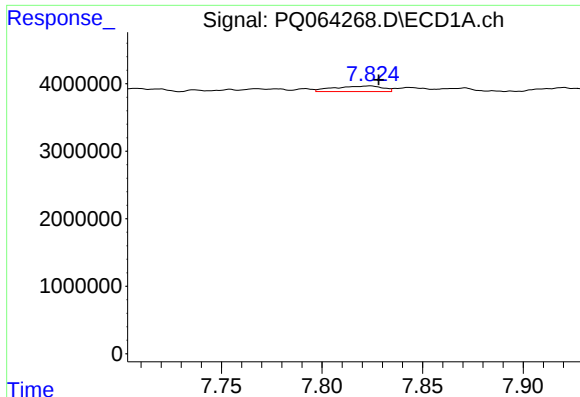
#42 AR-1268-2

R.T.: 7.653 min
Delta R.T.: 0.007 min
Response: 248428
Conc: 0.55 ng/ml



#42 AR-1268-2

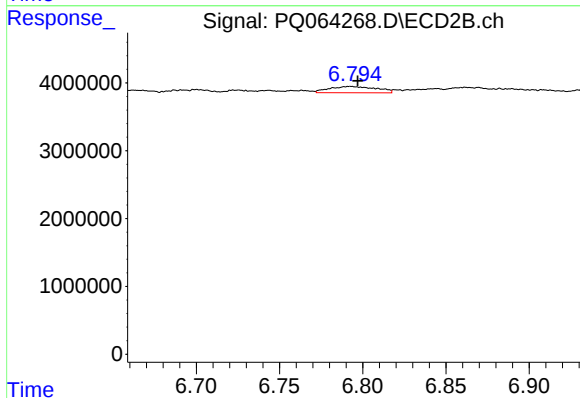
R.T.: 6.586 min
Delta R.T.: -0.010 min
Response: 2528217
Conc: 4.87 ng/ml



#43 AR-1268-3

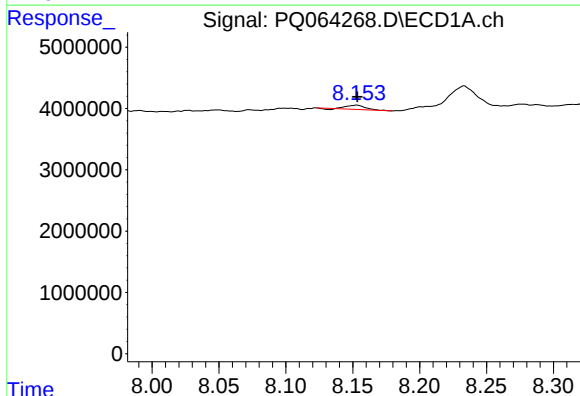
R.T.: 7.824 min
Delta R.T.: -0.004 min
Response: 1368920
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



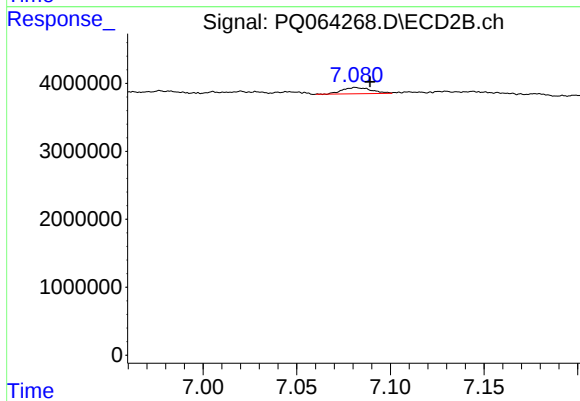
#43 AR-1268-3

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 1856289
Conc: 4.00 ng/ml



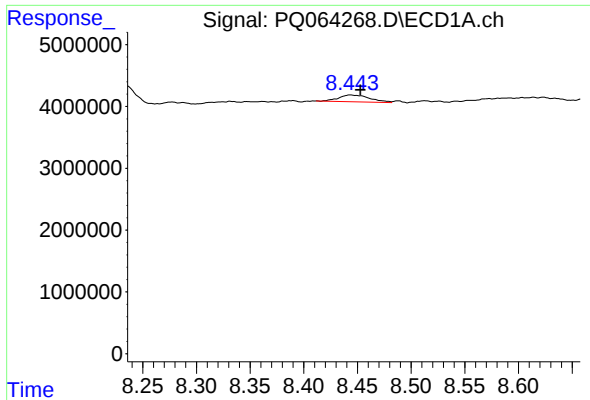
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 633080
Conc: 4.05 ng/ml



#44 AR-1268-4

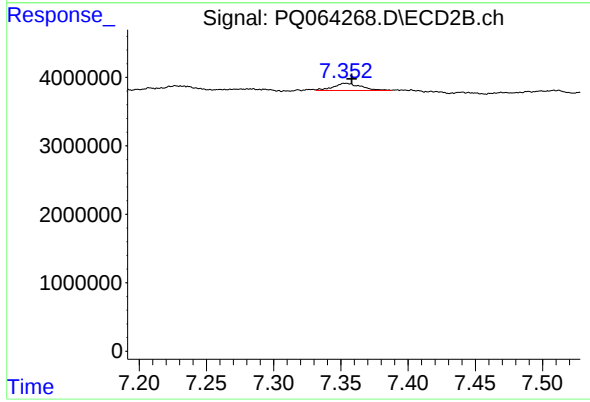
R.T.: 7.081 min
Delta R.T.: -0.008 min
Response: 1000470
Conc: 5.12 ng/ml



#45 AR-1268-5

R.T.: 8.443 min
Delta R.T.: -0.009 min
Response: 2183258
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.354 min
Delta R.T.: -0.004 min
Response: 1502543
Conc: 0.98 ng/ml