

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063391.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 22:30
 Operator : YP\AJ
 Sample : 04603-01 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:56:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.462	2.780	6954094	5063248	1.485	1.465
2) SA Decachlor...	8.696	7.578	5197833	7132416	1.487	1.984 #
Target Compounds						
3) L1 AR-1016-1	4.599	3.793	5057163	1585774	34.782	12.731 #
4) L1 AR-1016-2	4.599	3.807	5057163	2601950	21.645	14.638 #
5) L1 AR-1016-3	4.669	3.969	2108244	586439	14.672	6.078 #
6) L1 AR-1016-4	4.744	4.018	1460303	6839130	12.802	84.369 #
7) L1 AR-1016-5	5.038	4.214	5419867	5517610	46.123	54.812
8) L2 AR-1221-1	3.674	3.002	1077211	48527	18.828	1.043 #
9) L2 AR-1221-2	3.705f	3.062	806634	19600	21.337	0.634 #
10) L2 AR-1221-3	3.819	3.131	142949	88992	1.133	0.835 #
11) L3 AR-1232-1	3.819	3.131	142949	88992	1.373	1.024 #
12) L3 AR-1232-2	4.303	3.807	12910667	2601950	202.974	32.175 #
13) L3 AR-1232-3	4.599	3.969	5057163	586439	48.258	13.825 #
14) L3 AR-1232-4	4.744	4.053	1460303	4321692	29.386	117.861 #
15) L3 AR-1232-5	4.846	4.214	8830458	5517610	232.492	127.906 #
16) L4 AR-1242-1	4.599	3.793	5057163	1585774	38.348	14.533 #
17) L4 AR-1242-2	4.599	3.807	5057163	2601950	24.439	16.741 #
18) L4 AR-1242-3	4.669	3.969	2108244	586439	16.630	6.992 #
19) L4 AR-1242-4	4.744	4.053	1460303	4321692	14.158	53.930 #
20) L4 AR-1242-5	5.471	4.554	9291991	11429962	84.968	109.218 #
21) L5 AR-1248-1	4.599	3.793	5057163	1585774	51.462	19.761 #
22) L5 AR-1248-2	4.846	4.018	8830458	6839130	61.742	57.121
23) L5 AR-1248-3	5.038	4.053	5419867	4321692	31.506	37.695
24) L5 AR-1248-4	5.435	4.214	6001385	5517610	31.390	39.131
25) L5 AR-1248-5	5.471	4.591	9291991	5242552	49.947	37.940
26) L6 AR-1254-1	5.408	4.554	13881096	11429962	69.023	54.209
27) L6 AR-1254-2	5.625	4.700	16748754	10613003	54.932	57.342
28) L6 AR-1254-3	5.983	5.084	16937309	16189774	51.632	56.582
29) L6 AR-1254-4	6.269	5.311	12561927	6682024	51.864	36.093 #
30) L6 AR-1254-5	6.684	5.720	15019616	9699342	58.485	37.541 #
31) L7 AR-1260-1	6.149	5.215	6260796	7851281	26.028	38.883 #
32) L7 AR-1260-2	6.409	5.404	9256578	5129623	32.671	20.963 #
33) L7 AR-1260-3	6.764	5.543	2010908	5366527	9.892	22.694 #
34) L7 AR-1260-4	6.982	6.010	1147011	1978235	4.812	10.361 #
35) L7 AR-1260-5	7.294	6.259	8561682	3789585	19.124	8.653 #
36) L8 AR-1262-1	6.764	5.815	2010908	166989	6.459	1.587 #
37) L8 AR-1262-2	7.294	6.010	8561682	1978235	16.491	8.520 #
38) L8 AR-1262-3	7.577	6.532	8753346	586530	25.285	3.054 #
39) L8 AR-1262-4	7.644	6.596	6812393	1834101	25.024	5.245 #
40) L8 AR-1262-5	8.157	7.094	869259	281901	5.068	1.702 #
41) L9 AR-1268-1	7.577	6.532	8753346	586530	14.171	1.046 #

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Acq On : 26 Sep 2023 22:30
Operator : YP\AJ
Sample : 04603-01 10X
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ALS Vial : 28 Sample Multiplier: 1

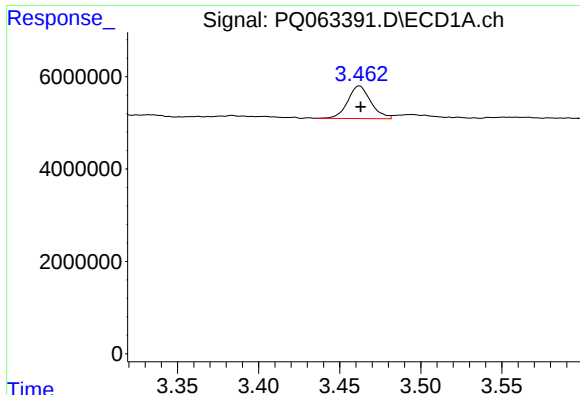
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 01:56:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 20 05:26:41 2023
Response via : Initial Calibration
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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	7.644	6.596	6812393	1834101	11.898	3.687 #
43)	L9 AR-1268-3	7.833	6.803	1672105	88767	3.429	0.208 #
44)	L9 AR-1268-4	8.157	7.094	869259	281901	4.518	1.522 #
45)	L9 AR-1268-5	8.449	7.362	799840	322525	0.560	0.245 #

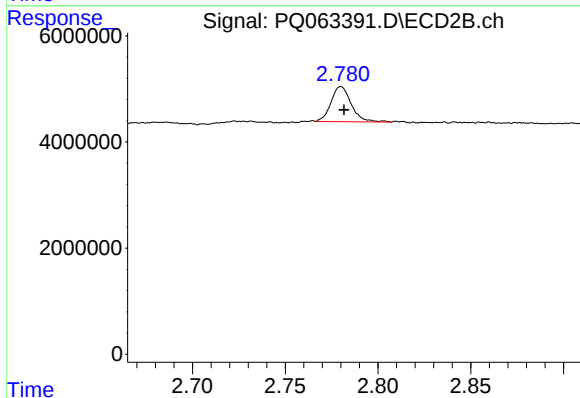
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

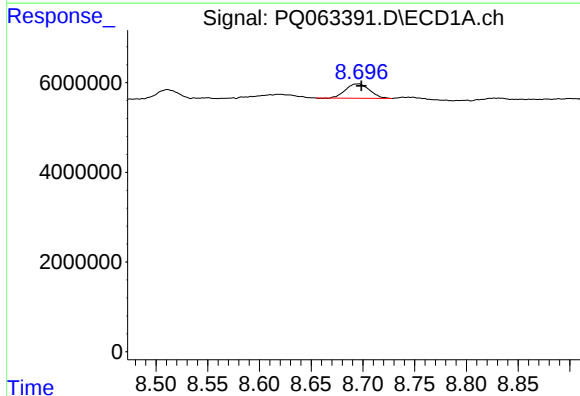
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 6954094
Conc: 1.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



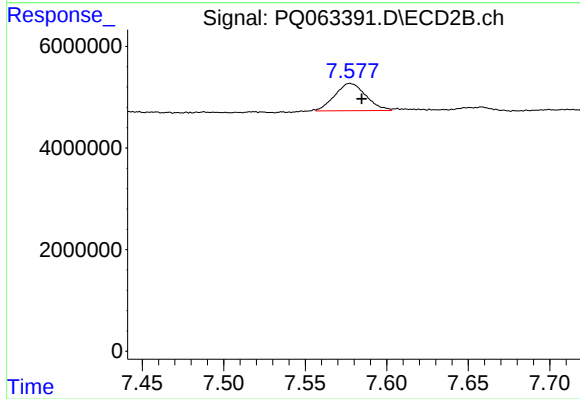
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.001 min
Response: 5063248
Conc: 1.47 ng/ml



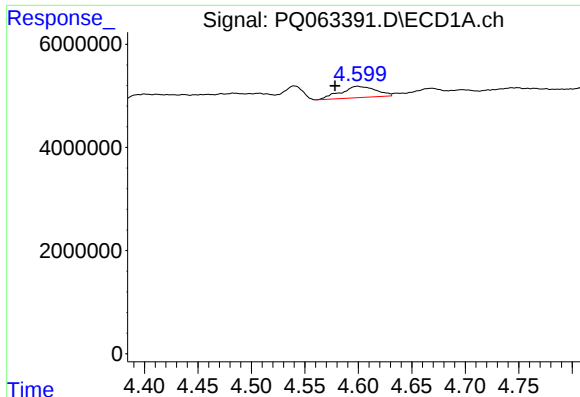
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 5197833
Conc: 1.49 ng/ml



#2 Decachlorobiphenyl

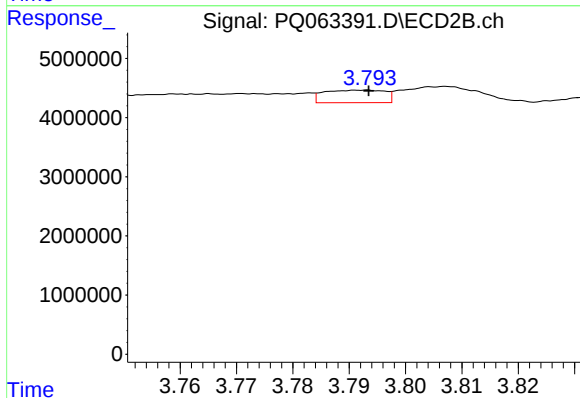
R.T.: 7.578 min
Delta R.T.: -0.007 min
Response: 7132416
Conc: 1.98 ng/ml



#3 AR-1016-1

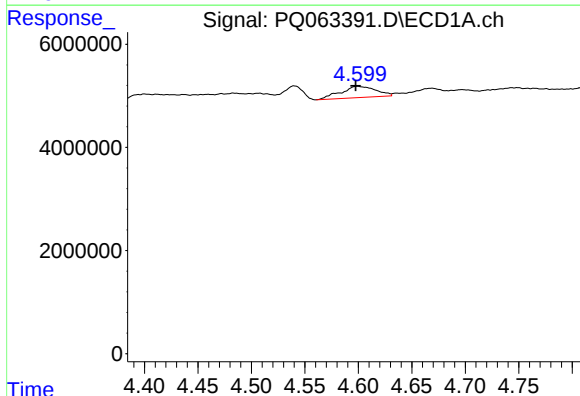
R.T.: 4.599 min
Delta R.T.: 0.021 min
Response: 5057163
Conc: 34.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



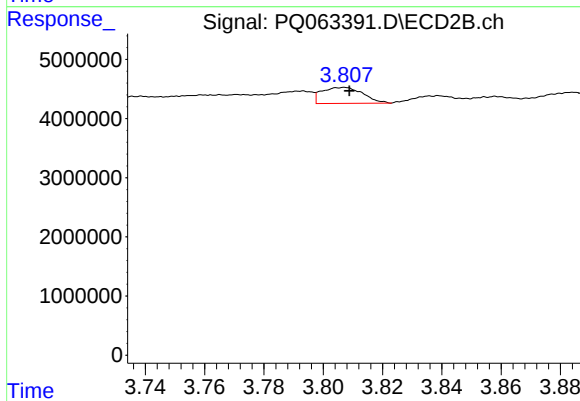
#3 AR-1016-1

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 1585774
Conc: 12.73 ng/ml



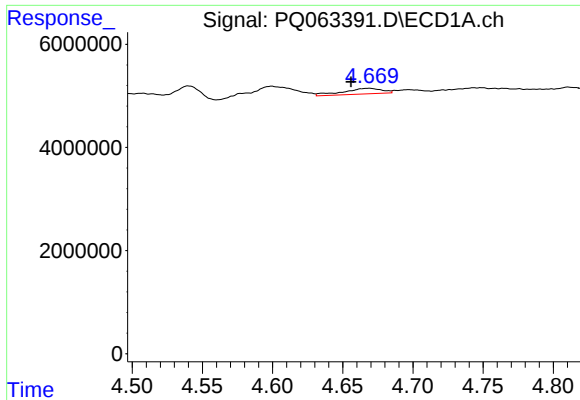
#4 AR-1016-2

R.T.: 4.599 min
Delta R.T.: 0.002 min
Response: 5057163
Conc: 21.65 ng/ml



#4 AR-1016-2

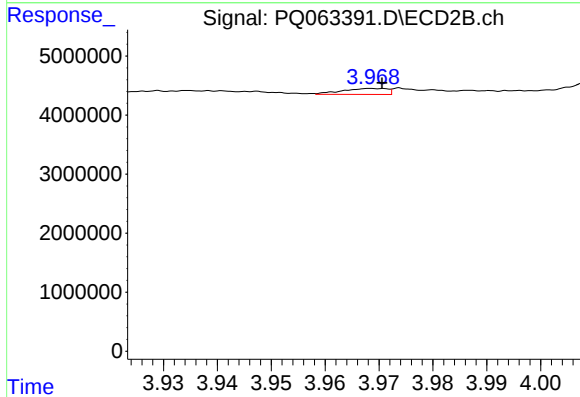
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 2601950
Conc: 14.64 ng/ml



#5 AR-1016-3

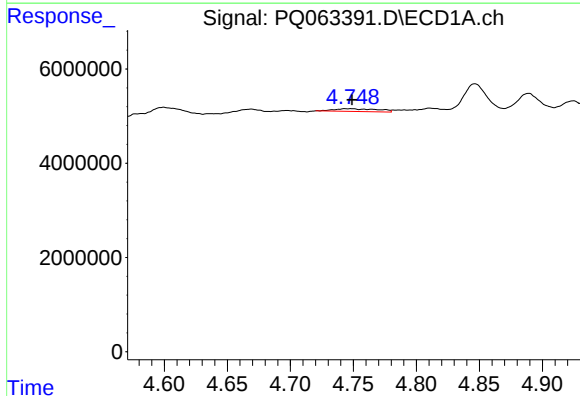
R.T.: 4.669 min
Delta R.T.: 0.013 min
Response: 2108244
Conc: 14.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



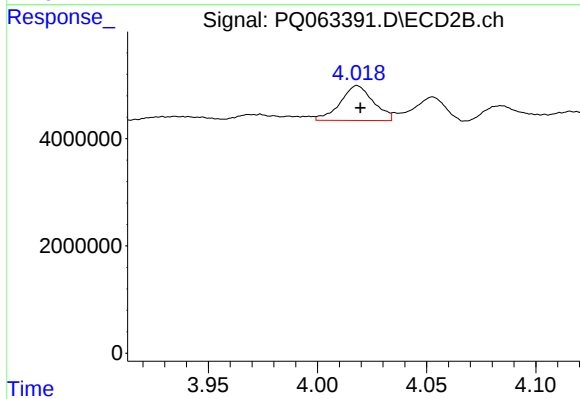
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 586439
Conc: 6.08 ng/ml



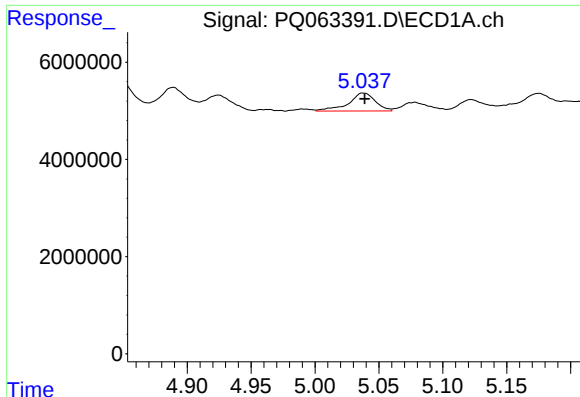
#6 AR-1016-4

R.T.: 4.744 min
Delta R.T.: -0.005 min
Response: 1460303
Conc: 12.80 ng/ml



#6 AR-1016-4

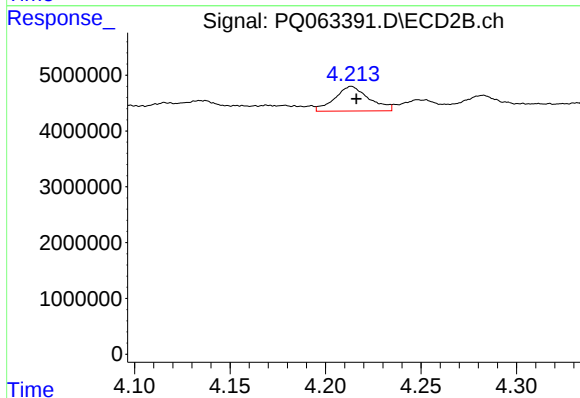
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 6839130
Conc: 84.37 ng/ml



#7 AR-1016-5

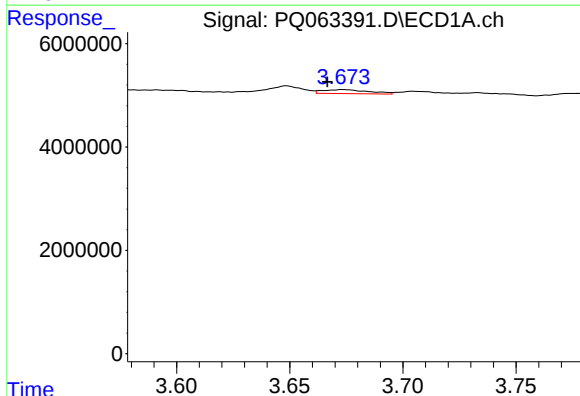
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 5419867
Conc: 46.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



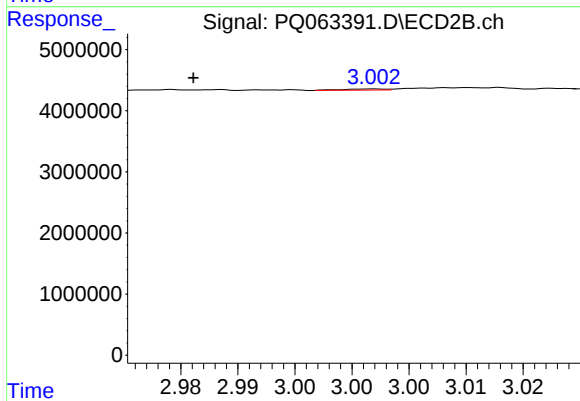
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.003 min
Response: 5517610
Conc: 54.81 ng/ml



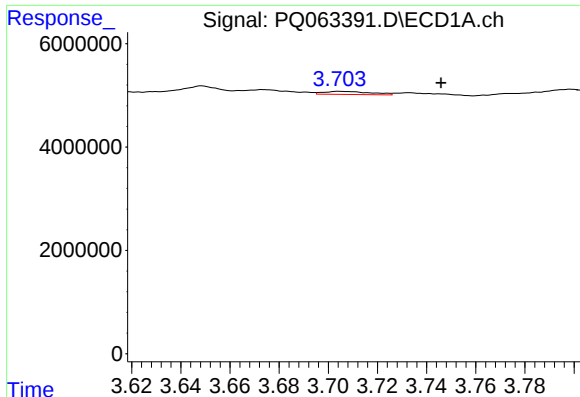
#8 AR-1221-1

R.T.: 3.674 min
Delta R.T.: 0.007 min
Response: 1077211
Conc: 18.83 ng/ml



#8 AR-1221-1

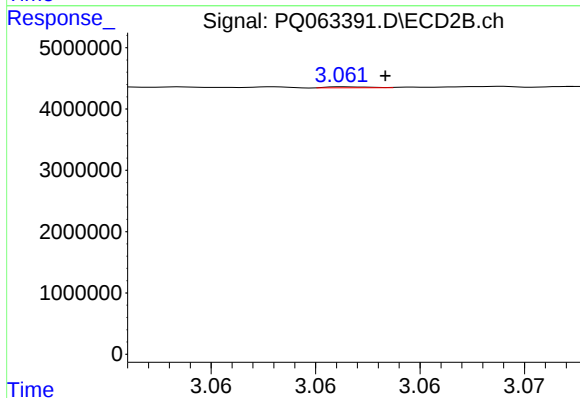
R.T.: 3.002 min
Delta R.T.: 0.016 min
Response: 48527
Conc: 1.04 ng/ml



#9 AR-1221-2

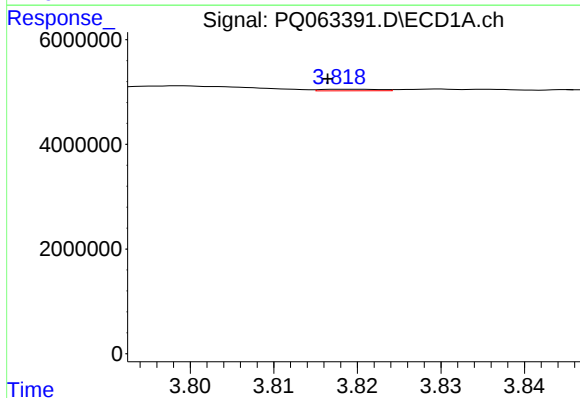
R.T.: 3.705 min
Delta R.T.: -0.041 min
Response: 806634
Conc: 21.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



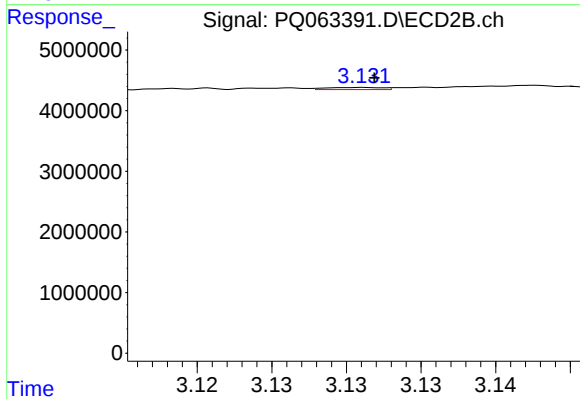
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: -0.002 min
Response: 19600
Conc: 0.63 ng/ml



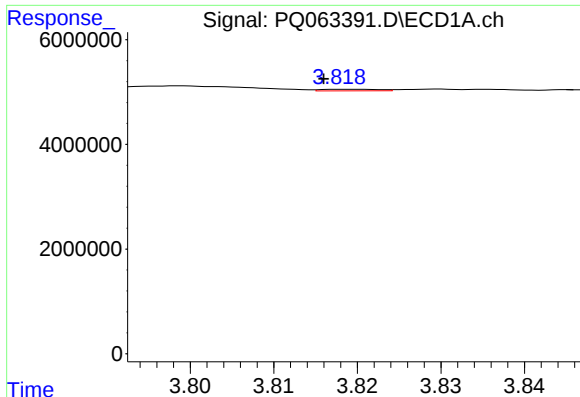
#10 AR-1221-3

R.T.: 3.819 min
Delta R.T.: 0.003 min
Response: 142949
Conc: 1.13 ng/ml



#10 AR-1221-3

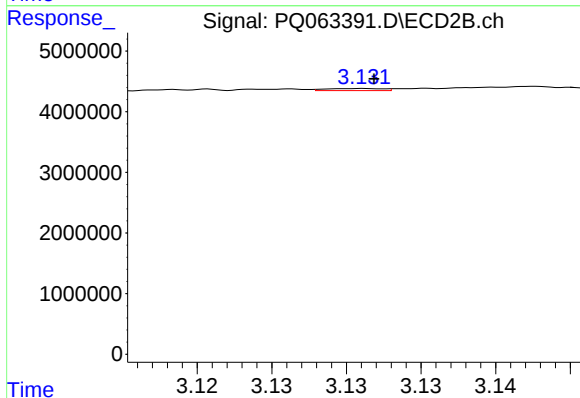
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 88992
Conc: 0.84 ng/ml



#11 AR-1232-1

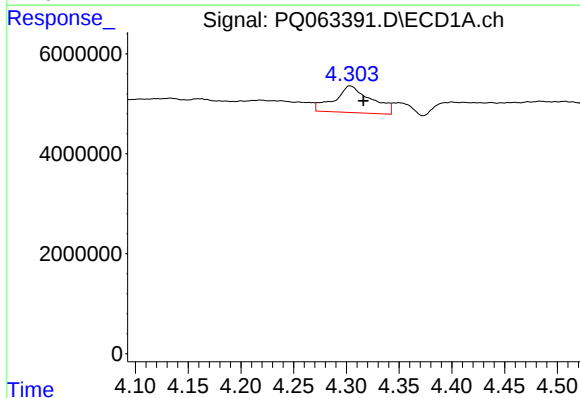
R.T.: 3.819 min
Delta R.T.: 0.003 min
Response: 142949
Conc: 1.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



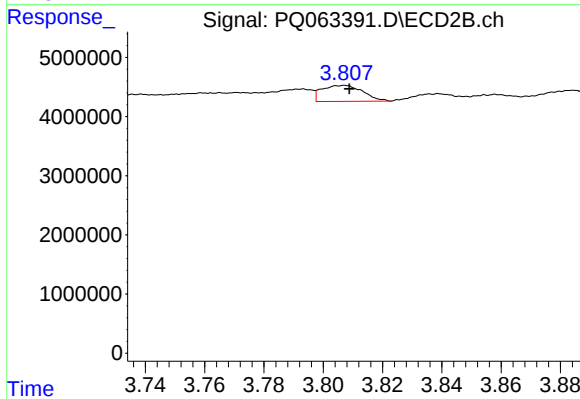
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 88992
Conc: 1.02 ng/ml



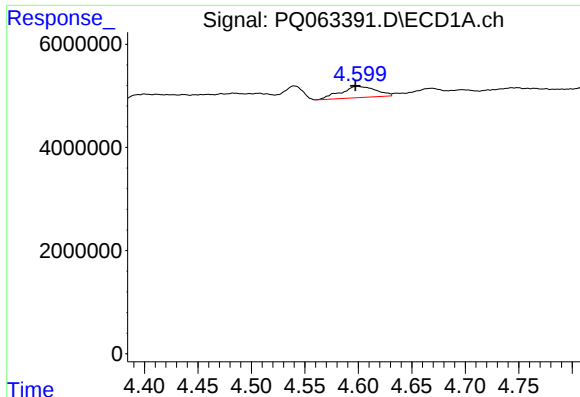
#12 AR-1232-2

R.T.: 4.303 min
Delta R.T.: -0.013 min
Response: 12910667
Conc: 202.97 ng/ml



#12 AR-1232-2

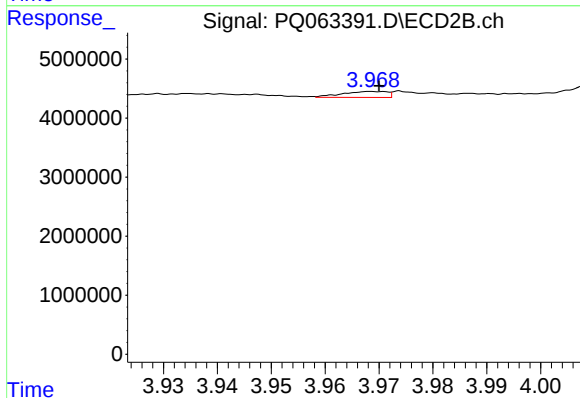
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 2601950
Conc: 32.18 ng/ml



#13 AR-1232-3

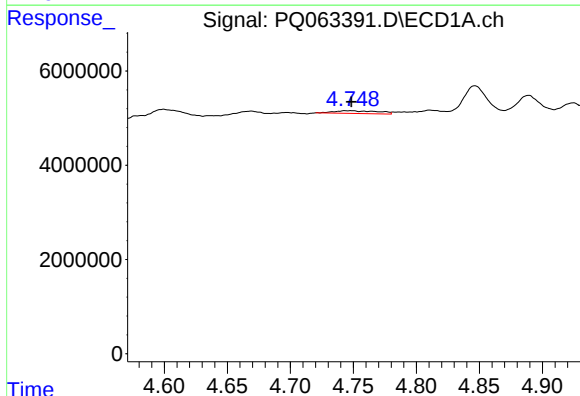
R.T.: 4.599 min
Delta R.T.: 0.002 min
Response: 5057163
Conc: 48.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



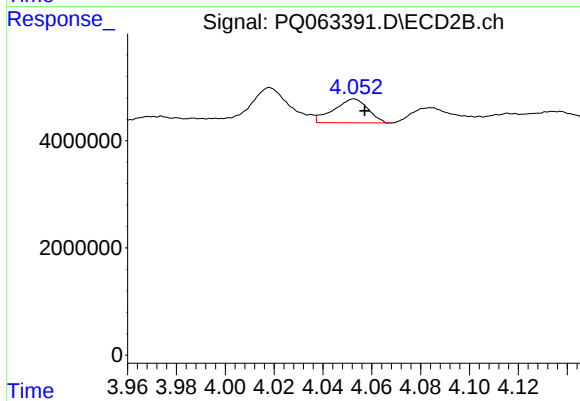
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 586439
Conc: 13.82 ng/ml



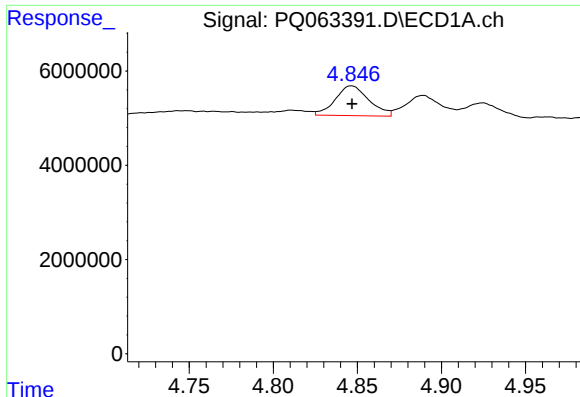
#14 AR-1232-4

R.T.: 4.744 min
Delta R.T.: -0.005 min
Response: 1460303
Conc: 29.39 ng/ml



#14 AR-1232-4

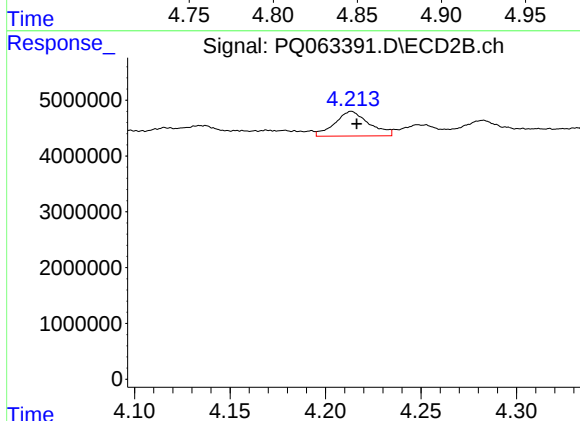
R.T.: 4.053 min
Delta R.T.: -0.004 min
Response: 4321692
Conc: 117.86 ng/ml



#15 AR-1232-5

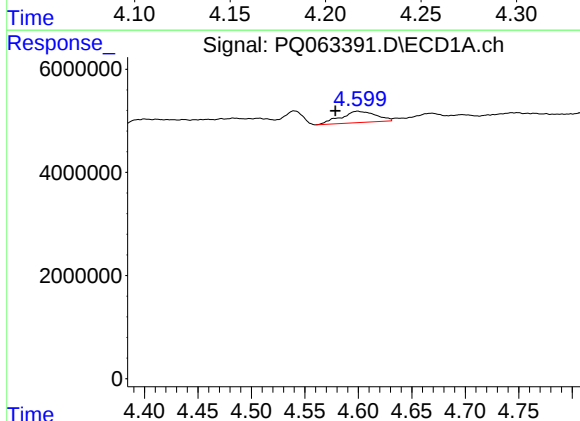
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 8830458
Conc: 232.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



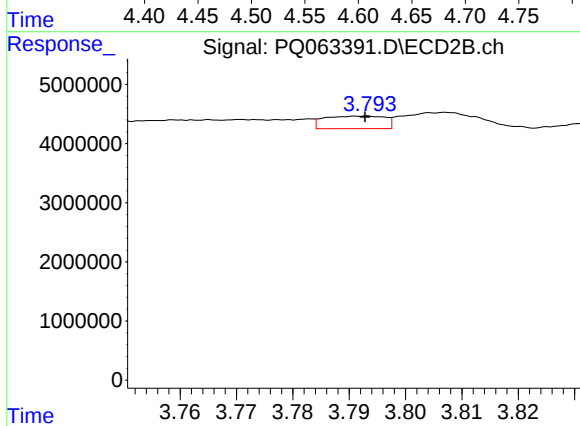
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.003 min
Response: 5517610
Conc: 127.91 ng/ml



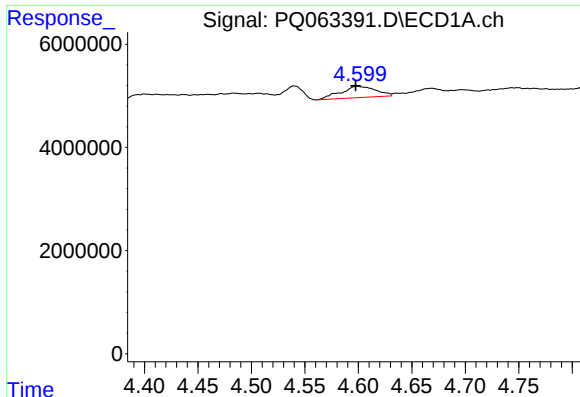
#16 AR-1242-1

R.T.: 4.599 min
Delta R.T.: 0.021 min
Response: 5057163
Conc: 38.35 ng/ml



#16 AR-1242-1

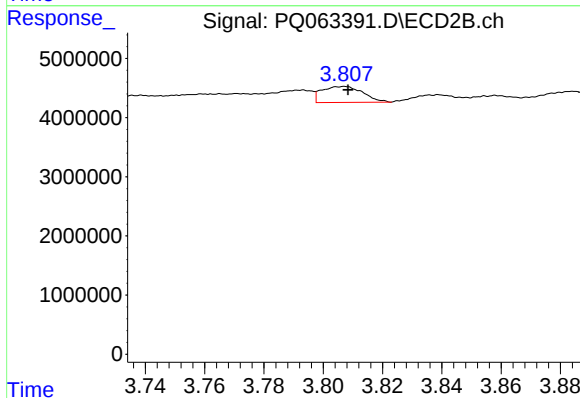
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 1585774
Conc: 14.53 ng/ml



#17 AR-1242-2

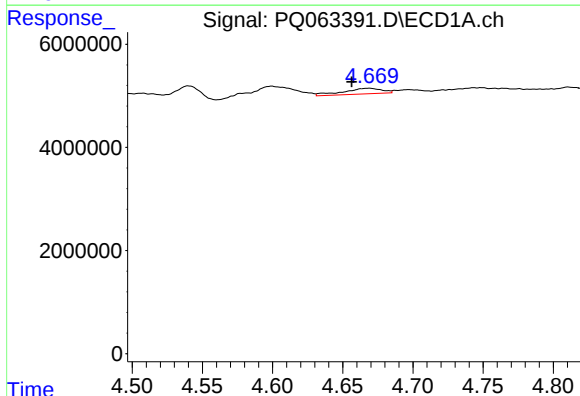
R.T.: 4.599 min
Delta R.T.: 0.002 min
Response: 5057163
Conc: 24.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



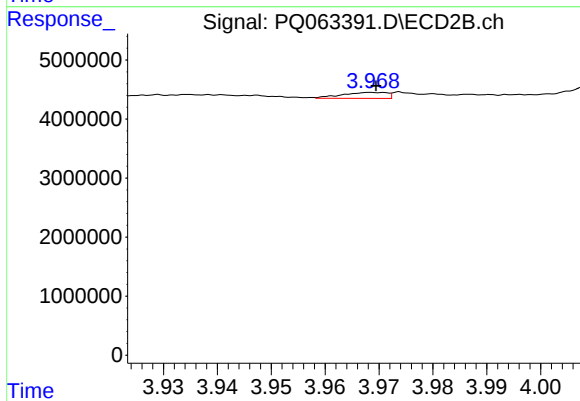
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 2601950
Conc: 16.74 ng/ml



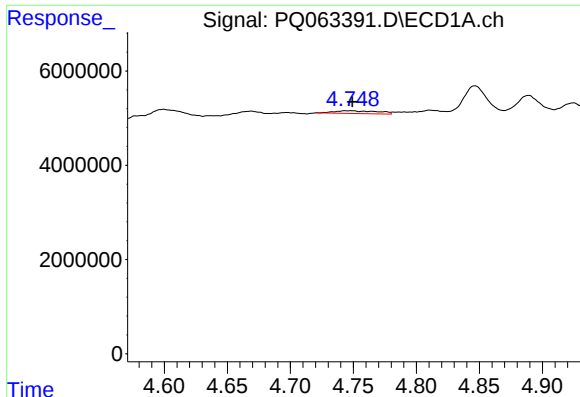
#18 AR-1242-3

R.T.: 4.669 min
Delta R.T.: 0.012 min
Response: 2108244
Conc: 16.63 ng/ml



#18 AR-1242-3

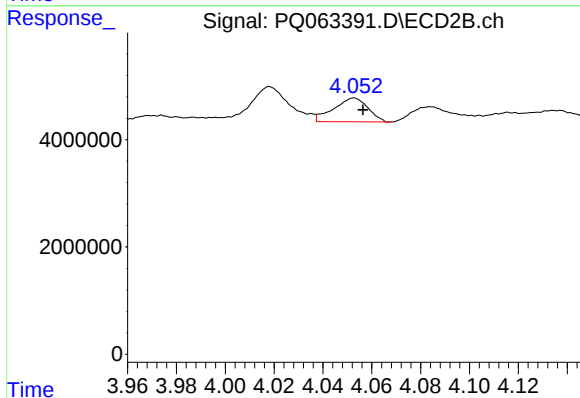
R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 586439
Conc: 6.99 ng/ml



#19 AR-1242-4

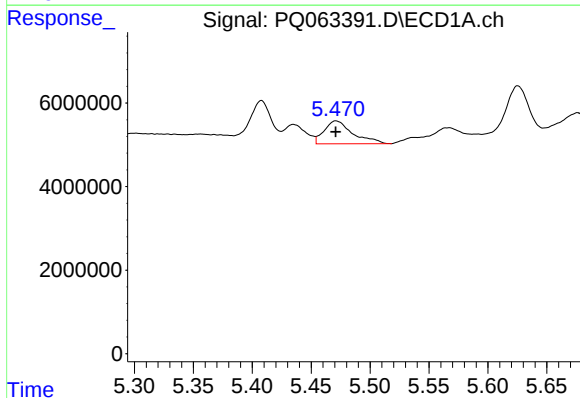
R.T.: 4.744 min
Delta R.T.: -0.006 min
Response: 1460303
Conc: 14.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



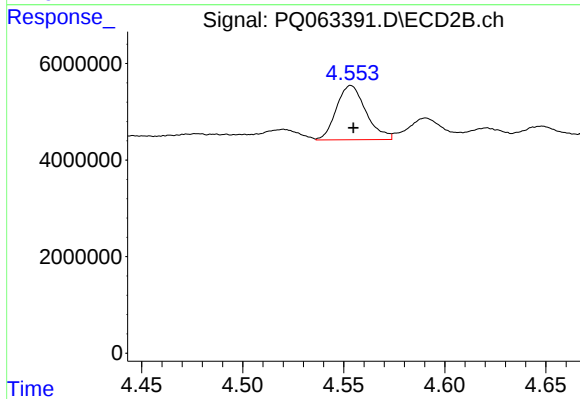
#19 AR-1242-4

R.T.: 4.053 min
Delta R.T.: -0.004 min
Response: 4321692
Conc: 53.93 ng/ml



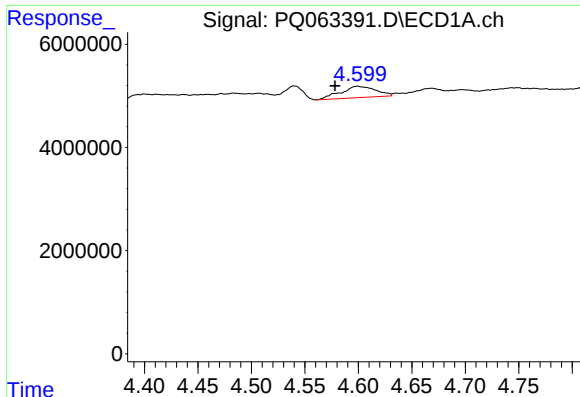
#20 AR-1242-5

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 9291991
Conc: 84.97 ng/ml



#20 AR-1242-5

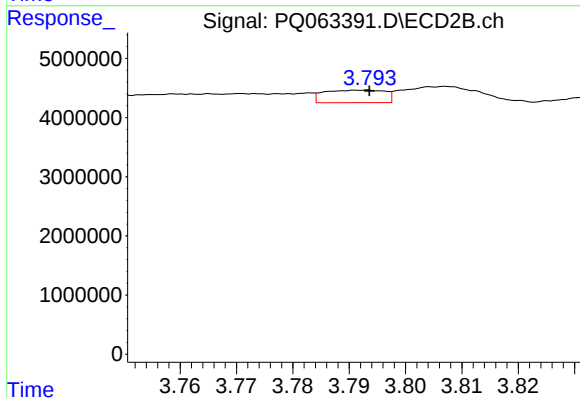
R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 11429962
Conc: 109.22 ng/ml



#21 AR-1248-1

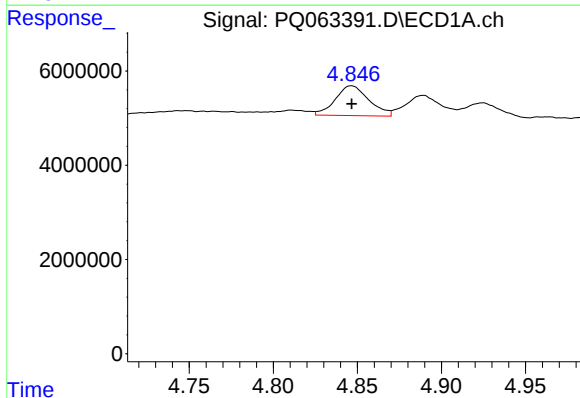
R.T.: 4.599 min
Delta R.T.: 0.021 min
Response: 5057163
Conc: 51.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



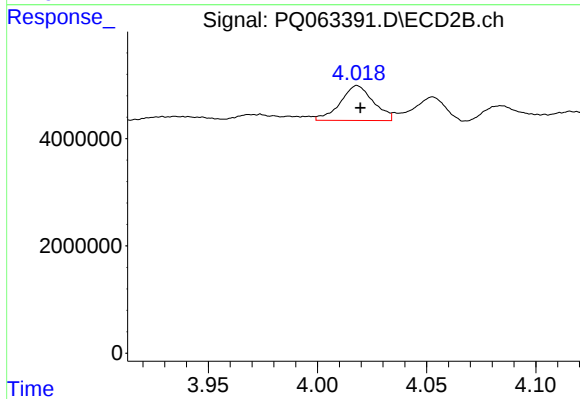
#21 AR-1248-1

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 1585774
Conc: 19.76 ng/ml



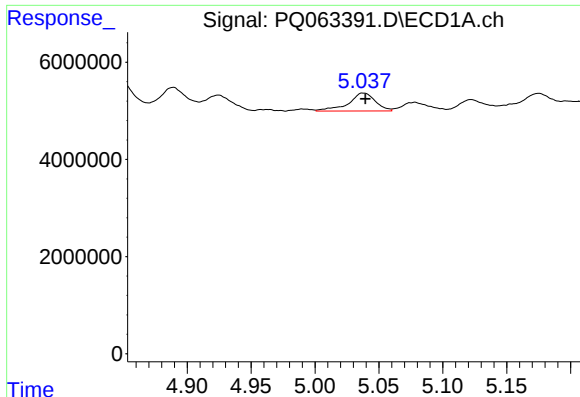
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 8830458
Conc: 61.74 ng/ml



#22 AR-1248-2

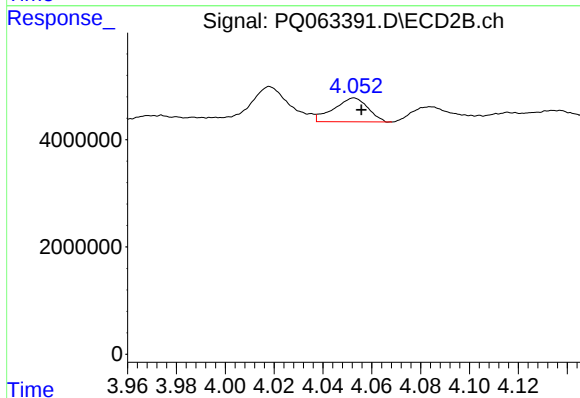
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 6839130
Conc: 57.12 ng/ml



#23 AR-1248-3

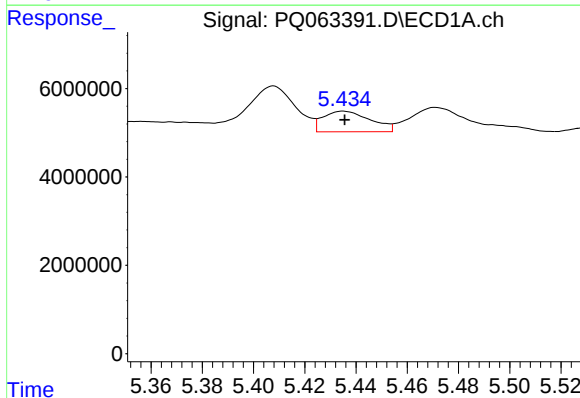
R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 5419867
Conc: 31.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



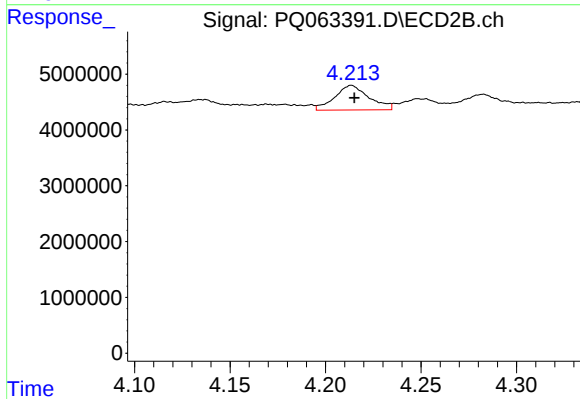
#23 AR-1248-3

R.T.: 4.053 min
Delta R.T.: -0.003 min
Response: 4321692
Conc: 37.69 ng/ml



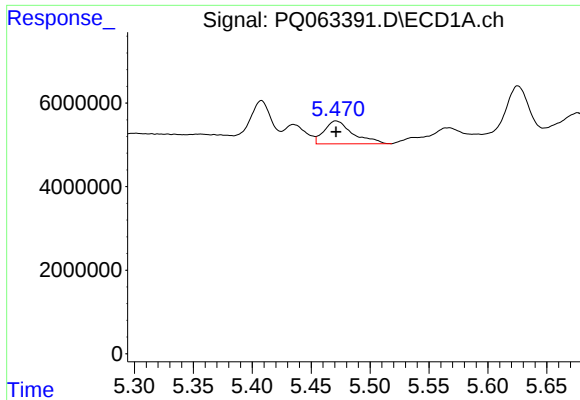
#24 AR-1248-4

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 6001385
Conc: 31.39 ng/ml



#24 AR-1248-4

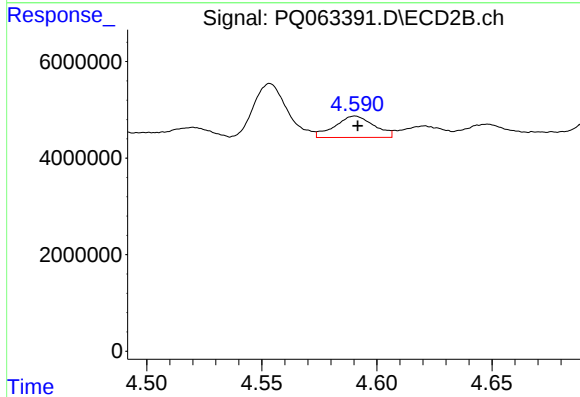
R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 5517610
Conc: 39.13 ng/ml



#25 AR-1248-5

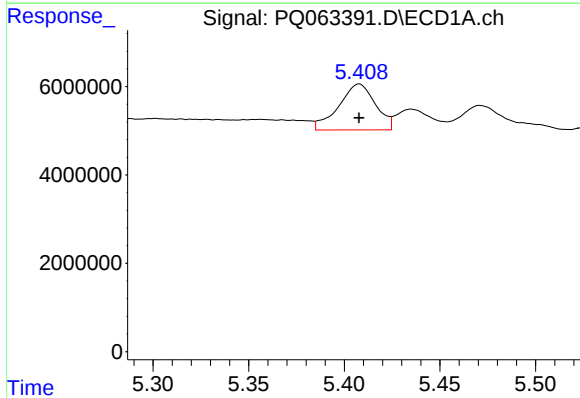
R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 9291991
Conc: 49.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



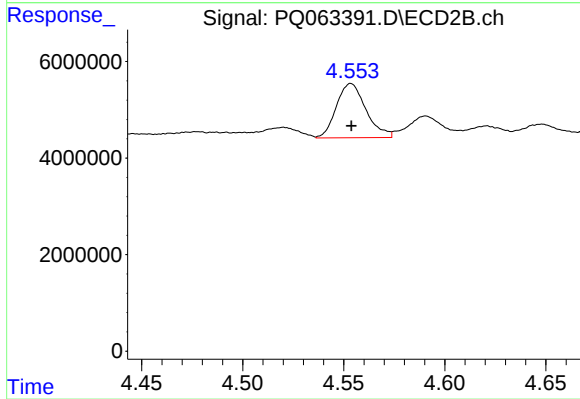
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: -0.001 min
Response: 5242552
Conc: 37.94 ng/ml



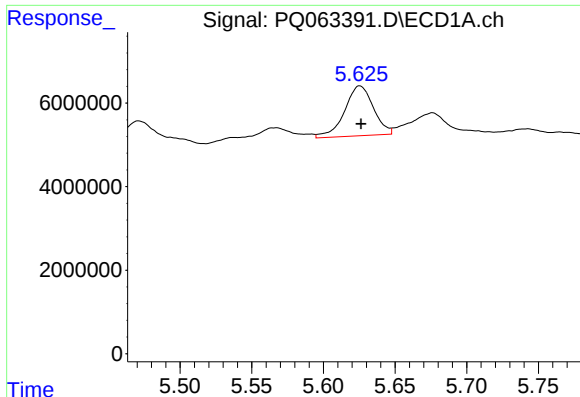
#26 AR-1254-1

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 13881096
Conc: 69.02 ng/ml



#26 AR-1254-1

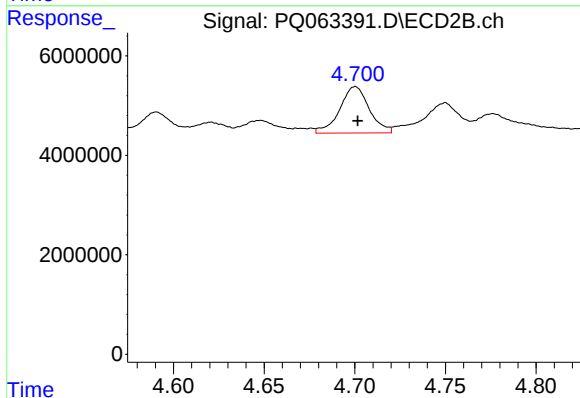
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 11429962
Conc: 54.21 ng/ml



#27 AR-1254-2

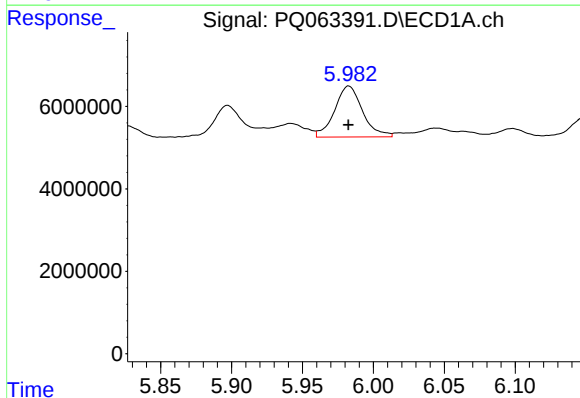
R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 16748754
Conc: 54.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



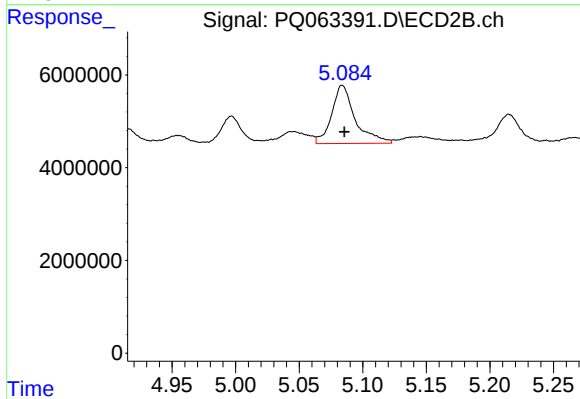
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: -0.001 min
Response: 10613003
Conc: 57.34 ng/ml



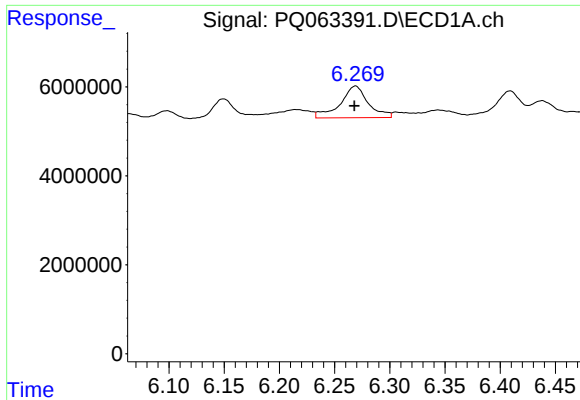
#28 AR-1254-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 16937309
Conc: 51.63 ng/ml



#28 AR-1254-3

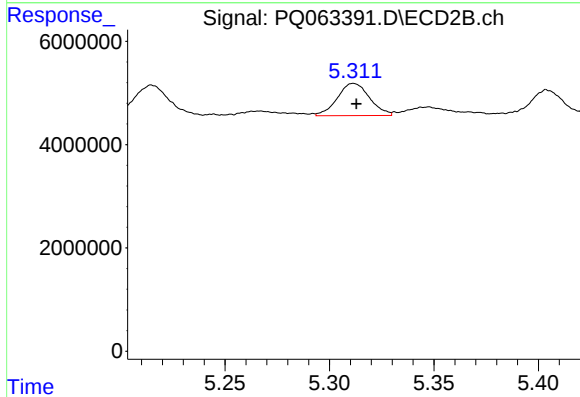
R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 16189774
Conc: 56.58 ng/ml



#29 AR-1254-4

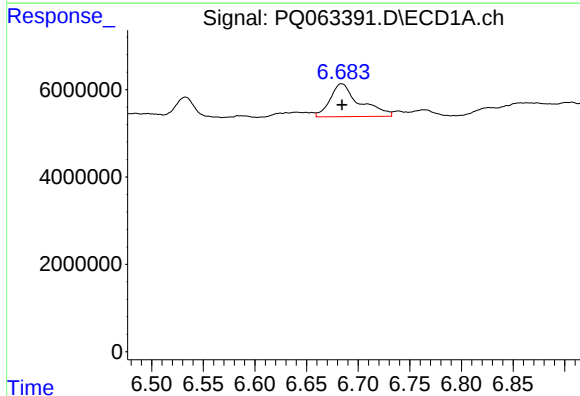
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 12561927
Conc: 51.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



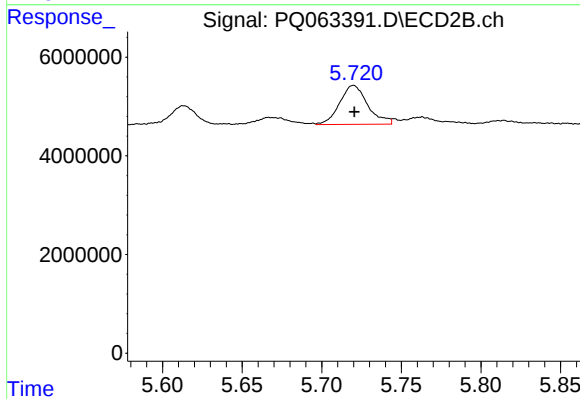
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.001 min
Response: 6682024
Conc: 36.09 ng/ml



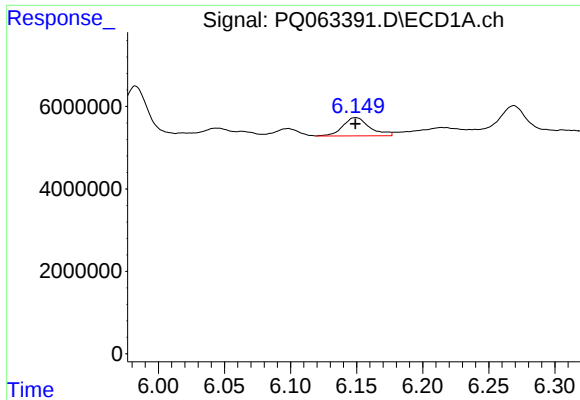
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 15019616
Conc: 58.48 ng/ml



#30 AR-1254-5

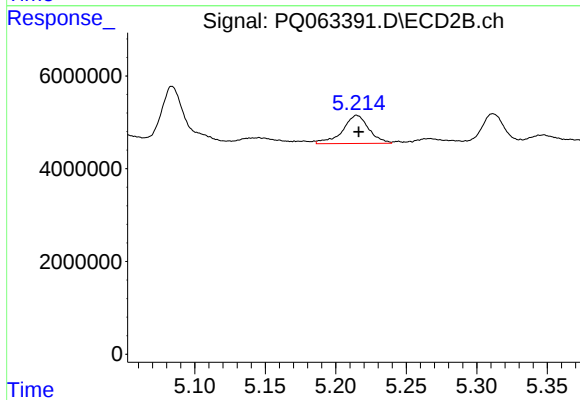
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 9699342
Conc: 37.54 ng/ml



#31 AR-1260-1

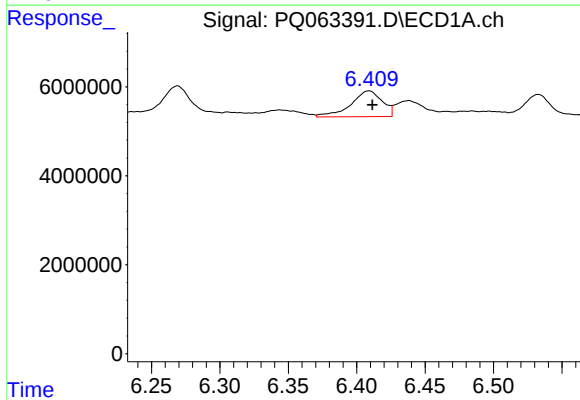
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 6260796
Conc: 26.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



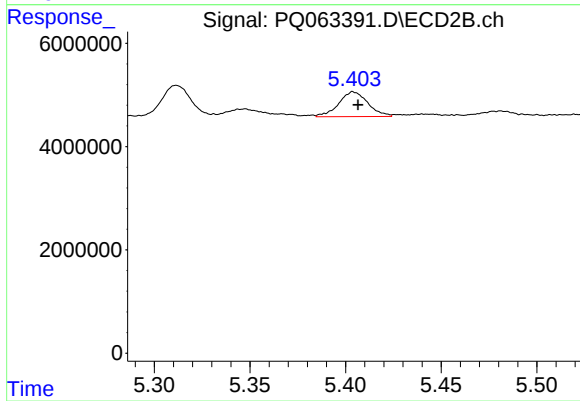
#31 AR-1260-1

R.T.: 5.215 min
Delta R.T.: -0.002 min
Response: 7851281
Conc: 38.88 ng/ml



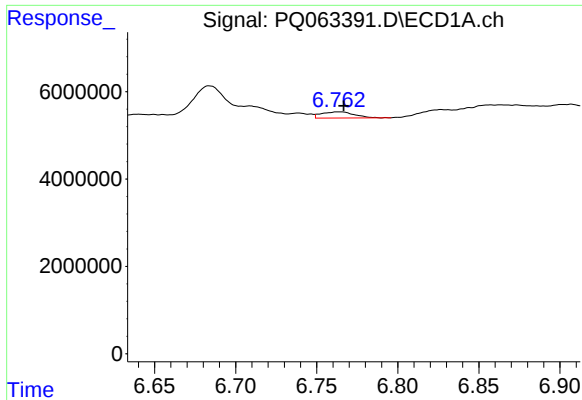
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: -0.002 min
Response: 9256578
Conc: 32.67 ng/ml



#32 AR-1260-2

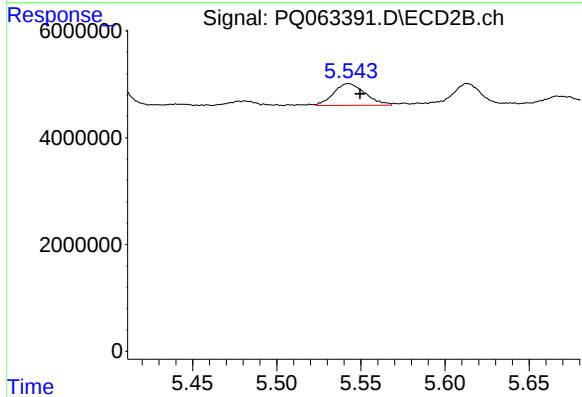
R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 5129623
Conc: 20.96 ng/ml



#33 AR-1260-3

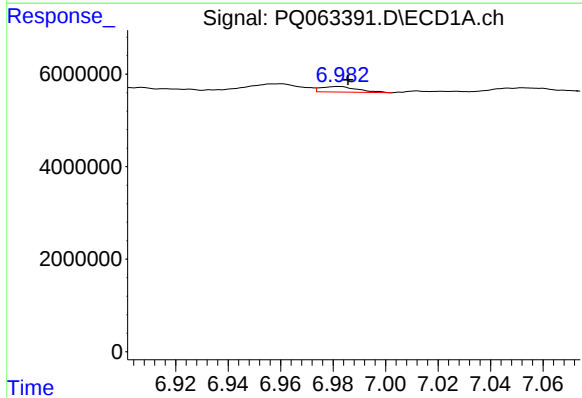
R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 2010908
Conc: 9.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



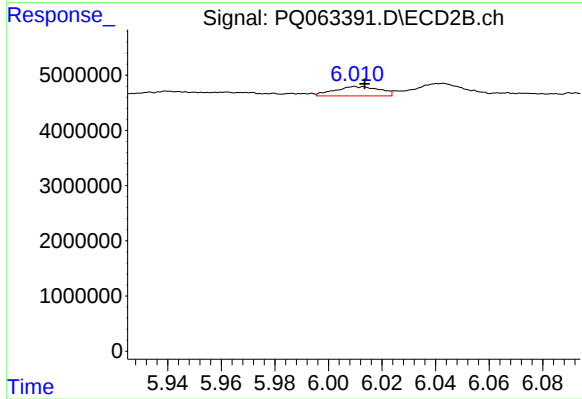
#33 AR-1260-3

R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 5366527
Conc: 22.69 ng/ml



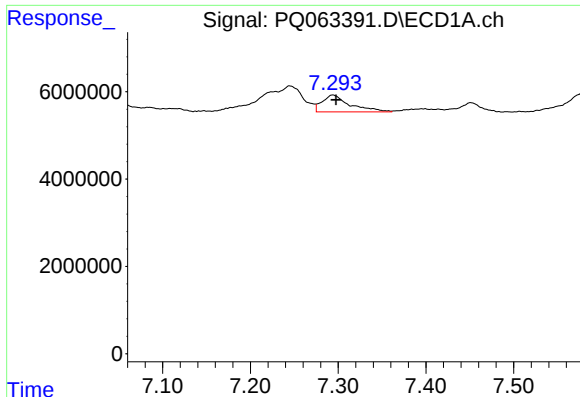
#34 AR-1260-4

R.T.: 6.982 min
Delta R.T.: -0.004 min
Response: 1147011
Conc: 4.81 ng/ml



#34 AR-1260-4

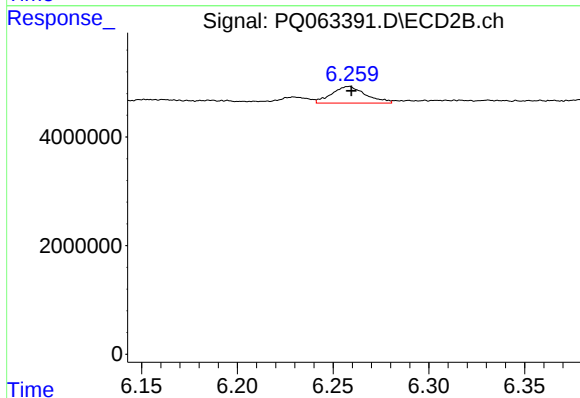
R.T.: 6.010 min
Delta R.T.: -0.003 min
Response: 1978235
Conc: 10.36 ng/ml



#35 AR-1260-5

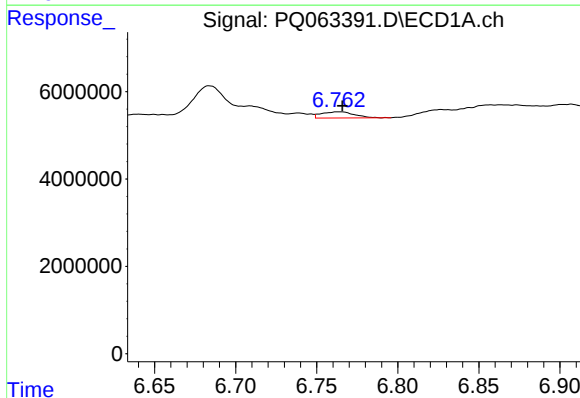
R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 8561682
Conc: 19.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



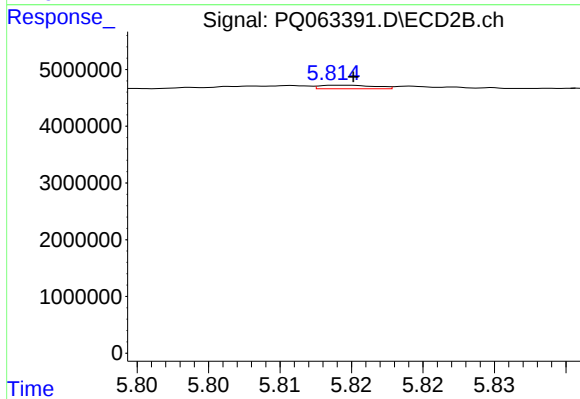
#35 AR-1260-5

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 3789585
Conc: 8.65 ng/ml



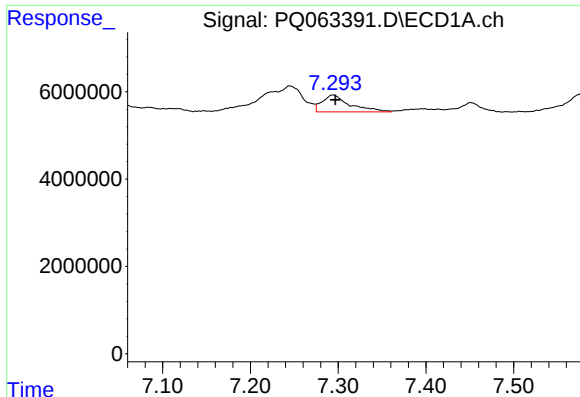
#36 AR-1262-1

R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 2010908
Conc: 6.46 ng/ml



#36 AR-1262-1

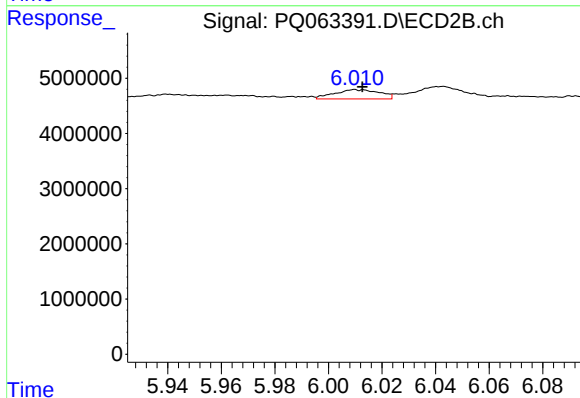
R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 166989
Conc: 1.59 ng/ml



#37 AR-1262-2

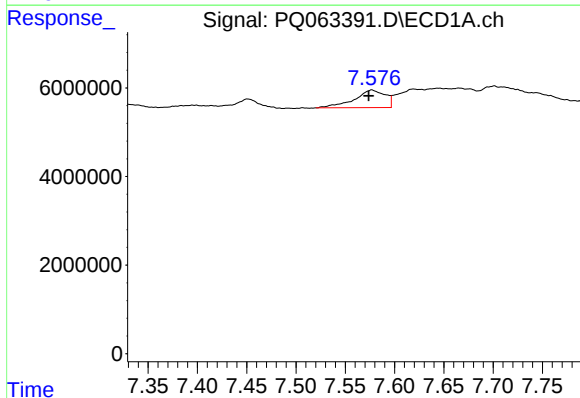
R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 8561682
Conc: 16.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



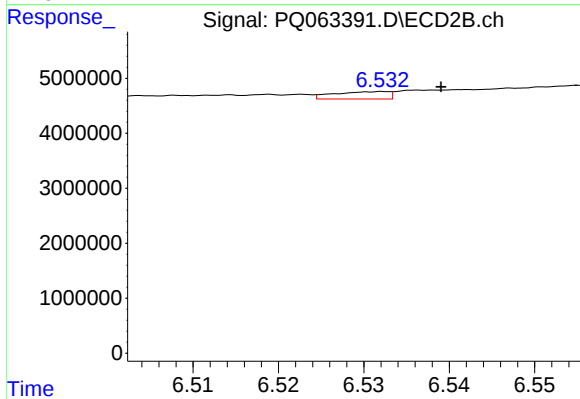
#37 AR-1262-2

R.T.: 6.010 min
Delta R.T.: -0.003 min
Response: 1978235
Conc: 8.52 ng/ml



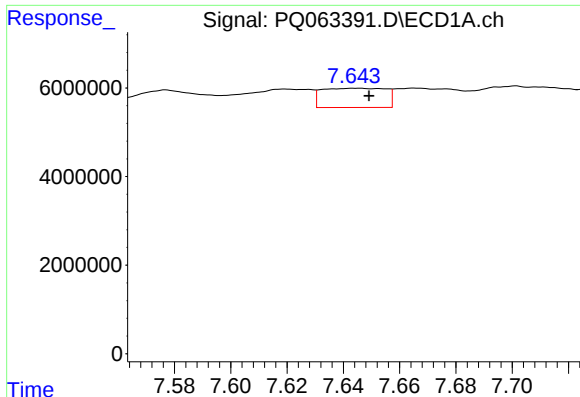
#38 AR-1262-3

R.T.: 7.577 min
Delta R.T.: 0.003 min
Response: 8753346
Conc: 25.29 ng/ml



#38 AR-1262-3

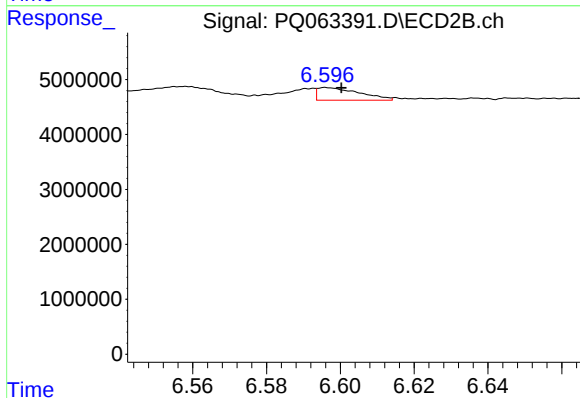
R.T.: 6.532 min
Delta R.T.: -0.007 min
Response: 586530
Conc: 3.05 ng/ml



#39 AR-1262-4

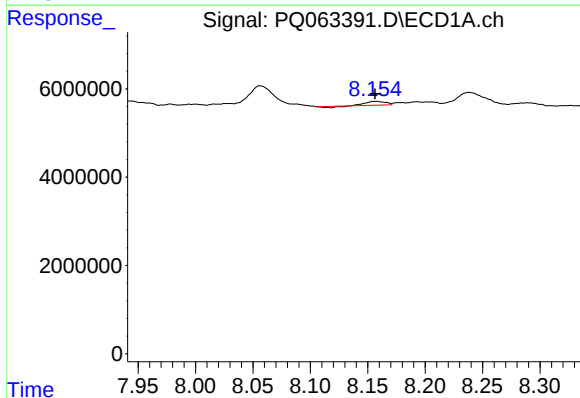
R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 6812393
Conc: 25.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



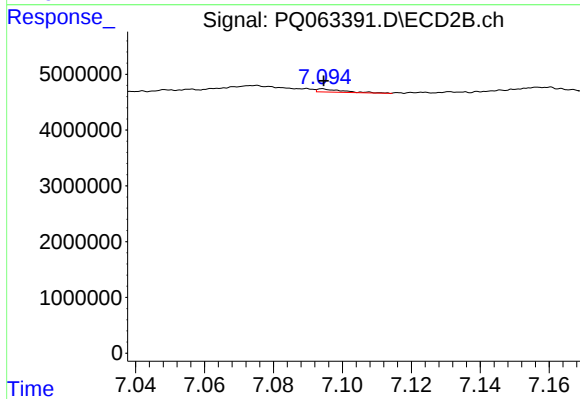
#39 AR-1262-4

R.T.: 6.596 min
Delta R.T.: -0.004 min
Response: 1834101
Conc: 5.24 ng/ml



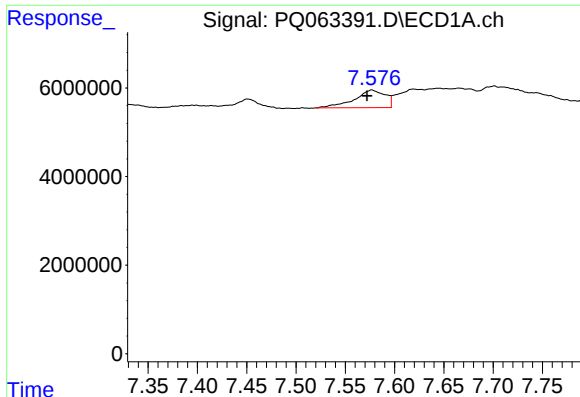
#40 AR-1262-5

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 869259
Conc: 5.07 ng/ml



#40 AR-1262-5

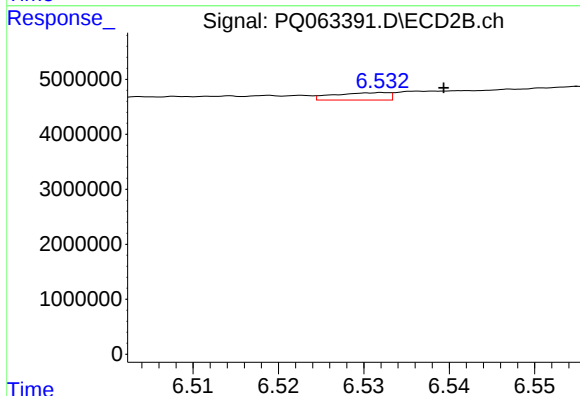
R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 281901
Conc: 1.70 ng/ml



#41 AR-1268-1

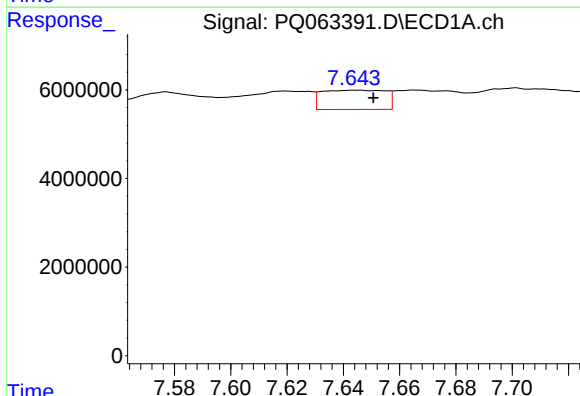
R.T.: 7.577 min
Delta R.T.: 0.005 min
Response: 8753346
Conc: 14.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



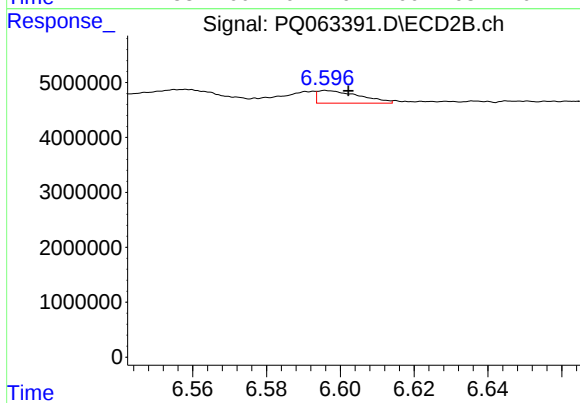
#41 AR-1268-1

R.T.: 6.532 min
Delta R.T.: -0.007 min
Response: 586530
Conc: 1.05 ng/ml



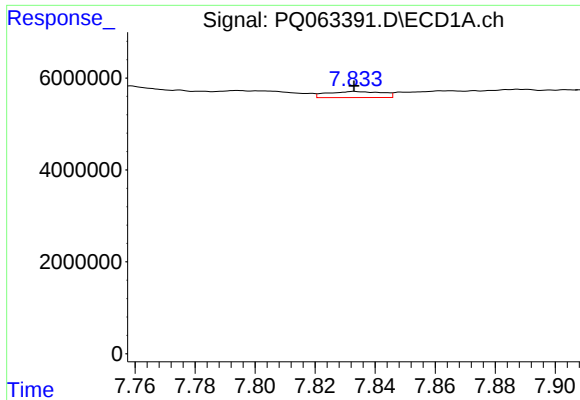
#42 AR-1268-2

R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 6812393
Conc: 11.90 ng/ml



#42 AR-1268-2

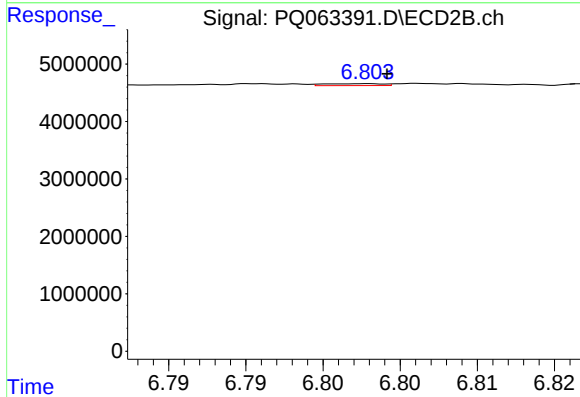
R.T.: 6.596 min
Delta R.T.: -0.006 min
Response: 1834101
Conc: 3.69 ng/ml



#43 AR-1268-3

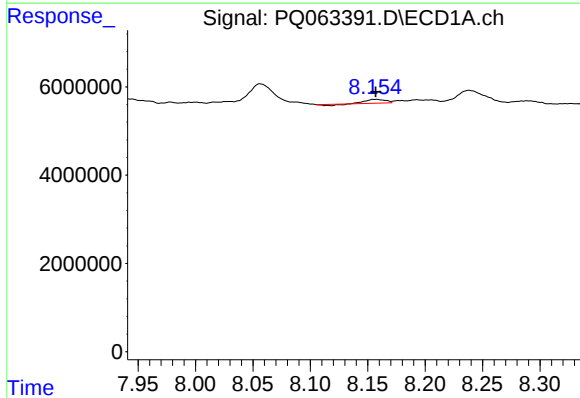
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 1672105
Conc: 3.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



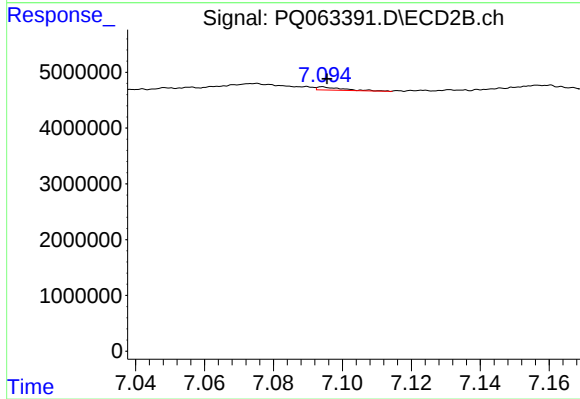
#43 AR-1268-3

R.T.: 6.803 min
Delta R.T.: -0.001 min
Response: 88767
Conc: 0.21 ng/ml



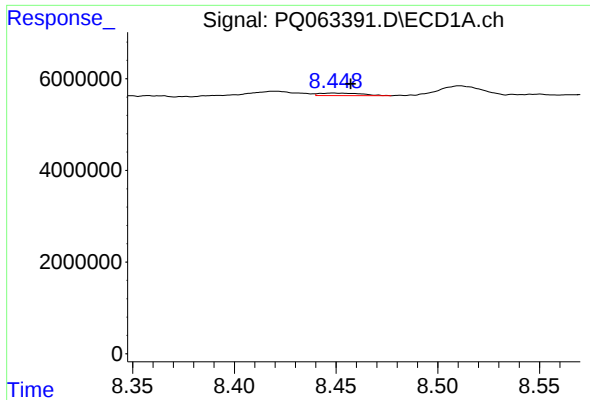
#44 AR-1268-4

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 869259
Conc: 4.52 ng/ml



#44 AR-1268-4

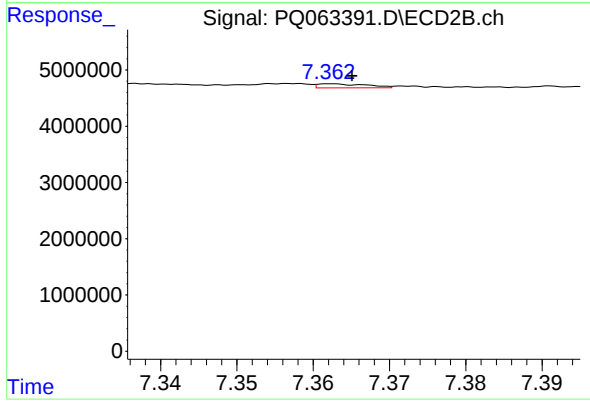
R.T.: 7.094 min
Delta R.T.: -0.001 min
Response: 281901
Conc: 1.52 ng/ml



#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: -0.009 min
Response: 799840
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 322525
Conc: 0.25 ng/ml