

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 00:16
 Operator : YP\AJ
 Sample : 01627-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:27:32 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...	3.442	2.798	496.6E6	253.0E6	21.583	22.490
2)	SA Decachlor...	8.575	7.536	323.5E6	253.2E6	23.861	23.594
Target Compounds							
3)	L1 AR-1016-1	4.528	3.797	28588271	13567121	35.962	34.775
4)	L1 AR-1016-2	4.548	3.813	35407340	15445827	29.587	26.184
5)	L1 AR-1016-3	4.604	3.972	19511496	9314243	26.328	29.626
6)	L1 AR-1016-4	4.694	4.018	19457025	19721200	31.366	80.453 #
7)	L1 AR-1016-5	4.975	4.210	48181452	23880153	81.896	74.774
8)	L2 AR-1221-1	3.627	2.995	1545694	396222	6.452	3.525 #
9)	L2 AR-1221-2	3.719	3.068	9568059	3769069	54.738	45.277
10)	L2 AR-1221-3	3.789	3.144	5877045	1406503	11.234	5.444 #
11)	L3 AR-1232-1	3.789	3.144	5877045	1406503	11.193	5.254 #
12)	L3 AR-1232-2	4.275	3.813	14045777	15445827	52.594	57.515
13)	L3 AR-1232-3	4.548	3.972	35407340	9314243	64.925	66.882
14)	L3 AR-1232-4	4.694	4.054	19457025	20168234	72.018	169.936 #
15)	L3 AR-1232-5	4.788	4.210	39853091	23880153	213.498	175.239
16)	L4 AR-1242-1	4.528	3.797	28588271	13567121	46.297	42.191
17)	L4 AR-1242-2	4.548	3.813	35407340	15445827	37.710	32.240
18)	L4 AR-1242-3	4.604	3.972	19511496	9314243	33.779	35.929
19)	L4 AR-1242-4	4.694	4.054	19457025	20168234	39.902	84.261 #
20)	L4 AR-1242-5	5.396	4.541	51304913	34052718	102.872	110.291
21)	L5 AR-1248-1	4.528	3.797	28588271	13567121	59.959	55.388
22)	L5 AR-1248-2	4.788	4.018	39853091	19721200	64.078	57.269
23)	L5 AR-1248-3	4.975	4.054	48181452	20168234	63.573	57.849
24)	L5 AR-1248-4	5.361	4.210	54188616	23880153	64.885	56.425
25)	L5 AR-1248-5	5.396	4.578	51304913	24725958	61.344	58.089
26)	L6 AR-1254-1	5.333	4.541	44682419	34052718	53.417	52.590
27)	L6 AR-1254-2	5.547	4.684	53109889	9268424	41.510	16.825 #
28)	L6 AR-1254-3	5.898	5.060	29056264	15030824	21.388	17.530
29)	L6 AR-1254-4	6.182f	5.281	21474456	10121790	21.652	18.078
30)	L6 AR-1254-5	6.595f	5.684	4775348	3010676	4.549	3.715
31)	L7 AR-1260-1	6.062	5.191	2001937	7347445	1.911	11.963 #
32)	L7 AR-1260-2	6.322	5.371	2850939	1207161	2.299	1.619 #
33)	L7 AR-1260-3	6.658	5.513	1535482	5960028	1.718	8.200 #
34)	L7 AR-1260-4	6.897	5.969	870348	406036	0.883	0.689
35)	L7 AR-1260-5	7.202	6.221	854932	623932	0.440	0.454
36)	L8 AR-1262-1	6.658	5.725	1535482	86275	1.336	0.110 #
37)	L8 AR-1262-2	7.202f	6.189	854932	601469	0.426	0.424
38)	L8 AR-1262-3	7.472	6.462	609964	2297955	0.466	4.048 #
39)	L8 AR-1262-4	7.543	6.546	1180655	1281765	1.155	1.200
40)	L8 AR-1262-5	8.057f	7.040	1004640	178405	1.545	0.345 #
41)	L9 AR-1268-1	7.472	6.490	609964	1856816	0.267	1.096 #

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 Operator : YP\AJ
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 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 39 Sample Multiplier: 1

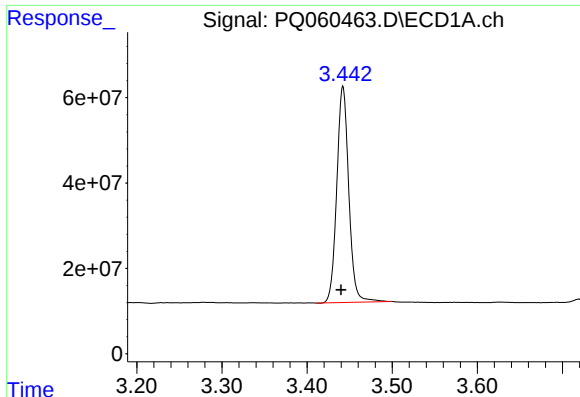
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:27:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.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	7.543	6.546	1180655	1281765	0.556	0.824 #
43) L9	AR-1268-3	7.731	6.756	1534024	727257	0.882	0.534 #
44) L9	AR-1268-4	8.057	7.040	1004640	178405	1.352	0.302 #
45) L9	AR-1268-5	8.346	7.321	2038835	2654421	0.396	0.622 #

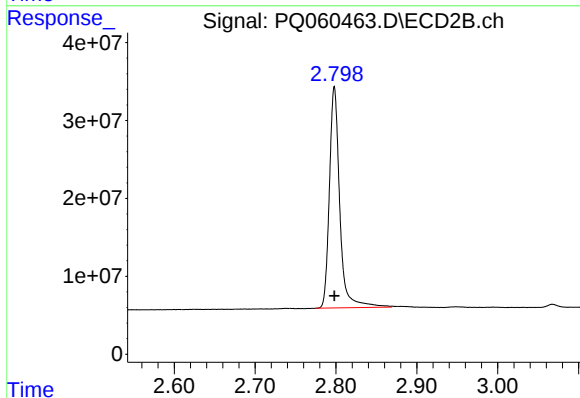
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

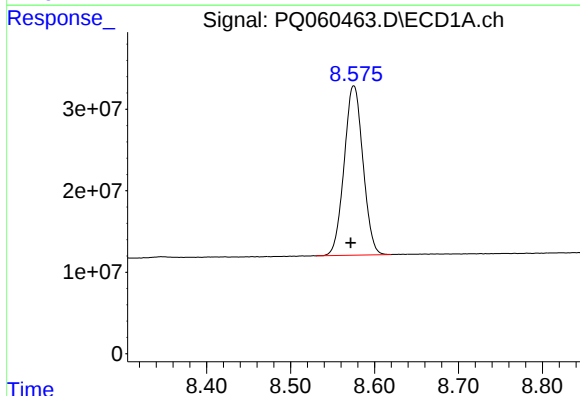
R.T.: 3.442 min
Delta R.T.: 0.002 min
Response: 496631555
Conc: 21.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



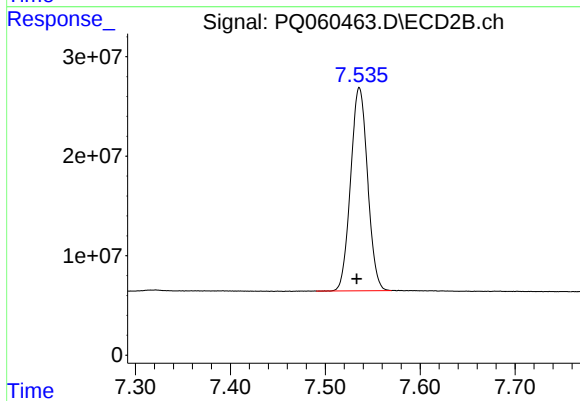
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 253005744
Conc: 22.49 ng/ml



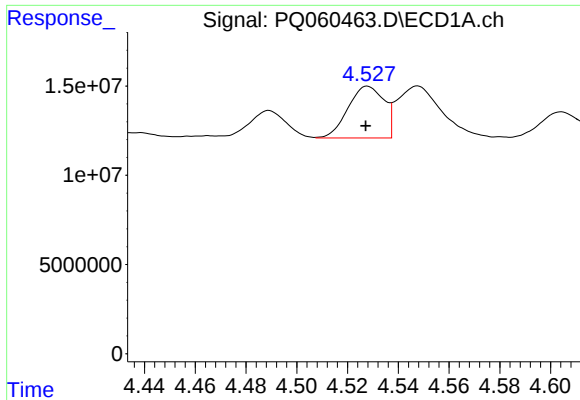
#2 Decachlorobiphenyl

R.T.: 8.575 min
Delta R.T.: 0.004 min
Response: 323531490
Conc: 23.86 ng/ml



#2 Decachlorobiphenyl

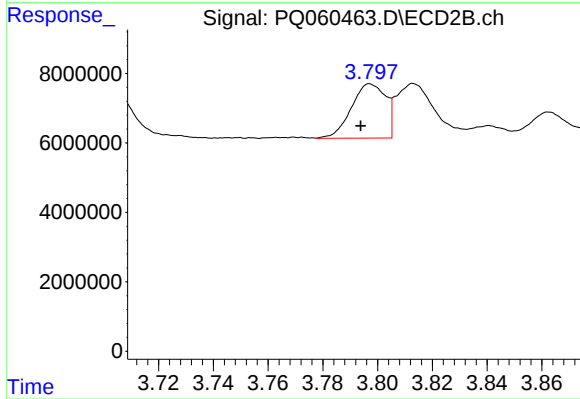
R.T.: 7.536 min
Delta R.T.: 0.003 min
Response: 253221609
Conc: 23.59 ng/ml



#3 AR-1016-1

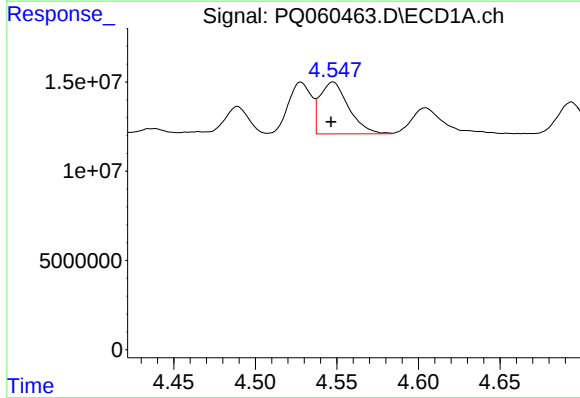
R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 28588271
Conc: 35.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



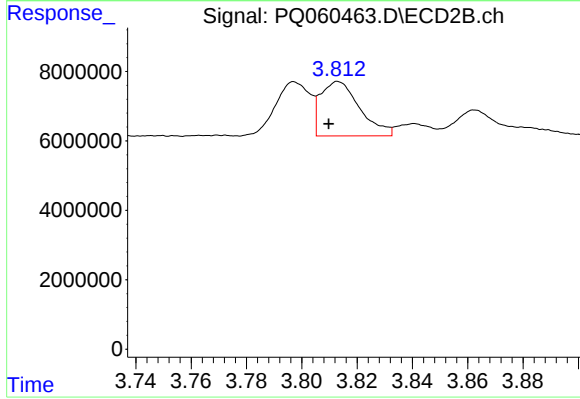
#3 AR-1016-1

R.T.: 3.797 min
Delta R.T.: 0.003 min
Response: 13567121
Conc: 34.77 ng/ml



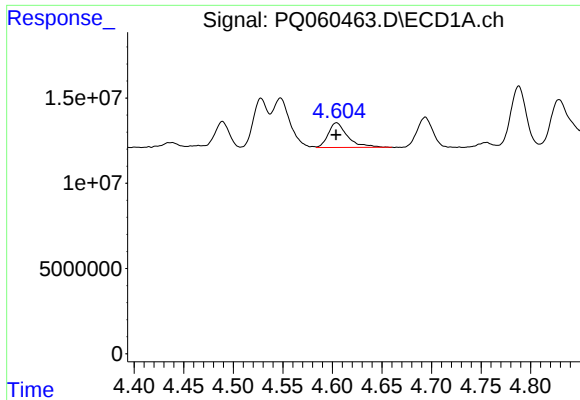
#4 AR-1016-2

R.T.: 4.548 min
Delta R.T.: 0.001 min
Response: 35407340
Conc: 29.59 ng/ml



#4 AR-1016-2

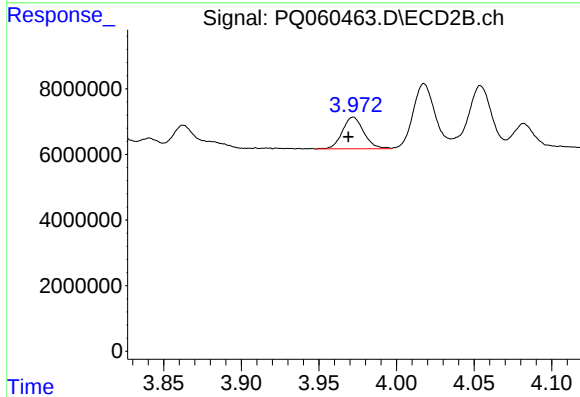
R.T.: 3.813 min
Delta R.T.: 0.003 min
Response: 15445827
Conc: 26.18 ng/ml



#5 AR-1016-3

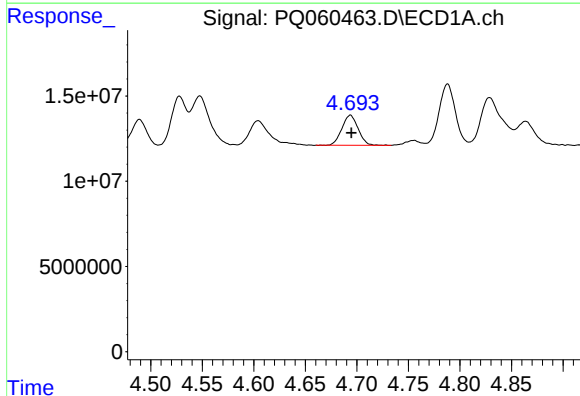
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 19511496
Conc: 26.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



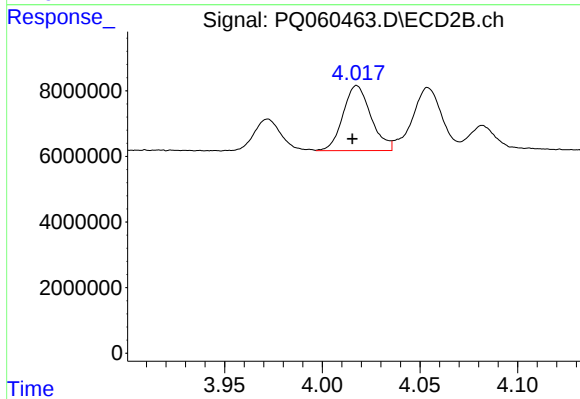
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: 0.003 min
Response: 9314243
Conc: 29.63 ng/ml



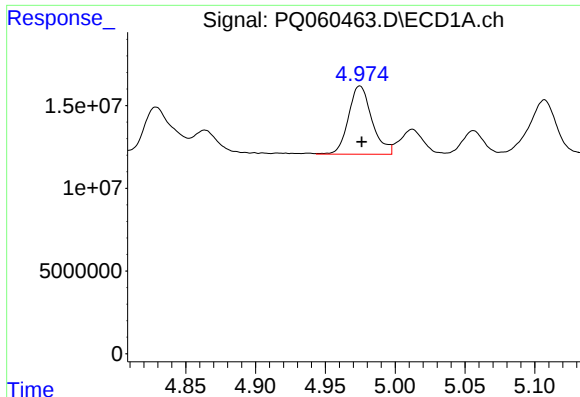
#6 AR-1016-4

R.T.: 4.694 min
Delta R.T.: -0.001 min
Response: 19457025
Conc: 31.37 ng/ml



#6 AR-1016-4

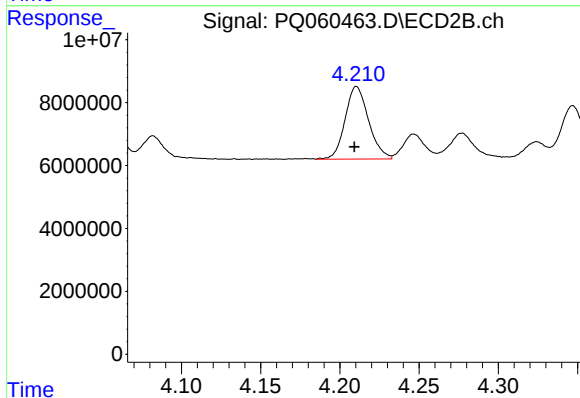
R.T.: 4.018 min
Delta R.T.: 0.002 min
Response: 19721200
Conc: 80.45 ng/ml



#7 AR-1016-5

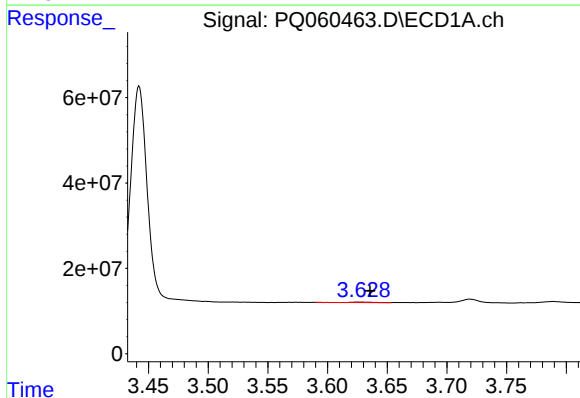
R.T.: 4.975 min
Delta R.T.: -0.001 min
Response: 48181452
Conc: 81.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



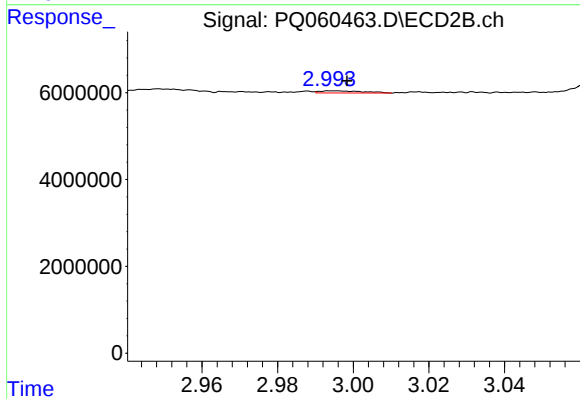
#7 AR-1016-5

R.T.: 4.210 min
Delta R.T.: 0.001 min
Response: 23880153
Conc: 74.77 ng/ml



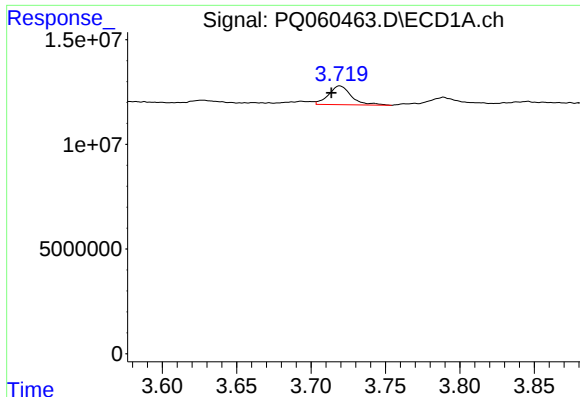
#8 AR-1221-1

R.T.: 3.627 min
Delta R.T.: -0.009 min
Response: 1545694
Conc: 6.45 ng/ml



#8 AR-1221-1

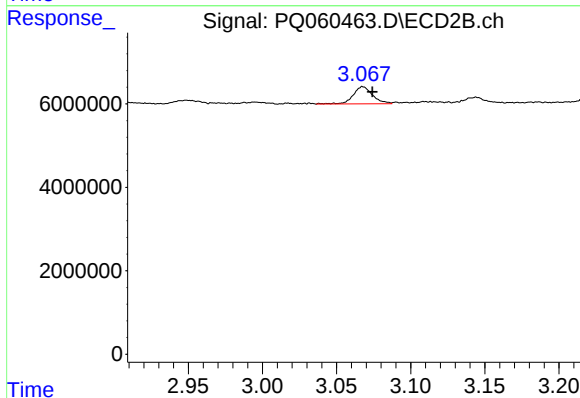
R.T.: 2.995 min
Delta R.T.: -0.004 min
Response: 396222
Conc: 3.53 ng/ml



#9 AR-1221-2

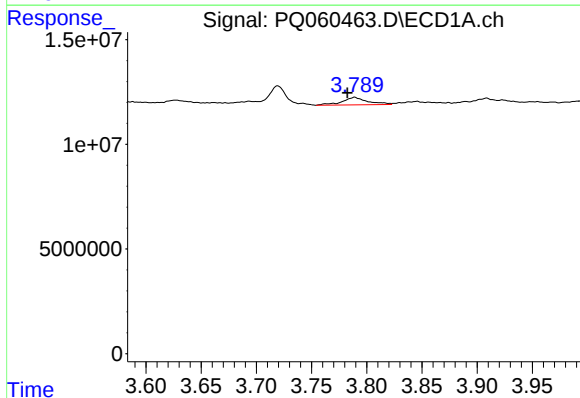
R.T.: 3.719 min
Delta R.T.: 0.006 min
Response: 9568059
Conc: 54.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



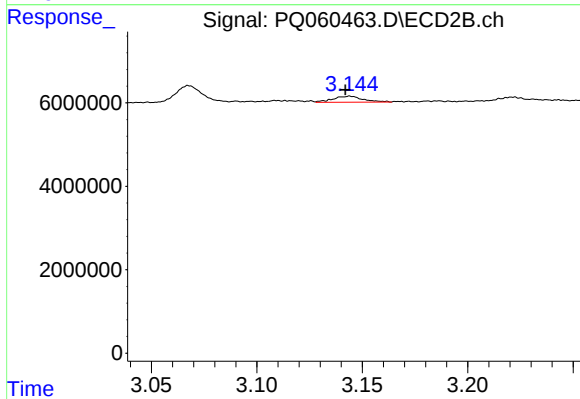
#9 AR-1221-2

R.T.: 3.068 min
Delta R.T.: -0.006 min
Response: 3769069
Conc: 45.28 ng/ml



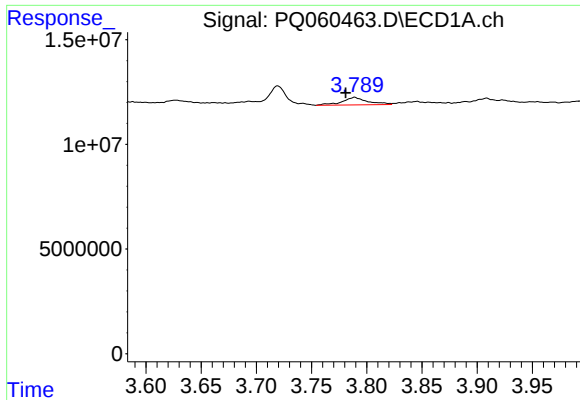
#10 AR-1221-3

R.T.: 3.789 min
Delta R.T.: 0.006 min
Response: 5877045
Conc: 11.23 ng/ml



#10 AR-1221-3

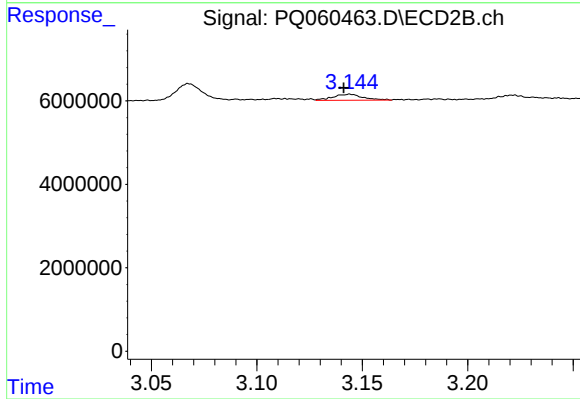
R.T.: 3.144 min
Delta R.T.: 0.002 min
Response: 1406503
Conc: 5.44 ng/ml



#11 AR-1232-1

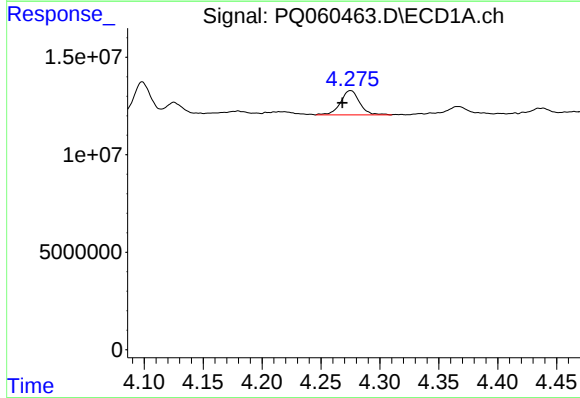
R.T.: 3.789 min
Delta R.T.: 0.008 min
Response: 5877045
Conc: 11.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



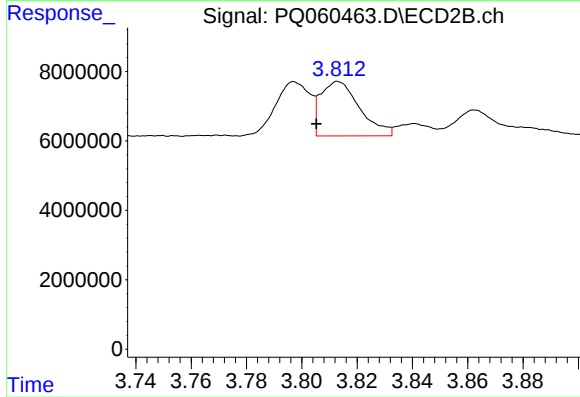
#11 AR-1232-1

R.T.: 3.144 min
Delta R.T.: 0.003 min
Response: 1406503
Conc: 5.25 ng/ml



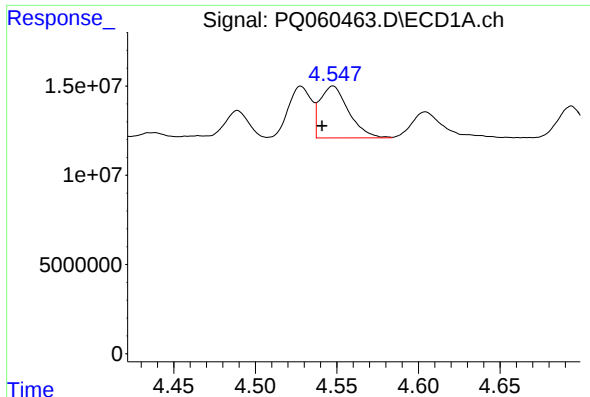
#12 AR-1232-2

R.T.: 4.275 min
Delta R.T.: 0.007 min
Response: 14045777
Conc: 52.59 ng/ml



#12 AR-1232-2

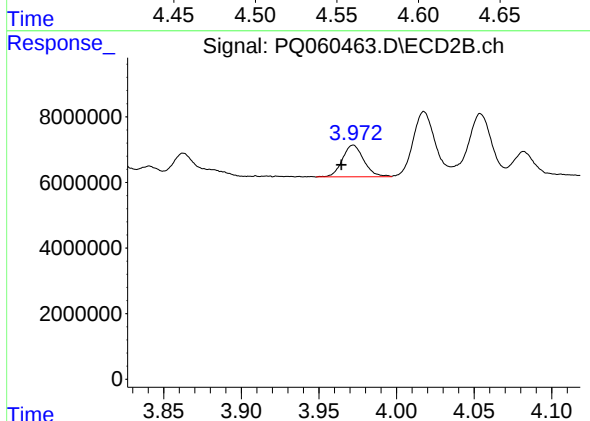
R.T.: 3.813 min
Delta R.T.: 0.008 min
Response: 15445827
Conc: 57.51 ng/ml



#13 AR-1232-3

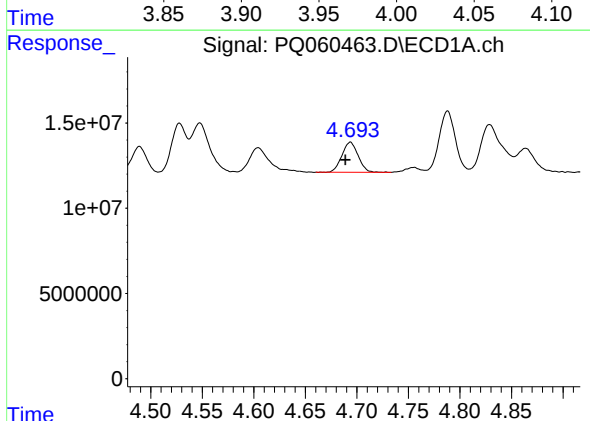
R.T.: 4.548 min
Delta R.T.: 0.007 min
Response: 35407340
Conc: 64.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



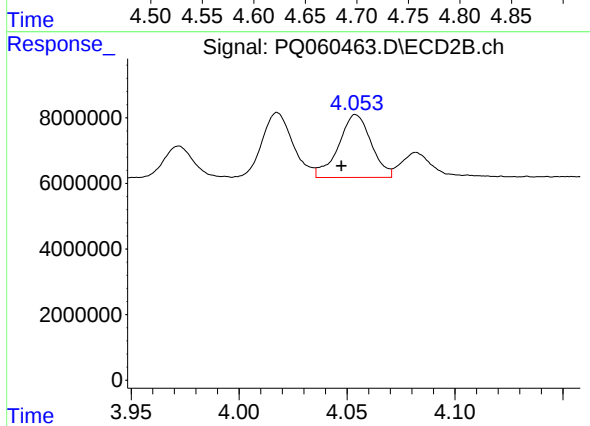
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: 0.008 min
Response: 9314243
Conc: 66.88 ng/ml



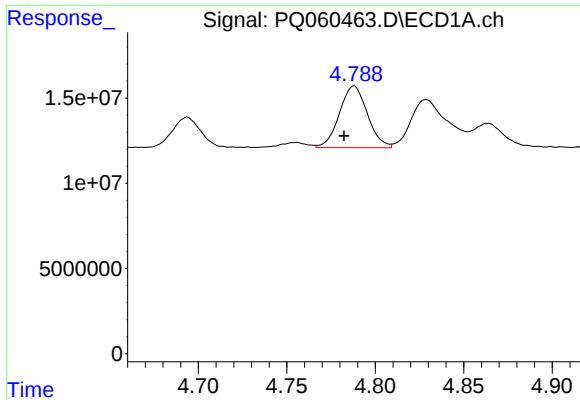
#14 AR-1232-4

R.T.: 4.694 min
Delta R.T.: 0.005 min
Response: 19457025
Conc: 72.02 ng/ml



#14 AR-1232-4

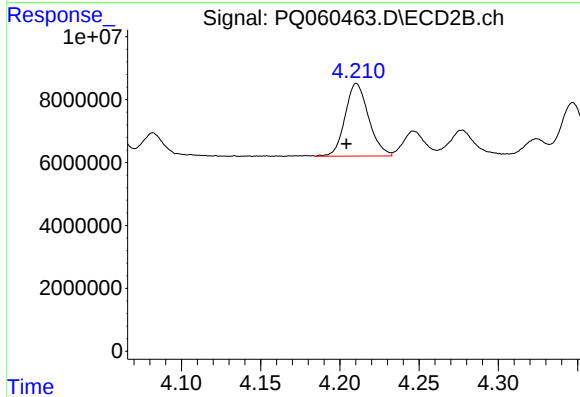
R.T.: 4.054 min
Delta R.T.: 0.007 min
Response: 20168234
Conc: 169.94 ng/ml



#15 AR-1232-5

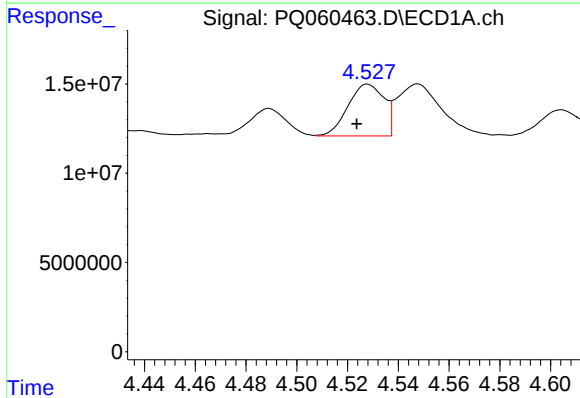
R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 39853091
Conc: 213.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



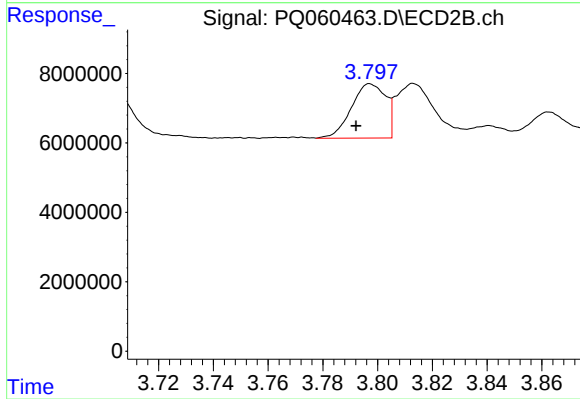
#15 AR-1232-5

R.T.: 4.210 min
Delta R.T.: 0.006 min
Response: 23880153
Conc: 175.24 ng/ml



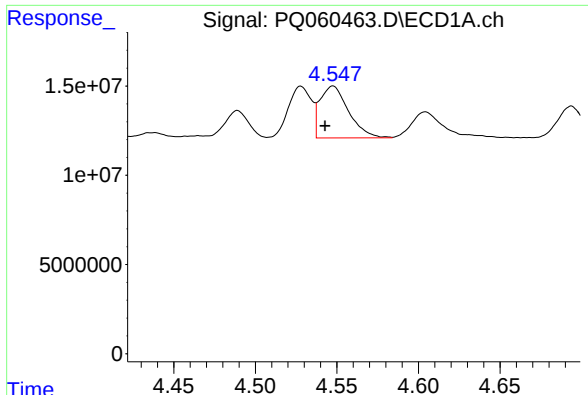
#16 AR-1242-1

R.T.: 4.528 min
Delta R.T.: 0.004 min
Response: 28588271
Conc: 46.30 ng/ml



#16 AR-1242-1

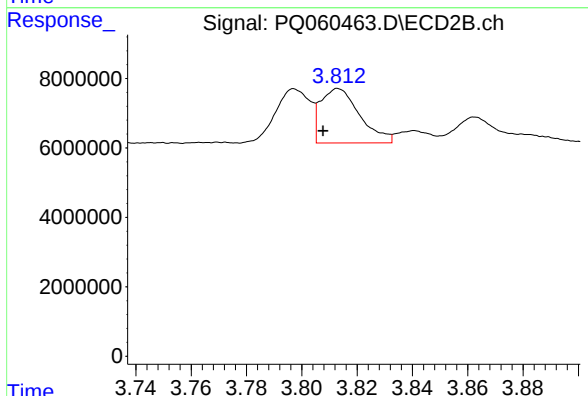
R.T.: 3.797 min
Delta R.T.: 0.005 min
Response: 13567121
Conc: 42.19 ng/ml



#17 AR-1242-2

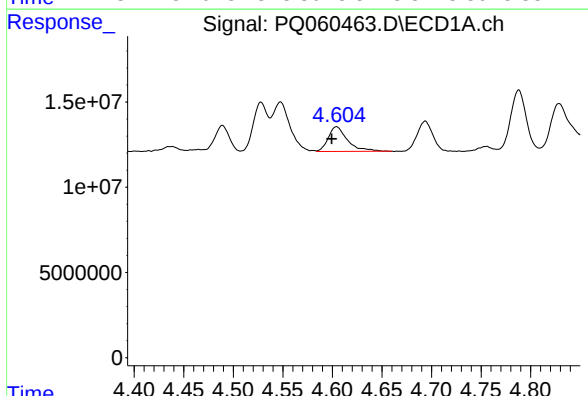
R.T.: 4.548 min
Delta R.T.: 0.005 min
Response: 35407340
Conc: 37.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



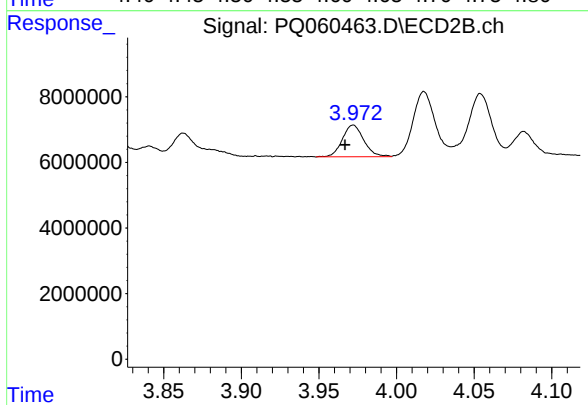
#17 AR-1242-2

R.T.: 3.813 min
Delta R.T.: 0.005 min
Response: 15445827
Conc: 32.24 ng/ml



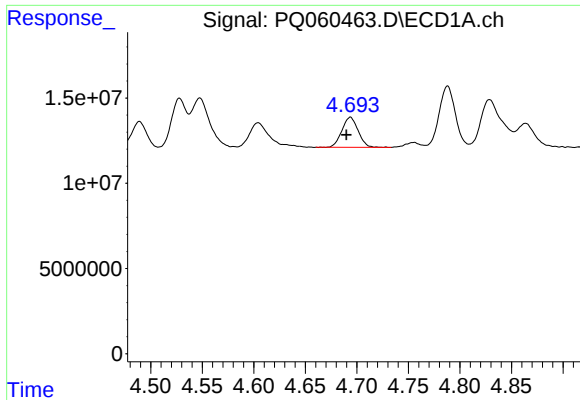
#18 AR-1242-3

R.T.: 4.604 min
Delta R.T.: 0.005 min
Response: 19511496
Conc: 33.78 ng/ml



#18 AR-1242-3

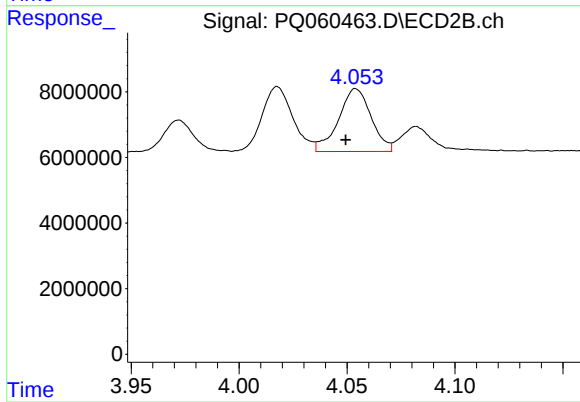
R.T.: 3.972 min
Delta R.T.: 0.005 min
Response: 9314243
Conc: 35.93 ng/ml



#19 AR-1242-4

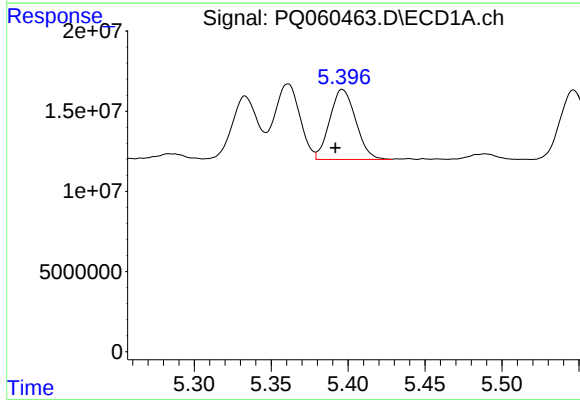
R.T.: 4.694 min
Delta R.T.: 0.004 min
Response: 19457025
Conc: 39.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



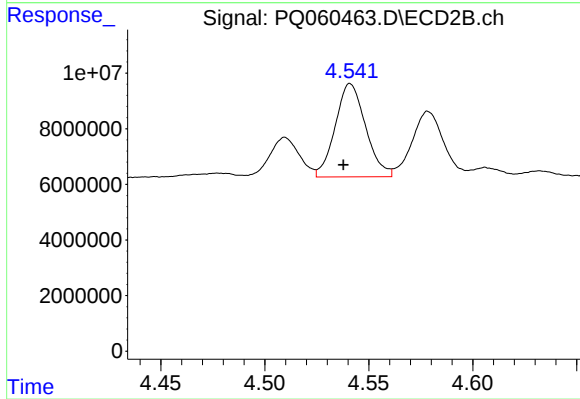
#19 AR-1242-4

R.T.: 4.054 min
Delta R.T.: 0.005 min
Response: 20168234
Conc: 84.26 ng/ml



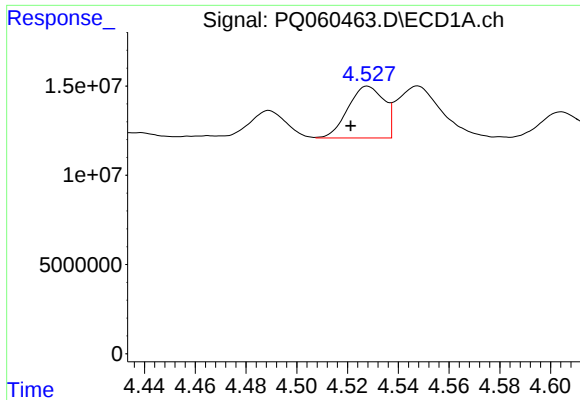
#20 AR-1242-5

R.T.: 5.396 min
Delta R.T.: 0.005 min
Response: 51304913
Conc: 102.87 ng/ml



#20 AR-1242-5

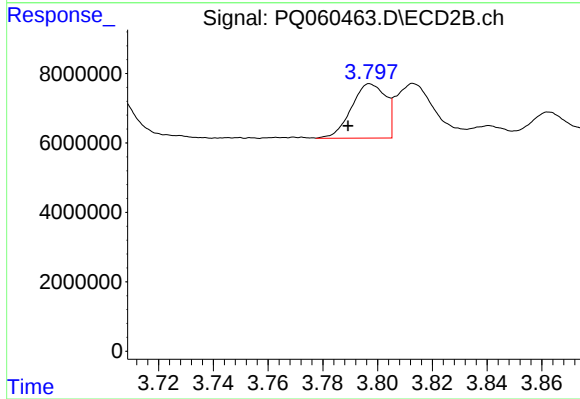
R.T.: 4.541 min
Delta R.T.: 0.003 min
Response: 34052718
Conc: 110.29 ng/ml



#21 AR-1248-1

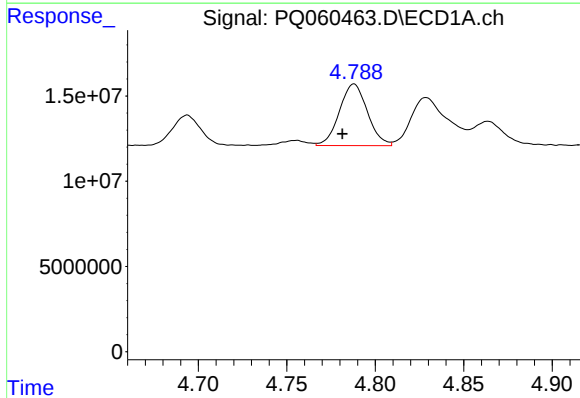
R.T.: 4.528 min
Delta R.T.: 0.007 min
Response: 28588271
Conc: 59.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



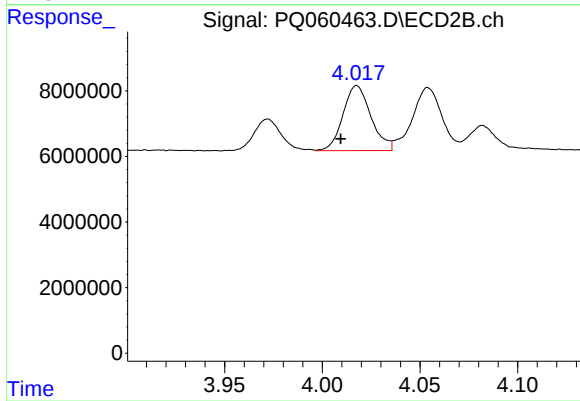
#21 AR-1248-1

R.T.: 3.797 min
Delta R.T.: 0.008 min
Response: 13567121
Conc: 55.39 ng/ml



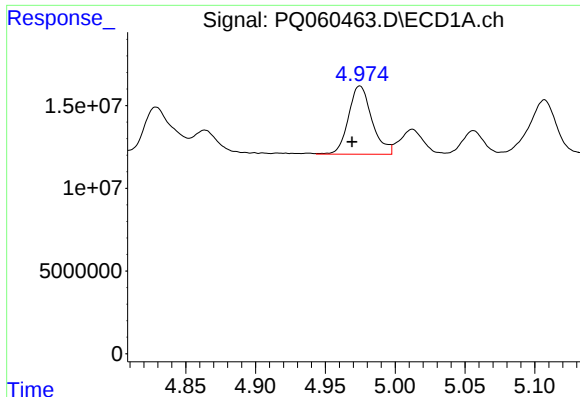
#22 AR-1248-2

R.T.: 4.788 min
Delta R.T.: 0.007 min
Response: 39853091
Conc: 64.08 ng/ml



#22 AR-1248-2

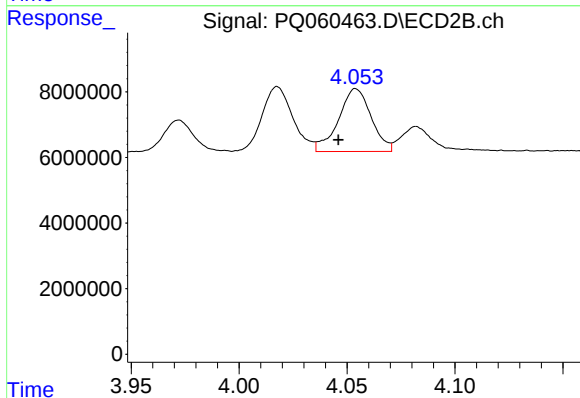
R.T.: 4.018 min
Delta R.T.: 0.008 min
Response: 19721200
Conc: 57.27 ng/ml



#23 AR-1248-3

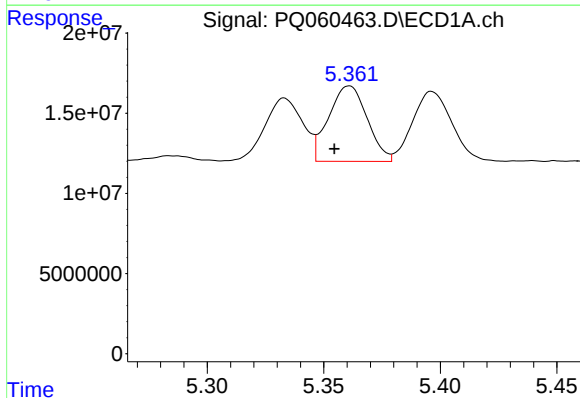
R.T.: 4.975 min
Delta R.T.: 0.006 min
Response: 48181452
Conc: 63.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



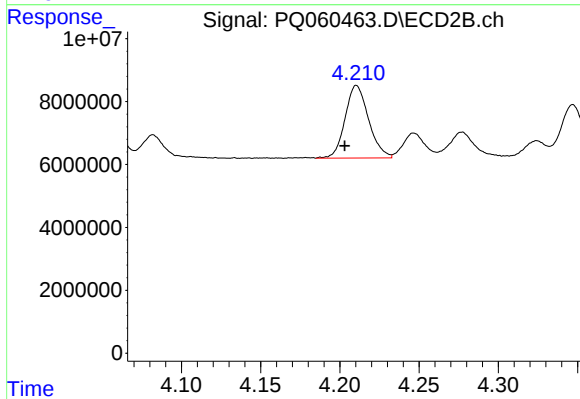
#23 AR-1248-3

R.T.: 4.054 min
Delta R.T.: 0.008 min
Response: 20168234
Conc: 57.85 ng/ml



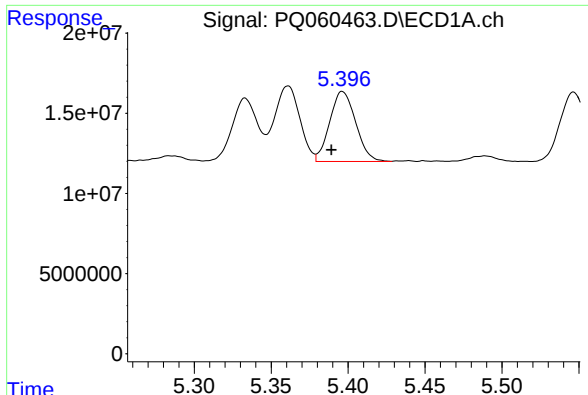
#24 AR-1248-4

R.T.: 5.361 min
Delta R.T.: 0.006 min
Response: 54188616
Conc: 64.89 ng/ml



#24 AR-1248-4

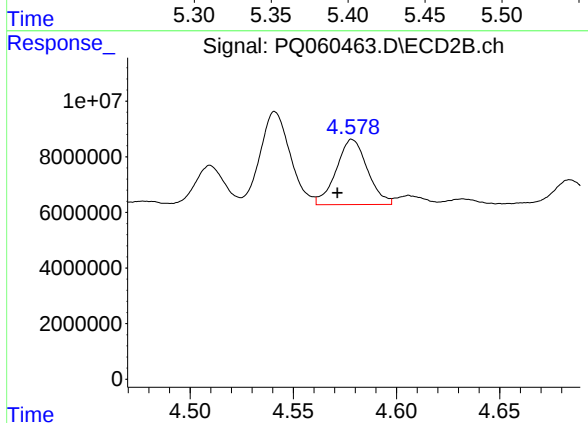
R.T.: 4.210 min
Delta R.T.: 0.008 min
Response: 23880153
Conc: 56.42 ng/ml



#25 AR-1248-5

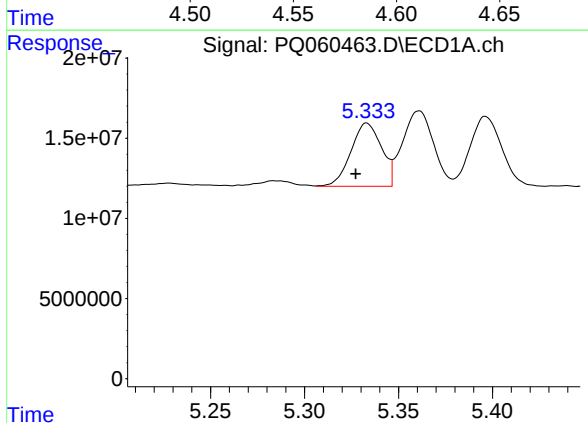
R.T.: 5.396 min
Delta R.T.: 0.007 min
Response: 51304913
Conc: 61.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



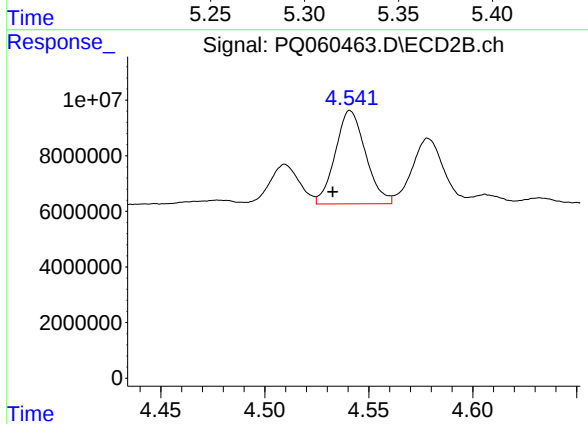
#25 AR-1248-5

R.T.: 4.578 min
Delta R.T.: 0.007 min
Response: 24725958
Conc: 58.09 ng/ml



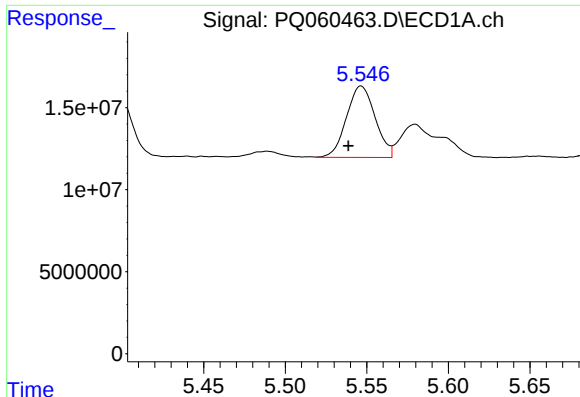
#26 AR-1254-1

R.T.: 5.333 min
Delta R.T.: 0.006 min
Response: 44682419
Conc: 53.42 ng/ml



#26 AR-1254-1

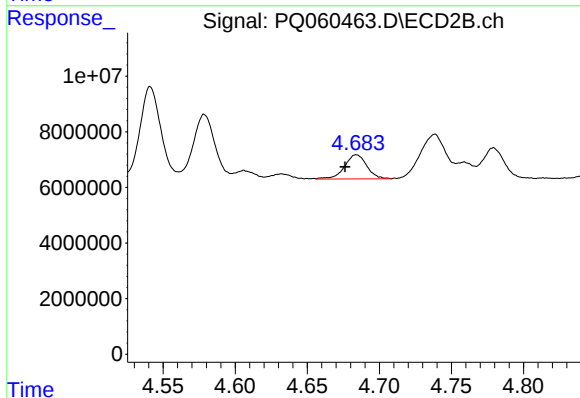
R.T.: 4.541 min
Delta R.T.: 0.008 min
Response: 34052718
Conc: 52.59 ng/ml



#27 AR-1254-2

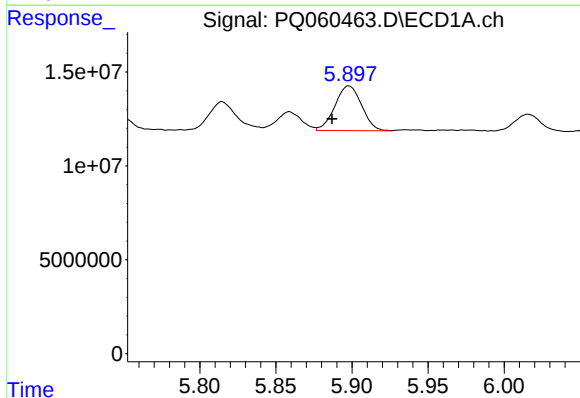
R.T.: 5.547 min
Delta R.T.: 0.008 min
Response: 53109889
Conc: 41.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



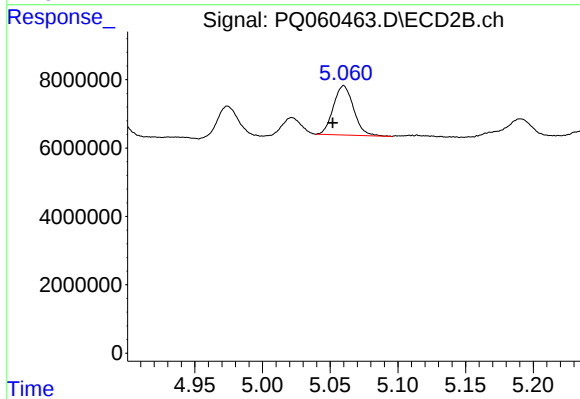
#27 AR-1254-2

R.T.: 4.684 min
Delta R.T.: 0.008 min
Response: 9268424
Conc: 16.83 ng/ml



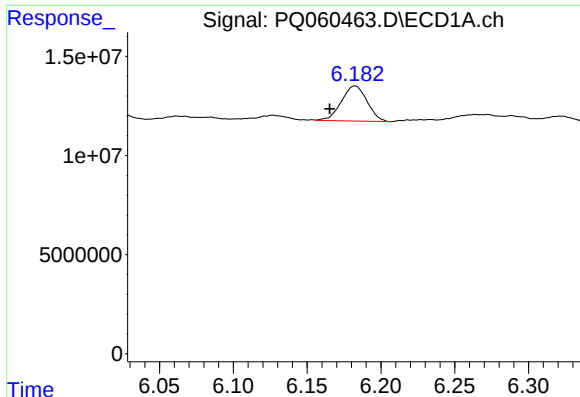
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.011 min
Response: 29056264
Conc: 21.39 ng/ml



#28 AR-1254-3

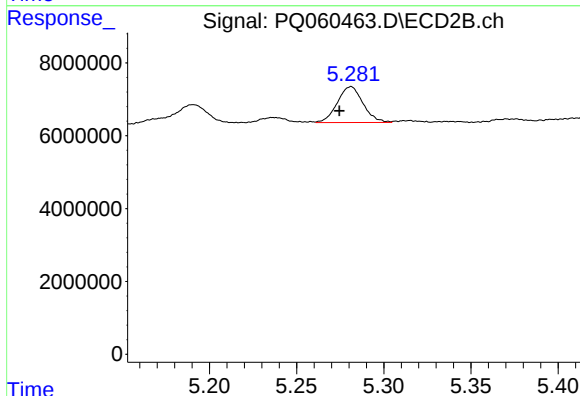
R.T.: 5.060 min
Delta R.T.: 0.008 min
Response: 15030824
Conc: 17.53 ng/ml



#29 AR-1254-4

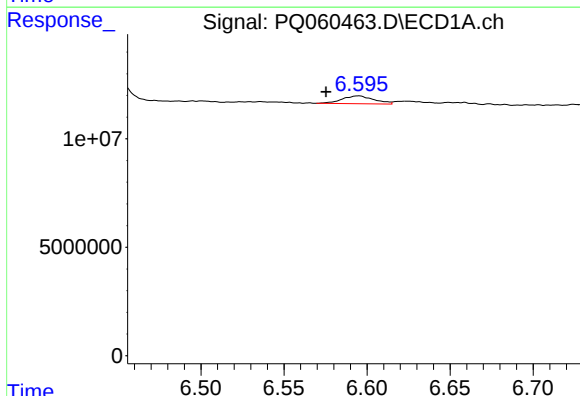
R.T.: 6.182 min
Delta R.T.: 0.017 min
Response: 21474456
Conc: 21.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



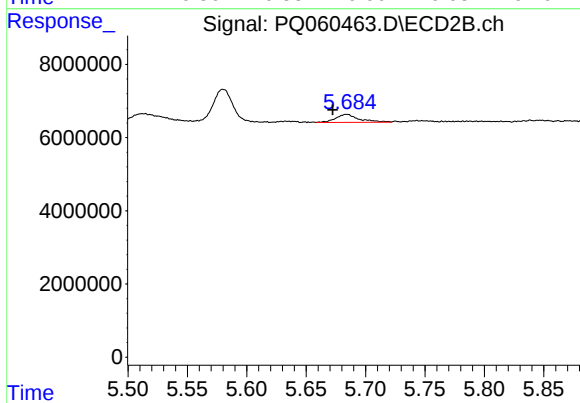
#29 AR-1254-4

R.T.: 5.281 min
Delta R.T.: 0.007 min
Response: 10121790
Conc: 18.08 ng/ml



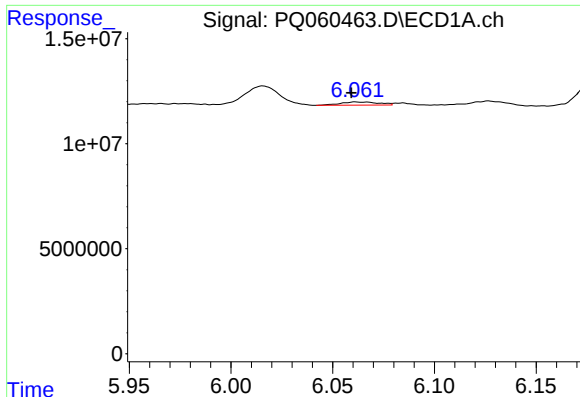
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.020 min
Response: 4775348
Conc: 4.55 ng/ml



#30 AR-1254-5

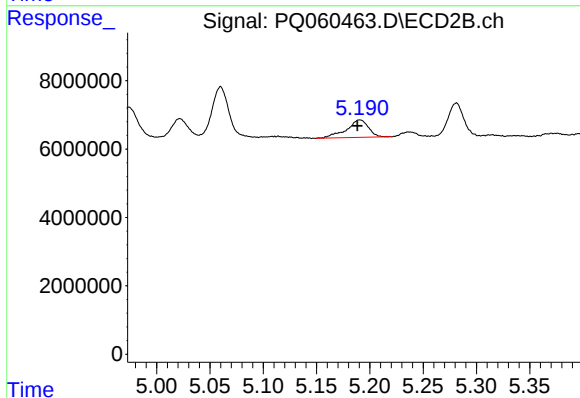
R.T.: 5.684 min
Delta R.T.: 0.012 min
Response: 3010676
Conc: 3.71 ng/ml



#31 AR-1260-1

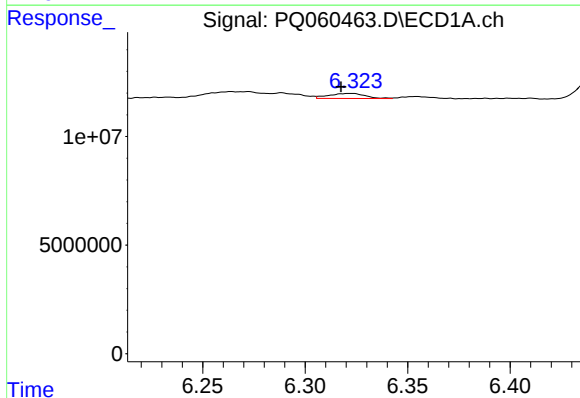
R.T.: 6.062 min
Delta R.T.: 0.002 min
Response: 2001937
Conc: 1.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



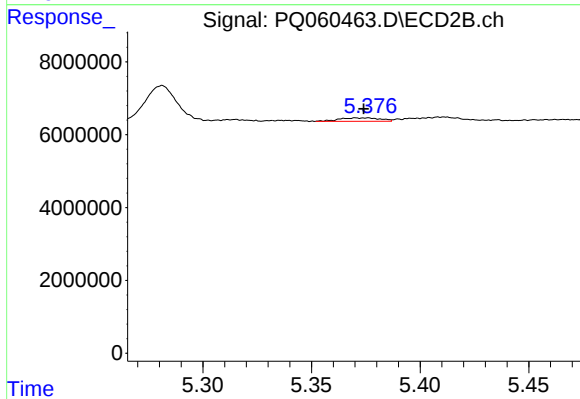
#31 AR-1260-1

R.T.: 5.191 min
Delta R.T.: 0.002 min
Response: 7347445
Conc: 11.96 ng/ml



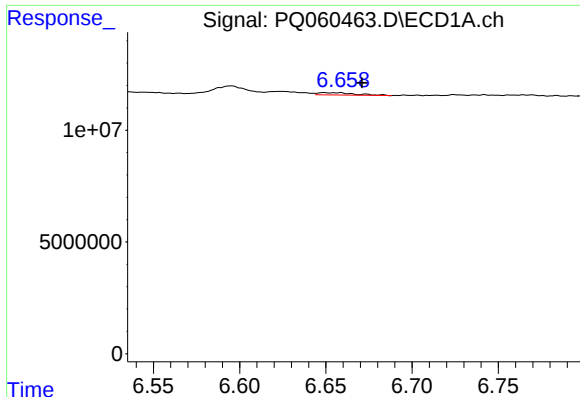
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.005 min
Response: 2850939
Conc: 2.30 ng/ml



#32 AR-1260-2

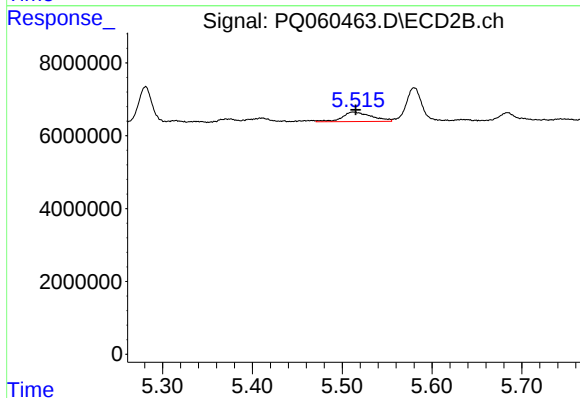
R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 1207161
Conc: 1.62 ng/ml



#33 AR-1260-3

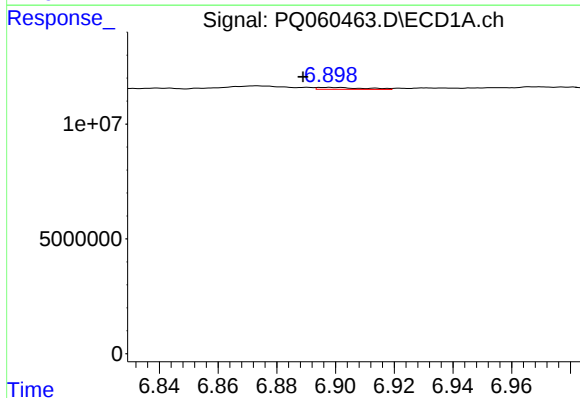
R.T.: 6.658 min
Delta R.T.: -0.013 min
Response: 1535482
Conc: 1.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



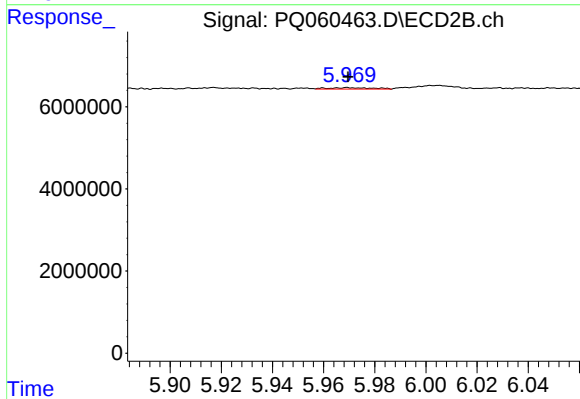
#33 AR-1260-3

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 5960028
Conc: 8.20 ng/ml



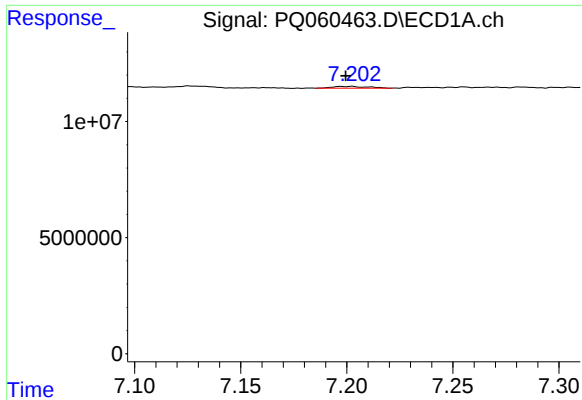
#34 AR-1260-4

R.T.: 6.897 min
Delta R.T.: 0.008 min
Response: 870348
Conc: 0.88 ng/ml



#34 AR-1260-4

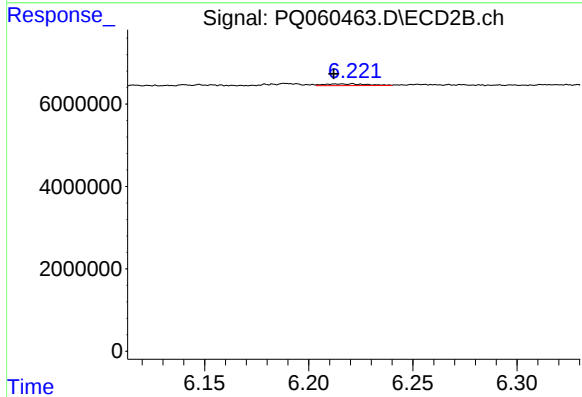
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 406036
Conc: 0.69 ng/ml



#35 AR-1260-5

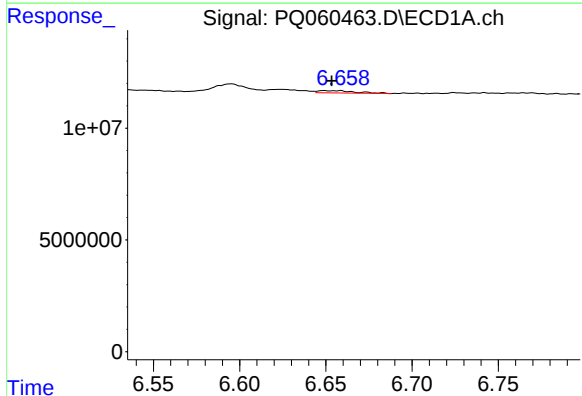
R.T.: 7.202 min
Delta R.T.: 0.003 min
Response: 854932
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



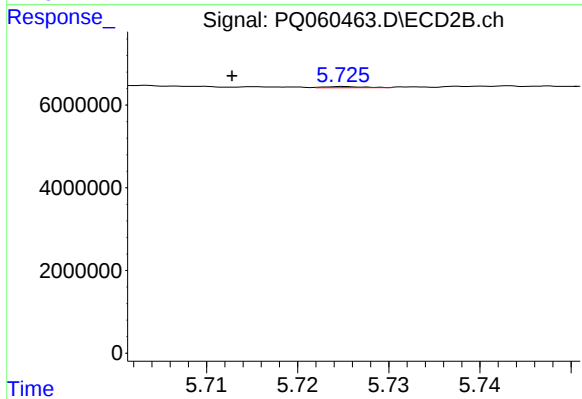
#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: 0.009 min
Response: 623932
Conc: 0.45 ng/ml



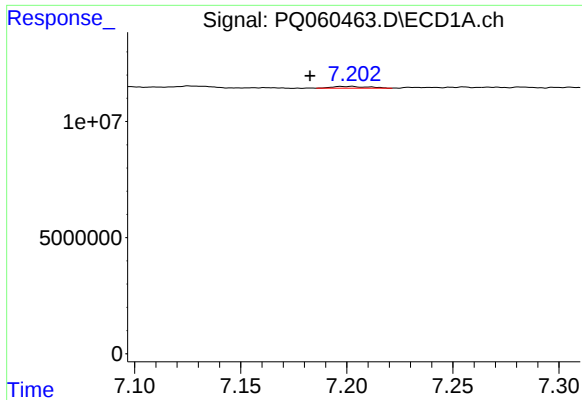
#36 AR-1262-1

R.T.: 6.658 min
Delta R.T.: 0.005 min
Response: 1535482
Conc: 1.34 ng/ml



#36 AR-1262-1

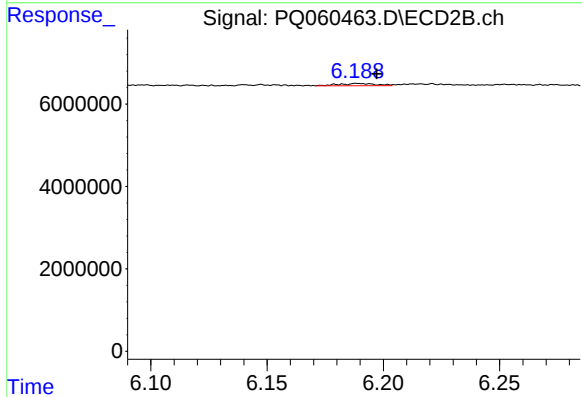
R.T.: 5.725 min
Delta R.T.: 0.012 min
Response: 86275
Conc: 0.11 ng/ml



#37 AR-1262-2

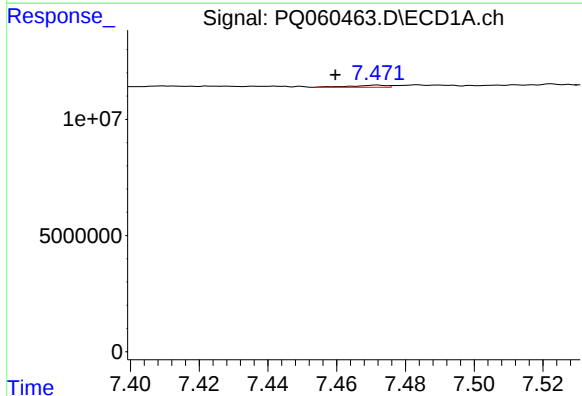
R.T.: 7.202 min
Delta R.T.: 0.020 min
Response: 854932
Conc: 0.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



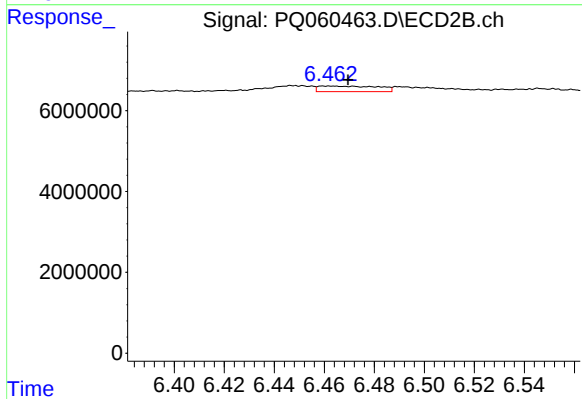
#37 AR-1262-2

R.T.: 6.189 min
Delta R.T.: -0.008 min
Response: 601469
Conc: 0.42 ng/ml



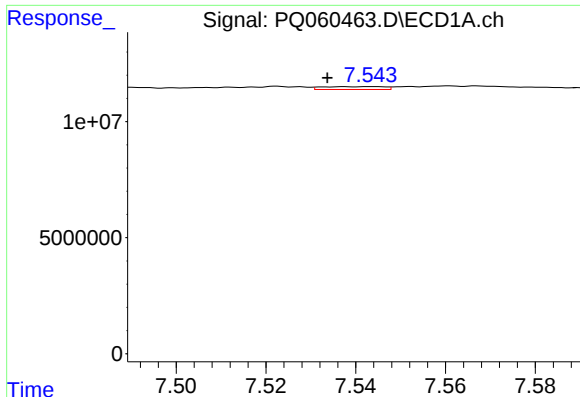
#38 AR-1262-3

R.T.: 7.472 min
Delta R.T.: 0.012 min
Response: 609964
Conc: 0.47 ng/ml



#38 AR-1262-3

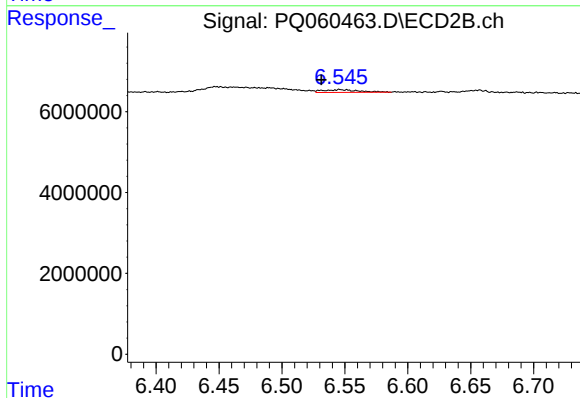
R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 2297955
Conc: 4.05 ng/ml



#39 AR-1262-4

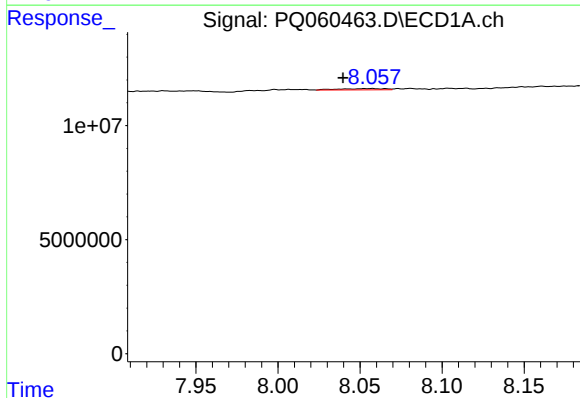
R.T.: 7.543 min
Delta R.T.: 0.010 min
Response: 1180655
Conc: 1.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



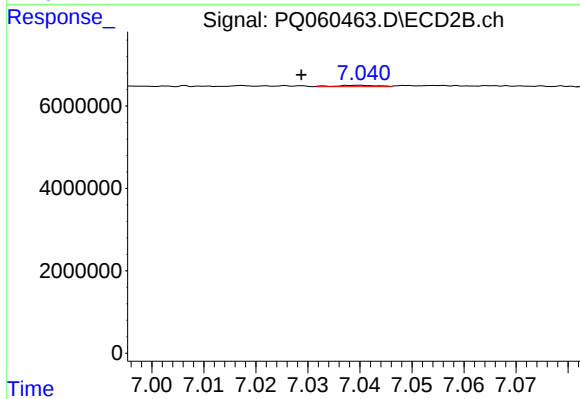
#39 AR-1262-4

R.T.: 6.546 min
Delta R.T.: 0.015 min
Response: 1281765
Conc: 1.20 ng/ml



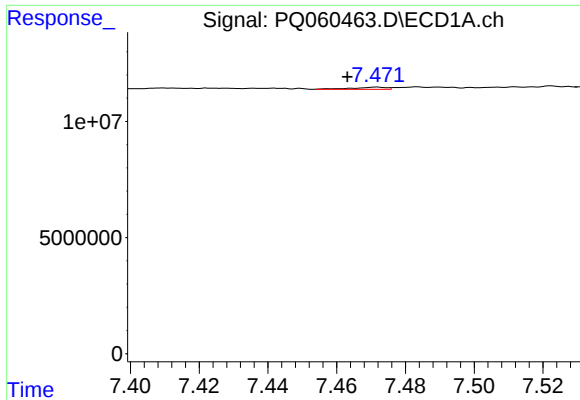
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.018 min
Response: 1004640
Conc: 1.54 ng/ml



#40 AR-1262-5

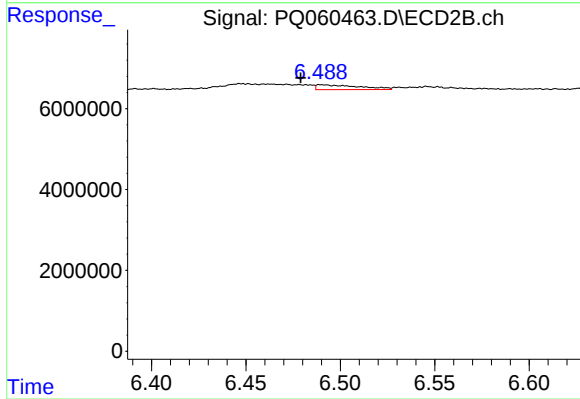
R.T.: 7.040 min
Delta R.T.: 0.011 min
Response: 178405
Conc: 0.34 ng/ml



#41 AR-1268-1

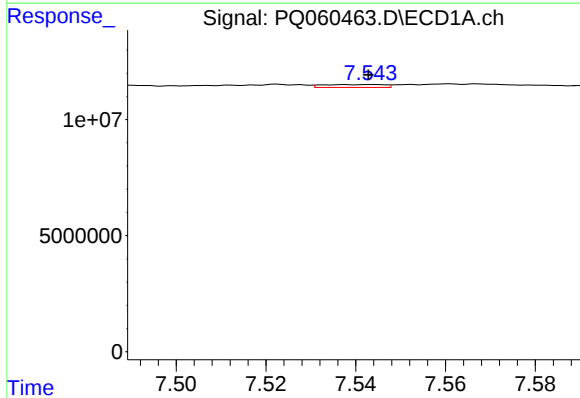
R.T.: 7.472 min
Delta R.T.: 0.009 min
Response: 609964
Conc: 0.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



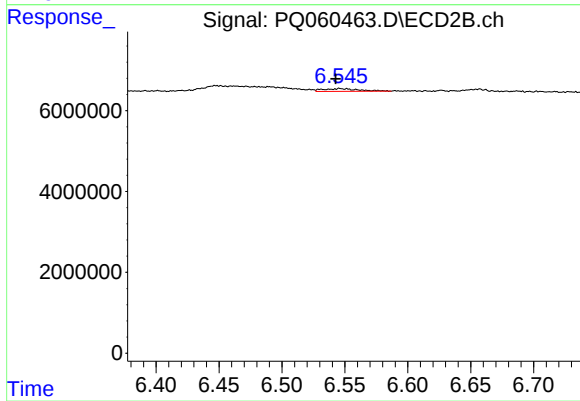
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.011 min
Response: 1856816
Conc: 1.10 ng/ml



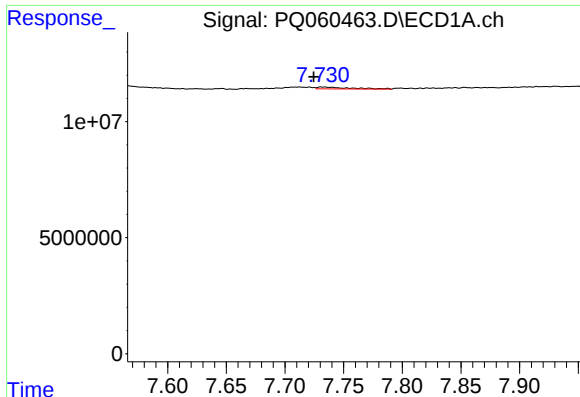
#42 AR-1268-2

R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 1180655
Conc: 0.56 ng/ml



#42 AR-1268-2

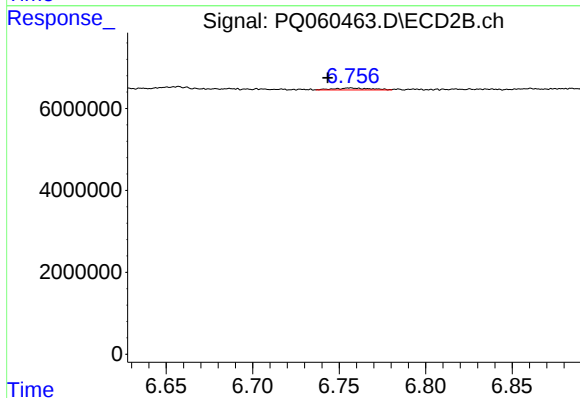
R.T.: 6.546 min
Delta R.T.: 0.003 min
Response: 1281765
Conc: 0.82 ng/ml



#43 AR-1268-3

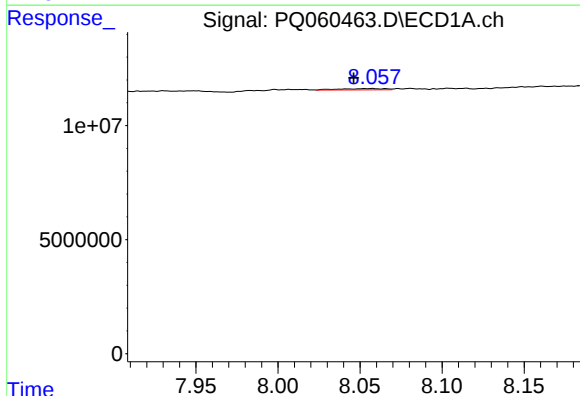
R.T.: 7.731 min
Delta R.T.: 0.007 min
Response: 1534024
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



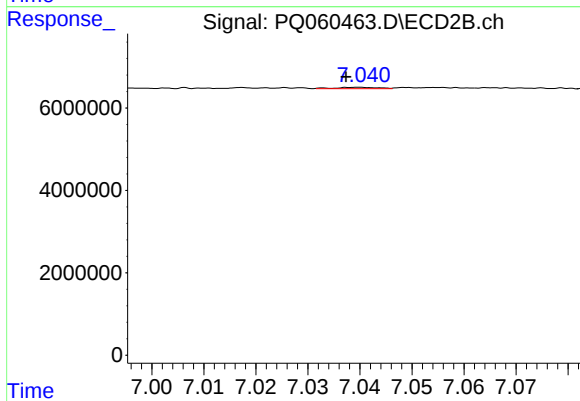
#43 AR-1268-3

R.T.: 6.756 min
Delta R.T.: 0.013 min
Response: 727257
Conc: 0.53 ng/ml



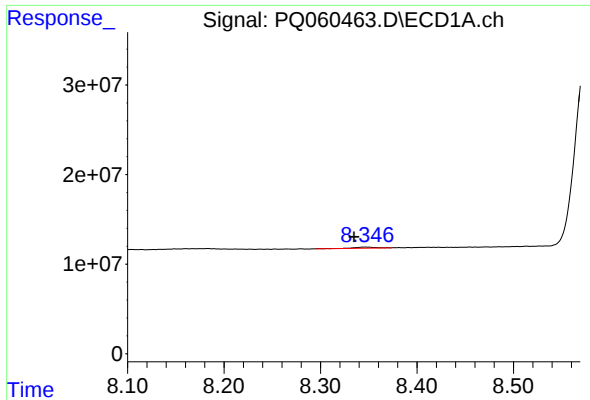
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.011 min
Response: 1004640
Conc: 1.35 ng/ml



#44 AR-1268-4

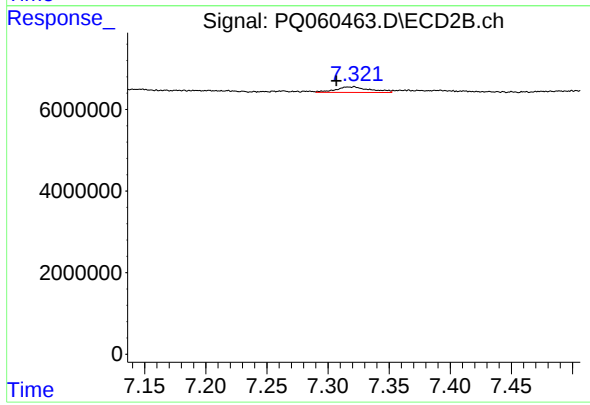
R.T.: 7.040 min
Delta R.T.: 0.002 min
Response: 178405
Conc: 0.30 ng/ml



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: 0.011 min
Response: 2038835
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.321 min
Delta R.T.: 0.014 min
Response: 2654421
Conc: 0.62 ng/ml