

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072823\
 Data File : PQ062769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2023 15:50
 Operator : YP\AJ
 Sample : 03813-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 22:41:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 27 01:22:50 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...	3.402	2.754	87474990	66540926	19.404	21.866
2)	SA Decachlor...	8.587	7.524	61066135	46628658	16.550	14.337
Target Compounds							
3)	L1 AR-1016-1	4.529f	3.772	7052491	3888644	47.916	39.268
4)	L1 AR-1016-2	4.529	3.772	7052491	3888644	30.993	26.263
5)	L1 AR-1016-3	4.589	3.933	2041579	2588846	14.463	32.822 #
6)	L1 AR-1016-4	4.668	3.981	4875728	6318272	42.219	96.335 #
7)	L1 AR-1016-5	4.959	4.175	8548797	10236603	73.742	127.192 #
8)	L2 AR-1221-1	3.586	2.953	1799258	141102	31.575	3.426 #
9)	L2 AR-1221-2	3.682	3.041	1937223	292316	48.853	9.556 #
10)	L2 AR-1221-3	3.756	3.103	433579	922633	3.221	9.459 #
11)	L3 AR-1232-1	3.756	3.103	433579	922633	3.853	11.691 #
12)	L3 AR-1232-2	4.250	3.772	5011931	3888644	87.324	55.912 #
13)	L3 AR-1232-3	4.529	3.933	7052491	2588846	69.082	73.237
14)	L3 AR-1232-4	4.668	4.016	4875728	5428037	94.123	180.168 #
15)	L3 AR-1232-5	4.769	4.175	7038285	10236603	185.255	276.541 #
16)	L4 AR-1242-1	4.529f	3.772	7052491	3888644	54.654	43.404
17)	L4 AR-1242-2	4.529	3.772	7052491	3888644	35.044	29.520
18)	L4 AR-1242-3	4.589	3.933	2041579	2588846	16.202	37.164 #
19)	L4 AR-1242-4	4.668	4.016	4875728	5428037	47.105	84.497 #
20)	L4 AR-1242-5	5.388	4.510	9894807	10389925	88.192	126.392 #
21)	L5 AR-1248-1	4.529f	3.772	7052491	3888644	71.993	58.050
22)	L5 AR-1248-2	4.769	3.981	7038285	6318272	51.174	67.326 #
23)	L5 AR-1248-3	4.959	4.016	8548797	5428037	50.957	60.607
24)	L5 AR-1248-4	5.357	4.175	1647594	10236603	8.663	92.338 #
25)	L5 AR-1248-5	5.388	4.548	9894807	9143448	52.850	82.296 #
26)	L6 AR-1254-1	5.325	4.510	8895228	10389925	45.954	62.676 #
27)	L6 AR-1254-2	5.539	4.658	10119580	7763150	33.019	53.617 #
28)	L6 AR-1254-3	5.897	5.038	11618464	9425776	35.529	41.548
29)	L6 AR-1254-4	6.181	5.266	4971671	3363747	20.425	22.725
30)	L6 AR-1254-5	6.595	5.670	6193640	5770353	23.734	27.581
31)	L7 AR-1260-1	6.062	5.165	3117383	7132682	13.466	46.289 #
32)	L7 AR-1260-2	6.320	5.358	6213974	3004738	22.119	16.031 #
33)	L7 AR-1260-3	6.678	5.496	1335298	3197908	6.639	17.937 #
34)	L7 AR-1260-4	6.895	5.960	1278589	1243002	5.565	8.342 #
35)	L7 AR-1260-5	7.205	6.208	3285292	1819442	7.125	5.404
36)	L8 AR-1262-1	6.678	5.712	1335298	1318868	4.321	6.140 #
37)	L8 AR-1262-2	7.205	5.960	3285292	1243002	6.054	6.277
38)	L8 AR-1262-3	7.484	6.488	2249897	1204569	6.173	7.384
39)	L8 AR-1262-4	7.557	6.543	871468	1695377	3.123	5.657 #
40)	L8 AR-1262-5	8.063	7.040	2499846	721352	13.399	4.794 #
41)	L9 AR-1268-1	7.484	6.488	2249897	1204569	3.544	2.540 #

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 ALS Vial : 18 Sample Multiplier: 1

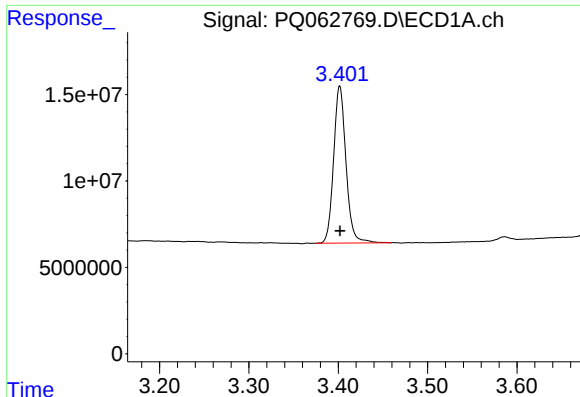
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 22:41:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072623.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	7.557	6.543	871468	1695377	1.511	3.917 #
43) L9	AR-1268-3	7.742	6.755	867059	646823	1.795	1.700
44) L9	AR-1268-4	8.063	7.040	2499846	721352	11.866	4.333 #
45) L9	AR-1268-5	8.353	7.310	1258607	2050901	0.872	1.666 #

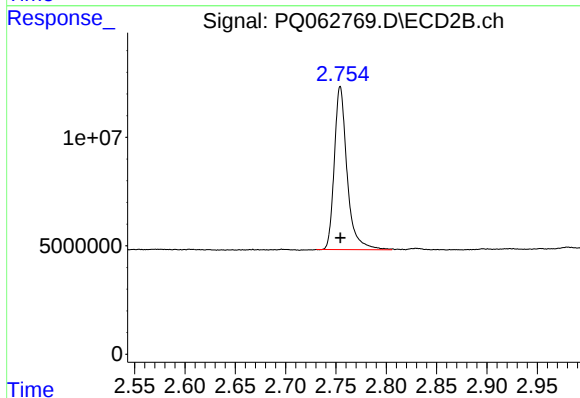
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

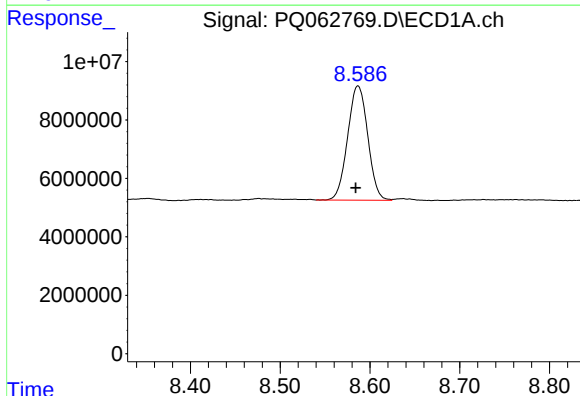
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 87474990
Conc: 19.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



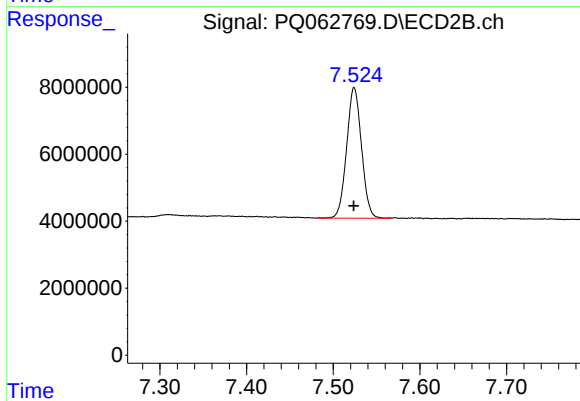
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: 0.000 min
Response: 66540926
Conc: 21.87 ng/ml



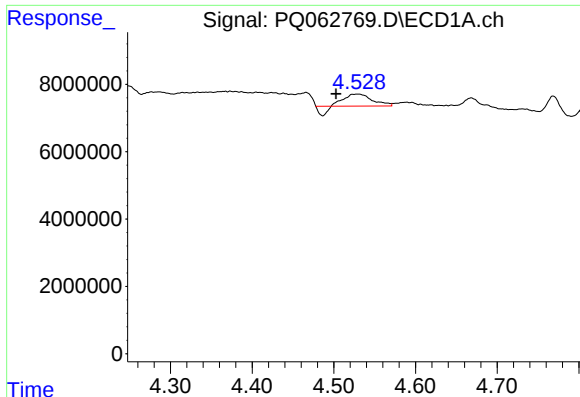
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 61066135
Conc: 16.55 ng/ml



#2 Decachlorobiphenyl

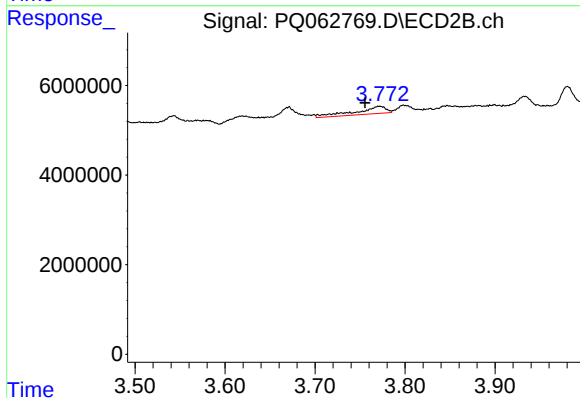
R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 46628658
Conc: 14.34 ng/ml



#3 AR-1016-1

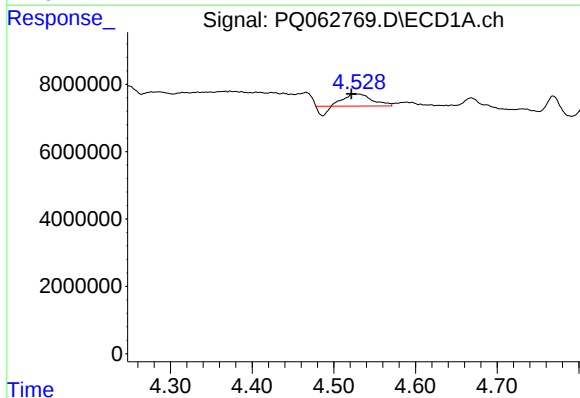
R.T.: 4.529 min
Delta R.T.: 0.027 min
Response: 7052491
Conc: 47.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



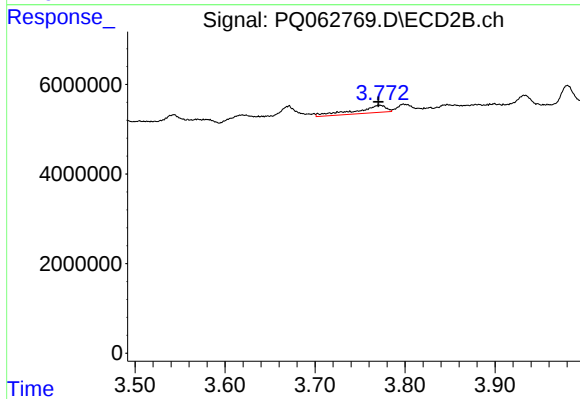
#3 AR-1016-1

R.T.: 3.772 min
Delta R.T.: 0.016 min
Response: 3888644
Conc: 39.27 ng/ml



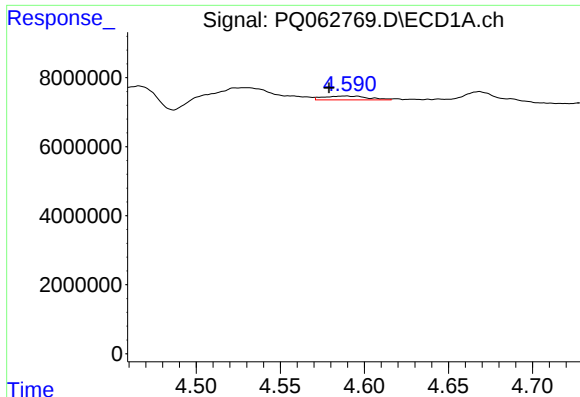
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.008 min
Response: 7052491
Conc: 30.99 ng/ml



#4 AR-1016-2

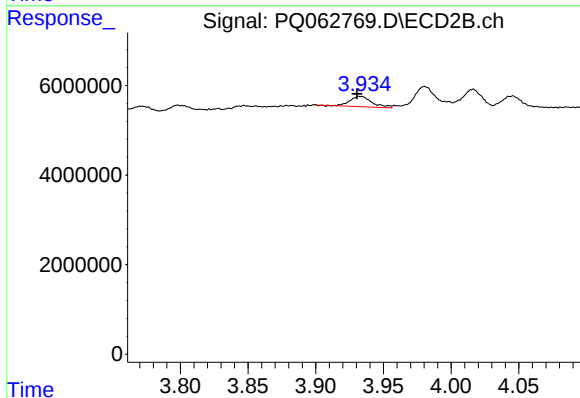
R.T.: 3.772 min
Delta R.T.: 0.001 min
Response: 3888644
Conc: 26.26 ng/ml



#5 AR-1016-3

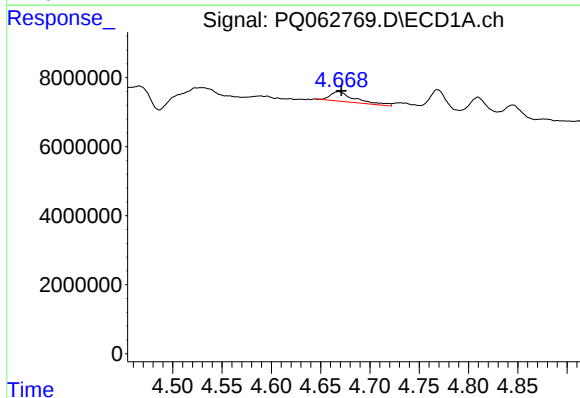
R.T.: 4.589 min
Delta R.T.: 0.010 min
Response: 2041579
Conc: 14.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



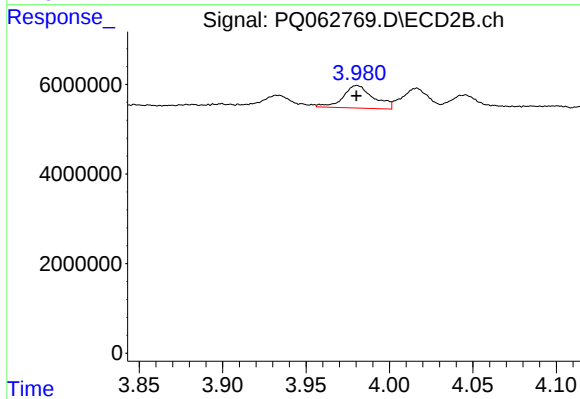
#5 AR-1016-3

R.T.: 3.933 min
Delta R.T.: 0.003 min
Response: 2588846
Conc: 32.82 ng/ml



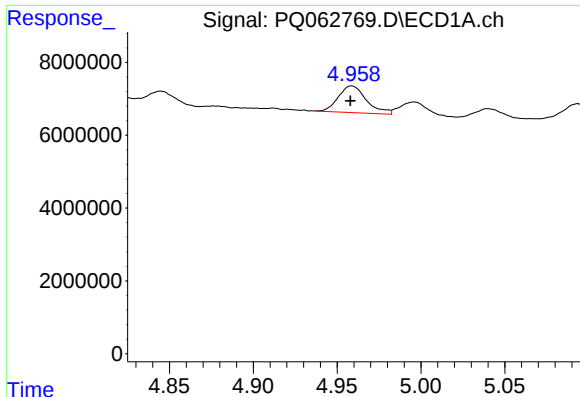
#6 AR-1016-4

R.T.: 4.668 min
Delta R.T.: -0.003 min
Response: 4875728
Conc: 42.22 ng/ml



#6 AR-1016-4

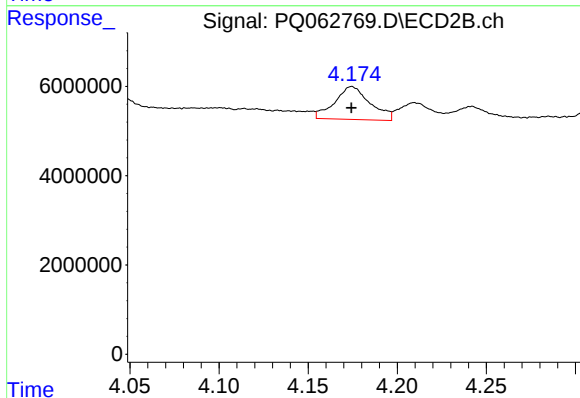
R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 6318272
Conc: 96.33 ng/ml



#7 AR-1016-5

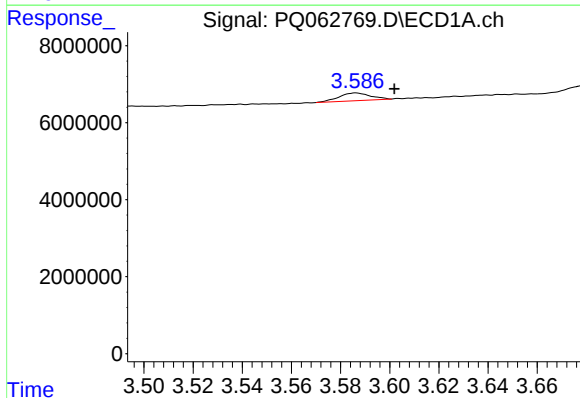
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 8548797
Conc: 73.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



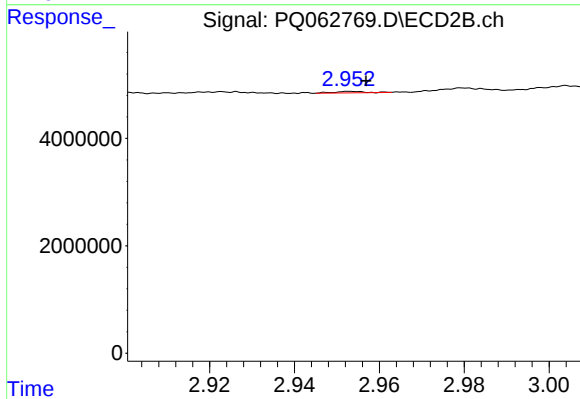
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 10236603
Conc: 127.19 ng/ml



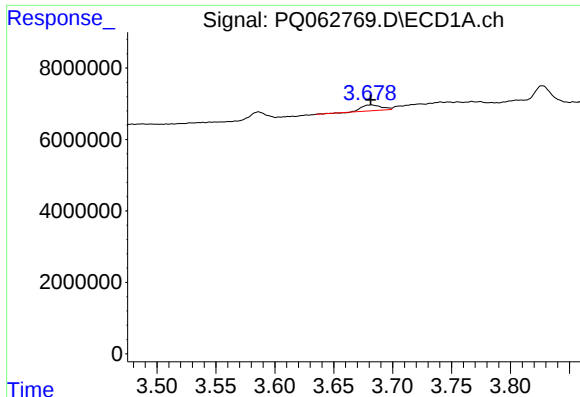
#8 AR-1221-1

R.T.: 3.586 min
Delta R.T.: -0.016 min
Response: 1799258
Conc: 31.58 ng/ml



#8 AR-1221-1

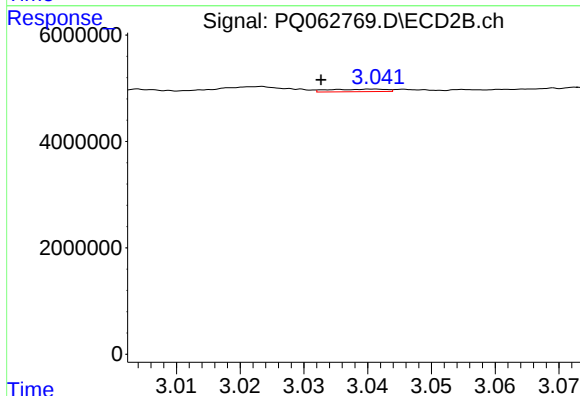
R.T.: 2.953 min
Delta R.T.: -0.004 min
Response: 141102
Conc: 3.43 ng/ml



#9 AR-1221-2

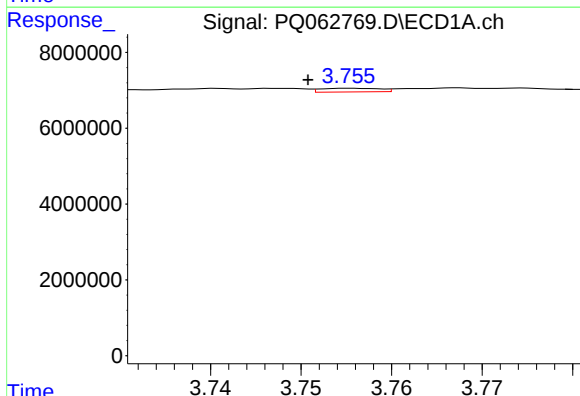
R.T.: 3.682 min
Delta R.T.: 0.000 min
Response: 1937223
Conc: 48.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



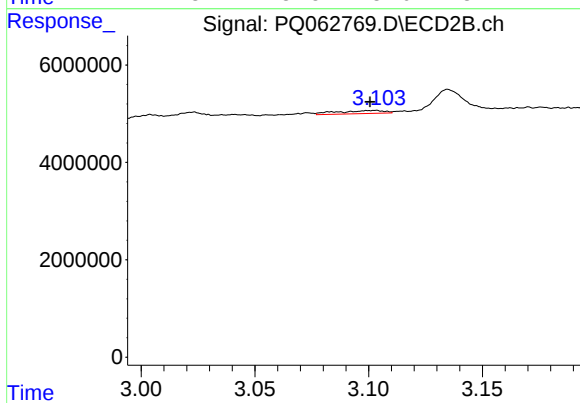
#9 AR-1221-2

R.T.: 3.041 min
Delta R.T.: 0.008 min
Response: 292316
Conc: 9.56 ng/ml



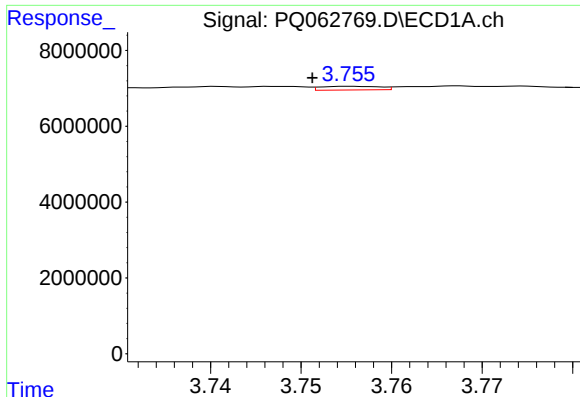
#10 AR-1221-3

R.T.: 3.756 min
Delta R.T.: 0.005 min
Response: 433579
Conc: 3.22 ng/ml



#10 AR-1221-3

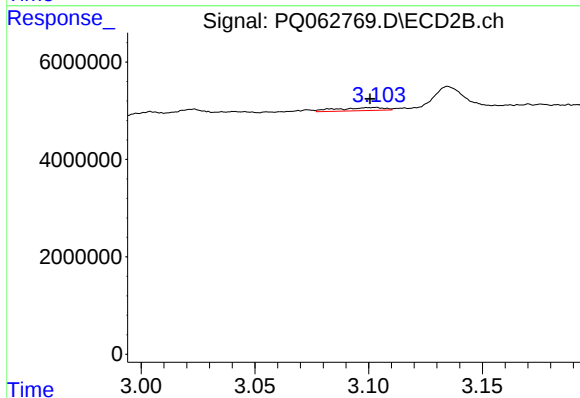
R.T.: 3.103 min
Delta R.T.: 0.003 min
Response: 922633
Conc: 9.46 ng/ml



#11 AR-1232-1

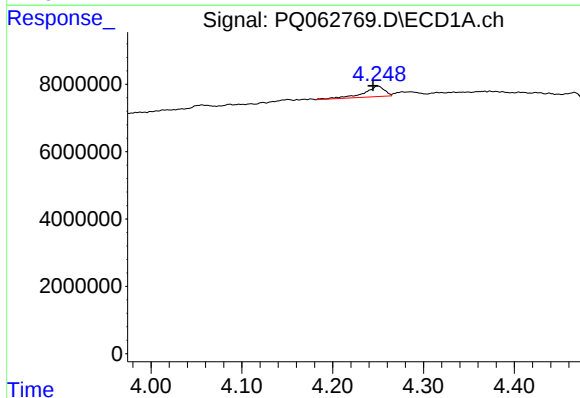
R.T.: 3.756 min
Delta R.T.: 0.004 min
Response: 433579
Conc: 3.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



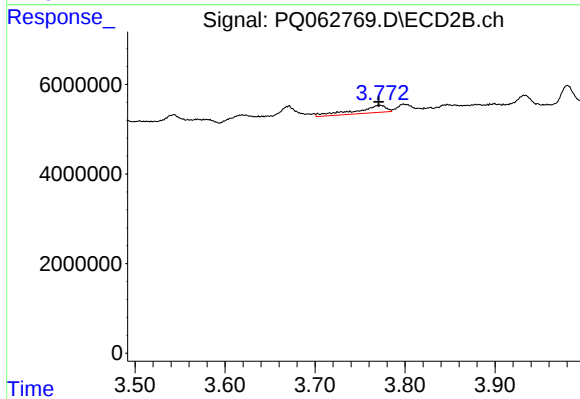
#11 AR-1232-1

R.T.: 3.103 min
Delta R.T.: 0.003 min
Response: 922633
Conc: 11.69 ng/ml



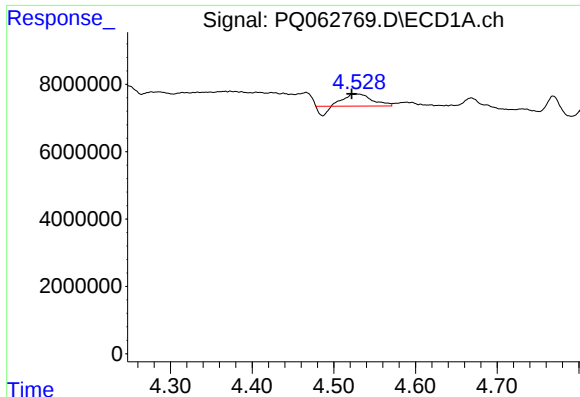
#12 AR-1232-2

R.T.: 4.250 min
Delta R.T.: 0.005 min
Response: 5011931
Conc: 87.32 ng/ml



#12 AR-1232-2

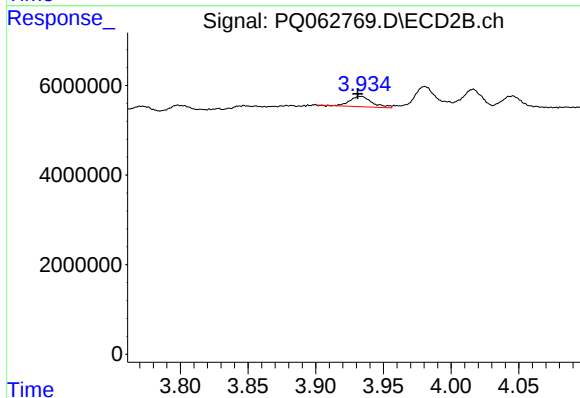
R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 3888644
Conc: 55.91 ng/ml



#13 AR-1232-3

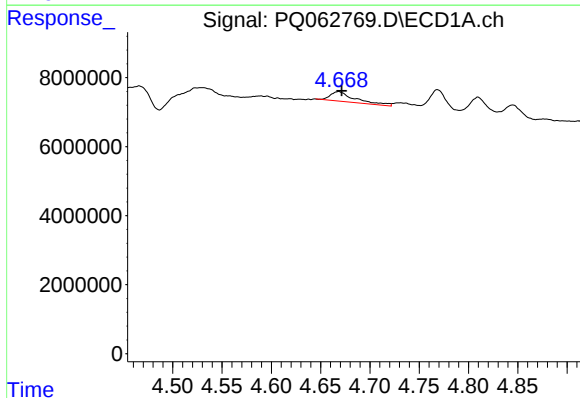
R.T.: 4.529 min
Delta R.T.: 0.007 min
Response: 7052491
Conc: 69.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



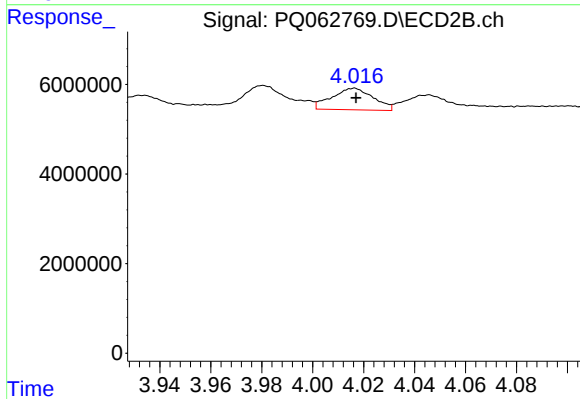
#13 AR-1232-3

R.T.: 3.933 min
Delta R.T.: 0.002 min
Response: 2588846
Conc: 73.24 ng/ml



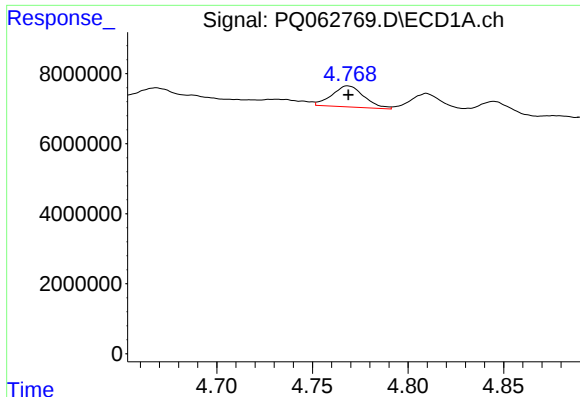
#14 AR-1232-4

R.T.: 4.668 min
Delta R.T.: -0.003 min
Response: 4875728
Conc: 94.12 ng/ml



#14 AR-1232-4

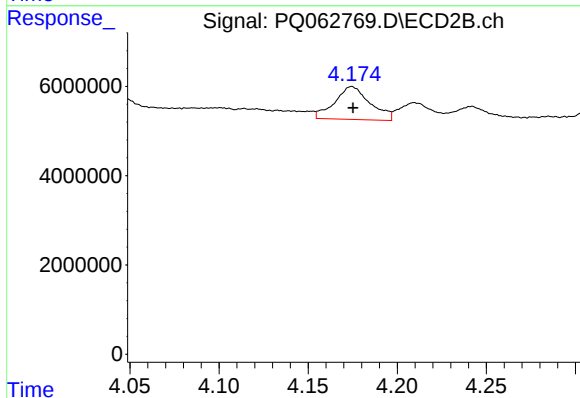
R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 5428037
Conc: 180.17 ng/ml



#15 AR-1232-5

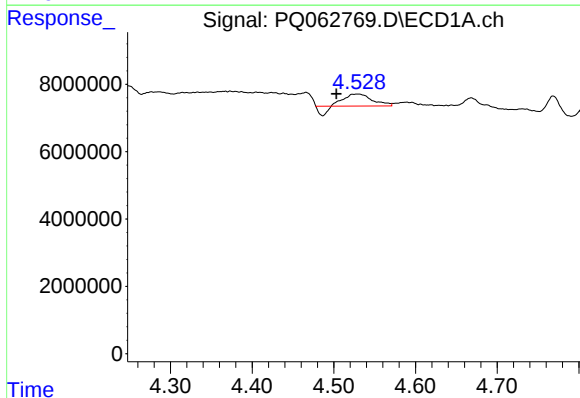
R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 7038285
Conc: 185.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



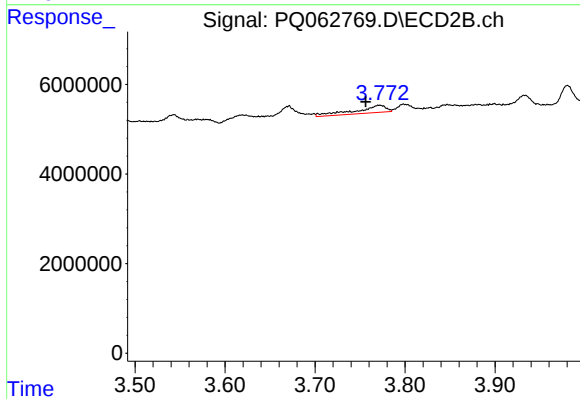
#15 AR-1232-5

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 10236603
Conc: 276.54 ng/ml



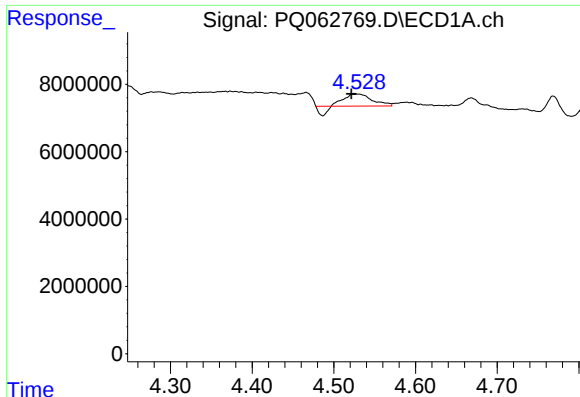
#16 AR-1242-1

R.T.: 4.529 min
Delta R.T.: 0.026 min
Response: 7052491
Conc: 54.65 ng/ml



#16 AR-1242-1

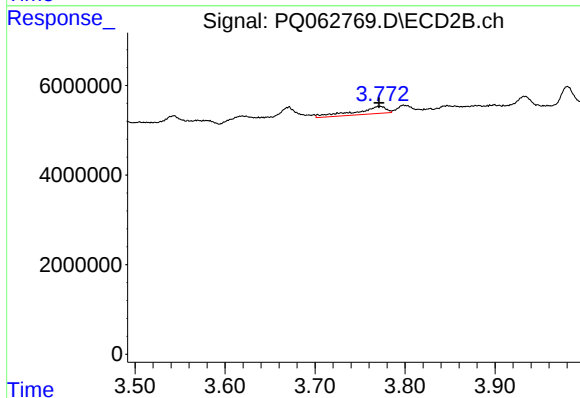
R.T.: 3.772 min
Delta R.T.: 0.015 min
Response: 3888644
Conc: 43.40 ng/ml



#17 AR-1242-2

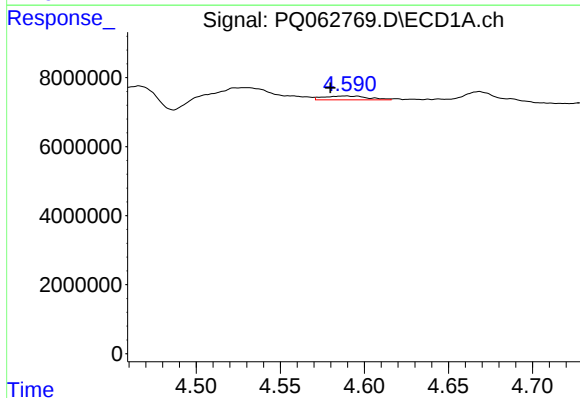
R.T.: 4.529 min
Delta R.T.: 0.008 min
Response: 7052491
Conc: 35.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



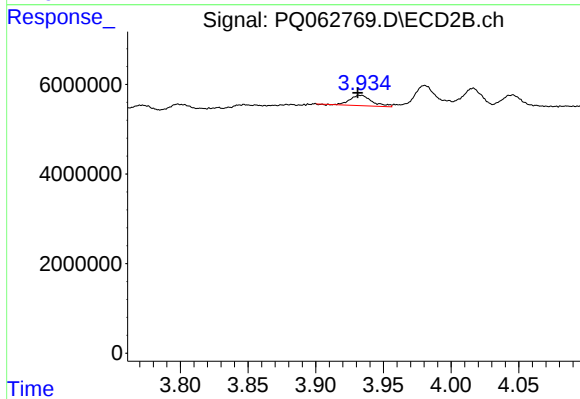
#17 AR-1242-2

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 3888644
Conc: 29.52 ng/ml



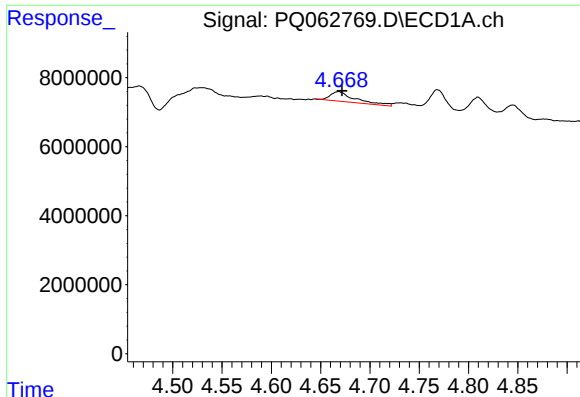
#18 AR-1242-3

R.T.: 4.589 min
Delta R.T.: 0.009 min
Response: 2041579
Conc: 16.20 ng/ml



#18 AR-1242-3

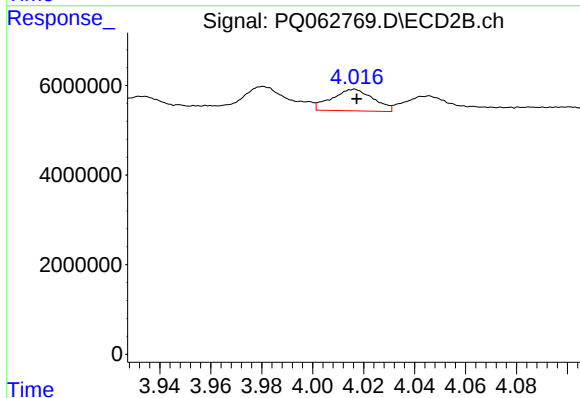
R.T.: 3.933 min
Delta R.T.: 0.002 min
Response: 2588846
Conc: 37.16 ng/ml



#19 AR-1242-4

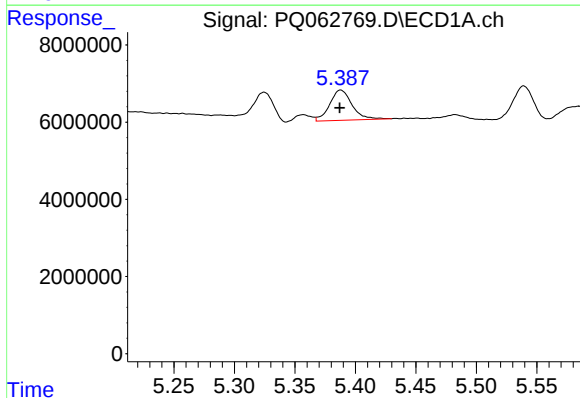
R.T.: 4.668 min
Delta R.T.: -0.004 min
Response: 4875728
Conc: 47.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



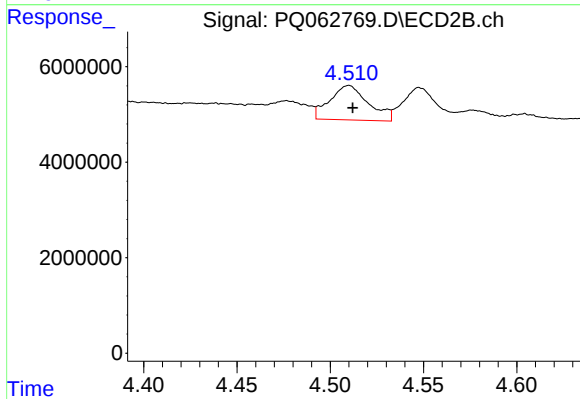
#19 AR-1242-4

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 5428037
Conc: 84.50 ng/ml



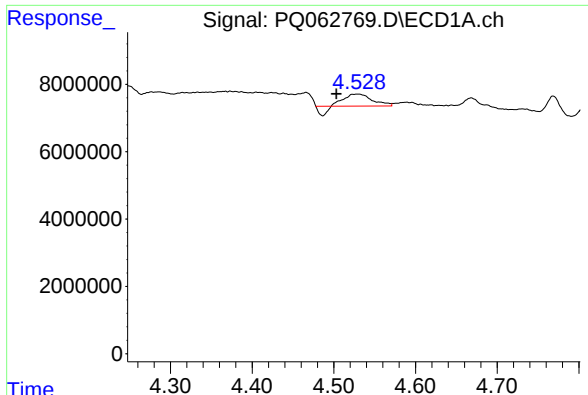
#20 AR-1242-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 9894807
Conc: 88.19 ng/ml



#20 AR-1242-5

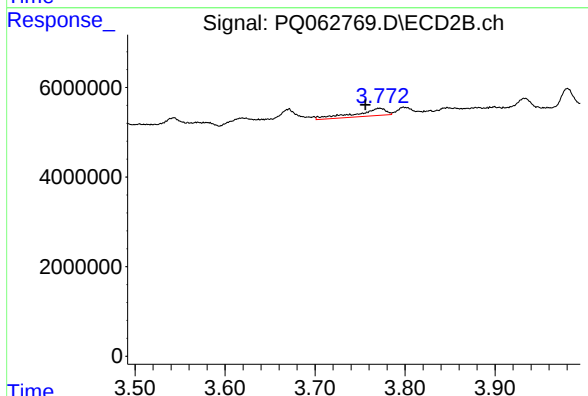
R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 10389925
Conc: 126.39 ng/ml



#21 AR-1248-1

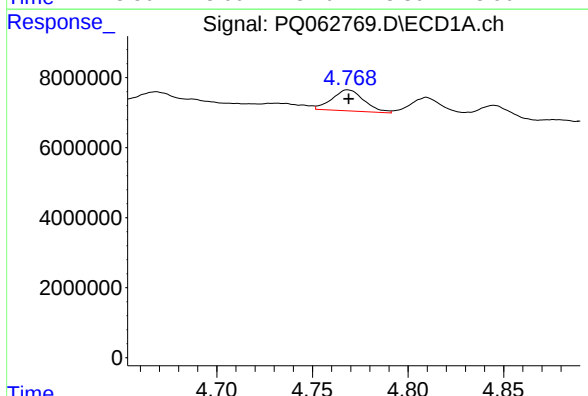
R.T.: 4.529 min
Delta R.T.: 0.026 min
Response: 7052491
Conc: 71.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



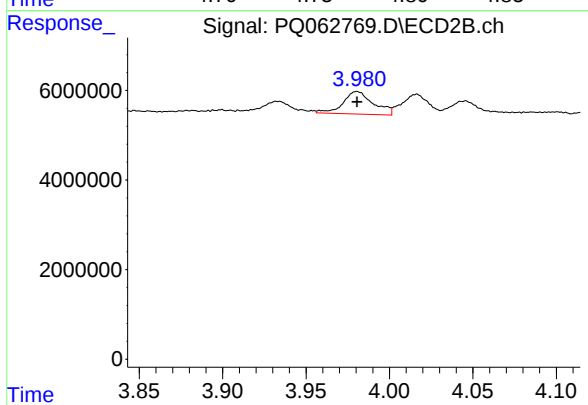
#21 AR-1248-1

R.T.: 3.772 min
Delta R.T.: 0.016 min
Response: 3888644
Conc: 58.05 ng/ml



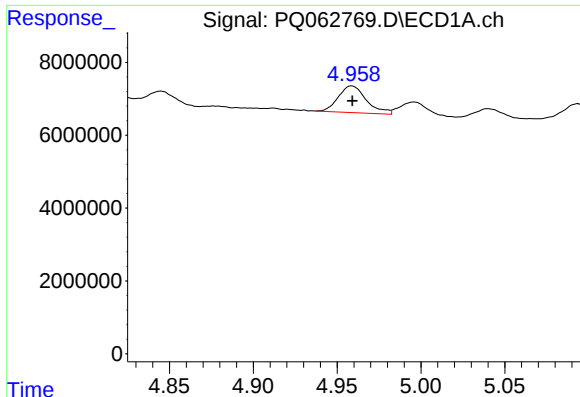
#22 AR-1248-2

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 7038285
Conc: 51.17 ng/ml



#22 AR-1248-2

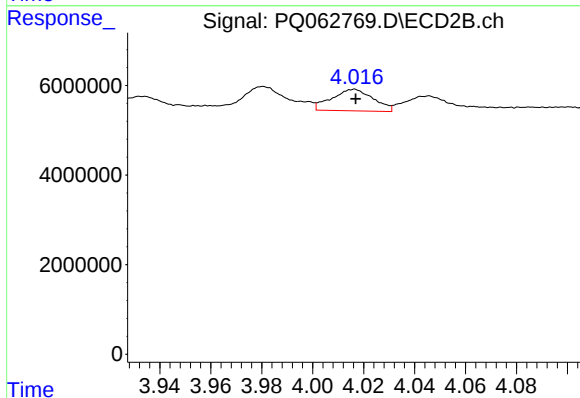
R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 6318272
Conc: 67.33 ng/ml



#23 AR-1248-3

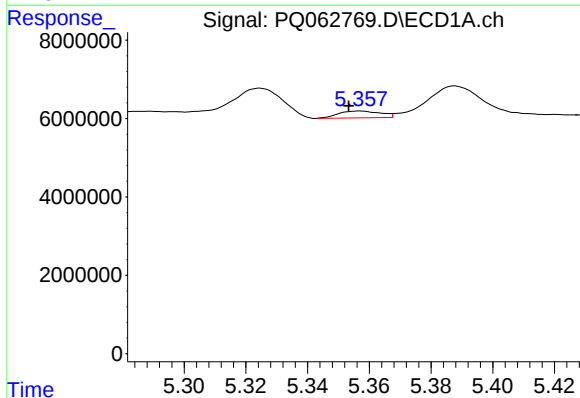
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 8548797
Conc: 50.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



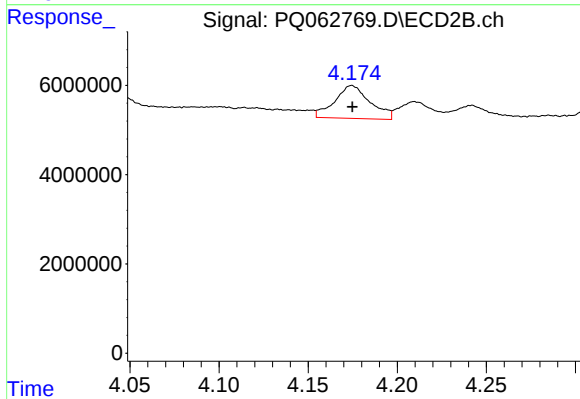
#23 AR-1248-3

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 5428037
Conc: 60.61 ng/ml



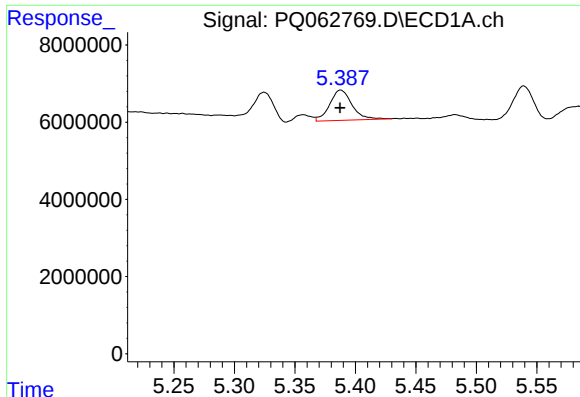
#24 AR-1248-4

R.T.: 5.357 min
Delta R.T.: 0.004 min
Response: 1647594
Conc: 8.66 ng/ml



#24 AR-1248-4

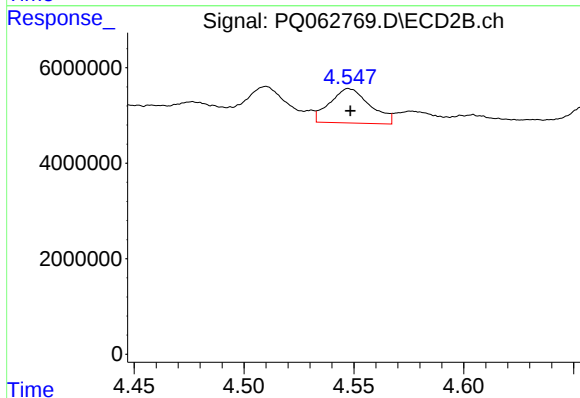
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 10236603
Conc: 92.34 ng/ml



#25 AR-1248-5

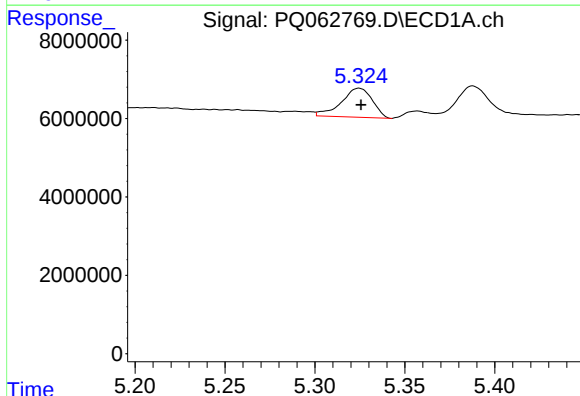
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 9894807
Conc: 52.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



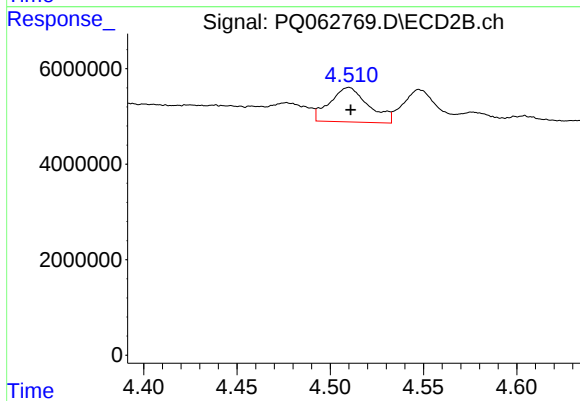
#25 AR-1248-5

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 9143448
Conc: 82.30 ng/ml



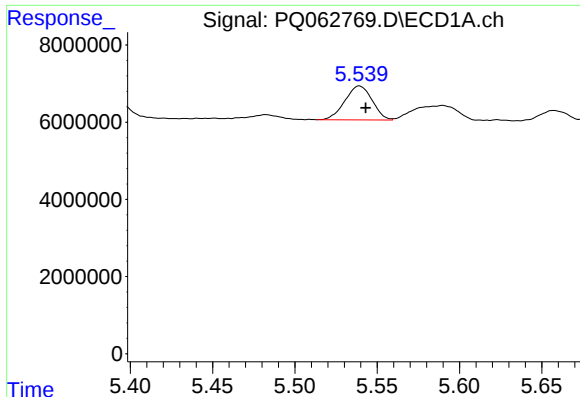
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 8895228
Conc: 45.95 ng/ml



#26 AR-1254-1

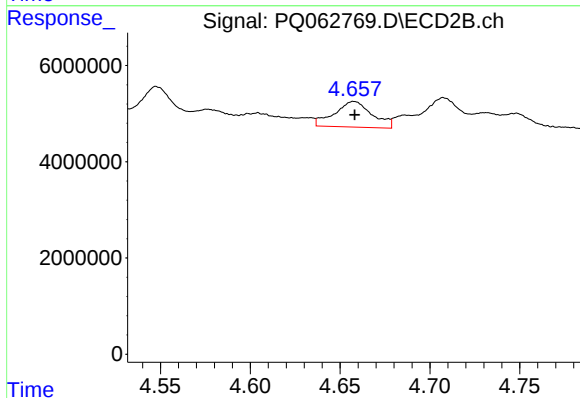
R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 10389925
Conc: 62.68 ng/ml



#27 AR-1254-2

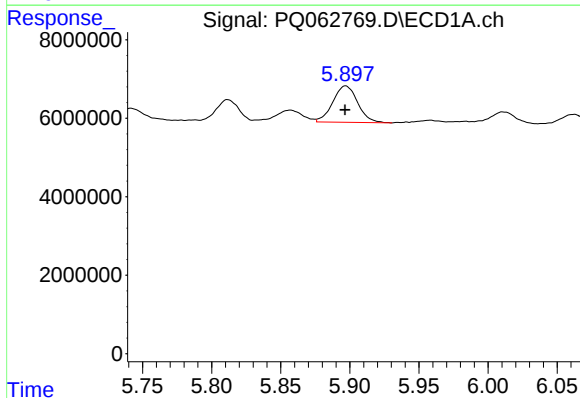
R.T.: 5.539 min
Delta R.T.: -0.004 min
Response: 10119580
Conc: 33.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



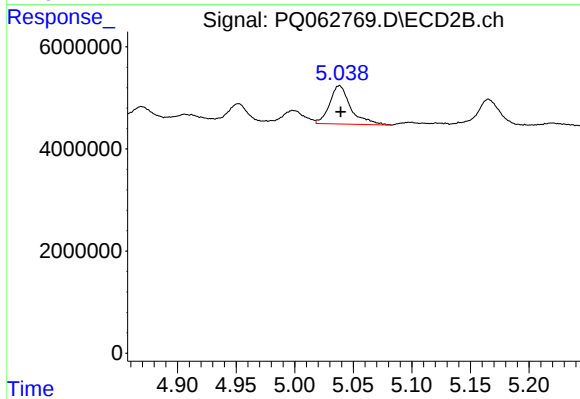
#27 AR-1254-2

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 7763150
Conc: 53.62 ng/ml



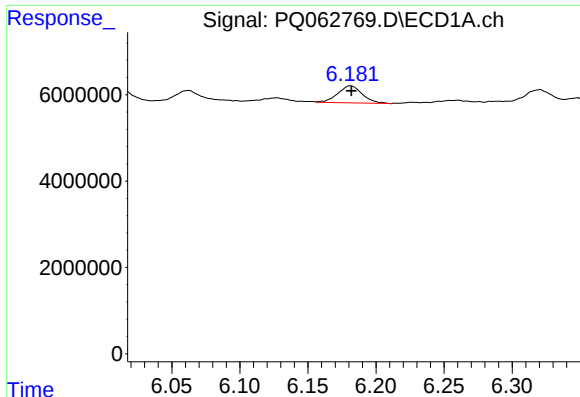
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 11618464
Conc: 35.53 ng/ml



#28 AR-1254-3

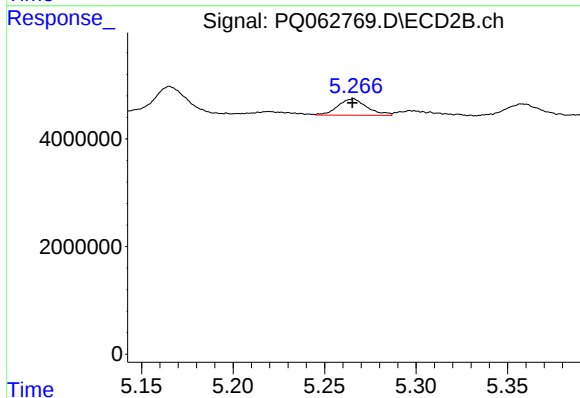
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 9425776
Conc: 41.55 ng/ml



#29 AR-1254-4

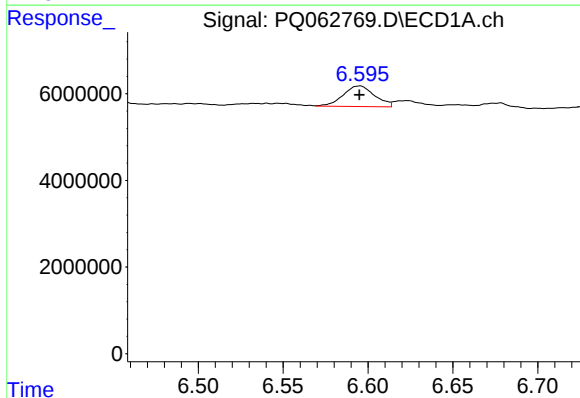
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4971671
Conc: 20.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



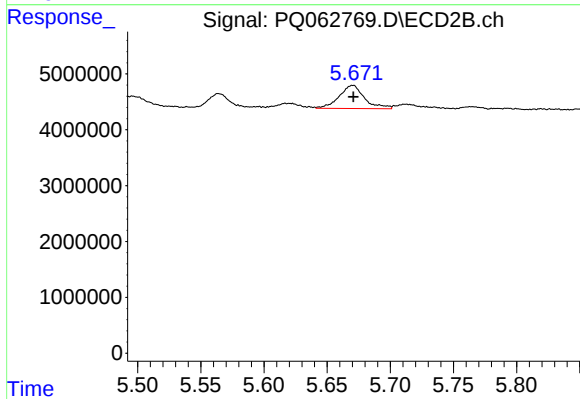
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 3363747
Conc: 22.72 ng/ml



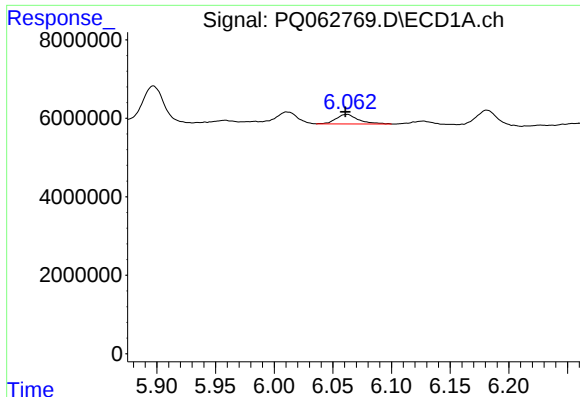
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 6193640
Conc: 23.73 ng/ml



#30 AR-1254-5

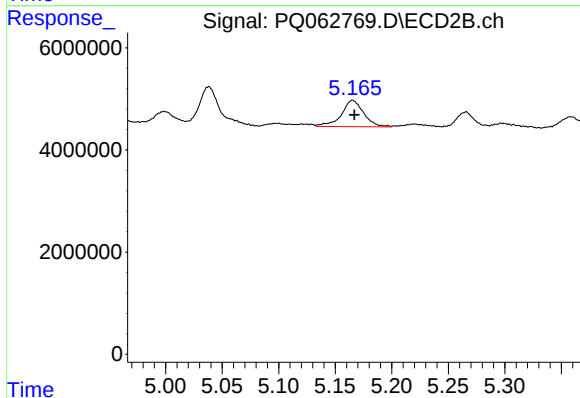
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 5770353
Conc: 27.58 ng/ml



#31 AR-1260-1

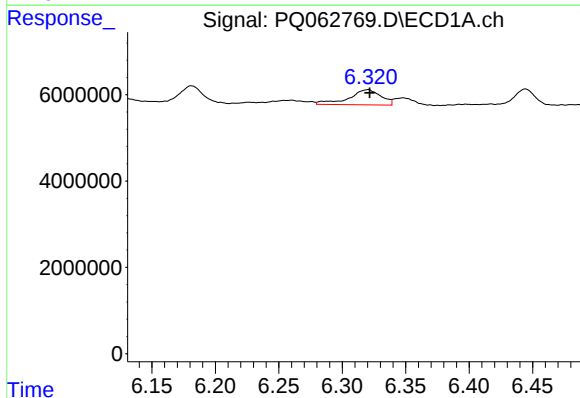
R.T.: 6.062 min
Delta R.T.: 0.001 min
Response: 3117383
Conc: 13.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



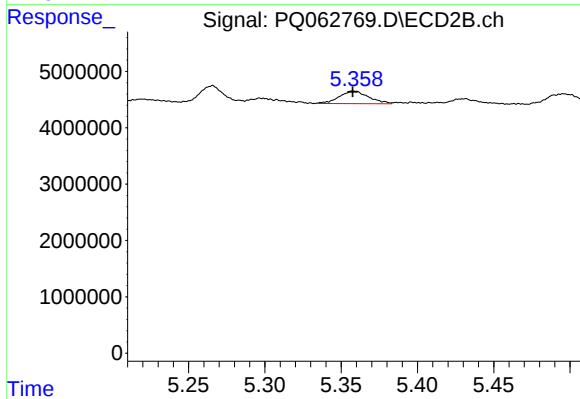
#31 AR-1260-1

R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 7132682
Conc: 46.29 ng/ml



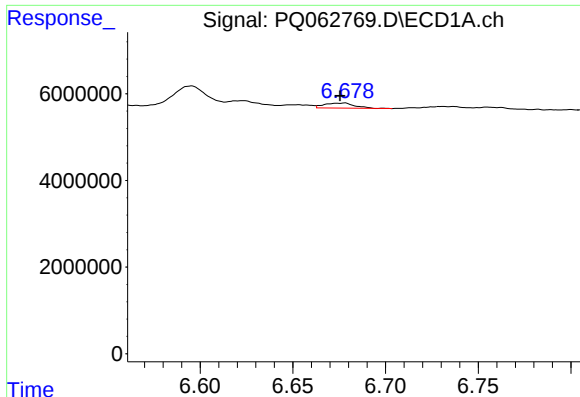
#32 AR-1260-2

R.T.: 6.320 min
Delta R.T.: -0.001 min
Response: 6213974
Conc: 22.12 ng/ml



#32 AR-1260-2

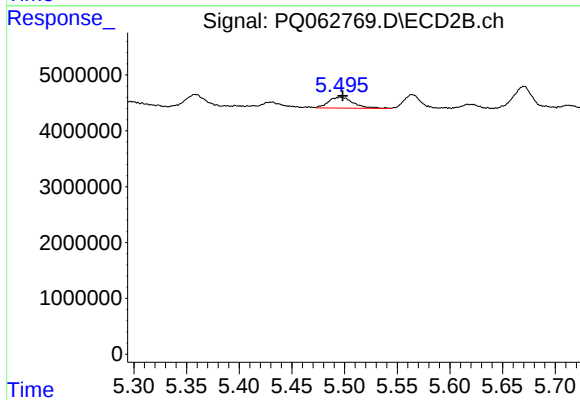
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 3004738
Conc: 16.03 ng/ml



#33 AR-1260-3

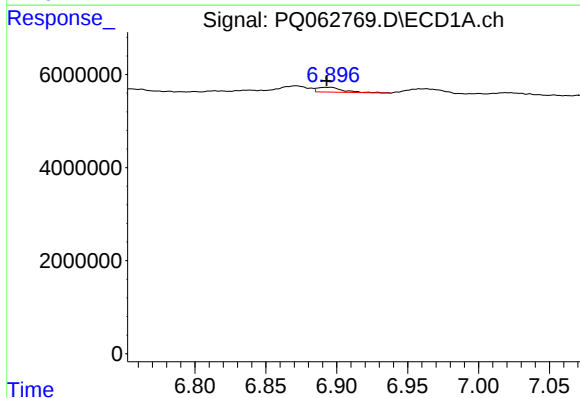
R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 1335298
Conc: 6.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



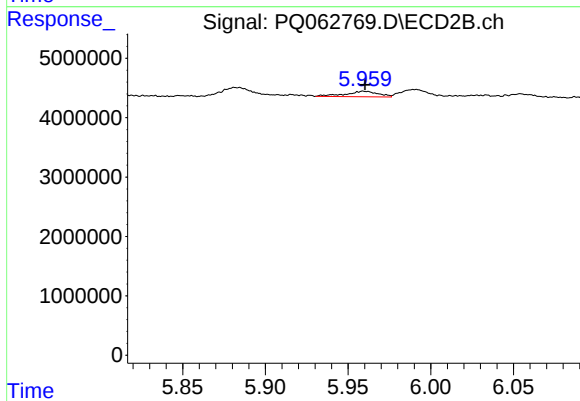
#33 AR-1260-3

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 3197908
Conc: 17.94 ng/ml



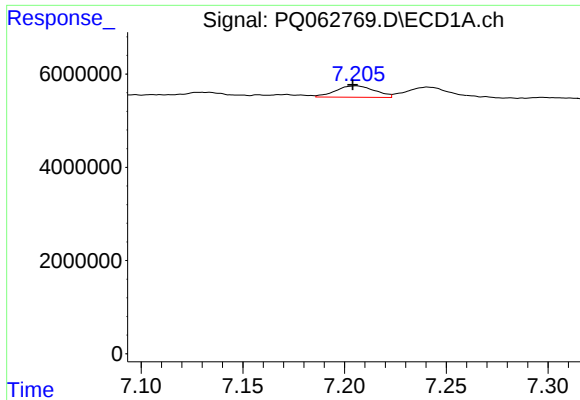
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.002 min
Response: 1278589
Conc: 5.56 ng/ml



#34 AR-1260-4

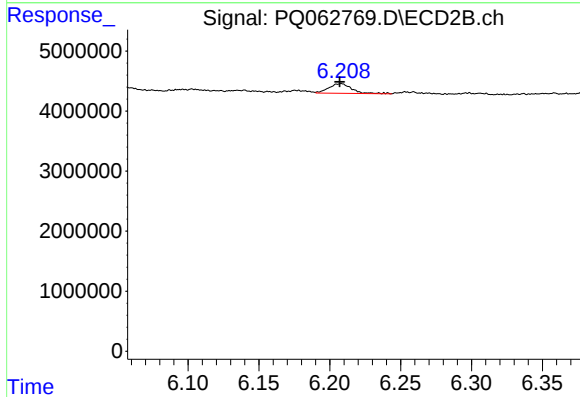
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 1243002
Conc: 8.34 ng/ml



#35 AR-1260-5

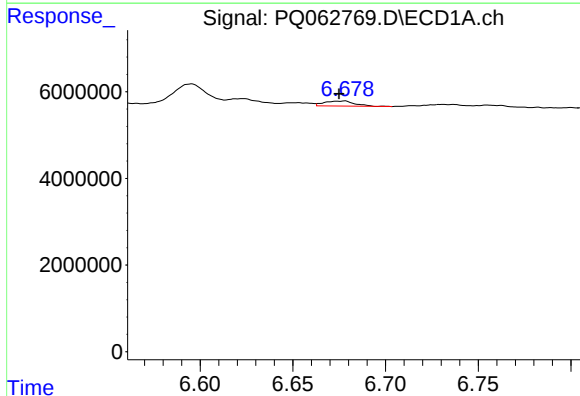
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 3285292
Conc: 7.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



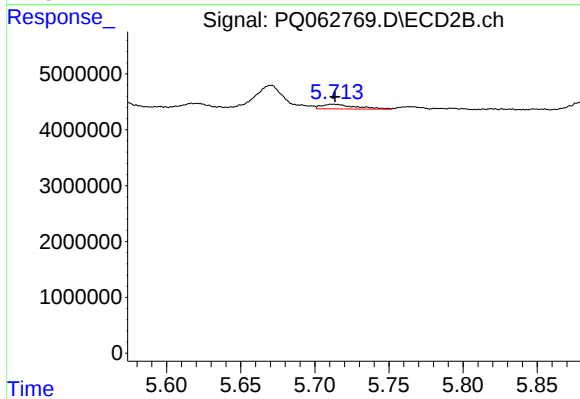
#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 1819442
Conc: 5.40 ng/ml



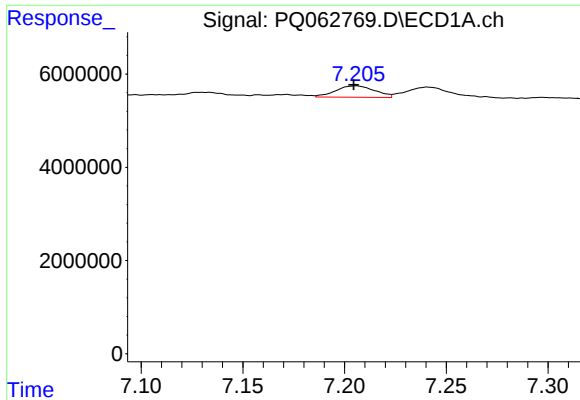
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: 0.003 min
Response: 1335298
Conc: 4.32 ng/ml



#36 AR-1262-1

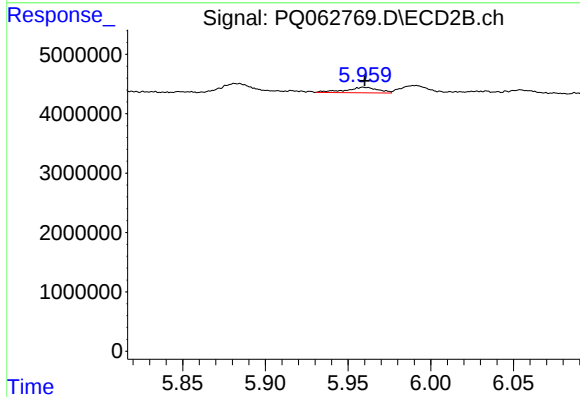
R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 1318868
Conc: 6.14 ng/ml



#37 AR-1262-2

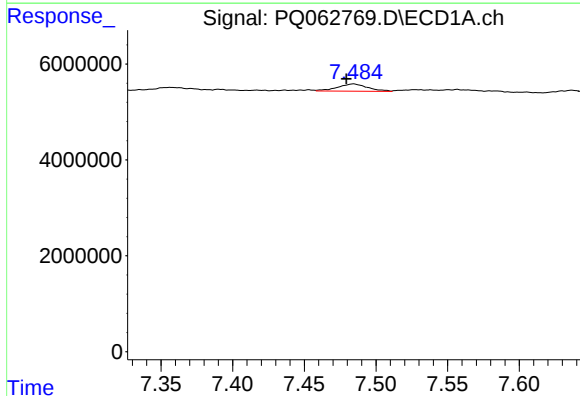
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 3285292
Conc: 6.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



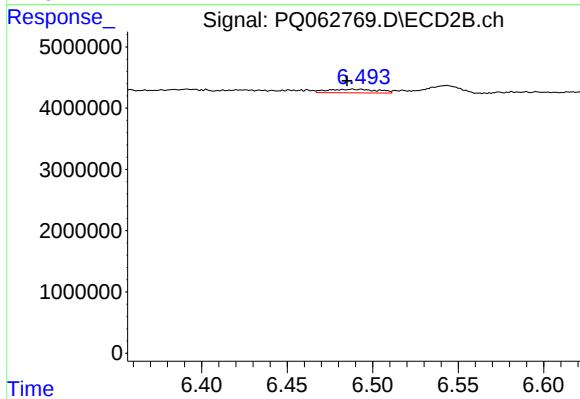
#37 AR-1262-2

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 1243002
Conc: 6.28 ng/ml



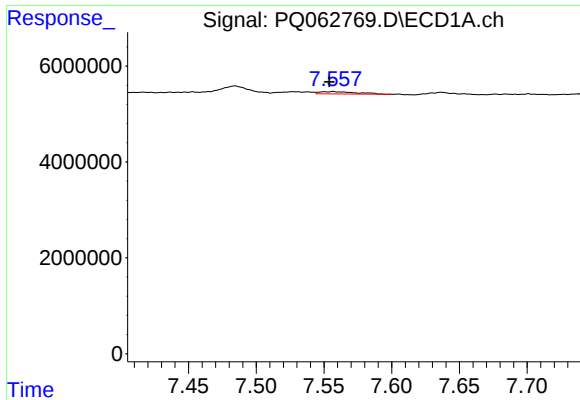
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 2249897
Conc: 6.17 ng/ml



#38 AR-1262-3

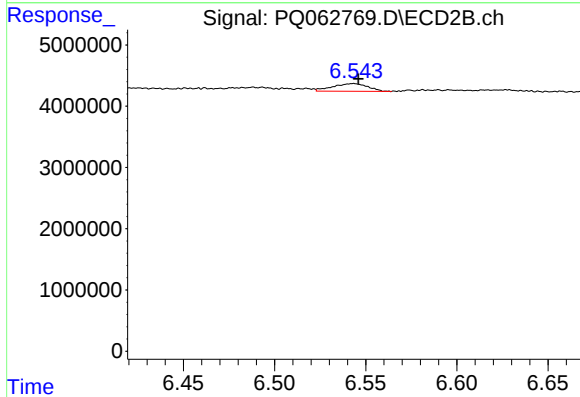
R.T.: 6.488 min
Delta R.T.: 0.003 min
Response: 1204569
Conc: 7.38 ng/ml



#39 AR-1262-4

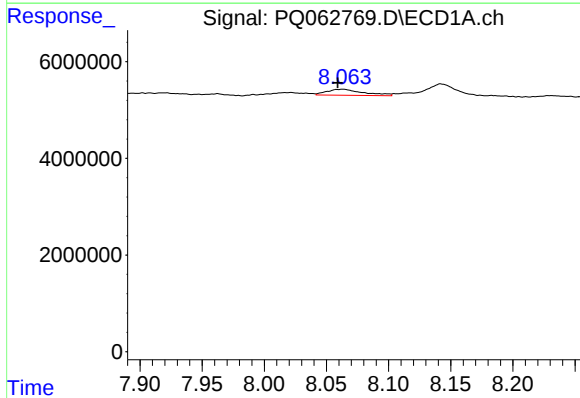
R.T.: 7.557 min
Delta R.T.: 0.003 min
Response: 871468
Conc: 3.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



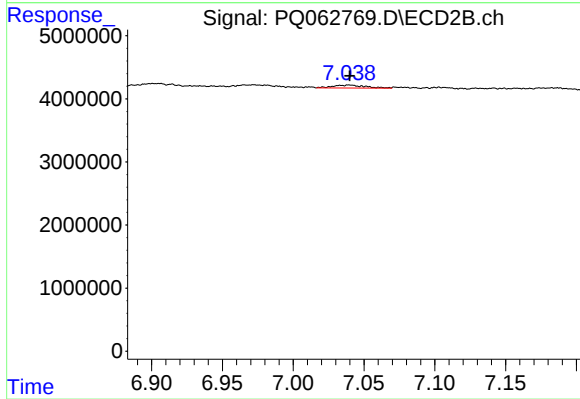
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 1695377
Conc: 5.66 ng/ml



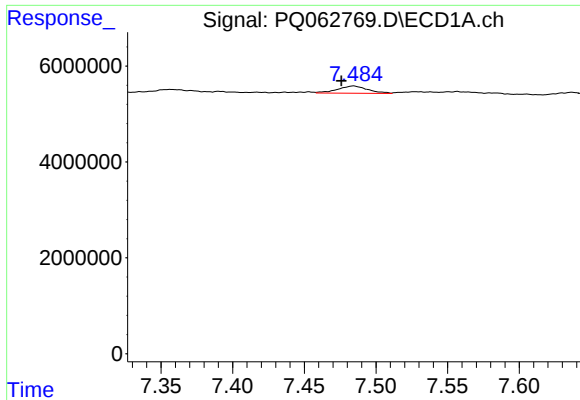
#40 AR-1262-5

R.T.: 8.063 min
Delta R.T.: 0.004 min
Response: 2499846
Conc: 13.40 ng/ml



#40 AR-1262-5

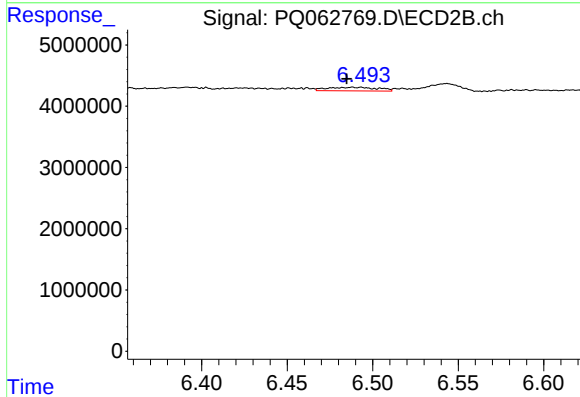
R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 721352
Conc: 4.79 ng/ml



#41 AR-1268-1

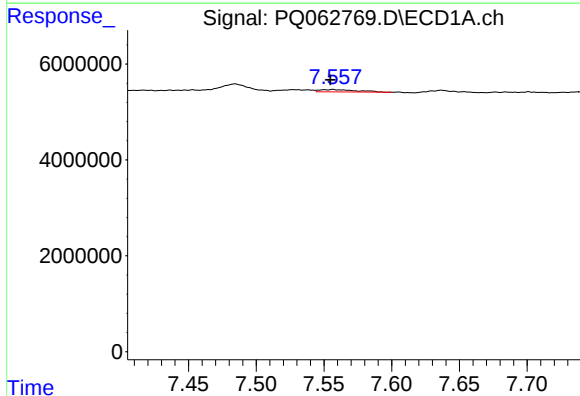
R.T.: 7.484 min
Delta R.T.: 0.008 min
Response: 2249897
Conc: 3.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



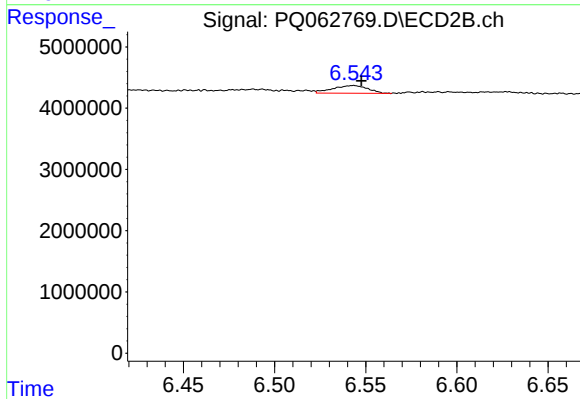
#41 AR-1268-1

R.T.: 6.488 min
Delta R.T.: 0.004 min
Response: 1204569
Conc: 2.54 ng/ml



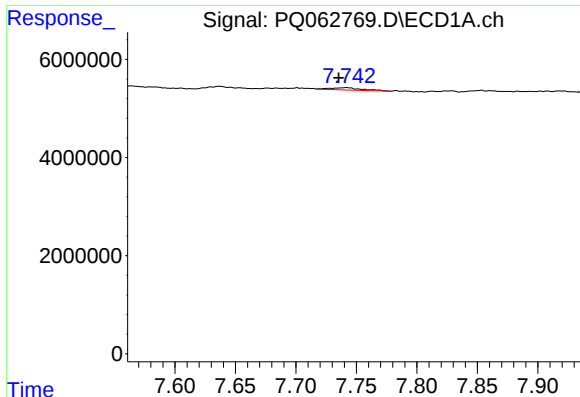
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: 0.002 min
Response: 871468
Conc: 1.51 ng/ml



#42 AR-1268-2

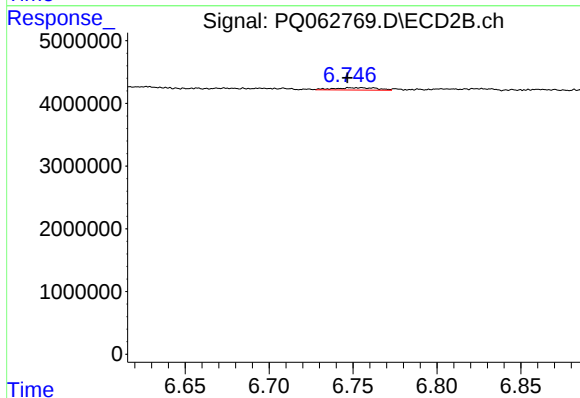
R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 1695377
Conc: 3.92 ng/ml



#43 AR-1268-3

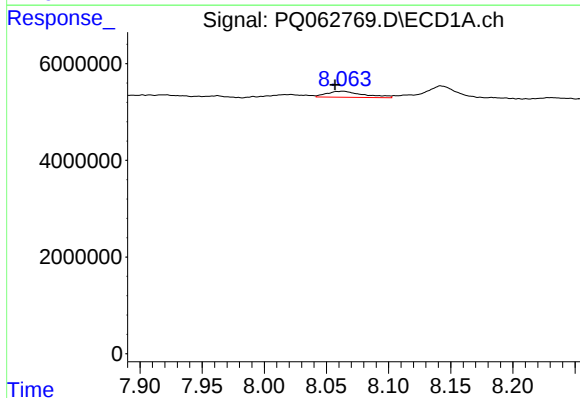
R.T.: 7.742 min
Delta R.T.: 0.006 min
Response: 867059
Conc: 1.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



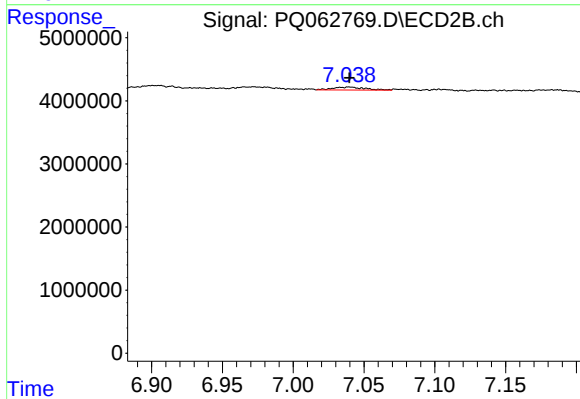
#43 AR-1268-3

R.T.: 6.755 min
Delta R.T.: 0.008 min
Response: 646823
Conc: 1.70 ng/ml



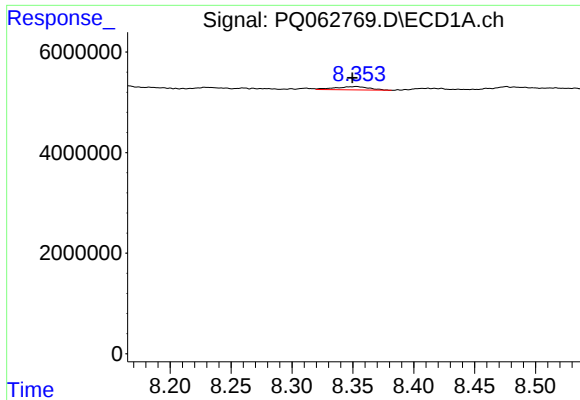
#44 AR-1268-4

R.T.: 8.063 min
Delta R.T.: 0.006 min
Response: 2499846
Conc: 11.87 ng/ml



#44 AR-1268-4

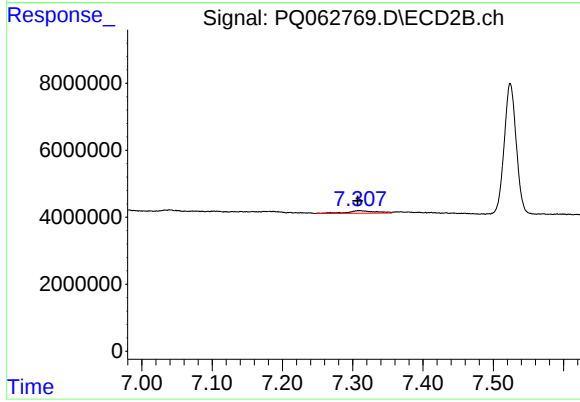
R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 721352
Conc: 4.33 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 1258607
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.310 min
Delta R.T.: 0.003 min
Response: 2050901
Conc: 1.67 ng/ml