

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082523\
 Data File : PQ063205.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2023 11:51
 Operator : YP\AJ
 Sample : 04142-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 15:45:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.453	2.782	24720208	23630283	4.600	5.730
2)	SA Decachlor...	8.688	7.589	23332961	29022175	6.026	6.710
Target Compounds							
3)	L1 AR-1016-1	4.565	3.793	129.5E6	105.1E6	665.564	659.788
4)	L1 AR-1016-2	4.585	3.810	180.0E6	138.2E6	648.820	646.558
5)	L1 AR-1016-3	4.643	3.971	123.3E6	86193404	721.008	720.940
6)	L1 AR-1016-4	4.736	4.019	106.8E6	55992152	758.941	577.082
7)	L1 AR-1016-5	5.026	4.216	105.3E6	93255034	764.936	741.063
8)	L2 AR-1221-1	3.651	2.985	4779884	3915406	70.245	71.355
9)	L2 AR-1221-2	3.735	3.063	5882031	4099718	123.284	108.691
10)	L2 AR-1221-3	3.805	3.132	32234938	24696466	208.871	205.250
11)	L3 AR-1232-1	3.805	3.132	32234938	24696466	249.495	253.465
12)	L3 AR-1232-2	4.304	3.810	68971596	138.2E6	988.924	1420.250 #
13)	L3 AR-1232-3	4.585	3.971	180.0E6	86193404	1473.359	1623.314
14)	L3 AR-1232-4	4.736	4.057	106.8E6	68110689	1770.089	1483.952
15)	L3 AR-1232-5	4.834	4.216	64134844	93255034	1469.417	1719.853
16)	L4 AR-1242-1	4.565	3.793	129.5E6	105.1E6	767.289	728.080
17)	L4 AR-1242-2	4.585	3.810	180.0E6	138.2E6	746.523	727.198
18)	L4 AR-1242-3	4.643	3.971	123.3E6	86193404	841.710	798.611
19)	L4 AR-1242-4	4.736	4.057	106.8E6	68110689	863.156	683.643
20)	L4 AR-1242-5	5.458	4.556	37409483	47664494	283.067	352.534
21)	L5 AR-1248-1	4.565	3.793	129.5E6	105.1E6	972.594	941.271
22)	L5 AR-1248-2	4.834	4.019	64134844	55992152	367.003	354.569
23)	L5 AR-1248-3	5.026	4.057	105.3E6	68110689	497.702	446.628
24)	L5 AR-1248-4	5.422	4.216	40347184	93255034	169.340	490.399 #
25)	L5 AR-1248-5	5.458	4.594	37409483	33067198	160.983	170.970
26)	L6 AR-1254-1	5.394	4.556	34390274	47664494	157.030	177.646
27)	L6 AR-1254-2	5.609	4.703	26351205	9762099	77.813	41.591 #
28)	L6 AR-1254-3	5.970	5.088	10317986	13549936	28.780	35.830
29)	L6 AR-1254-4	6.258	5.316	5899305	5336750	21.773	21.845
30)	L6 AR-1254-5	6.673	5.724	3561173	3856610	12.883	11.174
31)	L7 AR-1260-1	6.132	5.221	3591536	7814553	14.049	31.311 #
32)	L7 AR-1260-2	6.398	5.412	4604355	1402774	15.170	4.555 #
33)	L7 AR-1260-3	6.755	5.546	838826	3227500	3.979	10.416 #
34)	L7 AR-1260-4	6.949	6.018	859439	2876990	3.586	11.733 #
35)	L7 AR-1260-5	7.314f	6.261	2590570	2399842	5.522	4.391
36)	L8 AR-1262-1	6.755	5.822	838826	348529	2.597	2.441
37)	L8 AR-1262-2	7.314f	6.018	2590570	2876990	4.774	9.206 #
38)	L8 AR-1262-3	7.570	6.548	268202	3157001	0.743	12.523 #
39)	L8 AR-1262-4	7.653	6.589	195777	3773852	0.698	8.072 #
40)	L8 AR-1262-5	8.148	7.097	416365	231843	2.215	1.055 #
41)	L9 AR-1268-1	7.570	6.548	268202	3157001	0.415	4.230 #

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 Operator : YP\AJ
 Sample : 04142-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

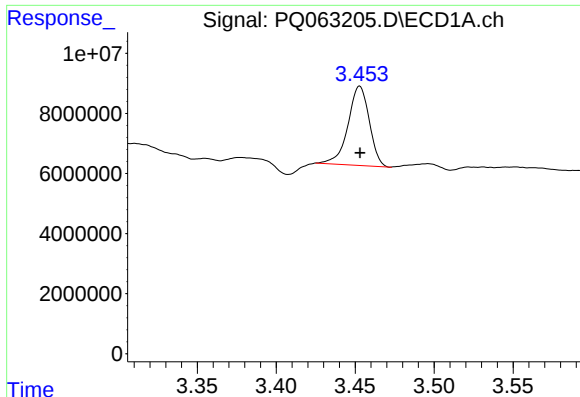
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 15:45:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
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 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	6.589	195777	3773852	0.326	5.496 #
43) L9	AR-1268-3	7.833	6.821	576049	1354624	1.170	2.308 #
44) L9	AR-1268-4	8.148	7.097	416365	231843	1.941	0.910 #
45) L9	AR-1268-5	8.447	7.383	338877	232991	0.220	0.132 #

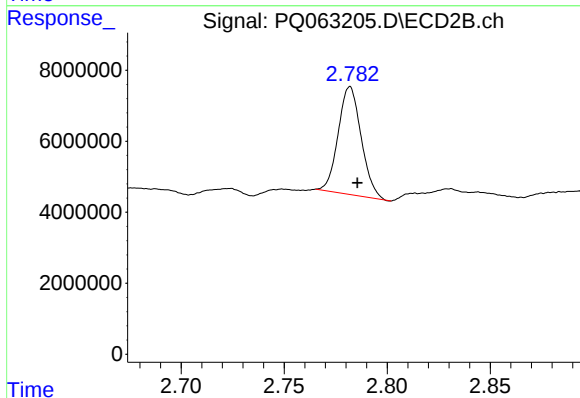
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

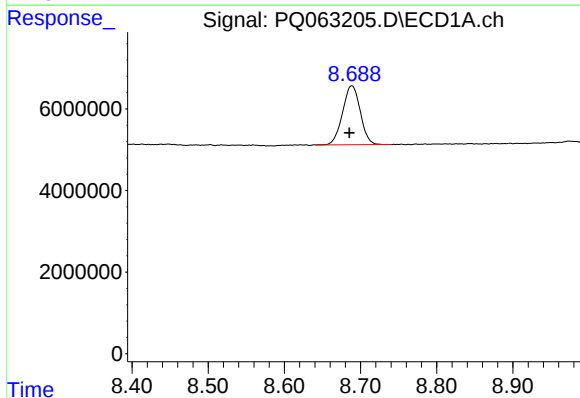
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 24720208
Conc: 4.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



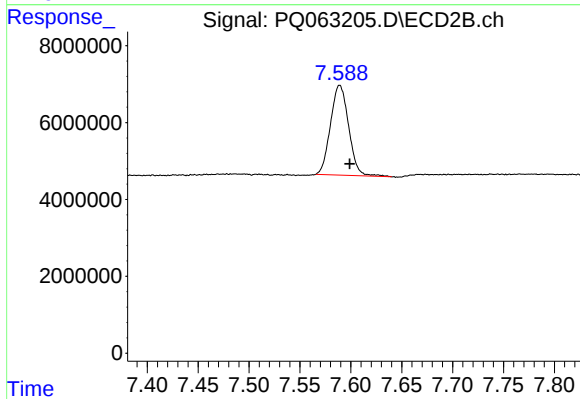
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: -0.003 min
Response: 23630283
Conc: 5.73 ng/ml



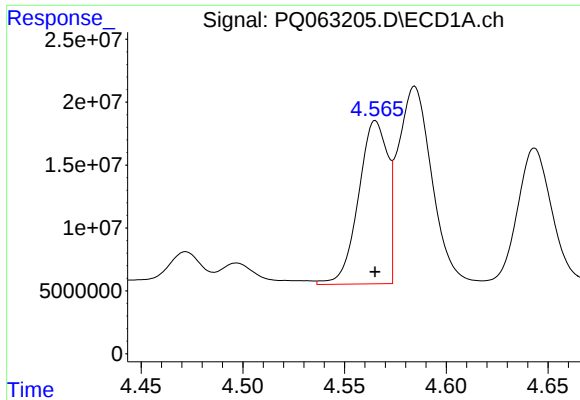
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 23332961
Conc: 6.03 ng/ml



#2 Decachlorobiphenyl

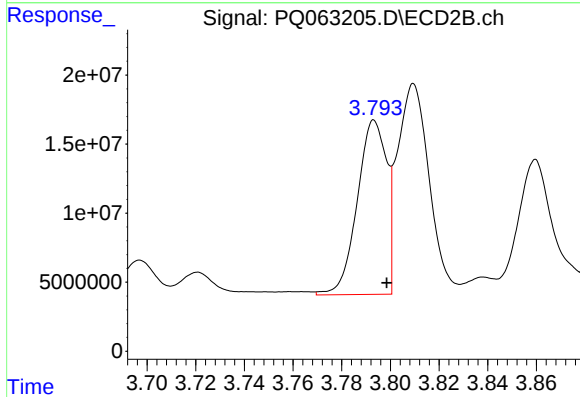
R.T.: 7.589 min
Delta R.T.: -0.010 min
Response: 29022175
Conc: 6.71 ng/ml



#3 AR-1016-1

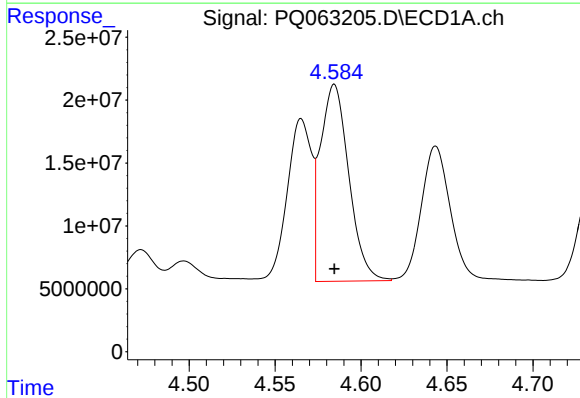
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 129501234
Conc: 665.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



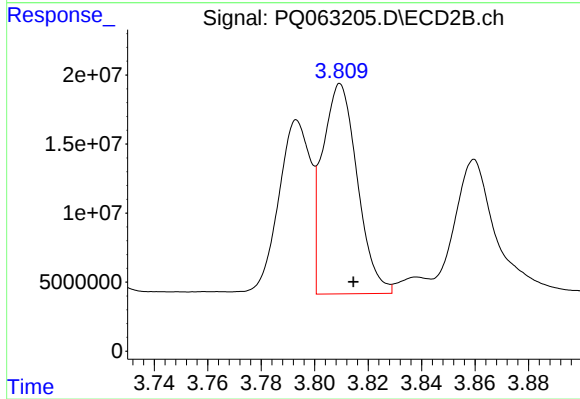
#3 AR-1016-1

R.T.: 3.793 min
Delta R.T.: -0.005 min
Response: 105147776
Conc: 659.79 ng/ml



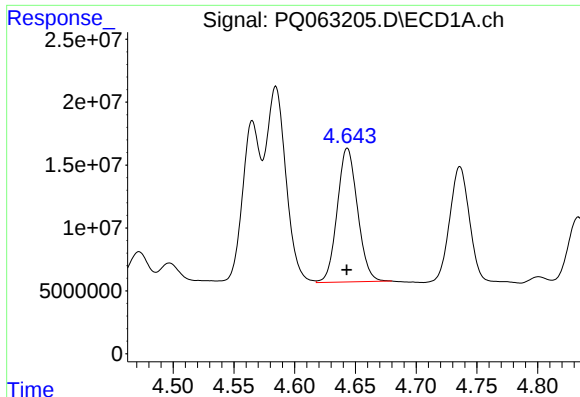
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 180032279
Conc: 648.82 ng/ml



#4 AR-1016-2

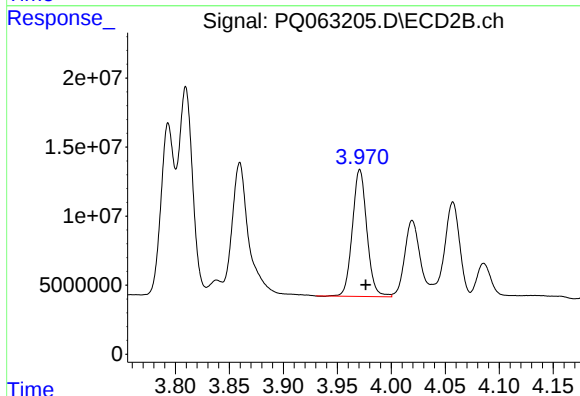
R.T.: 3.810 min
Delta R.T.: -0.005 min
Response: 138151808
Conc: 646.56 ng/ml



#5 AR-1016-3

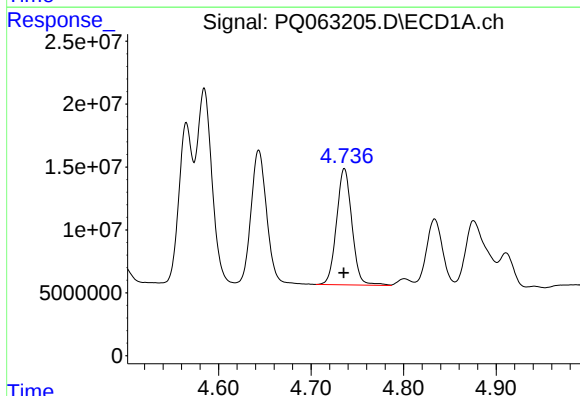
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 123294913
Conc: 721.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



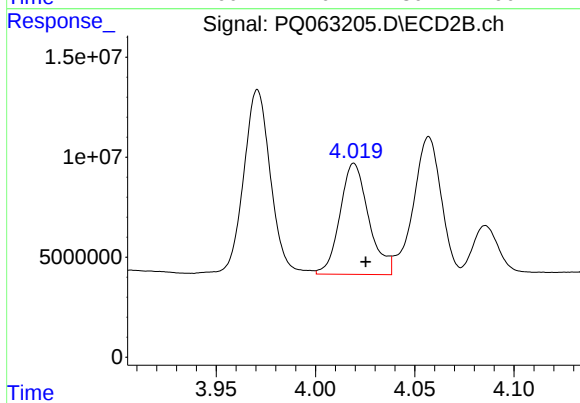
#5 AR-1016-3

R.T.: 3.971 min
Delta R.T.: -0.006 min
Response: 86193404
Conc: 720.94 ng/ml



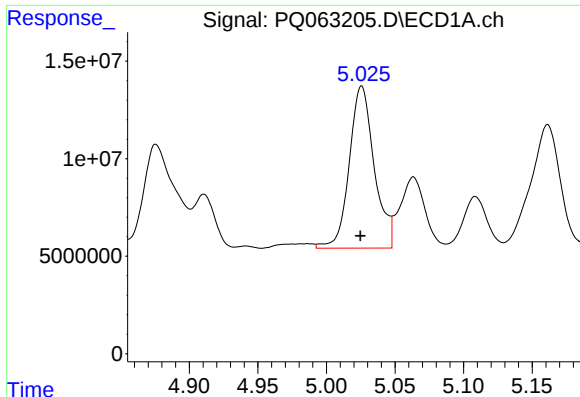
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 106805327
Conc: 758.94 ng/ml



#6 AR-1016-4

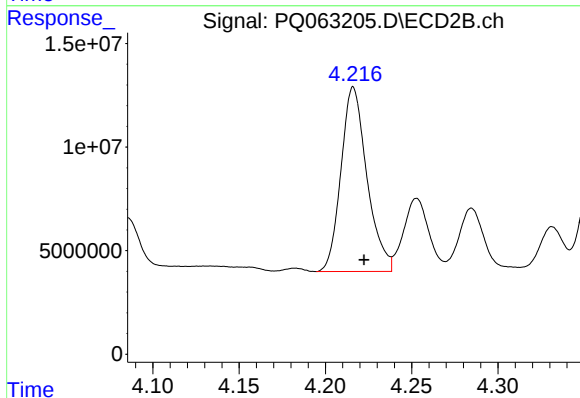
R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 55992152
Conc: 577.08 ng/ml



#7 AR-1016-5

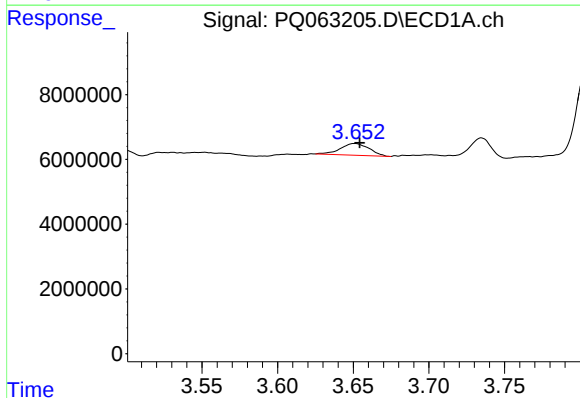
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 105250286
Conc: 764.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



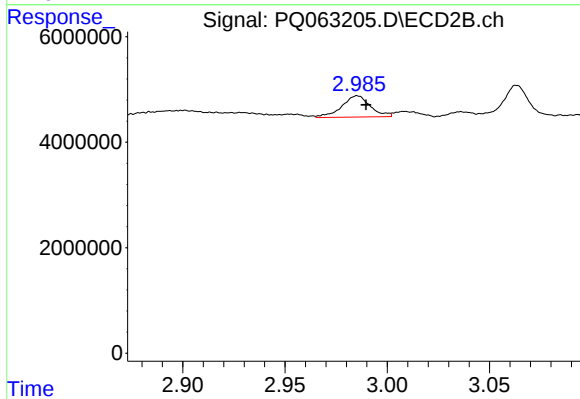
#7 AR-1016-5

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 93255034
Conc: 741.06 ng/ml



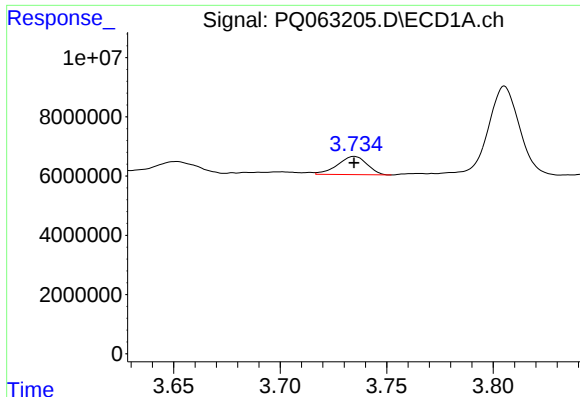
#8 AR-1221-1

R.T.: 3.651 min
Delta R.T.: -0.003 min
Response: 4779884
Conc: 70.24 ng/ml



#8 AR-1221-1

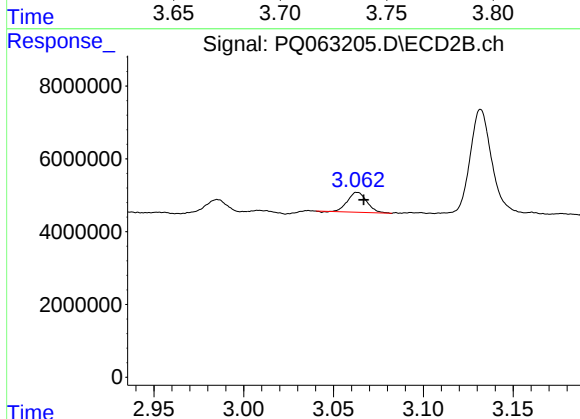
R.T.: 2.985 min
Delta R.T.: -0.004 min
Response: 3915406
Conc: 71.36 ng/ml



#9 AR-1221-2

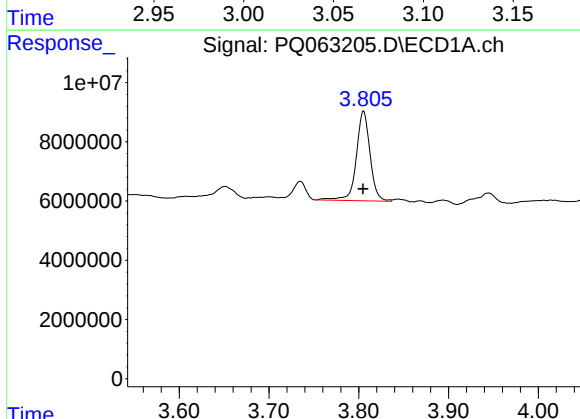
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 5882031
Conc: 123.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



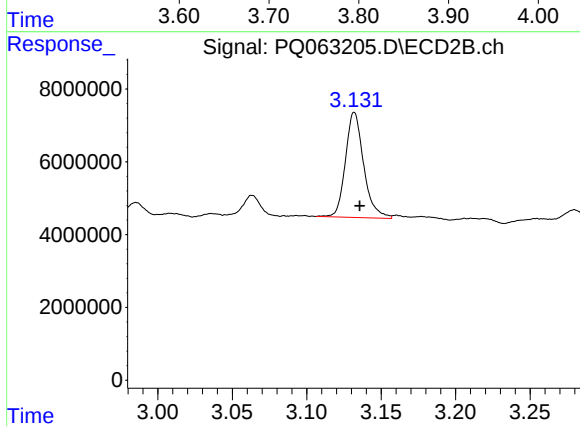
#9 AR-1221-2

R.T.: 3.063 min
Delta R.T.: -0.004 min
Response: 4099718
Conc: 108.69 ng/ml



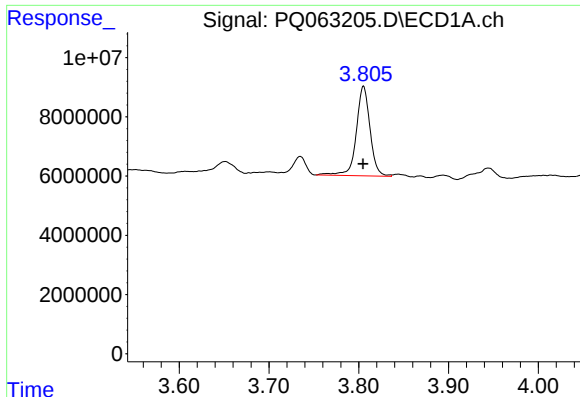
#10 AR-1221-3

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 32234938
Conc: 208.87 ng/ml



#10 AR-1221-3

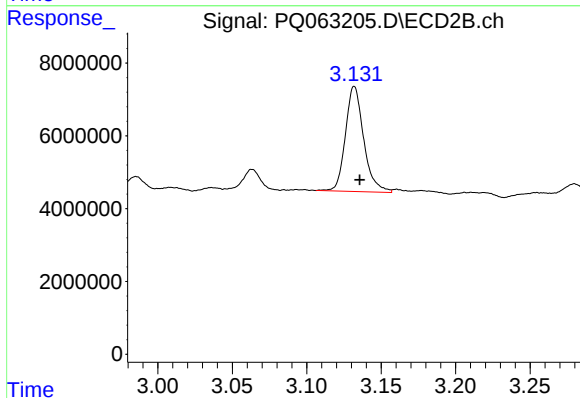
R.T.: 3.132 min
Delta R.T.: -0.004 min
Response: 24696466
Conc: 205.25 ng/ml



#11 AR-1232-1

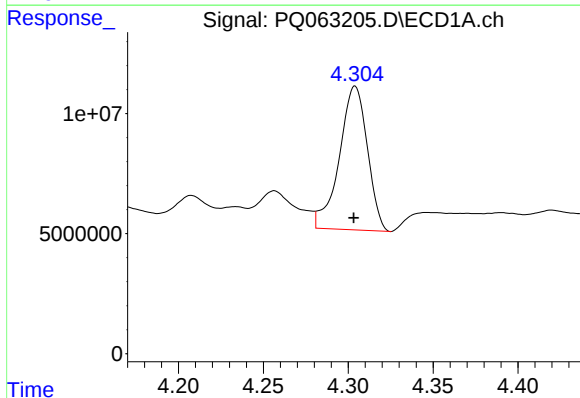
R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 32234938
Conc: 249.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



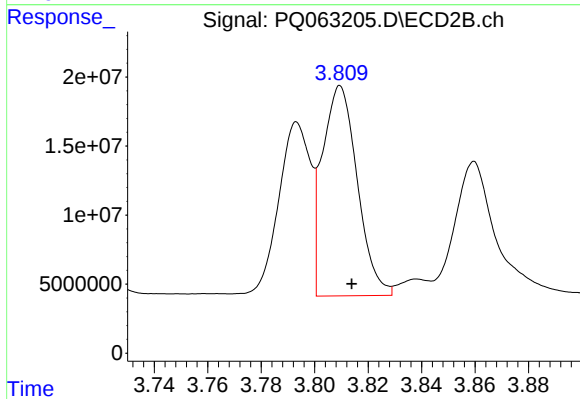
#11 AR-1232-1

R.T.: 3.132 min
Delta R.T.: -0.004 min
Response: 24696466
Conc: 253.46 ng/ml



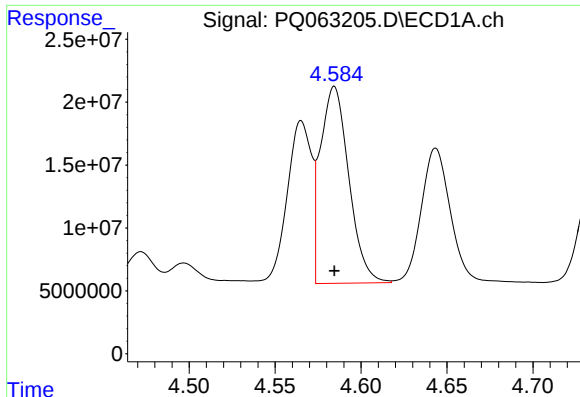
#12 AR-1232-2

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 68971596
Conc: 988.92 ng/ml



#12 AR-1232-2

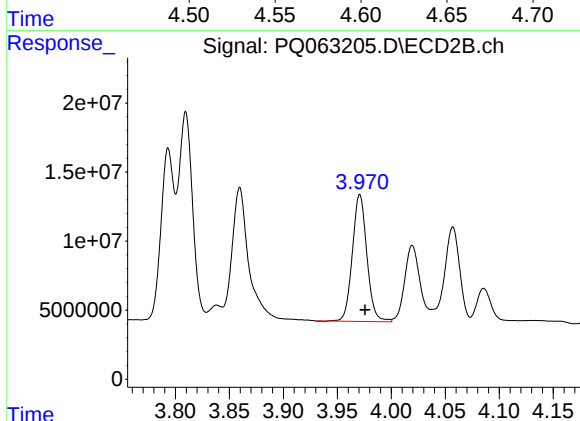
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 138151808
Conc: 1420.25 ng/ml



#13 AR-1232-3

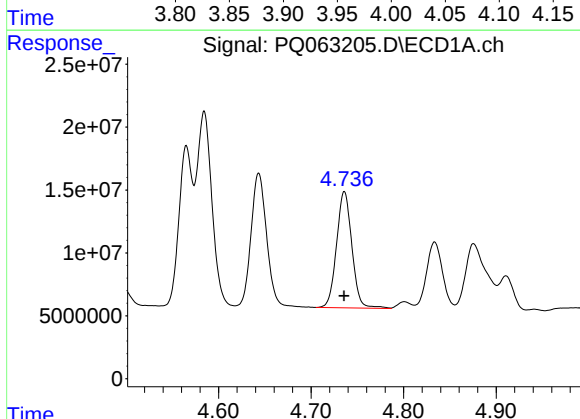
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 180032279
Conc: 1473.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



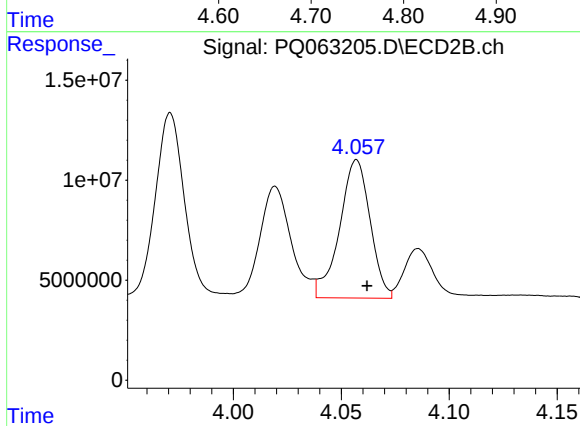
#13 AR-1232-3

R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 86193404
Conc: 1623.31 ng/ml



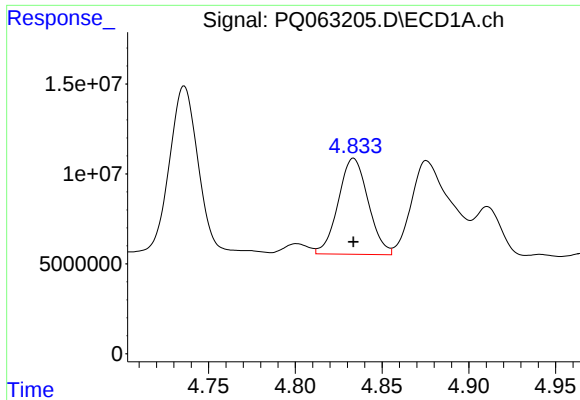
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 106805327
Conc: 1770.09 ng/ml



#14 AR-1232-4

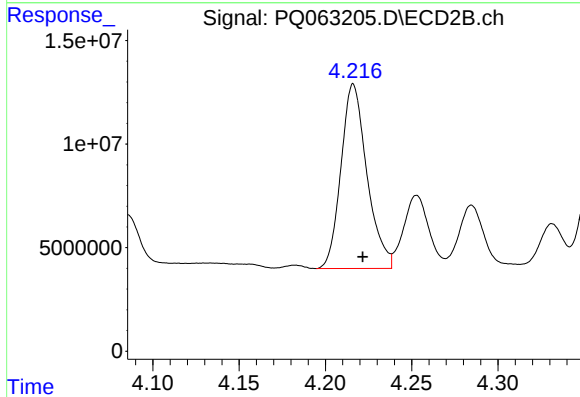
R.T.: 4.057 min
Delta R.T.: -0.005 min
Response: 68110689
Conc: 1483.95 ng/ml



#15 AR-1232-5

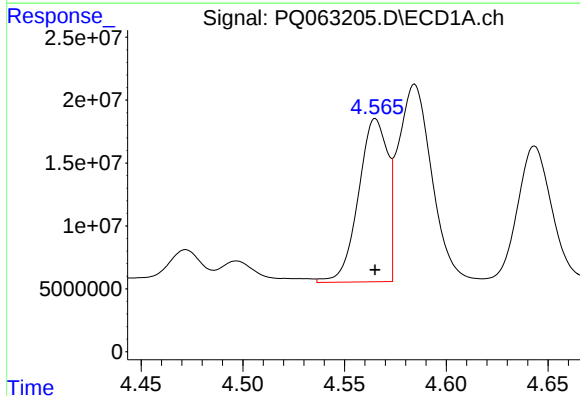
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 64134844
Conc: 1469.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



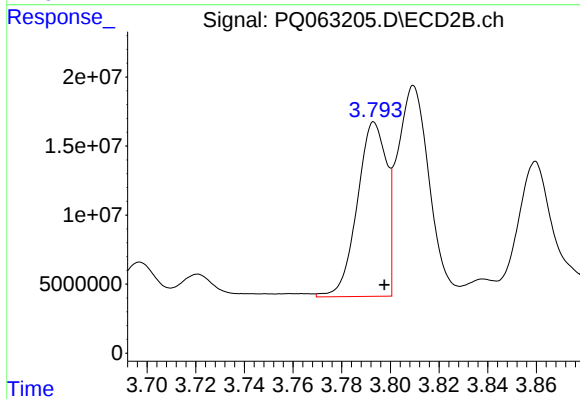
#15 AR-1232-5

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 93255034
Conc: 1719.85 ng/ml



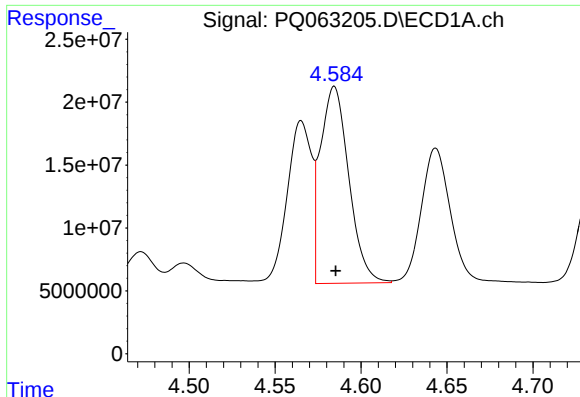
#16 AR-1242-1

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 129501234
Conc: 767.29 ng/ml



#16 AR-1242-1

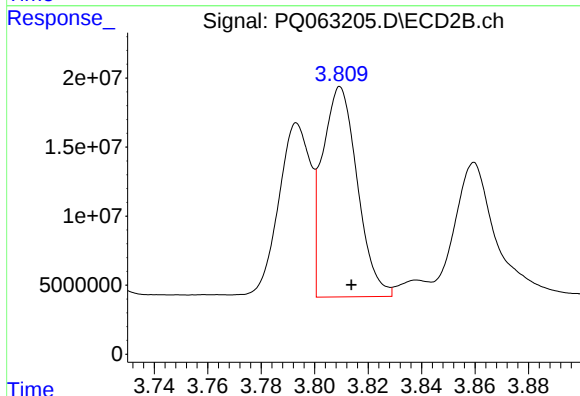
R.T.: 3.793 min
Delta R.T.: -0.004 min
Response: 105147776
Conc: 728.08 ng/ml



#17 AR-1242-2

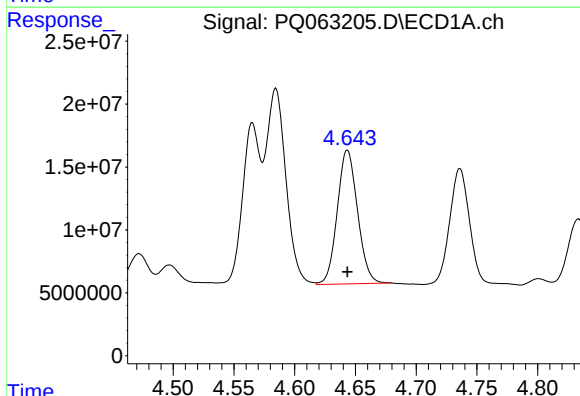
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 180032279
Conc: 746.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



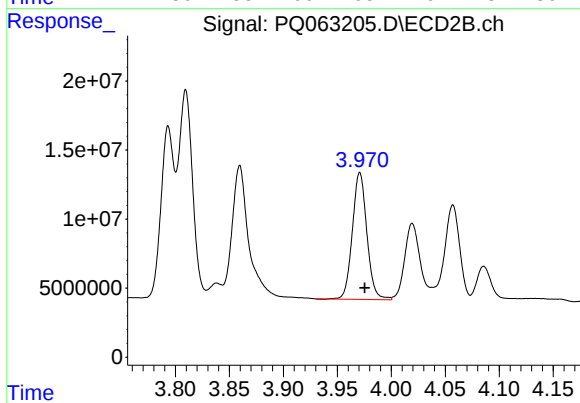
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 138151808
Conc: 727.20 ng/ml



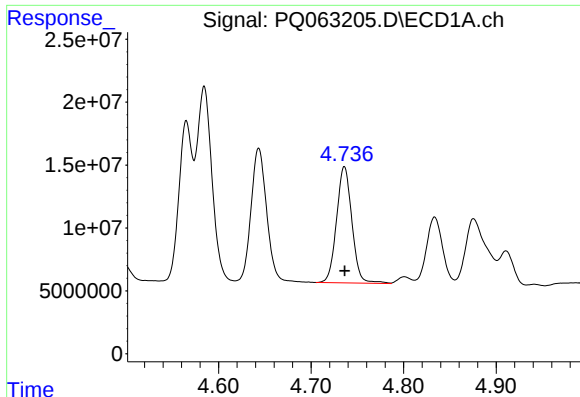
#18 AR-1242-3

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 123294913
Conc: 841.71 ng/ml



#18 AR-1242-3

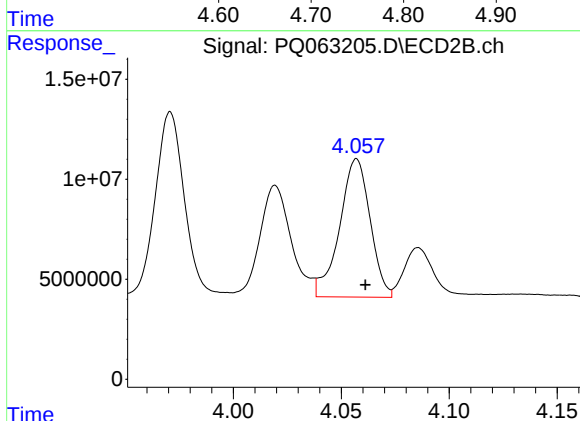
R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 86193404
Conc: 798.61 ng/ml



#19 AR-1242-4

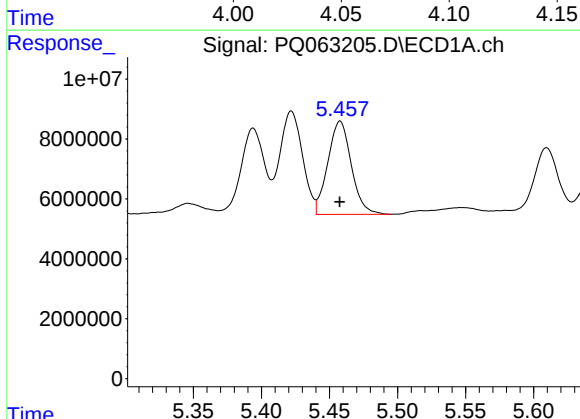
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 106805327
Conc: 863.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



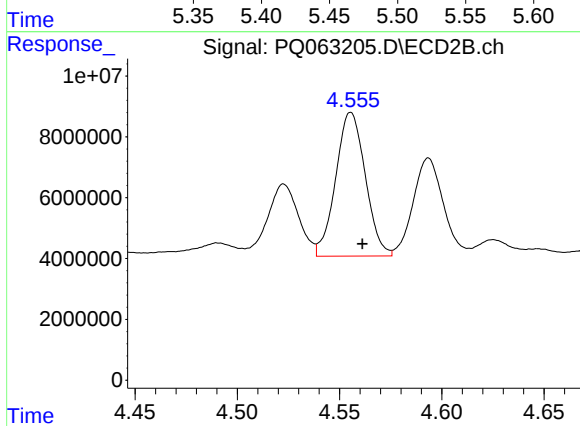
#19 AR-1242-4

R.T.: 4.057 min
Delta R.T.: -0.004 min
Response: 68110689
Conc: 683.64 ng/ml



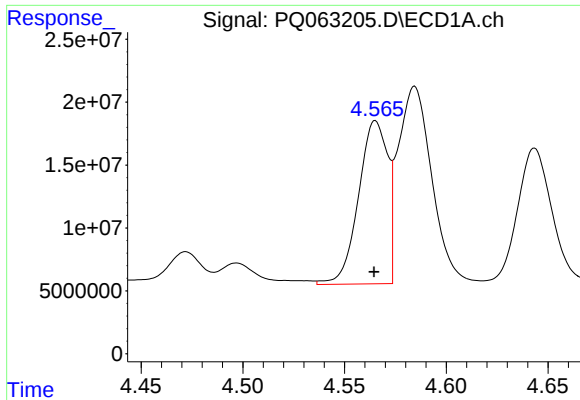
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 37409483
Conc: 283.07 ng/ml



#20 AR-1242-5

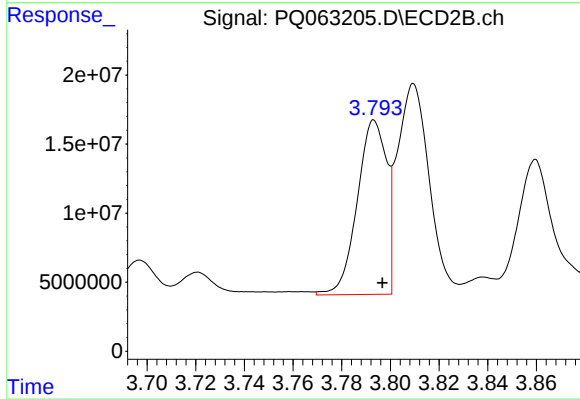
R.T.: 4.556 min
Delta R.T.: -0.006 min
Response: 47664494
Conc: 352.53 ng/ml



#21 AR-1248-1

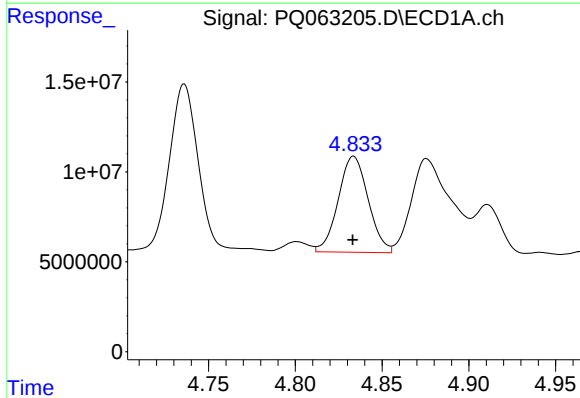
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 129501234
Conc: 972.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



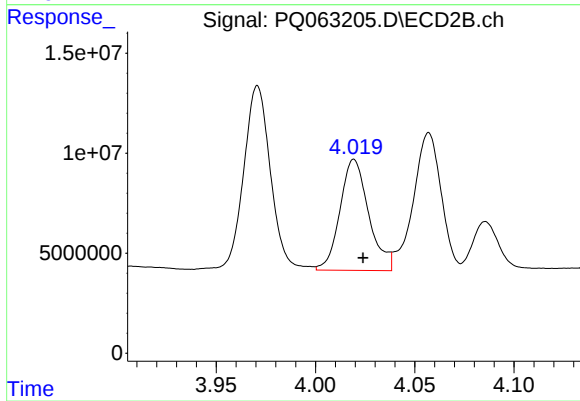
#21 AR-1248-1

R.T.: 3.793 min
Delta R.T.: -0.003 min
Response: 105147776
Conc: 941.27 ng/ml



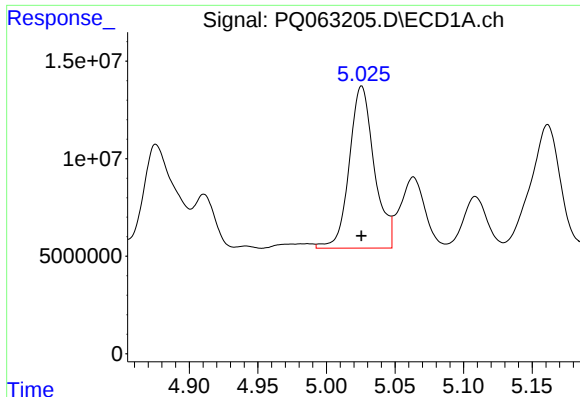
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 64134844
Conc: 367.00 ng/ml



#22 AR-1248-2

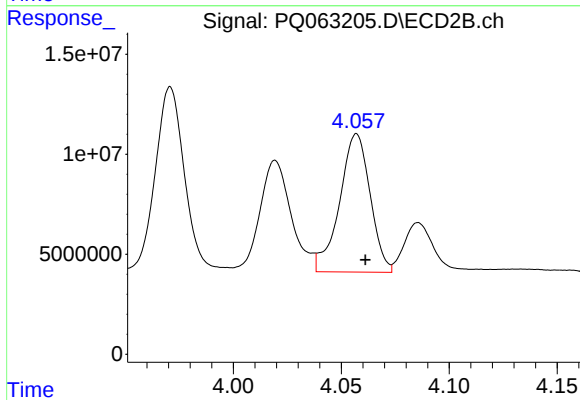
R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 55992152
Conc: 354.57 ng/ml



#23 AR-1248-3

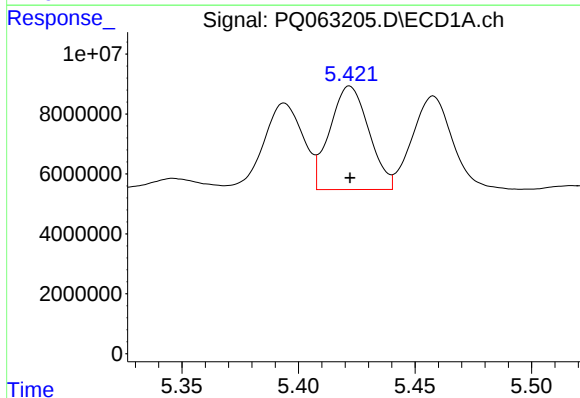
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 105250286
Conc: 497.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



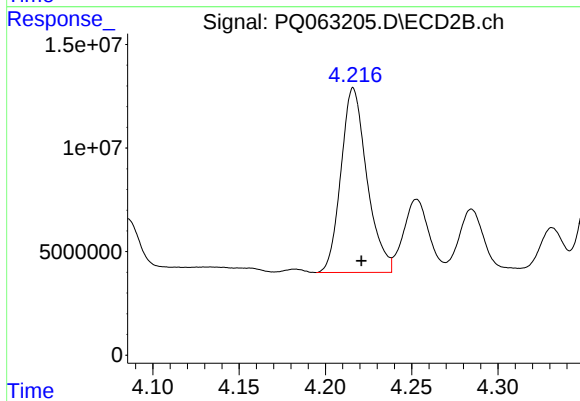
#23 AR-1248-3

R.T.: 4.057 min
Delta R.T.: -0.004 min
Response: 68110689
Conc: 446.63 ng/ml



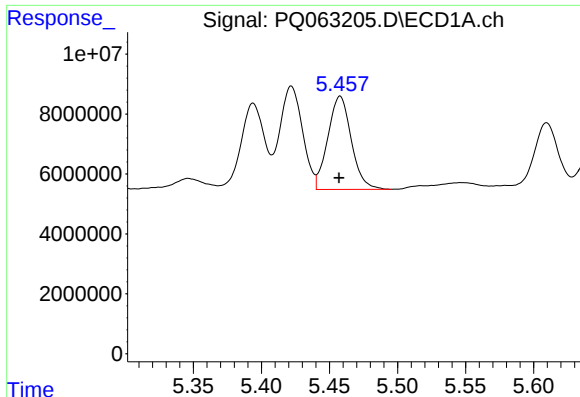
#24 AR-1248-4

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 40347184
Conc: 169.34 ng/ml



#24 AR-1248-4

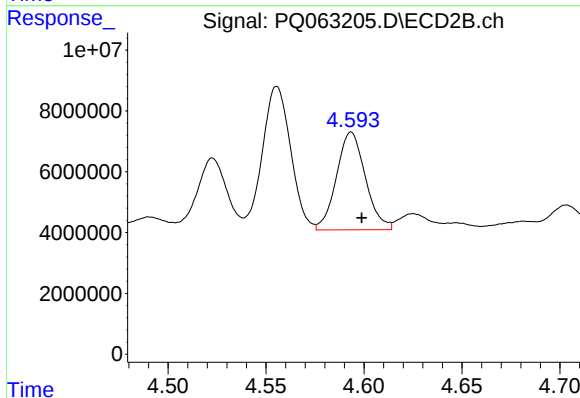
R.T.: 4.216 min
Delta R.T.: -0.005 min
Response: 93255034
Conc: 490.40 ng/ml



#25 AR-1248-5

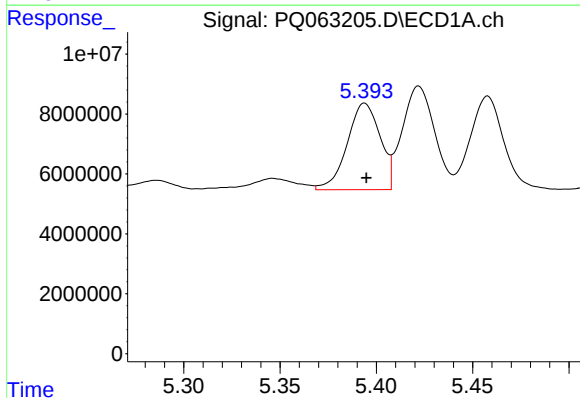
R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 37409483
Conc: 160.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



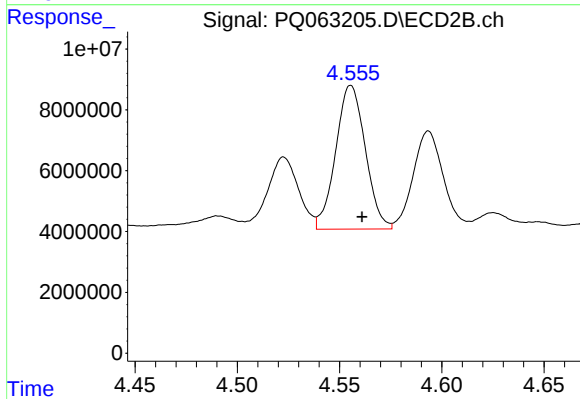
#25 AR-1248-5

R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 33067198
Conc: 170.97 ng/ml



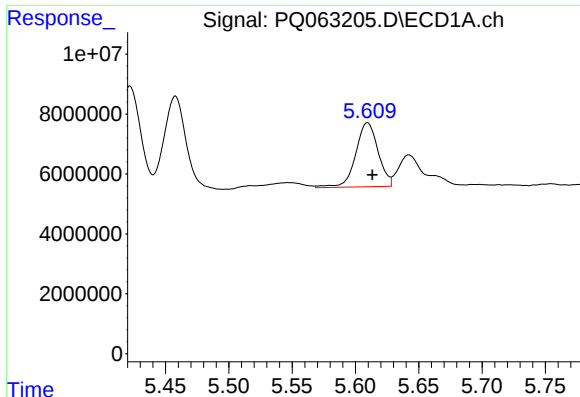
#26 AR-1254-1

R.T.: 5.394 min
Delta R.T.: -0.001 min
Response: 34390274
Conc: 157.03 ng/ml



#26 AR-1254-1

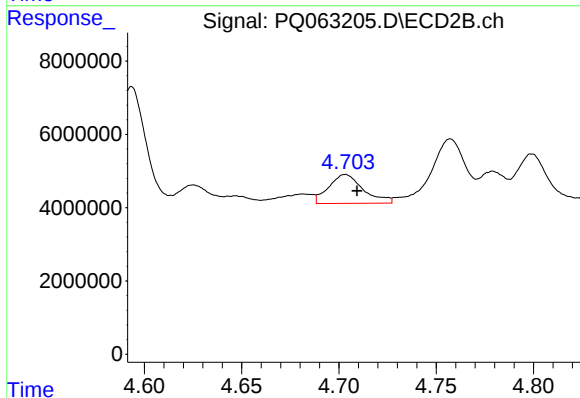
R.T.: 4.556 min
Delta R.T.: -0.006 min
Response: 47664494
Conc: 177.65 ng/ml



#27 AR-1254-2

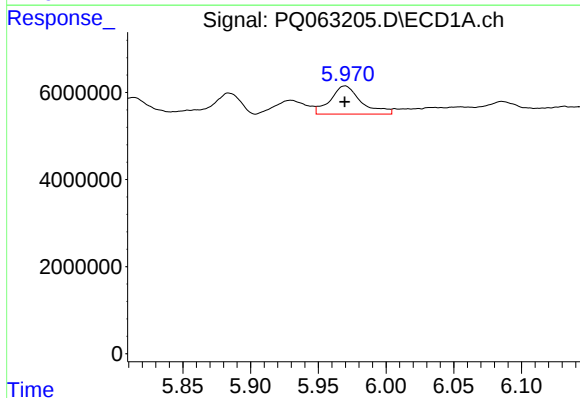
R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 26351205
Conc: 77.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



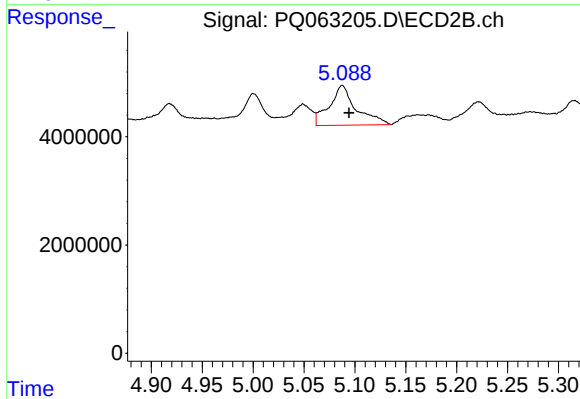
#27 AR-1254-2

R.T.: 4.703 min
Delta R.T.: -0.006 min
Response: 9762099
Conc: 41.59 ng/ml



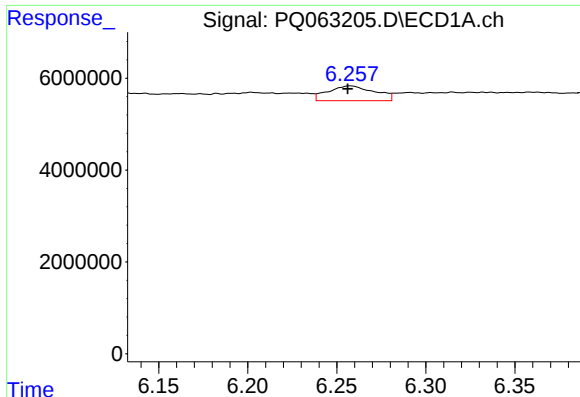
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 10317986
Conc: 28.78 ng/ml



#28 AR-1254-3

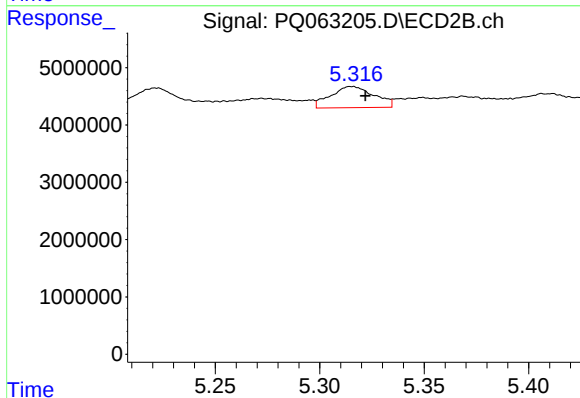
R.T.: 5.088 min
Delta R.T.: -0.007 min
Response: 13549936
Conc: 35.83 ng/ml



#29 AR-1254-4

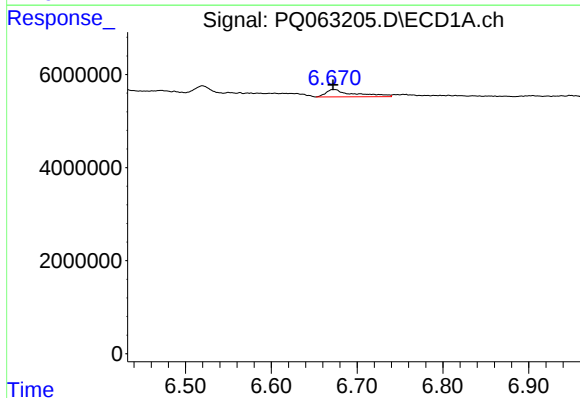
R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 5899305
Conc: 21.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



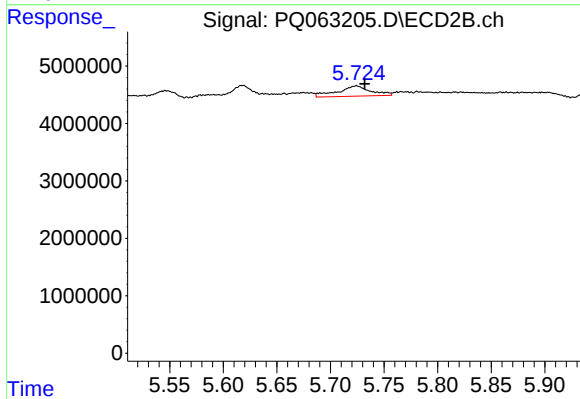
#29 AR-1254-4

R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 5336750
Conc: 21.84 ng/ml



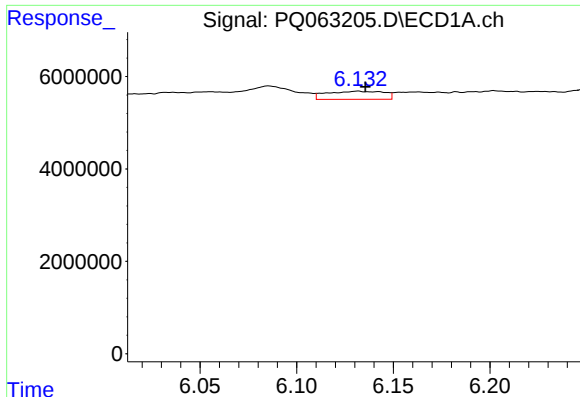
#30 AR-1254-5

R.T.: 6.673 min
Delta R.T.: 0.001 min
Response: 3561173
Conc: 12.88 ng/ml



#30 AR-1254-5

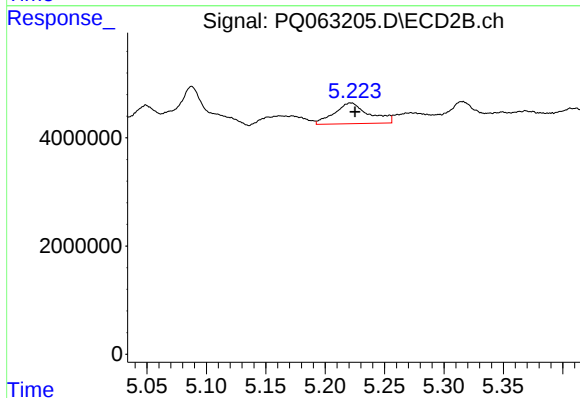
R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 3856610
Conc: 11.17 ng/ml



#31 AR-1260-1

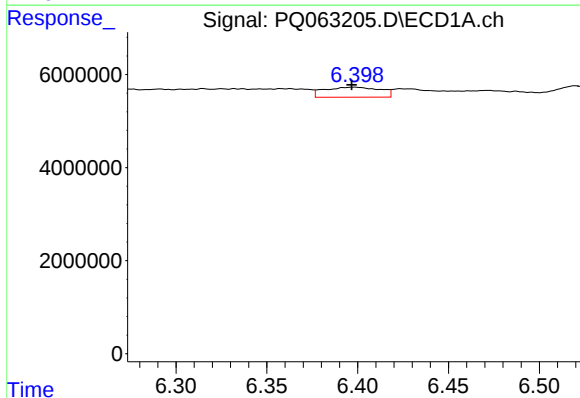
R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 3591536
Conc: 14.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



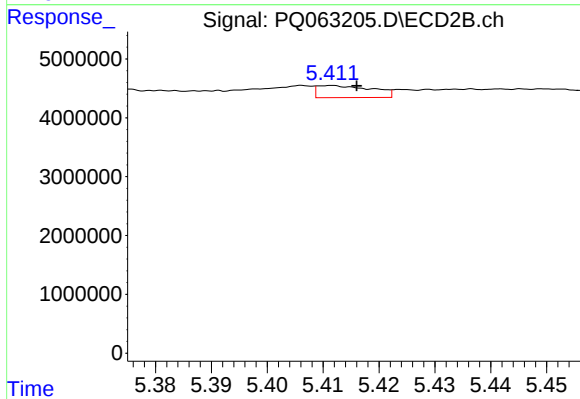
#31 AR-1260-1

R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 7814553
Conc: 31.31 ng/ml



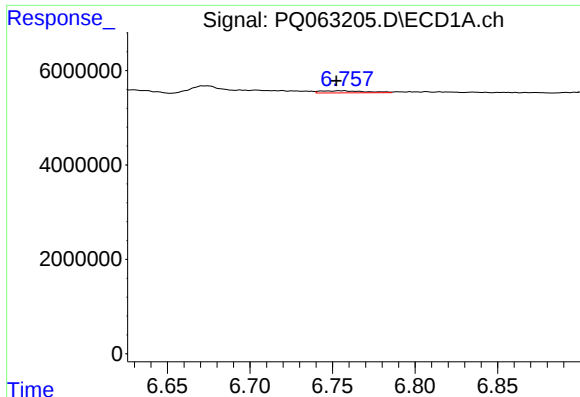
#32 AR-1260-2

R.T.: 6.398 min
Delta R.T.: 0.001 min
Response: 4604355
Conc: 15.17 ng/ml



#32 AR-1260-2

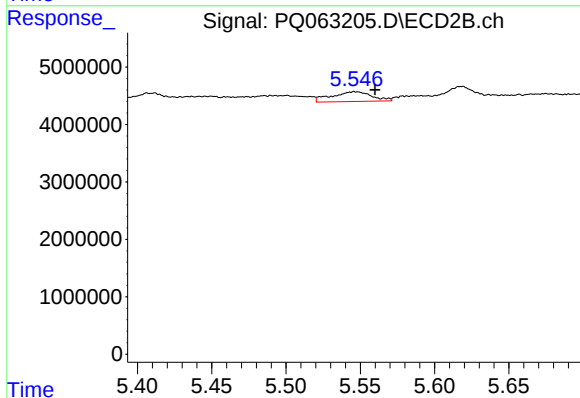
R.T.: 5.412 min
Delta R.T.: -0.004 min
Response: 1402774
Conc: 4.55 ng/ml



#33 AR-1260-3

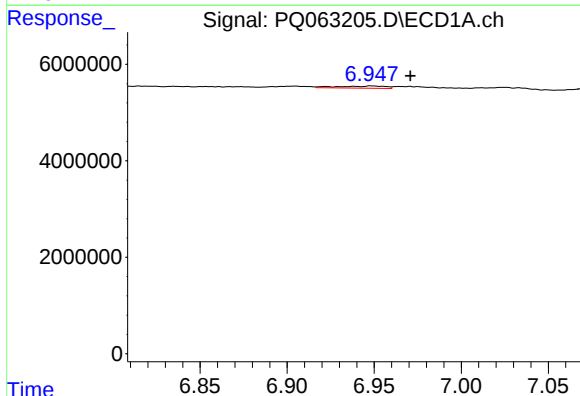
R.T.: 6.755 min
Delta R.T.: 0.003 min
Response: 838826
Conc: 3.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



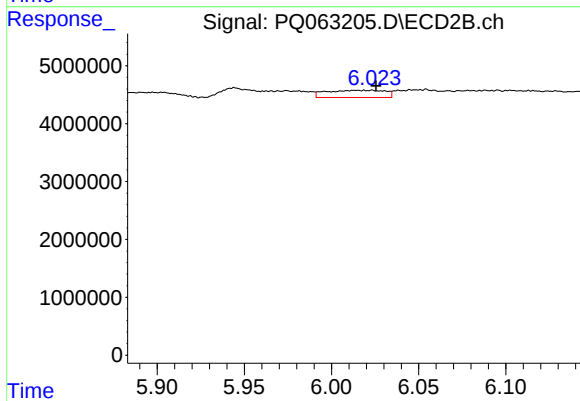
#33 AR-1260-3

R.T.: 5.546 min
Delta R.T.: -0.014 min
Response: 3227500
Conc: 10.42 ng/ml



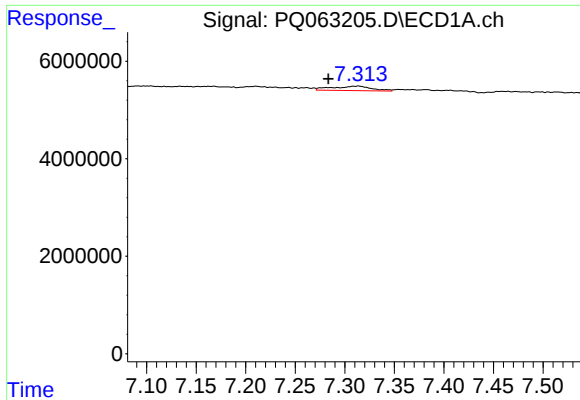
#34 AR-1260-4

R.T.: 6.949 min
Delta R.T.: -0.022 min
Response: 859439
Conc: 3.59 ng/ml



#34 AR-1260-4

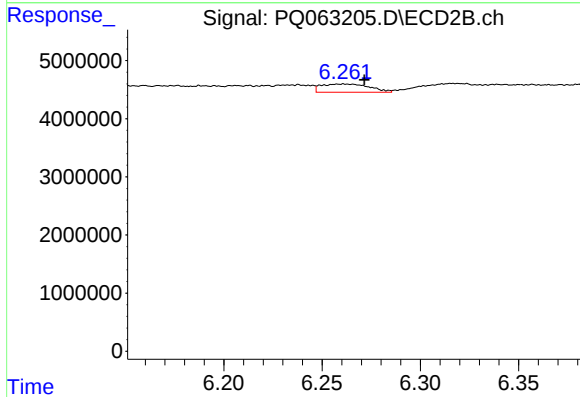
R.T.: 6.018 min
Delta R.T.: -0.007 min
Response: 2876990
Conc: 11.73 ng/ml



#35 AR-1260-5

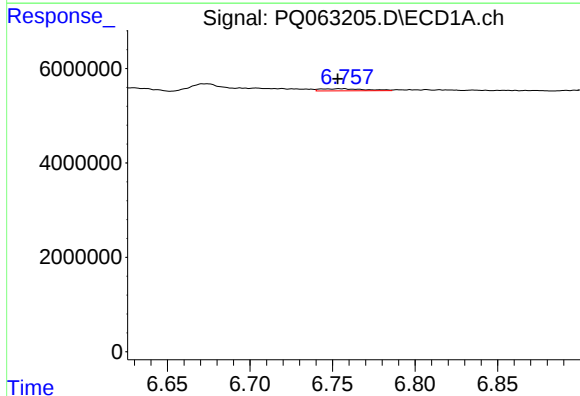
R.T.: 7.314 min
Delta R.T.: 0.030 min
Response: 2590570
Conc: 5.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



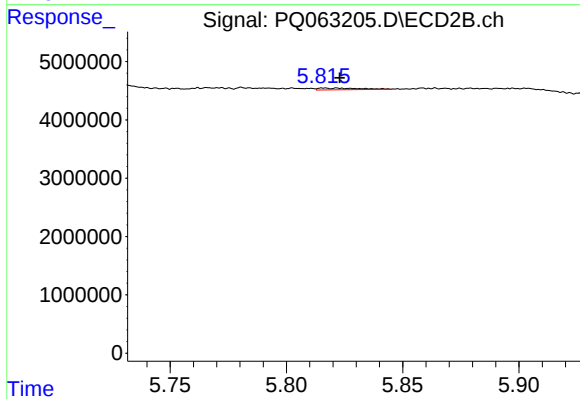
#35 AR-1260-5

R.T.: 6.261 min
Delta R.T.: -0.011 min
Response: 2399842
Conc: 4.39 ng/ml



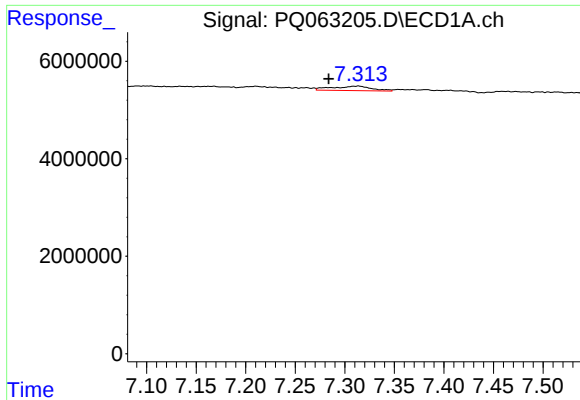
#36 AR-1262-1

R.T.: 6.755 min
Delta R.T.: 0.002 min
Response: 838826
Conc: 2.60 ng/ml



#36 AR-1262-1

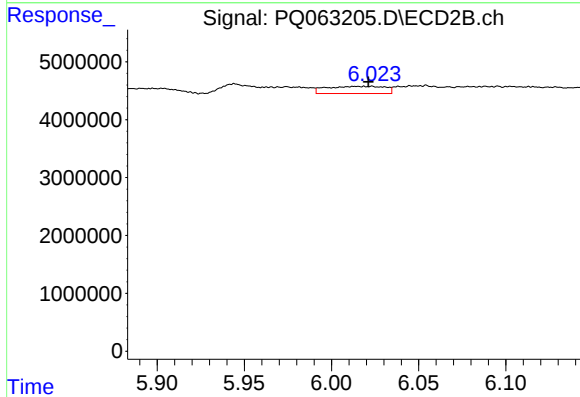
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 348529
Conc: 2.44 ng/ml



#37 AR-1262-2

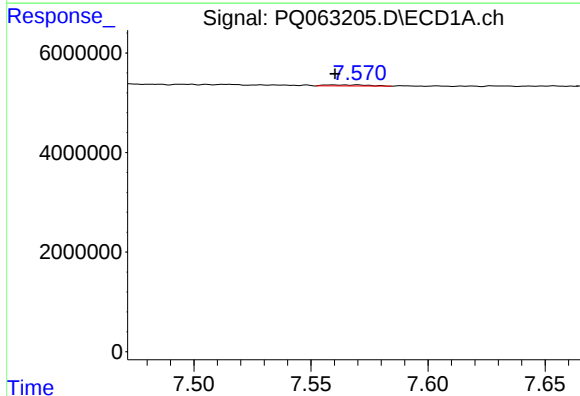
R.T.: 7.314 min
Delta R.T.: 0.030 min
Response: 2590570
Conc: 4.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



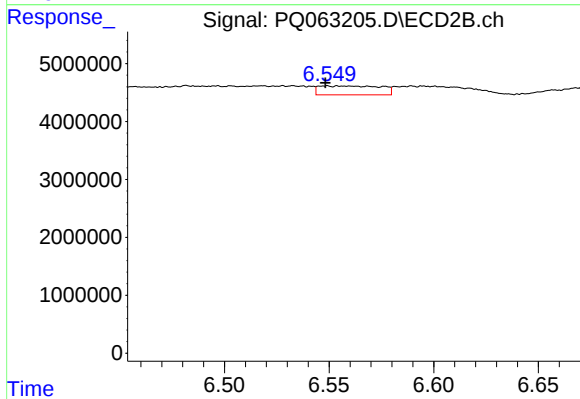
#37 AR-1262-2

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 2876990
Conc: 9.21 ng/ml



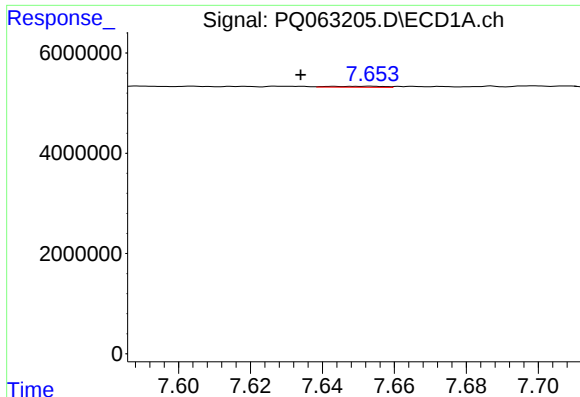
#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: 0.010 min
Response: 268202
Conc: 0.74 ng/ml



#38 AR-1262-3

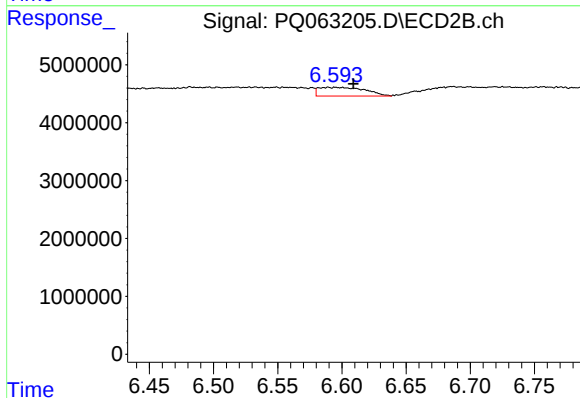
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 3157001
Conc: 12.52 ng/ml



#39 AR-1262-4

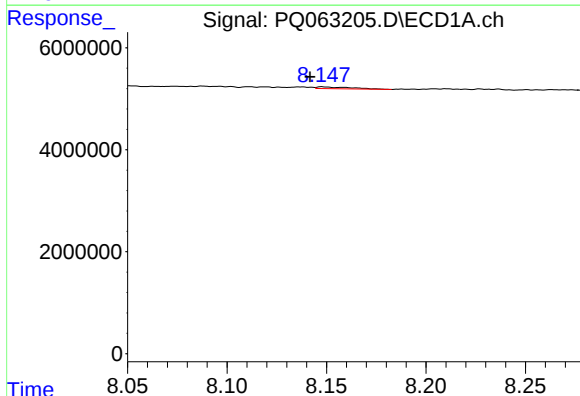
R.T.: 7.653 min
Delta R.T.: 0.020 min
Response: 195777
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



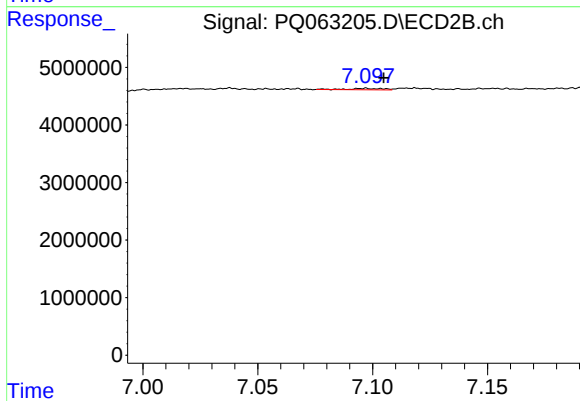
#39 AR-1262-4

R.T.: 6.589 min
Delta R.T.: -0.020 min
Response: 3773852
Conc: 8.07 ng/ml



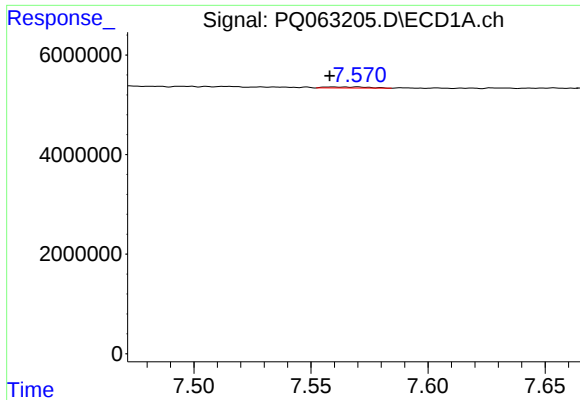
#40 AR-1262-5

R.T.: 8.148 min
Delta R.T.: 0.006 min
Response: 416365
Conc: 2.22 ng/ml



#40 AR-1262-5

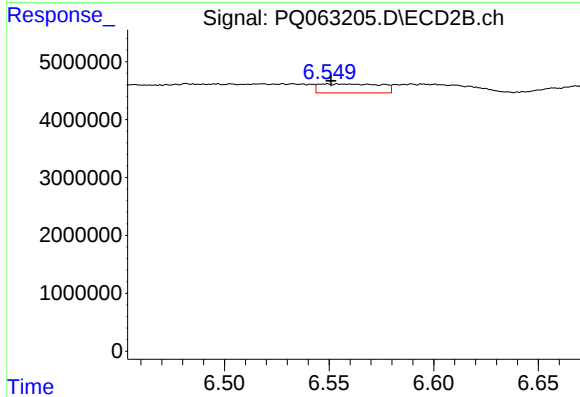
R.T.: 7.097 min
Delta R.T.: -0.008 min
Response: 231843
Conc: 1.06 ng/ml



#41 AR-1268-1

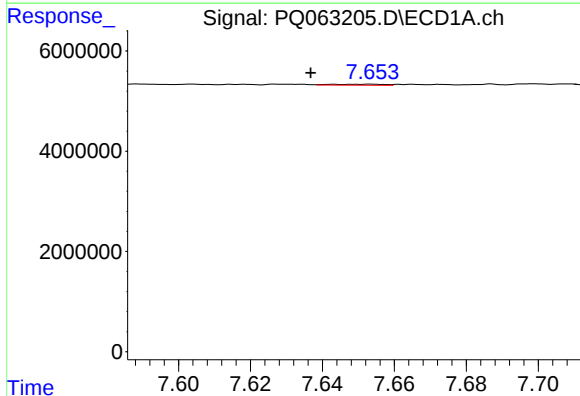
R.T.: 7.570 min
Delta R.T.: 0.012 min
Response: 268202
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



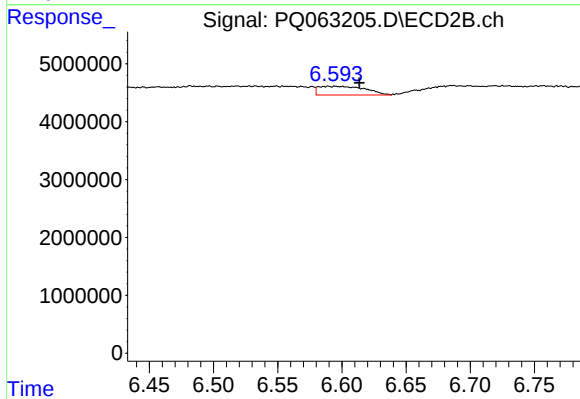
#41 AR-1268-1

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 3157001
Conc: 4.23 ng/ml



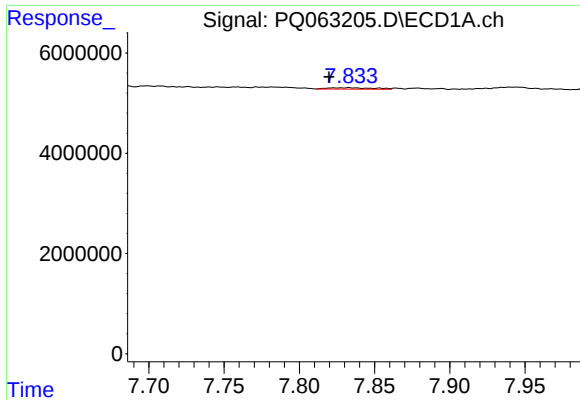
#42 AR-1268-2

R.T.: 7.653 min
Delta R.T.: 0.017 min
Response: 195777
Conc: 0.33 ng/ml



#42 AR-1268-2

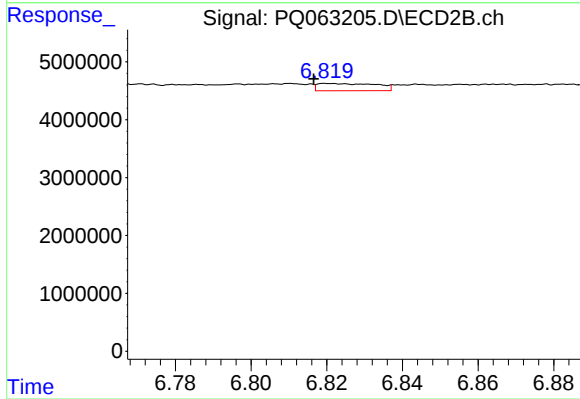
R.T.: 6.589 min
Delta R.T.: -0.024 min
Response: 3773852
Conc: 5.50 ng/ml



#43 AR-1268-3

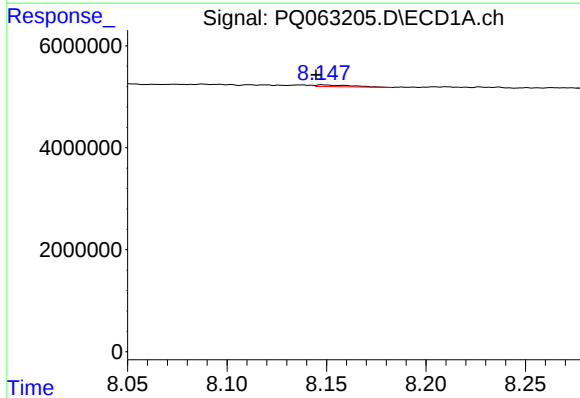
R.T.: 7.833 min
Delta R.T.: 0.013 min
Response: 576049
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



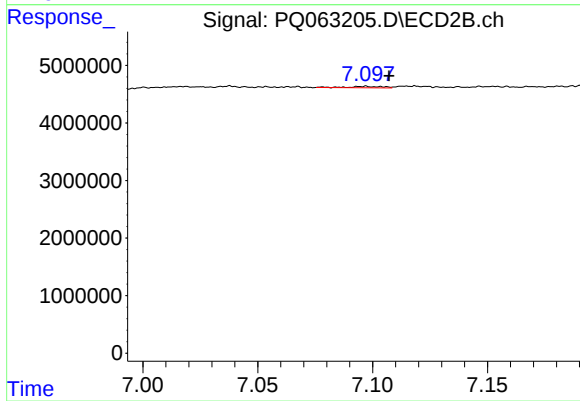
#43 AR-1268-3

R.T.: 6.821 min
Delta R.T.: 0.004 min
Response: 1354624
Conc: 2.31 ng/ml



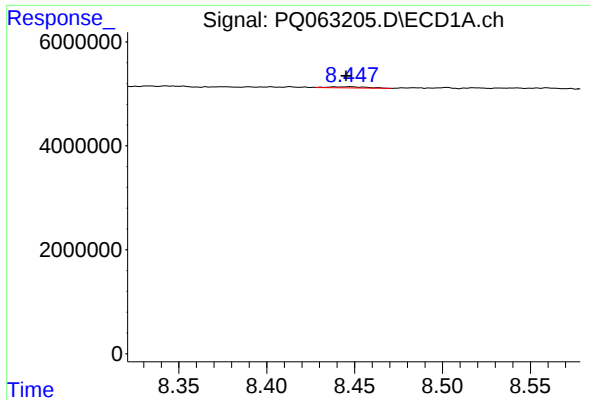
#44 AR-1268-4

R.T.: 8.148 min
Delta R.T.: 0.003 min
Response: 416365
Conc: 1.94 ng/ml



#44 AR-1268-4

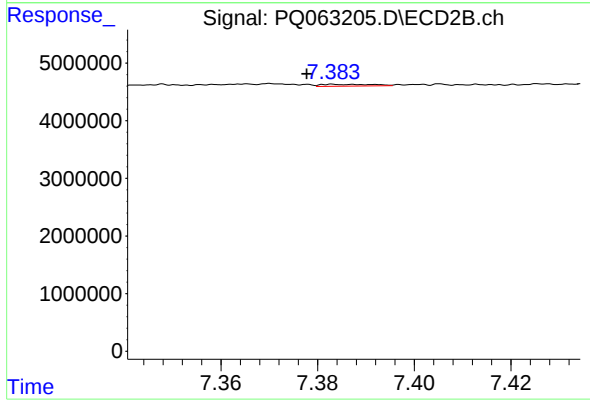
R.T.: 7.097 min
Delta R.T.: -0.010 min
Response: 231843
Conc: 0.91 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.002 min
Response: 338877
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.383 min
Delta R.T.: 0.006 min
Response: 232991
Conc: 0.13 ng/ml