

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 16:54
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:25:36 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...	3.466	2.781	237.6E6	166.2E6	50.732	48.101
2)	SA Decachlor...	8.701	7.582	174.0E6	167.1E6	49.804	46.472
Target Compounds							
3)	L1 AR-1016-1	4.582	3.792	61510025	51291206	423.052	411.771
4)	L1 AR-1016-2	4.601	3.808	97220586	73269131	416.112	412.182
5)	L1 AR-1016-3	4.660	3.969	59650000	39430596	415.111	408.641
6)	L1 AR-1016-4	4.752	4.018	47883255	32936088	419.780	406.305
7)	L1 AR-1016-5	5.042	4.214	49458303	42564353	420.892	422.834
8)	L2 AR-1221-1	3.665	2.985	7739410	7238533	135.275	155.636
9)	L2 AR-1221-2	3.749	3.062	8884954	7299879	235.021	236.052
10)	L2 AR-1221-3	3.819	3.132	36801624	29952674	291.579	281.129
11)	L3 AR-1232-1	3.819	3.132	36801624	29952674	353.401	344.488
12)	L3 AR-1232-2	4.320	3.808	57568110	73269131	905.052	906.027
13)	L3 AR-1232-3	4.601	3.969	97220586	39430596	927.726	929.538
14)	L3 AR-1232-4	4.752	4.055	47883255	37061437	963.556	1010.739
15)	L3 AR-1232-5	4.851	4.214	37670956	42564353	991.818	986.704
16)	L4 AR-1242-1	4.582	3.792	61510025	51291206	466.431	470.058
17)	L4 AR-1242-2	4.601	3.808	97220586	73269131	469.820	471.426
18)	L4 AR-1242-3	4.660	3.969	59650000	39430596	470.518	470.099
19)	L4 AR-1242-4	4.752	4.055	47883255	37061437	464.253	462.485
20)	L4 AR-1242-5	5.474	4.554	51837866	49499968	474.015	472.991
21)	L5 AR-1248-1	4.582	3.792	61510025	51291206	625.924	639.176
22)	L5 AR-1248-2	4.851	4.018	37670956	32936088	263.395	275.087
23)	L5 AR-1248-3	5.042	4.055	49458303	37061437	287.501	323.259
24)	L5 AR-1248-4	5.439	4.214	48193590	42564353	252.071	301.868
25)	L5 AR-1248-5	5.474	4.591	51837866	42030242	278.641	304.167
26)	L6 AR-1254-1	5.411	4.554	37943679	49499968	188.673	234.762
27)	L6 AR-1254-2	5.627	4.701	43541949	13384259	142.807	72.315 #
28)	L6 AR-1254-3	5.985	5.084	18878090	16714763	57.548	58.417
29)	L6 AR-1254-4	6.271	5.312	14621406	12400322	60.367	66.981
30)	L6 AR-1254-5	6.687	5.720	3800728	4664707	14.800	18.055
31)	L7 AR-1260-1	6.153	5.218	3114410	7274846	12.948	36.028 #
32)	L7 AR-1260-2	6.411	5.403	2312218	1801018	8.161	7.360
33)	L7 AR-1260-3	6.773	5.545	271643	2156596	1.336	9.120 #
34)	L7 AR-1260-4	7.000	6.015	1545445	174477	6.483	0.914 #
35)	L7 AR-1260-5	7.301	6.258	619108	1346671	1.383	3.075 #
36)	L8 AR-1262-1	6.773	5.811	271643	145444	0.872	1.382 #
37)	L8 AR-1262-2	7.301	6.015	619108	174477	1.192	0.751 #
38)	L8 AR-1262-3	7.583	6.548	481929	2872954	1.392	14.957 #
39)	L8 AR-1262-4	7.667	6.602	1612148	389046	5.922	1.113 #
40)	L8 AR-1262-5	8.175	7.119	371516	104139	2.166	0.629 #
41)	L9 AR-1268-1	7.583	6.548	481929	2872954	0.780	5.124 #

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 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

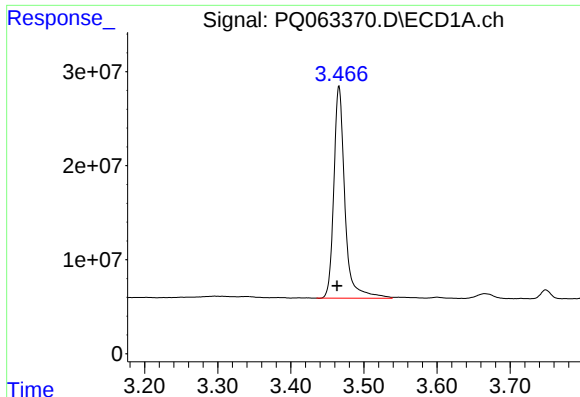
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:25:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.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	7.667	6.602	1612148	389046	2.816	0.782 #
43) L9	AR-1268-3	7.839	6.802	652047	1337758	1.337	3.138 #
44) L9	AR-1268-4	8.175	7.119	371516	104139	1.931	0.562 #
45) L9	AR-1268-5	8.462	7.362	1917371	2447450	1.343	1.861 #

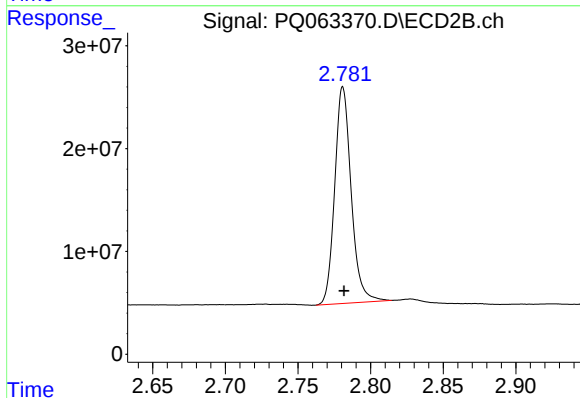
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

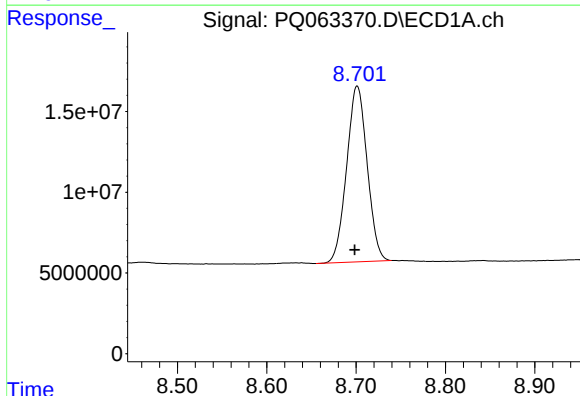
R.T.: 3.466 min
Delta R.T.: 0.003 min
Response: 237605707
Conc: 50.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



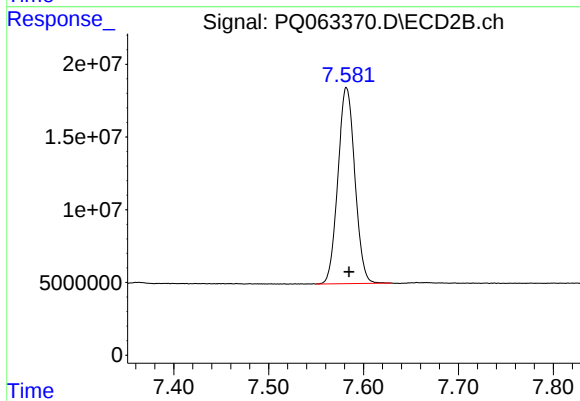
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 166237473
Conc: 48.10 ng/ml



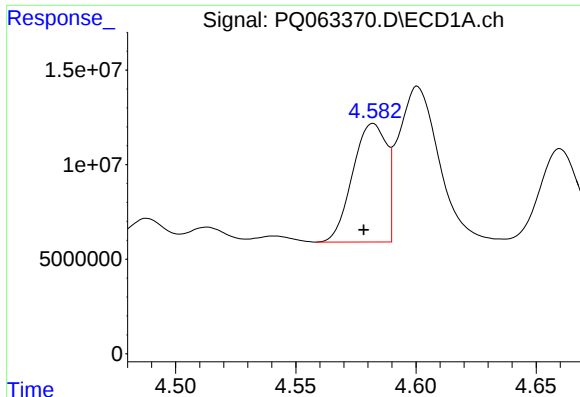
#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: 0.003 min
Response: 174039205
Conc: 49.80 ng/ml



#2 Decachlorobiphenyl

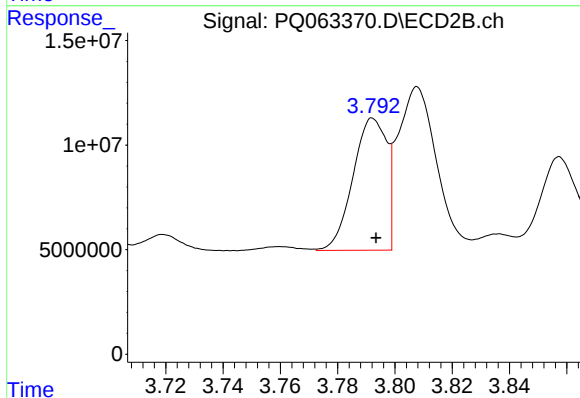
R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 167053898
Conc: 46.47 ng/ml



#3 AR-1016-1

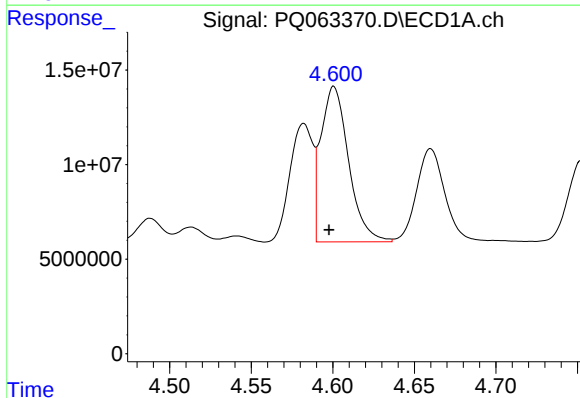
R.T.: 4.582 min
Delta R.T.: 0.004 min
Response: 61510025
Conc: 423.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



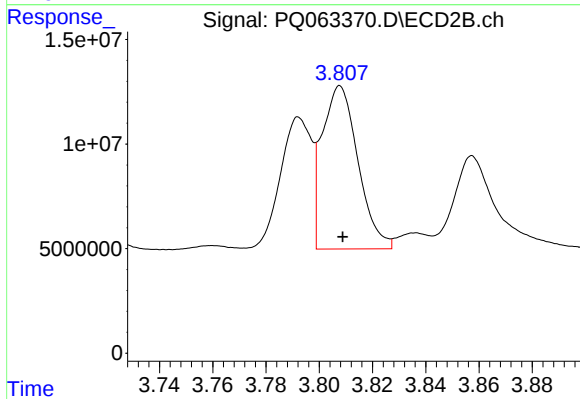
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 51291206
Conc: 411.77 ng/ml



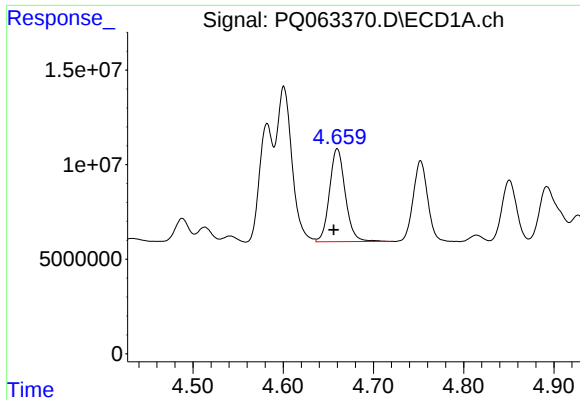
#4 AR-1016-2

R.T.: 4.601 min
Delta R.T.: 0.003 min
Response: 97220586
Conc: 416.11 ng/ml



#4 AR-1016-2

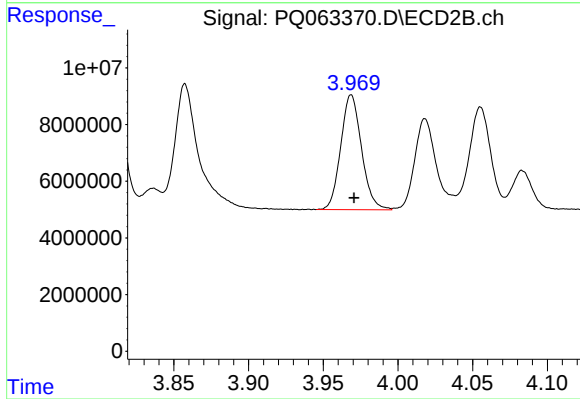
R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 73269131
Conc: 412.18 ng/ml



#5 AR-1016-3

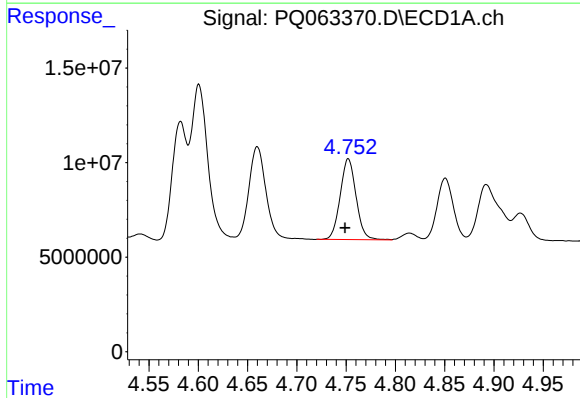
R.T.: 4.660 min
Delta R.T.: 0.004 min
Response: 59650000
Conc: 415.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



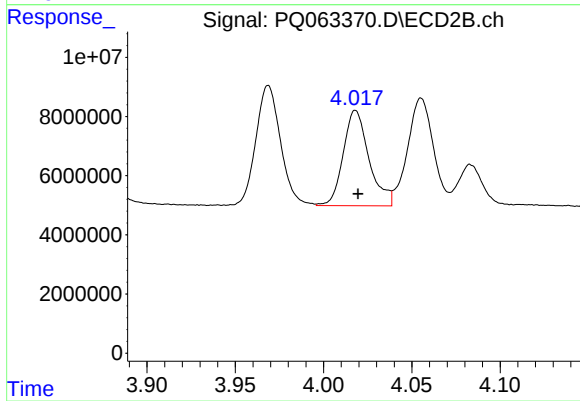
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 39430596
Conc: 408.64 ng/ml



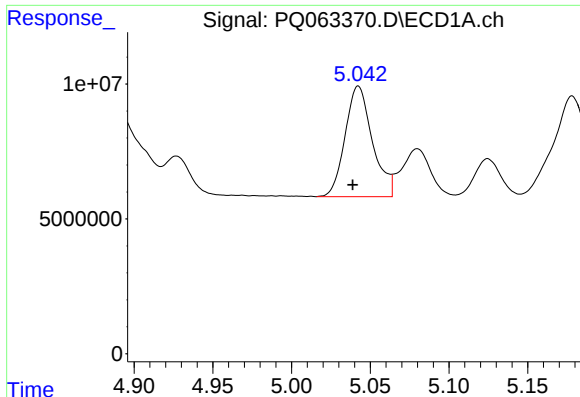
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 47883255
Conc: 419.78 ng/ml



#6 AR-1016-4

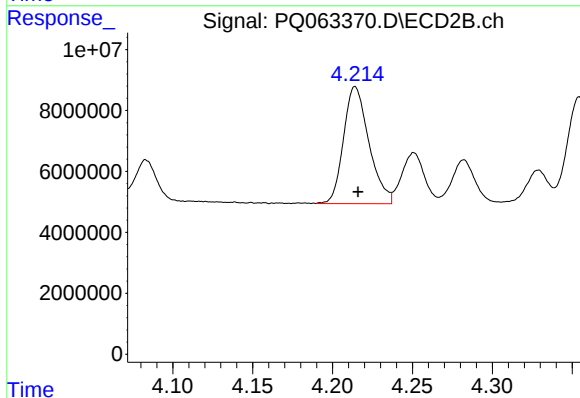
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 32936088
Conc: 406.30 ng/ml



#7 AR-1016-5

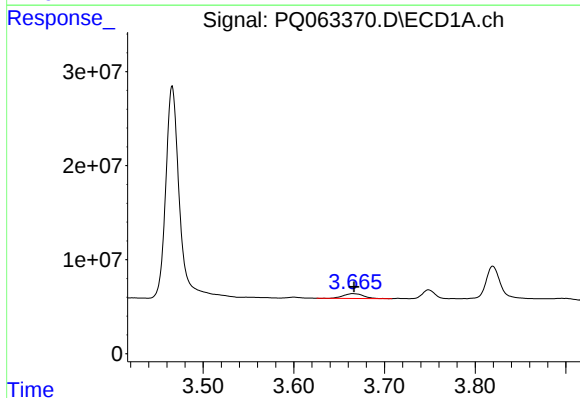
R.T.: 5.042 min
Delta R.T.: 0.004 min
Response: 49458303
Conc: 420.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



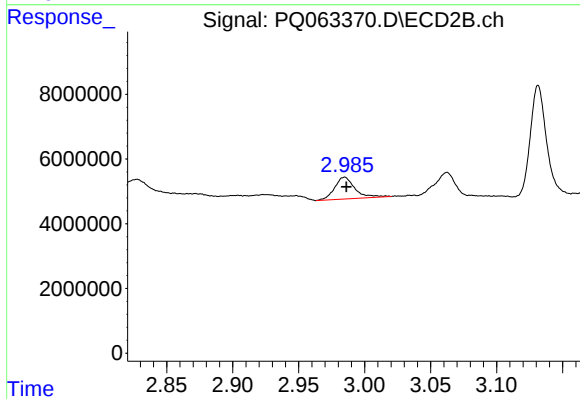
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 42564353
Conc: 422.83 ng/ml



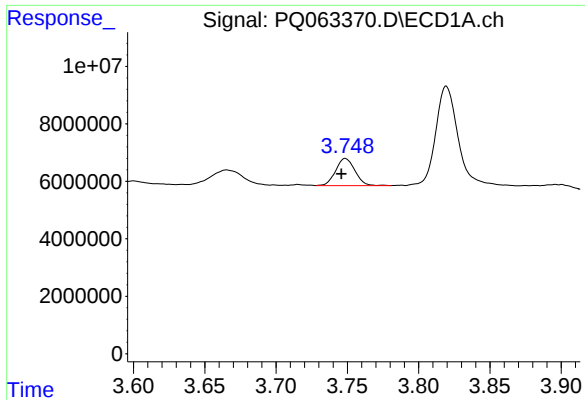
#8 AR-1221-1

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 7739410
Conc: 135.28 ng/ml



#8 AR-1221-1

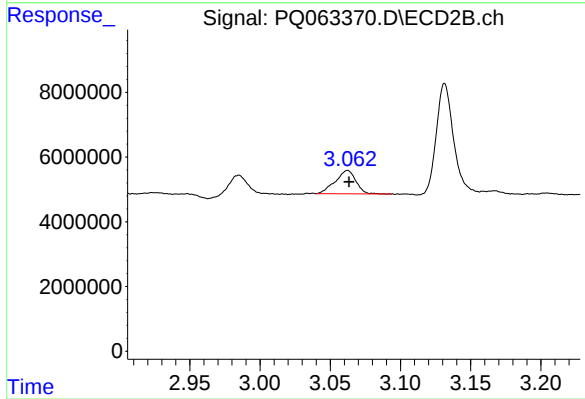
R.T.: 2.985 min
Delta R.T.: -0.001 min
Response: 7238533
Conc: 155.64 ng/ml



#9 AR-1221-2

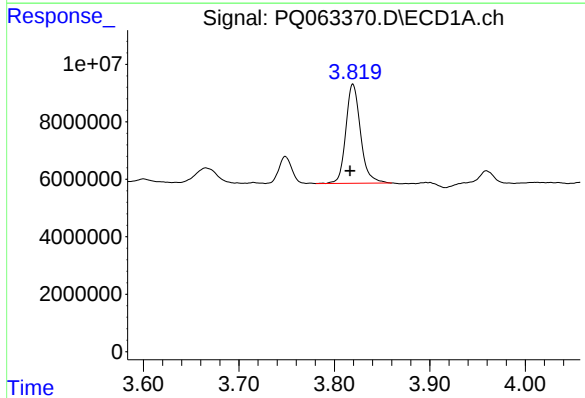
R.T.: 3.749 min
Delta R.T.: 0.003 min
Response: 8884954
Conc: 235.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



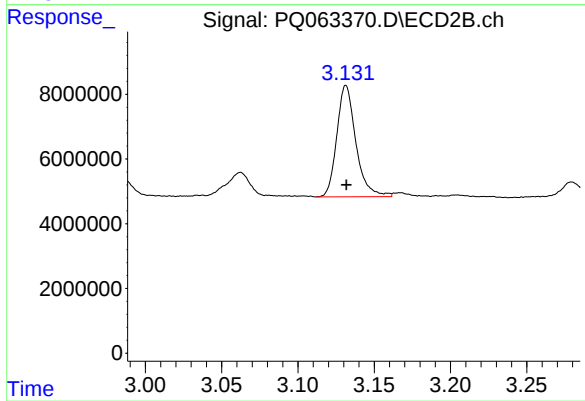
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: 0.000 min
Response: 7299879
Conc: 236.05 ng/ml



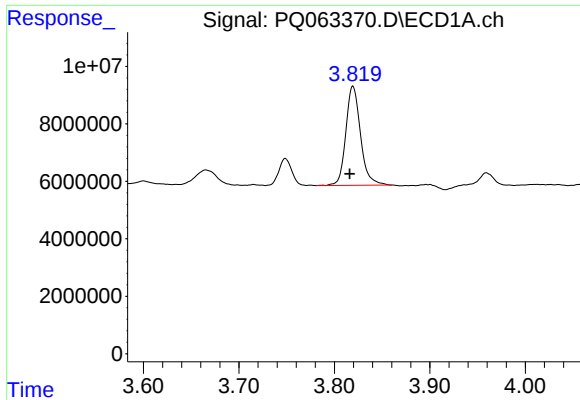
#10 AR-1221-3

R.T.: 3.819 min
Delta R.T.: 0.003 min
Response: 36801624
Conc: 291.58 ng/ml



#10 AR-1221-3

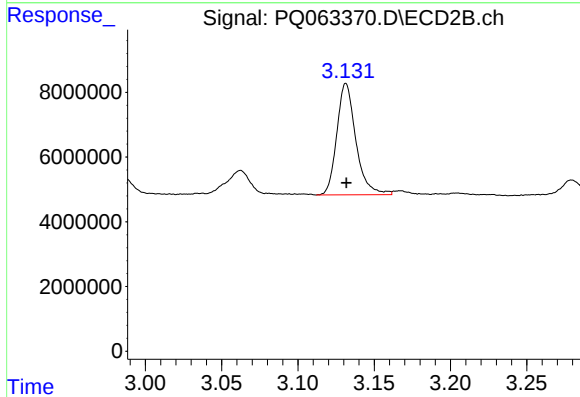
R.T.: 3.132 min
Delta R.T.: 0.000 min
Response: 29952674
Conc: 281.13 ng/ml



#11 AR-1232-1

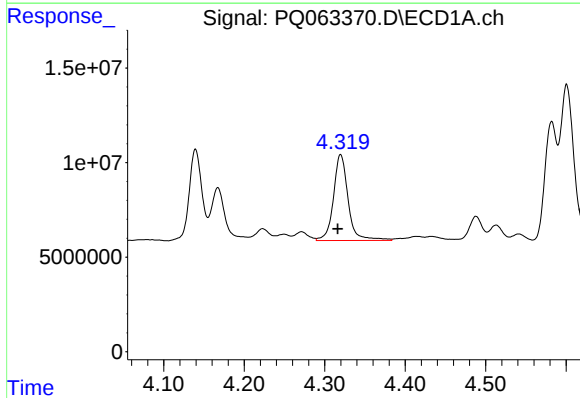
R.T.: 3.819 min
Delta R.T.: 0.003 min
Response: 36801624
Conc: 353.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



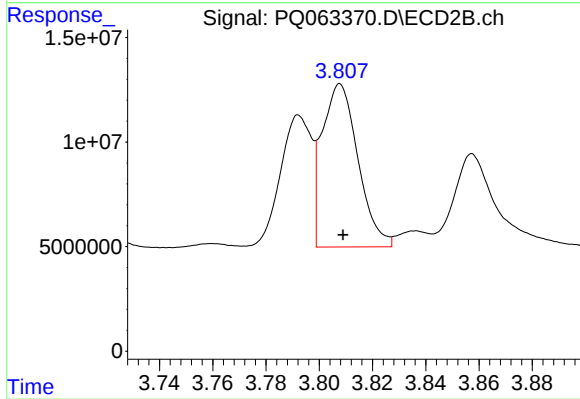
#11 AR-1232-1

R.T.: 3.132 min
Delta R.T.: 0.000 min
Response: 29952674
Conc: 344.49 ng/ml



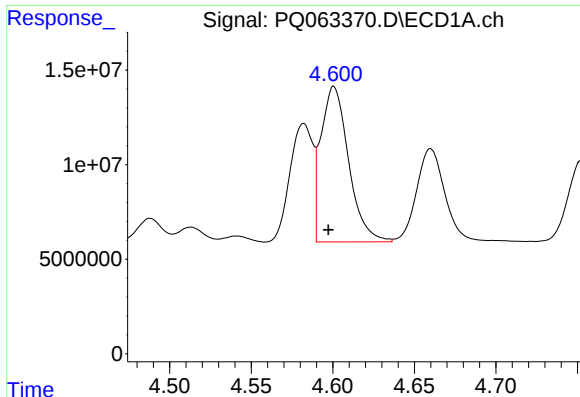
#12 AR-1232-2

R.T.: 4.320 min
Delta R.T.: 0.004 min
Response: 57568110
Conc: 905.05 ng/ml



#12 AR-1232-2

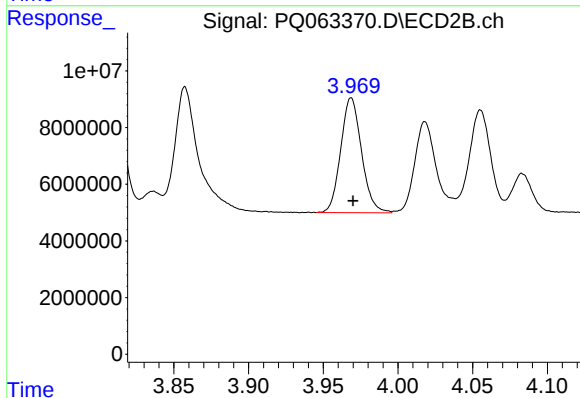
R.T.: 3.808 min
Delta R.T.: -0.001 min
Response: 73269131
Conc: 906.03 ng/ml



#13 AR-1232-3

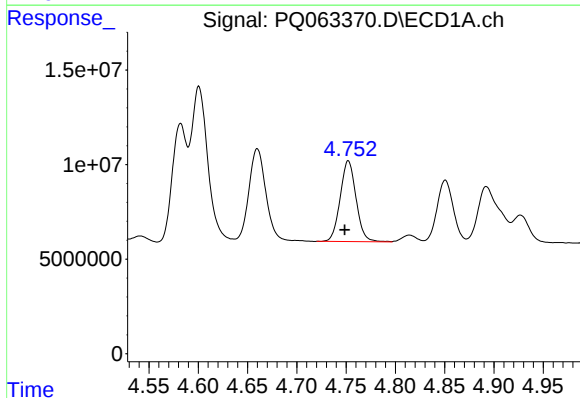
R.T.: 4.601 min
Delta R.T.: 0.003 min
Response: 97220586
Conc: 927.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



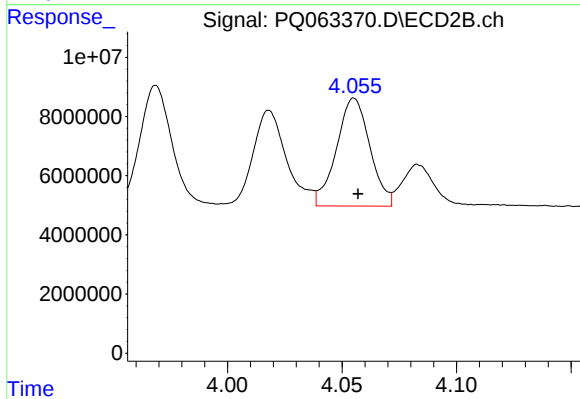
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 39430596
Conc: 929.54 ng/ml



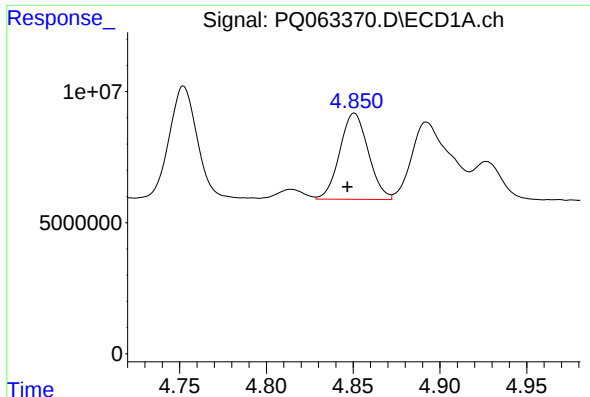
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: 0.004 min
Response: 47883255
Conc: 963.56 ng/ml



#14 AR-1232-4

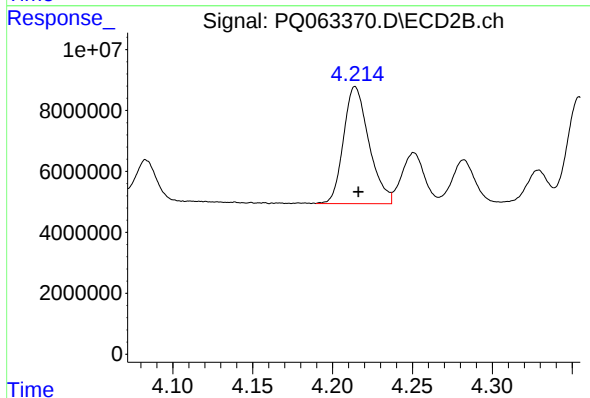
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 37061437
Conc: 1010.74 ng/ml



#15 AR-1232-5

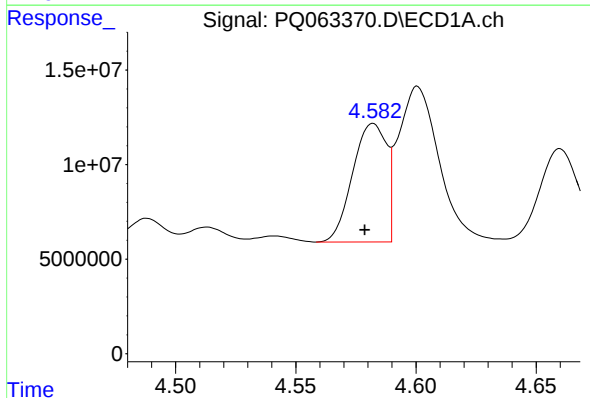
R.T.: 4.851 min
Delta R.T.: 0.004 min
Response: 37670956
Conc: 991.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



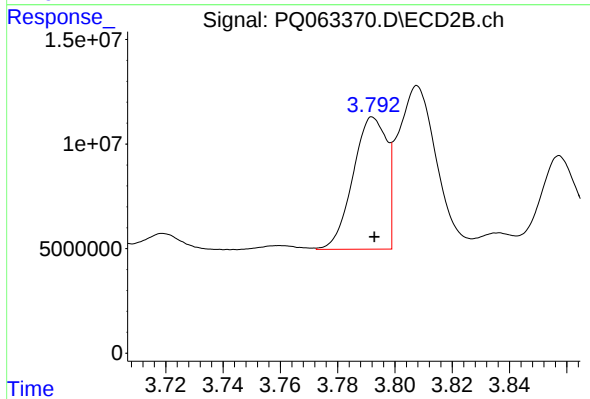
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 42564353
Conc: 986.70 ng/ml



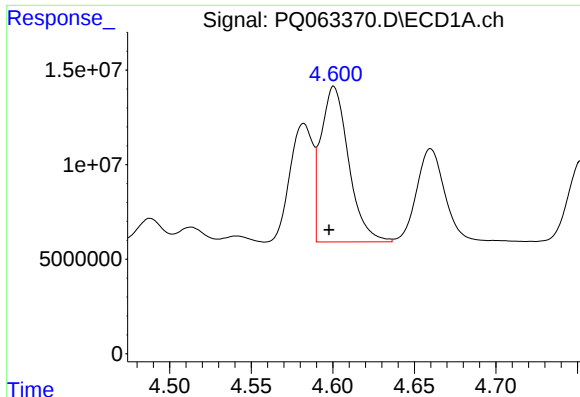
#16 AR-1242-1

R.T.: 4.582 min
Delta R.T.: 0.003 min
Response: 61510025
Conc: 466.43 ng/ml



#16 AR-1242-1

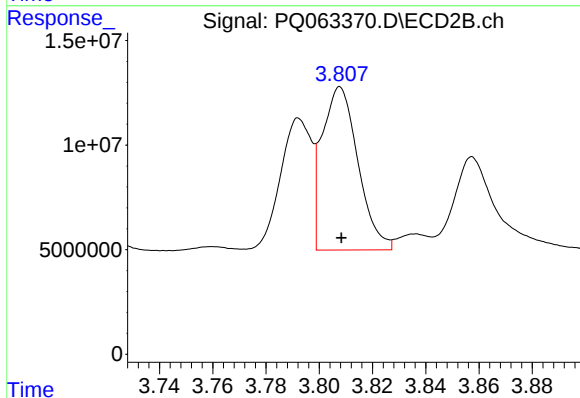
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 51291206
Conc: 470.06 ng/ml



#17 AR-1242-2

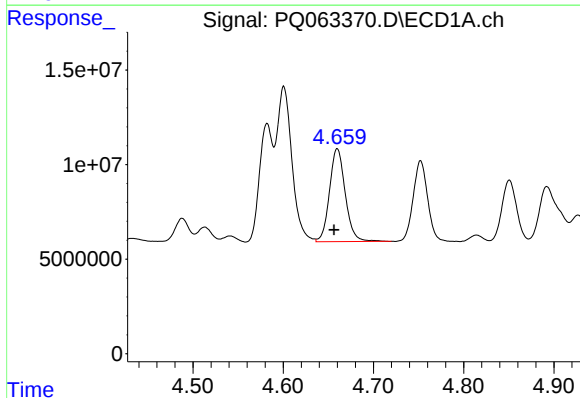
R.T.: 4.601 min
Delta R.T.: 0.003 min
Response: 97220586
Conc: 469.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



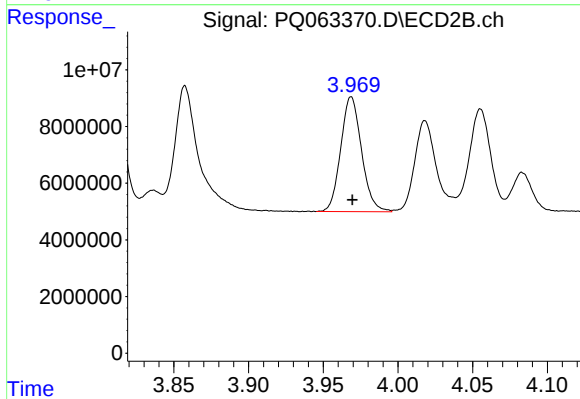
#17 AR-1242-2

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 73269131
Conc: 471.43 ng/ml



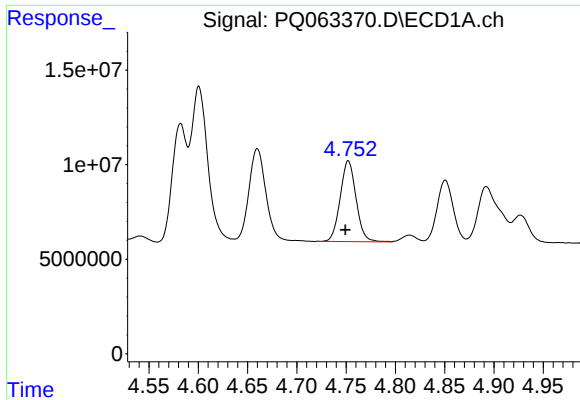
#18 AR-1242-3

R.T.: 4.660 min
Delta R.T.: 0.004 min
Response: 59650000
Conc: 470.52 ng/ml



#18 AR-1242-3

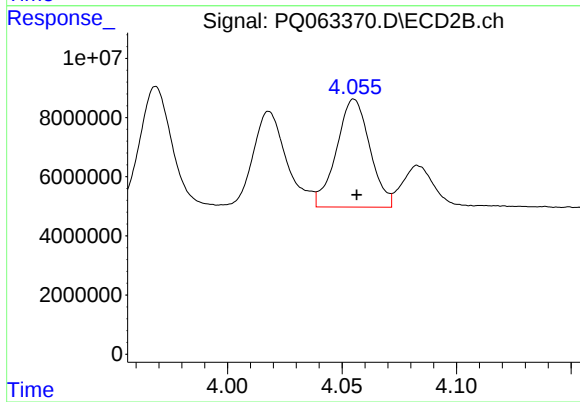
R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 39430596
Conc: 470.10 ng/ml



#19 AR-1242-4

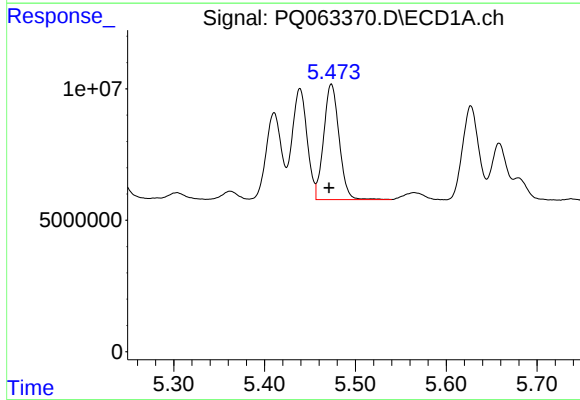
R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 47883255
Conc: 464.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



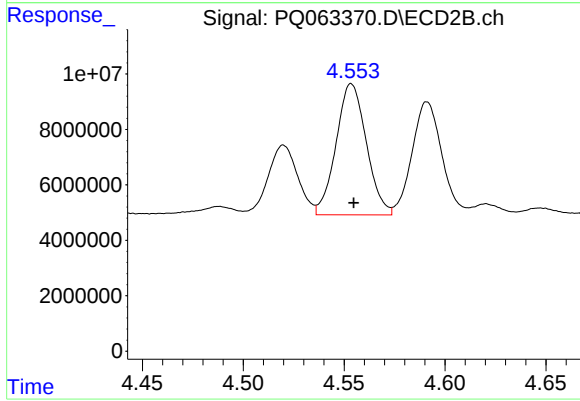
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 37061437
Conc: 462.49 ng/ml



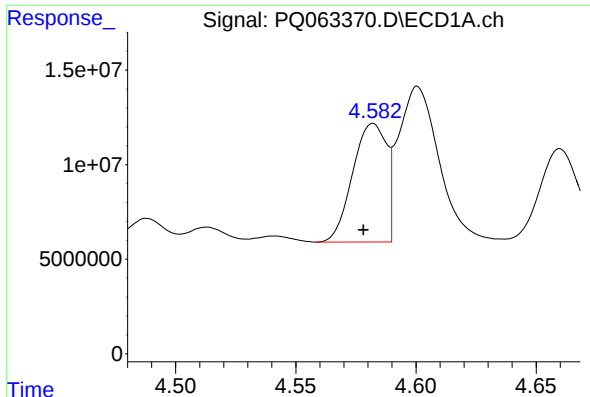
#20 AR-1242-5

R.T.: 5.474 min
Delta R.T.: 0.003 min
Response: 51837866
Conc: 474.01 ng/ml



#20 AR-1242-5

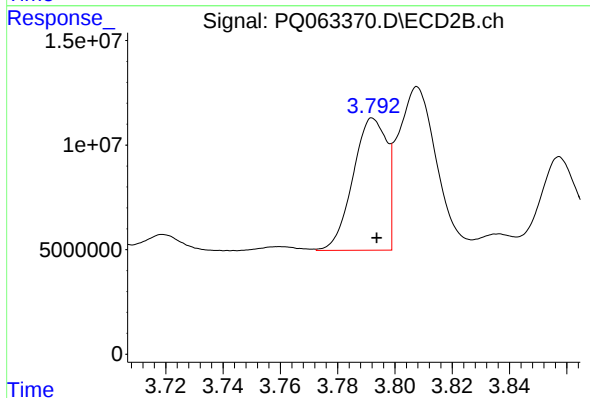
R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 49499968
Conc: 472.99 ng/ml



#21 AR-1248-1

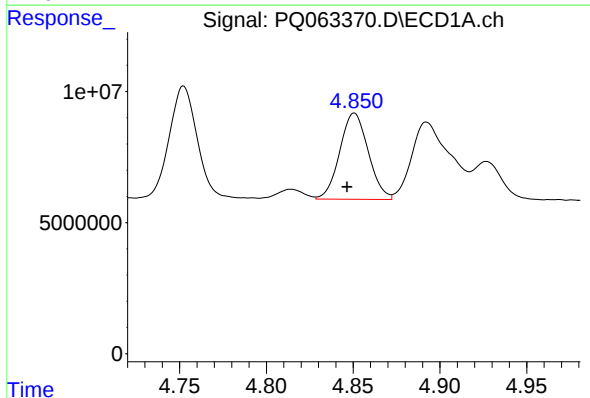
R.T.: 4.582 min
Delta R.T.: 0.004 min
Response: 61510025
Conc: 625.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



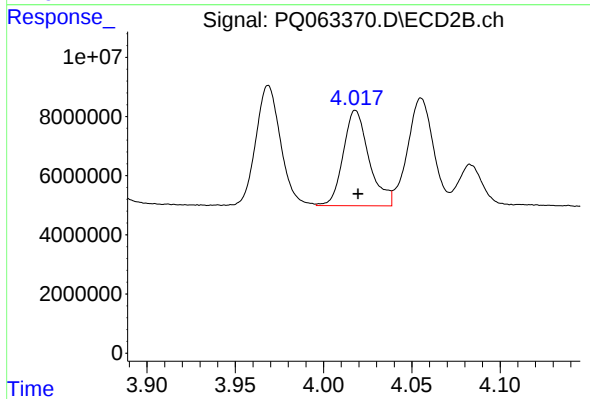
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 51291206
Conc: 639.18 ng/ml



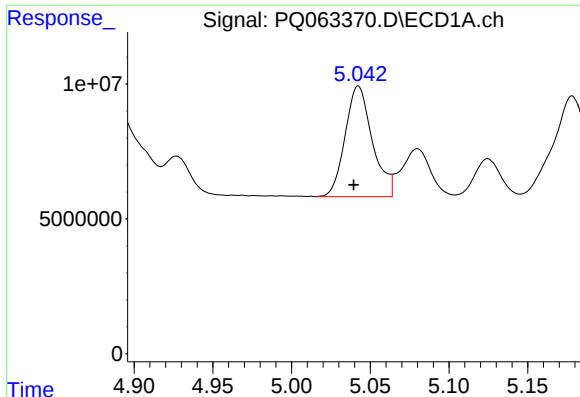
#22 AR-1248-2

R.T.: 4.851 min
Delta R.T.: 0.004 min
Response: 37670956
Conc: 263.39 ng/ml



#22 AR-1248-2

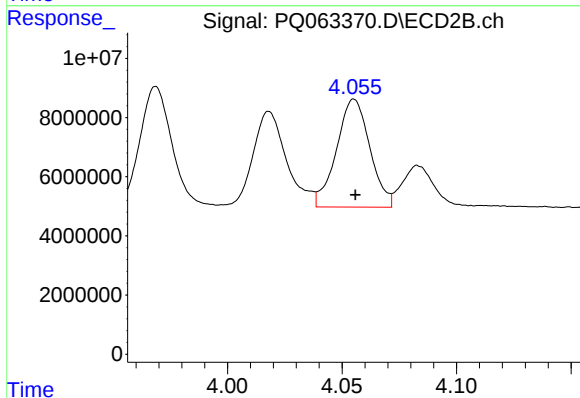
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 32936088
Conc: 275.09 ng/ml



#23 AR-1248-3

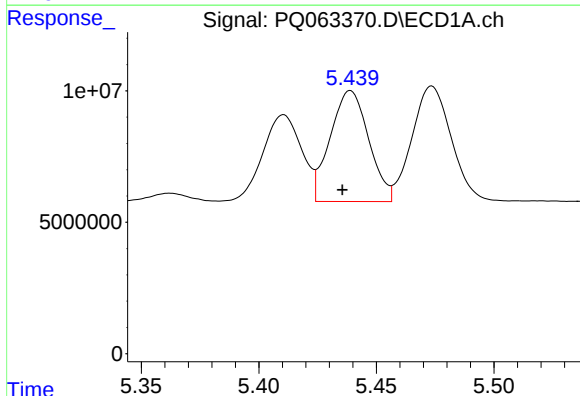
R.T.: 5.042 min
Delta R.T.: 0.003 min
Response: 49458303
Conc: 287.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



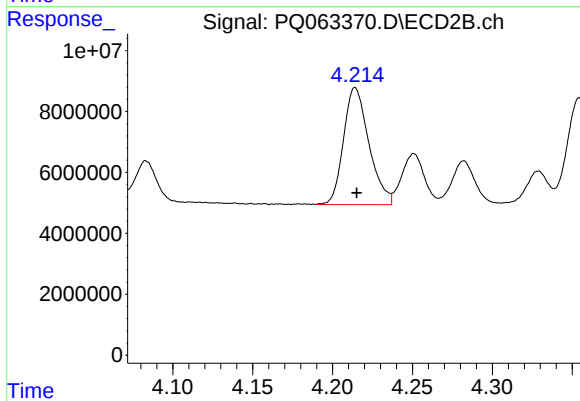
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 37061437
Conc: 323.26 ng/ml



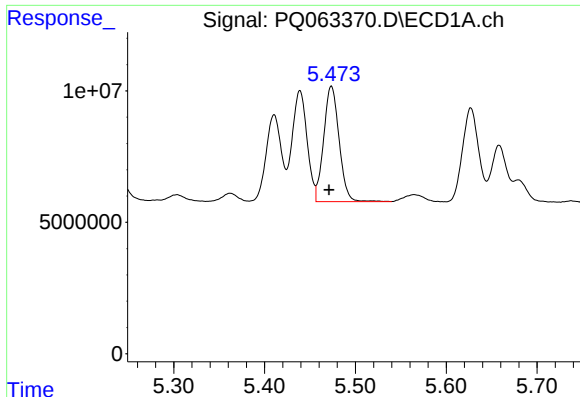
#24 AR-1248-4

R.T.: 5.439 min
Delta R.T.: 0.003 min
Response: 48193590
Conc: 252.07 ng/ml



#24 AR-1248-4

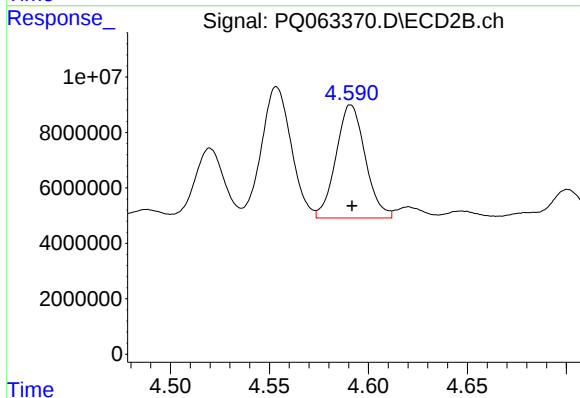
R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 42564353
Conc: 301.87 ng/ml



#25 AR-1248-5

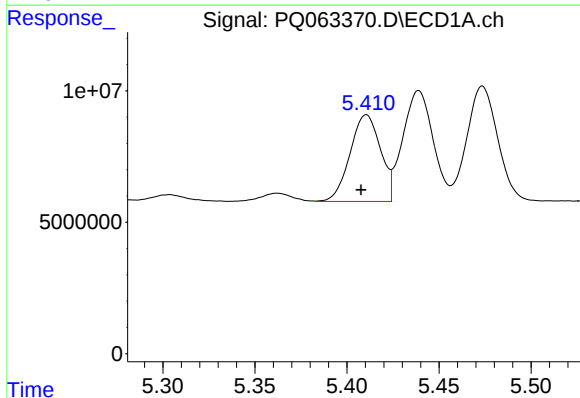
R.T.: 5.474 min
Delta R.T.: 0.002 min
Response: 51837866
Conc: 278.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



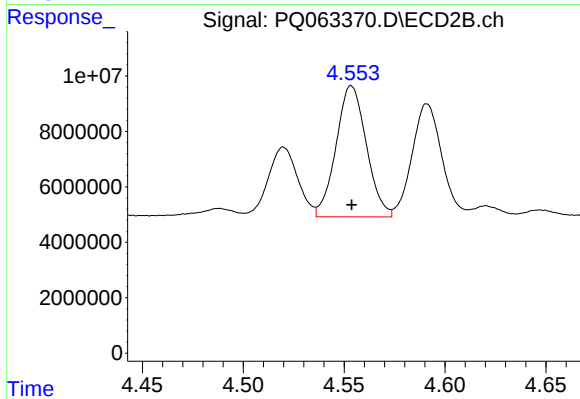
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 42030242
Conc: 304.17 ng/ml



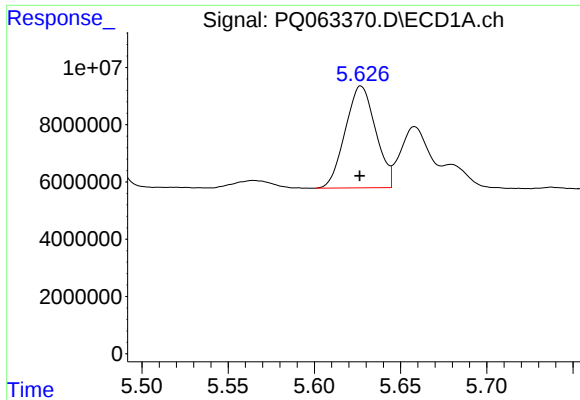
#26 AR-1254-1

R.T.: 5.411 min
Delta R.T.: 0.003 min
Response: 37943679
Conc: 188.67 ng/ml



#26 AR-1254-1

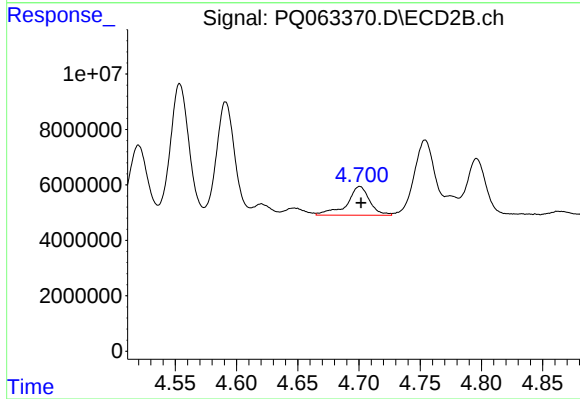
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 49499968
Conc: 234.76 ng/ml



#27 AR-1254-2

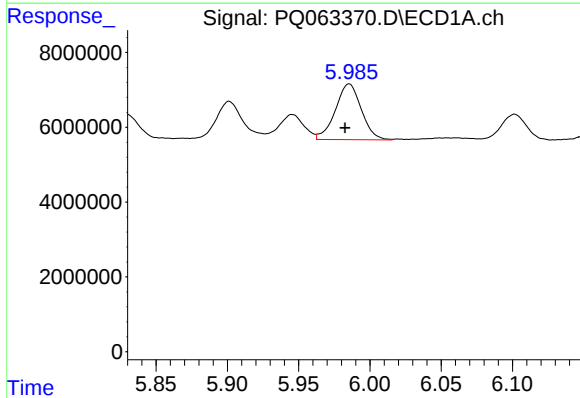
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 43541949
Conc: 142.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



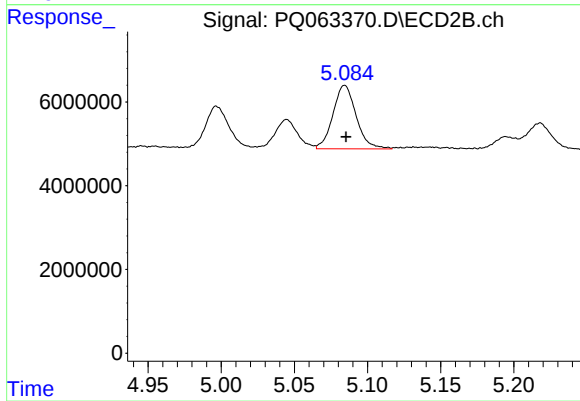
#27 AR-1254-2

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 13384259
Conc: 72.32 ng/ml



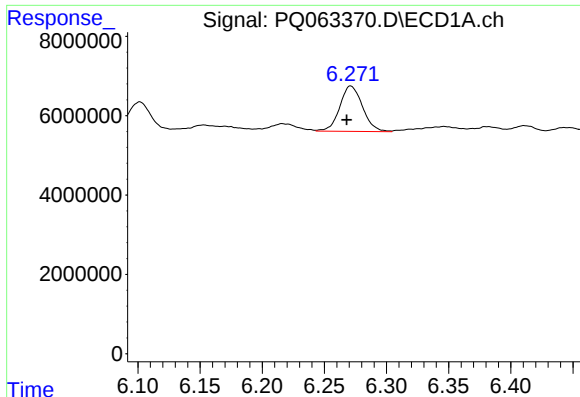
#28 AR-1254-3

R.T.: 5.985 min
Delta R.T.: 0.003 min
Response: 18878090
Conc: 57.55 ng/ml



#28 AR-1254-3

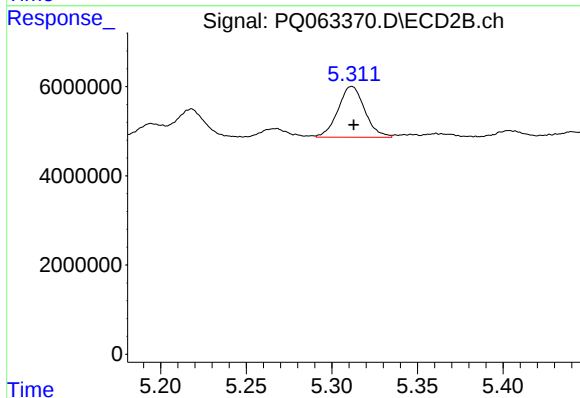
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 16714763
Conc: 58.42 ng/ml



#29 AR-1254-4

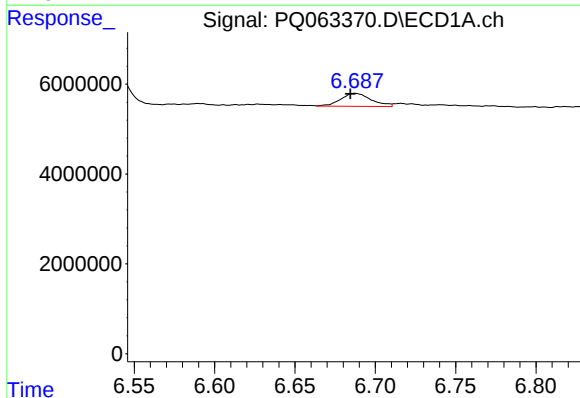
R.T.: 6.271 min
Delta R.T.: 0.003 min
Response: 14621406
Conc: 60.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



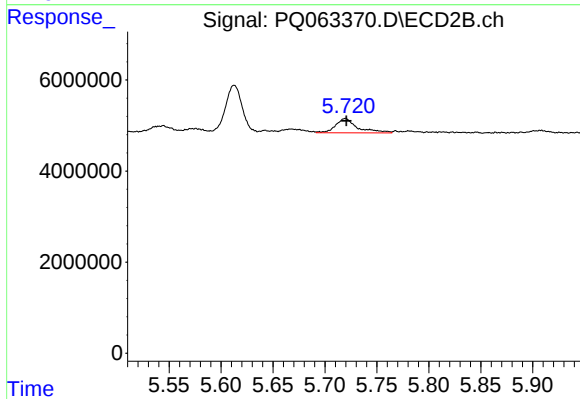
#29 AR-1254-4

R.T.: 5.312 min
Delta R.T.: -0.001 min
Response: 12400322
Conc: 66.98 ng/ml



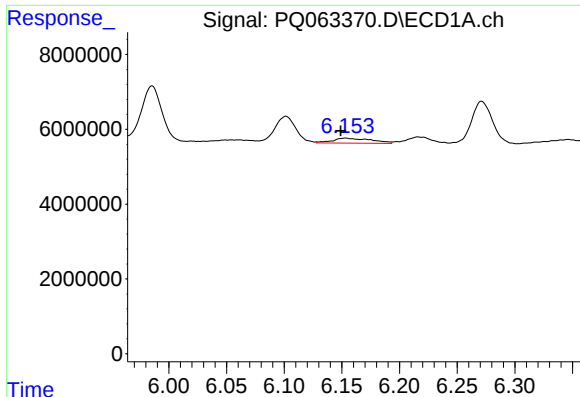
#30 AR-1254-5

R.T.: 6.687 min
Delta R.T.: 0.003 min
Response: 3800728
Conc: 14.80 ng/ml



#30 AR-1254-5

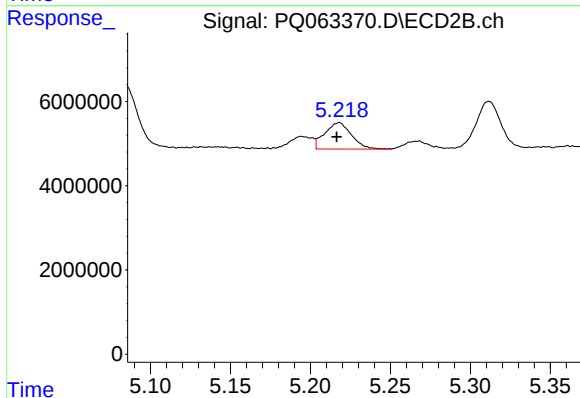
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 4664707
Conc: 18.05 ng/ml



#31 AR-1260-1

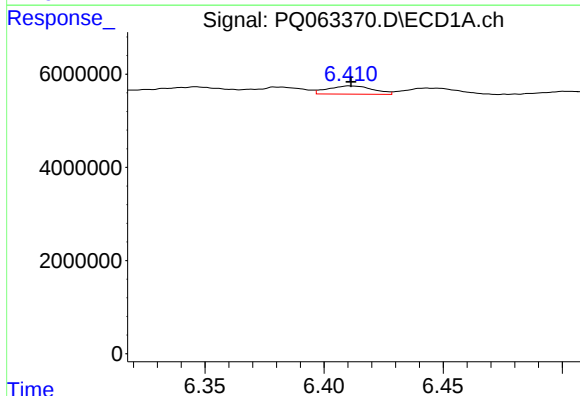
R.T.: 6.153 min
Delta R.T.: 0.004 min
Response: 3114410
Conc: 12.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



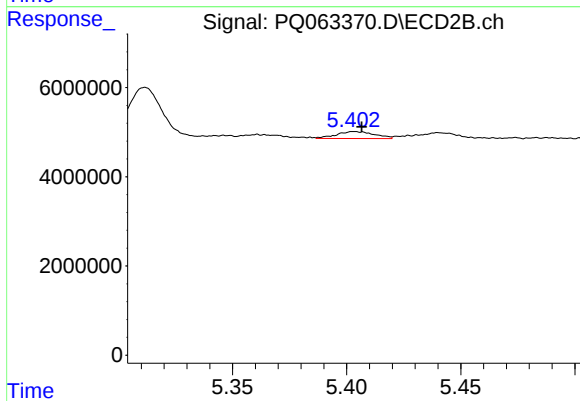
#31 AR-1260-1

R.T.: 5.218 min
Delta R.T.: 0.002 min
Response: 7274846
Conc: 36.03 ng/ml



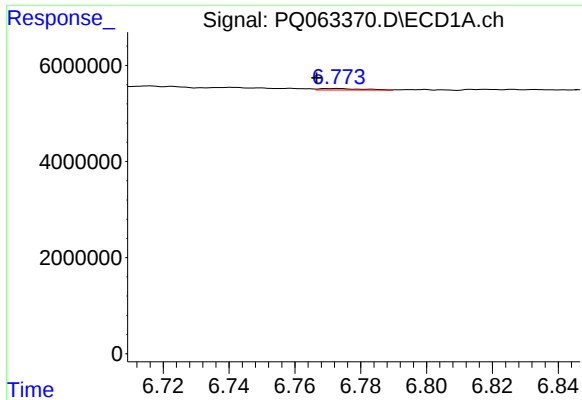
#32 AR-1260-2

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 2312218
Conc: 8.16 ng/ml



#32 AR-1260-2

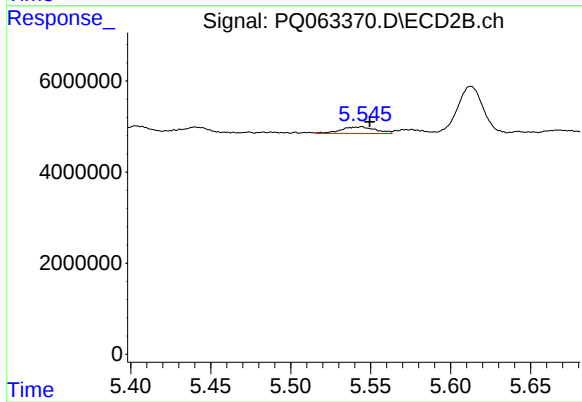
R.T.: 5.403 min
Delta R.T.: -0.004 min
Response: 1801018
Conc: 7.36 ng/ml



#33 AR-1260-3

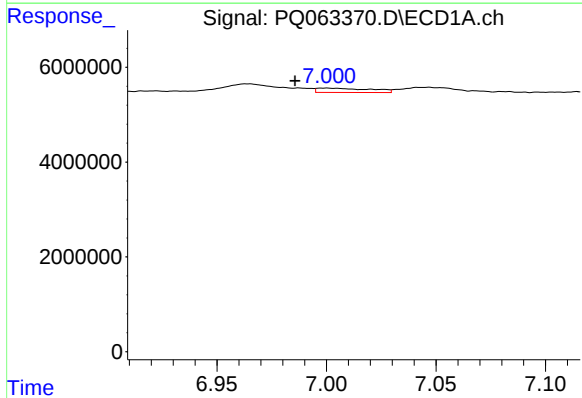
R.T.: 6.773 min
Delta R.T.: 0.006 min
Response: 271643
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



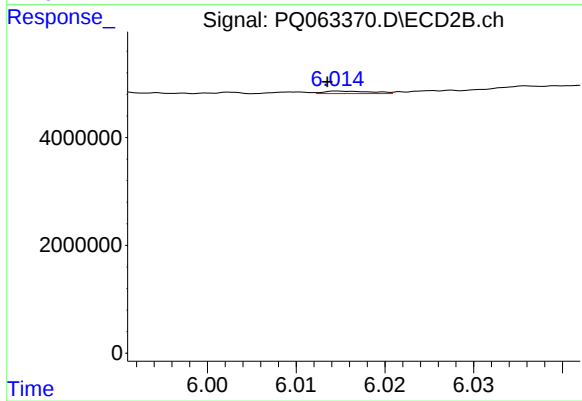
#33 AR-1260-3

R.T.: 5.545 min
Delta R.T.: -0.005 min
Response: 2156596
Conc: 9.12 ng/ml



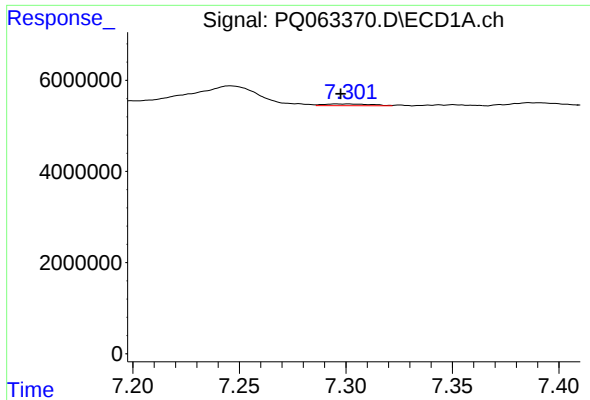
#34 AR-1260-4

R.T.: 7.000 min
Delta R.T.: 0.014 min
Response: 1545445
Conc: 6.48 ng/ml



#34 AR-1260-4

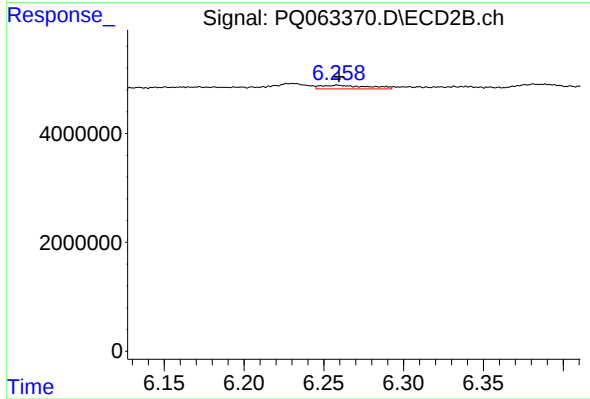
R.T.: 6.015 min
Delta R.T.: 0.002 min
Response: 174477
Conc: 0.91 ng/ml



#35 AR-1260-5

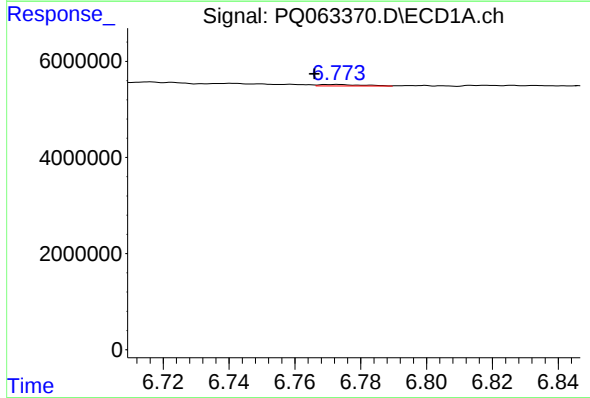
R.T.: 7.301 min
Delta R.T.: 0.004 min
Response: 619108
Conc: 1.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



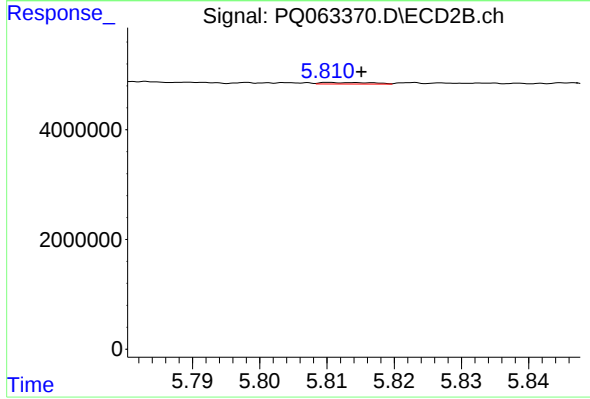
#35 AR-1260-5

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 1346671
Conc: 3.08 ng/ml



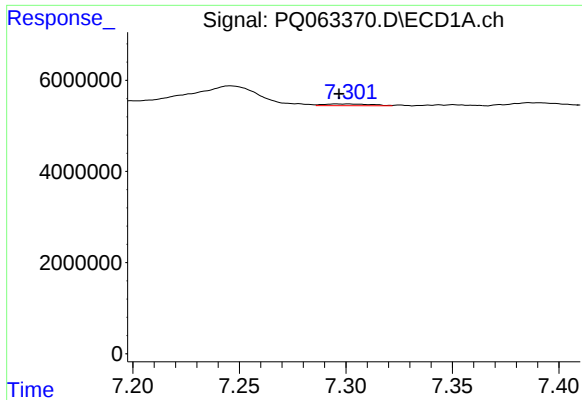
#36 AR-1262-1

R.T.: 6.773 min
Delta R.T.: 0.007 min
Response: 271643
Conc: 0.87 ng/ml



#36 AR-1262-1

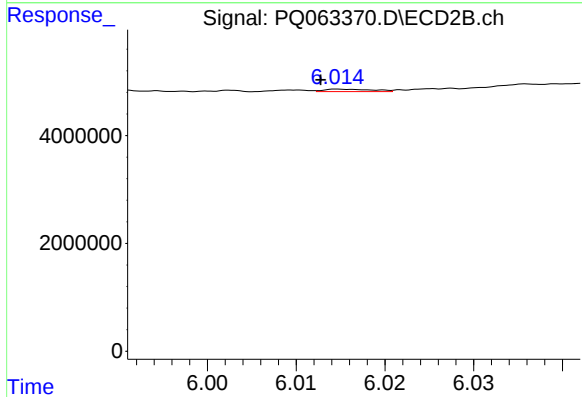
R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 145444
Conc: 1.38 ng/ml



#37 AR-1262-2

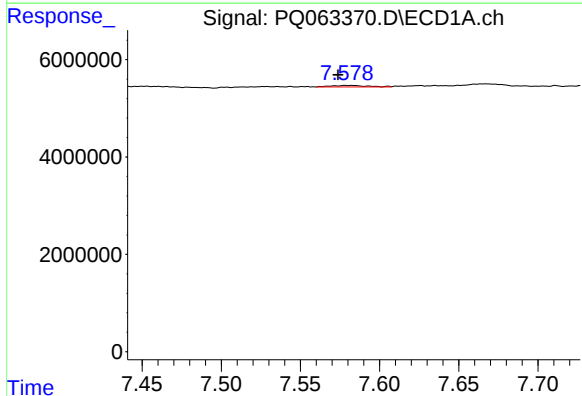
R.T.: 7.301 min
Delta R.T.: 0.005 min
Response: 619108
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



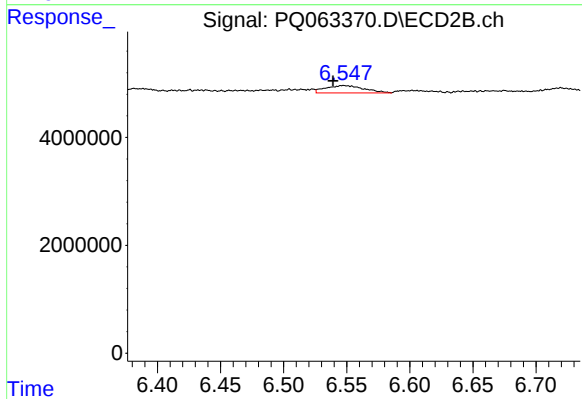
#37 AR-1262-2

R.T.: 6.015 min
Delta R.T.: 0.003 min
Response: 174477
Conc: 0.75 ng/ml



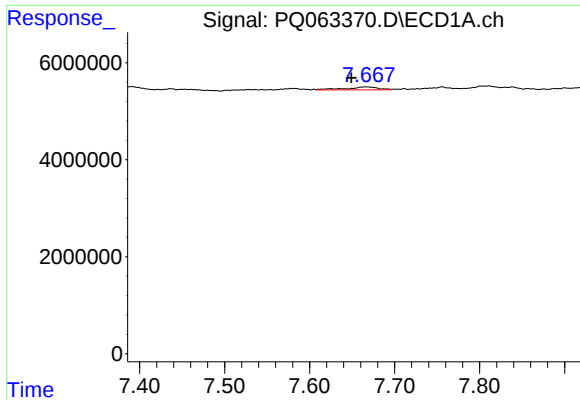
#38 AR-1262-3

R.T.: 7.583 min
Delta R.T.: 0.009 min
Response: 481929
Conc: 1.39 ng/ml



#38 AR-1262-3

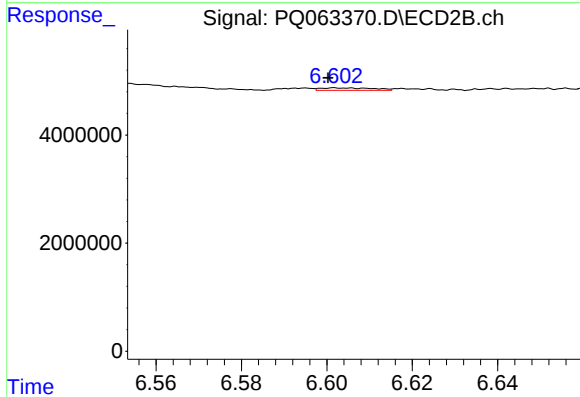
R.T.: 6.548 min
Delta R.T.: 0.009 min
Response: 2872954
Conc: 14.96 ng/ml



#39 AR-1262-4

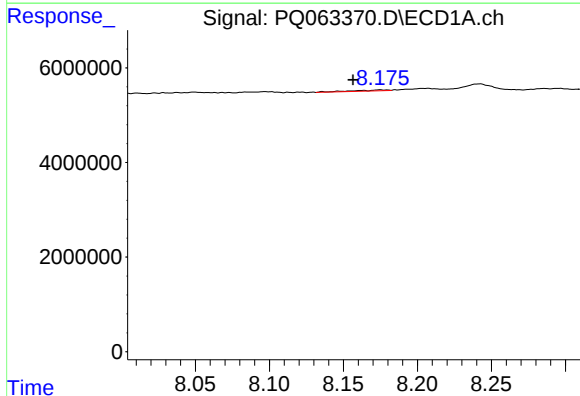
R.T.: 7.667 min
Delta R.T.: 0.018 min
Response: 1612148
Conc: 5.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



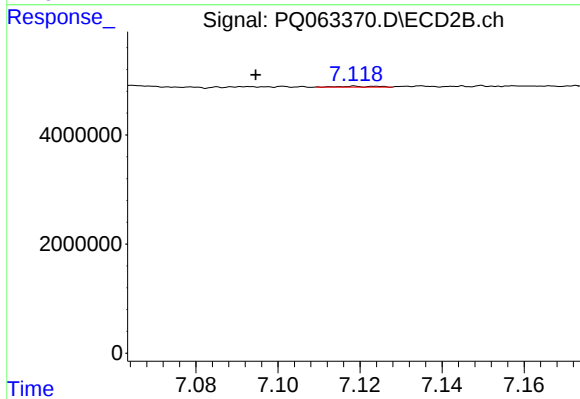
#39 AR-1262-4

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 389046
Conc: 1.11 ng/ml



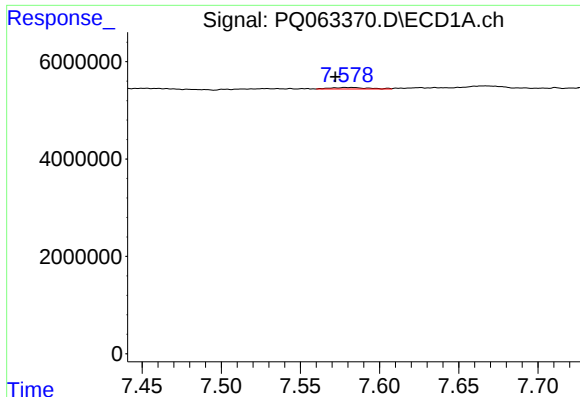
#40 AR-1262-5

R.T.: 8.175 min
Delta R.T.: 0.018 min
Response: 371516
Conc: 2.17 ng/ml



#40 AR-1262-5

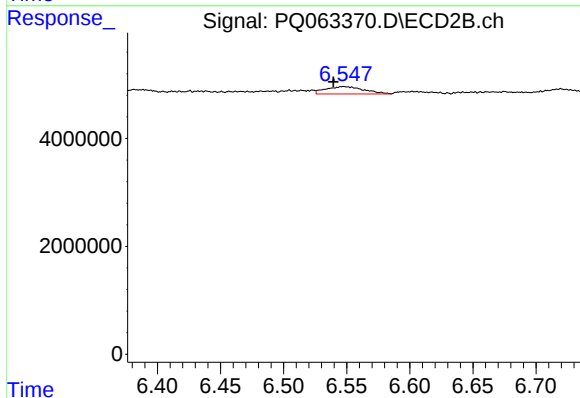
R.T.: 7.119 min
Delta R.T.: 0.024 min
Response: 104139
Conc: 0.63 ng/ml



#41 AR-1268-1

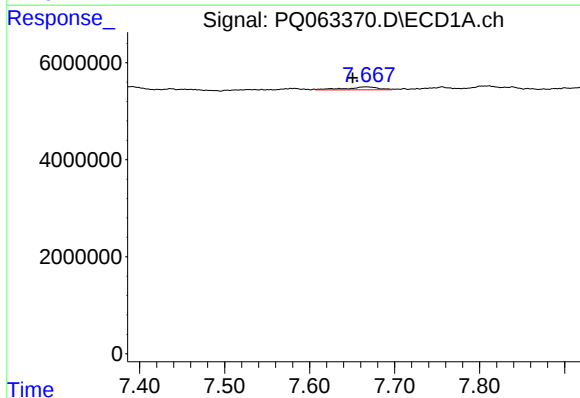
R.T.: 7.583 min
Delta R.T.: 0.011 min
Response: 481929
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



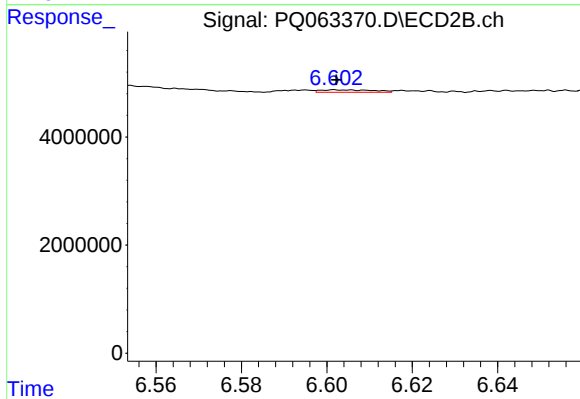
#41 AR-1268-1

R.T.: 6.548 min
Delta R.T.: 0.008 min
Response: 2872954
Conc: 5.12 ng/ml



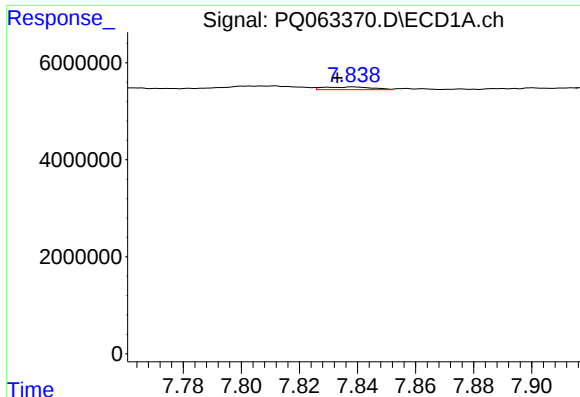
#42 AR-1268-2

R.T.: 7.667 min
Delta R.T.: 0.016 min
Response: 1612148
Conc: 2.82 ng/ml



#42 AR-1268-2

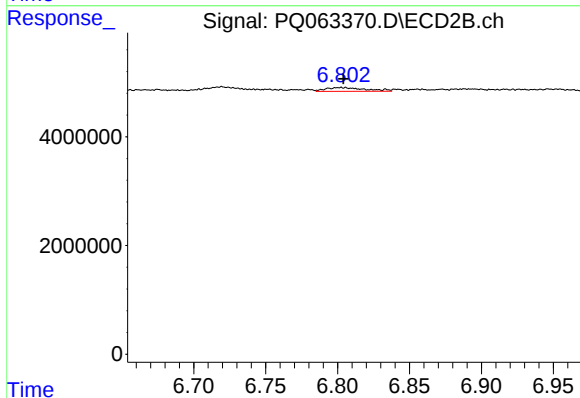
R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 389046
Conc: 0.78 ng/ml



#43 AR-1268-3

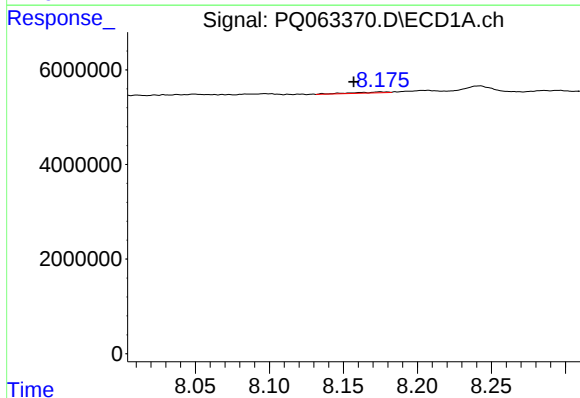
R.T.: 7.839 min
Delta R.T.: 0.005 min
Response: 652047
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



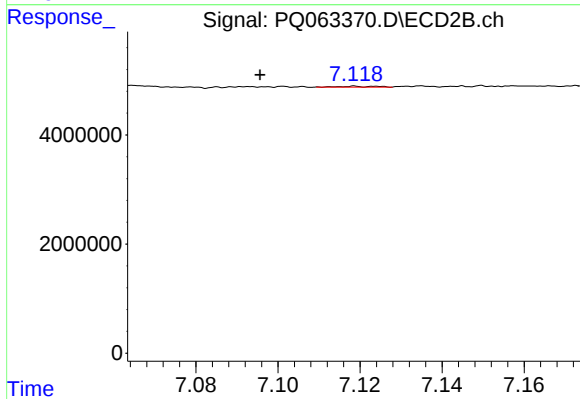
#43 AR-1268-3

R.T.: 6.802 min
Delta R.T.: -0.002 min
Response: 1337758
Conc: 3.14 ng/ml



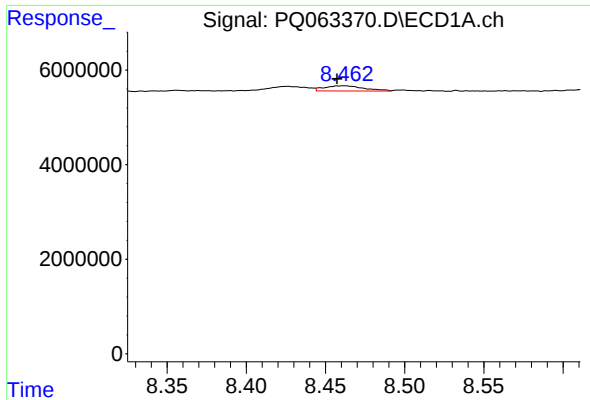
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.018 min
Response: 371516
Conc: 1.93 ng/ml



#44 AR-1268-4

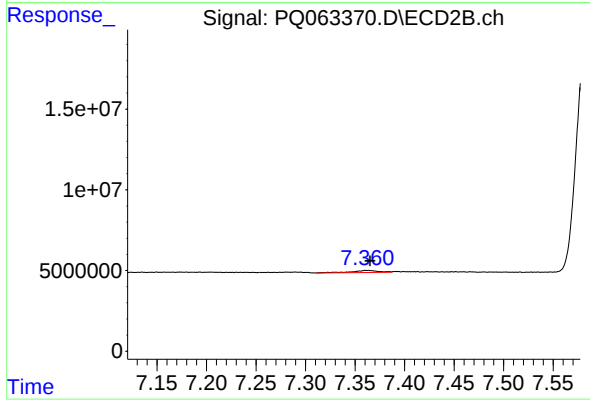
R.T.: 7.119 min
Delta R.T.: 0.023 min
Response: 104139
Conc: 0.56 ng/ml



#45 AR-1268-5

R.T.: 8.462 min
Delta R.T.: 0.005 min
Response: 1917371
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 2447450
Conc: 1.86 ng/ml