

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 18:51
 Operator : YP\AJ
 Sample : 04600-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:37:54 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...	3.464	2.784	51310830	36032059	10.956	10.426
2) SA Decachlor...	8.697	7.582	71411326	53805931	20.435	14.968 #
Target Compounds						
3) L1 AR-1016-1	4.597	3.796	1151990	430722	7.923	3.458 #
4) L1 AR-1016-2	4.597	3.811	1151990	614895	4.931	3.459 #
5) L1 AR-1016-3	4.663	3.976	667010	261216	4.642	2.707 #
6) L1 AR-1016-4	4.753	4.019	4505015	660756	39.494	8.151 #
7) L1 AR-1016-5	5.038	4.221	1176964	113731	10.016	1.130 #
8) L2 AR-1221-1	3.650	2.998	5235256	80726	91.506	1.736 #
9) L2 AR-1221-2	3.744	3.054	2485269	235051	65.739	7.601 #
10) L2 AR-1221-3	3.812	3.135	598139	994505	4.739	9.334 #
11) L3 AR-1232-1	3.812	3.135	598139	994505	5.744	11.438 #
12) L3 AR-1232-2	4.334	3.811	14133982	614895	222.206	7.604 #
13) L3 AR-1232-3	4.597	3.976	1151990	261216	10.993	6.158 #
14) L3 AR-1232-4	4.753	4.060	4505015	157776	90.655	4.303 #
15) L3 AR-1232-5	4.852	4.221	1419283	113731	37.368	2.636 #
16) L4 AR-1242-1	4.597	3.796	1151990	430722	8.736	3.947 #
17) L4 AR-1242-2	4.597	3.811	1151990	614895	5.567	3.956 #
18) L4 AR-1242-3	4.663	3.976	667010	261216	5.261	3.114 #
19) L4 AR-1242-4	4.753	4.060	4505015	157776	43.678	1.969 #
20) L4 AR-1242-5	5.470	4.547	553563	1690672	5.062	16.155 #
21) L5 AR-1248-1	4.597	3.796	1151990	430722	11.723	5.368 #
22) L5 AR-1248-2	4.852	4.019	1419283	660756	9.924	5.519 #
23) L5 AR-1248-3	5.038	4.060	1176964	157776	6.842	1.376 #
24) L5 AR-1248-4	5.435	4.221	2904580	113731	15.192	0.807 #
25) L5 AR-1248-5	5.470	4.593	553563	691664	2.976	5.005 #
26) L6 AR-1254-1	5.435f	4.547	2904580	1690672	14.443	8.018 #
27) L6 AR-1254-2	5.627	4.700	701718	478710	2.301	2.586
28) L6 AR-1254-3	5.984	5.088	887051	357447	2.704	1.249 #
29) L6 AR-1254-4	6.269	5.314	943232	786402	3.894	4.248
30) L6 AR-1254-5	6.683	5.720	2646379	1321500	10.305	5.115 #
31) L7 AR-1260-1	6.156	5.217	3007266	698648	12.502	3.460 #
32) L7 AR-1260-2	6.409	5.405	1277229	567119	4.508	2.318 #
33) L7 AR-1260-3	6.766	5.557	888452	1749596	4.371	7.399 #
34) L7 AR-1260-4	6.984	6.038	2117316	8902983	8.882	46.631 #
35) L7 AR-1260-5	7.326f	6.257	10978046	891077	24.521	2.035 #
36) L8 AR-1262-1	6.766	5.816	888452	523117	2.854	4.972 #
37) L8 AR-1262-2	7.326f	5.988	10978046	66034	21.145	0.284 #
38) L8 AR-1262-3	7.576	6.548	1705041	33160152	4.925	172.640 #
39) L8 AR-1262-4	7.671	6.587	19290111	2499559	70.857	7.148 #
41) L9 AR-1268-1	7.576	6.548	1705041	33160152	2.760	59.141 #
42) L9 AR-1268-2	7.671	6.587	19290111	2499559	33.692	5.025 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:37:54 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

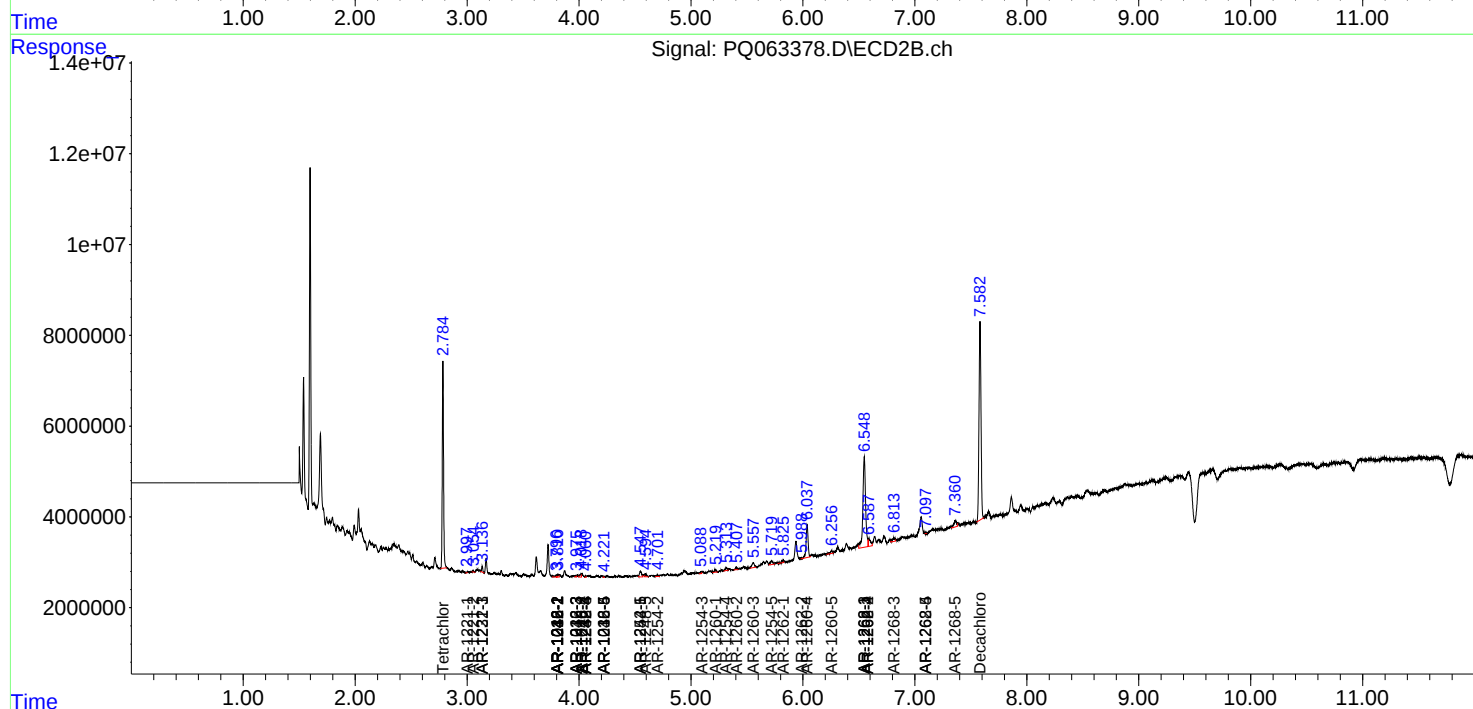
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

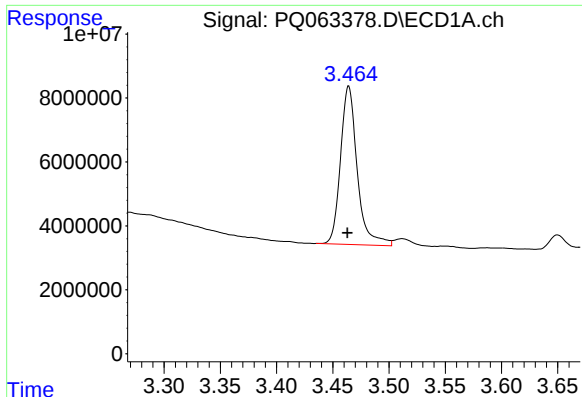
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	7.850	6.814	5215512	1228200	10.695	2.881 #
45) L9	AR-1268-5	8.423f	7.361	11673003	2396025	8.173	1.822 #

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

Instrument :
ECD_Q
ClientSampleId :

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

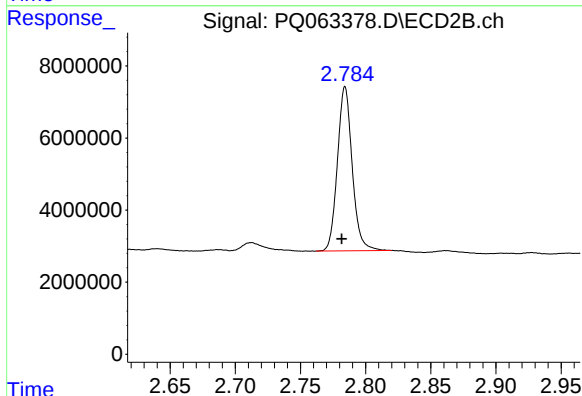




#1 Tetrachloro-m-xylene

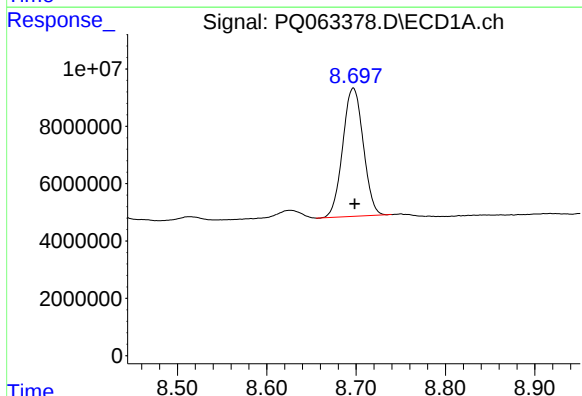
R.T.: 3.464 min
Delta R.T.: 0.001 min
Response: 51310830
Conc: 10.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



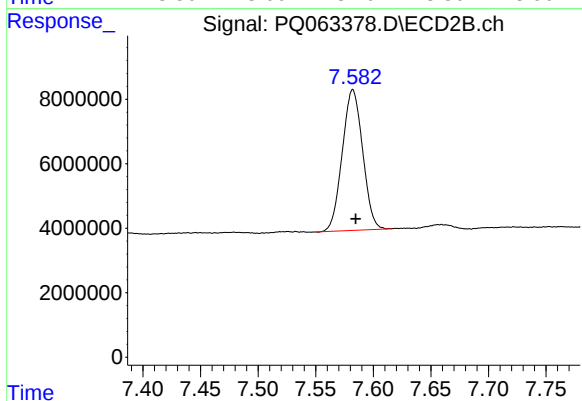
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.003 min
Response: 36032059
Conc: 10.43 ng/ml



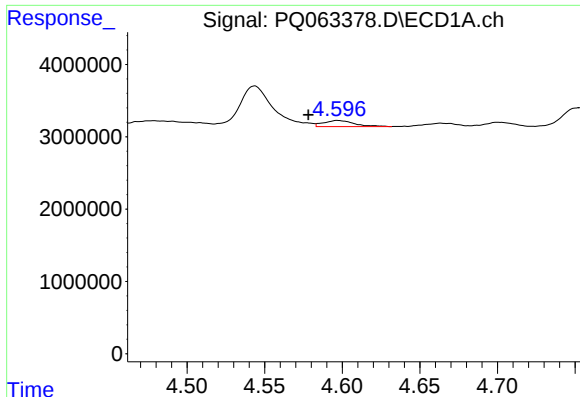
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.002 min
Response: 71411326
Conc: 20.44 ng/ml



#2 Decachlorobiphenyl

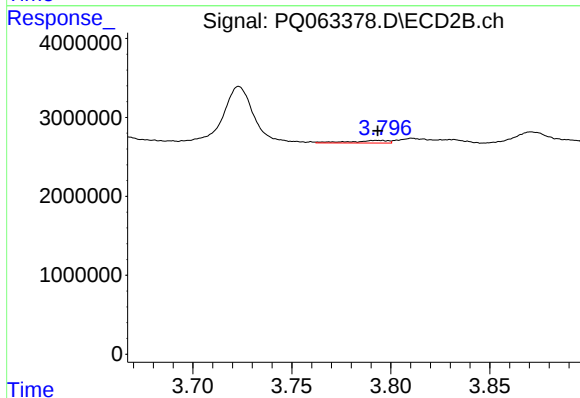
R.T.: 7.582 min
Delta R.T.: -0.002 min
Response: 53805931
Conc: 14.97 ng/ml



#3 AR-1016-1

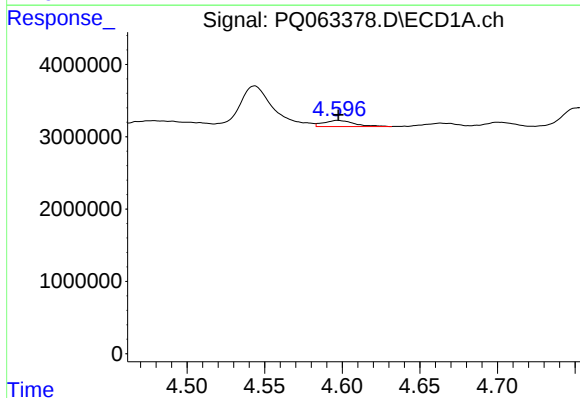
R.T.: 4.597 min
Delta R.T.: 0.019 min
Response: 1151990
Conc: 7.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



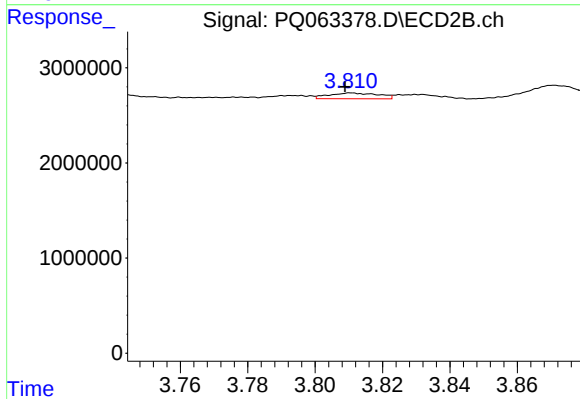
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: 0.002 min
Response: 430722
Conc: 3.46 ng/ml



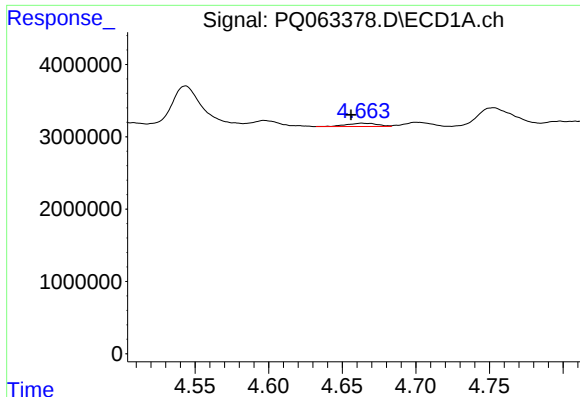
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 1151990
Conc: 4.93 ng/ml



#4 AR-1016-2

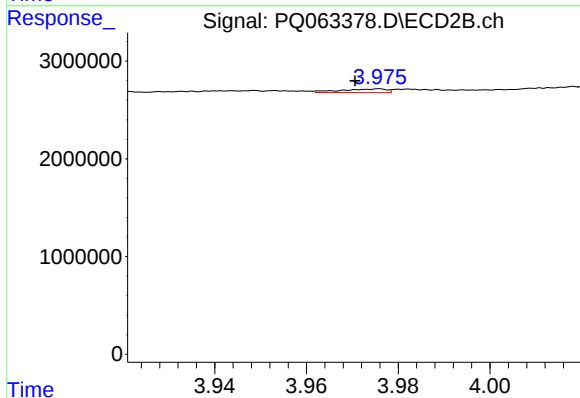
R.T.: 3.811 min
Delta R.T.: 0.002 min
Response: 614895
Conc: 3.46 ng/ml



#5 AR-1016-3

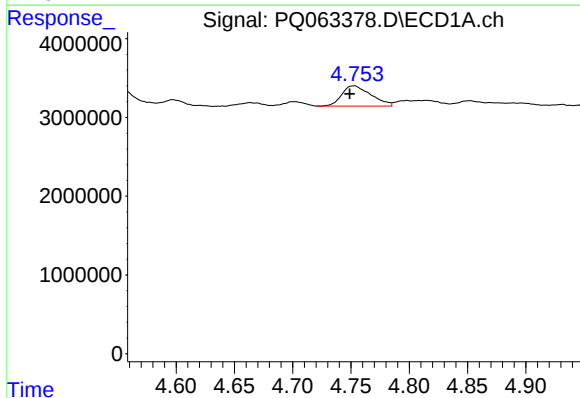
R.T.: 4.663 min
Delta R.T.: 0.007 min
Response: 667010
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



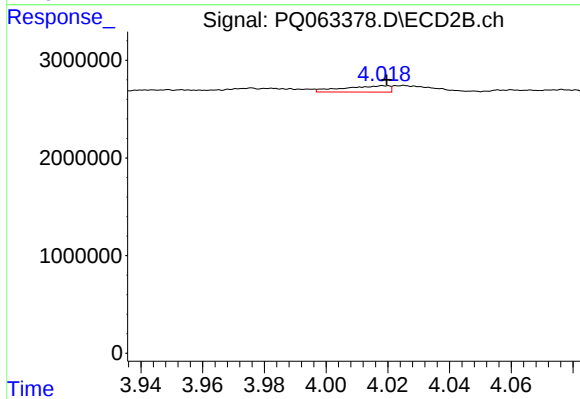
#5 AR-1016-3

R.T.: 3.976 min
Delta R.T.: 0.005 min
Response: 261216
Conc: 2.71 ng/ml



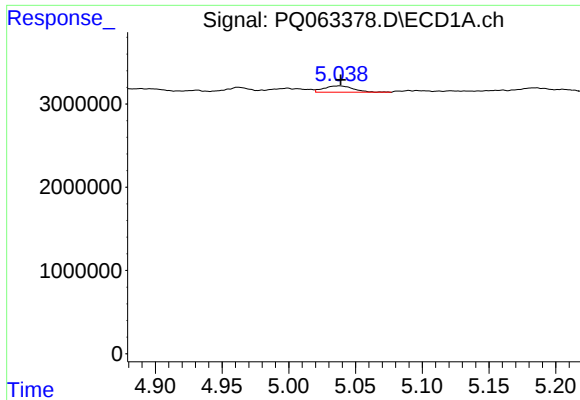
#6 AR-1016-4

R.T.: 4.753 min
Delta R.T.: 0.004 min
Response: 4505015
Conc: 39.49 ng/ml



#6 AR-1016-4

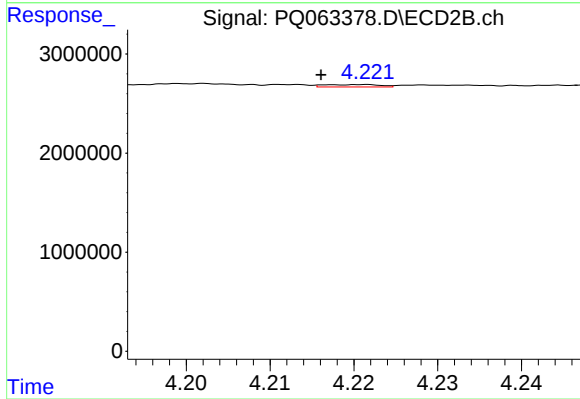
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 660756
Conc: 8.15 ng/ml



#7 AR-1016-5

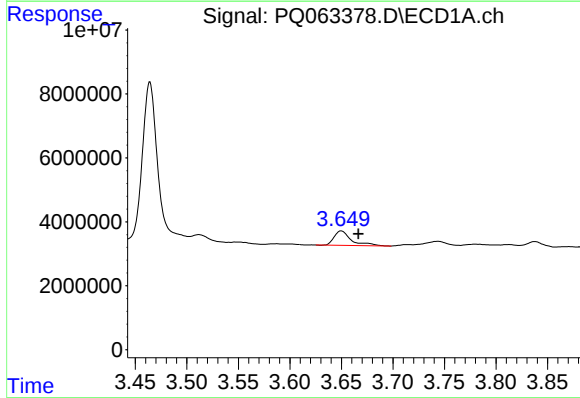
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 1176964
Conc: 10.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



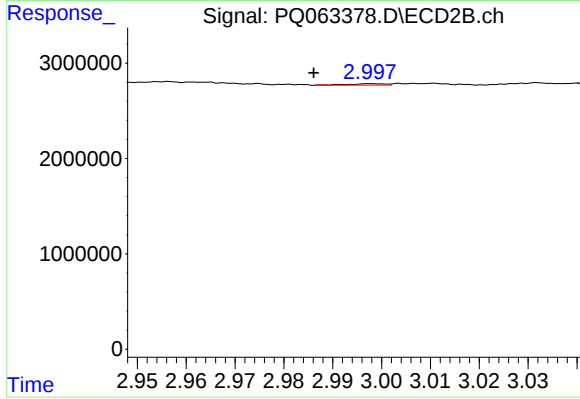
#7 AR-1016-5

R.T.: 4.221 min
Delta R.T.: 0.005 min
Response: 113731
Conc: 1.13 ng/ml



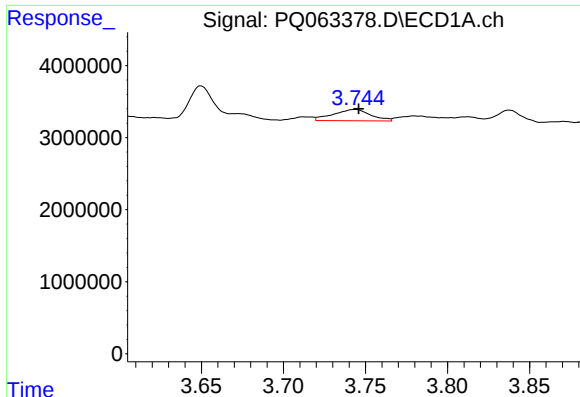
#8 AR-1221-1

R.T.: 3.650 min
Delta R.T.: -0.017 min
Response: 5235256
Conc: 91.51 ng/ml



#8 AR-1221-1

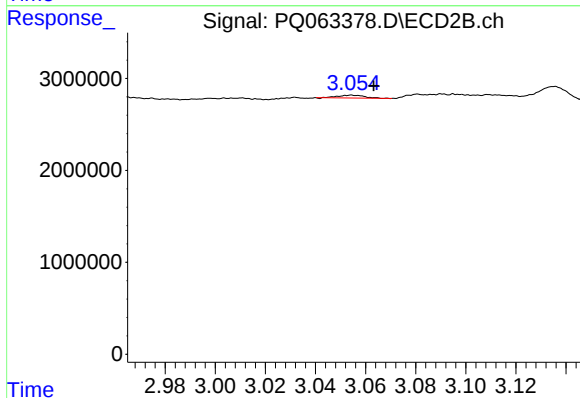
R.T.: 2.998 min
Delta R.T.: 0.012 min
Response: 80726
Conc: 1.74 ng/ml



#9 AR-1221-2

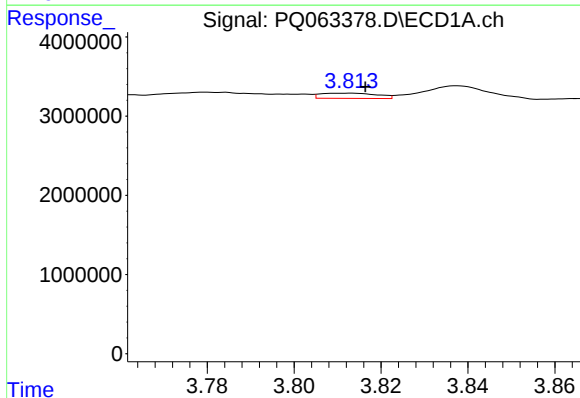
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 2485269
Conc: 65.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



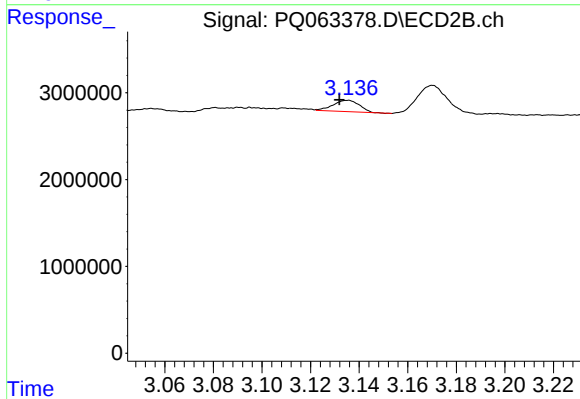
#9 AR-1221-2

R.T.: 3.054 min
Delta R.T.: -0.009 min
Response: 235051
Conc: 7.60 ng/ml



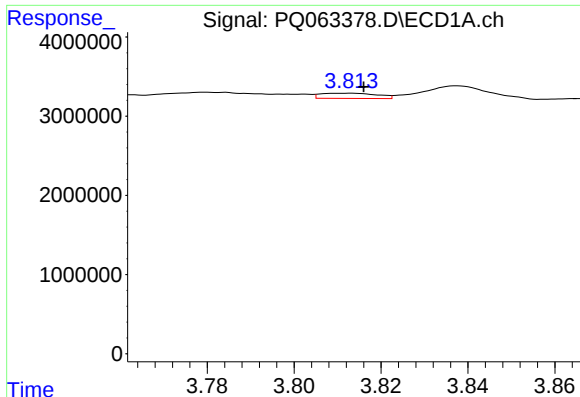
#10 AR-1221-3

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 598139
Conc: 4.74 ng/ml



#10 AR-1221-3

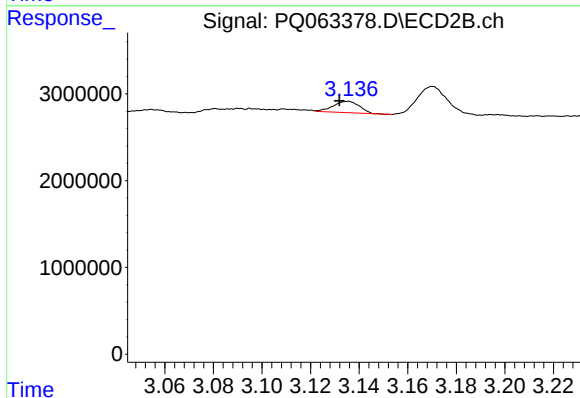
R.T.: 3.135 min
Delta R.T.: 0.004 min
Response: 994505
Conc: 9.33 ng/ml



#11 AR-1232-1

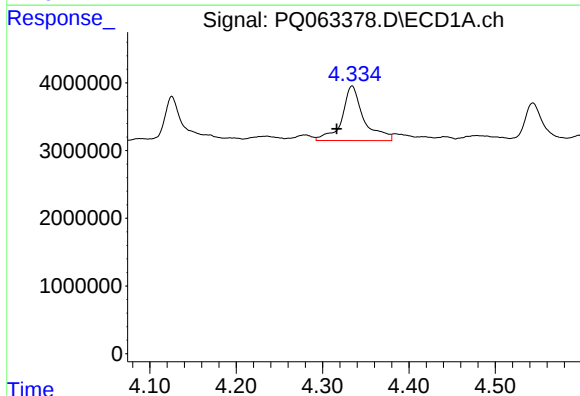
R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 598139
Conc: 5.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



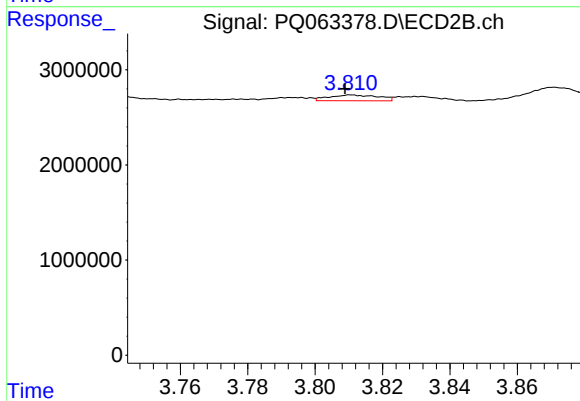
#11 AR-1232-1

R.T.: 3.135 min
Delta R.T.: 0.004 min
Response: 994505
Conc: 11.44 ng/ml



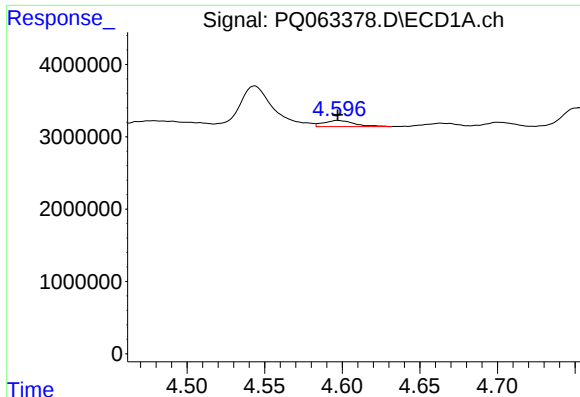
#12 AR-1232-2

R.T.: 4.334 min
Delta R.T.: 0.018 min
Response: 14133982
Conc: 222.21 ng/ml



#12 AR-1232-2

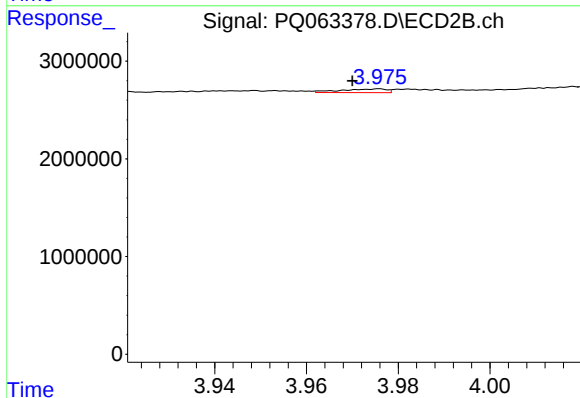
R.T.: 3.811 min
Delta R.T.: 0.002 min
Response: 614895
Conc: 7.60 ng/ml



#13 AR-1232-3

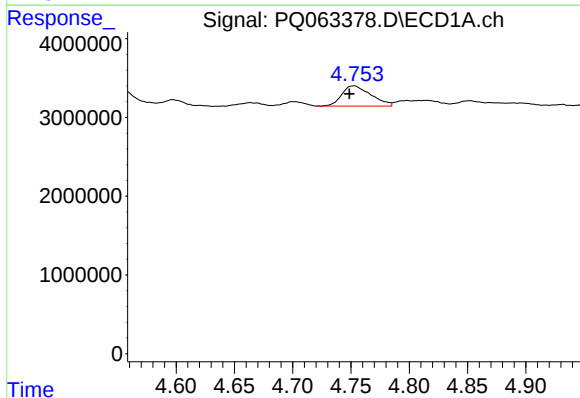
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 1151990
Conc: 10.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



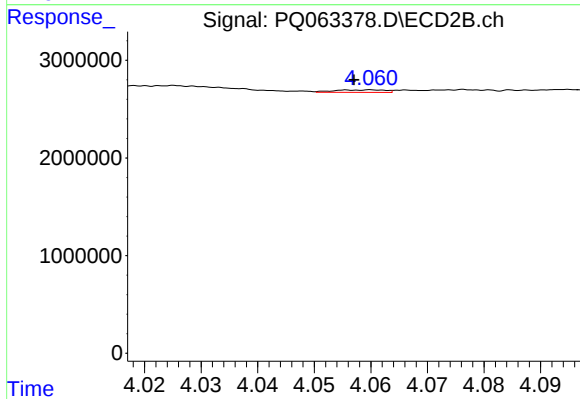
#13 AR-1232-3

R.T.: 3.976 min
Delta R.T.: 0.006 min
Response: 261216
Conc: 6.16 ng/ml



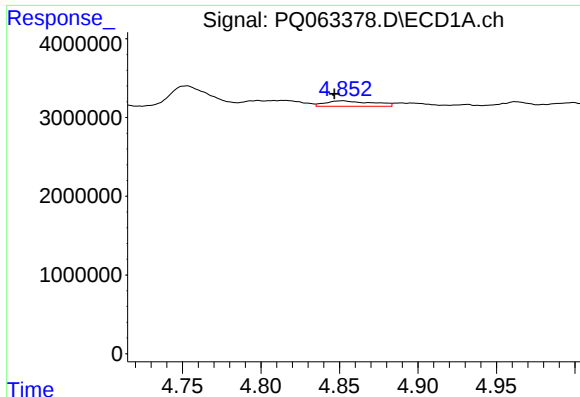
#14 AR-1232-4

R.T.: 4.753 min
Delta R.T.: 0.004 min
Response: 4505015
Conc: 90.65 ng/ml



#14 AR-1232-4

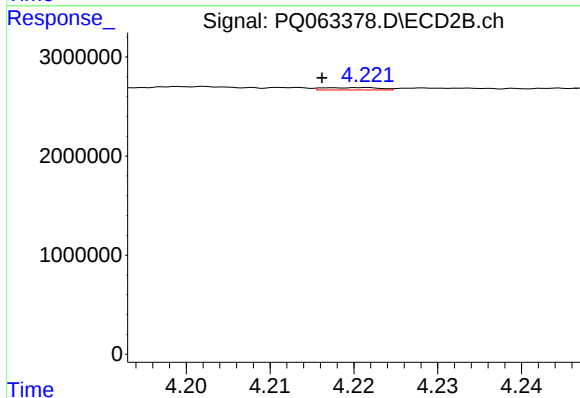
R.T.: 4.060 min
Delta R.T.: 0.003 min
Response: 157776
Conc: 4.30 ng/ml



#15 AR-1232-5

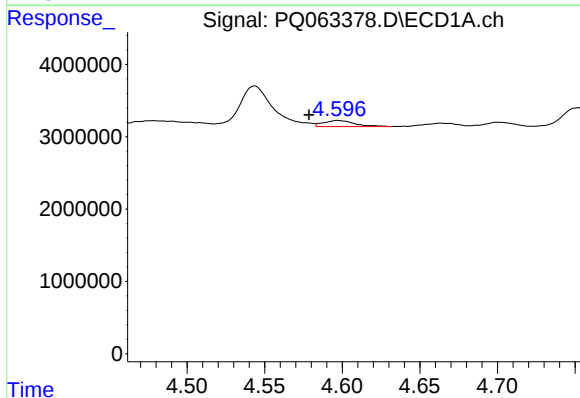
R.T.: 4.852 min
Delta R.T.: 0.005 min
Response: 1419283
Conc: 37.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



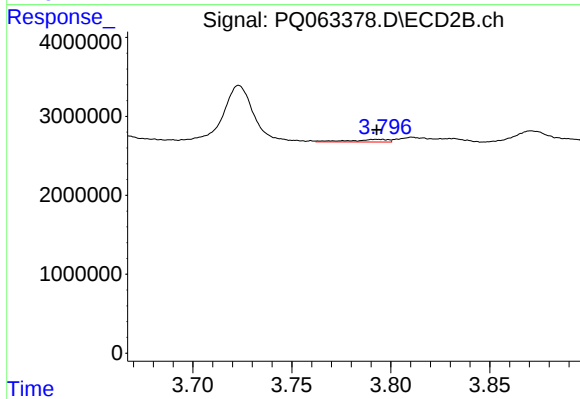
#15 AR-1232-5

R.T.: 4.221 min
Delta R.T.: 0.005 min
Response: 113731
Conc: 2.64 ng/ml



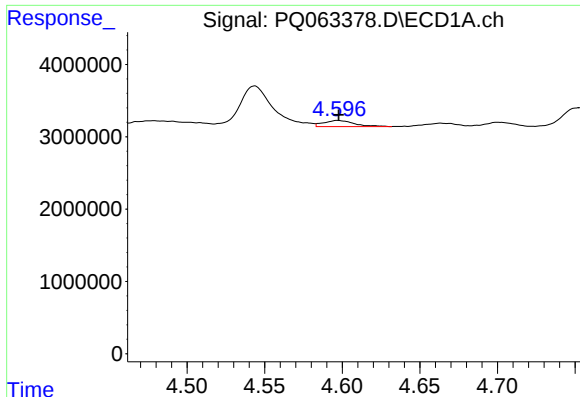
#16 AR-1242-1

R.T.: 4.597 min
Delta R.T.: 0.018 min
Response: 1151990
Conc: 8.74 ng/ml



#16 AR-1242-1

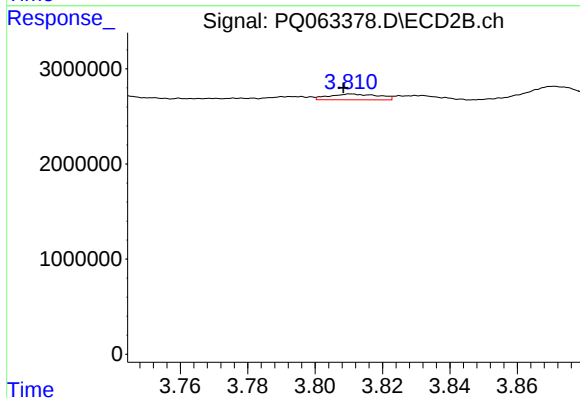
R.T.: 3.796 min
Delta R.T.: 0.003 min
Response: 430722
Conc: 3.95 ng/ml



#17 AR-1242-2

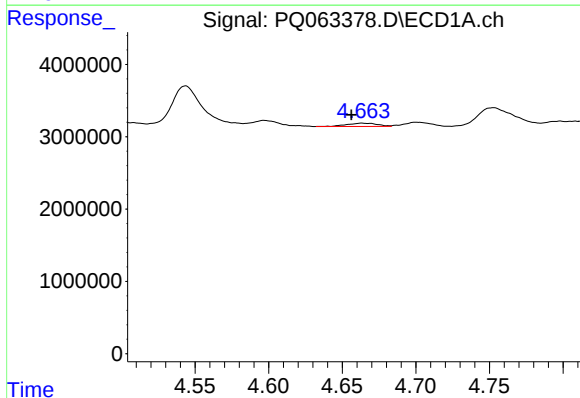
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 1151990
Conc: 5.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



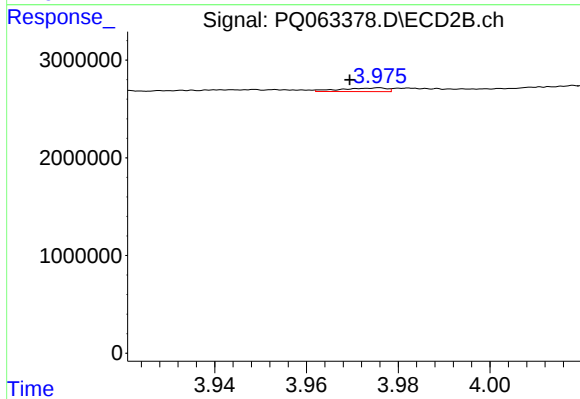
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: 0.002 min
Response: 614895
Conc: 3.96 ng/ml



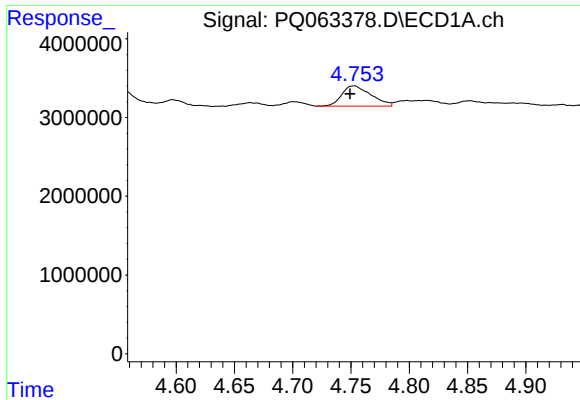
#18 AR-1242-3

R.T.: 4.663 min
Delta R.T.: 0.007 min
Response: 667010
Conc: 5.26 ng/ml



#18 AR-1242-3

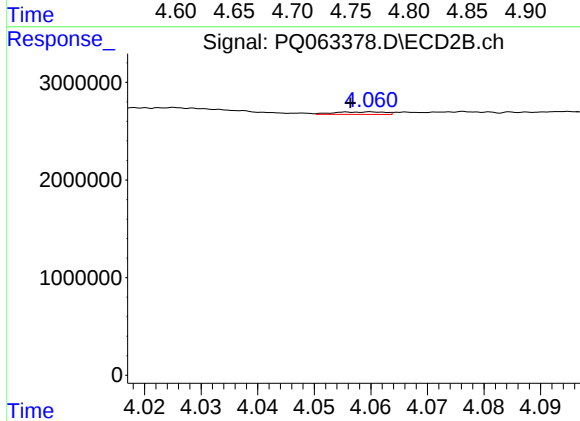
R.T.: 3.976 min
Delta R.T.: 0.006 min
Response: 261216
Conc: 3.11 ng/ml



#19 AR-1242-4

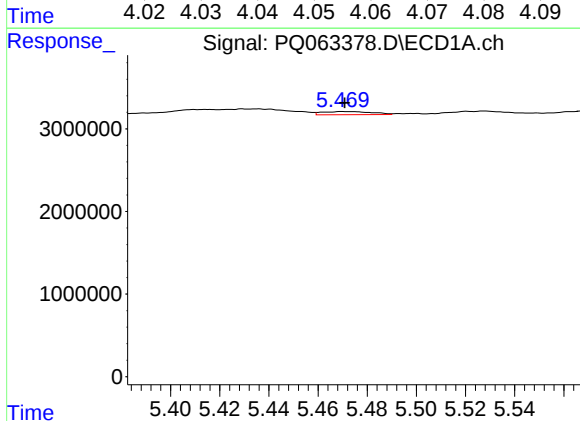
R.T.: 4.753 min
Delta R.T.: 0.003 min
Response: 4505015
Conc: 43.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



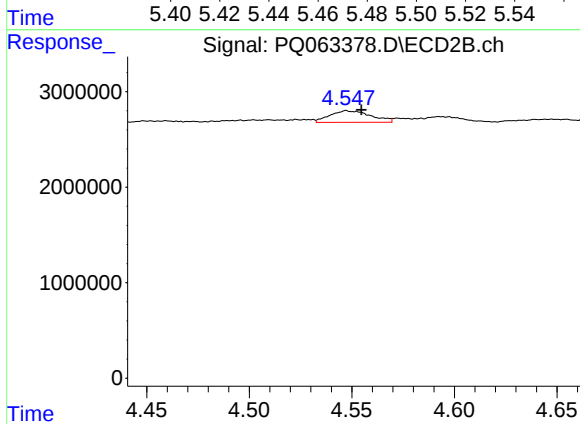
#19 AR-1242-4

R.T.: 4.060 min
Delta R.T.: 0.004 min
Response: 157776
Conc: 1.97 ng/ml



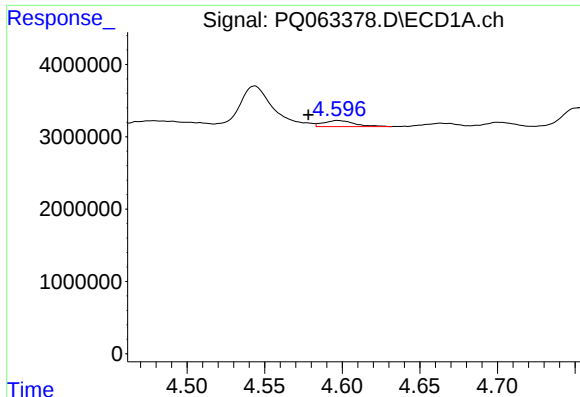
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 553563
Conc: 5.06 ng/ml



#20 AR-1242-5

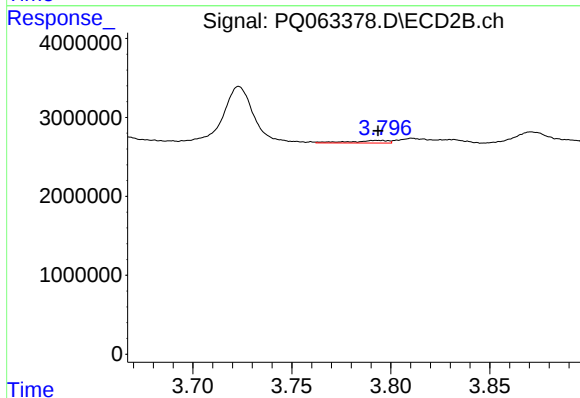
R.T.: 4.547 min
Delta R.T.: -0.007 min
Response: 1690672
Conc: 16.16 ng/ml



#21 AR-1248-1

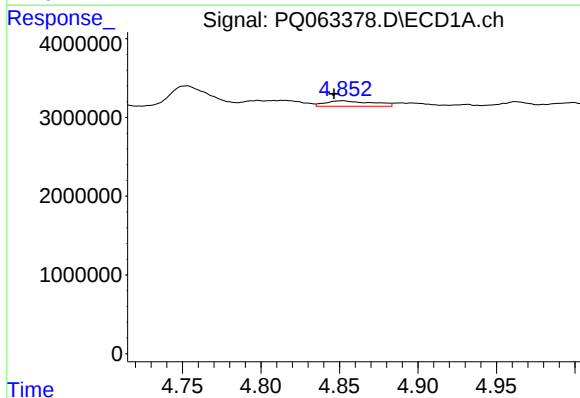
R.T.: 4.597 min
Delta R.T.: 0.019 min
Response: 1151990
Conc: 11.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



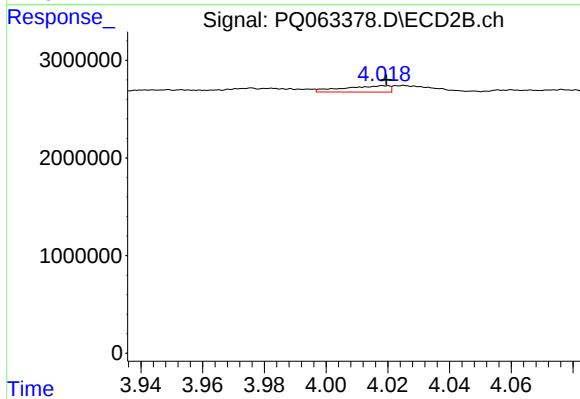
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: 0.002 min
Response: 430722
Conc: 5.37 ng/ml



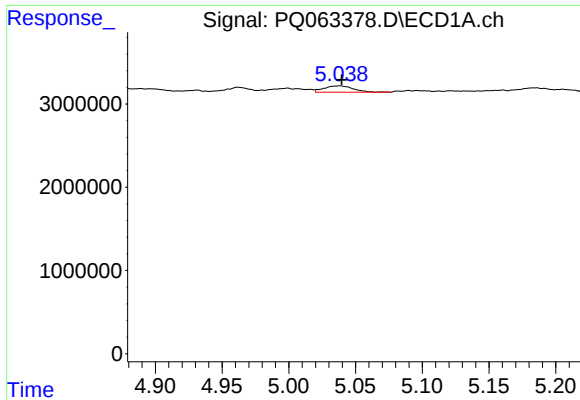
#22 AR-1248-2

R.T.: 4.852 min
Delta R.T.: 0.006 min
Response: 1419283
Conc: 9.92 ng/ml



#22 AR-1248-2

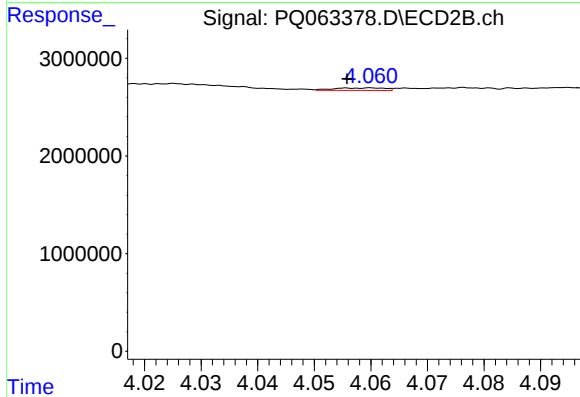
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 660756
Conc: 5.52 ng/ml



#23 AR-1248-3

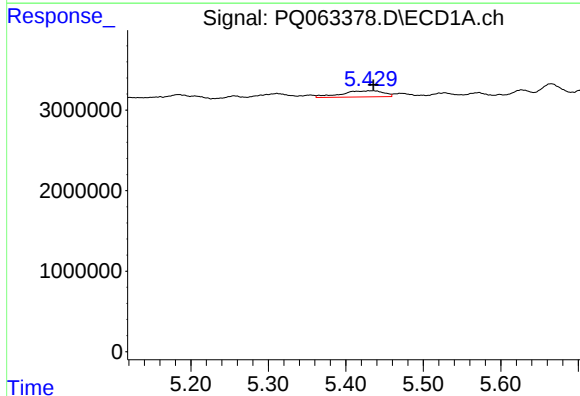
R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 1176964
Conc: 6.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



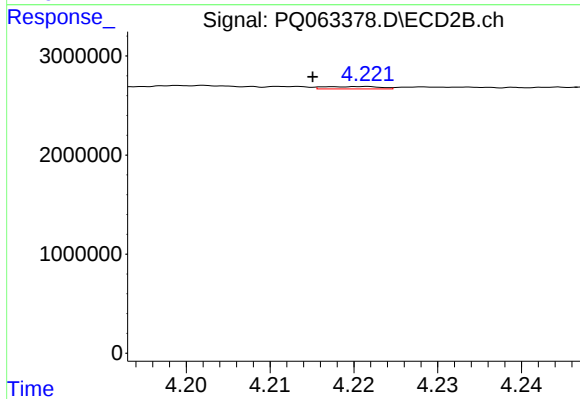
#23 AR-1248-3

R.T.: 4.060 min
Delta R.T.: 0.004 min
Response: 157776
Conc: 1.38 ng/ml



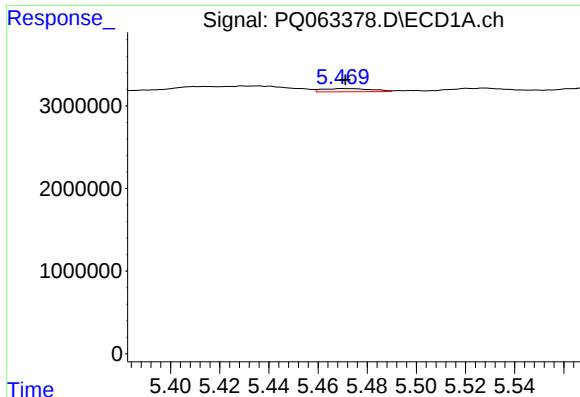
#24 AR-1248-4

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 2904580
Conc: 15.19 ng/ml



#24 AR-1248-4

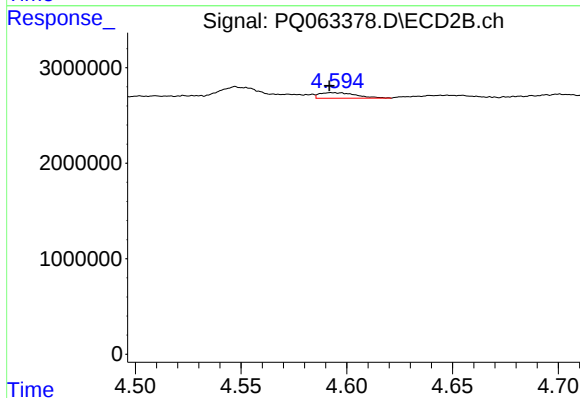
R.T.: 4.221 min
Delta R.T.: 0.006 min
Response: 113731
Conc: 0.81 ng/ml



#25 AR-1248-5

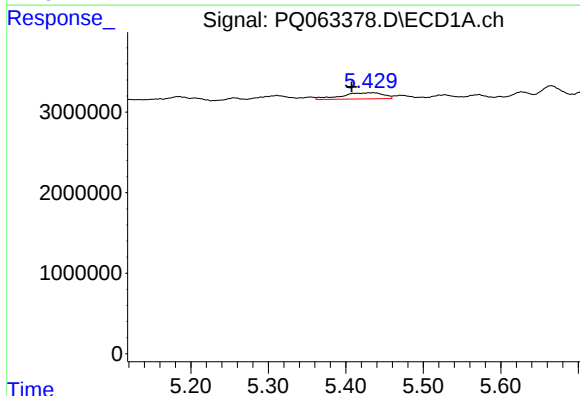
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 553563
Conc: 2.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



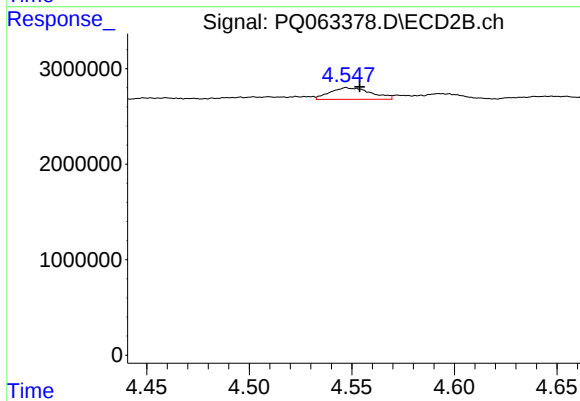
#25 AR-1248-5

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 691664
Conc: 5.01 ng/ml



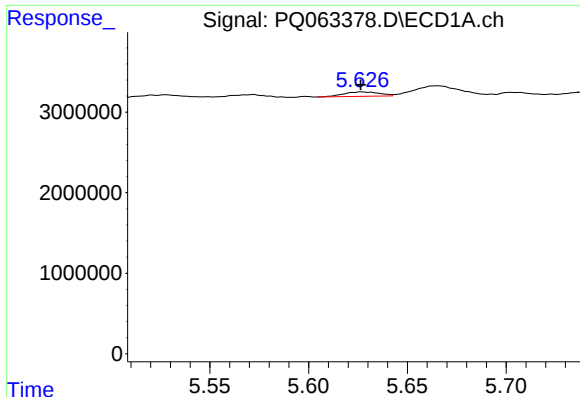
#26 AR-1254-1

R.T.: 5.435 min
Delta R.T.: 0.027 min
Response: 2904580
Conc: 14.44 ng/ml



#26 AR-1254-1

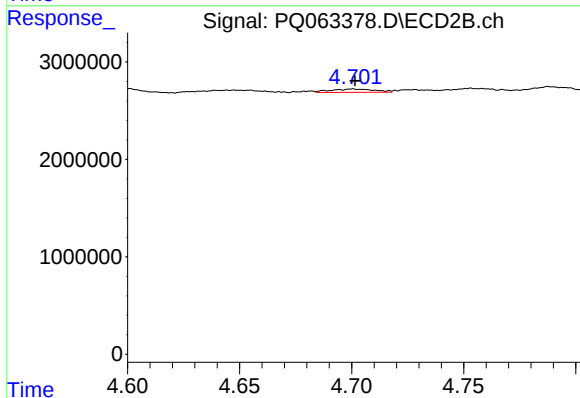
R.T.: 4.547 min
Delta R.T.: -0.007 min
Response: 1690672
Conc: 8.02 ng/ml



#27 AR-1254-2

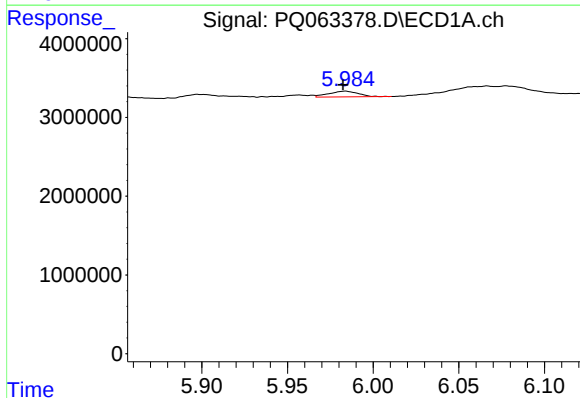
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 701718
Conc: 2.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



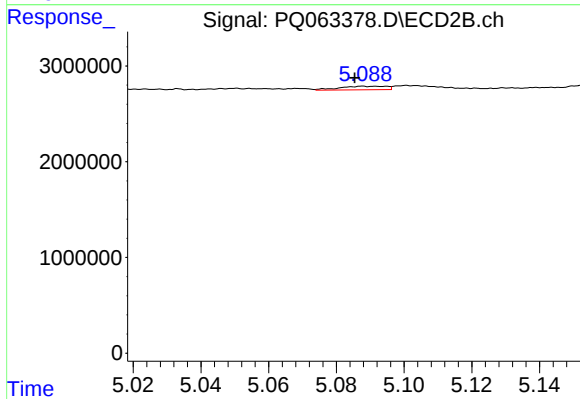
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: -0.001 min
Response: 478710
Conc: 2.59 ng/ml



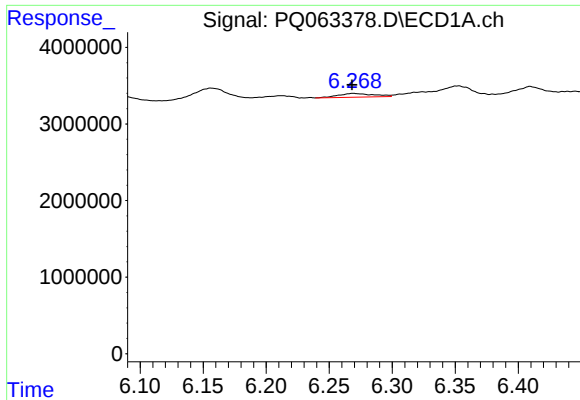
#28 AR-1254-3

R.T.: 5.984 min
Delta R.T.: 0.001 min
Response: 887051
Conc: 2.70 ng/ml



#28 AR-1254-3

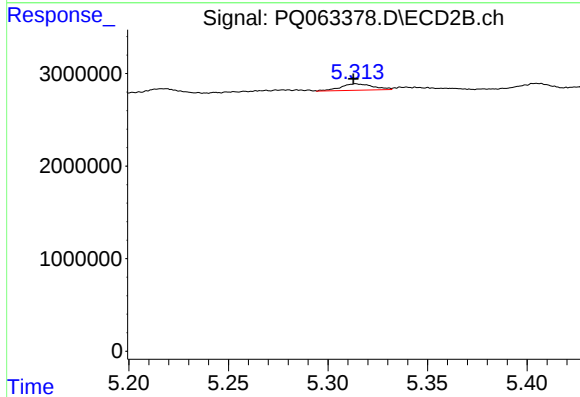
R.T.: 5.088 min
Delta R.T.: 0.002 min
Response: 357447
Conc: 1.25 ng/ml



#29 AR-1254-4

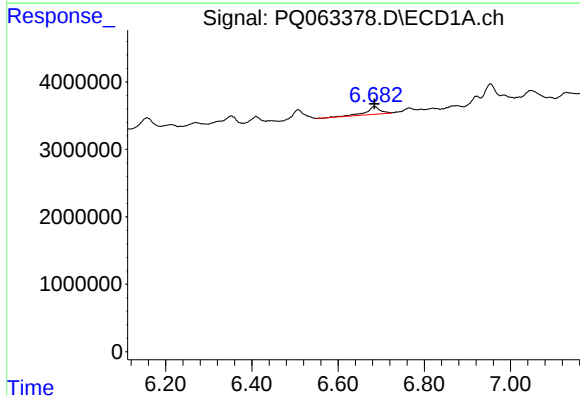
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 943232
Conc: 3.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



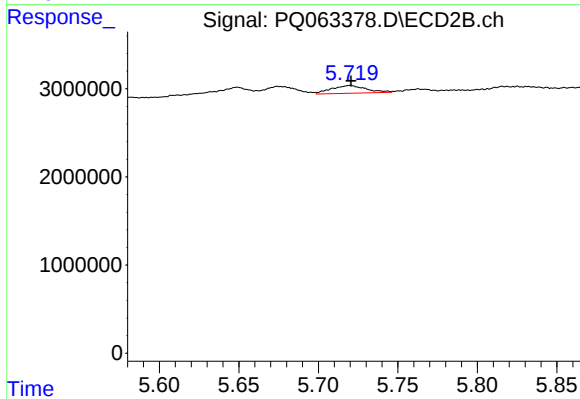
#29 AR-1254-4

R.T.: 5.314 min
Delta R.T.: 0.001 min
Response: 786402
Conc: 4.25 ng/ml



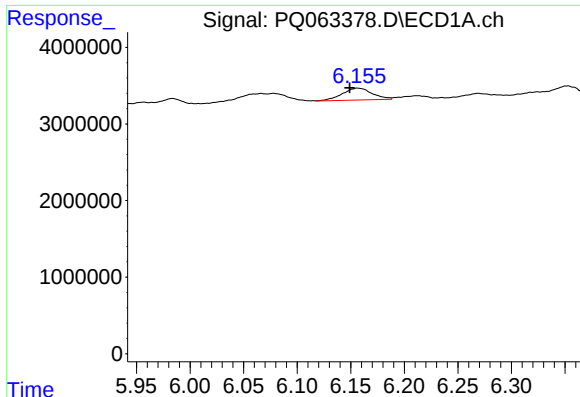
#30 AR-1254-5

R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 2646379
Conc: 10.30 ng/ml



#30 AR-1254-5

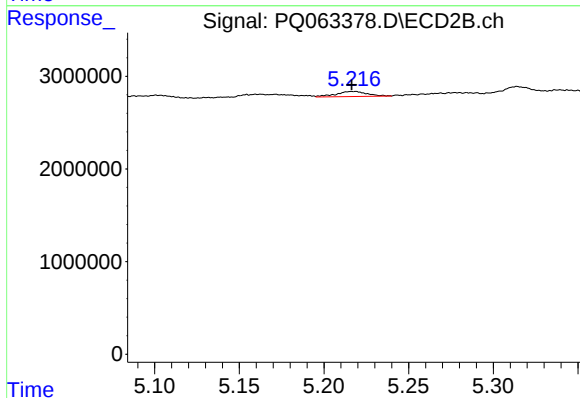
R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 1321500
Conc: 5.11 ng/ml



#31 AR-1260-1

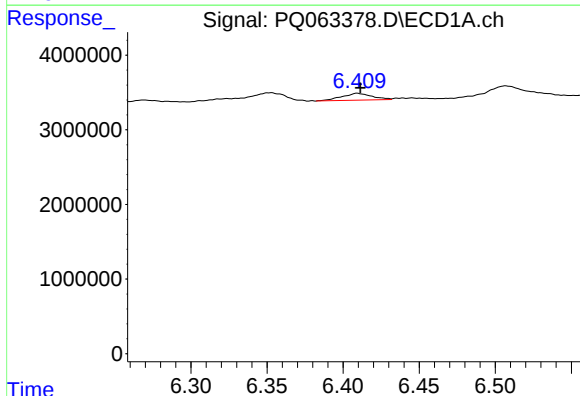
R.T.: 6.156 min
Delta R.T.: 0.007 min
Response: 3007266
Conc: 12.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



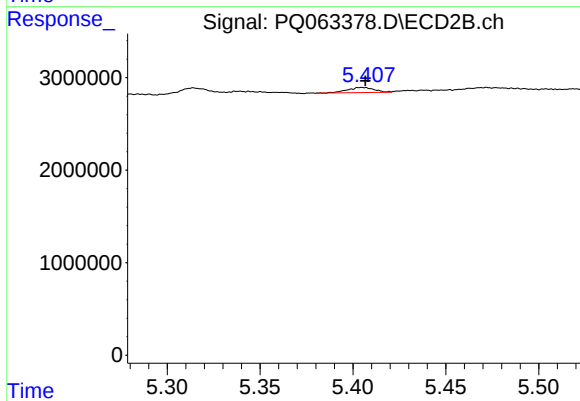
#31 AR-1260-1

R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 698648
Conc: 3.46 ng/ml



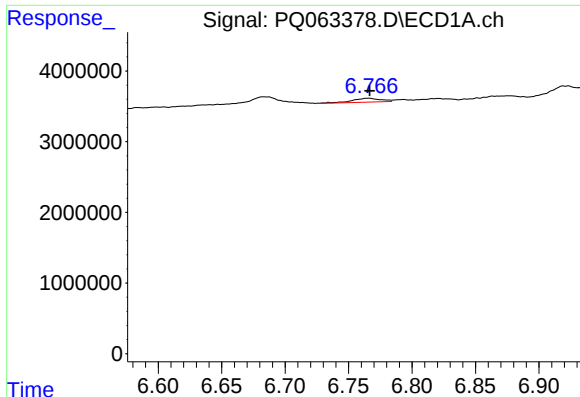
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: -0.002 min
Response: 1277229
Conc: 4.51 ng/ml



#32 AR-1260-2

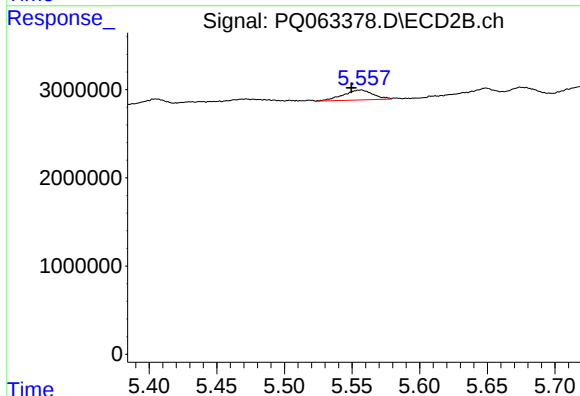
R.T.: 5.405 min
Delta R.T.: -0.002 min
Response: 567119
Conc: 2.32 ng/ml



#33 AR-1260-3

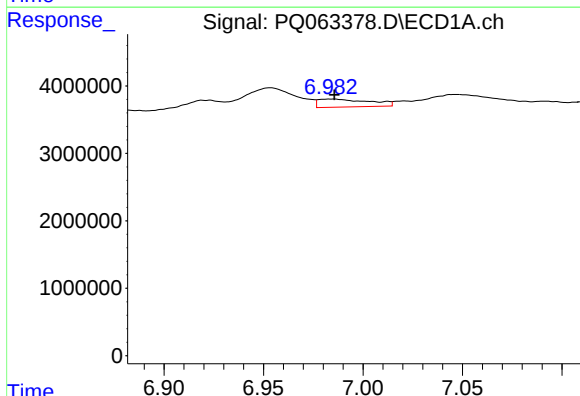
R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 888452
Conc: 4.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



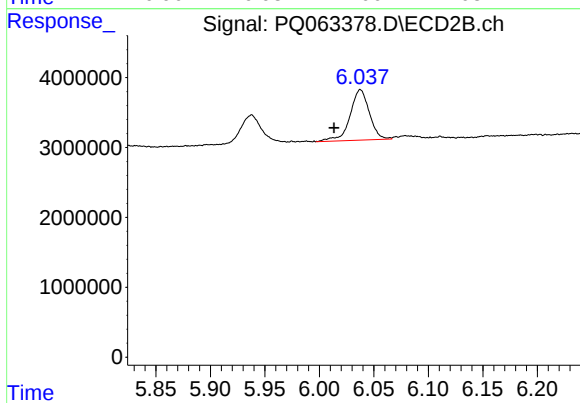
#33 AR-1260-3

R.T.: 5.557 min
Delta R.T.: 0.008 min
Response: 1749596
Conc: 7.40 ng/ml



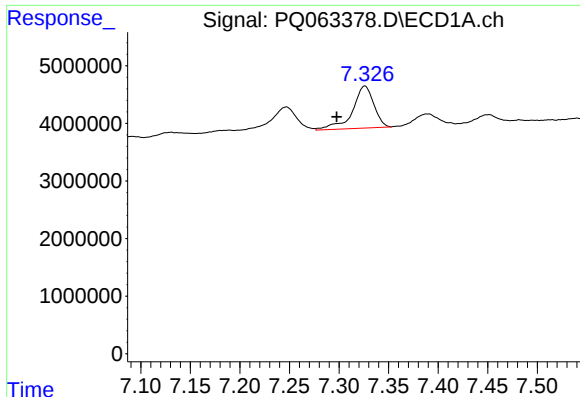
#34 AR-1260-4

R.T.: 6.984 min
Delta R.T.: -0.001 min
Response: 2117316
Conc: 8.88 ng/ml



#34 AR-1260-4

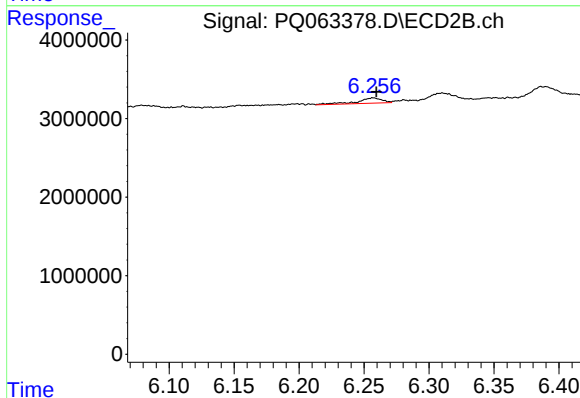
R.T.: 6.038 min
Delta R.T.: 0.024 min
Response: 8902983
Conc: 46.63 ng/ml



#35 AR-1260-5

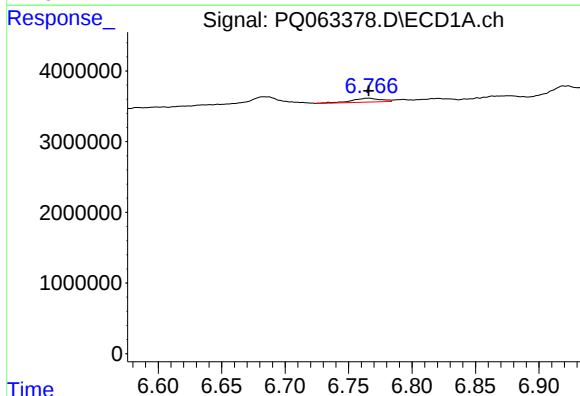
R.T.: 7.326 min
Delta R.T.: 0.029 min
Response: 10978046
Conc: 24.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



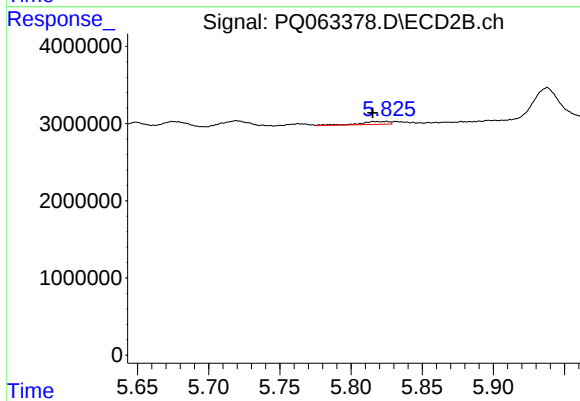
#35 AR-1260-5

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 891077
Conc: 2.03 ng/ml



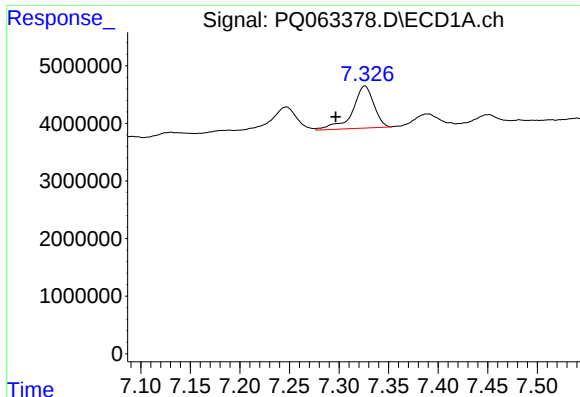
#36 AR-1262-1

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 888452
Conc: 2.85 ng/ml



#36 AR-1262-1

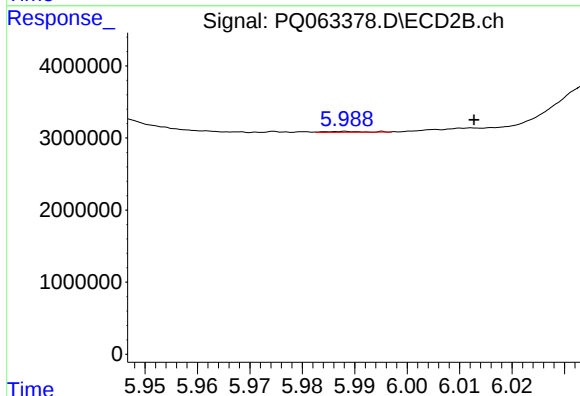
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 523117
Conc: 4.97 ng/ml



#37 AR-1262-2

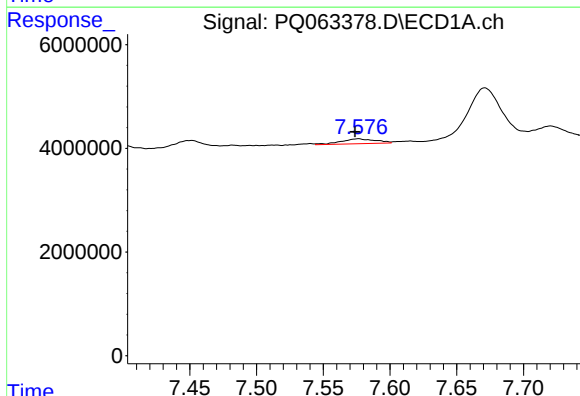
R.T.: 7.326 min
Delta R.T.: 0.029 min
Response: 10978046
Conc: 21.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



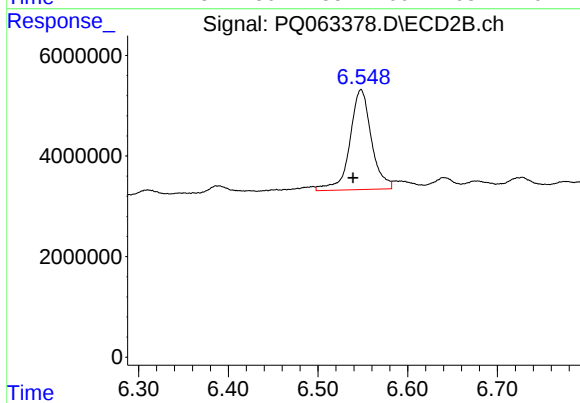
#37 AR-1262-2

R.T.: 5.988 min
Delta R.T.: -0.024 min
Response: 66034
Conc: 0.28 ng/ml



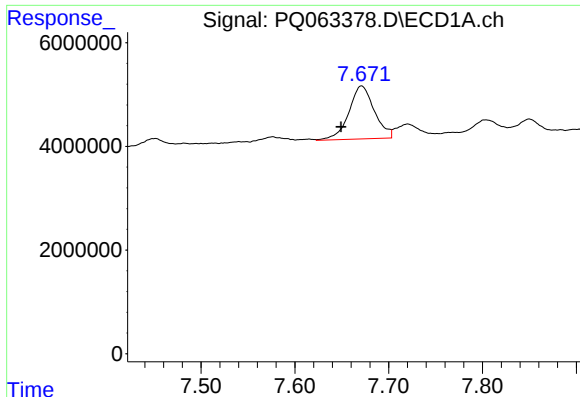
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 1705041
Conc: 4.93 ng/ml



#38 AR-1262-3

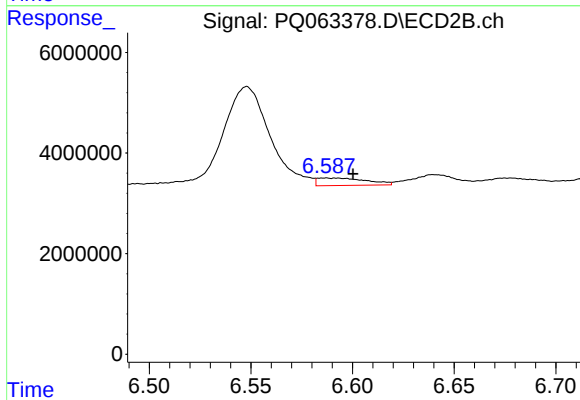
R.T.: 6.548 min
Delta R.T.: 0.009 min
Response: 33160152
Conc: 172.64 ng/ml



#39 AR-1262-4

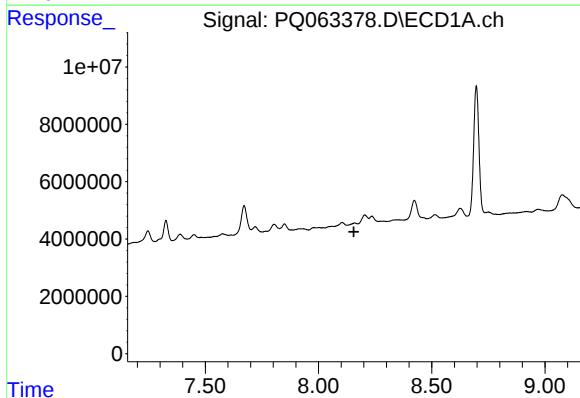
R.T.: 7.671 min
Delta R.T.: 0.022 min
Response: 19290111
Conc: 70.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



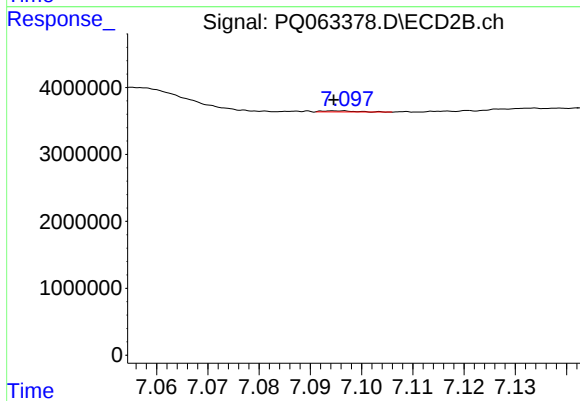
#39 AR-1262-4

R.T.: 6.587 min
Delta R.T.: -0.013 min
Response: 2499559
Conc: 7.15 ng/ml



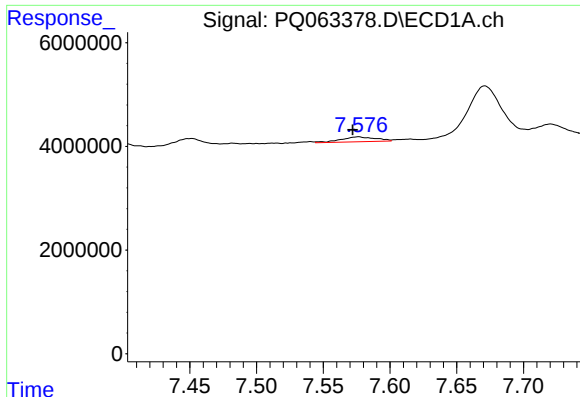
#40 AR-1262-5

R.T.: 8.160 min
Delta R.T.: 0.003 min
Response: -448239
Conc: N.D.



#40 AR-1262-5

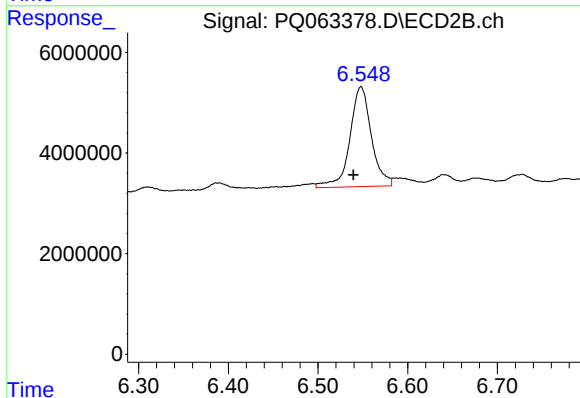
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 75987
Conc: 0.46 ng/ml



#41 AR-1268-1

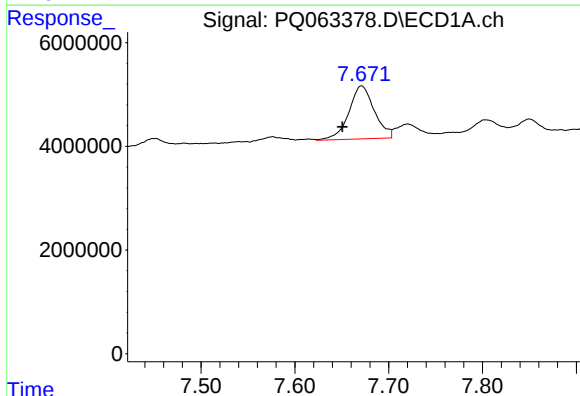
R.T.: 7.576 min
Delta R.T.: 0.004 min
Response: 1705041
Conc: 2.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



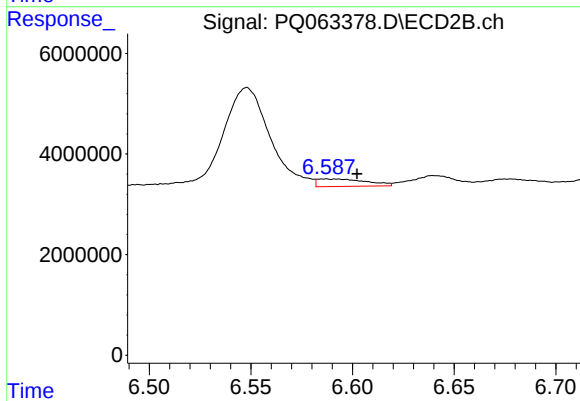
#41 AR-1268-1

R.T.: 6.548 min
Delta R.T.: 0.009 min
Response: 33160152
Conc: 59.14 ng/ml



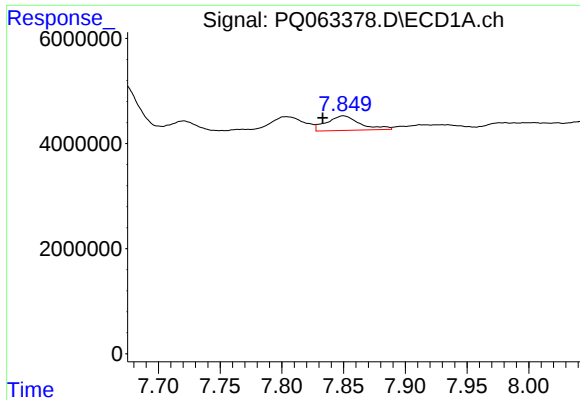
#42 AR-1268-2

R.T.: 7.671 min
Delta R.T.: 0.020 min
Response: 19290111
Conc: 33.69 ng/ml



#42 AR-1268-2

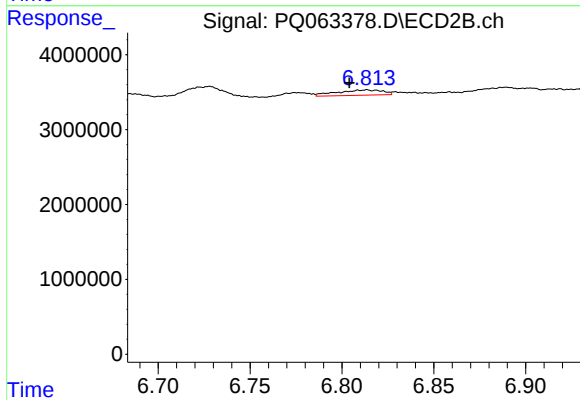
R.T.: 6.587 min
Delta R.T.: -0.015 min
Response: 2499559
Conc: 5.03 ng/ml



#43 AR-1268-3

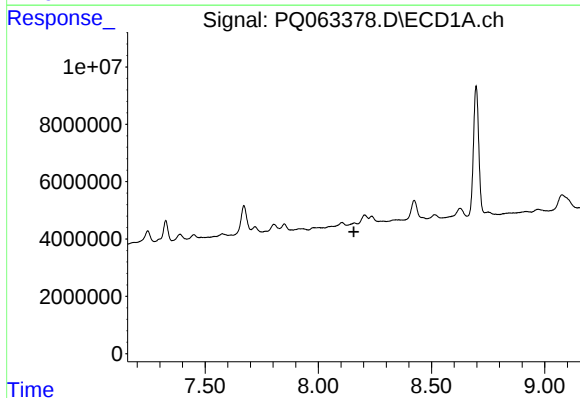
R.T.: 7.850 min
Delta R.T.: 0.017 min
Response: 5215512
Conc: 10.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



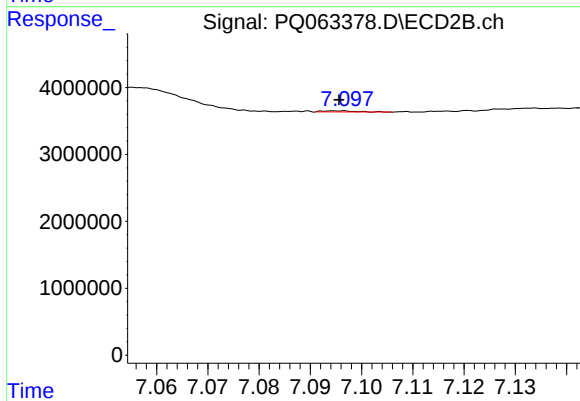
#43 AR-1268-3

R.T.: 6.814 min
Delta R.T.: 0.010 min
Response: 1228200
Conc: 2.88 ng/ml



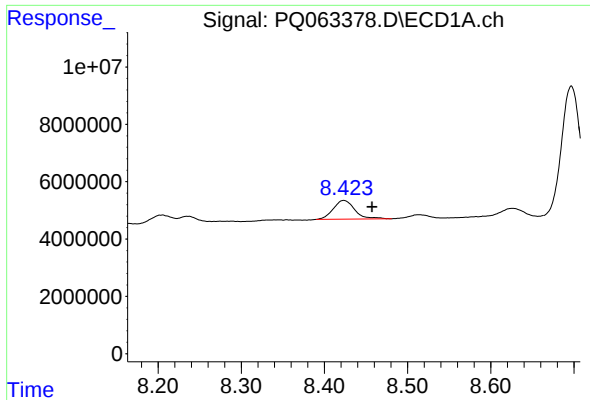
#44 AR-1268-4

R.T.: 8.160 min
Delta R.T.: 0.003 min
Response: -448239
Conc: N.D.



#44 AR-1268-4

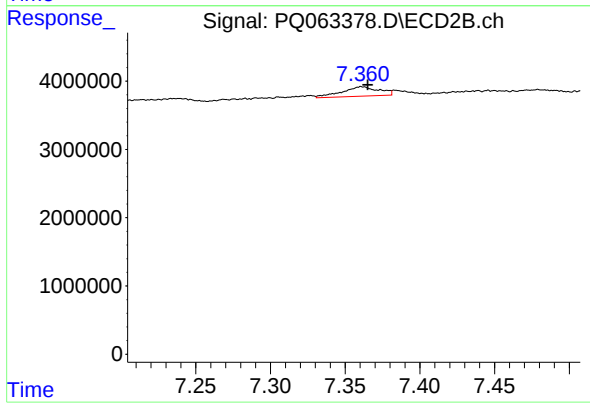
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 75987
Conc: 0.41 ng/ml



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: -0.034 min
Response: 11673003
Conc: 8.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.361 min
Delta R.T.: -0.004 min
Response: 2396025
Conc: 1.82 ng/ml