

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
 Data File : PQ063499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 19:01
 Operator : YP\AJ
 Sample : 04654-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 22:41:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 26 06:41:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.463	2.781	99748233	82434348	19.012	20.398
2)	SA Decachlor...	8.696	7.582	85985625	84747416	23.272	22.921
Target Compounds							
3)	L1 AR-1016-1	4.580	3.809	1209439	1091770	7.322	8.213
4)	L1 AR-1016-2	4.597	3.809	1942064	1091770	7.708	5.691 #
5)	L1 AR-1016-3	4.652	4.023f	2601461	557433	16.603	5.310 #
6)	L1 AR-1016-4	4.749	4.023	1824174	557433	14.232	6.301 #
8)	L2 AR-1221-1	3.649	3.052f	2774023	1332642	44.250	27.523 #
9)	L2 AR-1221-2	3.744	3.052	1938005	1332642	46.947	39.989
10)	L2 AR-1221-3	3.801	0.000	544235	0	3.968	N.D. #
11)	L3 AR-1232-1	3.801	0.000	544235	0	4.889	N.D. #
12)	L3 AR-1232-2	4.279f	3.809	709594	1091770	12.007	12.555
13)	L3 AR-1232-3	4.597	4.023f	1942064	557433	17.048	12.144 #
14)	L3 AR-1232-4	4.749	4.023	1824174	557433	31.553	14.252 #
15)	L3 AR-1232-5	4.852	0.000	1512182	0	37.355	N.D. #
16)	L4 AR-1242-1	4.580	3.809	1209439	1091770	8.685	9.692
17)	L4 AR-1242-2	4.597	3.809	1942064	1091770	9.060	6.723 #
18)	L4 AR-1242-3	4.652	4.023f	2601461	557433	19.568	6.359 #
19)	L4 AR-1242-4	4.749	4.023	1824174	557433	16.728	6.802 #
20)	L4 AR-1242-5	5.507f	4.504f	1497729	2269992	12.913	21.307 #
21)	L5 AR-1248-1	4.580	3.809	1209439	1091770	11.332	12.613
22)	L5 AR-1248-2	4.852	4.023	1512182	557433	9.878	4.329 #
23)	L5 AR-1248-3	0.000	4.023	0	557433	N.D.	4.499 #
24)	L5 AR-1248-4	5.420	0.000	2194364	0	10.799	N.D. #
25)	L5 AR-1248-5	5.507f	4.646f	1497729	1701503	7.469	11.210 #
26)	L6 AR-1254-1	5.420	4.504f	2194364	2269992	10.966	10.288
27)	L6 AR-1254-2	5.619	4.646f	1270037	1701503	4.056	8.770 #
28)	L6 AR-1254-3	5.960	5.094	735513	3391951	2.266	11.118 #
29)	L6 AR-1254-4	6.278	5.359f	462804	1187560	1.968	6.092 #
30)	L6 AR-1254-5	6.686	0.000	500274	0	1.934	N.D. #
31)	L7 AR-1260-1	6.148	5.217	526960	1217216	2.130	5.690 #
32)	L7 AR-1260-2	6.405	5.359f	983834	1187560	3.297	4.681 #
33)	L7 AR-1260-3	6.814f	5.490f	336101	702309	1.537	2.901 #
34)	L7 AR-1260-4	6.983	5.972f	734074	600472	2.985	2.963
35)	L7 AR-1260-5	7.333f	6.218f	4300841	892461	9.028	1.924 #
36)	L8 AR-1262-1	6.814f	0.000	336101	0	1.018	N.D. #
37)	L8 AR-1262-2	7.333f	6.218f	4300841	892461	7.891	1.722 #
38)	L8 AR-1262-3	0.000	6.518	0	4453742	N.D.	20.758 #
39)	L8 AR-1262-4	0.000	6.632	0	1622468	N.D.	4.150 #
40)	L8 AR-1262-5	8.148	0.000	454778	0	2.458	N.D. #
41)	L9 AR-1268-1	0.000	6.518	0	4453742	N.D.	7.382 #
42)	L9 AR-1268-2	0.000	6.632	0	1622468	N.D.	2.990 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
Data File : PQ063499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2023 19:01
Operator : YP\AJ
Sample : 04654-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 02 22:41:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 26 06:41:31 2023
Response via : Initial Calibration
Integrator: ChemStation

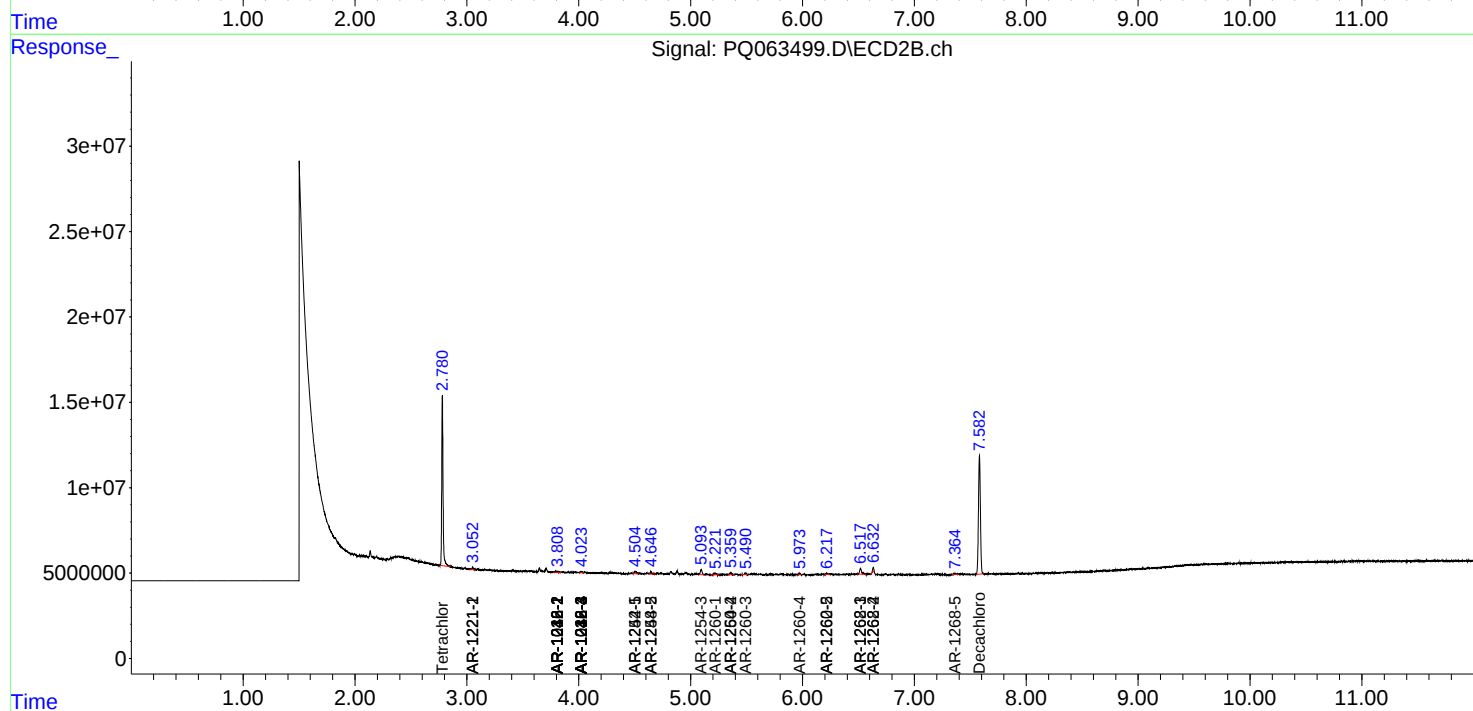
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

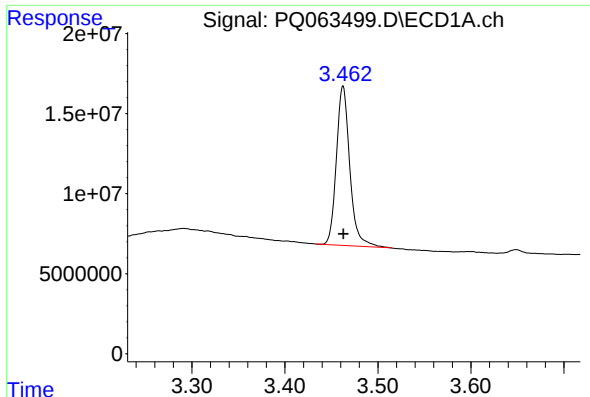
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	8.148	0.000	454778	0	2.244	N.D. #
45)	L9 AR-1268-5	8.453	7.363	1103126	467562	0.769	0.327 #

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

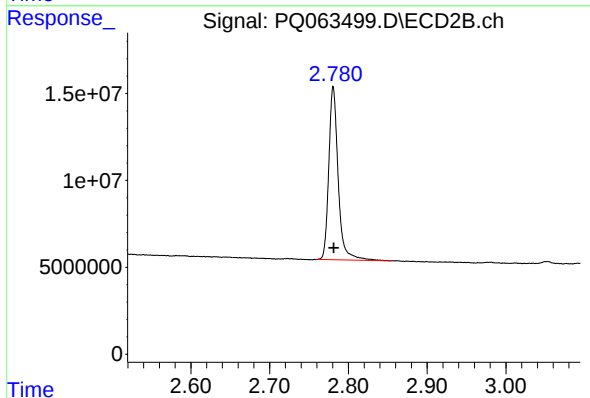




#1 Tetrachloro-m-xylene

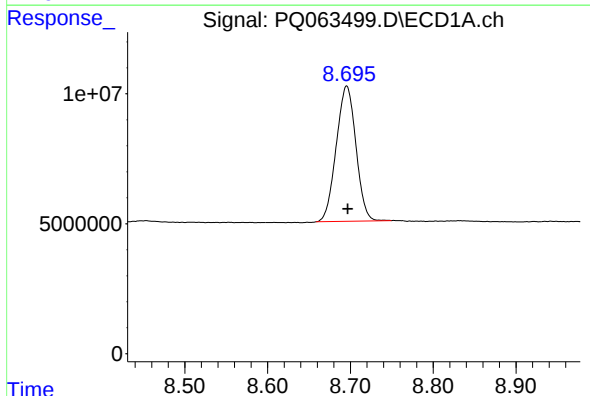
R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 99748233
Conc: 19.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



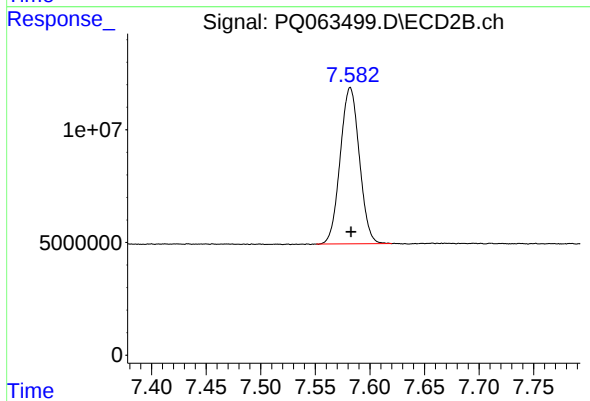
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 82434348
Conc: 20.40 ng/ml



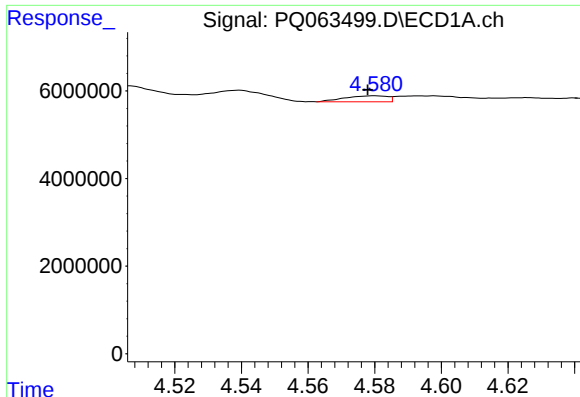
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.001 min
Response: 85985625
Conc: 23.27 ng/ml



#2 Decachlorobiphenyl

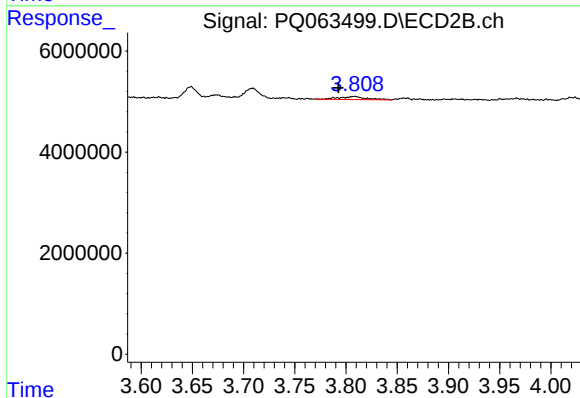
R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 84747416
Conc: 22.92 ng/ml



#3 AR-1016-1

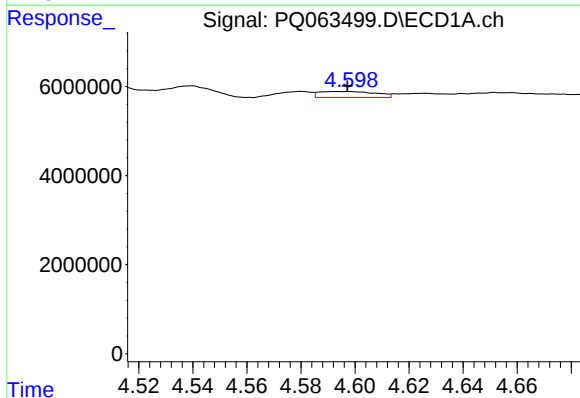
R.T.: 4.580 min
Delta R.T.: 0.002 min
Response: 1209439
Conc: 7.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



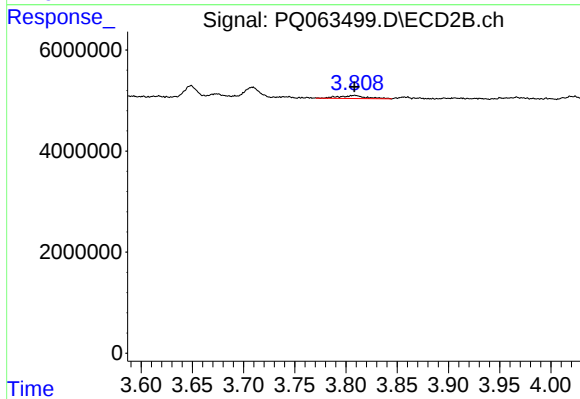
#3 AR-1016-1

R.T.: 3.809 min
Delta R.T.: 0.016 min
Response: 1091770
Conc: 8.21 ng/ml



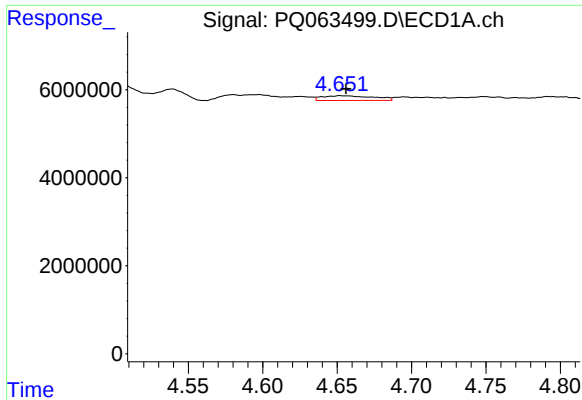
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 1942064
Conc: 7.71 ng/ml



#4 AR-1016-2

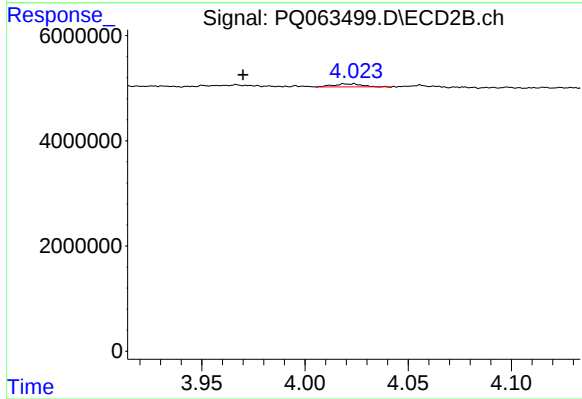
R.T.: 3.809 min
Delta R.T.: 0.000 min
Response: 1091770
Conc: 5.69 ng/ml



#5 AR-1016-3

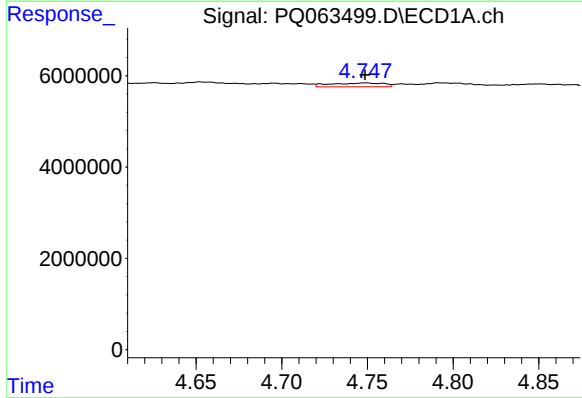
R.T.: 4.652 min
Delta R.T.: -0.004 min
Response: 2601461
Conc: 16.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



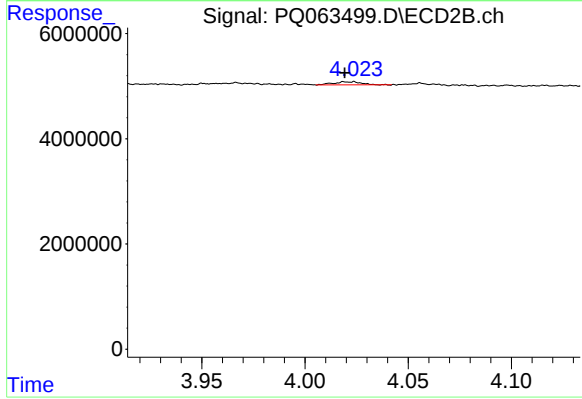
#5 AR-1016-3

R.T.: 4.023 min
Delta R.T.: 0.053 min
Response: 557433
Conc: 5.31 ng/ml



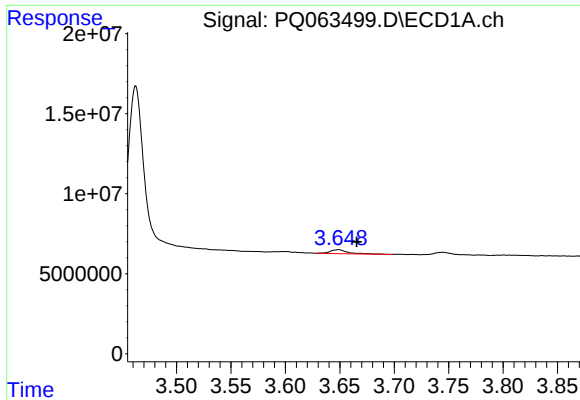
#6 AR-1016-4

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 1824174
Conc: 14.23 ng/ml



#6 AR-1016-4

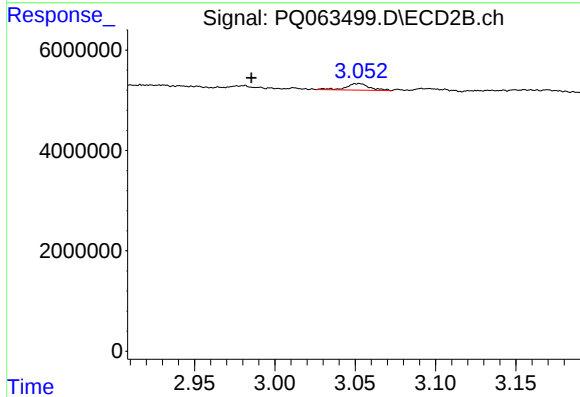
R.T.: 4.023 min
Delta R.T.: 0.004 min
Response: 557433
Conc: 6.30 ng/ml



#8 AR-1221-1

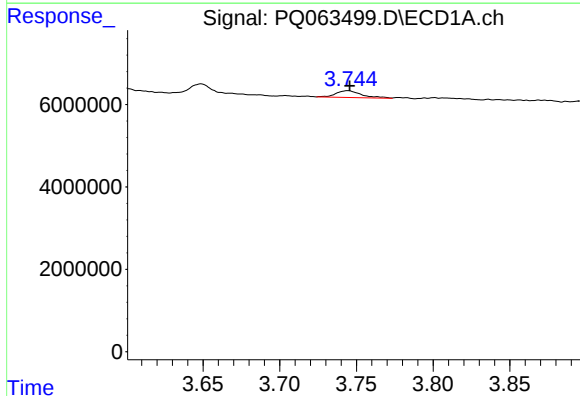
R.T.: 3.649 min
Delta R.T.: -0.017 min
Response: 2774023
Conc: 44.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



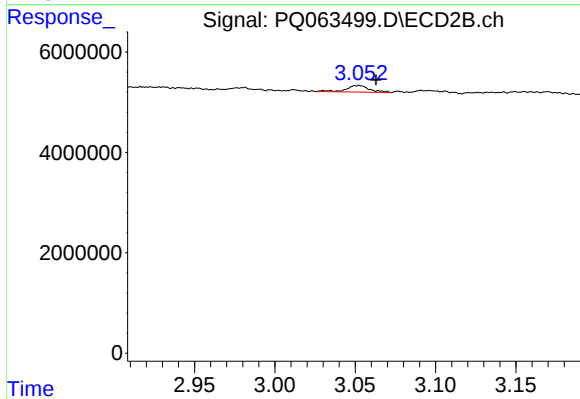
#8 AR-1221-1

R.T.: 3.052 min
Delta R.T.: 0.067 min
Response: 1332642
Conc: 27.52 ng/ml



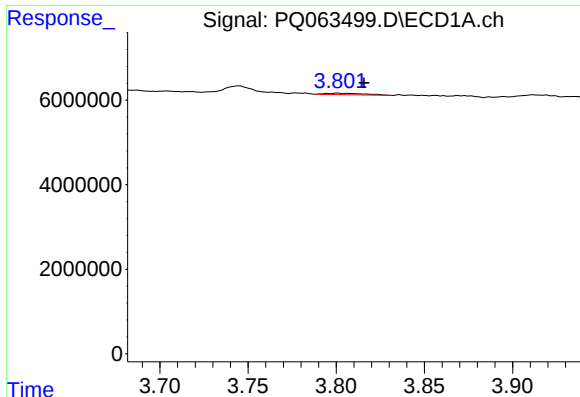
#9 AR-1221-2

R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 1938005
Conc: 46.95 ng/ml



#9 AR-1221-2

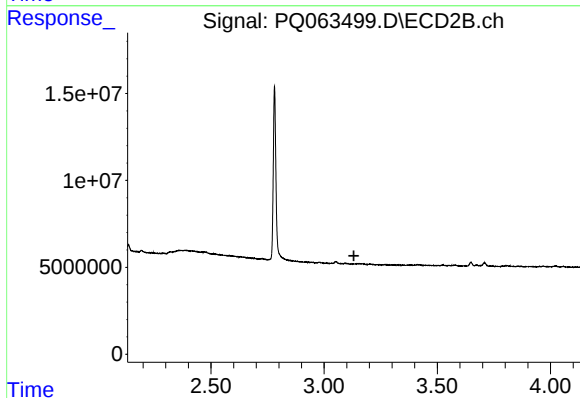
R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 1332642
Conc: 39.99 ng/ml



#10 AR-1221-3

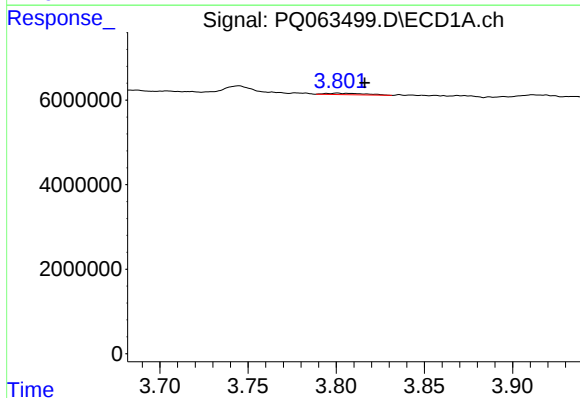
R.T.: 3.801 min
Delta R.T.: -0.015 min
Response: 544235
Conc: 3.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



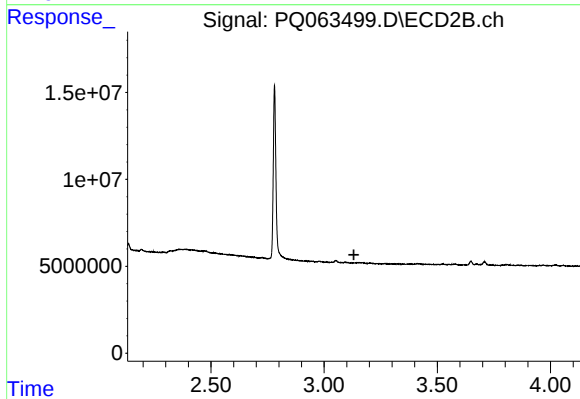
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.131 min
Response: 0
Conc: N.D.



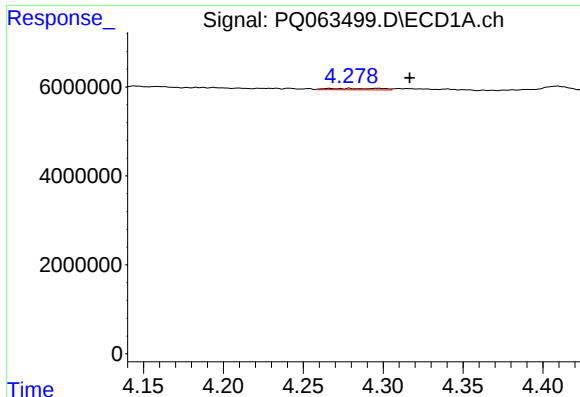
#11 AR-1232-1

R.T.: 3.801 min
Delta R.T.: -0.015 min
Response: 544235
Conc: 4.89 ng/ml



#11 AR-1232-1

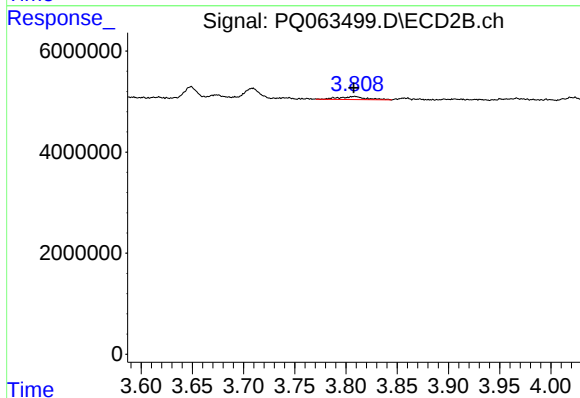
R.T.: 0.000 min
Exp R.T. : 3.132 min
Response: 0
Conc: N.D.



#12 AR-1232-2

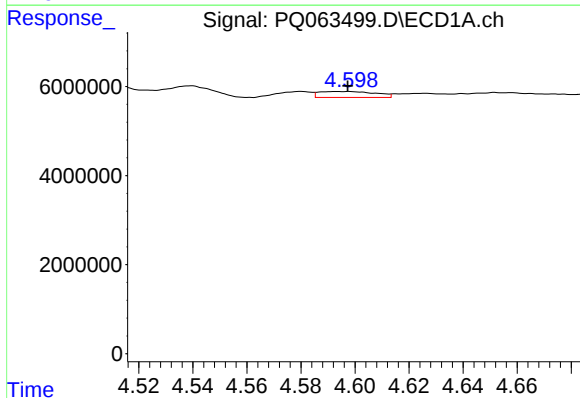
R.T.: 4.279 min
Delta R.T.: -0.038 min
Response: 709594
Conc: 12.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



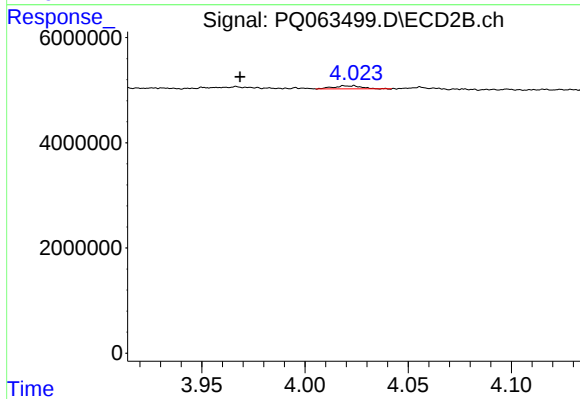
#12 AR-1232-2

R.T.: 3.809 min
Delta R.T.: 0.000 min
Response: 1091770
Conc: 12.56 ng/ml



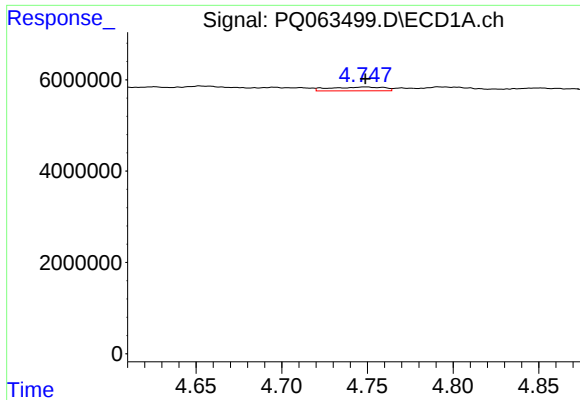
#13 AR-1232-3

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 1942064
Conc: 17.05 ng/ml



#13 AR-1232-3

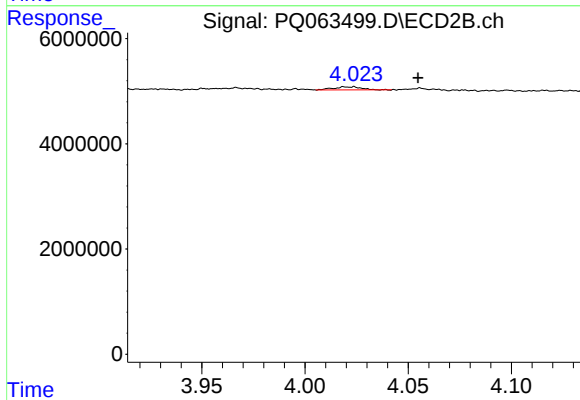
R.T.: 4.023 min
Delta R.T.: 0.055 min
Response: 557433
Conc: 12.14 ng/ml



#14 AR-1232-4

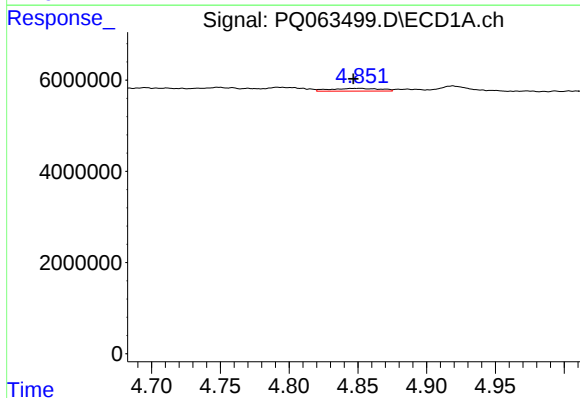
R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 1824174
Conc: 31.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



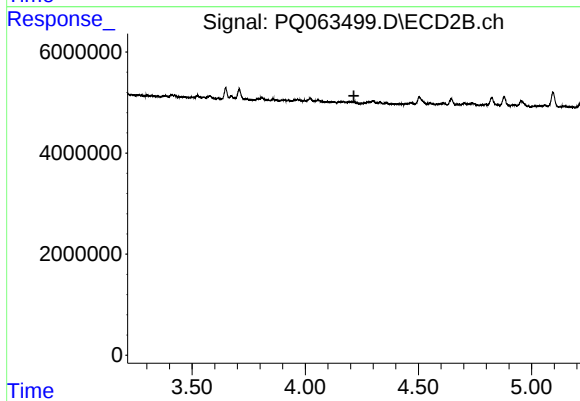
#14 AR-1232-4

R.T.: 4.023 min
Delta R.T.: -0.032 min
Response: 557433
Conc: 14.25 ng/ml



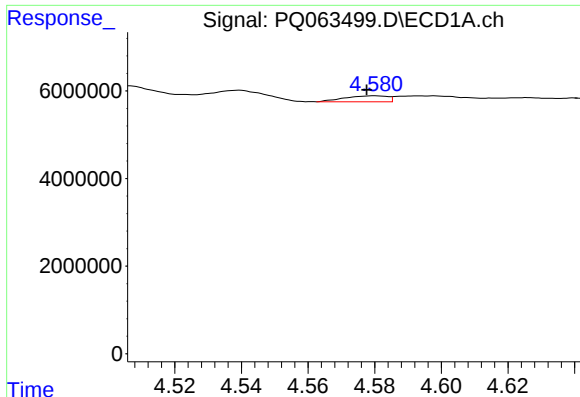
#15 AR-1232-5

R.T.: 4.852 min
Delta R.T.: 0.005 min
Response: 1512182
Conc: 37.36 ng/ml



#15 AR-1232-5

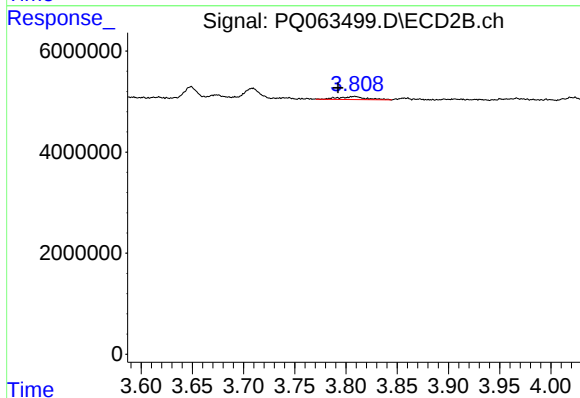
R.T.: 0.000 min
Exp R.T.: 4.215 min
Response: 0
Conc: N.D.



#16 AR-1242-1

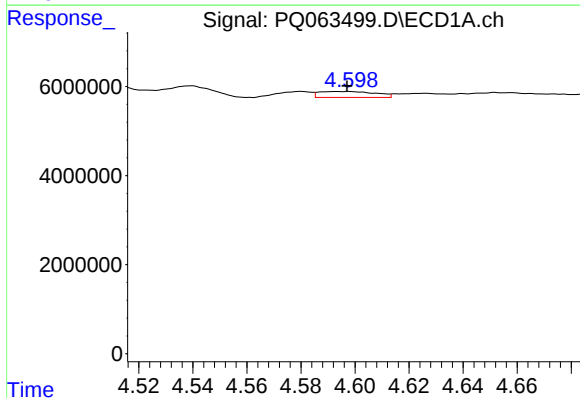
R.T.: 4.580 min
Delta R.T.: 0.002 min
Response: 1209439
Conc: 8.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



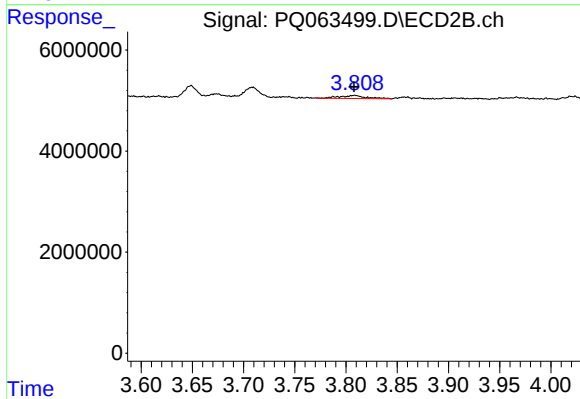
#16 AR-1242-1

R.T.: 3.809 min
Delta R.T.: 0.016 min
Response: 1091770
Conc: 9.69 ng/ml



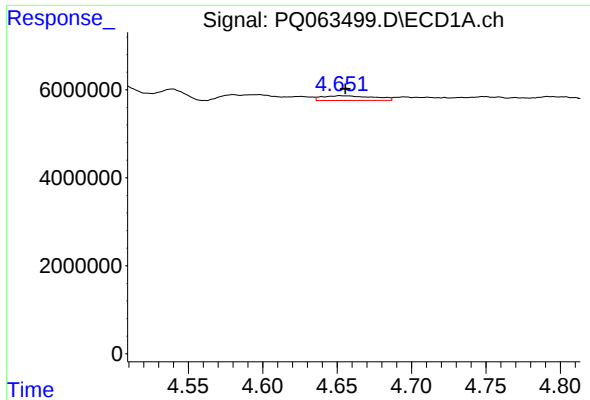
#17 AR-1242-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 1942064
Conc: 9.06 ng/ml



#17 AR-1242-2

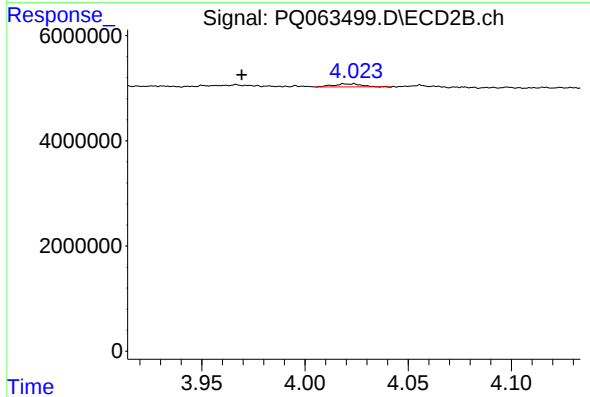
R.T.: 3.809 min
Delta R.T.: 0.000 min
Response: 1091770
Conc: 6.72 ng/ml



#18 AR-1242-3

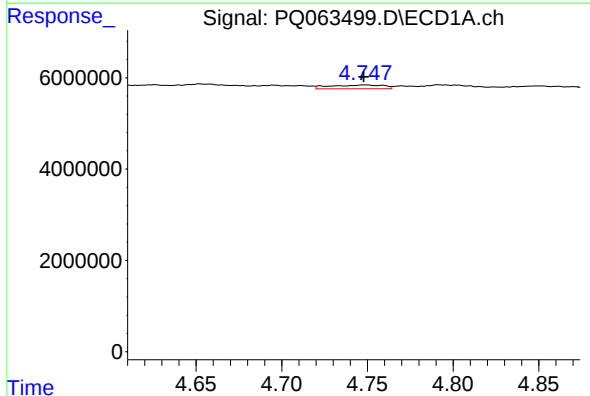
R.T.: 4.652 min
Delta R.T.: -0.004 min
Response: 2601461
Conc: 19.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



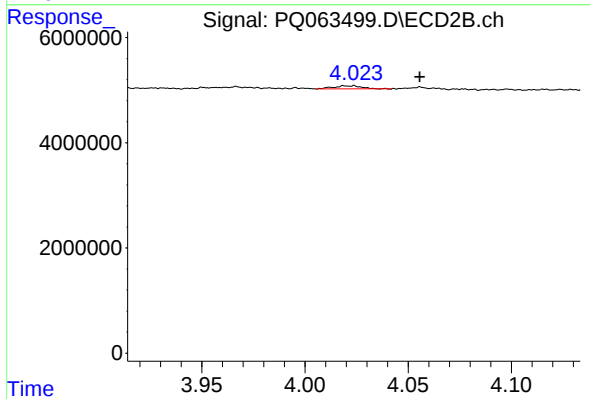
#18 AR-1242-3

R.T.: 4.023 min
Delta R.T.: 0.054 min
Response: 557433
Conc: 6.36 ng/ml



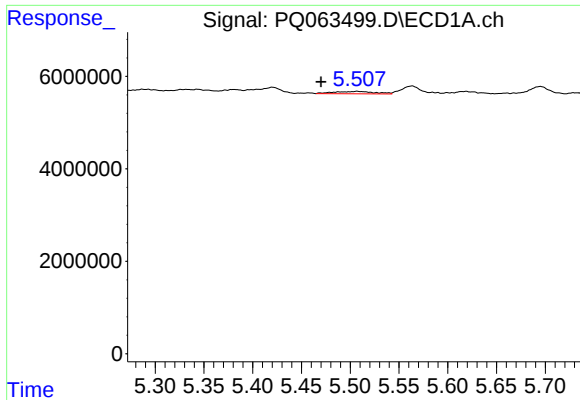
#19 AR-1242-4

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 1824174
Conc: 16.73 ng/ml



#19 AR-1242-4

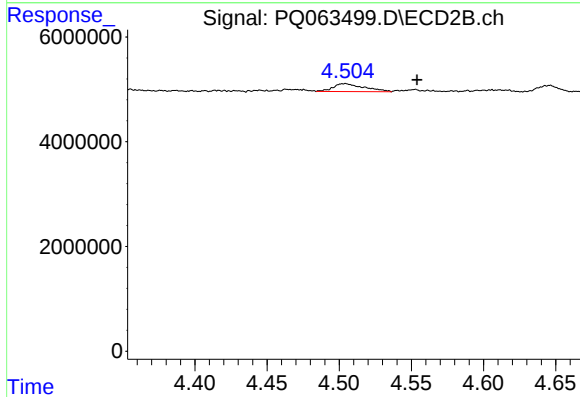
R.T.: 4.023 min
Delta R.T.: -0.032 min
Response: 557433
Conc: 6.80 ng/ml



#20 AR-1242-5

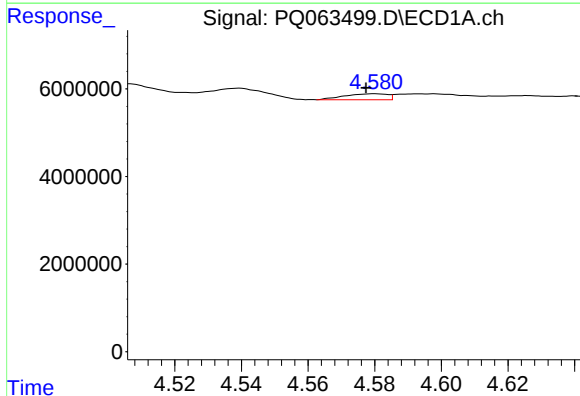
R.T.: 5.507 min
Delta R.T.: 0.037 min
Response: 1497729
Conc: 12.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



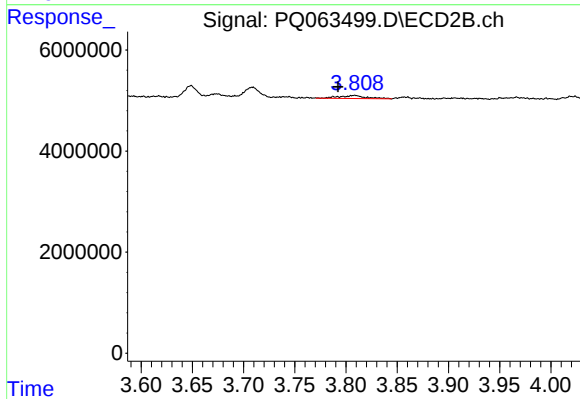
#20 AR-1242-5

R.T.: 4.504 min
Delta R.T.: -0.050 min
Response: 2269992
Conc: 21.31 ng/ml



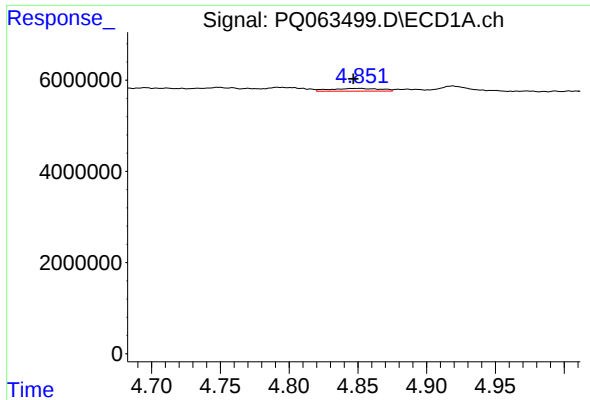
#21 AR-1248-1

R.T.: 4.580 min
Delta R.T.: 0.003 min
Response: 1209439
Conc: 11.33 ng/ml



#21 AR-1248-1

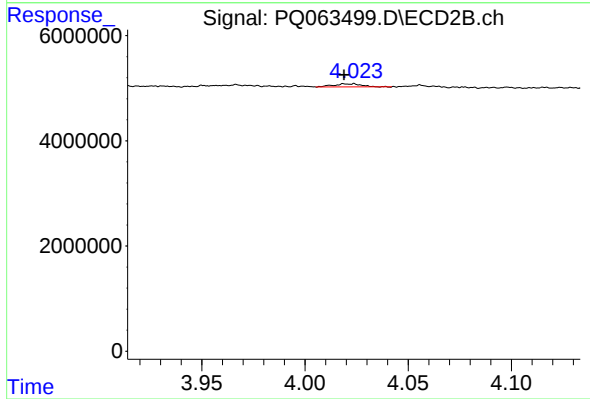
R.T.: 3.809 min
Delta R.T.: 0.016 min
Response: 1091770
Conc: 12.61 ng/ml



#22 AR-1248-2

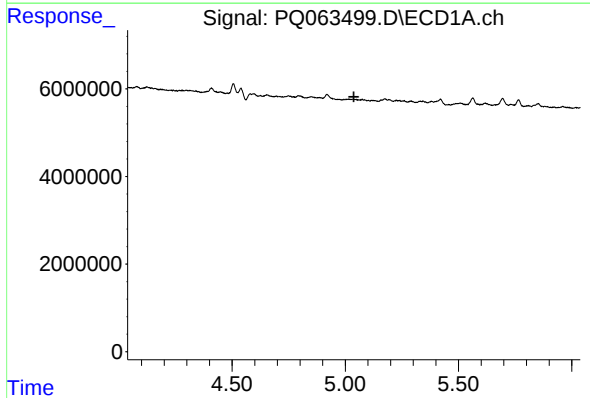
R.T.: 4.852 min
Delta R.T.: 0.005 min
Response: 1512182
Conc: 9.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



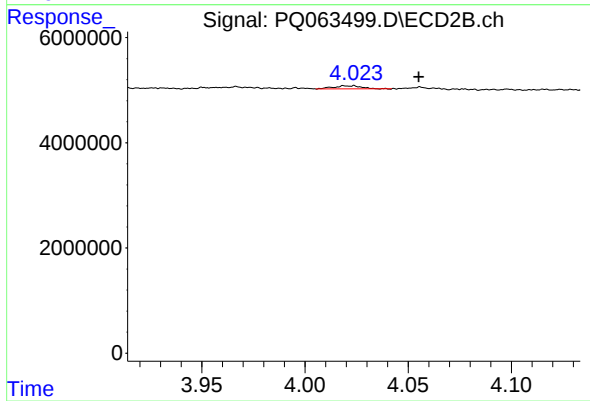
#22 AR-1248-2

R.T.: 4.023 min
Delta R.T.: 0.004 min
Response: 557433
Conc: 4.33 ng/ml



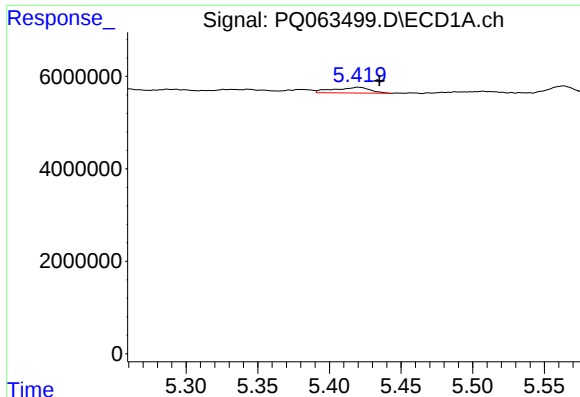
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.038 min
Response: 0
Conc: N.D.



#23 AR-1248-3

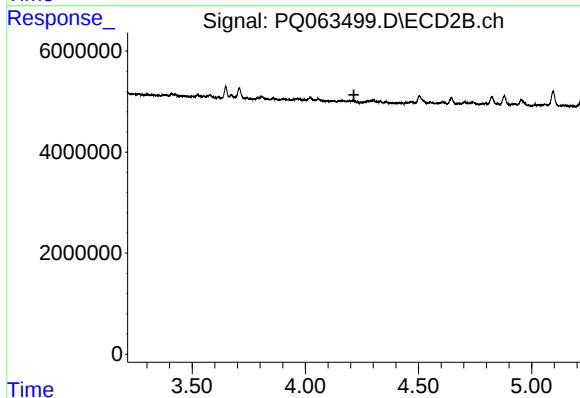
R.T.: 4.023 min
Delta R.T.: -0.032 min
Response: 557433
Conc: 4.50 ng/ml



#24 AR-1248-4

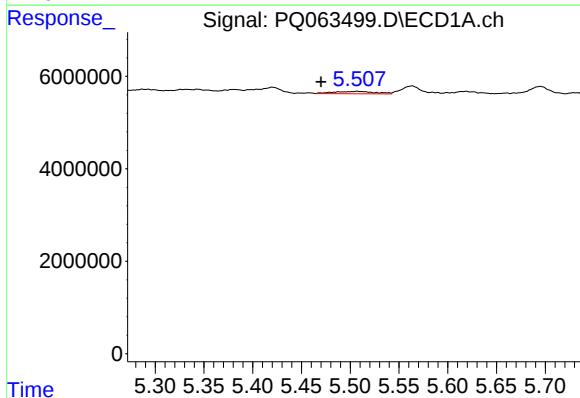
R.T.: 5.420 min
Delta R.T.: -0.015 min
Response: 2194364
Conc: 10.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



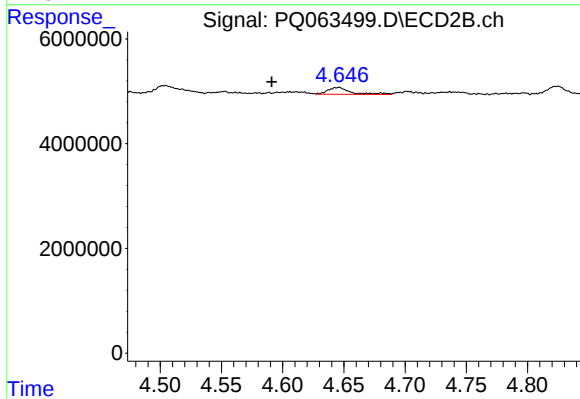
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.214 min
Response: 0
Conc: N.D.



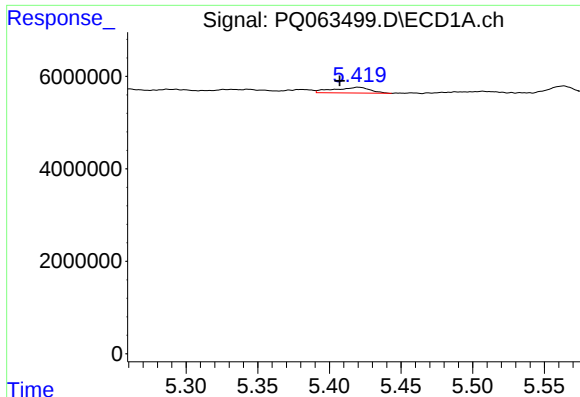
#25 AR-1248-5

R.T.: 5.507 min
Delta R.T.: 0.037 min
Response: 1497729
Conc: 7.47 ng/ml



#25 AR-1248-5

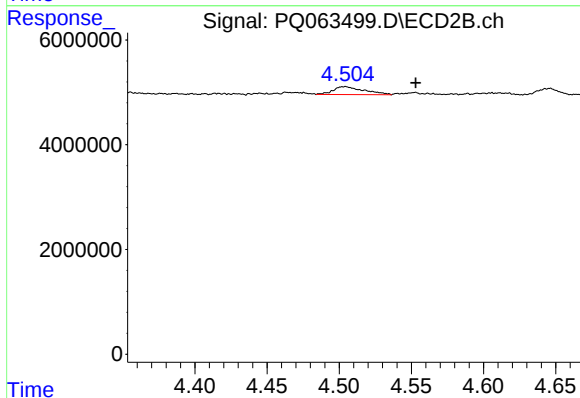
R.T.: 4.646 min
Delta R.T.: 0.054 min
Response: 1701503
Conc: 11.21 ng/ml



#26 AR-1254-1

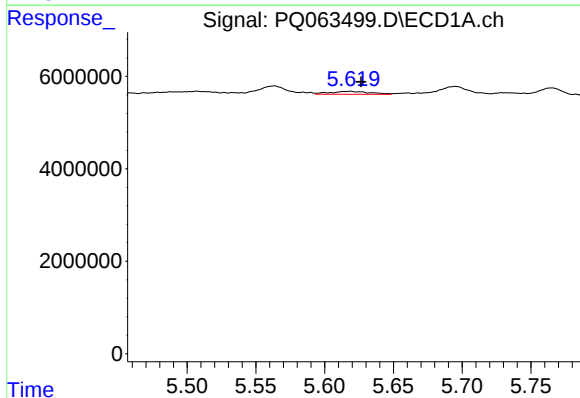
R.T.: 5.420 min
Delta R.T.: 0.013 min
Response: 2194364
Conc: 10.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



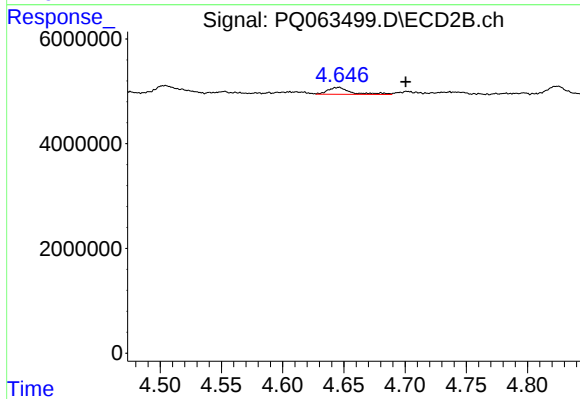
#26 AR-1254-1

R.T.: 4.504 min
Delta R.T.: -0.049 min
Response: 2269992
Conc: 10.29 ng/ml



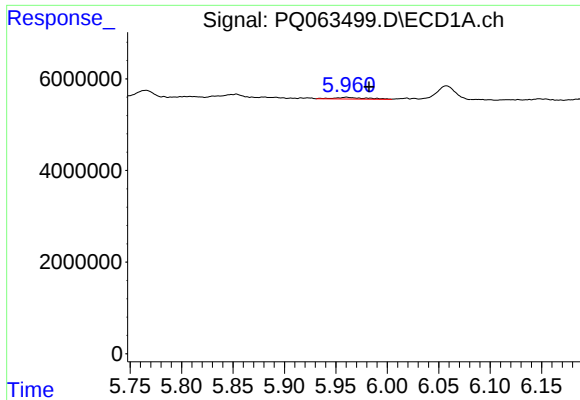
#27 AR-1254-2

R.T.: 5.619 min
Delta R.T.: -0.008 min
Response: 1270037
Conc: 4.06 ng/ml



#27 AR-1254-2

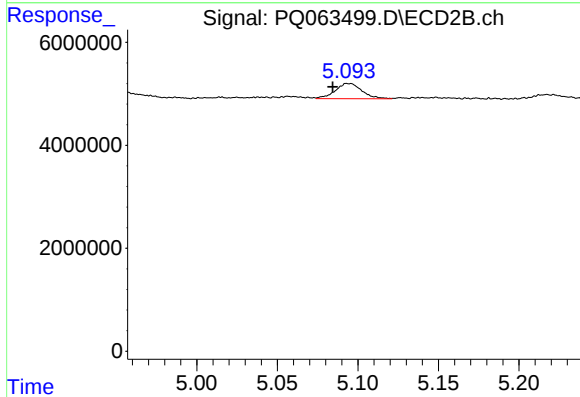
R.T.: 4.646 min
Delta R.T.: -0.055 min
Response: 1701503
Conc: 8.77 ng/ml



#28 AR-1254-3

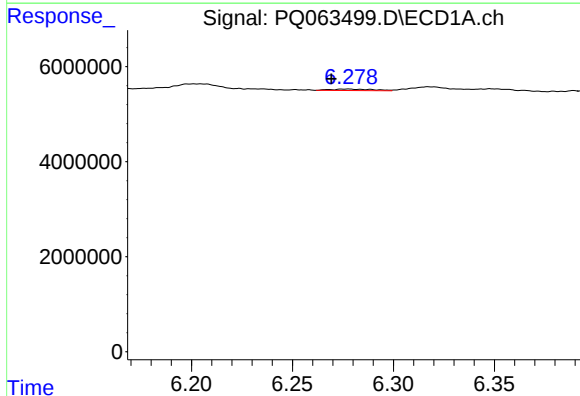
R.T.: 5.960 min
Delta R.T.: -0.022 min
Response: 735513
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



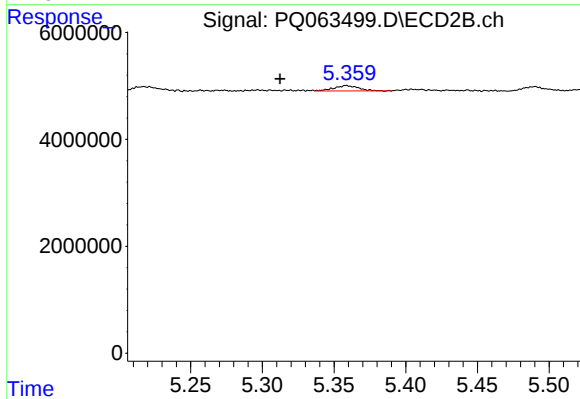
#28 AR-1254-3

R.T.: 5.094 min
Delta R.T.: 0.010 min
Response: 3391951
Conc: 11.12 ng/ml



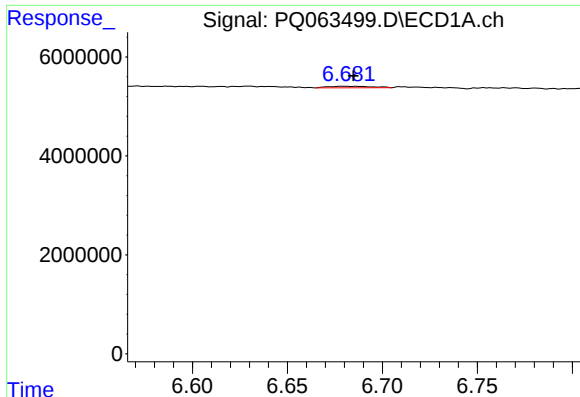
#29 AR-1254-4

R.T.: 6.278 min
Delta R.T.: 0.009 min
Response: 462804
Conc: 1.97 ng/ml



#29 AR-1254-4

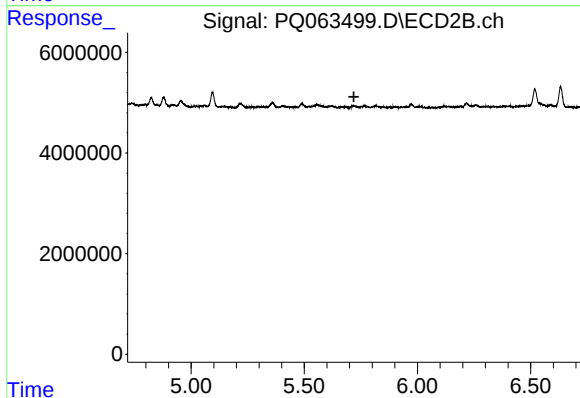
R.T.: 5.359 min
Delta R.T.: 0.046 min
Response: 1187560
Conc: 6.09 ng/ml



#30 AR-1254-5

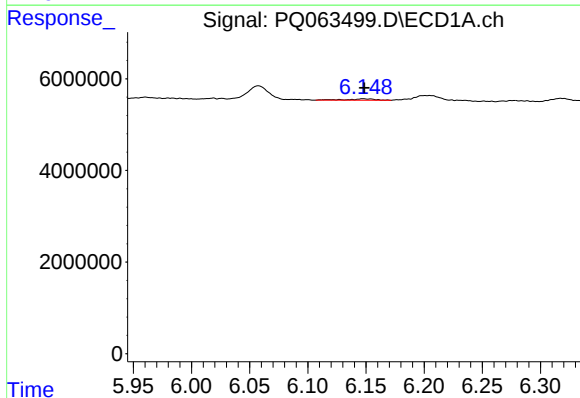
R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 500274
Conc: 1.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



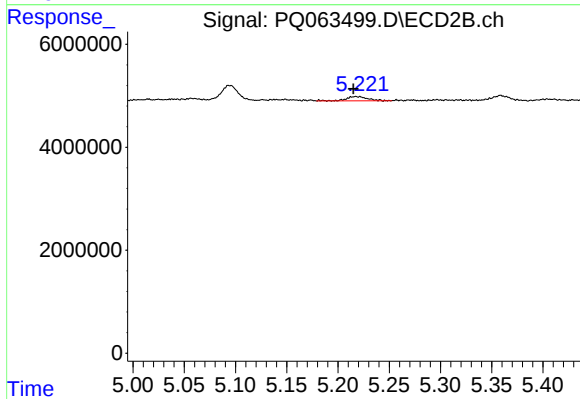
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 5.719 min
Response: 0
Conc: N.D.



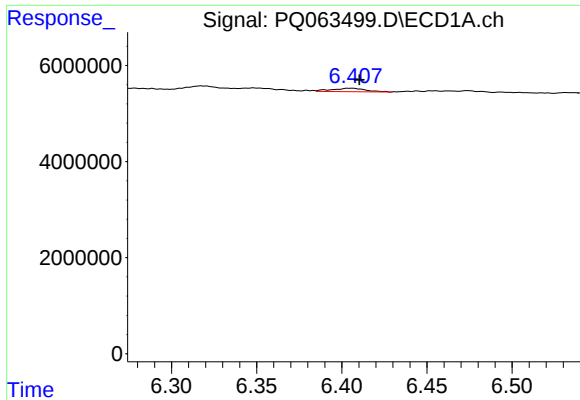
#31 AR-1260-1

R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 526960
Conc: 2.13 ng/ml



#31 AR-1260-1

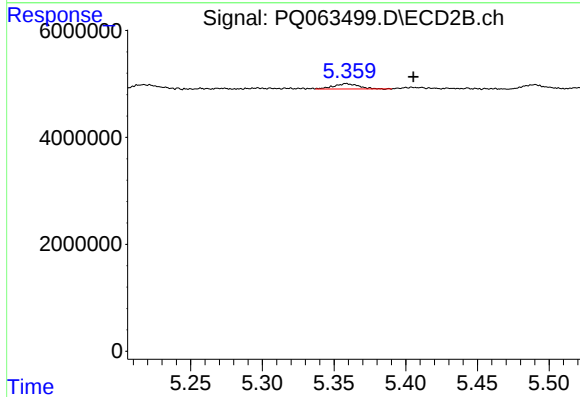
R.T.: 5.217 min
Delta R.T.: 0.002 min
Response: 1217216
Conc: 5.69 ng/ml



#32 AR-1260-2

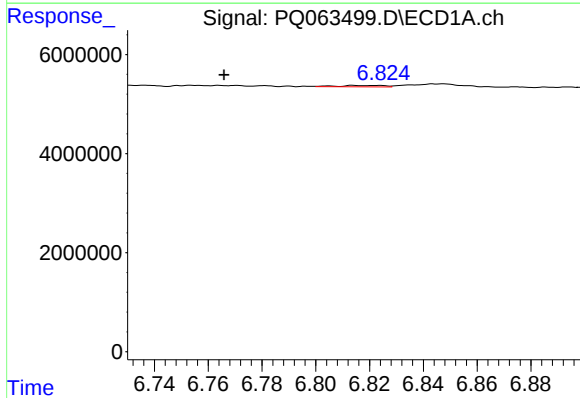
R.T.: 6.405 min
Delta R.T.: -0.005 min
Response: 983834
Conc: 3.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



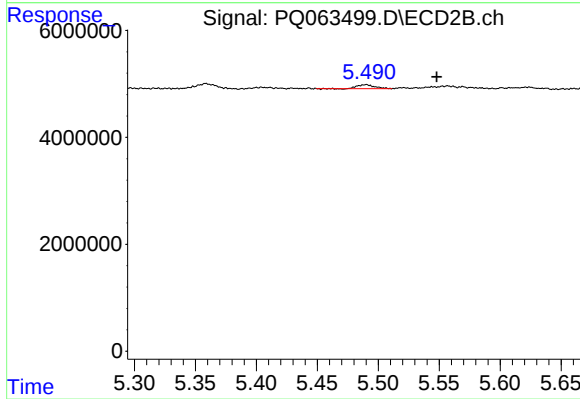
#32 AR-1260-2

R.T.: 5.359 min
Delta R.T.: -0.047 min
Response: 1187560
Conc: 4.68 ng/ml



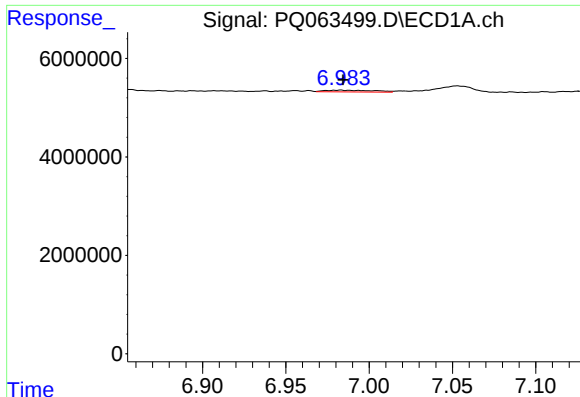
#33 AR-1260-3

R.T.: 6.814 min
Delta R.T.: 0.048 min
Response: 336101
Conc: 1.54 ng/ml



#33 AR-1260-3

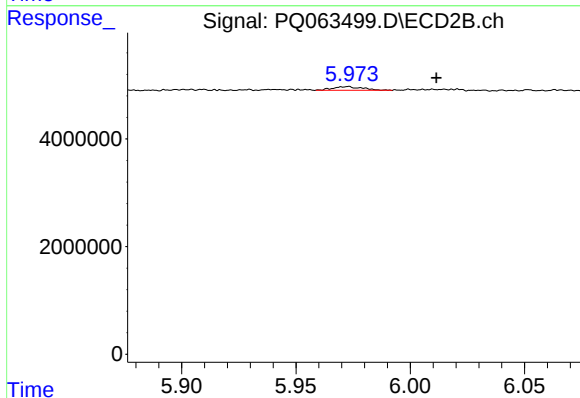
R.T.: 5.490 min
Delta R.T.: -0.058 min
Response: 702309
Conc: 2.90 ng/ml



#34 AR-1260-4

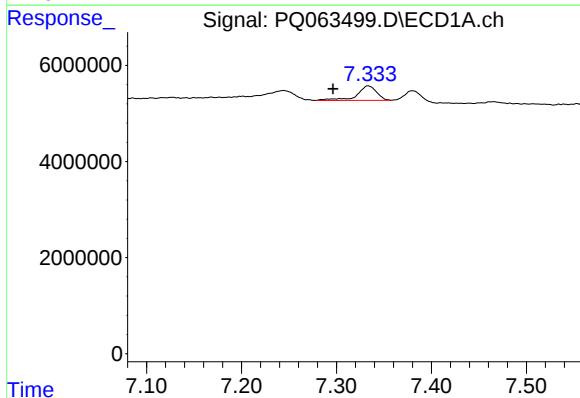
R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 734074
Conc: 2.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



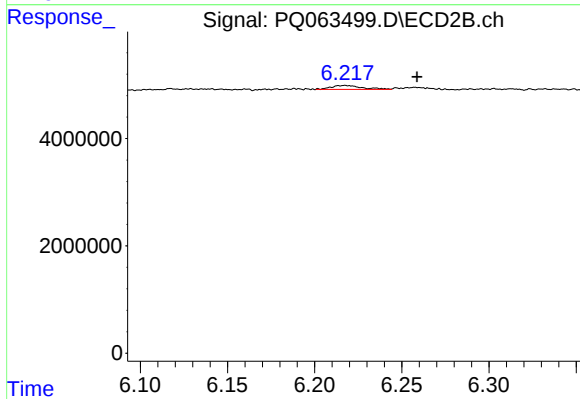
#34 AR-1260-4

R.T.: 5.972 min
Delta R.T.: -0.039 min
Response: 600472
Conc: 2.96 ng/ml



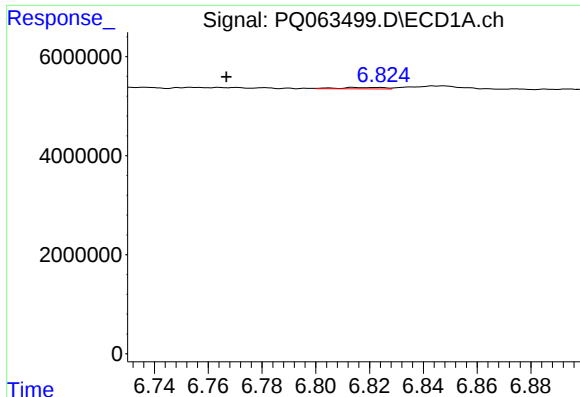
#35 AR-1260-5

R.T.: 7.333 min
Delta R.T.: 0.037 min
Response: 4300841
Conc: 9.03 ng/ml



#35 AR-1260-5

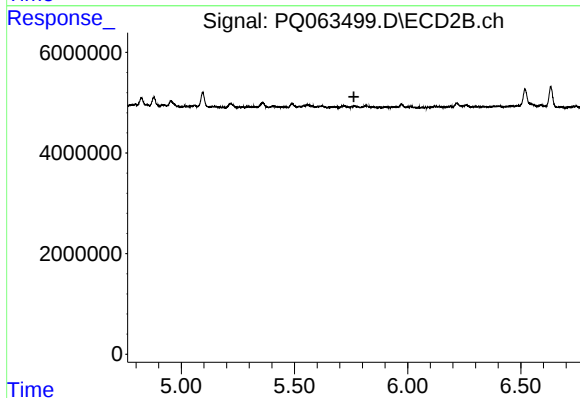
R.T.: 6.218 min
Delta R.T.: -0.041 min
Response: 892461
Conc: 1.92 ng/ml



#36 AR-1262-1

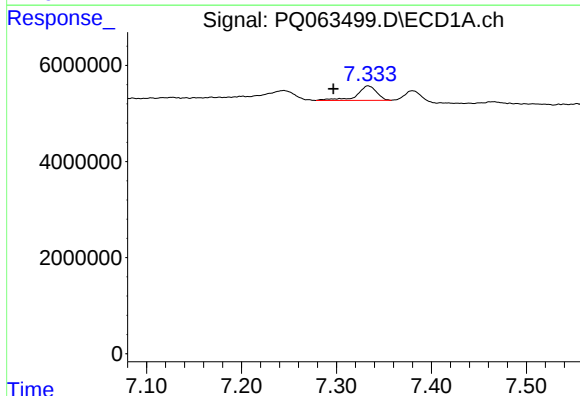
R.T.: 6.814 min
Delta R.T.: 0.047 min
Response: 336101
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



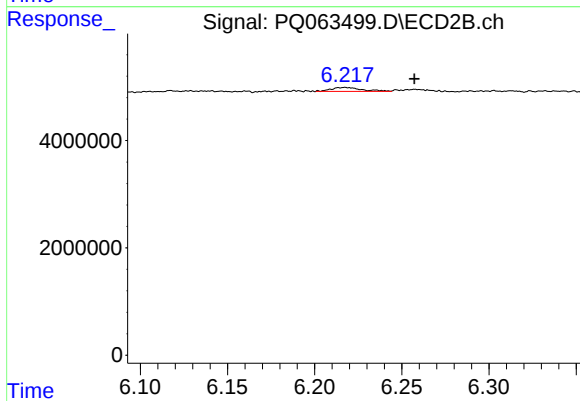
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 5.763 min
Response: 0
Conc: N.D.



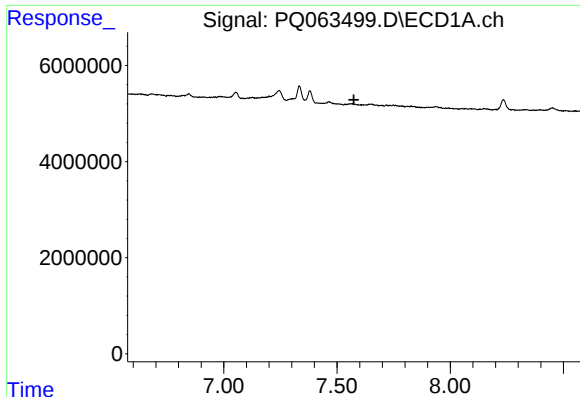
#37 AR-1262-2

R.T.: 7.333 min
Delta R.T.: 0.037 min
Response: 4300841
Conc: 7.89 ng/ml



#37 AR-1262-2

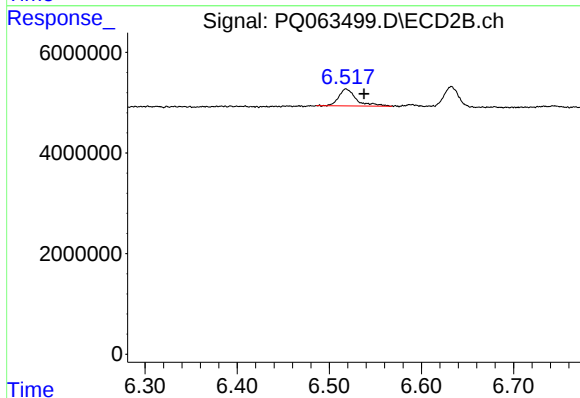
R.T.: 6.218 min
Delta R.T.: -0.040 min
Response: 892461
Conc: 1.72 ng/ml



#38 AR-1262-3

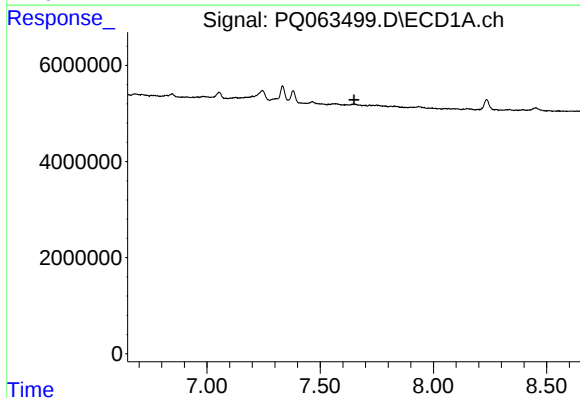
R.T.: 0.000 min
Exp R.T.: 7.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



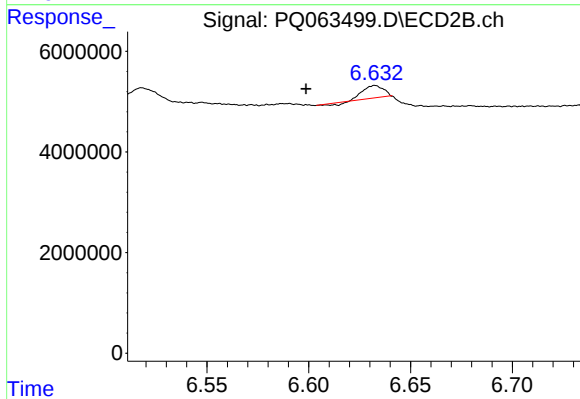
#38 AR-1262-3

R.T.: 6.518 min
Delta R.T.: -0.019 min
Response: 4453742
Conc: 20.76 ng/ml



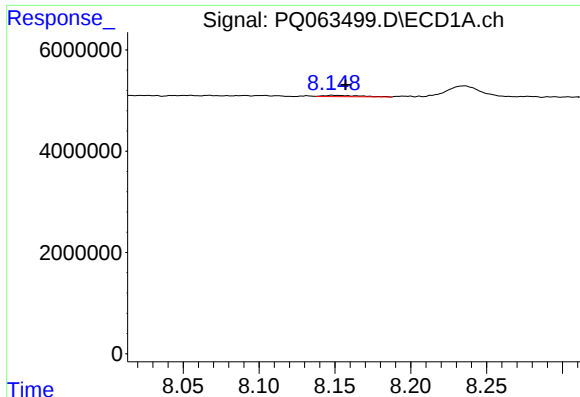
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 7.649 min
Response: 0
Conc: N.D.



#39 AR-1262-4

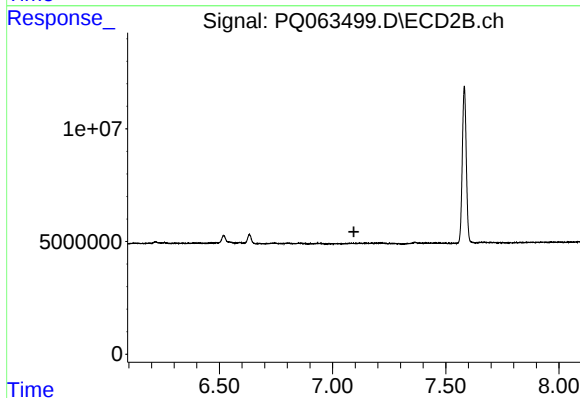
R.T.: 6.632 min
Delta R.T.: 0.034 min
Response: 1622468
Conc: 4.15 ng/ml



#40 AR-1262-5

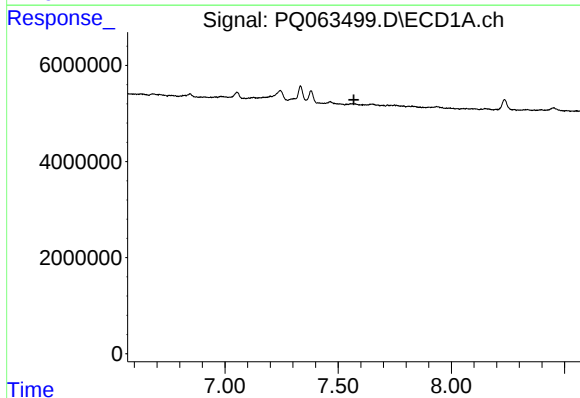
R.T.: 8.148 min
Delta R.T.: -0.009 min
Response: 454778
Conc: 2.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



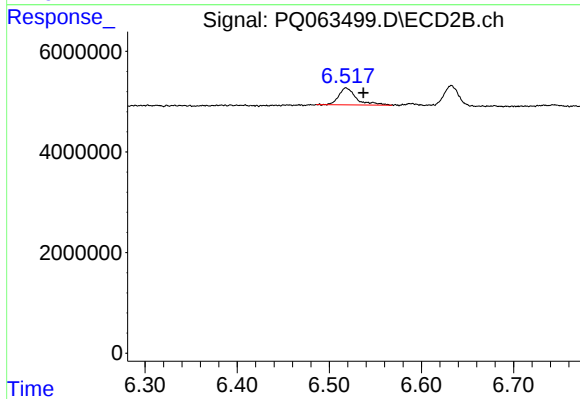
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.094 min
Response: 0
Conc: N.D.



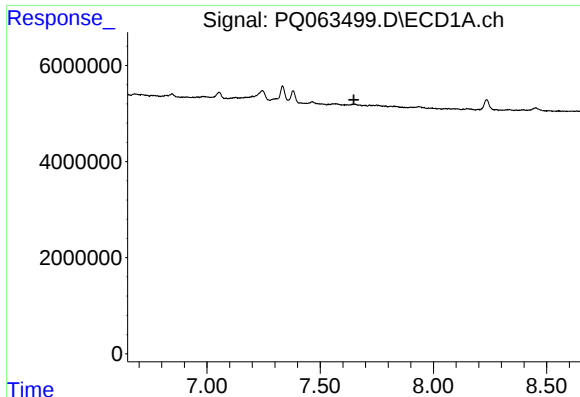
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.570 min
Response: 0
Conc: N.D.



#41 AR-1268-1

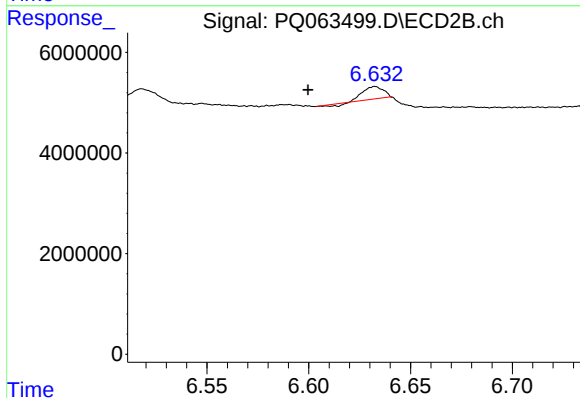
R.T.: 6.518 min
Delta R.T.: -0.019 min
Response: 4453742
Conc: 7.38 ng/ml



#42 AR-1268-2

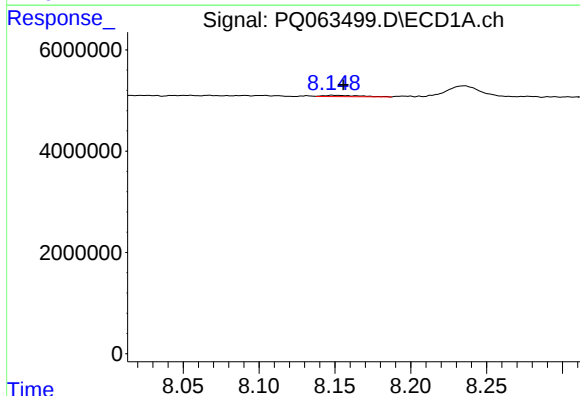
R.T.: 0.000 min
Exp R.T.: 7.649 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



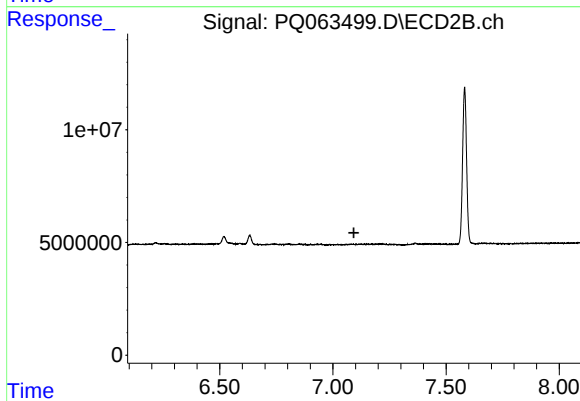
#42 AR-1268-2

R.T.: 6.632 min
Delta R.T.: 0.033 min
Response: 1622468
Conc: 2.99 ng/ml



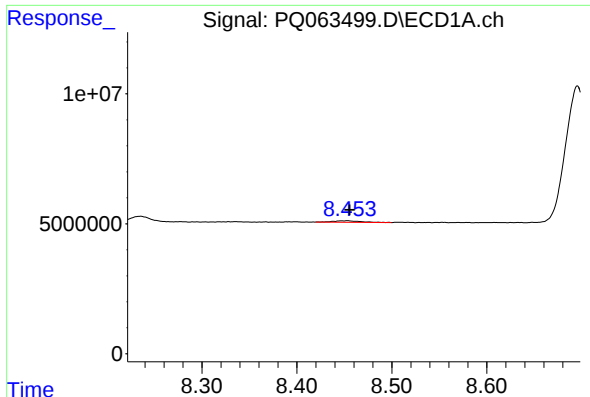
#44 AR-1268-4

R.T.: 8.148 min
Delta R.T.: -0.007 min
Response: 454778
Conc: 2.24 ng/ml



#44 AR-1268-4

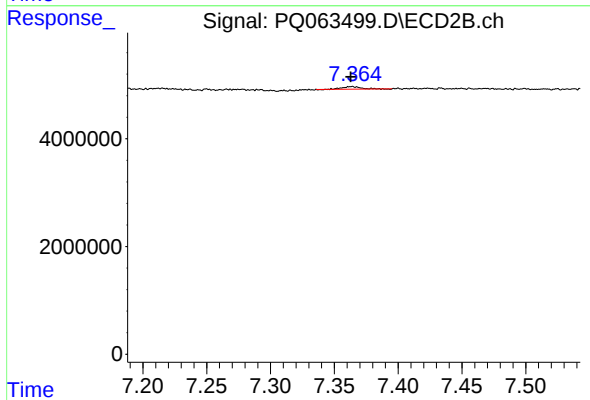
R.T.: 0.000 min
Exp R.T.: 7.093 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.453 min
Delta R.T.: -0.003 min
Response: 1103126
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 467562
Conc: 0.33 ng/ml