

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
 Data File : PQ063502.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 19:45
 Operator : YP\AJ
 Sample : 04654-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 22:42:38 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...	3.462	2.781	98826677	81036262	18.836	20.052
2)	SA Decachlor...	8.695	7.581	82940345	82303594	22.448	22.260
Target Compounds							
3)	L1 AR-1016-1	4.601	0.000	2532697	0	15.334	N.D. #
4)	L1 AR-1016-2	4.601	0.000	2532697	0	10.052	N.D. #
5)	L1 AR-1016-3	4.652	0.000	1396807	0	8.915	N.D. #
6)	L1 AR-1016-4	4.760	0.000	670809	0	5.234	N.D. #
7)	L1 AR-1016-5	0.000	4.264f	0	1366202	N.D.	12.722 #
8)	L2 AR-1221-1	3.648	2.927f	1846384	1190951	29.453	24.596
9)	L2 AR-1221-2	3.744	3.052	1599923	1036408	38.757	31.100
10)	L2 AR-1221-3	0.000	3.099	0	1241893	N.D.	10.944 #
11)	L3 AR-1232-1	0.000	3.099	0	1241893	N.D.	13.228 #
12)	L3 AR-1232-2	4.375f	0.000	122578	0	2.074	N.D. #
13)	L3 AR-1232-3	4.601	0.000	2532697	0	22.232	N.D. #
14)	L3 AR-1232-4	4.760	0.000	670809	0	11.603	N.D. #
15)	L3 AR-1232-5	4.791f	4.264f	1002660	1366202	24.768	30.263
16)	L4 AR-1242-1	4.601	0.000	2532697	0	18.188	N.D. #
17)	L4 AR-1242-2	4.601	0.000	2532697	0	11.815	N.D. #
18)	L4 AR-1242-3	4.652	0.000	1396807	0	10.507	N.D. #
19)	L4 AR-1242-4	4.737	0.000	810802	0	7.435	N.D. #
20)	L4 AR-1242-5	5.481	4.506f	1104682	1573421	9.524	14.769 #
21)	L5 AR-1248-1	4.601	0.000	2532697	0	23.730	N.D. #
22)	L5 AR-1248-2	4.791f	0.000	1002660	0	6.550	N.D. #
24)	L5 AR-1248-4	5.450	4.264f	654921	1366202	3.223	9.004 #
25)	L5 AR-1248-5	5.481	4.645f	1104682	979559	5.509	6.454
26)	L6 AR-1254-1	5.450f	4.506f	654921	1573421	3.273	7.131 #
27)	L6 AR-1254-2	5.606	4.688	868642	914032	2.774	4.711 #
28)	L6 AR-1254-3	5.961	5.095	585339	1098962	1.804	3.602 #
29)	L6 AR-1254-4	6.322f	5.364f	693005	542582	2.947	2.783
30)	L6 AR-1254-5	6.703	0.000	514519	0	1.989	N.D. #
31)	L7 AR-1260-1	6.135	0.000	194139	0	0.785	N.D. #
32)	L7 AR-1260-2	6.346f	5.364f	721448	542582	2.418	2.139
33)	L7 AR-1260-3	6.703f	0.000	514519	0	2.353	N.D. #
34)	L7 AR-1260-4	6.983	0.000	447892	0	1.821	N.D. #
35)	L7 AR-1260-5	7.332f	0.000	1839598	0	3.861	N.D. #
36)	L8 AR-1262-1	6.703f	0.000	514519	0	1.558	N.D. #
37)	L8 AR-1262-2	7.332f	0.000	1839598	0	3.375	N.D. #
38)	L8 AR-1262-3	0.000	6.519	0	2389109	N.D.	11.135 #
39)	L8 AR-1262-4	0.000	6.633	0	460875	N.D.	1.179 #
41)	L9 AR-1268-1	0.000	6.519	0	2389109	N.D.	3.960 #
42)	L9 AR-1268-2	0.000	6.633	0	460875	N.D.	0.849 #
45)	L9 AR-1268-5	8.450	7.363	880472	469117	0.613	0.328 #

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Sample : 04654-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
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Quant Time: Oct 02 22:42:38 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

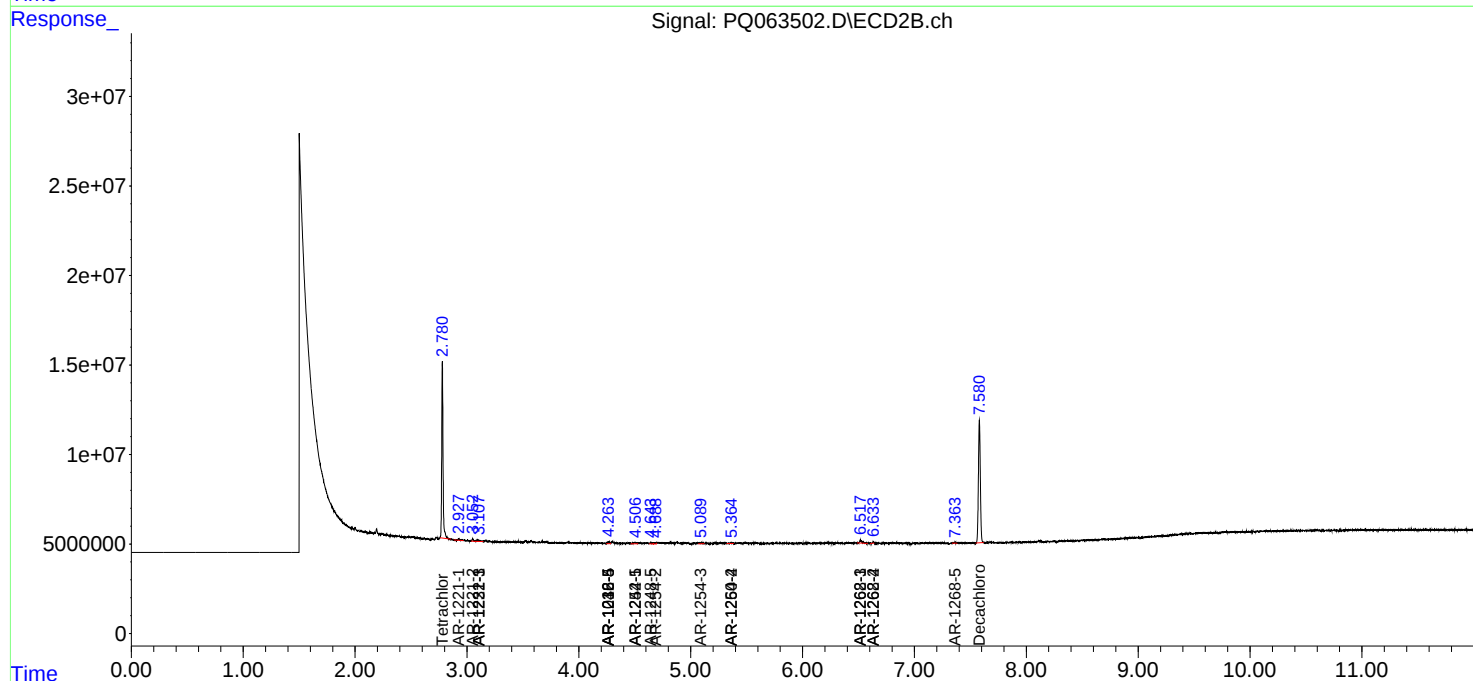
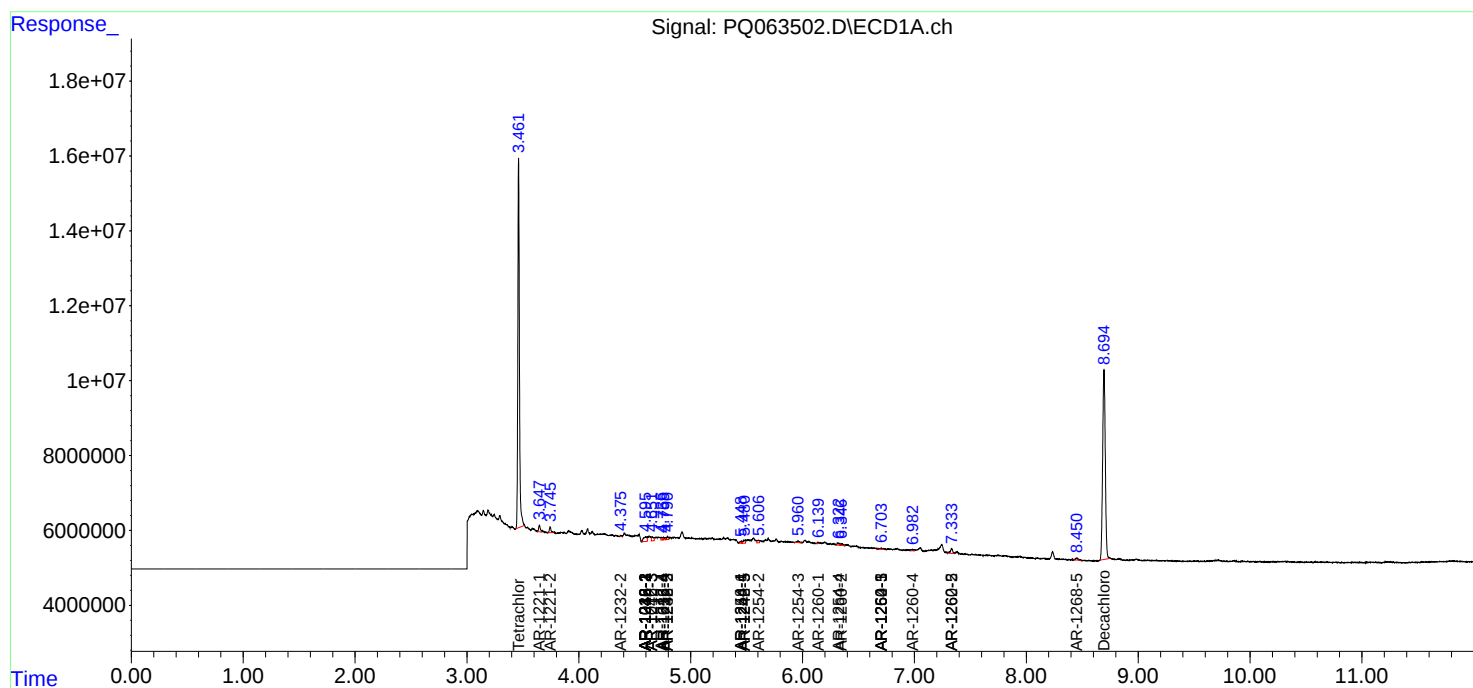
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

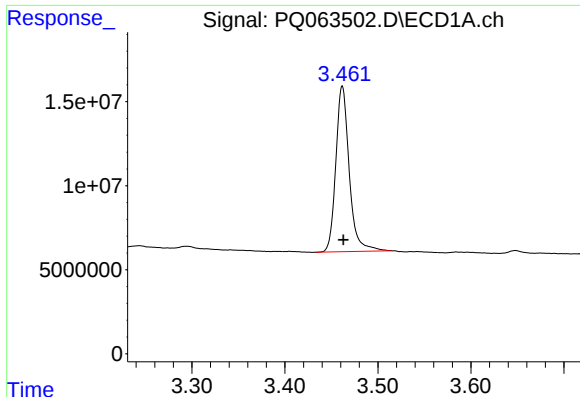
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

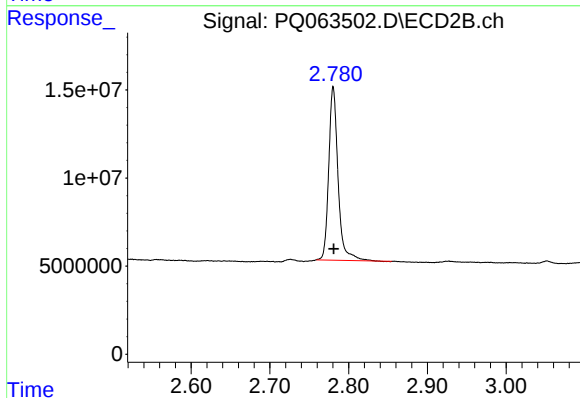




#1 Tetrachloro-m-xylene

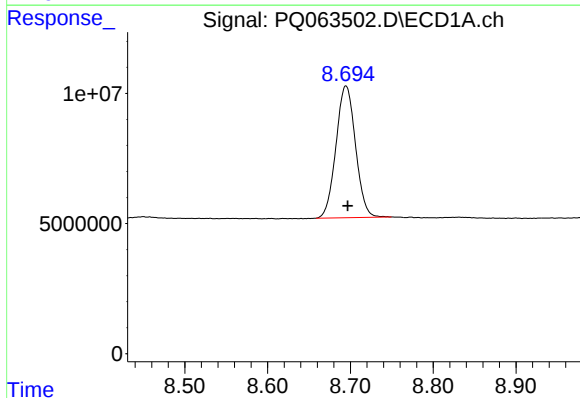
R.T.: 3.462 min
Delta R.T.: -0.001 min
Response: 98826677
Conc: 18.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



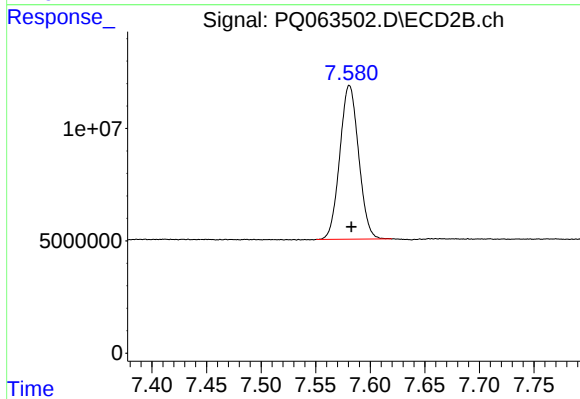
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 81036262
Conc: 20.05 ng/ml



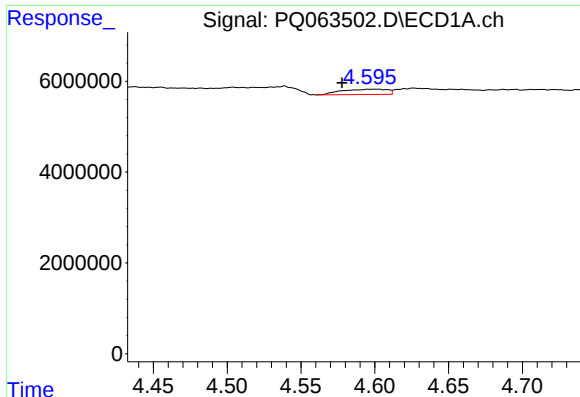
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 82940345
Conc: 22.45 ng/ml



#2 Decachlorobiphenyl

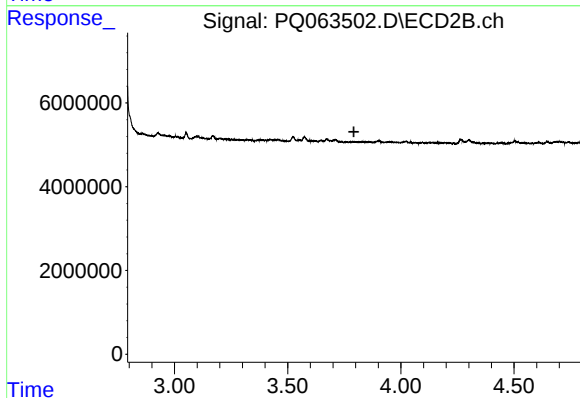
R.T.: 7.581 min
Delta R.T.: -0.002 min
Response: 82303594
Conc: 22.26 ng/ml



#3 AR-1016-1

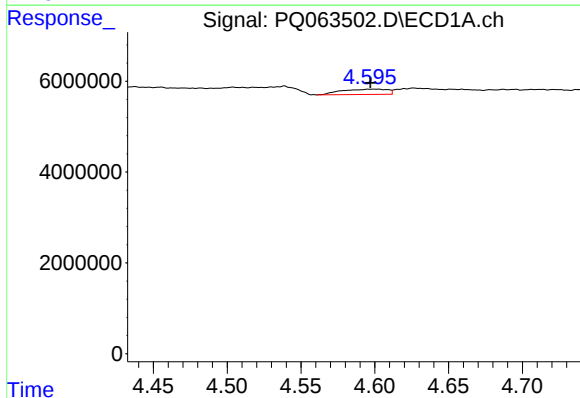
R.T.: 4.601 min
Delta R.T.: 0.023 min
Response: 2532697
Conc: 15.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



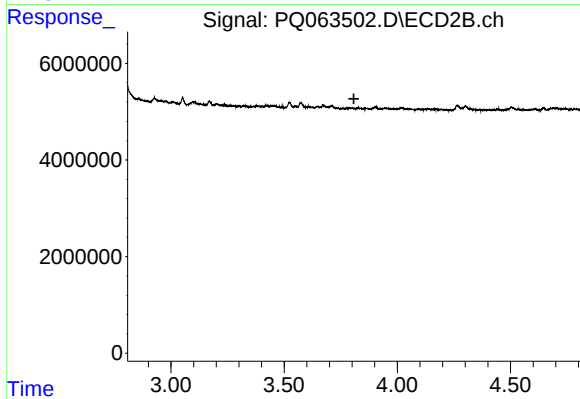
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.792 min
Response: 0
Conc: N.D.



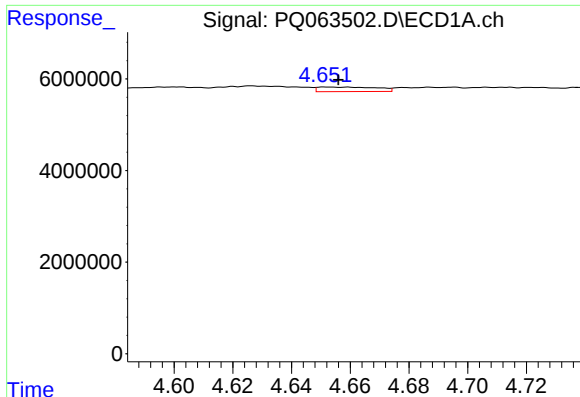
#4 AR-1016-2

R.T.: 4.601 min
Delta R.T.: 0.004 min
Response: 2532697
Conc: 10.05 ng/ml



#4 AR-1016-2

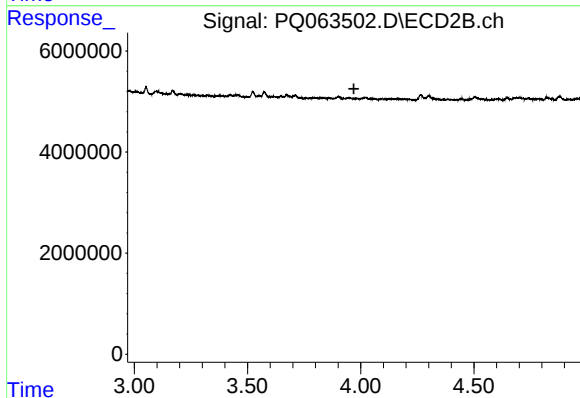
R.T.: 0.000 min
Exp R.T. : 3.808 min
Response: 0
Conc: N.D.



#5 AR-1016-3

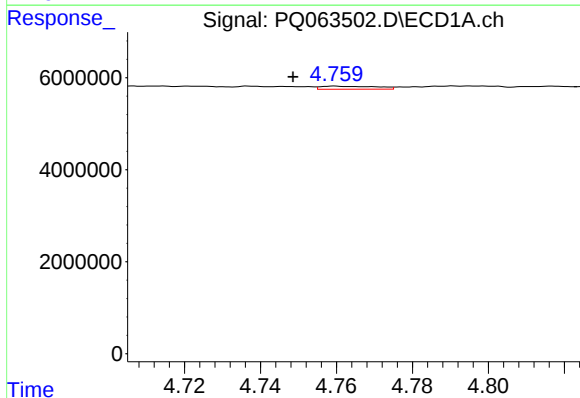
R.T.: 4.652 min
Delta R.T.: -0.004 min
Response: 1396807
Conc: 8.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



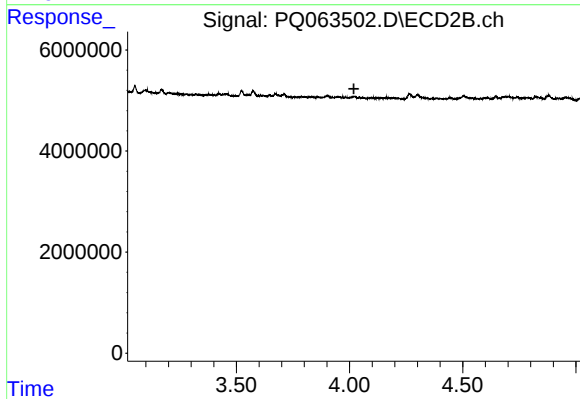
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.970 min
Response: 0
Conc: N.D.



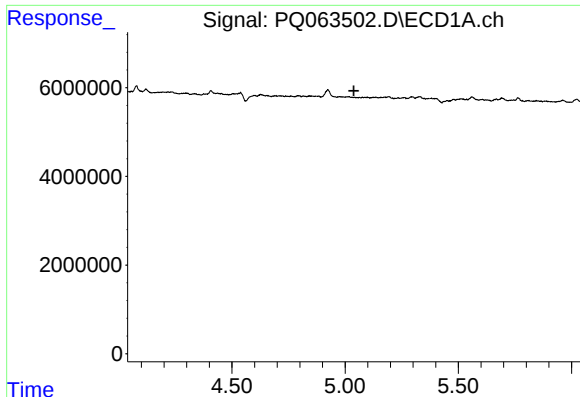
#6 AR-1016-4

R.T.: 4.760 min
Delta R.T.: 0.011 min
Response: 670809
Conc: 5.23 ng/ml



#6 AR-1016-4

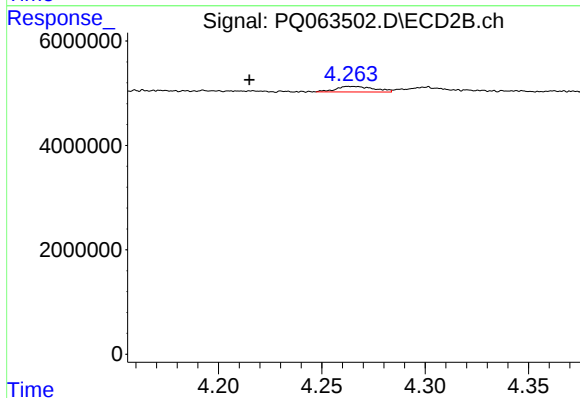
R.T.: 0.000 min
Exp R.T. : 4.019 min
Response: 0
Conc: N.D.



#7 AR-1016-5

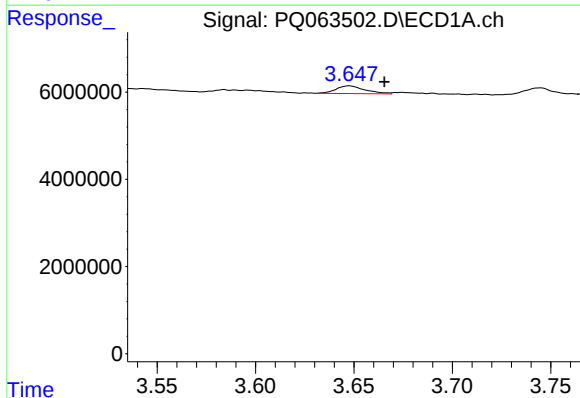
R.T.: 0.000 min
Exp R.T.: 5.039 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



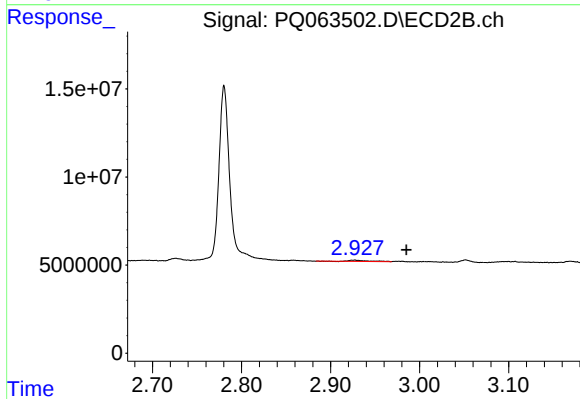
#7 AR-1016-5

R.T.: 4.264 min
Delta R.T.: 0.049 min
Response: 1366202
Conc: 12.72 ng/ml



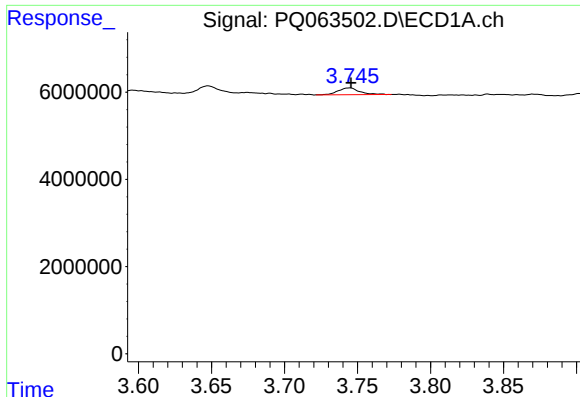
#8 AR-1221-1

R.T.: 3.648 min
Delta R.T.: -0.018 min
Response: 1846384
Conc: 29.45 ng/ml



#8 AR-1221-1

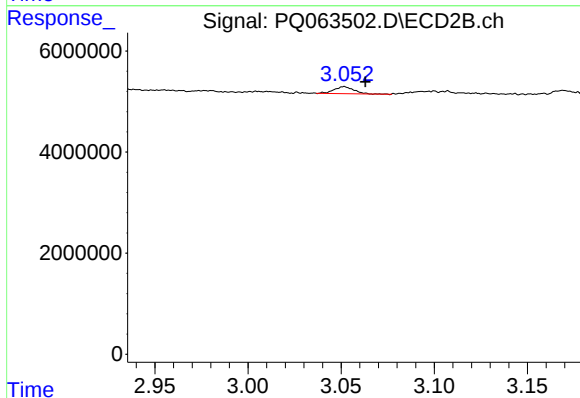
R.T.: 2.927 min
Delta R.T.: -0.058 min
Response: 1190951
Conc: 24.60 ng/ml



#9 AR-1221-2

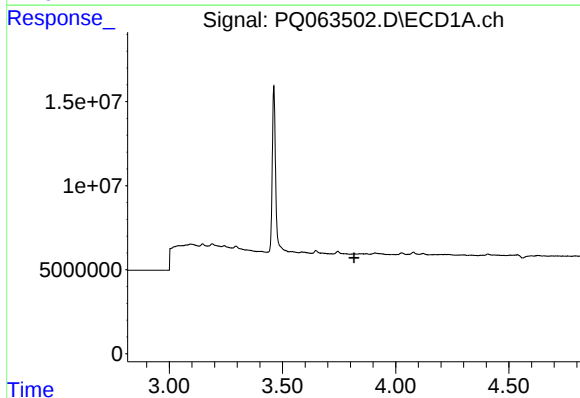
R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 1599923
Conc: 38.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



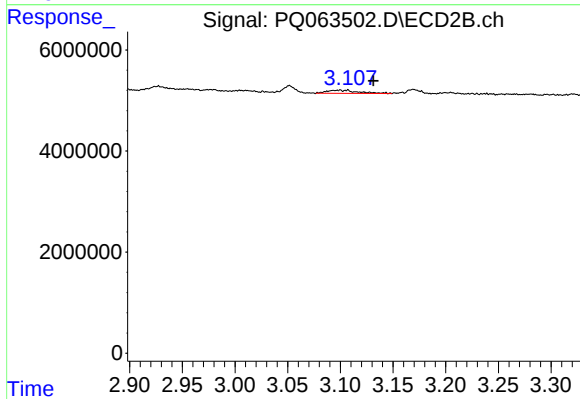
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 1036408
Conc: 31.10 ng/ml



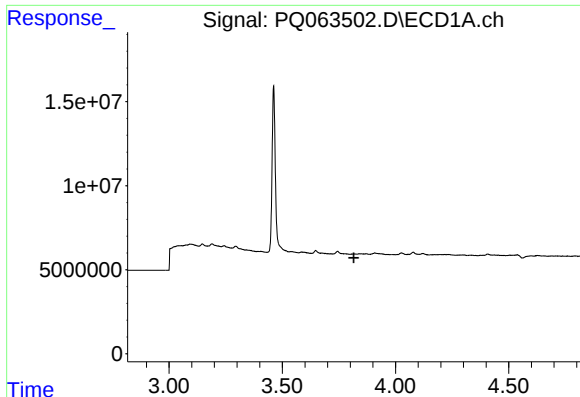
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



#10 AR-1221-3

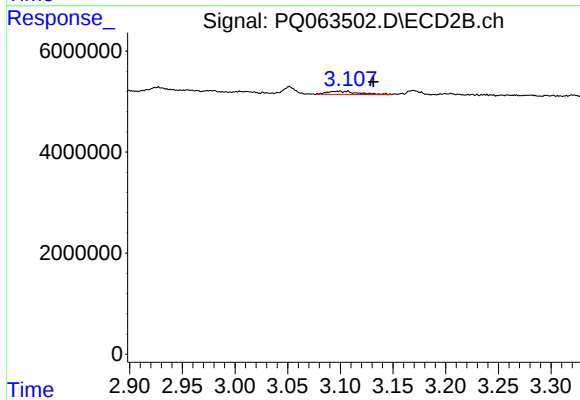
R.T.: 3.099 min
Delta R.T.: -0.032 min
Response: 1241893
Conc: 10.94 ng/ml



#11 AR-1232-1

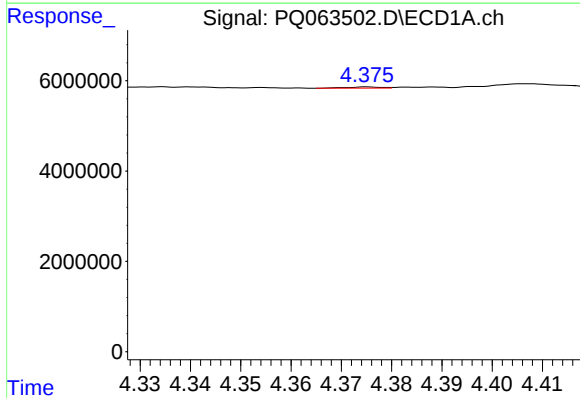
R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



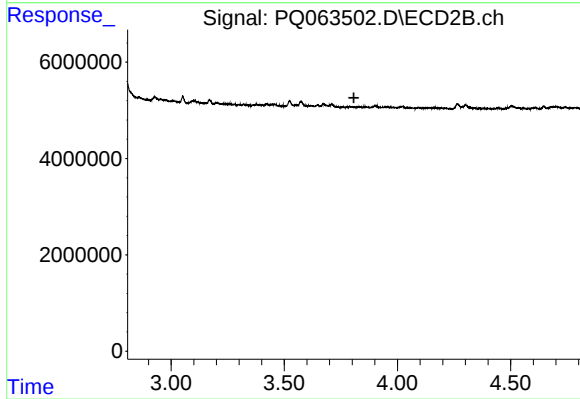
#11 AR-1232-1

R.T.: 3.099 min
Delta R.T.: -0.032 min
Response: 1241893
Conc: 13.23 ng/ml



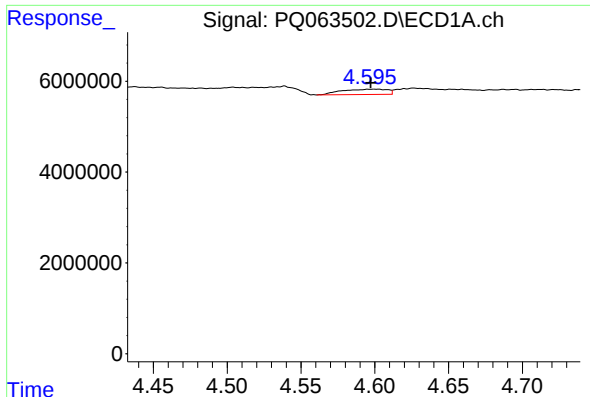
#12 AR-1232-2

R.T.: 4.375 min
Delta R.T.: 0.059 min
Response: 122578
Conc: 2.07 ng/ml



#12 AR-1232-2

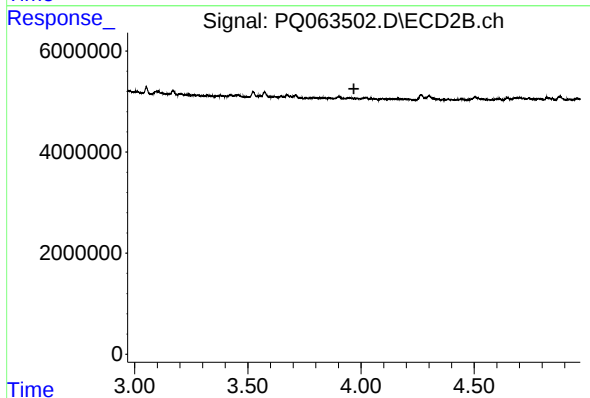
R.T.: 0.000 min
Exp R.T. : 3.808 min
Response: 0
Conc: N.D.



#13 AR-1232-3

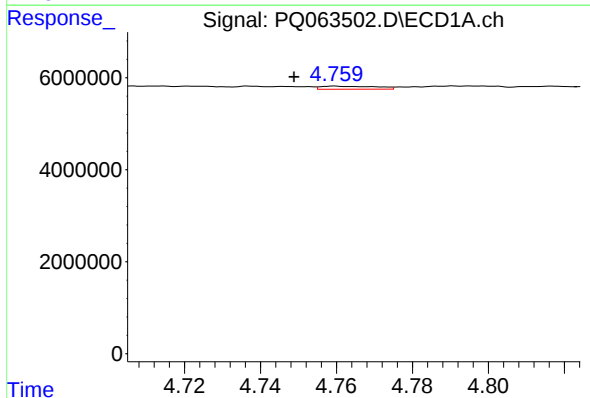
R.T.: 4.601 min
Delta R.T.: 0.004 min
Response: 2532697
Conc: 22.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



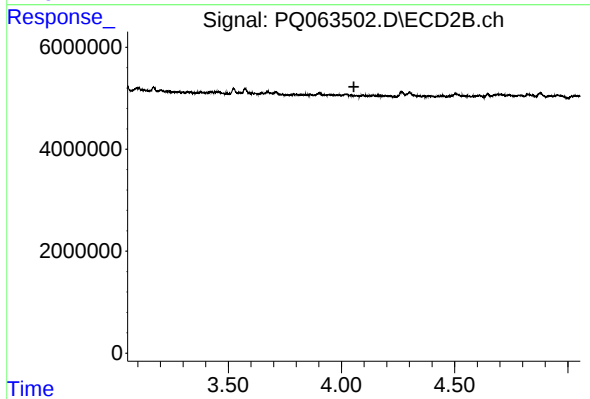
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



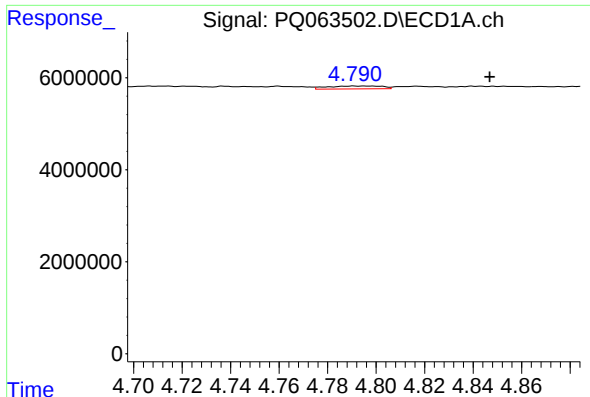
#14 AR-1232-4

R.T.: 4.760 min
Delta R.T.: 0.011 min
Response: 670809
Conc: 11.60 ng/ml



#14 AR-1232-4

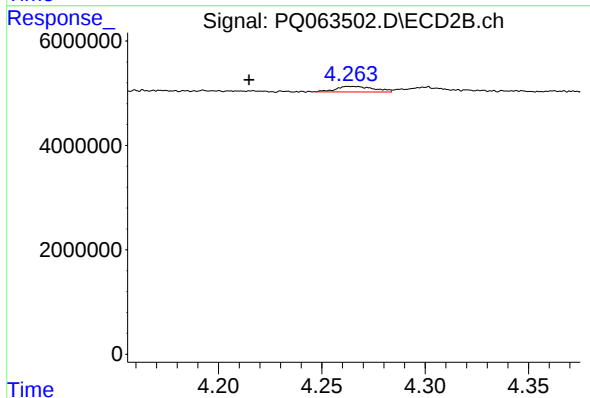
R.T.: 0.000 min
Exp R.T. : 4.055 min
Response: 0
Conc: N.D.



#15 AR-1232-5

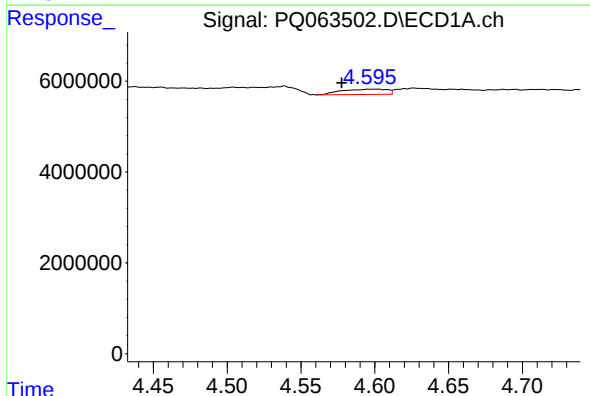
R.T.: 4.791 min
Delta R.T.: -0.056 min
Response: 1002660
Conc: 24.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



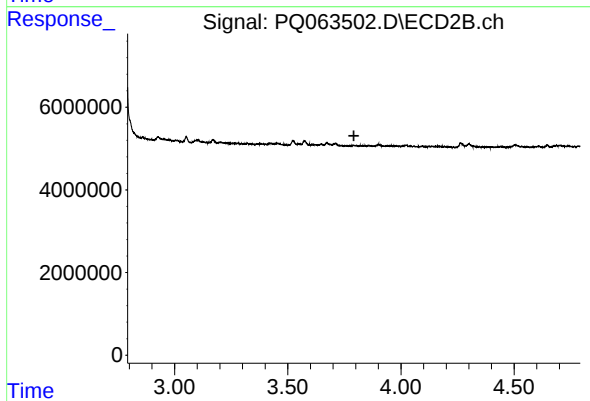
#15 AR-1232-5

R.T.: 4.264 min
Delta R.T.: 0.049 min
Response: 1366202
Conc: 30.26 ng/ml



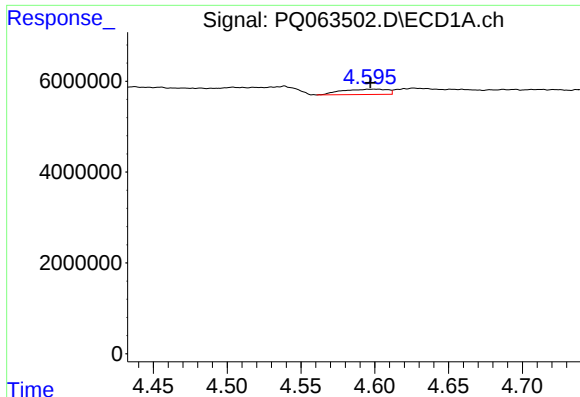
#16 AR-1242-1

R.T.: 4.601 min
Delta R.T.: 0.023 min
Response: 2532697
Conc: 18.19 ng/ml



#16 AR-1242-1

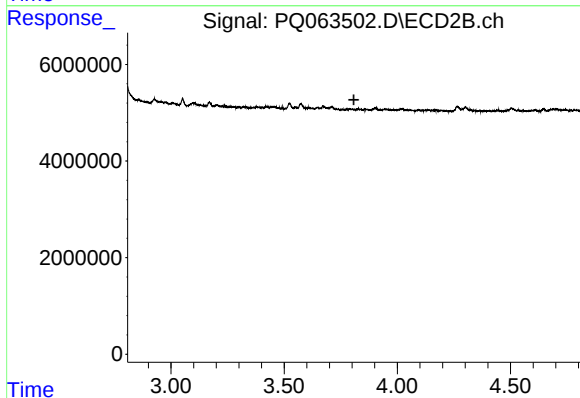
R.T.: 0.000 min
Exp R.T.: 3.792 min
Response: 0
Conc: N.D.



#17 AR-1242-2

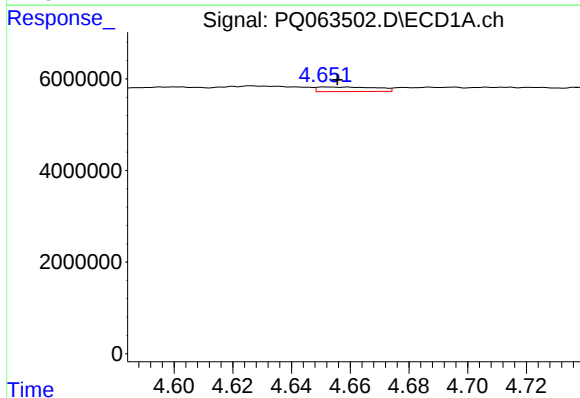
R.T.: 4.601 min
Delta R.T.: 0.004 min
Response: 2532697
Conc: 11.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



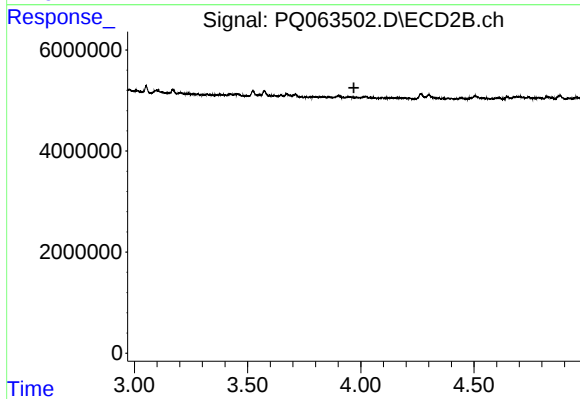
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 3.808 min
Response: 0
Conc: N.D.



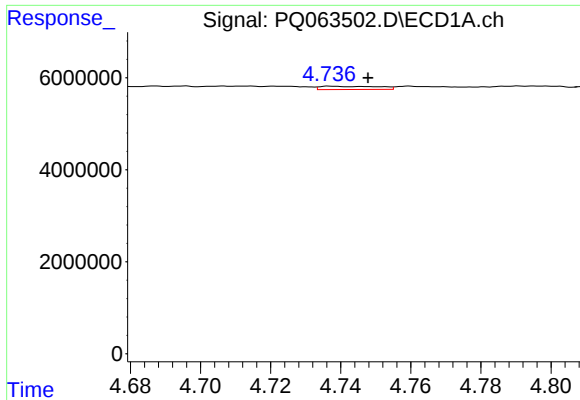
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 1396807
Conc: 10.51 ng/ml



#18 AR-1242-3

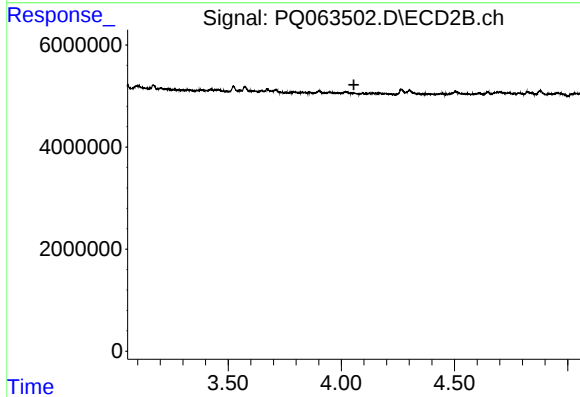
R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



#19 AR-1242-4

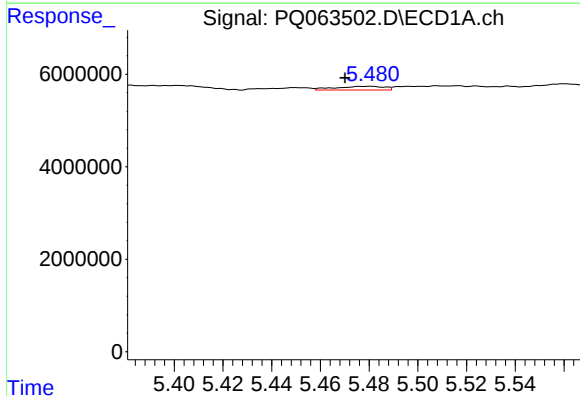
R.T.: 4.737 min
Delta R.T.: -0.011 min
Response: 810802
Conc: 7.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



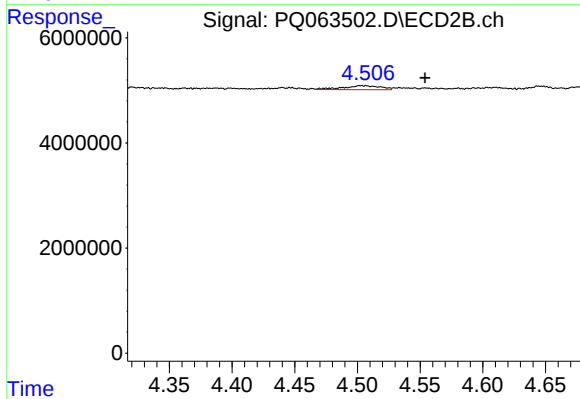
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.056 min
Response: 0
Conc: N.D.



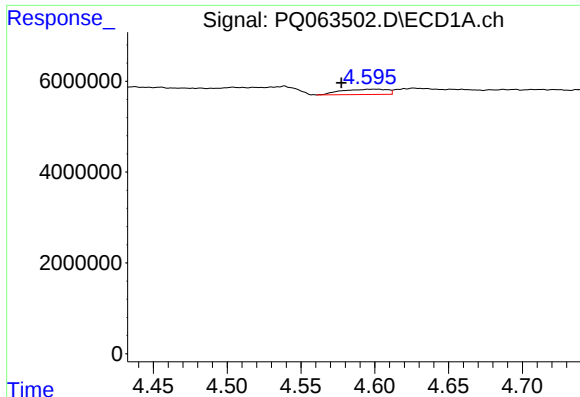
#20 AR-1242-5

R.T.: 5.481 min
Delta R.T.: 0.010 min
Response: 1104682
Conc: 9.52 ng/ml



#20 AR-1242-5

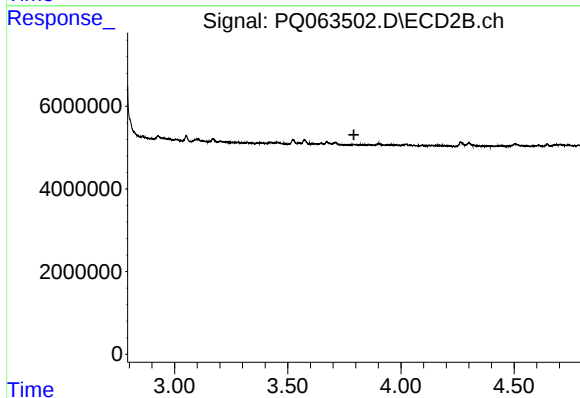
R.T.: 4.506 min
Delta R.T.: -0.048 min
Response: 1573421
Conc: 14.77 ng/ml



#21 AR-1248-1

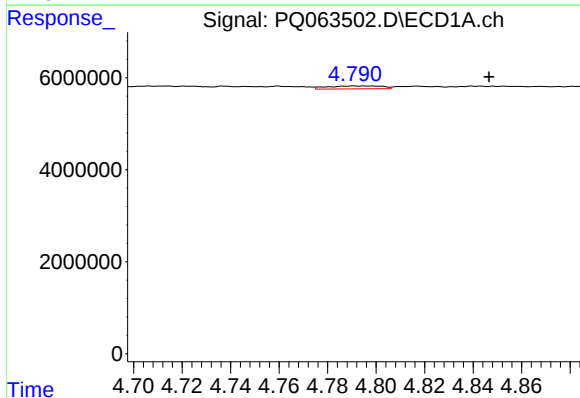
R.T.: 4.601 min
Delta R.T.: 0.024 min
Response: 2532697
Conc: 23.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



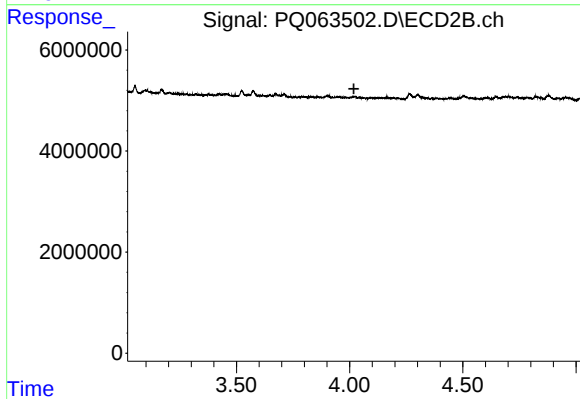
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 3.792 min
Response: 0
Conc: N.D.



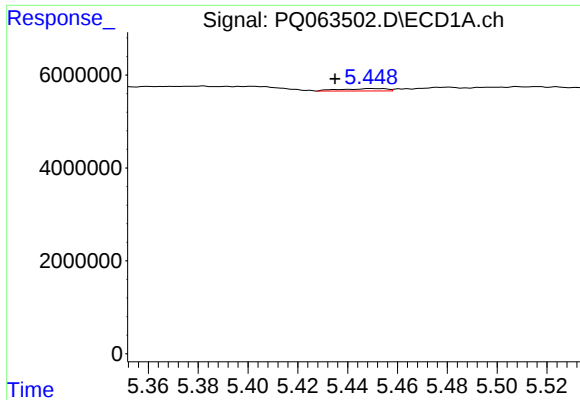
#22 AR-1248-2

R.T.: 4.791 min
Delta R.T.: -0.056 min
Response: 1002660
Conc: 6.55 ng/ml



#22 AR-1248-2

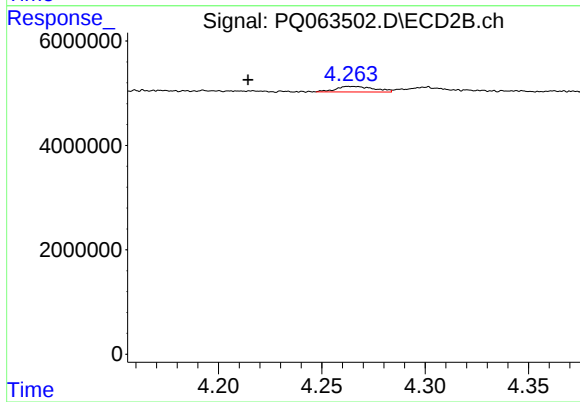
R.T.: 0.000 min
Exp R.T. : 4.019 min
Response: 0
Conc: N.D.



#24 AR-1248-4

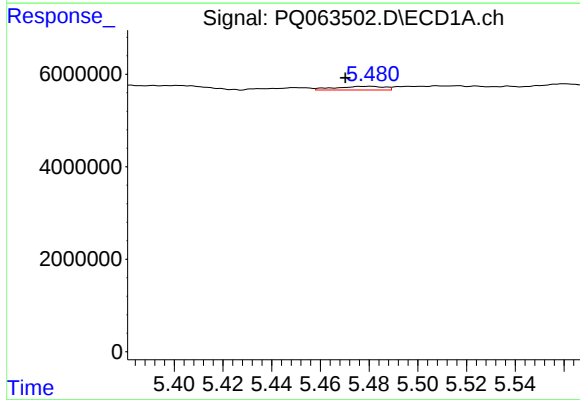
R.T.: 5.450 min
Delta R.T.: 0.015 min
Response: 654921
Conc: 3.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



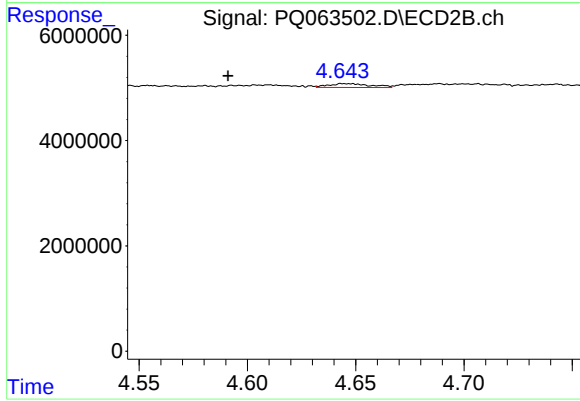
#24 AR-1248-4

R.T.: 4.264 min
Delta R.T.: 0.050 min
Response: 1366202
Conc: 9.00 ng/ml



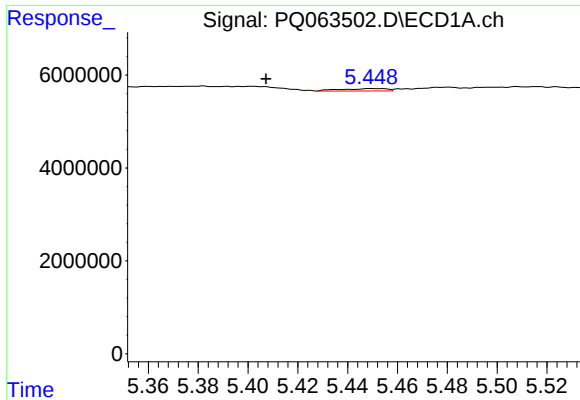
#25 AR-1248-5

R.T.: 5.481 min
Delta R.T.: 0.010 min
Response: 1104682
Conc: 5.51 ng/ml



#25 AR-1248-5

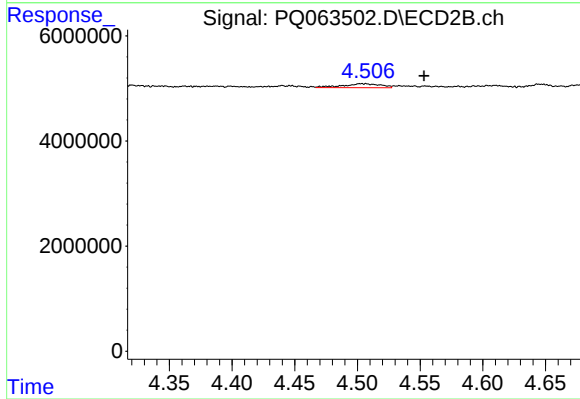
R.T.: 4.645 min
Delta R.T.: 0.054 min
Response: 979559
Conc: 6.45 ng/ml



#26 AR-1254-1

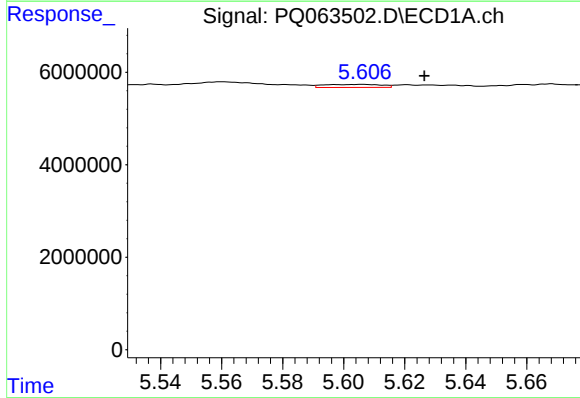
R.T.: 5.450 min
Delta R.T.: 0.042 min
Response: 654921
Conc: 3.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



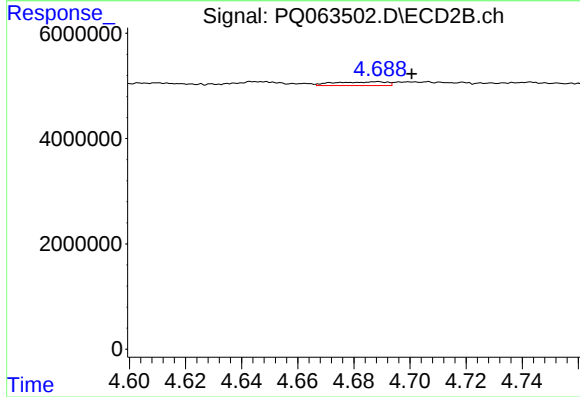
#26 AR-1254-1

R.T.: 4.506 min
Delta R.T.: -0.047 min
Response: 1573421
Conc: 7.13 ng/ml



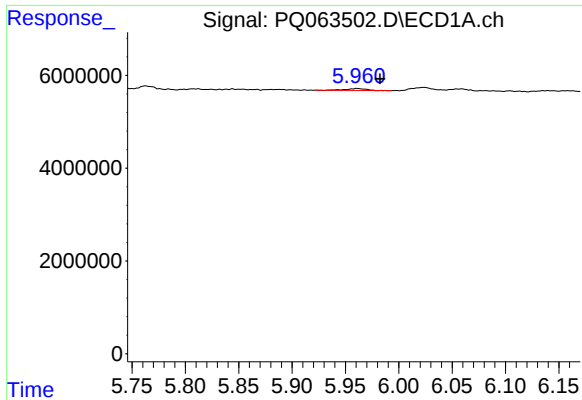
#27 AR-1254-2

R.T.: 5.606 min
Delta R.T.: -0.020 min
Response: 868642
Conc: 2.77 ng/ml



#27 AR-1254-2

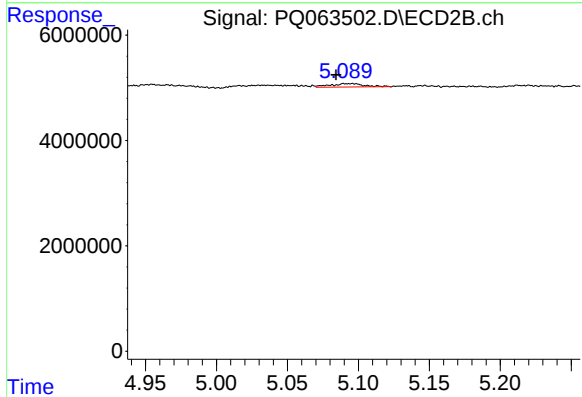
R.T.: 4.688 min
Delta R.T.: -0.012 min
Response: 914032
Conc: 4.71 ng/ml



#28 AR-1254-3

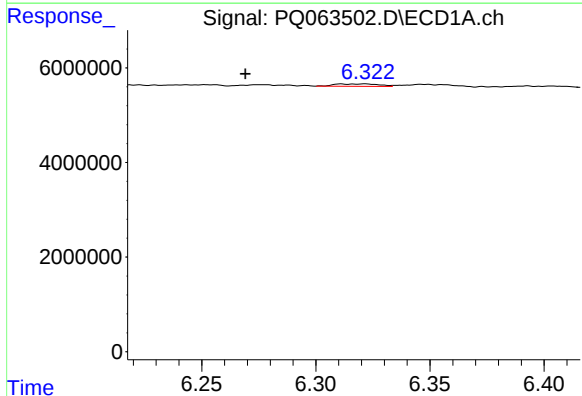
R.T.: 5.961 min
Delta R.T.: -0.021 min
Response: 585339
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



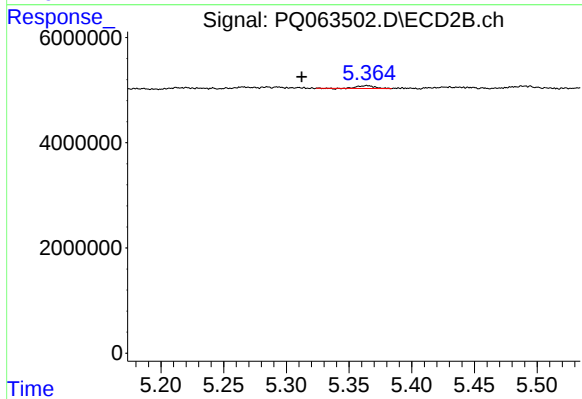
#28 AR-1254-3

R.T.: 5.095 min
Delta R.T.: 0.010 min
Response: 1098962
Conc: 3.60 ng/ml



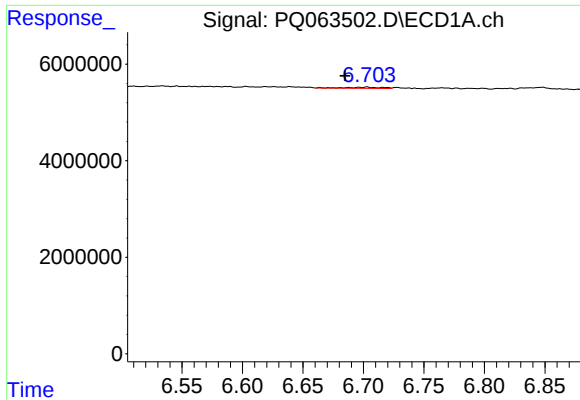
#29 AR-1254-4

R.T.: 6.322 min
Delta R.T.: 0.052 min
Response: 693005
Conc: 2.95 ng/ml



#29 AR-1254-4

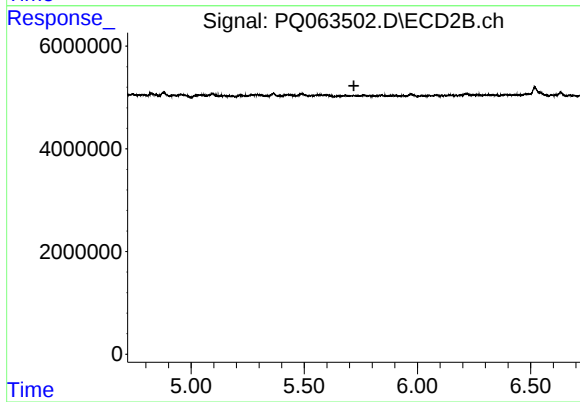
R.T.: 5.364 min
Delta R.T.: 0.052 min
Response: 542582
Conc: 2.78 ng/ml



#30 AR-1254-5

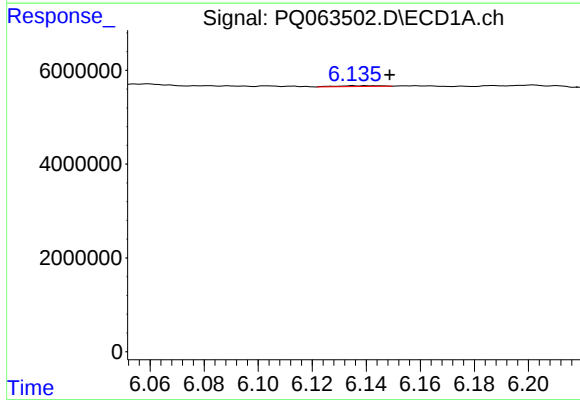
R.T.: 6.703 min
Delta R.T.: 0.018 min
Response: 514519
Conc: 1.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



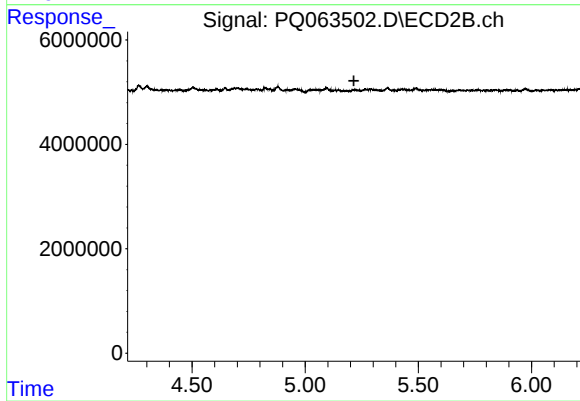
#30 AR-1254-5

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



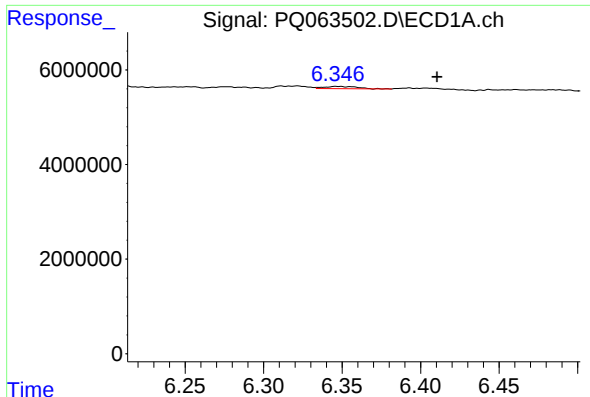
#31 AR-1260-1

R.T.: 6.135 min
Delta R.T.: -0.014 min
Response: 194139
Conc: 0.78 ng/ml



#31 AR-1260-1

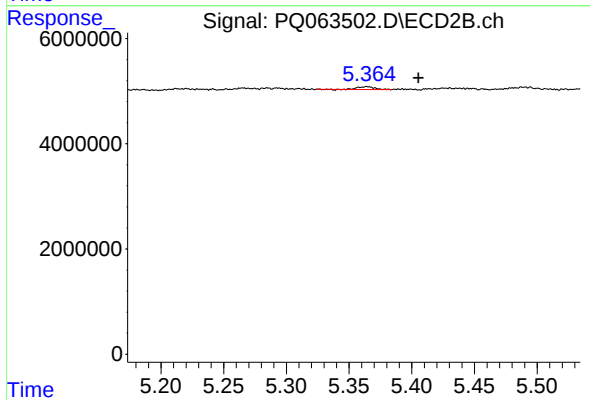
R.T.: 0.000 min
Exp R.T. : 5.215 min
Response: 0
Conc: N.D.



#32 AR-1260-2

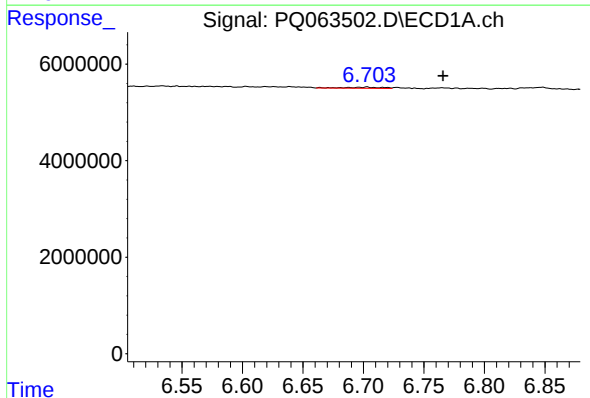
R.T.: 6.346 min
Delta R.T.: -0.064 min
Response: 721448
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



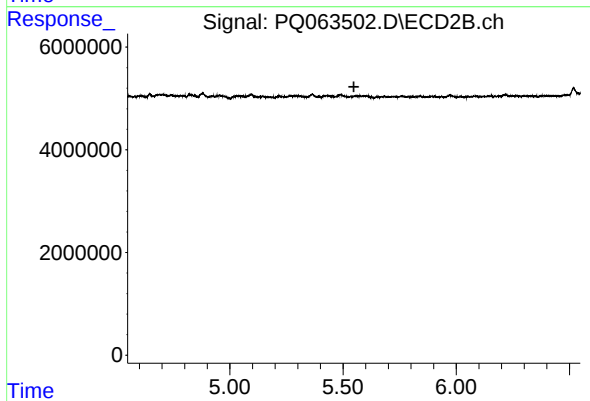
#32 AR-1260-2

R.T.: 5.364 min
Delta R.T.: -0.041 min
Response: 542582
Conc: 2.14 ng/ml



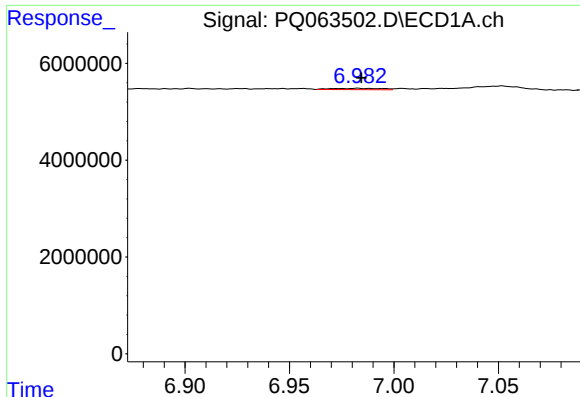
#33 AR-1260-3

R.T.: 6.703 min
Delta R.T.: -0.063 min
Response: 514519
Conc: 2.35 ng/ml



#33 AR-1260-3

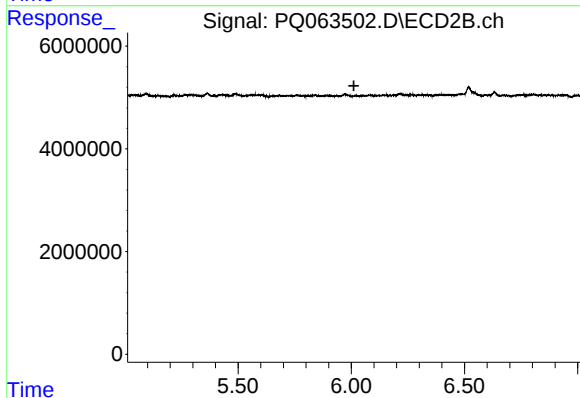
R.T.: 0.000 min
Exp R.T. : 5.548 min
Response: 0
Conc: N.D.



#34 AR-1260-4

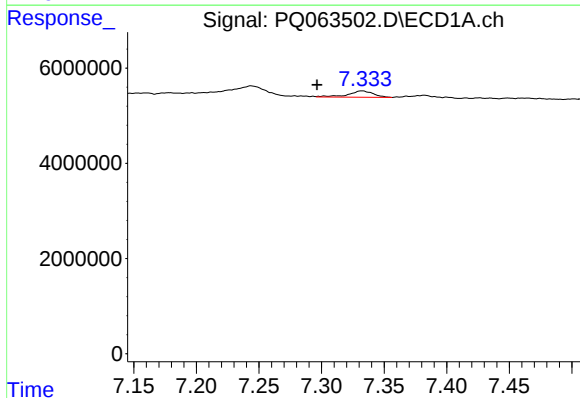
R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 447892
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



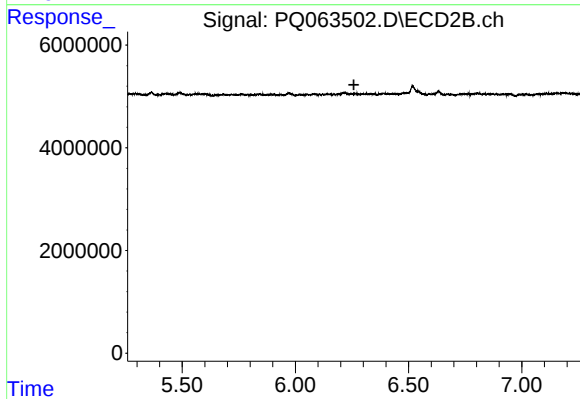
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.011 min
Response: 0
Conc: N.D.



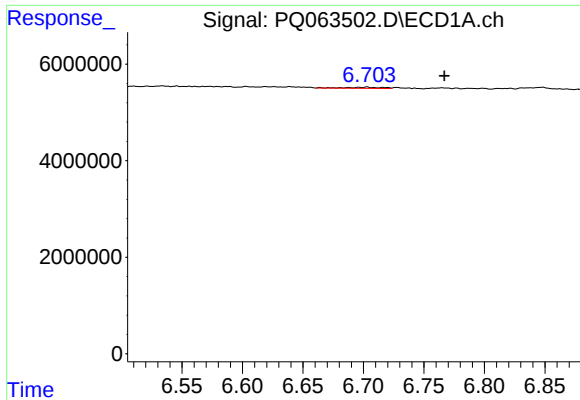
#35 AR-1260-5

R.T.: 7.332 min
Delta R.T.: 0.036 min
Response: 1839598
Conc: 3.86 ng/ml



#35 AR-1260-5

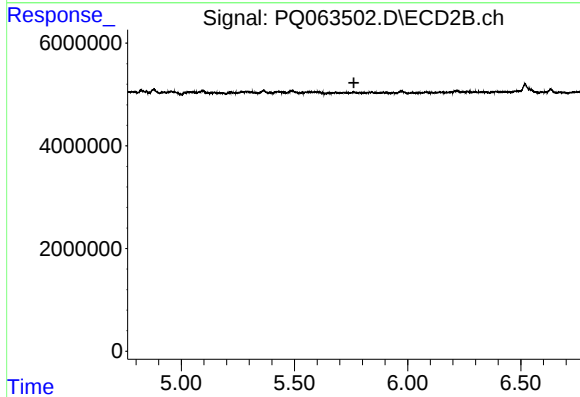
R.T.: 0.000 min
Exp R.T. : 6.259 min
Response: 0
Conc: N.D.



#36 AR-1262-1

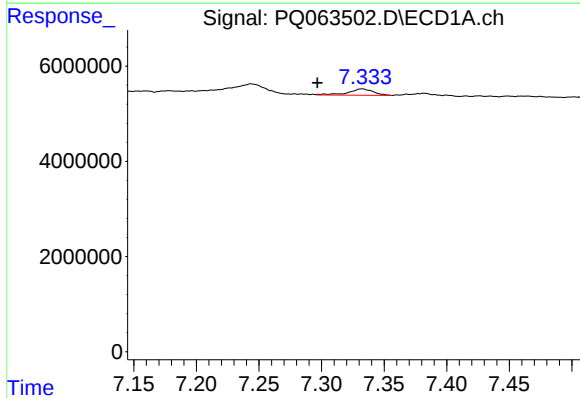
R.T.: 6.703 min
Delta R.T.: -0.064 min
Response: 514519
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



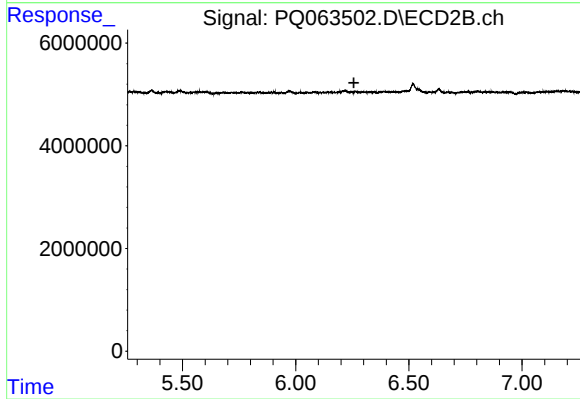
#36 AR-1262-1

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



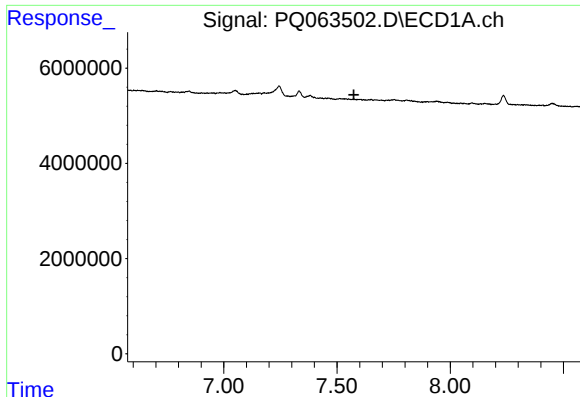
#37 AR-1262-2

R.T.: 7.332 min
Delta R.T.: 0.036 min
Response: 1839598
Conc: 3.38 ng/ml



#37 AR-1262-2

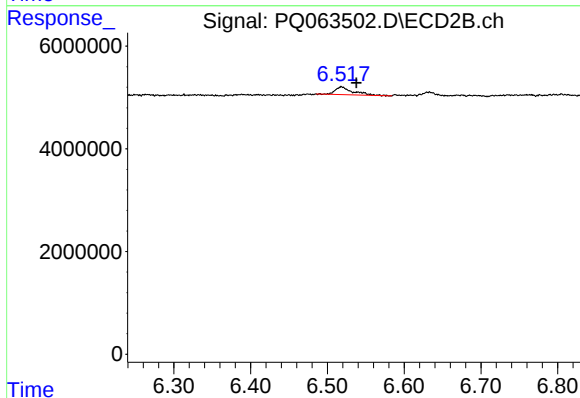
R.T.: 0.000 min
Exp R.T. : 6.257 min
Response: 0
Conc: N.D.



#38 AR-1262-3

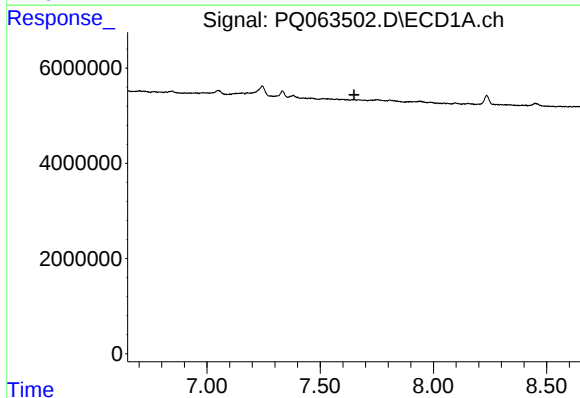
R.T.: 0.000 min
Exp R.T.: 7.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



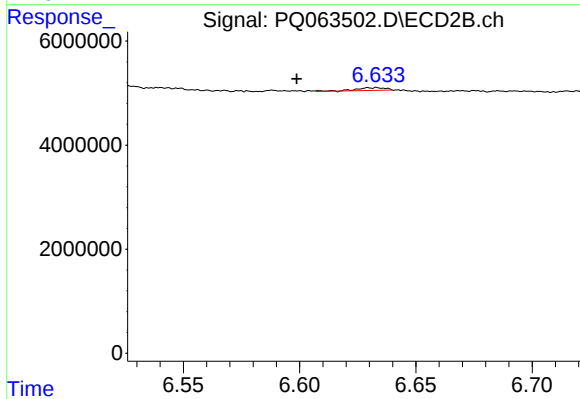
#38 AR-1262-3

R.T.: 6.519 min
Delta R.T.: -0.019 min
Response: 2389109
Conc: 11.14 ng/ml



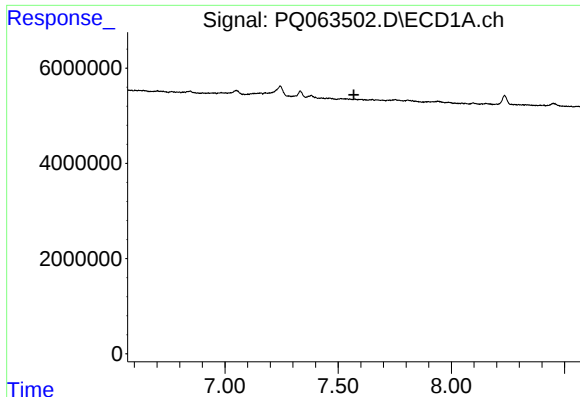
#39 AR-1262-4

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



#39 AR-1262-4

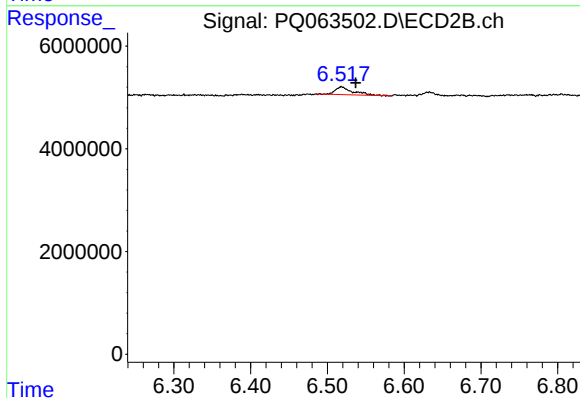
R.T.: 6.633 min
Delta R.T.: 0.034 min
Response: 460875
Conc: 1.18 ng/ml



#41 AR-1268-1

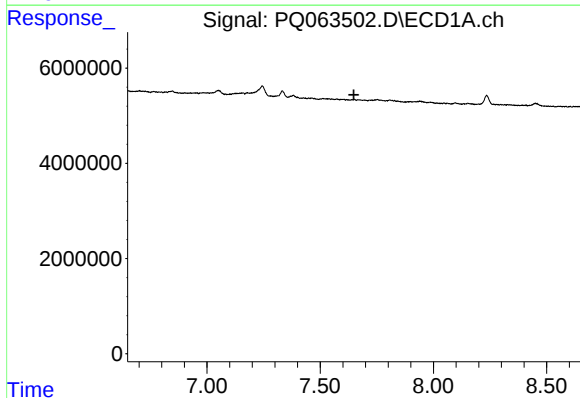
R.T.: 0.000 min
Exp R.T.: 7.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



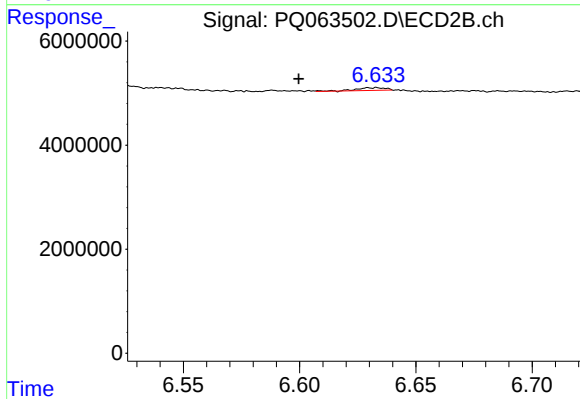
#41 AR-1268-1

R.T.: 6.519 min
Delta R.T.: -0.018 min
Response: 2389109
Conc: 3.96 ng/ml



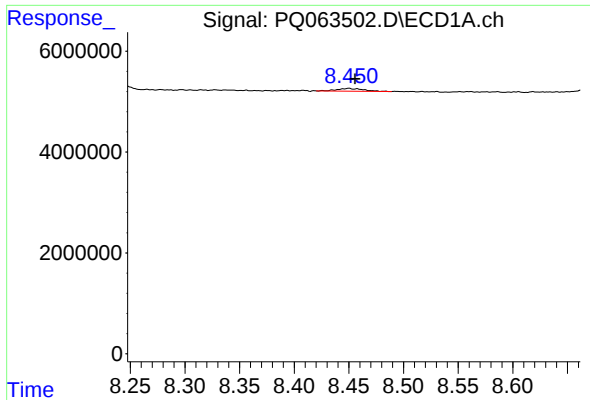
#42 AR-1268-2

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



#42 AR-1268-2

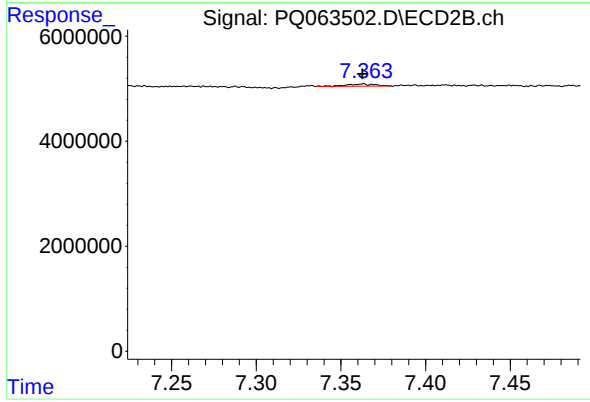
R.T.: 6.633 min
Delta R.T.: 0.033 min
Response: 460875
Conc: 0.85 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.006 min
Response: 880472
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 469117
Conc: 0.33 ng/ml