

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120823\
 Data File : PQ064323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2023 16:08
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 05:20:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.456	2.774	84340463	83764765	20.330	19.952
2)	SA Decachlor...	8.691	7.570	67133980	81733273	22.901	20.250
Target Compounds							
3)	L1 AR-1016-1	4.594	3.785	88237	69693	0.693	0.573
4)	L1 AR-1016-2	4.594	3.785	88237	69693	0.460	0.380
5)	L1 AR-1016-3	0.000	3.962	0	158889	N.D.	1.633 #
6)	L1 AR-1016-4	0.000	4.015	0	186680	N.D.	2.235 #
7)	L1 AR-1016-5	5.056	4.203	365294	40602	3.749	0.401 #
8)	L2 AR-1221-1	3.670	3.000	187298	49883	3.689	0.881 #
9)	L2 AR-1221-2	3.739	3.045	1252550	1293383	34.187	30.704
10)	L2 AR-1221-3	0.000	3.123	0	26289	N.D.	0.206 #
11)	L3 AR-1232-1	0.000	3.123	0	26289	N.D.	0.273 #
12)	L3 AR-1232-2	4.316	3.785	665781	69693	13.648	0.834 #
13)	L3 AR-1232-3	4.594	3.962	88237	158889	1.034	3.569 #
14)	L3 AR-1232-4	0.000	4.045	0	76756	N.D.	2.009 #
15)	L3 AR-1232-5	4.847	4.203	247890	40602	8.107	0.954 #
16)	L4 AR-1242-1	4.594	3.785	88237	69693	0.851	0.672
17)	L4 AR-1242-2	4.594	3.785	88237	69693	0.569	0.451
18)	L4 AR-1242-3	0.000	3.962	0	158889	N.D.	1.937 #
19)	L4 AR-1242-4	0.000	4.045	0	76756	N.D.	0.984 #
20)	L4 AR-1242-5	5.472	4.553	299066	65579	3.603	0.680 #
21)	L5 AR-1248-1	4.594	3.785	88237	69693	1.133	0.861
22)	L5 AR-1248-2	4.847	4.015	247890	186680	2.221	1.523 #
23)	L5 AR-1248-3	5.056	4.045	365294	76756	2.745	0.658 #
24)	L5 AR-1248-4	5.428	4.203	863578	40602	6.034	0.290 #
25)	L5 AR-1248-5	5.472	4.589	299066	86354	2.133	0.649 #
26)	L6 AR-1254-1	5.428f	4.553	863578	65579	5.638	0.313 #
27)	L6 AR-1254-2	0.000	4.690	0	92502	N.D.	0.500 #
28)	L6 AR-1254-3	5.958	5.072	831079	952552	3.381	3.367
29)	L6 AR-1254-4	6.268	5.316	560299	416064	3.225	2.241 #
30)	L6 AR-1254-5	0.000	5.686	0	188222	N.D.	0.725 #
31)	L7 AR-1260-1	0.000	5.208	0	209042	N.D.	1.081 #
32)	L7 AR-1260-2	6.404	5.398	196447	489965	0.906	2.105 #
33)	L7 AR-1260-3	0.000	5.528	0	72706	N.D.	0.334 #
34)	L7 AR-1260-4	7.006f	6.016	205521	160892	1.198	0.873 #
35)	L7 AR-1260-5	7.246f	6.259	1123831	241123	3.326	0.556 #
36)	L8 AR-1262-1	0.000	5.808	0	241362	N.D.	2.119 #
37)	L8 AR-1262-2	7.246f	6.016	1123831	160892	2.803	0.632 #
38)	L8 AR-1262-3	0.000	6.550	0	460723	N.D.	2.046 #
39)	L8 AR-1262-4	7.651	6.606	40530	170147	0.192	0.393 #
41)	L9 AR-1268-1	0.000	6.550	0	460723	N.D.	0.700 #
42)	L9 AR-1268-2	7.651	6.606	40530	170147	0.093	0.274 #

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 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	7.824	6.790	131717	1300318	0.349	2.031 #
45)	L9 AR-1268-5	8.455	7.353	414598	504024	0.381	0.267 #

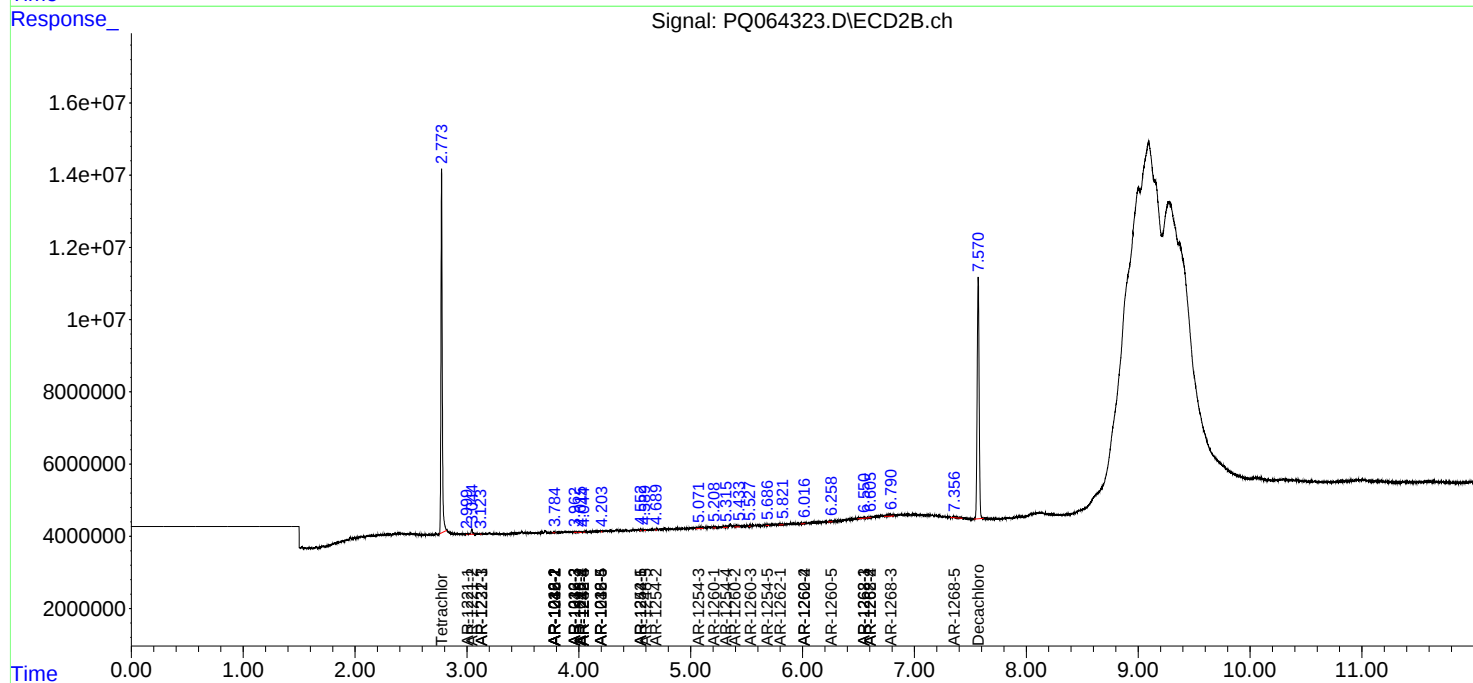
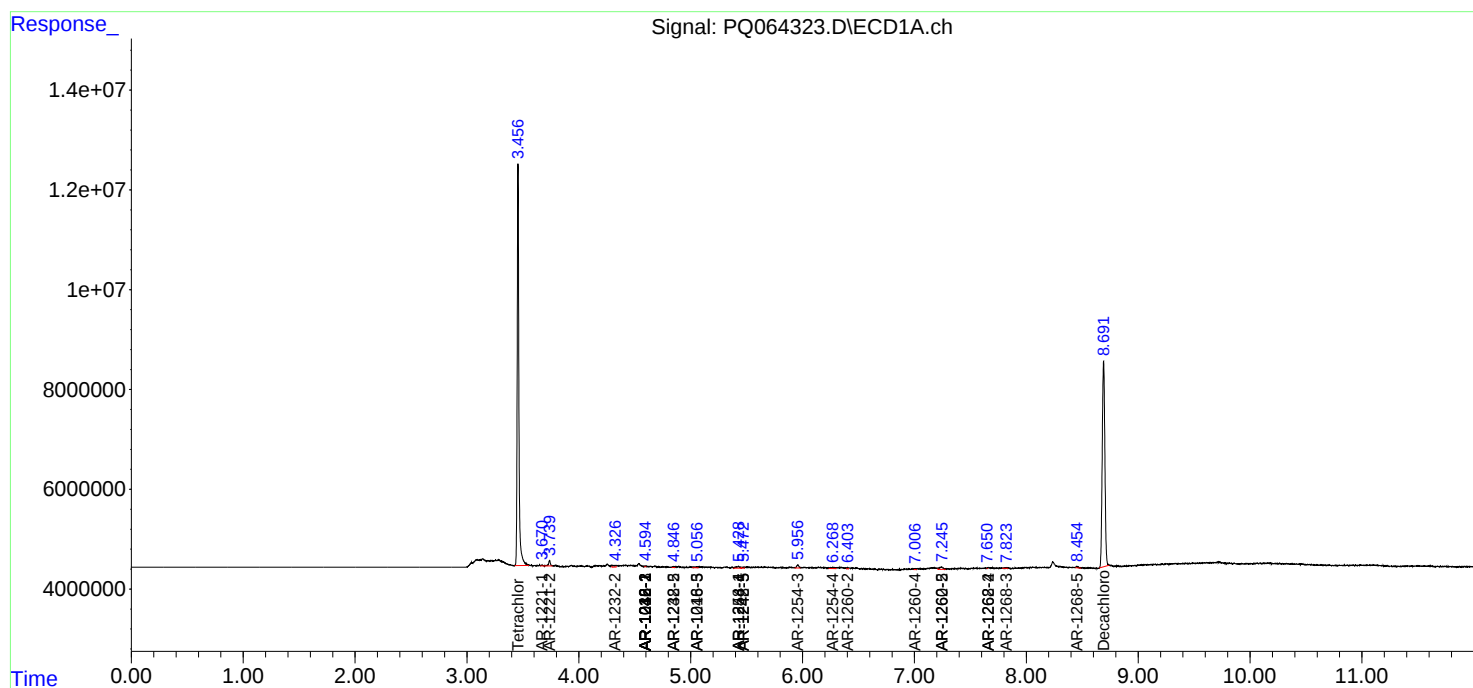
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

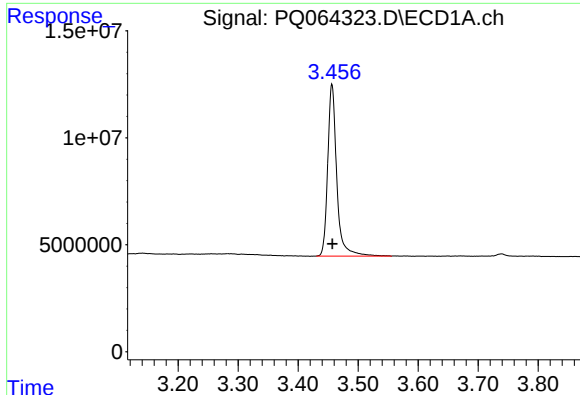
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

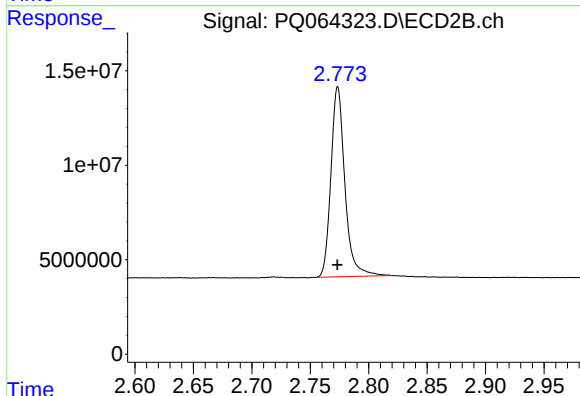




#1 Tetrachloro-m-xylene

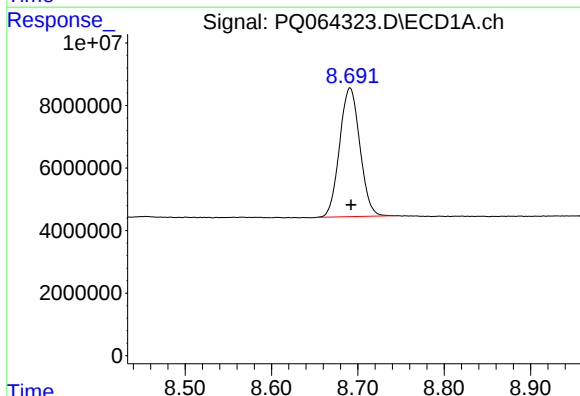
R.T.: 3.456 min
Delta R.T.: 0.000 min
Response: 84340463
Conc: 20.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



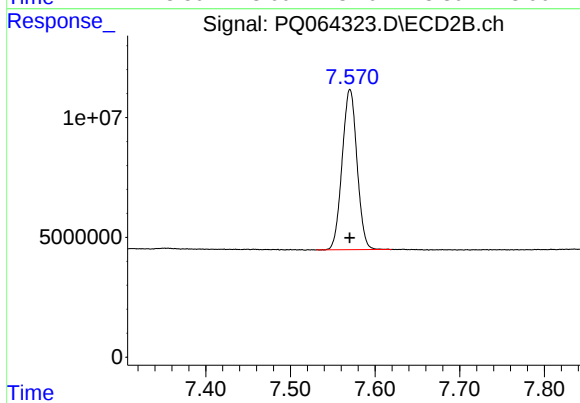
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 83764765
Conc: 19.95 ng/ml



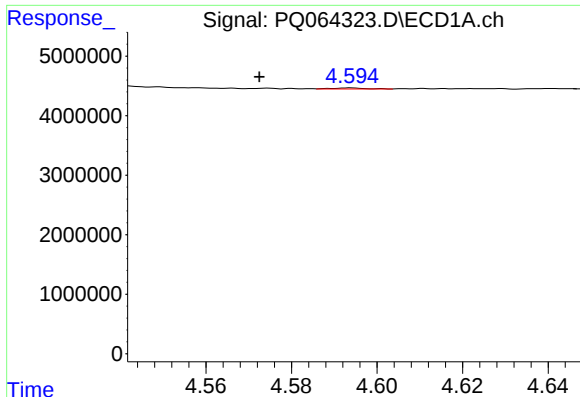
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.001 min
Response: 67133980
Conc: 22.90 ng/ml



#2 Decachlorobiphenyl

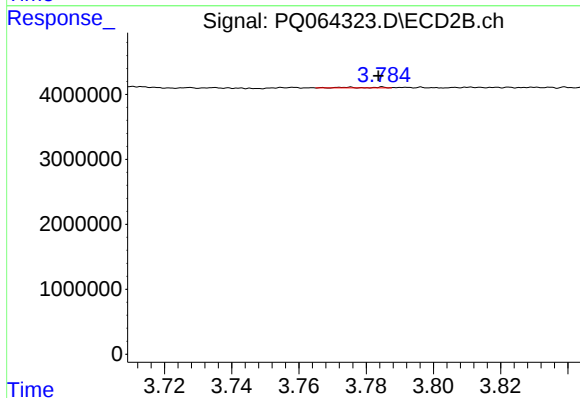
R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 81733273
Conc: 20.25 ng/ml



#3 AR-1016-1

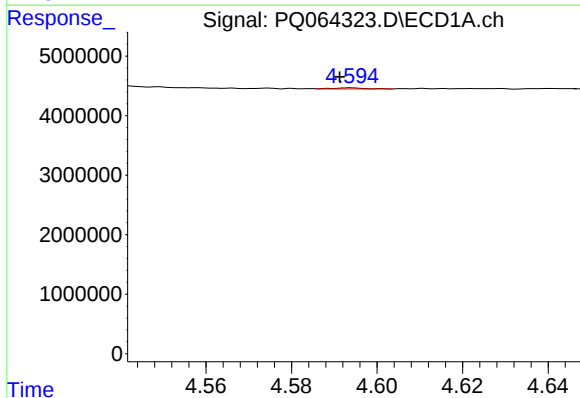
R.T.: 4.594 min
Delta R.T.: 0.021 min
Response: 88237
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



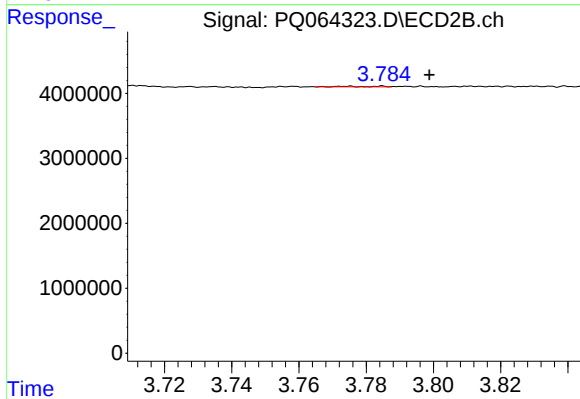
#3 AR-1016-1

R.T.: 3.785 min
Delta R.T.: 0.001 min
Response: 69693
Conc: 0.57 ng/ml



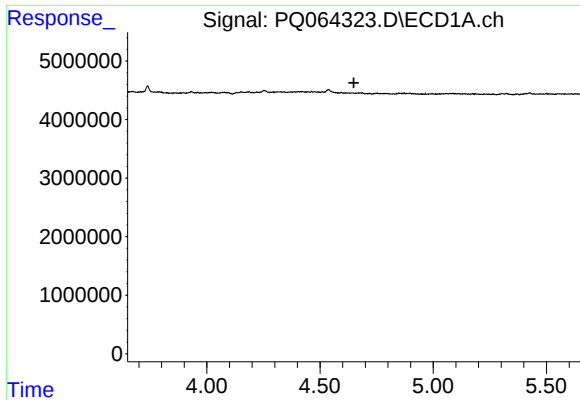
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.003 min
Response: 88237
Conc: 0.46 ng/ml



#4 AR-1016-2

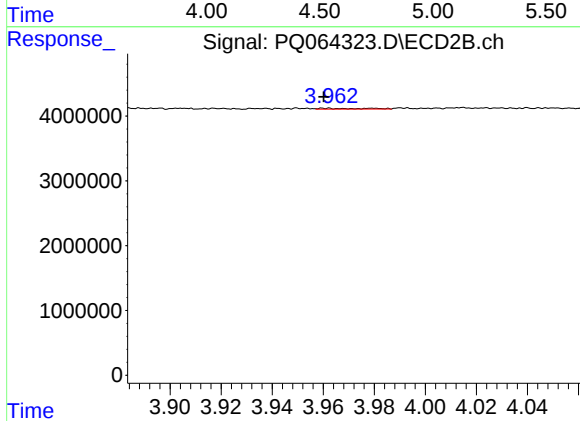
R.T.: 3.785 min
Delta R.T.: -0.014 min
Response: 69693
Conc: 0.38 ng/ml



#5 AR-1016-3

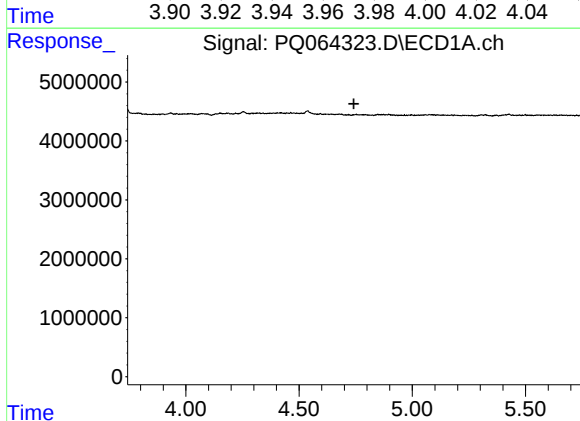
R.T.: 0.000 min
Exp R.T. : 4.650 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



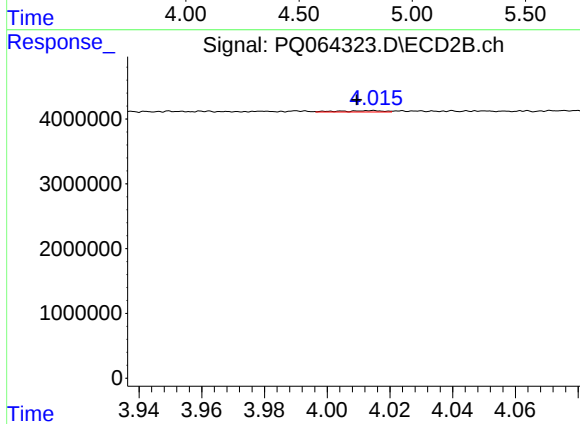
#5 AR-1016-3

R.T.: 3.962 min
Delta R.T.: 0.002 min
Response: 158889
Conc: 1.63 ng/ml



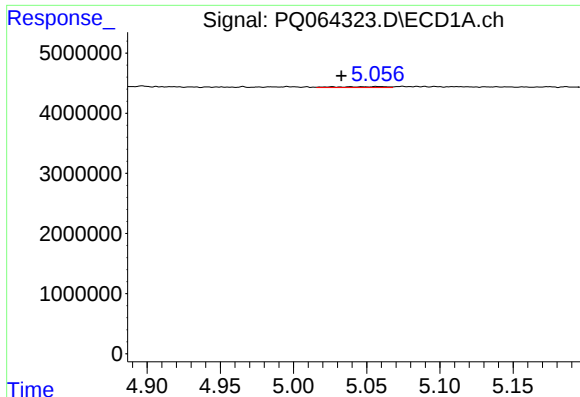
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 4.742 min
Response: 0
Conc: N.D.



#6 AR-1016-4

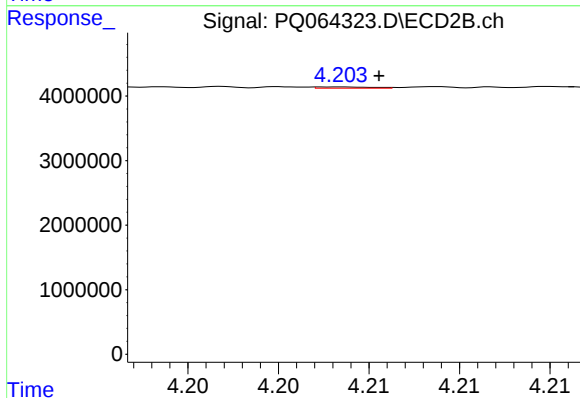
R.T.: 4.015 min
Delta R.T.: 0.005 min
Response: 186680
Conc: 2.24 ng/ml



#7 AR-1016-5

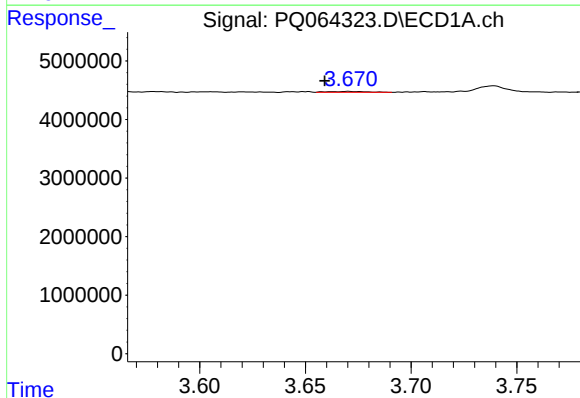
R.T.: 5.056 min
Delta R.T.: 0.024 min
Response: 365294
Conc: 3.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



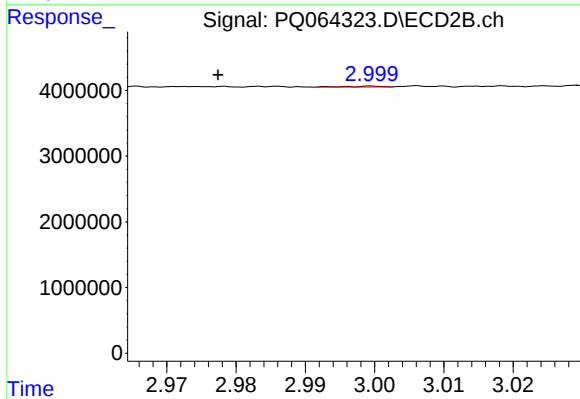
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 40602
Conc: 0.40 ng/ml



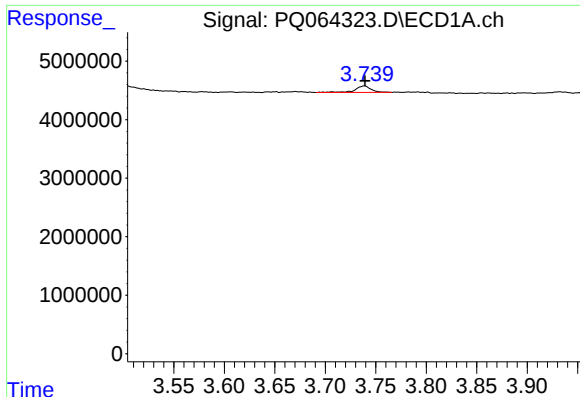
#8 AR-1221-1

R.T.: 3.670 min
Delta R.T.: 0.011 min
Response: 187298
Conc: 3.69 ng/ml



#8 AR-1221-1

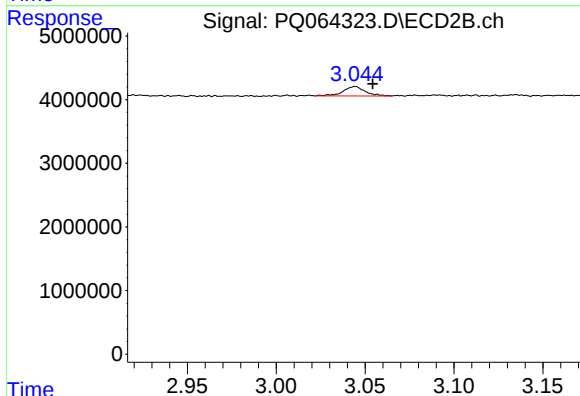
R.T.: 3.000 min
Delta R.T.: 0.022 min
Response: 49883
Conc: 0.88 ng/ml



#9 AR-1221-2

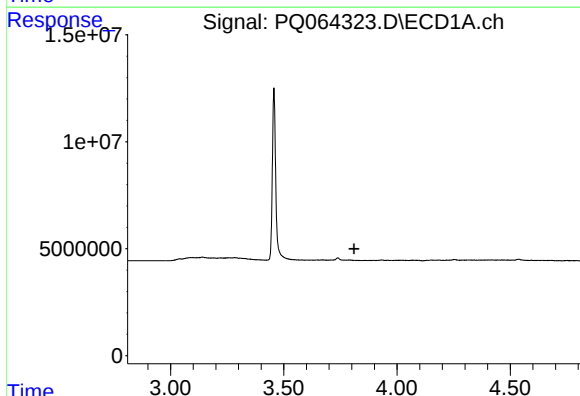
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 1252550
Conc: 34.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



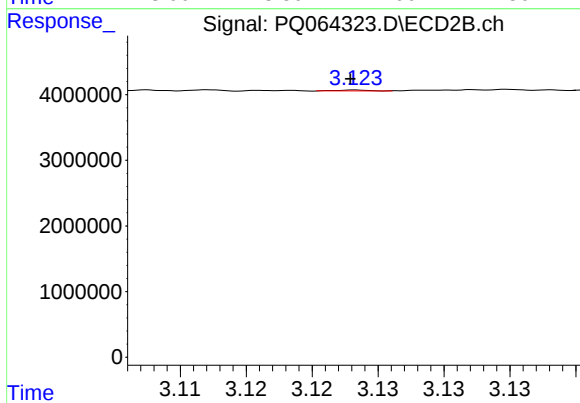
#9 AR-1221-2

R.T.: 3.045 min
Delta R.T.: -0.010 min
Response: 1293383
Conc: 30.70 ng/ml



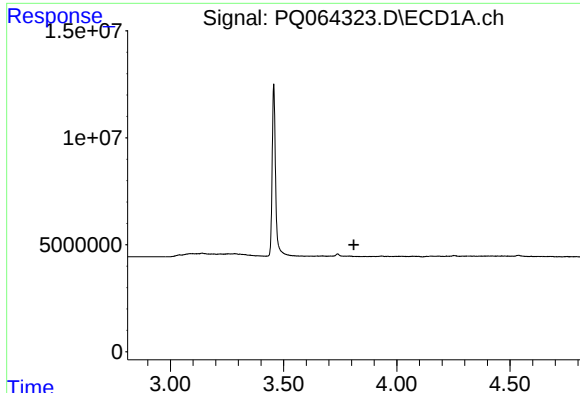
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.810 min
Response: 0
Conc: N.D.



#10 AR-1221-3

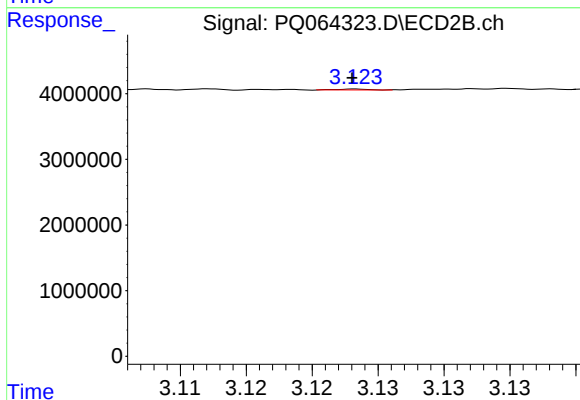
R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 26289
Conc: 0.21 ng/ml



#11 AR-1232-1

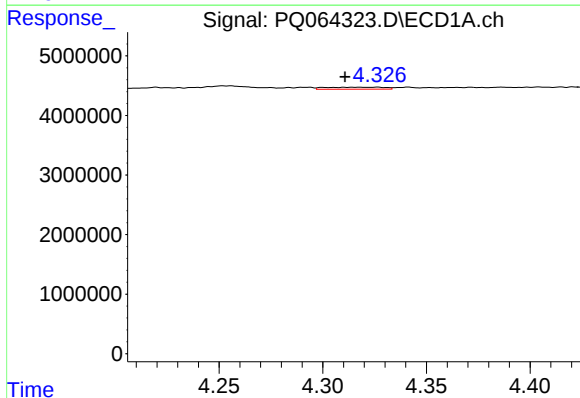
R.T.: 0.000 min
Exp R.T.: 3.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



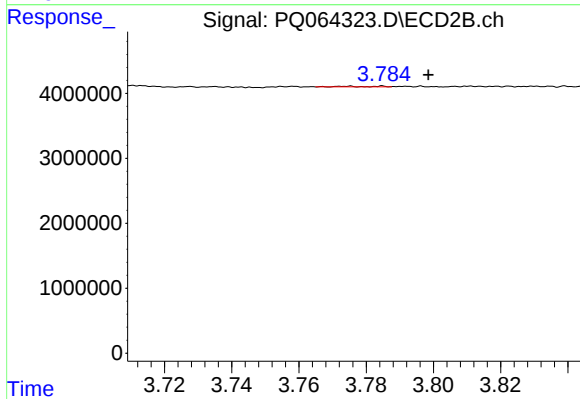
#11 AR-1232-1

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 26289
Conc: 0.27 ng/ml



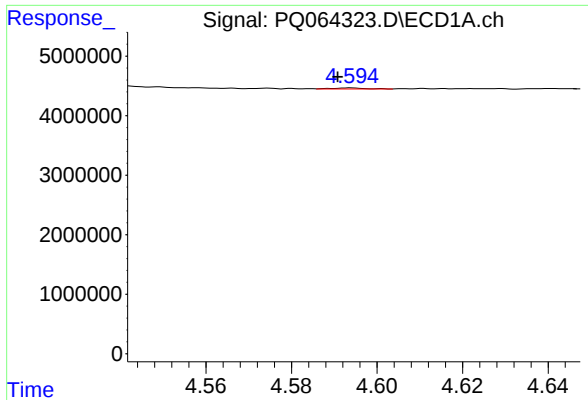
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.005 min
Response: 665781
Conc: 13.65 ng/ml



#12 AR-1232-2

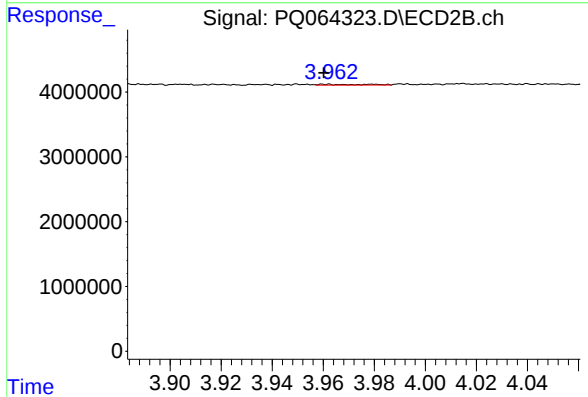
R.T.: 3.785 min
Delta R.T.: -0.014 min
Response: 69693
Conc: 0.83 ng/ml



#13 AR-1232-3

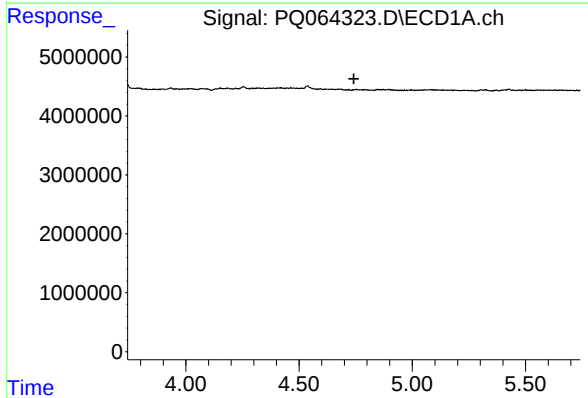
R.T.: 4.594 min
Delta R.T.: 0.003 min
Response: 88237
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



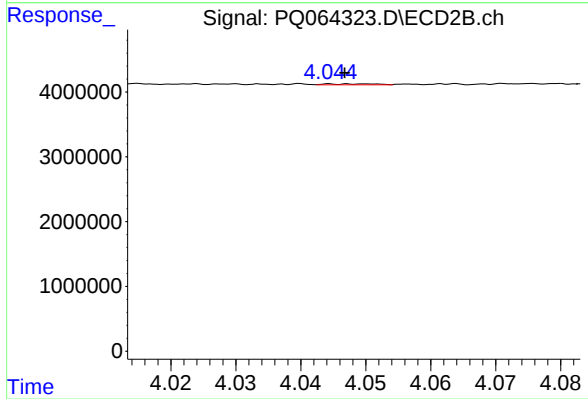
#13 AR-1232-3

R.T.: 3.962 min
Delta R.T.: 0.002 min
Response: 158889
Conc: 3.57 ng/ml



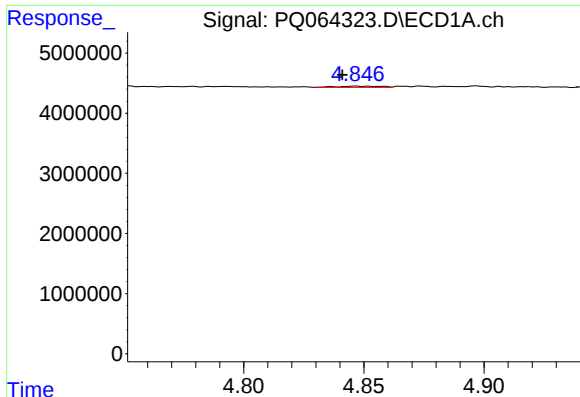
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.742 min
Response: 0
Conc: N.D.



#14 AR-1232-4

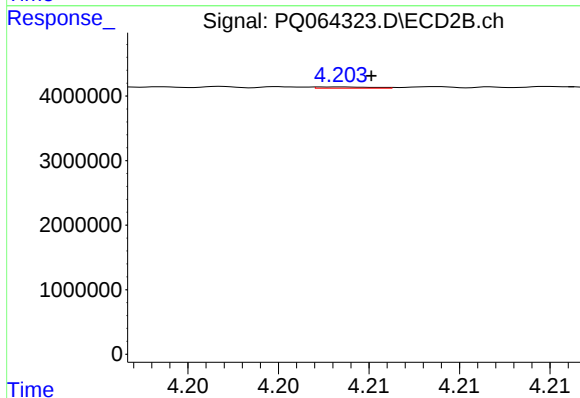
R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 76756
Conc: 2.01 ng/ml



#15 AR-1232-5

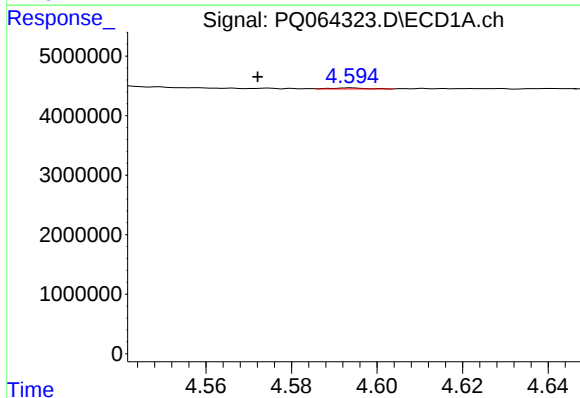
R.T.: 4.847 min
Delta R.T.: 0.005 min
Response: 247890
Conc: 8.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



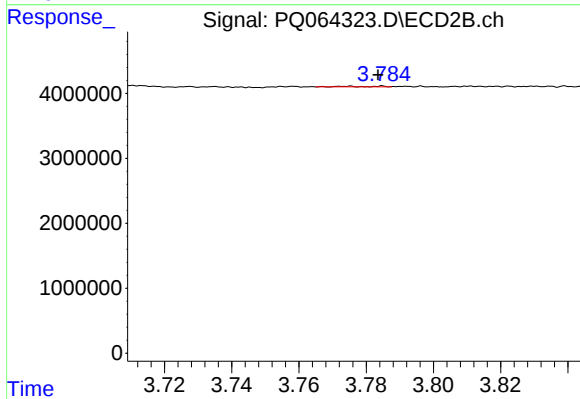
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 40602
Conc: 0.95 ng/ml



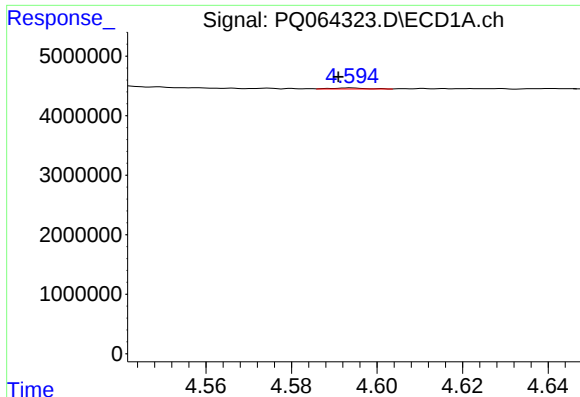
#16 AR-1242-1

R.T.: 4.594 min
Delta R.T.: 0.022 min
Response: 88237
Conc: 0.85 ng/ml



#16 AR-1242-1

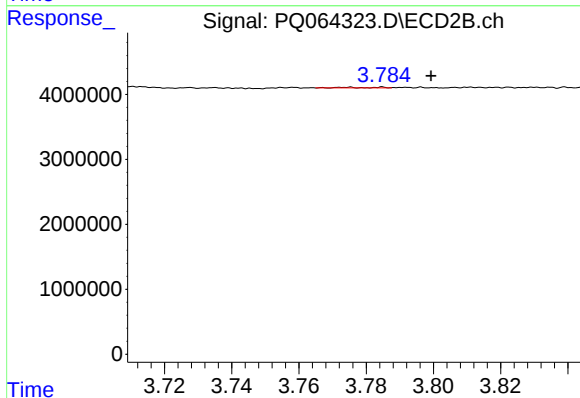
R.T.: 3.785 min
Delta R.T.: 0.001 min
Response: 69693
Conc: 0.67 ng/ml



#17 AR-1242-2

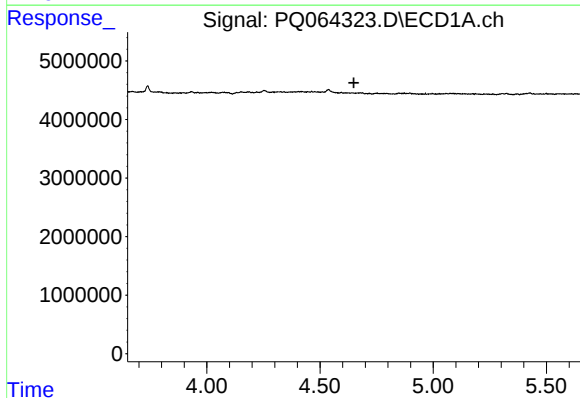
R.T.: 4.594 min
Delta R.T.: 0.003 min
Response: 88237
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



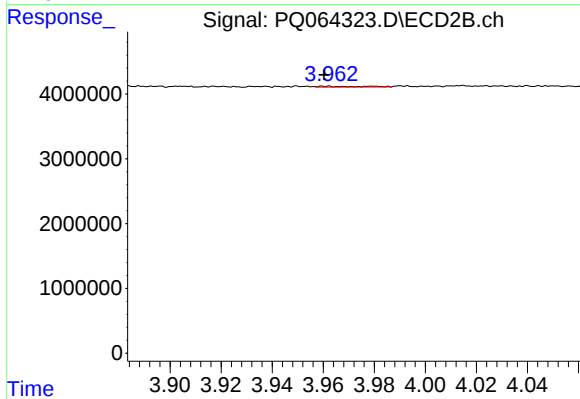
#17 AR-1242-2

R.T.: 3.785 min
Delta R.T.: -0.014 min
Response: 69693
Conc: 0.45 ng/ml



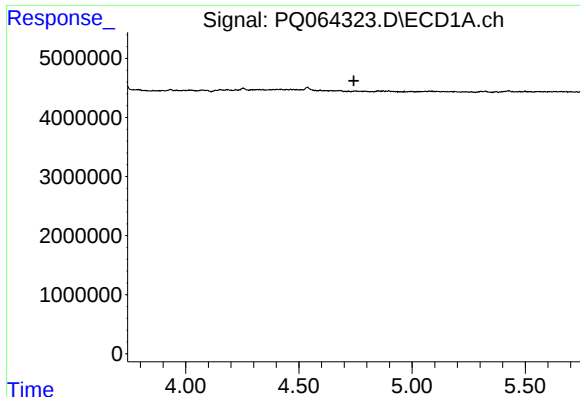
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.649 min
Response: 0
Conc: N.D.



#18 AR-1242-3

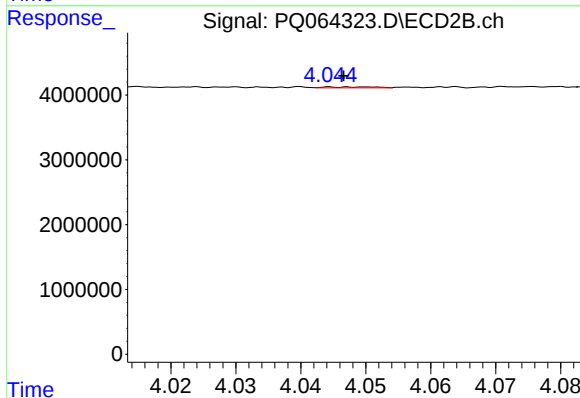
R.T.: 3.962 min
Delta R.T.: 0.002 min
Response: 158889
Conc: 1.94 ng/ml



#19 AR-1242-4

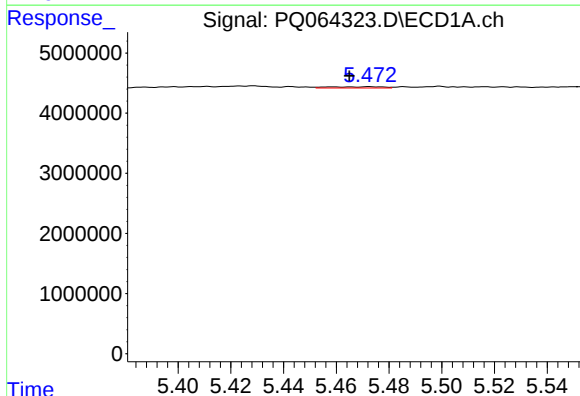
R.T.: 0.000 min
Exp R.T.: 4.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



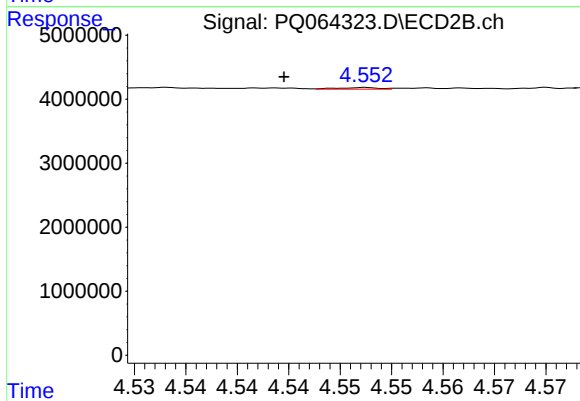
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 76756
Conc: 0.98 ng/ml



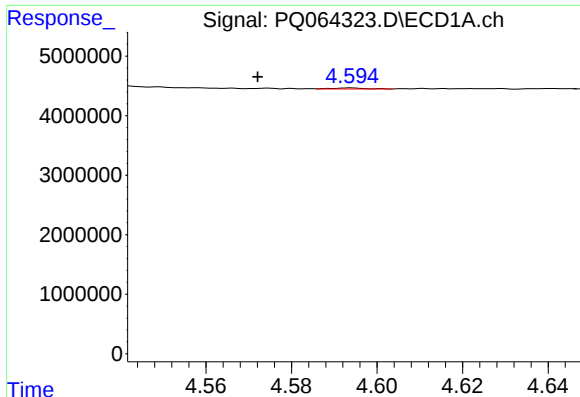
#20 AR-1242-5

R.T.: 5.472 min
Delta R.T.: 0.007 min
Response: 299066
Conc: 3.60 ng/ml



#20 AR-1242-5

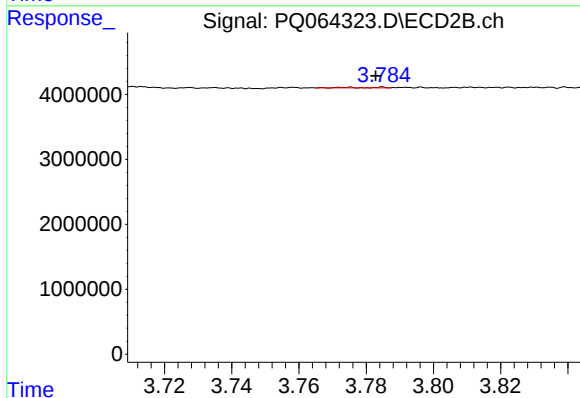
R.T.: 4.553 min
Delta R.T.: 0.008 min
Response: 65579
Conc: 0.68 ng/ml



#21 AR-1248-1

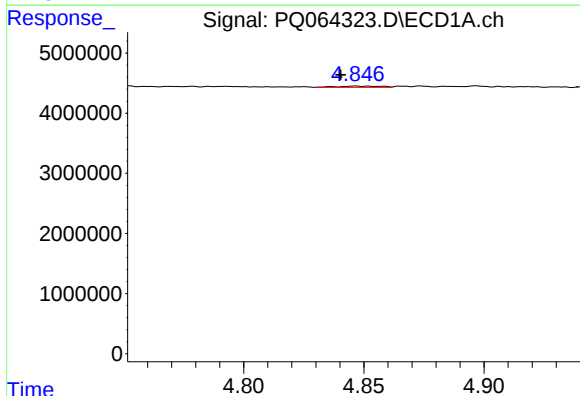
R.T.: 4.594 min
Delta R.T.: 0.022 min
Response: 88237
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



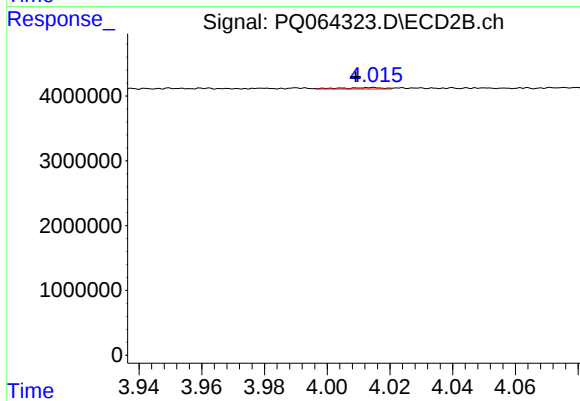
#21 AR-1248-1

R.T.: 3.785 min
Delta R.T.: 0.002 min
Response: 69693
Conc: 0.86 ng/ml



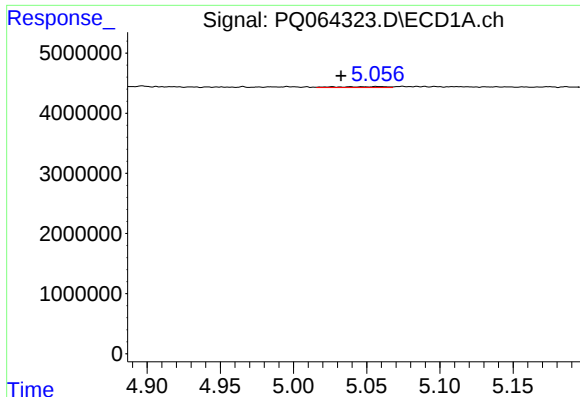
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.006 min
Response: 247890
Conc: 2.22 ng/ml



#22 AR-1248-2

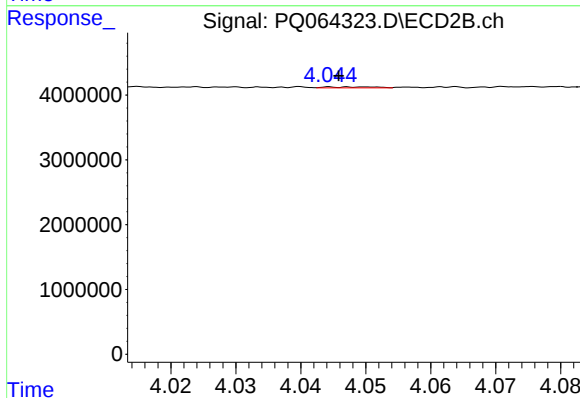
R.T.: 4.015 min
Delta R.T.: 0.006 min
Response: 186680
Conc: 1.52 ng/ml



#23 AR-1248-3

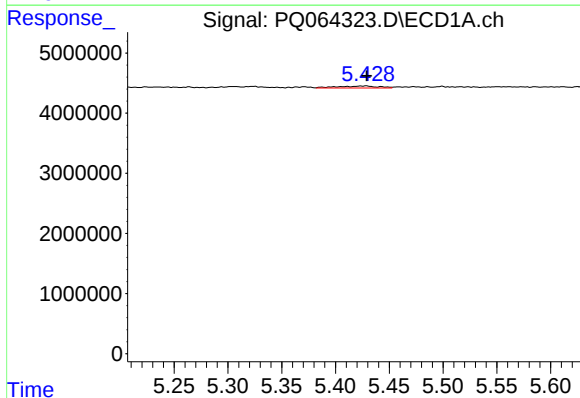
R.T.: 5.056 min
Delta R.T.: 0.024 min
Response: 365294
Conc: 2.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



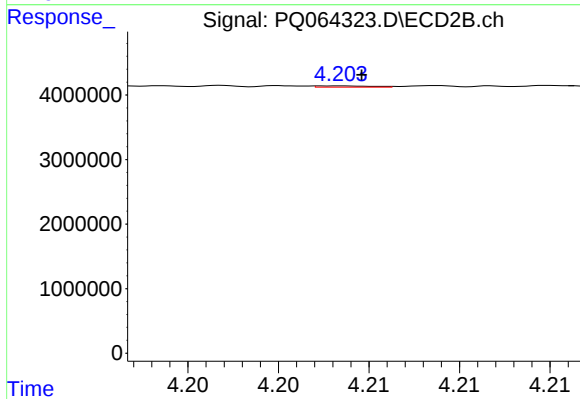
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 76756
Conc: 0.66 ng/ml



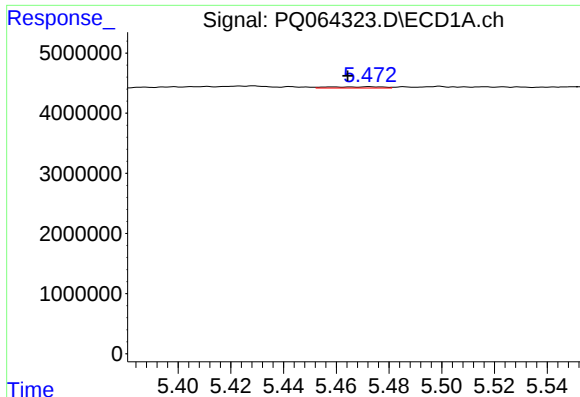
#24 AR-1248-4

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 863578
Conc: 6.03 ng/ml



#24 AR-1248-4

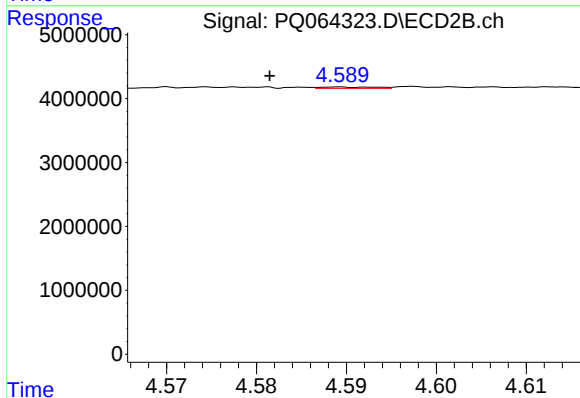
R.T.: 4.203 min
Delta R.T.: -0.001 min
Response: 40602
Conc: 0.29 ng/ml



#25 AR-1248-5

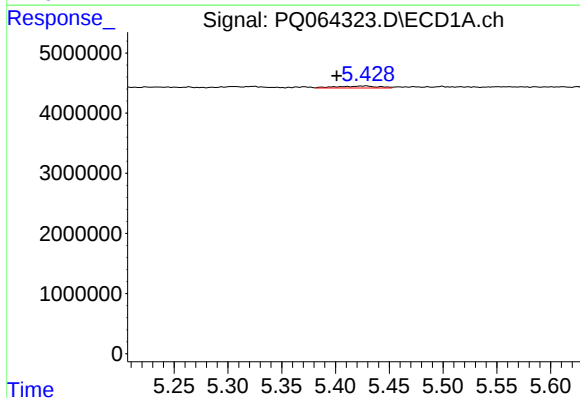
R.T.: 5.472 min
Delta R.T.: 0.008 min
Response: 299066
Conc: 2.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



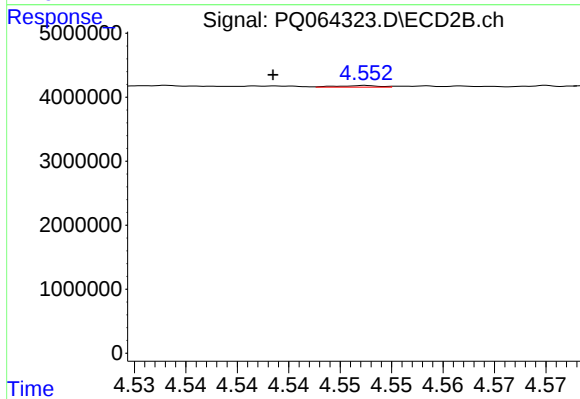
#25 AR-1248-5

R.T.: 4.589 min
Delta R.T.: 0.008 min
Response: 86354
Conc: 0.65 ng/ml



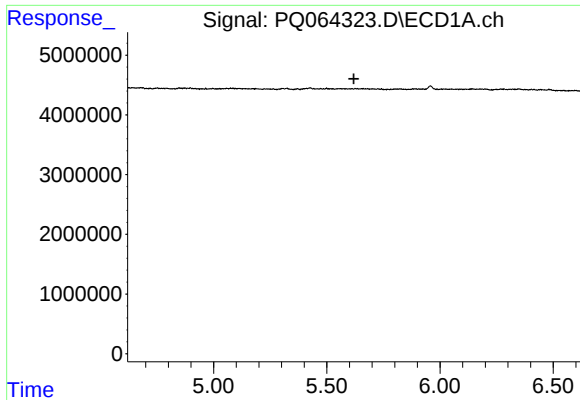
#26 AR-1254-1

R.T.: 5.428 min
Delta R.T.: 0.027 min
Response: 863578
Conc: 5.64 ng/ml



#26 AR-1254-1

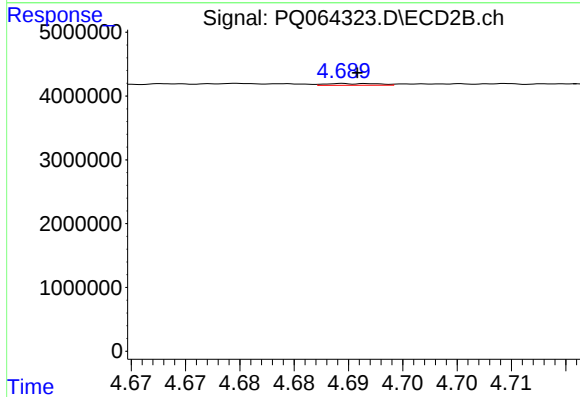
R.T.: 4.553 min
Delta R.T.: 0.009 min
Response: 65579
Conc: 0.31 ng/ml



#27 AR-1254-2

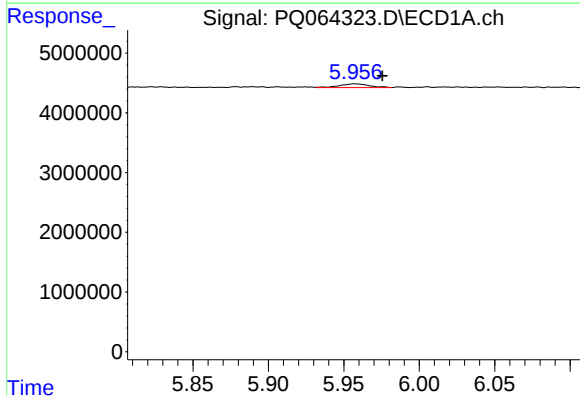
R.T.: 0.000 min
Exp R.T.: 5.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



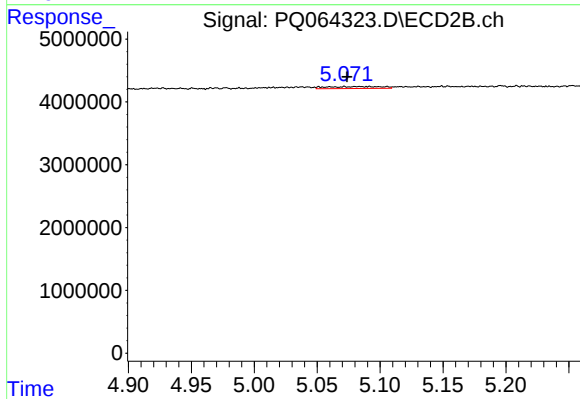
#27 AR-1254-2

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 92502
Conc: 0.50 ng/ml



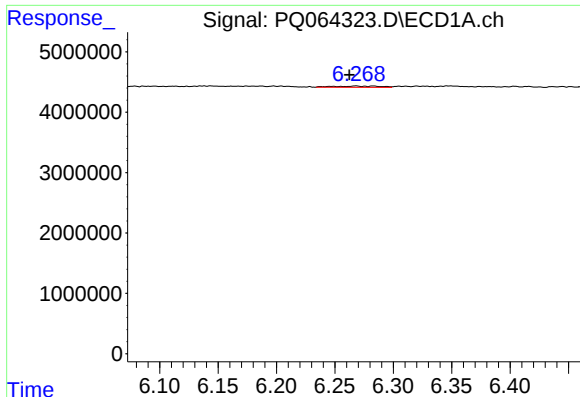
#28 AR-1254-3

R.T.: 5.958 min
Delta R.T.: -0.018 min
Response: 831079
Conc: 3.38 ng/ml



#28 AR-1254-3

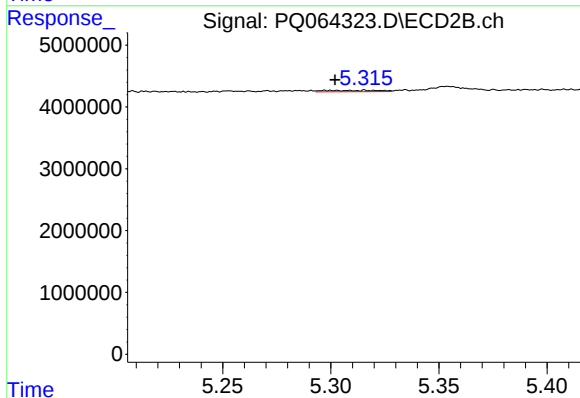
R.T.: 5.072 min
Delta R.T.: -0.002 min
Response: 952552
Conc: 3.37 ng/ml



#29 AR-1254-4

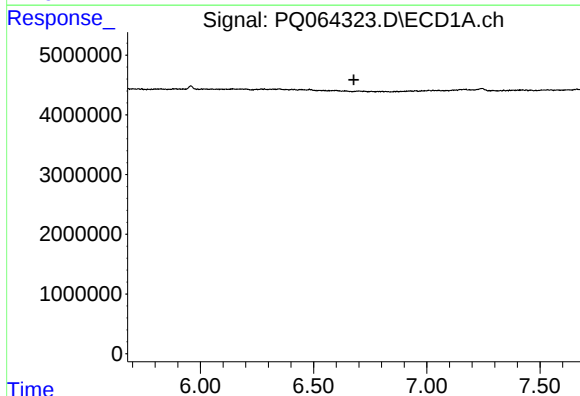
R.T.: 6.268 min
Delta R.T.: 0.006 min
Response: 560299
Conc: 3.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



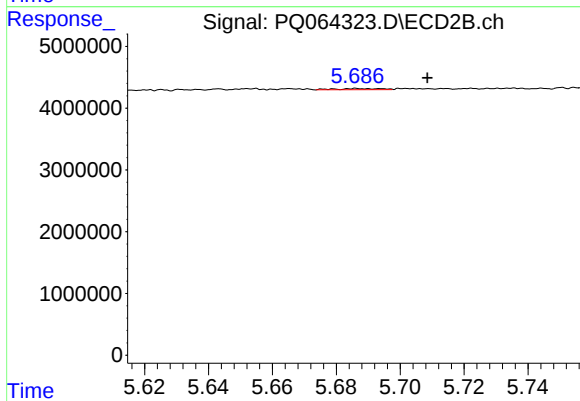
#29 AR-1254-4

R.T.: 5.316 min
Delta R.T.: 0.014 min
Response: 416064
Conc: 2.24 ng/ml



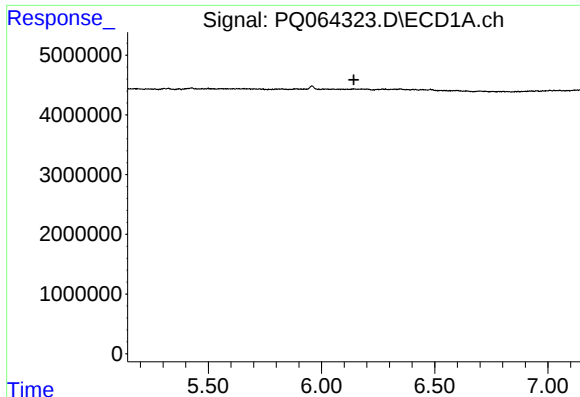
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.678 min
Response: 0
Conc: N.D.



#30 AR-1254-5

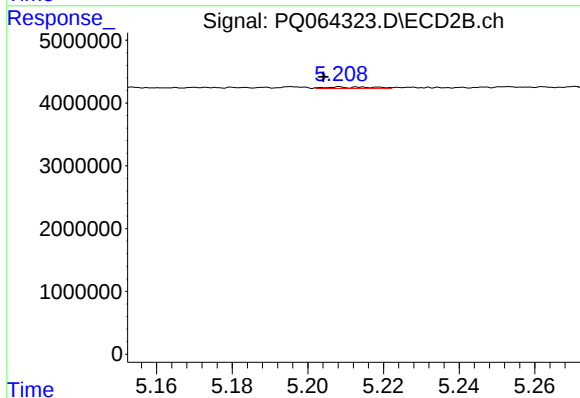
R.T.: 5.686 min
Delta R.T.: -0.022 min
Response: 188222
Conc: 0.72 ng/ml



#31 AR-1260-1

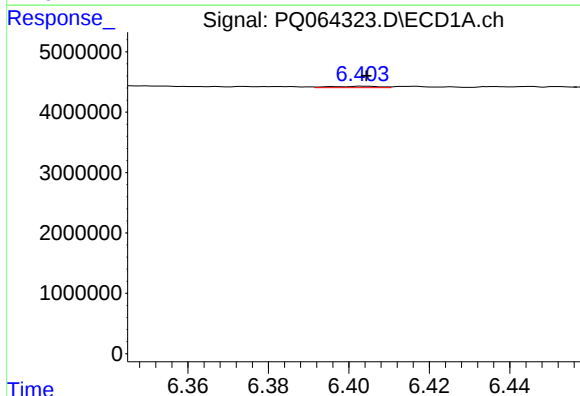
R.T.: 0.000 min
Exp R.T.: 6.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



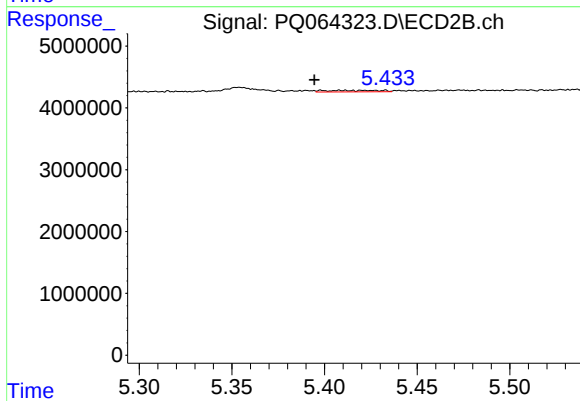
#31 AR-1260-1

R.T.: 5.208 min
Delta R.T.: 0.004 min
Response: 209042
Conc: 1.08 ng/ml



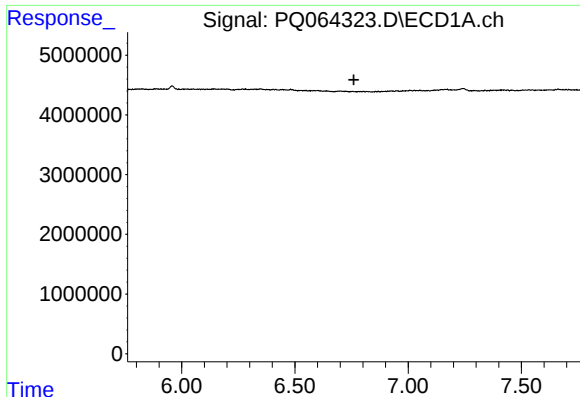
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 196447
Conc: 0.91 ng/ml



#32 AR-1260-2

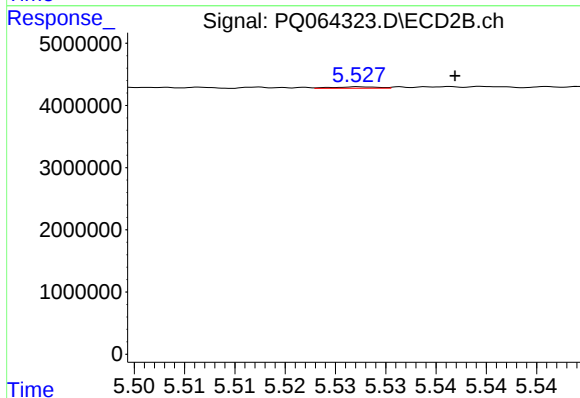
R.T.: 5.398 min
Delta R.T.: 0.004 min
Response: 489965
Conc: 2.11 ng/ml



#33 AR-1260-3

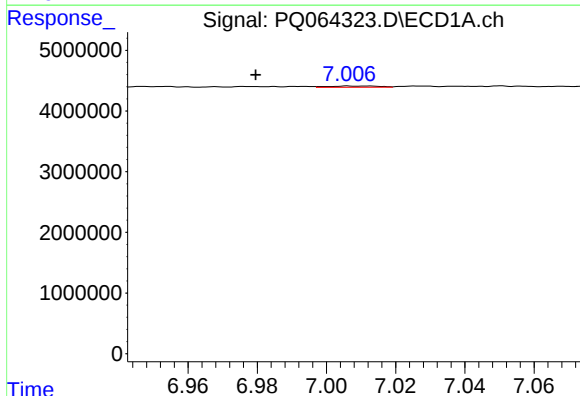
R.T.: 0.000 min
Exp R.T.: 6.760 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



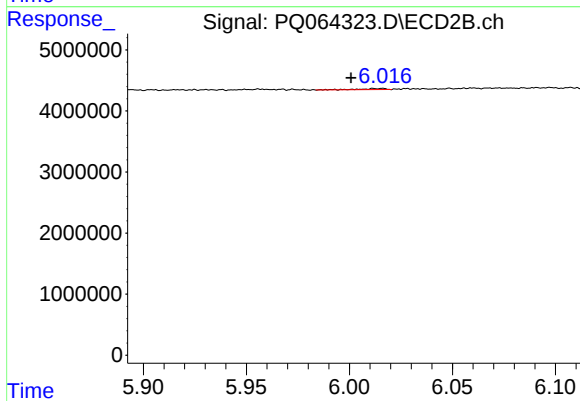
#33 AR-1260-3

R.T.: 5.528 min
Delta R.T.: -0.009 min
Response: 72706
Conc: 0.33 ng/ml



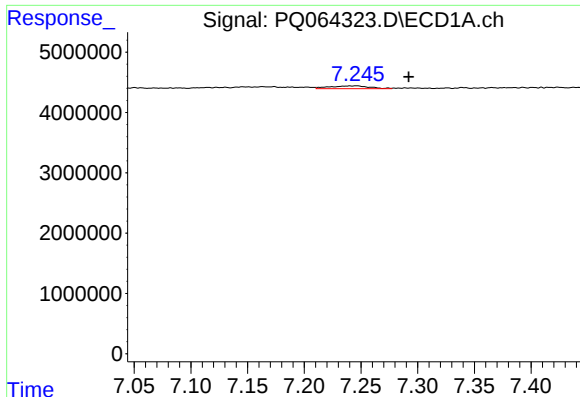
#34 AR-1260-4

R.T.: 7.006 min
Delta R.T.: 0.027 min
Response: 205521
Conc: 1.20 ng/ml



#34 AR-1260-4

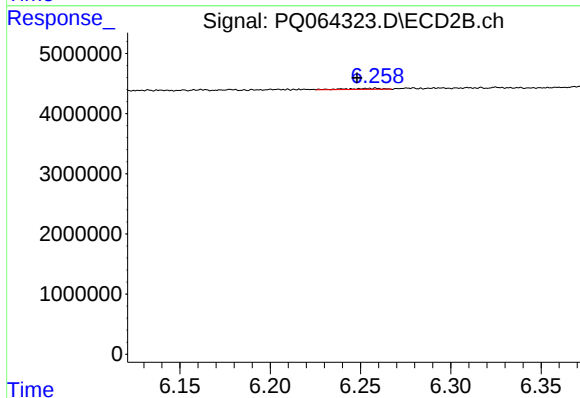
R.T.: 6.016 min
Delta R.T.: 0.015 min
Response: 160892
Conc: 0.87 ng/ml



#35 AR-1260-5

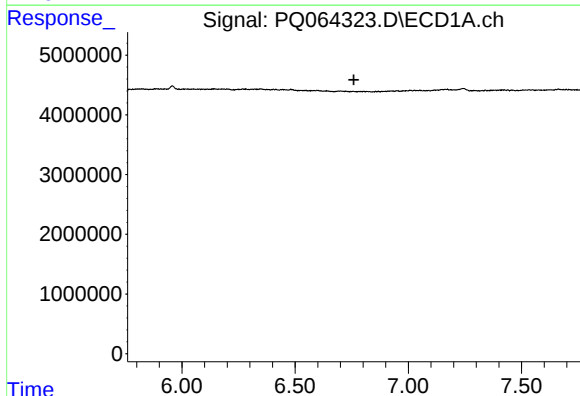
R.T.: 7.246 min
Delta R.T.: -0.046 min
Response: 1123831
Conc: 3.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



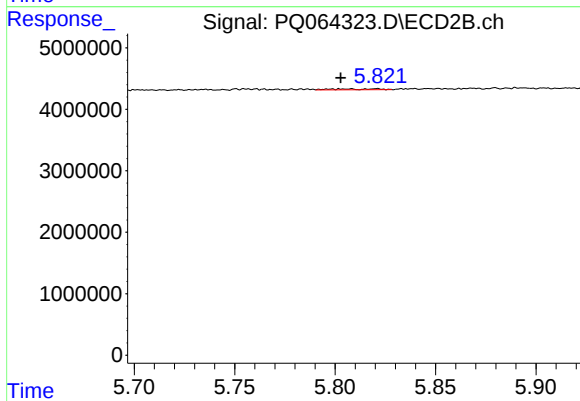
#35 AR-1260-5

R.T.: 6.259 min
Delta R.T.: 0.011 min
Response: 241123
Conc: 0.56 ng/ml



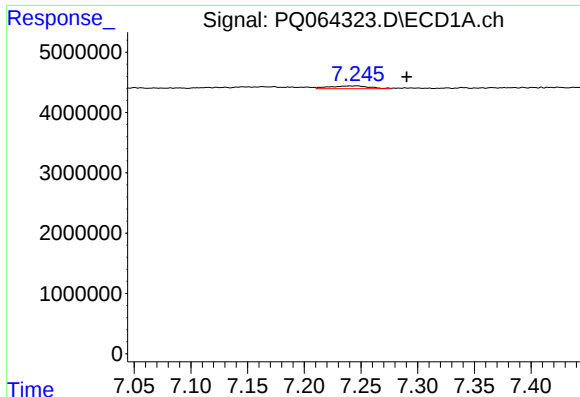
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.760 min
Response: 0
Conc: N.D.



#36 AR-1262-1

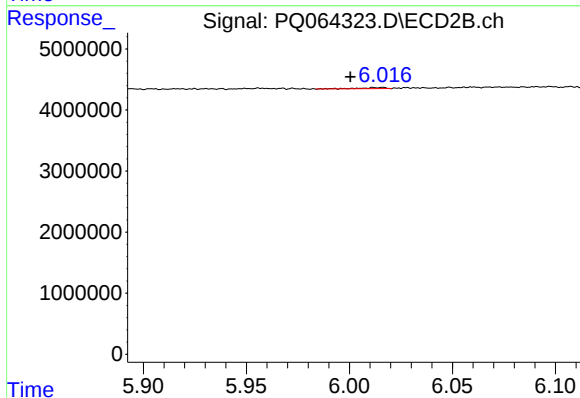
R.T.: 5.808 min
Delta R.T.: 0.005 min
Response: 241362
Conc: 2.12 ng/ml



#37 AR-1262-2

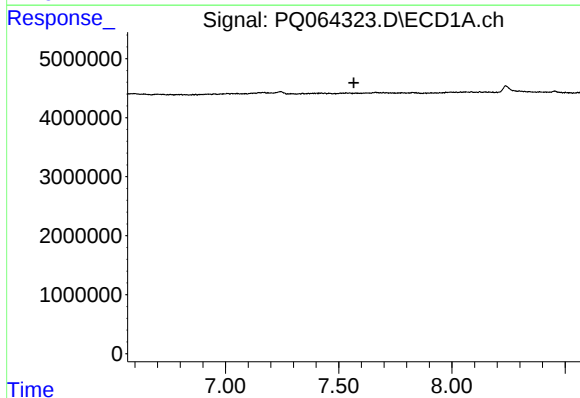
R.T.: 7.246 min
Delta R.T.: -0.045 min
Response: 1123831
Conc: 2.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



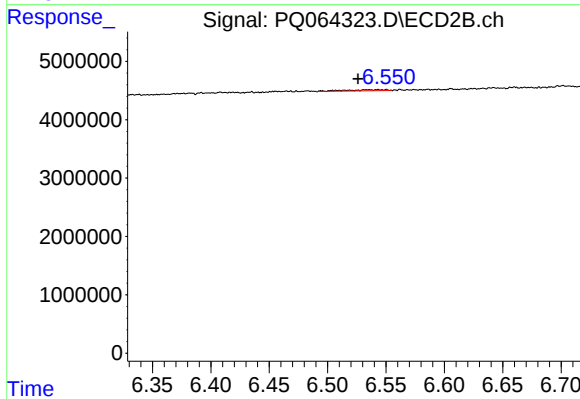
#37 AR-1262-2

R.T.: 6.016 min
Delta R.T.: 0.015 min
Response: 160892
Conc: 0.63 ng/ml



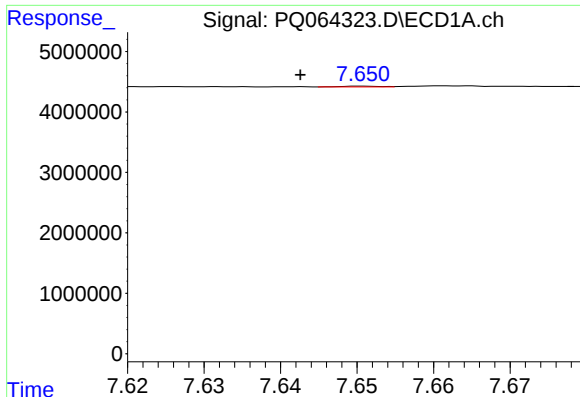
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.567 min
Response: 0
Conc: N.D.



#38 AR-1262-3

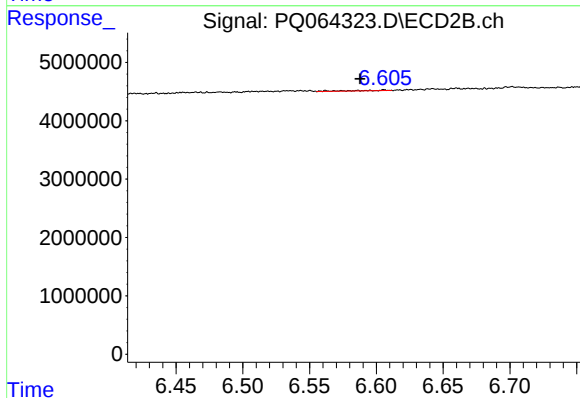
R.T.: 6.550 min
Delta R.T.: 0.024 min
Response: 460723
Conc: 2.05 ng/ml



#39 AR-1262-4

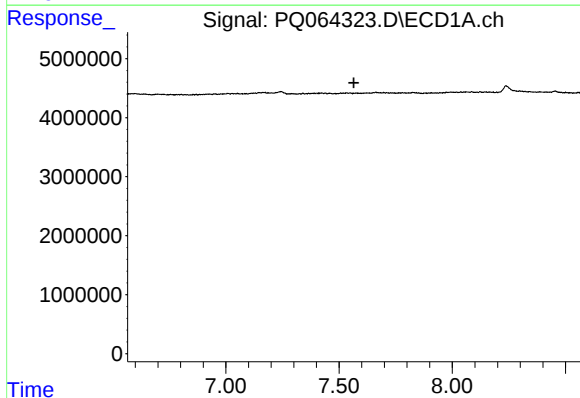
R.T.: 7.651 min
Delta R.T.: 0.008 min
Response: 40530
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



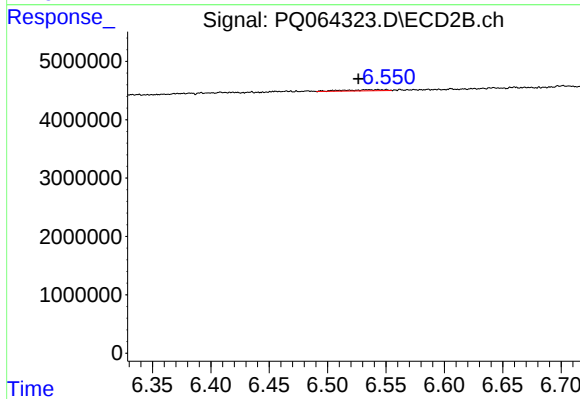
#39 AR-1262-4

R.T.: 6.606 min
Delta R.T.: 0.018 min
Response: 170147
Conc: 0.39 ng/ml



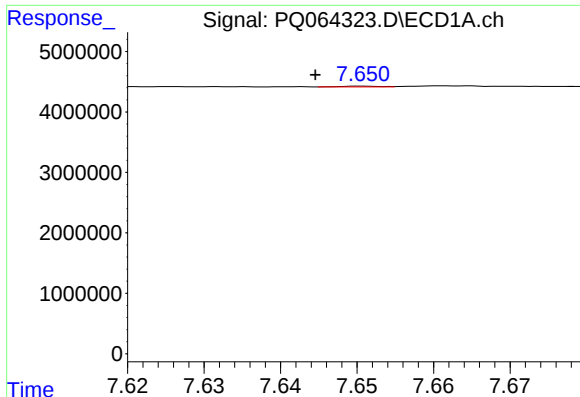
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.565 min
Response: 0
Conc: N.D.



#41 AR-1268-1

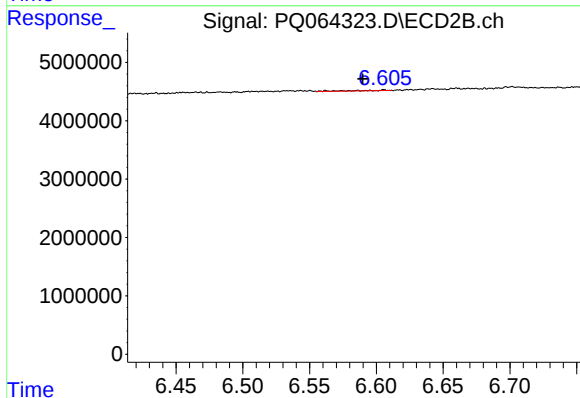
R.T.: 6.550 min
Delta R.T.: 0.024 min
Response: 460723
Conc: 0.70 ng/ml



#42 AR-1268-2

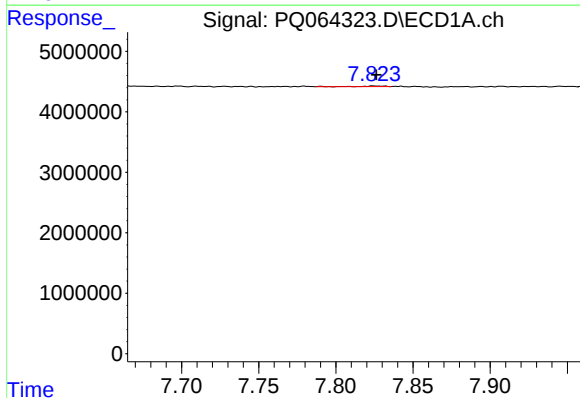
R.T.: 7.651 min
Delta R.T.: 0.006 min
Response: 40530
Conc: 0.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



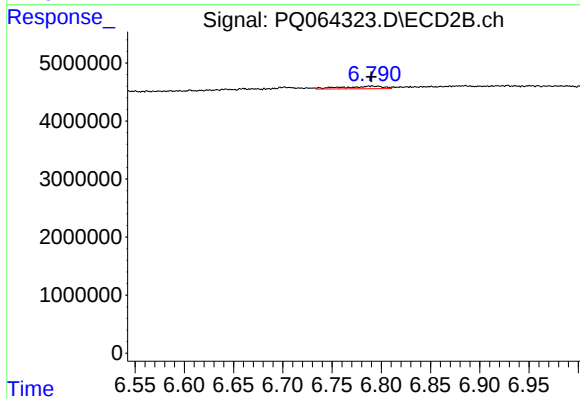
#42 AR-1268-2

R.T.: 6.606 min
Delta R.T.: 0.016 min
Response: 170147
Conc: 0.27 ng/ml



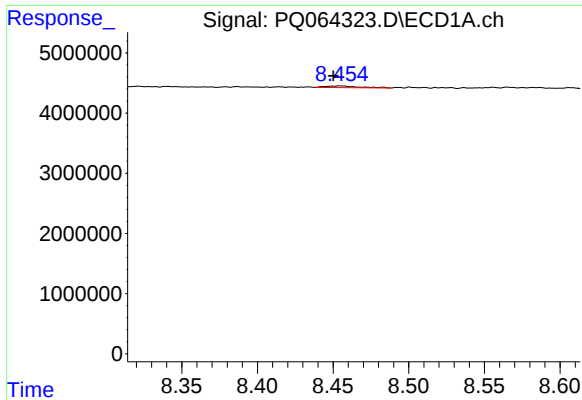
#43 AR-1268-3

R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 131717
Conc: 0.35 ng/ml



#43 AR-1268-3

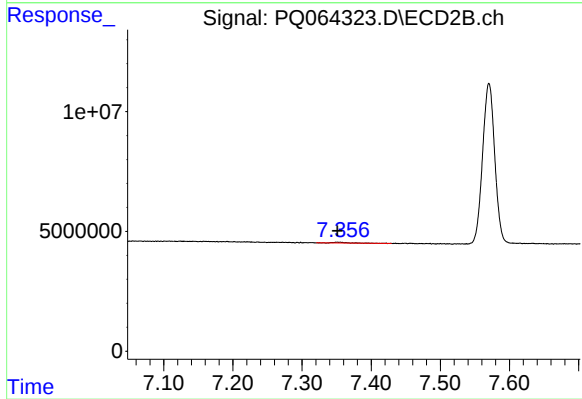
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 1300318
Conc: 2.03 ng/ml



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: 0.005 min
Response: 414598
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.353 min
Delta R.T.: 0.001 min
Response: 504024
Conc: 0.27 ng/ml