

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 12:23
 Operator : SM\AJ
 Sample : PB120199BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:26:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 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...	5.587	4.727	83440972	62594308	25.471	29.144
2)	SA Decachlor...	11.891	10.447	272.9E6	167.8E6	38.205	40.350
Target Compounds							
3)	L1 AR-1016-1	7.036	6.187	574729	92506	3.435	0.721 #
4)	L1 AR-1016-2	7.118	6.187	667602	92506	2.539	0.479 #
5)	L1 AR-1016-3	7.118	0.000	667602	0	3.911	N.D. #
6)	L1 AR-1016-4	0.000	6.503	0	247930	N.D.	2.912 #
7)	L1 AR-1016-5	7.580	6.768	76736	888638	0.553	7.718 #
8)	L2 AR-1221-1	0.000	5.042	0	89037	N.D.	3.633 #
9)	L2 AR-1221-2	6.027	5.182	203079	906899	9.217	55.680 #
10)	L2 AR-1221-3	6.088	5.270	185446	138302	2.099	2.274
11)	L3 AR-1232-1	6.088	5.270	185446	138302	2.863	3.018
12)	L3 AR-1232-2	0.000	6.187	0	92506	N.D.	1.542 #
13)	L3 AR-1232-3	7.118	0.000	667602	0	8.261	N.D. #
14)	L3 AR-1232-4	0.000	6.536	0	396494	N.D.	13.419 #
15)	L3 AR-1232-5	0.000	6.768	0	888638	N.D.	29.519 #
16)	L4 AR-1242-1	7.036	6.187	574729	92506	5.928	1.251 #
17)	L4 AR-1242-2	7.118	6.187	667602	92506	4.620	0.869 #
18)	L4 AR-1242-3	7.118	0.000	667602	0	7.172	N.D. #
19)	L4 AR-1242-4	0.000	6.536	0	396494	N.D.	6.653 #
20)	L4 AR-1242-5	8.086	7.152	1142821	759598	13.182	9.426 #
21)	L5 AR-1248-1	7.036	6.187	574729	92506	7.425	1.605 #
22)	L5 AR-1248-2	0.000	6.503	0	247930	N.D.	2.820 #
23)	L5 AR-1248-3	7.580	6.536	76736	396494	0.556	4.382 #
24)	L5 AR-1248-4	8.086	6.768	1142821	888638	7.570	8.047
25)	L5 AR-1248-5	8.086	7.152	1142821	759598	7.591	6.690
26)	L6 AR-1254-1	7.973	7.152	1949188	759598	11.177	3.966 #
27)	L6 AR-1254-2	8.239	7.347	970747	1169289	3.510	6.730 #
28)	L6 AR-1254-3	0.000	7.735	0	581533	N.D.	2.012 #
29)	L6 AR-1254-4	0.000	8.024	0	321613	N.D.	1.801 #
30)	L6 AR-1254-5	0.000	8.382	0	168091	N.D.	0.652 #
31)	L7 AR-1260-1	0.000	7.898	0	2061396	N.D.	7.520 #
32)	L7 AR-1260-2	0.000	8.107	0	444504	N.D.	1.285 #
33)	L7 AR-1260-3	0.000	8.240	0	176604	N.D.	0.551 #
34)	L7 AR-1260-4	0.000	8.761	0	542775	N.D.	1.998 #
36)	L8 AR-1262-1	0.000	8.523	0	1458384	N.D.	12.844 #
38)	L8 AR-1262-3	0.000	9.352	0	356555	N.D.	1.696 #
39)	L8 AR-1262-4	0.000	9.352	0	356555	N.D.	0.942 #
40)	L8 AR-1262-5	0.000	9.953	0	3147697	N.D.	19.414 #
41)	L9 AR-1268-1	0.000	9.352	0	356555	N.D.	0.781 #
42)	L9 AR-1268-2	0.000	9.352	0	356555	N.D.	0.816 #
43)	L9 AR-1268-3	10.669	9.560	874220	725092	1.609	1.931

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 QLast Update : Thu May 23 04:10:58 2019
 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	0.000	9.953	0	3147697	N.D.	22.845 #
45) L9	AR-1268-5	11.546	10.181	1602467	1584790	0.867	1.343 #

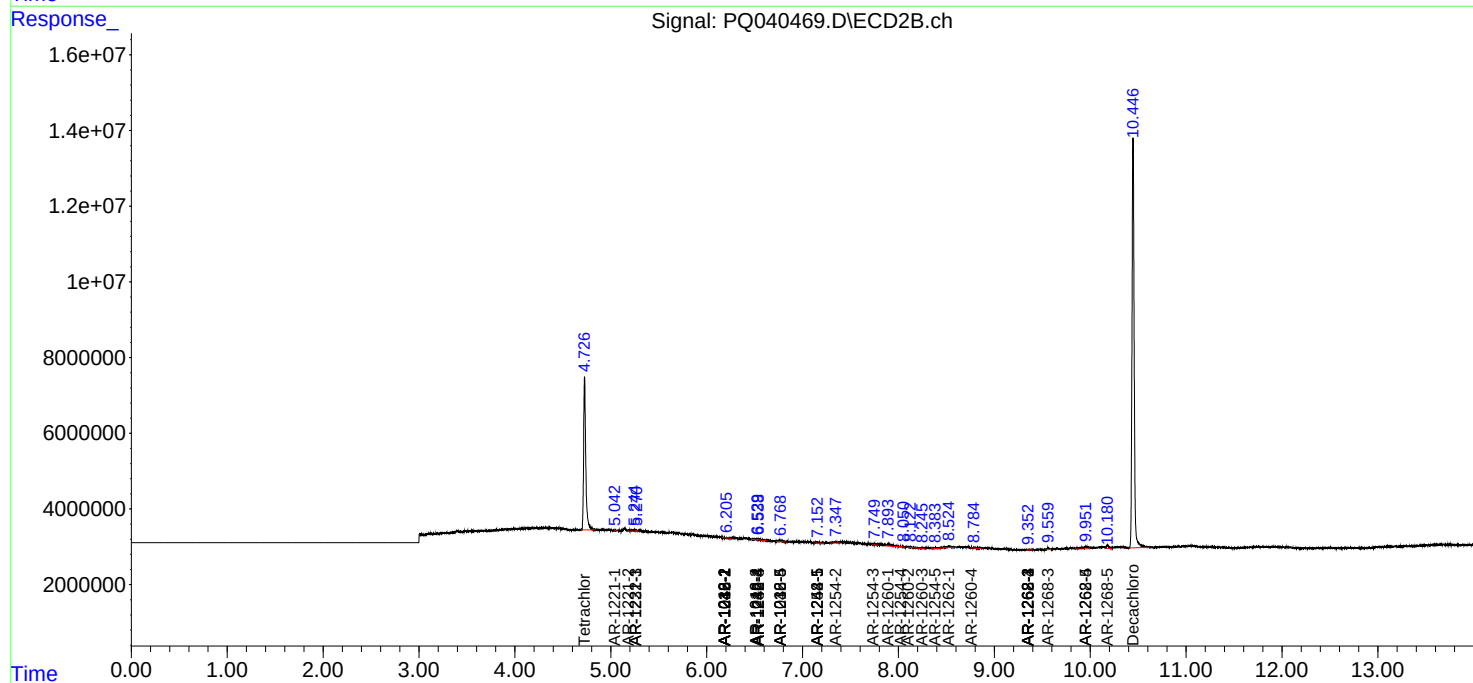
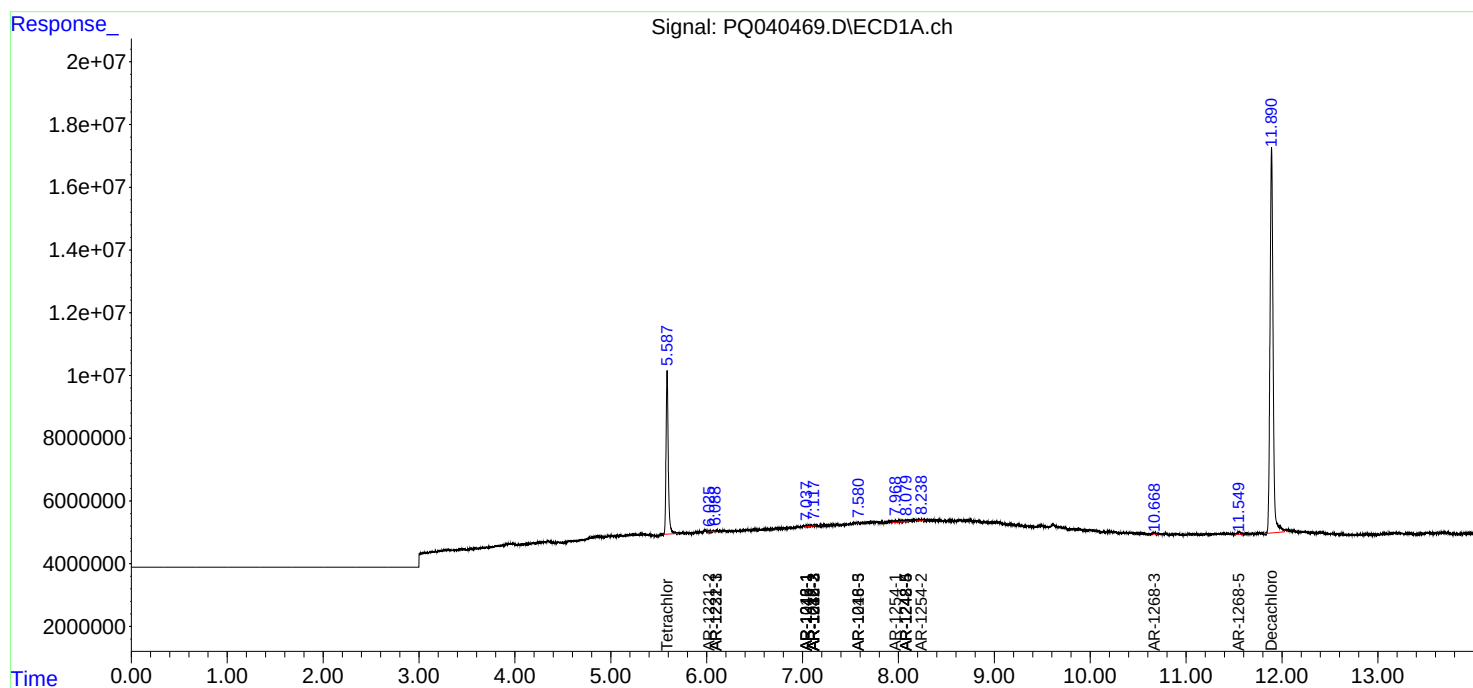
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

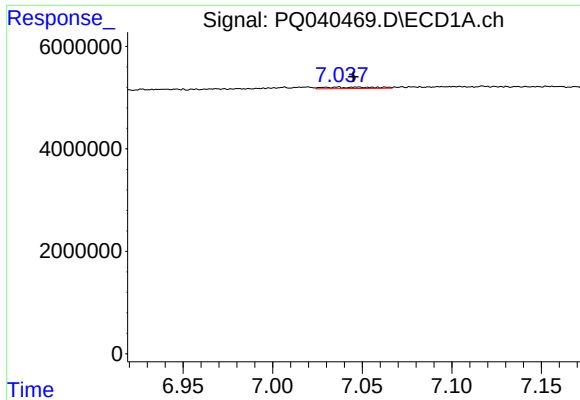
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

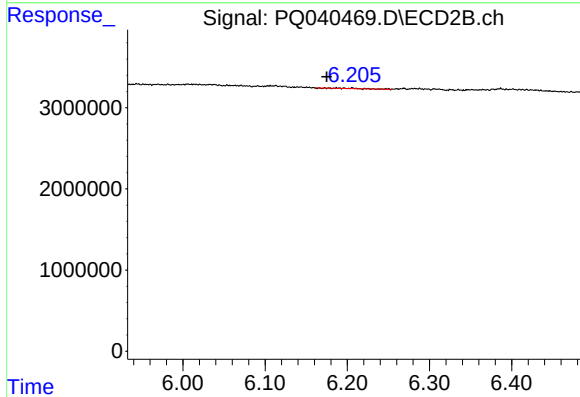




#3 AR-1016-1

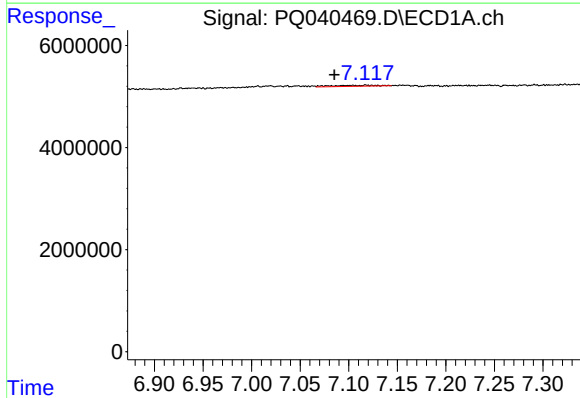
R.T.: 7.036 min
Delta R.T.: -0.009 min
Response: 574729
Conc: 3.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



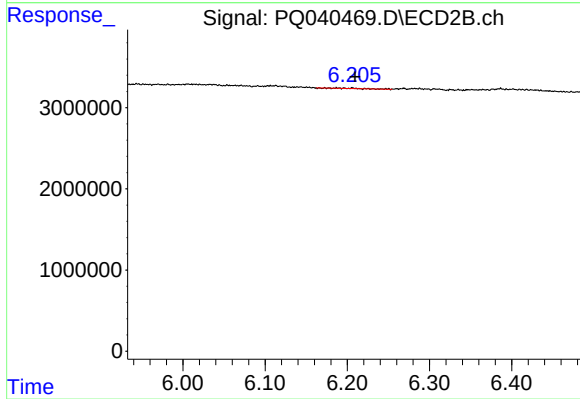
#3 AR-1016-1

R.T.: 6.187 min
Delta R.T.: 0.012 min
Response: 92506
Conc: 0.72 ng/ml



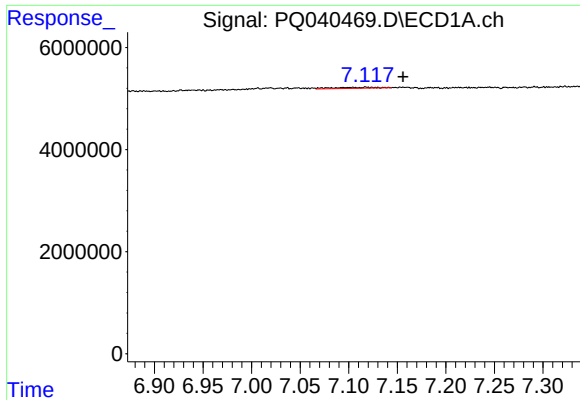
#4 AR-1016-2

R.T.: 7.118 min
Delta R.T.: 0.032 min
Response: 667602
Conc: 2.54 ng/ml



#4 AR-1016-2

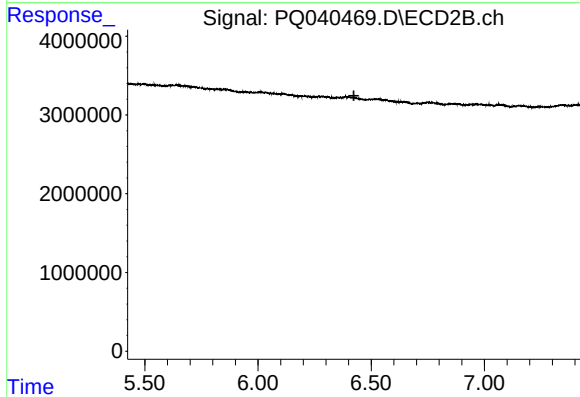
R.T.: 6.187 min
Delta R.T.: -0.022 min
Response: 92506
Conc: 0.48 ng/ml



#5 AR-1016-3

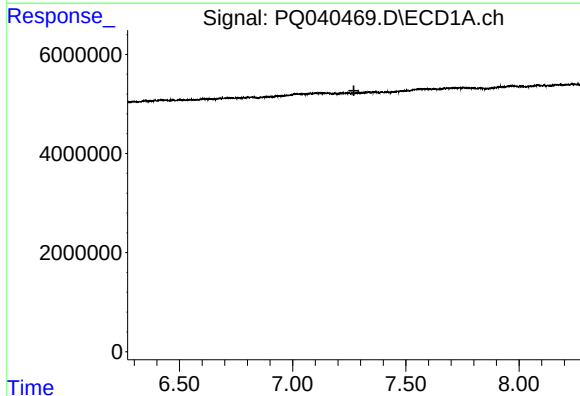
R.T.: 7.118 min
Delta R.T.: -0.038 min
Response: 667602
Conc: 3.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



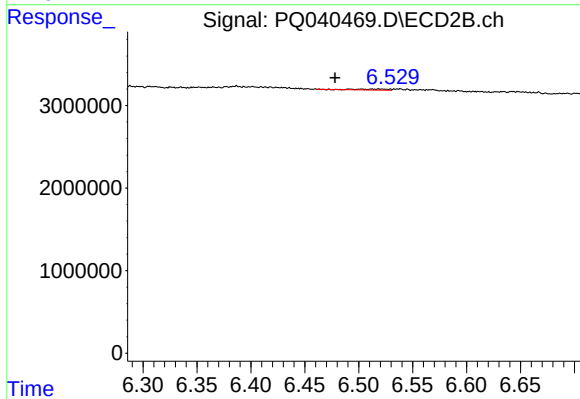
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.423 min
Response: 0
Conc: N.D.



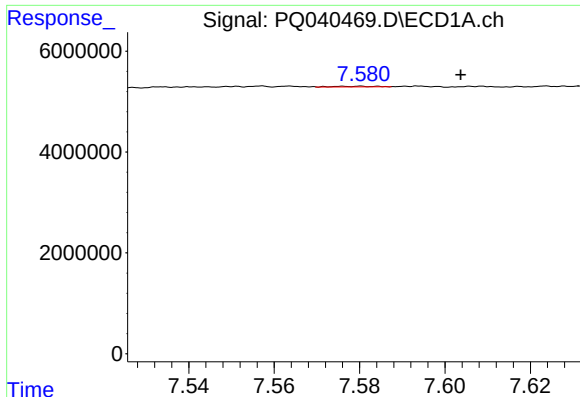
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

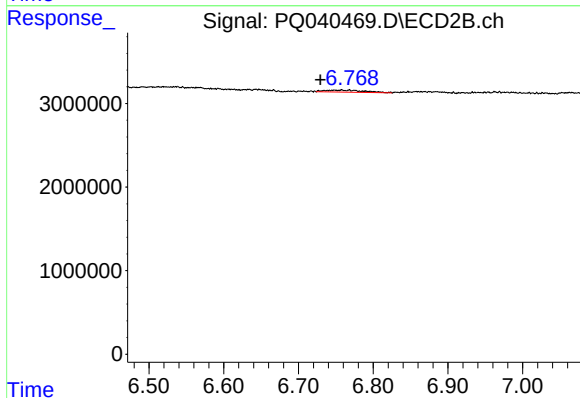
R.T.: 6.503 min
Delta R.T.: 0.025 min
Response: 247930
Conc: 2.91 ng/ml



#7 AR-1016-5

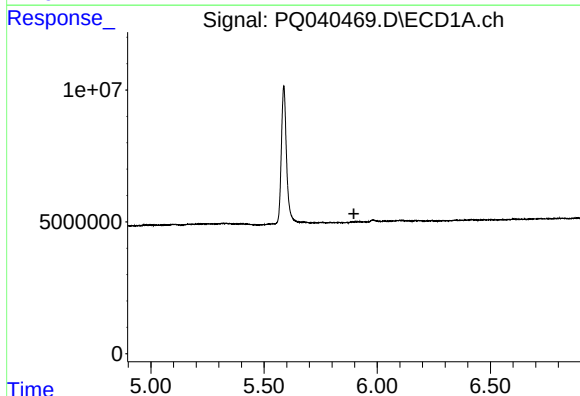
R.T.: 7.580 min
Delta R.T.: -0.023 min
Response: 76736
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



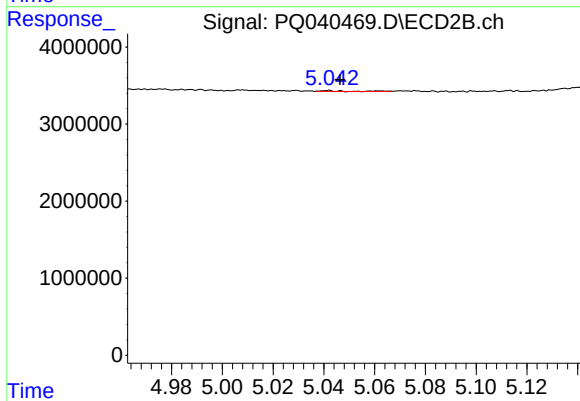
#7 AR-1016-5

R.T.: 6.768 min
Delta R.T.: 0.039 min
Response: 888638
Conc: 7.72 ng/ml



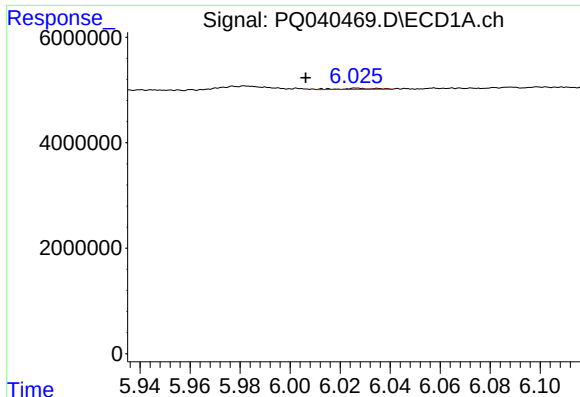
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

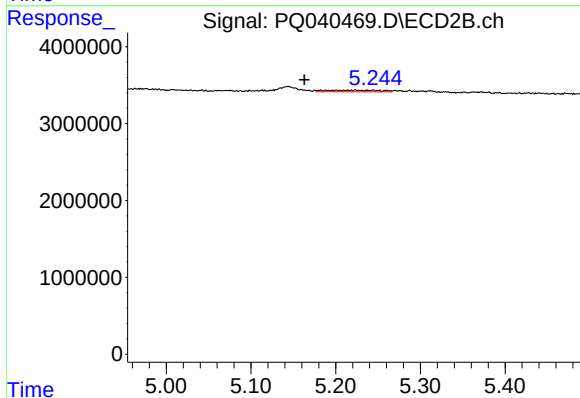
R.T.: 5.042 min
Delta R.T.: -0.005 min
Response: 89037
Conc: 3.63 ng/ml



#9 AR-1221-2

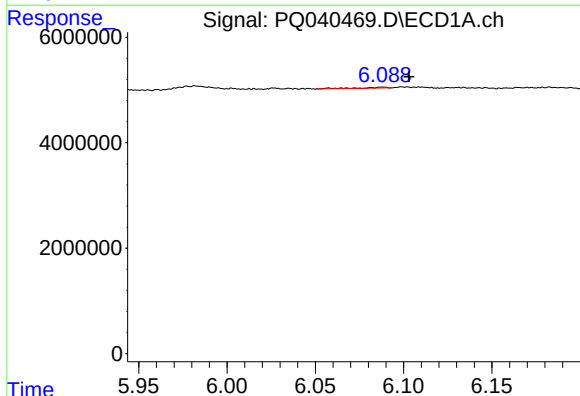
R.T.: 6.027 min
Delta R.T.: 0.021 min
Response: 203079
Conc: 9.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



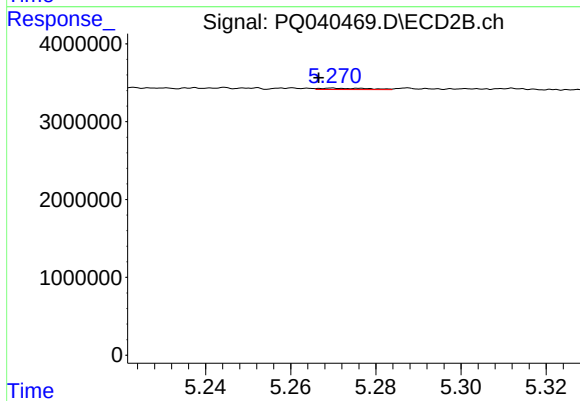
#9 AR-1221-2

R.T.: 5.182 min
Delta R.T.: 0.019 min
Response: 906899
Conc: 55.68 ng/ml



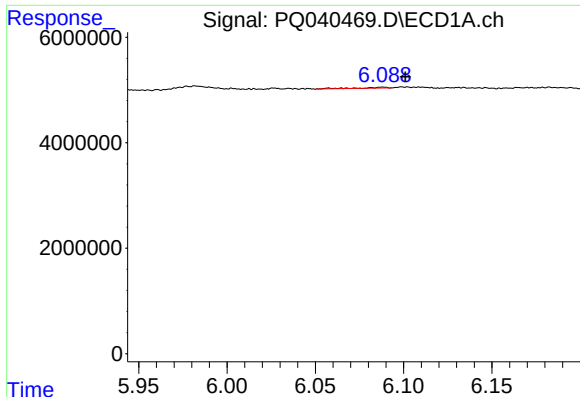
#10 AR-1221-3

R.T.: 6.088 min
Delta R.T.: -0.015 min
Response: 185446
Conc: 2.10 ng/ml



#10 AR-1221-3

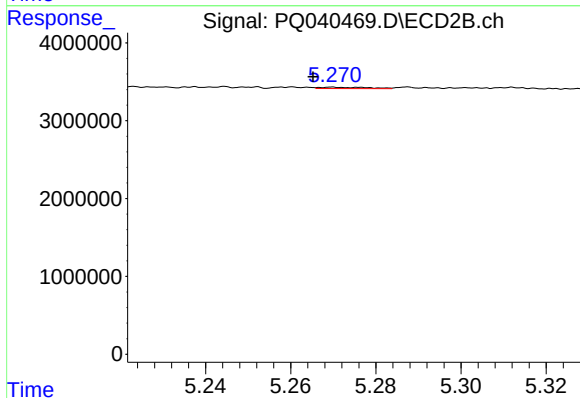
R.T.: 5.270 min
Delta R.T.: 0.003 min
Response: 138302
Conc: 2.27 ng/ml



#11 AR-1232-1

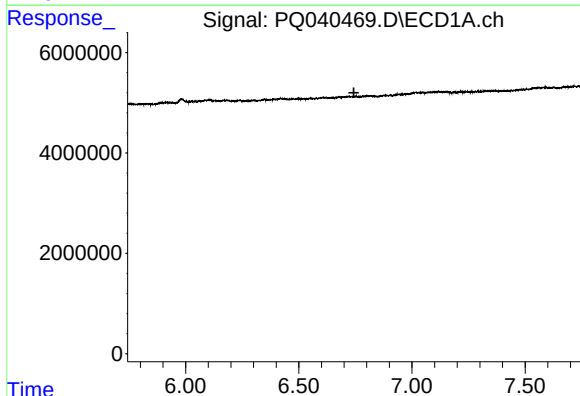
R.T.: 6.088 min
Delta R.T.: -0.013 min
Response: 185446
Conc: 2.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



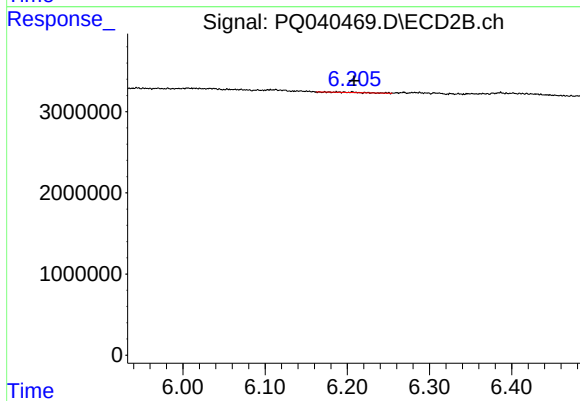
#11 AR-1232-1

R.T.: 5.270 min
Delta R.T.: 0.005 min
Response: 138302
Conc: 3.02 ng/ml



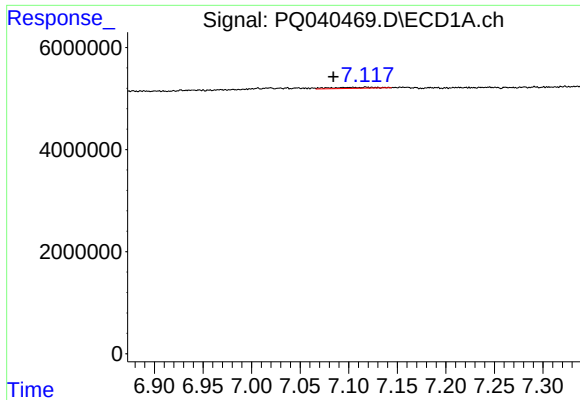
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

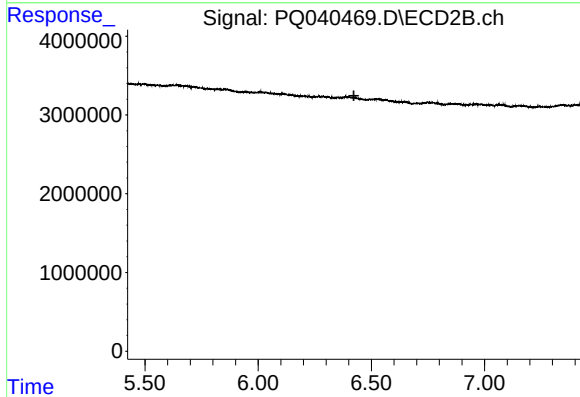
R.T.: 6.187 min
Delta R.T.: -0.021 min
Response: 92506
Conc: 1.54 ng/ml



#13 AR-1232-3

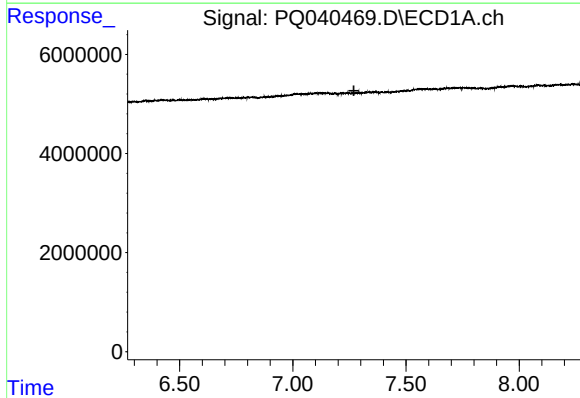
R.T.: 7.118 min
Delta R.T.: 0.033 min
Response: 667602
Conc: 8.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



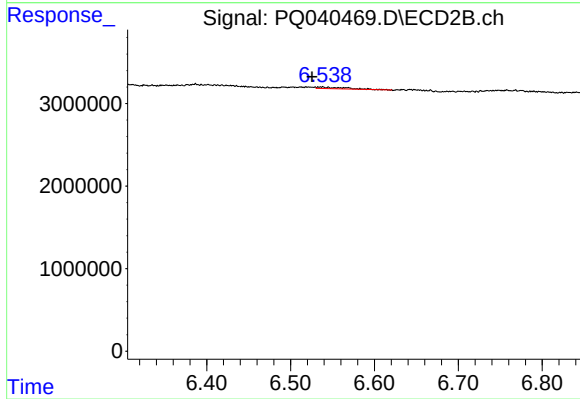
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.423 min
Response: 0
Conc: N.D.



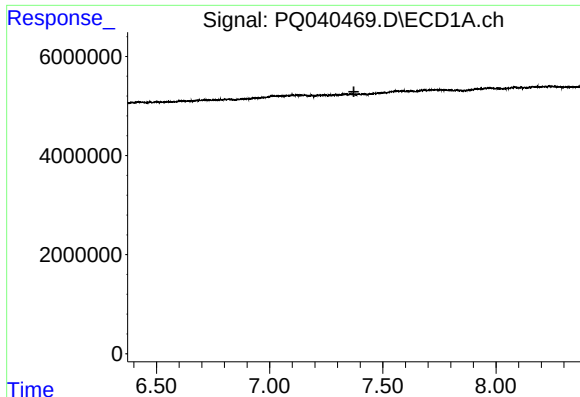
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



#14 AR-1232-4

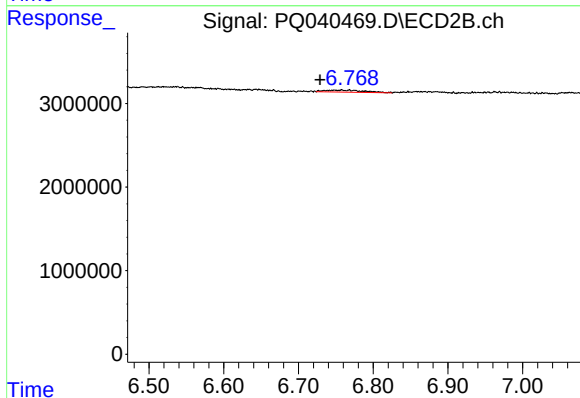
R.T.: 6.536 min
Delta R.T.: 0.010 min
Response: 396494
Conc: 13.42 ng/ml



#15 AR-1232-5

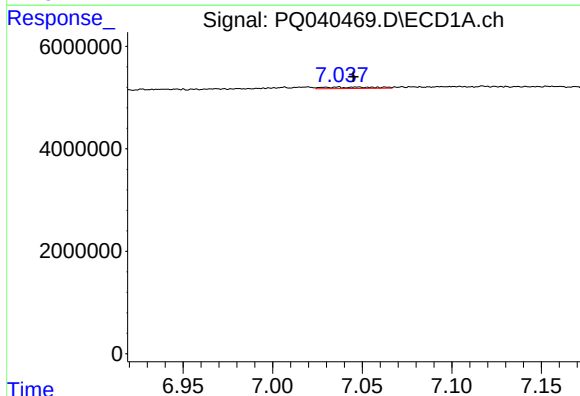
R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



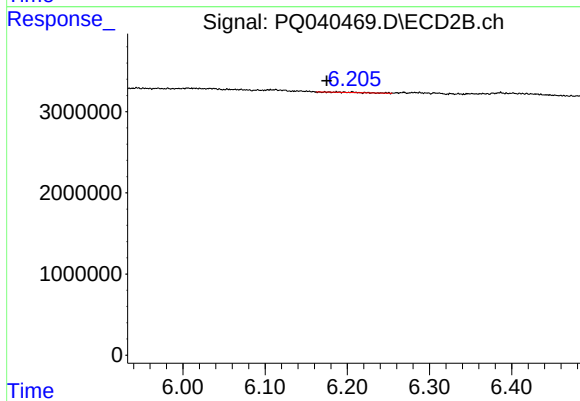
#15 AR-1232-5

R.T.: 6.768 min
Delta R.T.: 0.039 min
Response: 888638
Conc: 29.52 ng/ml



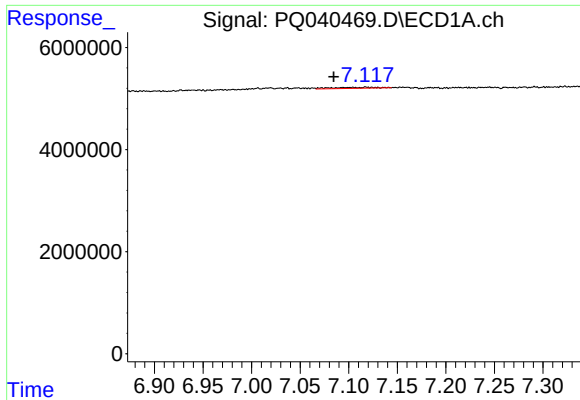
#16 AR-1242-1

R.T.: 7.036 min
Delta R.T.: -0.009 min
Response: 574729
Conc: 5.93 ng/ml



#16 AR-1242-1

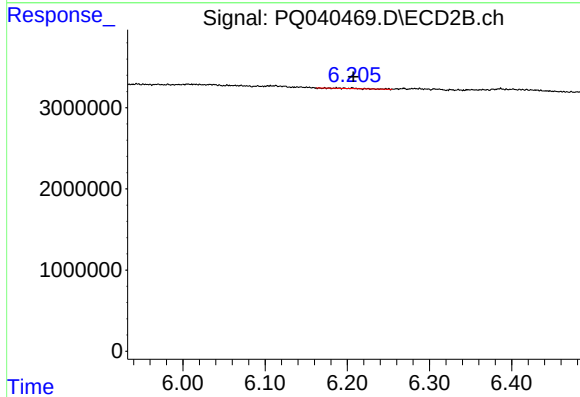
R.T.: 6.187 min
Delta R.T.: 0.012 min
Response: 92506
Conc: 1.25 ng/ml



#17 AR-1242-2

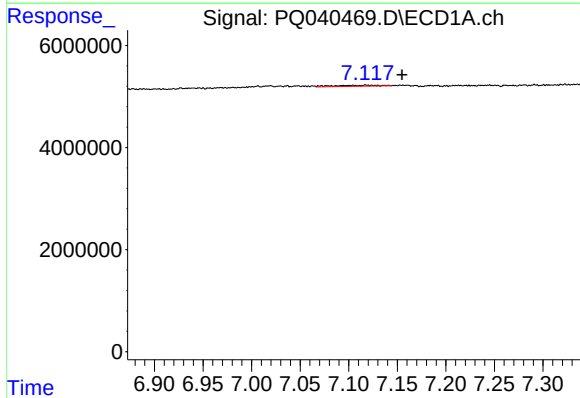
R.T.: 7.118 min
Delta R.T.: 0.033 min
Response: 667602
Conc: 4.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



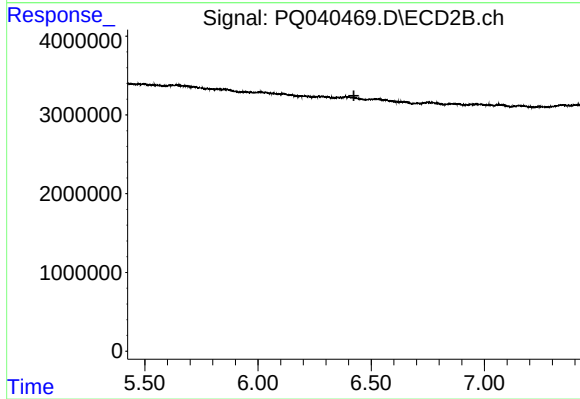
#17 AR-1242-2

R.T.: 6.187 min
Delta R.T.: -0.020 min
Response: 92506
Conc: 0.87 ng/ml



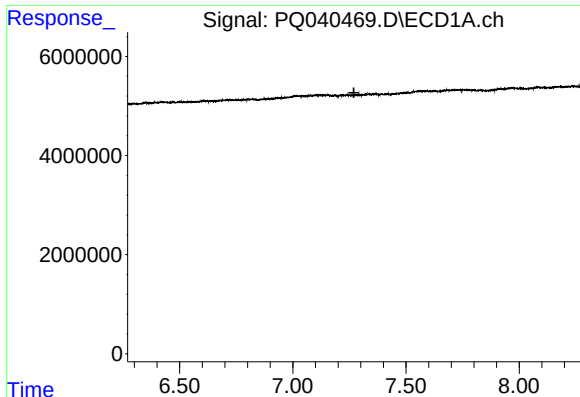
#18 AR-1242-3

R.T.: 7.118 min
Delta R.T.: -0.037 min
Response: 667602
Conc: 7.17 ng/ml



#18 AR-1242-3

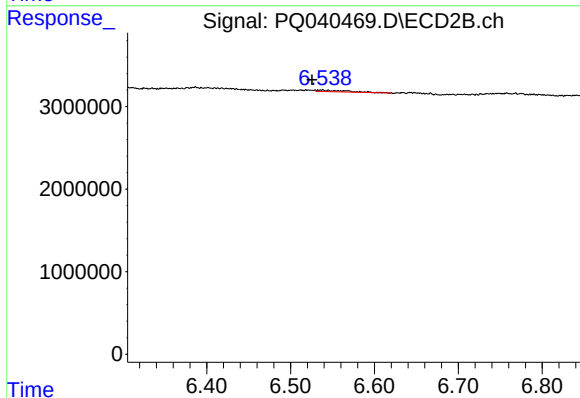
R.T.: 0.000 min
Exp R.T.: 6.423 min
Response: 0
Conc: N.D.



#19 AR-1242-4

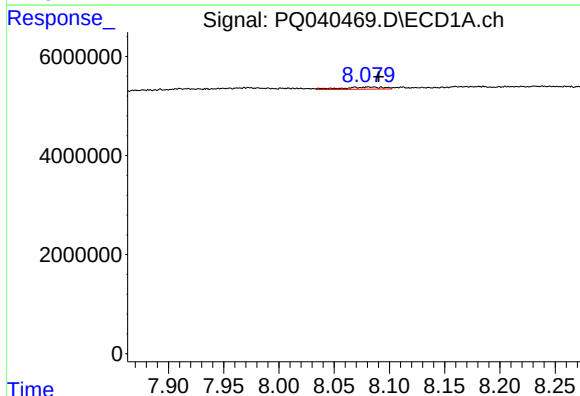
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



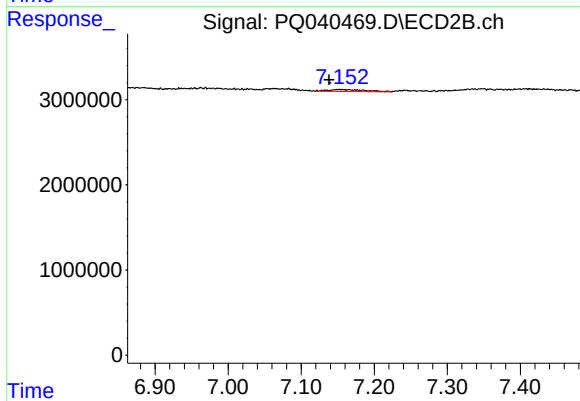
#19 AR-1242-4

R.T.: 6.536 min
Delta R.T.: 0.010 min
Response: 396494
Conc: 6.65 ng/ml



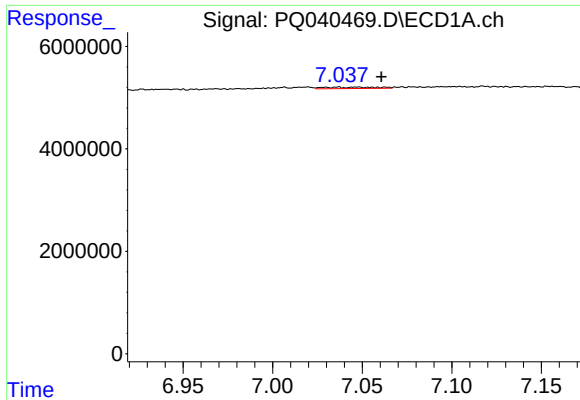
#20 AR-1242-5

R.T.: 8.086 min
Delta R.T.: -0.004 min
Response: 1142821
Conc: 13.18 ng/ml



#20 AR-1242-5

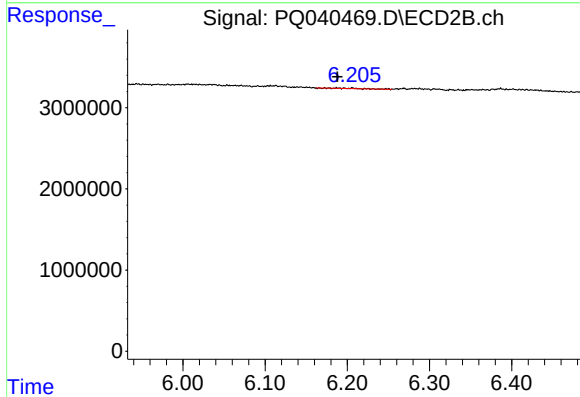
R.T.: 7.152 min
Delta R.T.: 0.014 min
Response: 759598
Conc: 9.43 ng/ml



#21 AR-1248-1

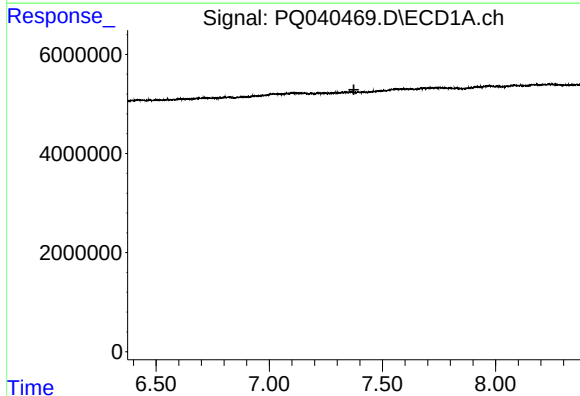
R.T.: 7.036 min
Delta R.T.: -0.024 min
Response: 574729
Conc: 7.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



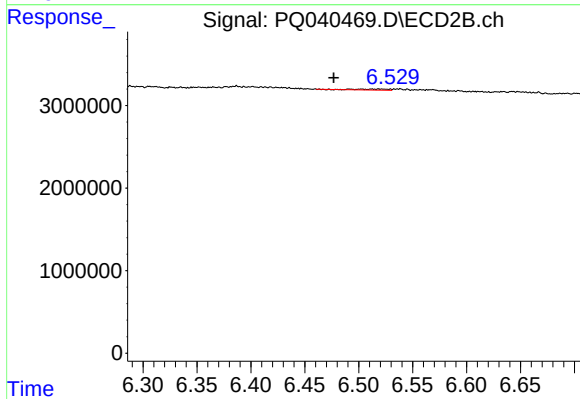
#21 AR-1248-1

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 92506
Conc: 1.61 ng/ml



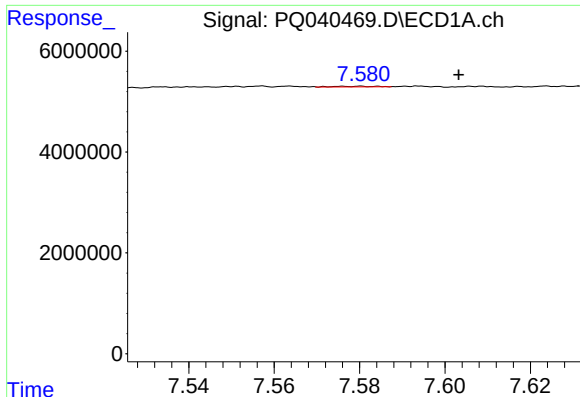
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.374 min
Response: 0
Conc: N.D.



#22 AR-1248-2

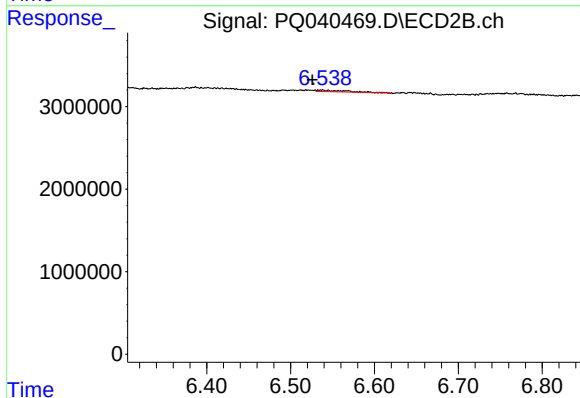
R.T.: 6.503 min
Delta R.T.: 0.026 min
Response: 247930
Conc: 2.82 ng/ml



#23 AR-1248-3

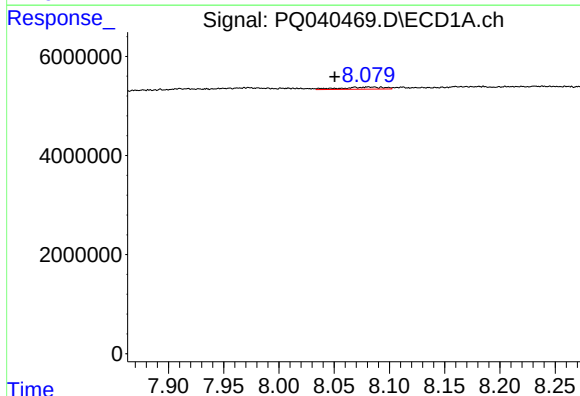
R.T.: 7.580 min
Delta R.T.: -0.023 min
Response: 76736
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



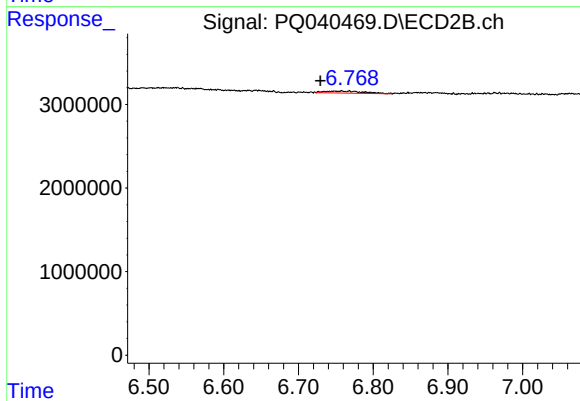
#23 AR-1248-3

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 396494
Conc: 4.38 ng/ml



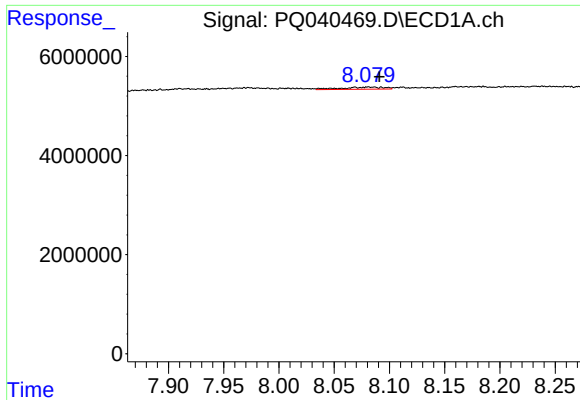
#24 AR-1248-4

R.T.: 8.086 min
Delta R.T.: 0.036 min
Response: 1142821
Conc: 7.57 ng/ml



#24 AR-1248-4

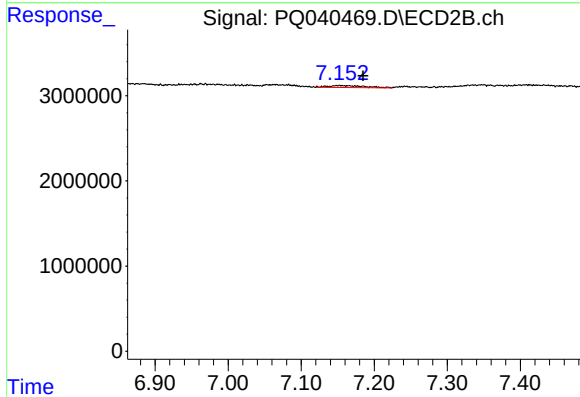
R.T.: 6.768 min
Delta R.T.: 0.039 min
Response: 888638
Conc: 8.05 ng/ml



#25 AR-1248-5

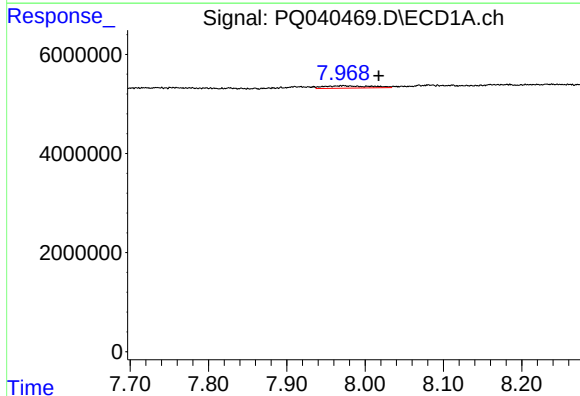
R.T.: 8.086 min
Delta R.T.: -0.005 min
Response: 1142821
Conc: 7.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



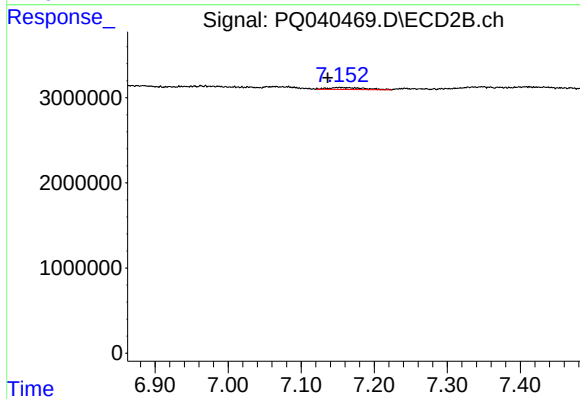
#25 AR-1248-5

R.T.: 7.152 min
Delta R.T.: -0.032 min
Response: 759598
Conc: 6.69 ng/ml



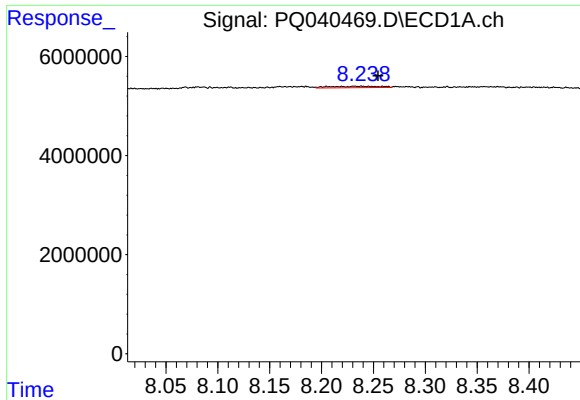
#26 AR-1254-1

R.T.: 7.973 min
Delta R.T.: -0.044 min
Response: 1949188
Conc: 11.18 ng/ml



#26 AR-1254-1

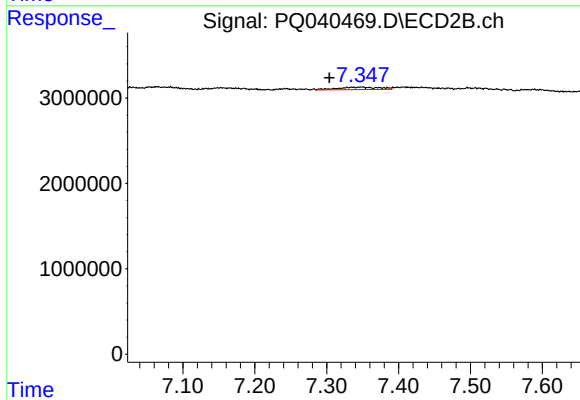
R.T.: 7.152 min
Delta R.T.: 0.016 min
Response: 759598
Conc: 3.97 ng/ml



#27 AR-1254-2

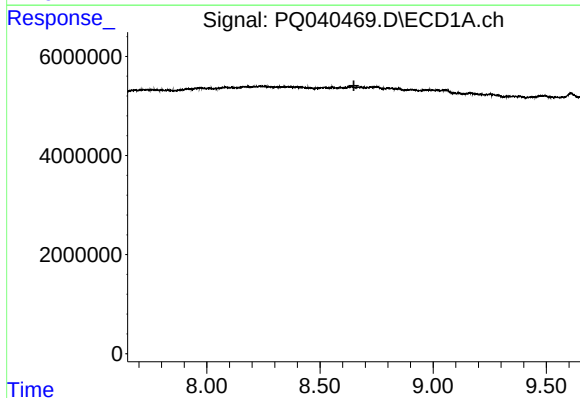
R.T.: 8.239 min
Delta R.T.: -0.015 min
Response: 970747
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



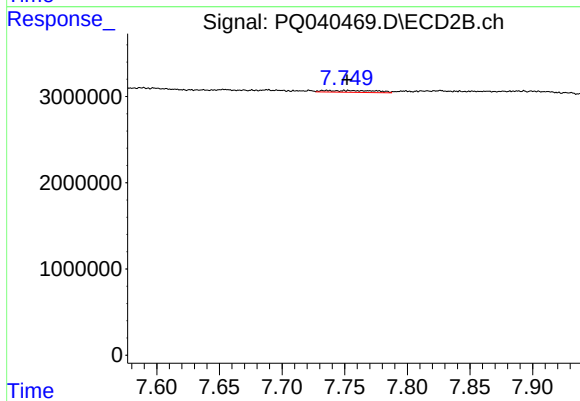
#27 AR-1254-2

R.T.: 7.347 min
Delta R.T.: 0.043 min
Response: 1169289
Conc: 6.73 ng/ml



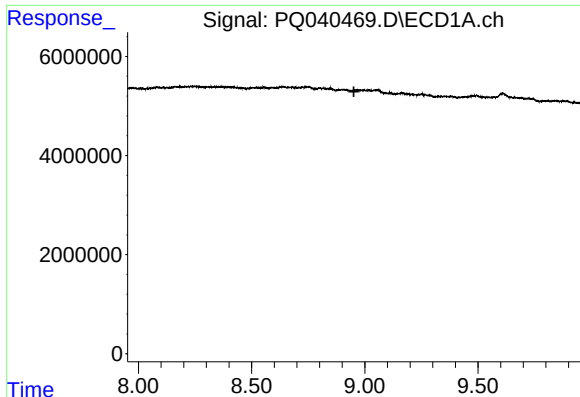
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.650 min
Response: 0
Conc: N.D.



#28 AR-1254-3

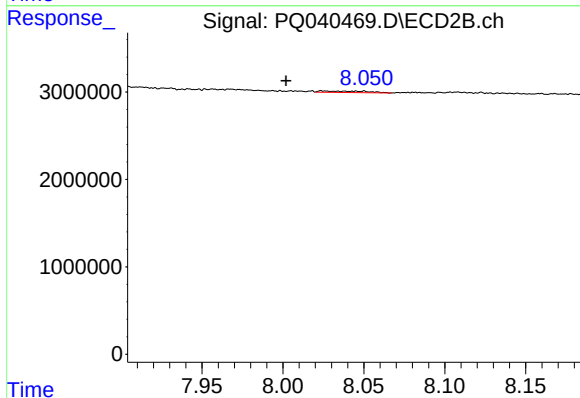
R.T.: 7.735 min
Delta R.T.: -0.017 min
Response: 581533
Conc: 2.01 ng/ml



#29 AR-1254-4

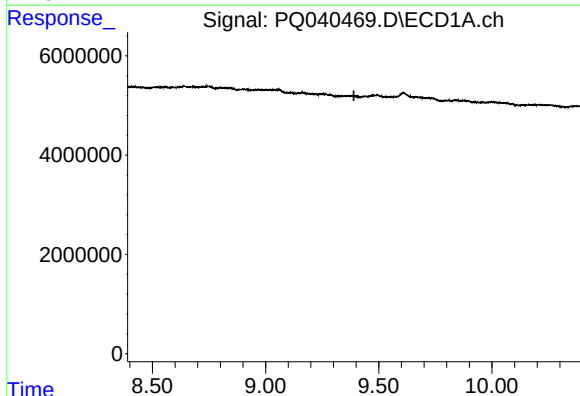
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



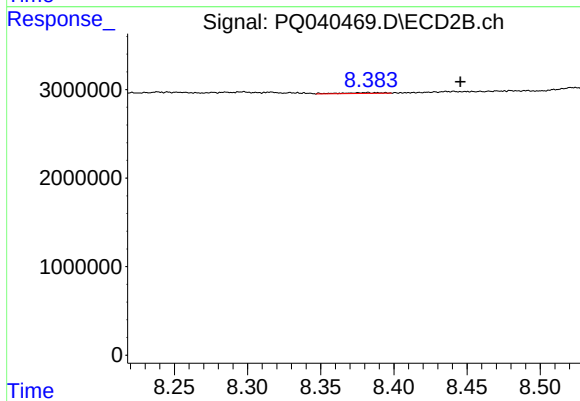
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: 0.022 min
Response: 321613
Conc: 1.80 ng/ml



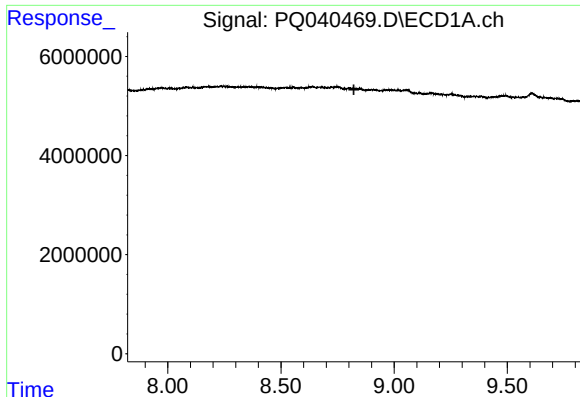
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 9.390 min
Response: 0
Conc: N.D.



#30 AR-1254-5

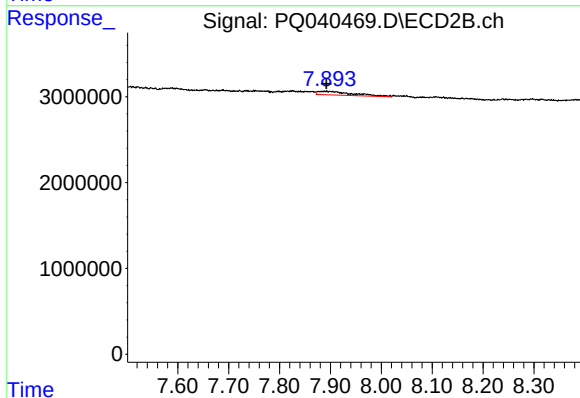
R.T.: 8.382 min
Delta R.T.: -0.064 min
Response: 168091
Conc: 0.65 ng/ml



#31 AR-1260-1

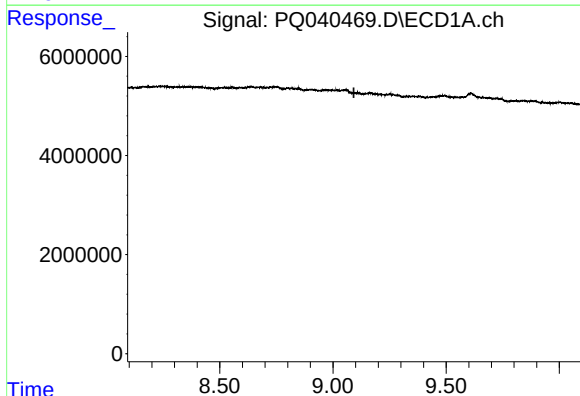
R.T.: 0.000 min
Exp R.T.: 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



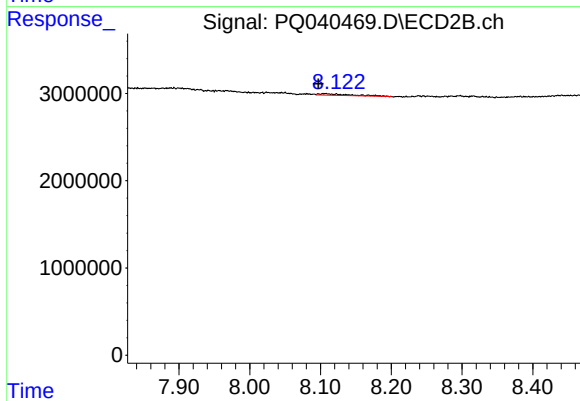
#31 AR-1260-1

R.T.: 7.898 min
Delta R.T.: 0.006 min
Response: 2061396
Conc: 7.52 ng/ml



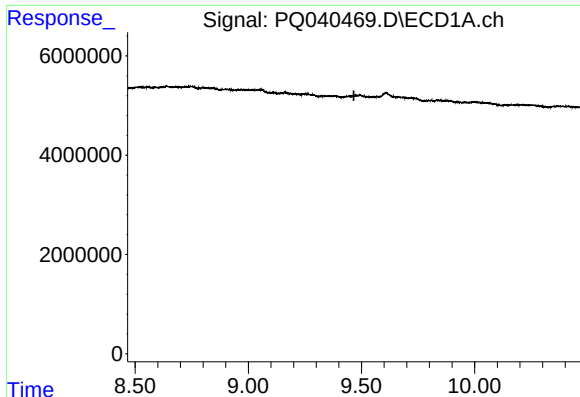
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

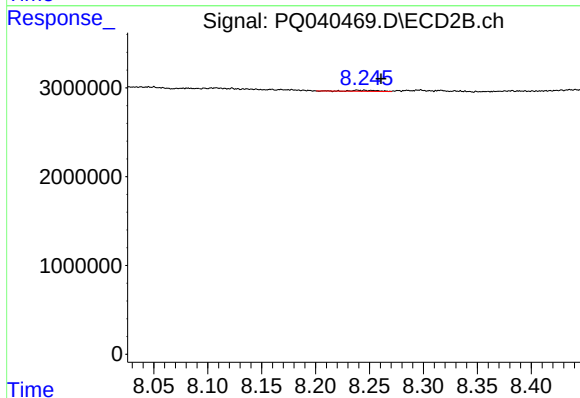
R.T.: 8.107 min
Delta R.T.: 0.010 min
Response: 444504
Conc: 1.29 ng/ml



#33 AR-1260-3

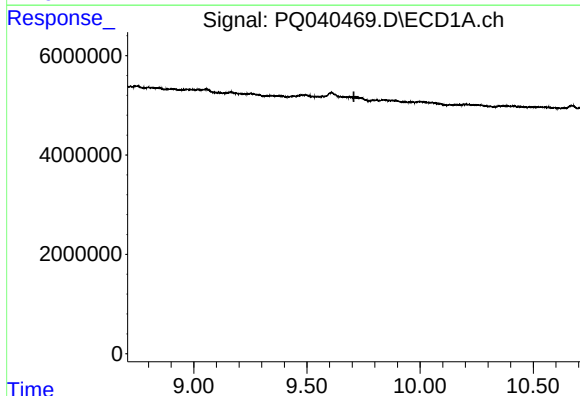
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



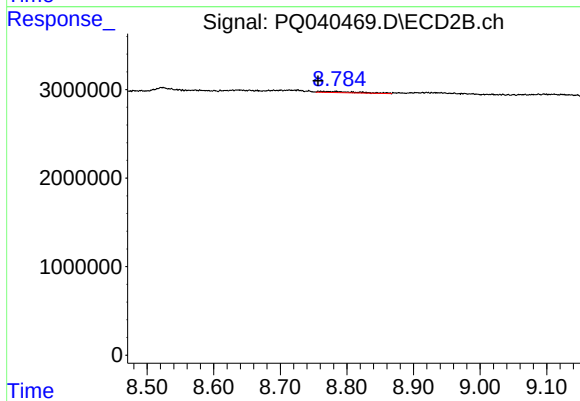
#33 AR-1260-3

R.T.: 8.240 min
Delta R.T.: -0.021 min
Response: 176604
Conc: 0.55 ng/ml



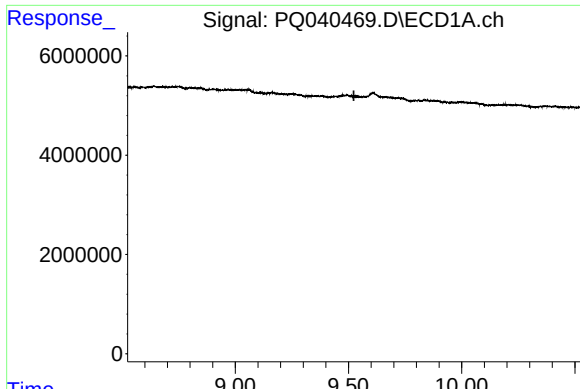
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

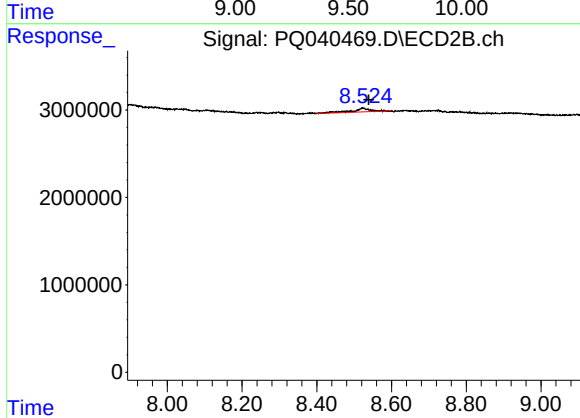
R.T.: 8.761 min
Delta R.T.: 0.004 min
Response: 542775
Conc: 2.00 ng/ml



#36 AR-1262-1

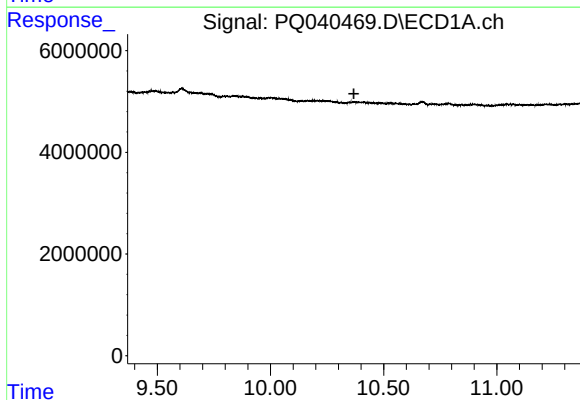
R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



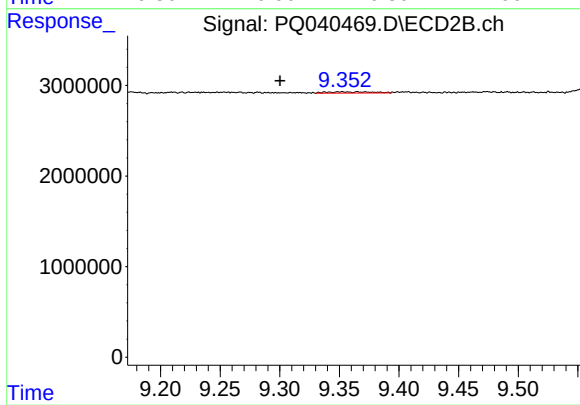
#36 AR-1262-1

R.T.: 8.523 min
Delta R.T.: -0.016 min
Response: 1458384
Conc: 12.84 ng/ml



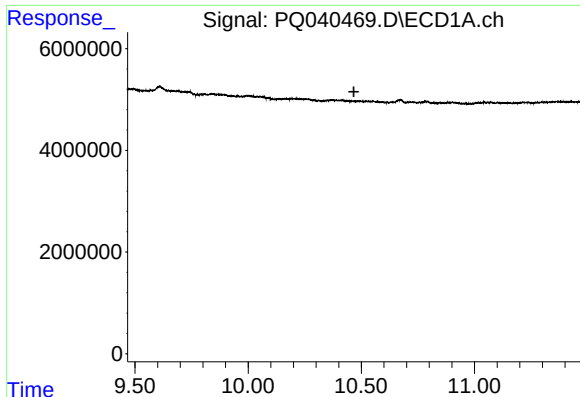
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

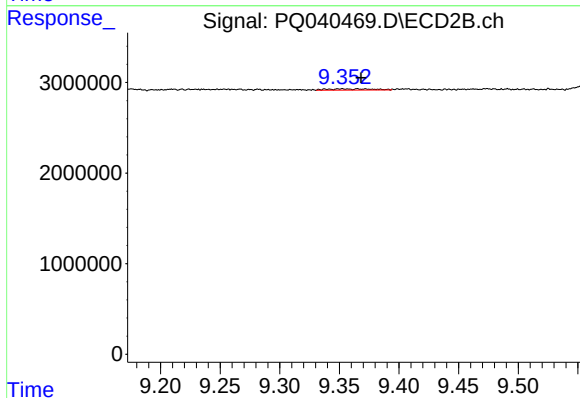
R.T.: 9.352 min
Delta R.T.: 0.052 min
Response: 356555
Conc: 1.70 ng/ml



#39 AR-1262-4

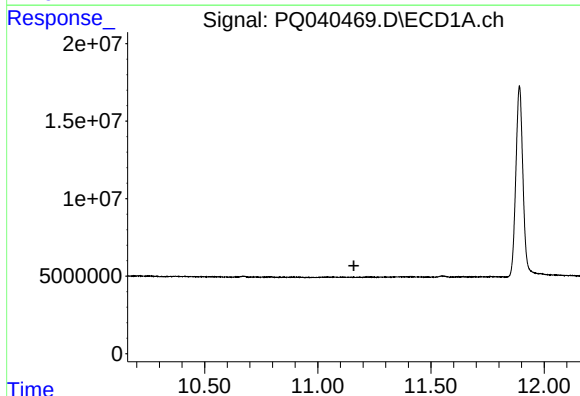
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



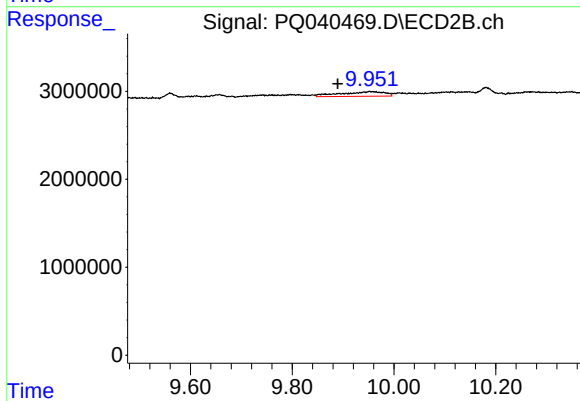
#39 AR-1262-4

R.T.: 9.352 min
Delta R.T.: -0.016 min
Response: 356555
Conc: 0.94 ng/ml



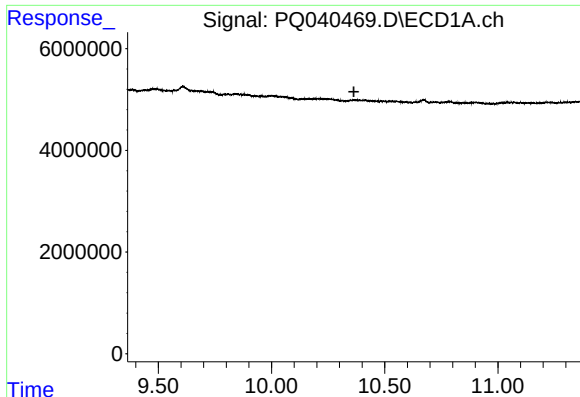
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

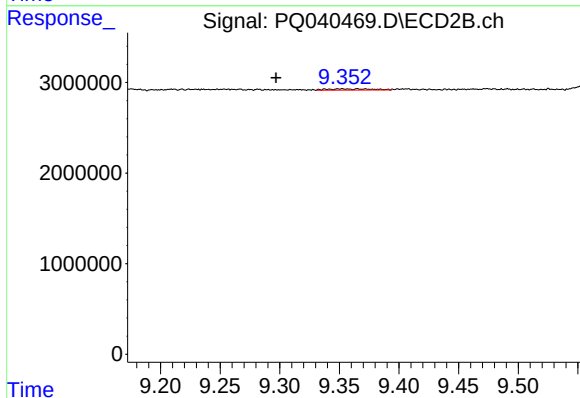
R.T.: 9.953 min
Delta R.T.: 0.063 min
Response: 3147697
Conc: 19.41 ng/ml



#41 AR-1268-1

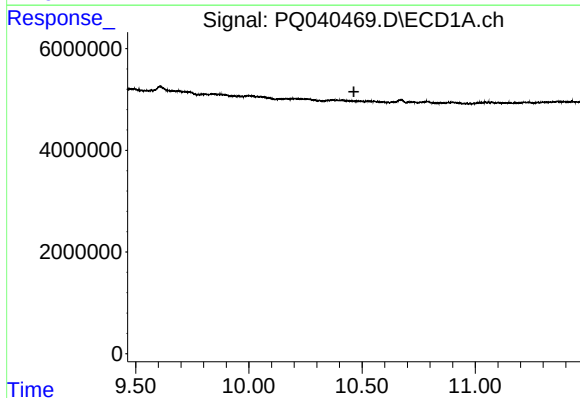
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



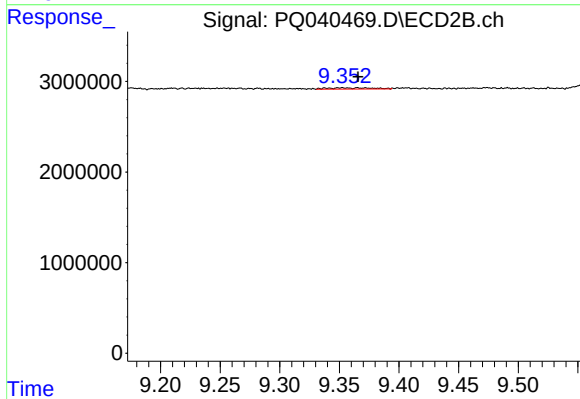
#41 AR-1268-1

R.T.: 9.352 min
Delta R.T.: 0.055 min
Response: 356555
Conc: 0.78 ng/ml



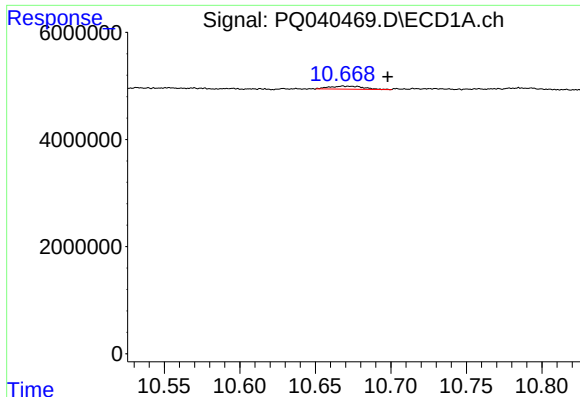
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

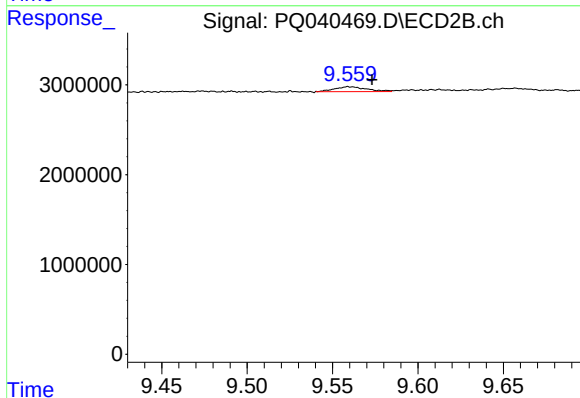
R.T.: 9.352 min
Delta R.T.: -0.013 min
Response: 356555
Conc: 0.82 ng/ml



#43 AR-1268-3

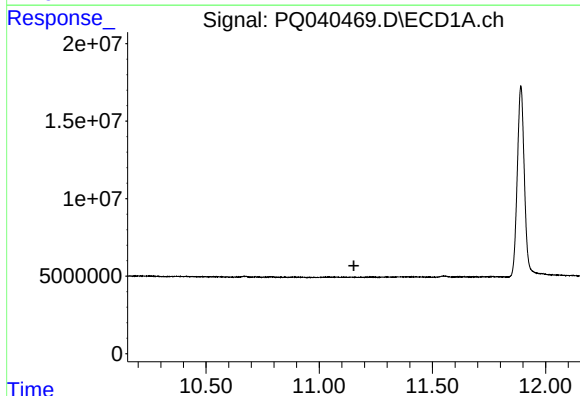
R.T.: 10.669 min
Delta R.T.: -0.029 min
Response: 874220
Conc: 1.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



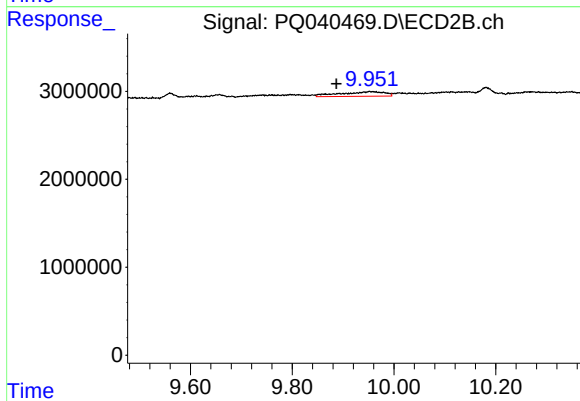
#43 AR-1268-3

R.T.: 9.560 min
Delta R.T.: -0.013 min
Response: 725092
Conc: 1.93 ng/ml



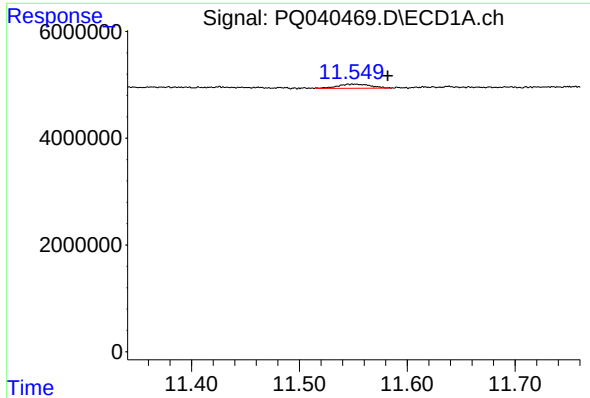
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

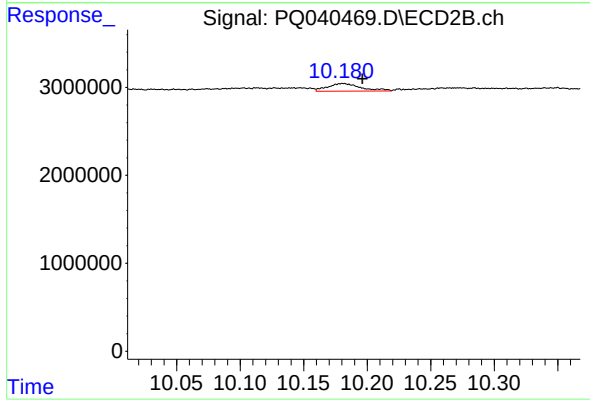
R.T.: 9.953 min
Delta R.T.: 0.066 min
Response: 3147697
Conc: 22.85 ng/ml



#45 AR-1268-5

R.T.: 11.546 min
Delta R.T.: -0.036 min
Response: 1602467
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.181 min
Delta R.T.: -0.016 min
Response: 1584790
Conc: 1.34 ng/ml