

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 01:05
 Operator : SM\AJ
 Sample : K3591-08
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:55:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 2019
 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...	5.695	4.783	29949180	10694977	18.797	17.656
2)	SA Decachlor...	12.082	10.555	137.8E6	69585248	21.852	22.216
Target Compounds							
3)	L1 AR-1016-1	7.135	6.237	2686607	1016226	39.329	34.450
4)	L1 AR-1016-2	7.162	6.260	3456407	1296417	35.276	33.096
5)	L1 AR-1016-3	7.233	6.475	2496517	701227	41.463	33.334
6)	L1 AR-1016-4	7.345	6.533	1893425	608496	37.797	34.927
7)	L1 AR-1016-5	7.680	6.783	2108908	630796	39.847	28.184 #
8)	L2 AR-1221-1	0.000	5.090	0	211647	N.D.	36.312 #
9)	L2 AR-1221-2	0.000	5.207	0	398183	N.D.	82.811 #
10)	L2 AR-1221-3	6.176	5.314	3647236	1229731	89.488	74.924
11)	L3 AR-1232-1	6.176	5.314	3647236	1229731	80.740	66.552
12)	L3 AR-1232-2	6.819	6.260	2705796	1296417	107.775	64.985 #
13)	L3 AR-1232-3	7.162	6.475	3456407	701227	64.647	64.601
14)	L3 AR-1232-4	7.345	6.579	1893425	840763	73.149	82.356
15)	L3 AR-1232-5	7.452	6.783	2092456	630796	102.550	57.625 #
16)	L4 AR-1242-1	7.135	6.237	2686607	1016226	65.612	58.823
17)	L4 AR-1242-2	7.162	6.260	3456407	1296417	58.674	55.825
18)	L4 AR-1242-3	7.233	6.475	2496517	701227	67.007	56.737
19)	L4 AR-1242-4	7.345	6.579	1893425	840763	63.528	66.171
20)	L4 AR-1242-5	8.167	7.190	2523552	1223914	60.687	61.131
21)	L5 AR-1248-1	7.135	6.237	2686607	1016226	85.020	80.690
22)	L5 AR-1248-2	7.452	6.533	2092456	608496	48.901	34.359 #
23)	L5 AR-1248-3	7.680	6.579	2108908	840763	39.322	44.909
24)	L5 AR-1248-4	8.127	6.783	2473548	630796	34.293	27.337
25)	L5 AR-1248-5	8.167	7.236	2523552	1223390	34.859	43.165
26)	L6 AR-1254-1	8.095	7.190	2464623	1223914	34.330	27.057
27)	L6 AR-1254-2	8.338	7.357	1714050	362496	13.941	8.225 #
28)	L6 AR-1254-3	0.000	7.806	0	1766707	N.D.	23.685 #
29)	L6 AR-1254-4	0.000	8.052	0	1065321	N.D.	19.250 #
30)	L6 AR-1254-5	0.000	8.502	0	1023241	N.D.	12.555 #
31)	L7 AR-1260-1	0.000	7.955	0	1780972	N.D.	30.679 #
32)	L7 AR-1260-2	0.000	8.148	0	681916	N.D.	8.919 #
34)	L7 AR-1260-4	0.000	8.813	0	389928	N.D.	5.915 #
35)	L7 AR-1260-5	0.000	9.065	0	191358	N.D.	1.019 #
36)	L8 AR-1262-1	0.000	8.502	0	1023241	N.D.	10.349 #
37)	L8 AR-1262-2	0.000	9.065	0	191358	N.D.	0.856 #
38)	L8 AR-1262-3	0.000	9.365	0	427881	N.D.	3.719 #
39)	L8 AR-1262-4	0.000	9.430	0	727622	N.D.	3.230 #
40)	L8 AR-1262-5	0.000	9.966	0	1103146	N.D.	7.140 #
41)	L9 AR-1268-1	0.000	9.365	0	427881	N.D.	1.309 #
42)	L9 AR-1268-2	0.000	9.430	0	727622	N.D.	2.275 #

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 Operator : SM\AJ
 Sample : K3591-08
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 32 Sample Multiplier: 1

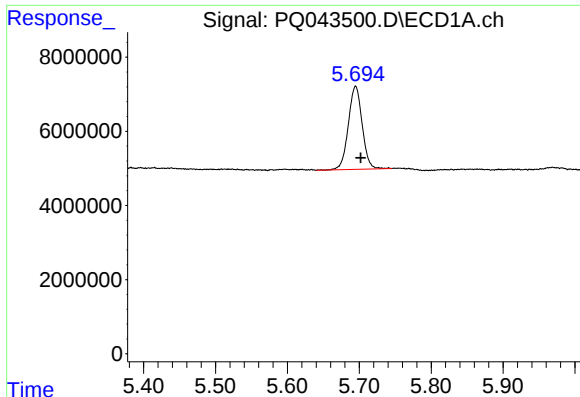
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:55:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.821	9.643	1730663	879367	3.265	3.103
44) L9	AR-1268-4	0.000	9.966	0	1103146	N.D.	6.788 #
45) L9	AR-1268-5	0.000	10.272	0	1324765	N.D.	1.055 #

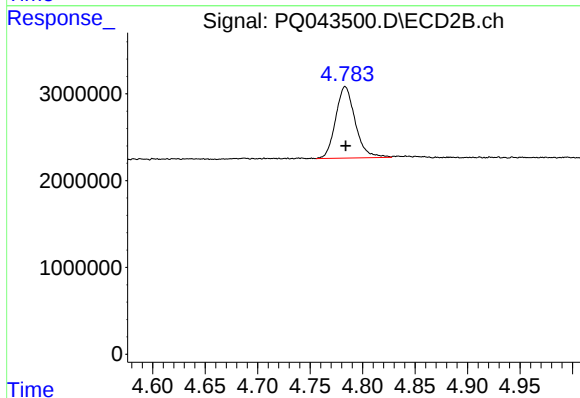
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

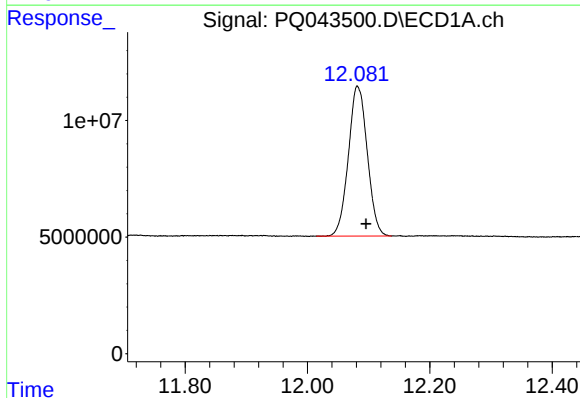
R.T.: 5.695 min
Delta R.T.: -0.007 min
Response: 29949180
Conc: 18.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



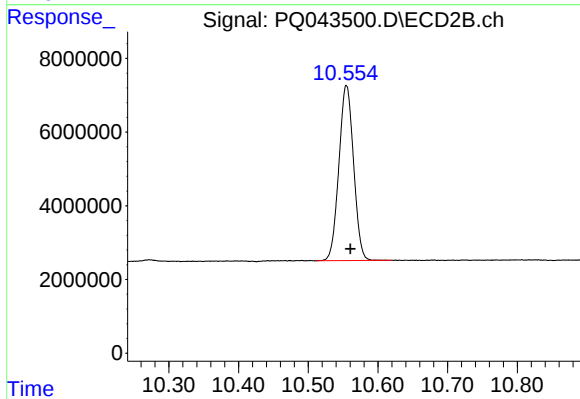
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 10694977
Conc: 17.66 ng/ml



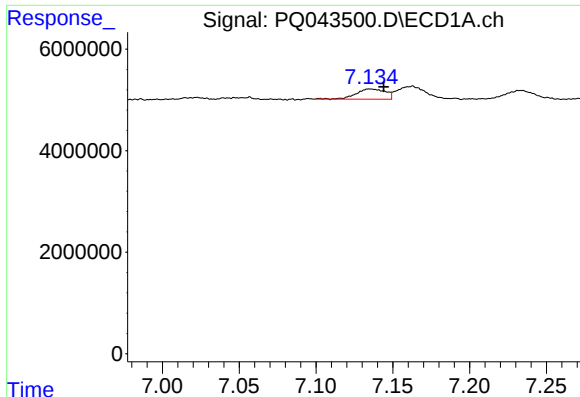
#2 Decachlorobiphenyl

R.T.: 12.082 min
Delta R.T.: -0.014 min
Response: 137824418
Conc: 21.85 ng/ml



#2 Decachlorobiphenyl

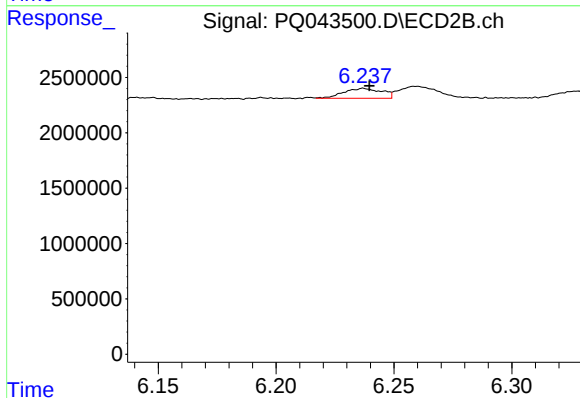
R.T.: 10.555 min
Delta R.T.: -0.006 min
Response: 69585248
Conc: 22.22 ng/ml



#3 AR-1016-1

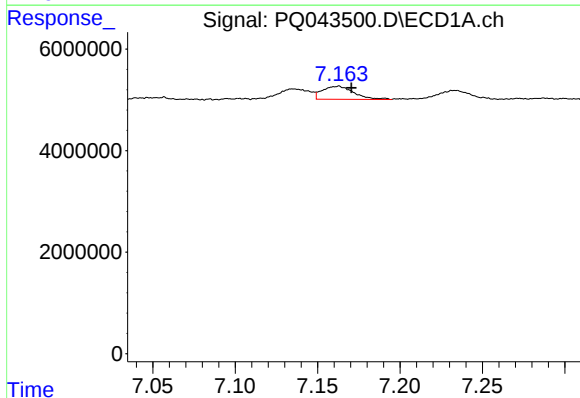
R.T.: 7.135 min
Delta R.T.: -0.009 min
Response: 2686607
Conc: 39.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



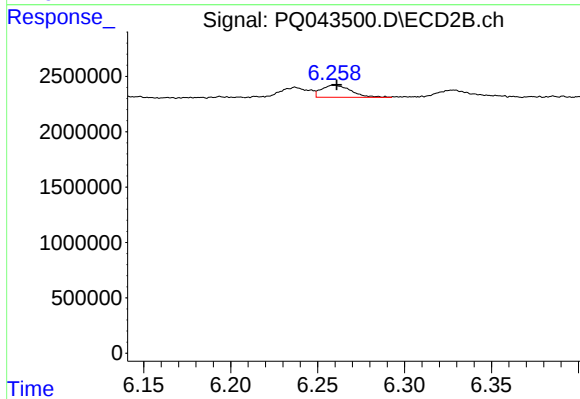
#3 AR-1016-1

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 1016226
Conc: 34.45 ng/ml



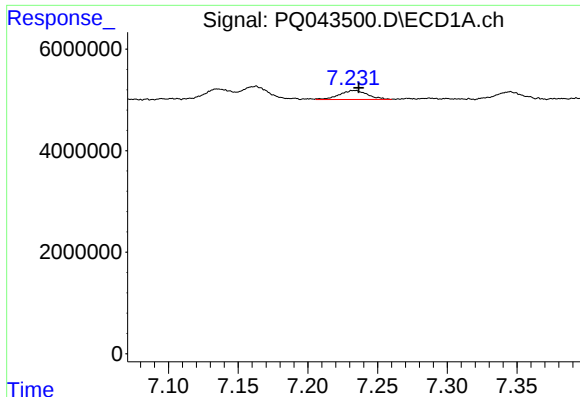
#4 AR-1016-2

R.T.: 7.162 min
Delta R.T.: -0.008 min
Response: 3456407
Conc: 35.28 ng/ml



#4 AR-1016-2

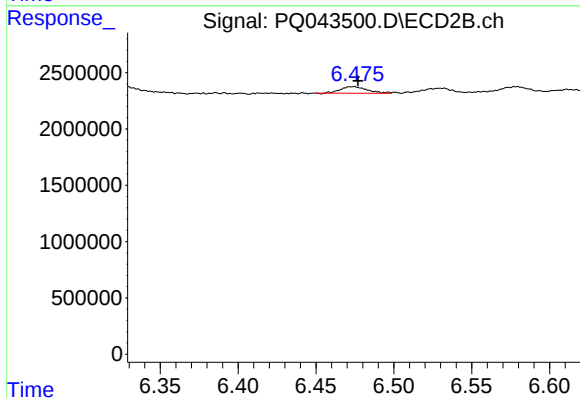
R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 1296417
Conc: 33.10 ng/ml



#5 AR-1016-3

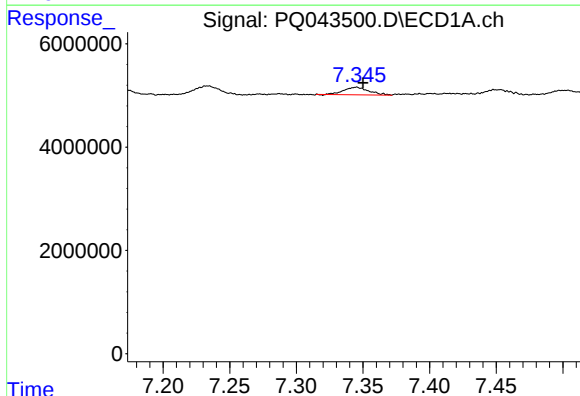
R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 2496517
Conc: 41.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



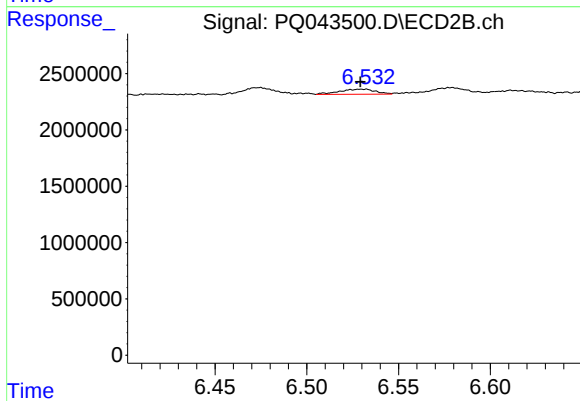
#5 AR-1016-3

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 701227
Conc: 33.33 ng/ml



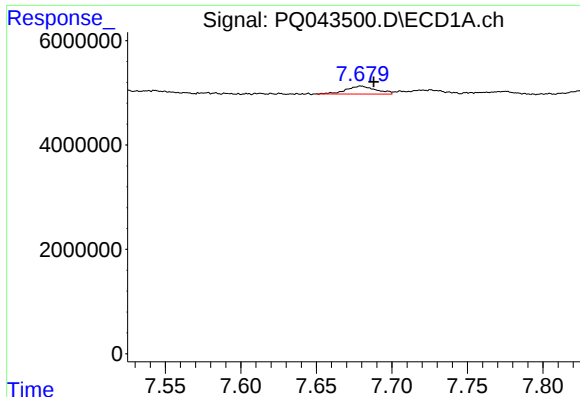
#6 AR-1016-4

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 1893425
Conc: 37.80 ng/ml



#6 AR-1016-4

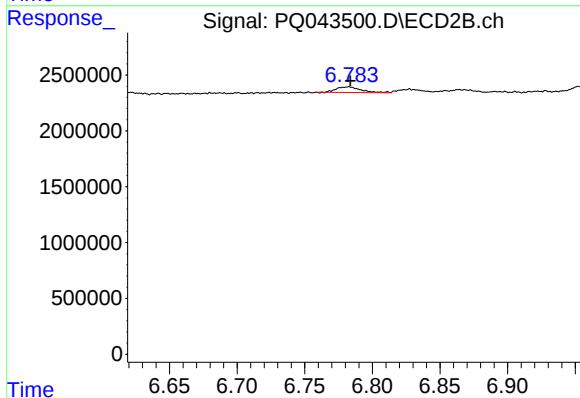
R.T.: 6.533 min
Delta R.T.: 0.003 min
Response: 608496
Conc: 34.93 ng/ml



#7 AR-1016-5

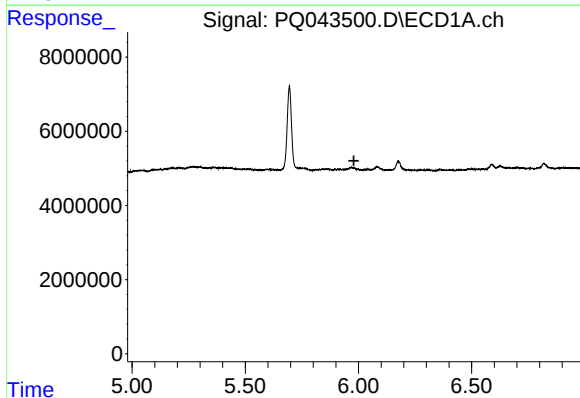
R.T.: 7.680 min
Delta R.T.: -0.008 min
Response: 2108908
Conc: 39.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



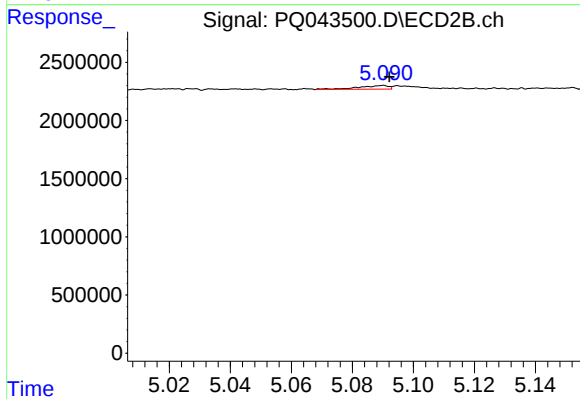
#7 AR-1016-5

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 630796
Conc: 28.18 ng/ml



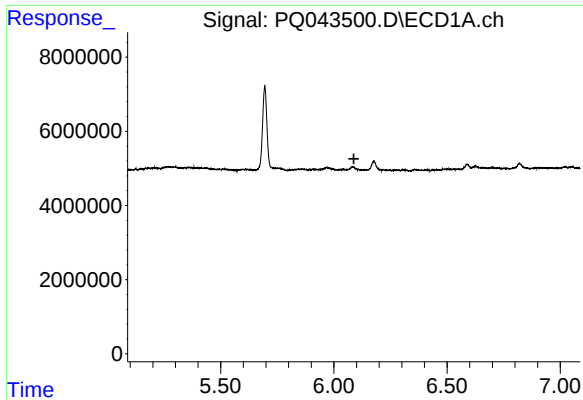
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

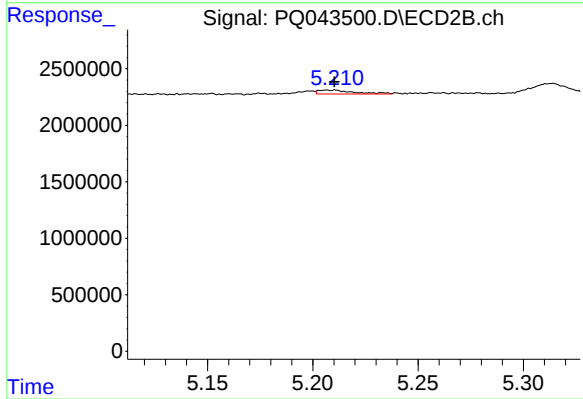
R.T.: 5.090 min
Delta R.T.: -0.002 min
Response: 211647
Conc: 36.31 ng/ml



#9 AR-1221-2

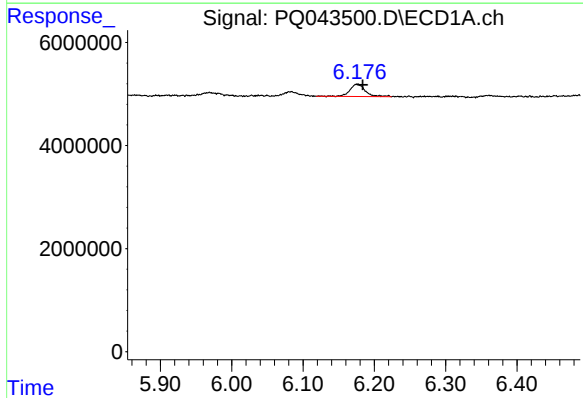
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



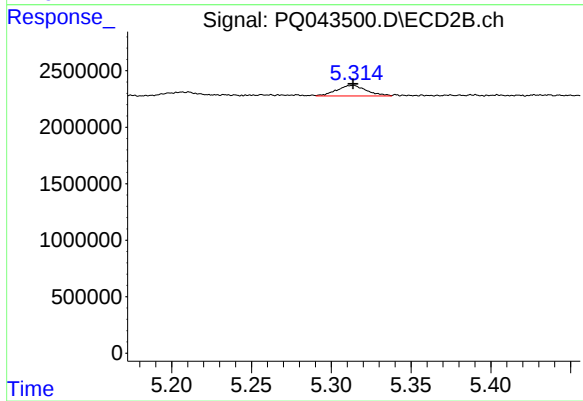
#9 AR-1221-2

R.T.: 5.207 min
Delta R.T.: -0.004 min
Response: 398183
Conc: 82.81 ng/ml



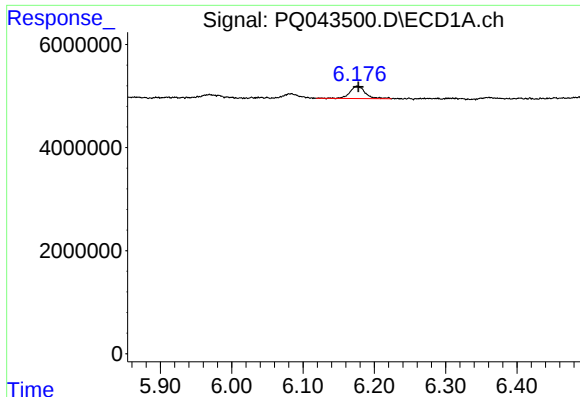
#10 AR-1221-3

R.T.: 6.176 min
Delta R.T.: -0.008 min
Response: 3647236
Conc: 89.49 ng/ml



#10 AR-1221-3

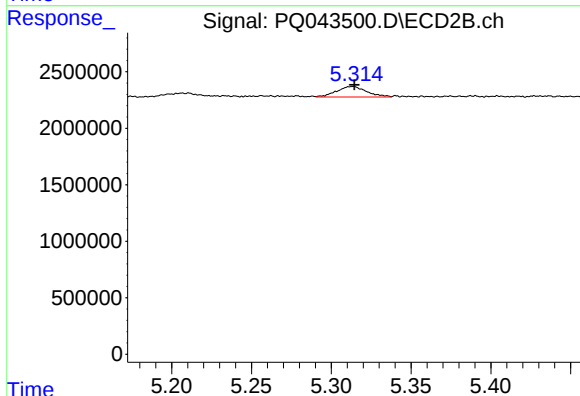
R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 1229731
Conc: 74.92 ng/ml



#11 AR-1232-1

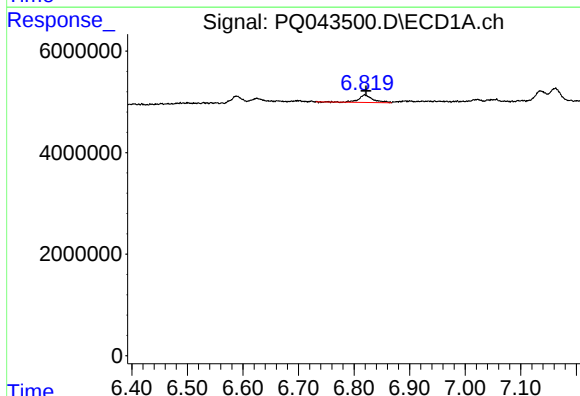
R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 3647236
Conc: 80.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



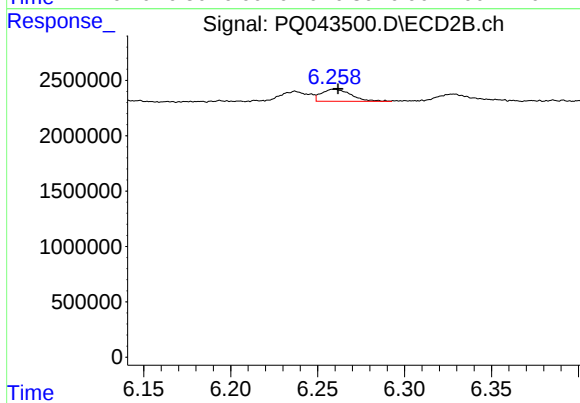
#11 AR-1232-1

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 1229731
Conc: 66.55 ng/ml



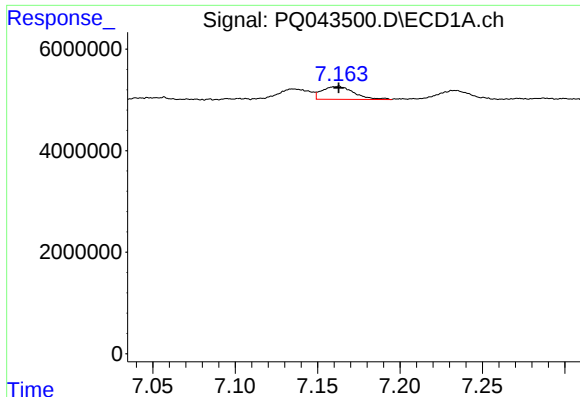
#12 AR-1232-2

R.T.: 6.819 min
Delta R.T.: -0.002 min
Response: 2705796
Conc: 107.78 ng/ml



#12 AR-1232-2

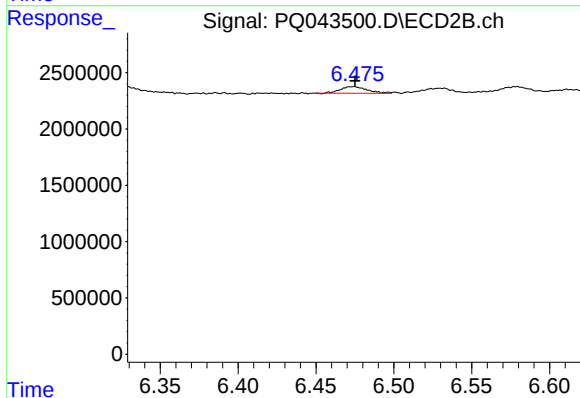
R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 1296417
Conc: 64.98 ng/ml



#13 AR-1232-3

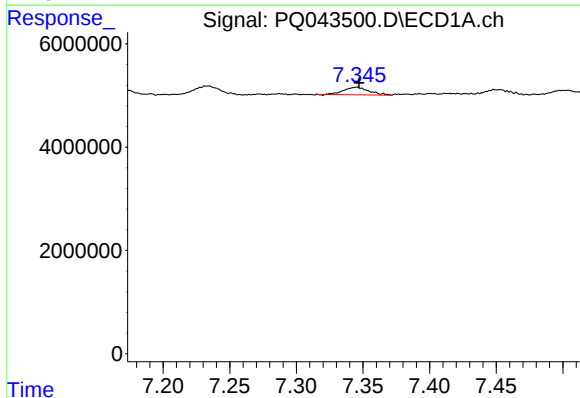
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 3456407
Conc: 64.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



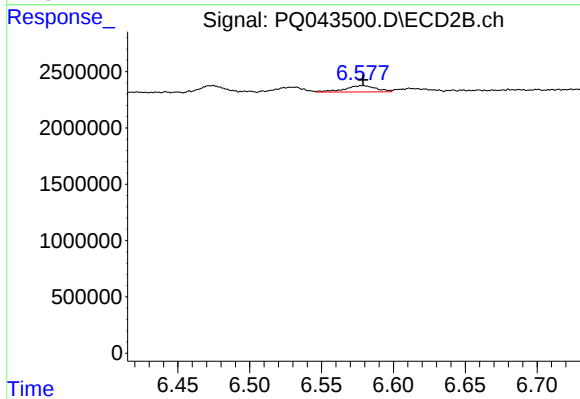
#13 AR-1232-3

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 701227
Conc: 64.60 ng/ml



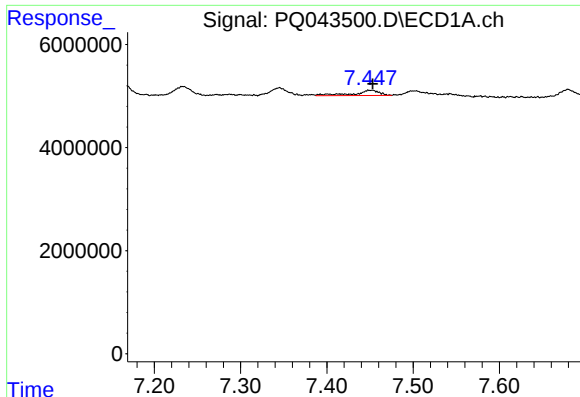
#14 AR-1232-4

R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 1893425
Conc: 73.15 ng/ml



#14 AR-1232-4

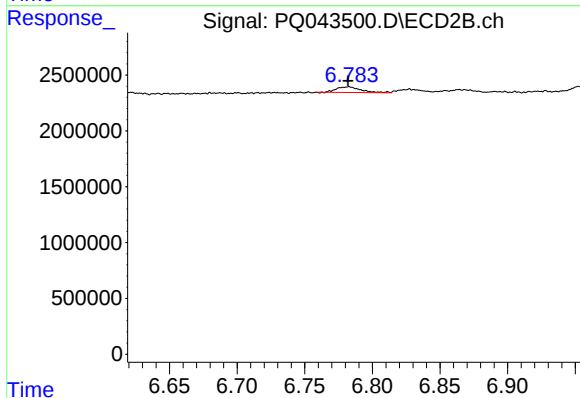
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 840763
Conc: 82.36 ng/ml



#15 AR-1232-5

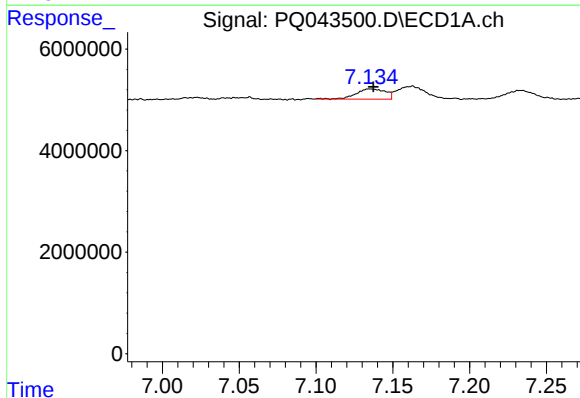
R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 2092456
Conc: 102.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



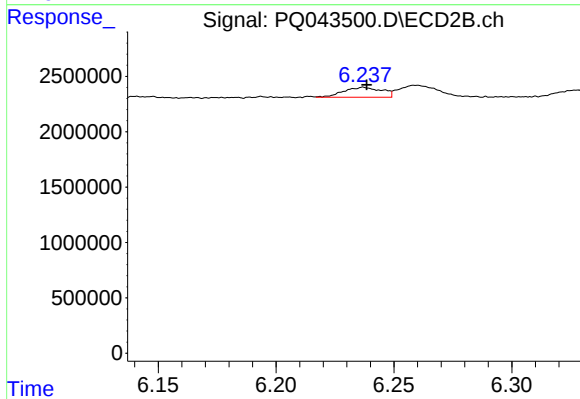
#15 AR-1232-5

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 630796
Conc: 57.62 ng/ml



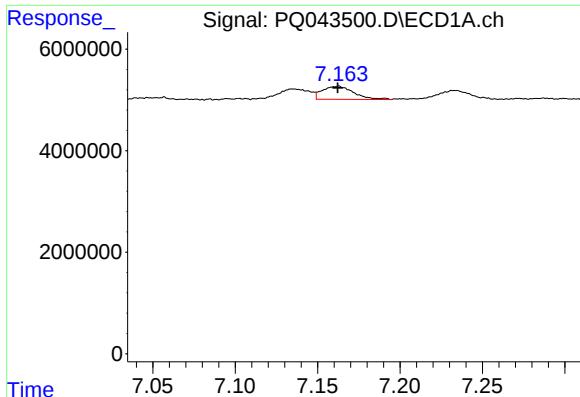
#16 AR-1242-1

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 2686607
Conc: 65.61 ng/ml



#16 AR-1242-1

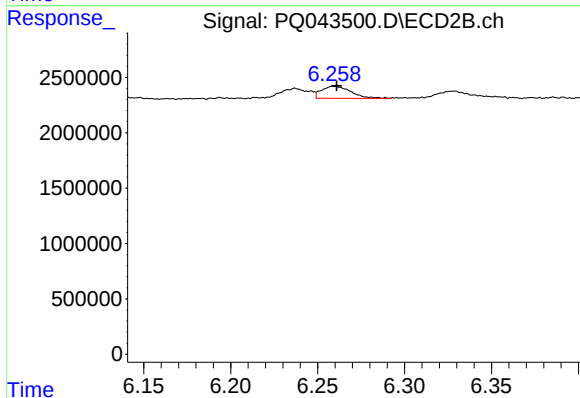
R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 1016226
Conc: 58.82 ng/ml



#17 AR-1242-2

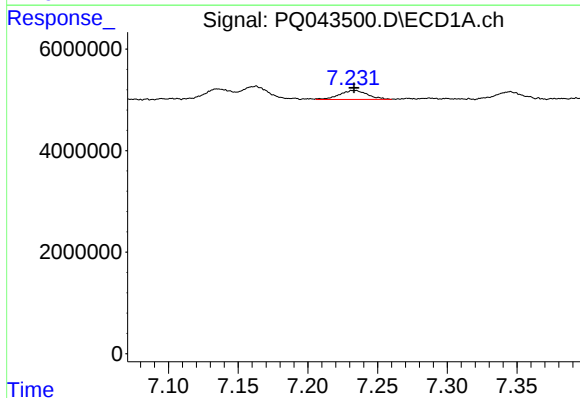
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 3456407
Conc: 58.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



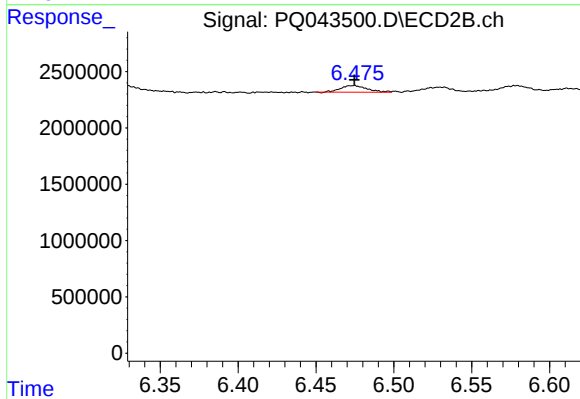
#17 AR-1242-2

R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 1296417
Conc: 55.83 ng/ml



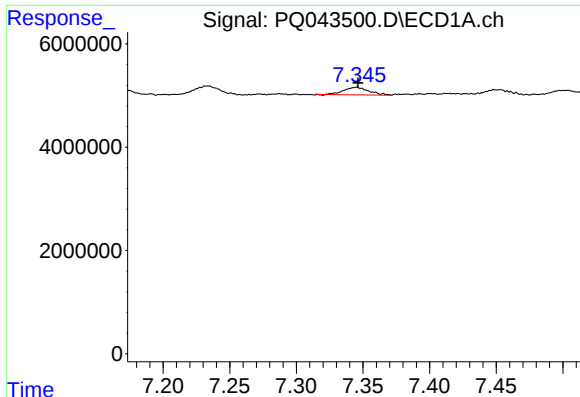
#18 AR-1242-3

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 2496517
Conc: 67.01 ng/ml



#18 AR-1242-3

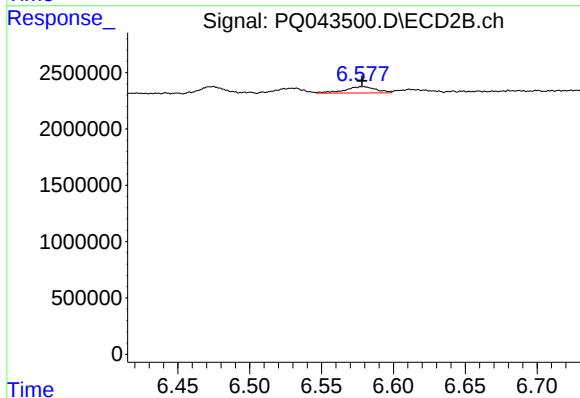
R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 701227
Conc: 56.74 ng/ml



#19 AR-1242-4

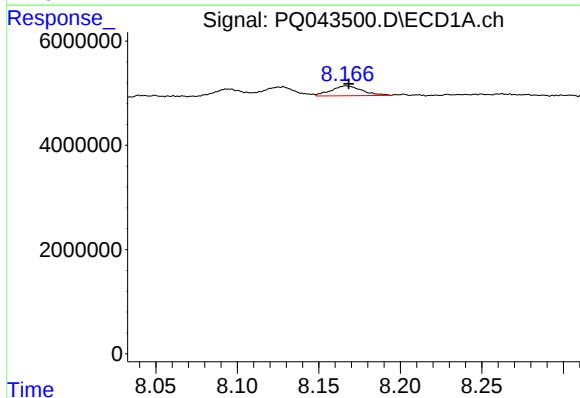
R.T.: 7.345 min
Delta R.T.: -0.001 min
Response: 1893425
Conc: 63.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



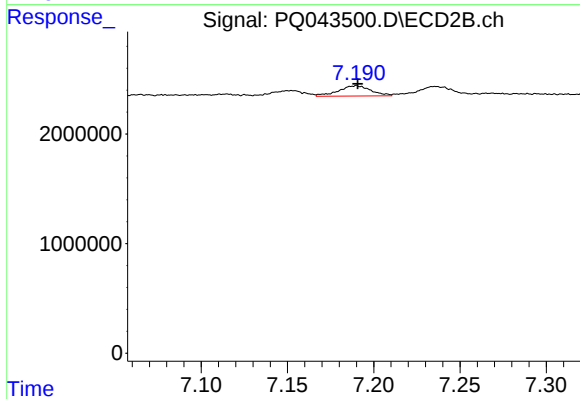
#19 AR-1242-4

R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 840763
Conc: 66.17 ng/ml



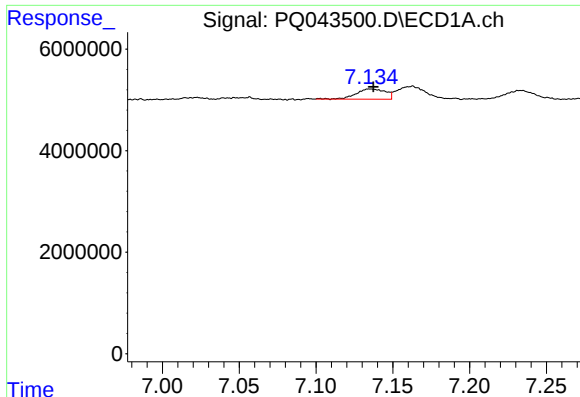
#20 AR-1242-5

R.T.: 8.167 min
Delta R.T.: -0.001 min
Response: 2523552
Conc: 60.69 ng/ml



#20 AR-1242-5

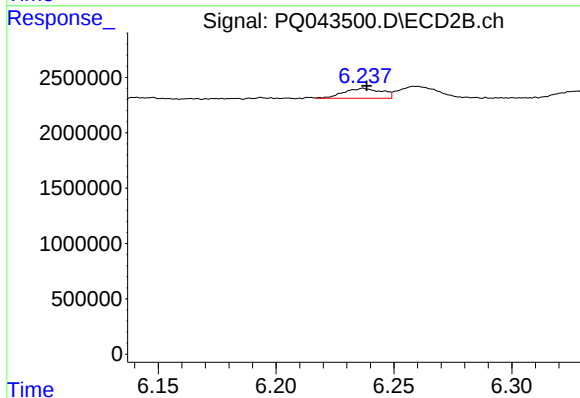
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 1223914
Conc: 61.13 ng/ml



#21 AR-1248-1

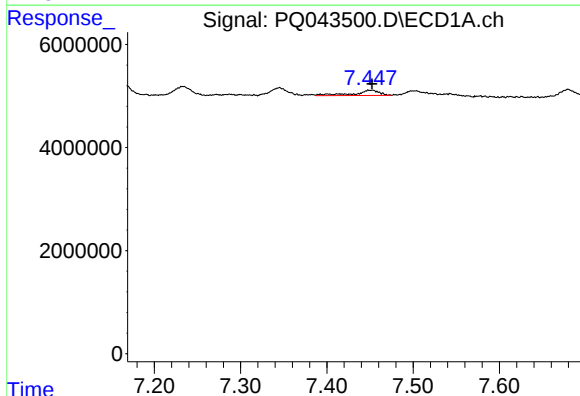
R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 2686607
Conc: 85.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



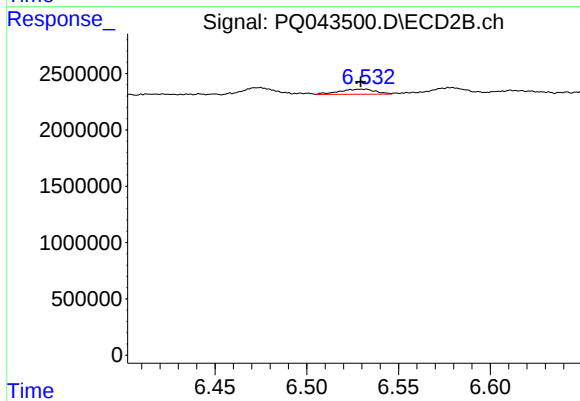
#21 AR-1248-1

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 1016226
Conc: 80.69 ng/ml



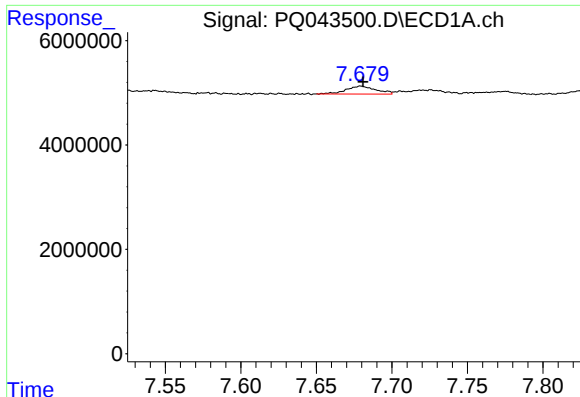
#22 AR-1248-2

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 2092456
Conc: 48.90 ng/ml



#22 AR-1248-2

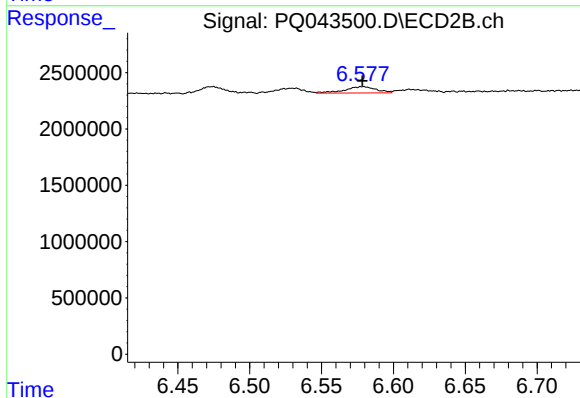
R.T.: 6.533 min
Delta R.T.: 0.003 min
Response: 608496
Conc: 34.36 ng/ml



#23 AR-1248-3

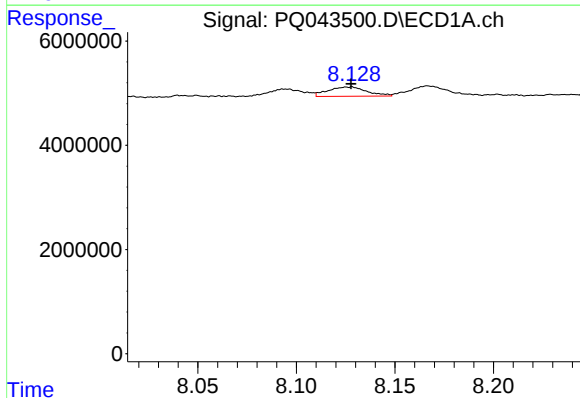
R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 2108908
Conc: 39.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



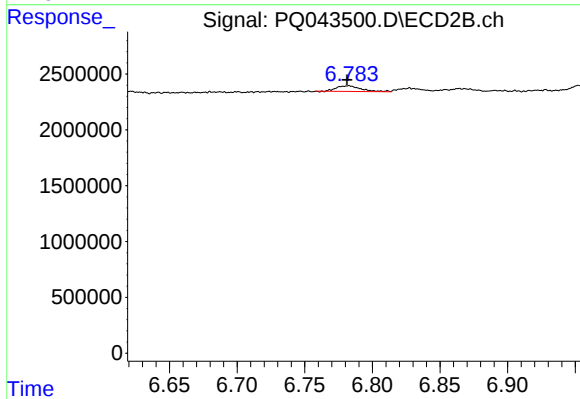
#23 AR-1248-3

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 840763
Conc: 44.91 ng/ml



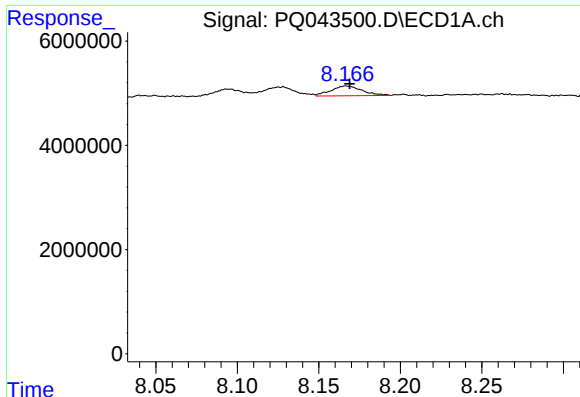
#24 AR-1248-4

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 2473548
Conc: 34.29 ng/ml



#24 AR-1248-4

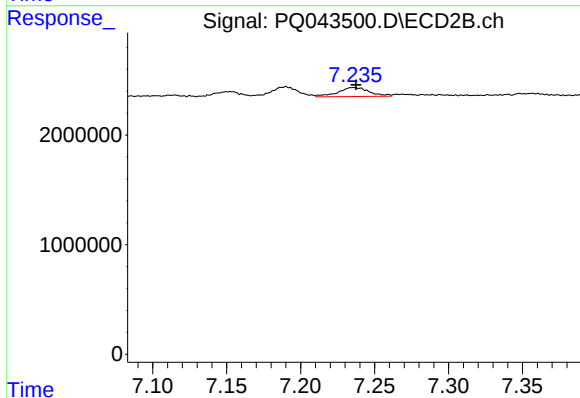
R.T.: 6.783 min
Delta R.T.: 0.001 min
Response: 630796
Conc: 27.34 ng/ml



#25 AR-1248-5

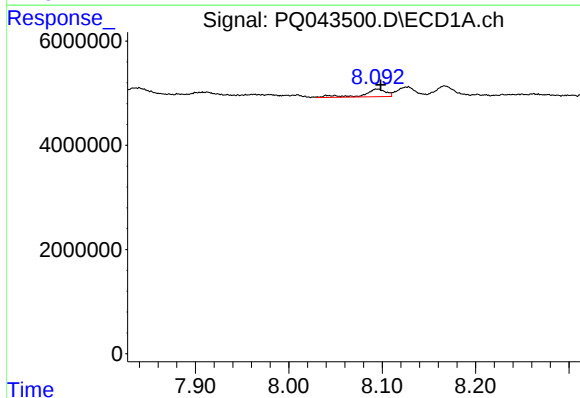
R.T.: 8.167 min
Delta R.T.: -0.002 min
Response: 2523552
Conc: 34.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



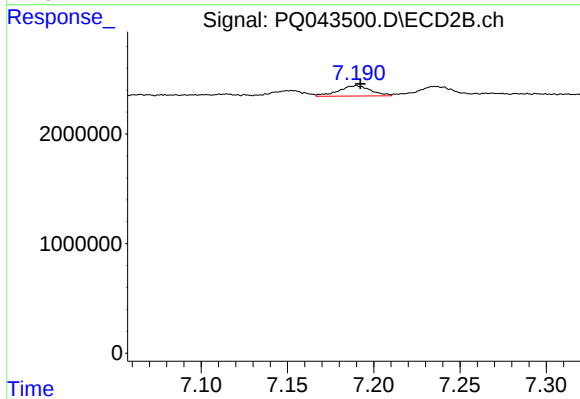
#25 AR-1248-5

R.T.: 7.236 min
Delta R.T.: -0.002 min
Response: 1223390
Conc: 43.17 ng/ml



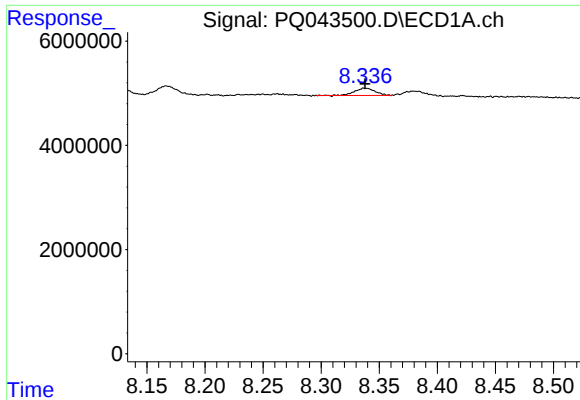
#26 AR-1254-1

R.T.: 8.095 min
Delta R.T.: -0.004 min
Response: 2464623
Conc: 34.33 ng/ml



#26 AR-1254-1

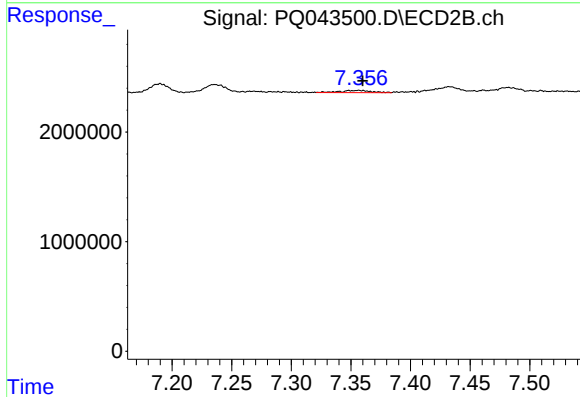
R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 1223914
Conc: 27.06 ng/ml



#27 AR-1254-2

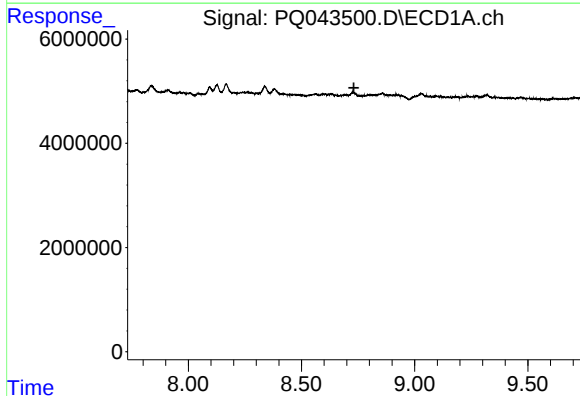
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 1714050
Conc: 13.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



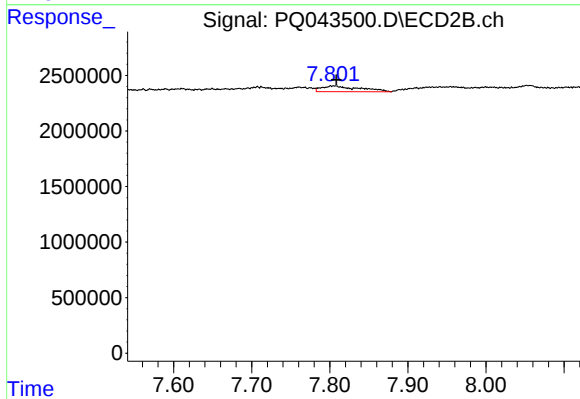
#27 AR-1254-2

R.T.: 7.357 min
Delta R.T.: -0.003 min
Response: 362496
Conc: 8.23 ng/ml



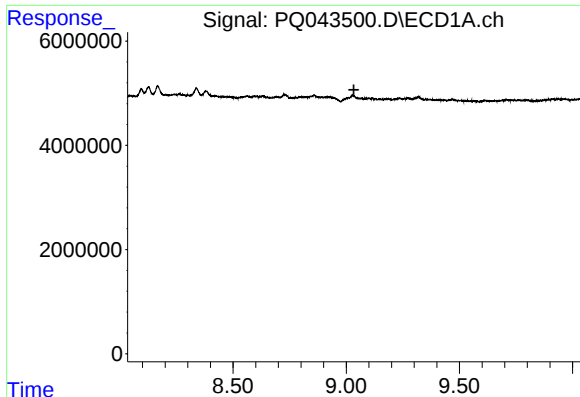
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#28 AR-1254-3

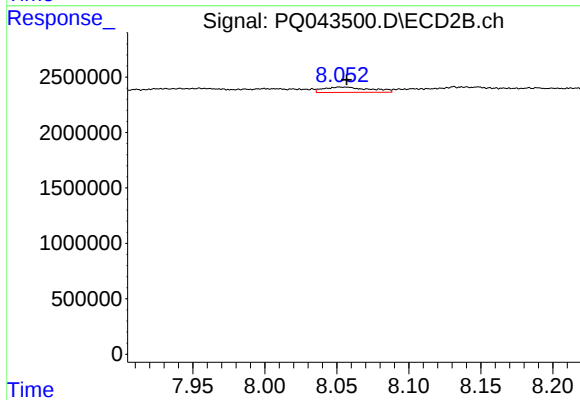
R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1766707
Conc: 23.68 ng/ml



#29 AR-1254-4

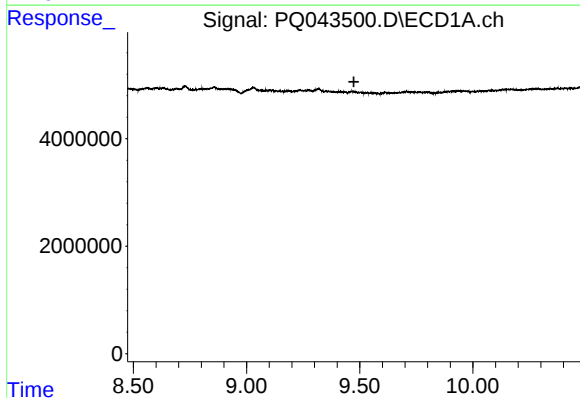
R.T.: 0.000 min
Exp R.T.: 9.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



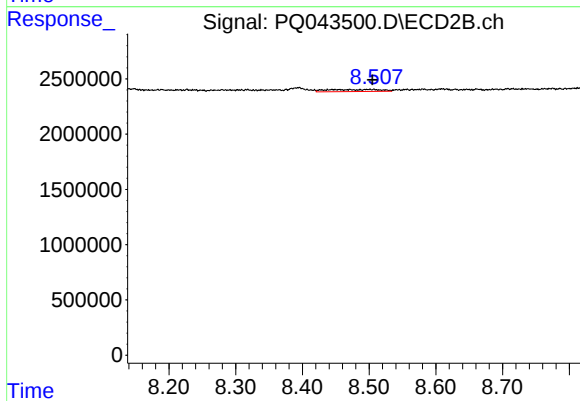
#29 AR-1254-4

R.T.: 8.052 min
Delta R.T.: -0.004 min
Response: 1065321
Conc: 19.25 ng/ml



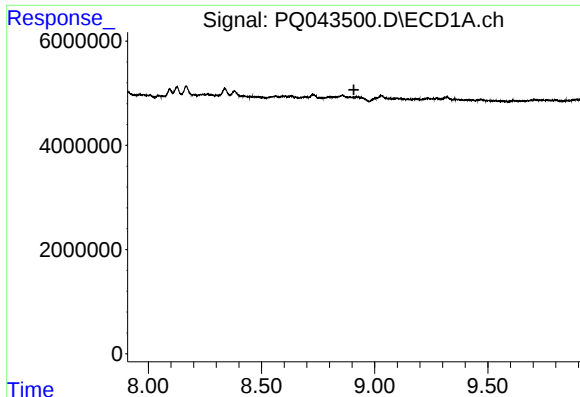
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 9.474 min
Response: 0
Conc: N.D.



#30 AR-1254-5

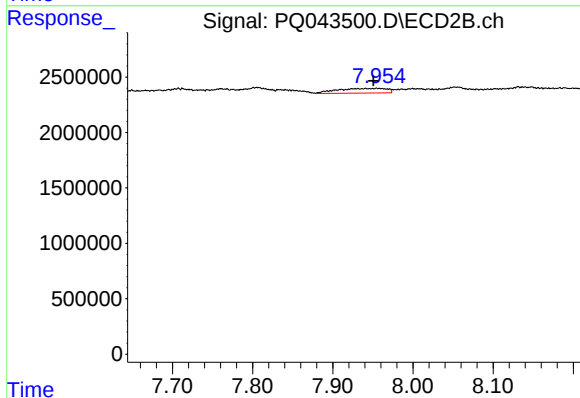
R.T.: 8.502 min
Delta R.T.: -0.003 min
Response: 1023241
Conc: 12.56 ng/ml



#31 AR-1260-1

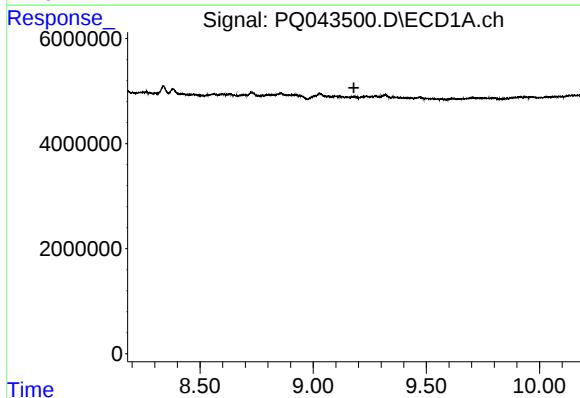
R.T.: 0.000 min
Exp R.T.: 8.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



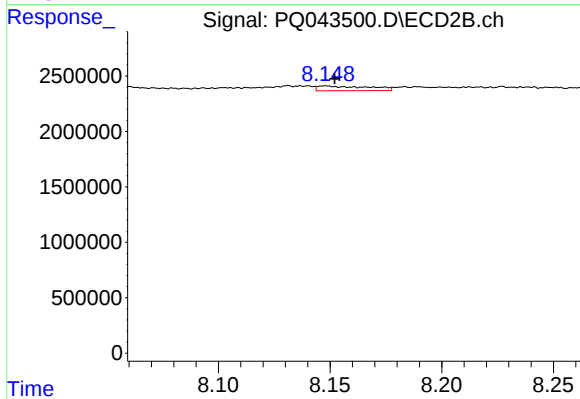
#31 AR-1260-1

R.T.: 7.955 min
Delta R.T.: 0.004 min
Response: 1780972
Conc: 30.68 ng/ml



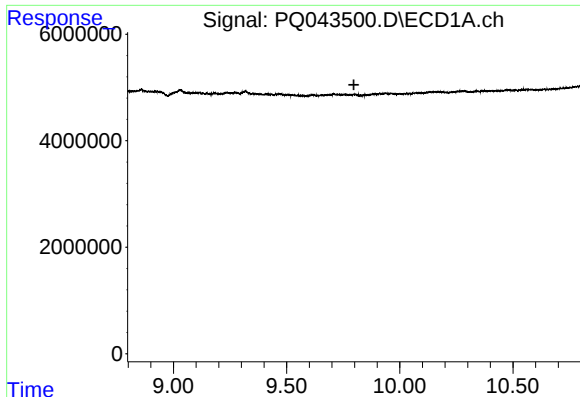
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 9.180 min
Response: 0
Conc: N.D.



#32 AR-1260-2

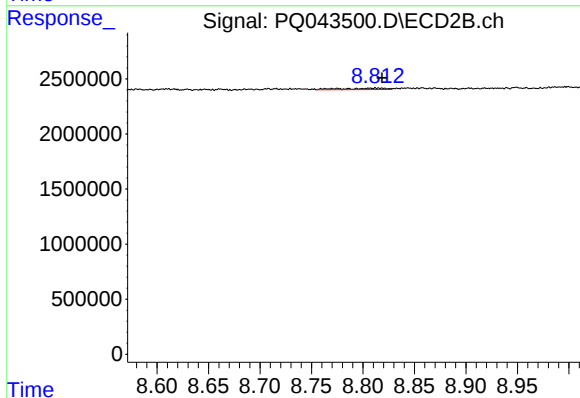
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 681916
Conc: 8.92 ng/ml



#34 AR-1260-4

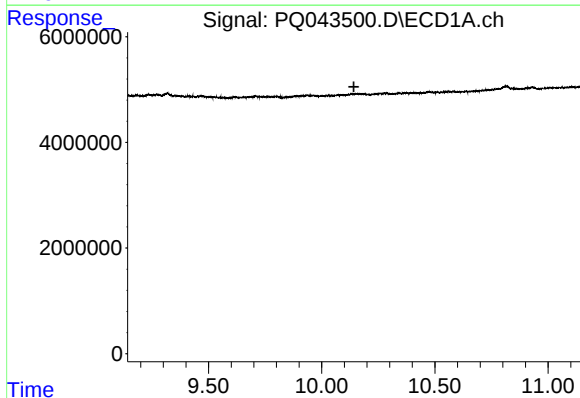
R.T.: 0.000 min
Exp R.T.: 9.797 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



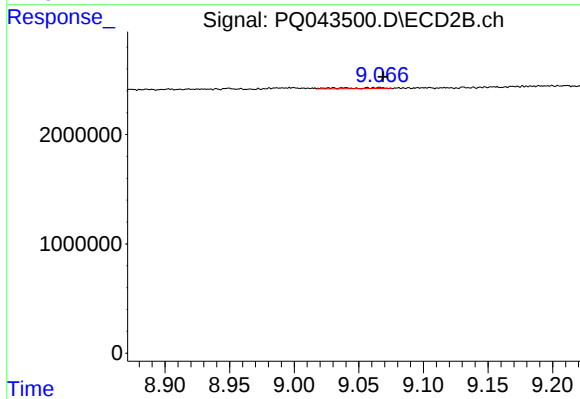
#34 AR-1260-4

R.T.: 8.813 min
Delta R.T.: -0.005 min
Response: 389928
Conc: 5.91 ng/ml



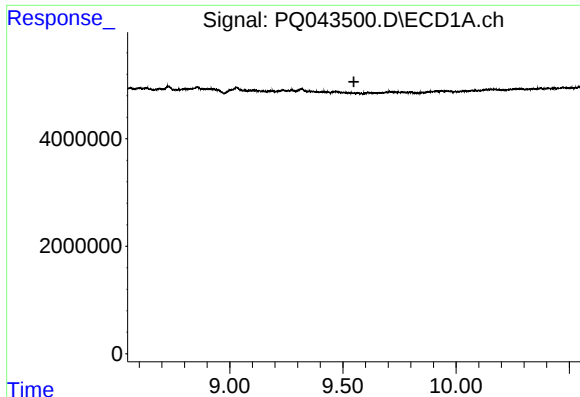
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 10.142 min
Response: 0
Conc: N.D.



#35 AR-1260-5

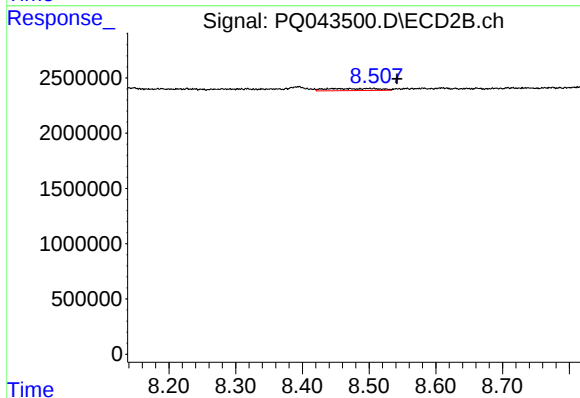
R.T.: 9.065 min
Delta R.T.: -0.004 min
Response: 191358
Conc: 1.02 ng/ml



#36 AR-1262-1

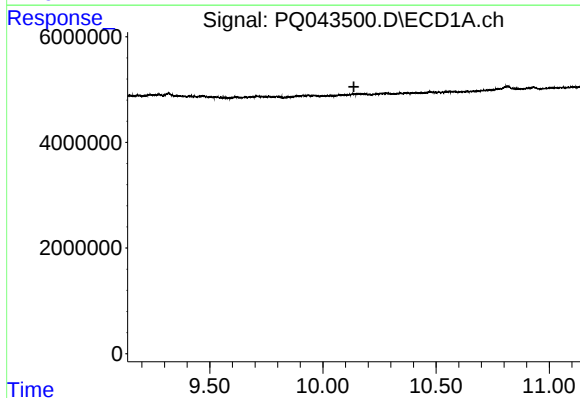
R.T.: 0.000 min
Exp R.T.: 9.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



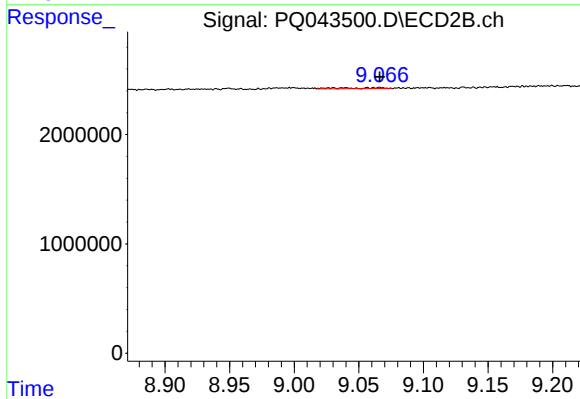
#36 AR-1262-1

R.T.: 8.502 min
Delta R.T.: -0.040 min
Response: 1023241
Conc: 10.35 ng/ml



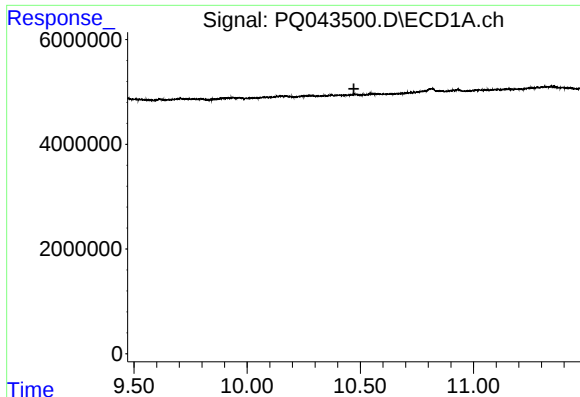
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 10.137 min
Response: 0
Conc: N.D.



#37 AR-1262-2

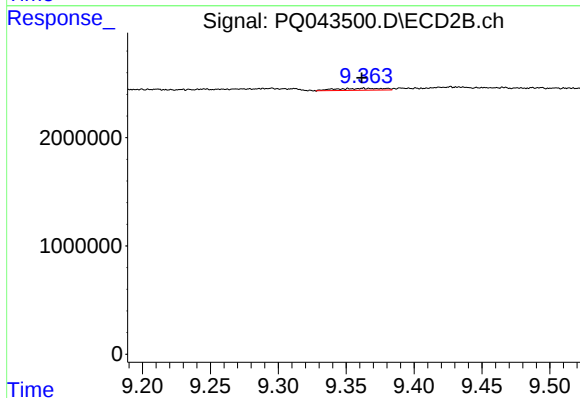
R.T.: 9.065 min
Delta R.T.: -0.001 min
Response: 191358
Conc: 0.86 ng/ml



#38 AR-1262-3

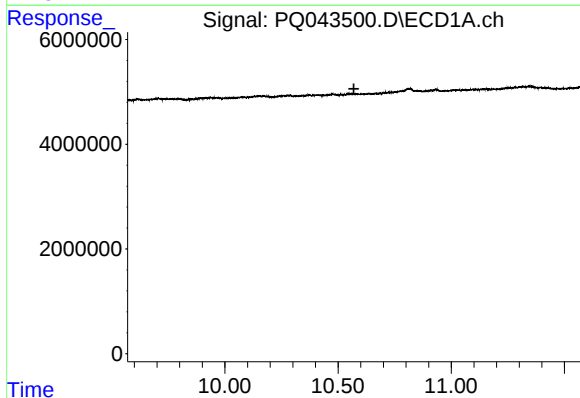
R.T.: 0.000 min
Exp R.T. : 10.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



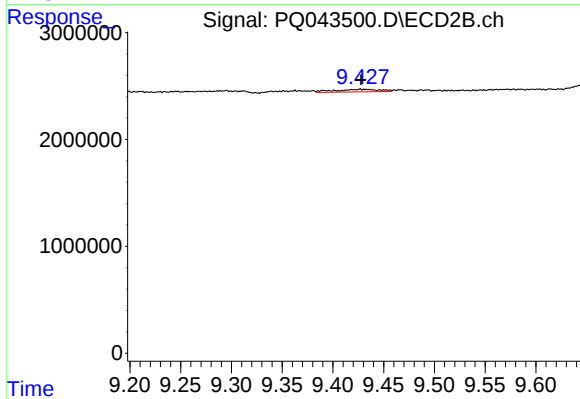
#38 AR-1262-3

R.T.: 9.365 min
Delta R.T.: 0.003 min
Response: 427881
Conc: 3.72 ng/ml



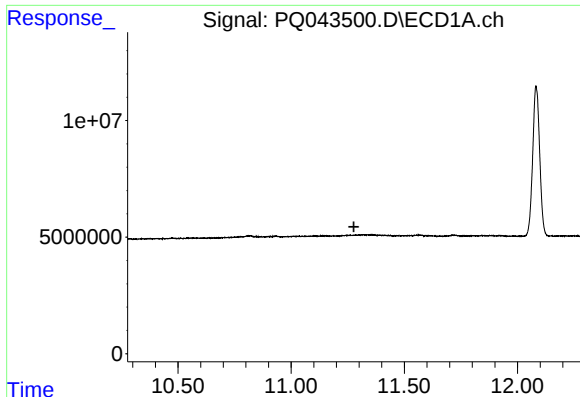
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 10.570 min
Response: 0
Conc: N.D.



#39 AR-1262-4

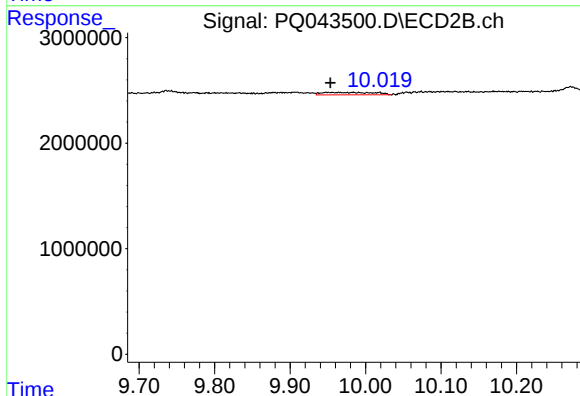
R.T.: 9.430 min
Delta R.T.: 0.002 min
Response: 727622
Conc: 3.23 ng/ml



#40 AR-1262-5

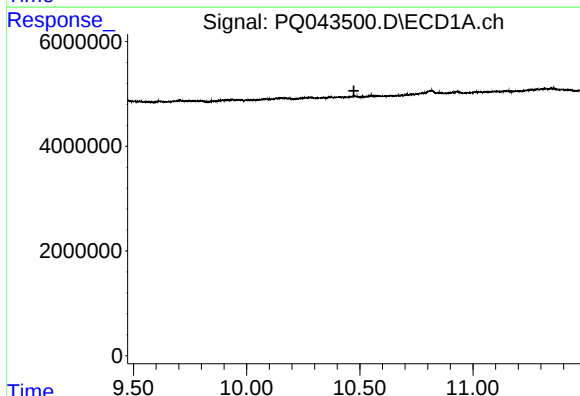
R.T.: 0.000 min
Exp R.T. : 11.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



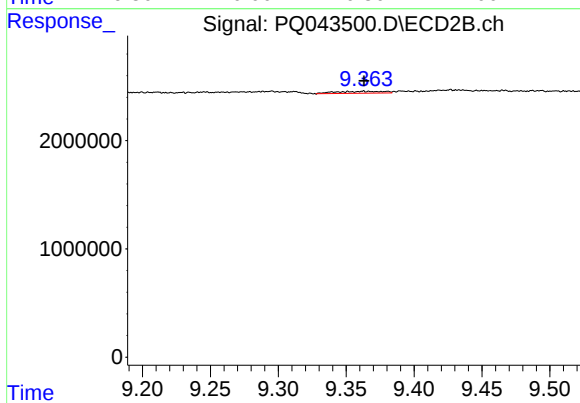
#40 AR-1262-5

R.T.: 9.966 min
Delta R.T.: 0.012 min
Response: 1103146
Conc: 7.14 ng/ml



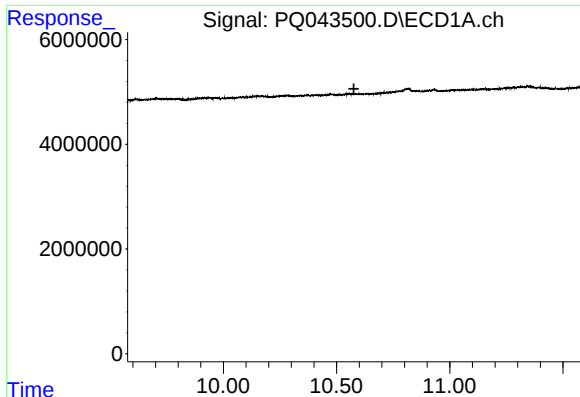
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 10.474 min
Response: 0
Conc: N.D.



#41 AR-1268-1

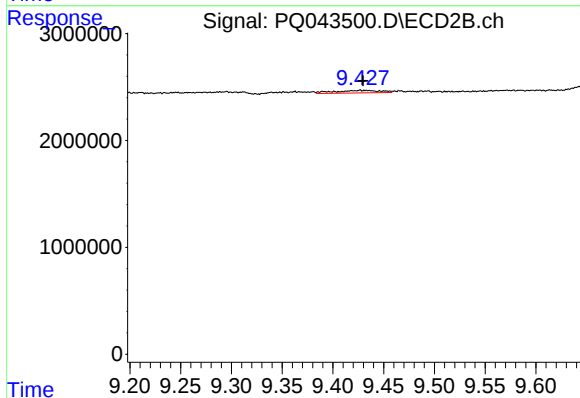
R.T.: 9.365 min
Delta R.T.: 0.002 min
Response: 427881
Conc: 1.31 ng/ml



#42 AR-1268-2

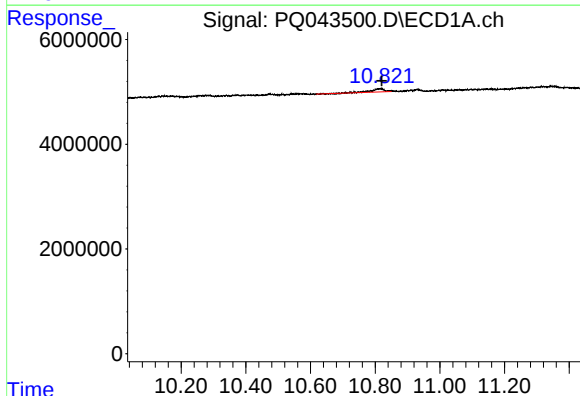
R.T.: 0.000 min
Exp R.T.: 10.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



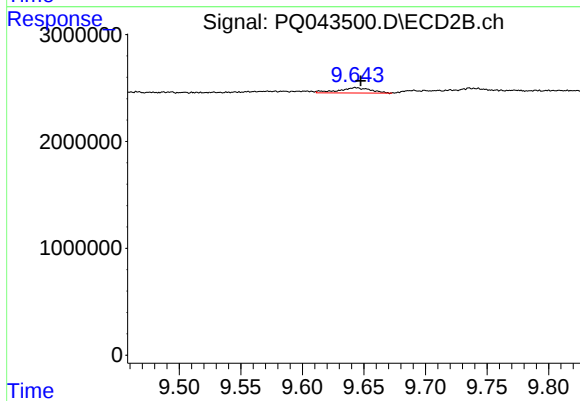
#42 AR-1268-2

R.T.: 9.430 min
Delta R.T.: 0.000 min
Response: 727622
Conc: 2.27 ng/ml



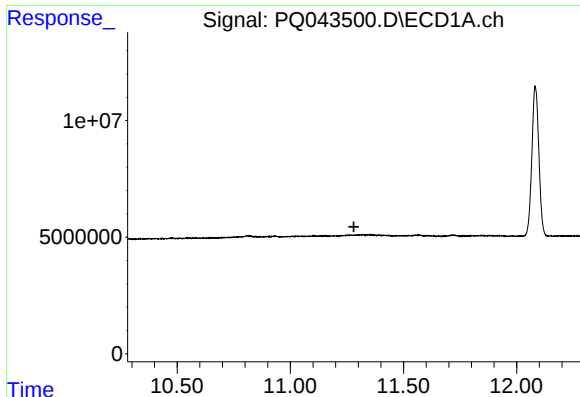
#43 AR-1268-3

R.T.: 10.821 min
Delta R.T.: 0.000 min
Response: 1730663
Conc: 3.27 ng/ml



#43 AR-1268-3

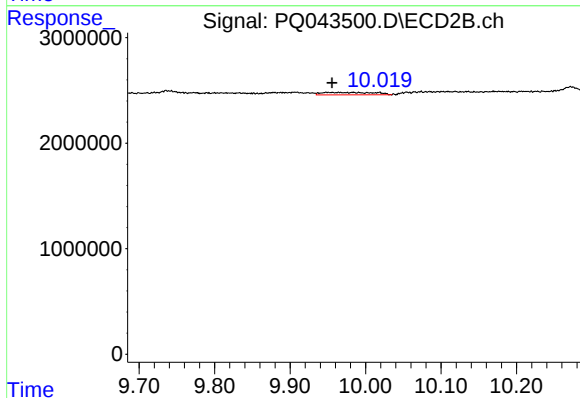
R.T.: 9.643 min
Delta R.T.: -0.004 min
Response: 879367
Conc: 3.10 ng/ml



#44 AR-1268-4

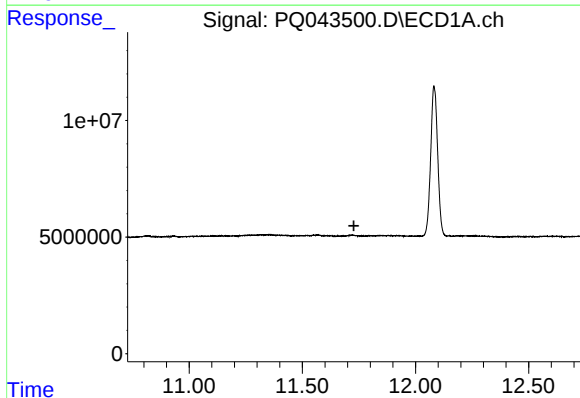
R.T.: 0.000 min
Exp R.T. : 11.281 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



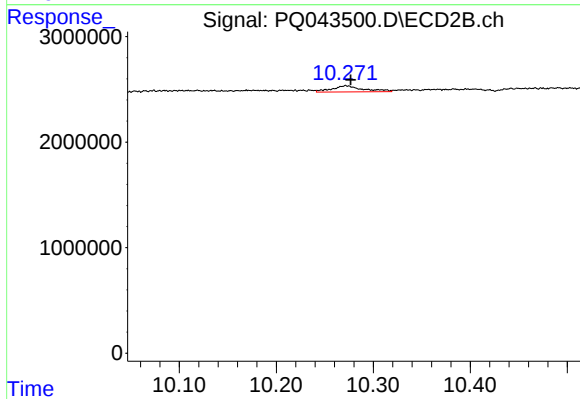
#44 AR-1268-4

R.T.: 9.966 min
Delta R.T.: 0.010 min
Response: 1103146
Conc: 6.79 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.728 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.272 min
Delta R.T.: -0.005 min
Response: 1324765
Conc: 1.05 ng/ml