

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 19:16
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:46:26 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	24903795	9615927	15.630	15.875
2)	SA Decachlor...	12.085	10.557	117.3E6	59385819	18.605	18.960
Target Compounds							
3)	L1 AR-1016-1	7.138	6.240	1183928	559645	17.331	18.972
4)	L1 AR-1016-2	7.161	6.260	1752636	725288	17.887	18.516
5)	L1 AR-1016-3	0.000	6.472	0	417060	N.D.	19.826 #
6)	L1 AR-1016-4	0.000	6.526	0	454000	N.D.	26.059 #
7)	L1 AR-1016-5	0.000	6.783	0	339806	N.D.	15.183 #
8)	L2 AR-1221-1	0.000	5.056	0	13999	N.D.	2.402 #
9)	L2 AR-1221-2	0.000	5.199	0	182928	N.D.	38.044 #
10)	L2 AR-1221-3	0.000	5.316	0	176577	N.D.	10.758 #
11)	L3 AR-1232-1	0.000	5.316	0	176577	N.D.	9.556 #
12)	L3 AR-1232-2	0.000	6.260	0	725288	N.D.	36.356 #
13)	L3 AR-1232-3	7.161	6.472	1752636	417060	32.781	38.422
14)	L3 AR-1232-4	0.000	6.580	0	356850	N.D.	34.955 #
15)	L3 AR-1232-5	0.000	6.783	0	339806	N.D.	31.042 #
16)	L4 AR-1242-1	7.138	6.240	1183928	559645	28.914	32.394
17)	L4 AR-1242-2	7.161	6.260	1752636	725288	29.752	31.232
18)	L4 AR-1242-3	0.000	6.472	0	417060	N.D.	33.745 #
19)	L4 AR-1242-4	0.000	6.580	0	356850	N.D.	28.085 #
20)	L4 AR-1242-5	0.000	7.188	0	658029	N.D.	32.867 #
21)	L5 AR-1248-1	7.138	6.240	1183928	559645	37.467	44.437
22)	L5 AR-1248-2	0.000	6.526	0	454000	N.D.	25.635 #
23)	L5 AR-1248-3	0.000	6.580	0	356850	N.D.	19.061 #
24)	L5 AR-1248-4	0.000	6.783	0	339806	N.D.	14.726 #
25)	L5 AR-1248-5	0.000	7.237	0	650126	N.D.	22.939 #
26)	L6 AR-1254-1	0.000	7.188	0	658029	N.D.	14.547 #
27)	L6 AR-1254-2	0.000	7.353	0	119155	N.D.	2.704 #
28)	L6 AR-1254-3	0.000	7.802	0	764592	N.D.	10.250 #
29)	L6 AR-1254-4	9.032	8.055	2491179	813058	19.355	14.692
30)	L6 AR-1254-5	0.000	8.508	0	566026	N.D.	6.945 #
31)	L7 AR-1260-1	0.000	7.957	0	291685	N.D.	5.025 #
32)	L7 AR-1260-2	0.000	8.140	0	712320	N.D.	9.317 #
33)	L7 AR-1260-3	0.000	8.344	0	128694	N.D.	1.836 #
34)	L7 AR-1260-4	0.000	8.806	0	202159	N.D.	3.067 #
35)	L7 AR-1260-5	0.000	9.134	0	682769	N.D.	3.636 #
36)	L8 AR-1262-1	0.000	8.562	0	554775	N.D.	5.611 #
37)	L8 AR-1262-2	0.000	9.134	0	682769	N.D.	3.055 #
40)	L8 AR-1262-5	0.000	9.940	0	1831354	N.D.	11.854 #
43)	L9 AR-1268-3	0.000	9.645	0	827611	N.D.	2.920 #
44)	L9 AR-1268-4	0.000	9.940	0	1831354	N.D.	11.268 #
45)	L9 AR-1268-5	0.000	10.272	0	2666589	N.D.	2.123 #

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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

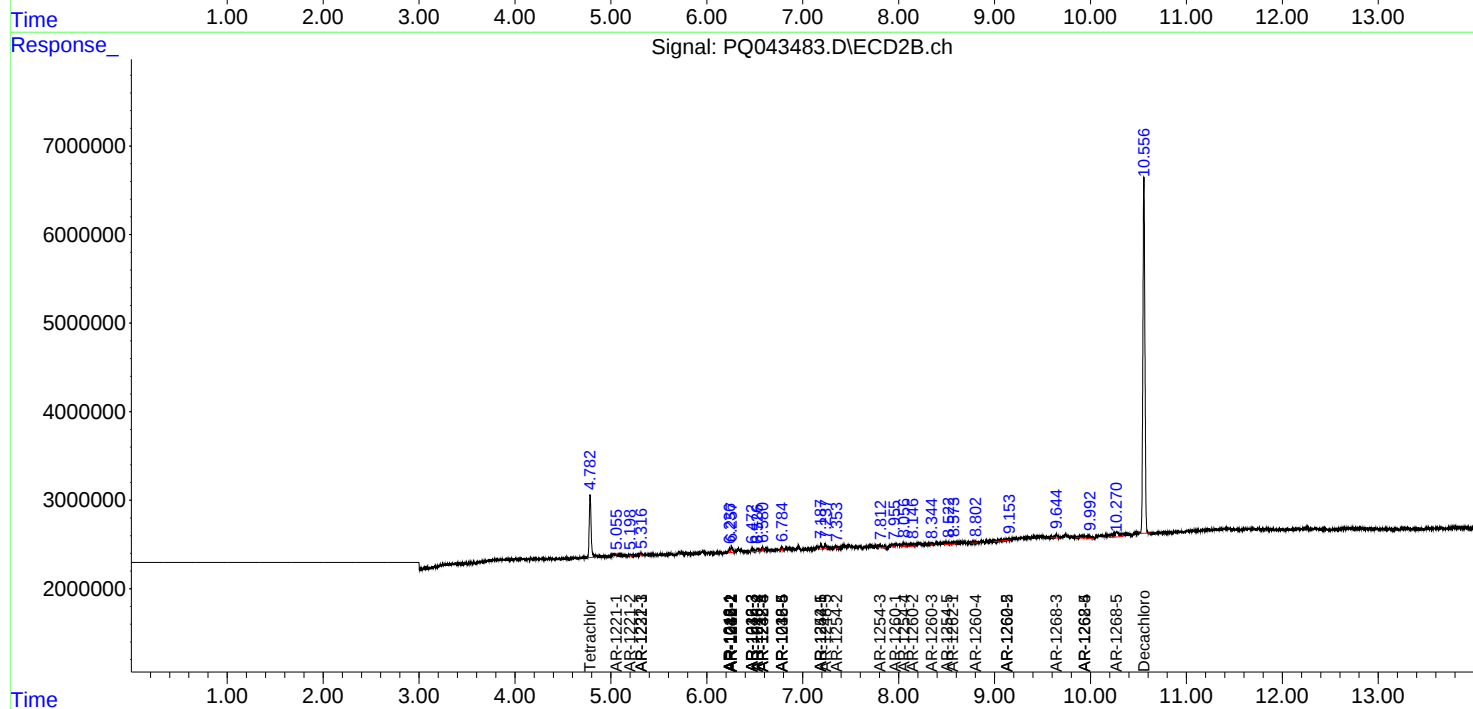
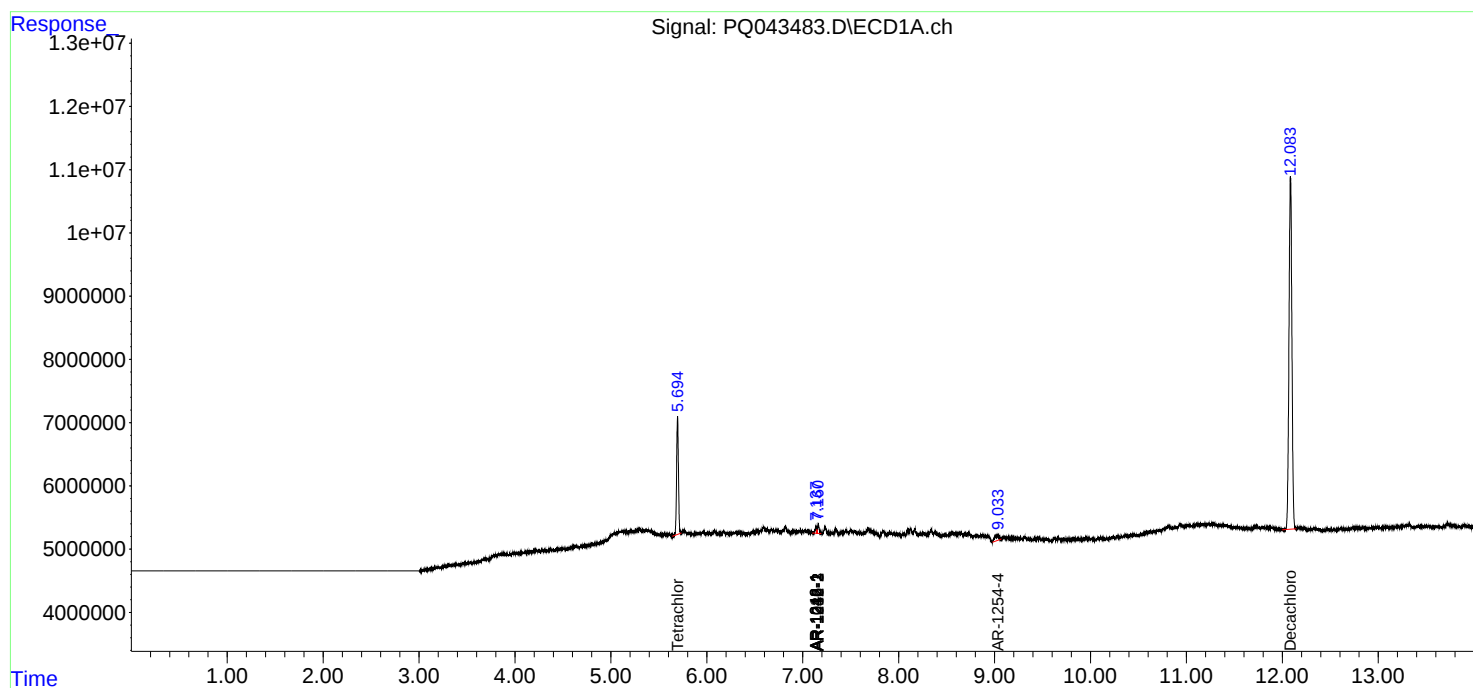
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

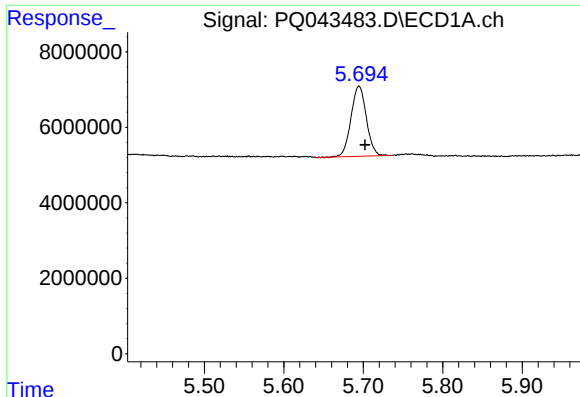
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
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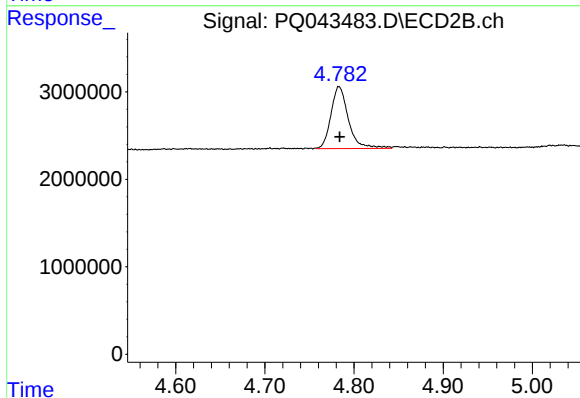




#1 Tetrachloro-m-xylene

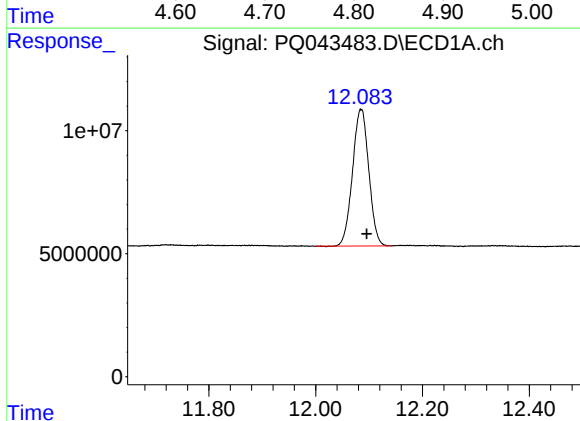
R.T.: 5.695 min
Delta R.T.: -0.007 min
Response: 24903795
Conc: 15.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



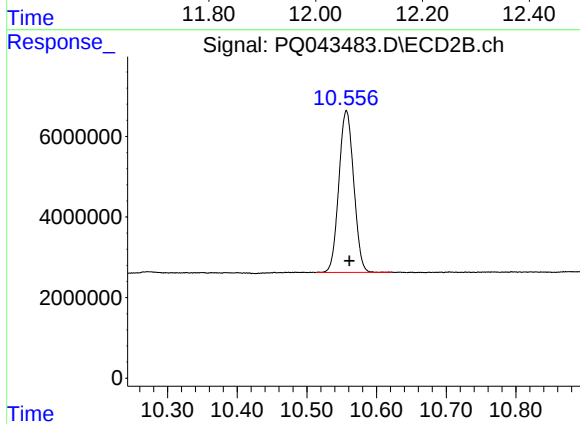
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 9615927
Conc: 15.88 ng/ml



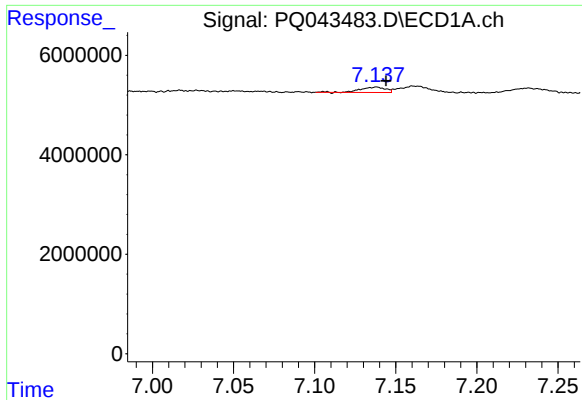
#2 Decachlorobiphenyl

R.T.: 12.085 min
Delta R.T.: -0.011 min
Response: 117343417
Conc: 18.61 ng/ml



#2 Decachlorobiphenyl

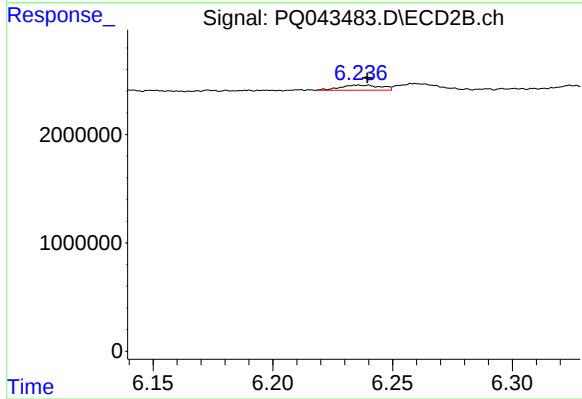
R.T.: 10.557 min
Delta R.T.: -0.004 min
Response: 59385819
Conc: 18.96 ng/ml



#3 AR-1016-1

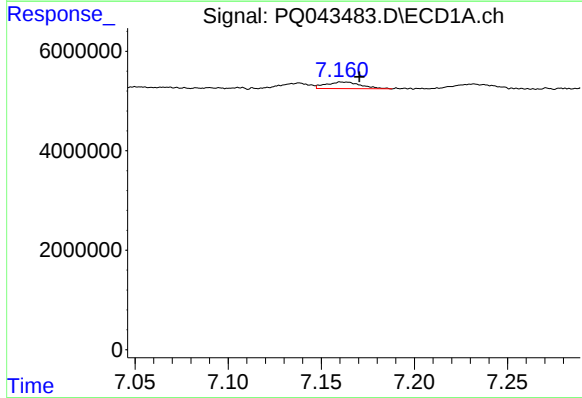
R.T.: 7.138 min
Delta R.T.: -0.006 min
Response: 1183928
Conc: 17.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



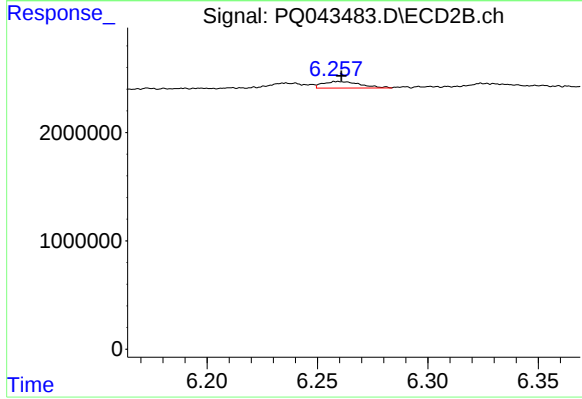
#3 AR-1016-1

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 559645
Conc: 18.97 ng/ml



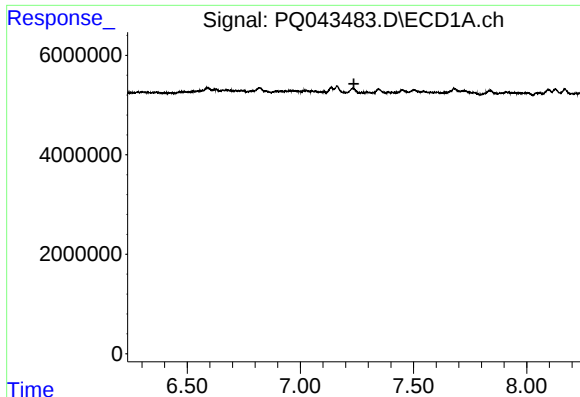
#4 AR-1016-2

R.T.: 7.161 min
Delta R.T.: -0.009 min
Response: 1752636
Conc: 17.89 ng/ml



#4 AR-1016-2

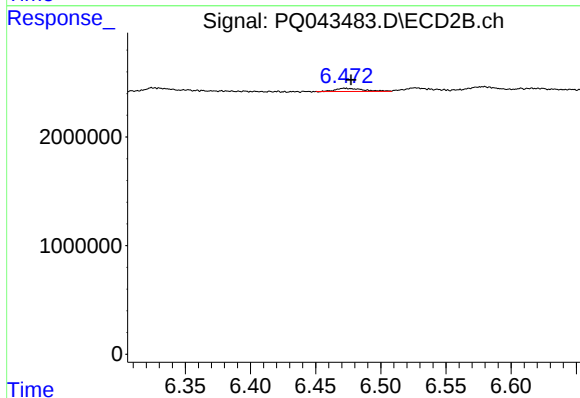
R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 725288
Conc: 18.52 ng/ml



#5 AR-1016-3

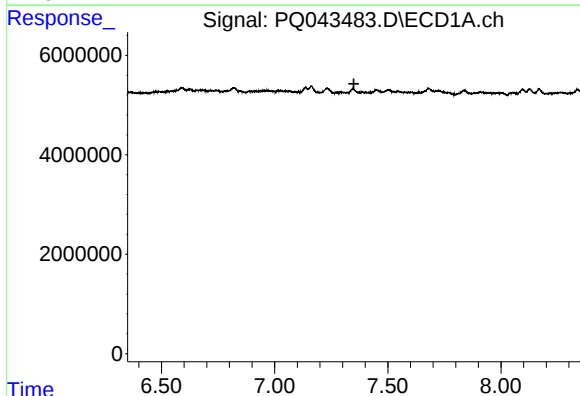
R.T.: 0.000 min
Exp R.T.: 7.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



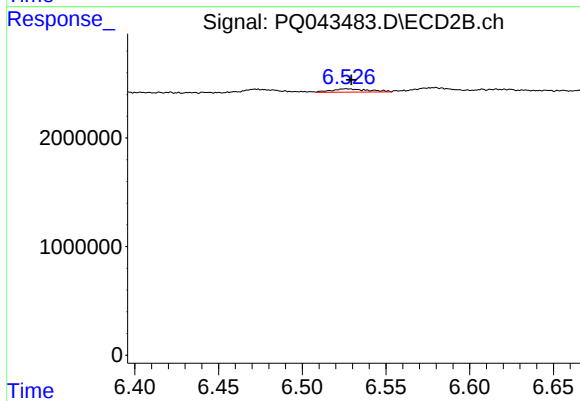
#5 AR-1016-3

R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 417060
Conc: 19.83 ng/ml



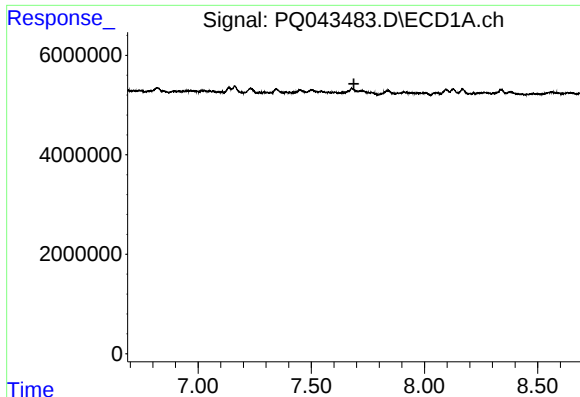
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.350 min
Response: 0
Conc: N.D.



#6 AR-1016-4

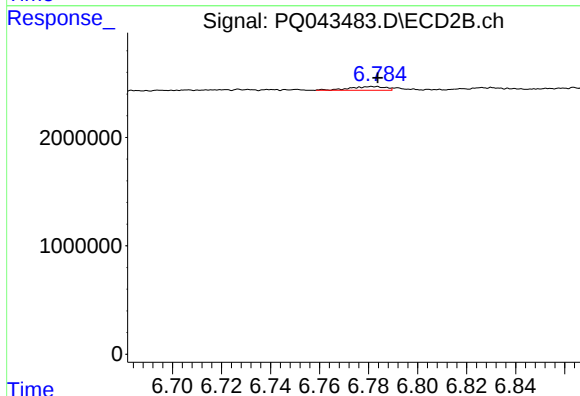
R.T.: 6.526 min
Delta R.T.: -0.003 min
Response: 454000
Conc: 26.06 ng/ml



#7 AR-1016-5

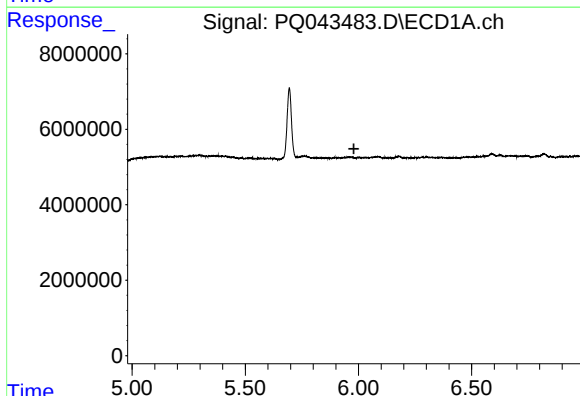
R.T.: 0.000 min
Exp R.T.: 7.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



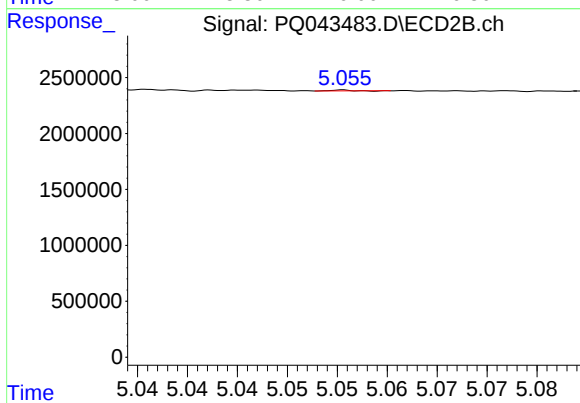
#7 AR-1016-5

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 339806
Conc: 15.18 ng/ml



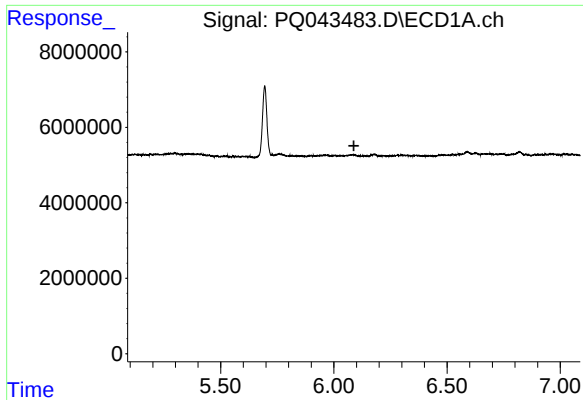
#8 AR-1221-1

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



#8 AR-1221-1

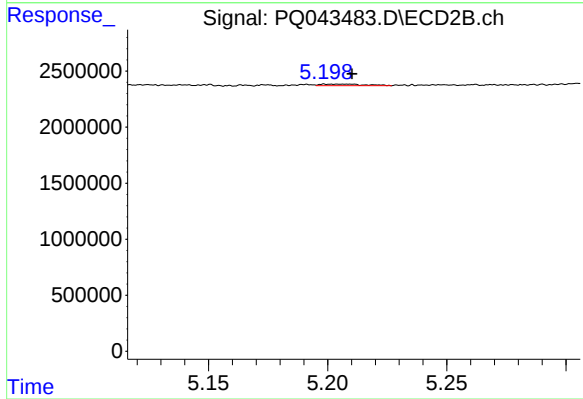
R.T.: 5.056 min
Delta R.T.: -0.036 min
Response: 13999
Conc: 2.40 ng/ml



#9 AR-1221-2

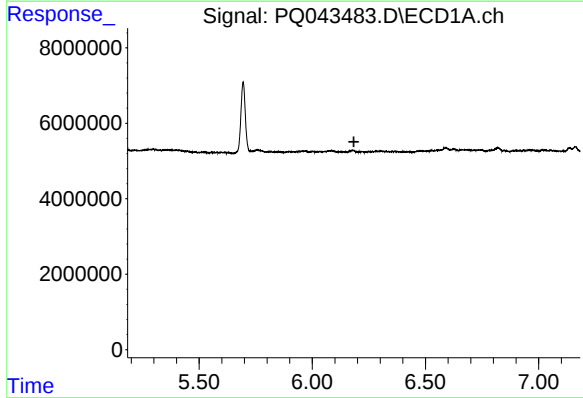
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



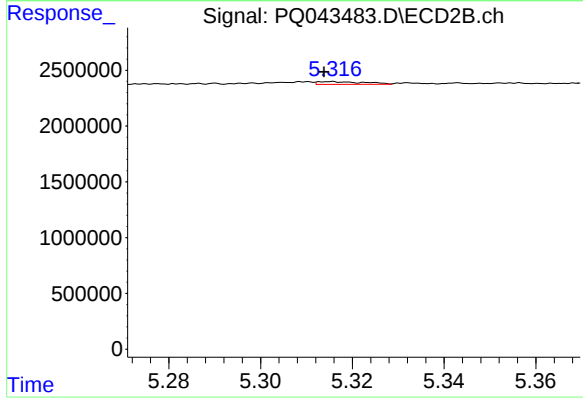
#9 AR-1221-2

R.T.: 5.199 min
Delta R.T.: -0.012 min
Response: 182928
Conc: 38.04 ng/ml



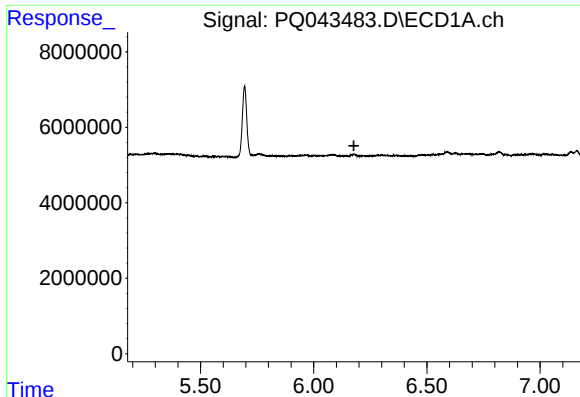
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.



#10 AR-1221-3

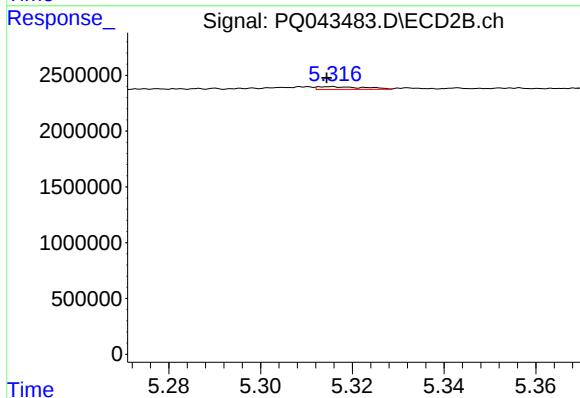
R.T.: 5.316 min
Delta R.T.: 0.002 min
Response: 176577
Conc: 10.76 ng/ml



#11 AR-1232-1

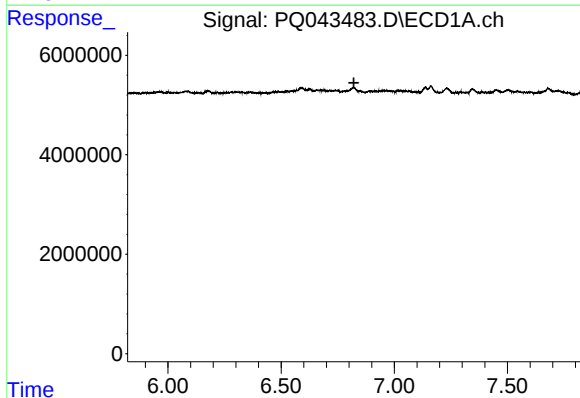
R.T.: 0.000 min
Exp R.T.: 6.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



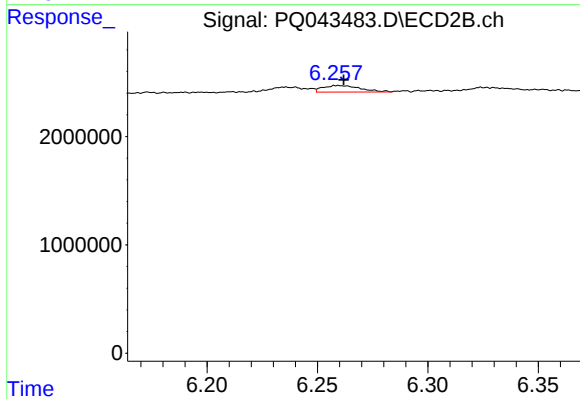
#11 AR-1232-1

R.T.: 5.316 min
Delta R.T.: 0.001 min
Response: 176577
Conc: 9.56 ng/ml



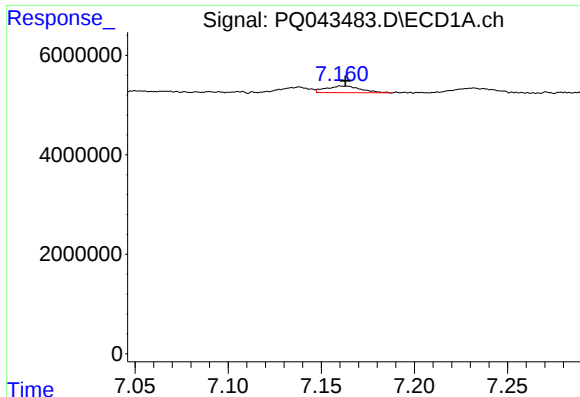
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.822 min
Response: 0
Conc: N.D.



#12 AR-1232-2

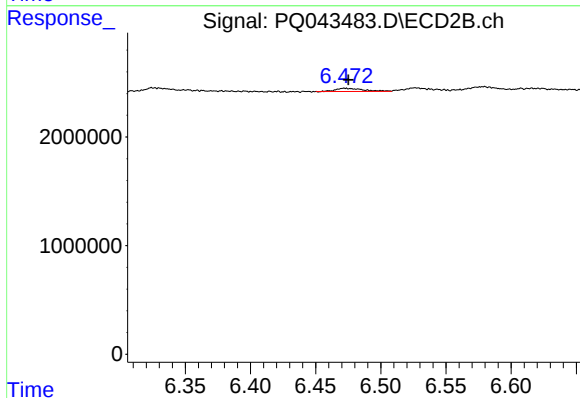
R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 725288
Conc: 36.36 ng/ml



#13 AR-1232-3

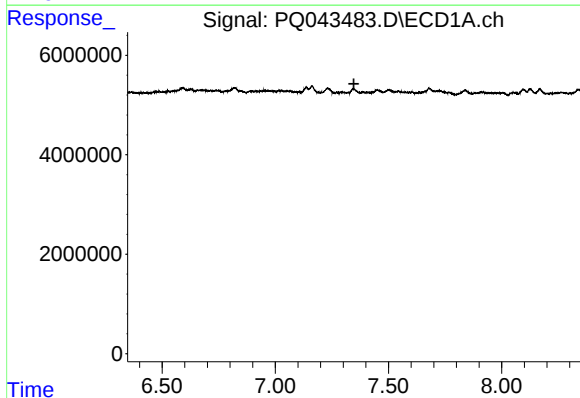
R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 1752636
Conc: 32.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



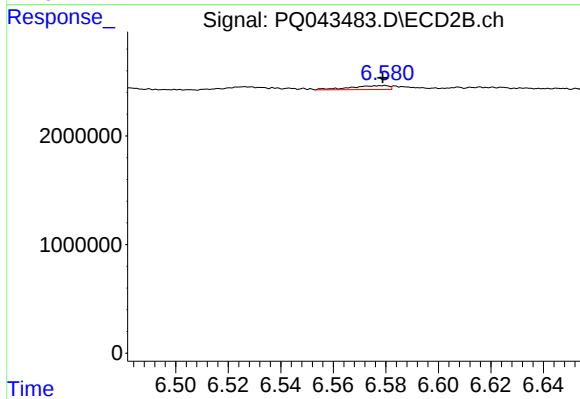
#13 AR-1232-3

R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 417060
Conc: 38.42 ng/ml



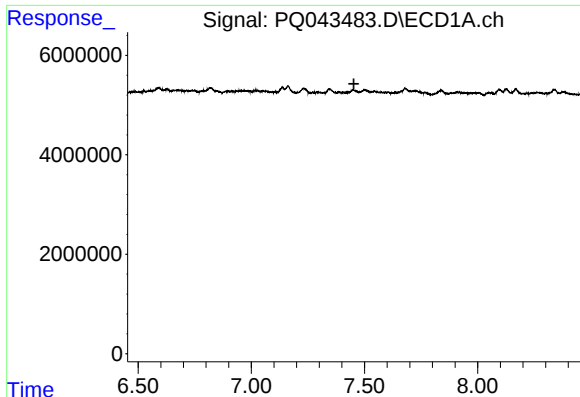
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.347 min
Response: 0
Conc: N.D.



#14 AR-1232-4

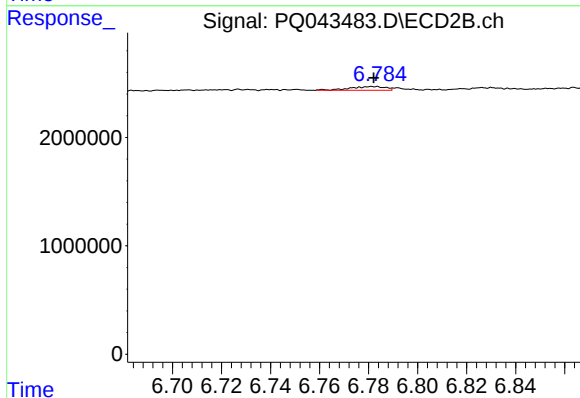
R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 356850
Conc: 34.96 ng/ml



#15 AR-1232-5

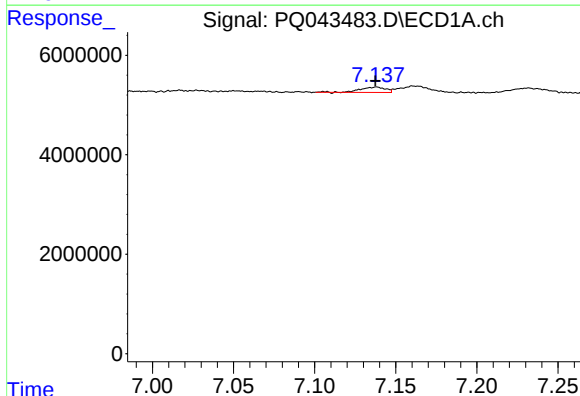
R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



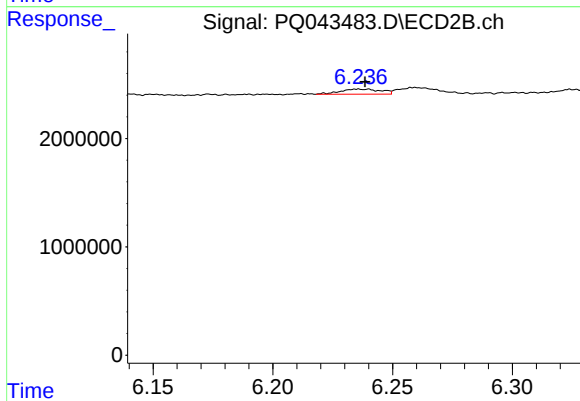
#15 AR-1232-5

R.T.: 6.783 min
Delta R.T.: 0.001 min
Response: 339806
Conc: 31.04 ng/ml



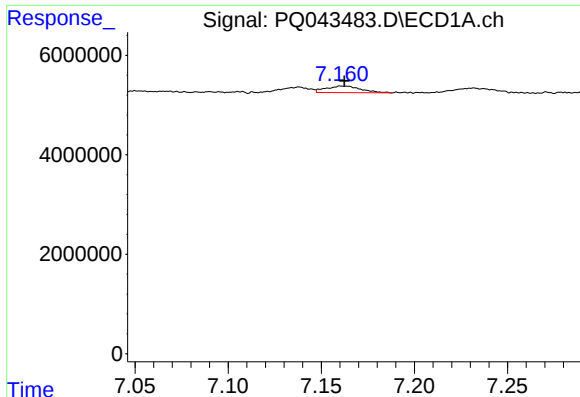
#16 AR-1242-1

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 1183928
Conc: 28.91 ng/ml



#16 AR-1242-1

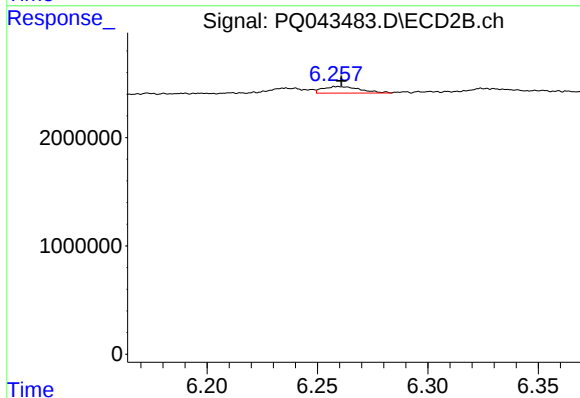
R.T.: 6.240 min
Delta R.T.: 0.002 min
Response: 559645
Conc: 32.39 ng/ml



#17 AR-1242-2

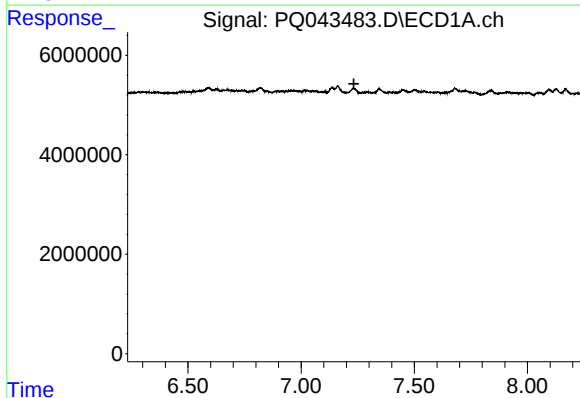
R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 1752636
Conc: 29.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



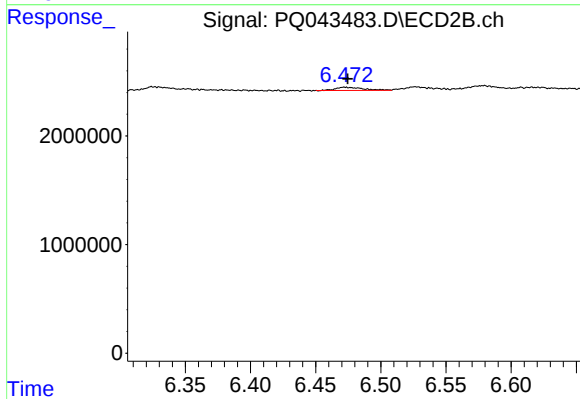
#17 AR-1242-2

R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 725288
Conc: 31.23 ng/ml



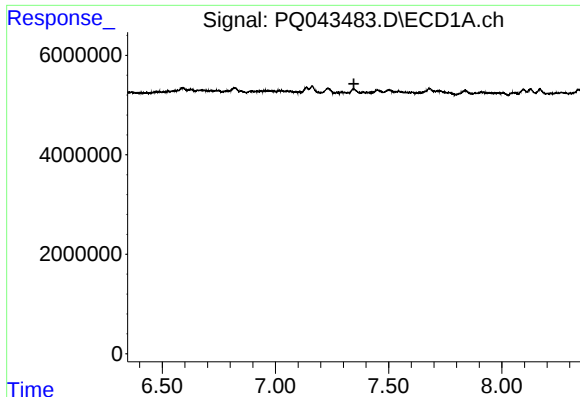
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.233 min
Response: 0
Conc: N.D.



#18 AR-1242-3

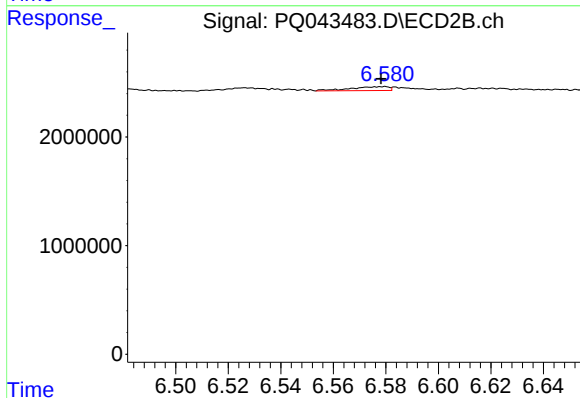
R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 417060
Conc: 33.74 ng/ml



#19 AR-1242-4

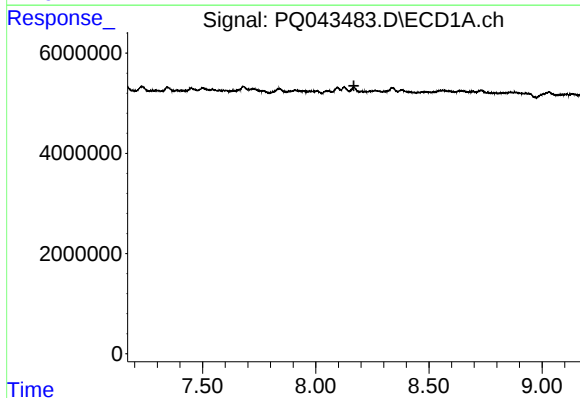
R.T.: 0.000 min
Exp R.T.: 7.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



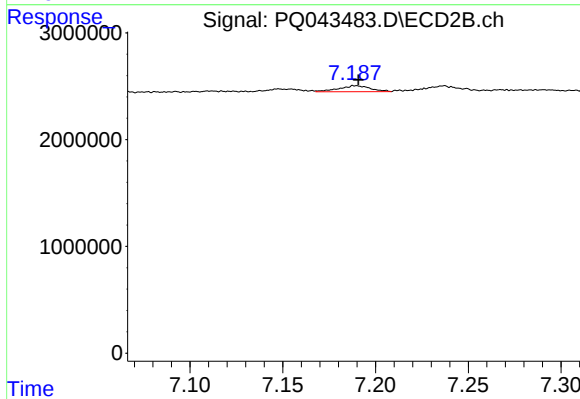
#19 AR-1242-4

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 356850
Conc: 28.09 ng/ml



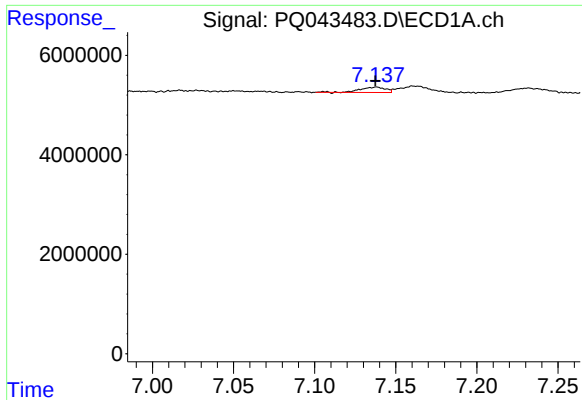
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 8.168 min
Response: 0
Conc: N.D.



#20 AR-1242-5

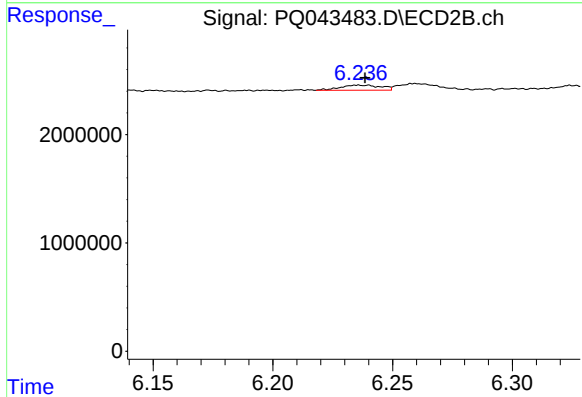
R.T.: 7.188 min
Delta R.T.: -0.003 min
Response: 658029
Conc: 32.87 ng/ml



#21 AR-1248-1

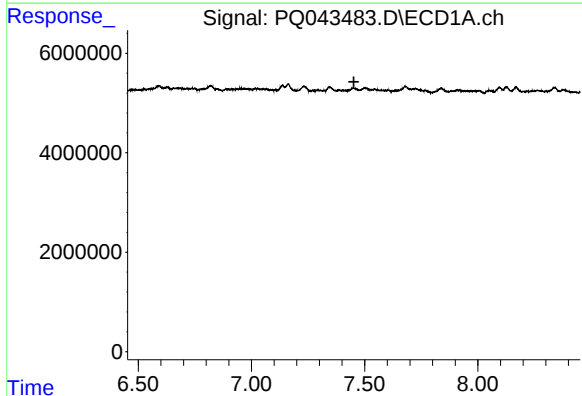
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 1183928
Conc: 37.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



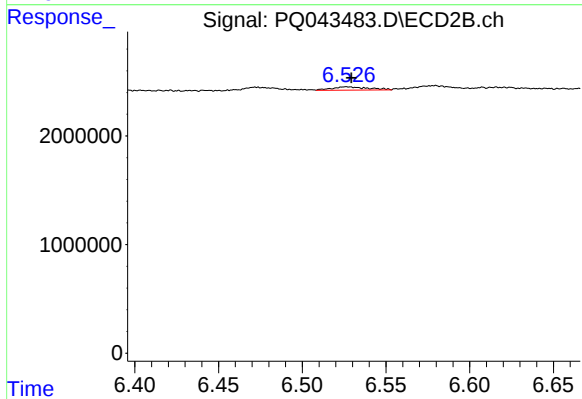
#21 AR-1248-1

R.T.: 6.240 min
Delta R.T.: 0.002 min
Response: 559645
Conc: 44.44 ng/ml



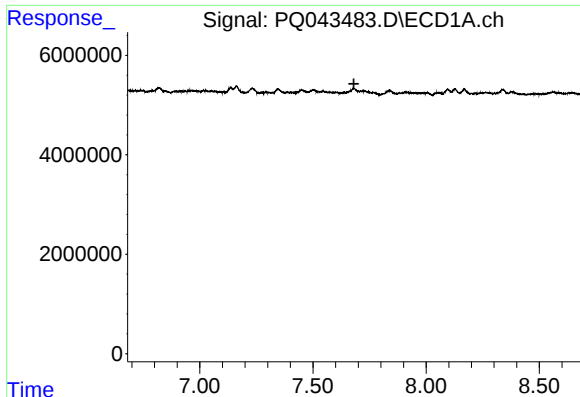
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.453 min
Response: 0
Conc: N.D.



#22 AR-1248-2

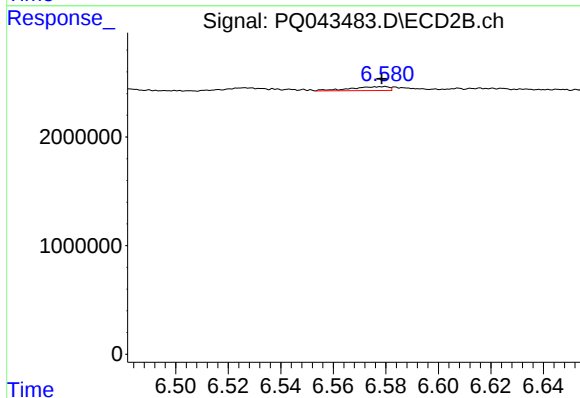
R.T.: 6.526 min
Delta R.T.: -0.003 min
Response: 454000
Conc: 25.64 ng/ml



#23 AR-1248-3

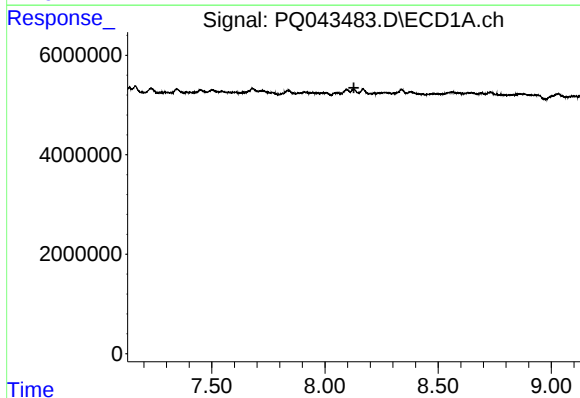
R.T.: 0.000 min
Exp R.T.: 7.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



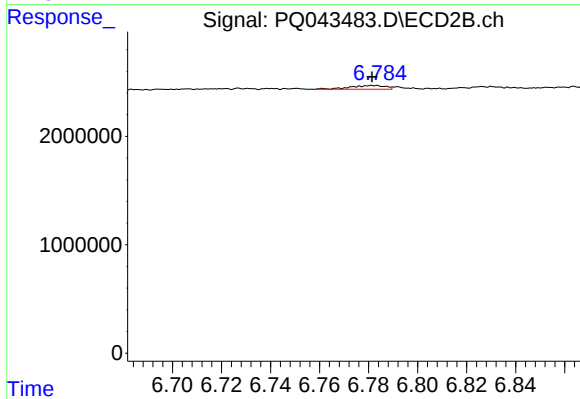
#23 AR-1248-3

R.T.: 6.580 min
Delta R.T.: 0.001 min
Response: 356850
Conc: 19.06 ng/ml



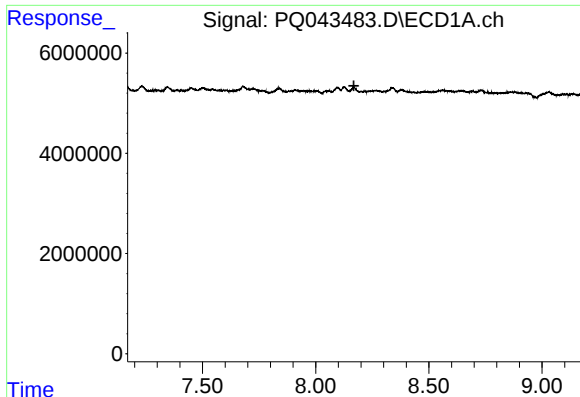
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 8.128 min
Response: 0
Conc: N.D.



#24 AR-1248-4

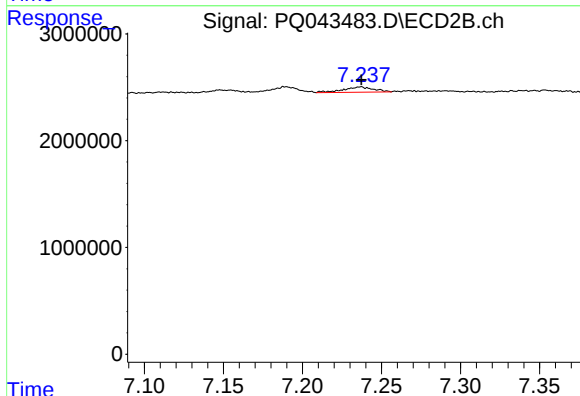
R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 339806
Conc: 14.73 ng/ml



#25 AR-1248-5

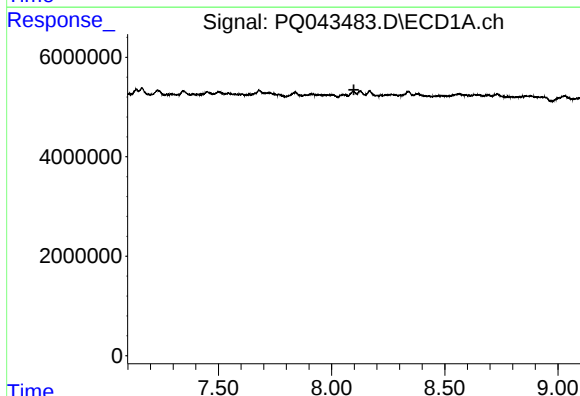
R.T.: 0.000 min
Exp R.T.: 8.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



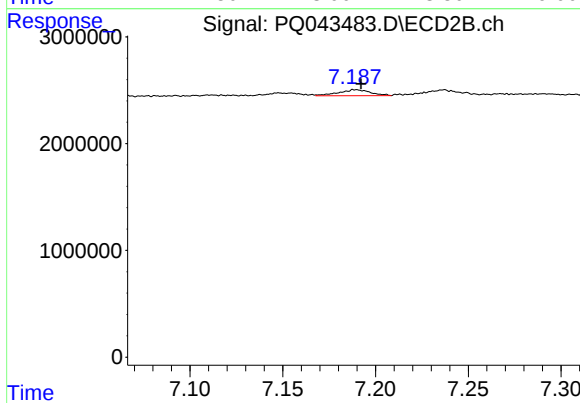
#25 AR-1248-5

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 650126
Conc: 22.94 ng/ml



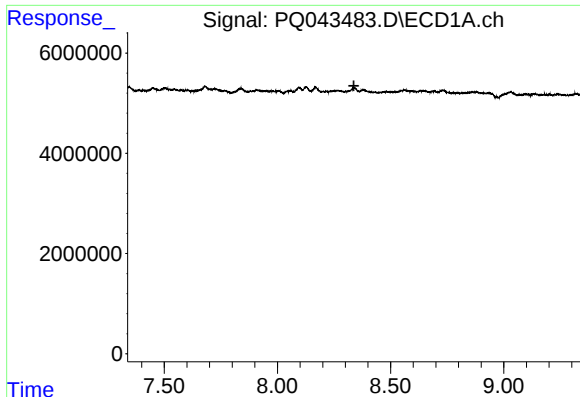
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 8.098 min
Response: 0
Conc: N.D.



#26 AR-1254-1

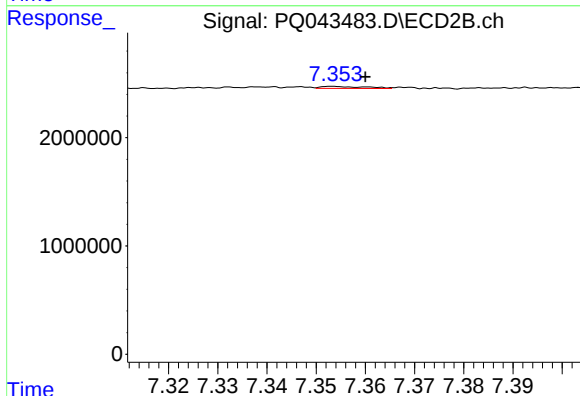
R.T.: 7.188 min
Delta R.T.: -0.004 min
Response: 658029
Conc: 14.55 ng/ml



#27 AR-1254-2

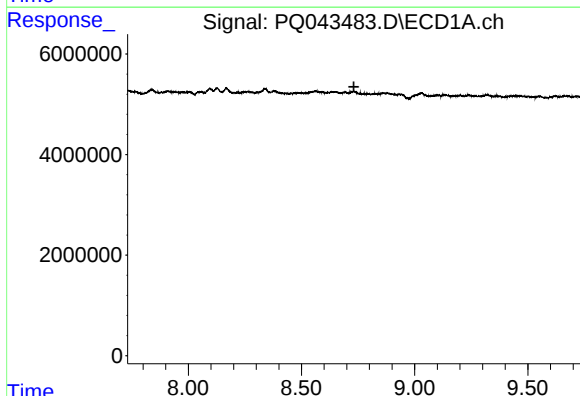
R.T.: 0.000 min
Exp R.T.: 8.338 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



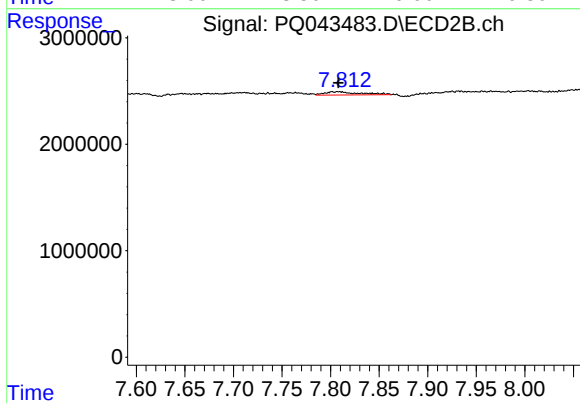
#27 AR-1254-2

R.T.: 7.353 min
Delta R.T.: -0.007 min
Response: 119155
Conc: 2.70 ng/ml



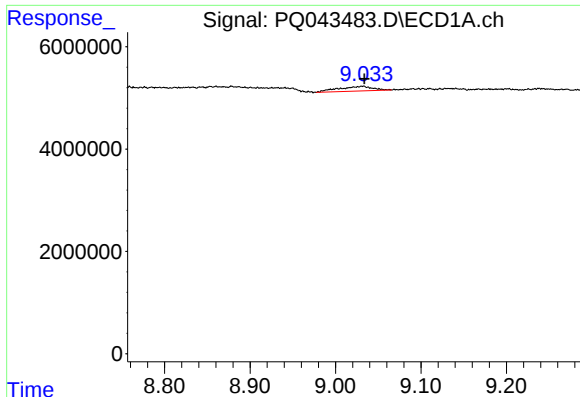
#28 AR-1254-3

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



#28 AR-1254-3

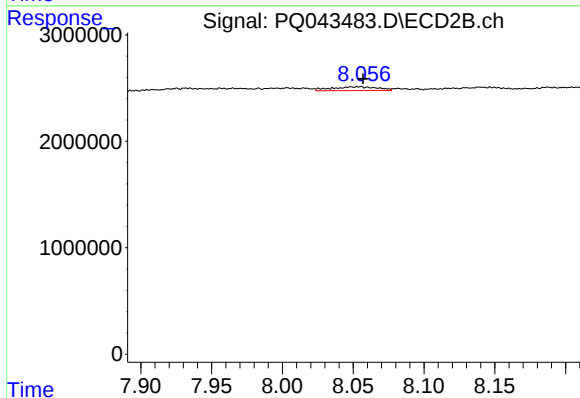
R.T.: 7.802 min
Delta R.T.: -0.006 min
Response: 764592
Conc: 10.25 ng/ml



#29 AR-1254-4

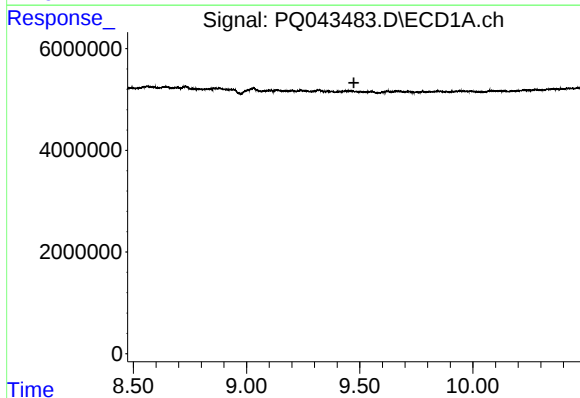
R.T.: 9.032 min
Delta R.T.: -0.002 min
Response: 2491179
Conc: 19.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



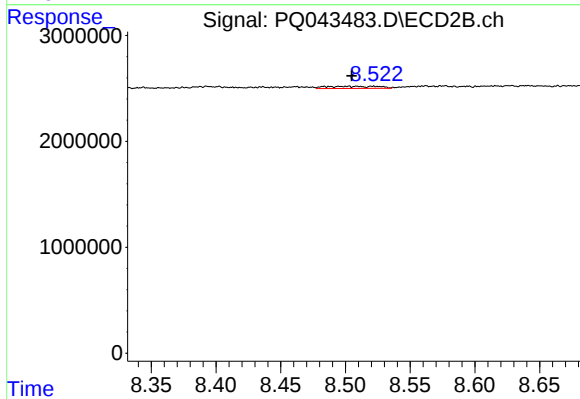
#29 AR-1254-4

R.T.: 8.055 min
Delta R.T.: -0.002 min
Response: 813058
Conc: 14.69 ng/ml



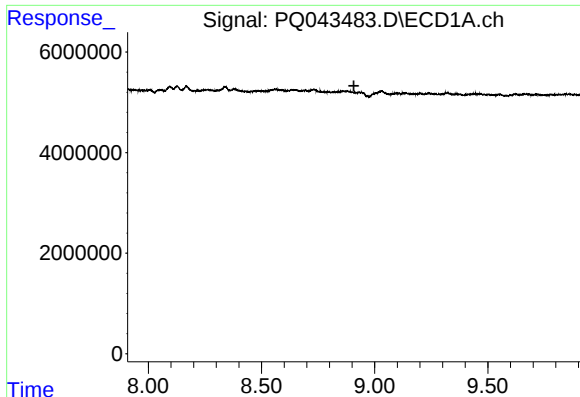
#30 AR-1254-5

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



#30 AR-1254-5

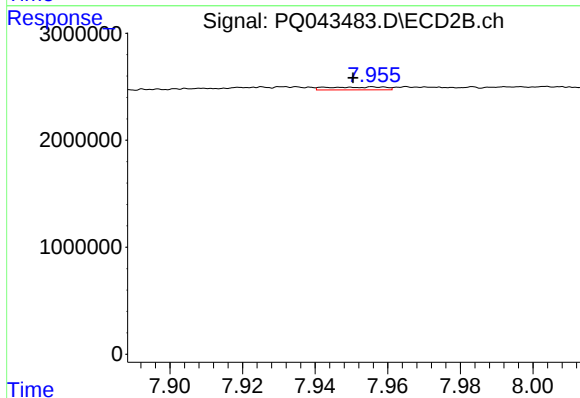
R.T.: 8.508 min
Delta R.T.: 0.004 min
Response: 566026
Conc: 6.95 ng/ml



#31 AR-1260-1

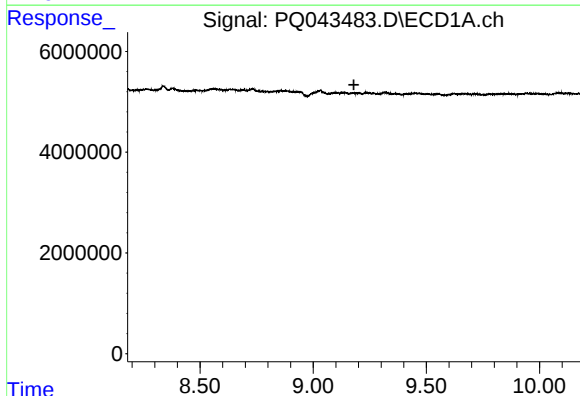
R.T.: 0.000 min
Exp R.T. : 8.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



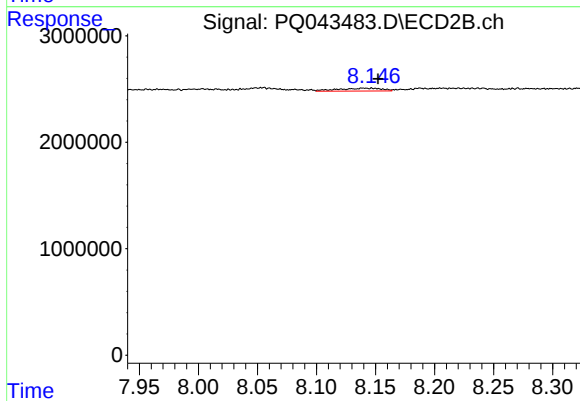
#31 AR-1260-1

R.T.: 7.957 min
Delta R.T.: 0.006 min
Response: 291685
Conc: 5.02 ng/ml



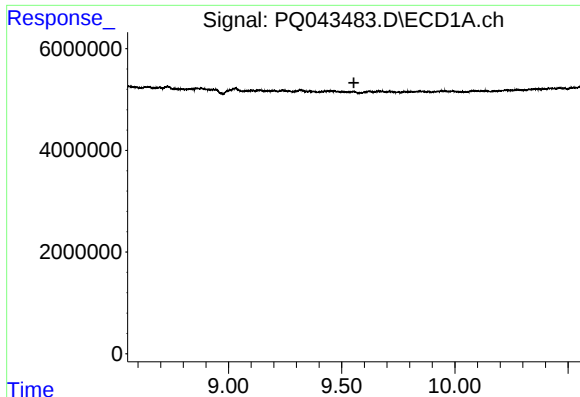
#32 AR-1260-2

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



#32 AR-1260-2

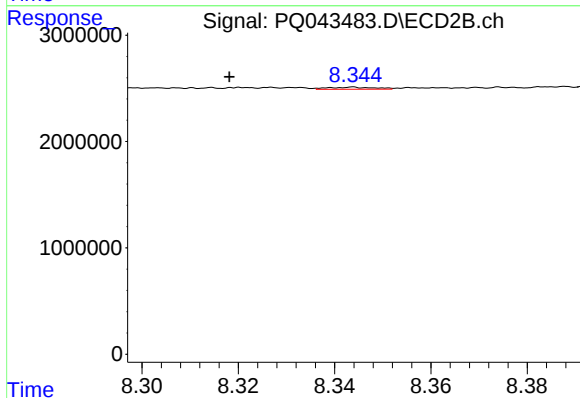
R.T.: 8.140 min
Delta R.T.: -0.012 min
Response: 712320
Conc: 9.32 ng/ml



#33 AR-1260-3

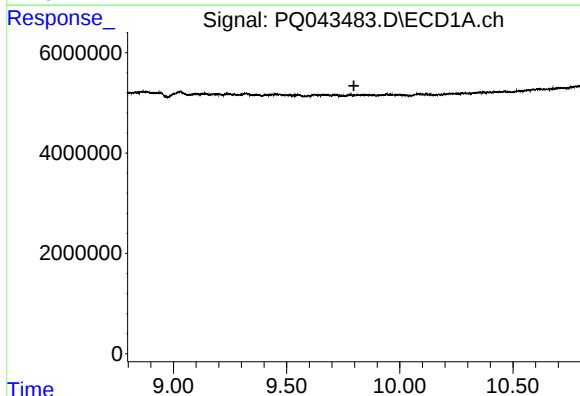
R.T.: 0.000 min
Exp R.T. : 9.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



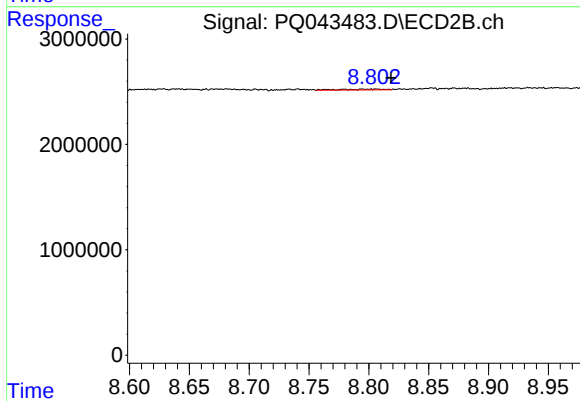
#33 AR-1260-3

R.T.: 8.344 min
Delta R.T.: 0.026 min
Response: 128694
Conc: 1.84 ng/ml



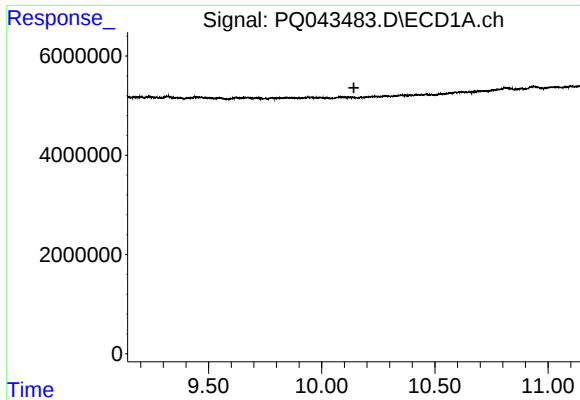
#34 AR-1260-4

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



#34 AR-1260-4

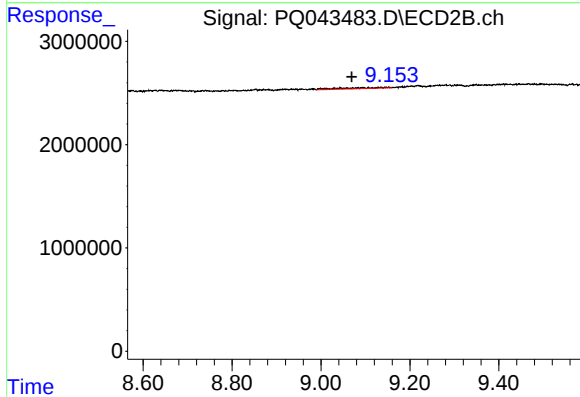
R.T.: 8.806 min
Delta R.T.: -0.013 min
Response: 202159
Conc: 3.07 ng/ml



#35 AR-1260-5

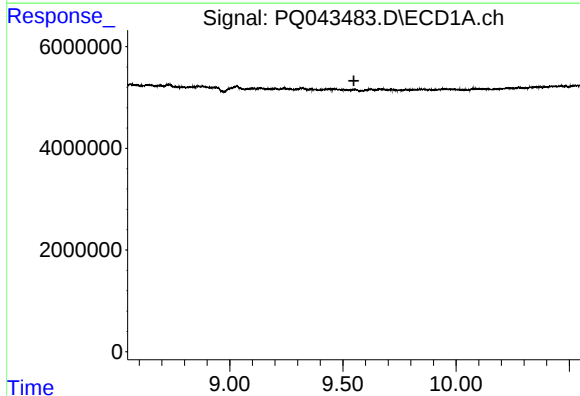
R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



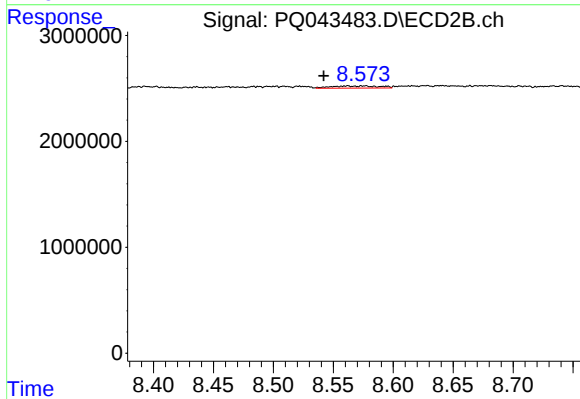
#35 AR-1260-5

R.T.: 9.134 min
Delta R.T.: 0.065 min
Response: 682769
Conc: 3.64 ng/ml



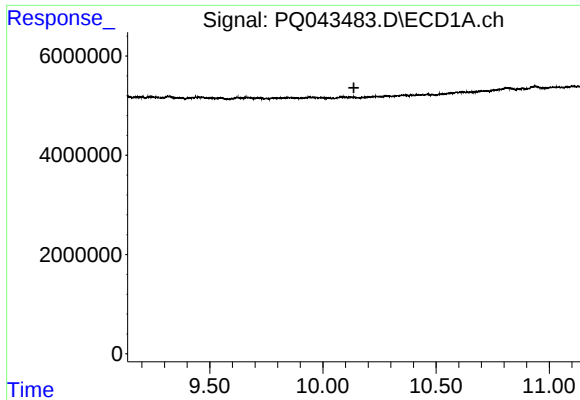
#36 AR-1262-1

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



#36 AR-1262-1

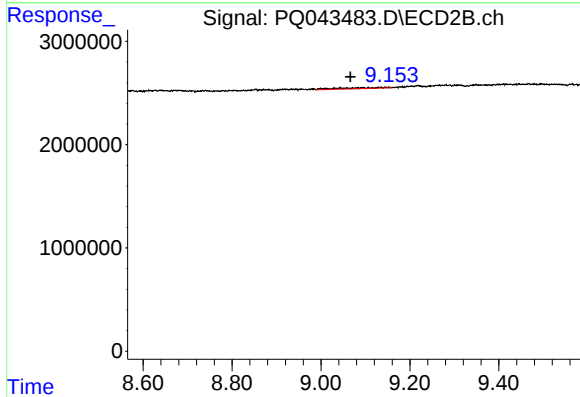
R.T.: 8.562 min
Delta R.T.: 0.020 min
Response: 554775
Conc: 5.61 ng/ml



#37 AR-1262-2

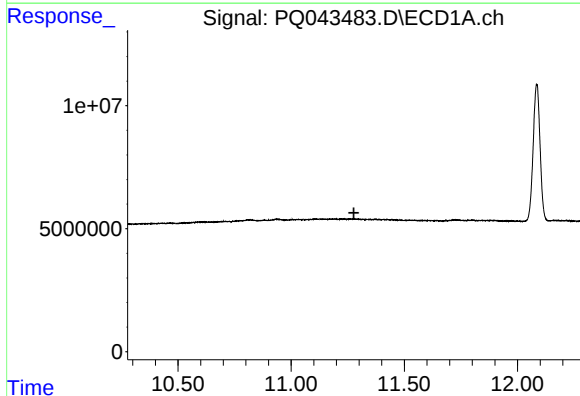
R.T.: 0.000 min
Exp R.T.: 10.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



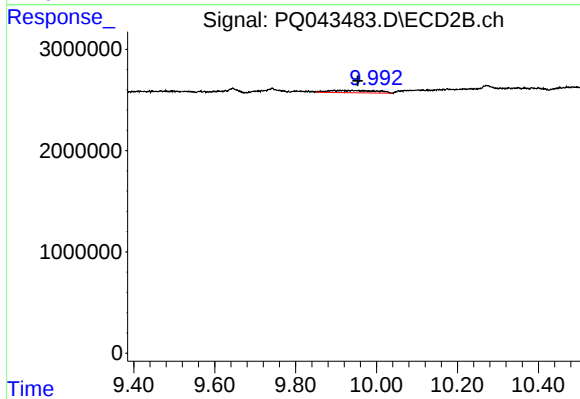
#37 AR-1262-2

R.T.: 9.134 min
Delta R.T.: 0.068 min
Response: 682769
Conc: 3.05 ng/ml



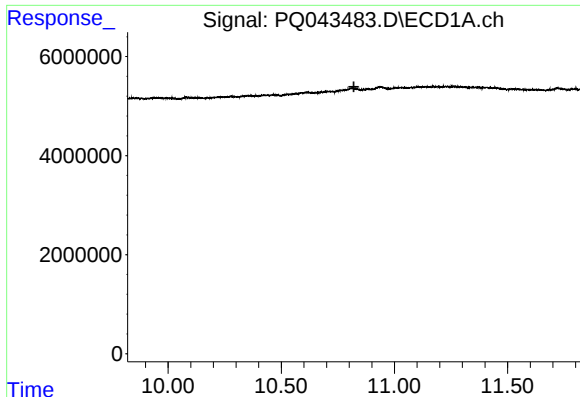
#40 AR-1262-5

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



#40 AR-1262-5

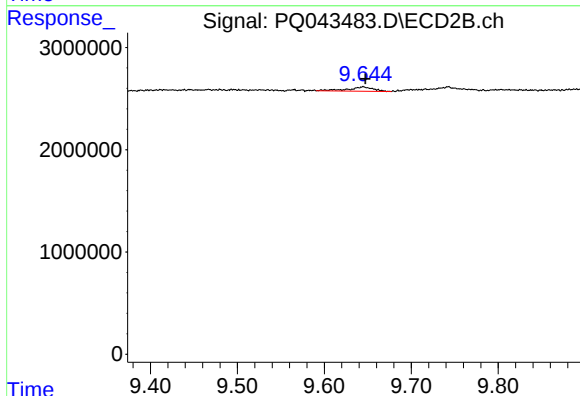
R.T.: 9.940 min
Delta R.T.: -0.014 min
Response: 1831354
Conc: 11.85 ng/ml



#43 AR-1268-3

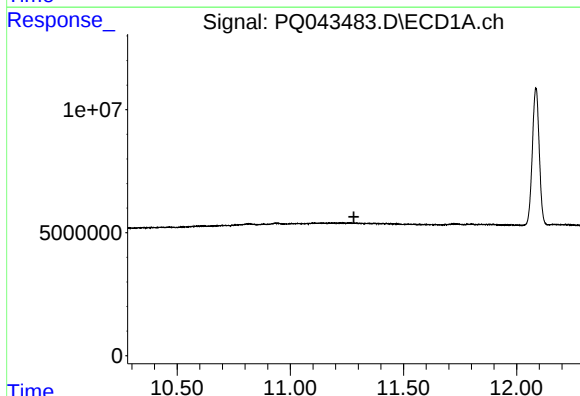
R.T.: 0.000 min
Exp R.T.: 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



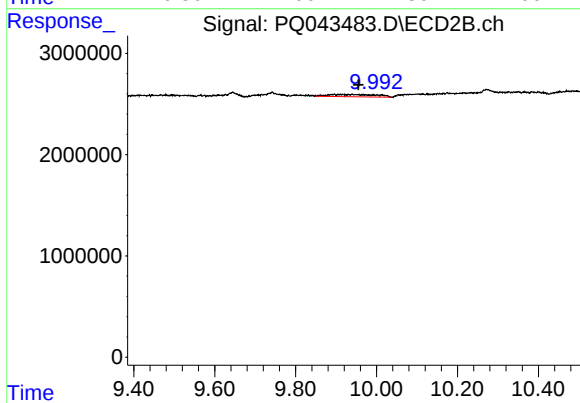
#43 AR-1268-3

R.T.: 9.645 min
Delta R.T.: -0.003 min
Response: 827611
Conc: 2.92 ng/ml



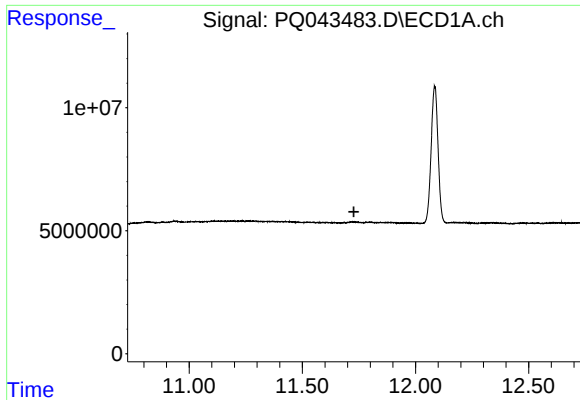
#44 AR-1268-4

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



#44 AR-1268-4

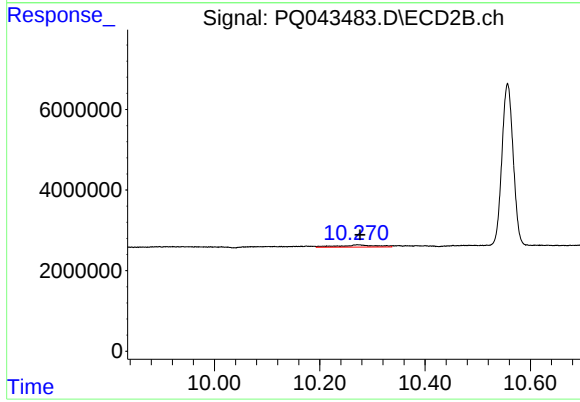
R.T.: 9.940 min
Delta R.T.: -0.016 min
Response: 1831354
Conc: 11.27 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.272 min
Delta R.T.: -0.004 min
Response: 2666589
Conc: 2.12 ng/ml