

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 18:59
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:45:53 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	4.784	24718248	9296858	15.514	15.348
2)	SA Decachlor...	12.084	10.557	122.0E6	61518588	19.346	19.641
Target Compounds							
3)	L1 AR-1016-1	7.162	6.241	1872432	521526	27.410	17.680 #
4)	L1 AR-1016-2	7.162	6.261	1872432	666715	19.110	17.021
5)	L1 AR-1016-3	0.000	6.474	0	248983	N.D.	11.836 #
6)	L1 AR-1016-4	0.000	6.528	0	272846	N.D.	15.661 #
7)	L1 AR-1016-5	0.000	6.785	0	351417	N.D.	15.701 #
8)	L2 AR-1221-1	0.000	5.095	0	232650	N.D.	39.915 #
9)	L2 AR-1221-2	0.000	5.204	0	234167	N.D.	48.700 #
10)	L2 AR-1221-3	6.179	5.314	1506177	542349	36.955	33.044
11)	L3 AR-1232-1	6.179	5.314	1506177	542349	33.343	29.351
12)	L3 AR-1232-2	0.000	6.261	0	666715	N.D.	33.420 #
13)	L3 AR-1232-3	7.162	6.474	1872432	248983	35.021	22.938 #
14)	L3 AR-1232-4	0.000	6.579	0	462839	N.D.	45.337 #
15)	L3 AR-1232-5	0.000	6.785	0	351417	N.D.	32.103 #
16)	L4 AR-1242-1	7.162	6.241	1872432	521526	45.728	30.188 #
17)	L4 AR-1242-2	7.162	6.261	1872432	666715	31.785	28.710
18)	L4 AR-1242-3	0.000	6.474	0	248983	N.D.	20.145 #
19)	L4 AR-1242-4	0.000	6.579	0	462839	N.D.	36.427 #
20)	L4 AR-1242-5	0.000	7.190	0	914810	N.D.	45.692 #
21)	L5 AR-1248-1	7.162	6.241	1872432	521526	59.255	41.410 #
22)	L5 AR-1248-2	0.000	6.528	0	272846	N.D.	15.406 #
23)	L5 AR-1248-3	0.000	6.579	0	462839	N.D.	24.722 #
24)	L5 AR-1248-4	0.000	6.785	0	351417	N.D.	15.229 #
25)	L5 AR-1248-5	0.000	7.238	0	1154312	N.D.	40.728 #
26)	L6 AR-1254-1	0.000	7.190	0	914810	N.D.	20.224 #
27)	L6 AR-1254-2	0.000	7.355	0	1331111	N.D.	30.203 #
28)	L6 AR-1254-3	0.000	7.804	0	857506	N.D.	11.496 #
29)	L6 AR-1254-4	0.000	8.056	0	1873494	N.D.	33.854 #
30)	L6 AR-1254-5	0.000	8.500	0	1536696	N.D.	18.856 #
31)	L7 AR-1260-1	0.000	7.939	0	1773445	N.D.	30.550 #
32)	L7 AR-1260-2	0.000	8.139	0	1427359	N.D.	18.670 #
33)	L7 AR-1260-3	0.000	8.347	0	1187838	N.D.	16.942 #
34)	L7 AR-1260-4	0.000	8.810	0	587410	N.D.	8.910 #
35)	L7 AR-1260-5	0.000	9.068	0	635239	N.D.	3.383 #
36)	L8 AR-1262-1	0.000	8.500	0	1536696	N.D.	15.542 #
37)	L8 AR-1262-2	0.000	9.068	0	635239	N.D.	2.842 #
39)	L8 AR-1262-4	0.000	9.437	0	927907	N.D.	4.119 #
40)	L8 AR-1262-5	0.000	9.899	0	1060251	N.D.	6.863 #
42)	L9 AR-1268-2	0.000	9.437	0	927907	N.D.	2.901 #
43)	L9 AR-1268-3	0.000	9.645	0	915686	N.D.	3.231 #

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Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:45:53 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
44) L9	AR-1268-4	0.000	9.899	0	1060251	N.D.	6.524 #
45) L9	AR-1268-5	0.000	10.274	0	1533595	N.D.	1.221 #

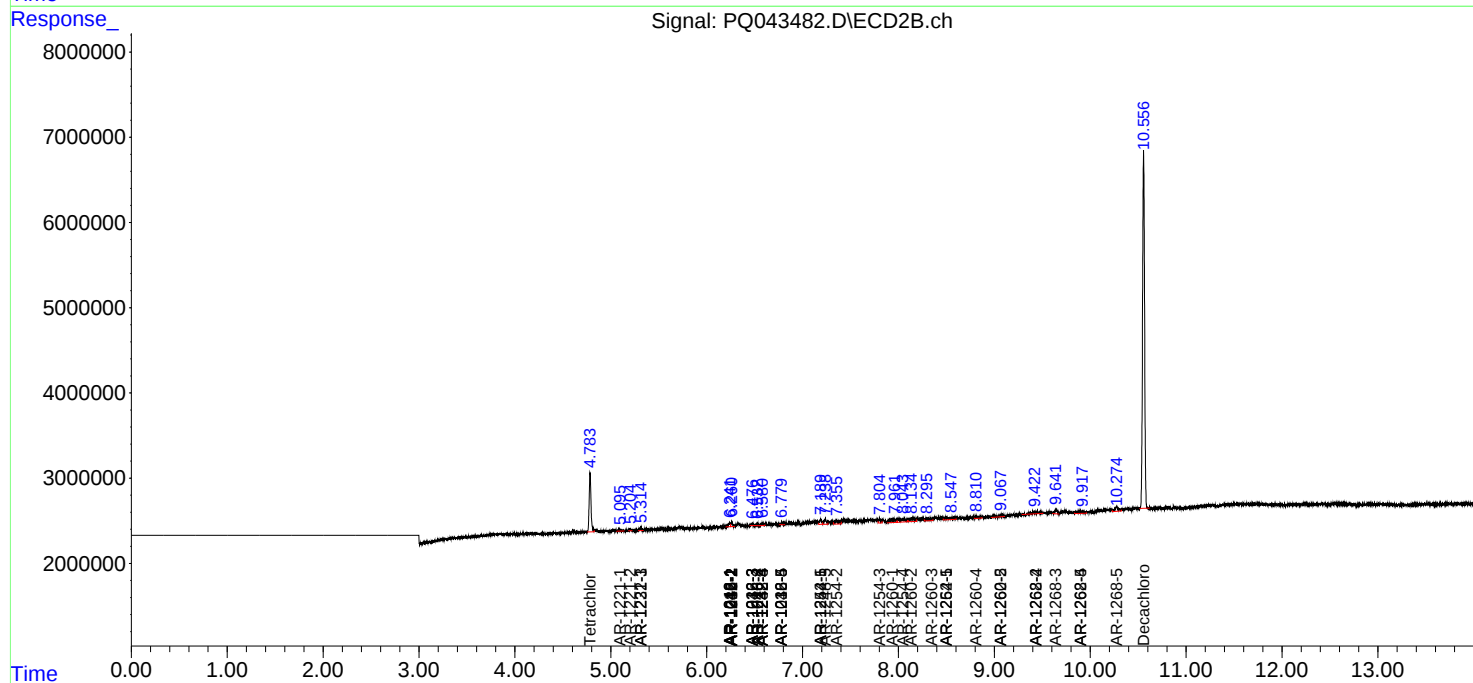
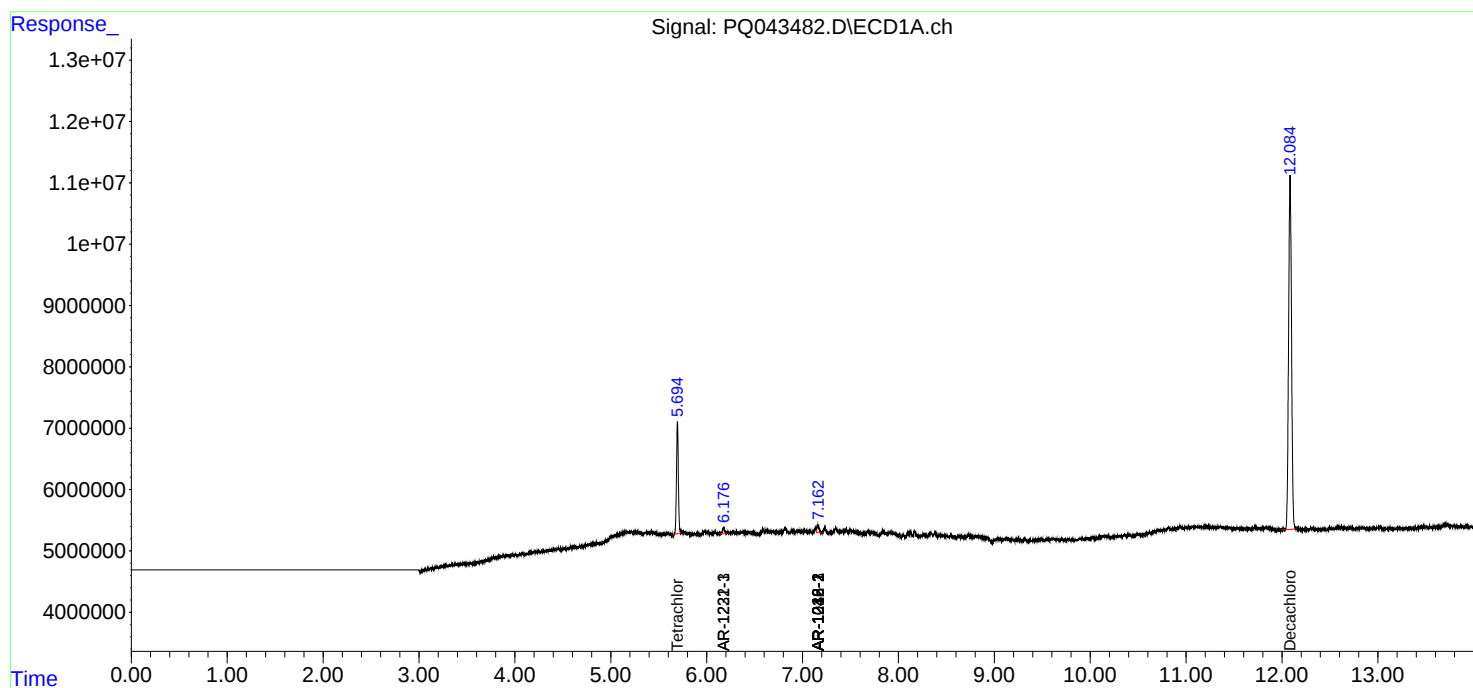
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

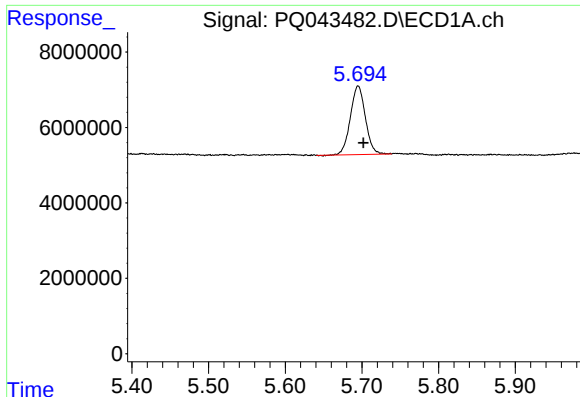
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
Data File : PQ043482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2019 18:59
Operator : SM\AJ
Sample : K3591-07
Misc : AR1232 LOD 25 PPB
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:45:53 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

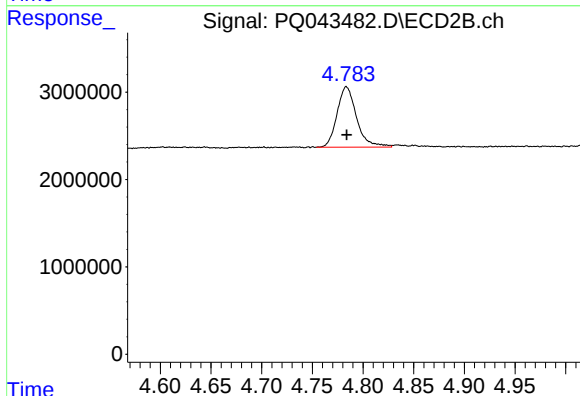




#1 Tetrachloro-m-xylene

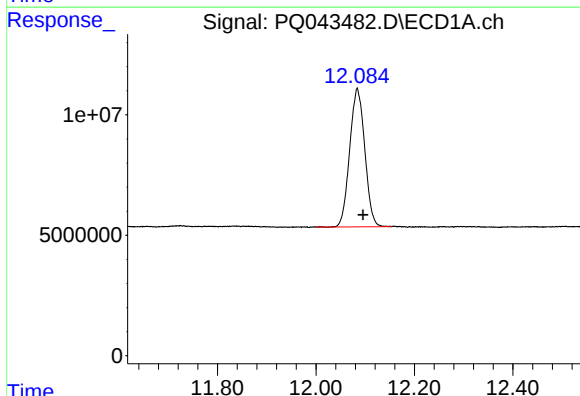
R.T.: 5.695 min
Delta R.T.: -0.007 min
Response: 24718248
Conc: 15.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



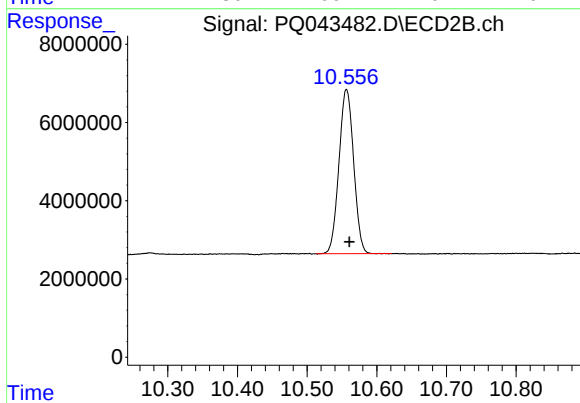
#1 Tetrachloro-m-xylene

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 9296858
Conc: 15.35 ng/ml



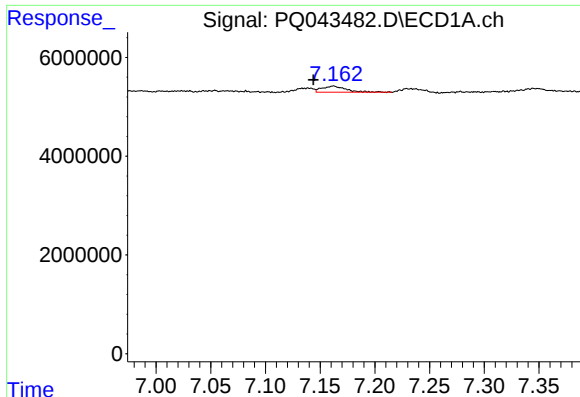
#2 Decachlorobiphenyl

R.T.: 12.084 min
Delta R.T.: -0.012 min
Response: 122013466
Conc: 19.35 ng/ml



#2 Decachlorobiphenyl

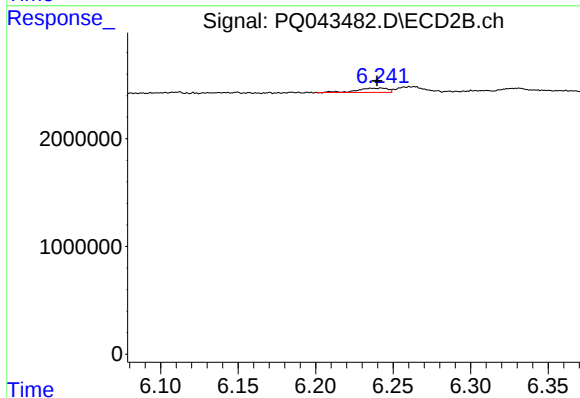
R.T.: 10.557 min
Delta R.T.: -0.004 min
Response: 61518588
Conc: 19.64 ng/ml



#3 AR-1016-1

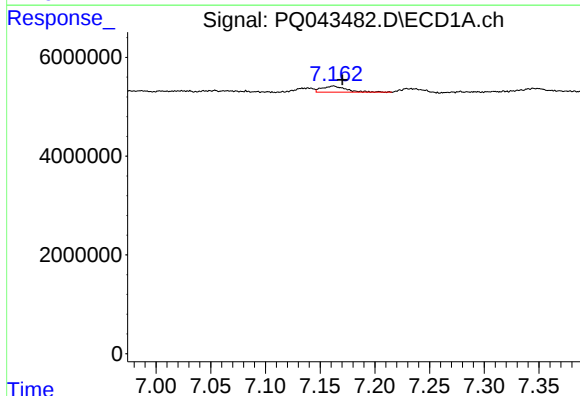
R.T.: 7.162 min
Delta R.T.: 0.018 min
Response: 1872432
Conc: 27.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



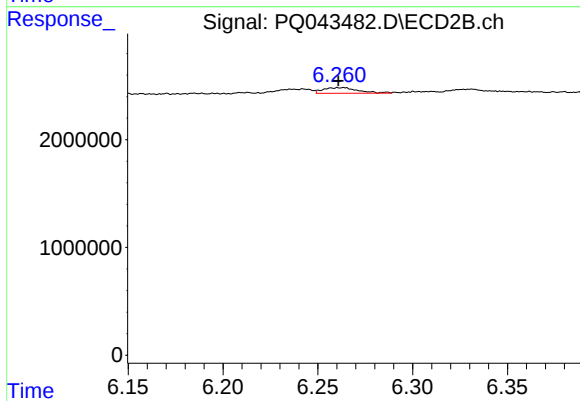
#3 AR-1016-1

R.T.: 6.241 min
Delta R.T.: 0.001 min
Response: 521526
Conc: 17.68 ng/ml



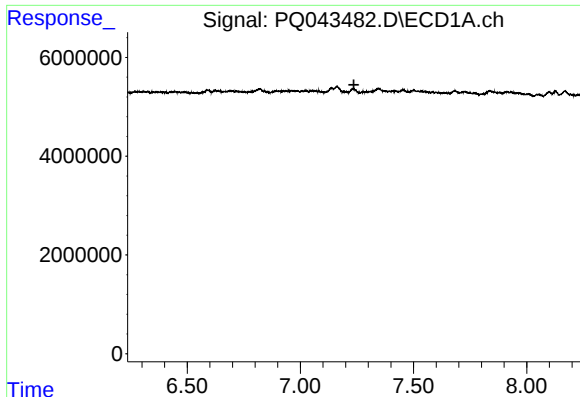
#4 AR-1016-2

R.T.: 7.162 min
Delta R.T.: -0.008 min
Response: 1872432
Conc: 19.11 ng/ml



#4 AR-1016-2

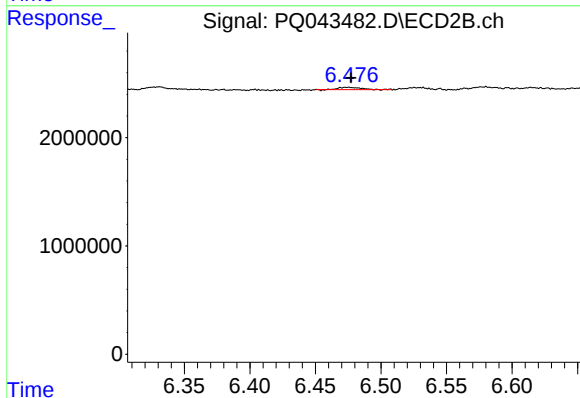
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 666715
Conc: 17.02 ng/ml



#5 AR-1016-3

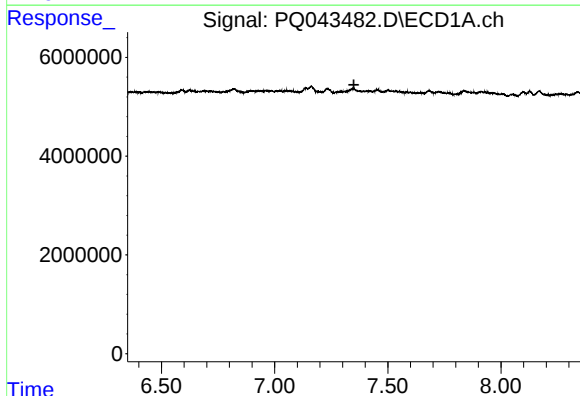
R.T.: 0.000 min
Exp R.T.: 7.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



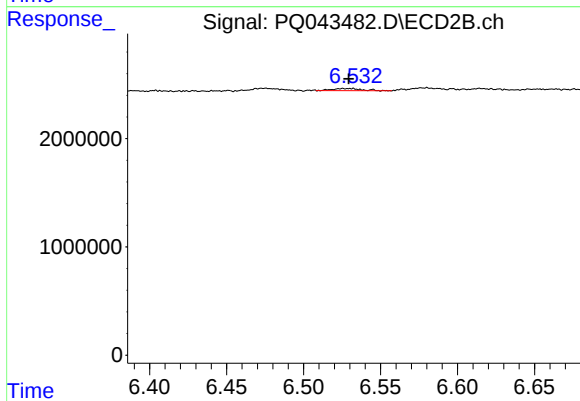
#5 AR-1016-3

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 248983
Conc: 11.84 ng/ml



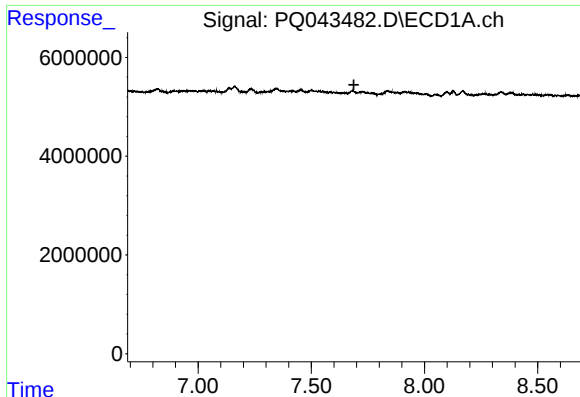
#6 AR-1016-4

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



#6 AR-1016-4

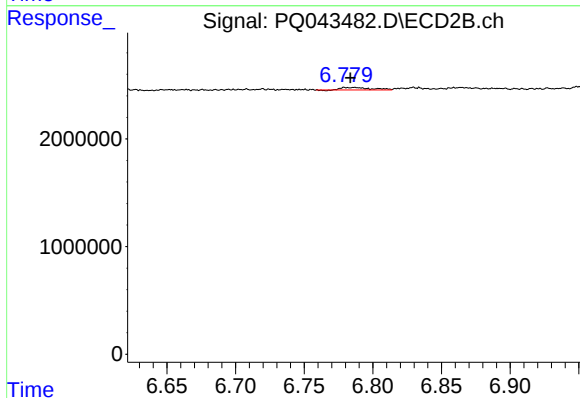
R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 272846
Conc: 15.66 ng/ml



#7 AR-1016-5

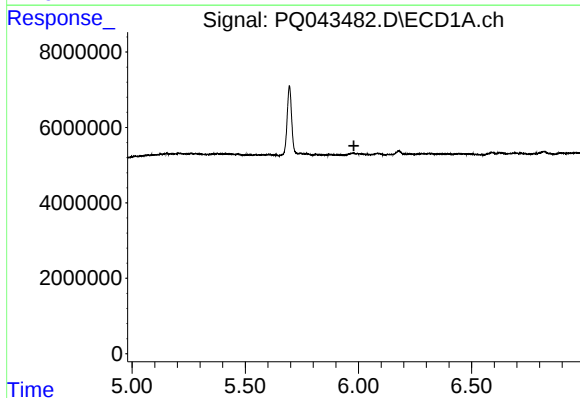
R.T.: 0.000 min
Exp R.T.: 7.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



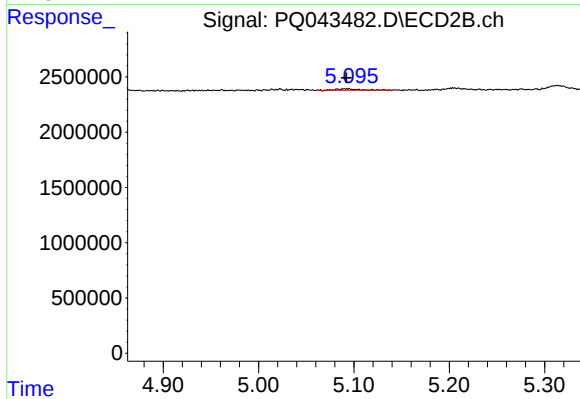
#7 AR-1016-5

R.T.: 6.785 min
Delta R.T.: 0.001 min
Response: 351417
Conc: 15.70 ng/ml



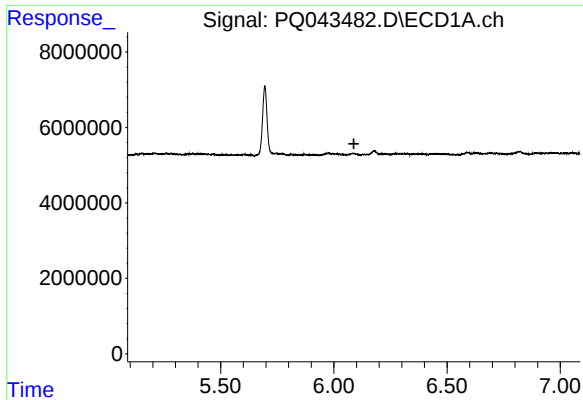
#8 AR-1221-1

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



#8 AR-1221-1

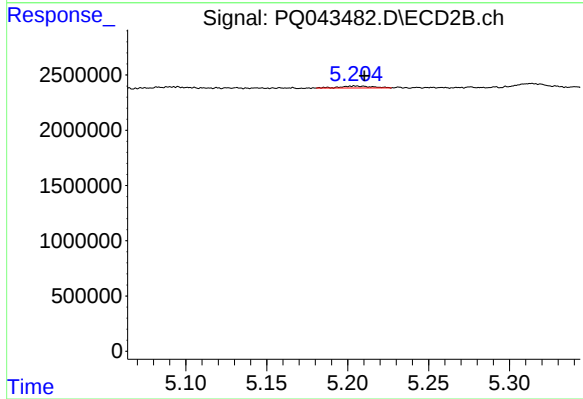
R.T.: 5.095 min
Delta R.T.: 0.003 min
Response: 232650
Conc: 39.92 ng/ml



#9 AR-1221-2

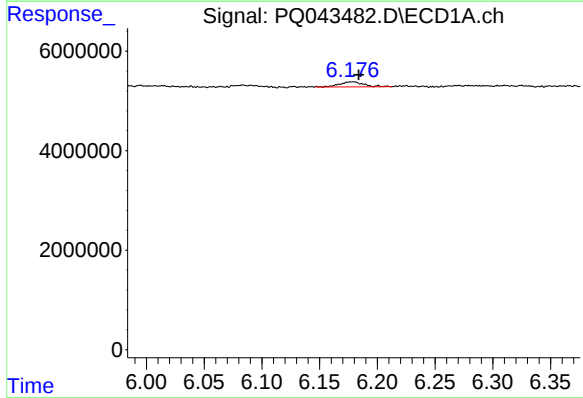
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



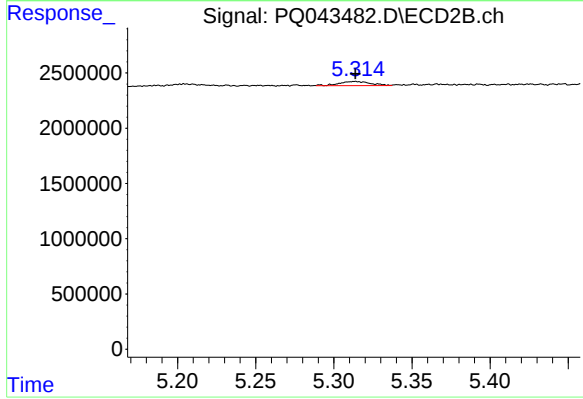
#9 AR-1221-2

R.T.: 5.204 min
Delta R.T.: -0.006 min
Response: 234167
Conc: 48.70 ng/ml



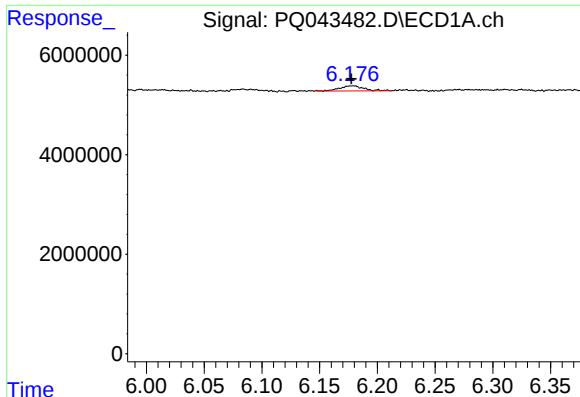
#10 AR-1221-3

R.T.: 6.179 min
Delta R.T.: -0.005 min
Response: 1506177
Conc: 36.96 ng/ml



#10 AR-1221-3

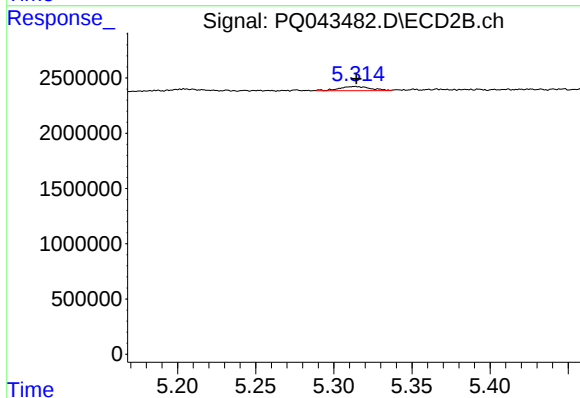
R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 542349
Conc: 33.04 ng/ml



#11 AR-1232-1

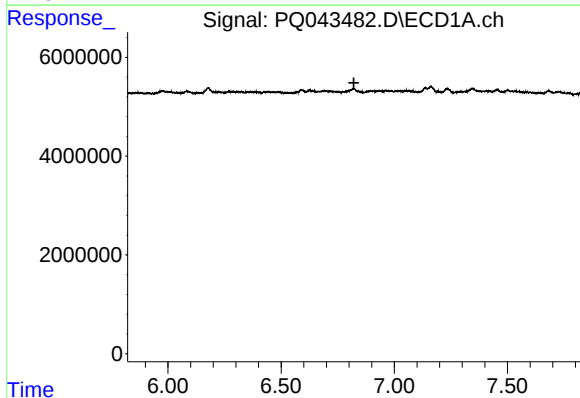
R.T.: 6.179 min
Delta R.T.: 0.001 min
Response: 1506177
Conc: 33.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



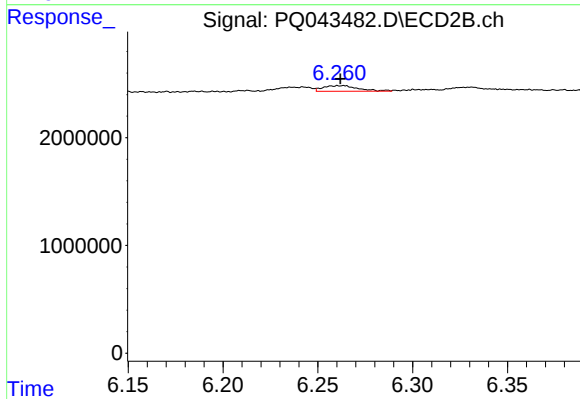
#11 AR-1232-1

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 542349
Conc: 29.35 ng/ml



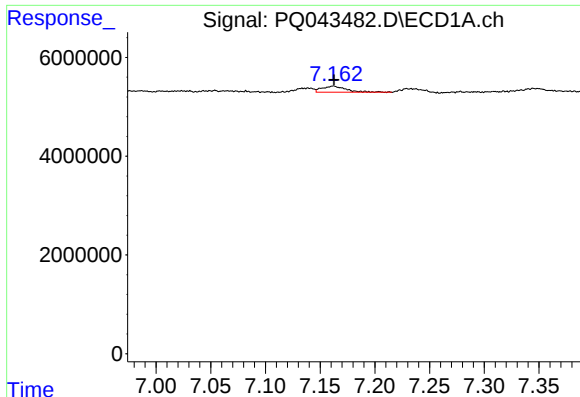
#12 AR-1232-2

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



#12 AR-1232-2

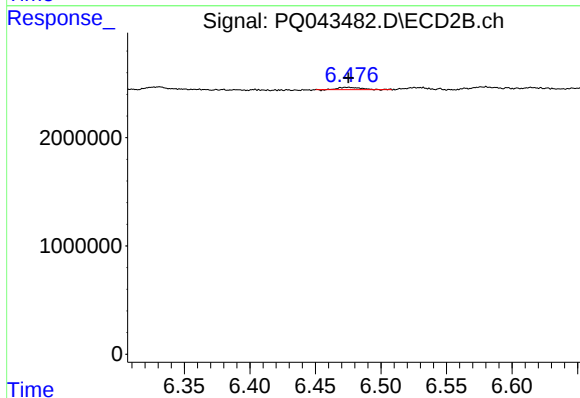
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 666715
Conc: 33.42 ng/ml



#13 AR-1232-3

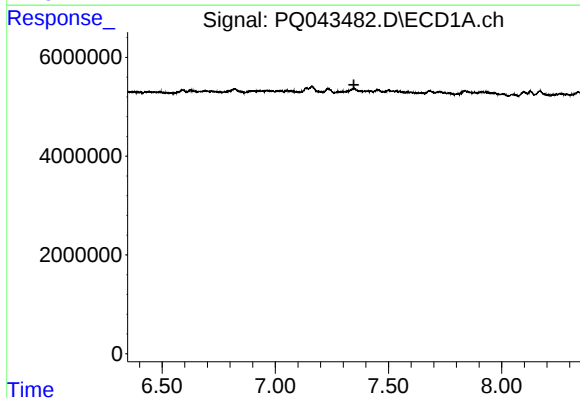
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 1872432
Conc: 35.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



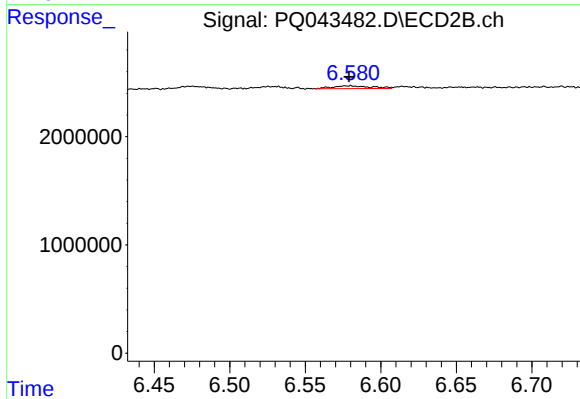
#13 AR-1232-3

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 248983
Conc: 22.94 ng/ml



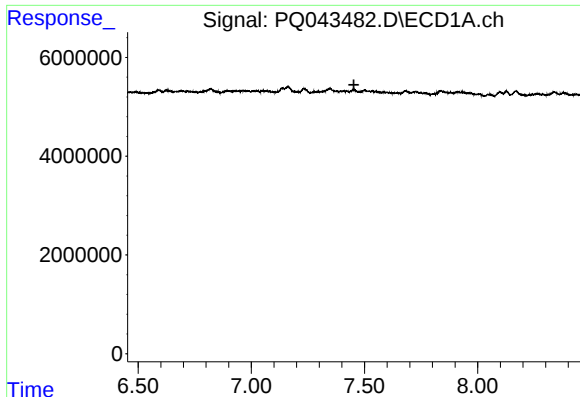
#14 AR-1232-4

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



#14 AR-1232-4

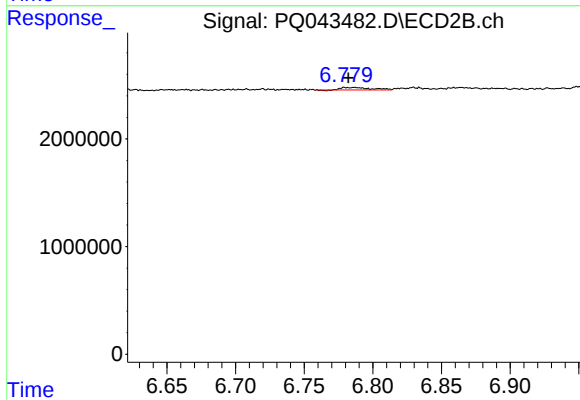
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 462839
Conc: 45.34 ng/ml



#15 AR-1232-5

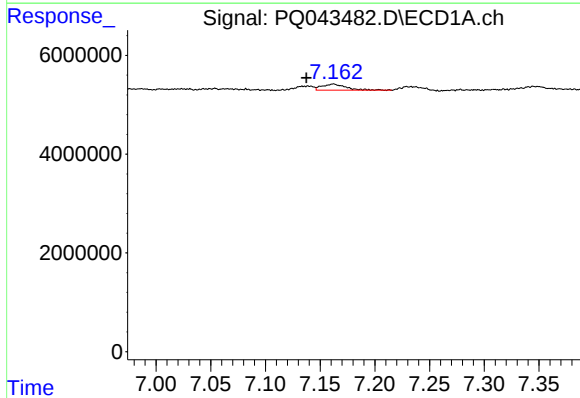
R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



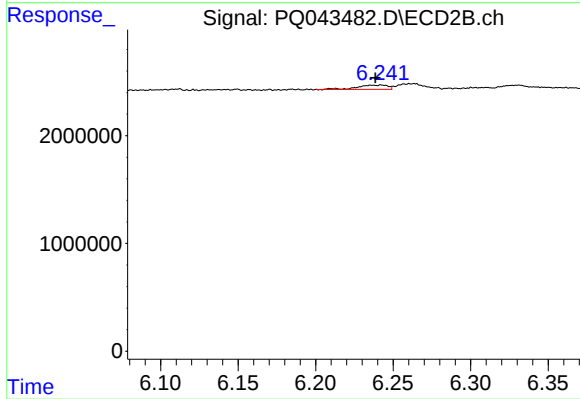
#15 AR-1232-5

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 351417
Conc: 32.10 ng/ml



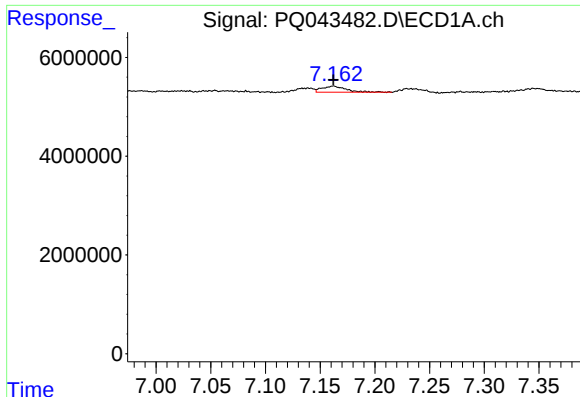
#16 AR-1242-1

R.T.: 7.162 min
Delta R.T.: 0.025 min
Response: 1872432
Conc: 45.73 ng/ml



#16 AR-1242-1

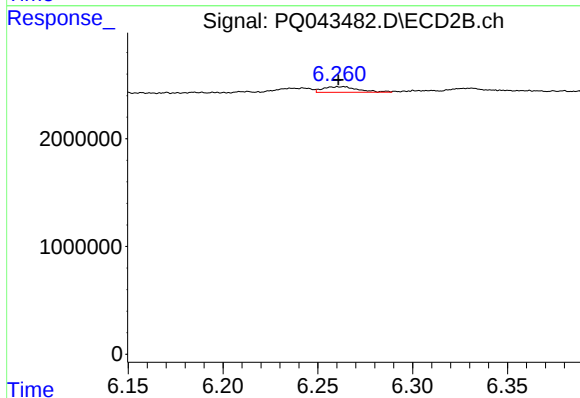
R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 521526
Conc: 30.19 ng/ml



#17 AR-1242-2

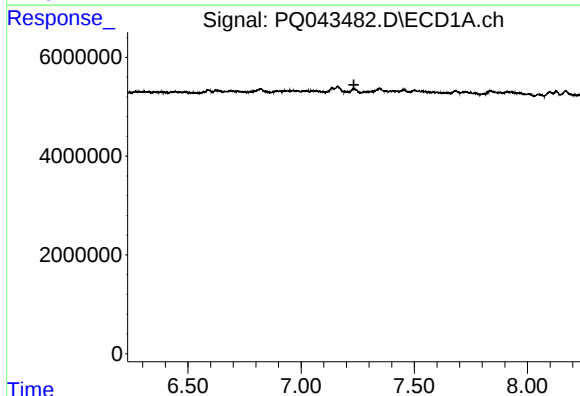
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 1872432
Conc: 31.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



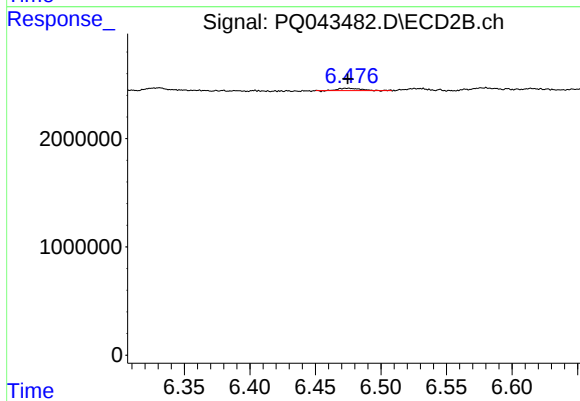
#17 AR-1242-2

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 666715
Conc: 28.71 ng/ml



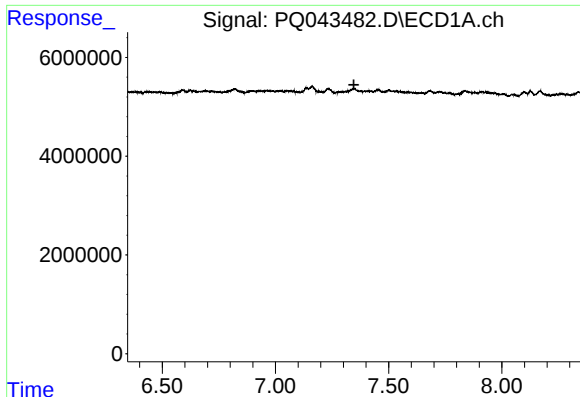
#18 AR-1242-3

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



#18 AR-1242-3

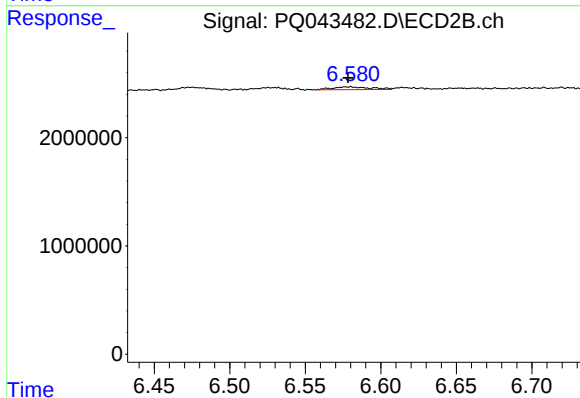
R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 248983
Conc: 20.15 ng/ml



#19 AR-1242-4

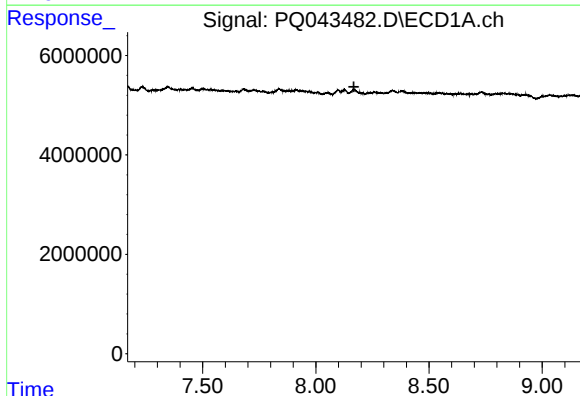
R.T.: 0.000 min
Exp R.T.: 7.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



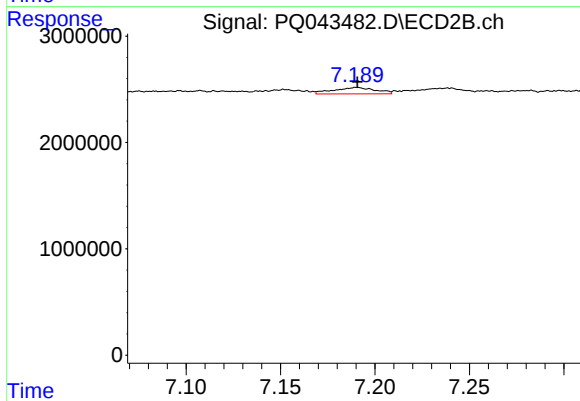
#19 AR-1242-4

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 462839
Conc: 36.43 ng/ml



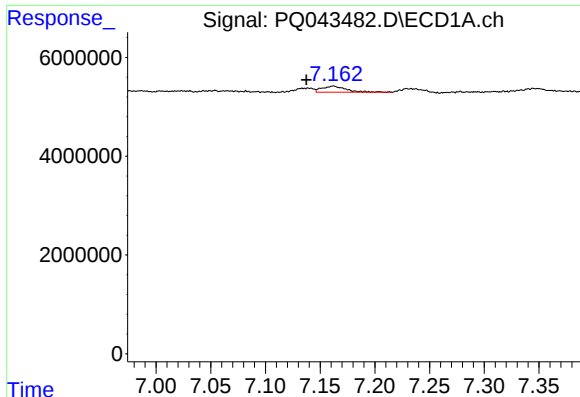
#20 AR-1242-5

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



#20 AR-1242-5

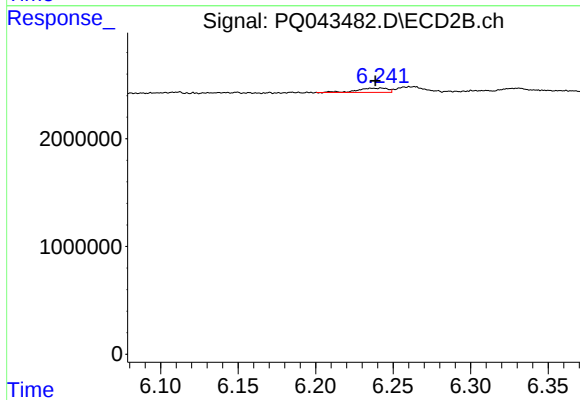
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 914810
Conc: 45.69 ng/ml



#21 AR-1248-1

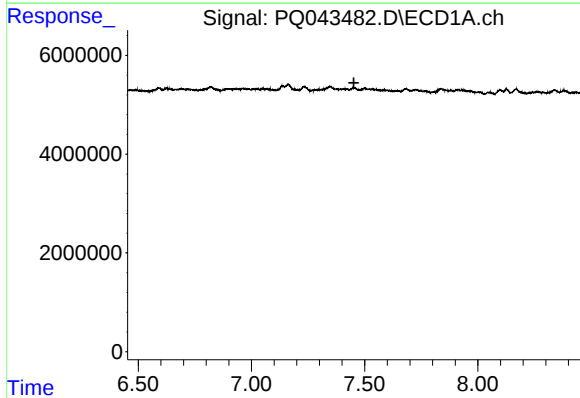
R.T.: 7.162 min
Delta R.T.: 0.025 min
Response: 1872432
Conc: 59.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



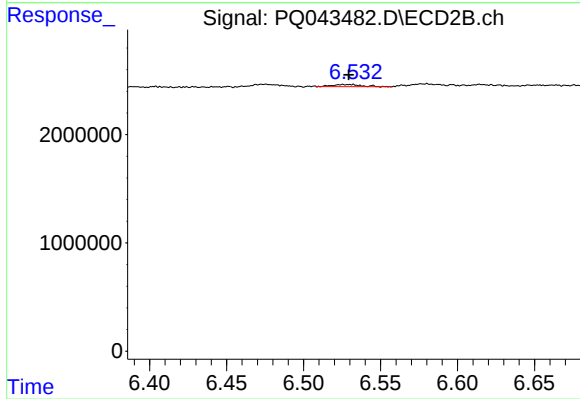
#21 AR-1248-1

R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 521526
Conc: 41.41 ng/ml



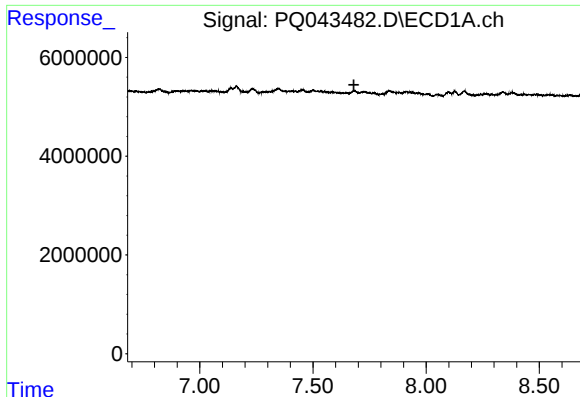
#22 AR-1248-2

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



#22 AR-1248-2

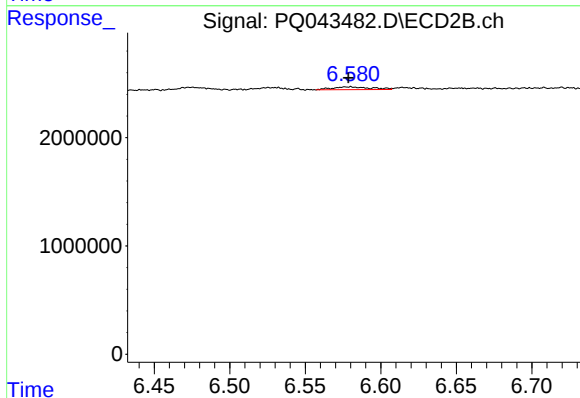
R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 272846
Conc: 15.41 ng/ml



#23 AR-1248-3

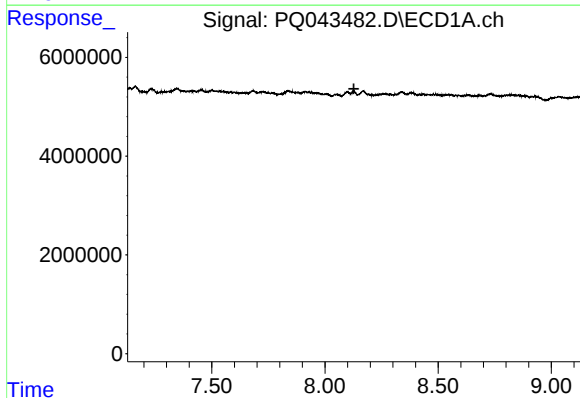
R.T.: 0.000 min
Exp R.T.: 7.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



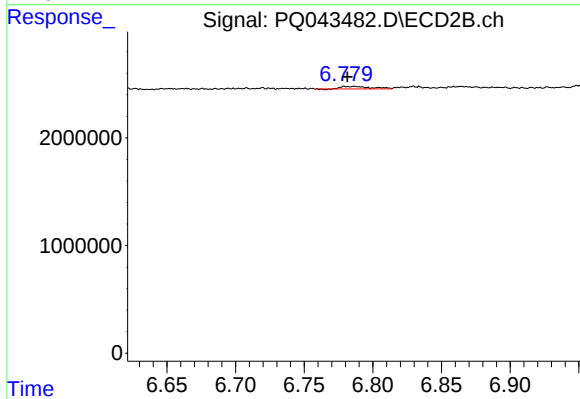
#23 AR-1248-3

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 462839
Conc: 24.72 ng/ml



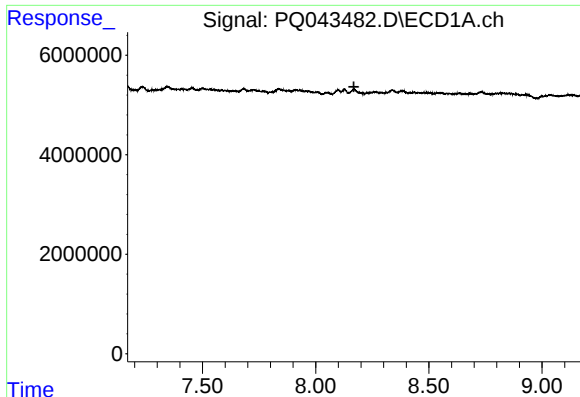
#24 AR-1248-4

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



#24 AR-1248-4

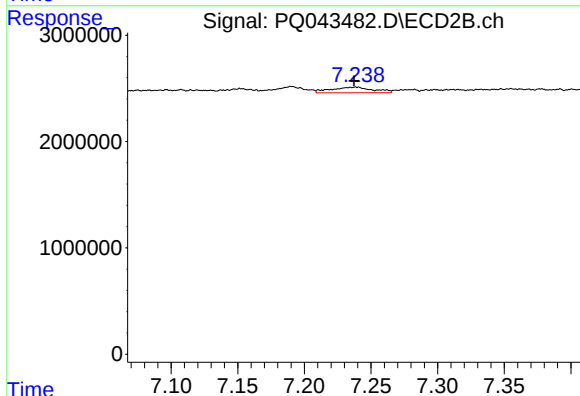
R.T.: 6.785 min
Delta R.T.: 0.004 min
Response: 351417
Conc: 15.23 ng/ml



#25 AR-1248-5

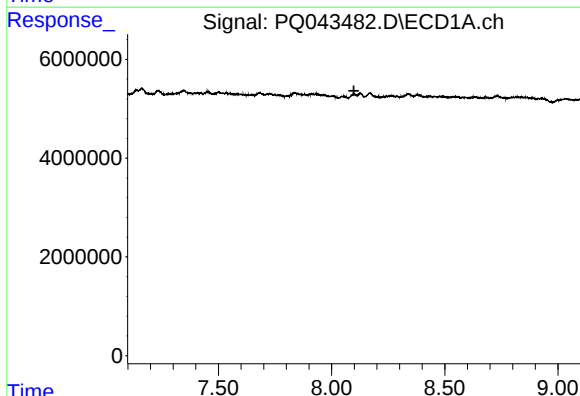
R.T.: 0.000 min
Exp R.T.: 8.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



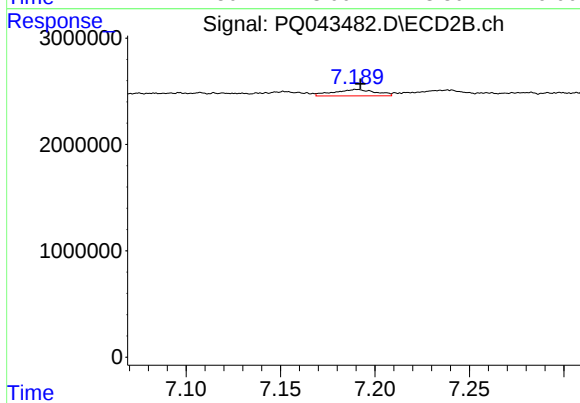
#25 AR-1248-5

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 1154312
Conc: 40.73 ng/ml



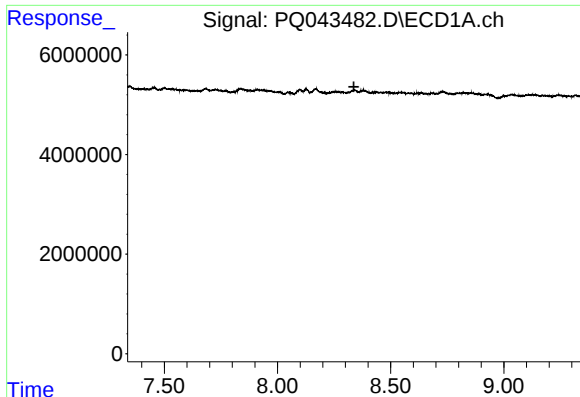
#26 AR-1254-1

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



#26 AR-1254-1

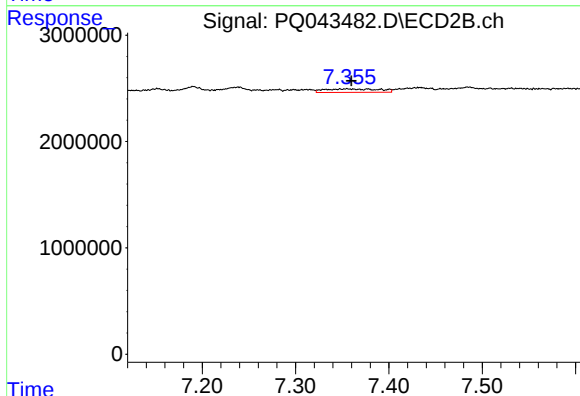
R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 914810
Conc: 20.22 ng/ml



#27 AR-1254-2

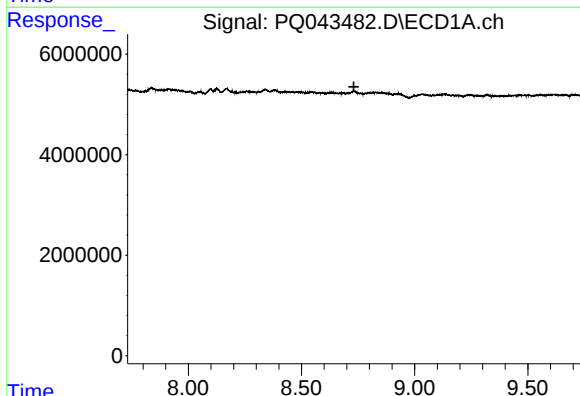
R.T.: 0.000 min
Exp R.T.: 8.338 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



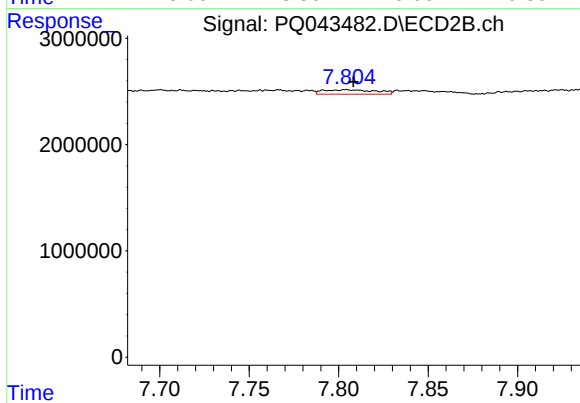
#27 AR-1254-2

R.T.: 7.355 min
Delta R.T.: -0.005 min
Response: 1331111
Conc: 30.20 ng/ml



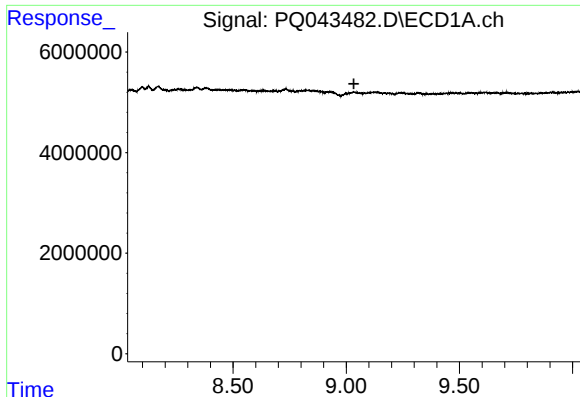
#28 AR-1254-3

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



#28 AR-1254-3

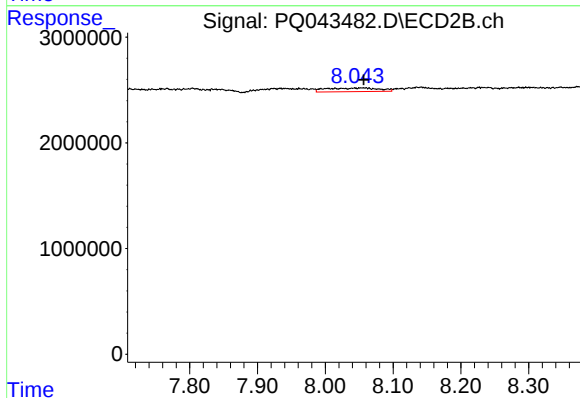
R.T.: 7.804 min
Delta R.T.: -0.004 min
Response: 857506
Conc: 11.50 ng/ml



#29 AR-1254-4

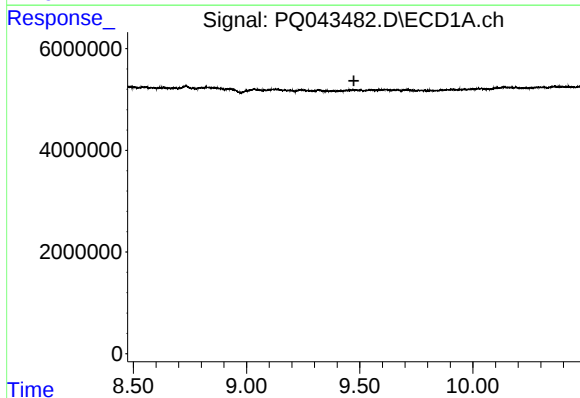
R.T.: 0.000 min
Exp R.T. : 9.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



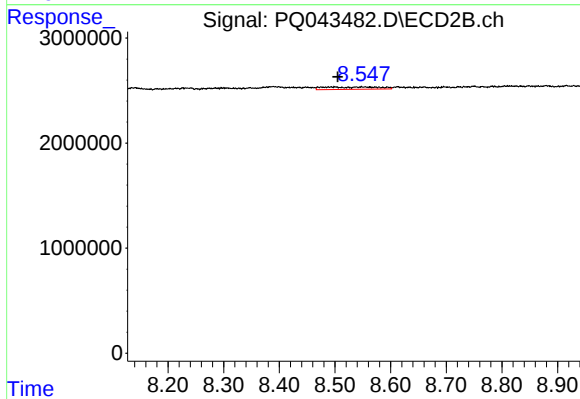
#29 AR-1254-4

R.T.: 8.056 min
Delta R.T.: -0.001 min
Response: 1873494
Conc: 33.85 ng/ml



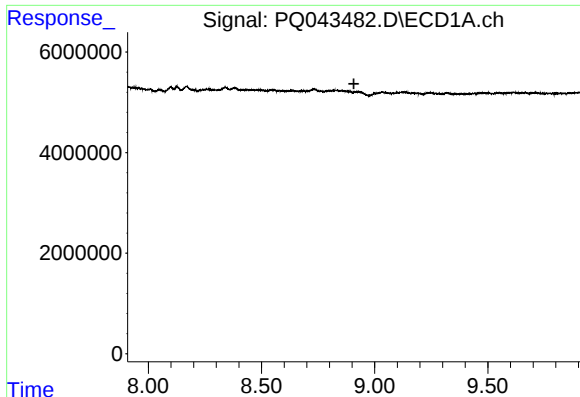
#30 AR-1254-5

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



#30 AR-1254-5

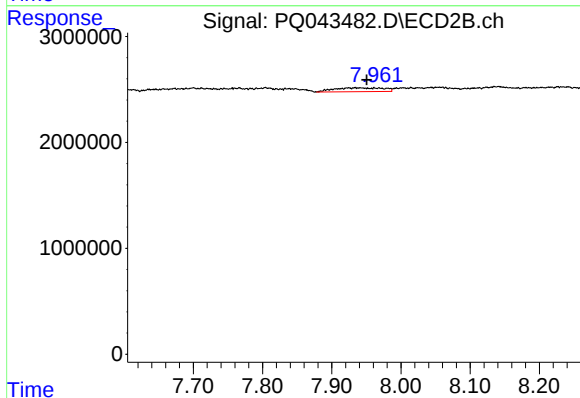
R.T.: 8.500 min
Delta R.T.: -0.005 min
Response: 1536696
Conc: 18.86 ng/ml



#31 AR-1260-1

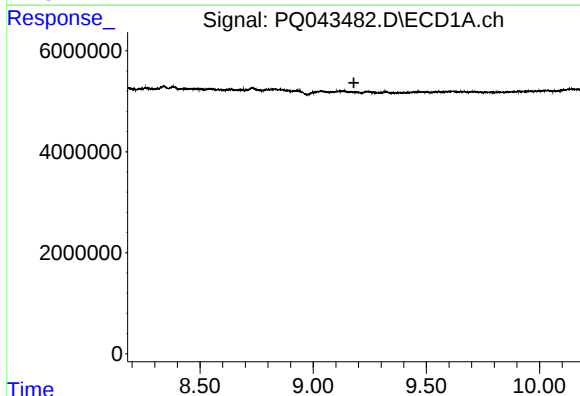
R.T.: 0.000 min
Exp R.T.: 8.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



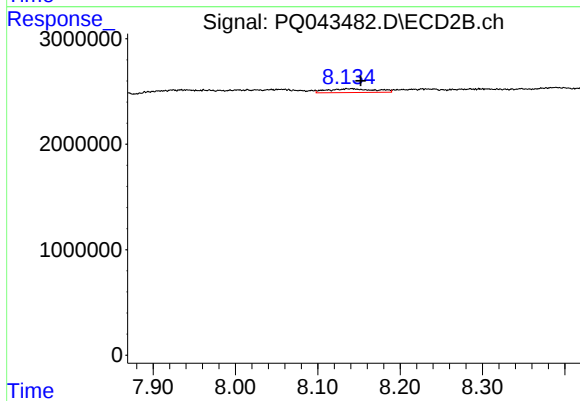
#31 AR-1260-1

R.T.: 7.939 min
Delta R.T.: -0.012 min
Response: 1773445
Conc: 30.55 ng/ml



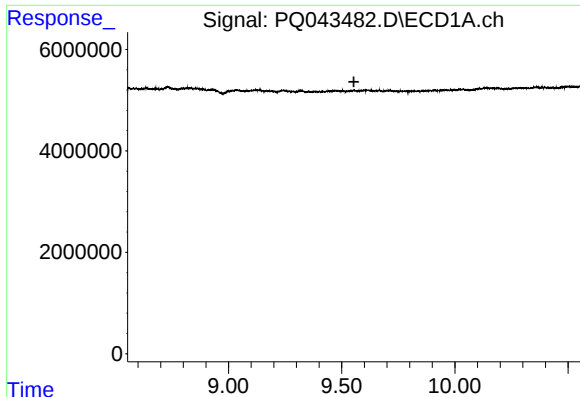
#32 AR-1260-2

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



#32 AR-1260-2

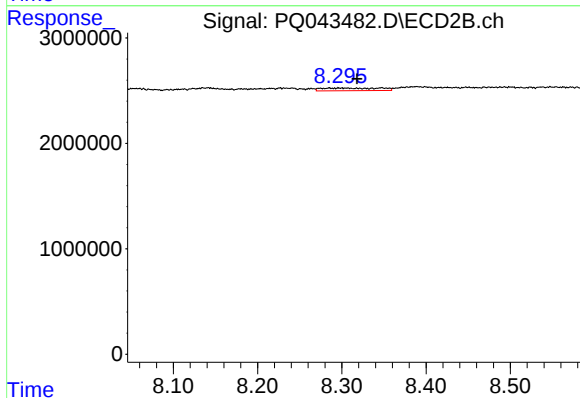
R.T.: 8.139 min
Delta R.T.: -0.013 min
Response: 1427359
Conc: 18.67 ng/ml



#33 AR-1260-3

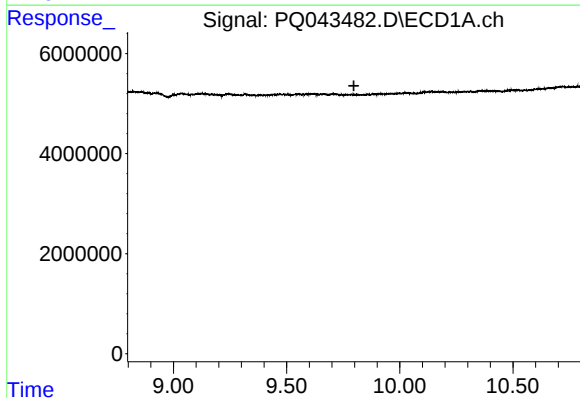
R.T.: 0.000 min
Exp R.T.: 9.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



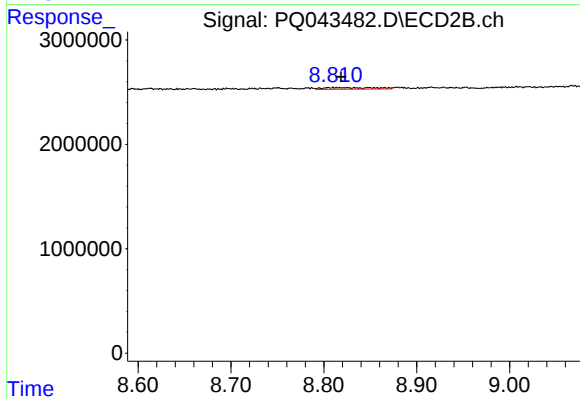
#33 AR-1260-3

R.T.: 8.347 min
Delta R.T.: 0.029 min
Response: 1187838
Conc: 16.94 ng/ml



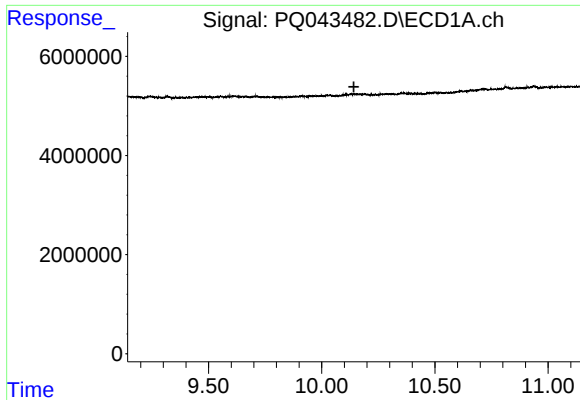
#34 AR-1260-4

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



#34 AR-1260-4

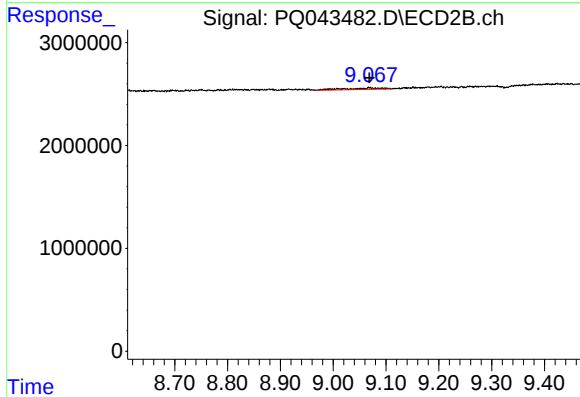
R.T.: 8.810 min
Delta R.T.: -0.008 min
Response: 587410
Conc: 8.91 ng/ml



#35 AR-1260-5

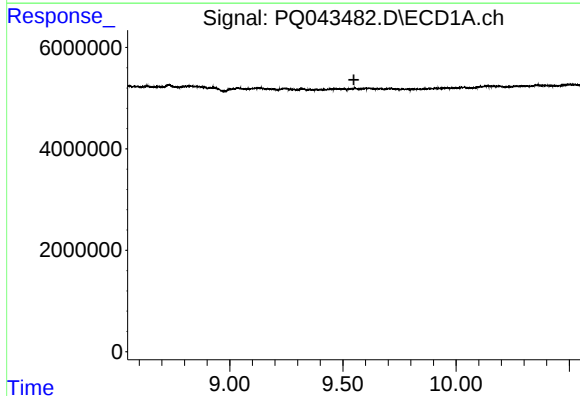
R.T.: 0.000 min
Exp R.T.: 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



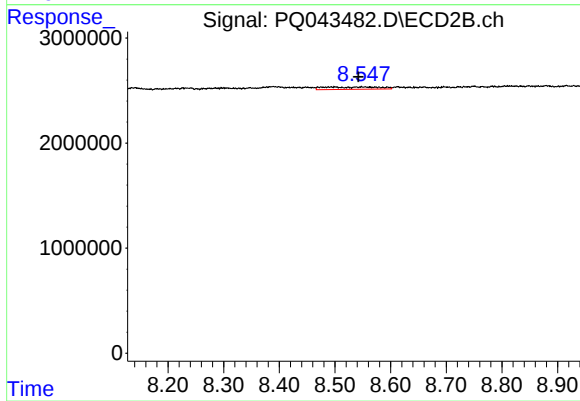
#35 AR-1260-5

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 635239
Conc: 3.38 ng/ml



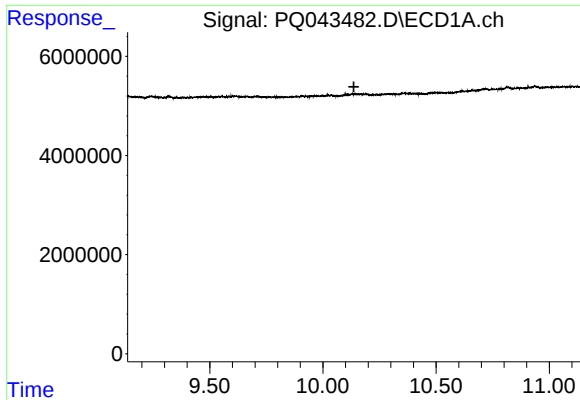
#36 AR-1262-1

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



#36 AR-1262-1

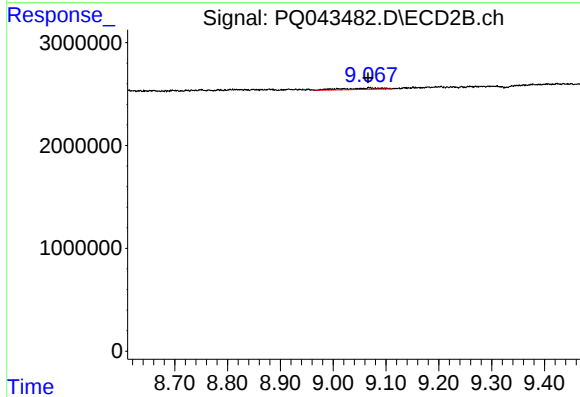
R.T.: 8.500 min
Delta R.T.: -0.043 min
Response: 1536696
Conc: 15.54 ng/ml



#37 AR-1262-2

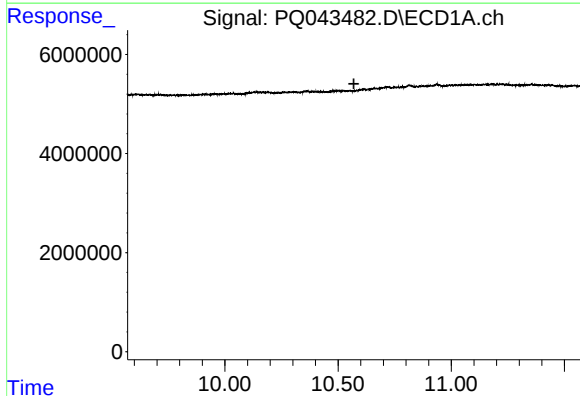
R.T.: 0.000 min
Exp R.T. : 10.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



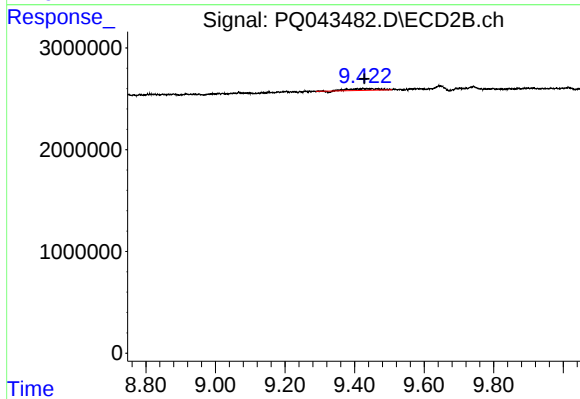
#37 AR-1262-2

R.T.: 9.068 min
Delta R.T.: 0.002 min
Response: 635239
Conc: 2.84 ng/ml



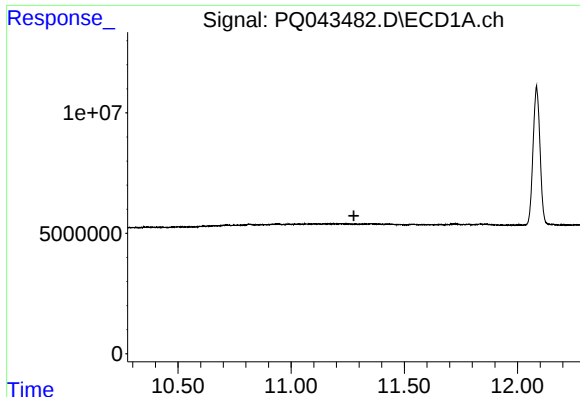
#39 AR-1262-4

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



#39 AR-1262-4

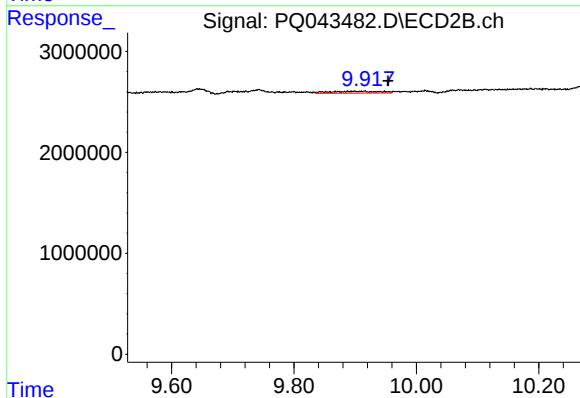
R.T.: 9.437 min
Delta R.T.: 0.009 min
Response: 927907
Conc: 4.12 ng/ml



#40 AR-1262-5

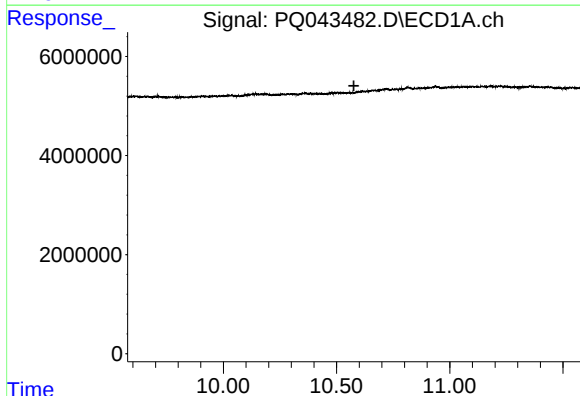
R.T.: 0.000 min
Exp R.T. : 11.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



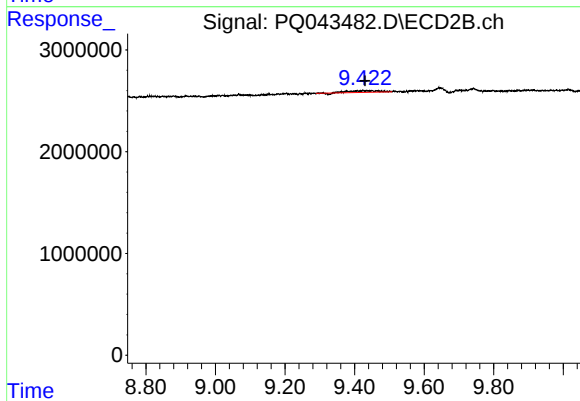
#40 AR-1262-5

R.T.: 9.899 min
Delta R.T.: -0.055 min
Response: 1060251
Conc: 6.86 ng/ml



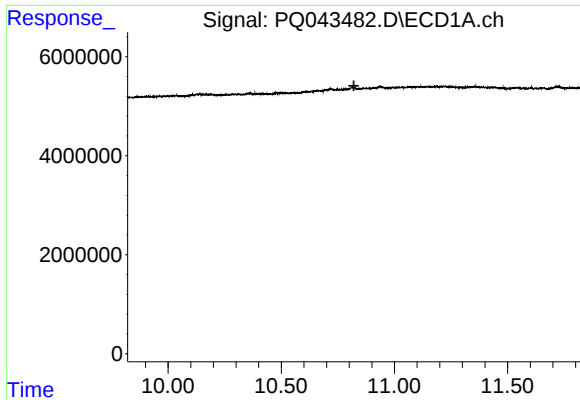
#42 AR-1268-2

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



#42 AR-1268-2

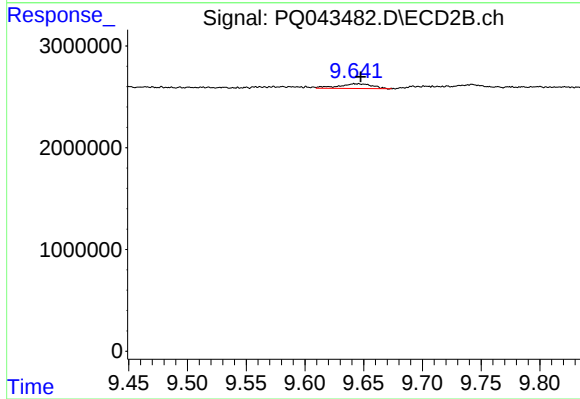
R.T.: 9.437 min
Delta R.T.: 0.007 min
Response: 927907
Conc: 2.90 ng/ml



#43 AR-1268-3

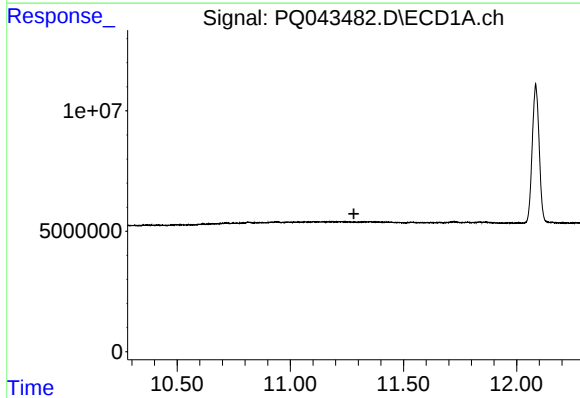
R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



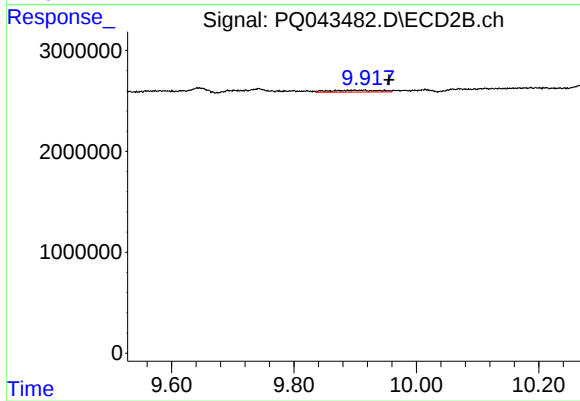
#43 AR-1268-3

R.T.: 9.645 min
Delta R.T.: -0.003 min
Response: 915686
Conc: 3.23 ng/ml



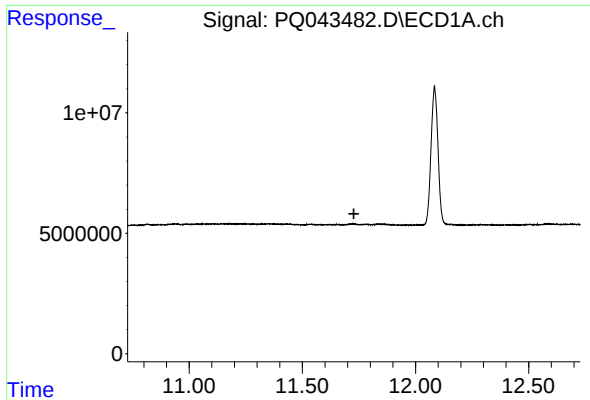
#44 AR-1268-4

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



#44 AR-1268-4

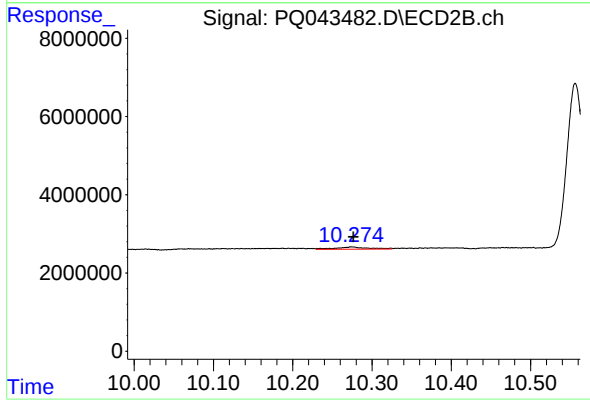
R.T.: 9.899 min
Delta R.T.: -0.057 min
Response: 1060251
Conc: 6.52 ng/ml



#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.: 10.274 min
Delta R.T.: -0.003 min
Response: 1533595
Conc: 1.22 ng/ml