

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 05:08
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 07:23:22 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...	5.694	4.784	37699441	13808736	23.661	22.797
2)	SA Decachlor...	12.080	10.553	150.8E6	75634199	23.906	24.147
Target Compounds							
3)	L1 AR-1016-1	0.000	6.238	0	148009	N.D.	5.018 #
4)	L1 AR-1016-2	0.000	6.258	0	158881	N.D.	4.056 #
5)	L1 AR-1016-3	0.000	6.443	0	35767	N.D.	1.700 #
6)	L1 AR-1016-4	0.000	6.549	0	52122	N.D.	2.992 #
7)	L1 AR-1016-5	0.000	6.783	0	10463	N.D.	0.467 #
8)	L2 AR-1221-1	0.000	5.092	0	186383	N.D.	31.977 #
9)	L2 AR-1221-2	0.000	5.204	0	337564	N.D.	70.204 #
10)	L2 AR-1221-3	6.177	5.312	2758377	1039182	67.679	63.314
11)	L3 AR-1232-1	6.177	5.312	2758377	1039182	61.063	56.239
12)	L3 AR-1232-2	0.000	6.265	0	62603	N.D.	3.138 #
13)	L3 AR-1232-3	0.000	6.443	0	35767	N.D.	3.295 #
14)	L3 AR-1232-4	0.000	6.601	0	78548	N.D.	7.694 #
15)	L3 AR-1232-5	0.000	6.783	0	10463	N.D.	0.956 #
16)	L4 AR-1242-1	0.000	6.238	0	148009	N.D.	8.567 #
17)	L4 AR-1242-2	0.000	6.258	0	158881	N.D.	6.842 #
18)	L4 AR-1242-3	0.000	6.443	0	35767	N.D.	2.894 #
19)	L4 AR-1242-4	0.000	6.601	0	78548	N.D.	6.182 #
20)	L4 AR-1242-5	0.000	7.142	0	389767	N.D.	19.468 #
21)	L5 AR-1248-1	0.000	6.238	0	148009	N.D.	11.752 #
22)	L5 AR-1248-2	0.000	6.549	0	52122	N.D.	2.943 #
23)	L5 AR-1248-3	0.000	6.601	0	78548	N.D.	4.196 #
24)	L5 AR-1248-4	0.000	6.783	0	10463	N.D.	0.453 #
26)	L6 AR-1254-1	0.000	7.142	0	389767	N.D.	8.617 #
28)	L6 AR-1254-3	0.000	7.802	0	439564	N.D.	5.893 #
29)	L6 AR-1254-4	0.000	8.042	0	119665	N.D.	2.162 #
30)	L6 AR-1254-5	0.000	8.495	0	347703	N.D.	4.266 #
31)	L7 AR-1260-1	0.000	7.938	0	61762	N.D.	1.064 #
32)	L7 AR-1260-2	0.000	8.136	0	493039	N.D.	6.449 #
33)	L7 AR-1260-3	0.000	8.323	0	292248	N.D.	4.168 #
34)	L7 AR-1260-4	0.000	8.878	0	405848	N.D.	6.156 #
35)	L7 AR-1260-5	0.000	9.045	0	151441	N.D.	0.807 #
36)	L8 AR-1262-1	0.000	8.547	0	455021	N.D.	4.602 #
37)	L8 AR-1262-2	0.000	9.045	0	151441	N.D.	0.678 #
38)	L8 AR-1262-3	0.000	9.428	0	1140287	N.D.	9.911 #
39)	L8 AR-1262-4	0.000	9.428	0	1140287	N.D.	5.061 #
40)	L8 AR-1262-5	0.000	9.926	0	426553	N.D.	2.761 #
41)	L9 AR-1268-1	0.000	9.428	0	1140287	N.D.	3.488 #
42)	L9 AR-1268-2	0.000	9.428	0	1140287	N.D.	3.565 #
43)	L9 AR-1268-3	0.000	9.642	0	767410	N.D.	2.708 #

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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
44) L9	AR-1268-4	0.000	9.926	0	426553	N.D.	2.625 #
45) L9	AR-1268-5	0.000	10.270	0	4797848	N.D.	3.821 #

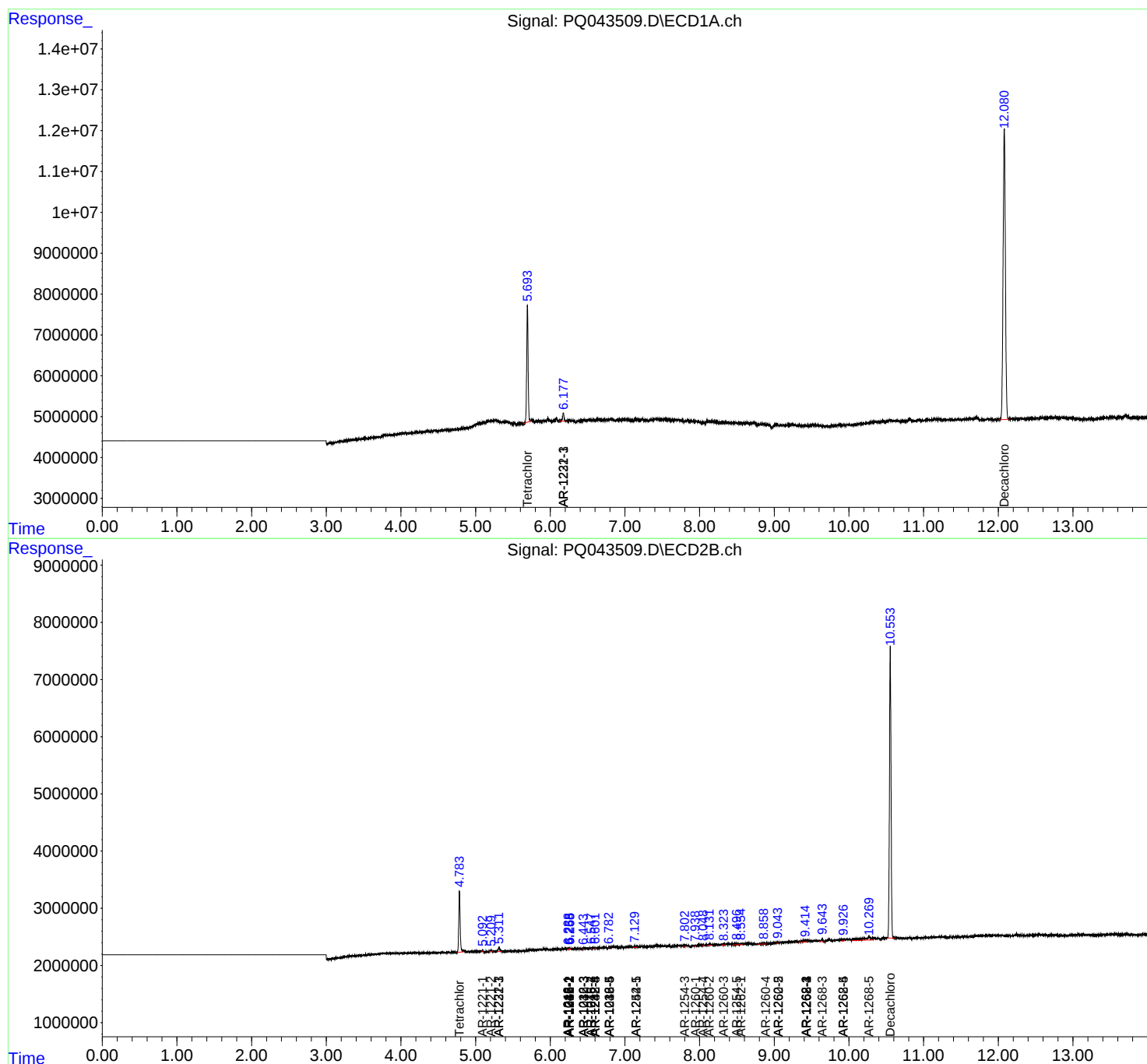
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

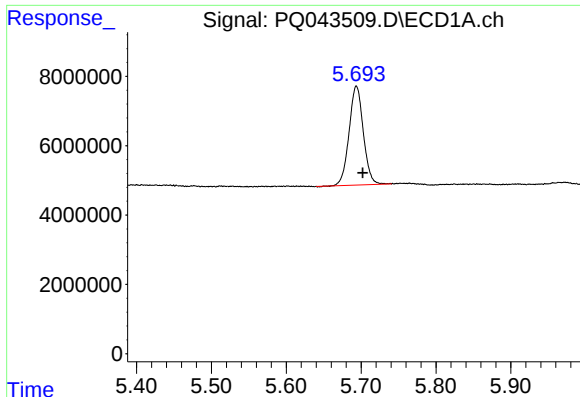
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
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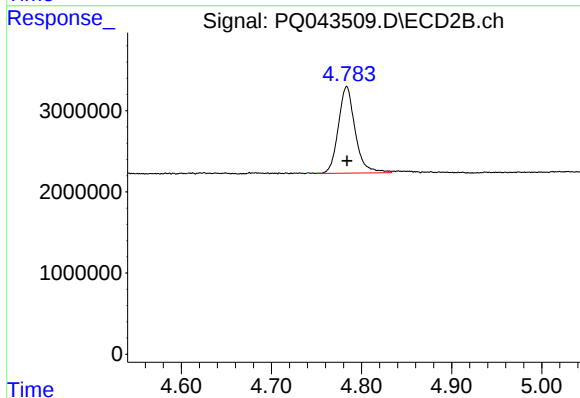




#1 Tetrachloro-m-xylene

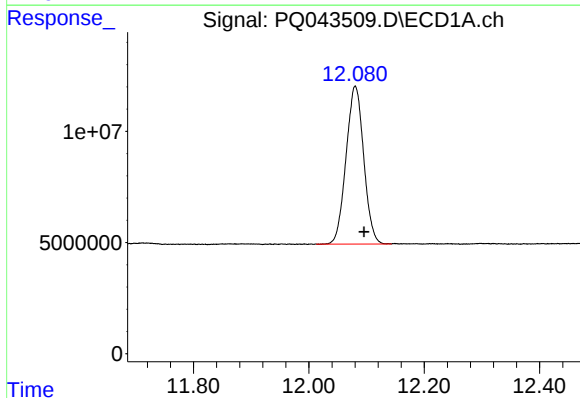
R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 37699441
Conc: 23.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



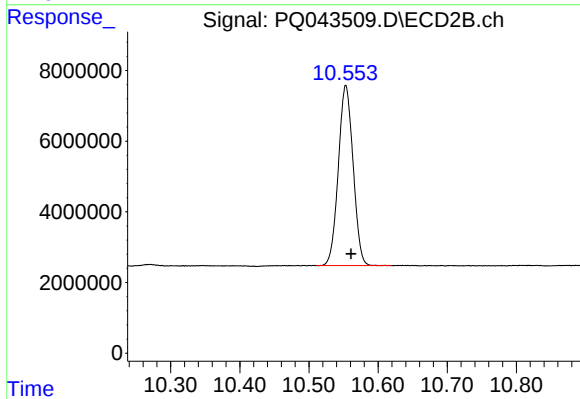
#1 Tetrachloro-m-xylene

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 13808736
Conc: 22.80 ng/ml



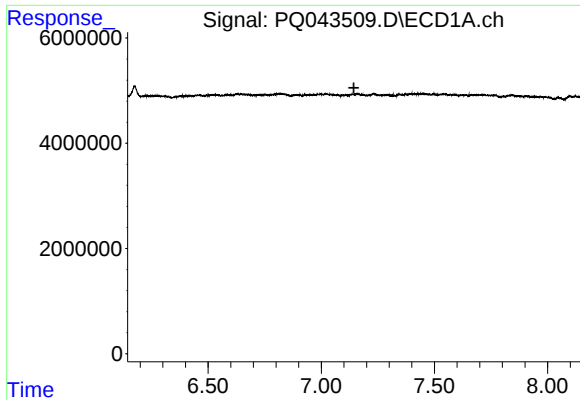
#2 Decachlorobiphenyl

R.T.: 12.080 min
Delta R.T.: -0.015 min
Response: 150774377
Conc: 23.91 ng/ml



#2 Decachlorobiphenyl

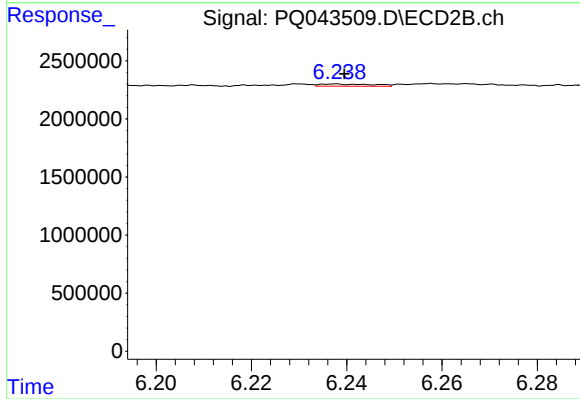
R.T.: 10.553 min
Delta R.T.: -0.007 min
Response: 75634199
Conc: 24.15 ng/ml



#3 AR-1016-1

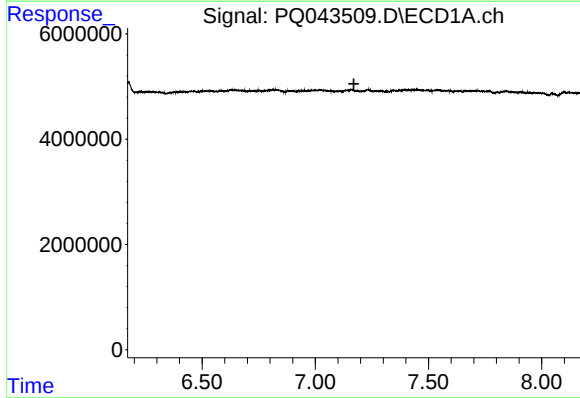
R.T.: 0.000 min
Exp R.T.: 7.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



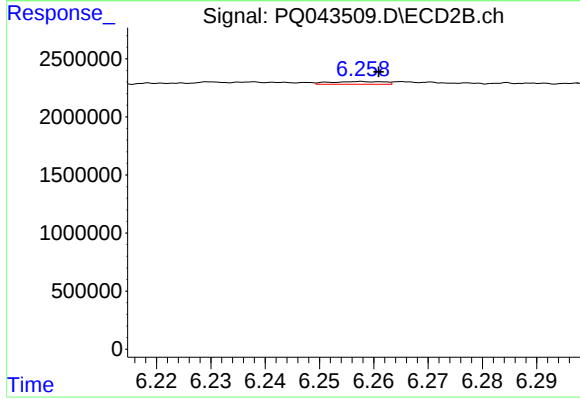
#3 AR-1016-1

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 148009
Conc: 5.02 ng/ml



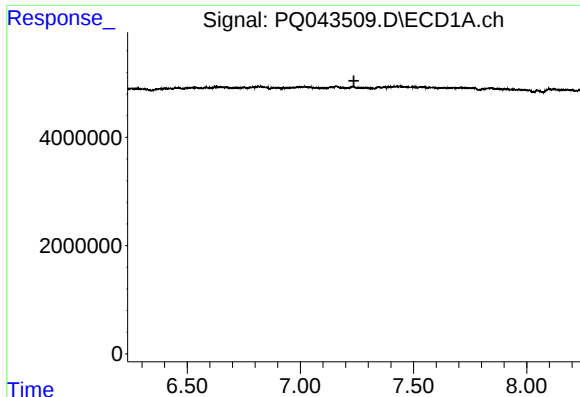
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.



#4 AR-1016-2

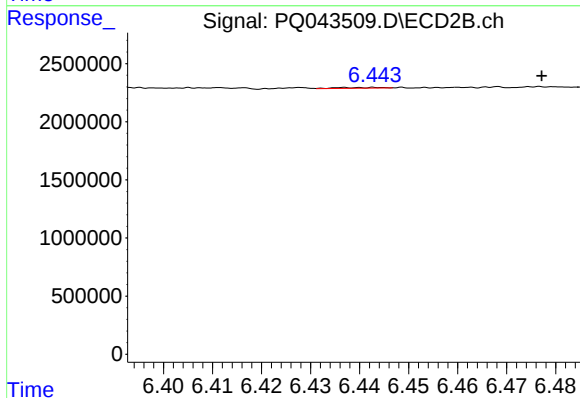
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 158881
Conc: 4.06 ng/ml



#5 AR-1016-3

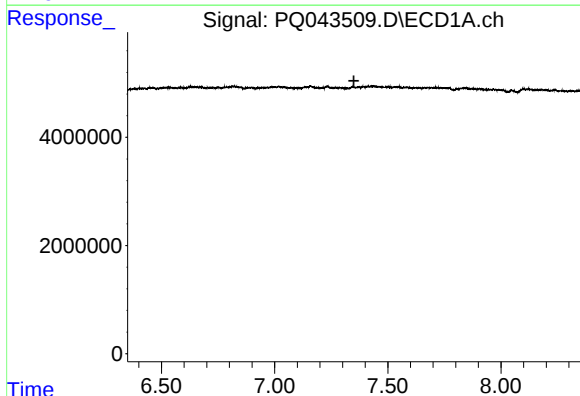
R.T.: 0.000 min
Exp R.T.: 7.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



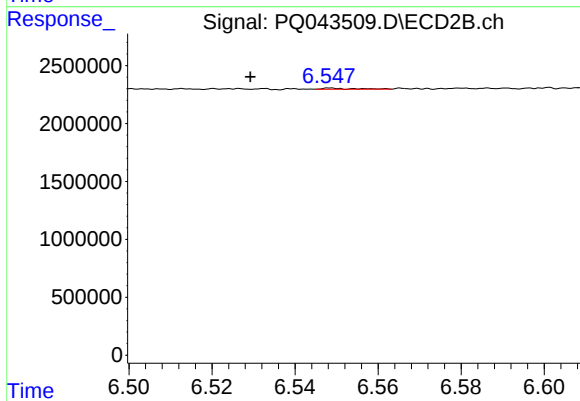
#5 AR-1016-3

R.T.: 6.443 min
Delta R.T.: -0.034 min
Response: 35767
Conc: 1.70 ng/ml



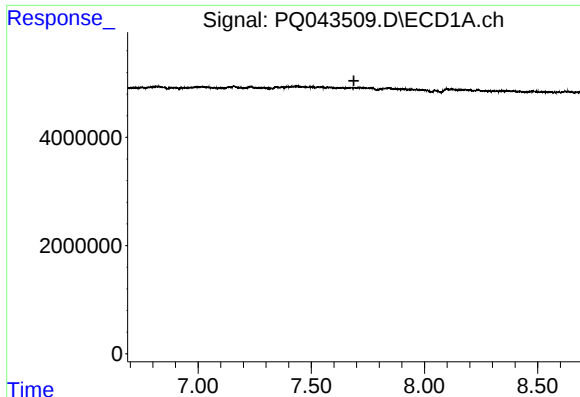
#6 AR-1016-4

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



#6 AR-1016-4

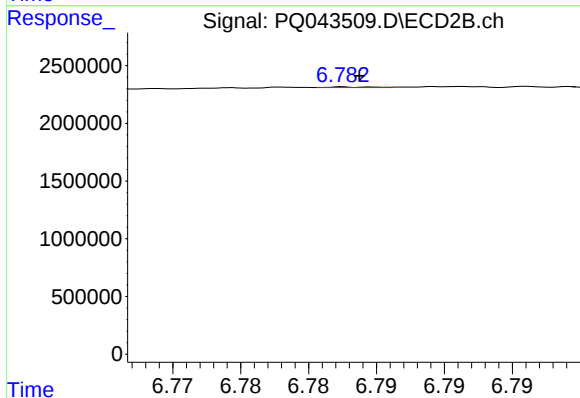
R.T.: 6.549 min
Delta R.T.: 0.019 min
Response: 52122
Conc: 2.99 ng/ml



#7 AR-1016-5

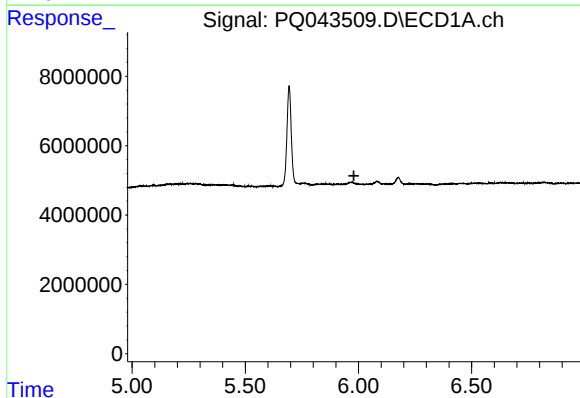
R.T.: 0.000 min
Exp R.T.: 7.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



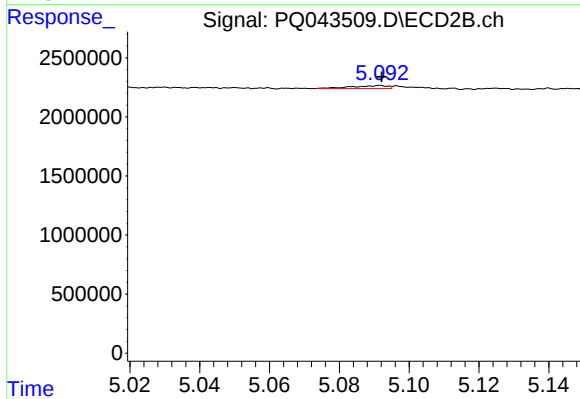
#7 AR-1016-5

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 10463
Conc: 0.47 ng/ml



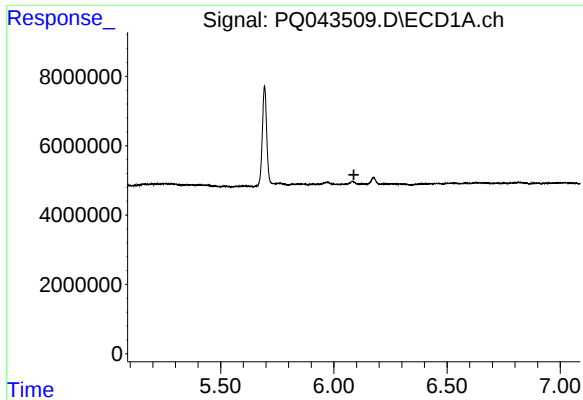
#8 AR-1221-1

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



#8 AR-1221-1

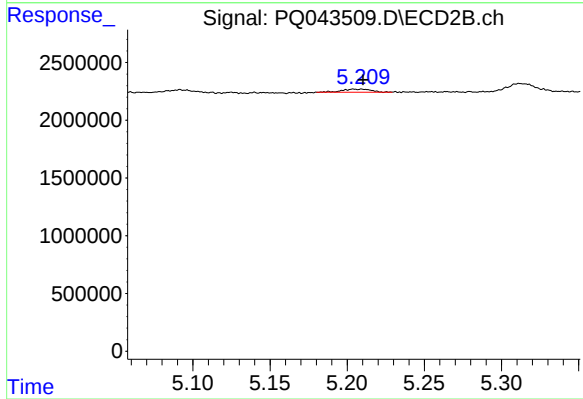
R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 186383
Conc: 31.98 ng/ml



#9 AR-1221-2

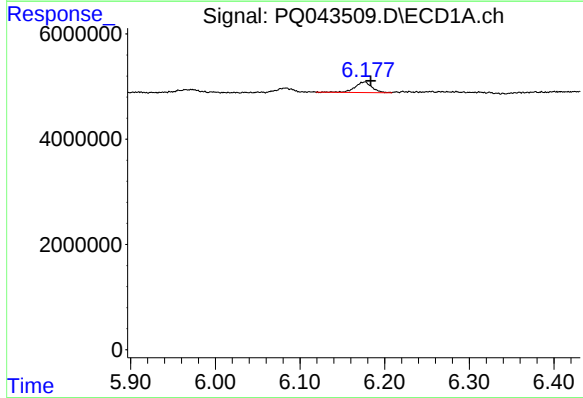
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



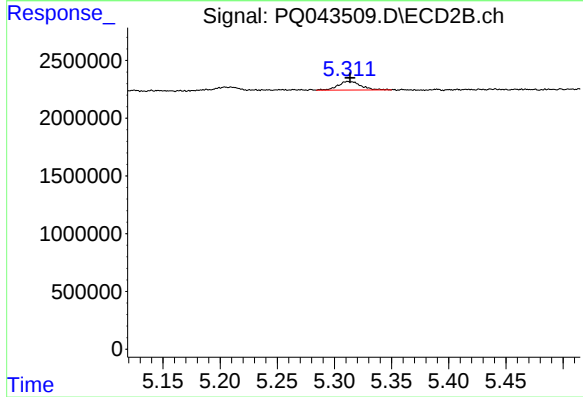
#9 AR-1221-2

R.T.: 5.204 min
Delta R.T.: -0.006 min
Response: 337564
Conc: 70.20 ng/ml



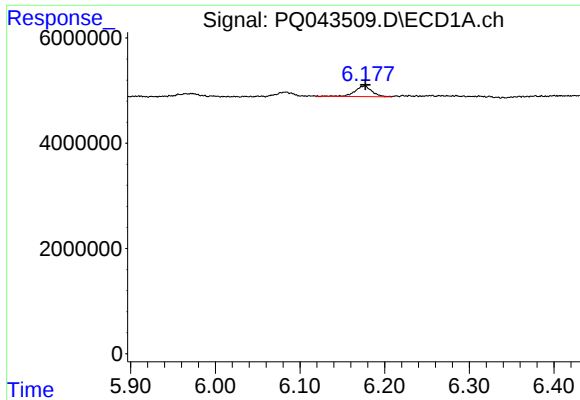
#10 AR-1221-3

R.T.: 6.177 min
Delta R.T.: -0.007 min
Response: 2758377
Conc: 67.68 ng/ml



#10 AR-1221-3

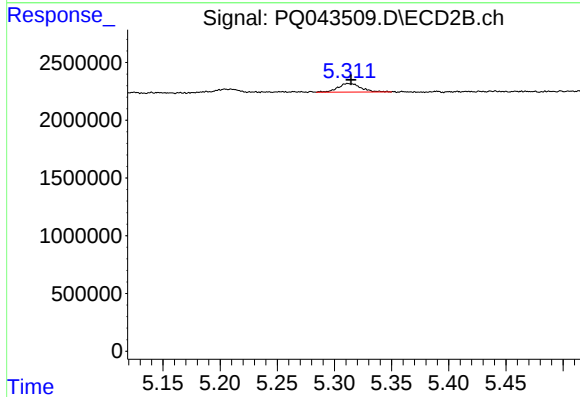
R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 1039182
Conc: 63.31 ng/ml



#11 AR-1232-1

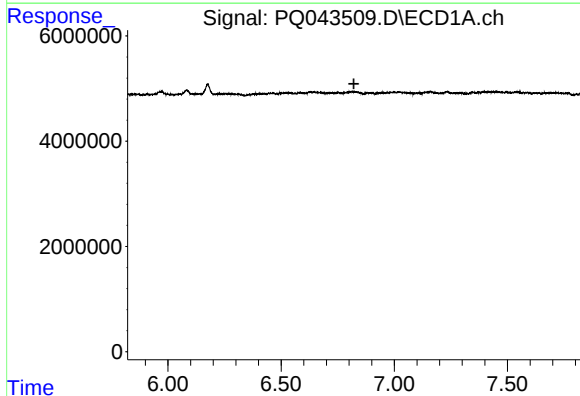
R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2758377
Conc: 61.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



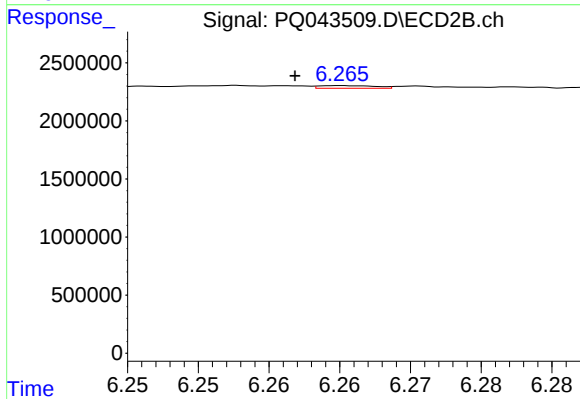
#11 AR-1232-1

R.T.: 5.312 min
Delta R.T.: -0.003 min
Response: 1039182
Conc: 56.24 ng/ml



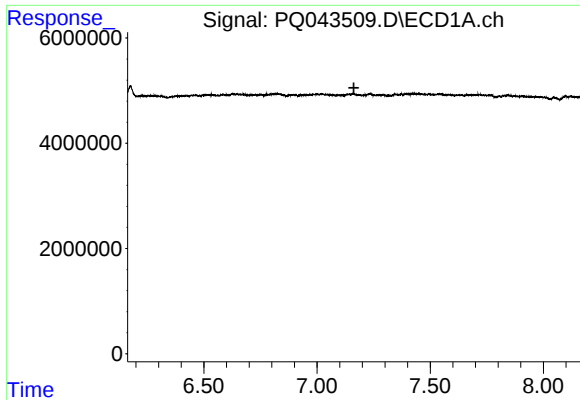
#12 AR-1232-2

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



#12 AR-1232-2

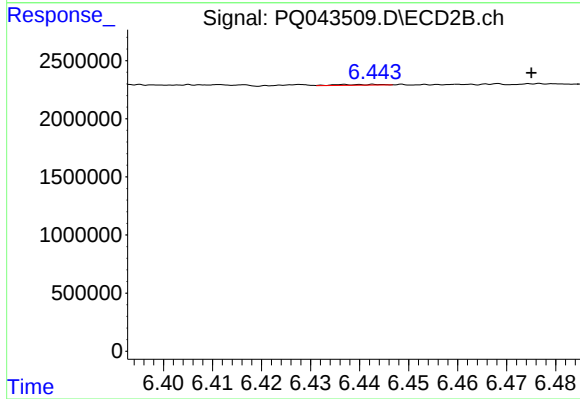
R.T.: 6.265 min
Delta R.T.: 0.003 min
Response: 62603
Conc: 3.14 ng/ml



#13 AR-1232-3

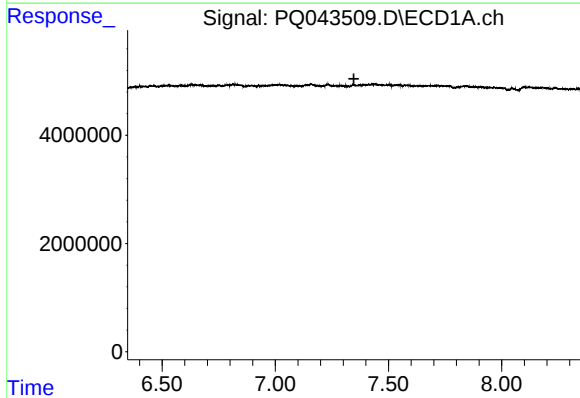
R.T.: 0.000 min
Exp R.T.: 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



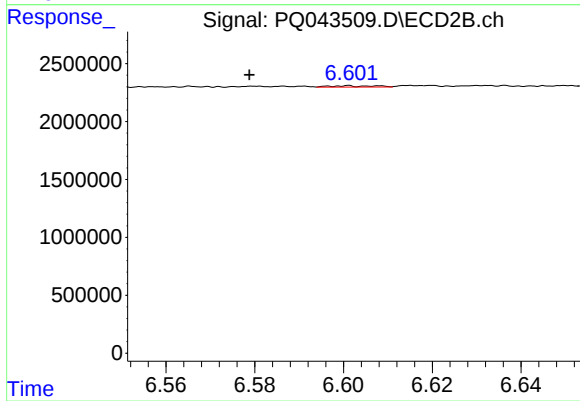
#13 AR-1232-3

R.T.: 6.443 min
Delta R.T.: -0.032 min
Response: 35767
Conc: 3.30 ng/ml



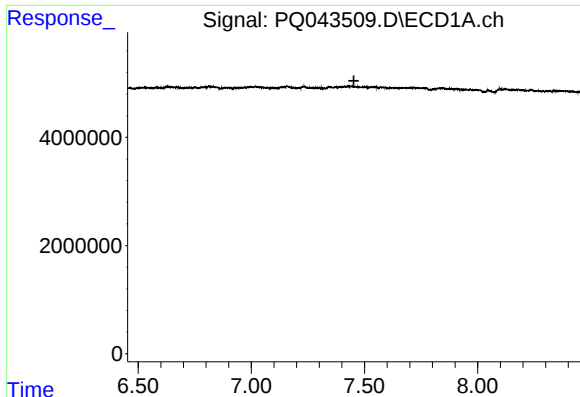
#14 AR-1232-4

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



#14 AR-1232-4

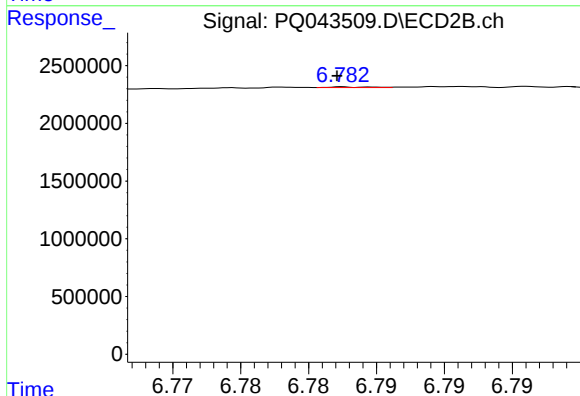
R.T.: 6.601 min
Delta R.T.: 0.022 min
Response: 78548
Conc: 7.69 ng/ml



#15 AR-1232-5

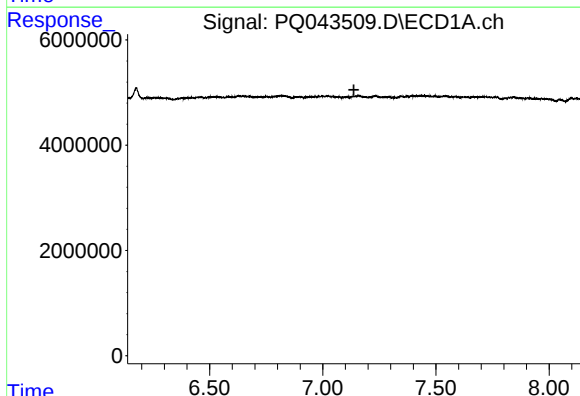
R.T.: 0.000 min
Exp R.T. : 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



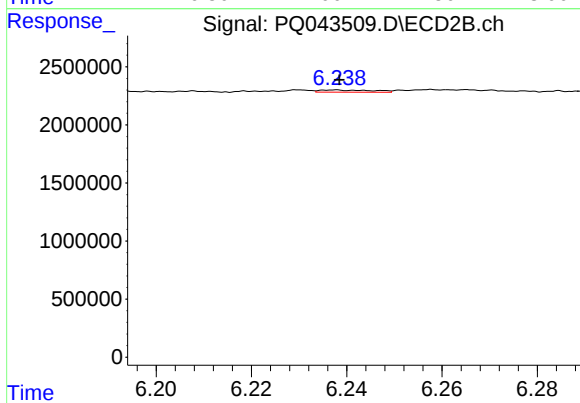
#15 AR-1232-5

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 10463
Conc: 0.96 ng/ml



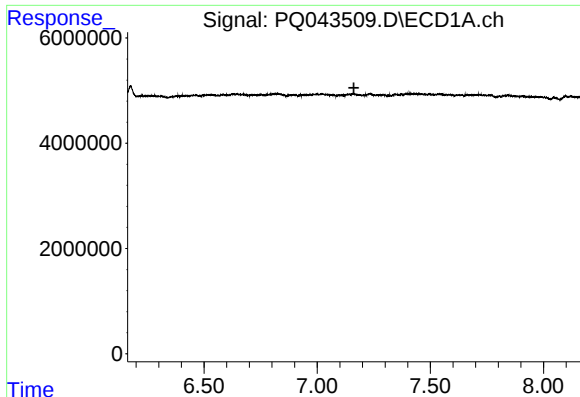
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.137 min
Response: 0
Conc: N.D.



#16 AR-1242-1

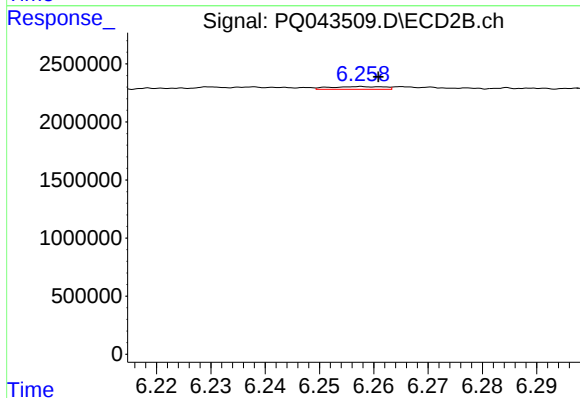
R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 148009
Conc: 8.57 ng/ml



#17 AR-1242-2

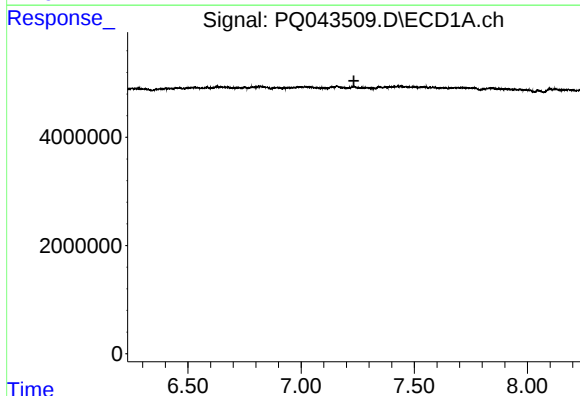
R.T.: 0.000 min
Exp R.T.: 7.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



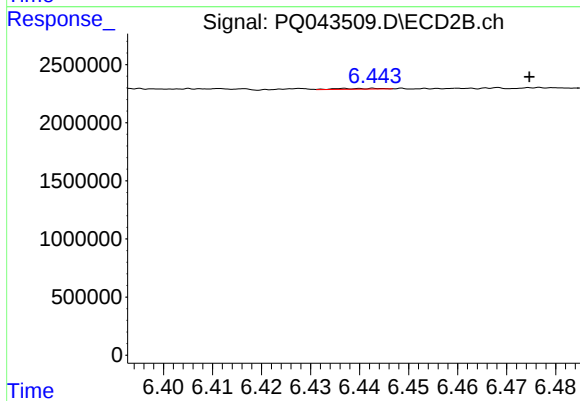
#17 AR-1242-2

R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 158881
Conc: 6.84 ng/ml



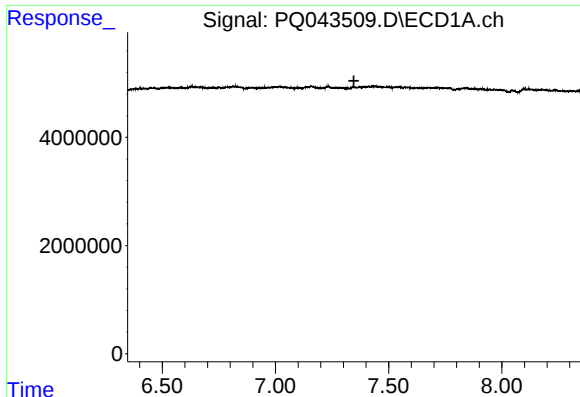
#18 AR-1242-3

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



#18 AR-1242-3

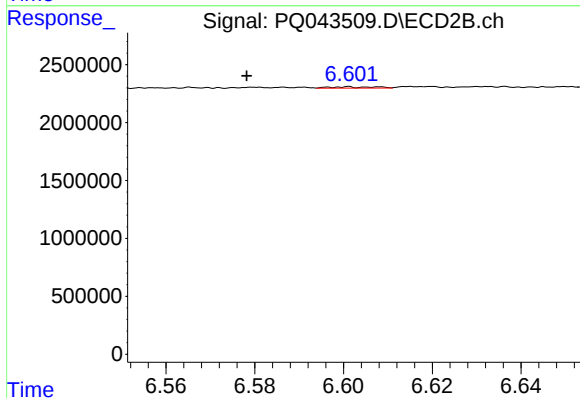
R.T.: 6.443 min
Delta R.T.: -0.031 min
Response: 35767
Conc: 2.89 ng/ml



#19 AR-1242-4

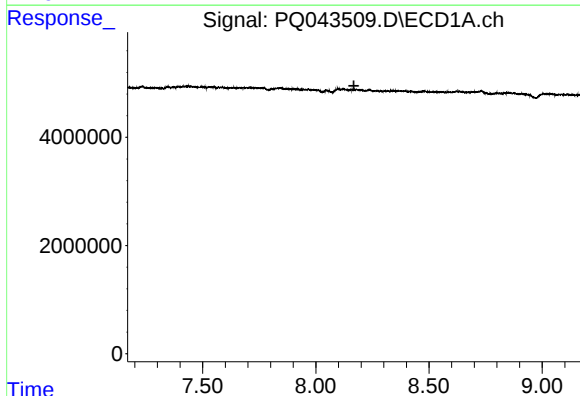
R.T.: 0.000 min
Exp R.T.: 7.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



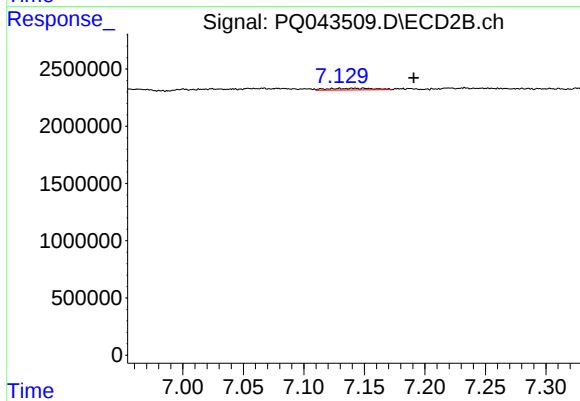
#19 AR-1242-4

R.T.: 6.601 min
Delta R.T.: 0.023 min
Response: 78548
Conc: 6.18 ng/ml



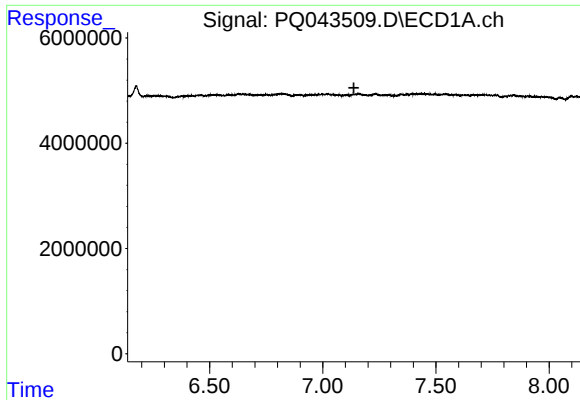
#20 AR-1242-5

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



#20 AR-1242-5

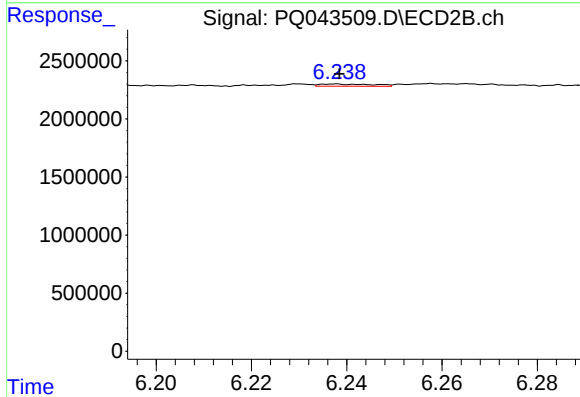
R.T.: 7.142 min
Delta R.T.: -0.049 min
Response: 389767
Conc: 19.47 ng/ml



#21 AR-1248-1

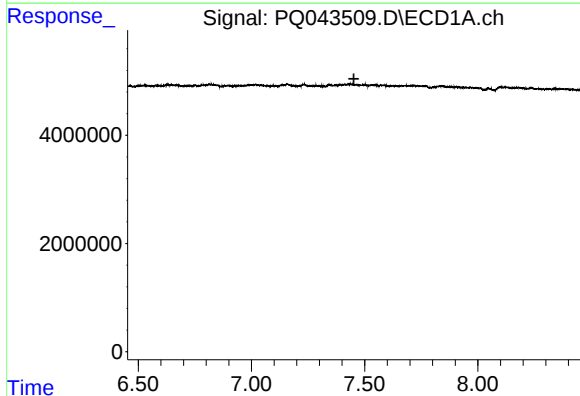
R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



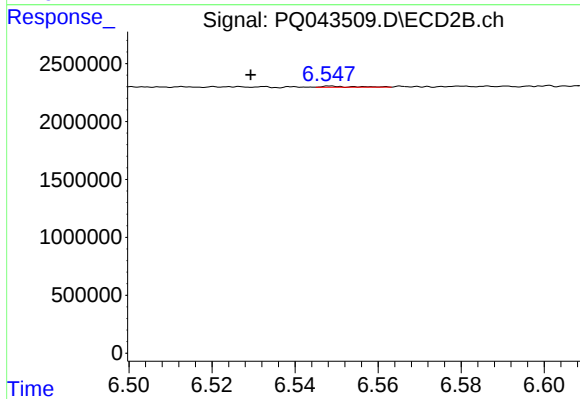
#21 AR-1248-1

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 148009
Conc: 11.75 ng/ml



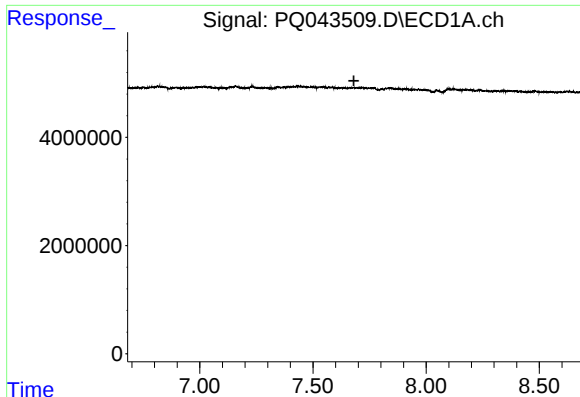
#22 AR-1248-2

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



#22 AR-1248-2

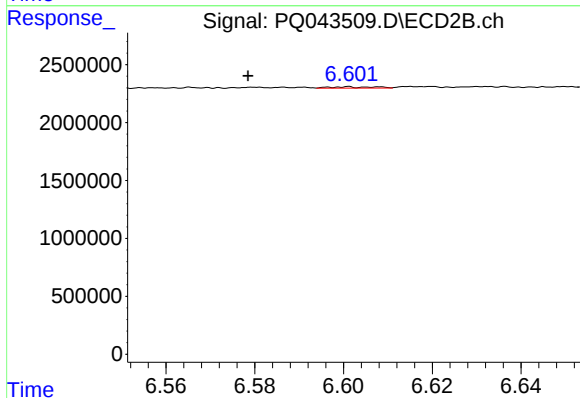
R.T.: 6.549 min
Delta R.T.: 0.019 min
Response: 52122
Conc: 2.94 ng/ml



#23 AR-1248-3

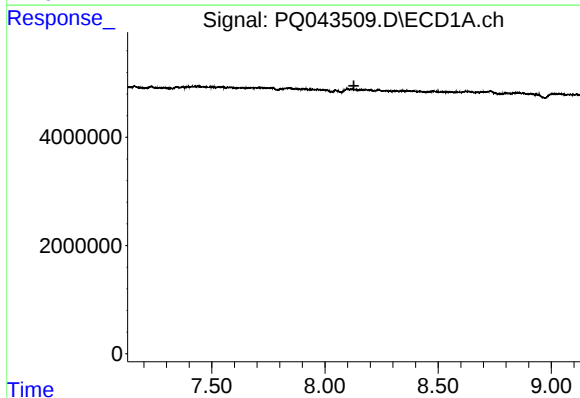
R.T.: 0.000 min
Exp R.T. : 7.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



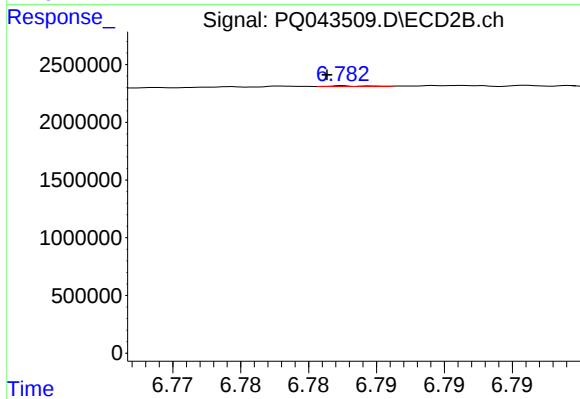
#23 AR-1248-3

R.T.: 6.601 min
Delta R.T.: 0.023 min
Response: 78548
Conc: 4.20 ng/ml



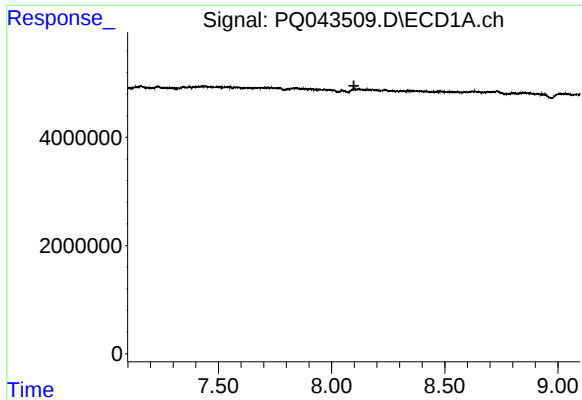
#24 AR-1248-4

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



#24 AR-1248-4

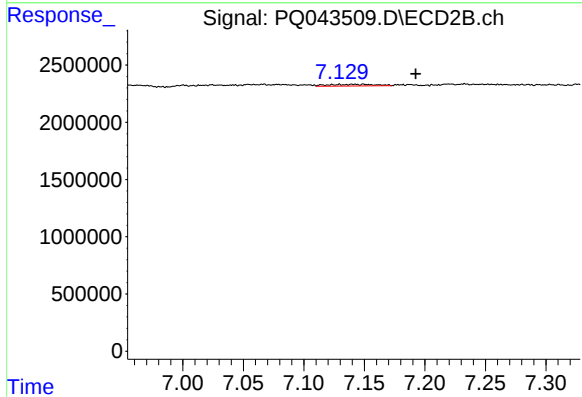
R.T.: 6.783 min
Delta R.T.: 0.001 min
Response: 10463
Conc: 0.45 ng/ml



#26 AR-1254-1

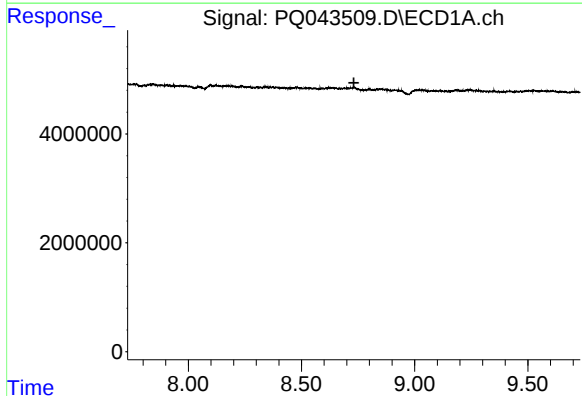
R.T.: 0.000 min
Exp R.T. : 8.098 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



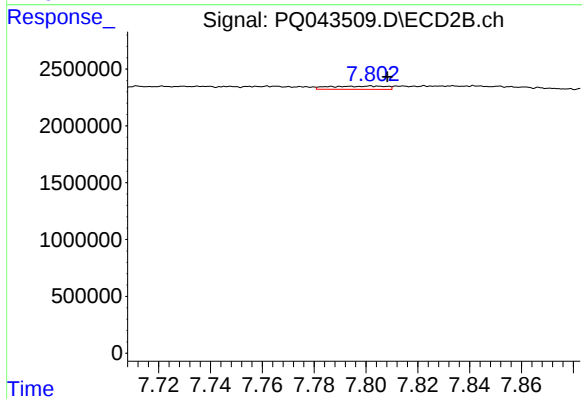
#26 AR-1254-1

R.T.: 7.142 min
Delta R.T.: -0.050 min
Response: 389767
Conc: 8.62 ng/ml



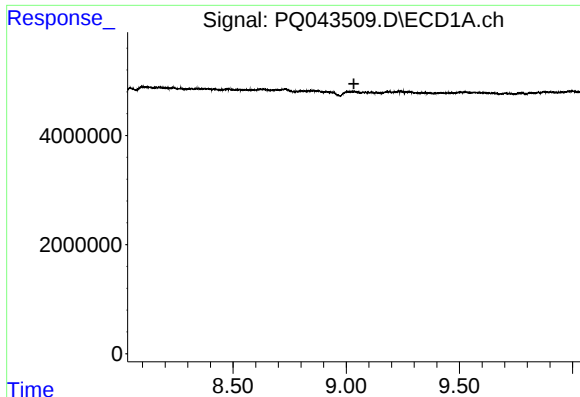
#28 AR-1254-3

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



#28 AR-1254-3

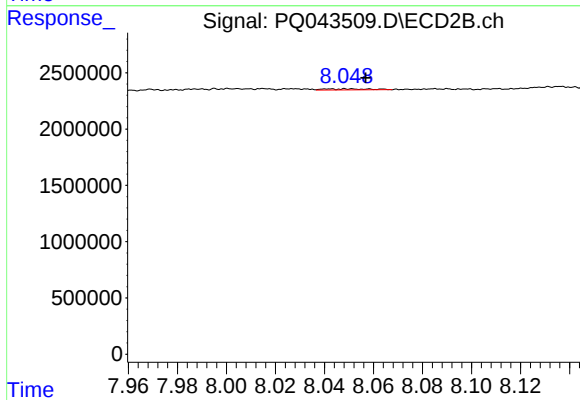
R.T.: 7.802 min
Delta R.T.: -0.006 min
Response: 439564
Conc: 5.89 ng/ml



#29 AR-1254-4

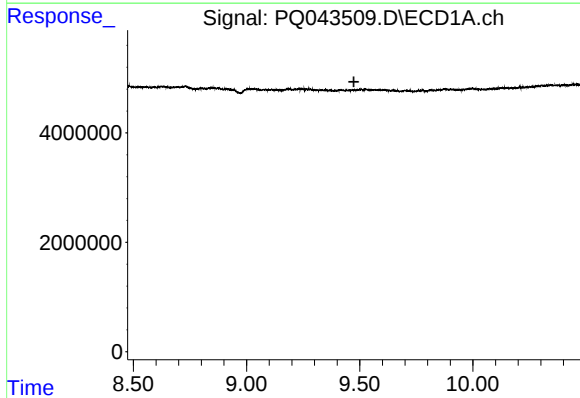
R.T.: 0.000 min
Exp R.T.: 9.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



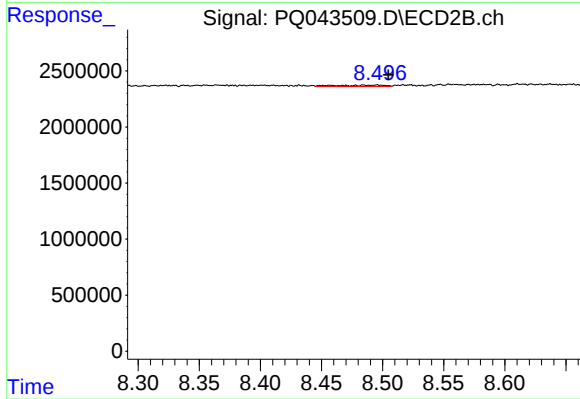
#29 AR-1254-4

R.T.: 8.042 min
Delta R.T.: -0.015 min
Response: 119665
Conc: 2.16 ng/ml



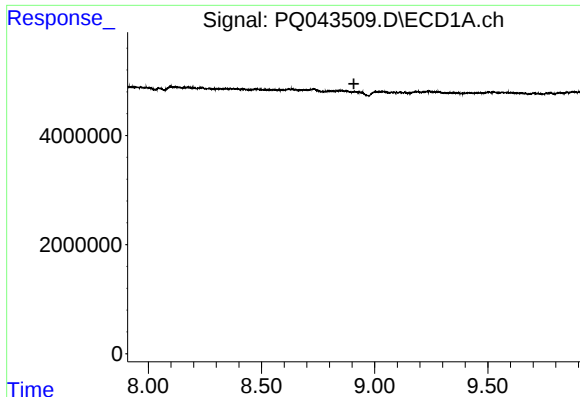
#30 AR-1254-5

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



#30 AR-1254-5

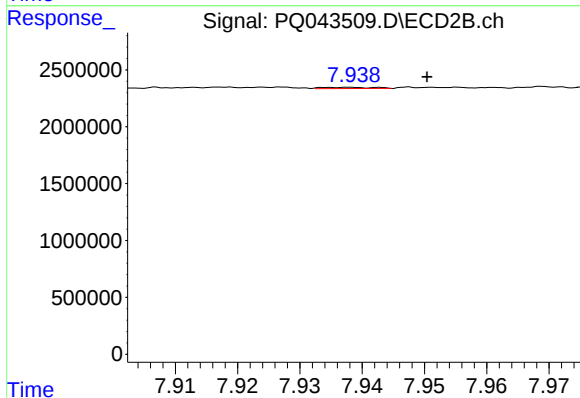
R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 347703
Conc: 4.27 ng/ml



#31 AR-1260-1

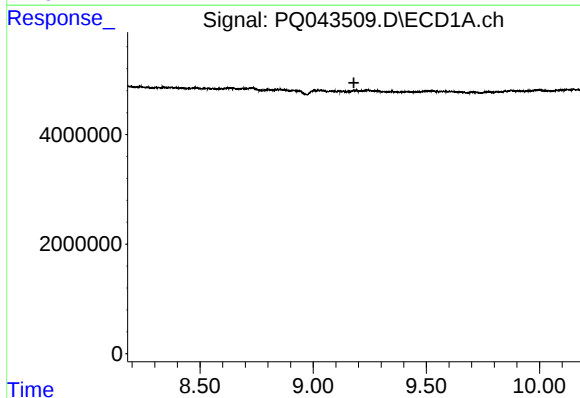
R.T.: 0.000 min
Exp R.T. : 8.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



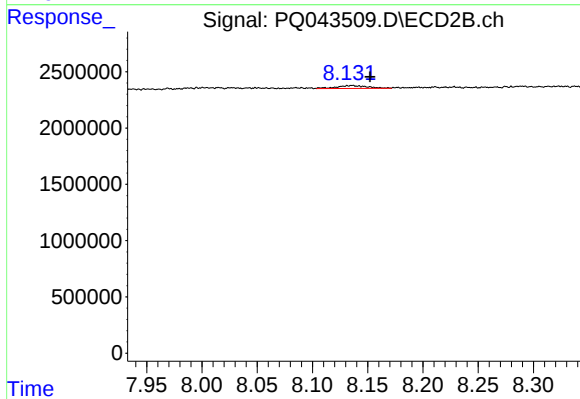
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: -0.013 min
Response: 61762
Conc: 1.06 ng/ml



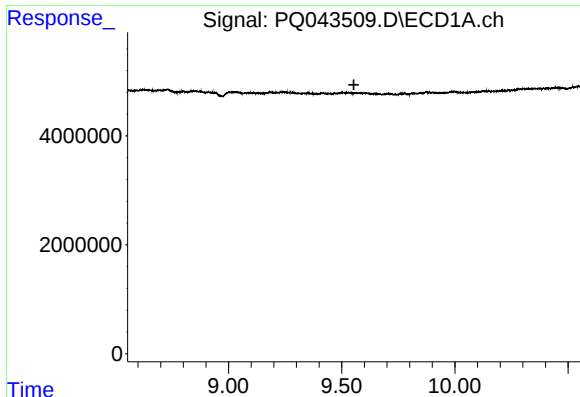
#32 AR-1260-2

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



#32 AR-1260-2

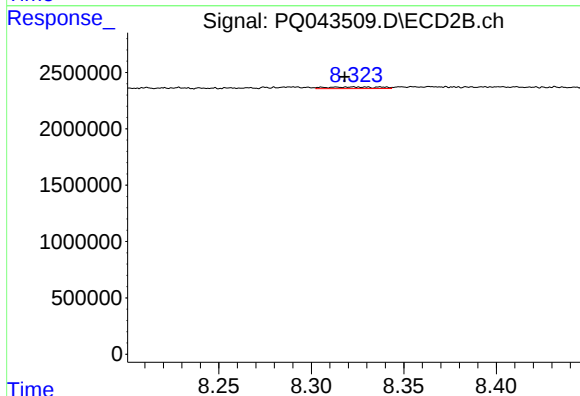
R.T.: 8.136 min
Delta R.T.: -0.016 min
Response: 493039
Conc: 6.45 ng/ml



#33 AR-1260-3

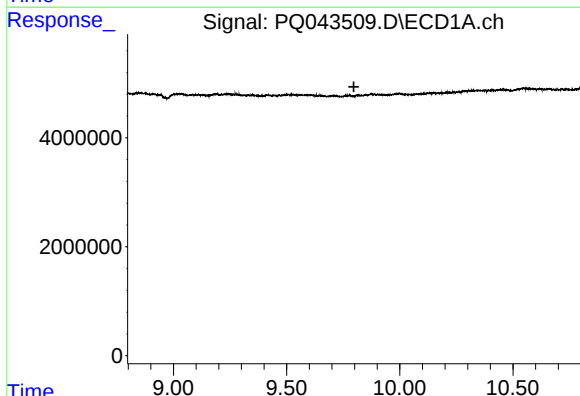
R.T.: 0.000 min
Exp R.T.: 9.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



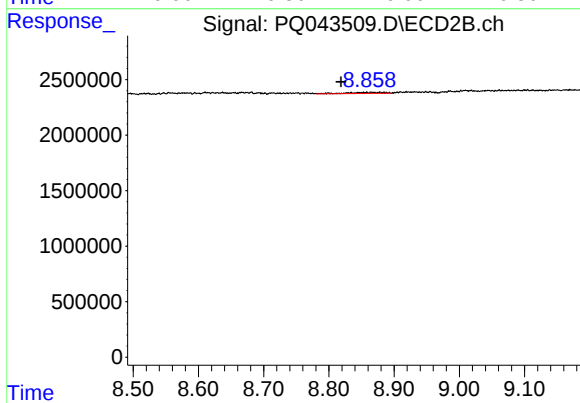
#33 AR-1260-3

R.T.: 8.323 min
Delta R.T.: 0.005 min
Response: 292248
Conc: 4.17 ng/ml



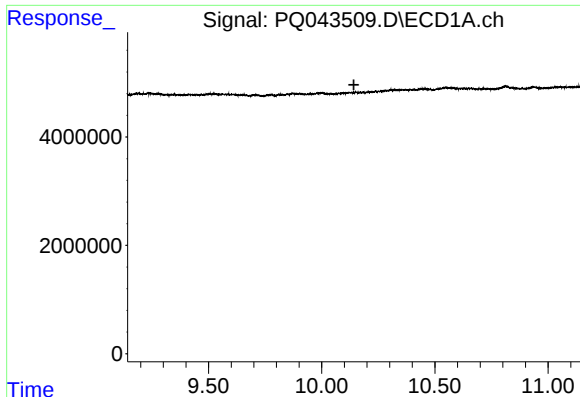
#34 AR-1260-4

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



#34 AR-1260-4

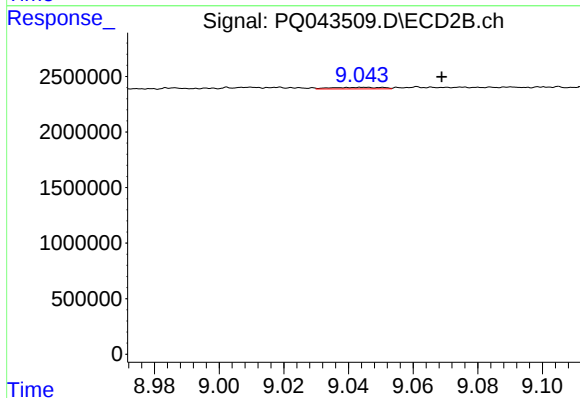
R.T.: 8.878 min
Delta R.T.: 0.060 min
Response: 405848
Conc: 6.16 ng/ml



#35 AR-1260-5

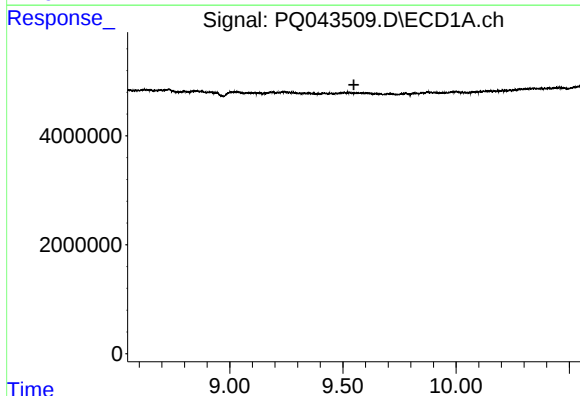
R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



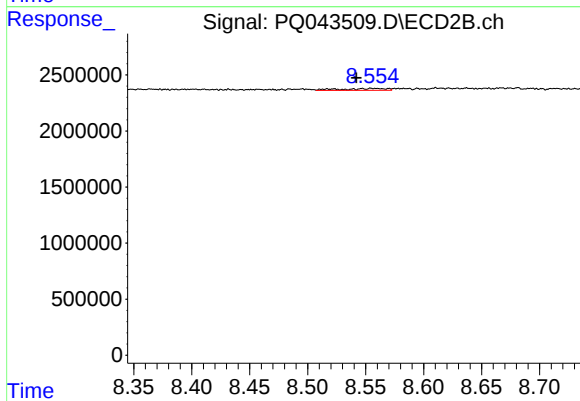
#35 AR-1260-5

R.T.: 9.045 min
Delta R.T.: -0.024 min
Response: 151441
Conc: 0.81 ng/ml



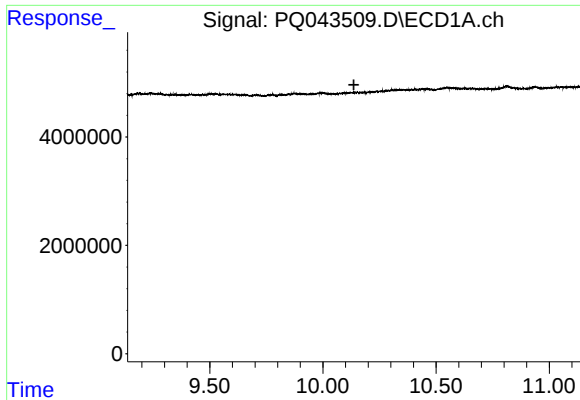
#36 AR-1262-1

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



#36 AR-1262-1

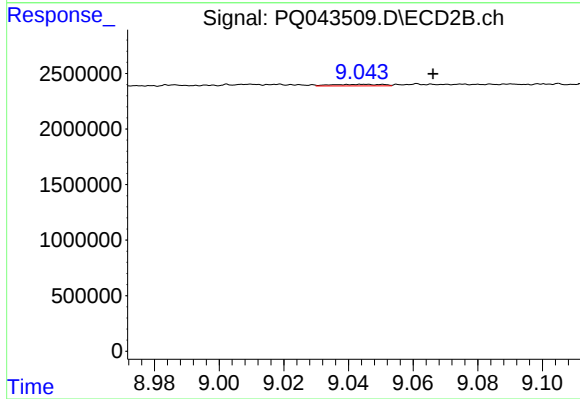
R.T.: 8.547 min
Delta R.T.: 0.005 min
Response: 455021
Conc: 4.60 ng/ml



#37 AR-1262-2

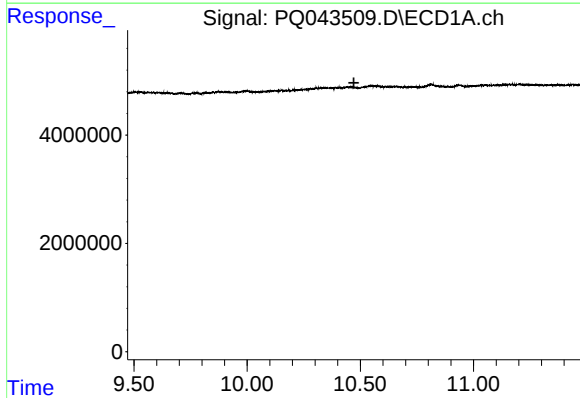
R.T.: 0.000 min
Exp R.T. : 10.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



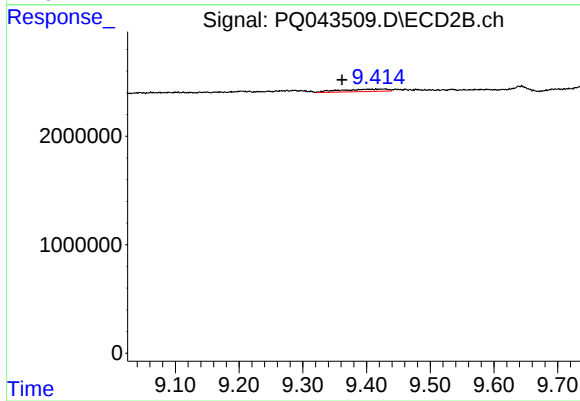
#37 AR-1262-2

R.T.: 9.045 min
Delta R.T.: -0.021 min
Response: 151441
Conc: 0.68 ng/ml



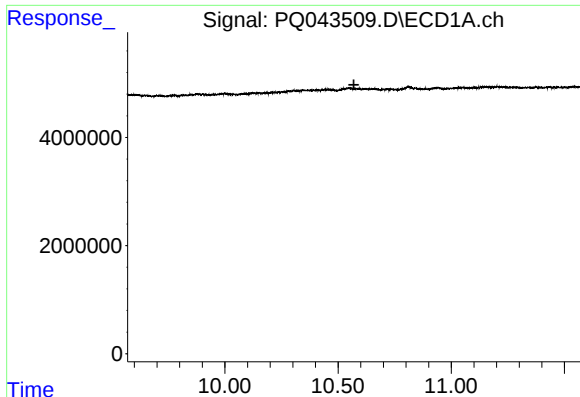
#38 AR-1262-3

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



#38 AR-1262-3

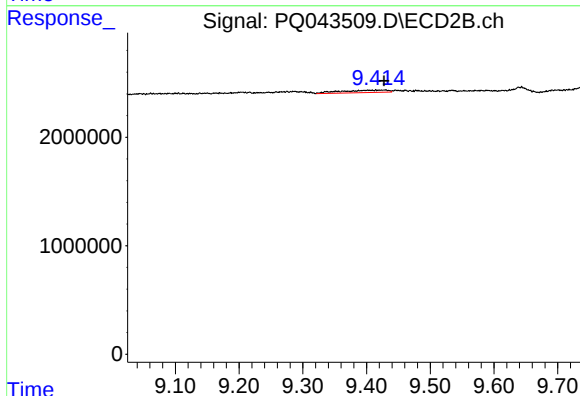
R.T.: 9.428 min
Delta R.T.: 0.066 min
Response: 1140287
Conc: 9.91 ng/ml



#39 AR-1262-4

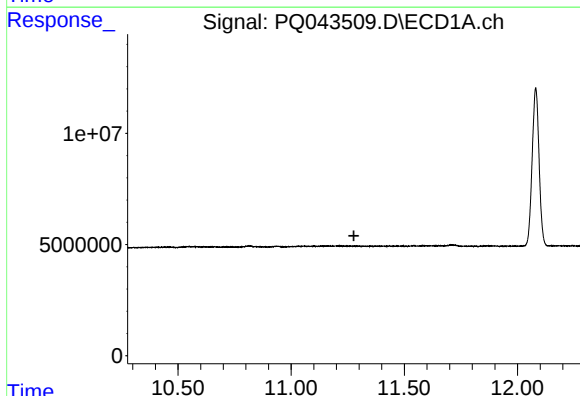
R.T.: 0.000 min
Exp R.T.: 10.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



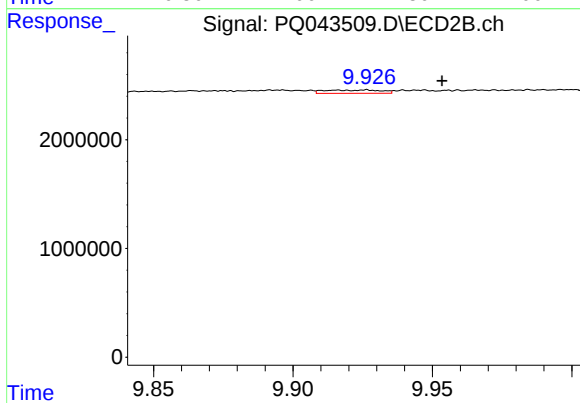
#39 AR-1262-4

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 1140287
Conc: 5.06 ng/ml



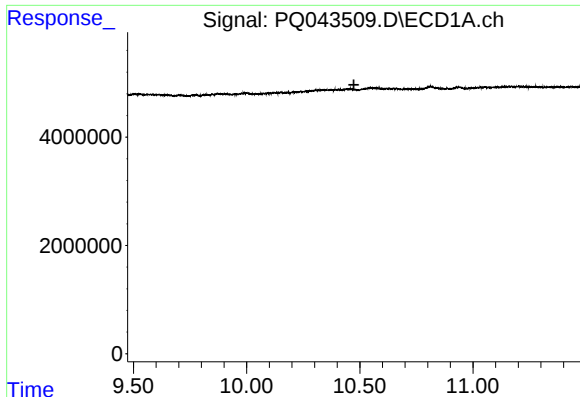
#40 AR-1262-5

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



#40 AR-1262-5

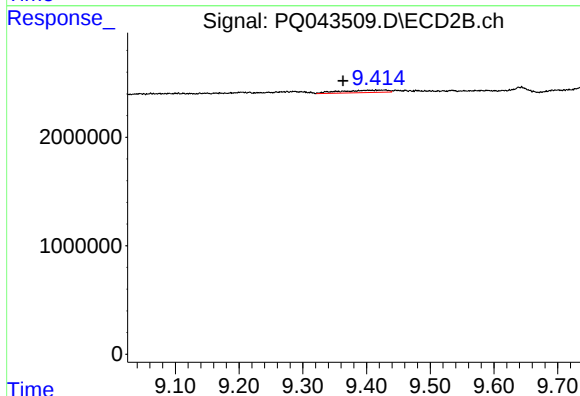
R.T.: 9.926 min
Delta R.T.: -0.028 min
Response: 426553
Conc: 2.76 ng/ml



#41 AR-1268-1

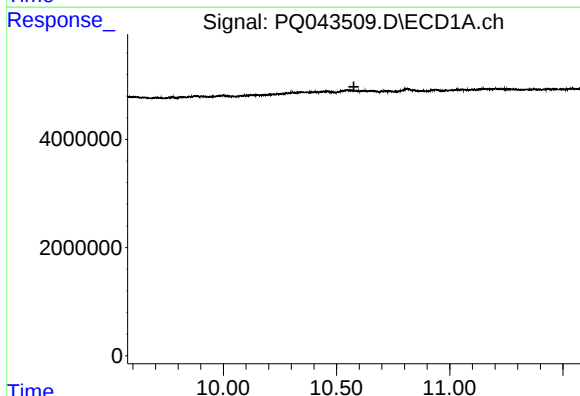
R.T.: 0.000 min
Exp R.T. : 10.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



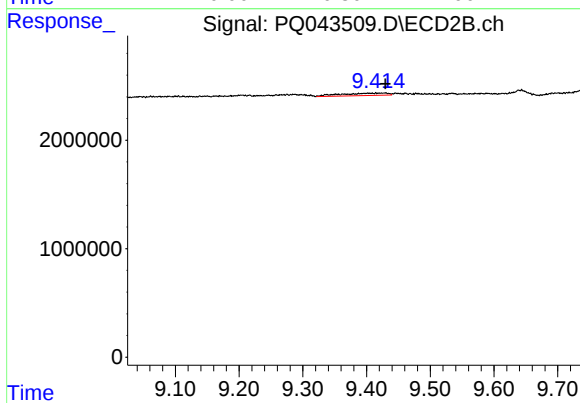
#41 AR-1268-1

R.T.: 9.428 min
Delta R.T.: 0.065 min
Response: 1140287
Conc: 3.49 ng/ml



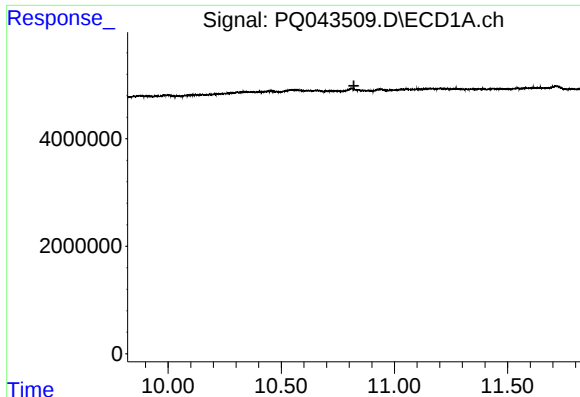
#42 AR-1268-2

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



#42 AR-1268-2

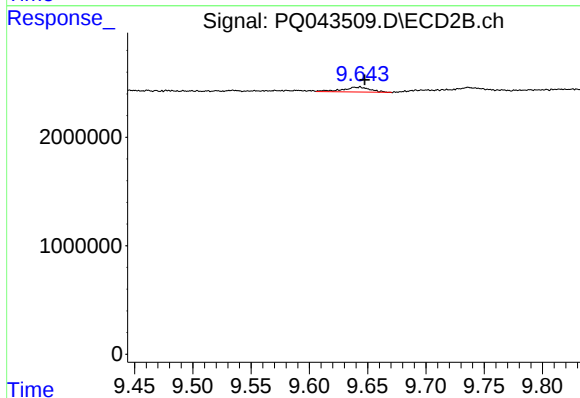
R.T.: 9.428 min
Delta R.T.: -0.002 min
Response: 1140287
Conc: 3.57 ng/ml



#43 AR-1268-3

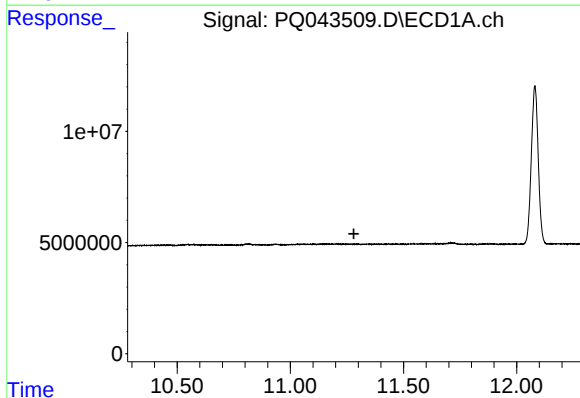
R.T.: 0.000 min
Exp R.T.: 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



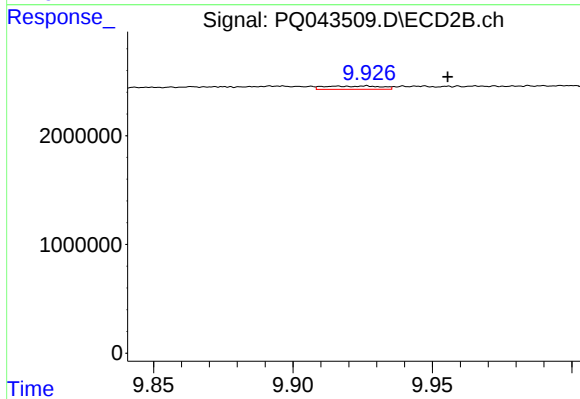
#43 AR-1268-3

R.T.: 9.642 min
Delta R.T.: -0.006 min
Response: 767410
Conc: 2.71 ng/ml



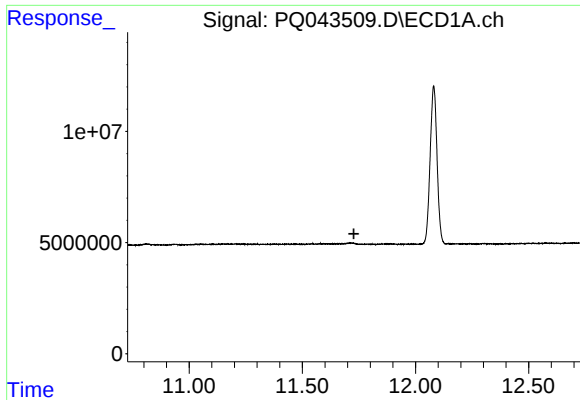
#44 AR-1268-4

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



#44 AR-1268-4

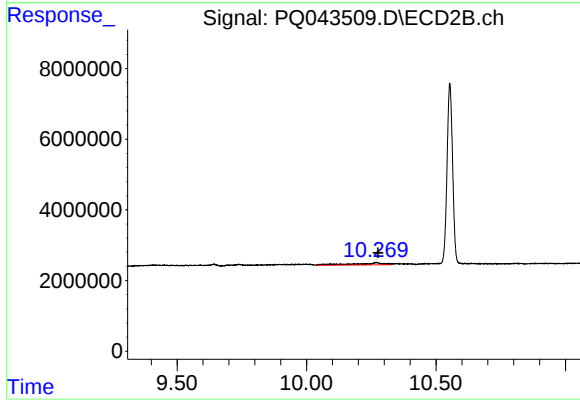
R.T.: 9.926 min
Delta R.T.: -0.030 min
Response: 426553
Conc: 2.62 ng/ml



#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.: 10.270 min
Delta R.T.: -0.007 min
Response: 4797848
Conc: 3.82 ng/ml