

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032219\
 Data File : PQ038064.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2019 07:36
 Operator : SM\SJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 00:39:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 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...	4.183	3.636	128.8E6	70265274	22.128	22.750
2)	SA Decachlor...	9.599	8.507	116.5E6	53122206	24.173	23.728
Target Compounds							
3)	L1 AR-1016-1	5.282	0.000	323124	0	1.606	N.D. #
4)	L1 AR-1016-2	5.419	0.000	218585	0	0.697	N.D. #
5)	L1 AR-1016-3	5.419	0.000	218585	0	1.200	N.D. #
6)	L1 AR-1016-4	5.509	0.000	85923	0	0.574	N.D. #
7)	L1 AR-1016-5	5.769	0.000	273410	0	1.883	N.D. #
8)	L2 AR-1221-1	4.429	0.000	940859	0	14.828	N.D. #
9)	L2 AR-1221-2	4.484	0.000	1879183	0	40.622	N.D. #
10)	L2 AR-1221-3	4.578	0.000	559175	0	3.659	N.D. #
11)	L3 AR-1232-1	4.578	0.000	559175	0	4.493	N.D. #
12)	L3 AR-1232-2	5.095	0.000	867278	0	14.728	N.D. #
13)	L3 AR-1232-3	5.282	0.000	323124	0	2.616	N.D. #
14)	L3 AR-1232-4	5.509	0.000	85923	0	1.475	N.D. #
15)	L3 AR-1232-5	5.583	0.000	1246289	0	29.153	N.D. #
16)	L4 AR-1242-1	5.282	0.000	323124	0	1.966	N.D. #
17)	L4 AR-1242-2	5.282	0.000	323124	0	1.266	N.D. #
18)	L4 AR-1242-3	5.419	0.000	218585	0	1.482	N.D. #
19)	L4 AR-1242-4	5.509	0.000	85923	0	0.702	N.D. #
20)	L4 AR-1242-5	6.195	0.000	924402	0	6.765	N.D. #
21)	L5 AR-1248-1	5.282	0.000	323124	0	2.040	N.D. #
22)	L5 AR-1248-2	5.583	0.000	1246289	0	5.694	N.D. #
23)	L5 AR-1248-3	5.769	0.000	273410	0	1.113	N.D. #
24)	L5 AR-1248-4	6.195	0.000	924402	0	3.305	N.D. #
25)	L5 AR-1248-5	6.195	0.000	924402	0	3.487	N.D. #
26)	L6 AR-1254-1	6.162	0.000	2633376	0	13.404	N.D. #
27)	L6 AR-1254-2	6.365	0.000	1690262	0	5.515	N.D. #
28)	L6 AR-1254-3	6.723	0.000	1343978	0	4.316	N.D. #
30)	L6 AR-1254-5	7.421	0.000	148471	0	0.503	N.D. #
31)	L7 AR-1260-1	6.897	0.000	153091	0	0.591	N.D. #
32)	L7 AR-1260-2	7.136	0.000	597262	0	1.733	N.D. #
33)	L7 AR-1260-3	7.477	0.000	611619	0	2.156	N.D. #
34)	L7 AR-1260-4	7.714	0.000	526967	0	1.957	N.D. #
35)	L7 AR-1260-5	8.018	0.000	1641834	0	2.606	N.D. #
36)	L8 AR-1262-1	7.578	0.000	1105752	0	7.160	N.D. #
37)	L8 AR-1262-2	8.018	0.000	1641834	0	2.340	N.D. #
38)	L8 AR-1262-3	8.321	0.000	708784	0	2.365	N.D. #
39)	L8 AR-1262-4	8.401	0.000	258418	0	0.745	N.D. #
40)	L8 AR-1262-5	8.922	0.000	534731	0	2.238	N.D. #
41)	L9 AR-1268-1	8.321	0.000	708784	0	0.861	N.D. #
42)	L9 AR-1268-2	8.401	0.000	258418	0	0.346	N.D. #

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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	8.571	0.000	1654672	0	2.523	N.D.	#
44)	L9 AR-1268-4	8.922	0.000	534731	0	2.066	N.D.	#
45)	L9 AR-1268-5	9.327	0.000	2915265	0	1.493	N.D.	#

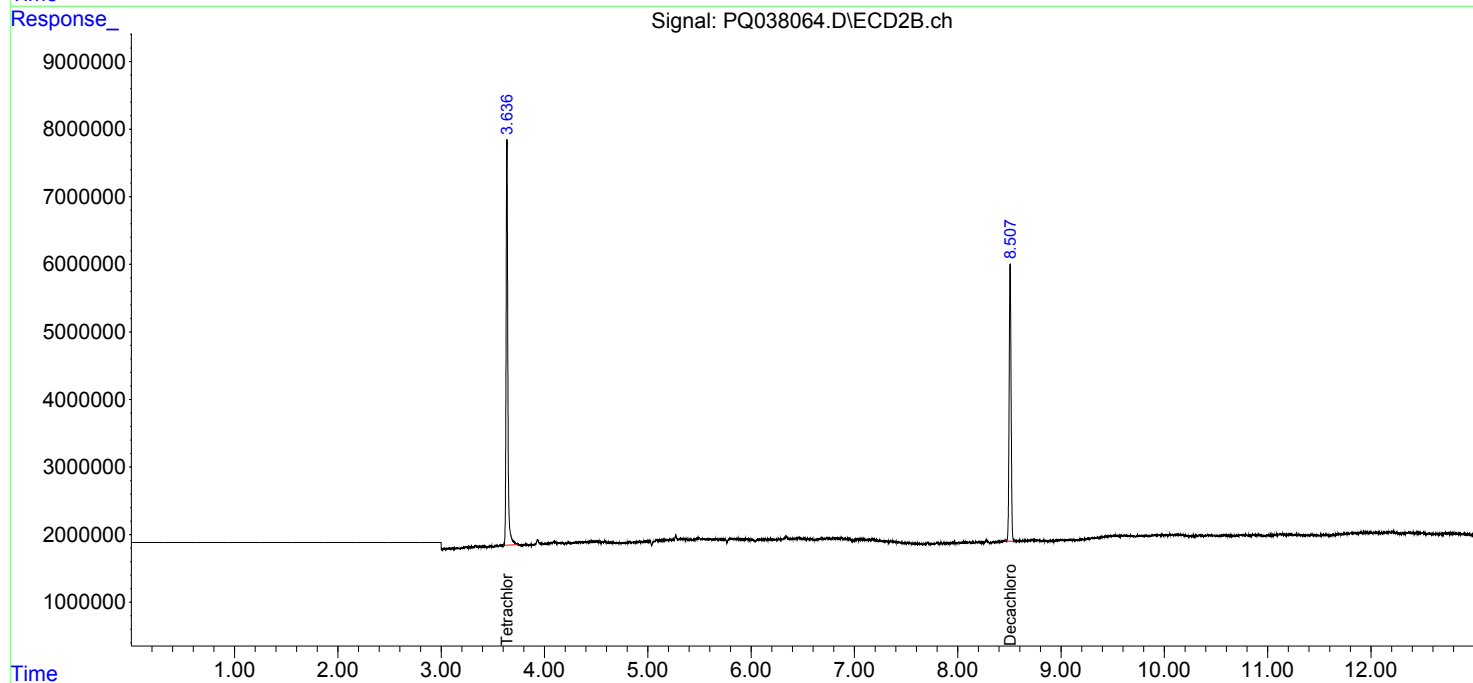
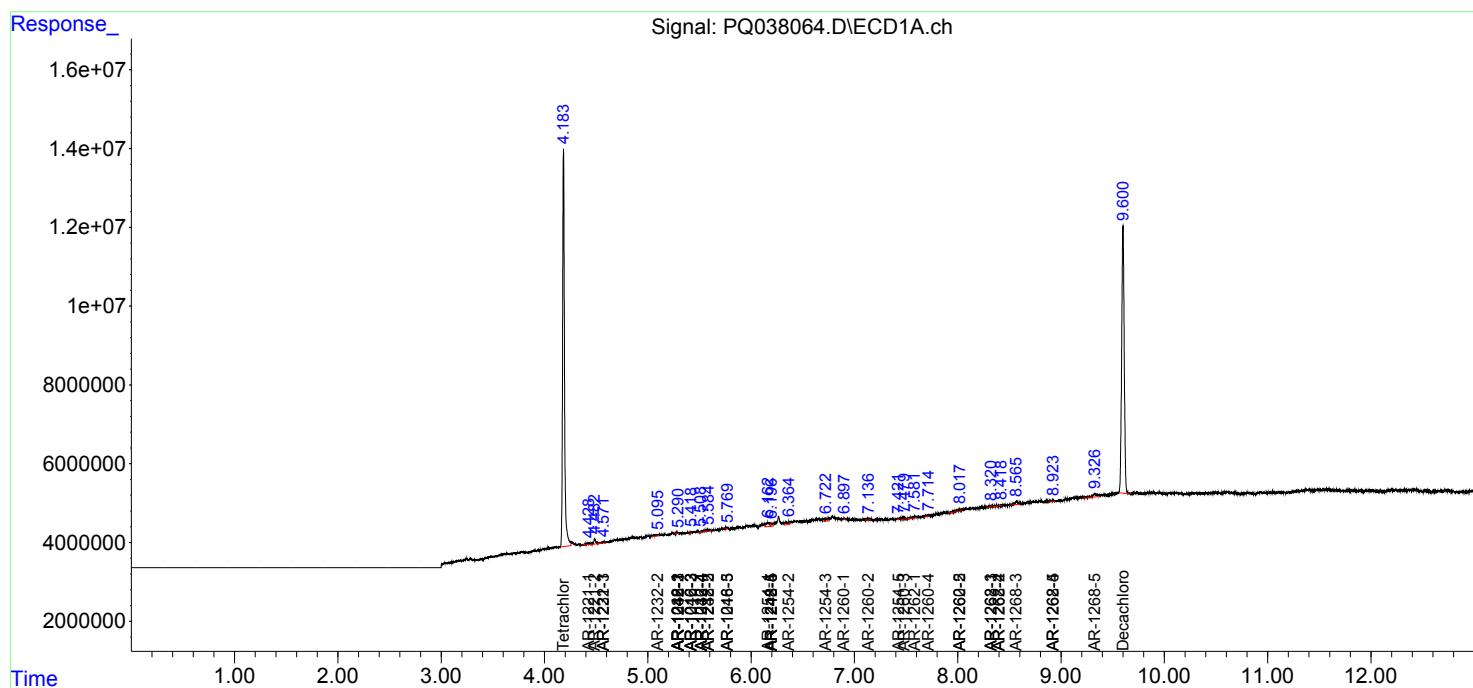
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

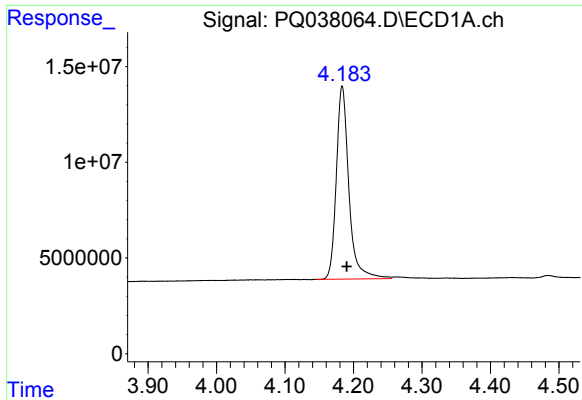
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QLast Update : Wed Mar 20 09:51:59 2019
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

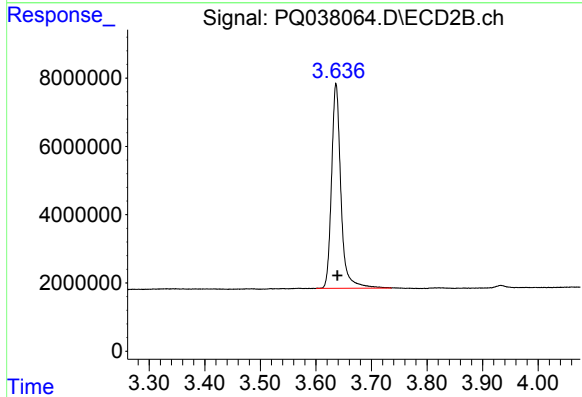




#1 Tetrachloro-m-xylene

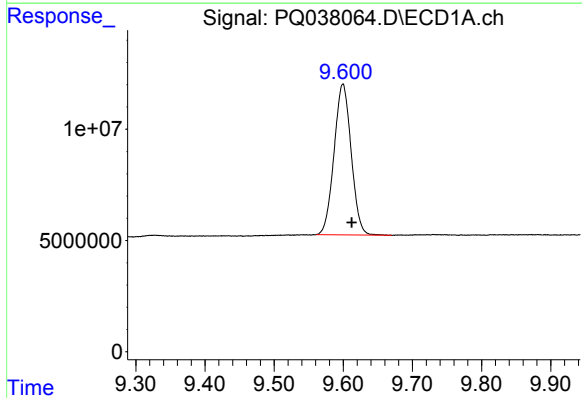
R.T.: 4.183 min
Delta R.T.: -0.007 min
Response: 128757841
Conc: 22.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



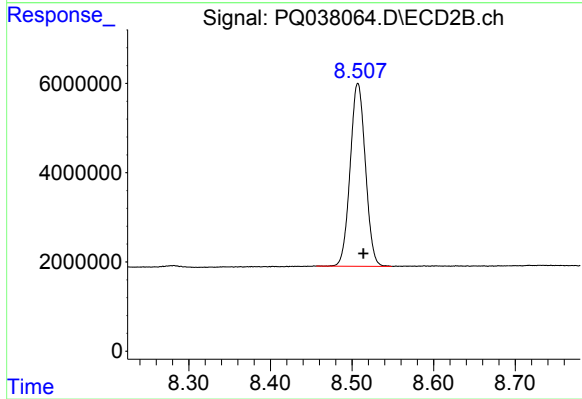
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 70265274
Conc: 22.75 ng/ml



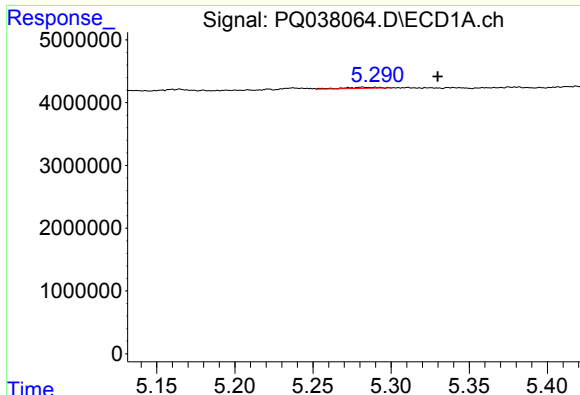
#2 Decachlorobiphenyl

R.T.: 9.599 min
Delta R.T.: -0.013 min
Response: 116546062
Conc: 24.17 ng/ml



#2 Decachlorobiphenyl

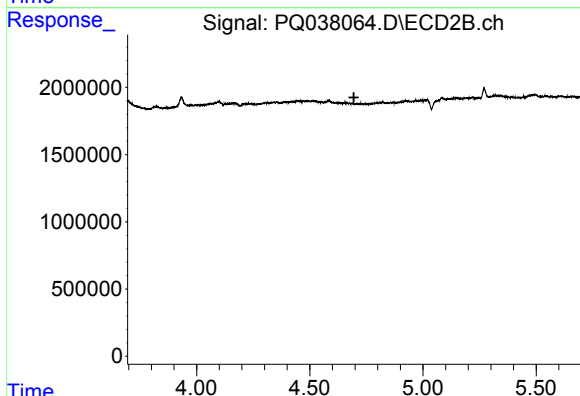
R.T.: 8.507 min
Delta R.T.: -0.007 min
Response: 53122206
Conc: 23.73 ng/ml



#3 AR-1016-1

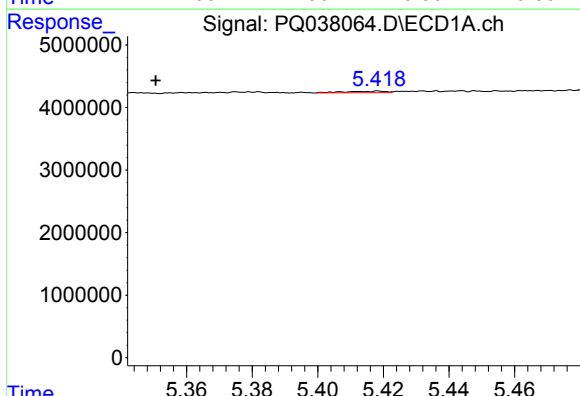
R.T.: 5.282 min
Delta R.T.: -0.048 min
Response: 323124
Conc: 1.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



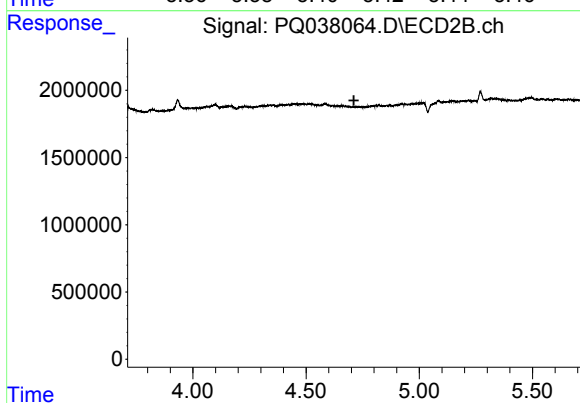
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



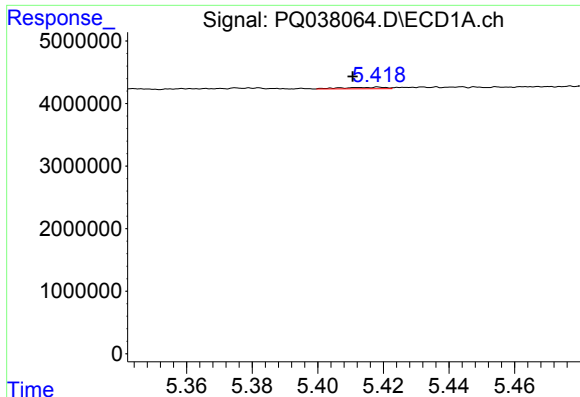
#4 AR-1016-2

R.T.: 5.419 min
Delta R.T.: 0.068 min
Response: 218585
Conc: 0.70 ng/ml



#4 AR-1016-2

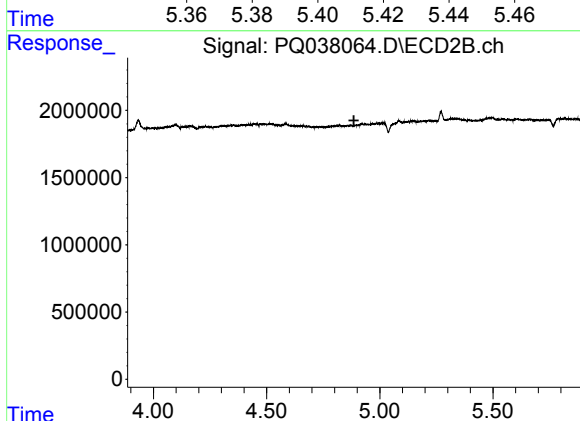
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

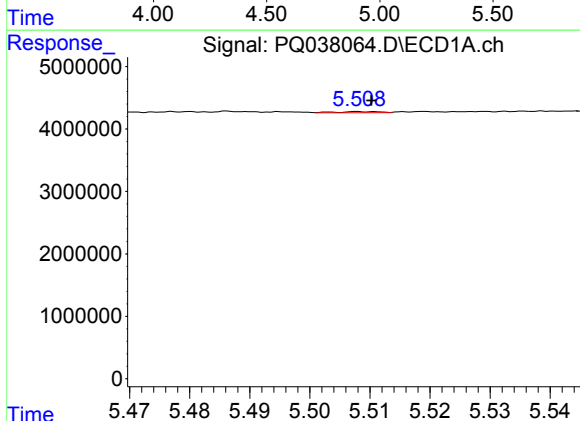
R.T.: 5.419 min
Delta R.T.: 0.008 min
Response: 218585
Conc: 1.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



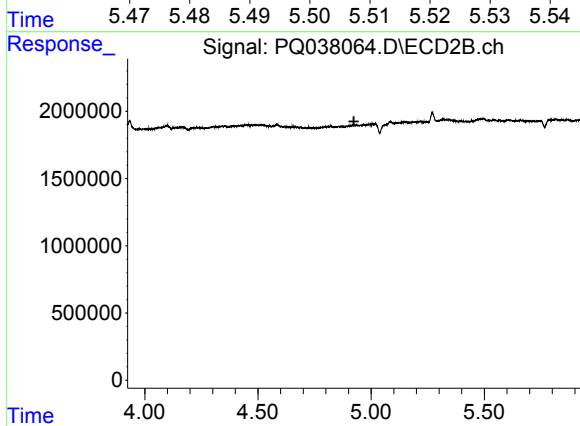
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.885 min
Response: 0
Conc: N.D.



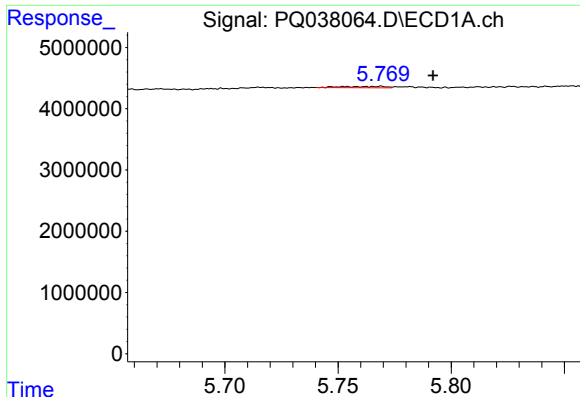
#6 AR-1016-4

R.T.: 5.509 min
Delta R.T.: -0.001 min
Response: 85923
Conc: 0.57 ng/ml



#6 AR-1016-4

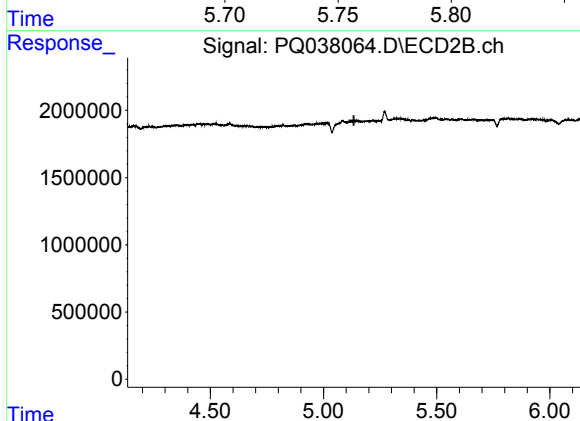
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#7 AR-1016-5

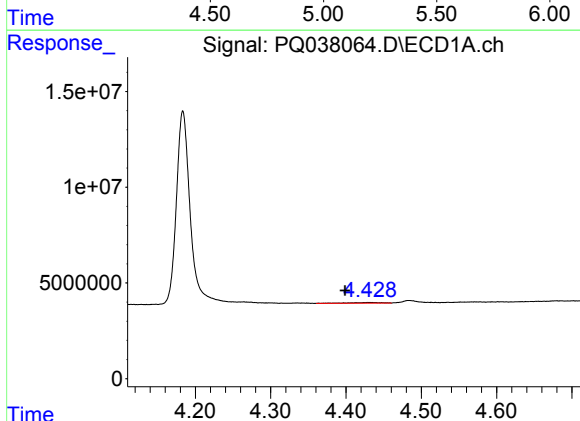
R.T.: 5.769 min
Delta R.T.: -0.023 min
Response: 273410
Conc: 1.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



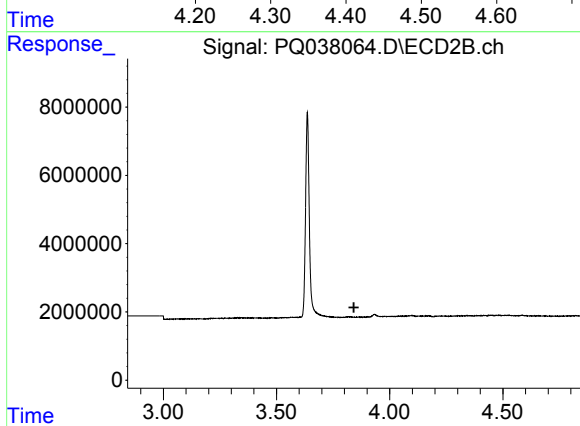
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.134 min
Response: 0
Conc: N.D.



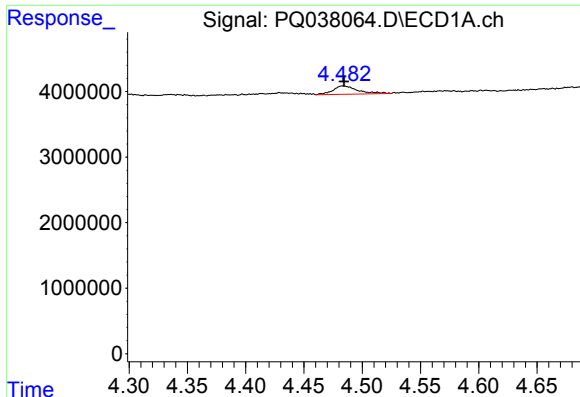
#8 AR-1221-1

R.T.: 4.429 min
Delta R.T.: 0.031 min
Response: 940859
Conc: 14.83 ng/ml



#8 AR-1221-1

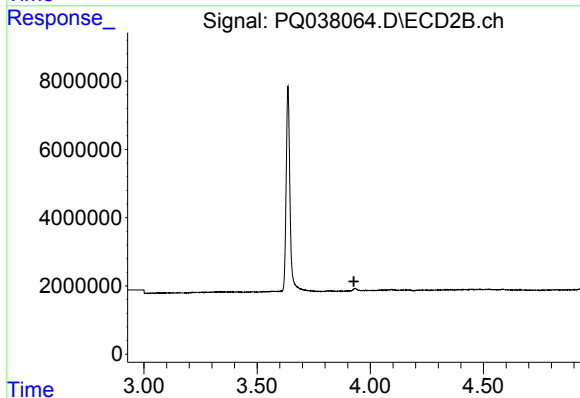
R.T.: 0.000 min
Exp R.T. : 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

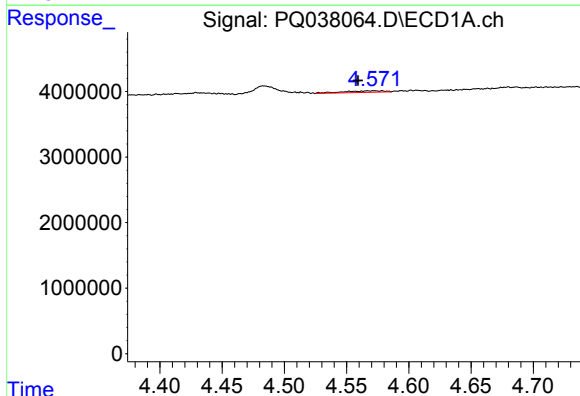
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 1879183
Conc: 40.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



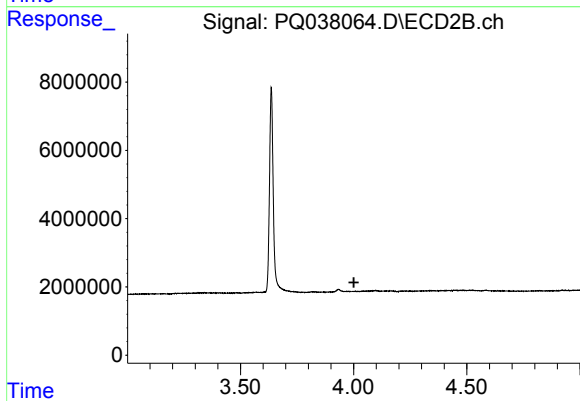
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.928 min
Response: 0
Conc: N.D.



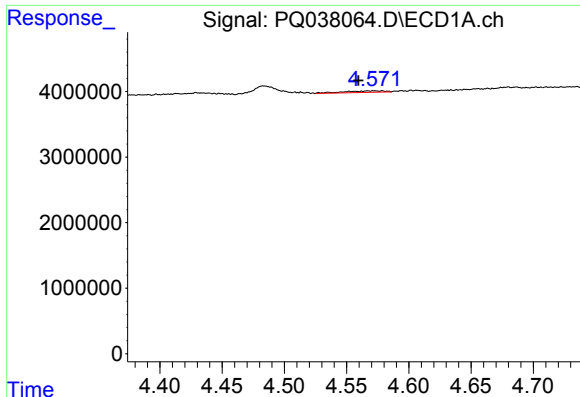
#10 AR-1221-3

R.T.: 4.578 min
Delta R.T.: 0.019 min
Response: 559175
Conc: 3.66 ng/ml



#10 AR-1221-3

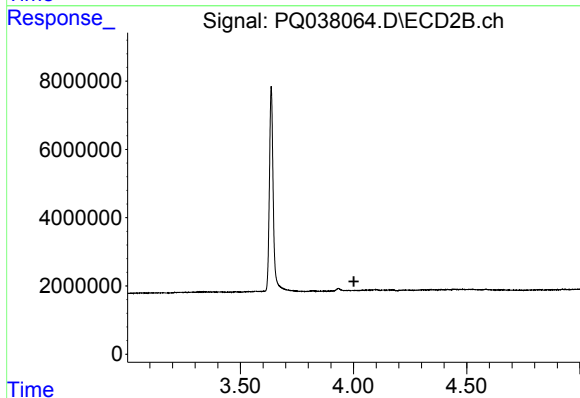
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#11 AR-1232-1

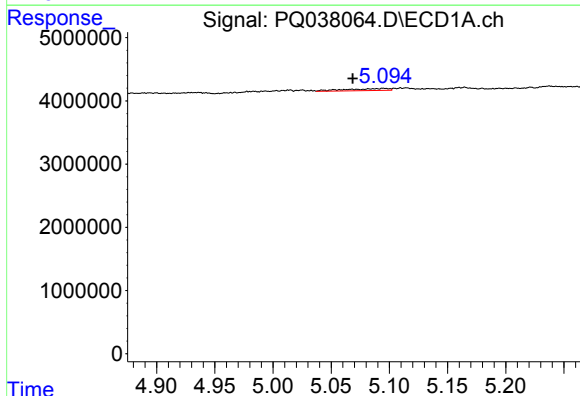
R.T.: 4.578 min
Delta R.T.: 0.019 min
Response: 559175
Conc: 4.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



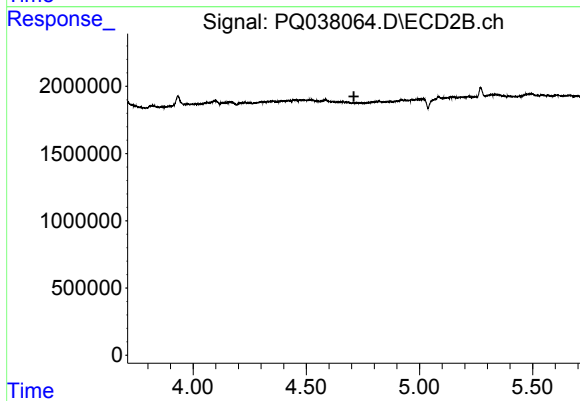
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



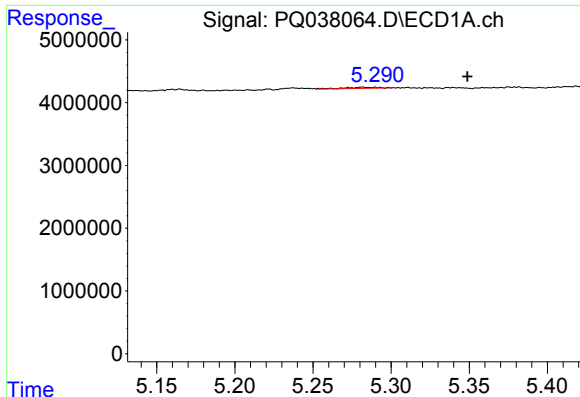
#12 AR-1232-2

R.T.: 5.095 min
Delta R.T.: 0.027 min
Response: 867278
Conc: 14.73 ng/ml



#12 AR-1232-2

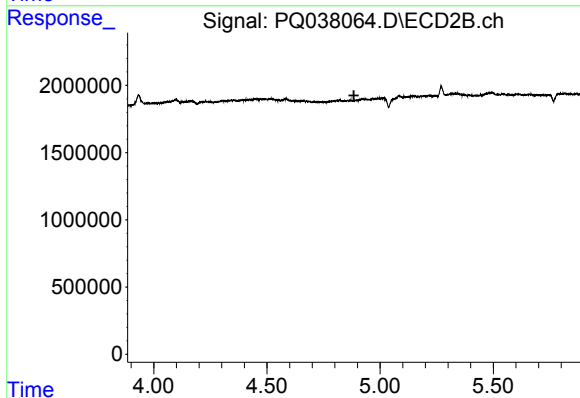
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#13 AR-1232-3

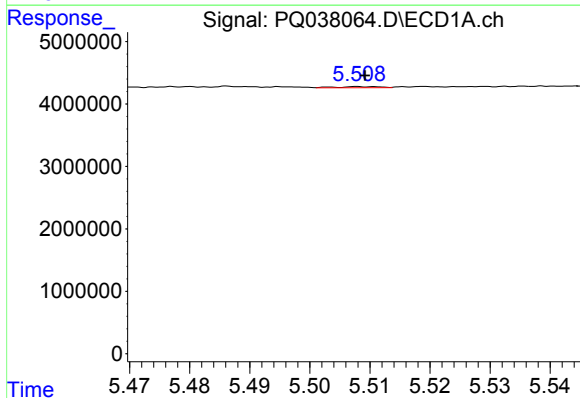
R.T.: 5.282 min
Delta R.T.: -0.067 min
Response: 323124
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



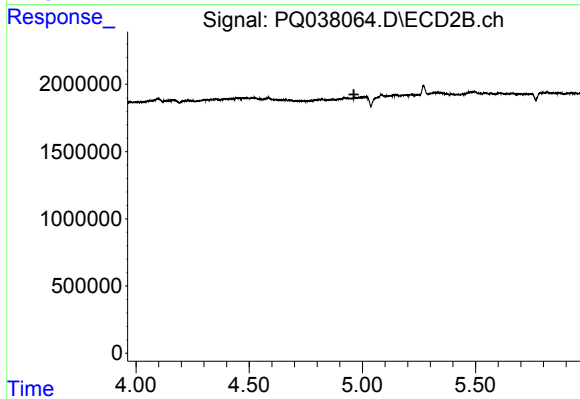
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



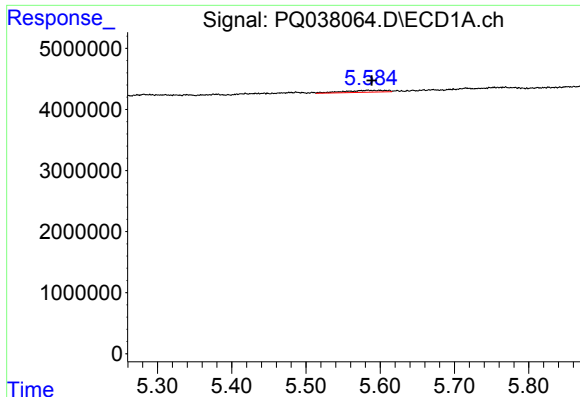
#14 AR-1232-4

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 85923
Conc: 1.48 ng/ml



#14 AR-1232-4

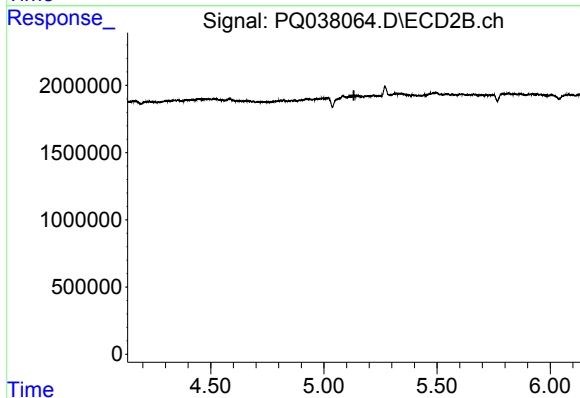
R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#15 AR-1232-5

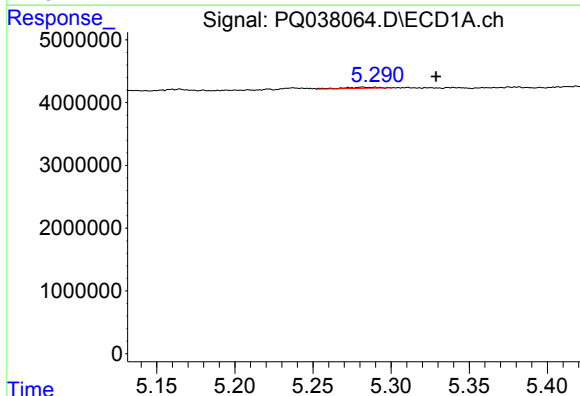
R.T.: 5.583 min
Delta R.T.: -0.006 min
Response: 1246289
Conc: 29.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



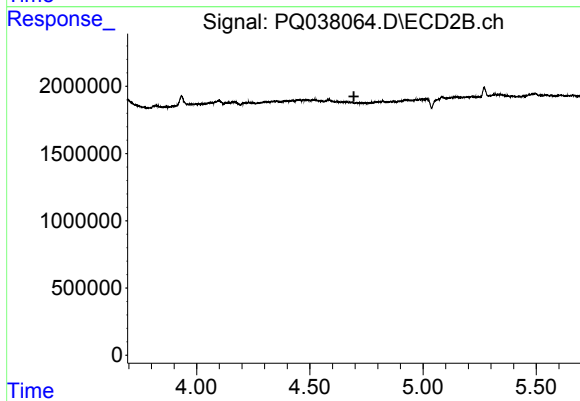
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



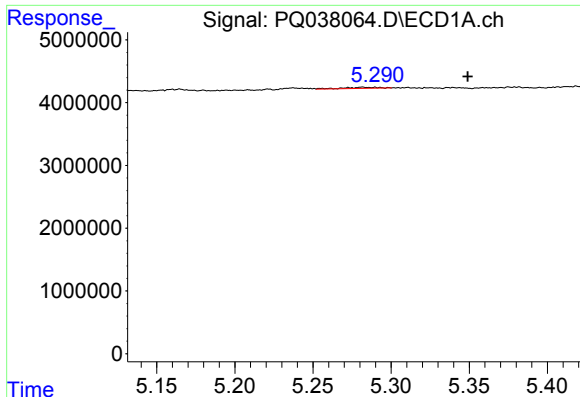
#16 AR-1242-1

R.T.: 5.282 min
Delta R.T.: -0.047 min
Response: 323124
Conc: 1.97 ng/ml



#16 AR-1242-1

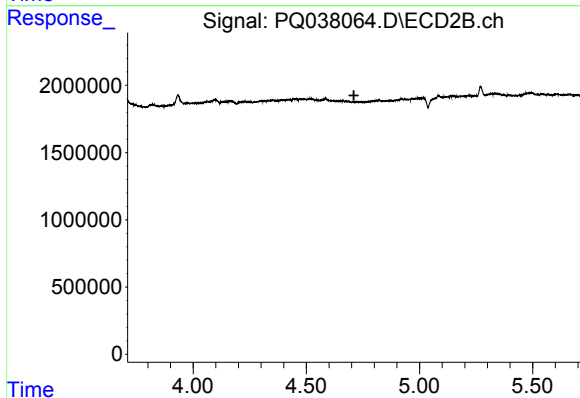
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#17 AR-1242-2

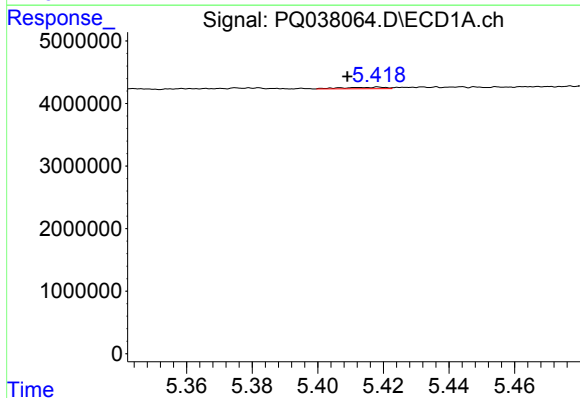
R.T.: 5.282 min
Delta R.T.: -0.067 min
Response: 323124
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



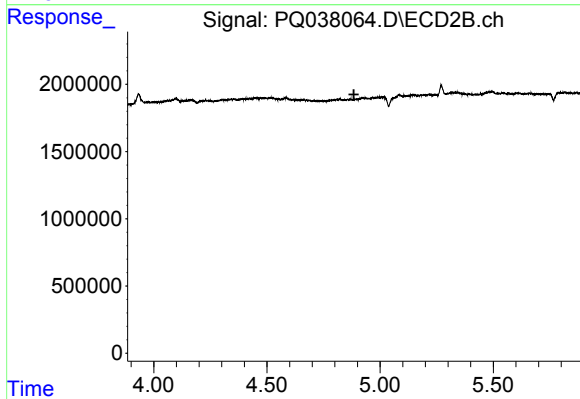
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



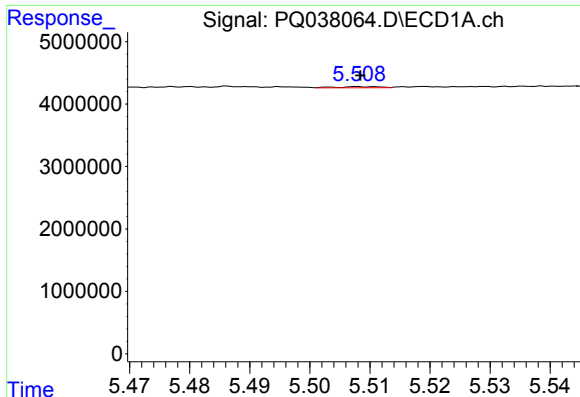
#18 AR-1242-3

R.T.: 5.419 min
Delta R.T.: 0.010 min
Response: 218585
Conc: 1.48 ng/ml



#18 AR-1242-3

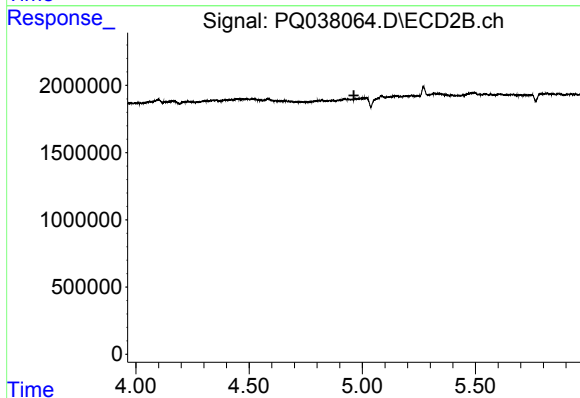
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#19 AR-1242-4

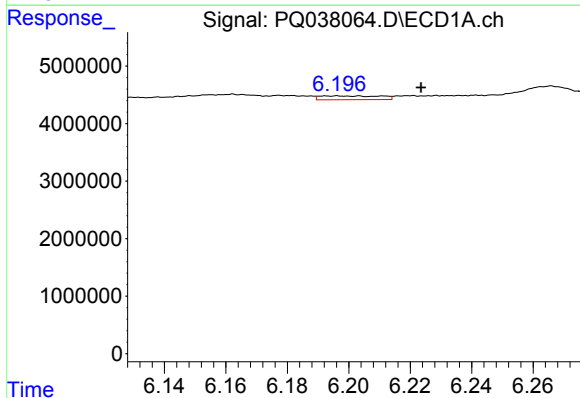
R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 85923
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



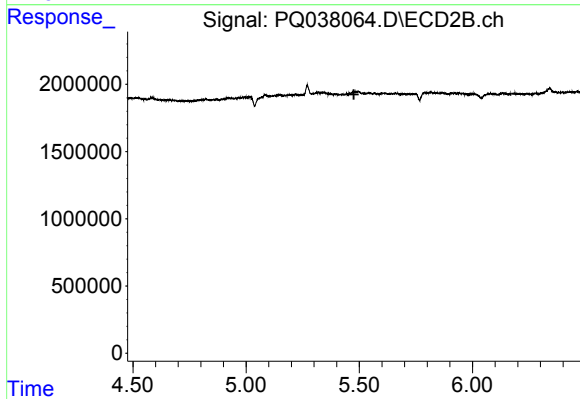
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



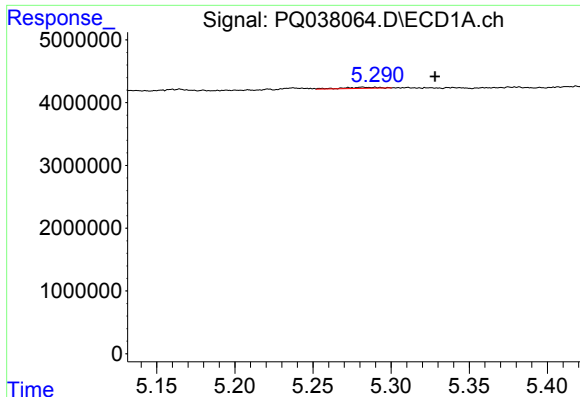
#20 AR-1242-5

R.T.: 6.195 min
Delta R.T.: -0.028 min
Response: 924402
Conc: 6.77 ng/ml



#20 AR-1242-5

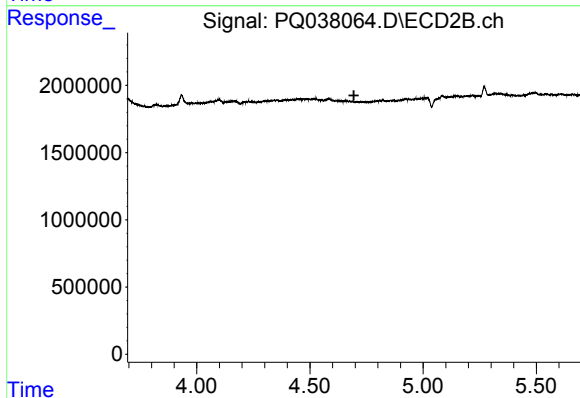
R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

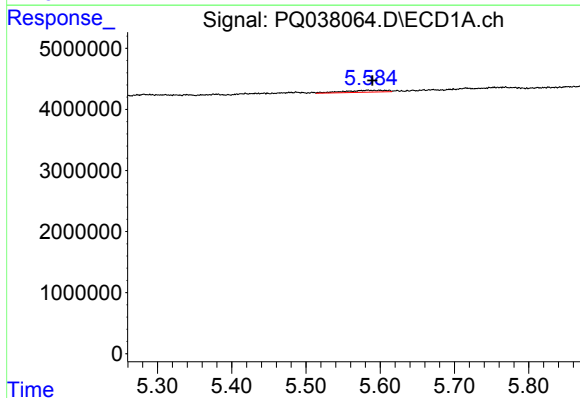
R.T.: 5.282 min
Delta R.T.: -0.046 min
Response: 323124
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



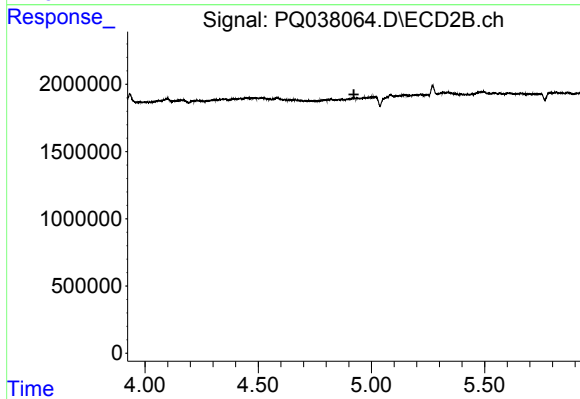
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



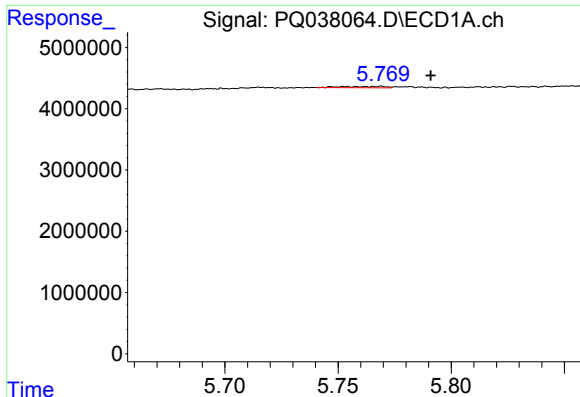
#22 AR-1248-2

R.T.: 5.583 min
Delta R.T.: -0.006 min
Response: 1246289
Conc: 5.69 ng/ml



#22 AR-1248-2

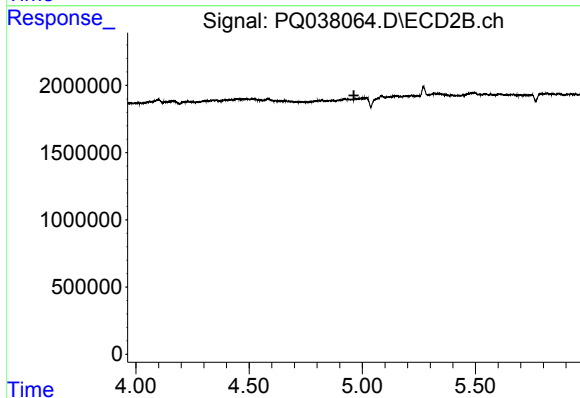
R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#23 AR-1248-3

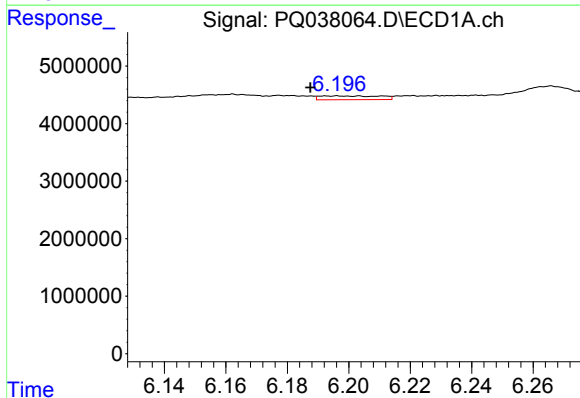
R.T.: 5.769 min
Delta R.T.: -0.022 min
Response: 273410
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



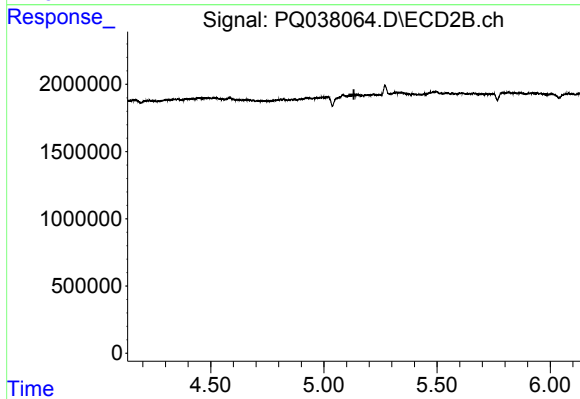
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



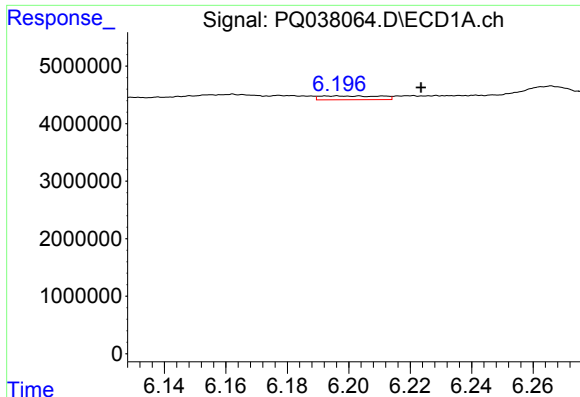
#24 AR-1248-4

R.T.: 6.195 min
Delta R.T.: 0.008 min
Response: 924402
Conc: 3.30 ng/ml



#24 AR-1248-4

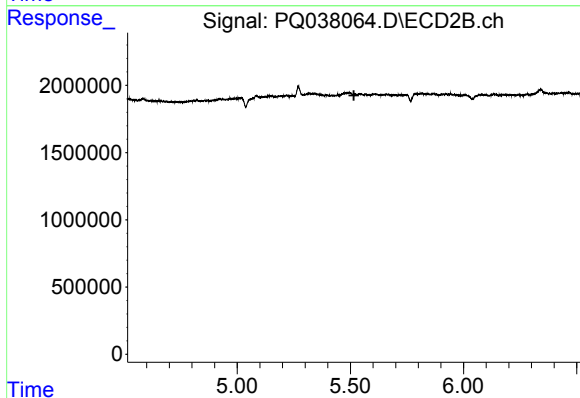
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#25 AR-1248-5

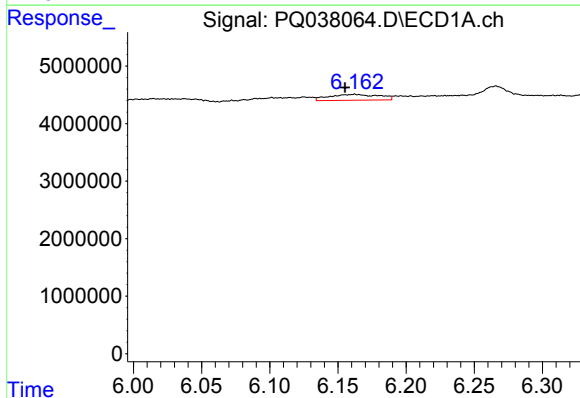
R.T.: 6.195 min
Delta R.T.: -0.028 min
Response: 924402
Conc: 3.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



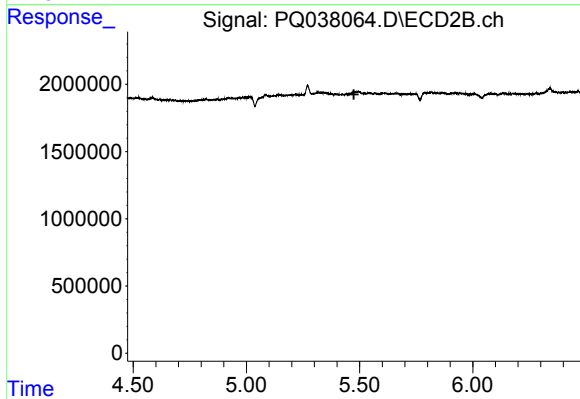
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



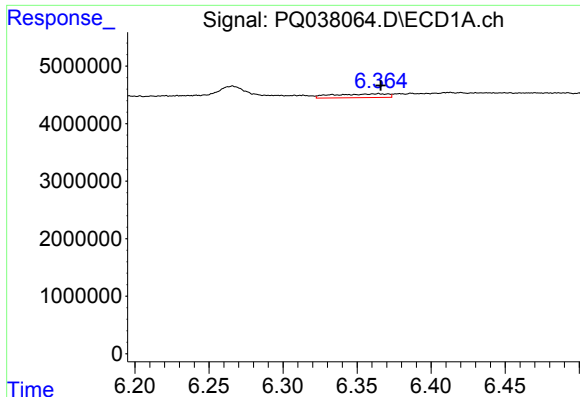
#26 AR-1254-1

R.T.: 6.162 min
Delta R.T.: 0.007 min
Response: 2633376
Conc: 13.40 ng/ml



#26 AR-1254-1

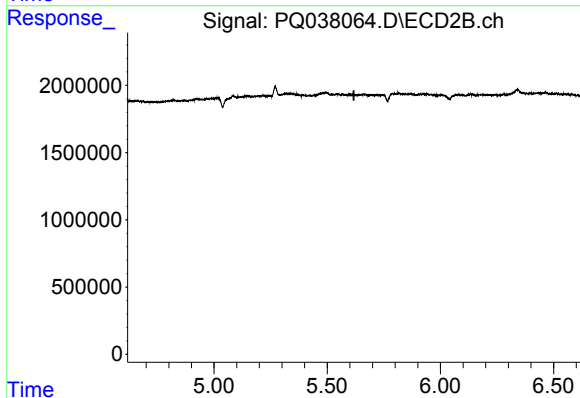
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

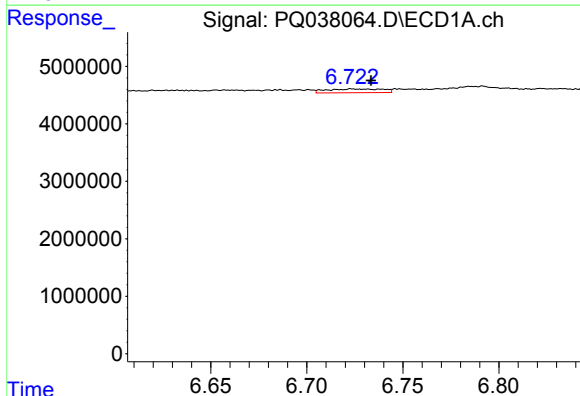
R.T.: 6.365 min
Delta R.T.: -0.001 min
Response: 1690262
Conc: 5.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



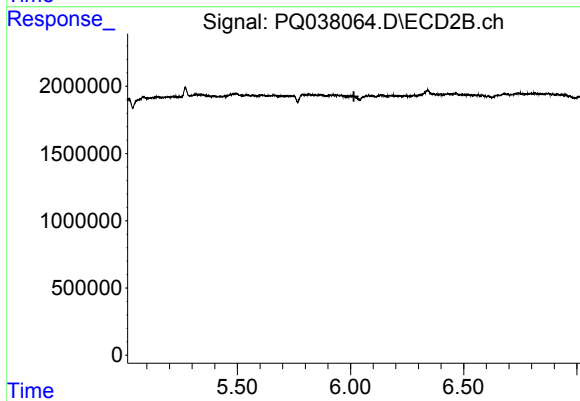
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



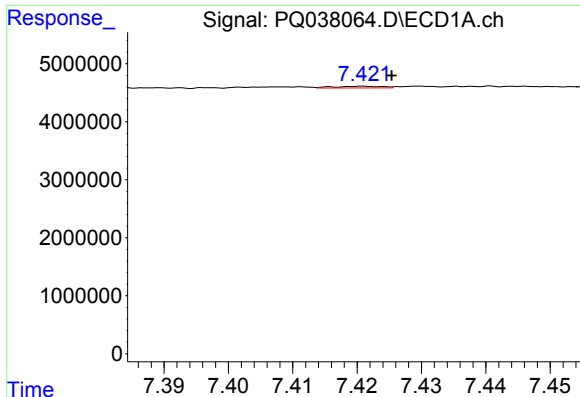
#28 AR-1254-3

R.T.: 6.723 min
Delta R.T.: -0.010 min
Response: 1343978
Conc: 4.32 ng/ml



#28 AR-1254-3

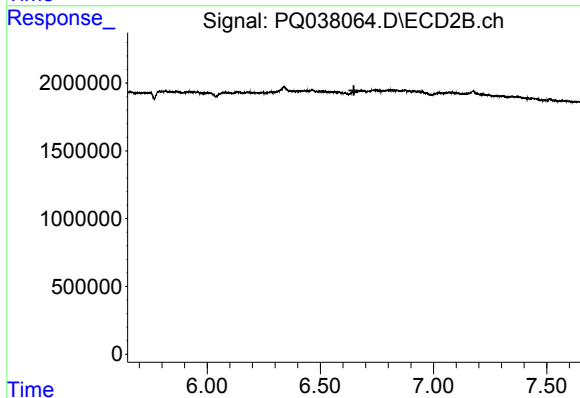
R.T.: 0.000 min
Exp R.T. : 6.015 min
Response: 0
Conc: N.D.



#30 AR-1254-5

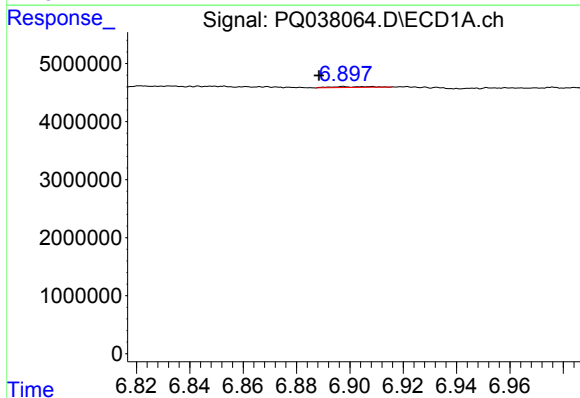
R.T.: 7.421 min
Delta R.T.: -0.004 min
Response: 148471
Conc: 0.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



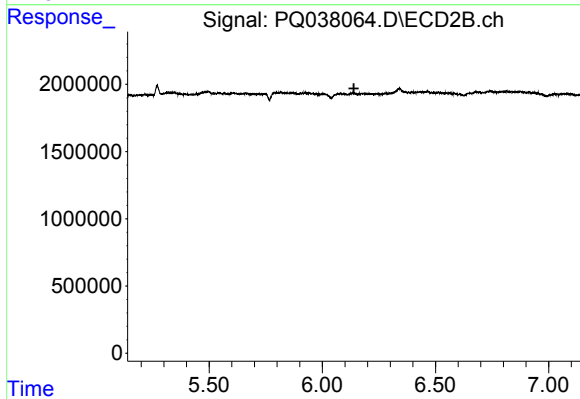
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.648 min
Response: 0
Conc: N.D.



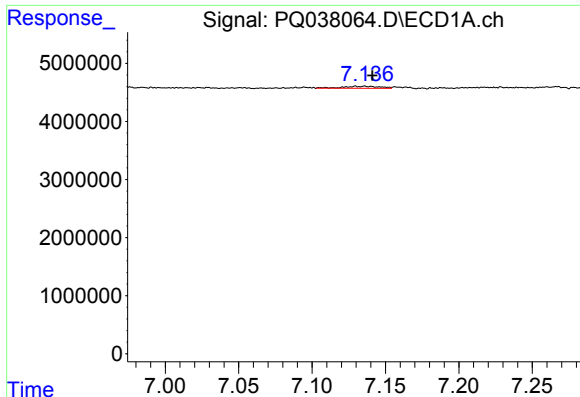
#31 AR-1260-1

R.T.: 6.897 min
Delta R.T.: 0.009 min
Response: 153091
Conc: 0.59 ng/ml



#31 AR-1260-1

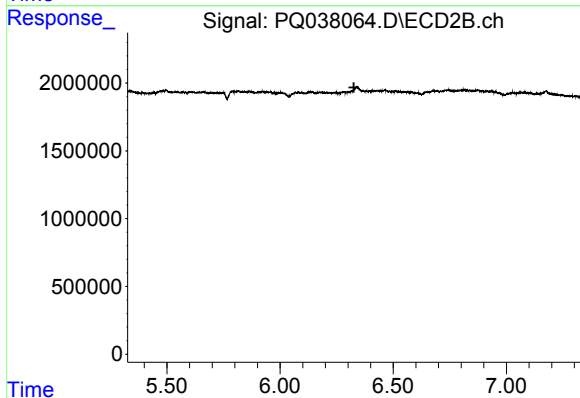
R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



#32 AR-1260-2

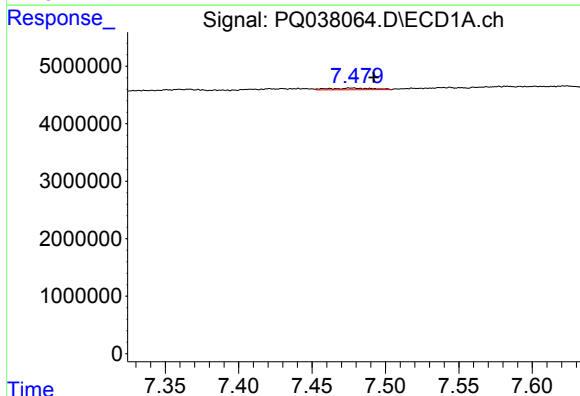
R.T.: 7.136 min
Delta R.T.: -0.005 min
Response: 597262
Conc: 1.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



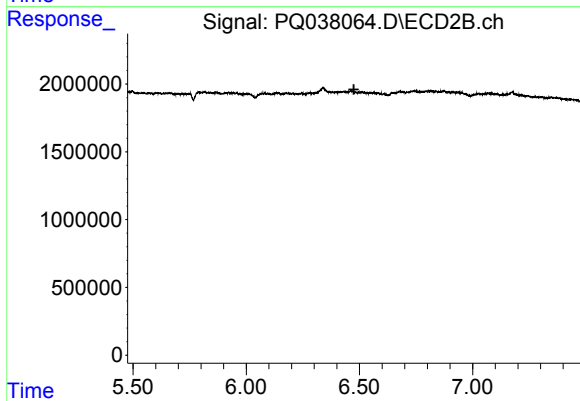
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



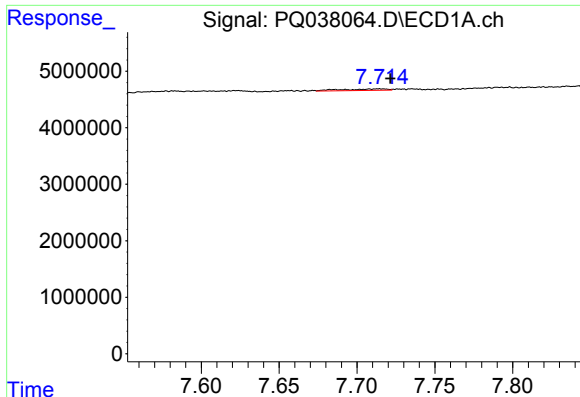
#33 AR-1260-3

R.T.: 7.477 min
Delta R.T.: -0.015 min
Response: 611619
Conc: 2.16 ng/ml



#33 AR-1260-3

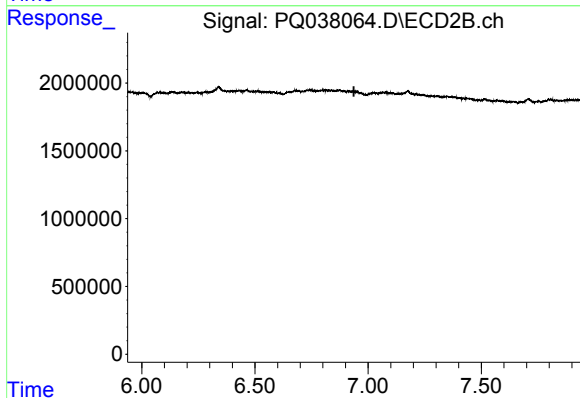
R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.



#34 AR-1260-4

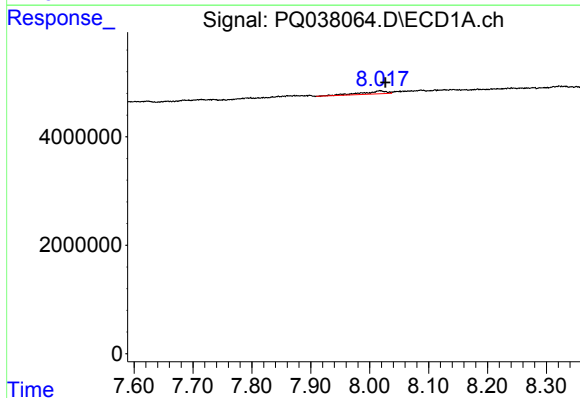
R.T.: 7.714 min
Delta R.T.: -0.007 min
Response: 526967
Conc: 1.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



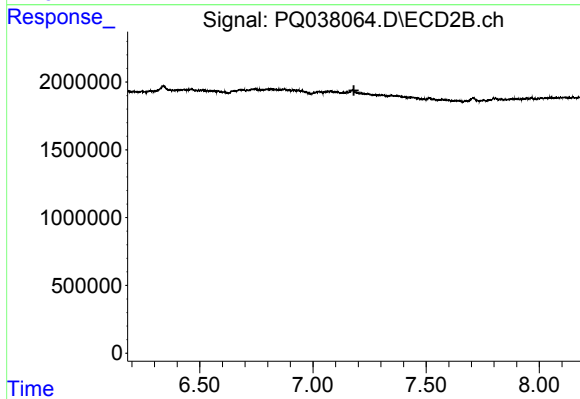
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



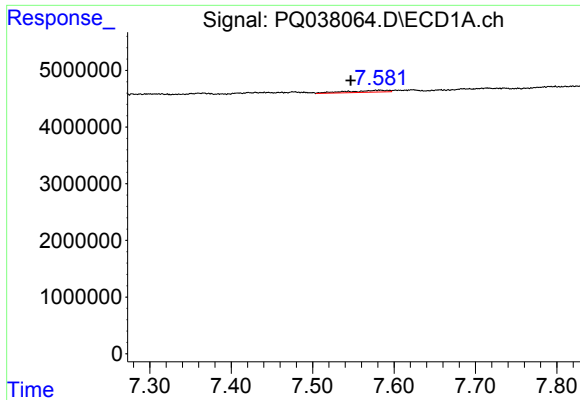
#35 AR-1260-5

R.T.: 8.018 min
Delta R.T.: -0.009 min
Response: 1641834
Conc: 2.61 ng/ml



#35 AR-1260-5

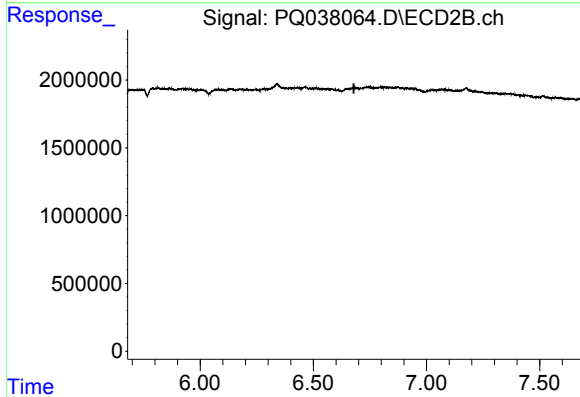
R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



#36 AR-1262-1

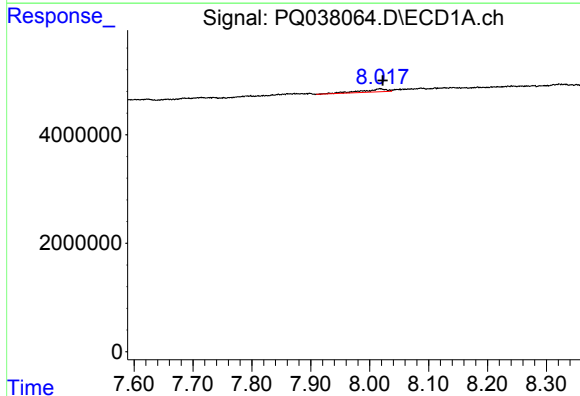
R.T.: 7.578 min
Delta R.T.: 0.031 min
Response: 1105752
Conc: 7.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



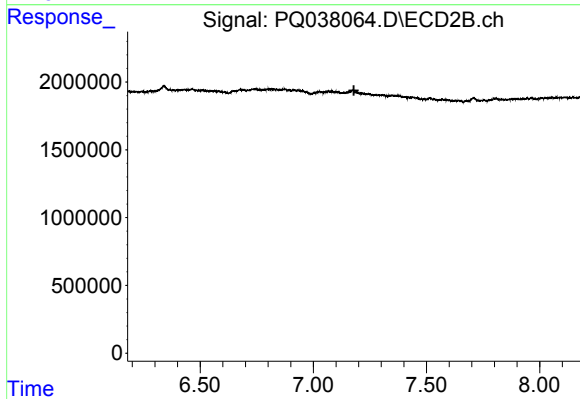
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



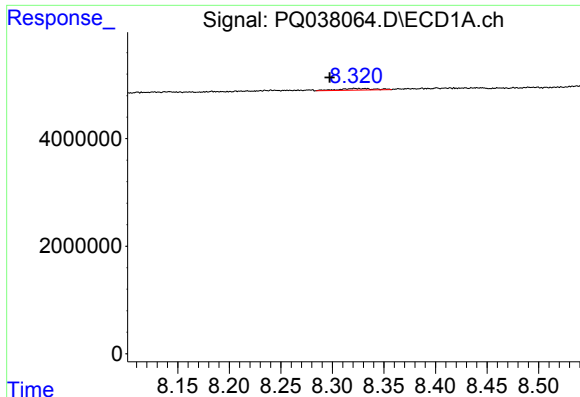
#37 AR-1262-2

R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 1641834
Conc: 2.34 ng/ml



#37 AR-1262-2

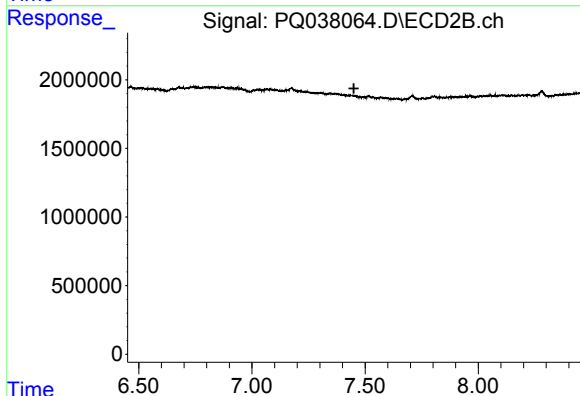
R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



#38 AR-1262-3

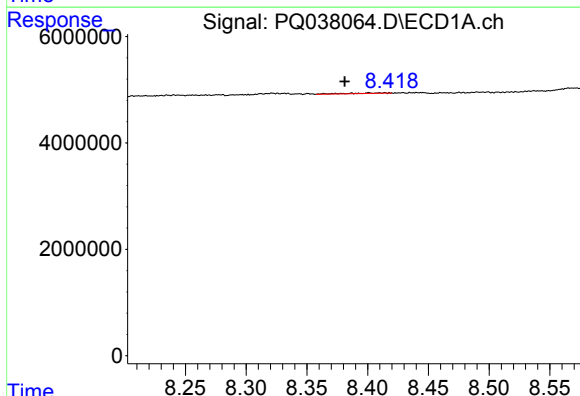
R.T.: 8.321 min
Delta R.T.: 0.024 min
Response: 708784
Conc: 2.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



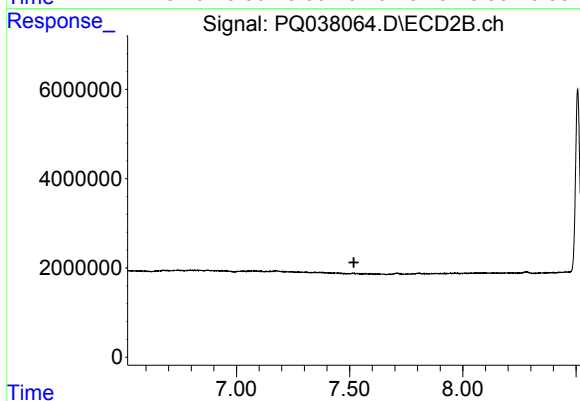
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



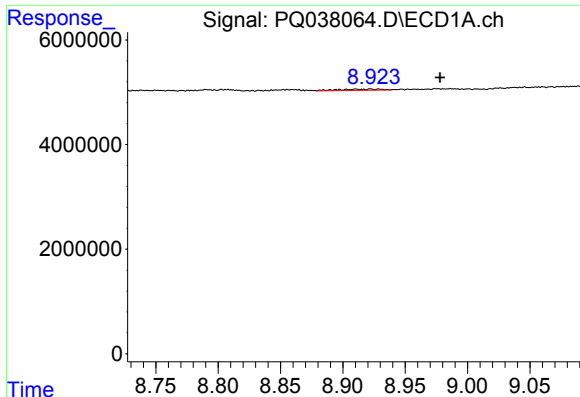
#39 AR-1262-4

R.T.: 8.401 min
Delta R.T.: 0.020 min
Response: 258418
Conc: 0.75 ng/ml



#39 AR-1262-4

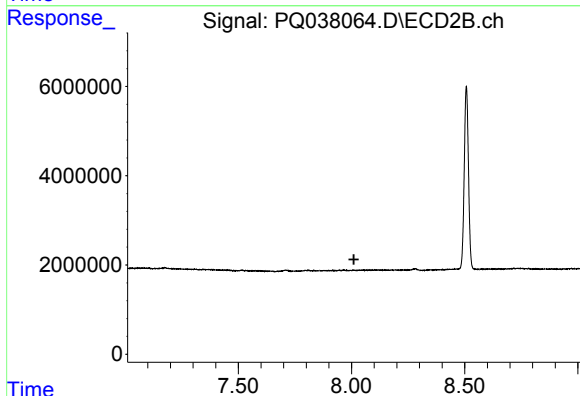
R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



#40 AR-1262-5

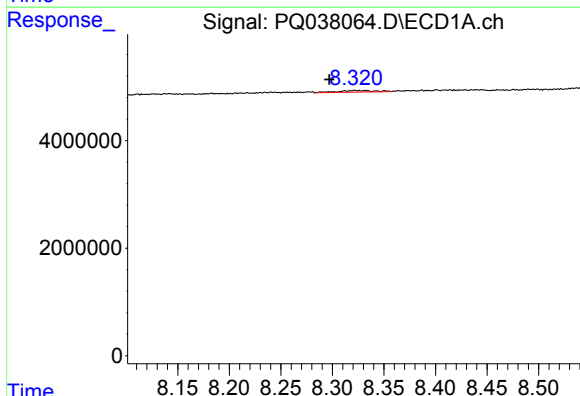
R.T.: 8.922 min
Delta R.T.: -0.056 min
Response: 534731
Conc: 2.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



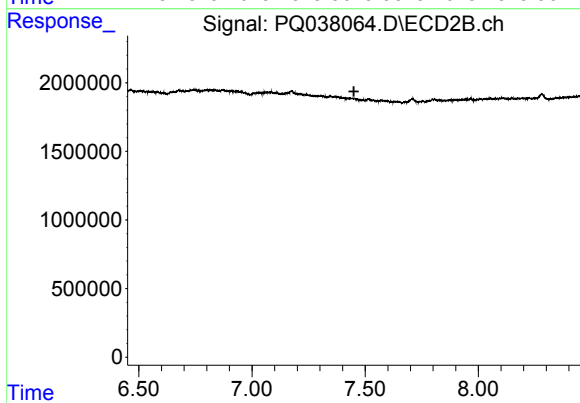
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



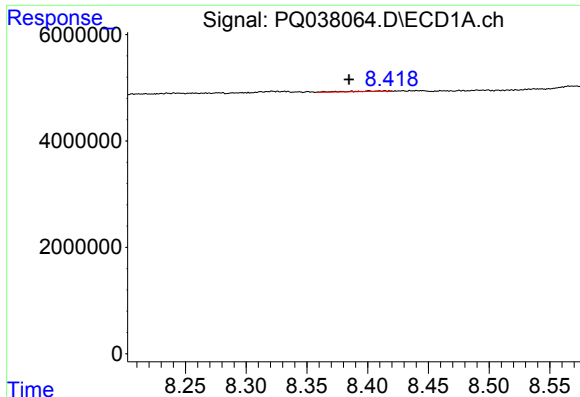
#41 AR-1268-1

R.T.: 8.321 min
Delta R.T.: 0.024 min
Response: 708784
Conc: 0.86 ng/ml



#41 AR-1268-1

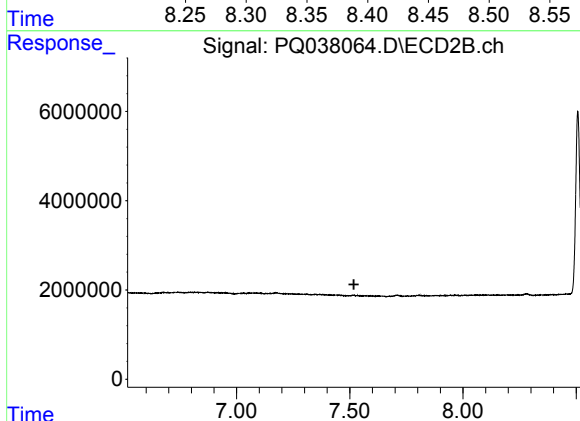
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#42 AR-1268-2

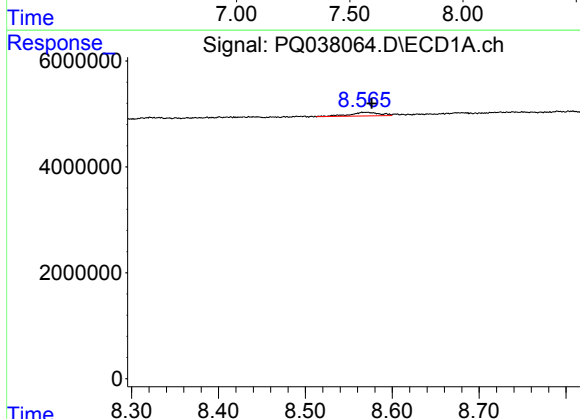
R.T.: 8.401 min
Delta R.T.: 0.016 min
Response: 258418
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



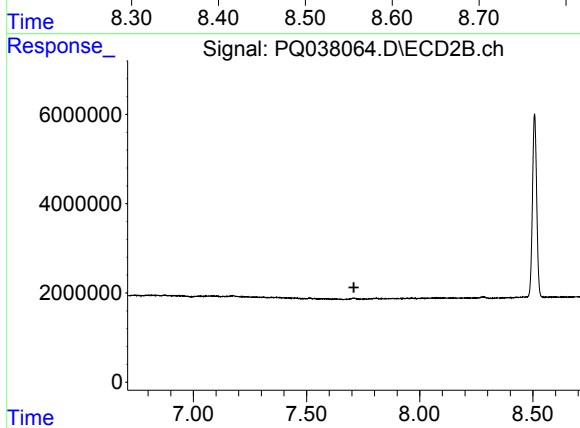
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



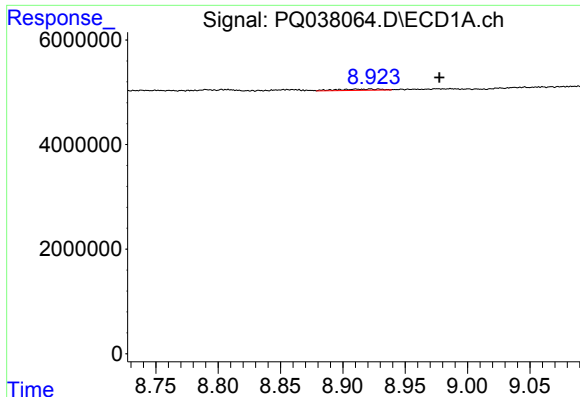
#43 AR-1268-3

R.T.: 8.571 min
Delta R.T.: -0.006 min
Response: 1654672
Conc: 2.52 ng/ml



#43 AR-1268-3

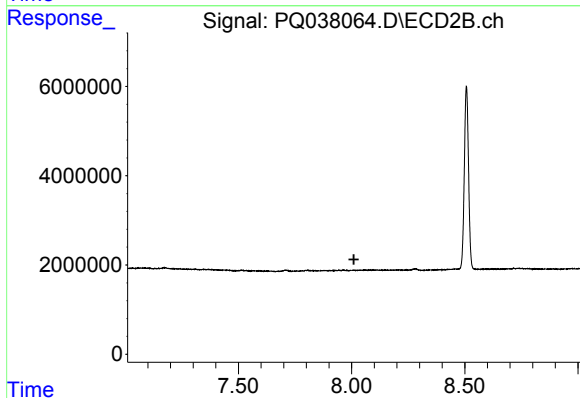
R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



#44 AR-1268-4

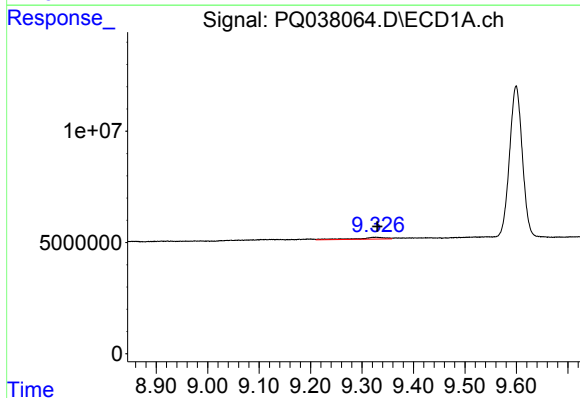
R.T.: 8.922 min
Delta R.T.: -0.055 min
Response: 534731
Conc: 2.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



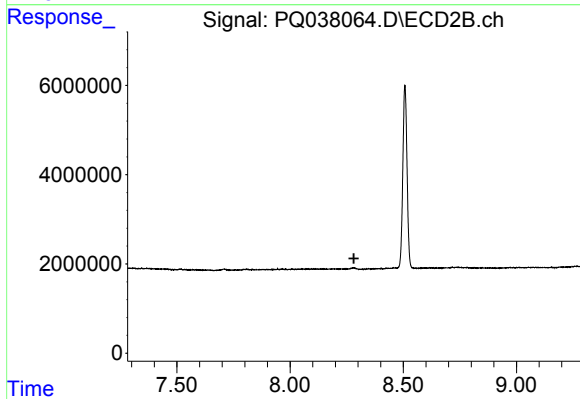
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.327 min
Delta R.T.: -0.003 min
Response: 2915265
Conc: 1.49 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.