

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032119\  
 Data File : PQ038044.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Mar 2019 17:58  
 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 21 08:41:36 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... | 4.182 | 3.636 | 119.3E6 | 65038021 | 20.510 | 21.058 |
| 2)                          | SA Decachlor... | 9.597 | 8.508 | 108.1E6 | 44555455 | 22.413 | 19.902 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 3)                          | L1 AR-1016-1    | 5.377 | 0.000 | 757612  | 0        | 3.764  | N.D. # |
| 4)                          | L1 AR-1016-2    | 5.377 | 0.000 | 757612  | 0        | 2.414  | N.D. # |
| 5)                          | L1 AR-1016-3    | 5.377 | 0.000 | 757612  | 0        | 4.160  | N.D. # |
| 6)                          | L1 AR-1016-4    | 5.520 | 0.000 | 751904  | 0        | 5.026  | N.D. # |
| 9)                          | L2 AR-1221-2    | 4.481 | 0.000 | 1289989 | 0        | 27.886 | N.D. # |
| 10)                         | L2 AR-1221-3    | 4.588 | 0.000 | 592220  | 0        | 3.875  | N.D. # |
| 11)                         | L3 AR-1232-1    | 4.588 | 0.000 | 592220  | 0        | 4.759  | N.D. # |
| 13)                         | L3 AR-1232-3    | 5.377 | 0.000 | 757612  | 0        | 6.134  | N.D. # |
| 14)                         | L3 AR-1232-4    | 5.520 | 0.000 | 751904  | 0        | 12.910 | N.D. # |
| 15)                         | L3 AR-1232-5    | 5.626 | 0.000 | 1814748 | 0        | 42.451 | N.D. # |
| 16)                         | L4 AR-1242-1    | 5.377 | 0.000 | 757612  | 0        | 4.610  | N.D. # |
| 17)                         | L4 AR-1242-2    | 5.377 | 0.000 | 757612  | 0        | 2.969  | N.D. # |
| 18)                         | L4 AR-1242-3    | 5.377 | 0.000 | 757612  | 0        | 5.137  | N.D. # |
| 19)                         | L4 AR-1242-4    | 5.520 | 0.000 | 751904  | 0        | 6.143  | N.D. # |
| 20)                         | L4 AR-1242-5    | 6.205 | 0.000 | 1005003 | 0        | 7.355  | N.D. # |
| 21)                         | L5 AR-1248-1    | 5.377 | 0.000 | 757612  | 0        | 4.784  | N.D. # |
| 22)                         | L5 AR-1248-2    | 5.626 | 0.000 | 1814748 | 0        | 8.291  | N.D. # |
| 24)                         | L5 AR-1248-4    | 6.205 | 0.000 | 1005003 | 0        | 3.593  | N.D. # |
| 25)                         | L5 AR-1248-5    | 6.205 | 0.000 | 1005003 | 0        | 3.791  | N.D. # |
| 26)                         | L6 AR-1254-1    | 6.158 | 0.000 | 3628494 | 0        | 18.469 | N.D. # |
| 27)                         | L6 AR-1254-2    | 6.434 | 0.000 | 2892702 | 0        | 9.438  | N.D. # |
| 28)                         | L6 AR-1254-3    | 6.734 | 0.000 | 1279171 | 0        | 4.108  | N.D. # |
| 29)                         | L6 AR-1254-4    | 7.002 | 0.000 | 323915  | 0        | 1.276  | N.D. # |
| 31)                         | L7 AR-1260-1    | 6.852 | 0.000 | 1033670 | 0        | 3.992  | N.D. # |
| 32)                         | L7 AR-1260-2    | 7.129 | 0.000 | 1095861 | 0        | 3.179  | N.D. # |
| 33)                         | L7 AR-1260-3    | 7.501 | 0.000 | 7410087 | 0        | 26.127 | N.D. # |
| 34)                         | L7 AR-1260-4    | 7.652 | 0.000 | 307997  | 0        | 1.144  | N.D. # |
| 35)                         | L7 AR-1260-5    | 8.028 | 0.000 | 839906  | 0        | 1.333  | N.D. # |
| 36)                         | L8 AR-1262-1    | 7.589 | 0.000 | 1310680 | 0        | 8.487  | N.D. # |
| 37)                         | L8 AR-1262-2    | 8.028 | 0.000 | 839906  | 0        | 1.197  | N.D. # |
| 39)                         | L8 AR-1262-4    | 8.368 | 0.000 | 573988  | 0        | 1.655  | N.D. # |
| 40)                         | L8 AR-1262-5    | 8.973 | 0.000 | 2806179 | 0        | 11.744 | N.D. # |
| 42)                         | L9 AR-1268-2    | 8.368 | 0.000 | 573988  | 0        | 0.769  | N.D. # |
| 43)                         | L9 AR-1268-3    | 8.570 | 0.000 | 1233541 | 0        | 1.881  | N.D. # |
| 44)                         | L9 AR-1268-4    | 8.973 | 0.000 | 2806179 | 0        | 10.841 | N.D. # |
| 45)                         | L9 AR-1268-5    | 9.321 | 0.000 | 5996514 | 0        | 3.072  | N.D. # |
| -----                       |                 |       |       |         |          |        |        |

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

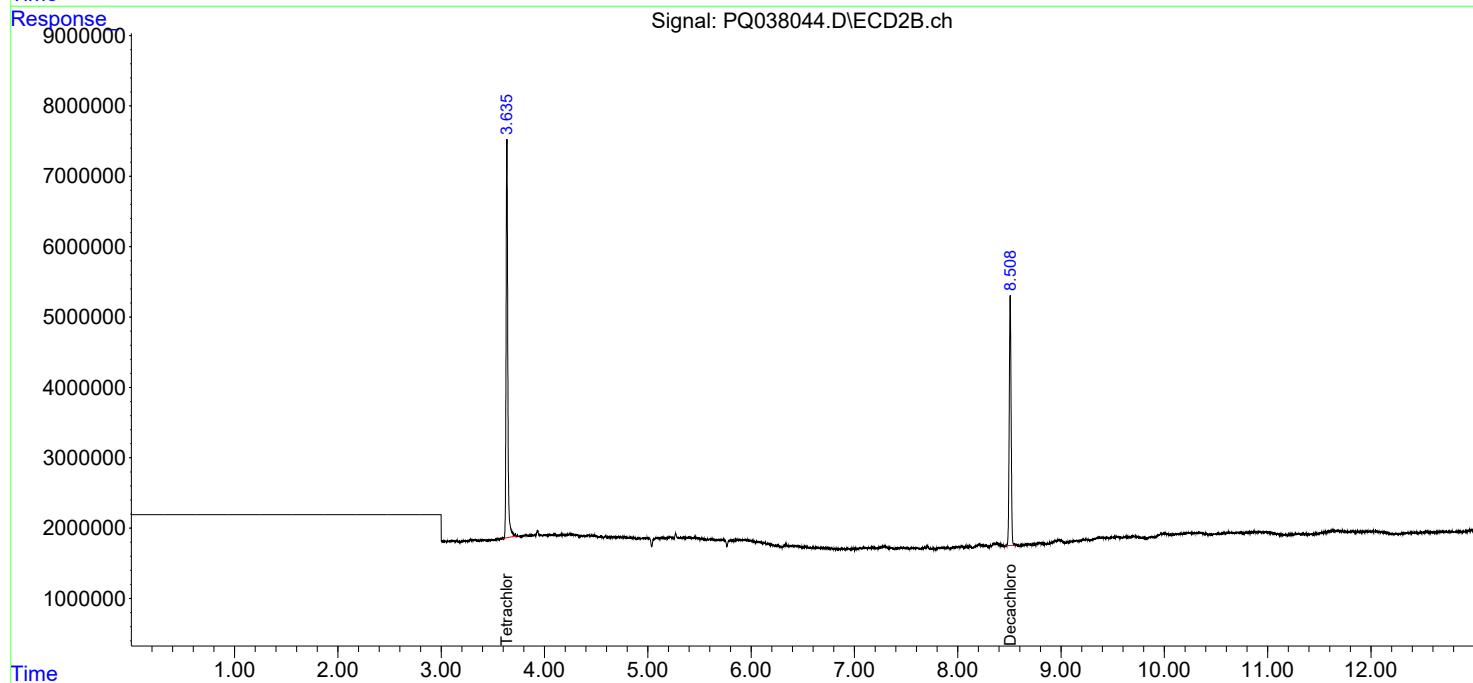
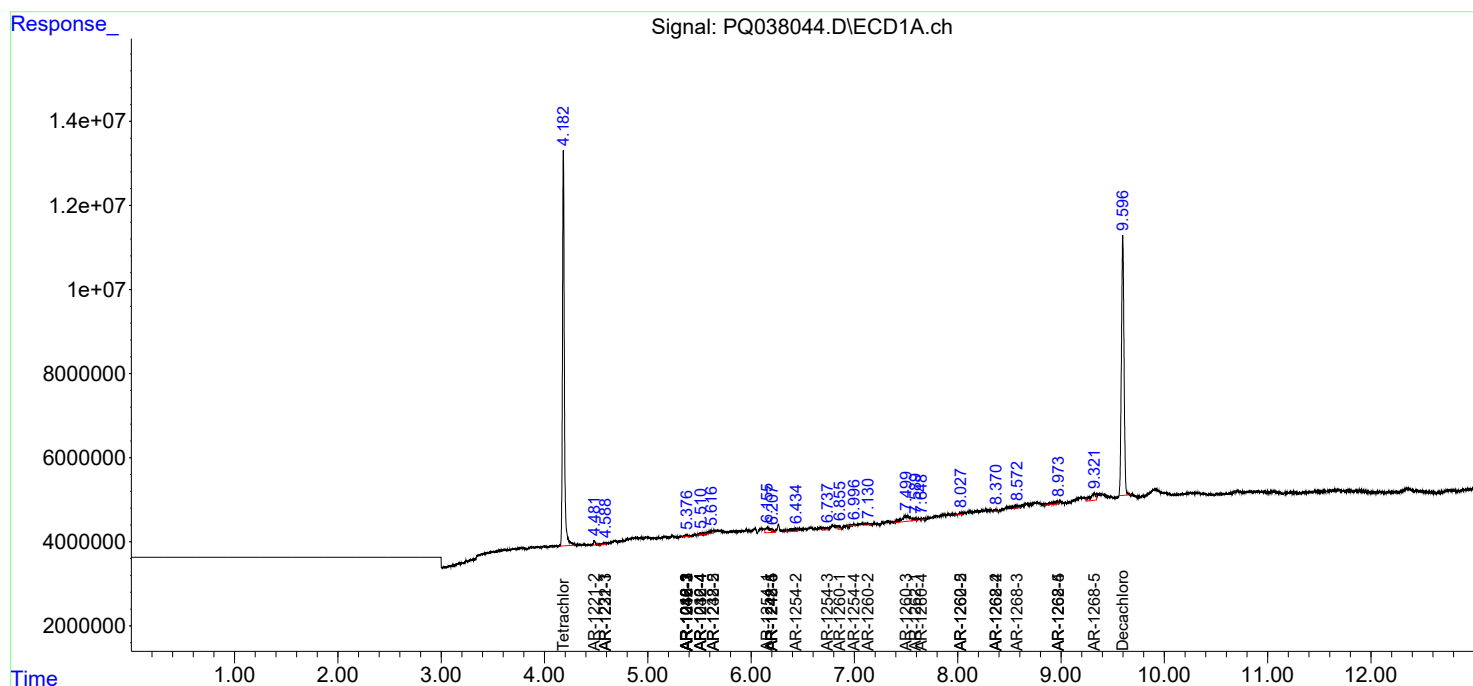
Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK

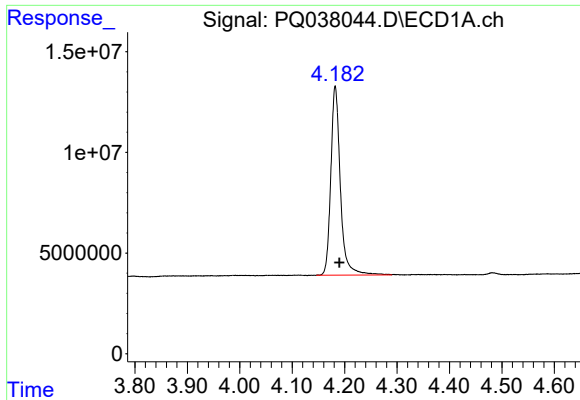
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032119\  
Data File : PQ038044.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Mar 2019 17:58  
Operator : SM\SJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 08:41:36 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

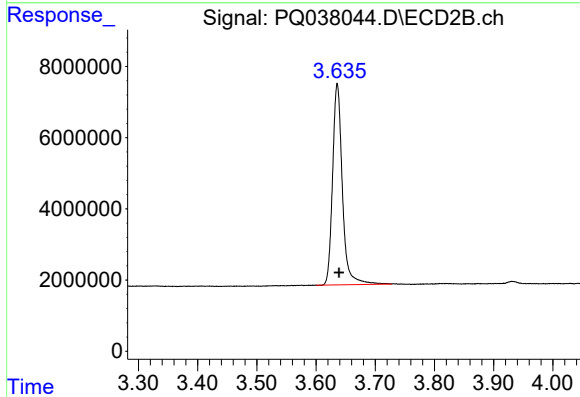




#1 Tetrachloro-m-xylene

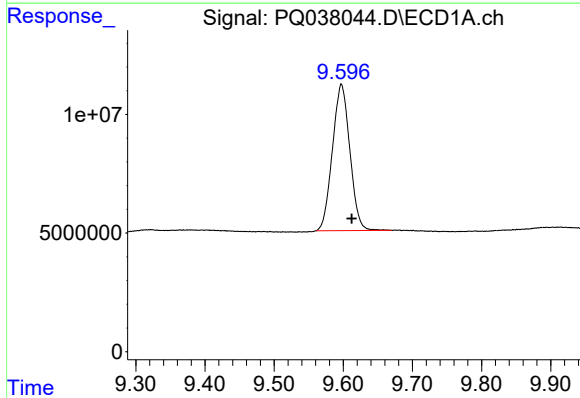
R.T.: 4.182 min  
Delta R.T.: -0.008 min  
Response: 119339963  
Conc: 20.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



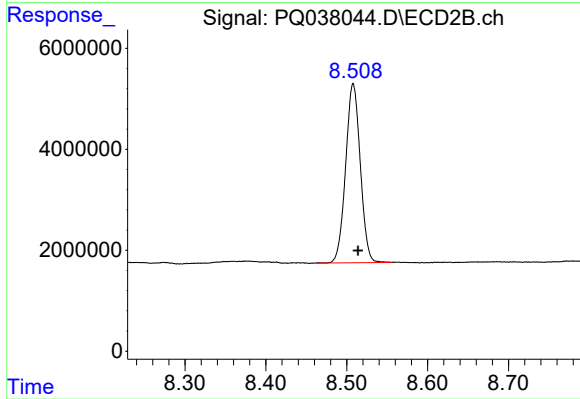
#1 Tetrachloro-m-xylene

R.T.: 3.636 min  
Delta R.T.: -0.003 min  
Response: 65038021  
Conc: 21.06 ng/ml



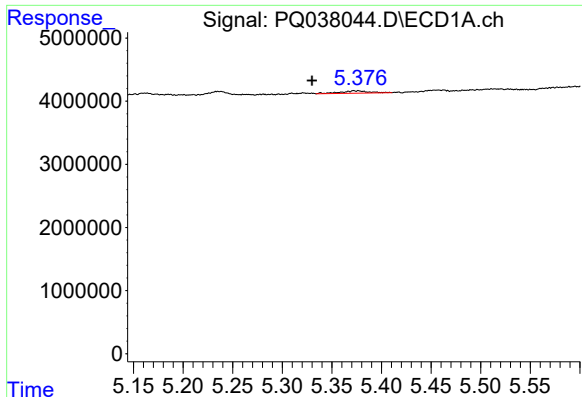
#2 Decachlorobiphenyl

R.T.: 9.597 min  
Delta R.T.: -0.015 min  
Response: 108061285  
Conc: 22.41 ng/ml



#2 Decachlorobiphenyl

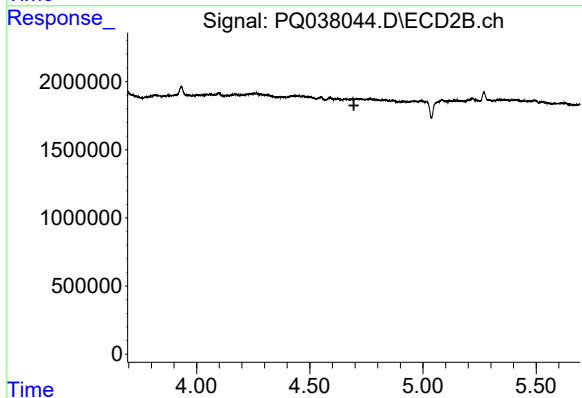
R.T.: 8.508 min  
Delta R.T.: -0.006 min  
Response: 44555455  
Conc: 19.90 ng/ml



#3 AR-1016-1

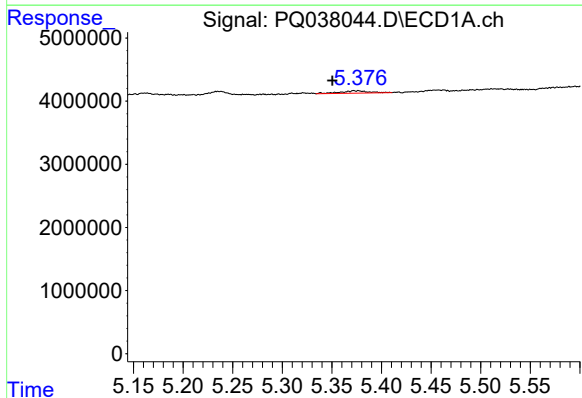
R.T.: 5.377 min  
Delta R.T.: 0.047 min  
Response: 757612  
Conc: 3.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



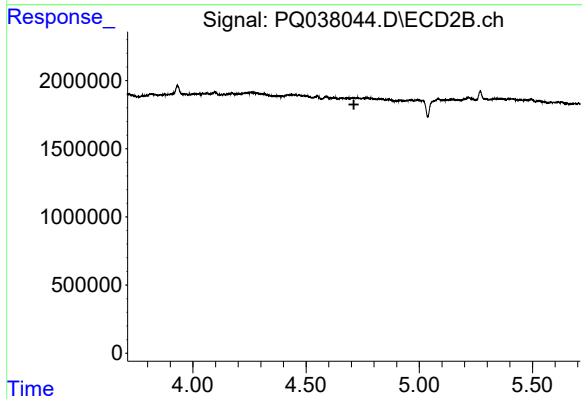
#3 AR-1016-1

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



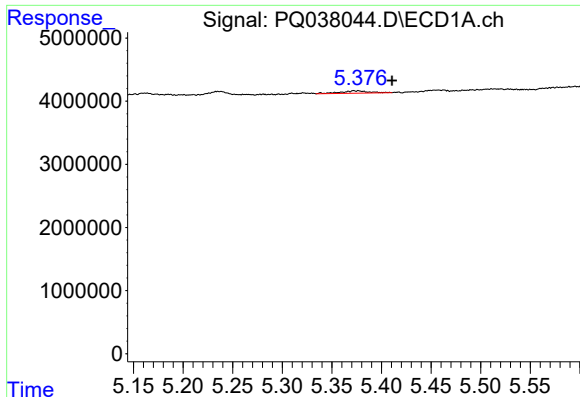
#4 AR-1016-2

R.T.: 5.377 min  
Delta R.T.: 0.026 min  
Response: 757612  
Conc: 2.41 ng/ml



#4 AR-1016-2

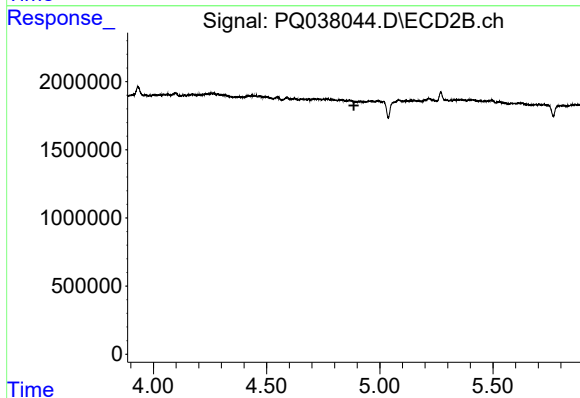
R.T.: 0.000 min  
Exp R.T. : 4.711 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

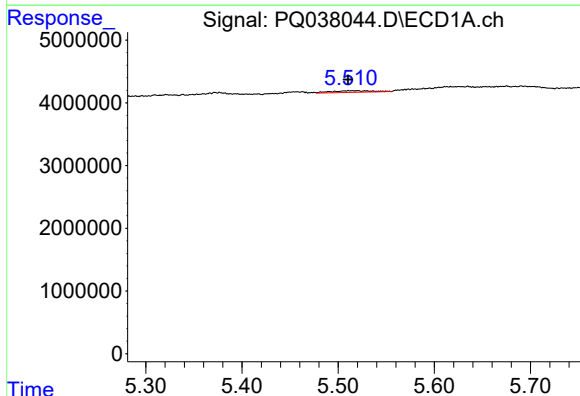
R.T.: 5.377 min  
Delta R.T.: -0.034 min  
Response: 757612  
Conc: 4.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



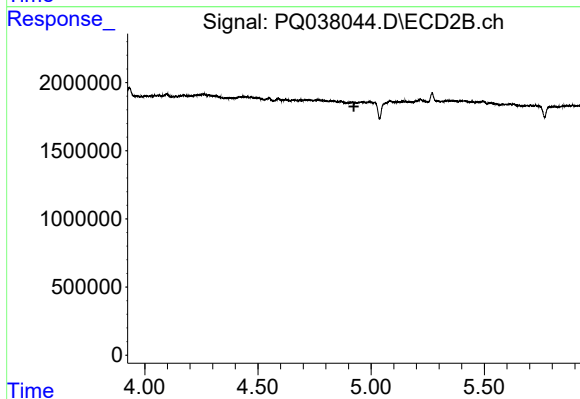
#5 AR-1016-3

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



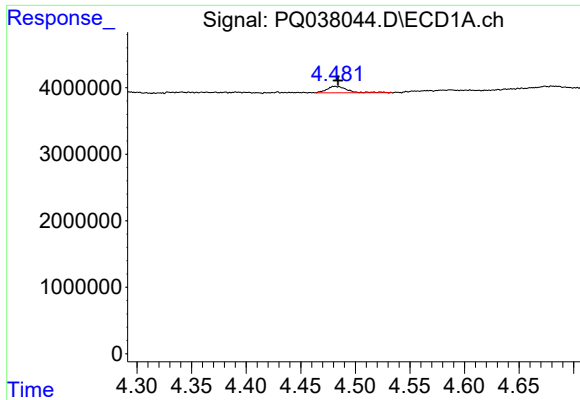
#6 AR-1016-4

R.T.: 5.520 min  
Delta R.T.: 0.010 min  
Response: 751904  
Conc: 5.03 ng/ml



#6 AR-1016-4

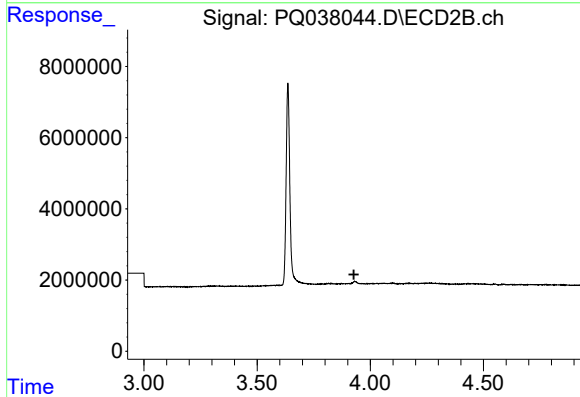
R.T.: 0.000 min  
Exp R.T. : 4.924 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

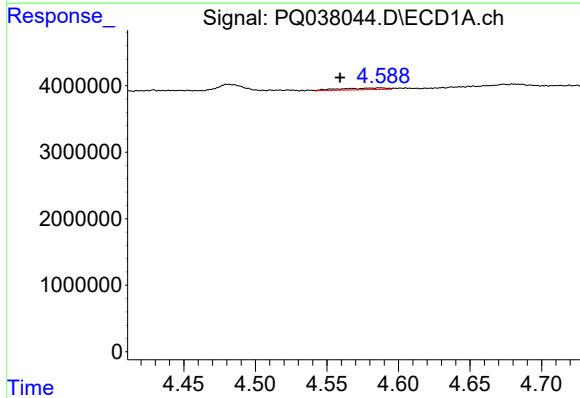
R.T.: 4.481 min  
Delta R.T.: -0.003 min  
Response: 1289989  
Conc: 27.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



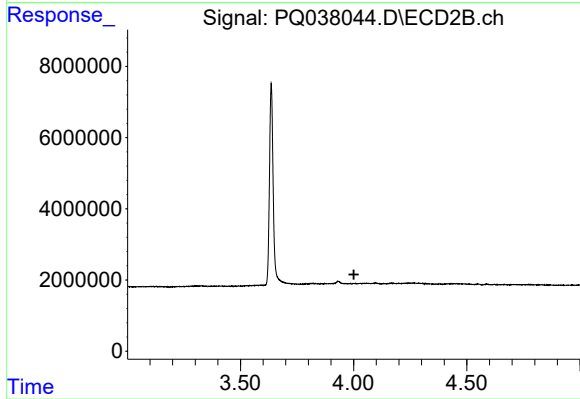
#9 AR-1221-2

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



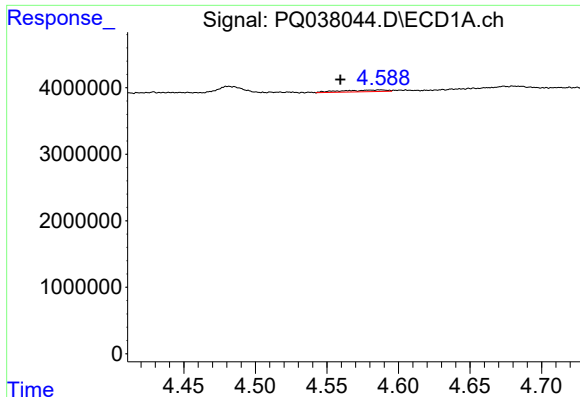
#10 AR-1221-3

R.T.: 4.588 min  
Delta R.T.: 0.028 min  
Response: 592220  
Conc: 3.87 ng/ml



#10 AR-1221-3

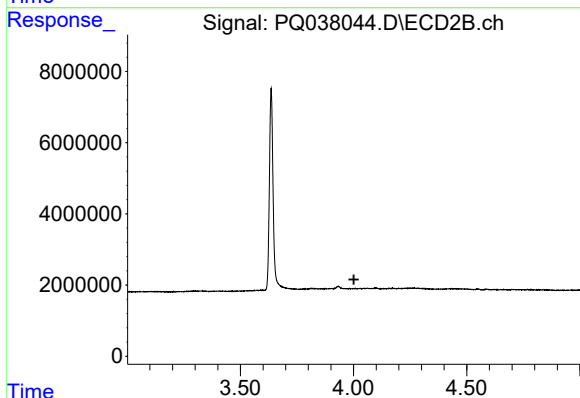
R.T.: 0.000 min  
Exp R.T. : 4.001 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

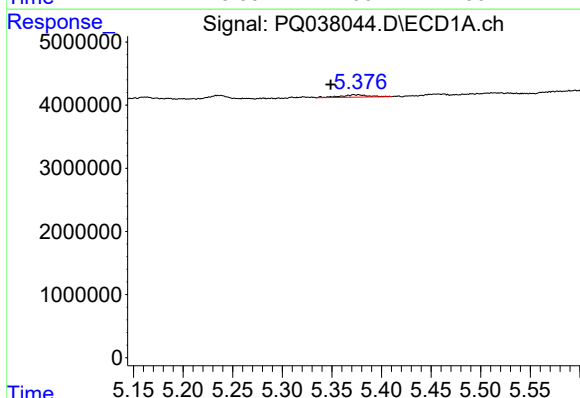
R.T.: 4.588 min  
Delta R.T.: 0.028 min  
Response: 592220  
Conc: 4.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



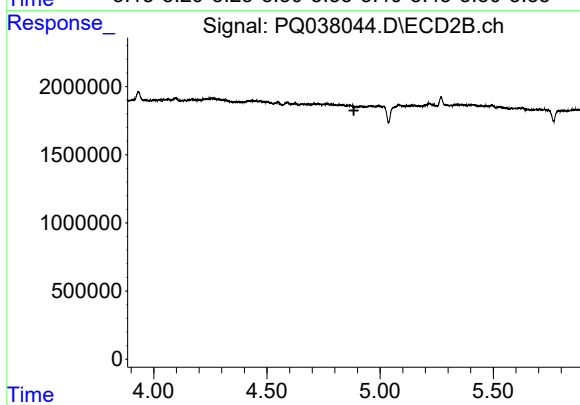
#11 AR-1232-1

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



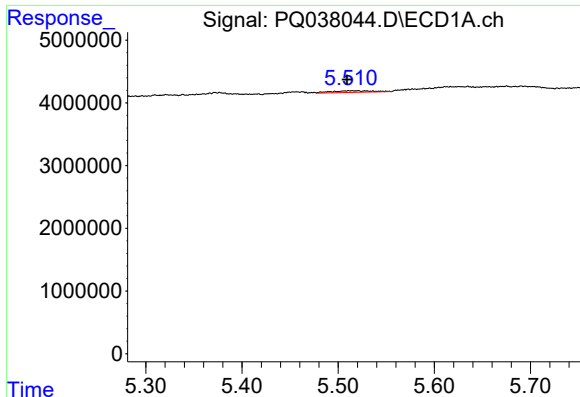
#13 AR-1232-3

R.T.: 5.377 min  
Delta R.T.: 0.028 min  
Response: 757612  
Conc: 6.13 ng/ml



#13 AR-1232-3

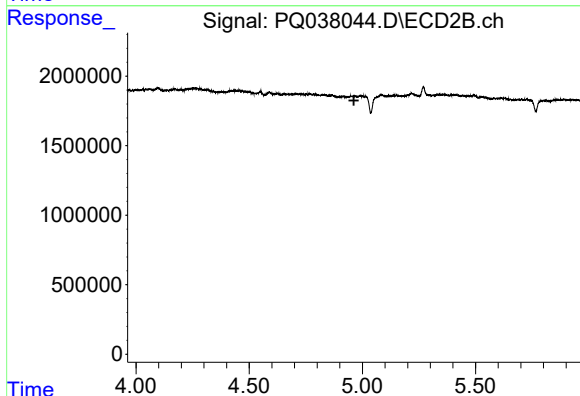
R.T.: 0.000 min  
Exp R.T. : 4.884 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

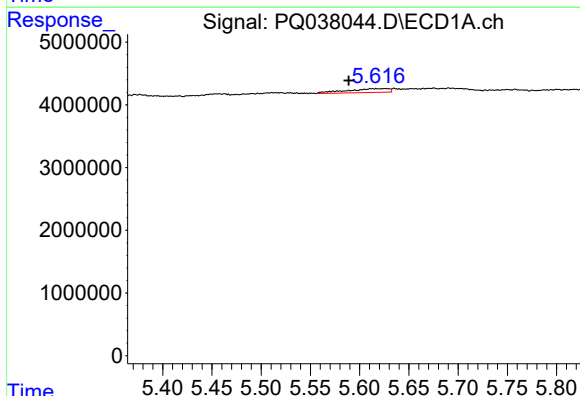
R.T.: 5.520 min  
Delta R.T.: 0.011 min  
Response: 751904  
Conc: 12.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



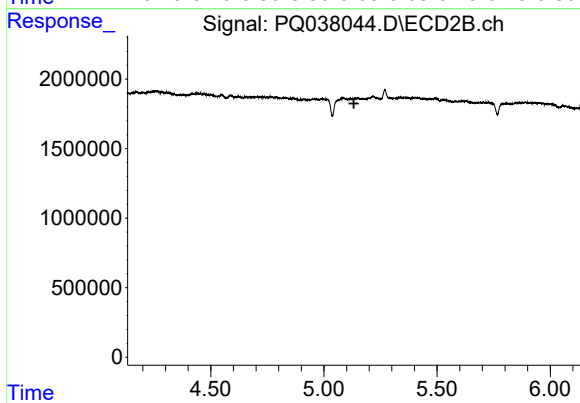
#14 AR-1232-4

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



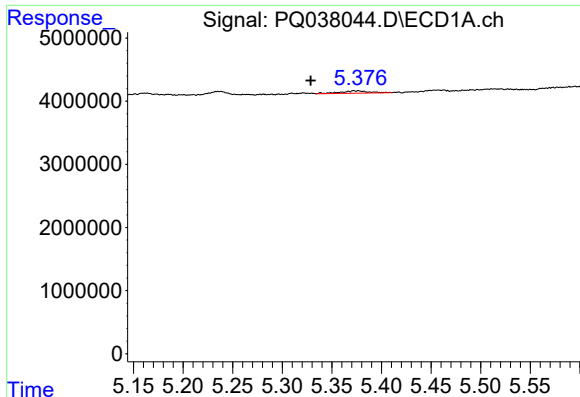
#15 AR-1232-5

R.T.: 5.626 min  
Delta R.T.: 0.037 min  
Response: 1814748  
Conc: 42.45 ng/ml



#15 AR-1232-5

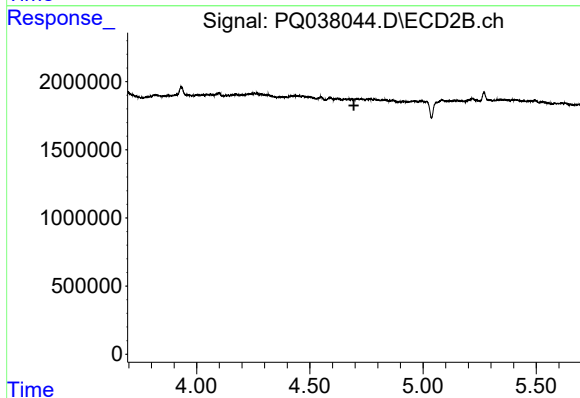
R.T.: 0.000 min  
Exp R.T. : 5.133 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

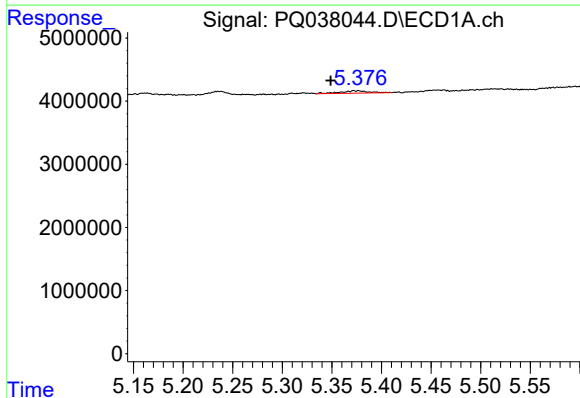
R.T.: 5.377 min  
Delta R.T.: 0.048 min  
Response: 757612  
Conc: 4.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



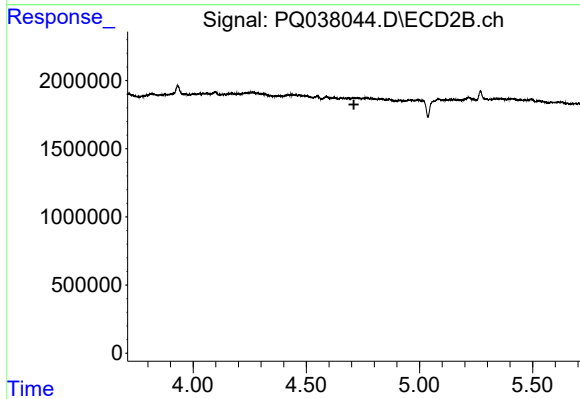
#16 AR-1242-1

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



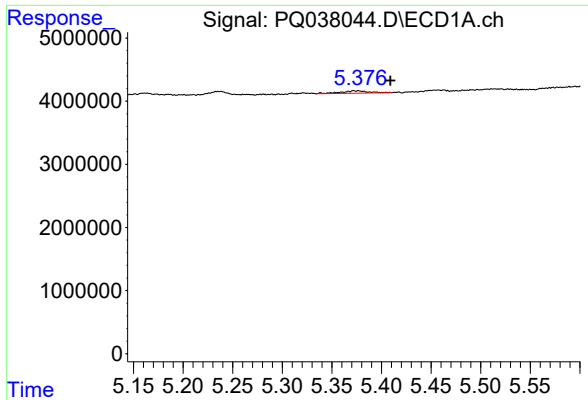
#17 AR-1242-2

R.T.: 5.377 min  
Delta R.T.: 0.028 min  
Response: 757612  
Conc: 2.97 ng/ml



#17 AR-1242-2

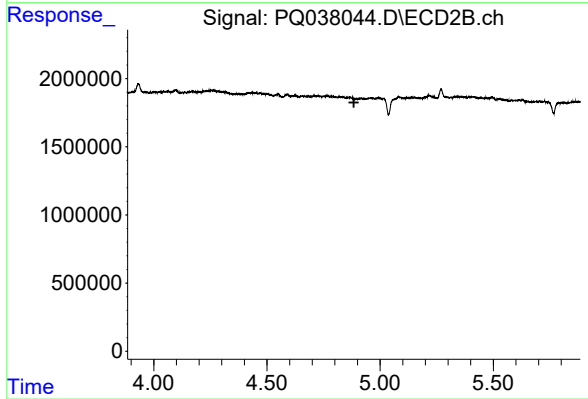
R.T.: 0.000 min  
Exp R.T. : 4.710 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

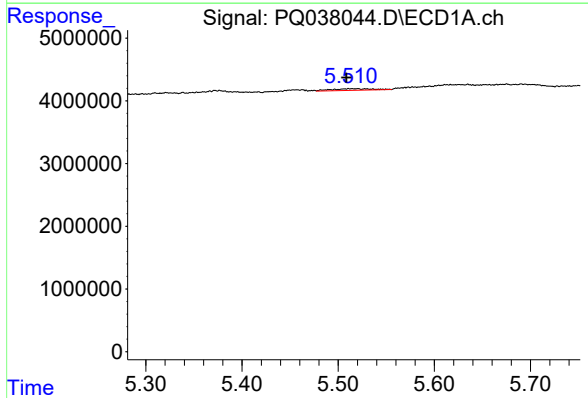
R.T.: 5.377 min  
Delta R.T.: -0.032 min  
Response: 757612  
Conc: 5.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



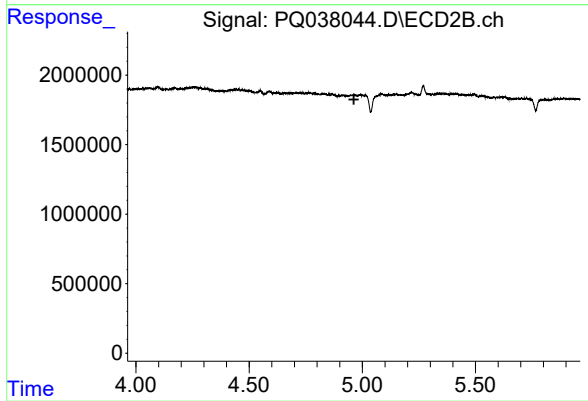
#18 AR-1242-3

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



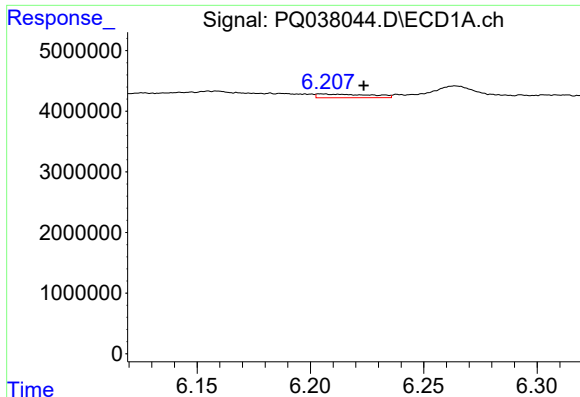
#19 AR-1242-4

R.T.: 5.520 min  
Delta R.T.: 0.012 min  
Response: 751904  
Conc: 6.14 ng/ml



#19 AR-1242-4

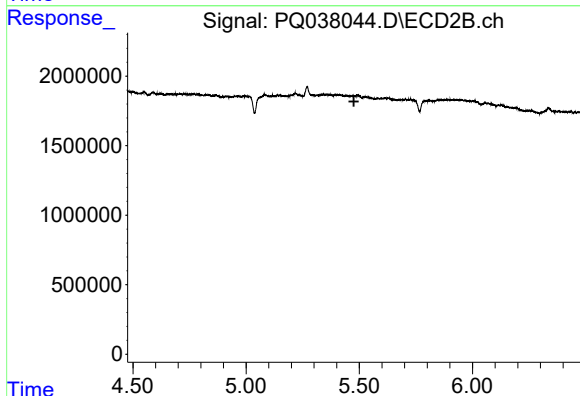
R.T.: 0.000 min  
Exp R.T. : 4.963 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

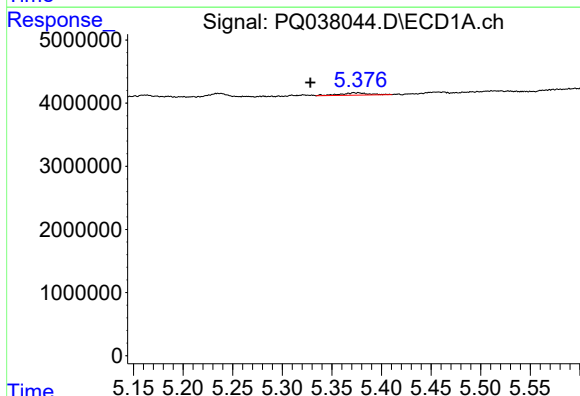
R.T.: 6.205 min  
Delta R.T.: -0.018 min  
Response: 1005003  
Conc: 7.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



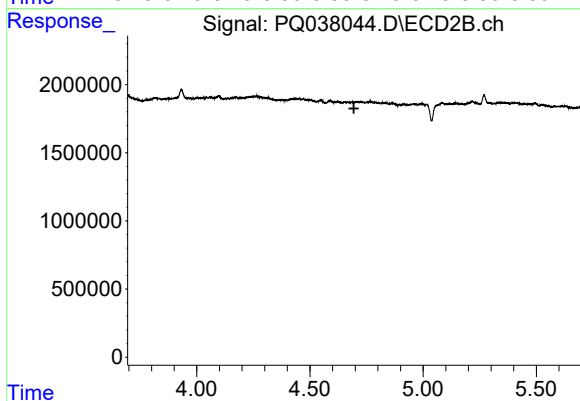
#20 AR-1242-5

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



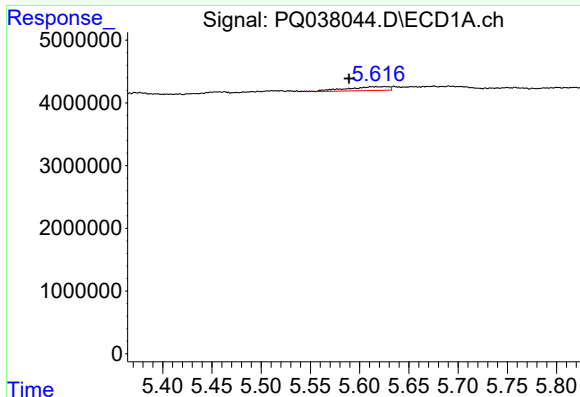
#21 AR-1248-1

R.T.: 5.377 min  
Delta R.T.: 0.049 min  
Response: 757612  
Conc: 4.78 ng/ml



#21 AR-1248-1

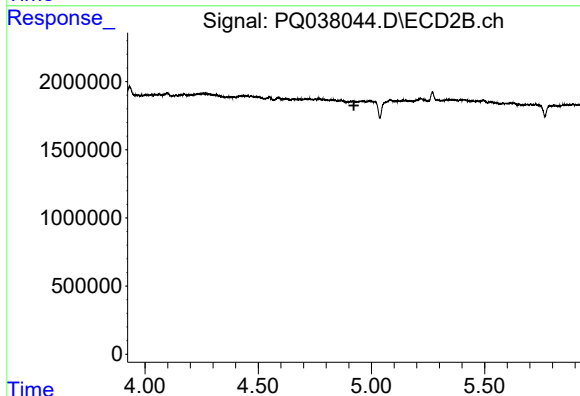
R.T.: 0.000 min  
Exp R.T. : 4.694 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

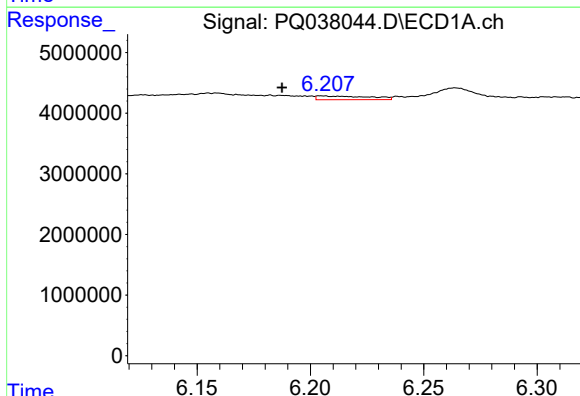
R.T.: 5.626 min  
Delta R.T.: 0.037 min  
Response: 1814748  
Conc: 8.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



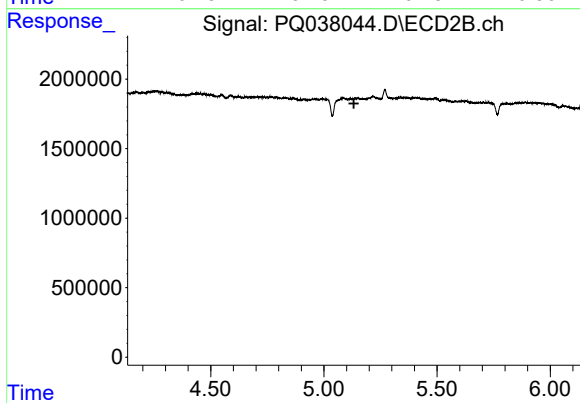
#22 AR-1248-2

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



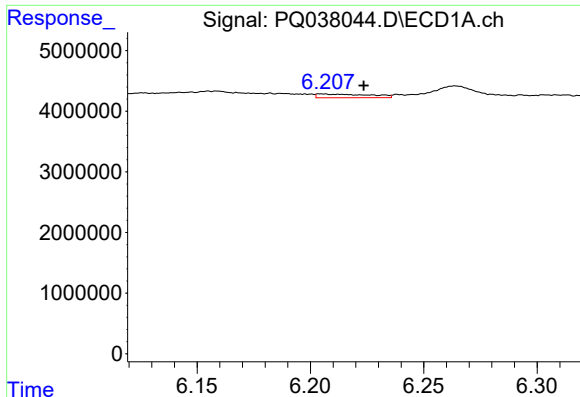
#24 AR-1248-4

R.T.: 6.205 min  
Delta R.T.: 0.018 min  
Response: 1005003  
Conc: 3.59 ng/ml



#24 AR-1248-4

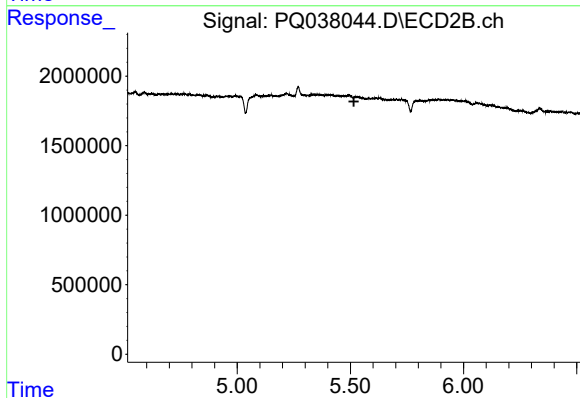
R.T.: 0.000 min  
Exp R.T. : 5.133 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

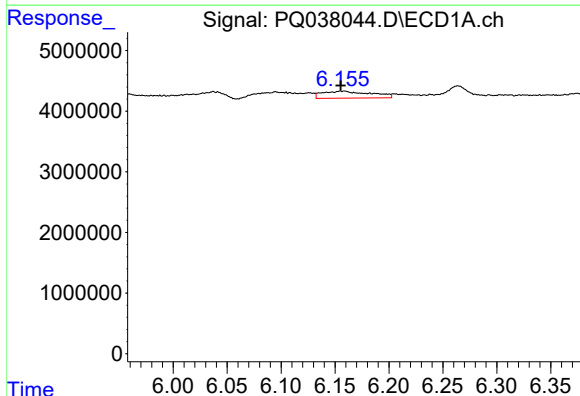
R.T.: 6.205 min  
Delta R.T.: -0.018 min  
Response: 1005003  
Conc: 3.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



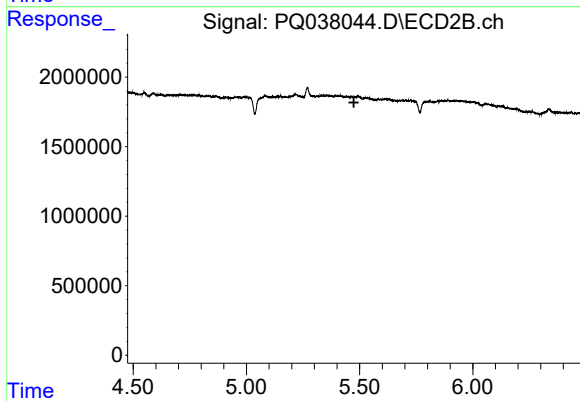
#25 AR-1248-5

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



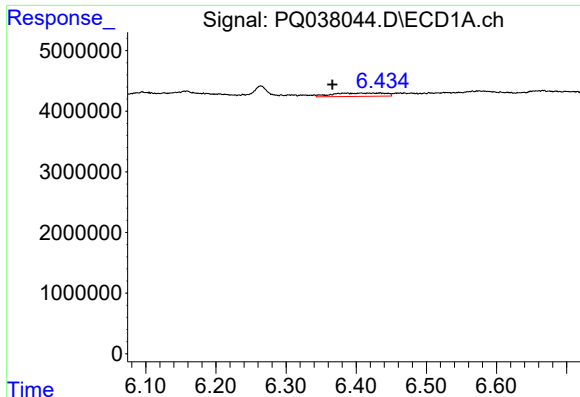
#26 AR-1254-1

R.T.: 6.158 min  
Delta R.T.: 0.003 min  
Response: 3628494  
Conc: 18.47 ng/ml



#26 AR-1254-1

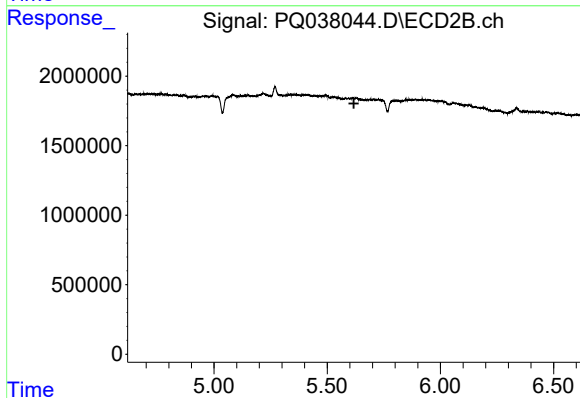
R.T.: 0.000 min  
Exp R.T. : 5.475 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

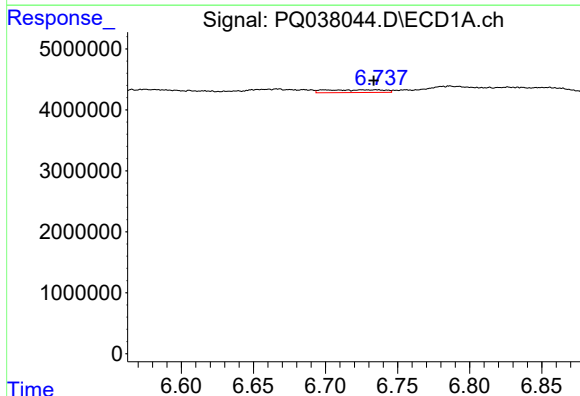
R.T.: 6.434 min  
Delta R.T.: 0.068 min  
Response: 2892702  
Conc: 9.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



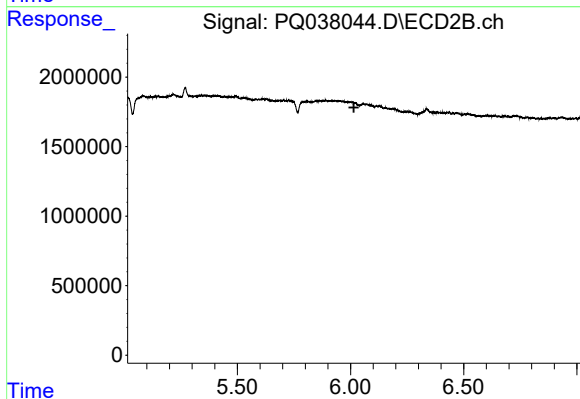
#27 AR-1254-2

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



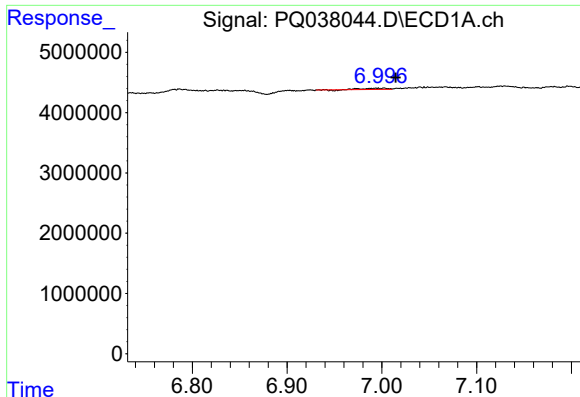
#28 AR-1254-3

R.T.: 6.734 min  
Delta R.T.: 0.000 min  
Response: 1279171  
Conc: 4.11 ng/ml



#28 AR-1254-3

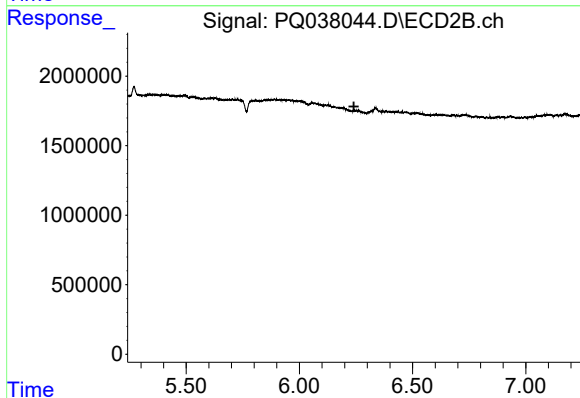
R.T.: 0.000 min  
Exp R.T. : 6.015 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

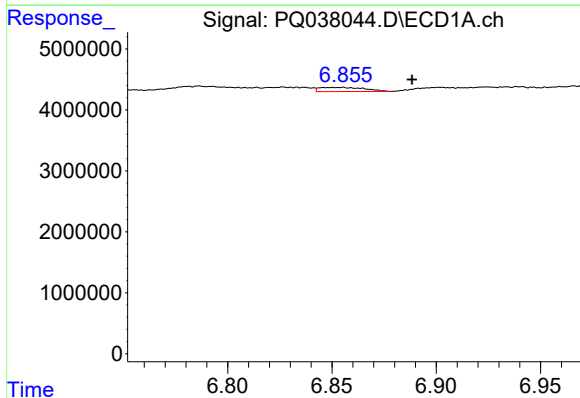
R.T.: 7.002 min  
Delta R.T.: -0.013 min  
Response: 323915  
Conc: 1.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



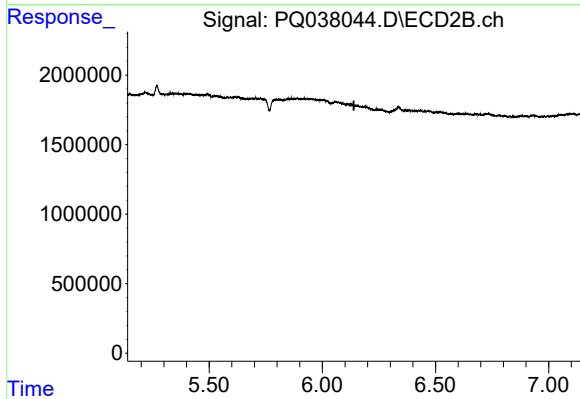
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.241 min  
Response: 0  
Conc: N.D.



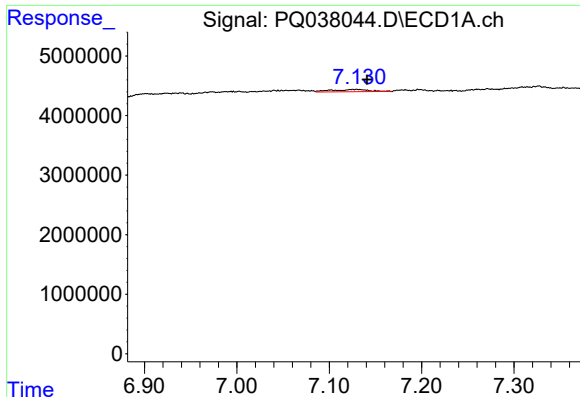
#31 AR-1260-1

R.T.: 6.852 min  
Delta R.T.: -0.037 min  
Response: 1033670  
Conc: 3.99 ng/ml



#31 AR-1260-1

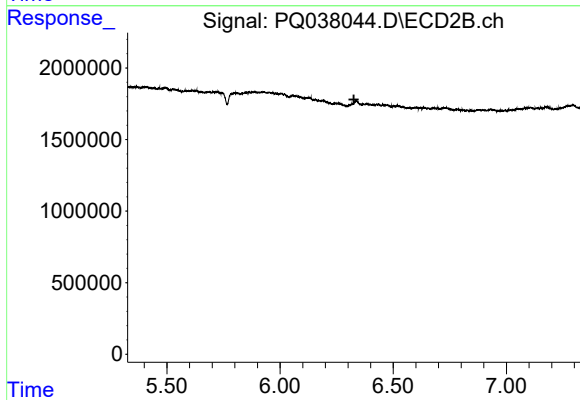
R.T.: 0.000 min  
Exp R.T. : 6.139 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

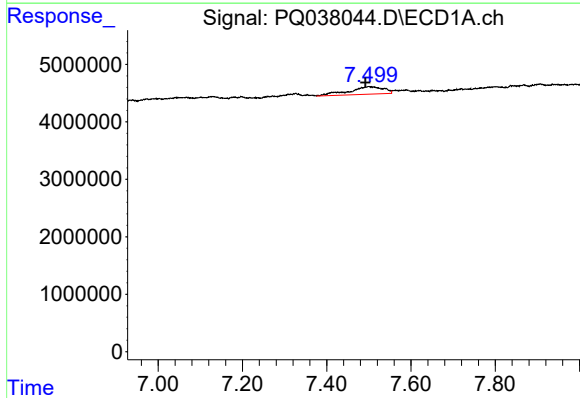
R.T.: 7.129 min  
Delta R.T.: -0.012 min  
Response: 1095861  
Conc: 3.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



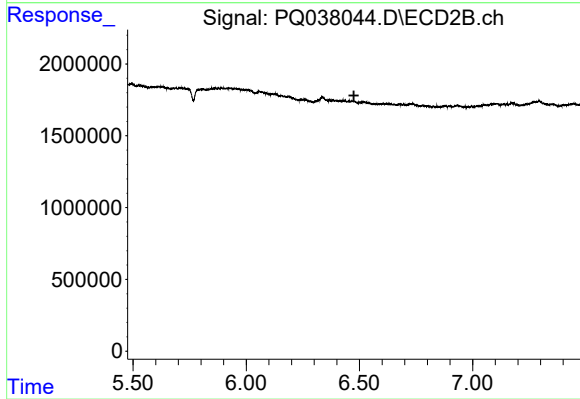
#32 AR-1260-2

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



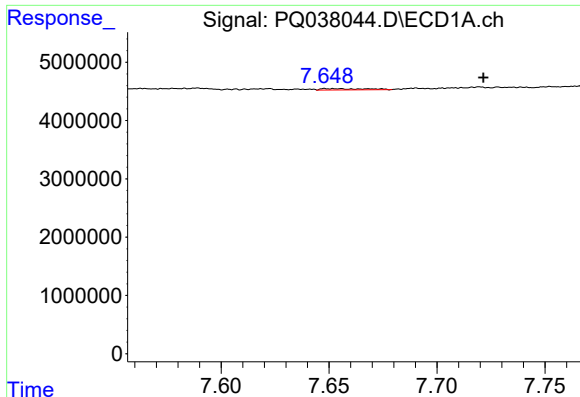
#33 AR-1260-3

R.T.: 7.501 min  
Delta R.T.: 0.009 min  
Response: 7410087  
Conc: 26.13 ng/ml



#33 AR-1260-3

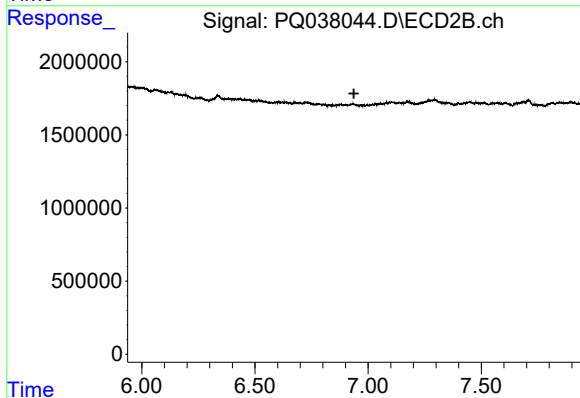
R.T.: 0.000 min  
Exp R.T. : 6.475 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

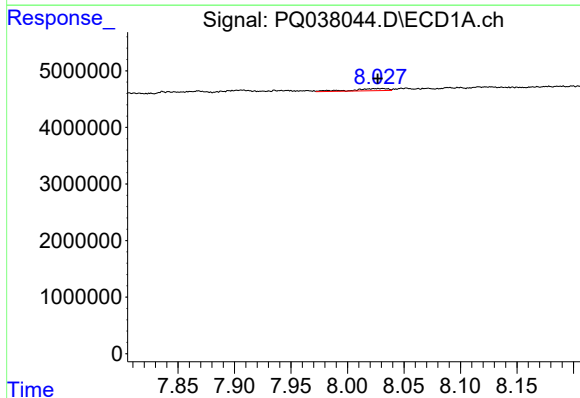
R.T.: 7.652 min  
Delta R.T.: -0.069 min  
Response: 307997  
Conc: 1.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



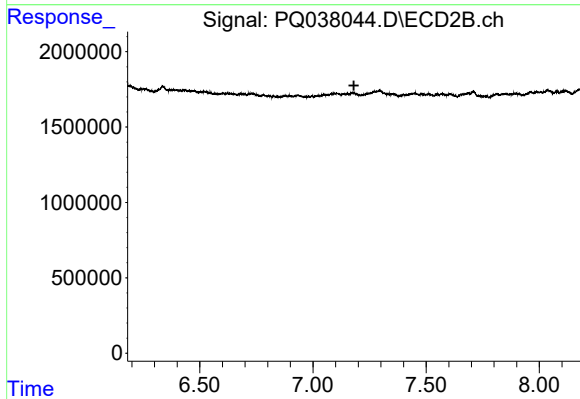
#34 AR-1260-4

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



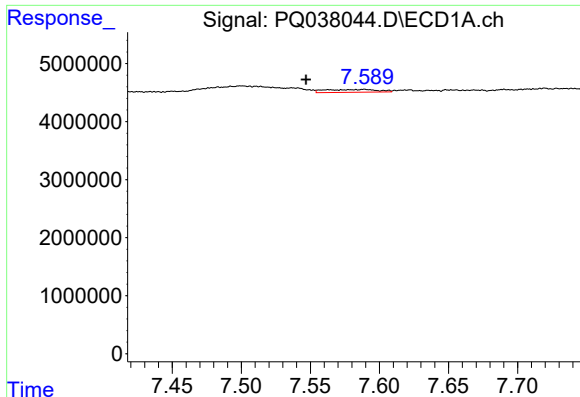
#35 AR-1260-5

R.T.: 8.028 min  
Delta R.T.: 0.001 min  
Response: 839906  
Conc: 1.33 ng/ml



#35 AR-1260-5

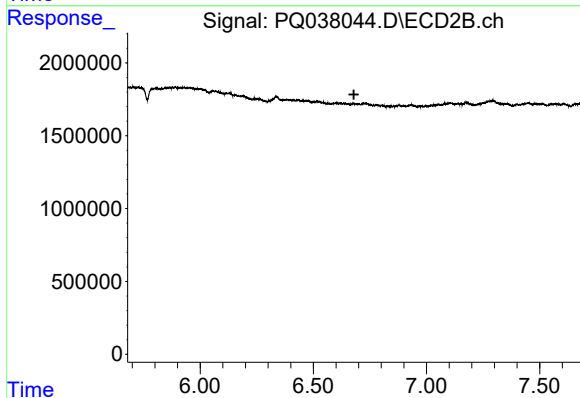
R.T.: 0.000 min  
Exp R.T. : 7.181 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

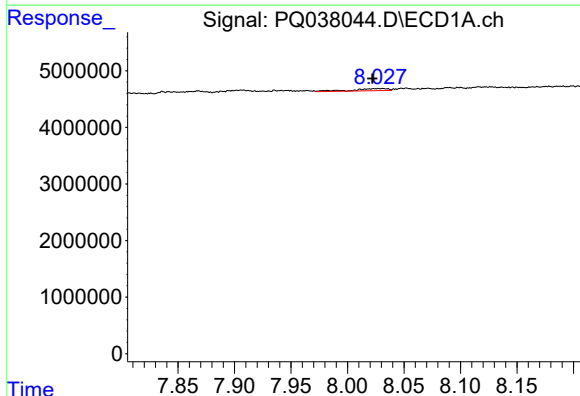
R.T.: 7.589 min  
Delta R.T.: 0.042 min  
Response: 1310680  
Conc: 8.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



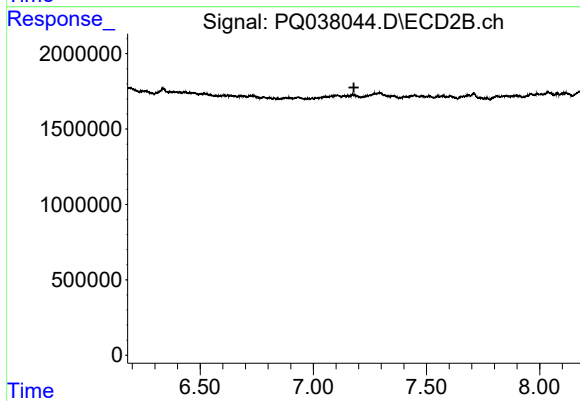
#36 AR-1262-1

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



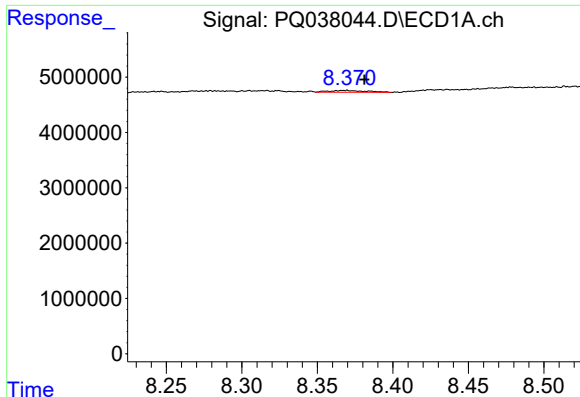
#37 AR-1262-2

R.T.: 8.028 min  
Delta R.T.: 0.006 min  
Response: 839906  
Conc: 1.20 ng/ml



#37 AR-1262-2

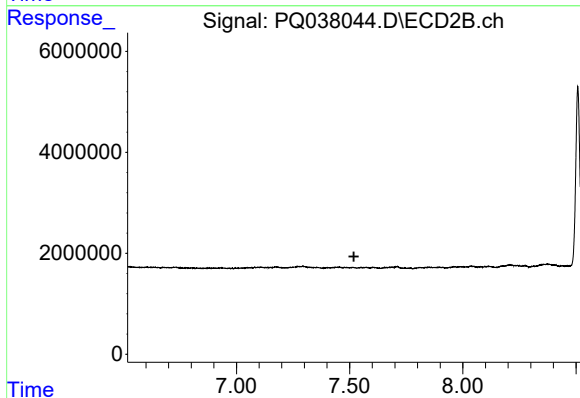
R.T.: 0.000 min  
Exp R.T. : 7.179 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

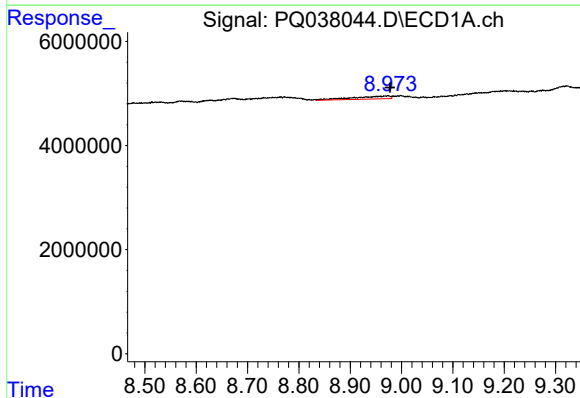
R.T.: 8.368 min  
Delta R.T.: -0.013 min  
Response: 573988  
Conc: 1.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



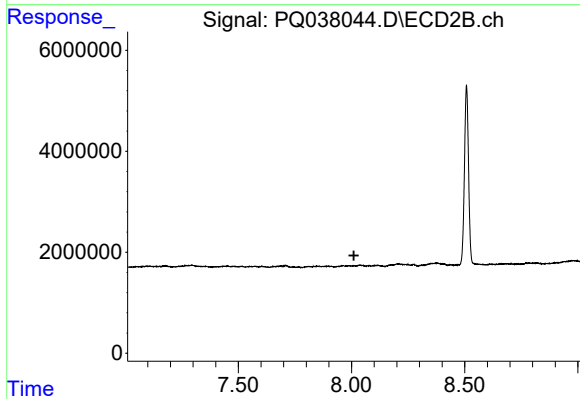
#39 AR-1262-4

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



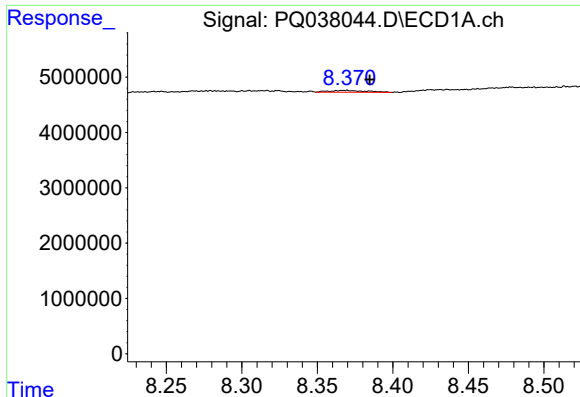
#40 AR-1262-5

R.T.: 8.973 min  
Delta R.T.: -0.005 min  
Response: 2806179  
Conc: 11.74 ng/ml



#40 AR-1262-5

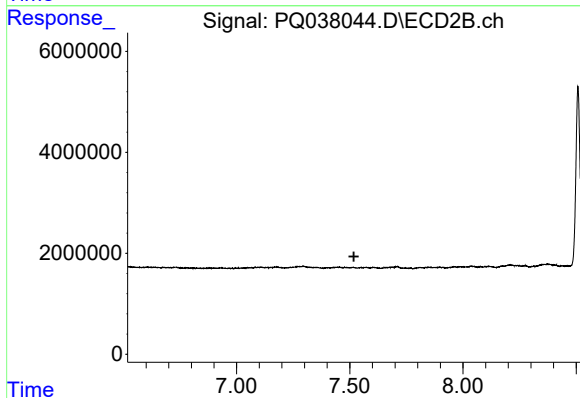
R.T.: 0.000 min  
Exp R.T. : 8.011 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

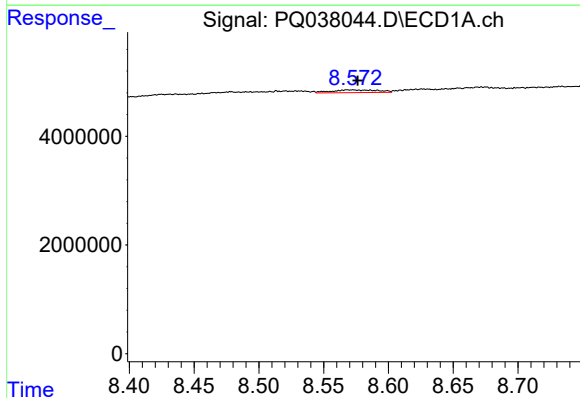
R.T.: 8.368 min  
Delta R.T.: -0.017 min  
Response: 573988  
Conc: 0.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



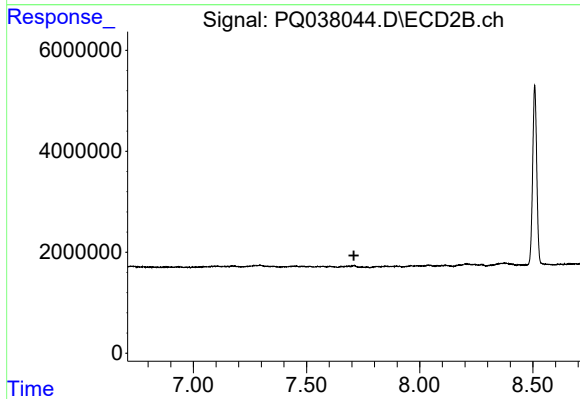
#42 AR-1268-2

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



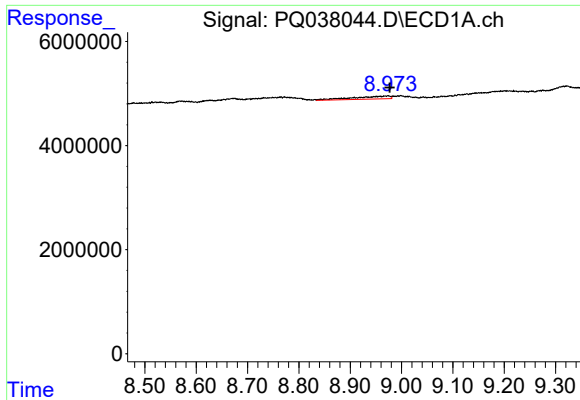
#43 AR-1268-3

R.T.: 8.570 min  
Delta R.T.: -0.006 min  
Response: 1233541  
Conc: 1.88 ng/ml



#43 AR-1268-3

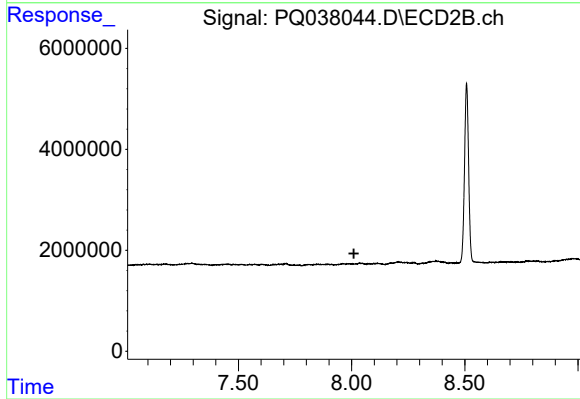
R.T.: 0.000 min  
Exp R.T. : 7.709 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

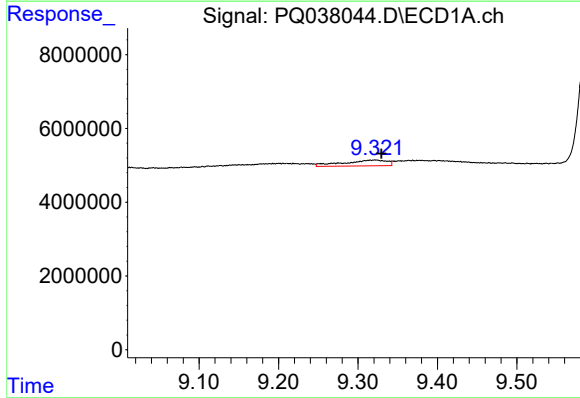
R.T.: 8.973 min  
Delta R.T.: -0.005 min  
Response: 2806179  
Conc: 10.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



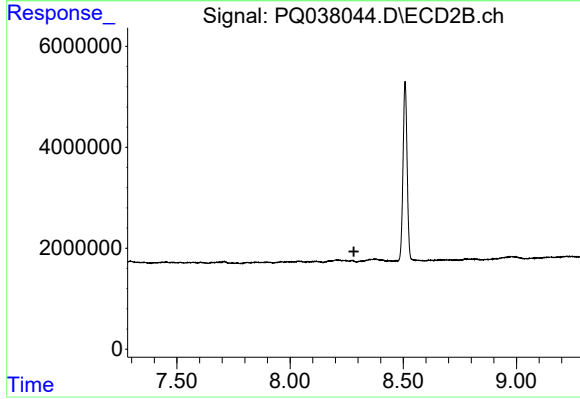
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.321 min  
Delta R.T.: -0.009 min  
Response: 5996514  
Conc: 3.07 ng/ml



#45 AR-1268-5

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