

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032819\  
 Data File : PQ038498.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2019 18:31  
 Operator : SM\SJ  
 Sample : K2122-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 BF5B1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 00:51:00 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ032419CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 25 05:45:22 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 4.720  | 3.998 | 62801835 | 28603568 | 15.238  | 16.948    |
| 2)                          | SA Decachlor... | 10.669 | 9.127 | 150.9E6  | 68152529 | 27.741  | 28.806    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.959  | 5.179 | 1483256  | 2510547  | 6.211   | 23.498 #  |
| 4)                          | L1 AR-1016-2    | 5.959  | 5.179 | 1483256  | 2510547  | 4.086   | 16.206 #  |
| 5)                          | L1 AR-1016-3    | 5.959  | 5.330 | 1483256  | 454611   | 6.664   | 5.670     |
| 6)                          | L1 AR-1016-4    | 6.066  | 5.330 | 2865644  | 454611   | 15.544  | 7.160 #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.645 | 0        | 6218525  | N.D.    | 70.997 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.308 | 0        | 1797152  | N.D.    | 107.953 # |
| 10)                         | L2 AR-1221-3    | 5.125  | 4.417 | 1674846  | 2423782  | 12.844  | 42.607 #  |
| 11)                         | L3 AR-1232-1    | 5.125  | 4.417 | 1674846  | 2423782  | 17.422  | 59.284 #  |
| 12)                         | L3 AR-1232-2    | 5.619  | 5.179 | 12500424 | 2510547  | 241.318 | 56.252 #  |
| 13)                         | L3 AR-1232-3    | 5.959  | 5.330 | 1483256  | 454611   | 13.976  | 18.894 #  |
| 14)                         | L3 AR-1232-4    | 6.066  | 5.411 | 2865644  | 2122217  | 54.078  | 93.963 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.645 | 0        | 6218525  | N.D.    | 256.917 # |
| 16)                         | L4 AR-1242-1    | 5.959  | 5.179 | 1483256  | 2510547  | 9.691   | 35.654 #  |
| 17)                         | L4 AR-1242-2    | 5.959  | 5.179 | 1483256  | 2510547  | 6.492   | 24.917 #  |
| 18)                         | L4 AR-1242-3    | 5.959  | 5.330 | 1483256  | 454611   | 10.334  | 8.492     |
| 19)                         | L4 AR-1242-4    | 6.066  | 5.411 | 2865644  | 2122217  | 24.845  | 39.098 #  |
| 20)                         | L4 AR-1242-5    | 6.877  | 5.928 | 3612859  | 7268247  | 27.199  | 98.876 #  |
| 21)                         | L5 AR-1248-1    | 5.959  | 5.179 | 1483256  | 2510547  | 13.786  | 50.030 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.330 | 0        | 454611   | N.D.    | 6.380 #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.411 | 0        | 2122217  | N.D.    | 28.971 #  |
| 24)                         | L5 AR-1248-4    | 6.778  | 5.527 | 16346867 | 1787418  | 77.969  | 19.767 #  |
| 25)                         | L5 AR-1248-5    | 6.877  | 5.994 | 3612859  | 793883   | 17.926  | 8.849 #   |
| 26)                         | L6 AR-1254-1    | 6.778  | 5.928 | 16346867 | 7268247  | 68.074  | 45.206 #  |
| 27)                         | L6 AR-1254-2    | 6.999  | 6.128 | 9653124  | 20701967 | 25.595  | 148.162 # |
| 28)                         | L6 AR-1254-3    | 7.364  | 6.539 | 1772889  | 690746   | 4.367   | 2.873 #   |
| 29)                         | L6 AR-1254-4    | 7.620  | 6.727 | 1130124  | 989783   | 4.015   | 6.387 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.590 | 0        | 1843704  | N.D.    | 9.018 #   |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.830 | 0        | 851105   | N.D.    | 3.323 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.463 | 0        | 521621   | N.D.    | 2.635 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.629 | 0        | 823024   | N.D.    | 1.674 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.225 | 0        | 1051460  | N.D.    | 4.883 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.629 | 0        | 823024   | N.D.    | 2.113 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.982 | 0        | 1412130  | N.D.    | 9.485 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.039 | 0        | 236747   | N.D.    | 0.831 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.982 | 0        | 1412130  | N.D.    | 1.763 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.039 | 0        | 236747   | N.D.    | 0.326 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.218 | 0        | 1005629  | N.D.    | 1.598 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.843 | 0        | 519787   | N.D.    | 0.270 #   |
| -----                       |                 |        |       |          |          |         |           |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032819\  
Data File : PQ038498.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2019 18:31  
Operator : SM\SJ  
Sample : K2122-02  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 00:51:00 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ032419CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 25 05:45:22 2019  
Response via : Initial Calibration  
Integrator: ChemStation

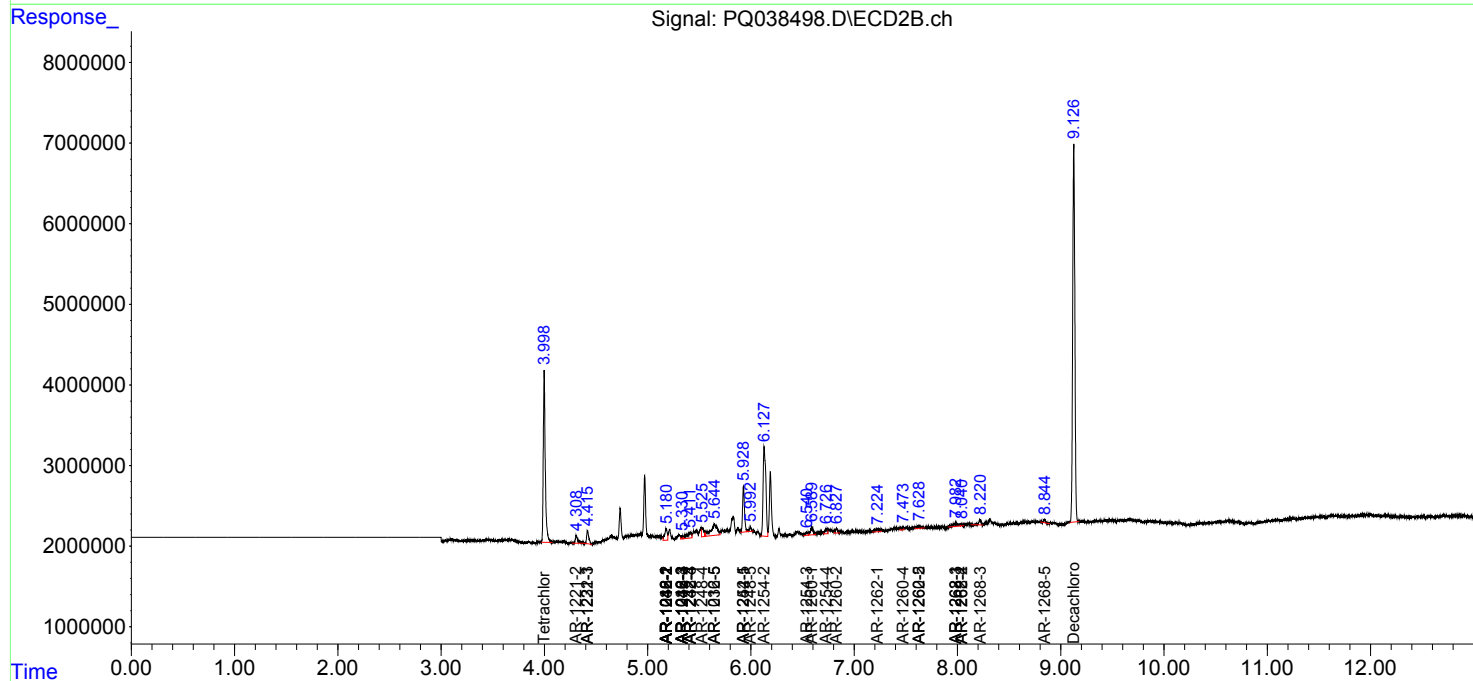
Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

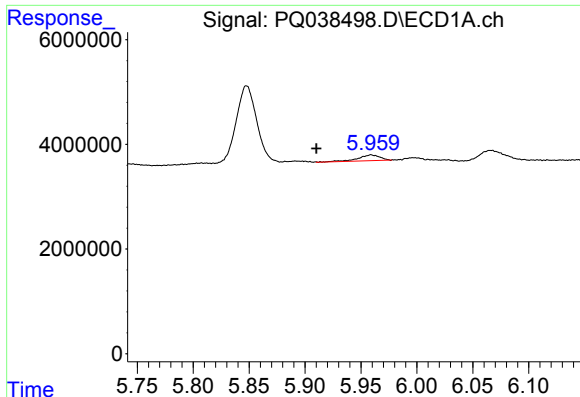
| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

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

**Instrument :**  
ECD\_Q  
**ClientSampleId :**  
BF5B1

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

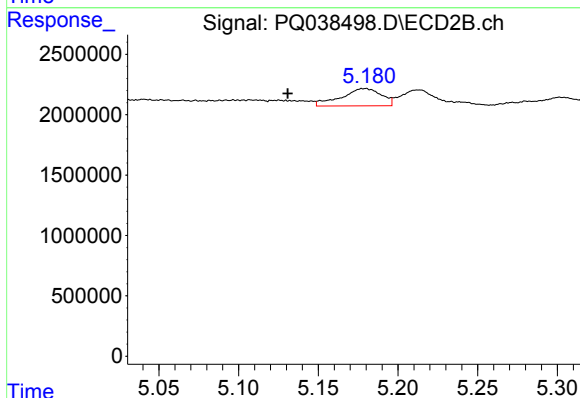




#3 AR-1016-1

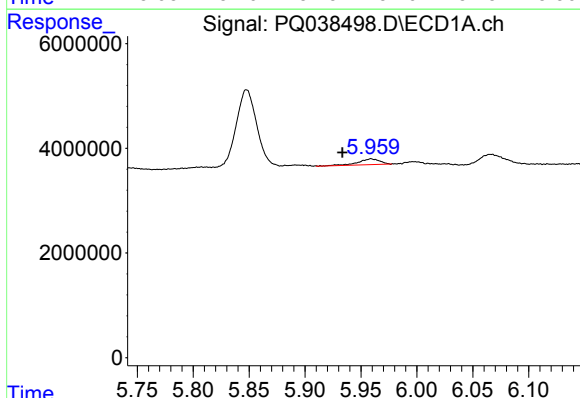
R.T.: 5.959 min  
Delta R.T.: 0.049 min  
Response: 1483256  
Conc: 6.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



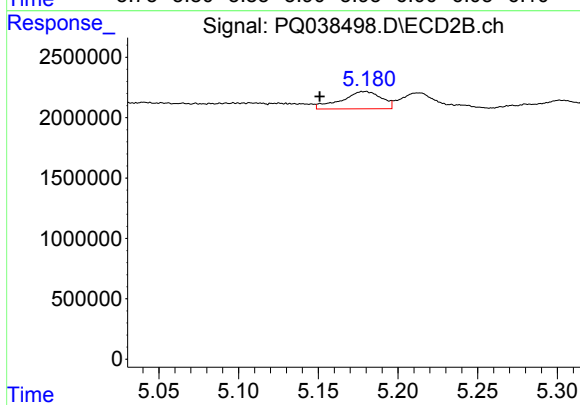
#3 AR-1016-1

R.T.: 5.179 min  
Delta R.T.: 0.048 min  
Response: 2510547  
Conc: 23.50 ng/ml



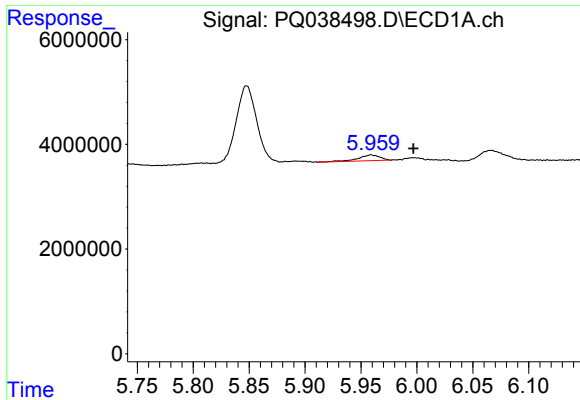
#4 AR-1016-2

R.T.: 5.959 min  
Delta R.T.: 0.026 min  
Response: 1483256  
Conc: 4.09 ng/ml



#4 AR-1016-2

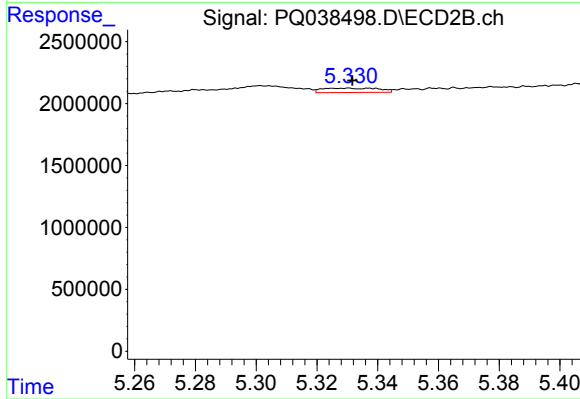
R.T.: 5.179 min  
Delta R.T.: 0.028 min  
Response: 2510547  
Conc: 16.21 ng/ml



#5 AR-1016-3

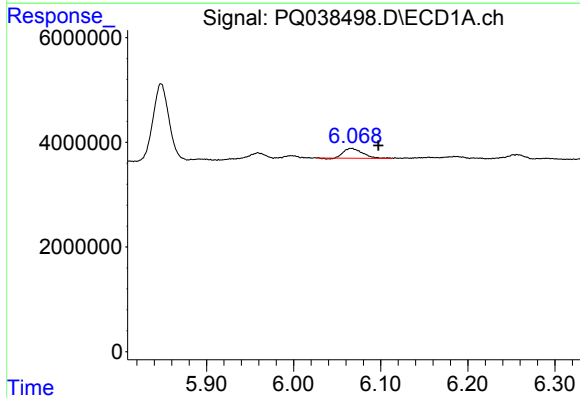
R.T.: 5.959 min  
Delta R.T.: -0.038 min  
Response: 1483256  
Conc: 6.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



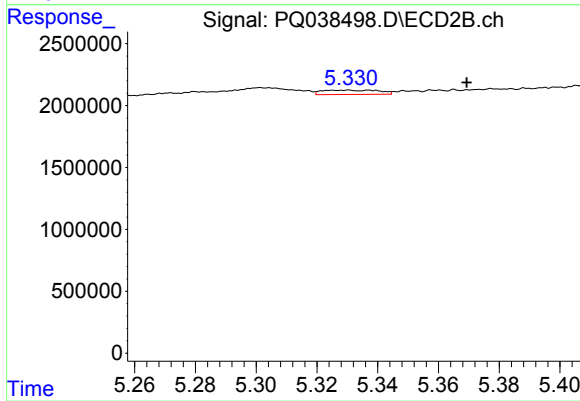
#5 AR-1016-3

R.T.: 5.330 min  
Delta R.T.: -0.002 min  
Response: 454611  
Conc: 5.67 ng/ml



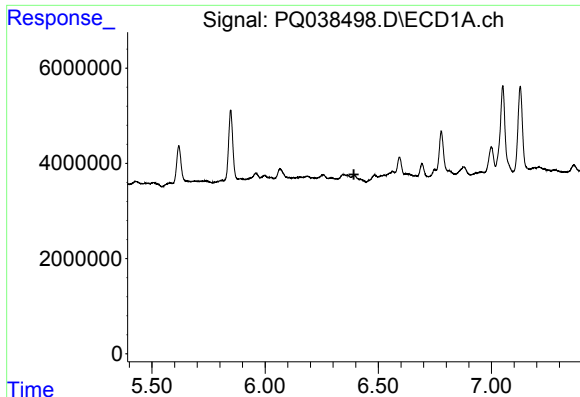
#6 AR-1016-4

R.T.: 6.066 min  
Delta R.T.: -0.031 min  
Response: 2865644  
Conc: 15.54 ng/ml



#6 AR-1016-4

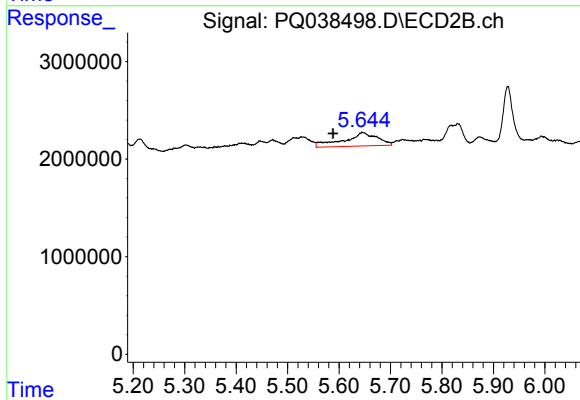
R.T.: 5.330 min  
Delta R.T.: -0.039 min  
Response: 454611  
Conc: 7.16 ng/ml



#7 AR-1016-5

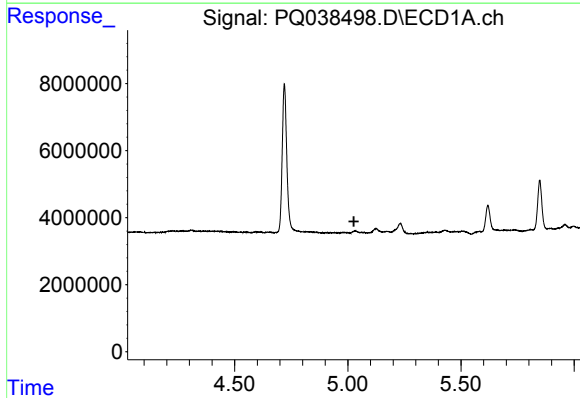
R.T.: 0.000 min  
Exp R.T.: 6.392 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



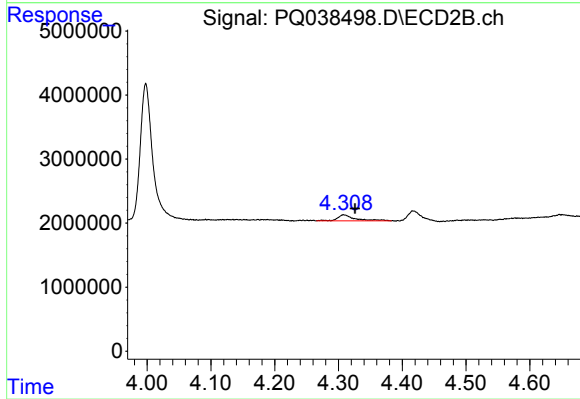
#7 AR-1016-5

R.T.: 5.645 min  
Delta R.T.: 0.056 min  
Response: 6218525  
Conc: 71.00 ng/ml



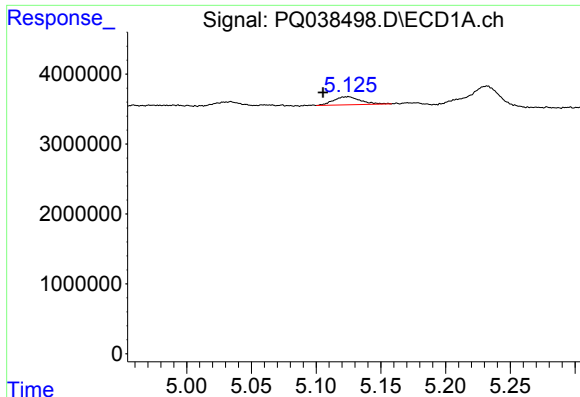
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

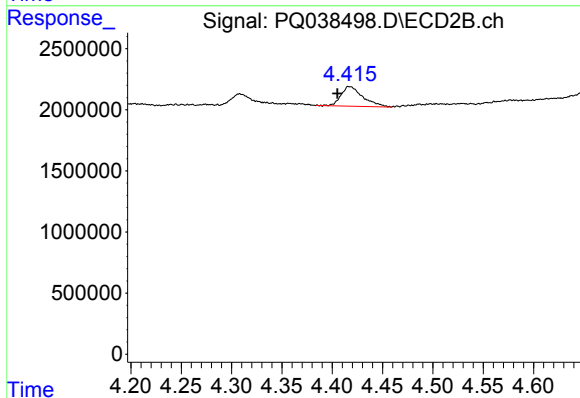
R.T.: 4.308 min  
Delta R.T.: -0.018 min  
Response: 1797152  
Conc: 107.95 ng/ml



#10 AR-1221-3

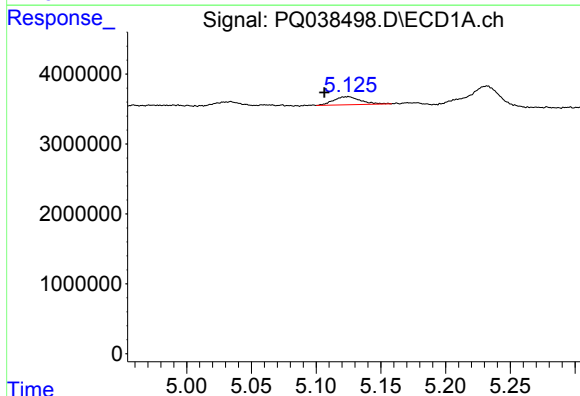
R.T.: 5.125 min  
Delta R.T.: 0.019 min  
Response: 1674846  
Conc: 12.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



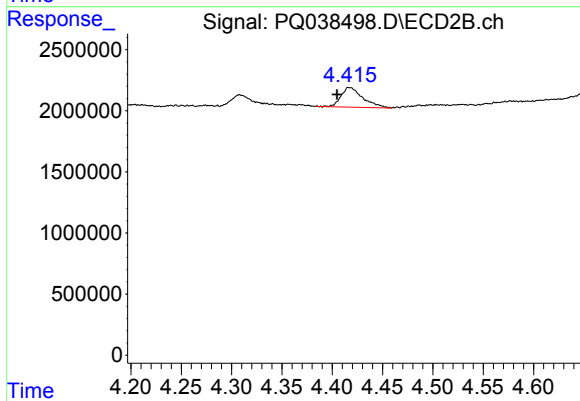
#10 AR-1221-3

R.T.: 4.417 min  
Delta R.T.: 0.012 min  
Response: 2423782  
Conc: 42.61 ng/ml



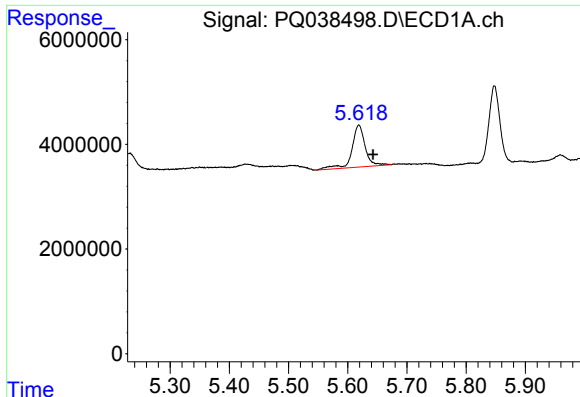
#11 AR-1232-1

R.T.: 5.125 min  
Delta R.T.: 0.018 min  
Response: 1674846  
Conc: 17.42 ng/ml



#11 AR-1232-1

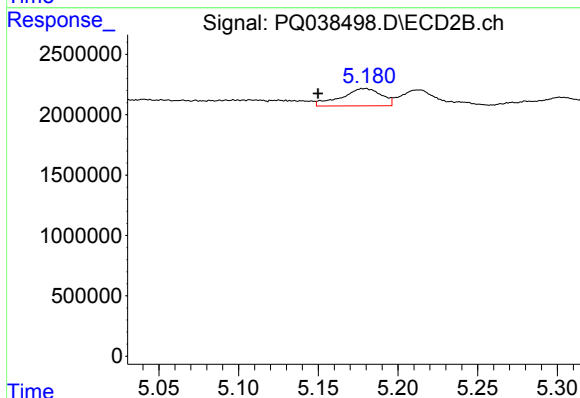
R.T.: 4.417 min  
Delta R.T.: 0.012 min  
Response: 2423782  
Conc: 59.28 ng/ml



#12 AR-1232-2

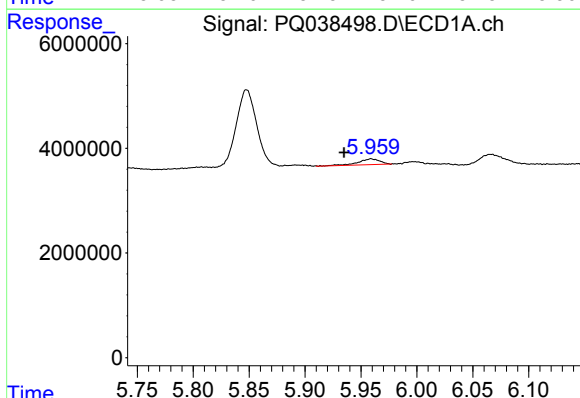
R.T.: 5.619 min  
Delta R.T.: -0.024 min  
Response: 12500424  
Conc: 241.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



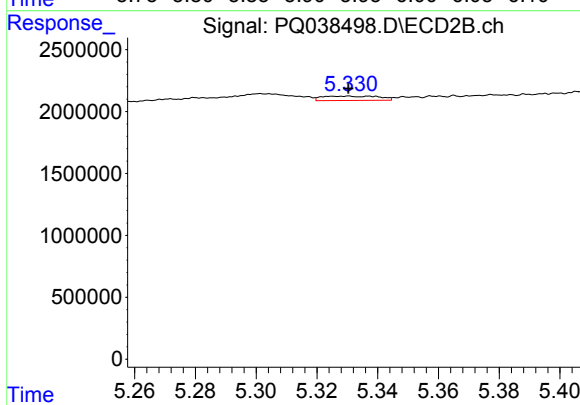
#12 AR-1232-2

R.T.: 5.179 min  
Delta R.T.: 0.029 min  
Response: 2510547  
Conc: 56.25 ng/ml



#13 AR-1232-3

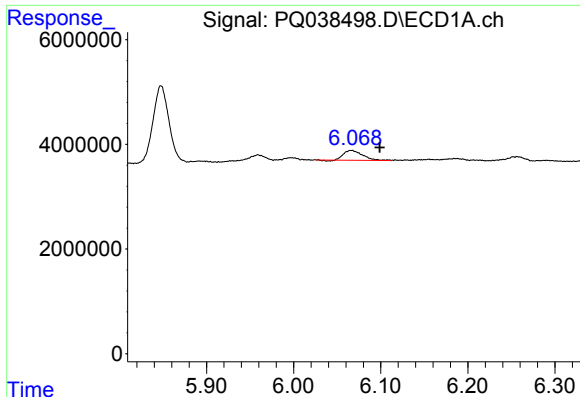
R.T.: 5.959 min  
Delta R.T.: 0.024 min  
Response: 1483256  
Conc: 13.98 ng/ml



#13 AR-1232-3

R.T.: 5.330 min  
Delta R.T.: 0.000 min  
Response: 454611  
Conc: 18.89 ng/ml

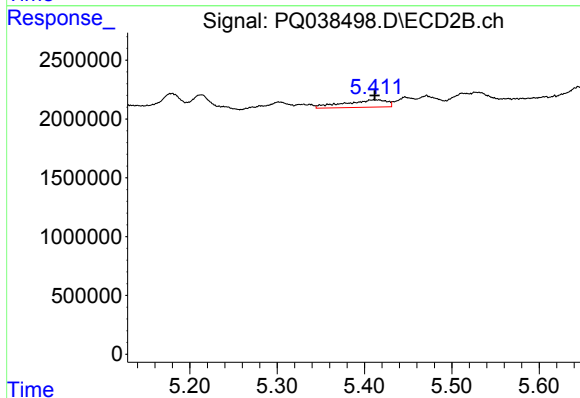




#14 AR-1232-4

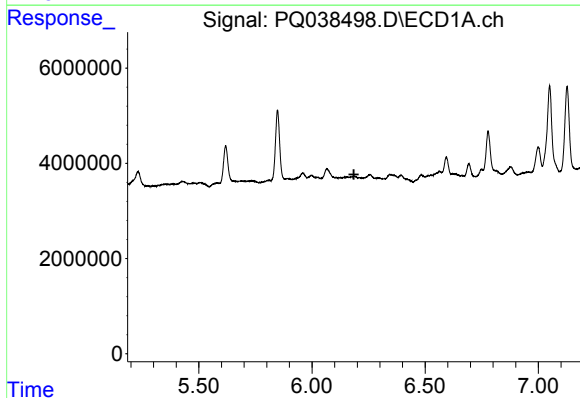
R.T.: 6.066 min  
Delta R.T.: -0.033 min  
Response: 2865644  
Conc: 54.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



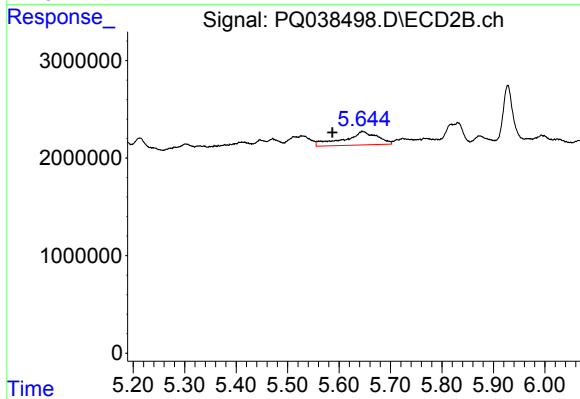
#14 AR-1232-4

R.T.: 5.411 min  
Delta R.T.: 0.000 min  
Response: 2122217  
Conc: 93.96 ng/ml



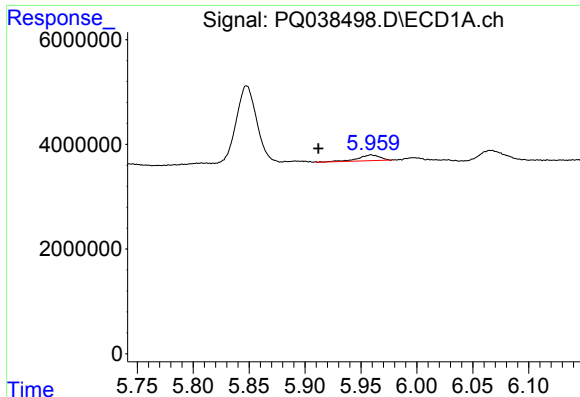
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.185 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

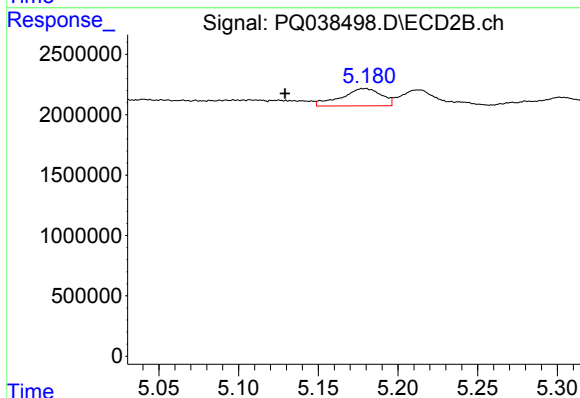
R.T.: 5.645 min  
Delta R.T.: 0.058 min  
Response: 6218525  
Conc: 256.92 ng/ml



#16 AR-1242-1

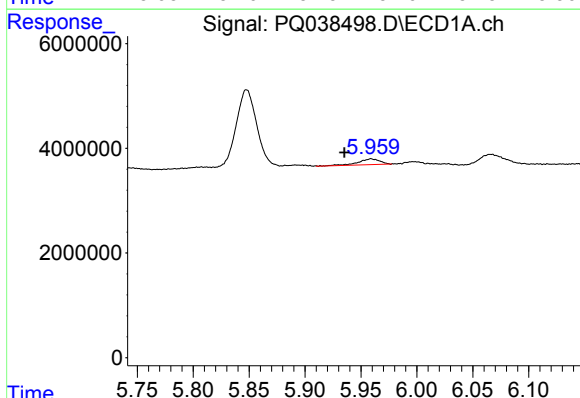
R.T.: 5.959 min  
Delta R.T.: 0.047 min  
Response: 1483256  
Conc: 9.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



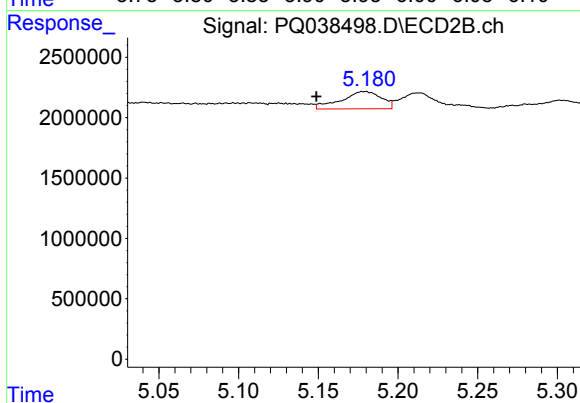
#16 AR-1242-1

R.T.: 5.179 min  
Delta R.T.: 0.050 min  
Response: 2510547  
Conc: 35.65 ng/ml



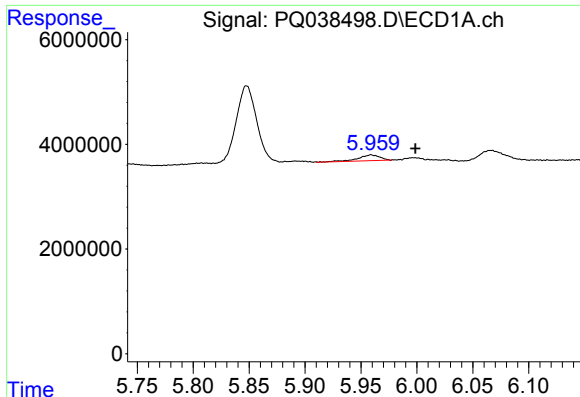
#17 AR-1242-2

R.T.: 5.959 min  
Delta R.T.: 0.024 min  
Response: 1483256  
Conc: 6.49 ng/ml



#17 AR-1242-2

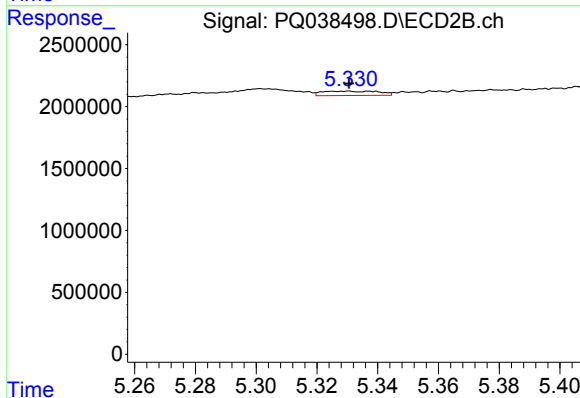
R.T.: 5.179 min  
Delta R.T.: 0.030 min  
Response: 2510547  
Conc: 24.92 ng/ml



#18 AR-1242-3

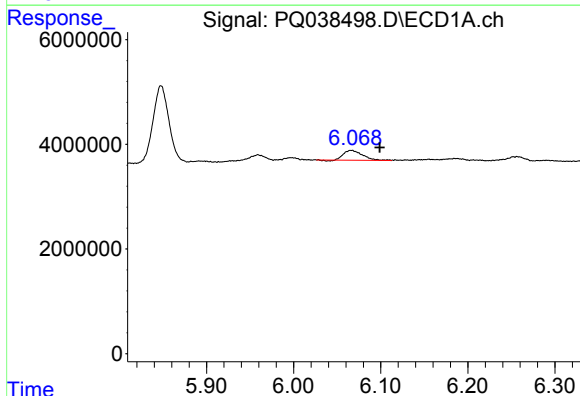
R.T.: 5.959 min  
Delta R.T.: -0.040 min  
Response: 1483256  
Conc: 10.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



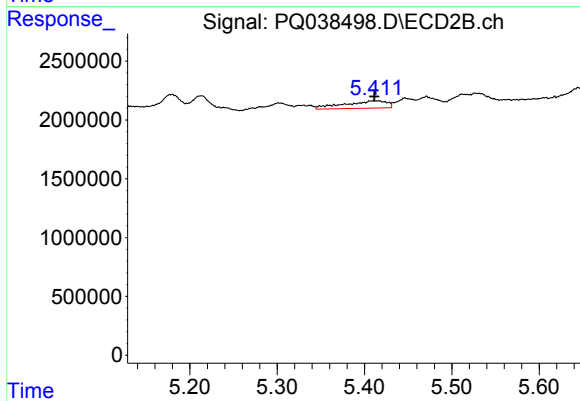
#18 AR-1242-3

R.T.: 5.330 min  
Delta R.T.: 0.000 min  
Response: 454611  
Conc: 8.49 ng/ml



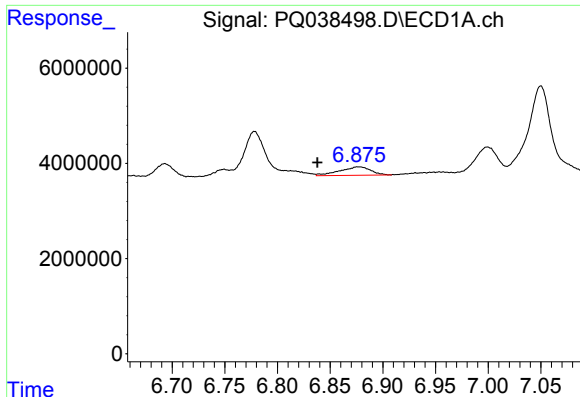
#19 AR-1242-4

R.T.: 6.066 min  
Delta R.T.: -0.032 min  
Response: 2865644  
Conc: 24.84 ng/ml



#19 AR-1242-4

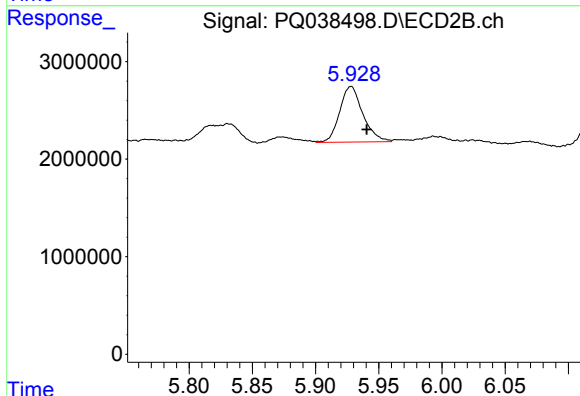
R.T.: 5.411 min  
Delta R.T.: 0.000 min  
Response: 2122217  
Conc: 39.10 ng/ml



#20 AR-1242-5

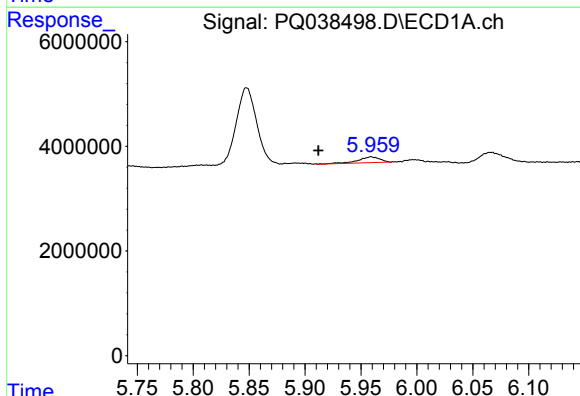
R.T.: 6.877 min  
Delta R.T.: 0.039 min  
Response: 3612859  
Conc: 27.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



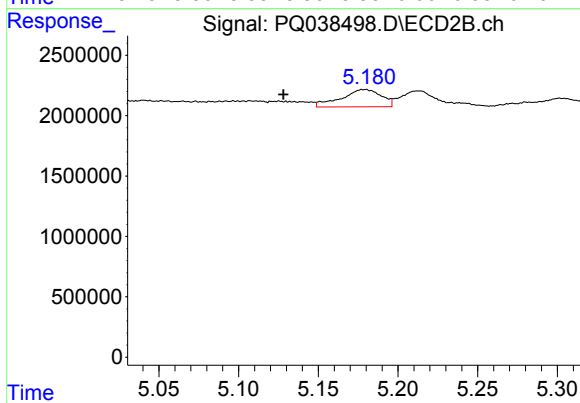
#20 AR-1242-5

R.T.: 5.928 min  
Delta R.T.: -0.012 min  
Response: 7268247  
Conc: 98.88 ng/ml



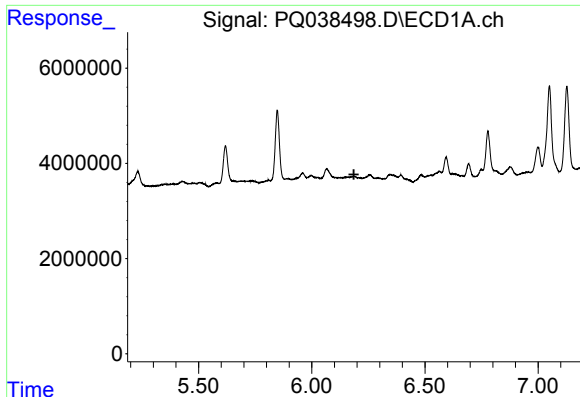
#21 AR-1248-1

R.T.: 5.959 min  
Delta R.T.: 0.047 min  
Response: 1483256  
Conc: 13.79 ng/ml



#21 AR-1248-1

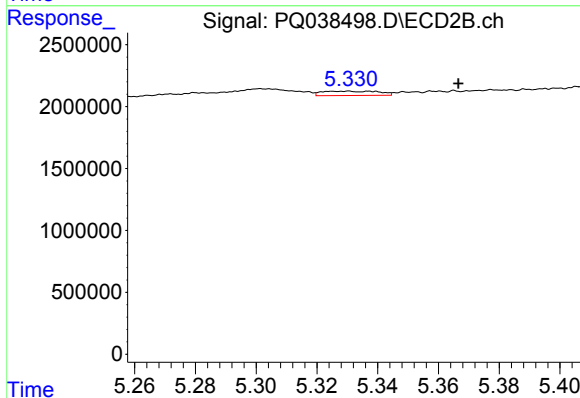
R.T.: 5.179 min  
Delta R.T.: 0.051 min  
Response: 2510547  
Conc: 50.03 ng/ml



#22 AR-1248-2

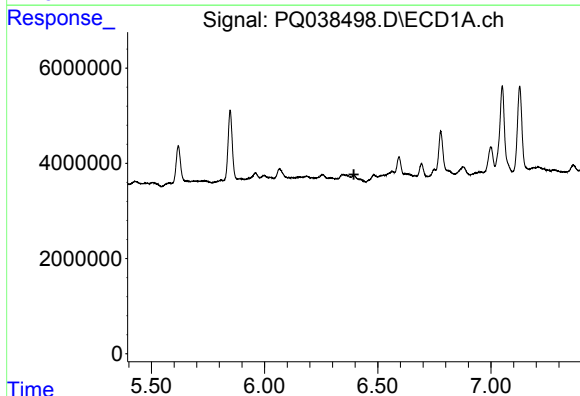
R.T.: 0.000 min  
Exp R.T.: 6.186 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



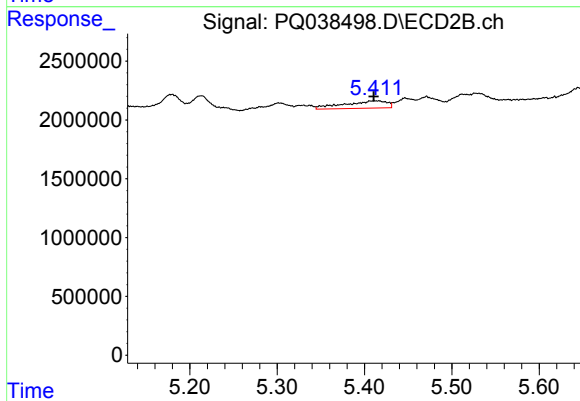
#22 AR-1248-2

R.T.: 5.330 min  
Delta R.T.: -0.037 min  
Response: 454611  
Conc: 6.38 ng/ml



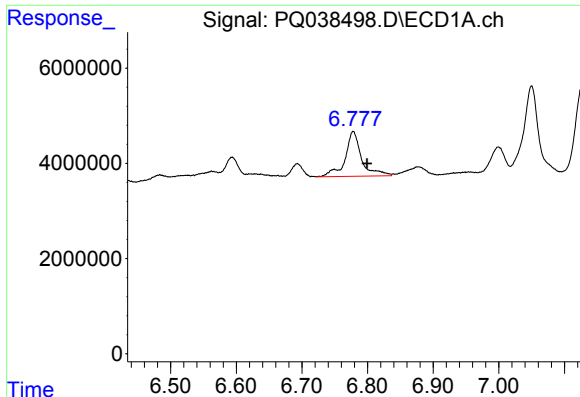
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.395 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

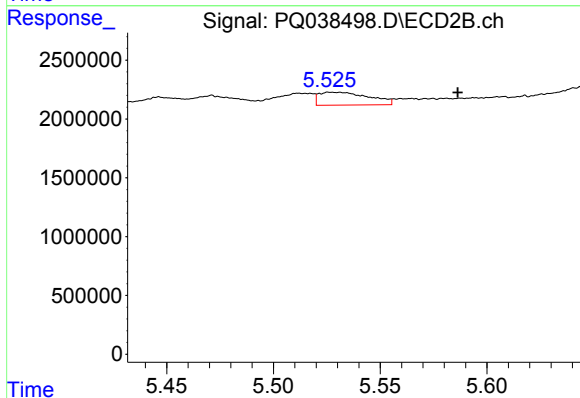
R.T.: 5.411 min  
Delta R.T.: 0.000 min  
Response: 2122217  
Conc: 28.97 ng/ml



#24 AR-1248-4

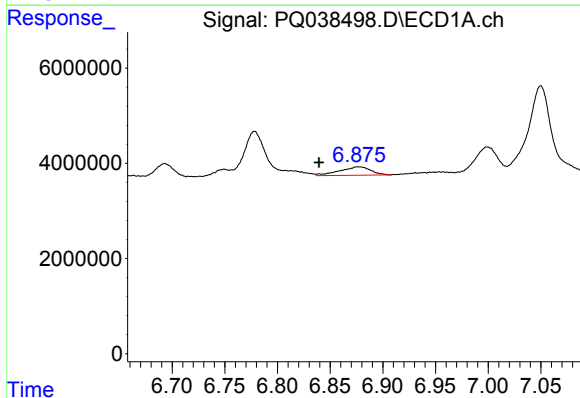
R.T.: 6.778 min  
Delta R.T.: -0.021 min  
Response: 16346867  
Conc: 77.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



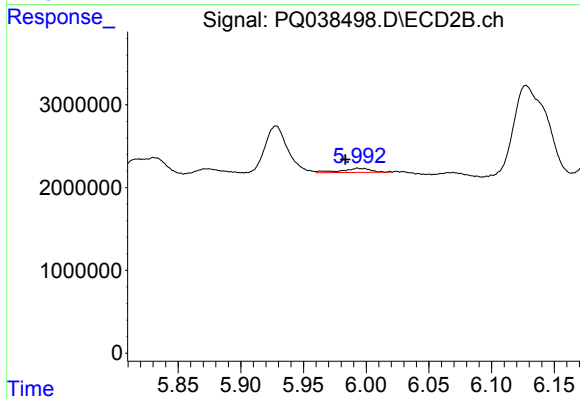
#24 AR-1248-4

R.T.: 5.527 min  
Delta R.T.: -0.059 min  
Response: 1787418  
Conc: 19.77 ng/ml



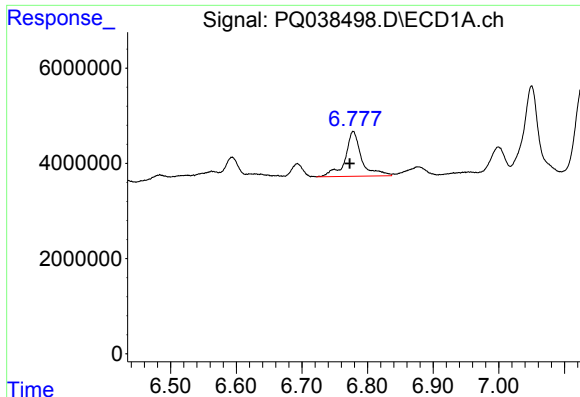
#25 AR-1248-5

R.T.: 6.877 min  
Delta R.T.: 0.037 min  
Response: 3612859  
Conc: 17.93 ng/ml



#25 AR-1248-5

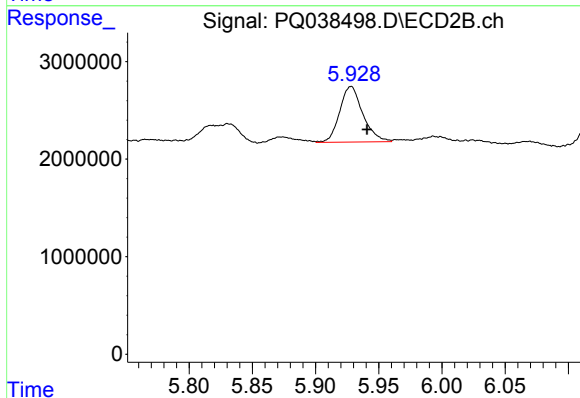
R.T.: 5.994 min  
Delta R.T.: 0.010 min  
Response: 793883  
Conc: 8.85 ng/ml



#26 AR-1254-1

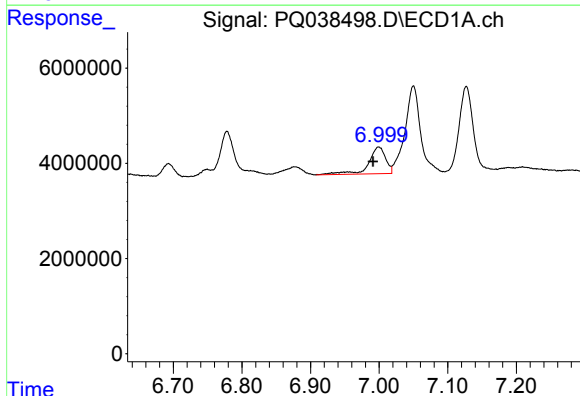
R.T.: 6.778 min  
Delta R.T.: 0.005 min  
Response: 16346867  
Conc: 68.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



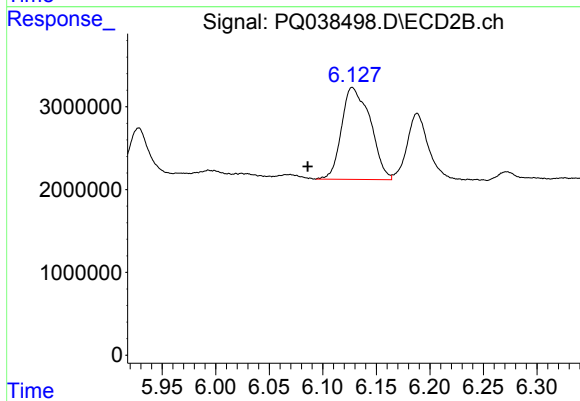
#26 AR-1254-1

R.T.: 5.928 min  
Delta R.T.: -0.013 min  
Response: 7268247  
Conc: 45.21 ng/ml



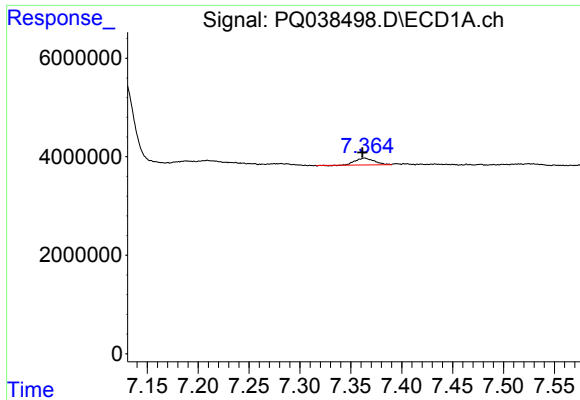
#27 AR-1254-2

R.T.: 6.999 min  
Delta R.T.: 0.008 min  
Response: 9653124  
Conc: 25.60 ng/ml



#27 AR-1254-2

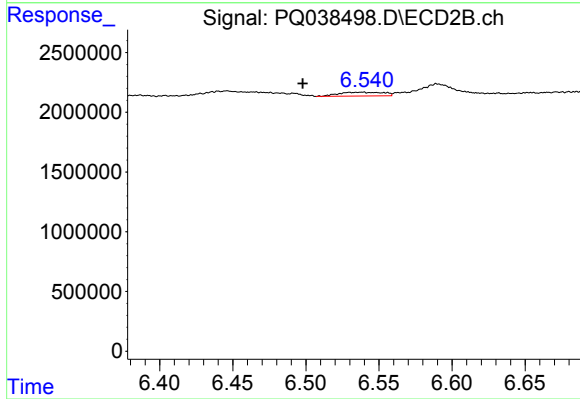
R.T.: 6.128 min  
Delta R.T.: 0.042 min  
Response: 20701967  
Conc: 148.16 ng/ml



#28 AR-1254-3

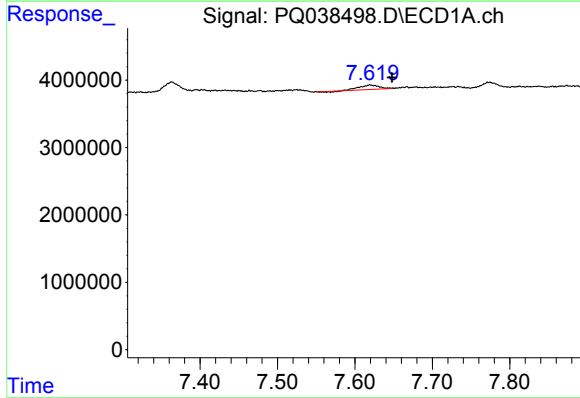
R.T.: 7.364 min  
Delta R.T.: 0.002 min  
Response: 1772889  
Conc: 4.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



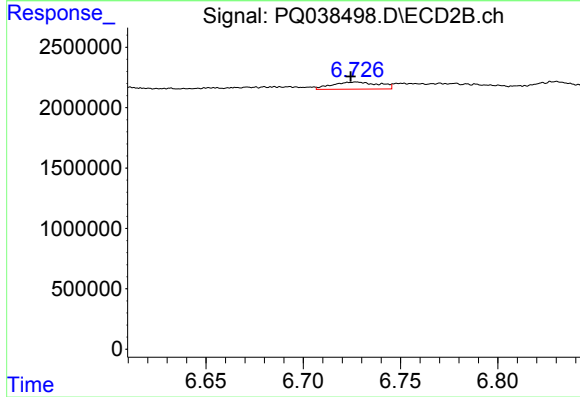
#28 AR-1254-3

R.T.: 6.539 min  
Delta R.T.: 0.041 min  
Response: 690746  
Conc: 2.87 ng/ml



#29 AR-1254-4

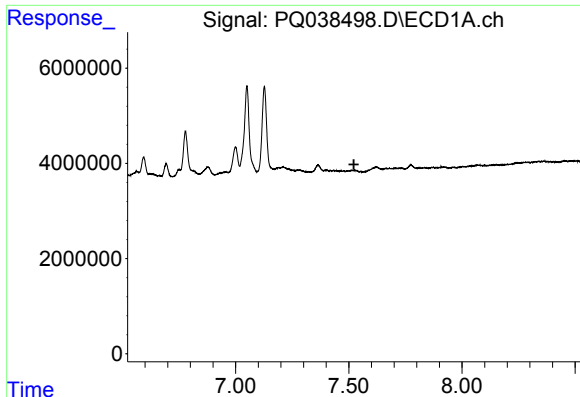
R.T.: 7.620 min  
Delta R.T.: -0.028 min  
Response: 1130124  
Conc: 4.01 ng/ml



#29 AR-1254-4

R.T.: 6.727 min  
Delta R.T.: 0.003 min  
Response: 989783  
Conc: 6.39 ng/ml

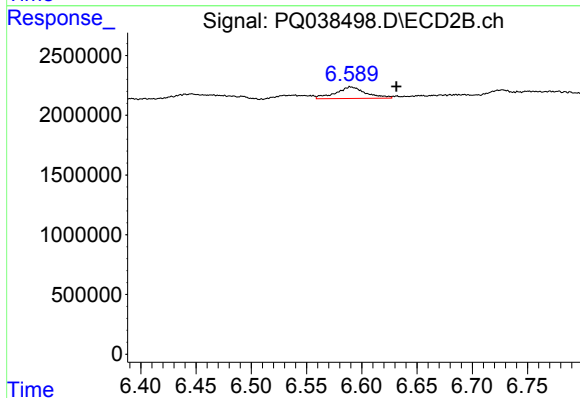




#31 AR-1260-1

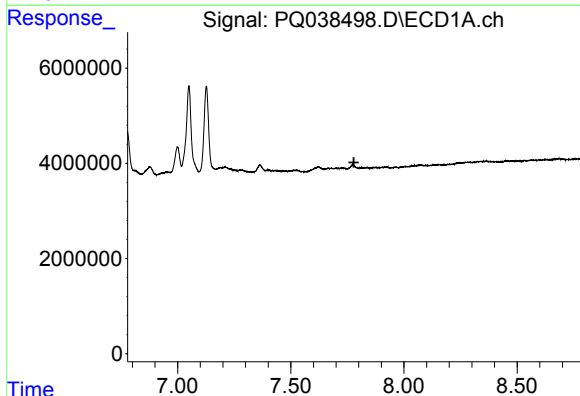
R.T.: 0.000 min  
Exp R.T.: 7.522 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



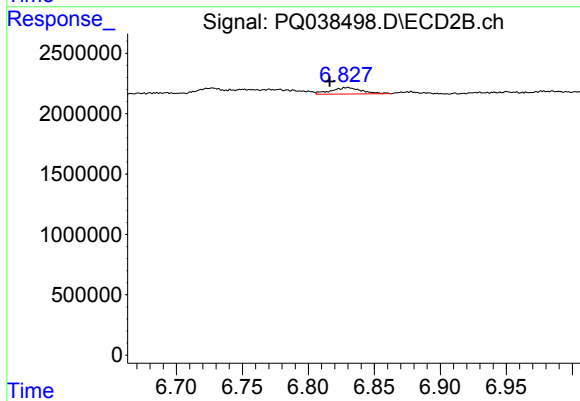
#31 AR-1260-1

R.T.: 6.590 min  
Delta R.T.: -0.042 min  
Response: 1843704  
Conc: 9.02 ng/ml



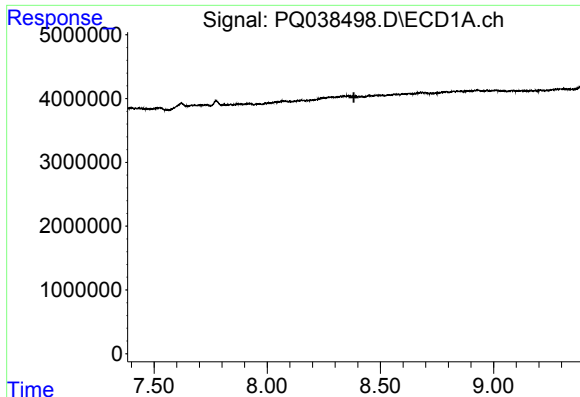
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.779 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

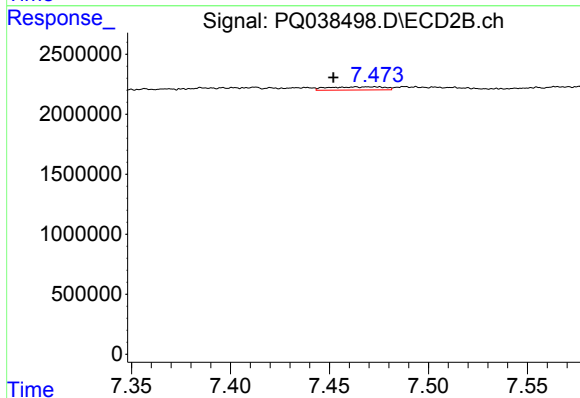
R.T.: 6.830 min  
Delta R.T.: 0.013 min  
Response: 851105  
Conc: 3.32 ng/ml



#34 AR-1260-4

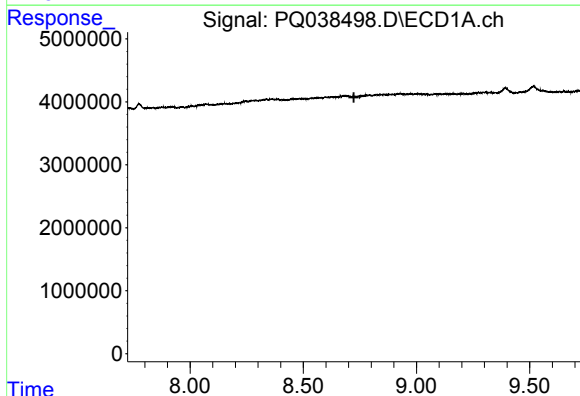
R.T.: 0.000 min  
Exp R.T.: 8.383 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



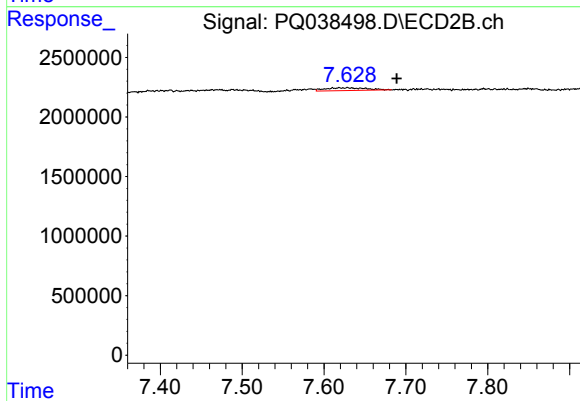
#34 AR-1260-4

R.T.: 7.463 min  
Delta R.T.: 0.012 min  
Response: 521621  
Conc: 2.64 ng/ml



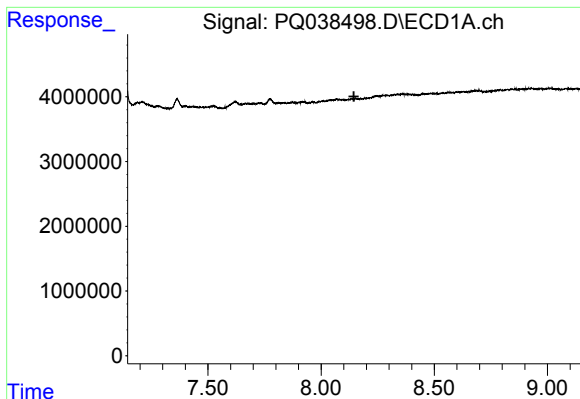
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.723 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

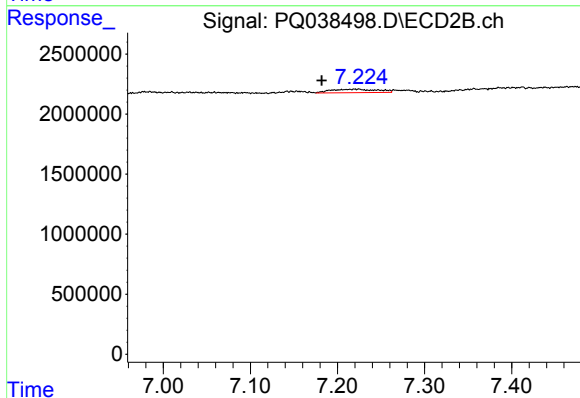
R.T.: 7.629 min  
Delta R.T.: -0.060 min  
Response: 823024  
Conc: 1.67 ng/ml



#36 AR-1262-1

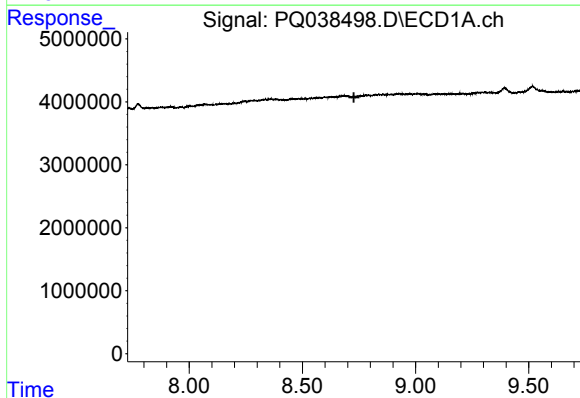
R.T.: 0.000 min  
Exp R.T.: 8.145 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



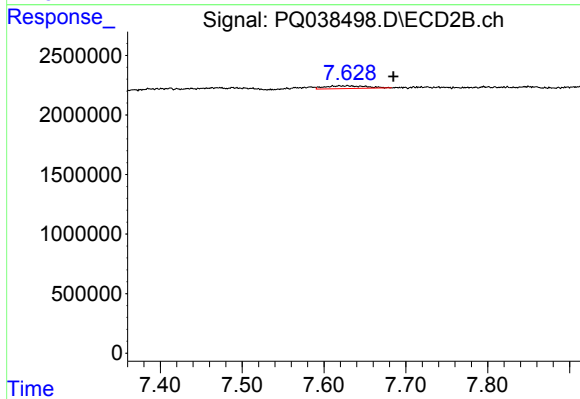
#36 AR-1262-1

R.T.: 7.225 min  
Delta R.T.: 0.043 min  
Response: 1051460  
Conc: 4.88 ng/ml



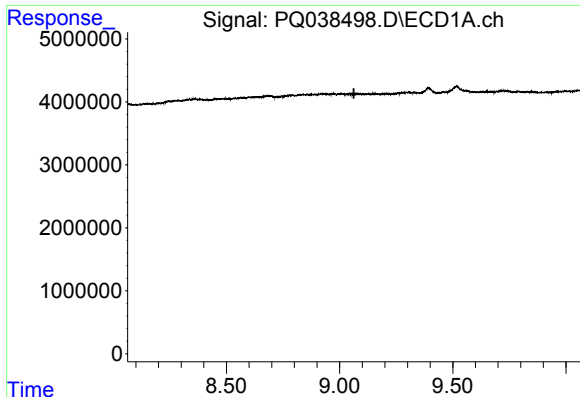
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.728 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

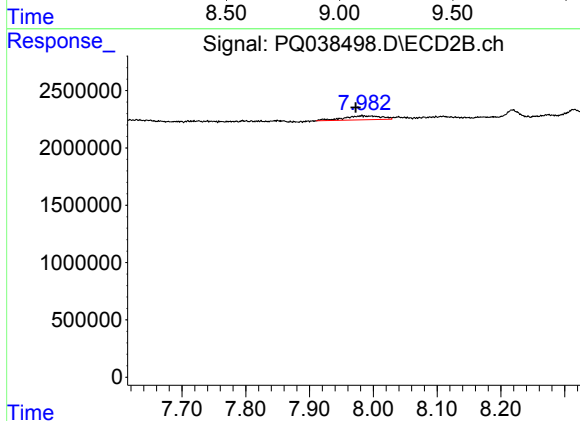
R.T.: 7.629 min  
Delta R.T.: -0.056 min  
Response: 823024  
Conc: 2.11 ng/ml



#38 AR-1262-3

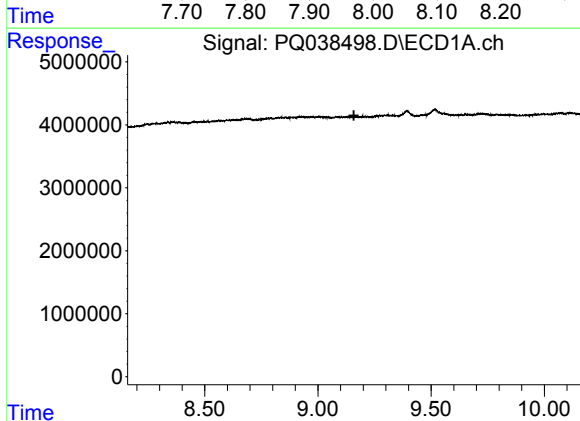
R.T.: 0.000 min  
Exp R.T.: 9.063 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



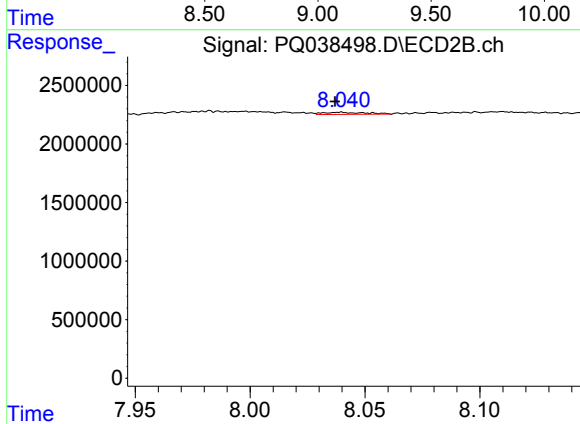
#38 AR-1262-3

R.T.: 7.982 min  
Delta R.T.: 0.010 min  
Response: 1412130  
Conc: 9.48 ng/ml



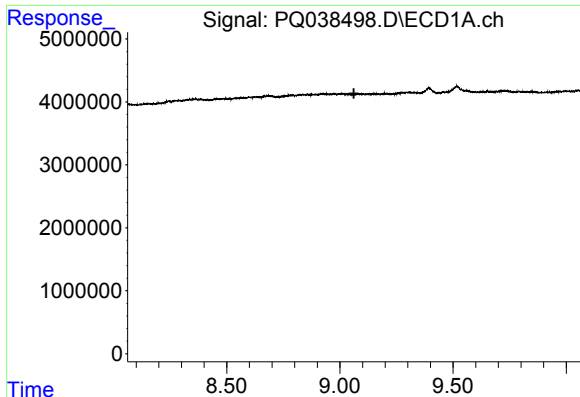
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 9.159 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

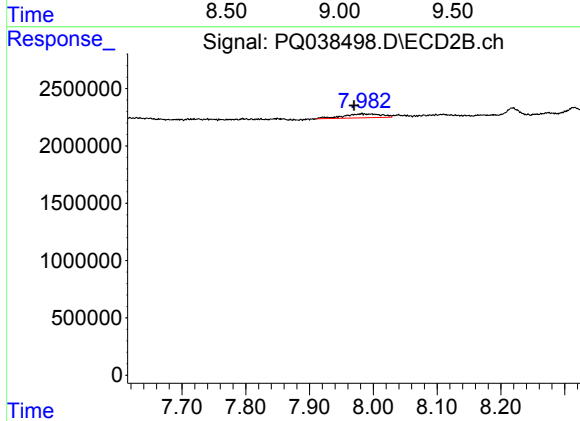
R.T.: 8.039 min  
Delta R.T.: 0.002 min  
Response: 236747  
Conc: 0.83 ng/ml



#41 AR-1268-1

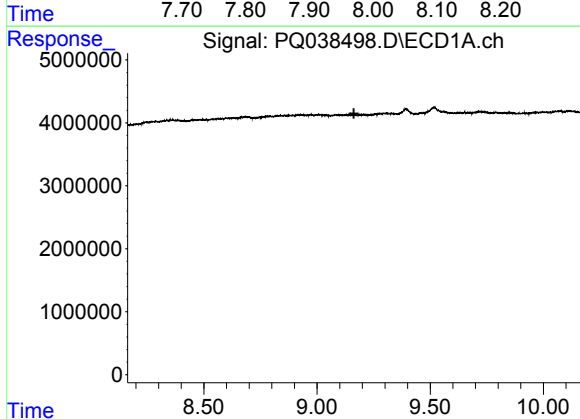
R.T.: 0.000 min  
Exp R.T.: 9.062 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



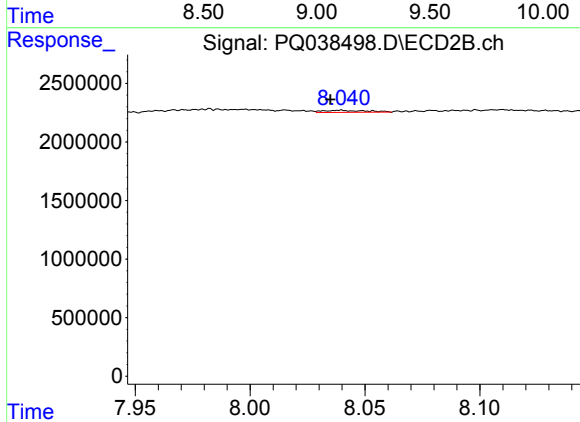
#41 AR-1268-1

R.T.: 7.982 min  
Delta R.T.: 0.012 min  
Response: 1412130  
Conc: 1.76 ng/ml



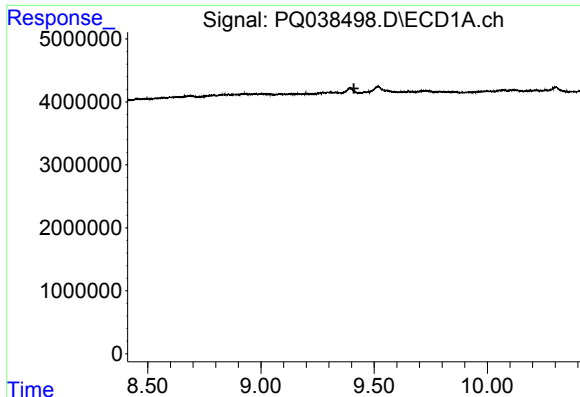
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.163 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

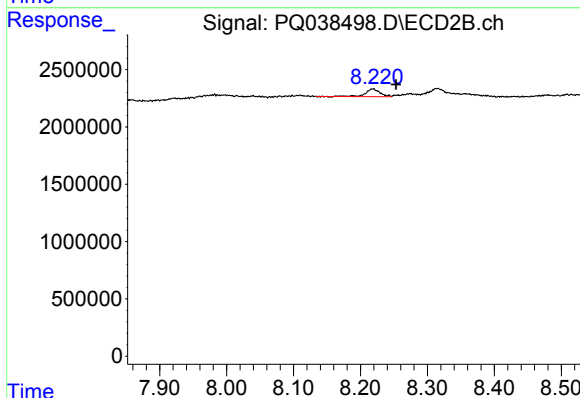
R.T.: 8.039 min  
Delta R.T.: 0.004 min  
Response: 236747  
Conc: 0.33 ng/ml



#43 AR-1268-3

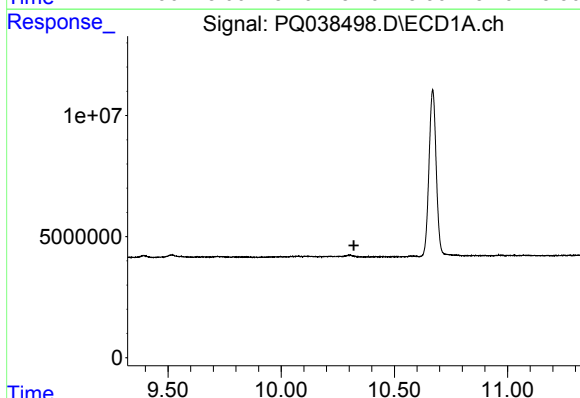
R.T.: 0.000 min  
Exp R.T.: 9.410 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BF5B1



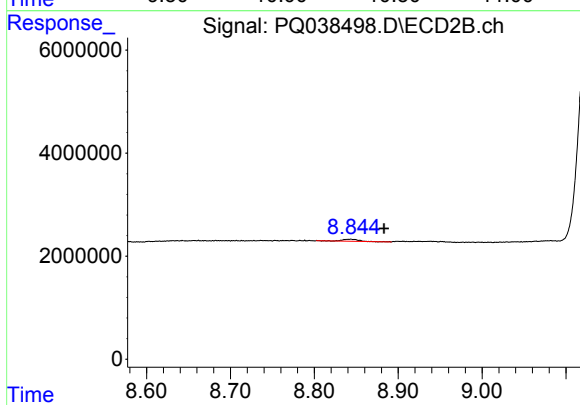
#43 AR-1268-3

R.T.: 8.218 min  
Delta R.T.: -0.035 min  
Response: 1005629  
Conc: 1.60 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.321 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.843 min  
Delta R.T.: -0.040 min  
Response: 519787  
Conc: 0.27 ng/ml