

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ080119\  
 Data File : PQ041955.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2019 20:36  
 Operator : SM\AJ  
 Sample : K4028-21  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 BENW4

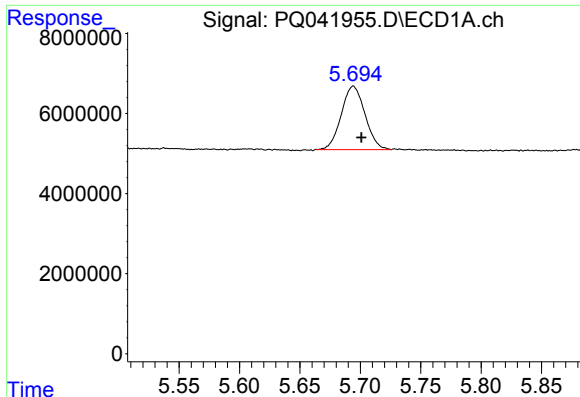
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 02 01:07:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ072719CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jul 29 04:03:40 2019  
 Response via : Initial Calibration  
 Integrator: 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... | 5.694  | 4.754  | 21657486 | 19136745 | 9.443  | 9.930    |
| 2)                          | SA Decachlor... | 12.087 | 10.505 | 103.3E6  | 67626566 | 12.250 | 13.980   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 5)                          | L1 AR-1016-3    | 0.000  | 6.496  | 0        | 2320031  | N.D.   | 31.111 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.496  | 0        | 2320031  | N.D.   | 37.414 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.750  | 0        | 1529261  | N.D.   | 18.786 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 5.352  | 0        | 4395941  | N.D.   | 80.612 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 5.352  | 0        | 4395941  | N.D.   | 91.036 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 6.496  | 0        | 2320031  | N.D.   | 77.802 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.543  | 0        | 1786098  | N.D.   | 66.903 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 6.750  | 0        | 1529261  | N.D.   | 52.147 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 6.496  | 0        | 2320031  | N.D.   | 39.274 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.543  | 0        | 1786098  | N.D.   | 30.121 # |
| 20)                         | L4 AR-1242-5    | 0.000  | 7.157  | 0        | 8600453  | N.D.   | 96.858 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 6.496  | 0        | 2320031  | N.D.   | 26.610 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 6.543  | 0        | 1786098  | N.D.   | 20.011 # |
| 24)                         | L5 AR-1248-4    | 0.000  | 6.750  | 0        | 1529261  | N.D.   | 13.885 # |
| 25)                         | L5 AR-1248-5    | 0.000  | 7.203  | 0        | 3228705  | N.D.   | 25.190 # |
| 26)                         | L6 AR-1254-1    | 0.000  | 7.157  | 0        | 8600453  | N.D.   | 47.027 # |
| 27)                         | L6 AR-1254-2    | 0.000  | 7.325  | 0        | 6534871  | N.D.   | 40.371 # |
| 28)                         | L6 AR-1254-3    | 8.730  | 7.772  | 13444139 | 15146627 | 49.169 | 52.518   |
| 29)                         | L6 AR-1254-4    | 0.000  | 8.020  | 0        | 4637540  | N.D.   | 21.364 # |
| 30)                         | L6 AR-1254-5    | 0.000  | 8.466  | 0        | 8296979  | N.D.   | 27.586 # |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.913  | 0        | 6469205  | N.D.   | 35.657 # |
| 32)                         | L7 AR-1260-2    | 0.000  | 8.116  | 0        | 5686384  | N.D.   | 23.178 # |
| 33)                         | L7 AR-1260-3    | 0.000  | 8.280  | 0        | 4996167  | N.D.   | 23.481 # |
| 34)                         | L7 AR-1260-4    | 0.000  | 8.776  | 0        | 2978767  | N.D.   | 14.725 # |
| 35)                         | L7 AR-1260-5    | 0.000  | 9.029  | 0        | 5035576  | N.D.   | 8.532 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 8.502  | 0        | 2085833  | N.D.   | 14.539 # |
| 37)                         | L8 AR-1262-2    | 0.000  | 9.029  | 0        | 5035576  | N.D.   | 6.795 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 9.321  | 0        | 3578556  | N.D.   | 11.311 # |
| 39)                         | L8 AR-1262-4    | 0.000  | 9.388  | 0        | 4112846  | N.D.   | 7.313 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 9.916  | 0        | 886203   | N.D.   | 3.103 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 9.321  | 0        | 3578556  | N.D.   | 3.130 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 9.388  | 0        | 4112846  | N.D.   | 4.006 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 9.597  | 0        | 1924157  | N.D.   | 2.214 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 9.916  | 0        | 886203   | N.D.   | 2.304 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 10.231 | 0        | 3103355  | N.D.   | 1.195 #  |
| -----                       |                 |        |        |          |          |        |          |

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

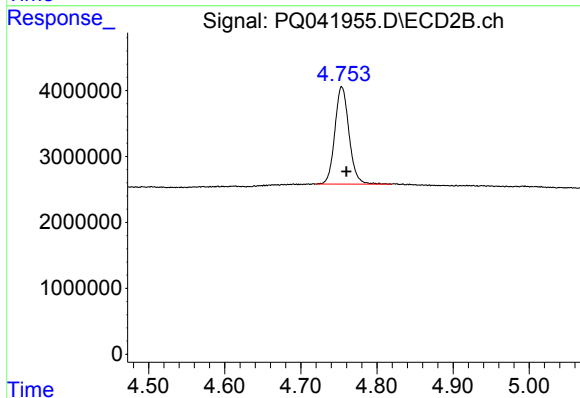




#1 Tetrachloro-m-xylene

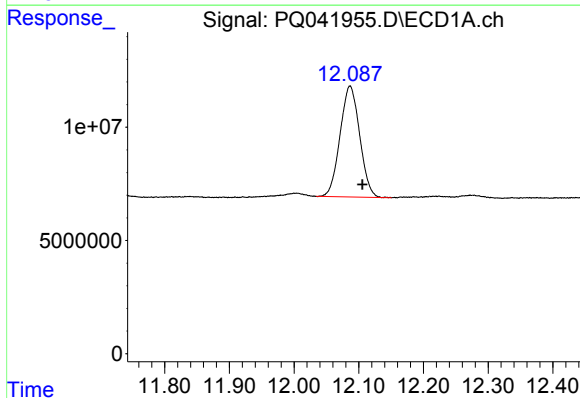
R.T.: 5.694 min  
Delta R.T.: -0.007 min  
Response: 21657486  
Conc: 9.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



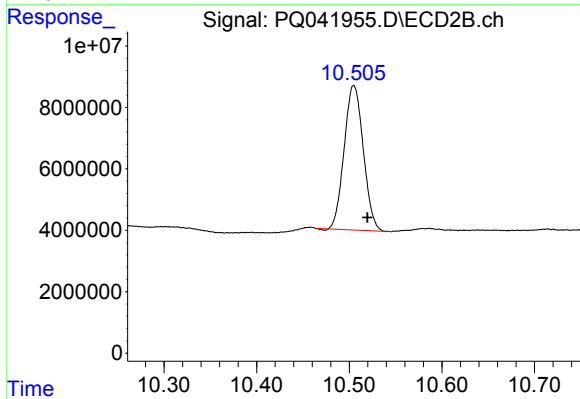
#1 Tetrachloro-m-xylene

R.T.: 4.754 min  
Delta R.T.: -0.006 min  
Response: 19136745  
Conc: 9.93 ng/ml



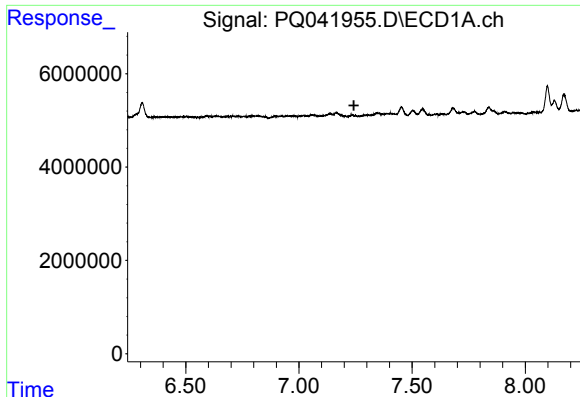
#2 Decachlorobiphenyl

R.T.: 12.087 min  
Delta R.T.: -0.019 min  
Response: 103283665  
Conc: 12.25 ng/ml



#2 Decachlorobiphenyl

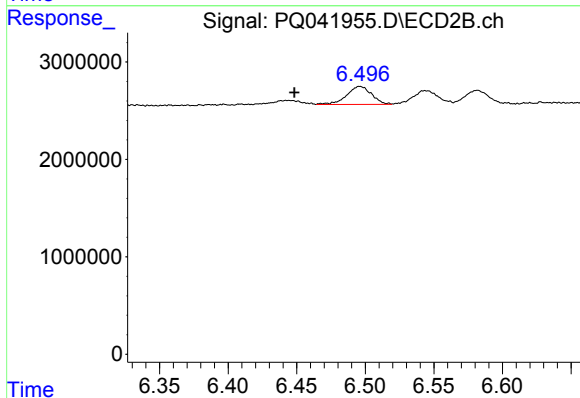
R.T.: 10.505 min  
Delta R.T.: -0.015 min  
Response: 67626566  
Conc: 13.98 ng/ml



#5 AR-1016-3

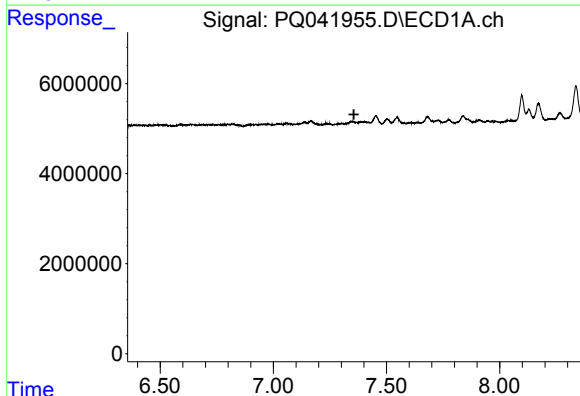
R.T.: 0.000 min  
Exp R.T.: 7.243 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



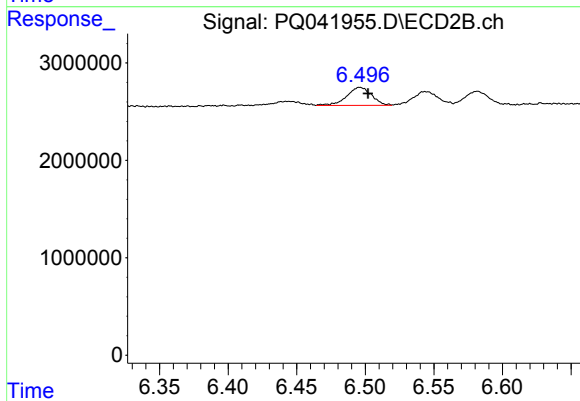
#5 AR-1016-3

R.T.: 6.496 min  
Delta R.T.: 0.048 min  
Response: 2320031  
Conc: 31.11 ng/ml



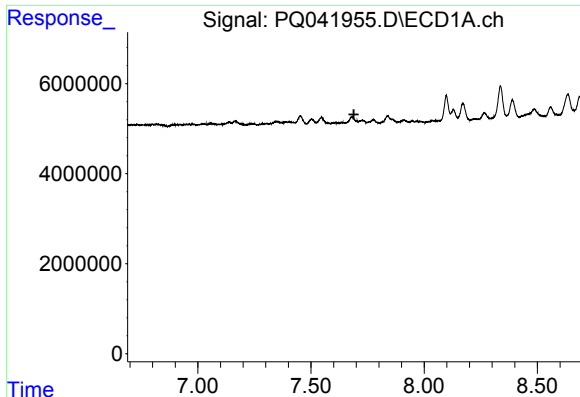
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 7.356 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

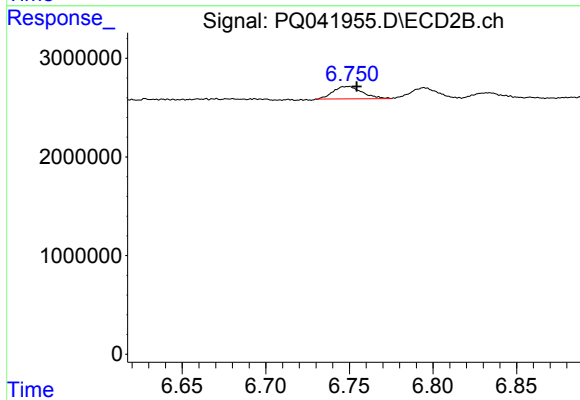
R.T.: 6.496 min  
Delta R.T.: -0.006 min  
Response: 2320031  
Conc: 37.41 ng/ml



#7 AR-1016-5

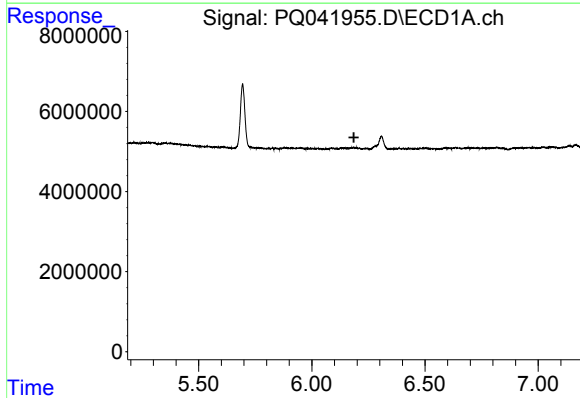
R.T.: 0.000 min  
Exp R.T.: 7.689 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



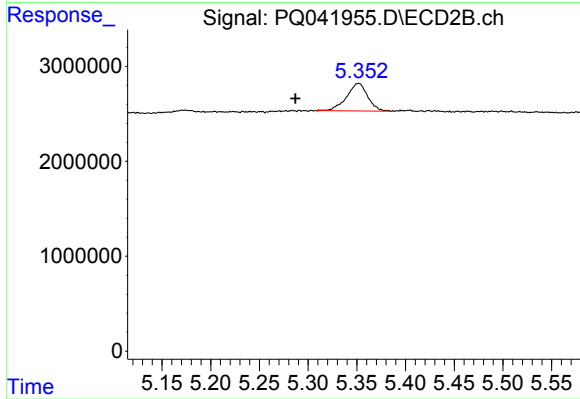
#7 AR-1016-5

R.T.: 6.750 min  
Delta R.T.: -0.005 min  
Response: 1529261  
Conc: 18.79 ng/ml



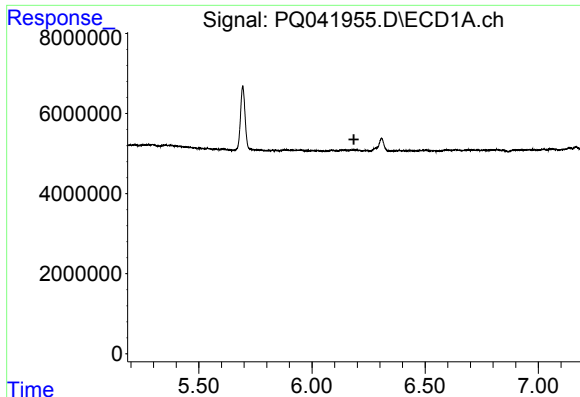
#10 AR-1221-3

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



#10 AR-1221-3

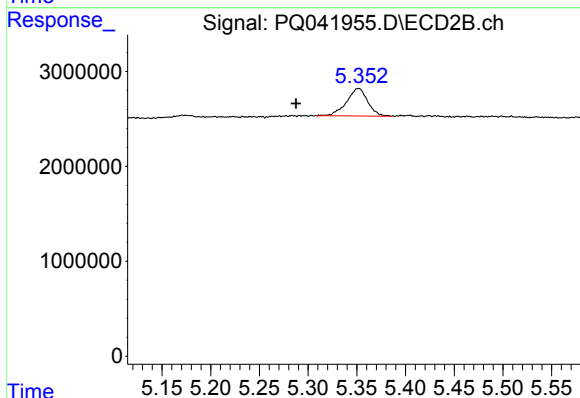
R.T.: 5.352 min  
Delta R.T.: 0.065 min  
Response: 4395941  
Conc: 80.61 ng/ml



#11 AR-1232-1

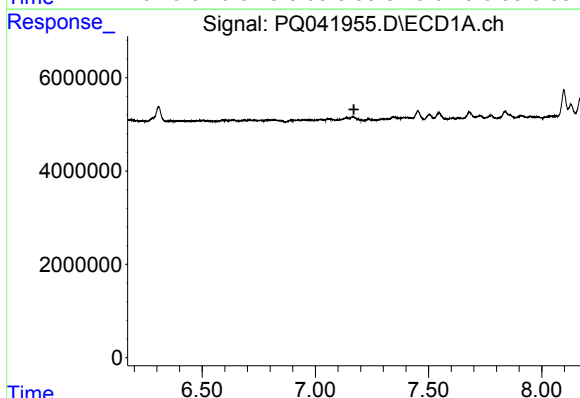
R.T.: 0.000 min  
Exp R.T.: 6.185 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



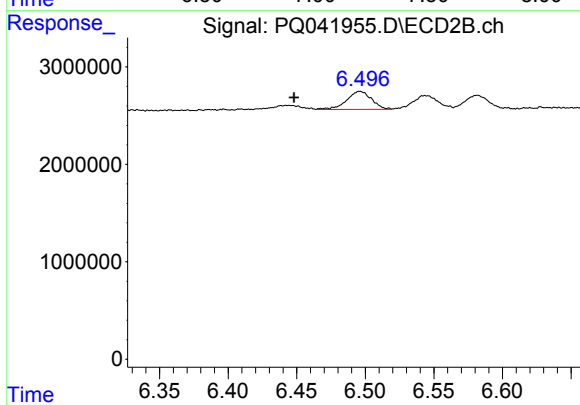
#11 AR-1232-1

R.T.: 5.352 min  
Delta R.T.: 0.065 min  
Response: 4395941  
Conc: 91.04 ng/ml



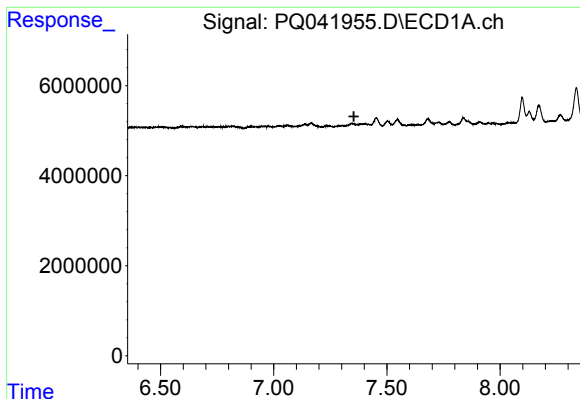
#13 AR-1232-3

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



#13 AR-1232-3

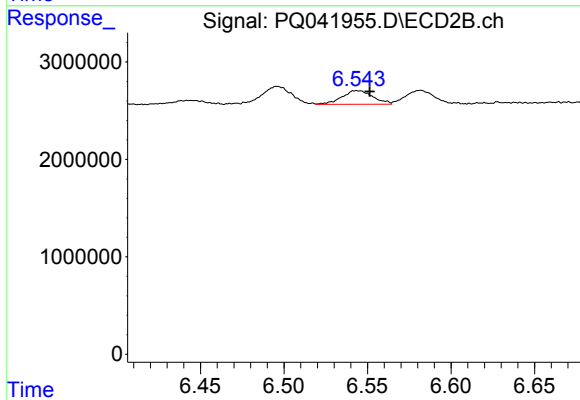
R.T.: 6.496 min  
Delta R.T.: 0.048 min  
Response: 2320031  
Conc: 77.80 ng/ml



#14 AR-1232-4

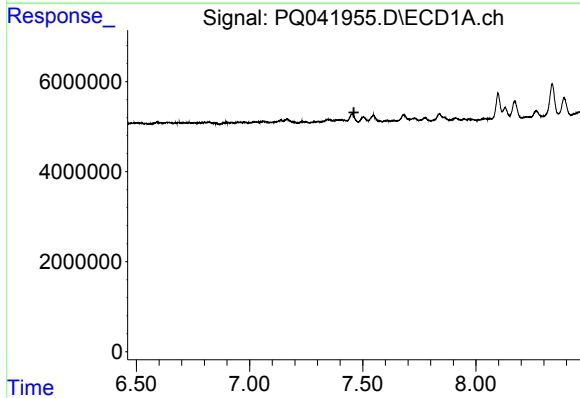
R.T.: 0.000 min  
Exp R.T.: 7.354 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



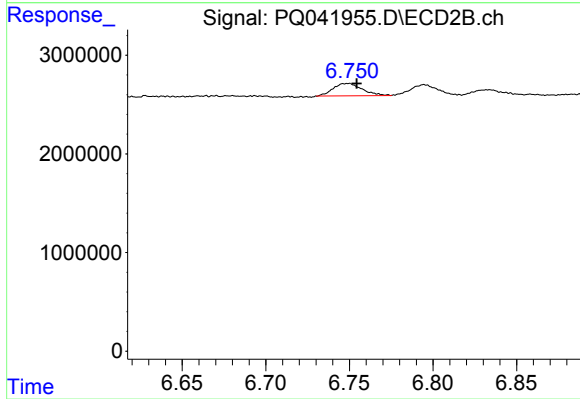
#14 AR-1232-4

R.T.: 6.543 min  
Delta R.T.: -0.008 min  
Response: 1786098  
Conc: 66.90 ng/ml



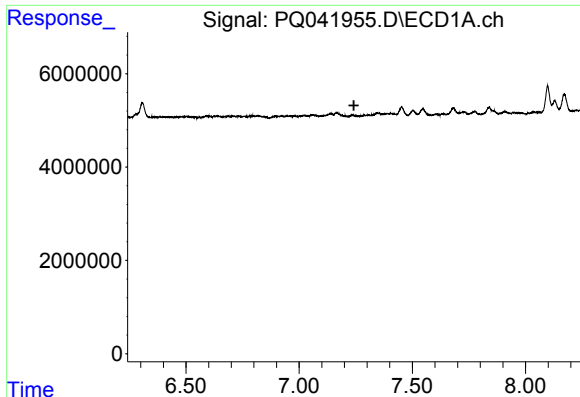
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 7.461 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

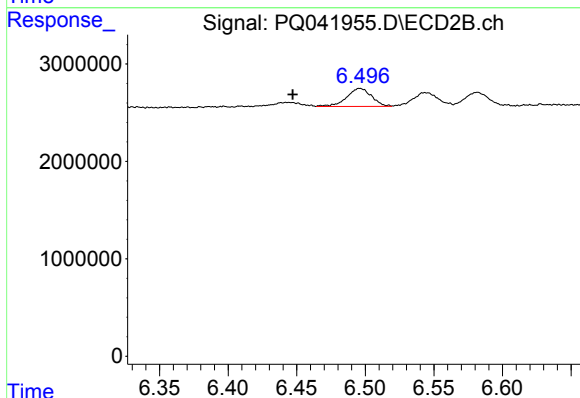
R.T.: 6.750 min  
Delta R.T.: -0.005 min  
Response: 1529261  
Conc: 52.15 ng/ml



#18 AR-1242-3

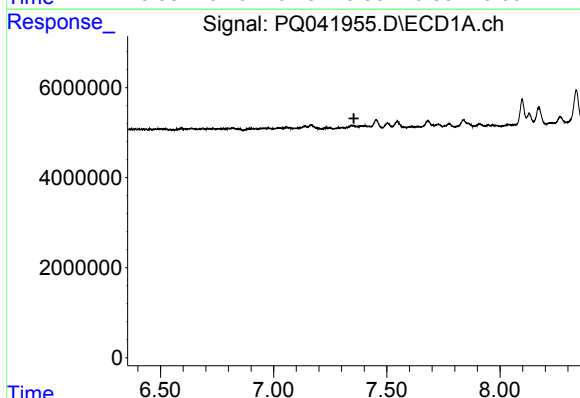
R.T.: 0.000 min  
Exp R.T.: 7.242 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



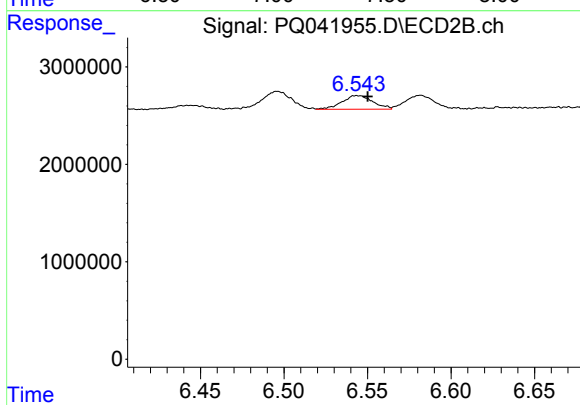
#18 AR-1242-3

R.T.: 6.496 min  
Delta R.T.: 0.049 min  
Response: 2320031  
Conc: 39.27 ng/ml



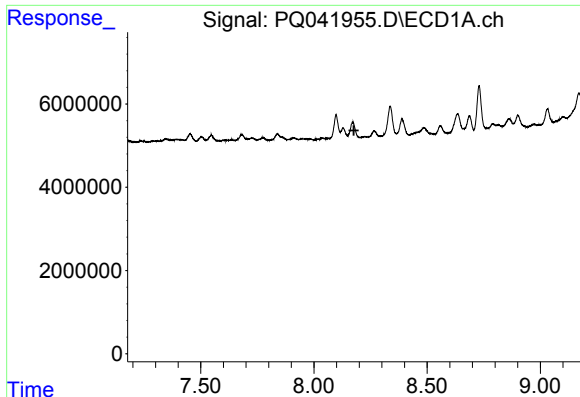
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 7.355 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

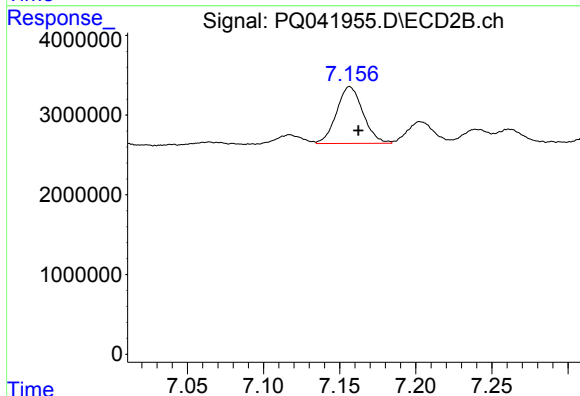
R.T.: 6.543 min  
Delta R.T.: -0.007 min  
Response: 1786098  
Conc: 30.12 ng/ml



#20 AR-1242-5

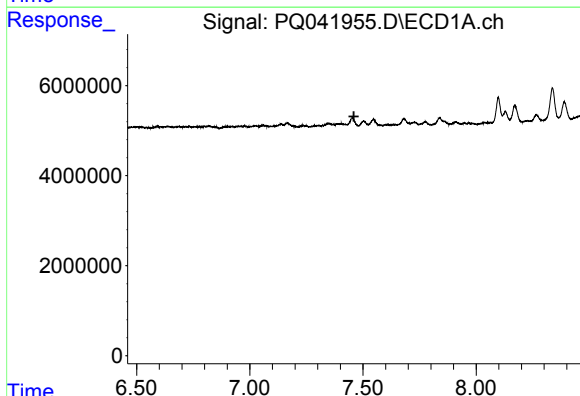
R.T.: 0.000 min  
Exp R.T.: 8.177 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



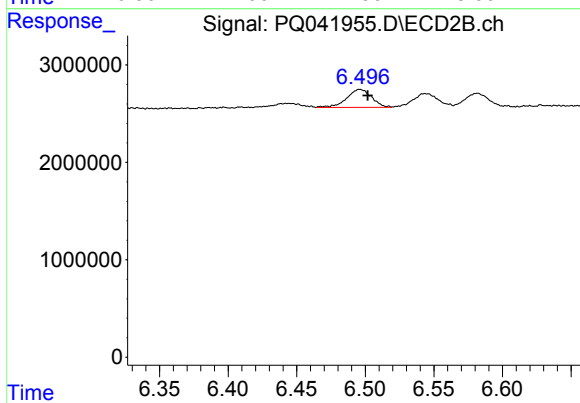
#20 AR-1242-5

R.T.: 7.157 min  
Delta R.T.: -0.006 min  
Response: 8600453  
Conc: 96.86 ng/ml



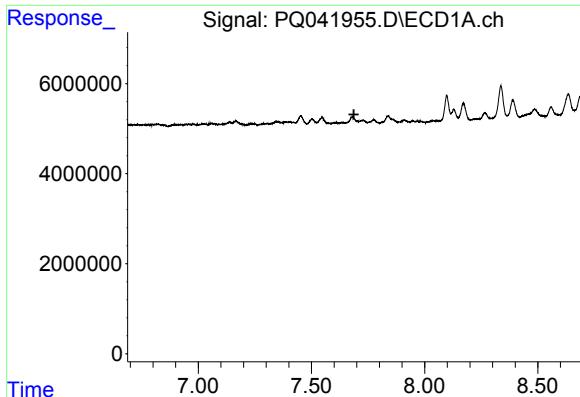
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 7.460 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

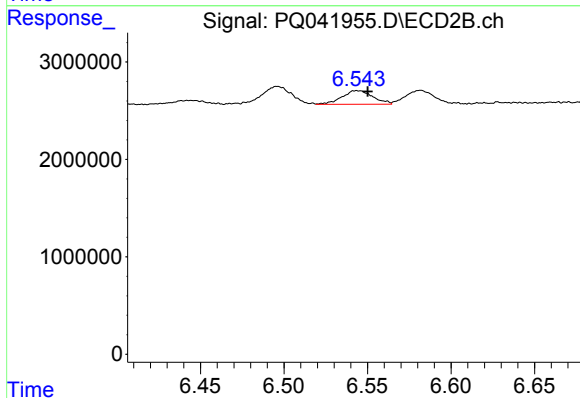
R.T.: 6.496 min  
Delta R.T.: -0.006 min  
Response: 2320031  
Conc: 26.61 ng/ml



#23 AR-1248-3

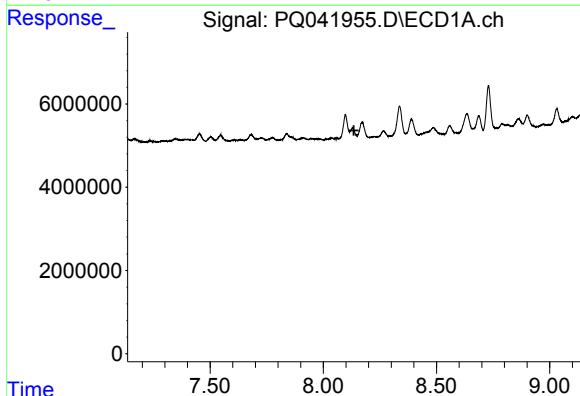
R.T.: 0.000 min  
Exp R.T.: 7.688 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



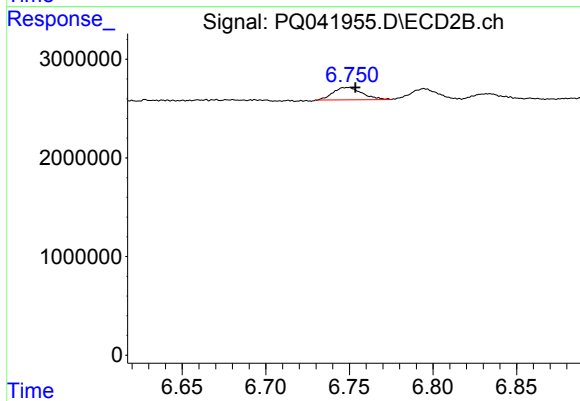
#23 AR-1248-3

R.T.: 6.543 min  
Delta R.T.: -0.007 min  
Response: 1786098  
Conc: 20.01 ng/ml



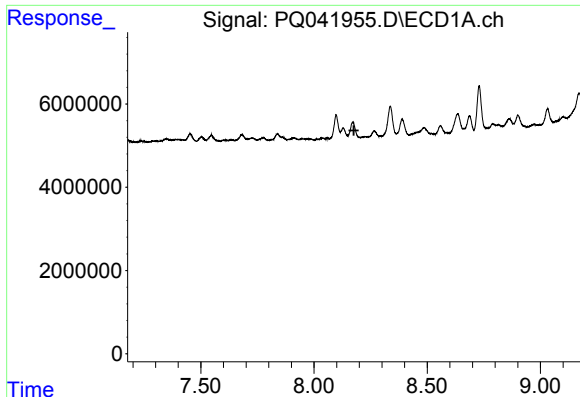
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 8.135 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

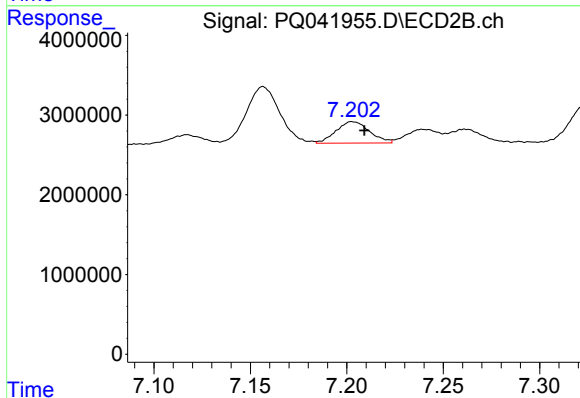
R.T.: 6.750 min  
Delta R.T.: -0.004 min  
Response: 1529261  
Conc: 13.88 ng/ml



#25 AR-1248-5

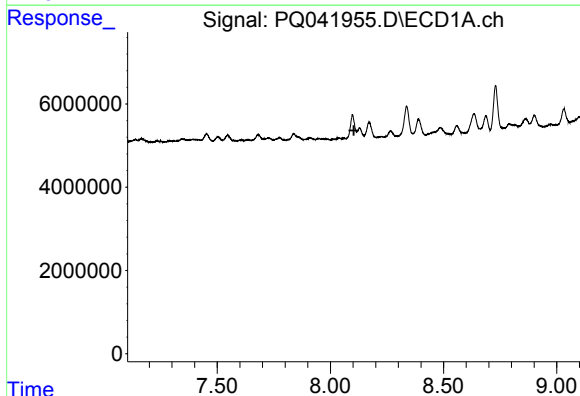
R.T.: 0.000 min  
Exp R.T.: 8.176 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



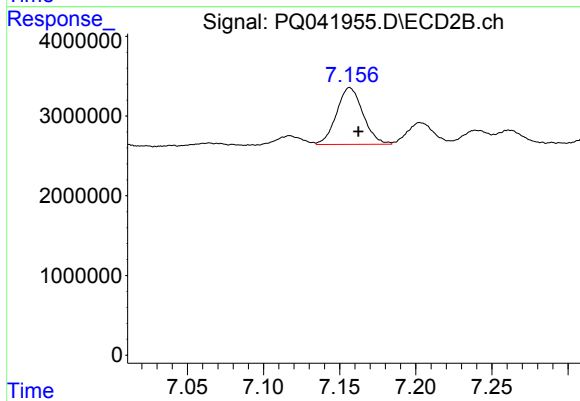
#25 AR-1248-5

R.T.: 7.203 min  
Delta R.T.: -0.006 min  
Response: 3228705  
Conc: 25.19 ng/ml



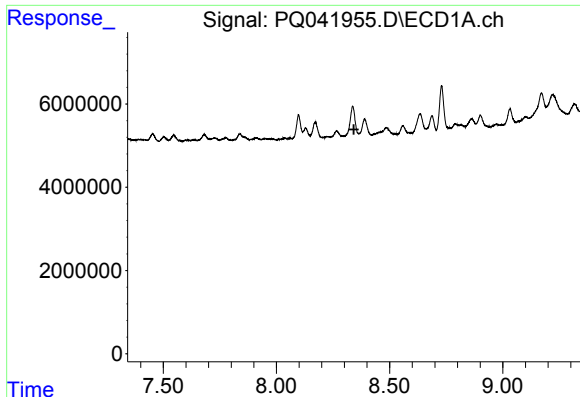
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 8.104 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

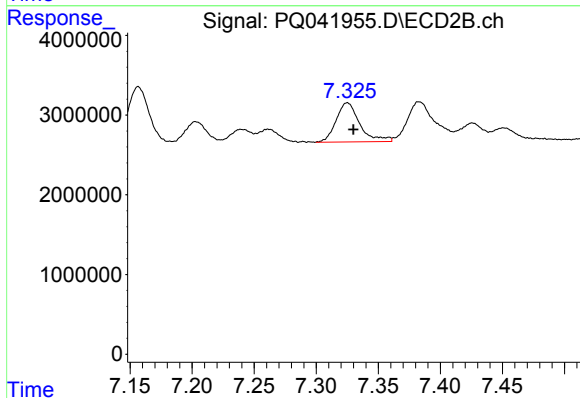
R.T.: 7.157 min  
Delta R.T.: -0.006 min  
Response: 8600453  
Conc: 47.03 ng/ml



#27 AR-1254-2

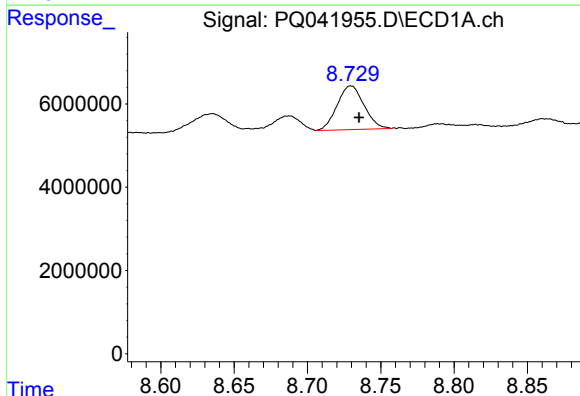
R.T.: 0.000 min  
Exp R.T.: 8.342 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



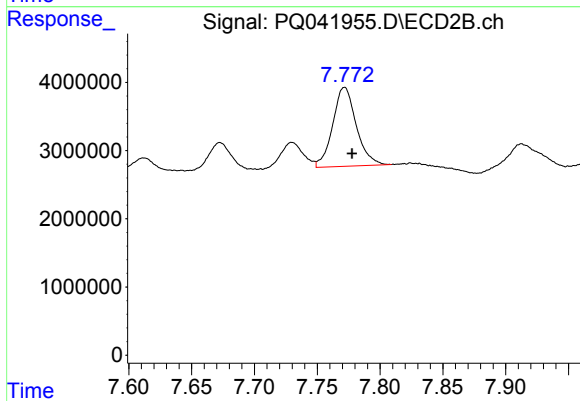
#27 AR-1254-2

R.T.: 7.325 min  
Delta R.T.: -0.005 min  
Response: 6534871  
Conc: 40.37 ng/ml



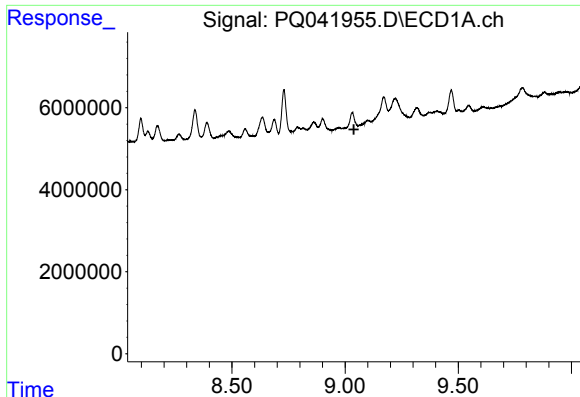
#28 AR-1254-3

R.T.: 8.730 min  
Delta R.T.: -0.006 min  
Response: 13444139  
Conc: 49.17 ng/ml



#28 AR-1254-3

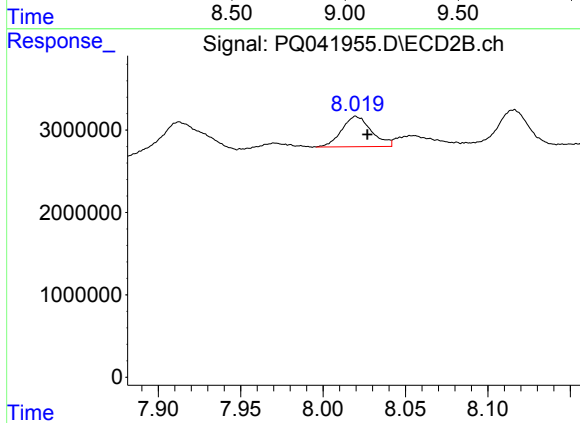
R.T.: 7.772 min  
Delta R.T.: -0.006 min  
Response: 15146627  
Conc: 52.52 ng/ml



#29 AR-1254-4

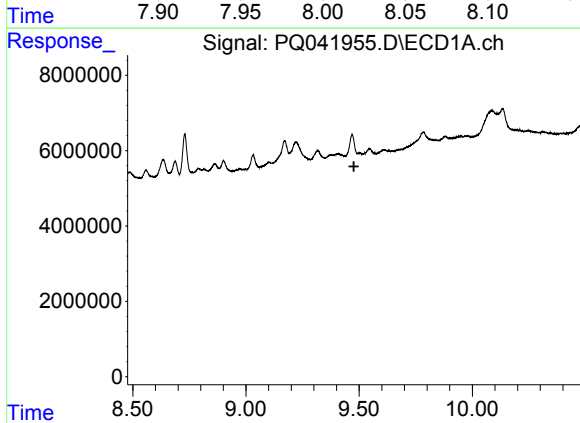
R.T.: 0.000 min  
Exp R.T.: 9.039 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



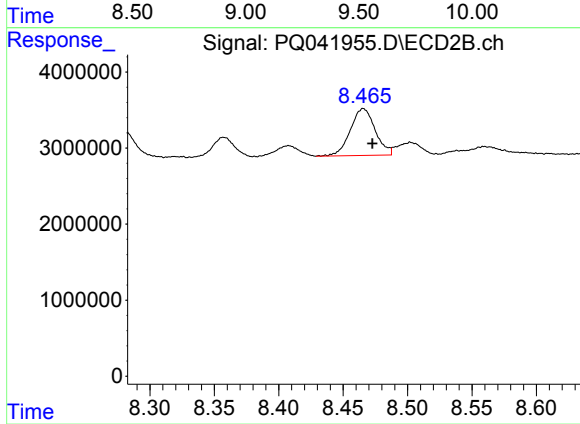
#29 AR-1254-4

R.T.: 8.020 min  
Delta R.T.: -0.007 min  
Response: 4637540  
Conc: 21.36 ng/ml



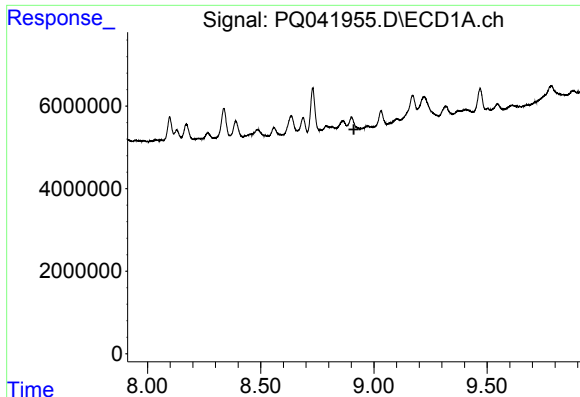
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 9.477 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

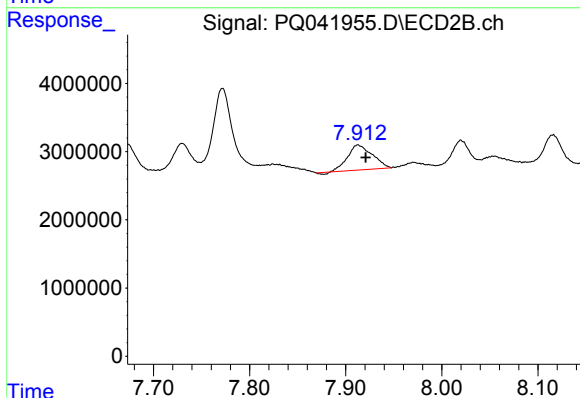
R.T.: 8.466 min  
Delta R.T.: -0.007 min  
Response: 8296979  
Conc: 27.59 ng/ml



#31 AR-1260-1

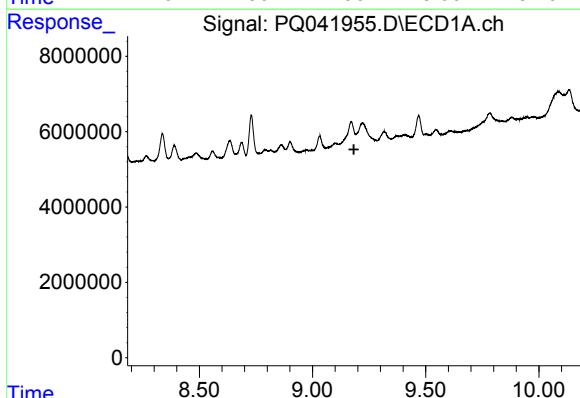
R.T.: 0.000 min  
Exp R.T.: 8.912 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



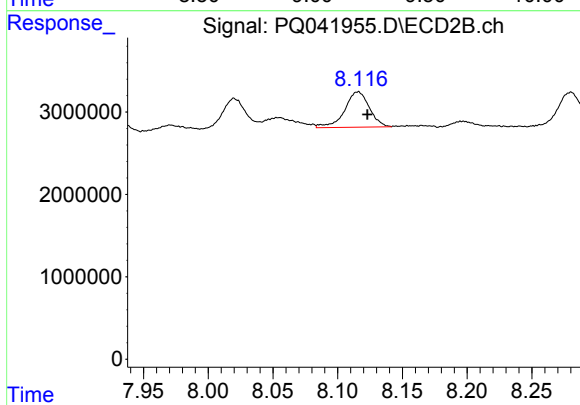
#31 AR-1260-1

R.T.: 7.913 min  
Delta R.T.: -0.008 min  
Response: 6469205  
Conc: 35.66 ng/ml



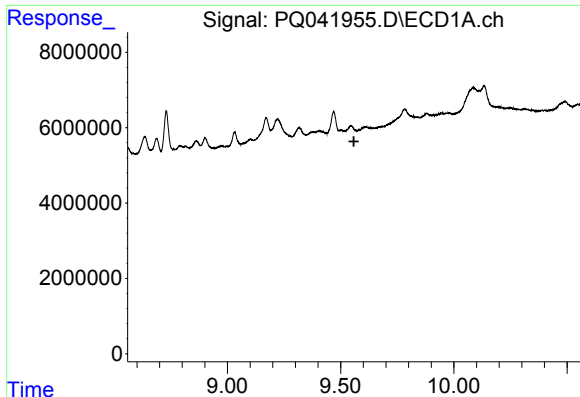
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 9.183 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

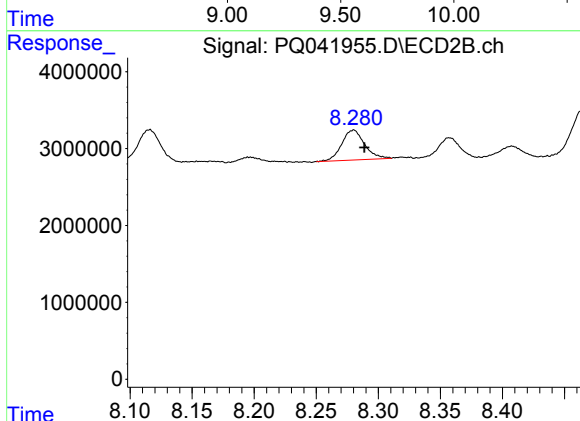
R.T.: 8.116 min  
Delta R.T.: -0.007 min  
Response: 5686384  
Conc: 23.18 ng/ml



#33 AR-1260-3

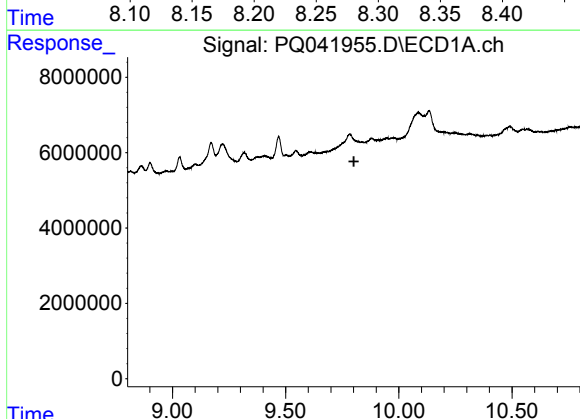
R.T.: 0.000 min  
Exp R.T.: 9.558 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



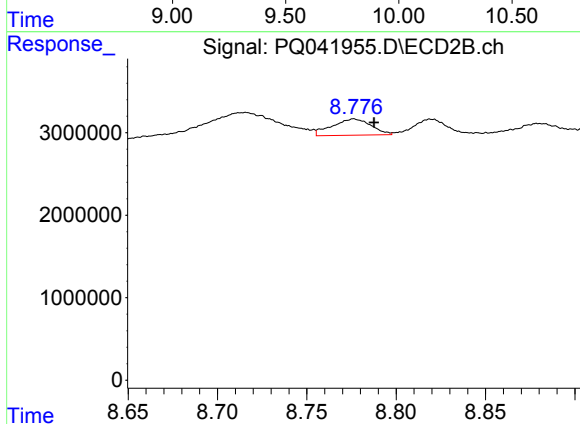
#33 AR-1260-3

R.T.: 8.280 min  
Delta R.T.: -0.008 min  
Response: 4996167  
Conc: 23.48 ng/ml



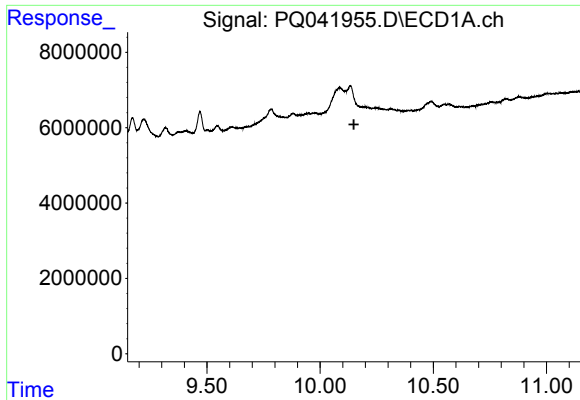
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 9.802 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

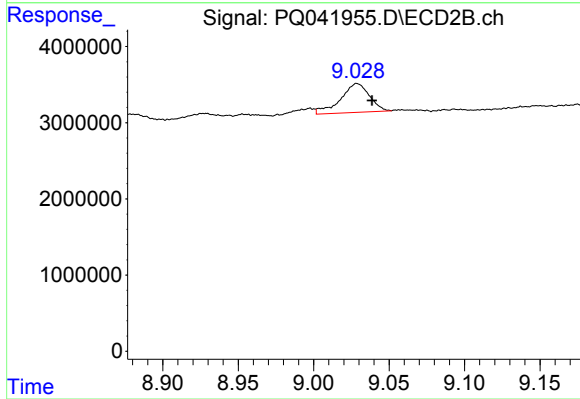
R.T.: 8.776 min  
Delta R.T.: -0.011 min  
Response: 2978767  
Conc: 14.73 ng/ml



#35 AR-1260-5

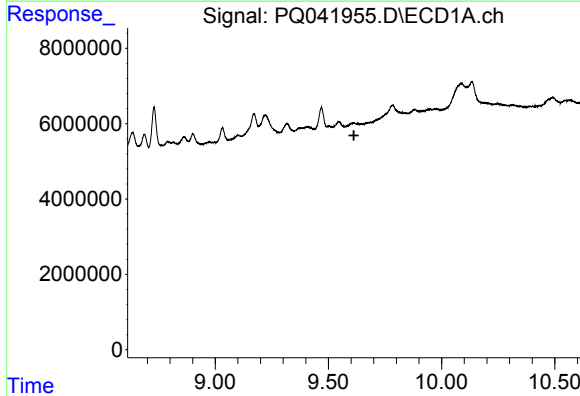
R.T.: 0.000 min  
Exp R.T.: 10.149 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



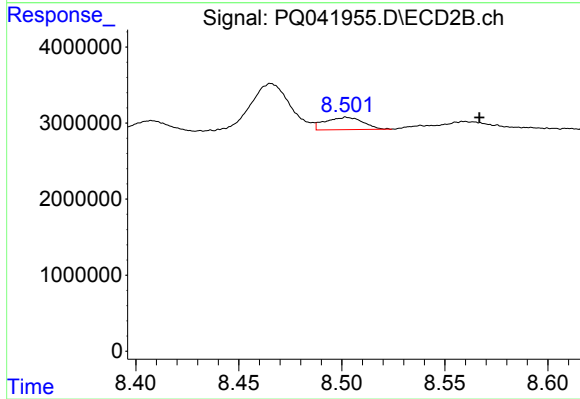
#35 AR-1260-5

R.T.: 9.029 min  
Delta R.T.: -0.010 min  
Response: 5035576  
Conc: 8.53 ng/ml



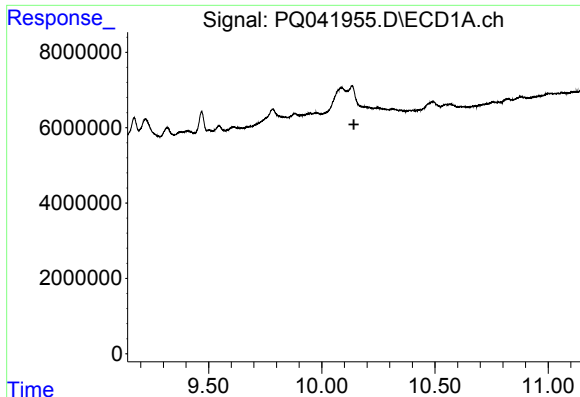
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 9.613 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

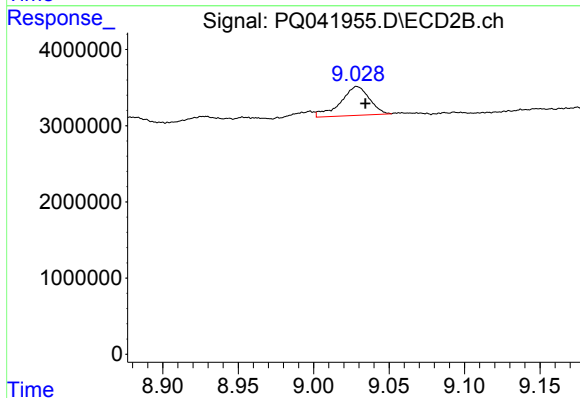
R.T.: 8.502 min  
Delta R.T.: -0.065 min  
Response: 2085833  
Conc: 14.54 ng/ml



#37 AR-1262-2

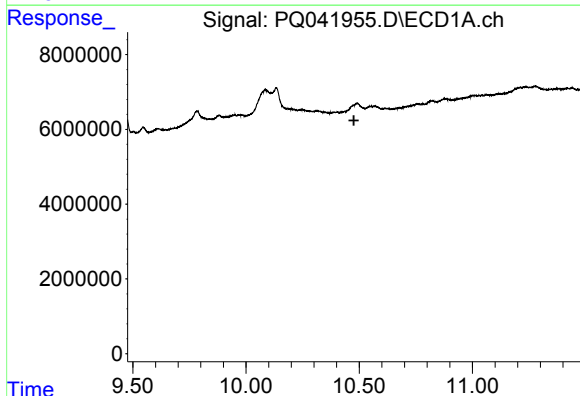
R.T.: 0.000 min  
Exp R.T.: 10.142 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



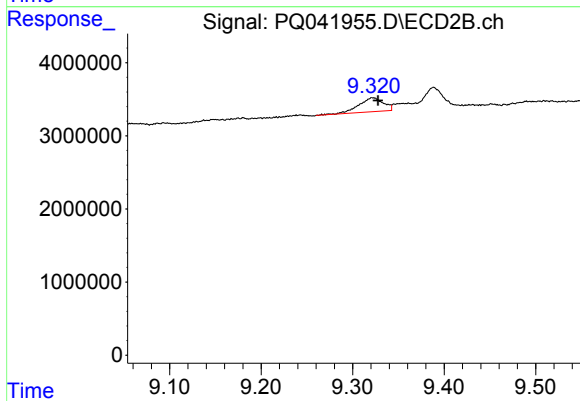
#37 AR-1262-2

R.T.: 9.029 min  
Delta R.T.: -0.006 min  
Response: 5035576  
Conc: 6.80 ng/ml



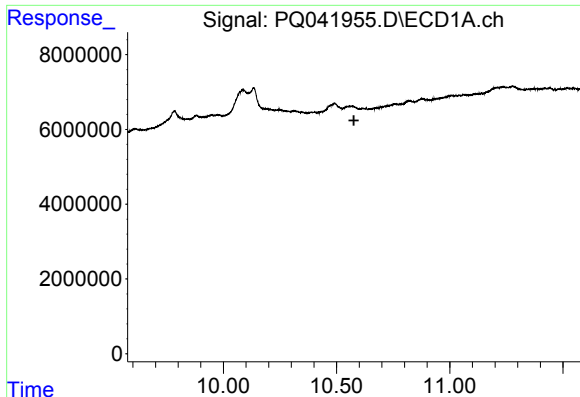
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 10.477 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

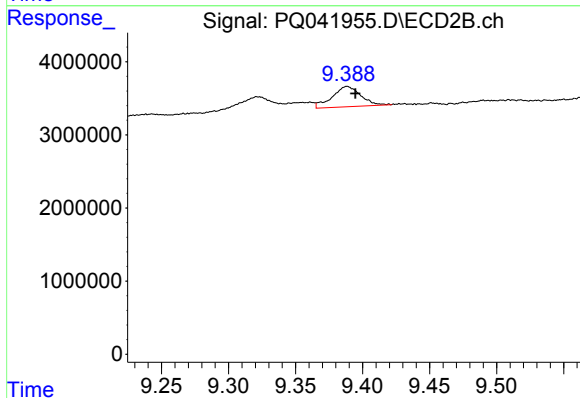
R.T.: 9.321 min  
Delta R.T.: -0.007 min  
Response: 3578556  
Conc: 11.31 ng/ml



#39 AR-1262-4

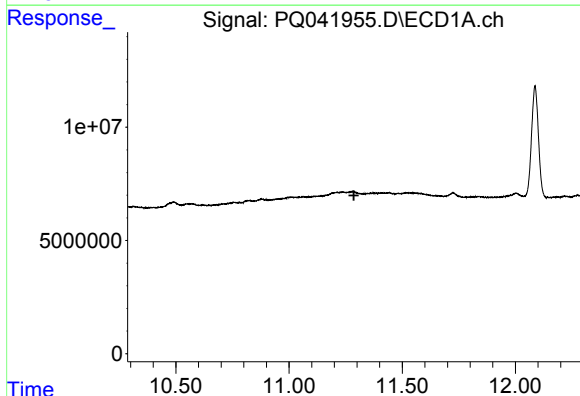
R.T.: 0.000 min  
Exp R.T.: 10.576 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



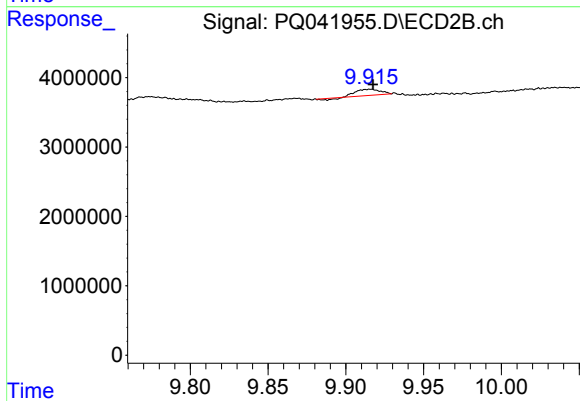
#39 AR-1262-4

R.T.: 9.388 min  
Delta R.T.: -0.006 min  
Response: 4112846  
Conc: 7.31 ng/ml



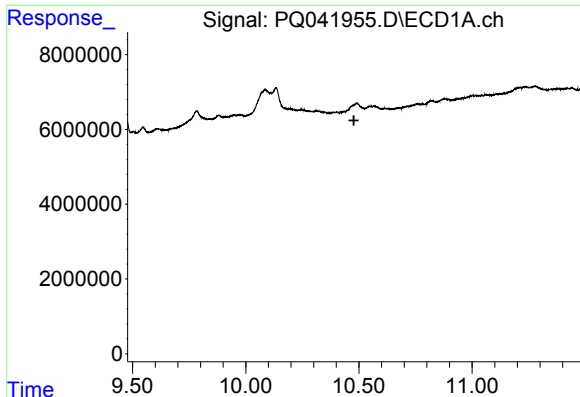
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 11.286 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

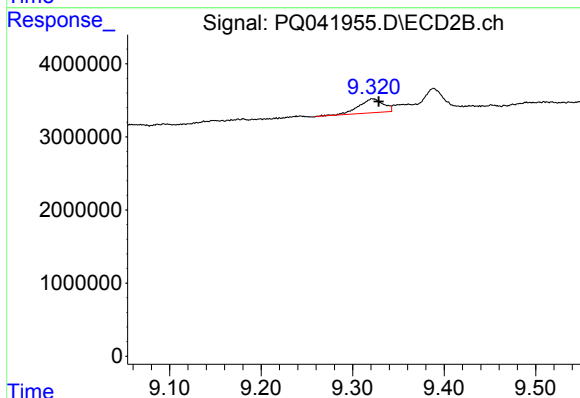
R.T.: 9.916 min  
Delta R.T.: -0.002 min  
Response: 886203  
Conc: 3.10 ng/ml



#41 AR-1268-1

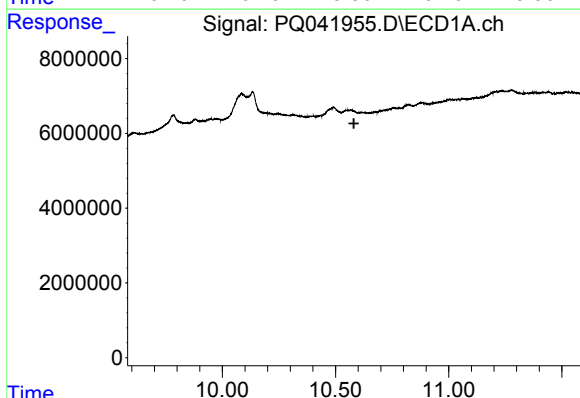
R.T.: 0.000 min  
Exp R.T. : 10.478 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



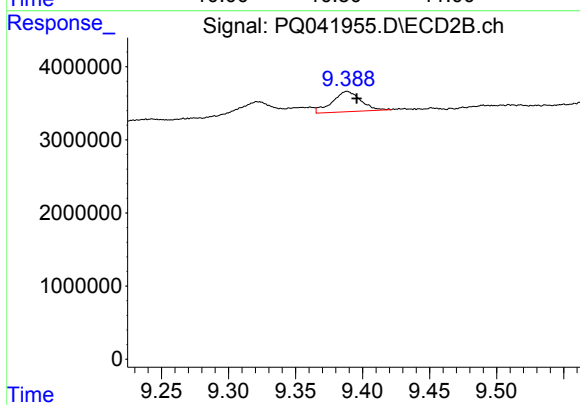
#41 AR-1268-1

R.T.: 9.321 min  
Delta R.T.: -0.008 min  
Response: 3578556  
Conc: 3.13 ng/ml



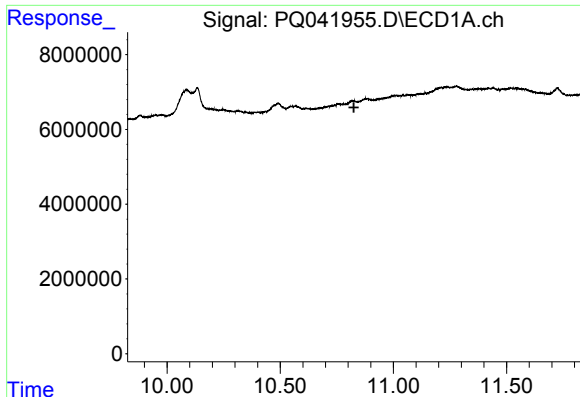
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 10.581 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

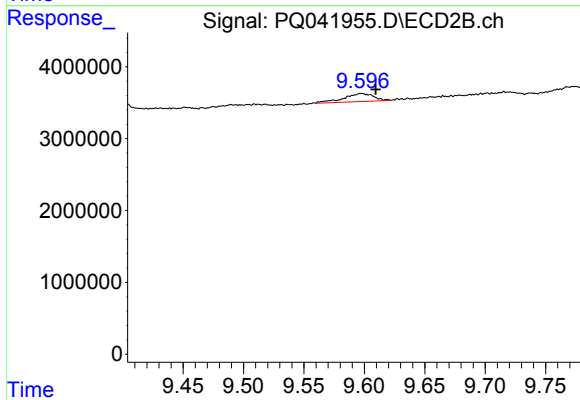
R.T.: 9.388 min  
Delta R.T.: -0.007 min  
Response: 4112846  
Conc: 4.01 ng/ml



#43 AR-1268-3

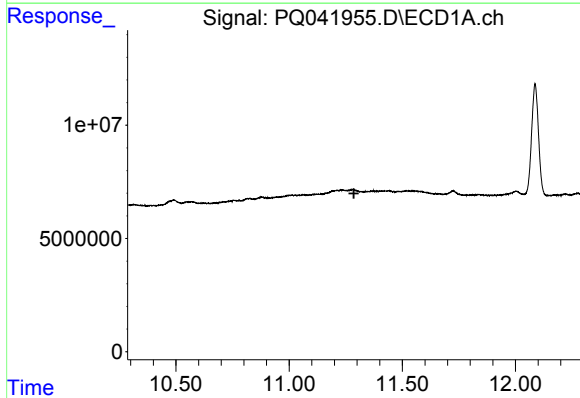
R.T.: 0.000 min  
Exp R.T.: 10.825 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



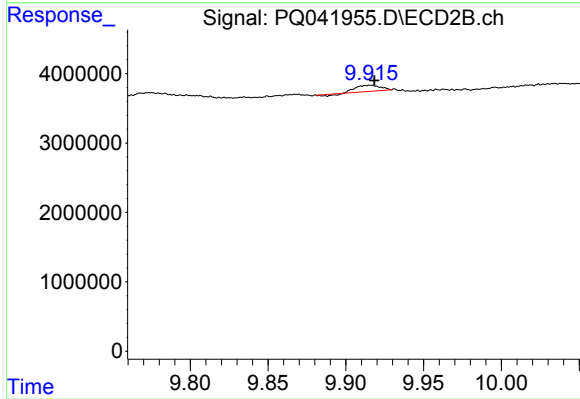
#43 AR-1268-3

R.T.: 9.597 min  
Delta R.T.: -0.012 min  
Response: 1924157  
Conc: 2.21 ng/ml



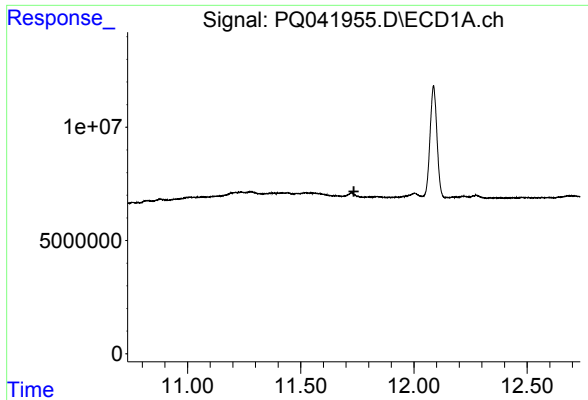
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 11.286 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

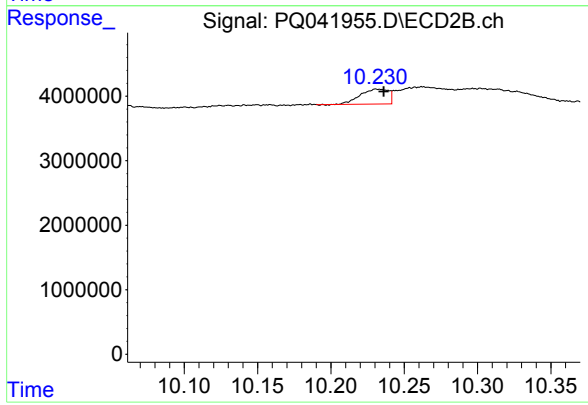
R.T.: 9.916 min  
Delta R.T.: -0.003 min  
Response: 886203  
Conc: 2.30 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 11.735 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BENW4



#45 AR-1268-5

R.T.: 10.231 min  
Delta R.T.: -0.005 min  
Response: 3103355  
Conc: 1.19 ng/ml