

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ051519\  
 Data File : PQ039765.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2019 13:21  
 Operator : AJ\MA  
 Sample : K2768-02  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 P026-SS013-1218-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 04:15:42 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ050919.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 14 17:39:33 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 5.642  | 4.751  | 55065026 | 34067602 | 9.633   | 9.283     |
| 2)                          | SA Decachlor... | 12.007 | 10.496 | 49886698 | 27425945 | 7.721   | 8.277     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 7.117  | 0.000  | 3680771  | 0        | 19.329  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 7.117  | 0.000  | 3680771  | 0        | 13.118  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 7.634  | 0.000  | 2972676  | 0        | 21.475  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 7.117  | 0.000  | 3680771  | 0        | 22.367  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 7.407  | 0.000  | 2690115  | 0        | 46.353  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 7.117  | 0.000  | 3680771  | 0        | 24.557  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 7.117  | 0.000  | 3680771  | 0        | 17.008  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 8.169  | 7.181  | 7988355  | 29585393 | 69.453  | 332.213 # |
| 21)                         | L5 AR-1248-1    | 7.117  | 0.000  | 3680771  | 0        | 29.840  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 7.407  | 0.000  | 2690115  | 0        | 16.745  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 7.634  | 0.000  | 2972676  | 0        | 15.197  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 8.124  | 0.000  | 14919869 | 0        | 68.277  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 8.169  | 7.181  | 7988355  | 29585393 | 37.620  | 208.247 # |
| 26)                         | L6 AR-1254-1    | 8.056  | 7.181  | 70768767 | 29585393 | 302.089 | 126.836 # |
| 27)                         | L6 AR-1254-2    | 8.294  | 0.000  | 30387250 | 0        | 84.114  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 8.704  | 0.000  | 33078865 | 0        | 87.429  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 8.989  | 0.000  | 35617794 | 0        | 133.070 | N.D. #    |
| 30)                         | L6 AR-1254-5    | 9.429  | 0.000  | 33396859 | 0        | 117.139 | N.D. #    |
| 31)                         | L7 AR-1260-1    | 8.882  | 0.000  | 15180298 | 0        | 59.534  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 9.177  | 8.112  | 14636715 | 16161118 | 46.960  | 73.653 #  |
| 33)                         | L7 AR-1260-3    | 9.503  | 0.000  | 17562743 | 0        | 70.261  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 9.775  | 0.000  | 8399624  | 0        | 29.113  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 10.090 | 0.000  | 22233802 | 0        | 37.616  | N.D. #    |
| 36)                         | L8 AR-1262-1    | 9.503  | 0.000  | 17562743 | 0        | 43.105  | N.D. #    |
| 37)                         | L8 AR-1262-2    | 10.090 | 0.000  | 22233802 | 0        | 30.291  | N.D. #    |
| 38)                         | L8 AR-1262-3    | 10.441 | 0.000  | 11731648 | 0        | 23.897  | N.D. #    |
| 39)                         | L8 AR-1262-4    | 10.498 | 0.000  | 7145514  | 0        | 18.170  | N.D. #    |
| 40)                         | L8 AR-1262-5    | 11.217 | 0.000  | 10611464 | 0        | 42.689  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 10.441 | 0.000  | 11731648 | 0        | 14.045  | N.D. #    |
| 42)                         | L9 AR-1268-2    | 10.498 | 0.000  | 7145514  | 0        | 8.826   | N.D. #    |
| 43)                         | L9 AR-1268-3    | 10.850 | 0.000  | 1844692  | 0        | 2.713   | N.D. #    |
| 44)                         | L9 AR-1268-4    | 11.217 | 0.000  | 10611464 | 0        | 40.166  | N.D. #    |
| 45)                         | L9 AR-1268-5    | 11.662 | 0.000  | 3436706  | 0        | 1.624   | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

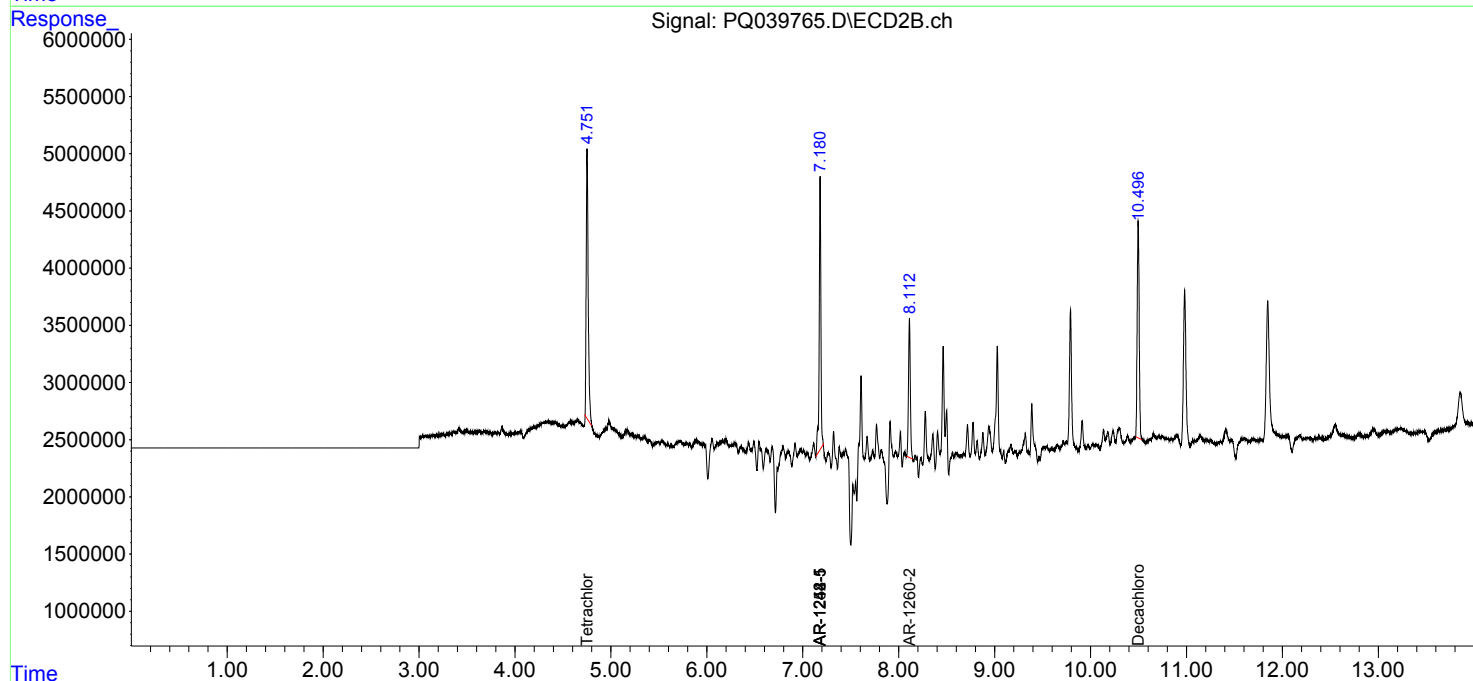
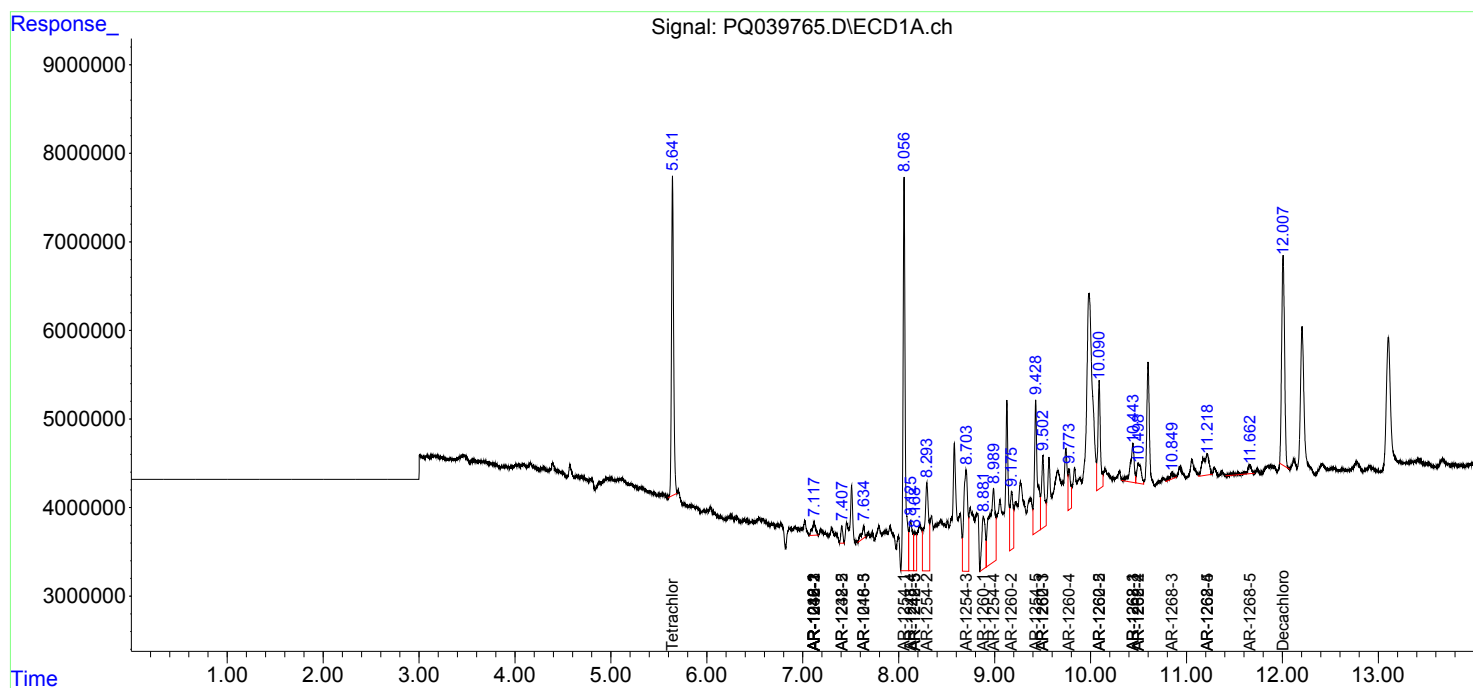
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

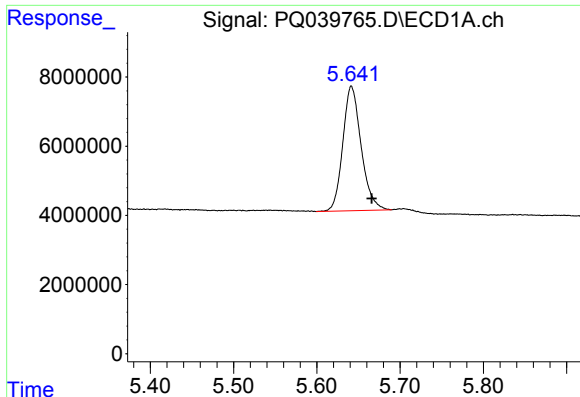
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ051519\  
Data File : PQ039765.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2019 13:21  
Operator : AJ\MA  
Sample : K2768-02  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 04:15:42 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ050919.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 14 17:39:33 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

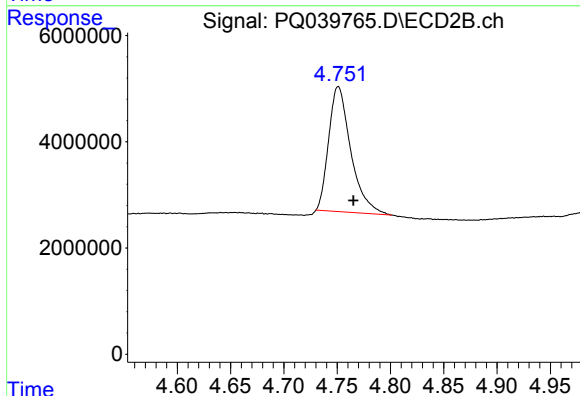




#1 Tetrachloro-m-xylene

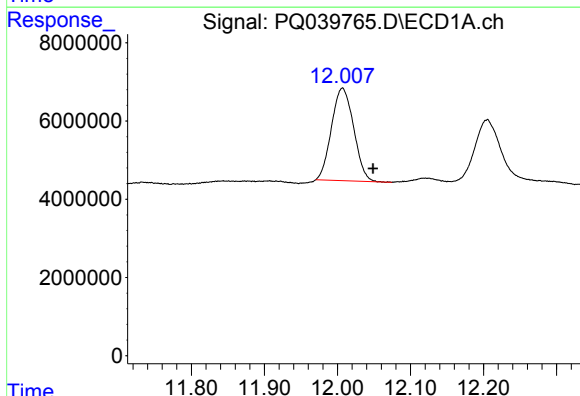
R.T.: 5.642 min  
Delta R.T.: -0.024 min  
Response: 55065026  
Conc: 9.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



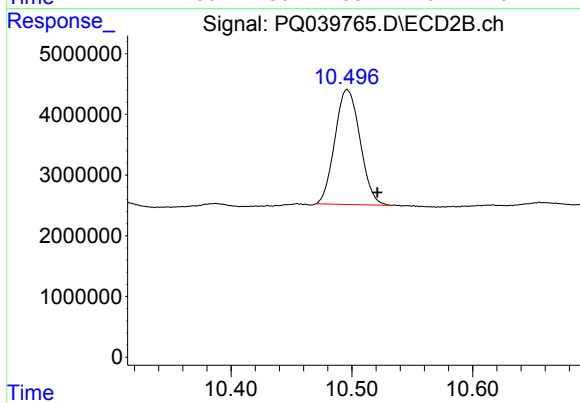
#1 Tetrachloro-m-xylene

R.T.: 4.751 min  
Delta R.T.: -0.014 min  
Response: 34067602  
Conc: 9.28 ng/ml



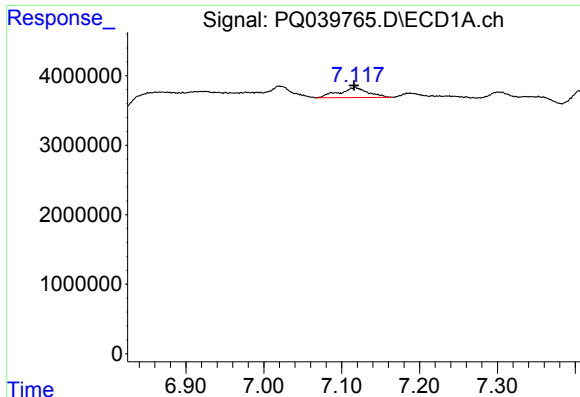
#2 Decachlorobiphenyl

R.T.: 12.007 min  
Delta R.T.: -0.042 min  
Response: 49886698  
Conc: 7.72 ng/ml



#2 Decachlorobiphenyl

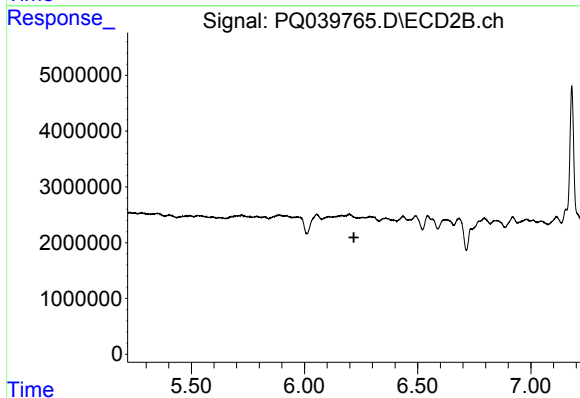
R.T.: 10.496 min  
Delta R.T.: -0.025 min  
Response: 27425945  
Conc: 8.28 ng/ml



#3 AR-1016-1

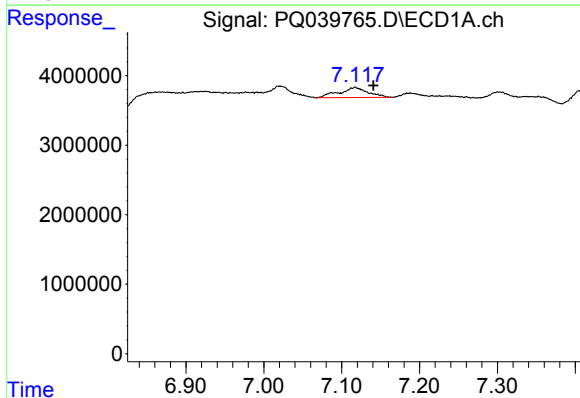
R.T.: 7.117 min  
Delta R.T.: 0.002 min  
Response: 3680771  
Conc: 19.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



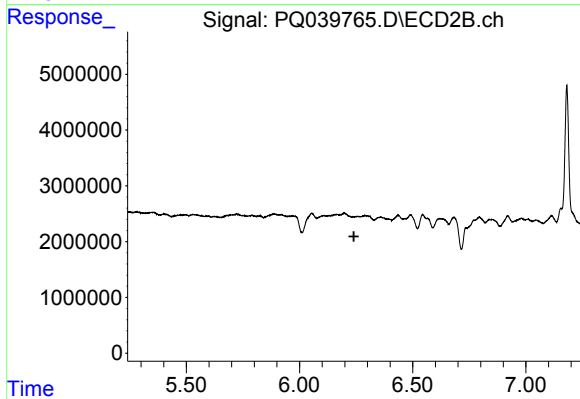
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 6.218 min  
Response: 0  
Conc: N.D.



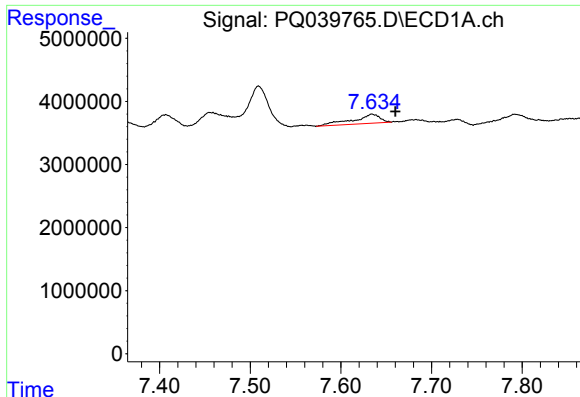
#4 AR-1016-2

R.T.: 7.117 min  
Delta R.T.: -0.023 min  
Response: 3680771  
Conc: 13.12 ng/ml



#4 AR-1016-2

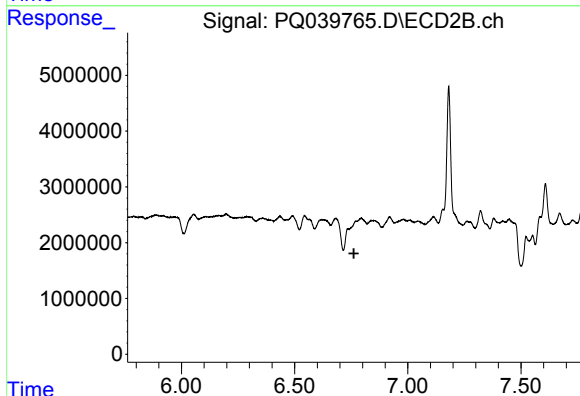
R.T.: 0.000 min  
Exp R.T. : 6.240 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

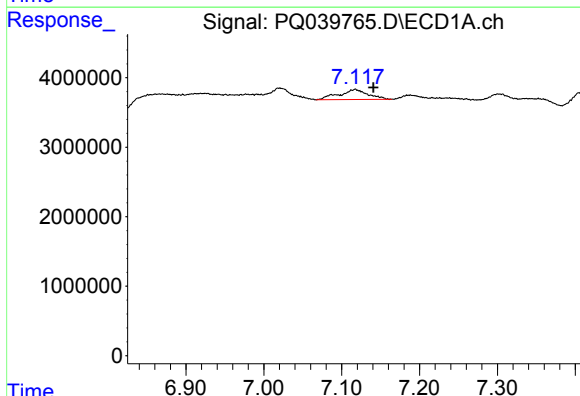
R.T.: 7.634 min  
Delta R.T.: -0.026 min  
Response: 2972676  
Conc: 21.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



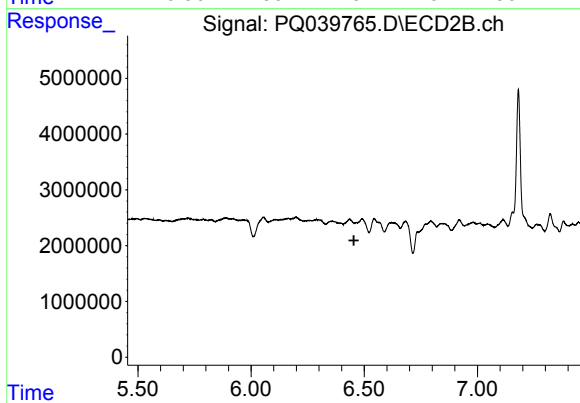
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.762 min  
Response: 0  
Conc: N.D.



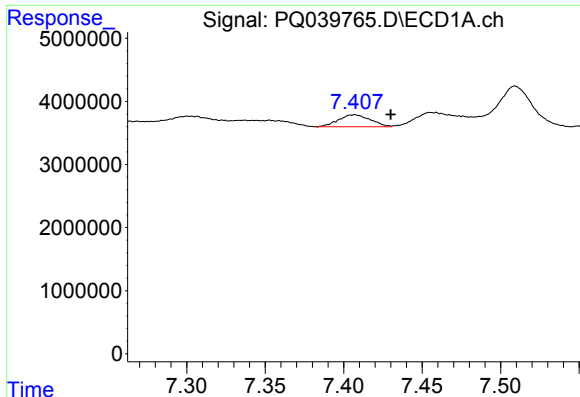
#13 AR-1232-3

R.T.: 7.117 min  
Delta R.T.: -0.023 min  
Response: 3680771  
Conc: 22.37 ng/ml



#13 AR-1232-3

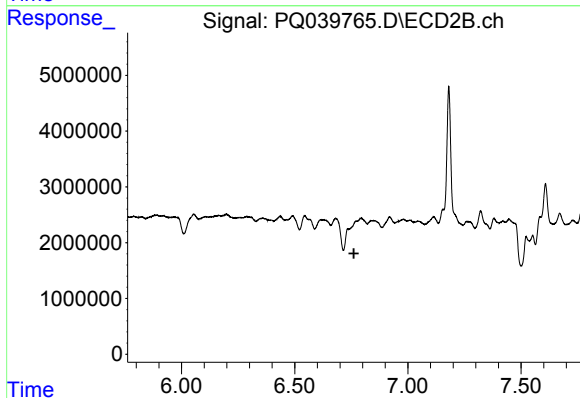
R.T.: 0.000 min  
Exp R.T. : 6.454 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

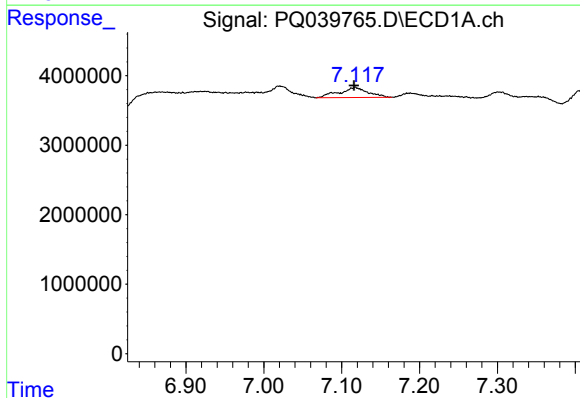
R.T.: 7.407 min  
Delta R.T.: -0.023 min  
Response: 2690115  
Conc: 46.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



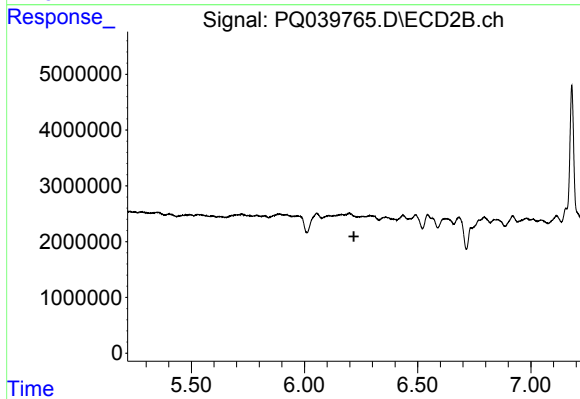
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.761 min  
Response: 0  
Conc: N.D.



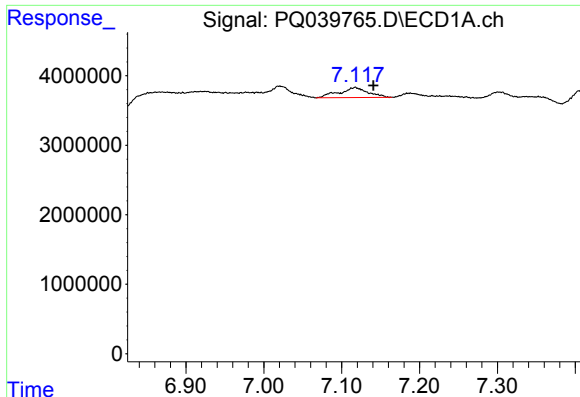
#16 AR-1242-1

R.T.: 7.117 min  
Delta R.T.: 0.002 min  
Response: 3680771  
Conc: 24.56 ng/ml



#16 AR-1242-1

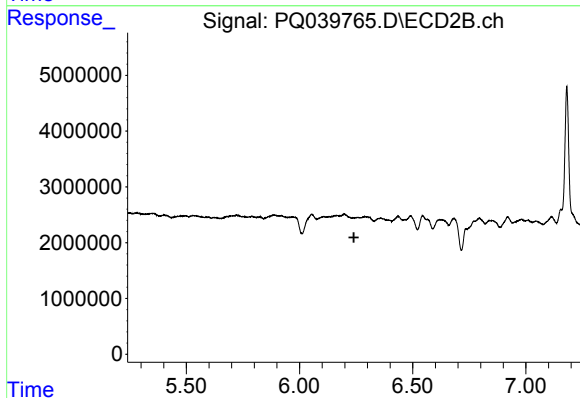
R.T.: 0.000 min  
Exp R.T. : 6.218 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

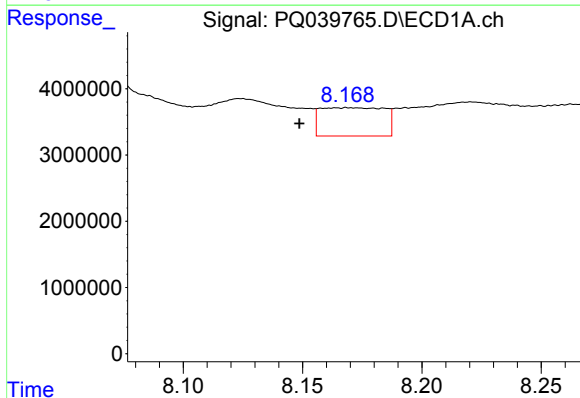
R.T.: 7.117 min  
Delta R.T.: -0.023 min  
Response: 3680771  
Conc: 17.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



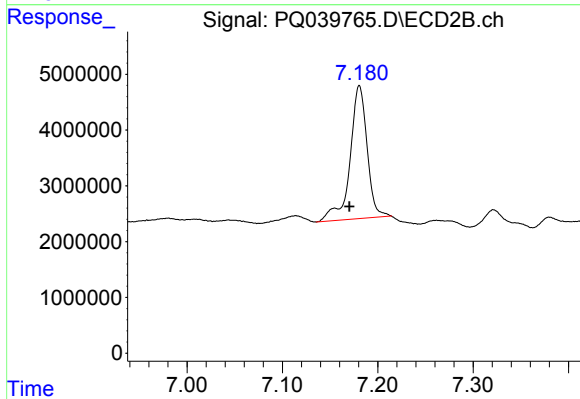
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 6.240 min  
Response: 0  
Conc: N.D.



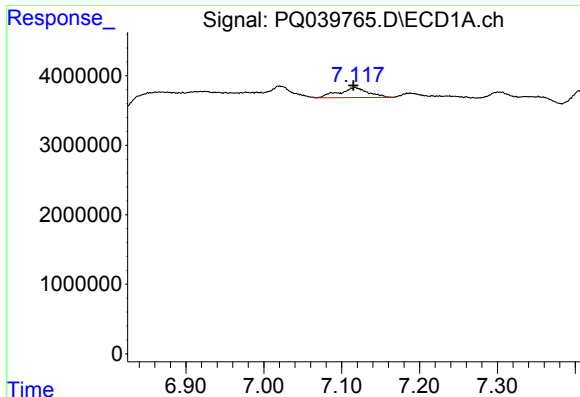
#20 AR-1242-5

R.T.: 8.169 min  
Delta R.T.: 0.020 min  
Response: 7988355  
Conc: 69.45 ng/ml



#20 AR-1242-5

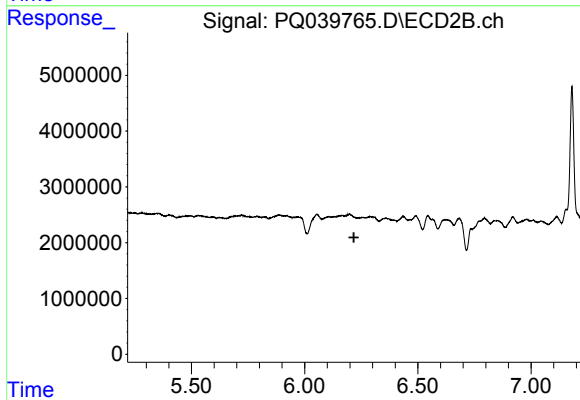
R.T.: 7.181 min  
Delta R.T.: 0.010 min  
Response: 29585393  
Conc: 332.21 ng/ml



#21 AR-1248-1

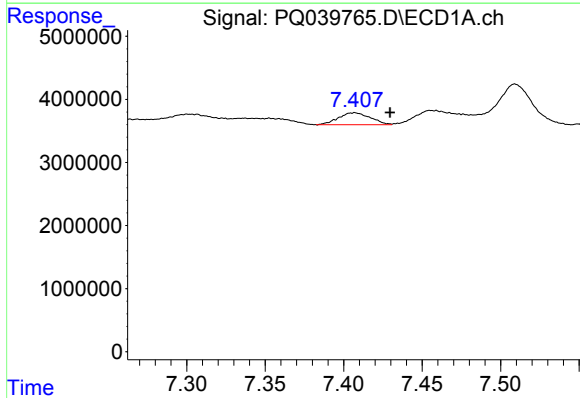
R.T.: 7.117 min  
Delta R.T.: 0.003 min  
Response: 3680771  
Conc: 29.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



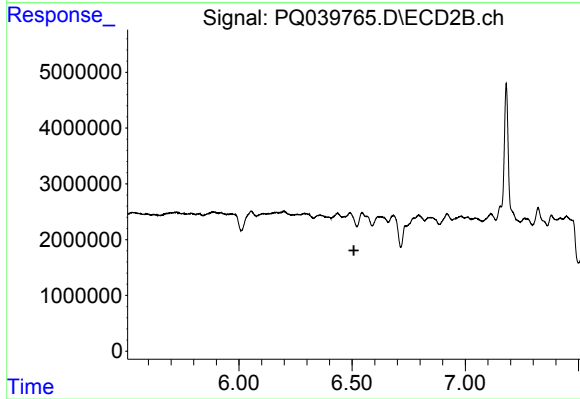
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 6.217 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

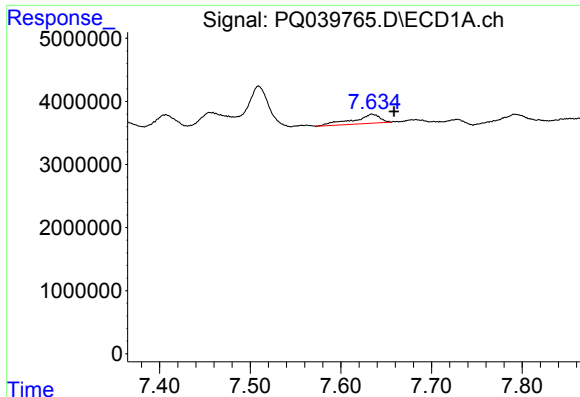
R.T.: 7.407 min  
Delta R.T.: -0.023 min  
Response: 2690115  
Conc: 16.74 ng/ml



#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.508 min  
Response: 0  
Conc: N.D.

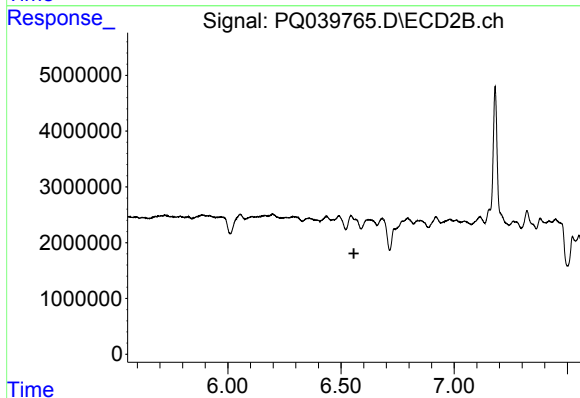




#23 AR-1248-3

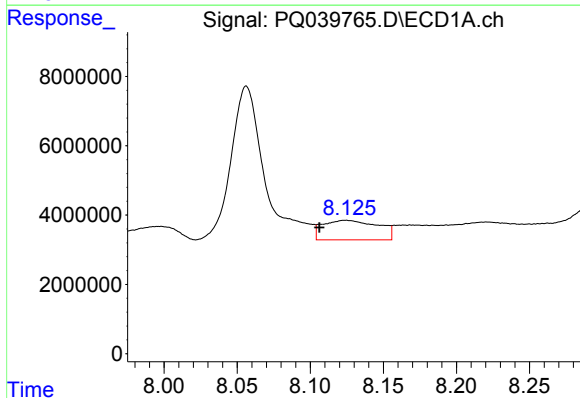
R.T.: 7.634 min  
Delta R.T.: -0.024 min  
Response: 2972676  
Conc: 15.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



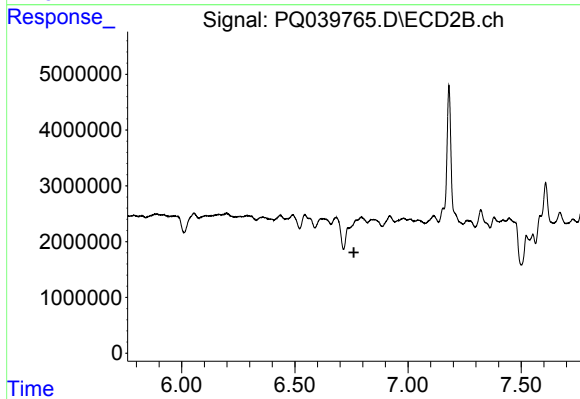
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 6.557 min  
Response: 0  
Conc: N.D.



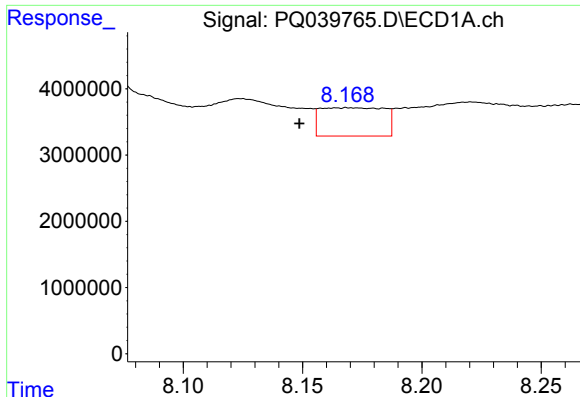
#24 AR-1248-4

R.T.: 8.124 min  
Delta R.T.: 0.018 min  
Response: 14919869  
Conc: 68.28 ng/ml



#24 AR-1248-4

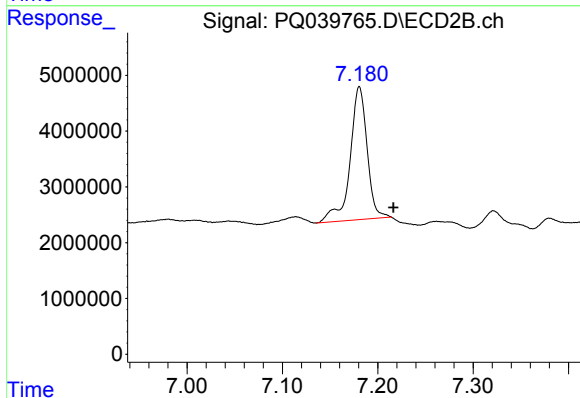
R.T.: 0.000 min  
Exp R.T. : 6.761 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

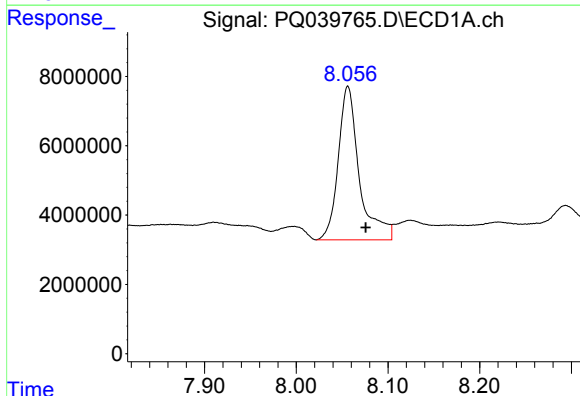
R.T.: 8.169 min  
Delta R.T.: 0.020 min  
Response: 7988355  
Conc: 37.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



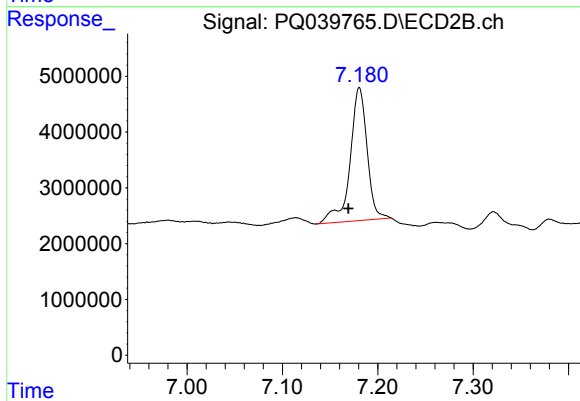
#25 AR-1248-5

R.T.: 7.181 min  
Delta R.T.: -0.036 min  
Response: 29585393  
Conc: 208.25 ng/ml



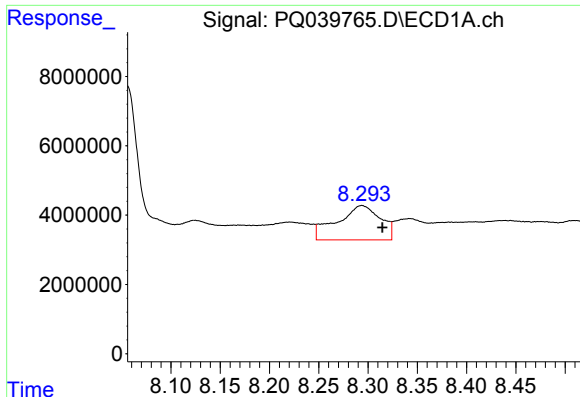
#26 AR-1254-1

R.T.: 8.056 min  
Delta R.T.: -0.020 min  
Response: 70768767  
Conc: 302.09 ng/ml



#26 AR-1254-1

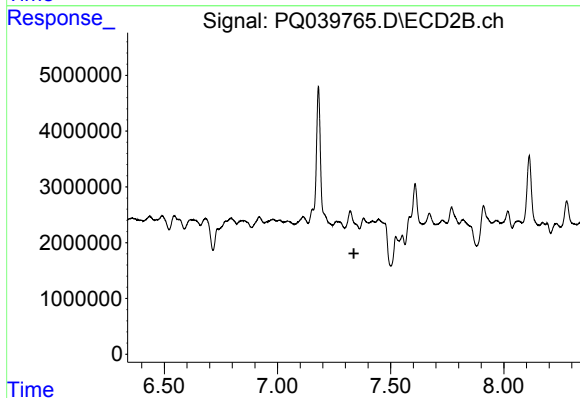
R.T.: 7.181 min  
Delta R.T.: 0.011 min  
Response: 29585393  
Conc: 126.84 ng/ml



#27 AR-1254-2

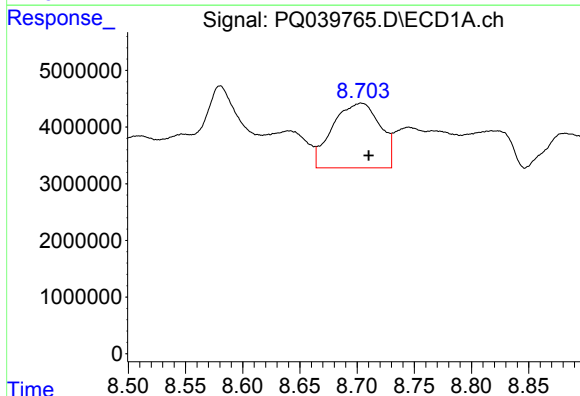
R.T.: 8.294 min  
Delta R.T.: -0.021 min  
Response: 30387250  
Conc: 84.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



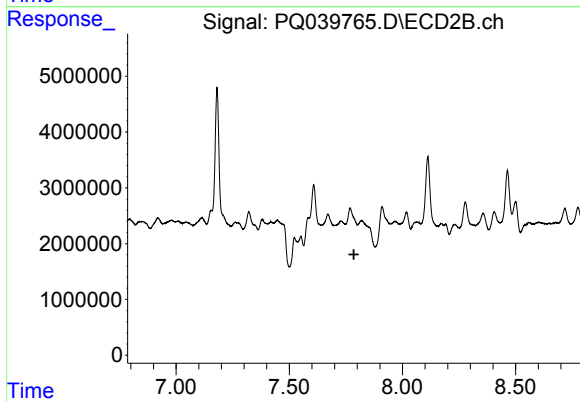
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 7.337 min  
Response: 0  
Conc: N.D.



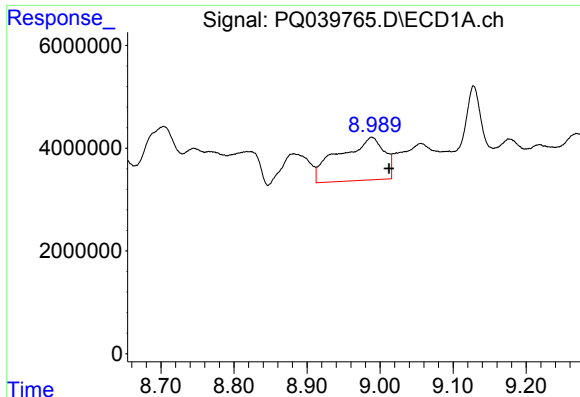
#28 AR-1254-3

R.T.: 8.704 min  
Delta R.T.: -0.006 min  
Response: 33078865  
Conc: 87.43 ng/ml



#28 AR-1254-3

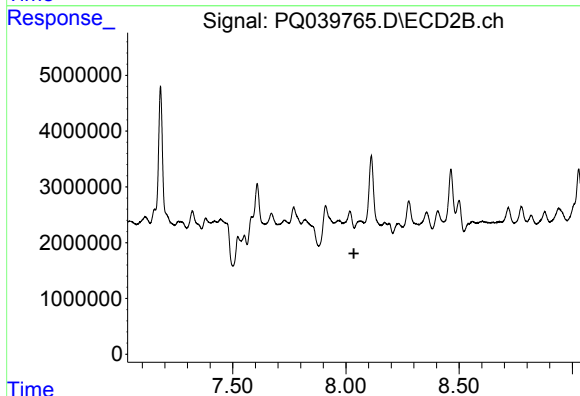
R.T.: 0.000 min  
Exp R.T. : 7.786 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

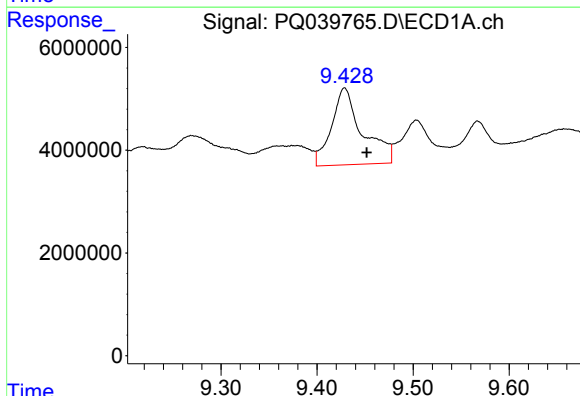
R.T.: 8.989 min  
Delta R.T.: -0.023 min  
Response: 35617794  
Conc: 133.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



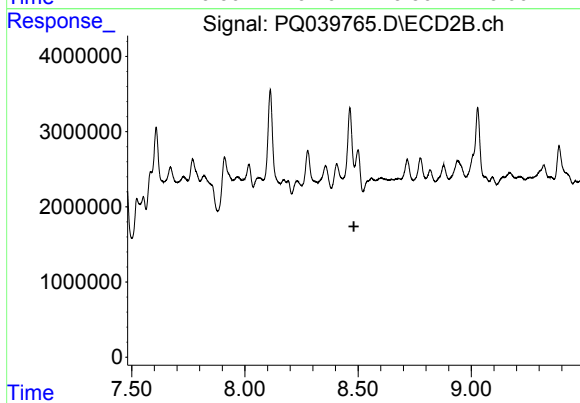
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 8.035 min  
Response: 0  
Conc: N.D.



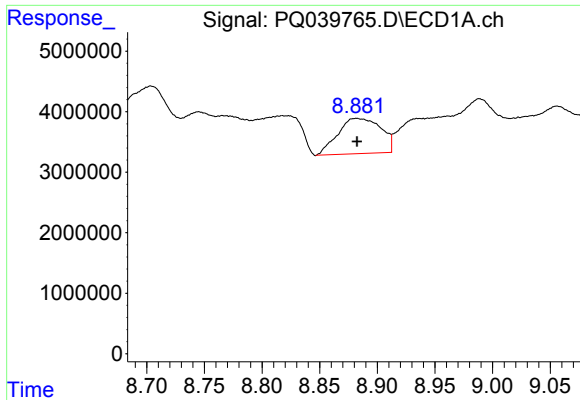
#30 AR-1254-5

R.T.: 9.429 min  
Delta R.T.: -0.023 min  
Response: 33396859  
Conc: 117.14 ng/ml



#30 AR-1254-5

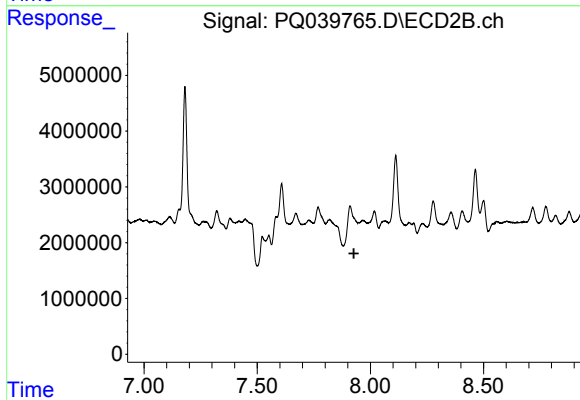
R.T.: 0.000 min  
Exp R.T.: 8.481 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

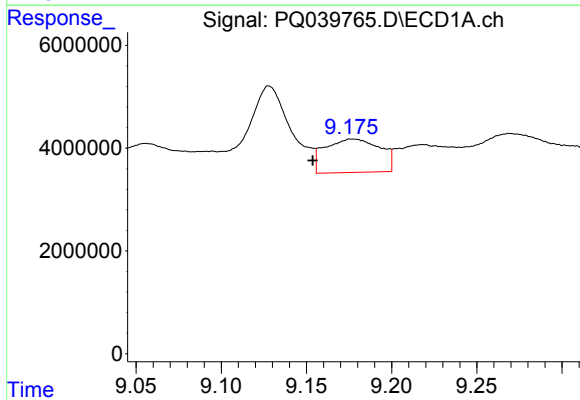
R.T.: 8.882 min  
Delta R.T.: 0.000 min  
Response: 15180298  
Conc: 59.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



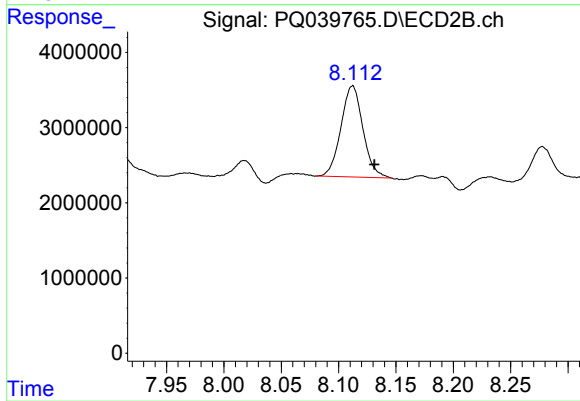
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.927 min  
Response: 0  
Conc: N.D.



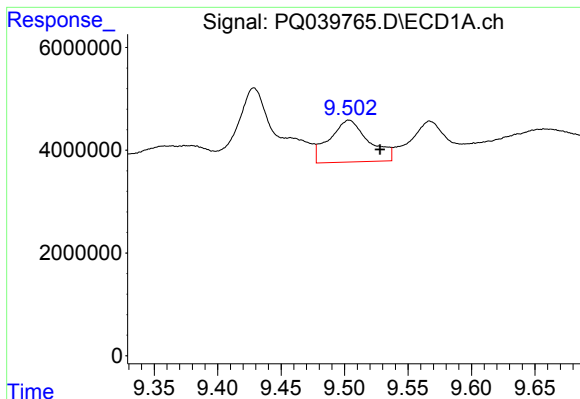
#32 AR-1260-2

R.T.: 9.177 min  
Delta R.T.: 0.024 min  
Response: 14636715  
Conc: 46.96 ng/ml



#32 AR-1260-2

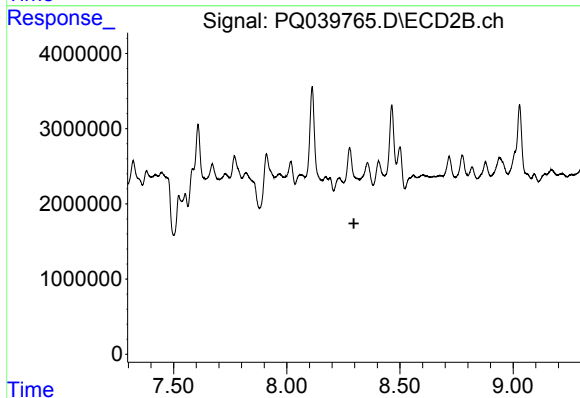
R.T.: 8.112 min  
Delta R.T.: -0.019 min  
Response: 16161118  
Conc: 73.65 ng/ml



#33 AR-1260-3

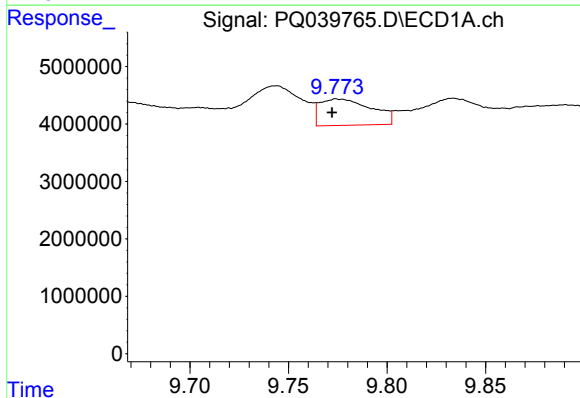
R.T.: 9.503 min  
Delta R.T.: -0.025 min  
Response: 17562743  
Conc: 70.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



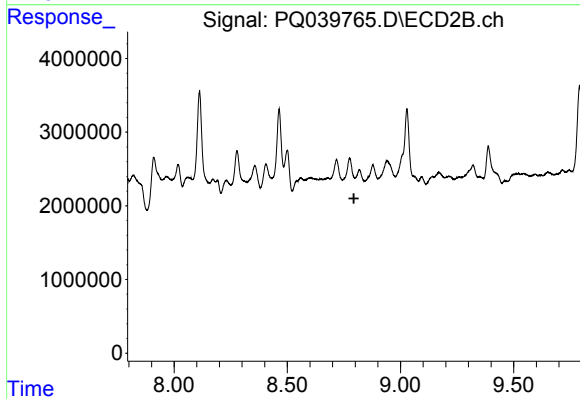
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 8.297 min  
Response: 0  
Conc: N.D.



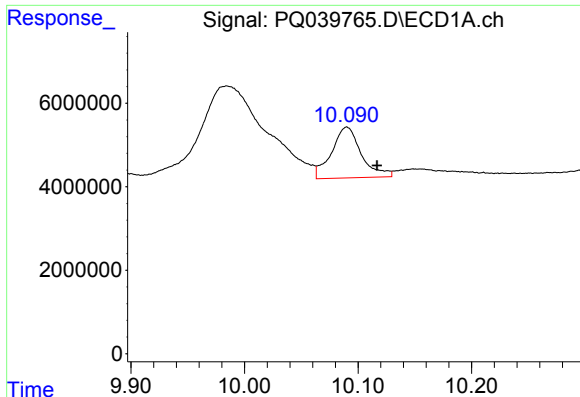
#34 AR-1260-4

R.T.: 9.775 min  
Delta R.T.: 0.003 min  
Response: 8399624  
Conc: 29.11 ng/ml



#34 AR-1260-4

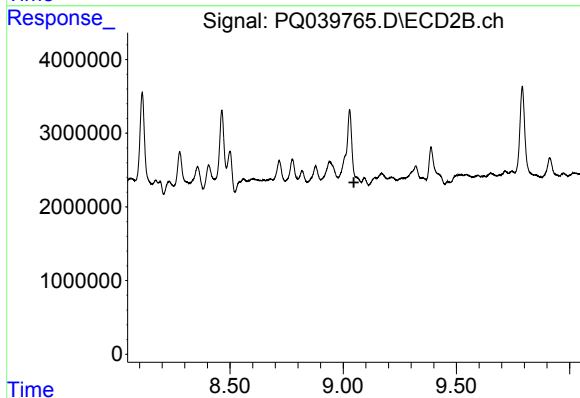
R.T.: 0.000 min  
Exp R.T.: 8.794 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

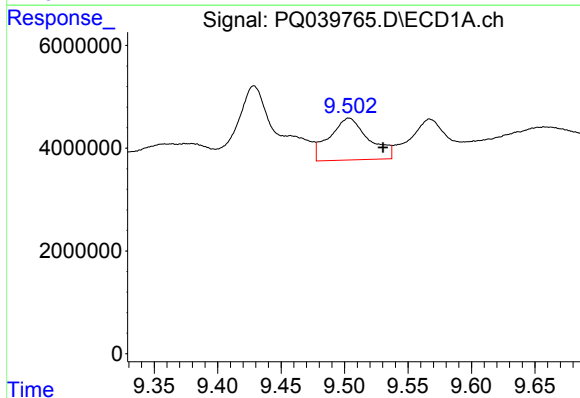
R.T.: 10.090 min  
Delta R.T.: -0.027 min  
Response: 22233802  
Conc: 37.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



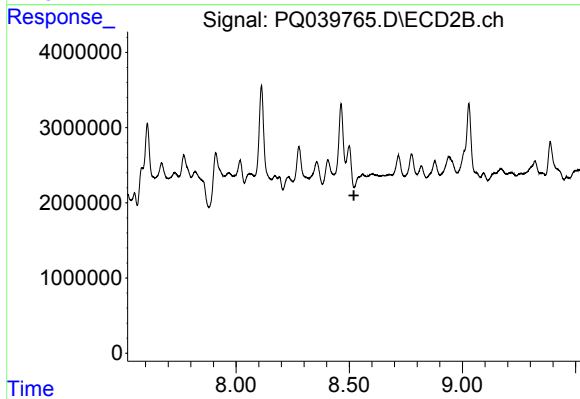
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 9.047 min  
Response: 0  
Conc: N.D.



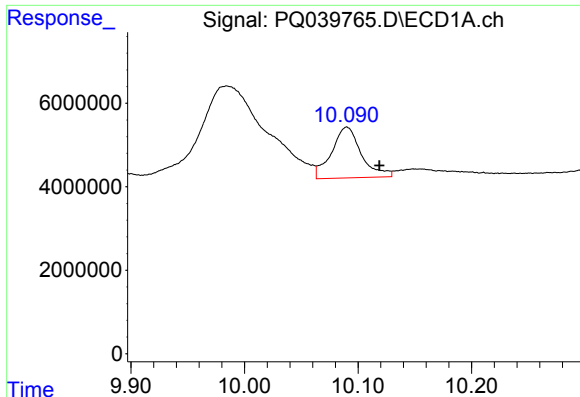
#36 AR-1262-1

R.T.: 9.503 min  
Delta R.T.: -0.027 min  
Response: 17562743  
Conc: 43.10 ng/ml



#36 AR-1262-1

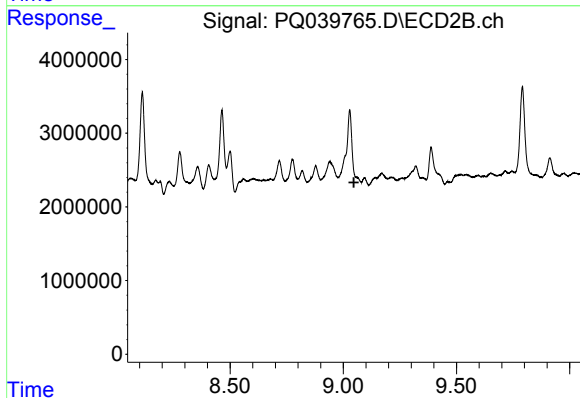
R.T.: 0.000 min  
Exp R.T. : 8.520 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

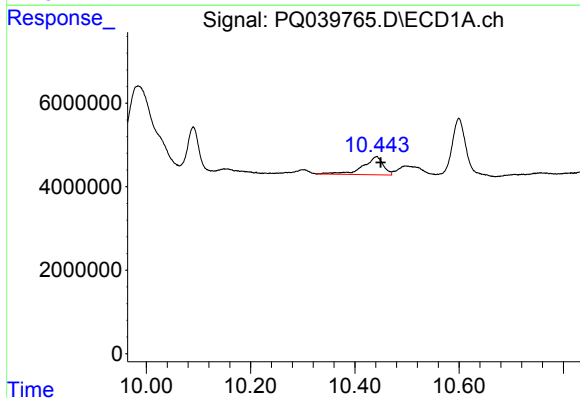
R.T.: 10.090 min  
Delta R.T.: -0.029 min  
Response: 22233802  
Conc: 30.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



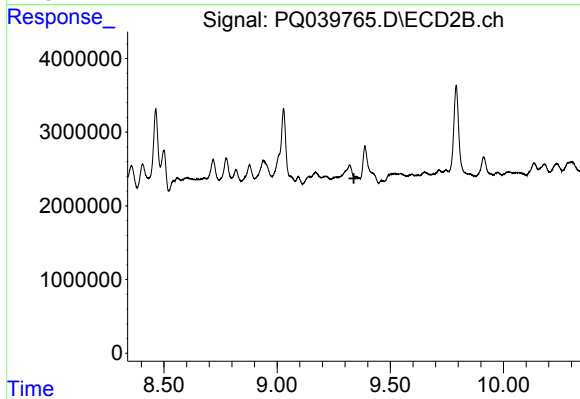
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 9.047 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

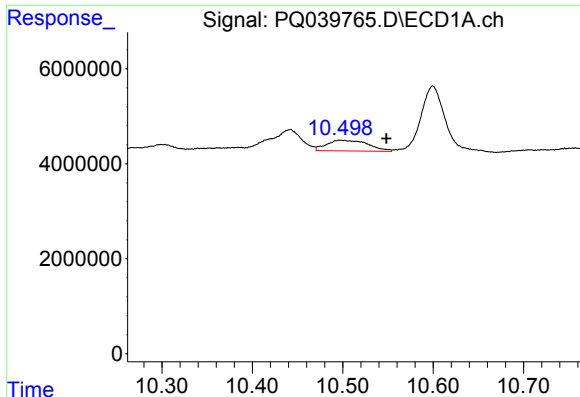
R.T.: 10.441 min  
Delta R.T.: -0.008 min  
Response: 11731648  
Conc: 23.90 ng/ml



#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 9.339 min  
Response: 0  
Conc: N.D.

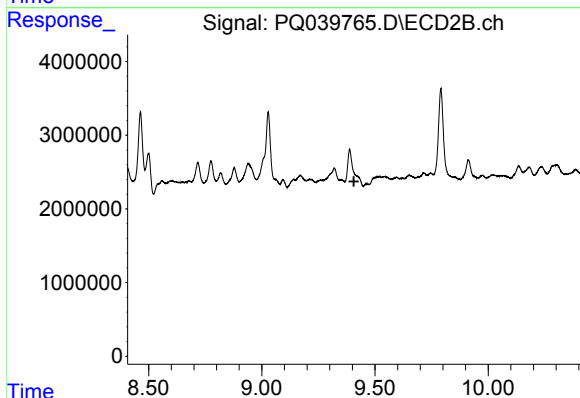




#39 AR-1262-4

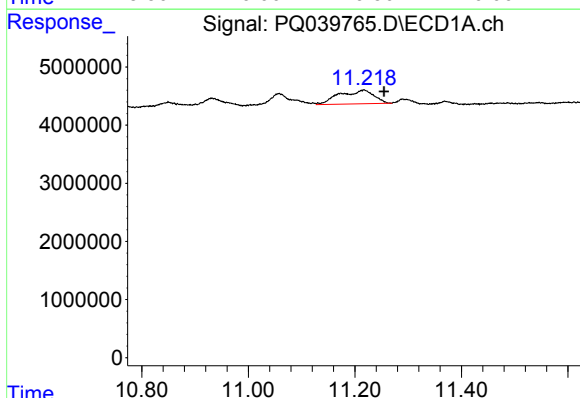
R.T.: 10.498 min  
Delta R.T.: -0.050 min  
Response: 7145514  
Conc: 18.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



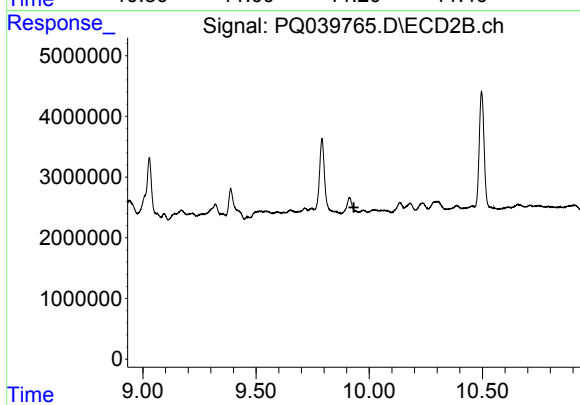
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.407 min  
Response: 0  
Conc: N.D.



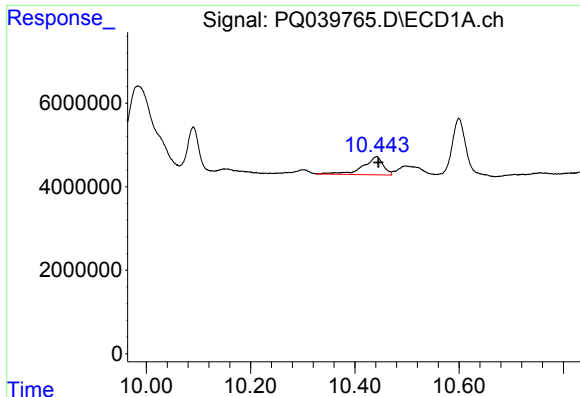
#40 AR-1262-5

R.T.: 11.217 min  
Delta R.T.: -0.038 min  
Response: 10611464  
Conc: 42.69 ng/ml



#40 AR-1262-5

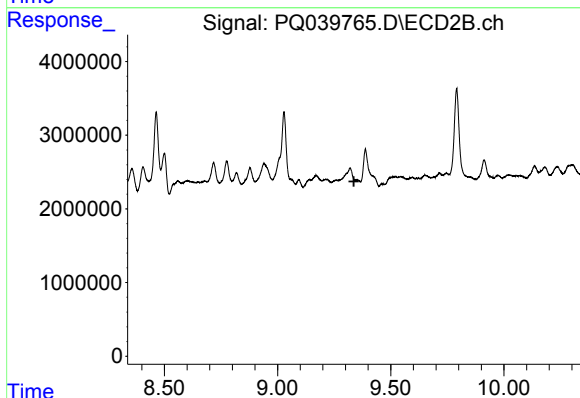
R.T.: 0.000 min  
Exp R.T. : 9.932 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

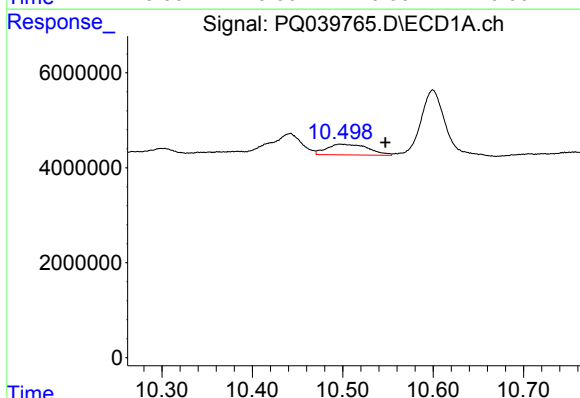
R.T.: 10.441 min  
Delta R.T.: -0.004 min  
Response: 11731648  
Conc: 14.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



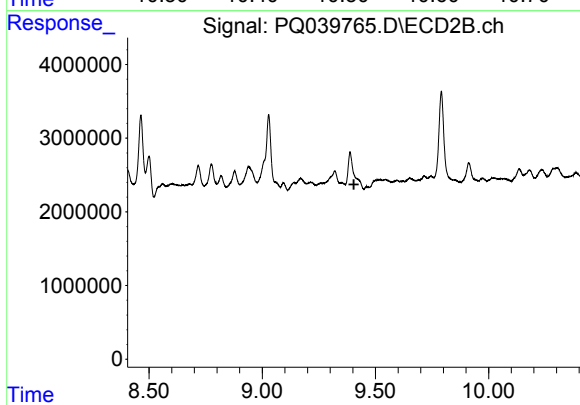
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.337 min  
Response: 0  
Conc: N.D.



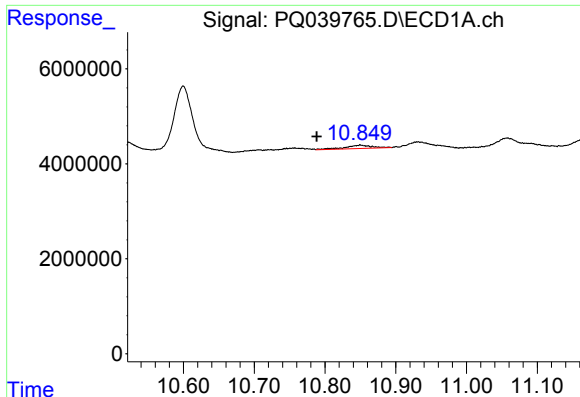
#42 AR-1268-2

R.T.: 10.498 min  
Delta R.T.: -0.049 min  
Response: 7145514  
Conc: 8.83 ng/ml



#42 AR-1268-2

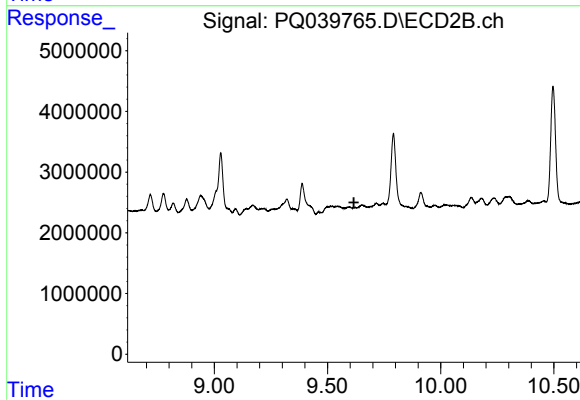
R.T.: 0.000 min  
Exp R.T. : 9.405 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

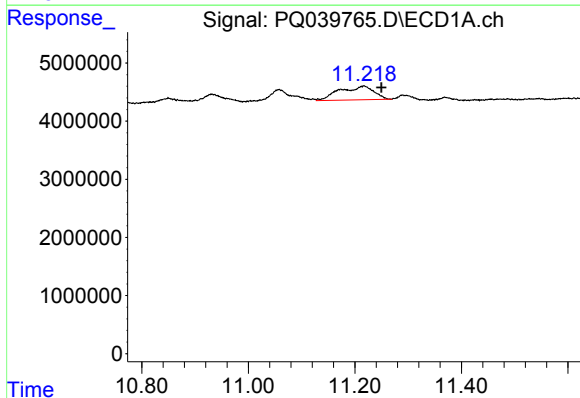
R.T.: 10.850 min  
Delta R.T.: 0.062 min  
Response: 1844692  
Conc: 2.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



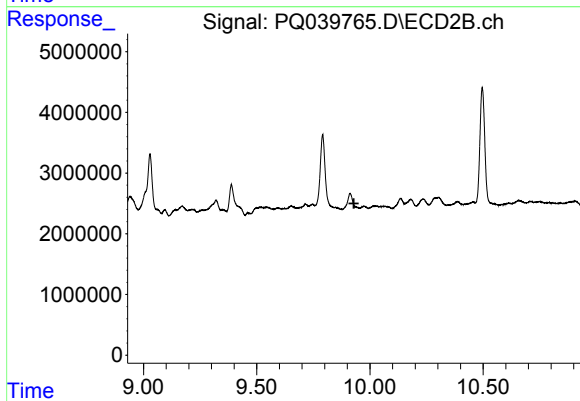
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.616 min  
Response: 0  
Conc: N.D.



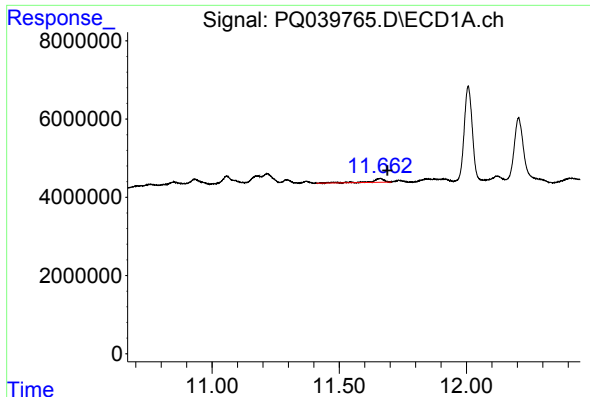
#44 AR-1268-4

R.T.: 11.217 min  
Delta R.T.: -0.033 min  
Response: 10611464  
Conc: 40.17 ng/ml



#44 AR-1268-4

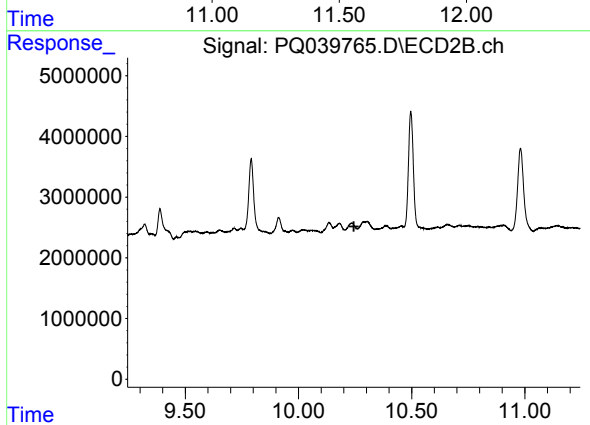
R.T.: 0.000 min  
Exp R.T. : 9.929 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 11.662 min  
Delta R.T.: -0.028 min  
Response: 3436706  
Conc: 1.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P026-SS013-1218-01



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 10.245 min  
Response: 0  
Conc: N.D.