

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032119\  
 Data File : PQ038042.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Mar 2019 17:27  
 Operator : SM\SJ  
 Sample : K1958-05  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 TP-3

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 20 17:44:09 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 | 3.635 | 123.1E6  | 65355641 | 21.156 | 21.161 |
| 2)                          | SA Decachlor... | 9.597 | 8.507 | 84593218 | 40651291 | 17.546 | 18.158 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 3)                          | L1 AR-1016-1    | 5.279 | 0.000 | 358874   | 0        | 1.783  | N.D. # |
| 5)                          | L1 AR-1016-3    | 5.444 | 0.000 | 82935    | 0        | 0.455  | N.D. # |
| 6)                          | L1 AR-1016-4    | 5.465 | 0.000 | 274991   | 0        | 1.838  | N.D. # |
| 7)                          | L1 AR-1016-5    | 5.731 | 0.000 | 87110    | 0        | 0.600  | N.D. # |
| 8)                          | L2 AR-1221-1    | 4.399 | 0.000 | 372402   | 0        | 5.869  | N.D. # |
| 9)                          | L2 AR-1221-2    | 4.482 | 0.000 | 1897571  | 0        | 41.020 | N.D. # |
| 10)                         | L2 AR-1221-3    | 4.587 | 0.000 | 1515702  | 0        | 9.917  | N.D. # |
| 11)                         | L3 AR-1232-1    | 4.587 | 0.000 | 1515702  | 0        | 12.179 | N.D. # |
| 12)                         | L3 AR-1232-2    | 5.077 | 0.000 | 210282   | 0        | 3.571  | N.D. # |
| 14)                         | L3 AR-1232-4    | 5.465 | 0.000 | 274991   | 0        | 4.721  | N.D. # |
| 15)                         | L3 AR-1232-5    | 5.611 | 0.000 | 1314358  | 0        | 30.746 | N.D. # |
| 16)                         | L4 AR-1242-1    | 5.279 | 0.000 | 358874   | 0        | 2.184  | N.D. # |
| 18)                         | L4 AR-1242-3    | 5.444 | 0.000 | 82935    | 0        | 0.562  | N.D. # |
| 19)                         | L4 AR-1242-4    | 5.465 | 0.000 | 274991   | 0        | 2.247  | N.D. # |
| 21)                         | L5 AR-1248-1    | 5.279 | 0.000 | 358874   | 0        | 2.266  | N.D. # |
| 22)                         | L5 AR-1248-2    | 5.611 | 0.000 | 1314358  | 0        | 6.005  | N.D. # |
| 23)                         | L5 AR-1248-3    | 5.731 | 0.000 | 87110    | 0        | 0.355  | N.D. # |
| 24)                         | L5 AR-1248-4    | 6.151 | 0.000 | 5731663  | 0        | 20.492 | N.D. # |
| 26)                         | L6 AR-1254-1    | 6.151 | 0.000 | 5731663  | 0        | 29.175 | N.D. # |
| 27)                         | L6 AR-1254-2    | 6.369 | 5.636 | 8259287  | 3577407  | 26.948 | 27.572 |
| 28)                         | L6 AR-1254-3    | 6.742 | 6.027 | 2218574  | 1269359  | 7.124  | 6.001  |
| 29)                         | L6 AR-1254-4    | 7.082 | 0.000 | 1208998  | 0        | 4.763  | N.D. # |
| 30)                         | L6 AR-1254-5    | 7.438 | 0.000 | 1651697  | 0        | 5.598  | N.D. # |
| 32)                         | L7 AR-1260-2    | 7.147 | 0.000 | 2008559  | 0        | 5.827  | N.D. # |
| 33)                         | L7 AR-1260-3    | 7.438 | 0.000 | 1651697  | 0        | 5.824  | N.D. # |
| 34)                         | L7 AR-1260-4    | 7.715 | 0.000 | 881253   | 0        | 3.273  | N.D. # |
| 35)                         | L7 AR-1260-5    | 8.077 | 0.000 | 1562799  | 0        | 2.481  | N.D. # |
| 36)                         | L8 AR-1262-1    | 7.588 | 0.000 | 1103817  | 0        | 7.147  | N.D. # |
| 37)                         | L8 AR-1262-2    | 7.967 | 0.000 | 2021137  | 0        | 2.881  | N.D. # |
| 40)                         | L8 AR-1262-5    | 9.038 | 0.000 | 5094534  | 0        | 21.321 | N.D. # |
| 43)                         | L9 AR-1268-3    | 8.570 | 0.000 | 1102638  | 0        | 1.681  | N.D. # |
| 44)                         | L9 AR-1268-4    | 9.038 | 0.000 | 5094534  | 0        | 19.681 | N.D. # |
| 45)                         | L9 AR-1268-5    | 9.319 | 0.000 | 3329306  | 0        | 1.705  | N.D. # |
| -----                       |                 |       |       |          |          |        |        |

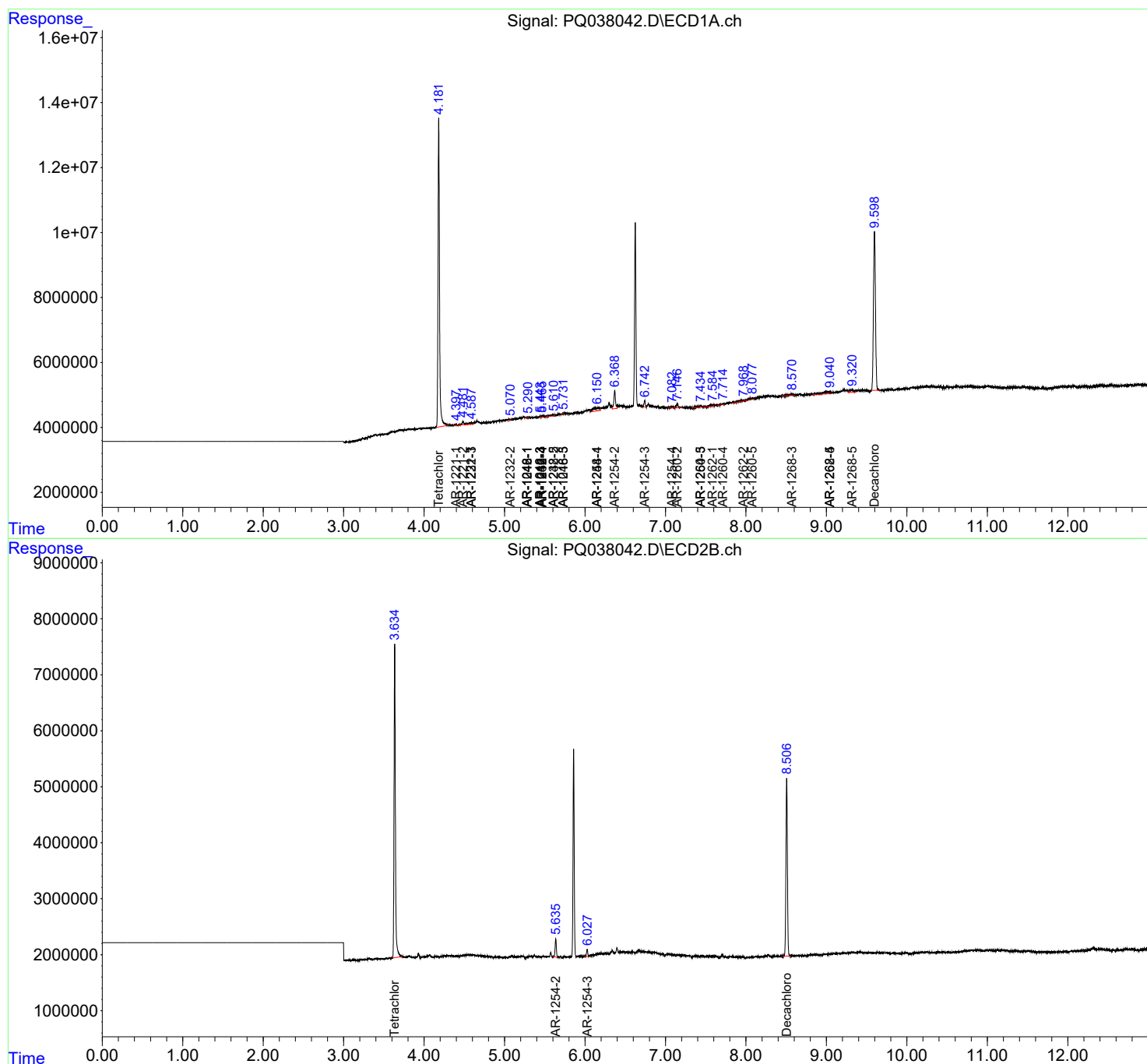
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

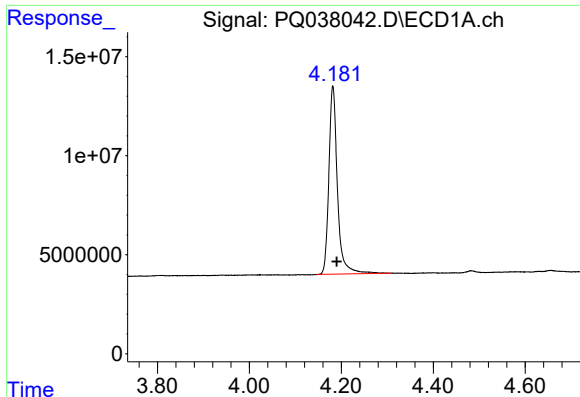
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032119\  
Data File : PQ038042.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Mar 2019 17:27  
Operator : SM\SJ  
Sample : K1958-05  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 20 17:44:09 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

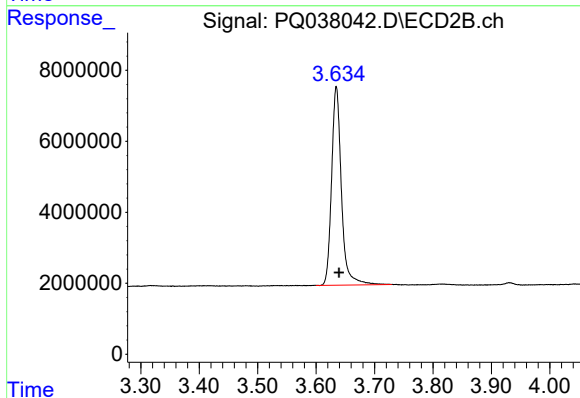




#1 Tetrachloro-m-xylene

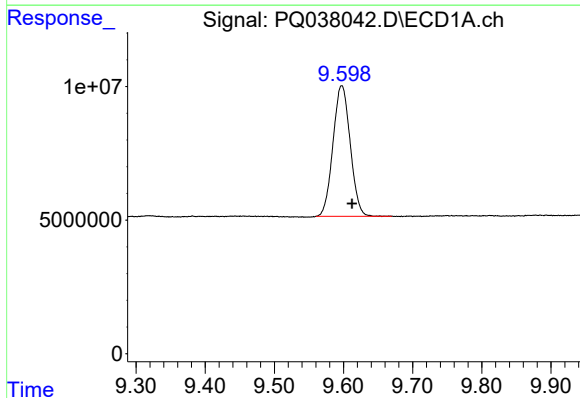
R.T.: 4.182 min  
Delta R.T.: -0.008 min  
Response: 123097629  
Conc: 21.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



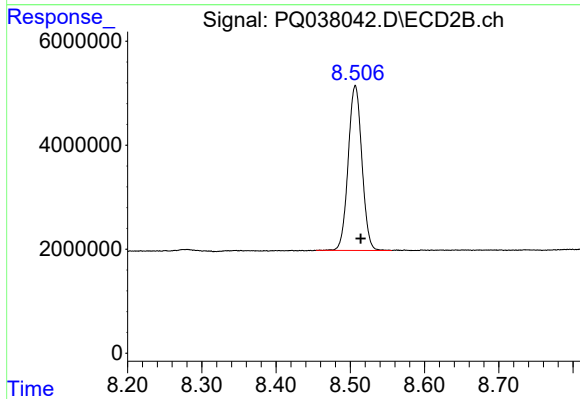
#1 Tetrachloro-m-xylene

R.T.: 3.635 min  
Delta R.T.: -0.004 min  
Response: 65355641  
Conc: 21.16 ng/ml



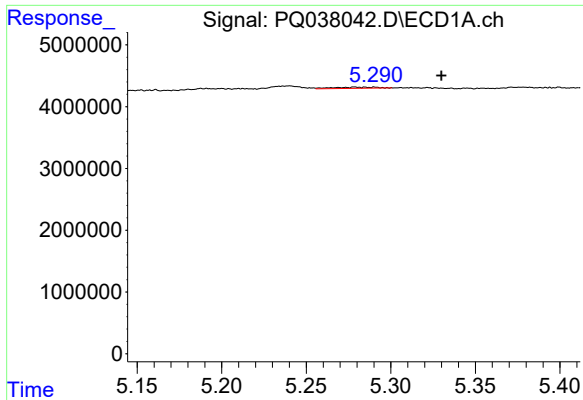
#2 Decachlorobiphenyl

R.T.: 9.597 min  
Delta R.T.: -0.015 min  
Response: 84593218  
Conc: 17.55 ng/ml



#2 Decachlorobiphenyl

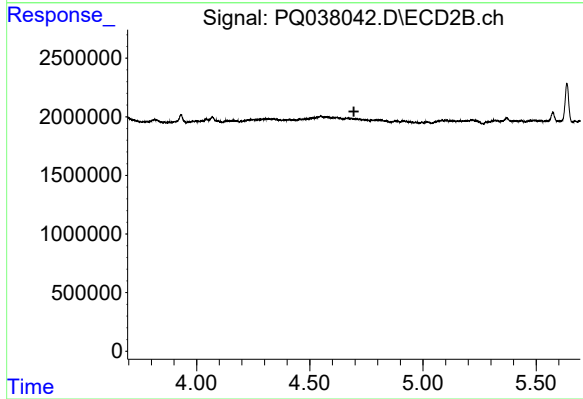
R.T.: 8.507 min  
Delta R.T.: -0.007 min  
Response: 40651291  
Conc: 18.16 ng/ml



#3 AR-1016-1

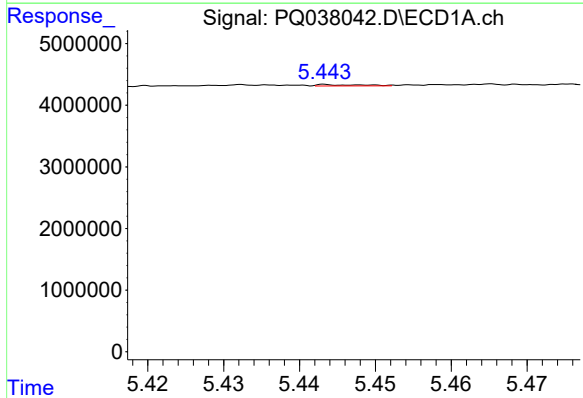
R.T.: 5.279 min  
Delta R.T.: -0.051 min  
Response: 358874  
Conc: 1.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



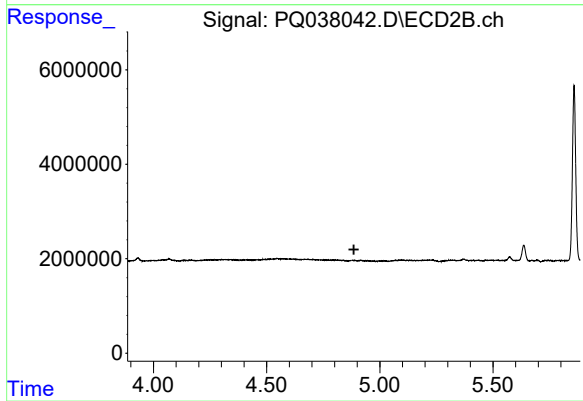
#3 AR-1016-1

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



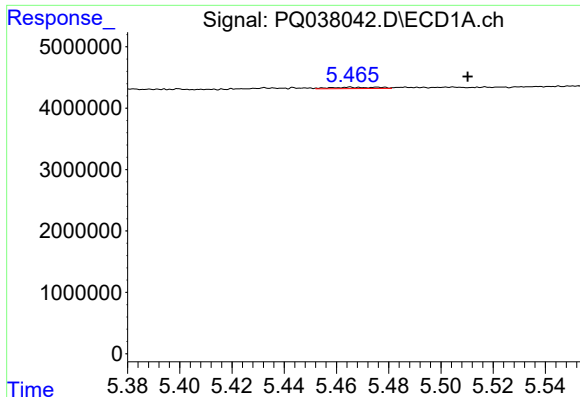
#5 AR-1016-3

R.T.: 5.444 min  
Delta R.T.: 0.033 min  
Response: 82935  
Conc: 0.46 ng/ml



#5 AR-1016-3

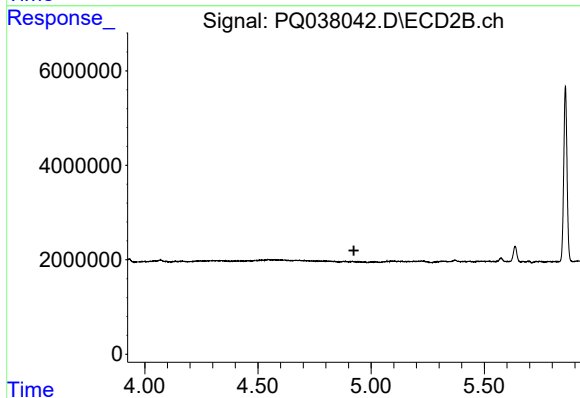
R.T.: 0.000 min  
Exp R.T. : 4.885 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

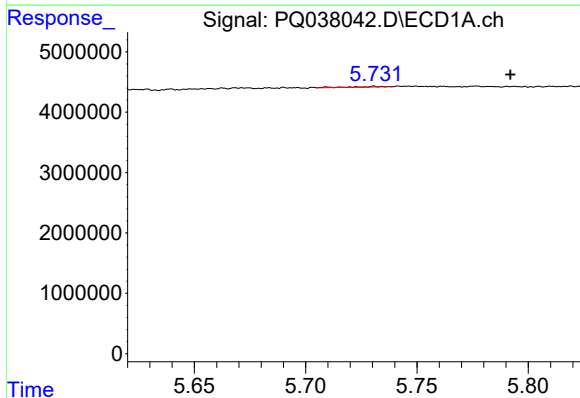
R.T.: 5.465 min  
Delta R.T.: -0.045 min  
Response: 274991  
Conc: 1.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



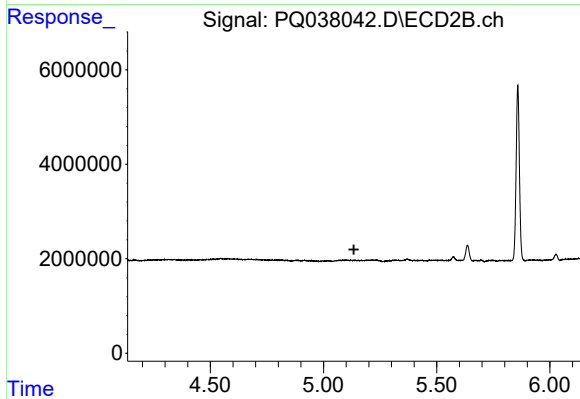
#6 AR-1016-4

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



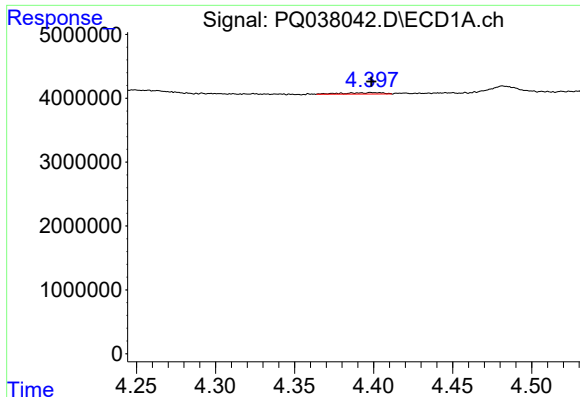
#7 AR-1016-5

R.T.: 5.731 min  
Delta R.T.: -0.061 min  
Response: 87110  
Conc: 0.60 ng/ml



#7 AR-1016-5

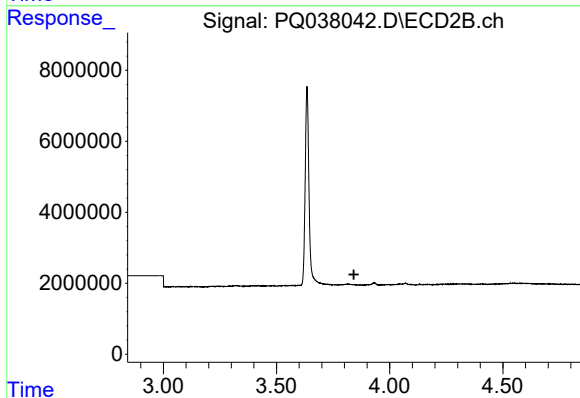
R.T.: 0.000 min  
Exp R.T. : 5.134 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

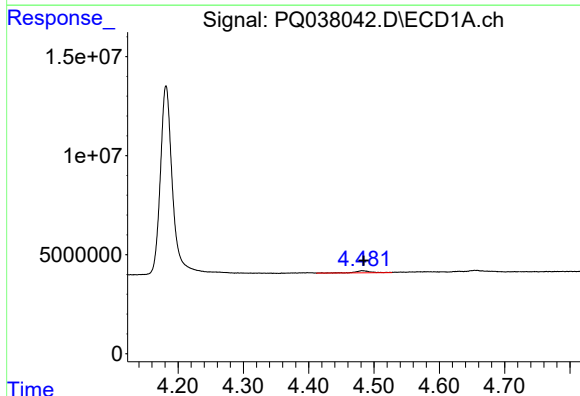
R.T.: 4.399 min  
Delta R.T.: 0.000 min  
Response: 372402  
Conc: 5.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



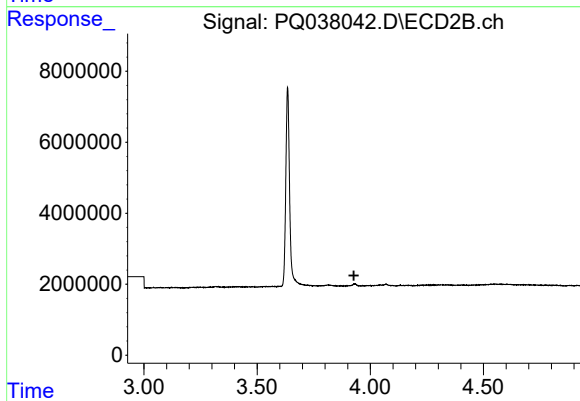
#8 AR-1221-1

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



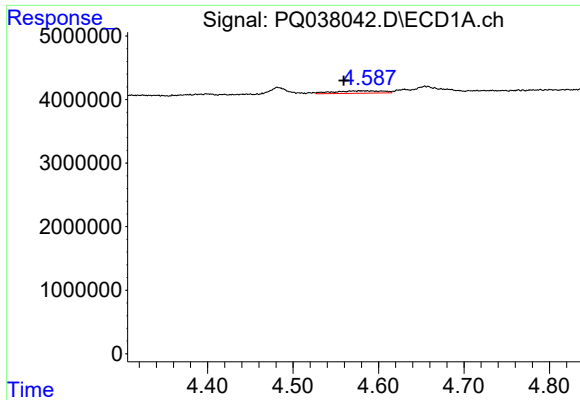
#9 AR-1221-2

R.T.: 4.482 min  
Delta R.T.: -0.002 min  
Response: 1897571  
Conc: 41.02 ng/ml



#9 AR-1221-2

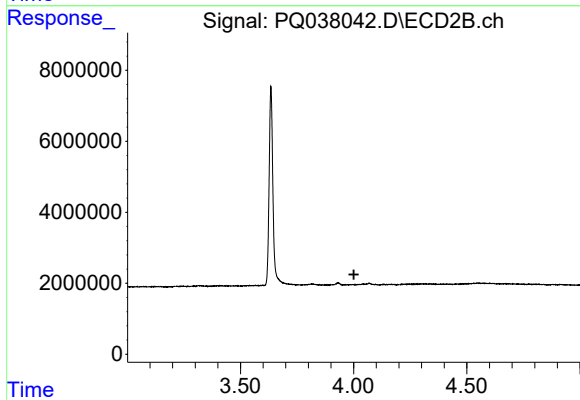
R.T.: 0.000 min  
Exp R.T. : 3.928 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

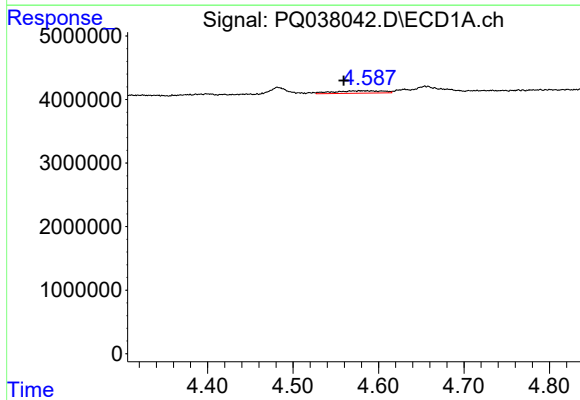
R.T.: 4.587 min  
Delta R.T.: 0.027 min  
Response: 1515702  
Conc: 9.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



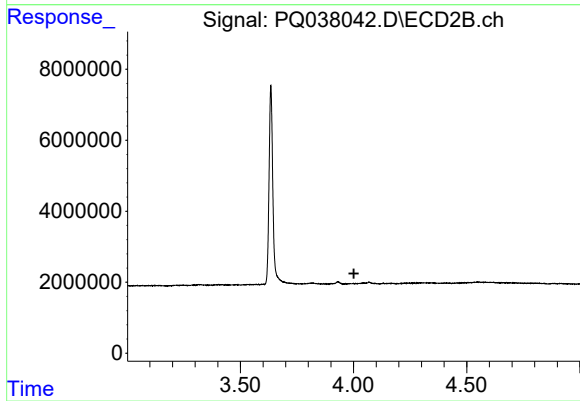
#10 AR-1221-3

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



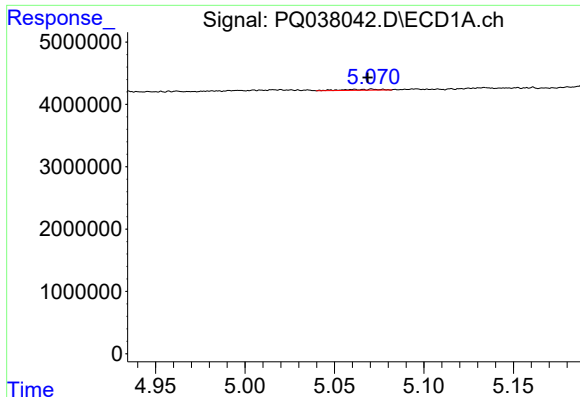
#11 AR-1232-1

R.T.: 4.587 min  
Delta R.T.: 0.027 min  
Response: 1515702  
Conc: 12.18 ng/ml



#11 AR-1232-1

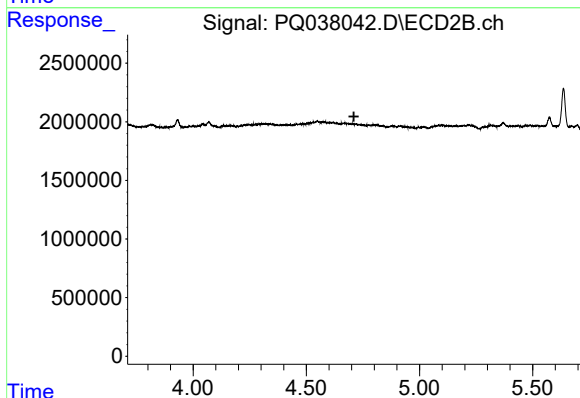
R.T.: 0.000 min  
Exp R.T. : 4.001 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

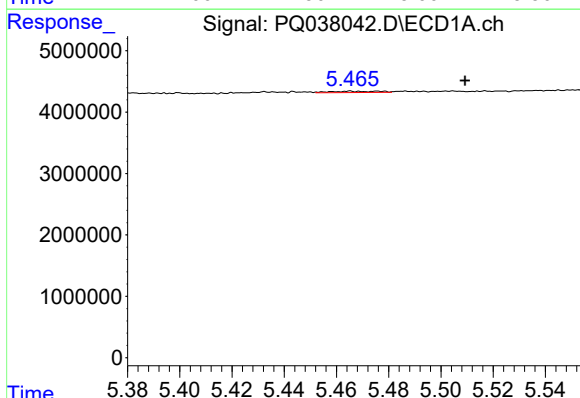
R.T.: 5.077 min  
Delta R.T.: 0.008 min  
Response: 210282  
Conc: 3.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



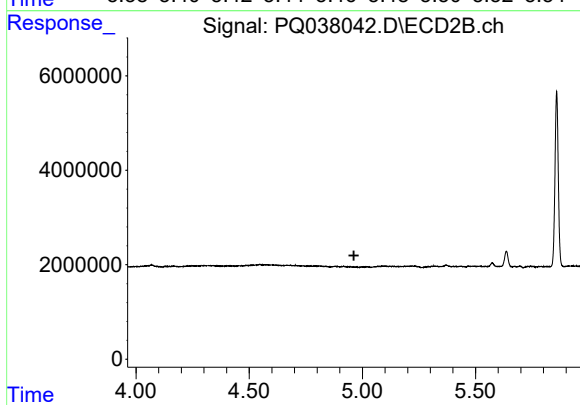
#12 AR-1232-2

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



#14 AR-1232-4

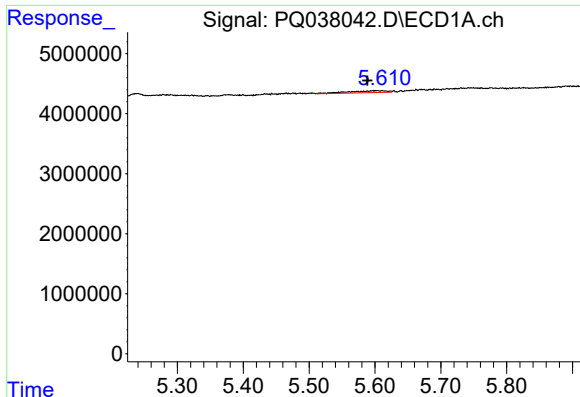
R.T.: 5.465 min  
Delta R.T.: -0.044 min  
Response: 274991  
Conc: 4.72 ng/ml



#14 AR-1232-4

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

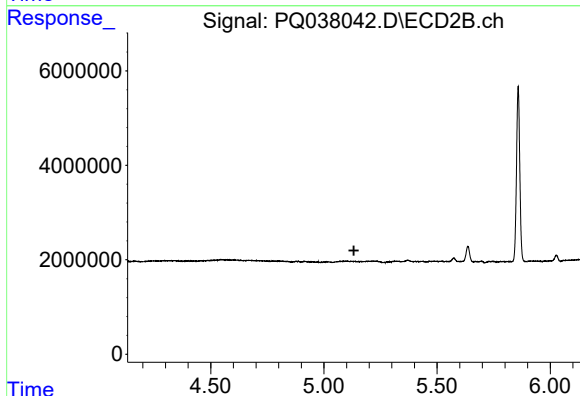




#15 AR-1232-5

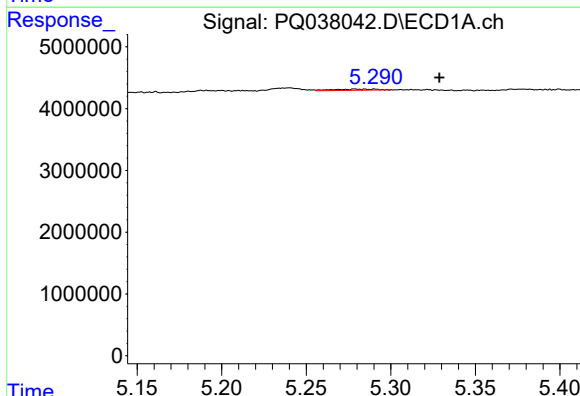
R.T.: 5.611 min  
Delta R.T.: 0.022 min  
Response: 1314358  
Conc: 30.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



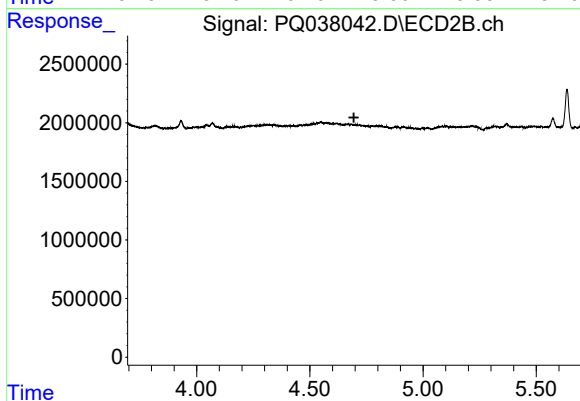
#15 AR-1232-5

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



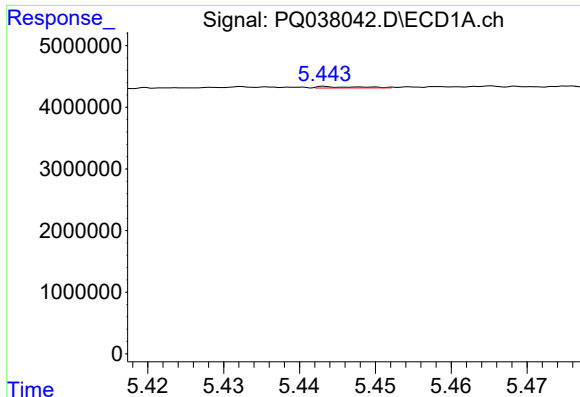
#16 AR-1242-1

R.T.: 5.279 min  
Delta R.T.: -0.050 min  
Response: 358874  
Conc: 2.18 ng/ml



#16 AR-1242-1

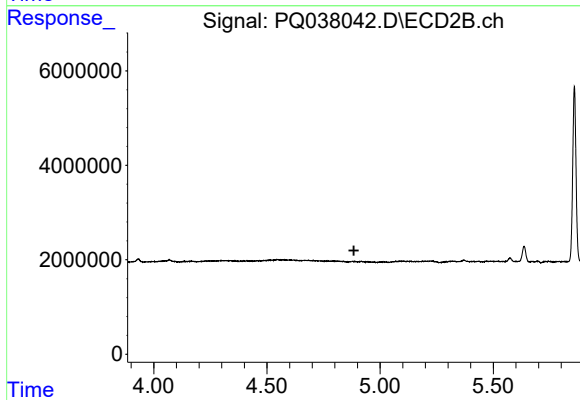
R.T.: 0.000 min  
Exp R.T. : 4.694 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

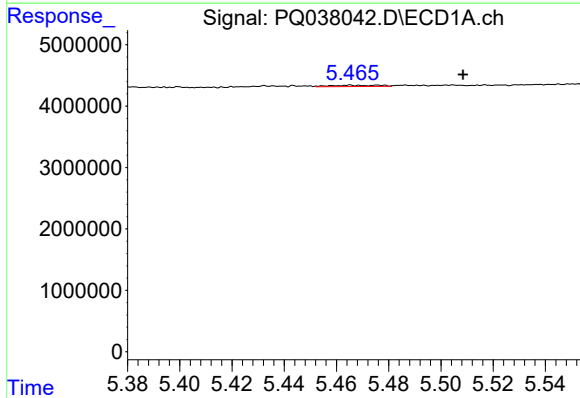
R.T.: 5.444 min  
Delta R.T.: 0.035 min  
Response: 82935  
Conc: 0.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



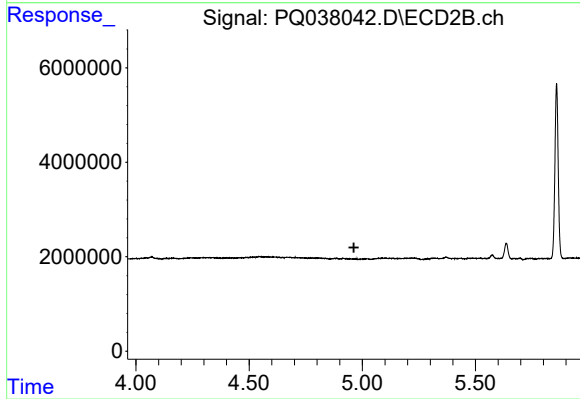
#18 AR-1242-3

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



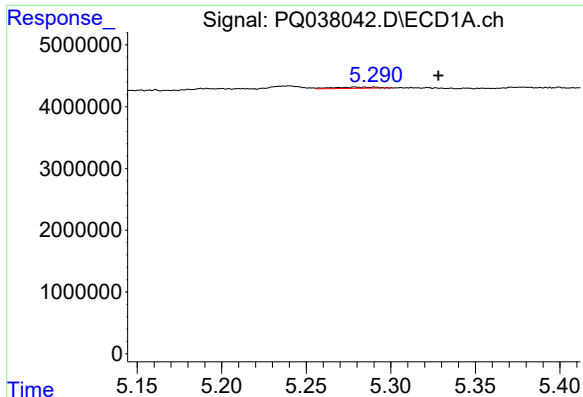
#19 AR-1242-4

R.T.: 5.465 min  
Delta R.T.: -0.043 min  
Response: 274991  
Conc: 2.25 ng/ml



#19 AR-1242-4

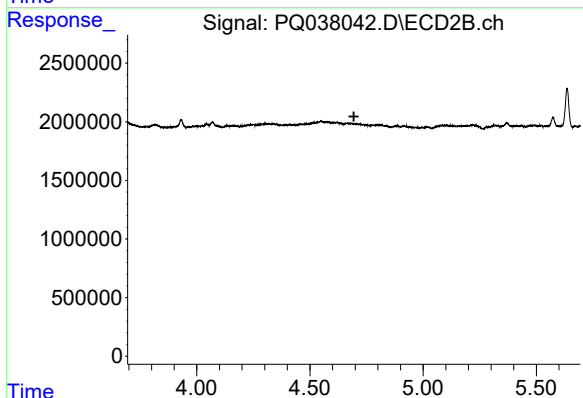
R.T.: 0.000 min  
Exp R.T. : 4.963 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

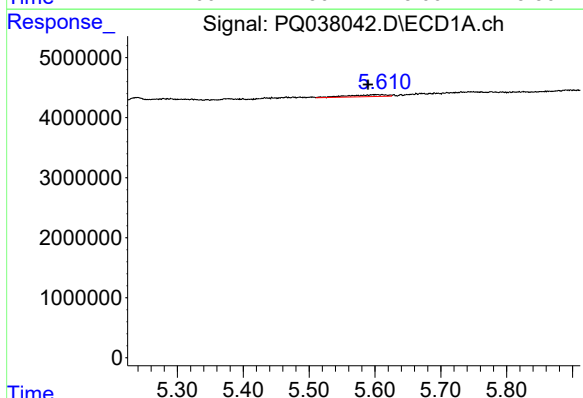
R.T.: 5.279 min  
Delta R.T.: -0.049 min  
Response: 358874  
Conc: 2.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



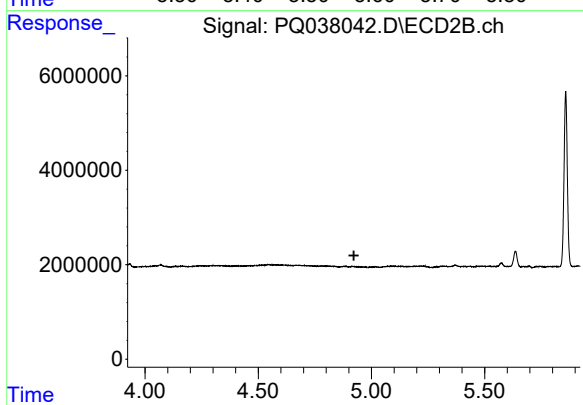
#21 AR-1248-1

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



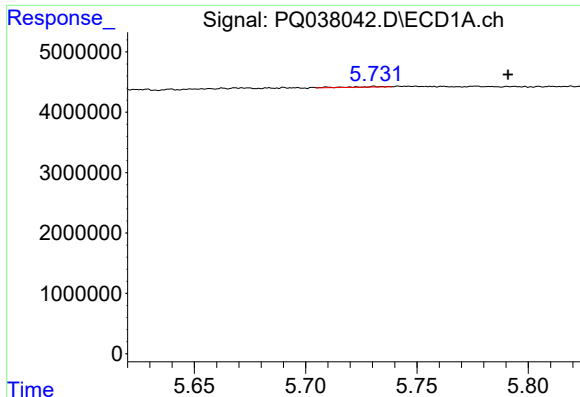
#22 AR-1248-2

R.T.: 5.611 min  
Delta R.T.: 0.022 min  
Response: 1314358  
Conc: 6.00 ng/ml



#22 AR-1248-2

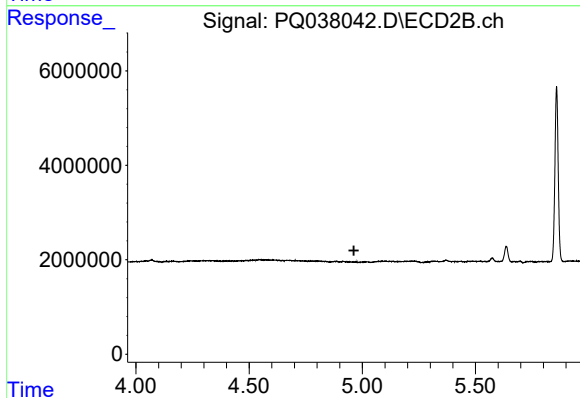
R.T.: 0.000 min  
Exp R.T. : 4.923 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

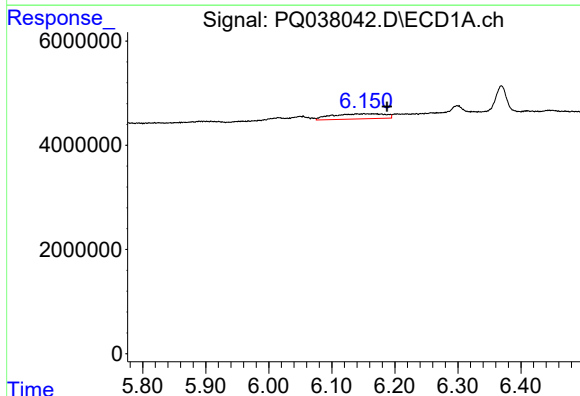
R.T.: 5.731 min  
Delta R.T.: -0.060 min  
Response: 87110  
Conc: 0.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



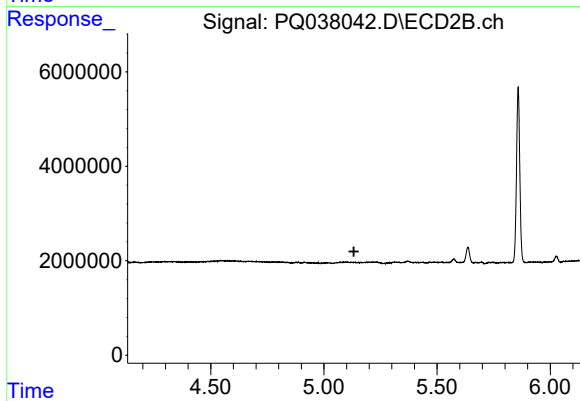
#23 AR-1248-3

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



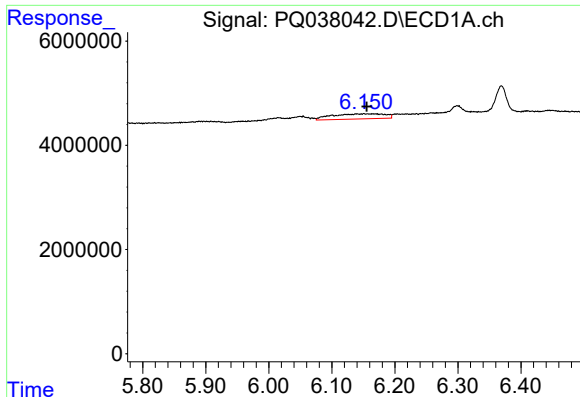
#24 AR-1248-4

R.T.: 6.151 min  
Delta R.T.: -0.036 min  
Response: 5731663  
Conc: 20.49 ng/ml



#24 AR-1248-4

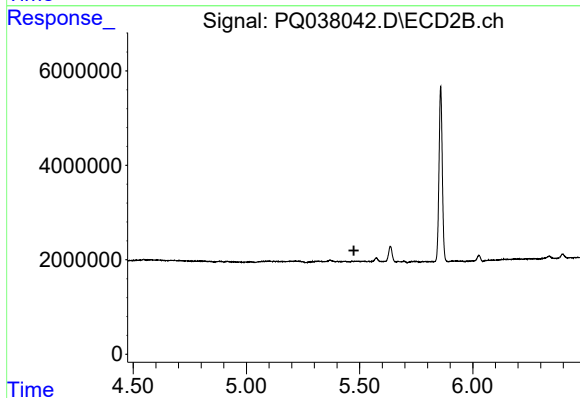
R.T.: 0.000 min  
Exp R.T. : 5.133 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

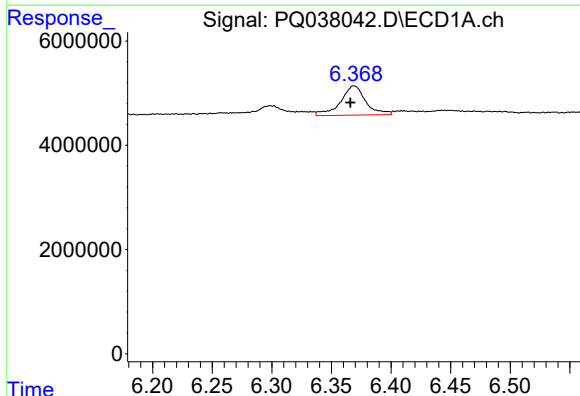
R.T.: 6.151 min  
Delta R.T.: -0.004 min  
Response: 5731663  
Conc: 29.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



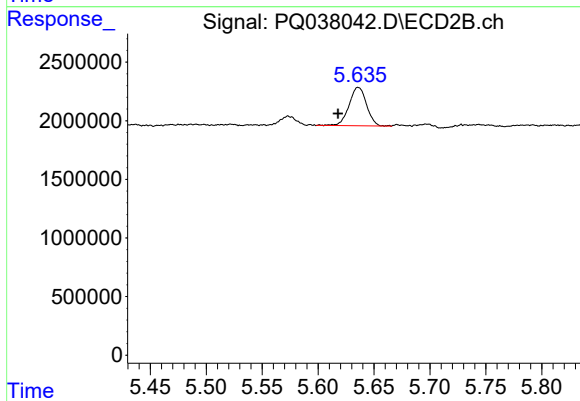
#26 AR-1254-1

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



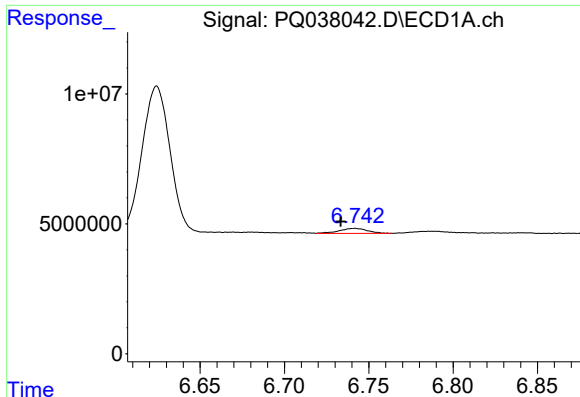
#27 AR-1254-2

R.T.: 6.369 min  
Delta R.T.: 0.003 min  
Response: 8259287  
Conc: 26.95 ng/ml



#27 AR-1254-2

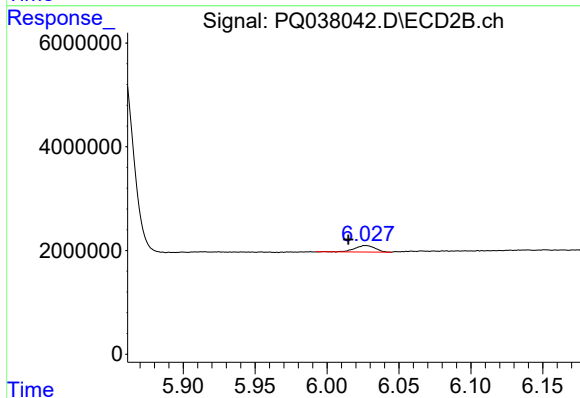
R.T.: 5.636 min  
Delta R.T.: 0.018 min  
Response: 3577407  
Conc: 27.57 ng/ml



#28 AR-1254-3

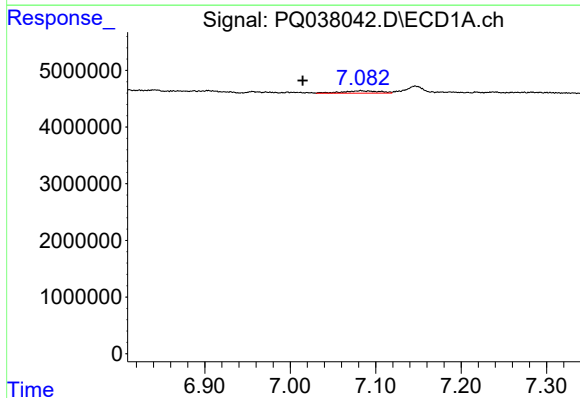
R.T.: 6.742 min  
Delta R.T.: 0.008 min  
Response: 2218574  
Conc: 7.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



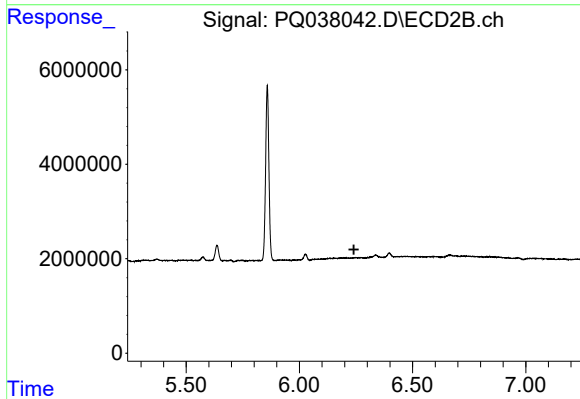
#28 AR-1254-3

R.T.: 6.027 min  
Delta R.T.: 0.012 min  
Response: 1269359  
Conc: 6.00 ng/ml



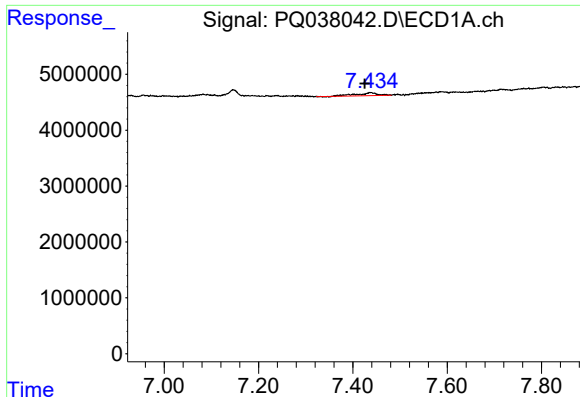
#29 AR-1254-4

R.T.: 7.082 min  
Delta R.T.: 0.068 min  
Response: 1208998  
Conc: 4.76 ng/ml



#29 AR-1254-4

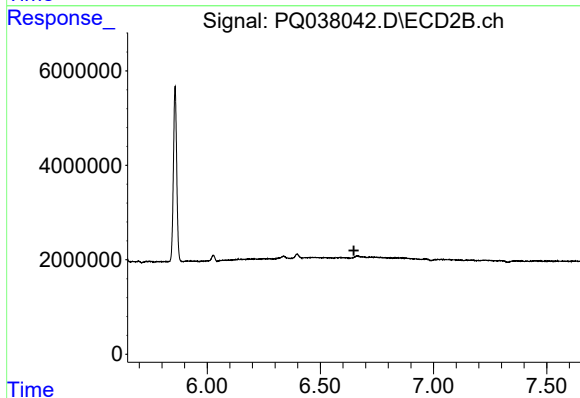
R.T.: 0.000 min  
Exp R.T.: 6.241 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

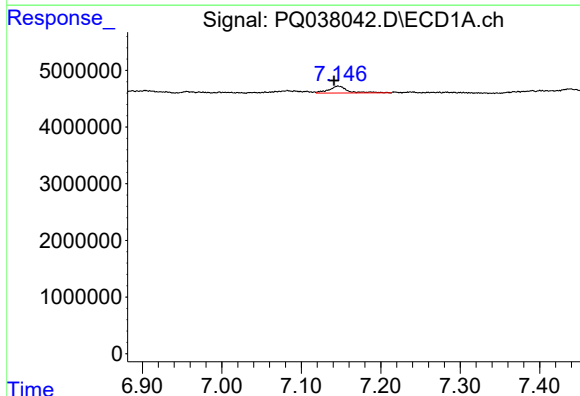
R.T.: 7.438 min  
Delta R.T.: 0.012 min  
Response: 1651697  
Conc: 5.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



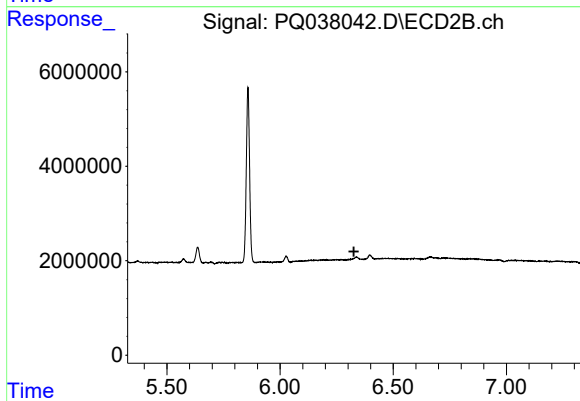
#30 AR-1254-5

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



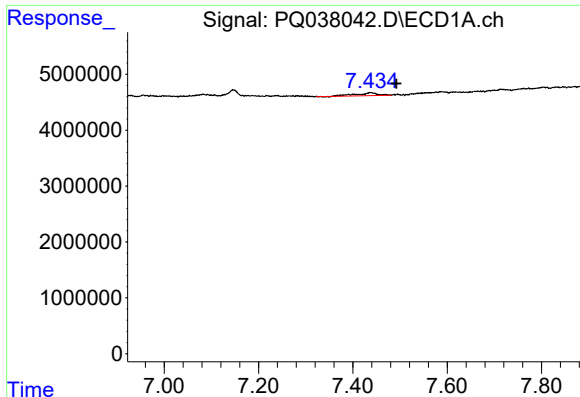
#32 AR-1260-2

R.T.: 7.147 min  
Delta R.T.: 0.006 min  
Response: 2008559  
Conc: 5.83 ng/ml



#32 AR-1260-2

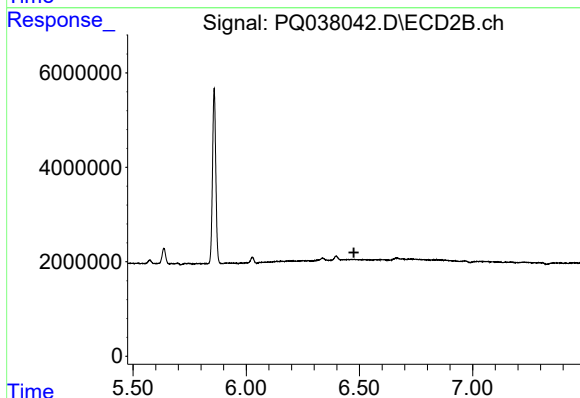
R.T.: 0.000 min  
Exp R.T. : 6.326 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

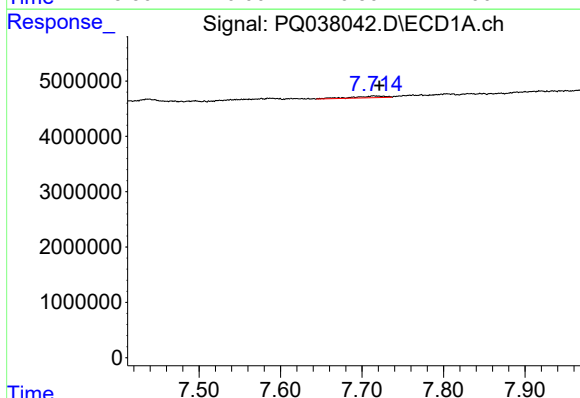
R.T.: 7.438 min  
Delta R.T.: -0.054 min  
Response: 1651697  
Conc: 5.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



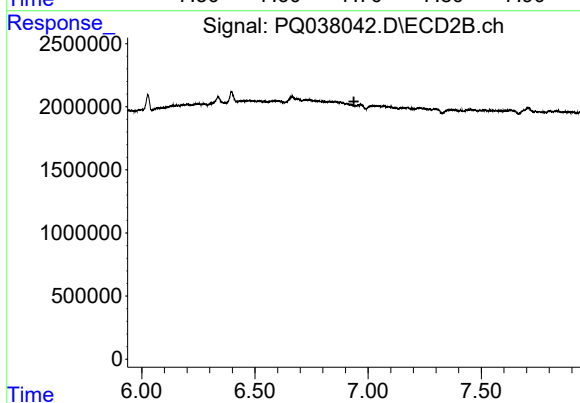
#33 AR-1260-3

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



#34 AR-1260-4

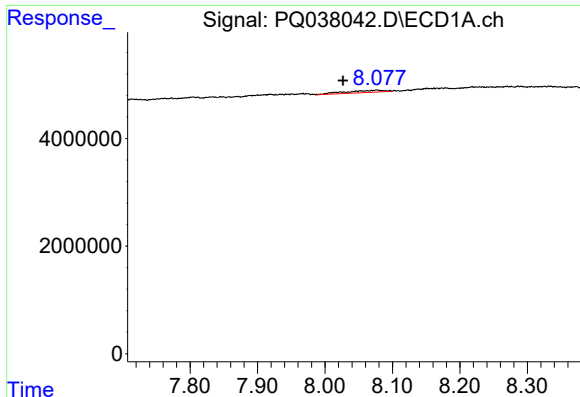
R.T.: 7.715 min  
Delta R.T.: -0.006 min  
Response: 881253  
Conc: 3.27 ng/ml



#34 AR-1260-4

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

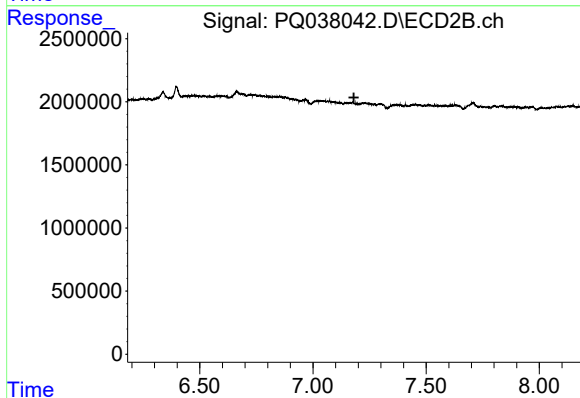




#35 AR-1260-5

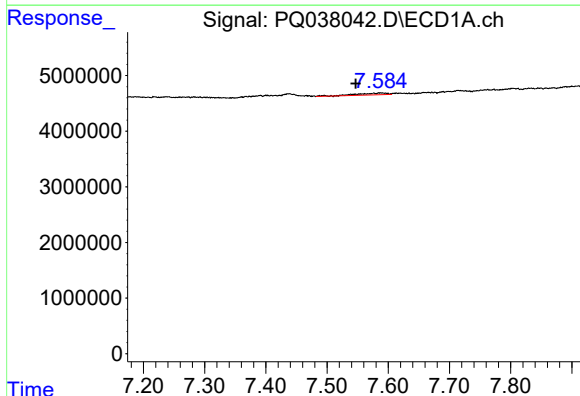
R.T.: 8.077 min  
Delta R.T.: 0.050 min  
Response: 1562799  
Conc: 2.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



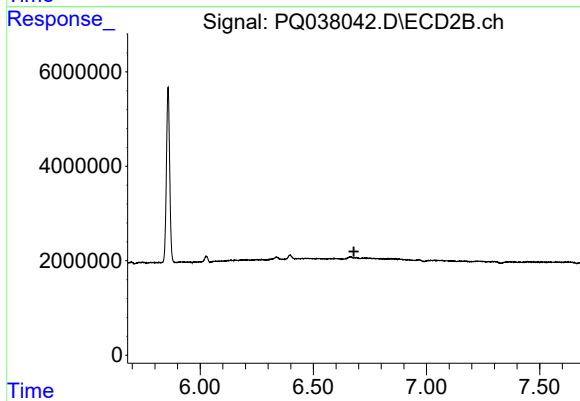
#35 AR-1260-5

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



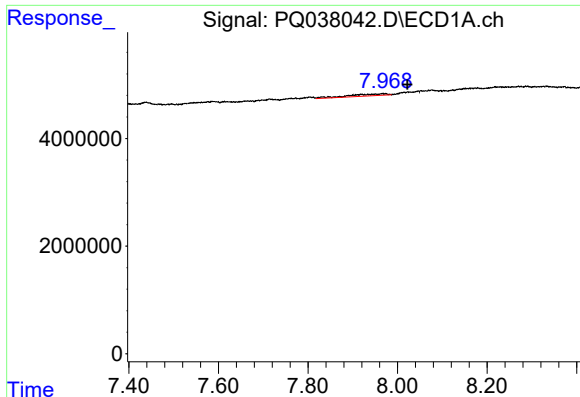
#36 AR-1262-1

R.T.: 7.588 min  
Delta R.T.: 0.041 min  
Response: 1103817  
Conc: 7.15 ng/ml



#36 AR-1262-1

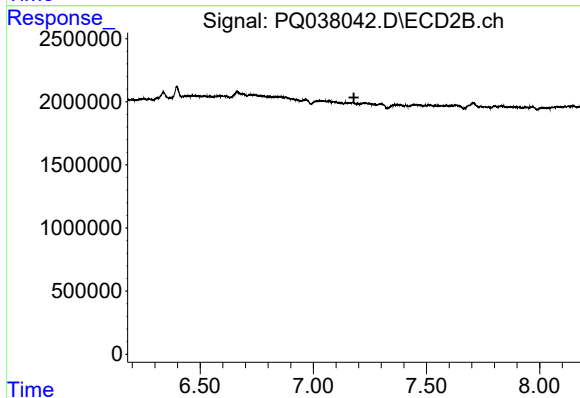
R.T.: 0.000 min  
Exp R.T. : 6.679 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

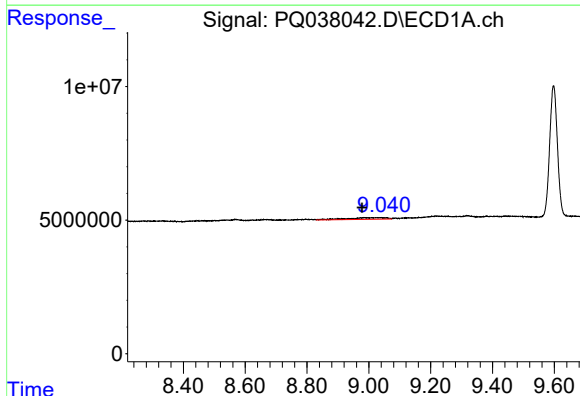
R.T.: 7.967 min  
Delta R.T.: -0.055 min  
Response: 2021137  
Conc: 2.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



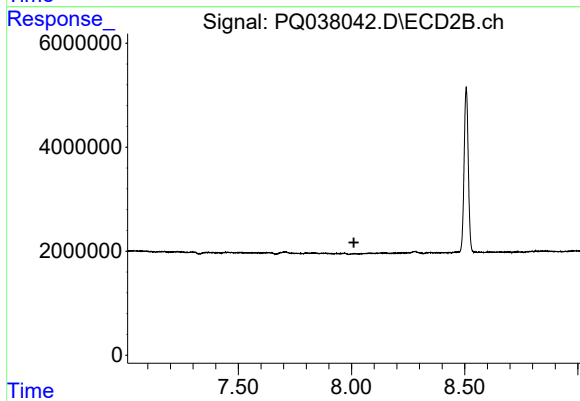
#37 AR-1262-2

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



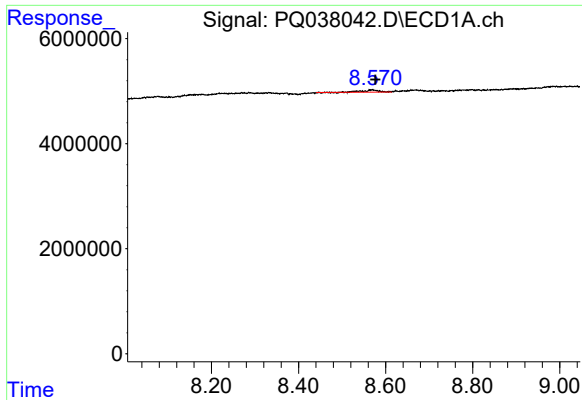
#40 AR-1262-5

R.T.: 9.038 min  
Delta R.T.: 0.060 min  
Response: 5094534  
Conc: 21.32 ng/ml



#40 AR-1262-5

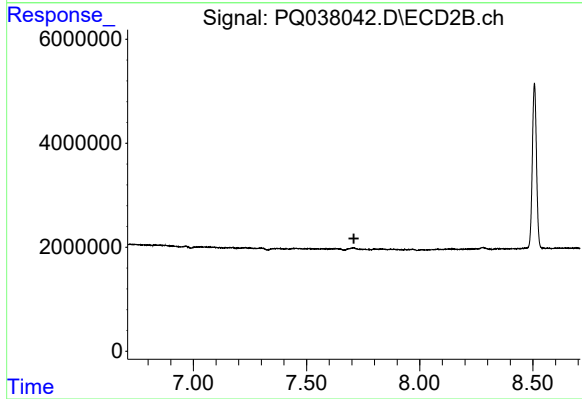
R.T.: 0.000 min  
Exp R.T. : 8.011 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

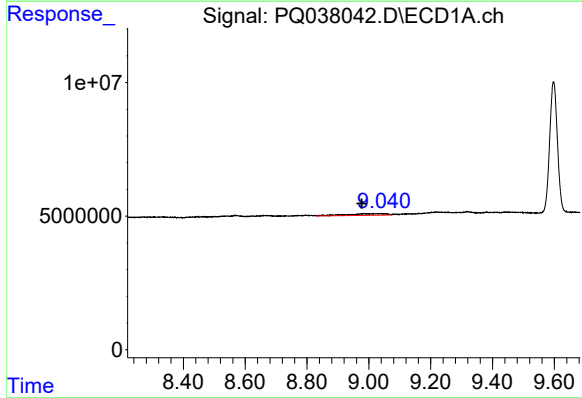
R.T.: 8.570 min  
Delta R.T.: -0.007 min  
Response: 1102638  
Conc: 1.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



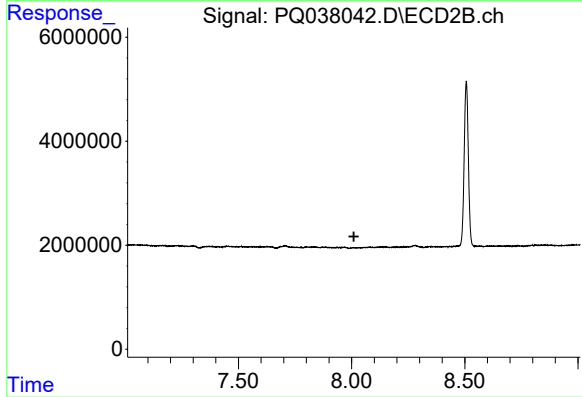
#43 AR-1268-3

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



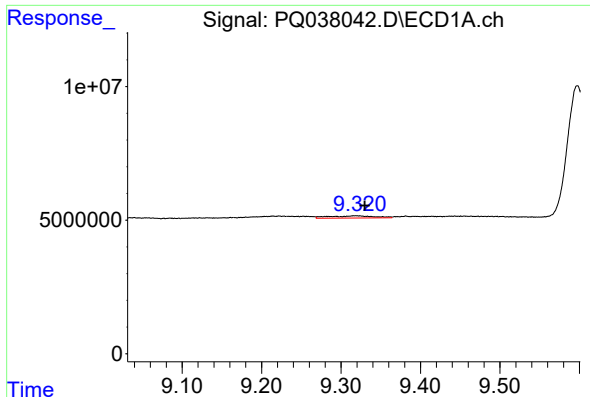
#44 AR-1268-4

R.T.: 9.038 min  
Delta R.T.: 0.061 min  
Response: 5094534  
Conc: 19.68 ng/ml



#44 AR-1268-4

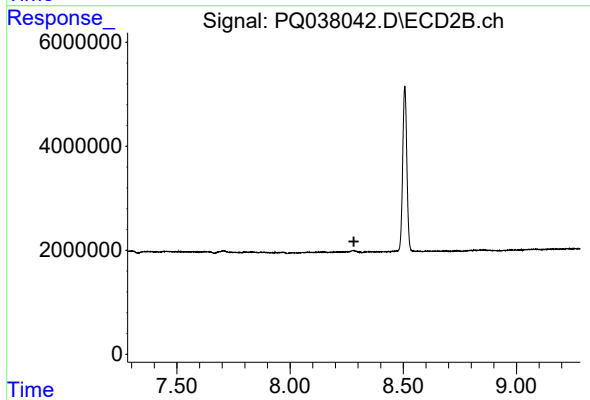
R.T.: 0.000 min  
Exp R.T. : 8.010 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.319 min  
Delta R.T.: -0.011 min  
Response: 3329306  
Conc: 1.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
TP-3



#45 AR-1268-5

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