

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ122118\  
 Data File : PQ035950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Dec 2018 02:09  
 Operator : SM\SJ  
 Sample : J6521-22  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 P002-SS019-0006-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 02:48:57 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 21 15:11:04 2018  
 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... | 4.416  | 3.733 | 46210849  | 29287459 | 11.811  | 13.108     |
| 2)                          | SA Decachlor... | 10.101 | 8.708 | -16514849 | 17461077 | N.D.    | 9.879      |
| Target Compounds            |                 |        |       |           |          |         |            |
| 3)                          | L1 AR-1016-1    | 5.610  | 4.834 | 4345695   | 2412864  | 33.965  | 31.294     |
| 4)                          | L1 AR-1016-2    | 5.610  | 4.834 | 4345695   | 2412864  | 22.659  | 21.323     |
| 5)                          | L1 AR-1016-3    | 5.699  | 0.000 | 1940961   | 0        | 16.959  | N.D. #     |
| 6)                          | L1 AR-1016-4    | 5.780  | 0.000 | 7330507   | 0        | 76.979  | N.D. #     |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.010 | 0         | 15573819 | N.D.    | 763.306 #  |
| 9)                          | L2 AR-1221-2    | 4.801  | 4.010 | 14085482  | 15573819 | 552.874 | 1053.657 # |
| 10)                         | L2 AR-1221-3    | 4.801  | 4.102 | 14085482  | 9784661  | 169.255 | 201.411    |
| 11)                         | L3 AR-1232-1    | 4.801  | 4.102 | 14085482  | 9784661  | 193.700 | 222.220    |
| 12)                         | L3 AR-1232-2    | 5.370  | 4.834 | 4571839   | 2412864  | 118.632 | 49.180 #   |
| 13)                         | L3 AR-1232-3    | 5.610  | 0.000 | 4345695   | 0        | 53.146  | N.D. #     |
| 14)                         | L3 AR-1232-4    | 5.780  | 0.000 | 7330507   | 0        | 183.068 | N.D. #     |
| 15)                         | L3 AR-1232-5    | 5.848  | 0.000 | 1010491   | 0        | 31.908  | N.D. #     |
| 16)                         | L4 AR-1242-1    | 5.610  | 4.834 | 4345695   | 2412864  | 45.043  | 40.776     |
| 17)                         | L4 AR-1242-2    | 5.610  | 4.834 | 4345695   | 2412864  | 29.953  | 28.021     |
| 18)                         | L4 AR-1242-3    | 5.699  | 0.000 | 1940961   | 0        | 22.435  | N.D. #     |
| 19)                         | L4 AR-1242-4    | 5.780  | 0.000 | 7330507   | 0        | 105.963 | N.D. #     |
| 21)                         | L5 AR-1248-1    | 5.610  | 4.834 | 4345695   | 2412864  | 65.838  | 61.155     |
| 22)                         | L5 AR-1248-2    | 5.848  | 0.000 | 1010491   | 0        | 10.661  | N.D. #     |
| 27)                         | L6 AR-1254-2    | 6.649  | 0.000 | 2321730   | 0        | 9.812   | N.D. #     |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.657 | 0         | 2547873  | N.D.    | 24.550 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.657 | 0         | 2547873  | N.D.    | 13.754 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.657 | 0         | 2547873  | N.D.    | 7.641 #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.657 | 0         | 2547873  | N.D.    | 8.597 #    |
| -----                       |                 |        |       |           |          |         |            |

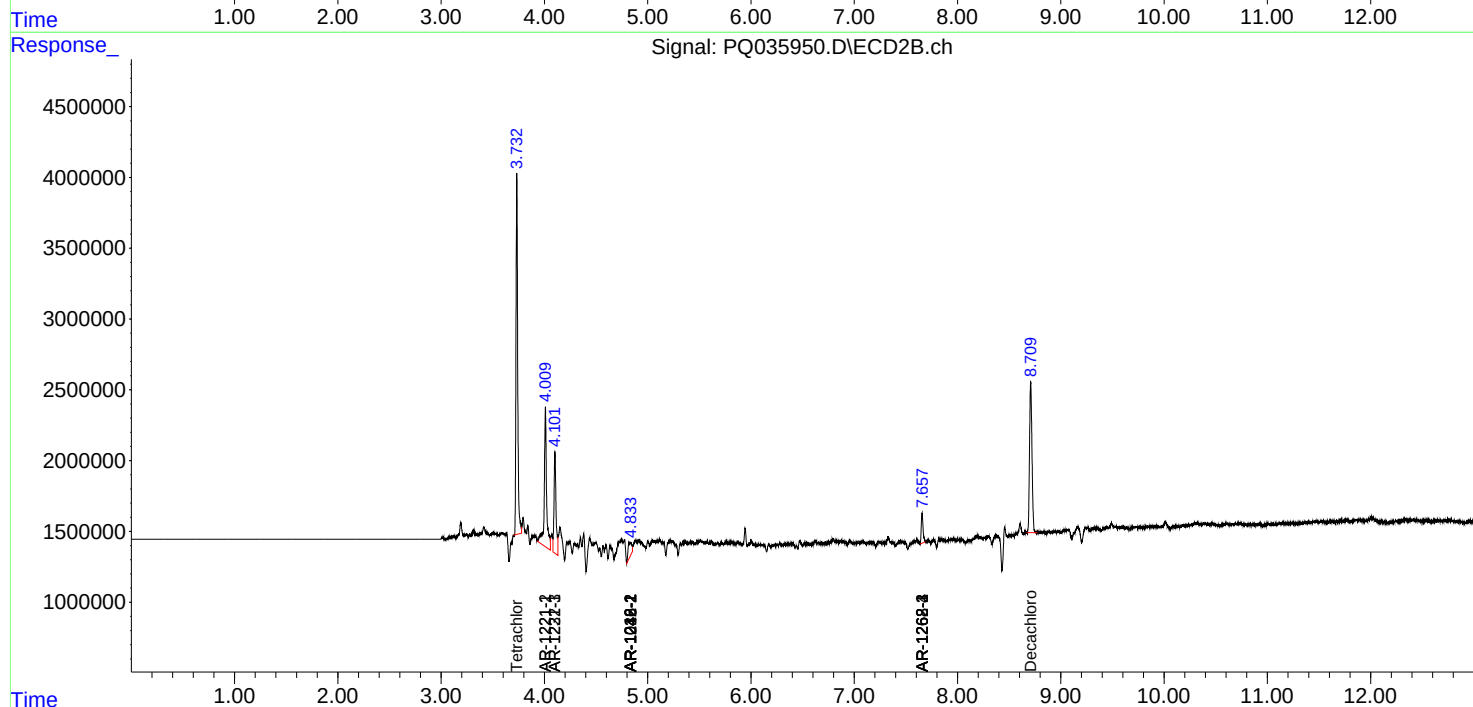
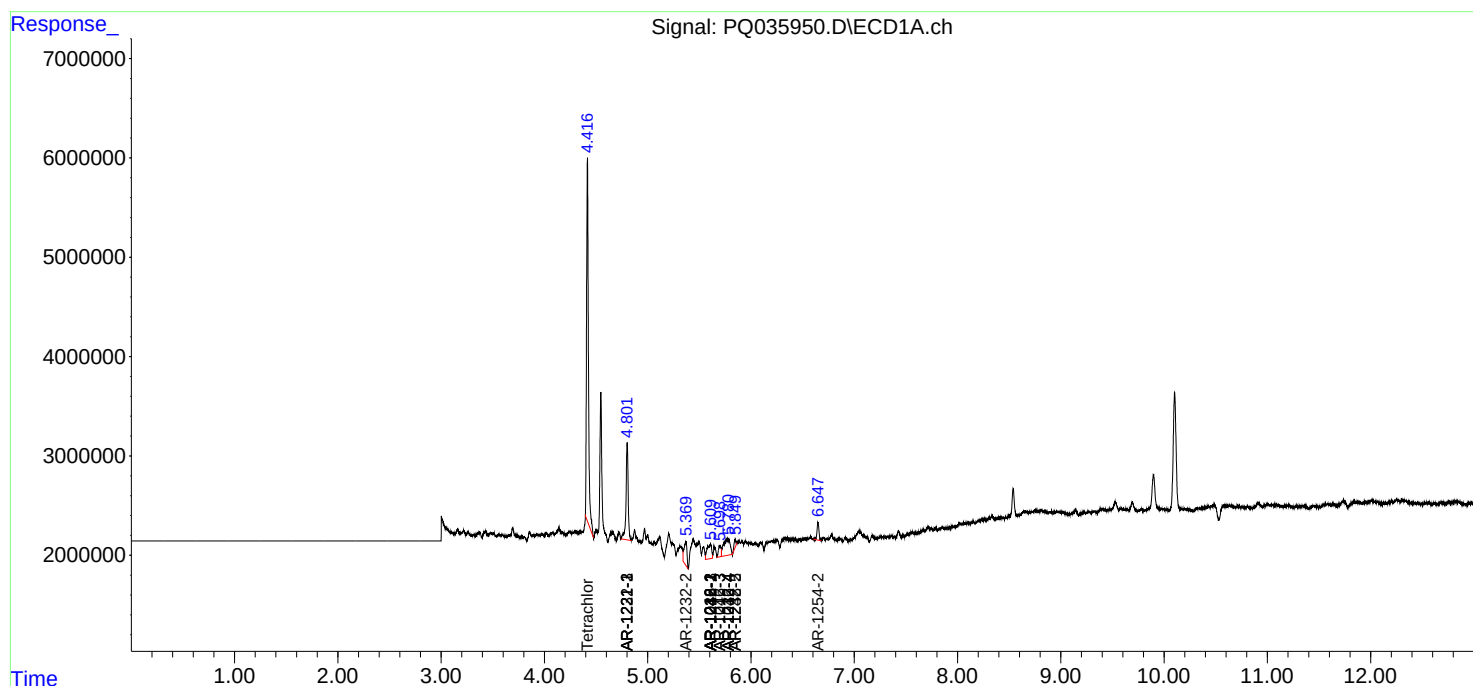
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

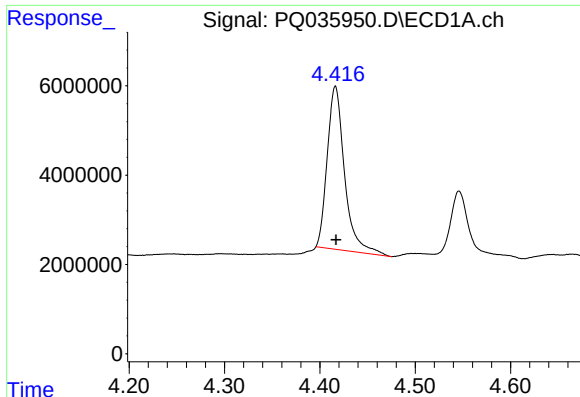
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ122118\  
Data File : PQ035950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Dec 2018 02:09  
Operator : SM\SJ  
Sample : J6521-22  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 02:48:57 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 21 15:11:04 2018  
Response via : Initial Calibration  
Integrator: ChemStation

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

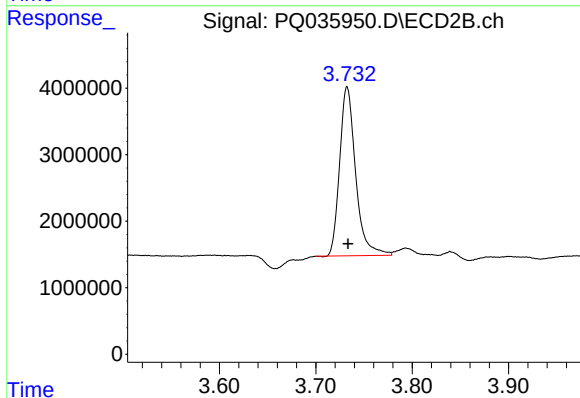




#1 Tetrachloro-m-xylene

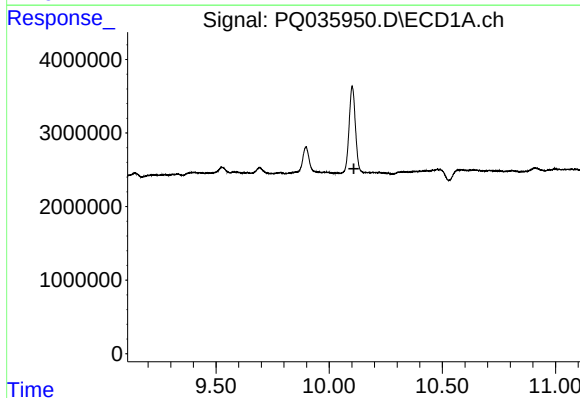
R.T.: 4.416 min  
Delta R.T.: 0.000 min  
Response: 46210849  
Conc: 11.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



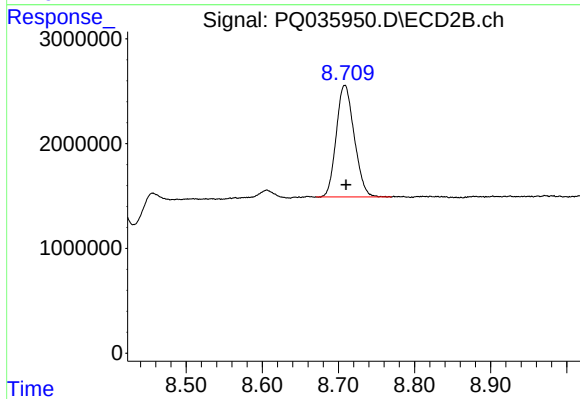
#1 Tetrachloro-m-xylene

R.T.: 3.733 min  
Delta R.T.: 0.000 min  
Response: 29287459  
Conc: 13.11 ng/ml



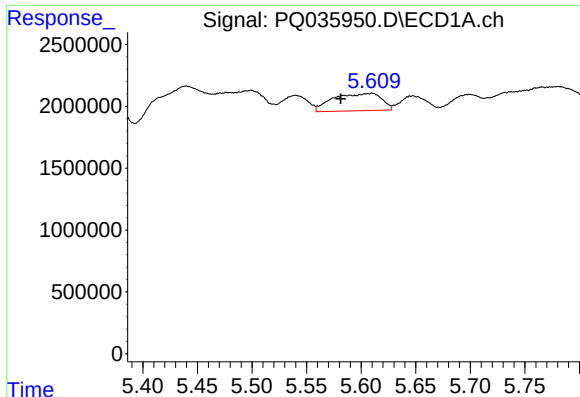
#2 Decachlorobiphenyl

R.T.: 10.101 min  
Delta R.T.: -0.008 min  
Response: -16514849  
Conc: N.D.



#2 Decachlorobiphenyl

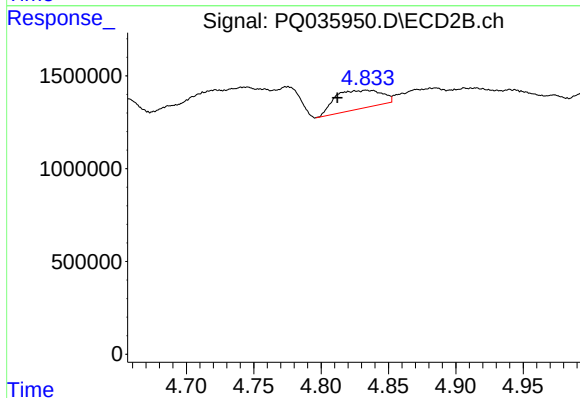
R.T.: 8.708 min  
Delta R.T.: -0.002 min  
Response: 17461077  
Conc: 9.88 ng/ml



#3 AR-1016-1

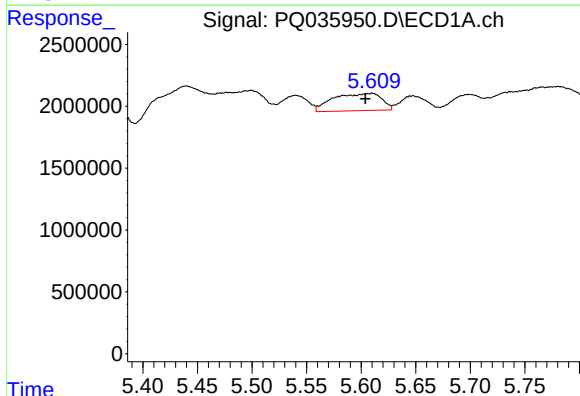
R.T.: 5.610 min  
Delta R.T.: 0.029 min  
Response: 4345695  
Conc: 33.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



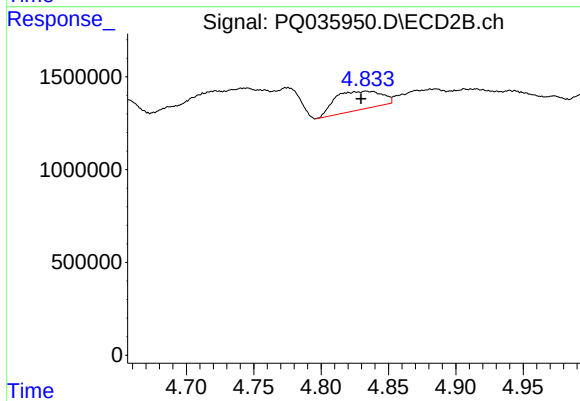
#3 AR-1016-1

R.T.: 4.834 min  
Delta R.T.: 0.021 min  
Response: 2412864  
Conc: 31.29 ng/ml



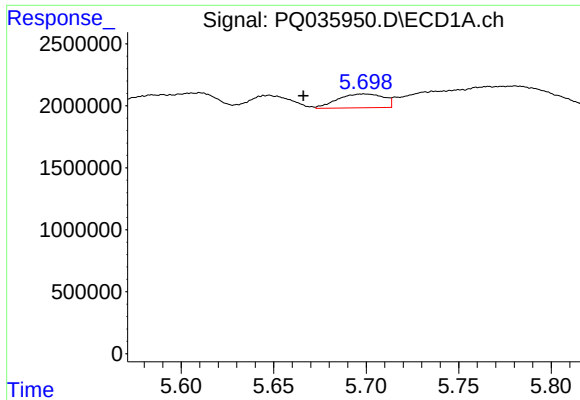
#4 AR-1016-2

R.T.: 5.610 min  
Delta R.T.: 0.006 min  
Response: 4345695  
Conc: 22.66 ng/ml



#4 AR-1016-2

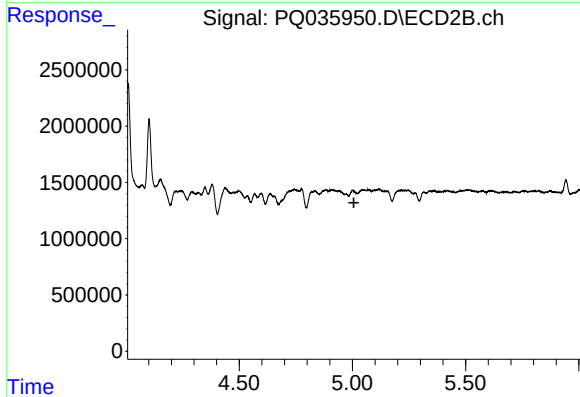
R.T.: 4.834 min  
Delta R.T.: 0.004 min  
Response: 2412864  
Conc: 21.32 ng/ml



#5 AR-1016-3

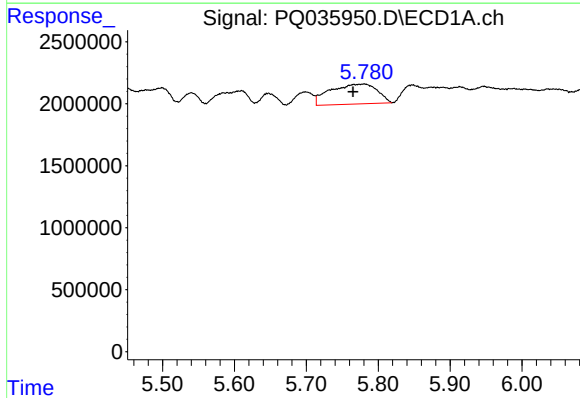
R.T.: 5.699 min  
Delta R.T.: 0.033 min  
Response: 1940961  
Conc: 16.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



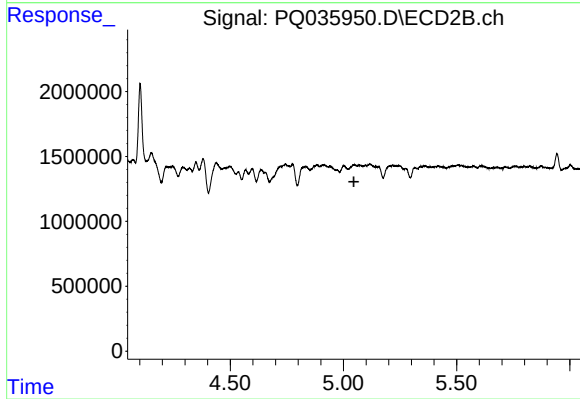
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.007 min  
Response: 0  
Conc: N.D.



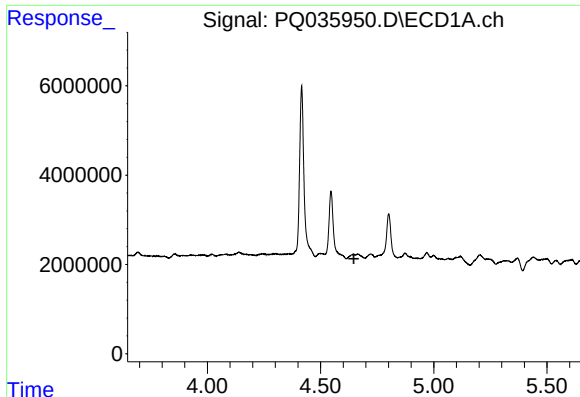
#6 AR-1016-4

R.T.: 5.780 min  
Delta R.T.: 0.015 min  
Response: 7330507  
Conc: 76.98 ng/ml



#6 AR-1016-4

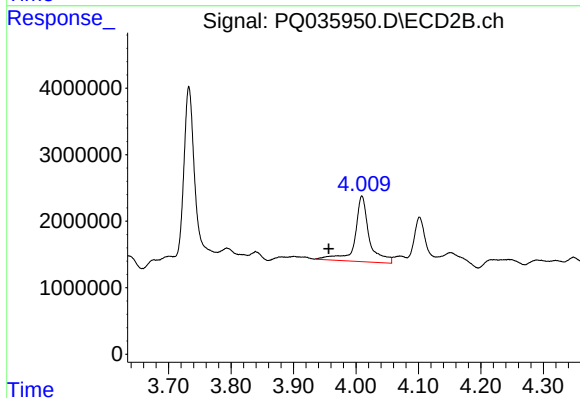
R.T.: 0.000 min  
Exp R.T. : 5.046 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

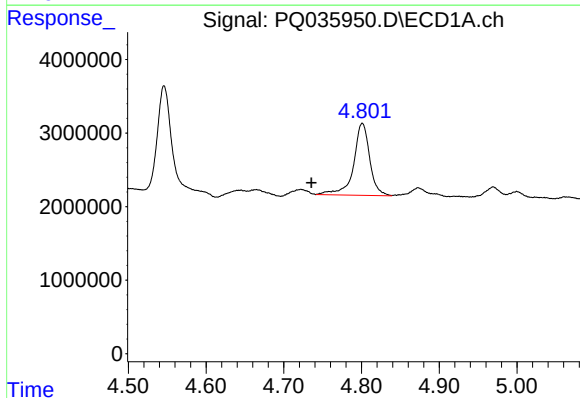
R.T.: 0.000 min  
Exp R.T.: 4.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



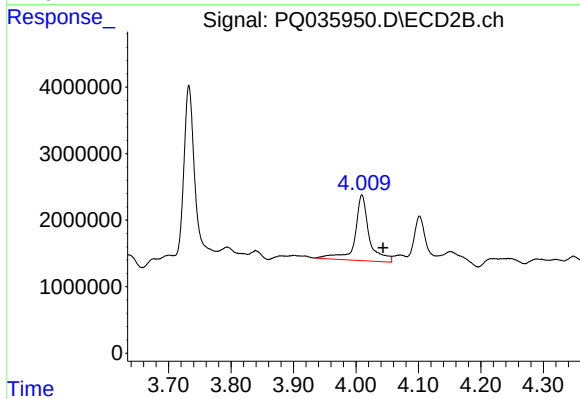
#8 AR-1221-1

R.T.: 4.010 min  
Delta R.T.: 0.053 min  
Response: 15573819  
Conc: 763.31 ng/ml



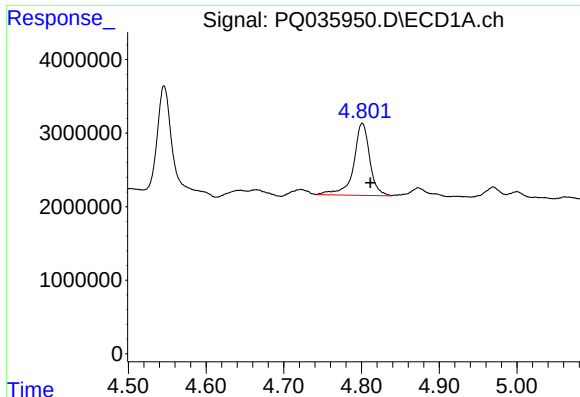
#9 AR-1221-2

R.T.: 4.801 min  
Delta R.T.: 0.066 min  
Response: 14085482  
Conc: 552.87 ng/ml



#9 AR-1221-2

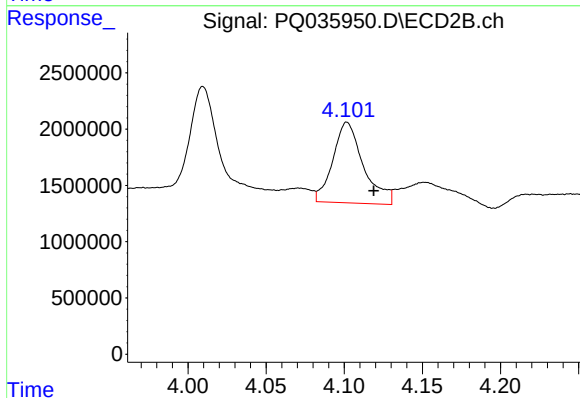
R.T.: 4.010 min  
Delta R.T.: -0.034 min  
Response: 15573819  
Conc: 1053.66 ng/ml



#10 AR-1221-3

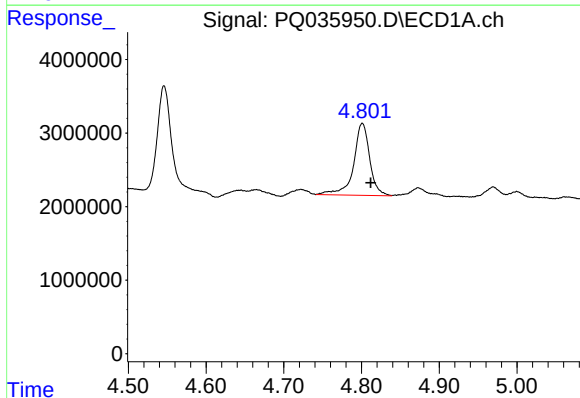
R.T.: 4.801 min  
Delta R.T.: -0.011 min  
Response: 14085482  
Conc: 169.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



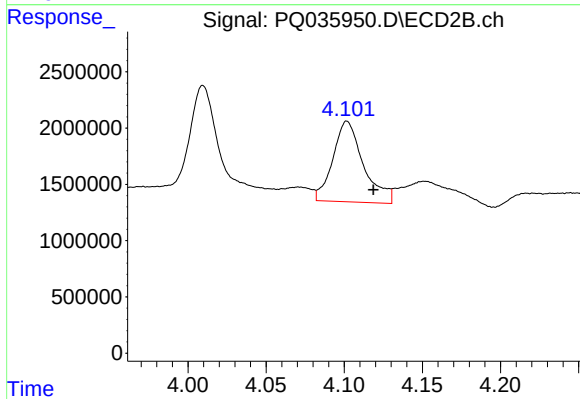
#10 AR-1221-3

R.T.: 4.102 min  
Delta R.T.: -0.017 min  
Response: 9784661  
Conc: 201.41 ng/ml



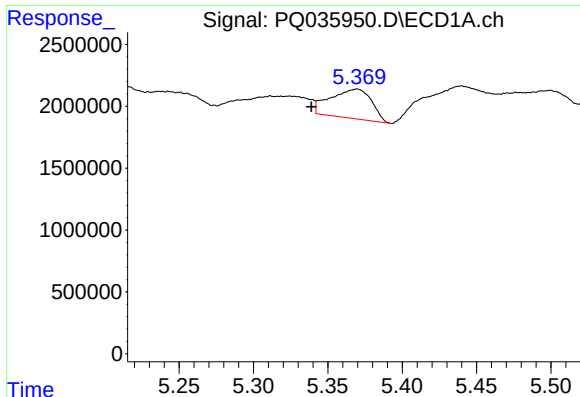
#11 AR-1232-1

R.T.: 4.801 min  
Delta R.T.: -0.011 min  
Response: 14085482  
Conc: 193.70 ng/ml



#11 AR-1232-1

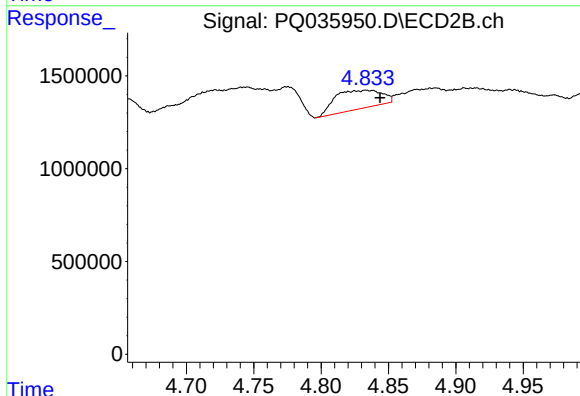
R.T.: 4.102 min  
Delta R.T.: -0.017 min  
Response: 9784661  
Conc: 222.22 ng/ml



#12 AR-1232-2

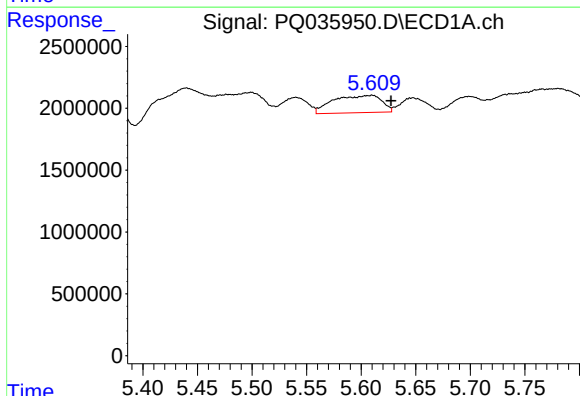
R.T.: 5.370 min  
Delta R.T.: 0.031 min  
Response: 4571839  
Conc: 118.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



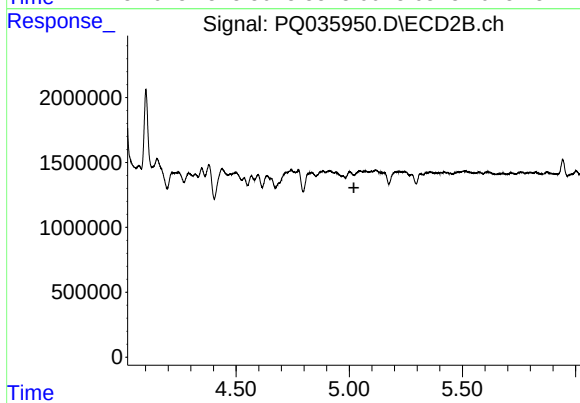
#12 AR-1232-2

R.T.: 4.834 min  
Delta R.T.: -0.010 min  
Response: 2412864  
Conc: 49.18 ng/ml



#13 AR-1232-3

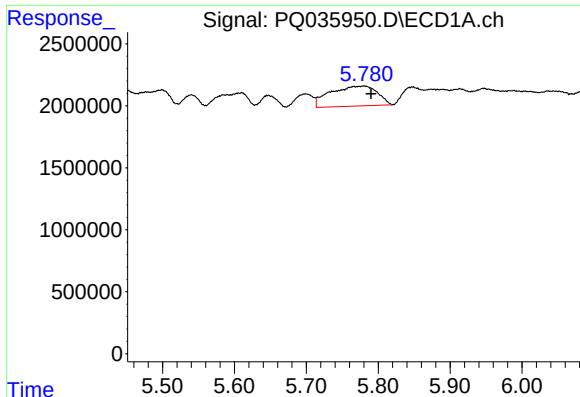
R.T.: 5.610 min  
Delta R.T.: -0.017 min  
Response: 4345695  
Conc: 53.15 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.020 min  
Response: 0  
Conc: N.D.

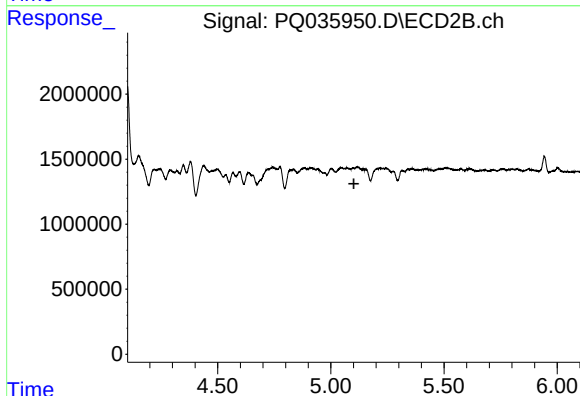




#14 AR-1232-4

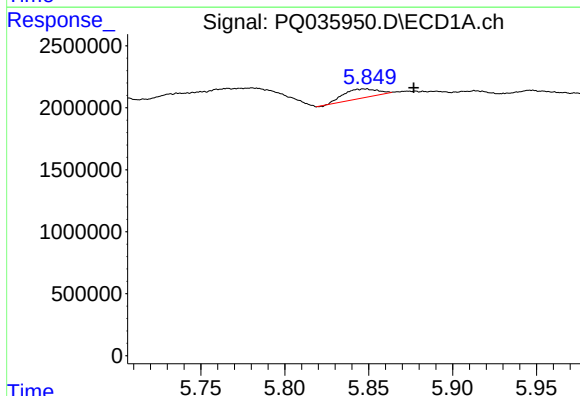
R.T.: 5.780 min  
Delta R.T.: -0.010 min  
Response: 7330507  
Conc: 183.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



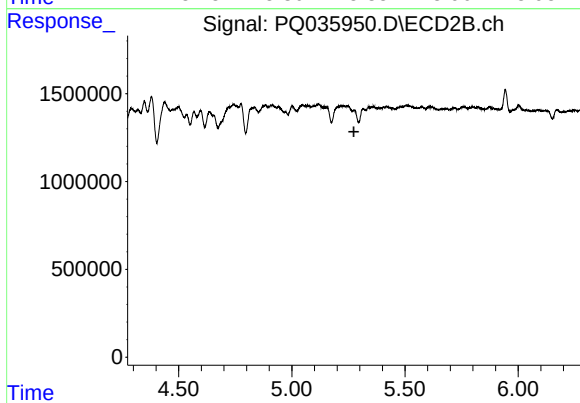
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.102 min  
Response: 0  
Conc: N.D.



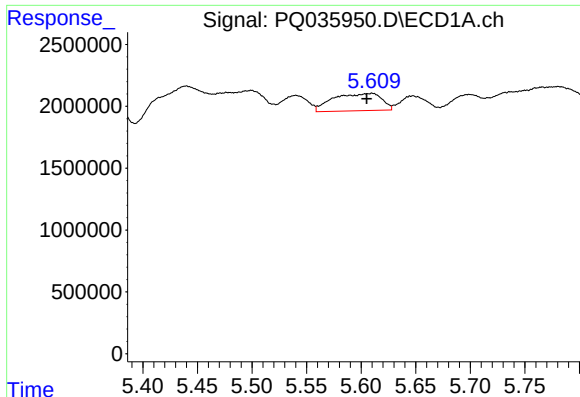
#15 AR-1232-5

R.T.: 5.848 min  
Delta R.T.: -0.029 min  
Response: 1010491  
Conc: 31.91 ng/ml



#15 AR-1232-5

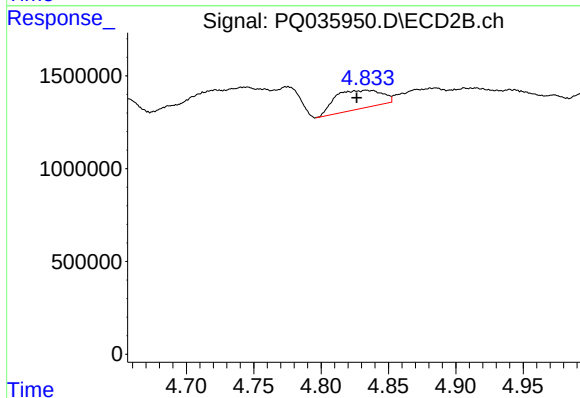
R.T.: 0.000 min  
Exp R.T. : 5.274 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

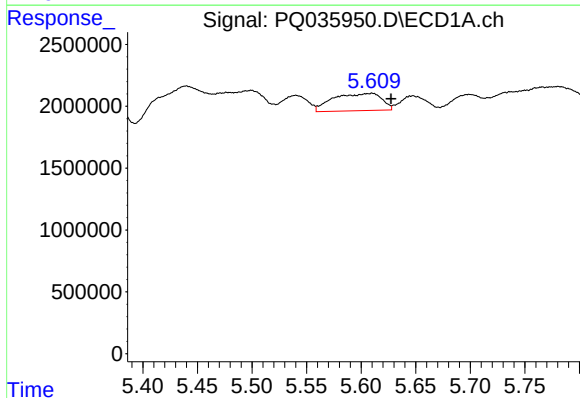
R.T.: 5.610 min  
Delta R.T.: 0.005 min  
Response: 4345695  
Conc: 45.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



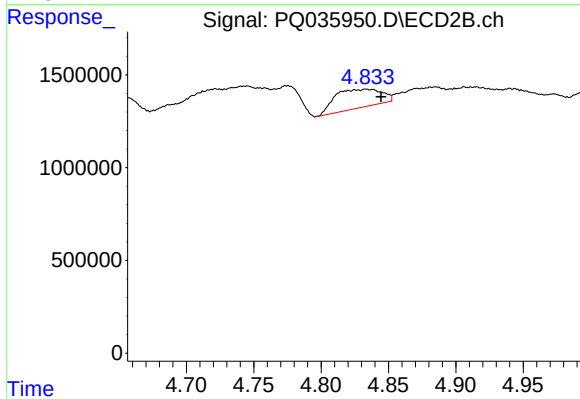
#16 AR-1242-1

R.T.: 4.834 min  
Delta R.T.: 0.007 min  
Response: 2412864  
Conc: 40.78 ng/ml



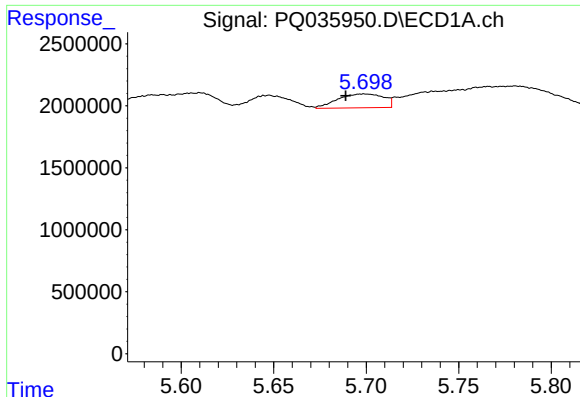
#17 AR-1242-2

R.T.: 5.610 min  
Delta R.T.: -0.017 min  
Response: 4345695  
Conc: 29.95 ng/ml



#17 AR-1242-2

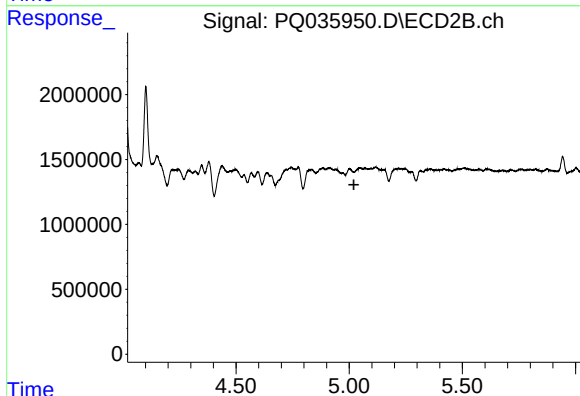
R.T.: 4.834 min  
Delta R.T.: -0.011 min  
Response: 2412864  
Conc: 28.02 ng/ml



#18 AR-1242-3

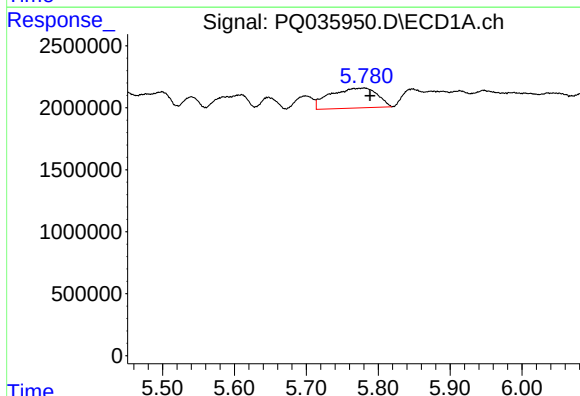
R.T.: 5.699 min  
Delta R.T.: 0.010 min  
Response: 1940961  
Conc: 22.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



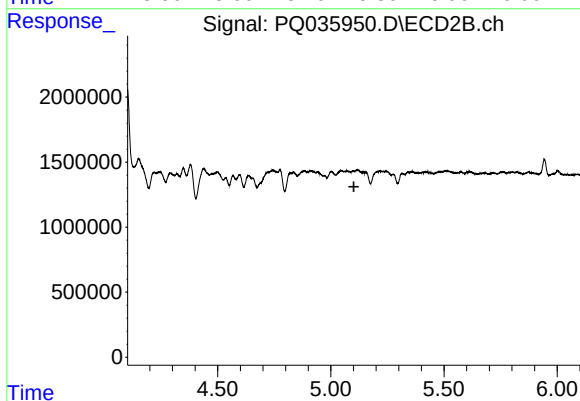
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.021 min  
Response: 0  
Conc: N.D.



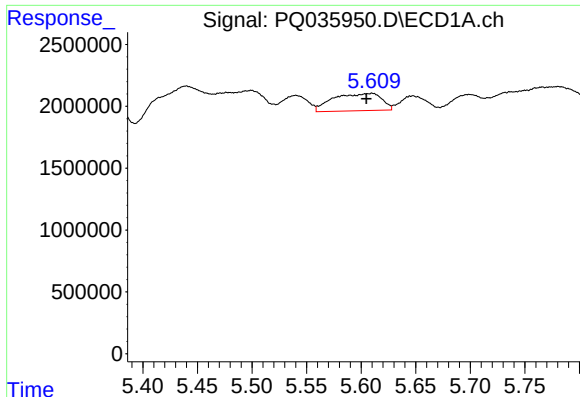
#19 AR-1242-4

R.T.: 5.780 min  
Delta R.T.: -0.008 min  
Response: 7330507  
Conc: 105.96 ng/ml



#19 AR-1242-4

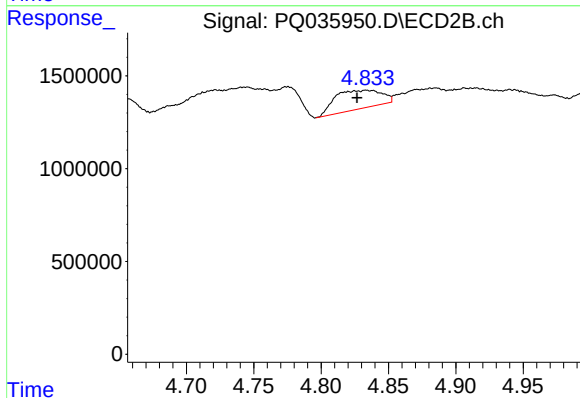
R.T.: 0.000 min  
Exp R.T. : 5.102 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

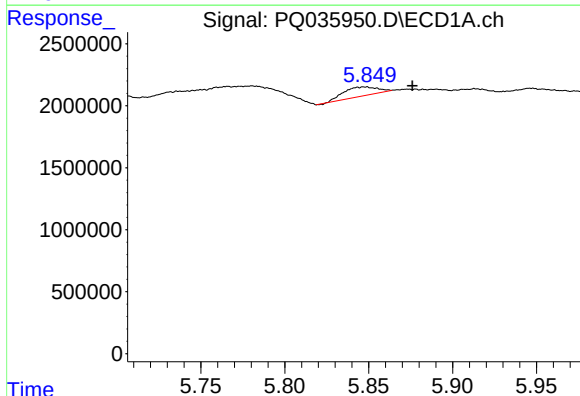
R.T.: 5.610 min  
Delta R.T.: 0.005 min  
Response: 4345695  
Conc: 65.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



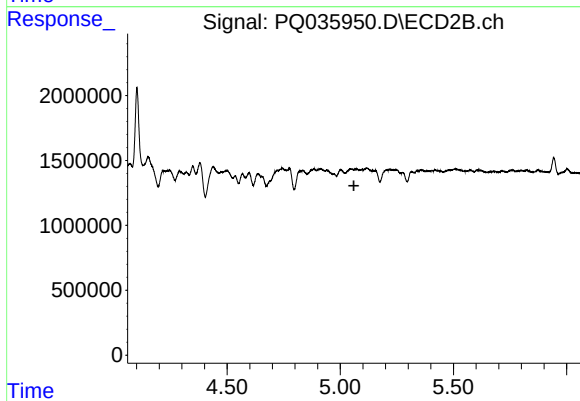
#21 AR-1248-1

R.T.: 4.834 min  
Delta R.T.: 0.007 min  
Response: 2412864  
Conc: 61.16 ng/ml



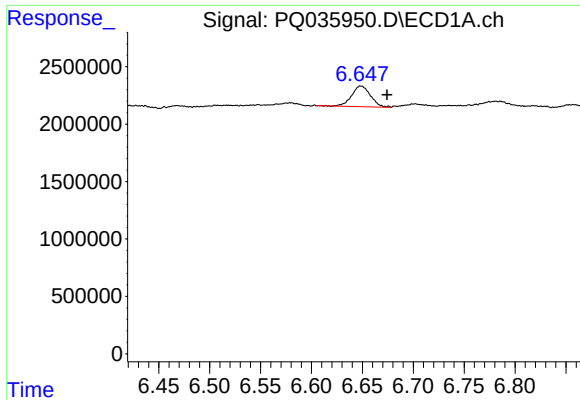
#22 AR-1248-2

R.T.: 5.848 min  
Delta R.T.: -0.028 min  
Response: 1010491  
Conc: 10.66 ng/ml



#22 AR-1248-2

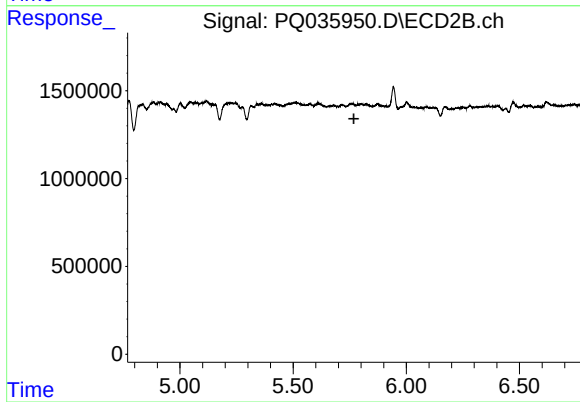
R.T.: 0.000 min  
Exp R.T.: 5.060 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

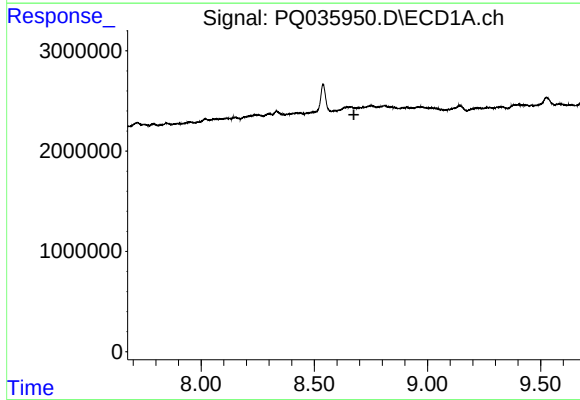
R.T.: 6.649 min  
Delta R.T.: -0.026 min  
Response: 2321730  
Conc: 9.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



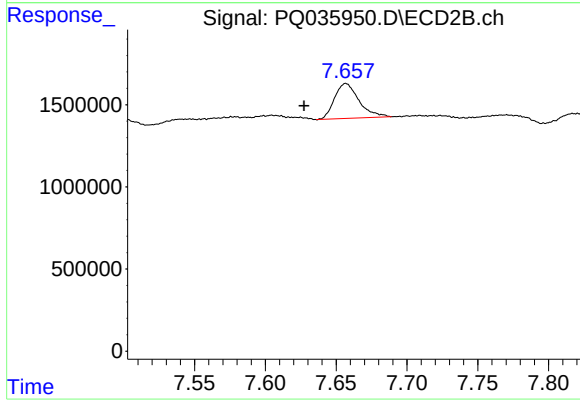
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.769 min  
Response: 0  
Conc: N.D.



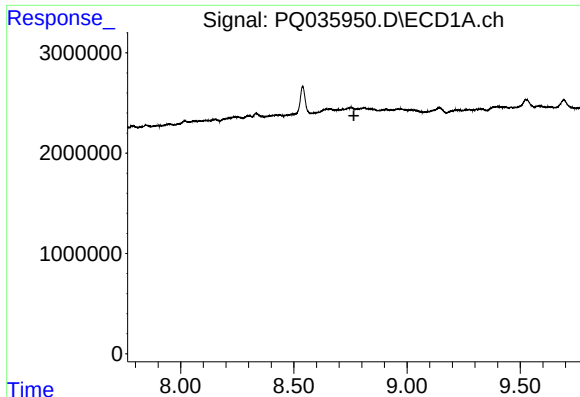
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.675 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

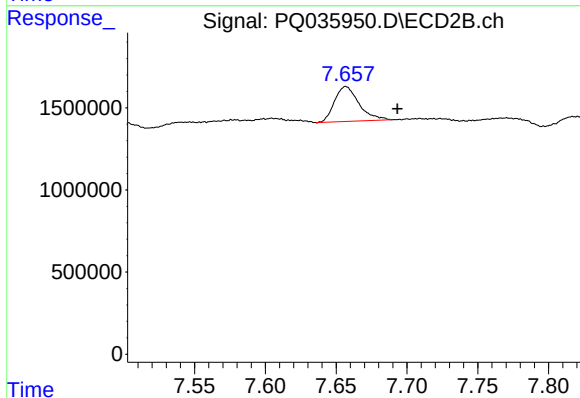
R.T.: 7.657 min  
Delta R.T.: 0.030 min  
Response: 2547873  
Conc: 24.55 ng/ml



#39 AR-1262-4

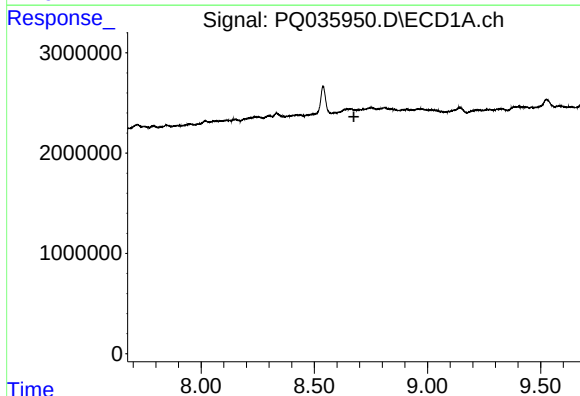
R.T.: 0.000 min  
Exp R.T. : 8.765 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



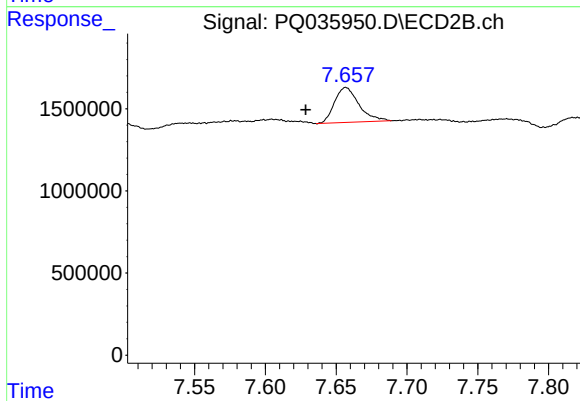
#39 AR-1262-4

R.T.: 7.657 min  
Delta R.T.: -0.036 min  
Response: 2547873  
Conc: 13.75 ng/ml



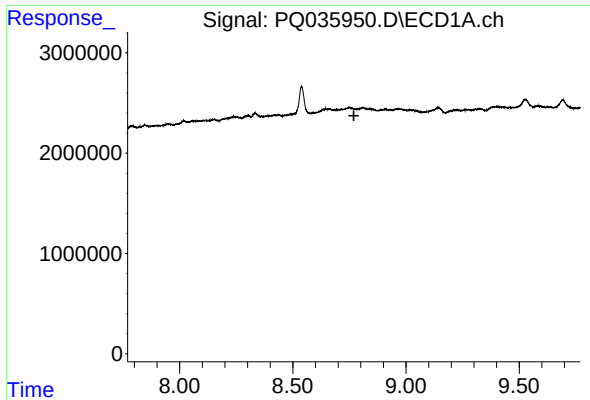
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.675 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

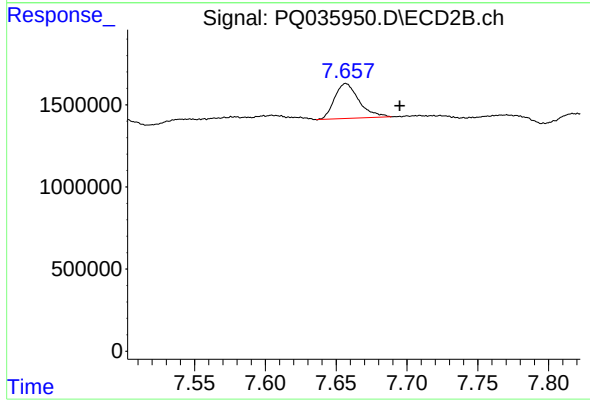
R.T.: 7.657 min  
Delta R.T.: 0.028 min  
Response: 2547873  
Conc: 7.64 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.770 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P002-SS019-0006-01



#42 AR-1268-2

R.T.: 7.657 min  
Delta R.T.: -0.038 min  
Response: 2547873  
Conc: 8.60 ng/ml