

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ012020\  
 Data File : PQ046193.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2020 09:49  
 Operator : AJ\MA  
 Sample : L1161-08  
 Misc : AR1262 LOQ 50 PPB  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 21 11:58:12 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ012020.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 21 02:38:37 2020  
 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... | 5.206  | 4.357 | 136.9E6  | 56395142 | 19.302 | 17.977   |
| 2)                          | SA Decachlor... | 11.346 | 9.785 | 142.2E6  | 100.5E6  | 16.790 | 19.445   |
|                             |                 |        |       |          |          |        |          |
| Target Compounds            |                 |        |       |          |          |        |          |
| 9)                          | L2 AR-1221-2    | 5.558  | 0.000 | 2534221  | 0        | 39.237 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 7.430  | 6.517 | 4685318  | 1178980  | 25.455 | 11.621 # |
| 24)                         | L5 AR-1248-4    | 7.430  | 0.000 | 4685318  | 0        | 16.868 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 0.000  | 6.517 | 0        | 1178980  | N.D.   | 10.160 # |
| 26)                         | L6 AR-1254-1    | 7.430  | 6.517 | 4685318  | 1178980  | 15.629 | 5.967 #  |
| 27)                         | L6 AR-1254-2    | 7.658  | 6.675 | 3857543  | 1766313  | 8.150  | 10.056   |
| 28)                         | L6 AR-1254-3    | 8.043  | 7.118 | 2083834  | 7593952  | 4.025  | 24.503 # |
| 29)                         | L6 AR-1254-4    | 8.337  | 7.370 | 2331237  | 1737206  | 6.593  | 9.791 #  |
| 30)                         | L6 AR-1254-5    | 8.764  | 7.774 | 21990363 | 7840190  | 52.477 | 27.335 # |
| 31)                         | L7 AR-1260-1    | 8.210  | 7.238 | 20728905 | 11238386 | 50.797 | 49.422   |
| 32)                         | L7 AR-1260-2    | 8.473  | 7.433 | 23181153 | 10430822 | 48.239 | 40.933   |
| 33)                         | L7 AR-1260-3    | 8.842  | 7.597 | 31775327 | 11529357 | 79.987 | 44.877 # |
| 34)                         | L7 AR-1260-4    | 9.082  | 8.080 | 29303867 | 19191254 | 64.853 | 82.128 # |
| 35)                         | L7 AR-1260-5    | 9.421  | 8.324 | 47723462 | 29370102 | 54.228 | 52.072   |
| 36)                         | L8 AR-1262-1    | 8.842  | 7.774 | 31775327 | 7840190  | 61.184 | 55.013   |
| 37)                         | L8 AR-1262-2    | 9.421  | 8.324 | 47723462 | 29370102 | 52.817 | 51.355   |
| 38)                         | L8 AR-1262-3    | 9.751  | 8.614 | 31410094 | 15109787 | 53.065 | 66.319   |
| 39)                         | L8 AR-1262-4    | 9.843  | 8.681 | 29072701 | 27952231 | 57.758 | 60.802   |
| 40)                         | L8 AR-1262-5    | 10.545 | 9.195 | 14594134 | 10739717 | 48.756 | 59.086   |
| 41)                         | L9 AR-1268-1    | 9.751  | 8.614 | 31410094 | 15109787 | 26.669 | 20.898   |
| 42)                         | L9 AR-1268-2    | 9.843  | 8.681 | 29072701 | 27952231 | 25.965 | 40.520 # |
| 43)                         | L9 AR-1268-3    | 10.091 | 8.894 | 2410068  | 2175617  | 2.604  | 3.896 #  |
| 44)                         | L9 AR-1268-4    | 10.545 | 9.195 | 14594134 | 10739717 | 40.624 | 47.489   |
| 45)                         | L9 AR-1268-5    | 10.985 | 9.509 | 5004369  | 3594686  | 1.677  | 1.939    |
| -----                       |                 |        |       |          |          |        |          |

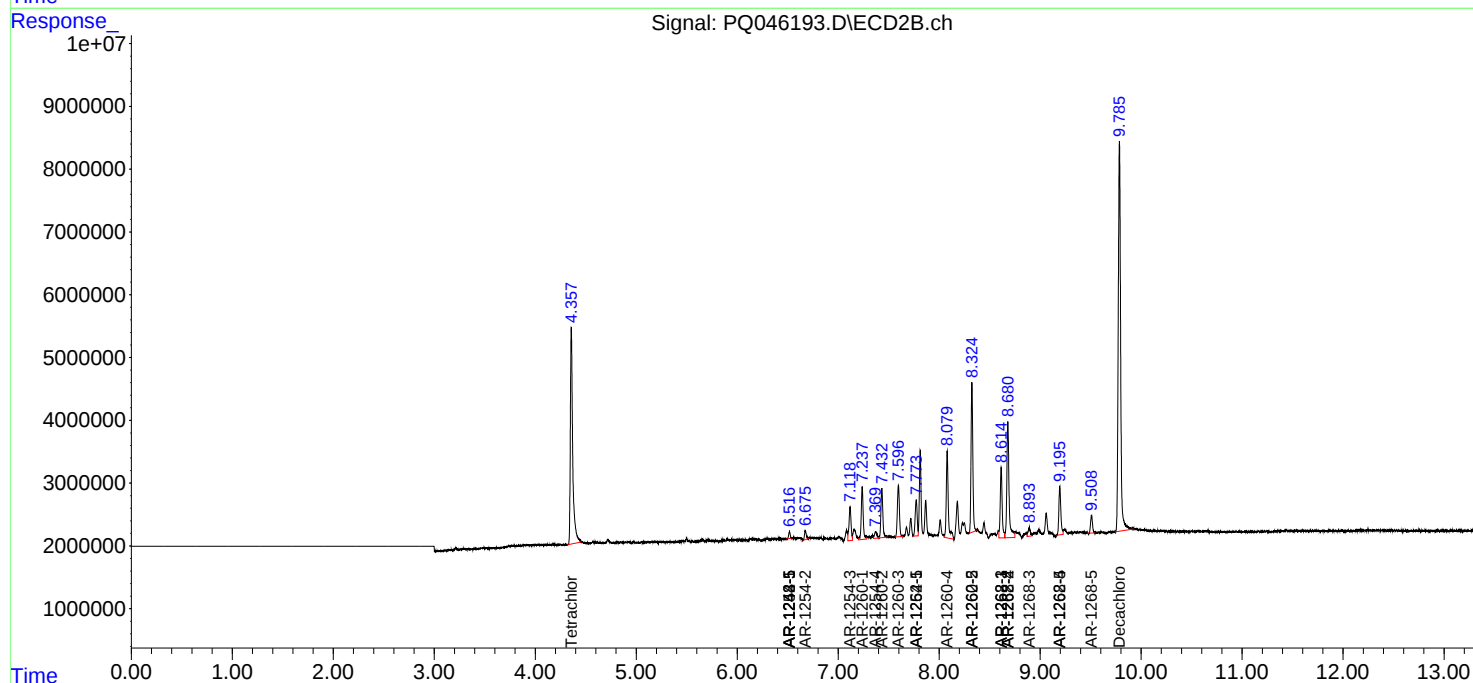
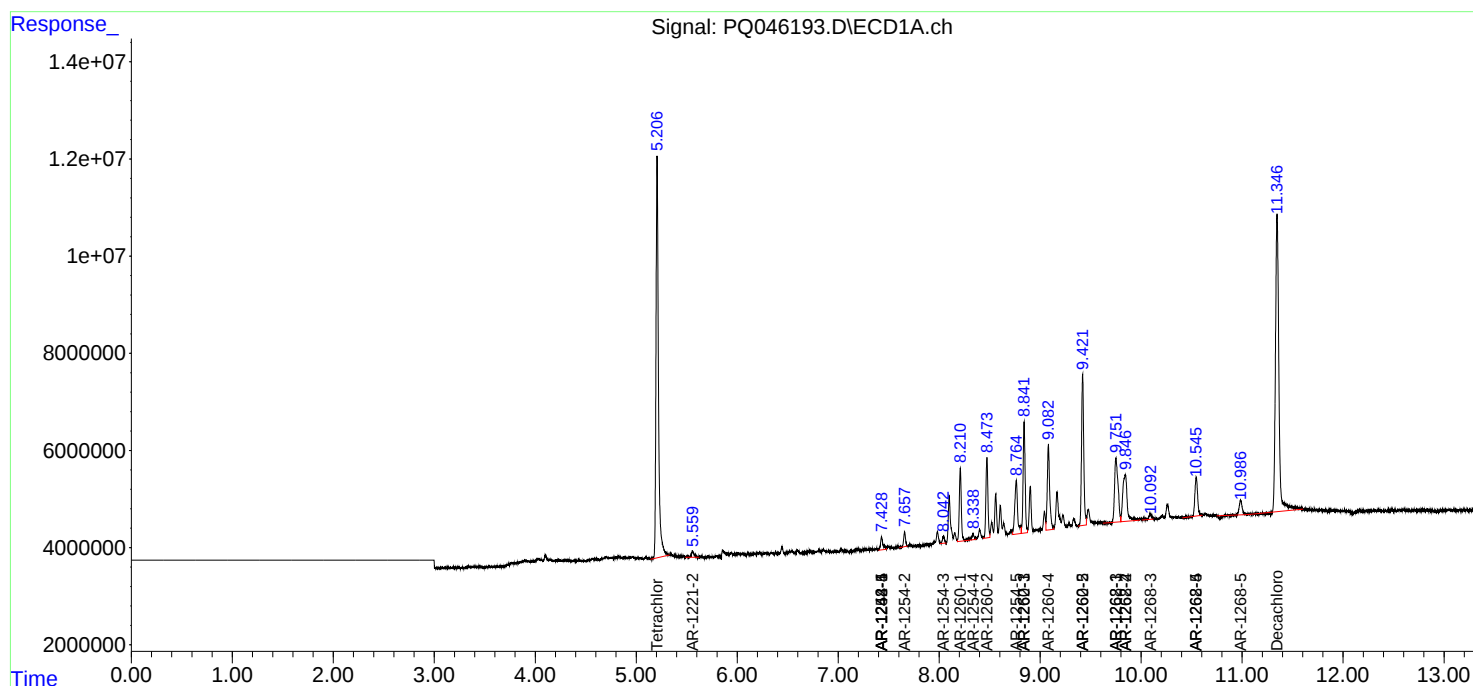
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

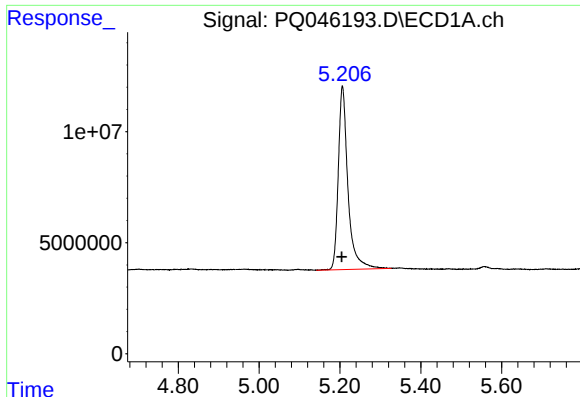
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ012020\  
Data File : PQ046193.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jan 2020 09:49  
Operator : AJ\MA  
Sample : L1161-08  
Misc : AR1262 LOQ 50 PPB  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 21 11:58:12 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ012020.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 21 02:38:37 2020  
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

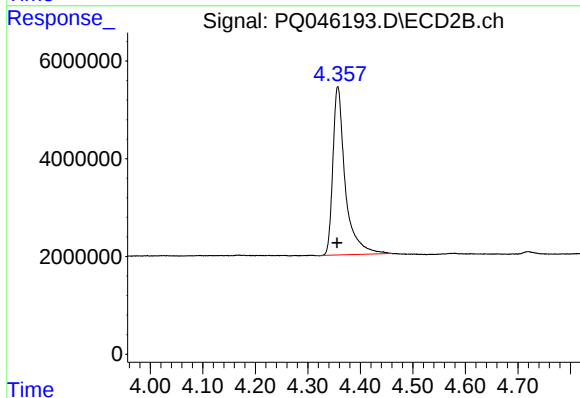




#1 Tetrachloro-m-xylene

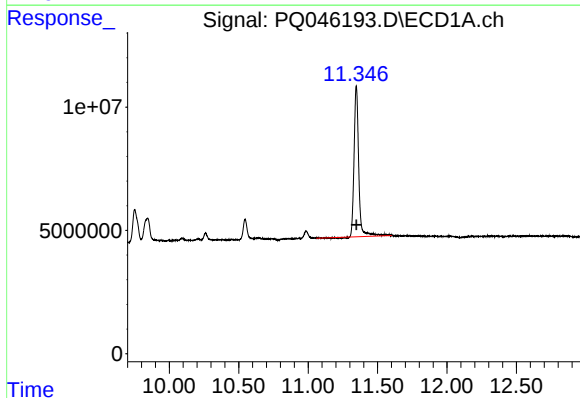
R.T.: 5.206 min  
Delta R.T.: 0.001 min  
Response: 136868205  
Conc: 19.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



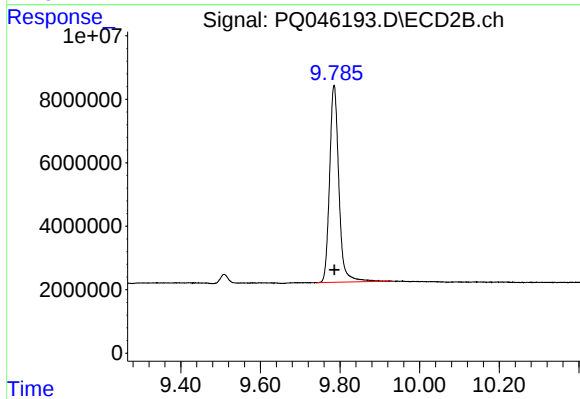
#1 Tetrachloro-m-xylene

R.T.: 4.357 min  
Delta R.T.: 0.001 min  
Response: 56395142  
Conc: 17.98 ng/ml



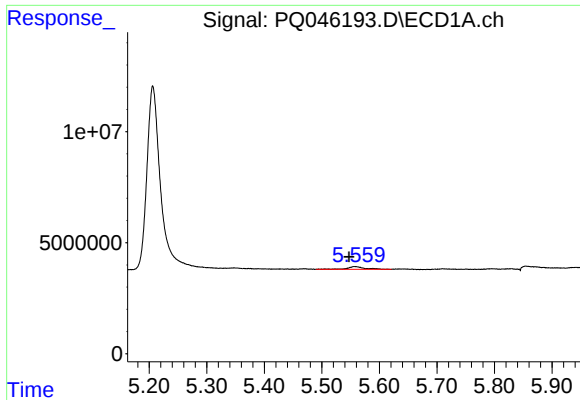
#2 Decachlorobiphenyl

R.T.: 11.346 min  
Delta R.T.: -0.002 min  
Response: 142189747  
Conc: 16.79 ng/ml



#2 Decachlorobiphenyl

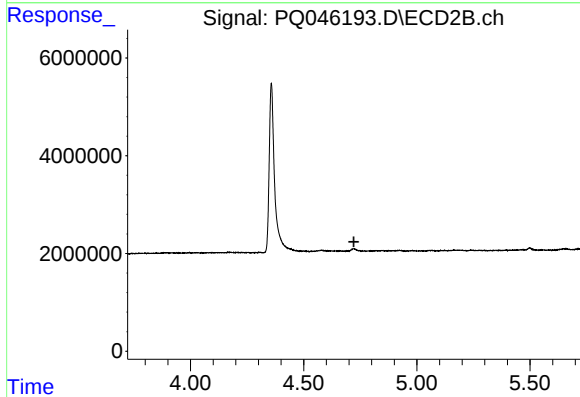
R.T.: 9.785 min  
Delta R.T.: -0.001 min  
Response: 100490028  
Conc: 19.45 ng/ml



#9 AR-1221-2

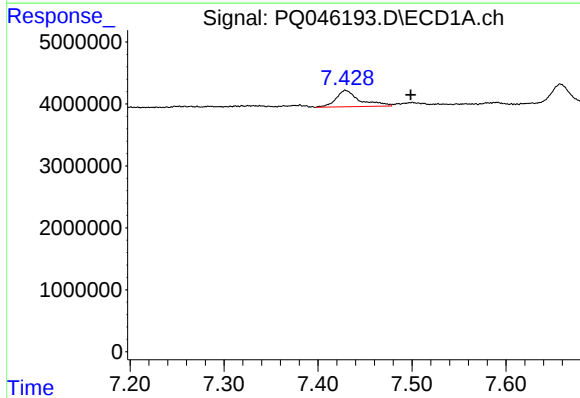
R.T.: 5.558 min  
Delta R.T.: 0.010 min  
Response: 2534221  
Conc: 39.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



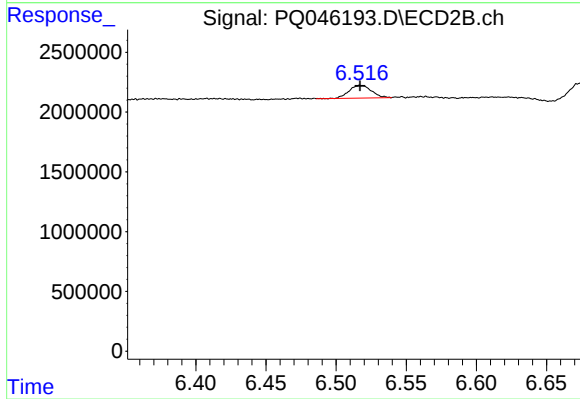
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.722 min  
Response: 0  
Conc: N.D.



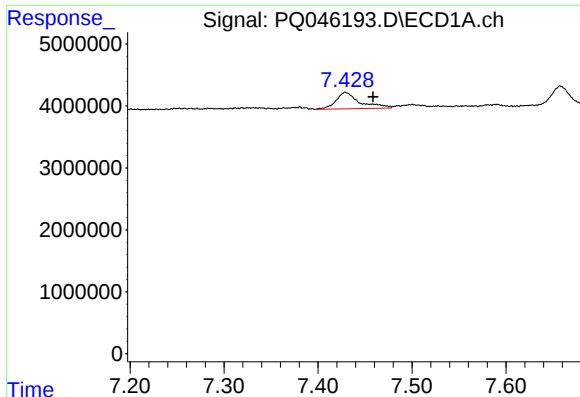
#20 AR-1242-5

R.T.: 7.430 min  
Delta R.T.: -0.069 min  
Response: 4685318  
Conc: 25.46 ng/ml



#20 AR-1242-5

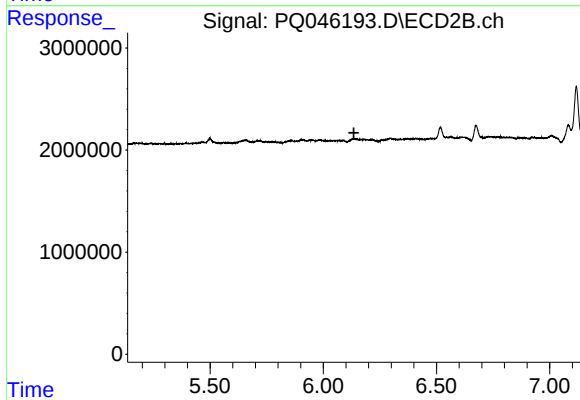
R.T.: 6.517 min  
Delta R.T.: 0.000 min  
Response: 1178980  
Conc: 11.62 ng/ml



#24 AR-1248-4

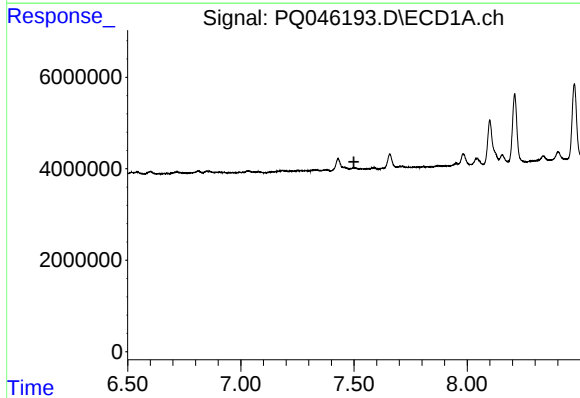
R.T.: 7.430 min  
Delta R.T.: -0.029 min  
Response: 4685318  
Conc: 16.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



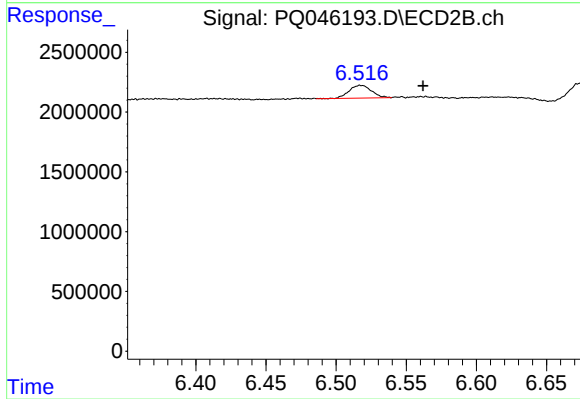
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.135 min  
Response: 0  
Conc: N.D.



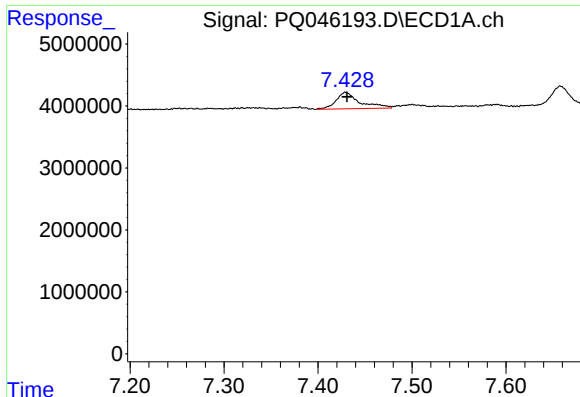
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 7.500 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

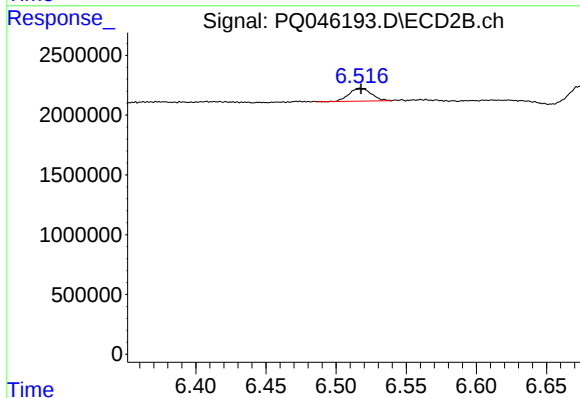
R.T.: 6.517 min  
Delta R.T.: -0.045 min  
Response: 1178980  
Conc: 10.16 ng/ml



#26 AR-1254-1

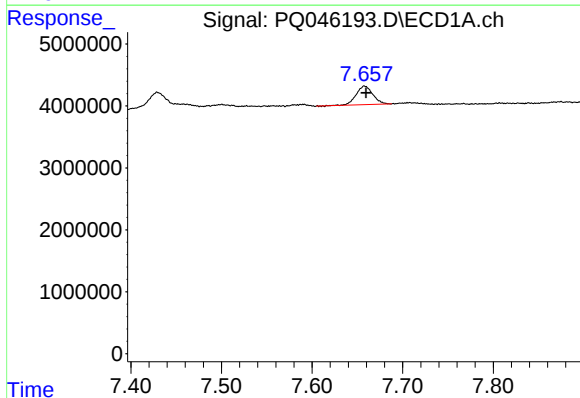
R.T.: 7.430 min  
Delta R.T.: -0.001 min  
Response: 4685318  
Conc: 15.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



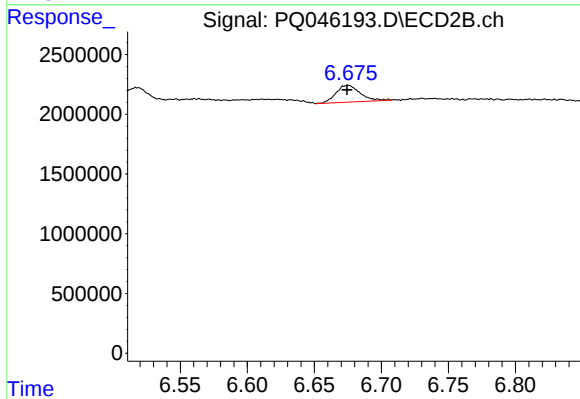
#26 AR-1254-1

R.T.: 6.517 min  
Delta R.T.: 0.000 min  
Response: 1178980  
Conc: 5.97 ng/ml



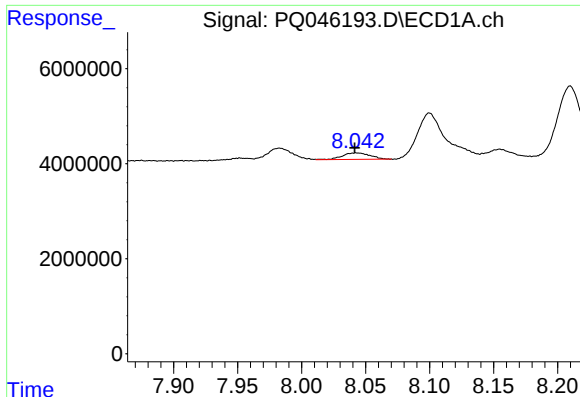
#27 AR-1254-2

R.T.: 7.658 min  
Delta R.T.: -0.002 min  
Response: 3857543  
Conc: 8.15 ng/ml



#27 AR-1254-2

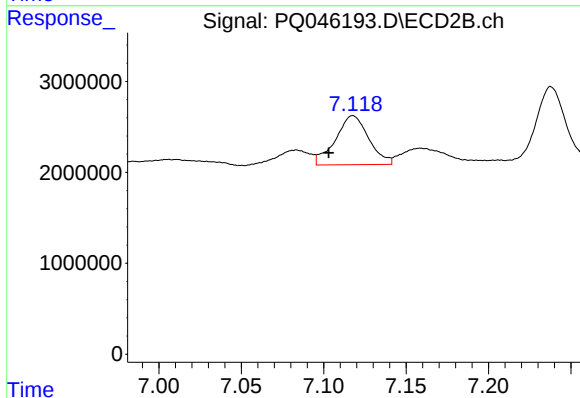
R.T.: 6.675 min  
Delta R.T.: 0.000 min  
Response: 1766313  
Conc: 10.06 ng/ml



#28 AR-1254-3

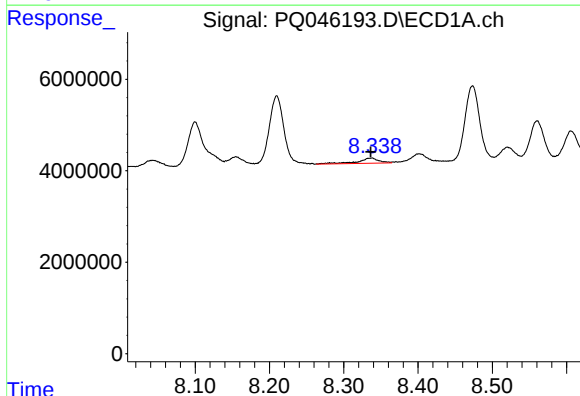
R.T.: 8.043 min  
Delta R.T.: 0.001 min  
Response: 2083834  
Conc: 4.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



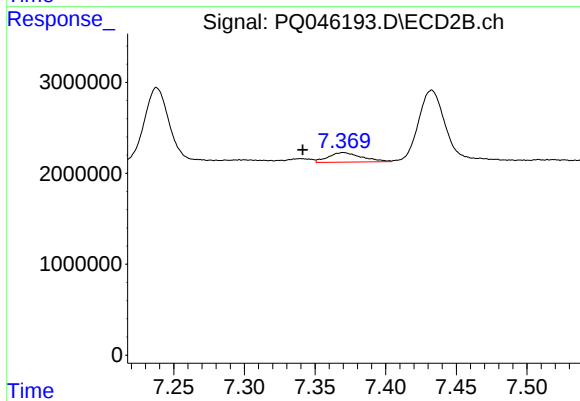
#28 AR-1254-3

R.T.: 7.118 min  
Delta R.T.: 0.015 min  
Response: 7593952  
Conc: 24.50 ng/ml



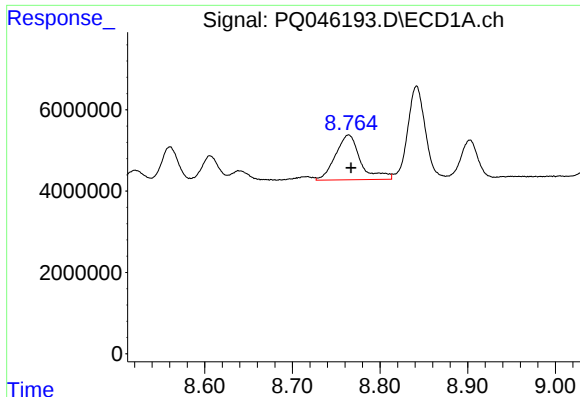
#29 AR-1254-4

R.T.: 8.337 min  
Delta R.T.: 0.000 min  
Response: 2331237  
Conc: 6.59 ng/ml



#29 AR-1254-4

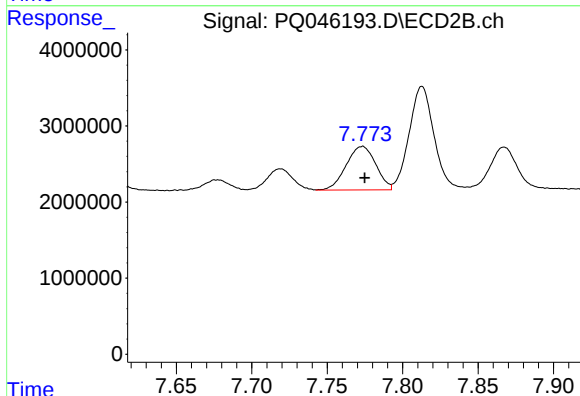
R.T.: 7.370 min  
Delta R.T.: 0.029 min  
Response: 1737206  
Conc: 9.79 ng/ml



#30 AR-1254-5

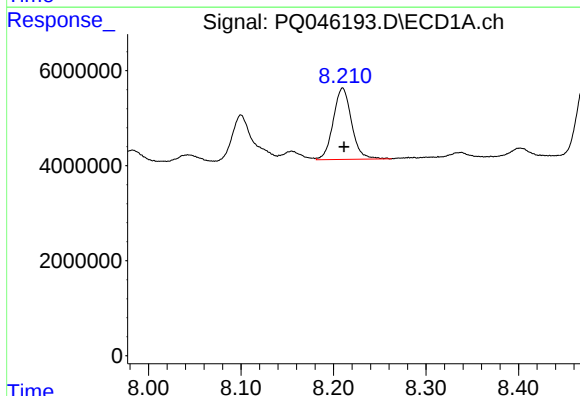
R.T.: 8.764 min  
Delta R.T.: -0.003 min  
Response: 21990363  
Conc: 52.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



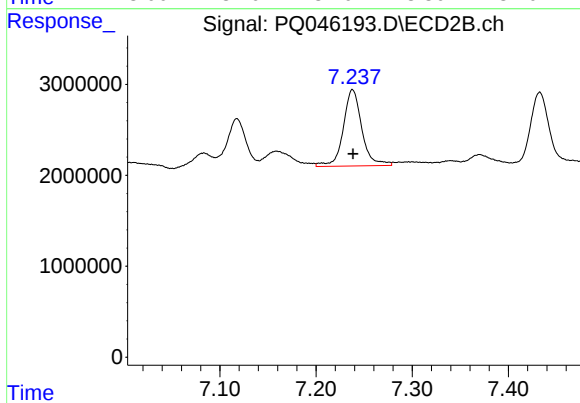
#30 AR-1254-5

R.T.: 7.774 min  
Delta R.T.: -0.001 min  
Response: 7840190  
Conc: 27.34 ng/ml



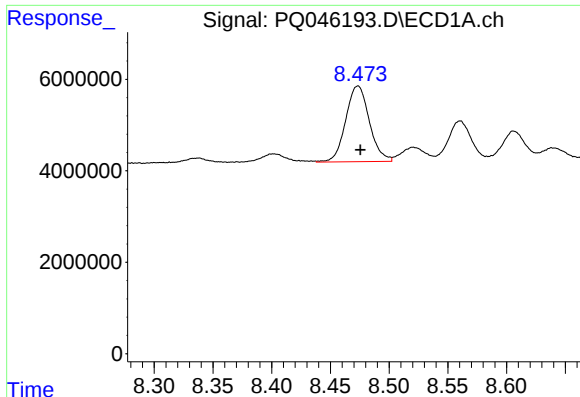
#31 AR-1260-1

R.T.: 8.210 min  
Delta R.T.: -0.002 min  
Response: 20728905  
Conc: 50.80 ng/ml



#31 AR-1260-1

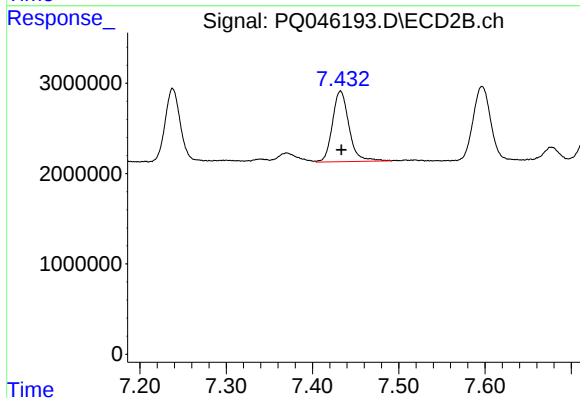
R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 11238386  
Conc: 49.42 ng/ml



#32 AR-1260-2

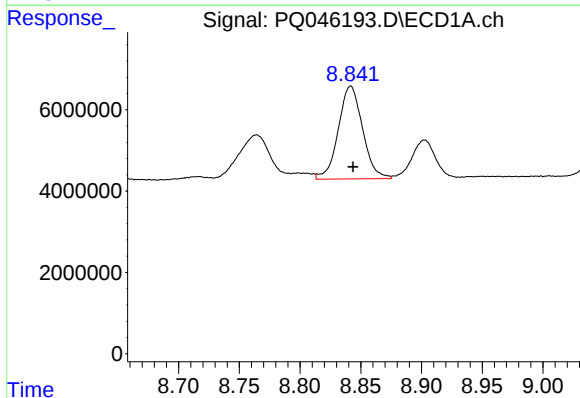
R.T.: 8.473 min  
Delta R.T.: -0.002 min  
Response: 23181153  
Conc: 48.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



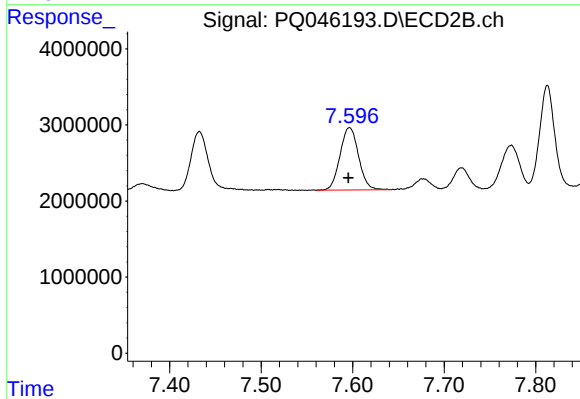
#32 AR-1260-2

R.T.: 7.433 min  
Delta R.T.: 0.000 min  
Response: 10430822  
Conc: 40.93 ng/ml



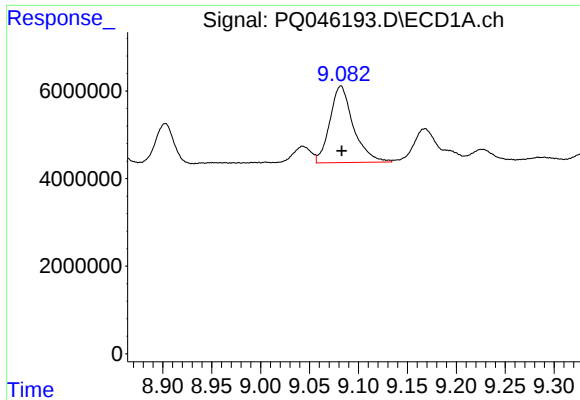
#33 AR-1260-3

R.T.: 8.842 min  
Delta R.T.: -0.002 min  
Response: 31775327  
Conc: 79.99 ng/ml



#33 AR-1260-3

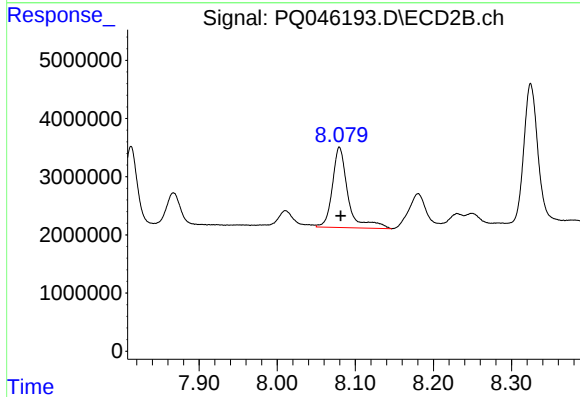
R.T.: 7.597 min  
Delta R.T.: 0.001 min  
Response: 11529357  
Conc: 44.88 ng/ml



#34 AR-1260-4

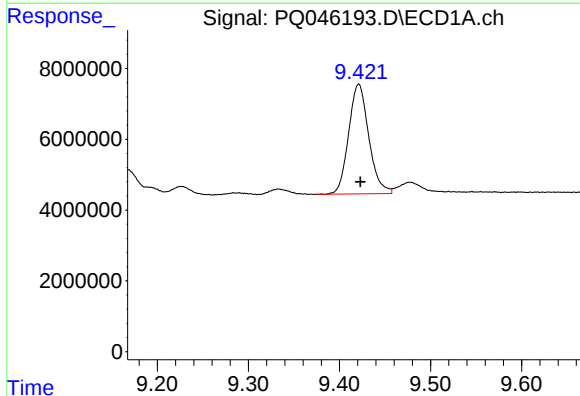
R.T.: 9.082 min  
Delta R.T.: -0.001 min  
Response: 29303867  
Conc: 64.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



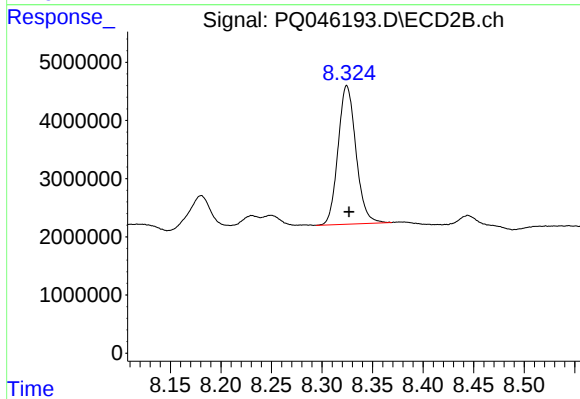
#34 AR-1260-4

R.T.: 8.080 min  
Delta R.T.: -0.002 min  
Response: 19191254  
Conc: 82.13 ng/ml



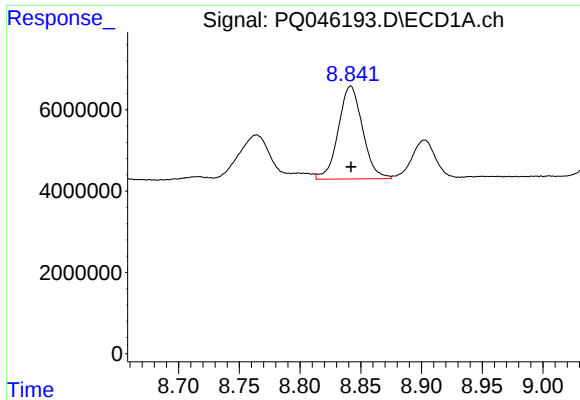
#35 AR-1260-5

R.T.: 9.421 min  
Delta R.T.: -0.002 min  
Response: 47723462  
Conc: 54.23 ng/ml



#35 AR-1260-5

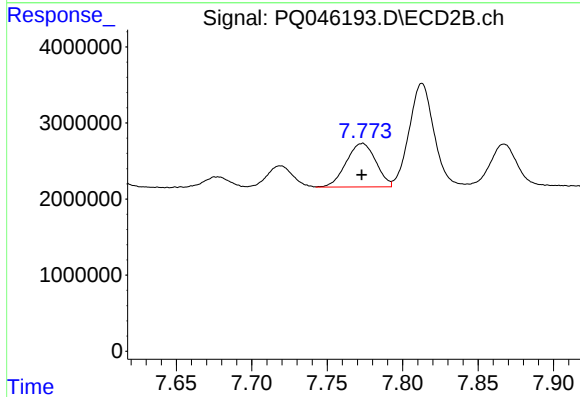
R.T.: 8.324 min  
Delta R.T.: -0.002 min  
Response: 29370102  
Conc: 52.07 ng/ml



#36 AR-1262-1

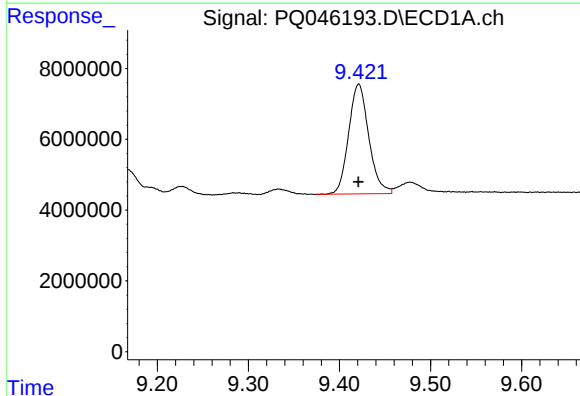
R.T.: 8.842 min  
Delta R.T.: 0.000 min  
Response: 31775327  
Conc: 61.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



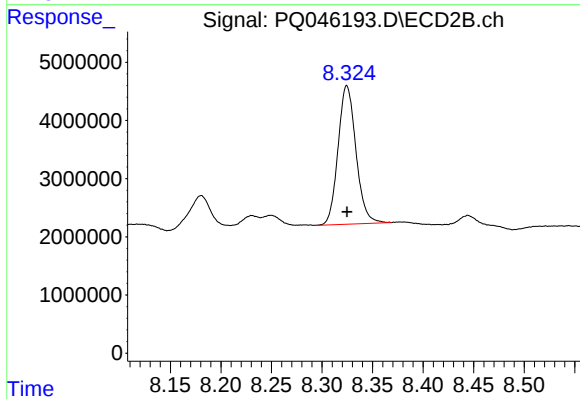
#36 AR-1262-1

R.T.: 7.774 min  
Delta R.T.: 0.000 min  
Response: 7840190  
Conc: 55.01 ng/ml



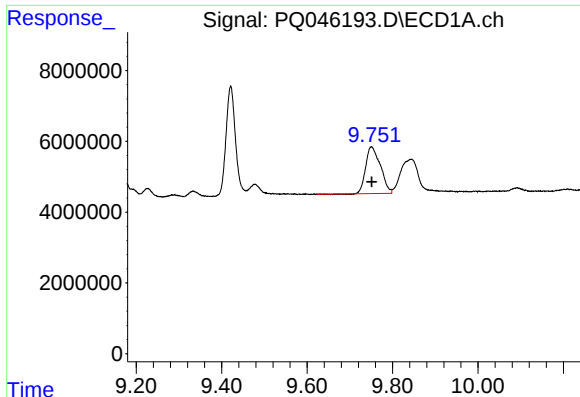
#37 AR-1262-2

R.T.: 9.421 min  
Delta R.T.: 0.000 min  
Response: 47723462  
Conc: 52.82 ng/ml



#37 AR-1262-2

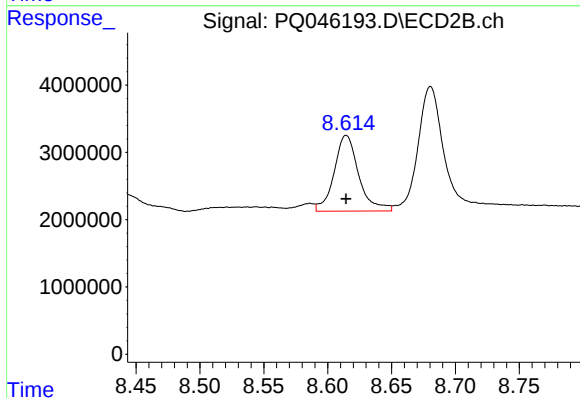
R.T.: 8.324 min  
Delta R.T.: 0.000 min  
Response: 29370102  
Conc: 51.35 ng/ml



#38 AR-1262-3

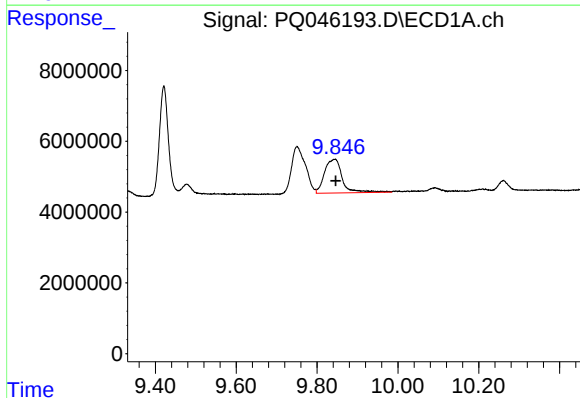
R.T.: 9.751 min  
Delta R.T.: 0.000 min  
Response: 31410094  
Conc: 53.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



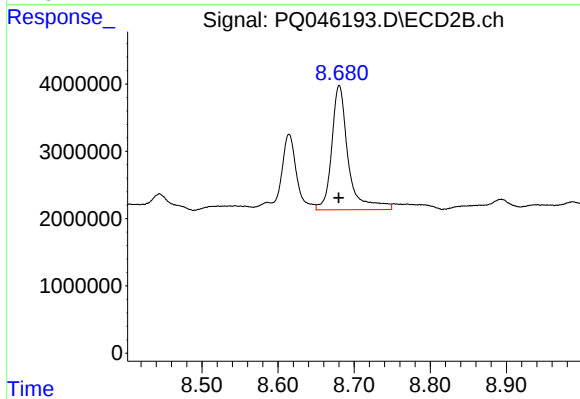
#38 AR-1262-3

R.T.: 8.614 min  
Delta R.T.: 0.000 min  
Response: 15109787  
Conc: 66.32 ng/ml



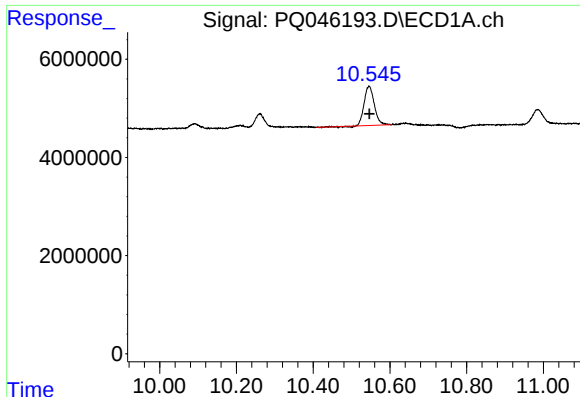
#39 AR-1262-4

R.T.: 9.843 min  
Delta R.T.: -0.003 min  
Response: 29072701  
Conc: 57.76 ng/ml



#39 AR-1262-4

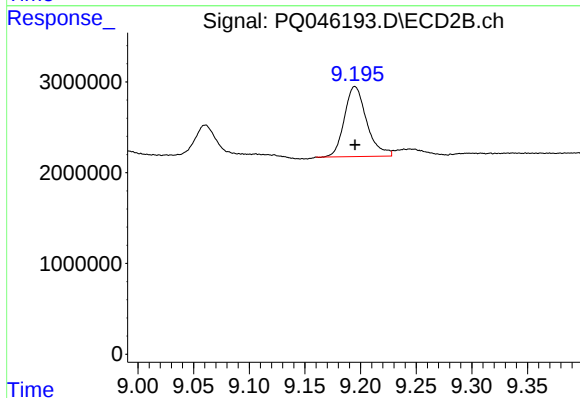
R.T.: 8.681 min  
Delta R.T.: 0.000 min  
Response: 27952231  
Conc: 60.80 ng/ml



#40 AR-1262-5

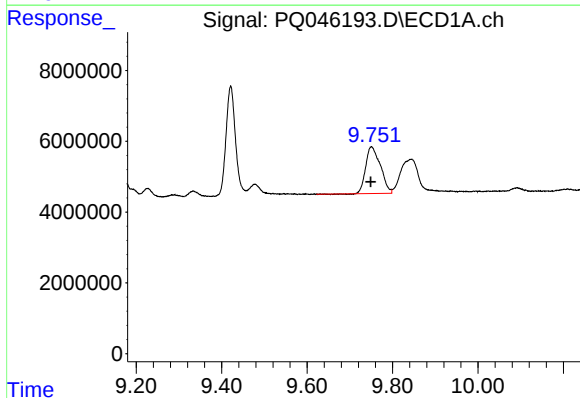
R.T.: 10.545 min  
Delta R.T.: -0.001 min  
Response: 14594134  
Conc: 48.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



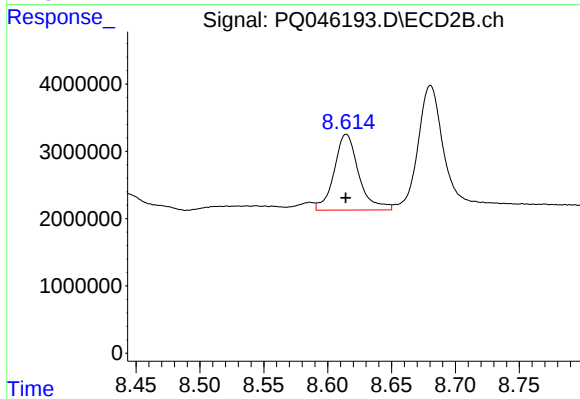
#40 AR-1262-5

R.T.: 9.195 min  
Delta R.T.: 0.000 min  
Response: 10739717  
Conc: 59.09 ng/ml



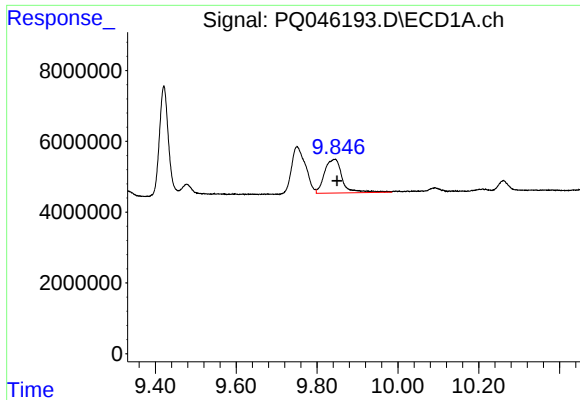
#41 AR-1268-1

R.T.: 9.751 min  
Delta R.T.: 0.002 min  
Response: 31410094  
Conc: 26.67 ng/ml



#41 AR-1268-1

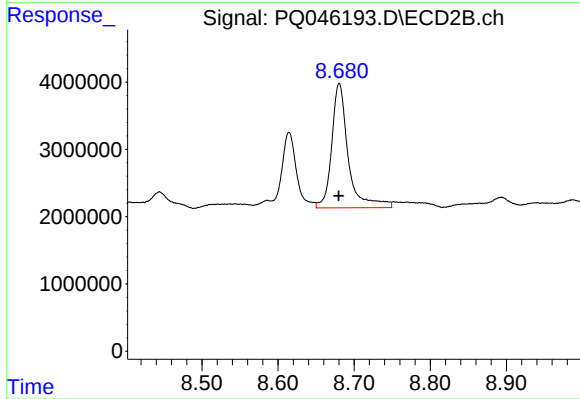
R.T.: 8.614 min  
Delta R.T.: 0.000 min  
Response: 15109787  
Conc: 20.90 ng/ml



#42 AR-1268-2

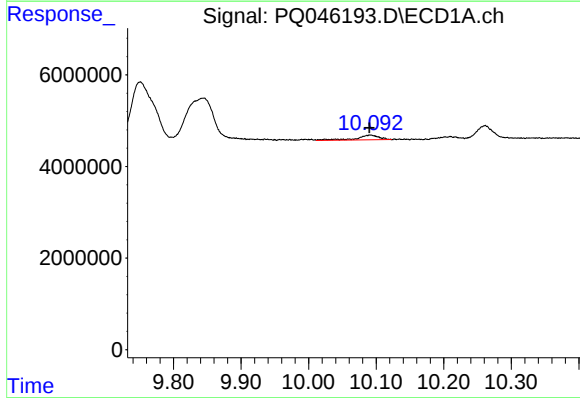
R.T.: 9.843 min  
Delta R.T.: -0.006 min  
Response: 29072701  
Conc: 25.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



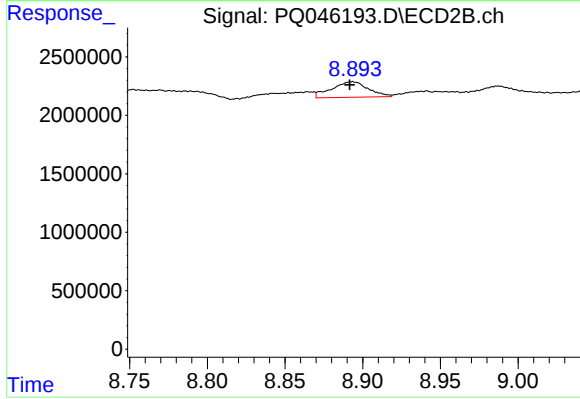
#42 AR-1268-2

R.T.: 8.681 min  
Delta R.T.: 0.000 min  
Response: 27952231  
Conc: 40.52 ng/ml



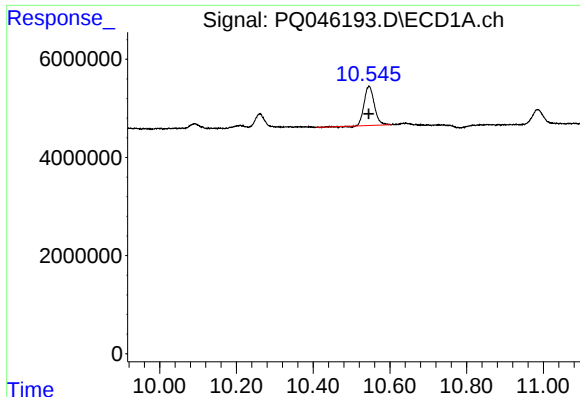
#43 AR-1268-3

R.T.: 10.091 min  
Delta R.T.: 0.001 min  
Response: 2410068  
Conc: 2.60 ng/ml



#43 AR-1268-3

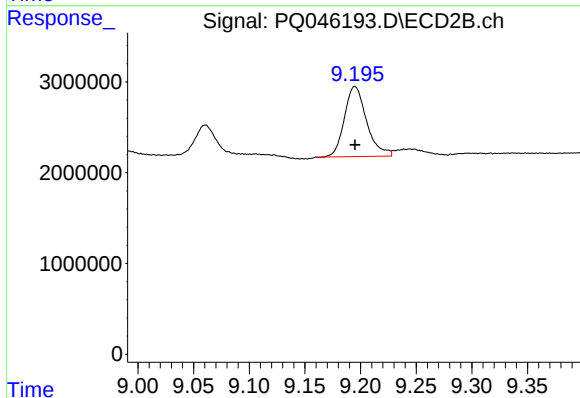
R.T.: 8.894 min  
Delta R.T.: 0.002 min  
Response: 2175617  
Conc: 3.90 ng/ml



#44 AR-1268-4

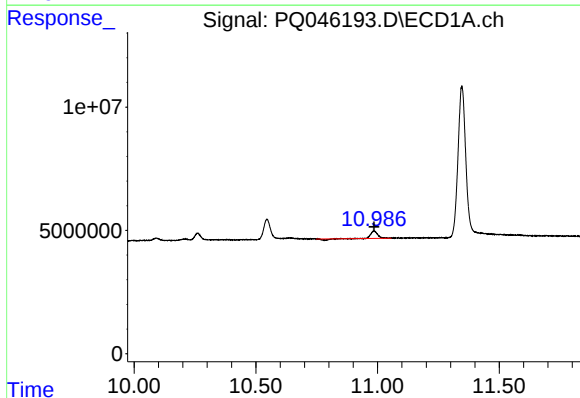
R.T.: 10.545 min  
Delta R.T.: 0.000 min  
Response: 14594134  
Conc: 40.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



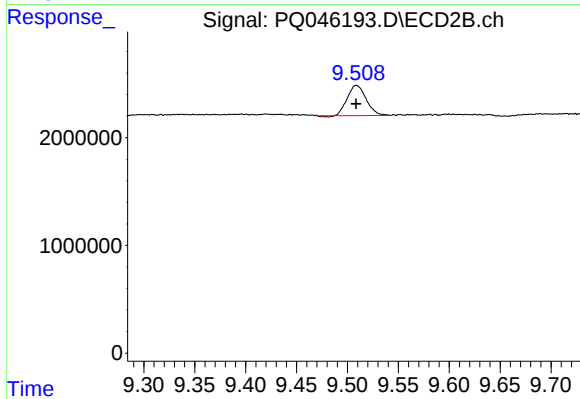
#44 AR-1268-4

R.T.: 9.195 min  
Delta R.T.: 0.000 min  
Response: 10739717  
Conc: 47.49 ng/ml



#45 AR-1268-5

R.T.: 10.985 min  
Delta R.T.: 0.000 min  
Response: 5004369  
Conc: 1.68 ng/ml



#45 AR-1268-5

R.T.: 9.509 min  
Delta R.T.: 0.000 min  
Response: 3594686  
Conc: 1.94 ng/ml