

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ080719\  
 Data File : PQ042091.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Aug 2019 11:21  
 Operator : SM\AJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 08 04:57:39 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... | 5.681  | 4.740  | 58582654 | 53478486 | 25.544   | 27.749     |
| 2)                          | SA Decachlor... | 12.072 | 10.495 | 350.5E6  | 266.4E6  | 41.573   | 55.062 #   |
| Target Compounds            |                 |        |        |          |          |          |            |
| 5)                          | L1 AR-1016-3    | 0.000  | 6.483  | 0        | 32515535 | N.D.     | 436.029 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.483  | 0        | 32515535 | N.D.     | 524.357 #  |
| 7)                          | L1 AR-1016-5    | 7.671  | 6.735  | 18755736 | 19592378 | 238.592  | 240.683    |
| 13)                         | L3 AR-1232-3    | 0.000  | 6.483  | 0        | 32515535 | N.D.     | 1090.411 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.532  | 0        | 8839431  | N.D.     | 331.106 #  |
| 15)                         | L3 AR-1232-5    | 7.441  | 6.735  | 29821285 | 19592378 | 1387.664 | 668.086 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 6.483  | 0        | 32515535 | N.D.     | 550.433 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.532  | 0        | 8839431  | N.D.     | 149.070 #  |
| 20)                         | L4 AR-1242-5    | 8.161  | 7.145  | 20245790 | 93319645 | 228.184  | 1050.965 # |
| 22)                         | L5 AR-1248-2    | 7.441  | 6.483  | 29821285 | 32515535 | 323.220  | 372.937    |
| 23)                         | L5 AR-1248-3    | 7.671  | 6.532  | 18755736 | 8839431  | 167.400  | 99.035 #   |
| 24)                         | L5 AR-1248-4    | 8.117  | 6.735  | 34811331 | 19592378 | 222.638  | 177.884    |
| 25)                         | L5 AR-1248-5    | 8.161  | 7.191  | 20245790 | 12418349 | 133.792  | 96.886 #   |
| 26)                         | L6 AR-1254-1    | 8.087  | 7.145  | 62322837 | 93319645 | 447.996  | 510.265    |
| 27)                         | L6 AR-1254-2    | 8.326  | 7.313  | 104.4E6  | 83155076 | 456.101  | 513.711    |
| 28)                         | L6 AR-1254-3    | 8.719  | 7.761  | 123.0E6  | 145.6E6  | 449.683  | 504.945    |
| 29)                         | L6 AR-1254-4    | 9.023  | 8.009  | 104.3E6  | 103.9E6  | 423.533  | 478.623    |
| 30)                         | L6 AR-1254-5    | 9.462  | 8.456  | 115.0E6  | 146.1E6  | 424.704  | 485.611    |
| 31)                         | L7 AR-1260-1    | 8.892  | 7.903  | 47355139 | 69615078 | 266.212  | 383.703 #  |
| 32)                         | L7 AR-1260-2    | 9.163  | 8.105  | 60465962 | 60083855 | 239.683  | 244.905    |
| 33)                         | L7 AR-1260-3    | 9.527  | 8.269  | 14114439 | 60288382 | 61.599   | 283.340 #  |
| 34)                         | L7 AR-1260-4    | 9.770  | 8.768  | 48502609 | 6889470  | 189.951  | 34.058 #   |
| 35)                         | L7 AR-1260-5    | 10.126 | 9.055  | 19713402 | 5943932  | 29.266   | 10.071 #   |
| 36)                         | L8 AR-1262-1    | 9.598  | 8.529  | 3920479  | 14965313 | 25.508   | 104.314 #  |
| 37)                         | L8 AR-1262-2    | 10.126 | 9.018  | 19713402 | 17935760 | 22.519   | 24.203     |
| 38)                         | L8 AR-1262-3    | 10.483 | 9.380  | 16863245 | 18037479 | 26.556   | 57.014 #   |
| 39)                         | L8 AR-1262-4    | 10.537 | 9.380  | 4692034  | 18037479 | 9.371    | 32.074 #   |
| 41)                         | L9 AR-1268-1    | 10.483 | 9.380  | 16863245 | 18037479 | 11.838   | 15.778 #   |
| 42)                         | L9 AR-1268-2    | 10.537 | 9.380  | 4692034  | 18037479 | 3.557    | 17.571 #   |
| 45)                         | L9 AR-1268-5    | 11.712 | 0.000  | 3355505  | 0        | 0.828    | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

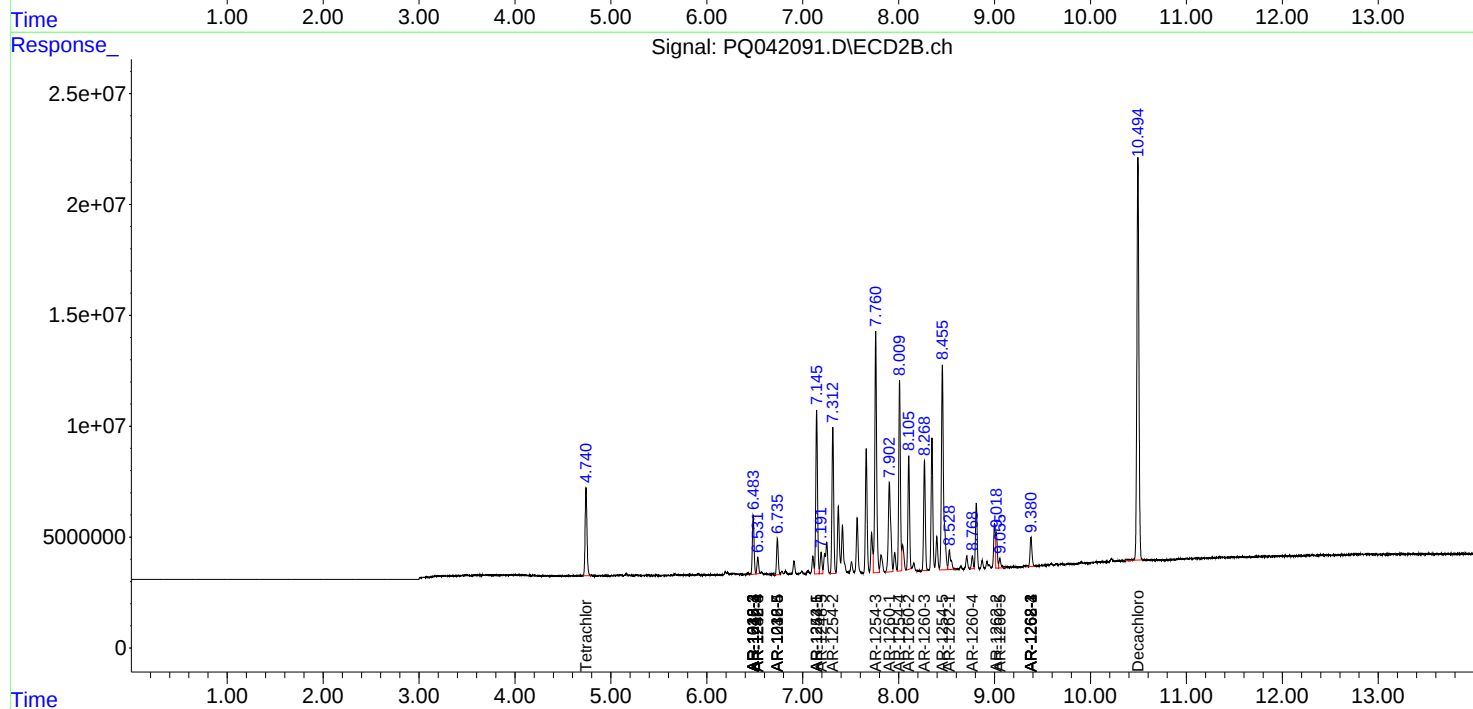
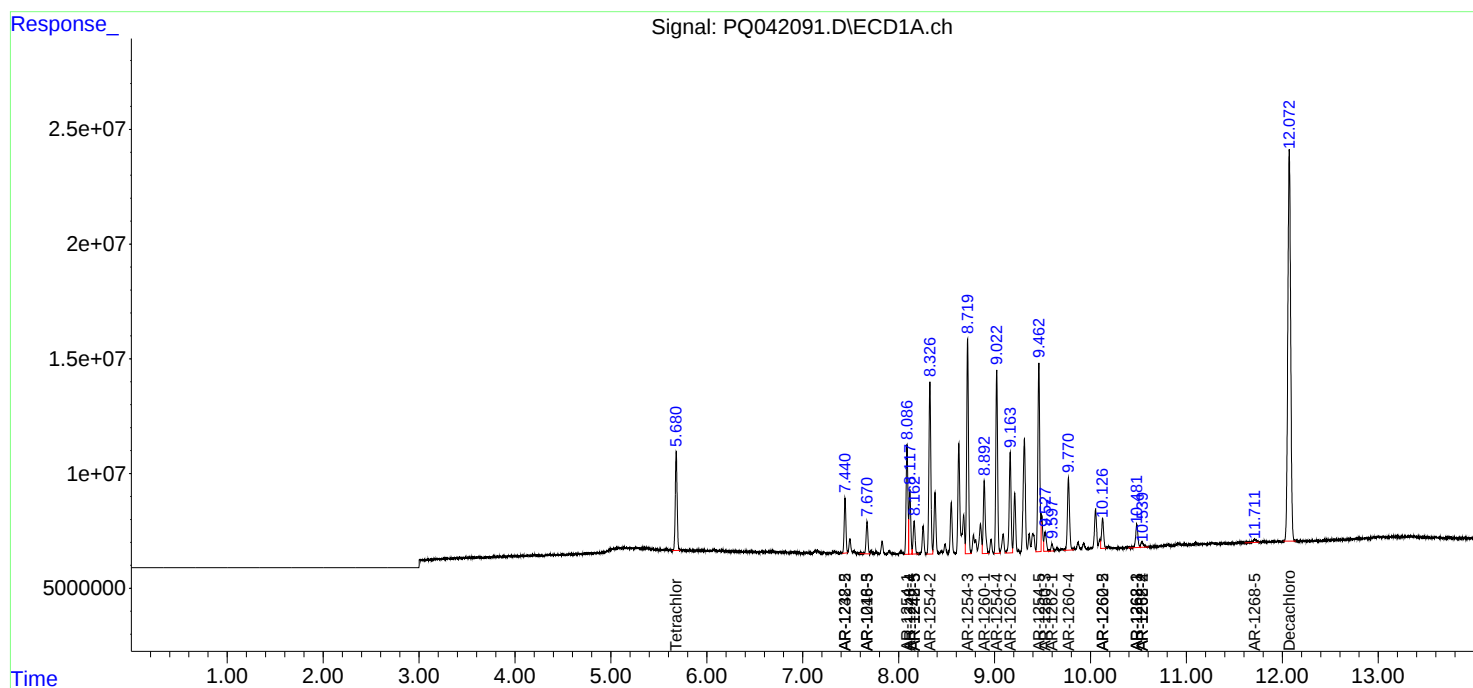
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

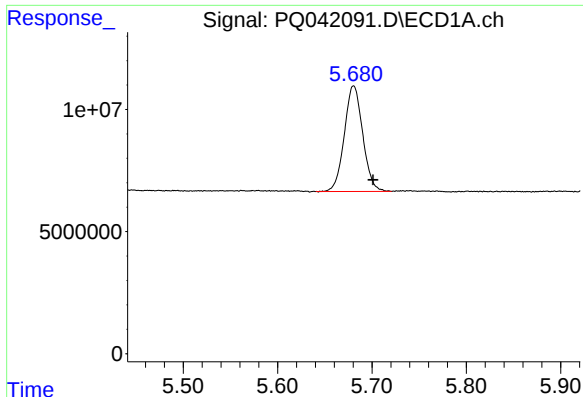
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ080719\  
Data File : PQ042091.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Aug 2019 11:21  
Operator : SM\AJ  
Sample : AR1254CCC400  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 04:57:39 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

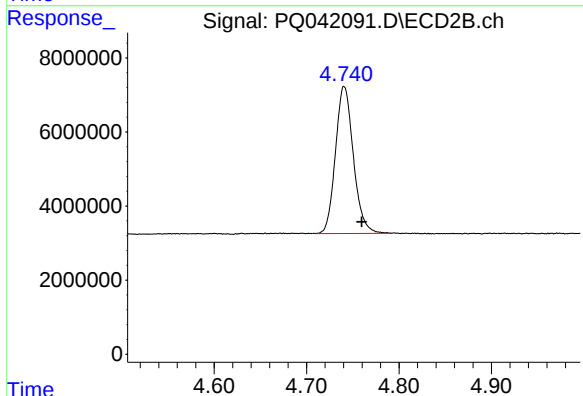




#1 Tetrachloro-m-xylene

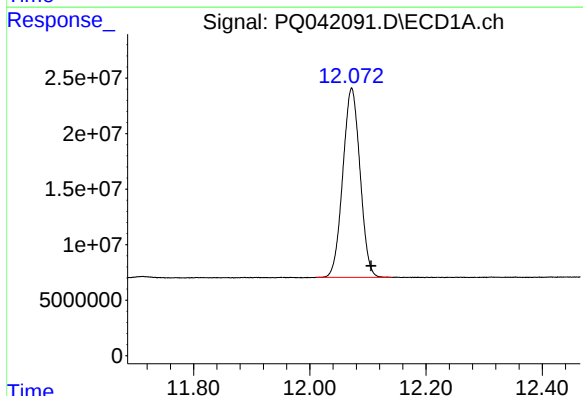
R.T.: 5.681 min  
Delta R.T.: -0.020 min  
Response: 58582654  
Conc: 25.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



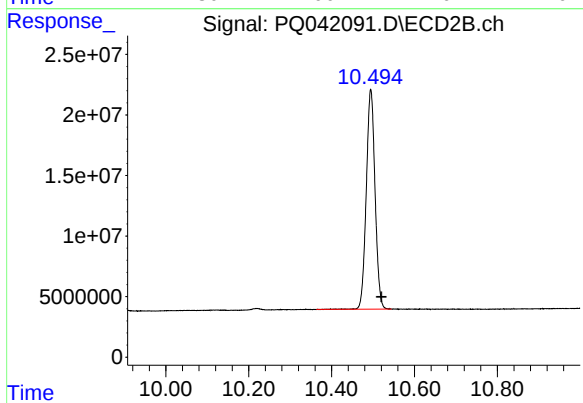
#1 Tetrachloro-m-xylene

R.T.: 4.740 min  
Delta R.T.: -0.019 min  
Response: 53478486  
Conc: 27.75 ng/ml



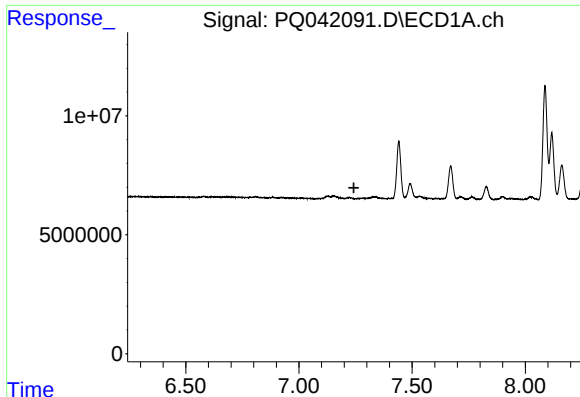
#2 Decachlorobiphenyl

R.T.: 12.072 min  
Delta R.T.: -0.033 min  
Response: 350516461  
Conc: 41.57 ng/ml



#2 Decachlorobiphenyl

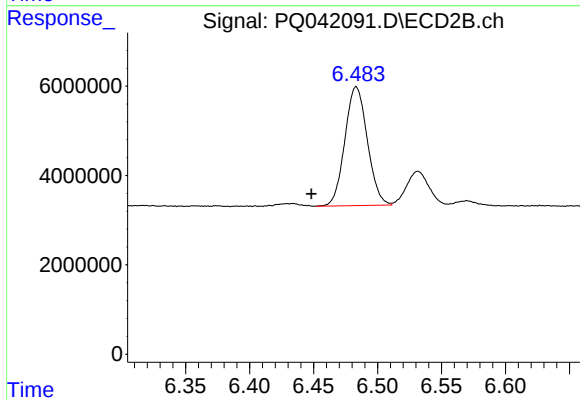
R.T.: 10.495 min  
Delta R.T.: -0.025 min  
Response: 266355757  
Conc: 55.06 ng/ml



#5 AR-1016-3

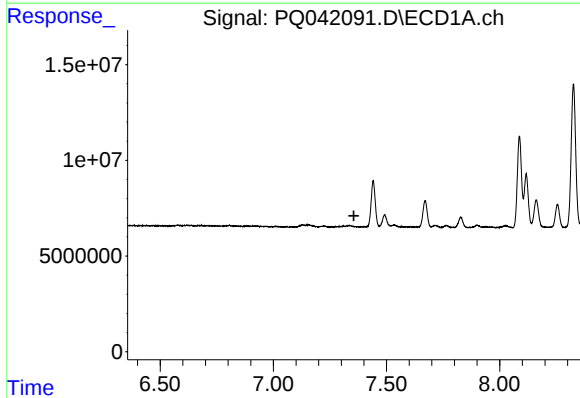
R.T.: 0.000 min  
Exp R.T.: 7.243 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



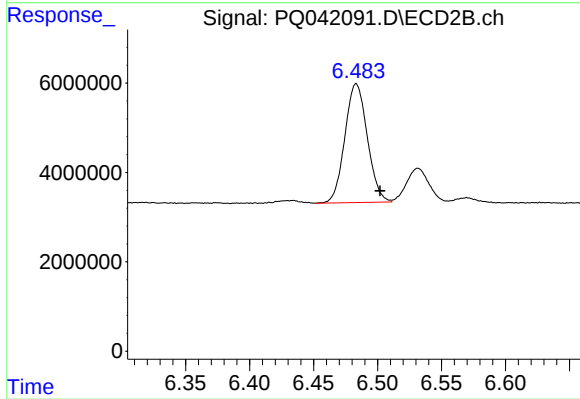
#5 AR-1016-3

R.T.: 6.483 min  
Delta R.T.: 0.035 min  
Response: 32515535  
Conc: 436.03 ng/ml



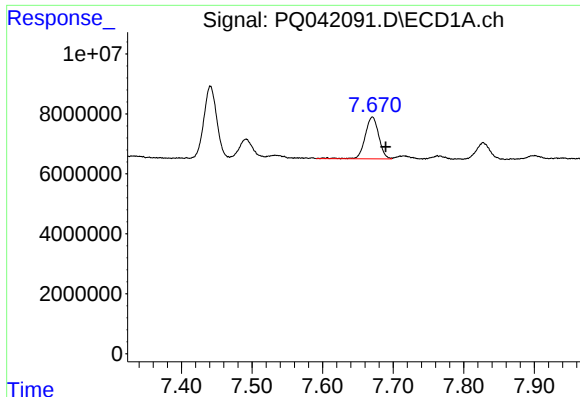
#6 AR-1016-4

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



#6 AR-1016-4

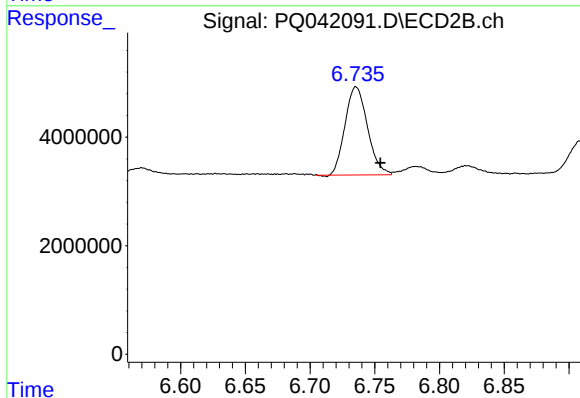
R.T.: 6.483 min  
Delta R.T.: -0.019 min  
Response: 32515535  
Conc: 524.36 ng/ml



#7 AR-1016-5

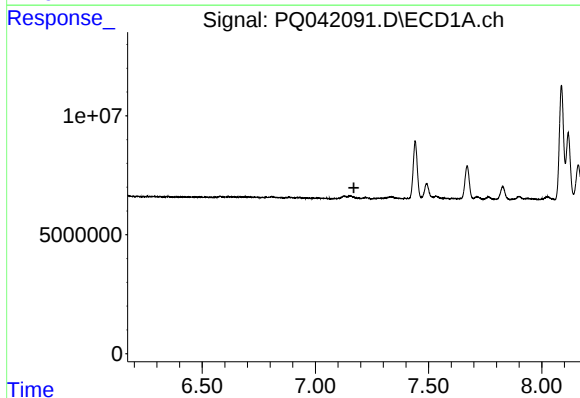
R.T.: 7.671 min  
Delta R.T.: -0.019 min  
Response: 18755736  
Conc: 238.59 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



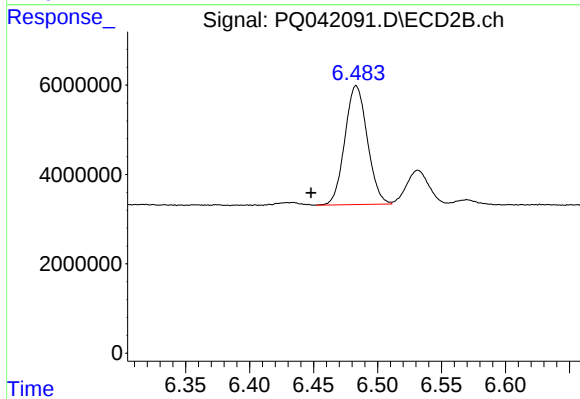
#7 AR-1016-5

R.T.: 6.735 min  
Delta R.T.: -0.019 min  
Response: 19592378  
Conc: 240.68 ng/ml



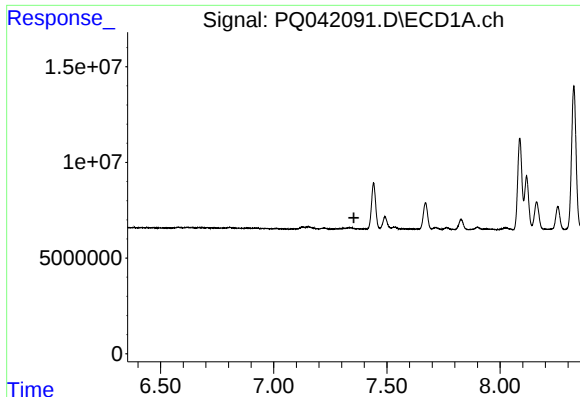
#13 AR-1232-3

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



#13 AR-1232-3

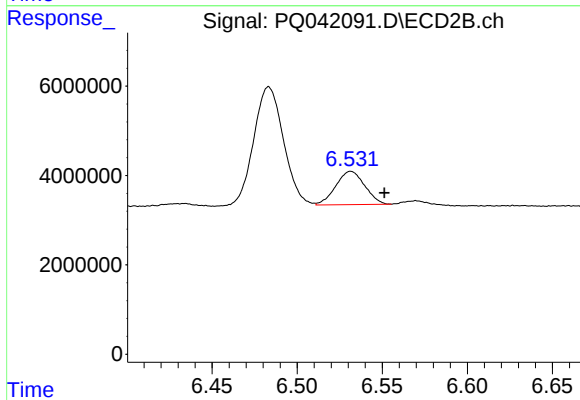
R.T.: 6.483 min  
Delta R.T.: 0.035 min  
Response: 32515535  
Conc: 1090.41 ng/ml



#14 AR-1232-4

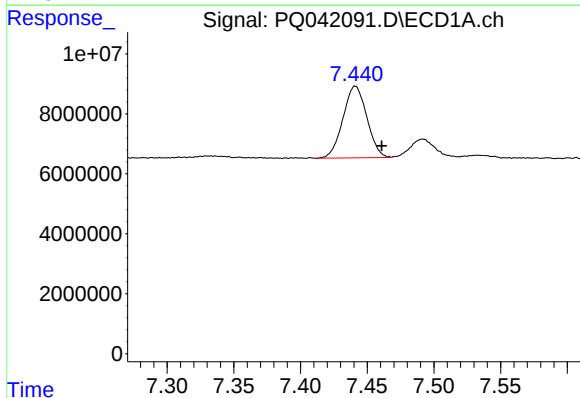
R.T.: 0.000 min  
Exp R.T.: 7.354 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



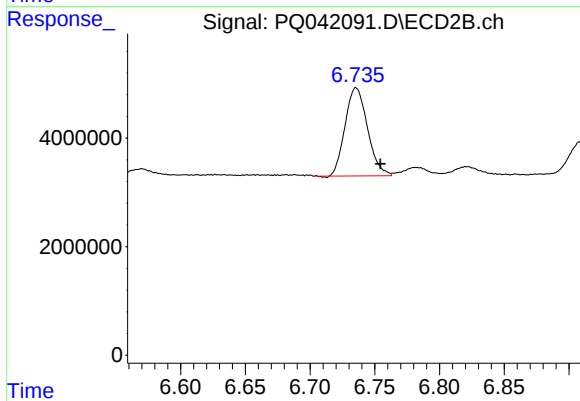
#14 AR-1232-4

R.T.: 6.532 min  
Delta R.T.: -0.020 min  
Response: 8839431  
Conc: 331.11 ng/ml



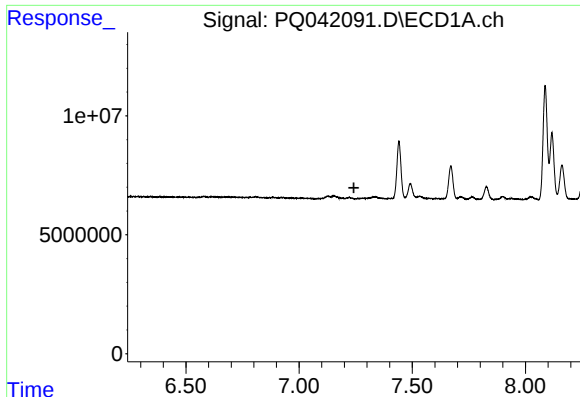
#15 AR-1232-5

R.T.: 7.441 min  
Delta R.T.: -0.020 min  
Response: 29821285  
Conc: 1387.66 ng/ml



#15 AR-1232-5

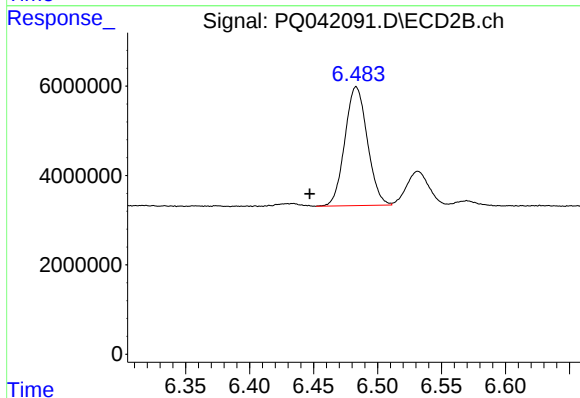
R.T.: 6.735 min  
Delta R.T.: -0.019 min  
Response: 19592378  
Conc: 668.09 ng/ml



#18 AR-1242-3

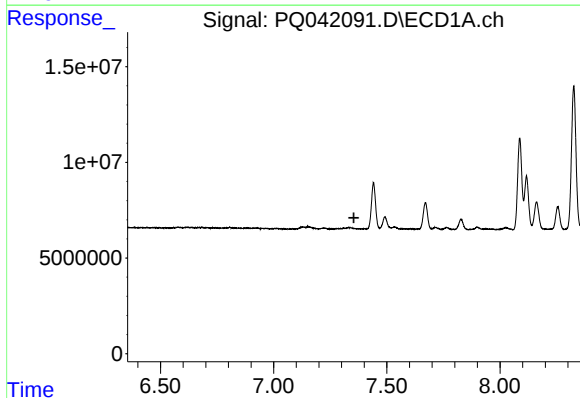
R.T.: 0.000 min  
Exp R.T.: 7.242 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



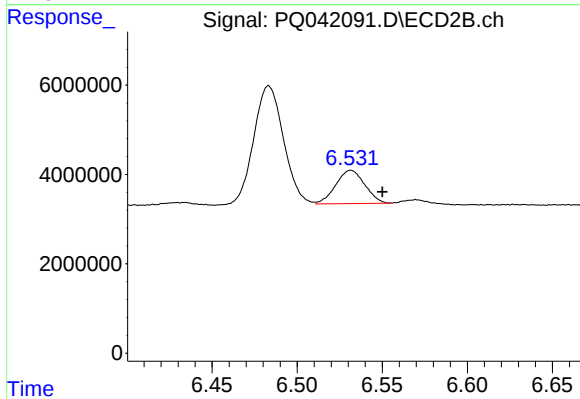
#18 AR-1242-3

R.T.: 6.483 min  
Delta R.T.: 0.036 min  
Response: 32515535  
Conc: 550.43 ng/ml



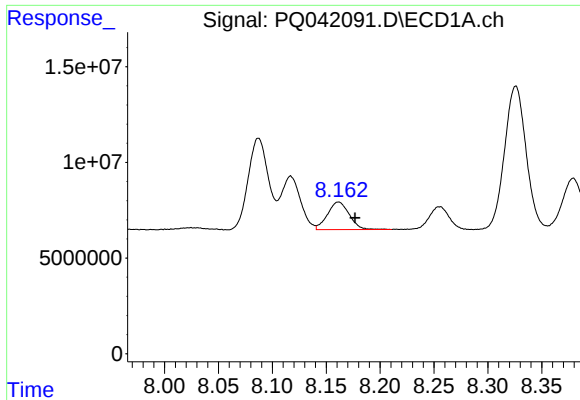
#19 AR-1242-4

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



#19 AR-1242-4

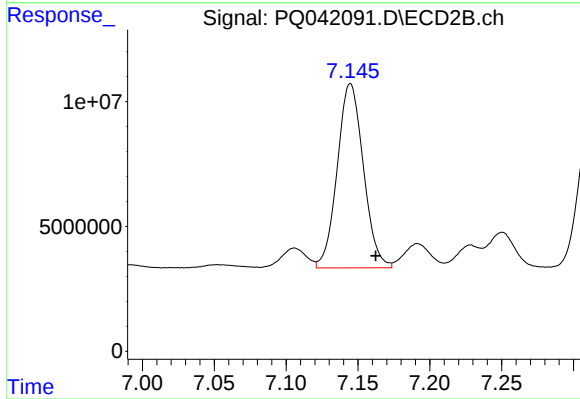
R.T.: 6.532 min  
Delta R.T.: -0.019 min  
Response: 8839431  
Conc: 149.07 ng/ml



#20 AR-1242-5

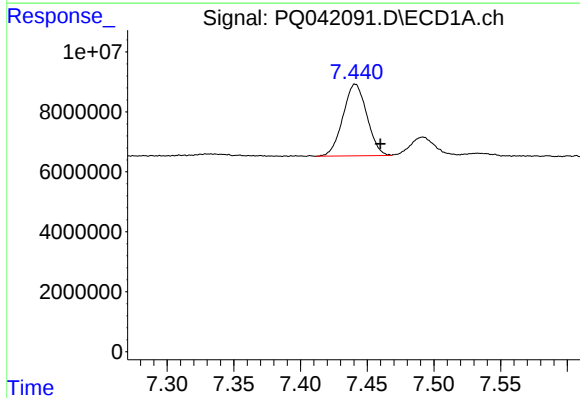
R.T.: 8.161 min  
Delta R.T.: -0.015 min  
Response: 20245790  
Conc: 228.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



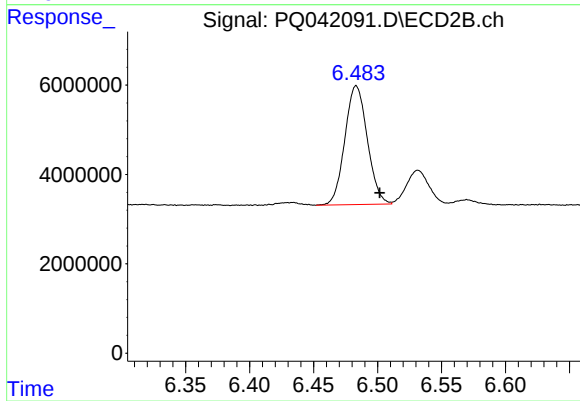
#20 AR-1242-5

R.T.: 7.145 min  
Delta R.T.: -0.017 min  
Response: 93319645  
Conc: 1050.97 ng/ml



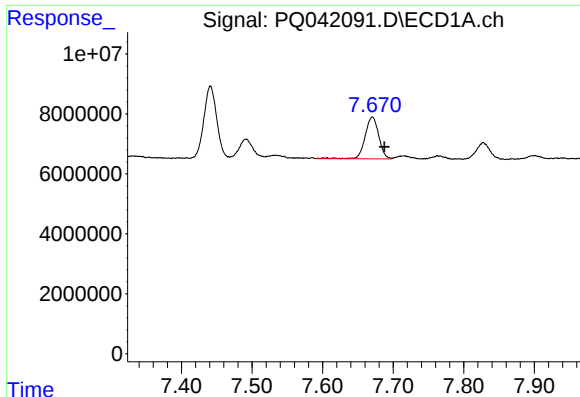
#22 AR-1248-2

R.T.: 7.441 min  
Delta R.T.: -0.019 min  
Response: 29821285  
Conc: 323.22 ng/ml



#22 AR-1248-2

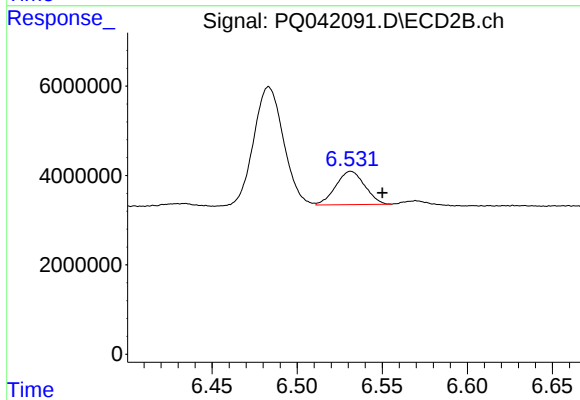
R.T.: 6.483 min  
Delta R.T.: -0.018 min  
Response: 32515535  
Conc: 372.94 ng/ml



#23 AR-1248-3

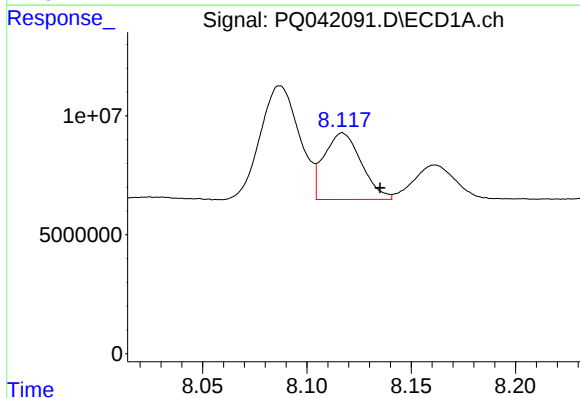
R.T.: 7.671 min  
Delta R.T.: -0.017 min  
Response: 18755736  
Conc: 167.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



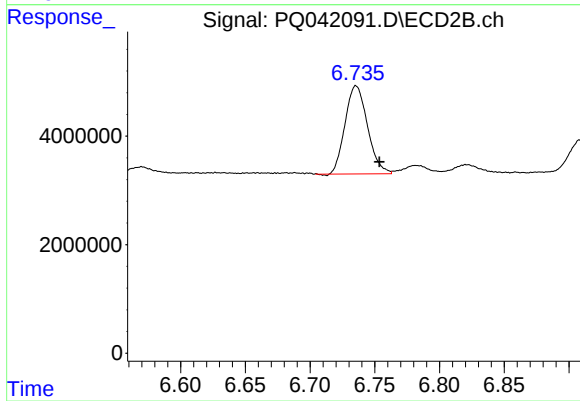
#23 AR-1248-3

R.T.: 6.532 min  
Delta R.T.: -0.019 min  
Response: 8839431  
Conc: 99.03 ng/ml



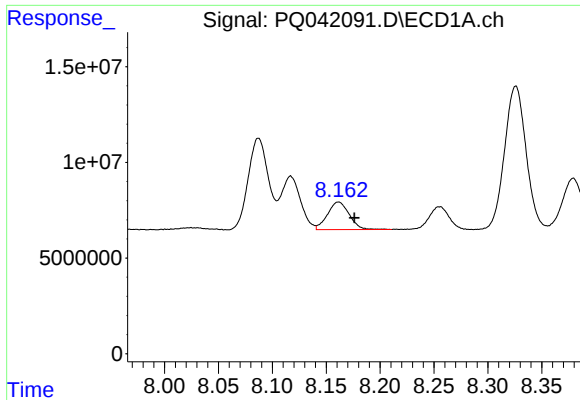
#24 AR-1248-4

R.T.: 8.117 min  
Delta R.T.: -0.018 min  
Response: 34811331  
Conc: 222.64 ng/ml



#24 AR-1248-4

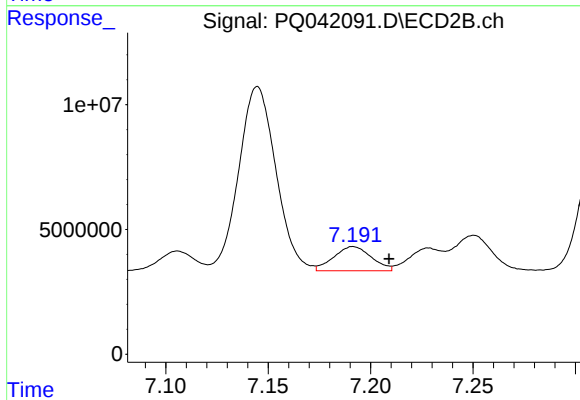
R.T.: 6.735 min  
Delta R.T.: -0.018 min  
Response: 19592378  
Conc: 177.88 ng/ml



#25 AR-1248-5

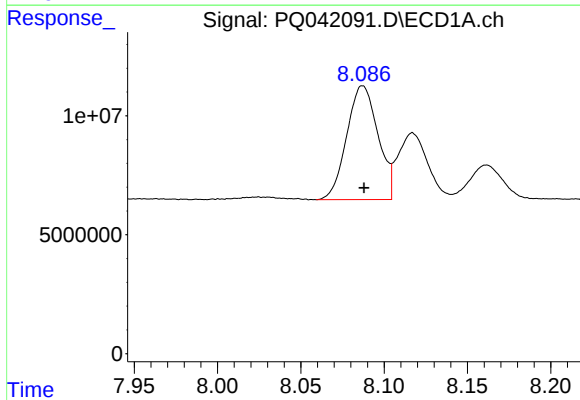
R.T.: 8.161 min  
Delta R.T.: -0.015 min  
Response: 20245790  
Conc: 133.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



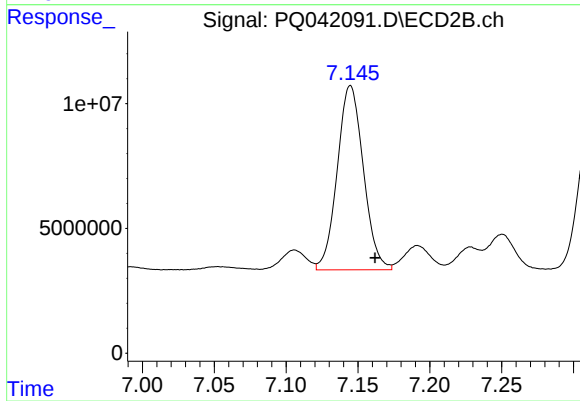
#25 AR-1248-5

R.T.: 7.191 min  
Delta R.T.: -0.018 min  
Response: 12418349  
Conc: 96.89 ng/ml



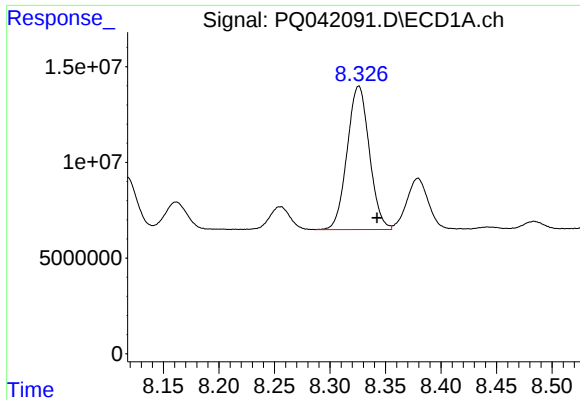
#26 AR-1254-1

R.T.: 8.087 min  
Delta R.T.: 0.000 min  
Response: 62322837  
Conc: 448.00 ng/ml



#26 AR-1254-1

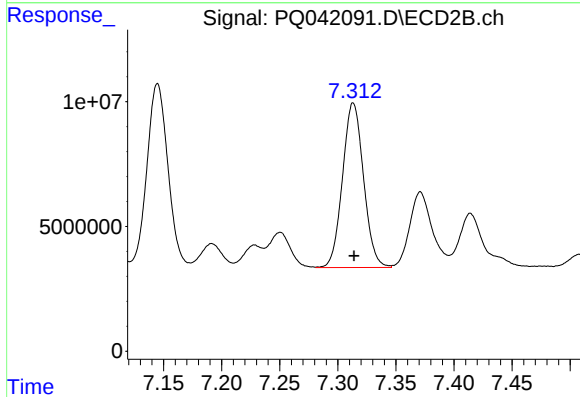
R.T.: 7.145 min  
Delta R.T.: -0.017 min  
Response: 93319645  
Conc: 510.26 ng/ml



#27 AR-1254-2

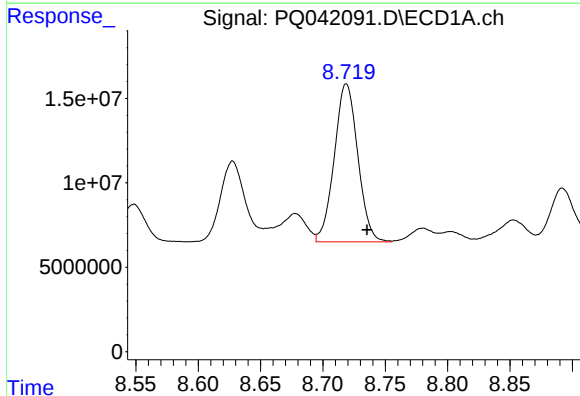
R.T.: 8.326 min  
Delta R.T.: -0.016 min  
Response: 104393810  
Conc: 456.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



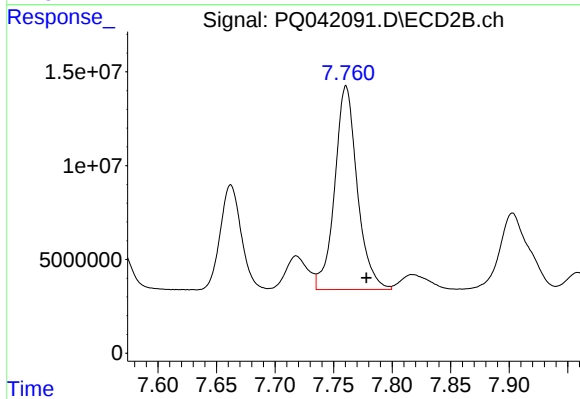
#27 AR-1254-2

R.T.: 7.313 min  
Delta R.T.: 0.000 min  
Response: 83155076  
Conc: 513.71 ng/ml



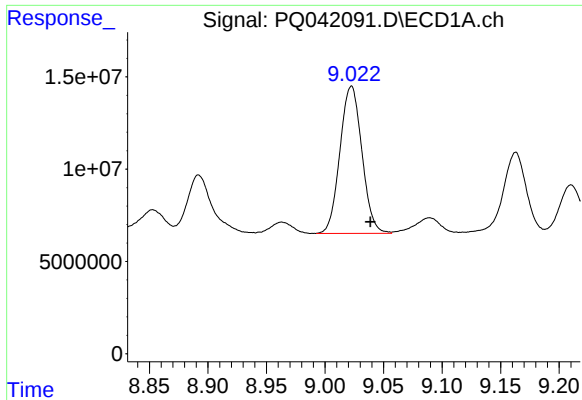
#28 AR-1254-3

R.T.: 8.719 min  
Delta R.T.: -0.017 min  
Response: 122955477  
Conc: 449.68 ng/ml



#28 AR-1254-3

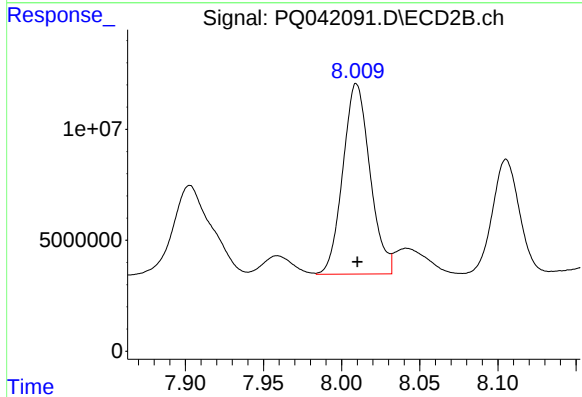
R.T.: 7.761 min  
Delta R.T.: -0.017 min  
Response: 145629761  
Conc: 504.95 ng/ml



#29 AR-1254-4

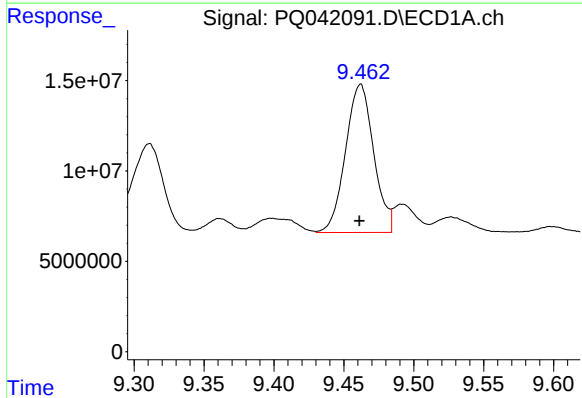
R.T.: 9.023 min  
Delta R.T.: -0.016 min  
Response: 104263152  
Conc: 423.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



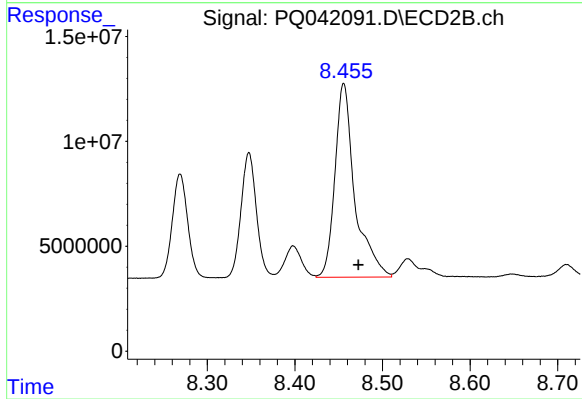
#29 AR-1254-4

R.T.: 8.009 min  
Delta R.T.: 0.000 min  
Response: 103896043  
Conc: 478.62 ng/ml



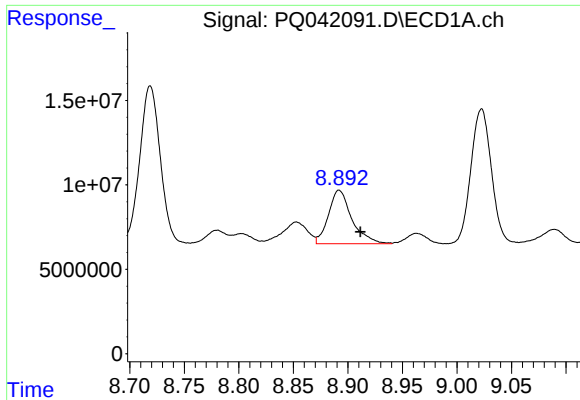
#30 AR-1254-5

R.T.: 9.462 min  
Delta R.T.: 0.000 min  
Response: 115029064  
Conc: 424.70 ng/ml



#30 AR-1254-5

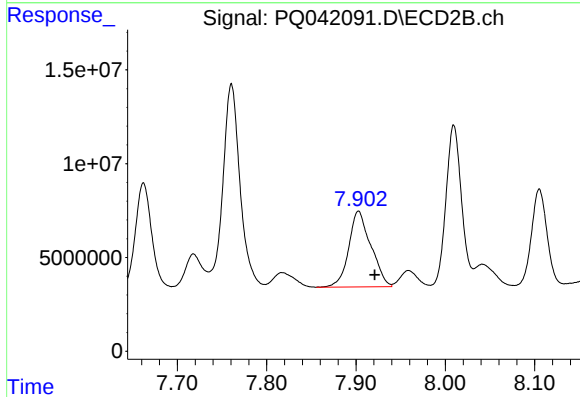
R.T.: 8.456 min  
Delta R.T.: -0.017 min  
Response: 146056420  
Conc: 485.61 ng/ml



#31 AR-1260-1

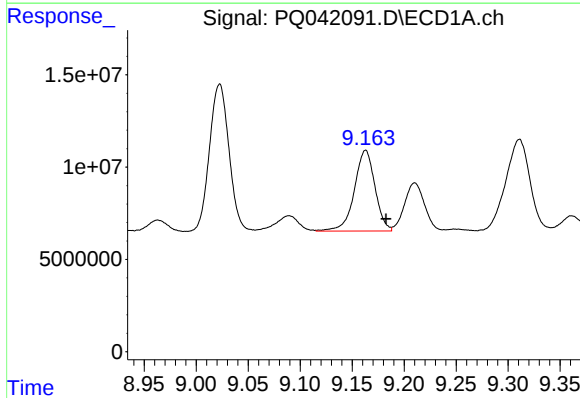
R.T.: 8.892 min  
Delta R.T.: -0.020 min  
Response: 47355139  
Conc: 266.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



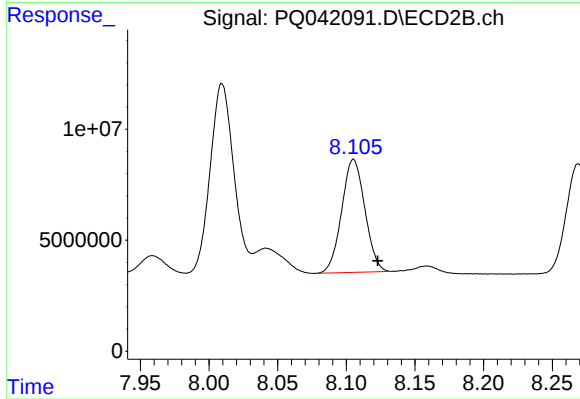
#31 AR-1260-1

R.T.: 7.903 min  
Delta R.T.: -0.018 min  
Response: 69615078  
Conc: 383.70 ng/ml



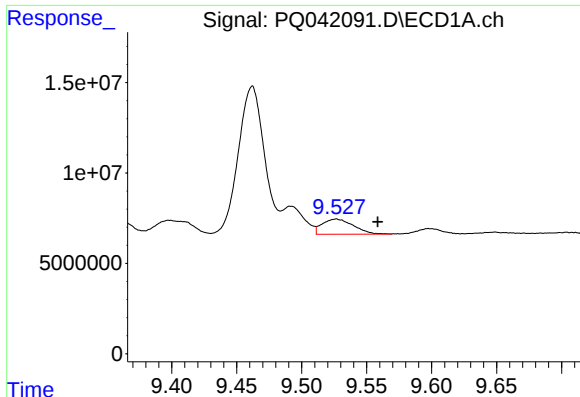
#32 AR-1260-2

R.T.: 9.163 min  
Delta R.T.: -0.020 min  
Response: 60465962  
Conc: 239.68 ng/ml



#32 AR-1260-2

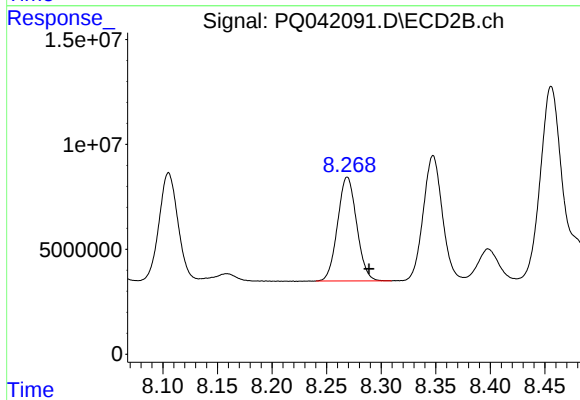
R.T.: 8.105 min  
Delta R.T.: -0.018 min  
Response: 60083855  
Conc: 244.90 ng/ml



#33 AR-1260-3

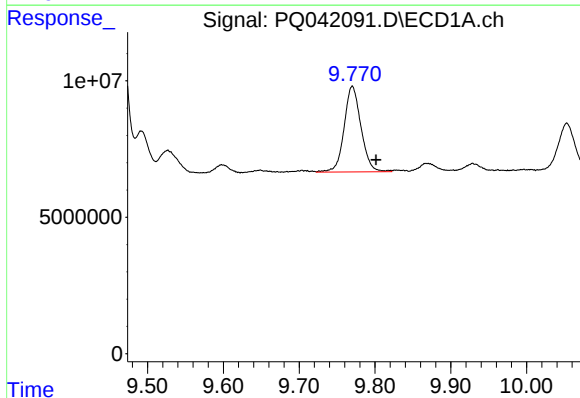
R.T.: 9.527 min  
Delta R.T.: -0.032 min  
Response: 14114439  
Conc: 61.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



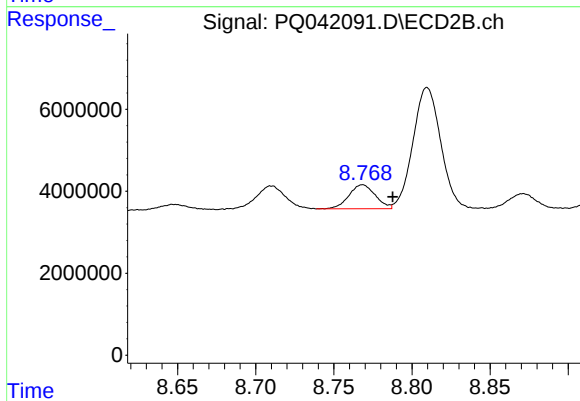
#33 AR-1260-3

R.T.: 8.269 min  
Delta R.T.: -0.020 min  
Response: 60288382  
Conc: 283.34 ng/ml



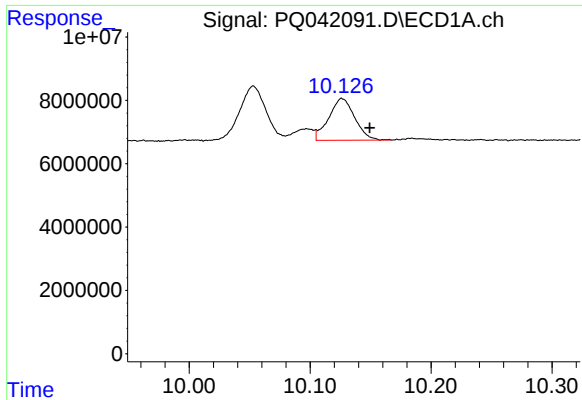
#34 AR-1260-4

R.T.: 9.770 min  
Delta R.T.: -0.032 min  
Response: 48502609  
Conc: 189.95 ng/ml



#34 AR-1260-4

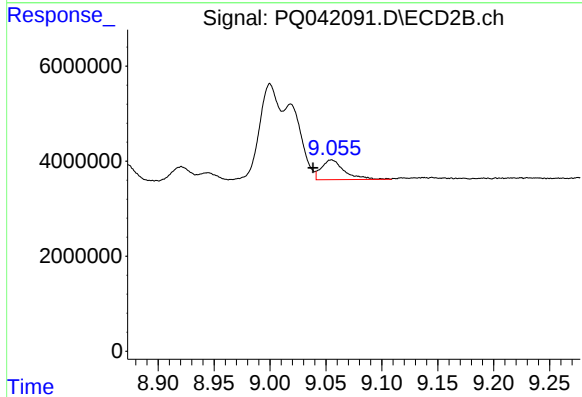
R.T.: 8.768 min  
Delta R.T.: -0.019 min  
Response: 6889470  
Conc: 34.06 ng/ml



#35 AR-1260-5

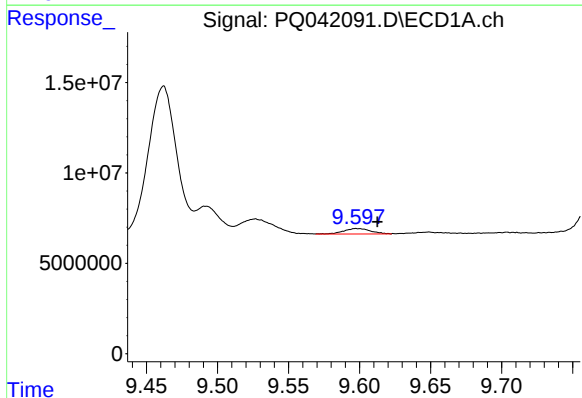
R.T.: 10.126 min  
Delta R.T.: -0.023 min  
Response: 19713402  
Conc: 29.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



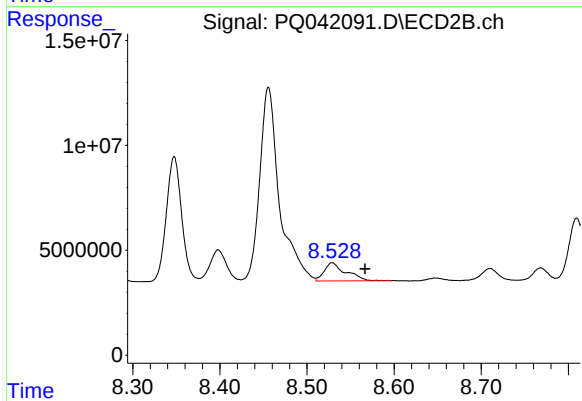
#35 AR-1260-5

R.T.: 9.055 min  
Delta R.T.: 0.016 min  
Response: 5943932  
Conc: 10.07 ng/ml



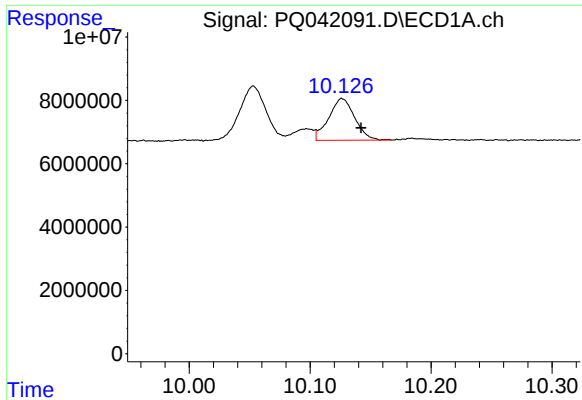
#36 AR-1262-1

R.T.: 9.598 min  
Delta R.T.: -0.015 min  
Response: 3920479  
Conc: 25.51 ng/ml



#36 AR-1262-1

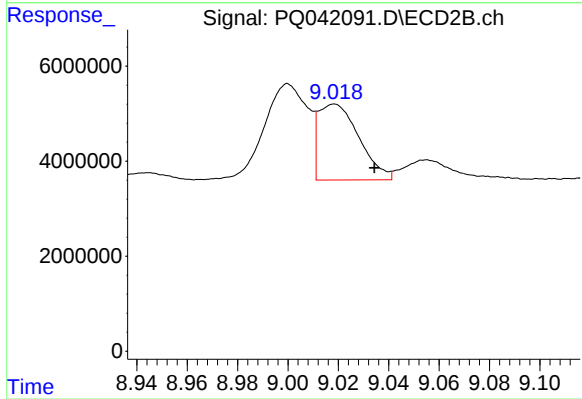
R.T.: 8.529 min  
Delta R.T.: -0.038 min  
Response: 14965313  
Conc: 104.31 ng/ml



#37 AR-1262-2

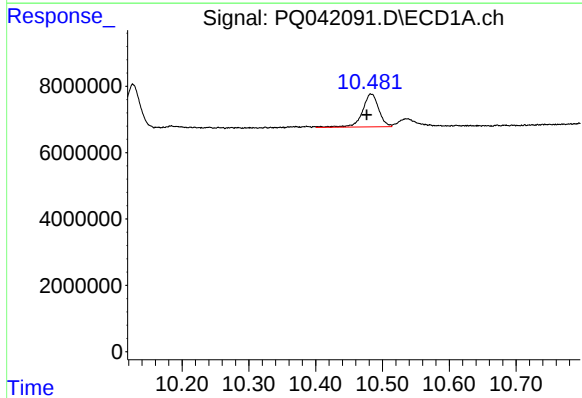
R.T.: 10.126 min  
Delta R.T.: -0.016 min  
Response: 19713402  
Conc: 22.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



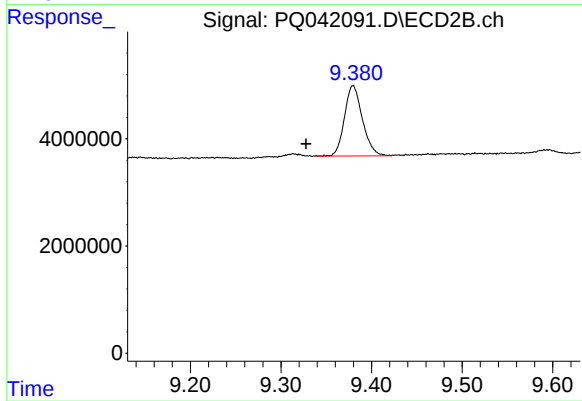
#37 AR-1262-2

R.T.: 9.018 min  
Delta R.T.: -0.016 min  
Response: 17935760  
Conc: 24.20 ng/ml



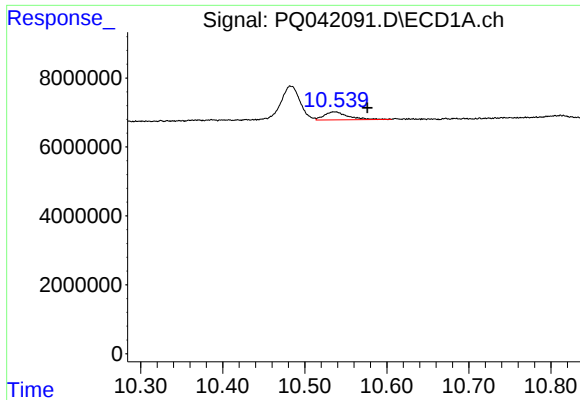
#38 AR-1262-3

R.T.: 10.483 min  
Delta R.T.: 0.006 min  
Response: 16863245  
Conc: 26.56 ng/ml



#38 AR-1262-3

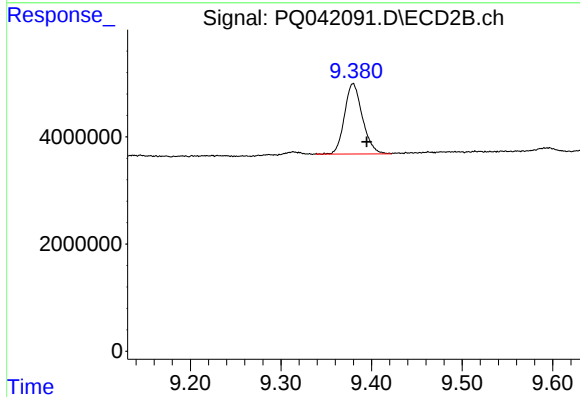
R.T.: 9.380 min  
Delta R.T.: 0.052 min  
Response: 18037479  
Conc: 57.01 ng/ml



#39 AR-1262-4

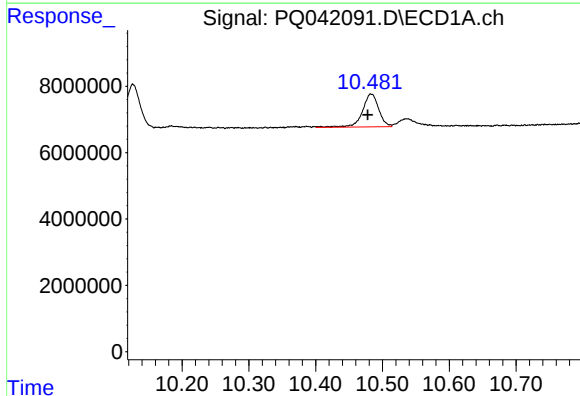
R.T.: 10.537 min  
Delta R.T.: -0.040 min  
Response: 4692034  
Conc: 9.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



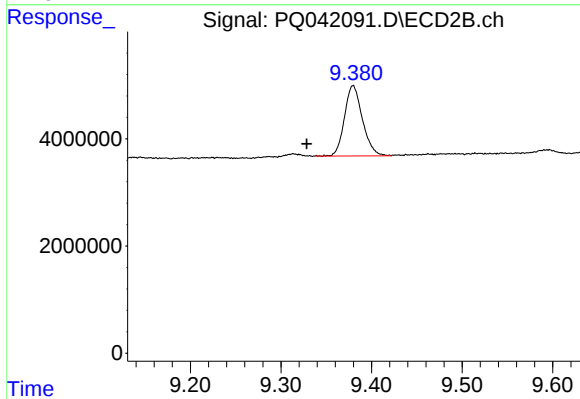
#39 AR-1262-4

R.T.: 9.380 min  
Delta R.T.: -0.015 min  
Response: 18037479  
Conc: 32.07 ng/ml



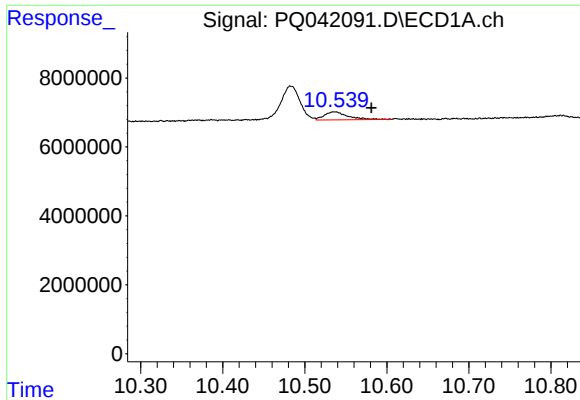
#41 AR-1268-1

R.T.: 10.483 min  
Delta R.T.: 0.005 min  
Response: 16863245  
Conc: 11.84 ng/ml



#41 AR-1268-1

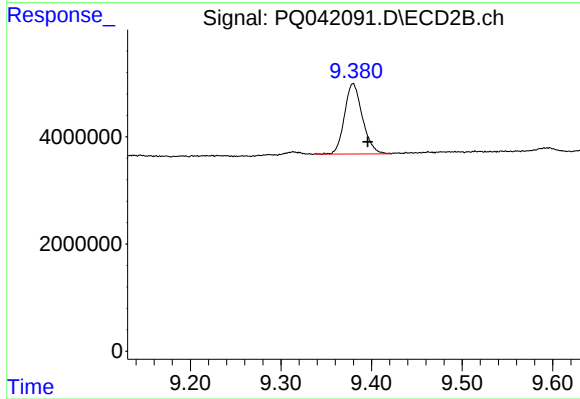
R.T.: 9.380 min  
Delta R.T.: 0.051 min  
Response: 18037479  
Conc: 15.78 ng/ml



#42 AR-1268-2

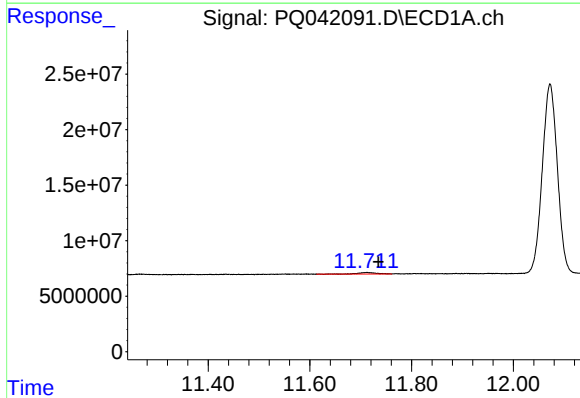
R.T.: 10.537 min  
Delta R.T.: -0.044 min  
Response: 4692034  
Conc: 3.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



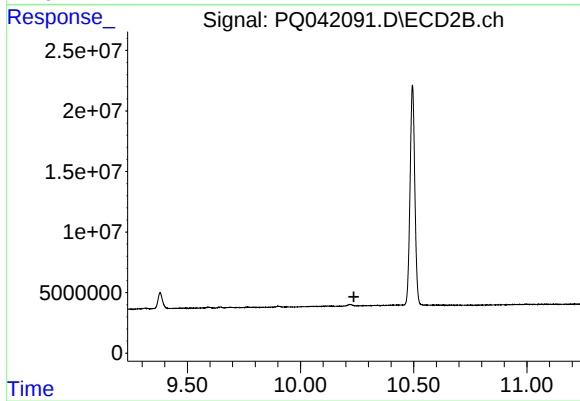
#42 AR-1268-2

R.T.: 9.380 min  
Delta R.T.: -0.016 min  
Response: 18037479  
Conc: 17.57 ng/ml



#45 AR-1268-5

R.T.: 11.712 min  
Delta R.T.: -0.023 min  
Response: 3355505  
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.236 min  
Response: 0  
Conc: N.D.