

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ122619\  
 Data File : PQ045942.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Dec 2019 20:12  
 Operator : SM\AJ  
 Sample : K6431-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 27 03:56:28 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ122619.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 27 03:51:29 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... | 5.223  | 4.359 | 55299579 | 35337843 | 27.775  | 28.889    |
| 2)                          | SA Decachlor... | 11.380 | 9.791 | 87217458 | 61881022 | 21.173  | 24.634    |
|                             |                 |        |       |          |          |         |           |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 6.498  | 0.000 | 1012890  | 0        | 14.049  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.498  | 0.000 | 1012890  | 0        | 9.092   | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.605  | 0.000 | 2428602  | 0        | 163.150 | N.D. #    |
| 10)                         | L2 AR-1221-3    | 5.697  | 4.882 | 1725416  | 2890514  | 41.605  | 107.831 # |
| 11)                         | L3 AR-1232-1    | 5.697  | 4.882 | 1725416  | 2890514  | 19.232  | 51.727 #  |
| 13)                         | L3 AR-1232-3    | 6.498  | 0.000 | 1012890  | 0        | 10.988  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 6.498  | 0.000 | 1012890  | 0        | 17.872  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.498  | 0.000 | 1012890  | 0        | 11.428  | N.D. #    |
| 21)                         | L5 AR-1248-1    | 6.498  | 0.000 | 1012890  | 0        | 20.688  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 7.445  | 0.000 | 1825436  | 0        | 18.382  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.445  | 0.000 | 1825436  | 0        | 18.248  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 8.077  | 7.107 | 9044076  | 7429641  | 46.434  | 50.221    |
| 29)                         | L6 AR-1254-4    | 8.356  | 7.345 | 4486334  | 3709263  | 31.207  | 40.425 #  |
| 30)                         | L6 AR-1254-5    | 8.785  | 7.778 | 6942304  | 1001095  | 40.542  | 7.299 #   |
| 31)                         | L7 AR-1260-1    | 8.217  | 7.244 | 17374335 | 3832924  | 139.201 | 44.351 #  |
| 32)                         | L7 AR-1260-2    | 8.482  | 7.438 | 48351395 | 3823347  | 312.581 | 35.594 #  |
| 33)                         | L7 AR-1260-3    | 8.866  | 7.599 | 944905   | 2882510  | 7.310   | 28.936 #  |
| 34)                         | L7 AR-1260-4    | 9.092  | 8.135 | 678384   | 983673   | 4.165   | 10.572 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 8.330 | 0        | 1518726  | N.D.    | 6.341 #   |
| 36)                         | L8 AR-1262-1    | 8.866  | 7.778 | 944905   | 1001095  | 4.288   | 12.775 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 8.330 | 0        | 1518726  | N.D.    | 4.689 #   |
| 38)                         | L8 AR-1262-3    | 9.706  | 0.000 | 395162   | 0        | 1.333   | N.D. #    |
| 40)                         | L8 AR-1262-5    | 0.000  | 9.170 | 0        | 839233   | N.D.    | 7.080 #   |
| 41)                         | L9 AR-1268-1    | 9.706  | 0.000 | 395162   | 0        | 0.790   | N.D. #    |
| 43)                         | L9 AR-1268-3    | 10.118 | 8.900 | 3159878  | 1356510  | 7.620   | 4.779 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 9.170 | 0        | 839233   | N.D.    | 6.563 #   |
| 45)                         | L9 AR-1268-5    | 11.018 | 9.515 | 2763997  | 2699145  | 1.718   | 2.516 #   |
| -----                       |                 |        |       |          |          |         |           |

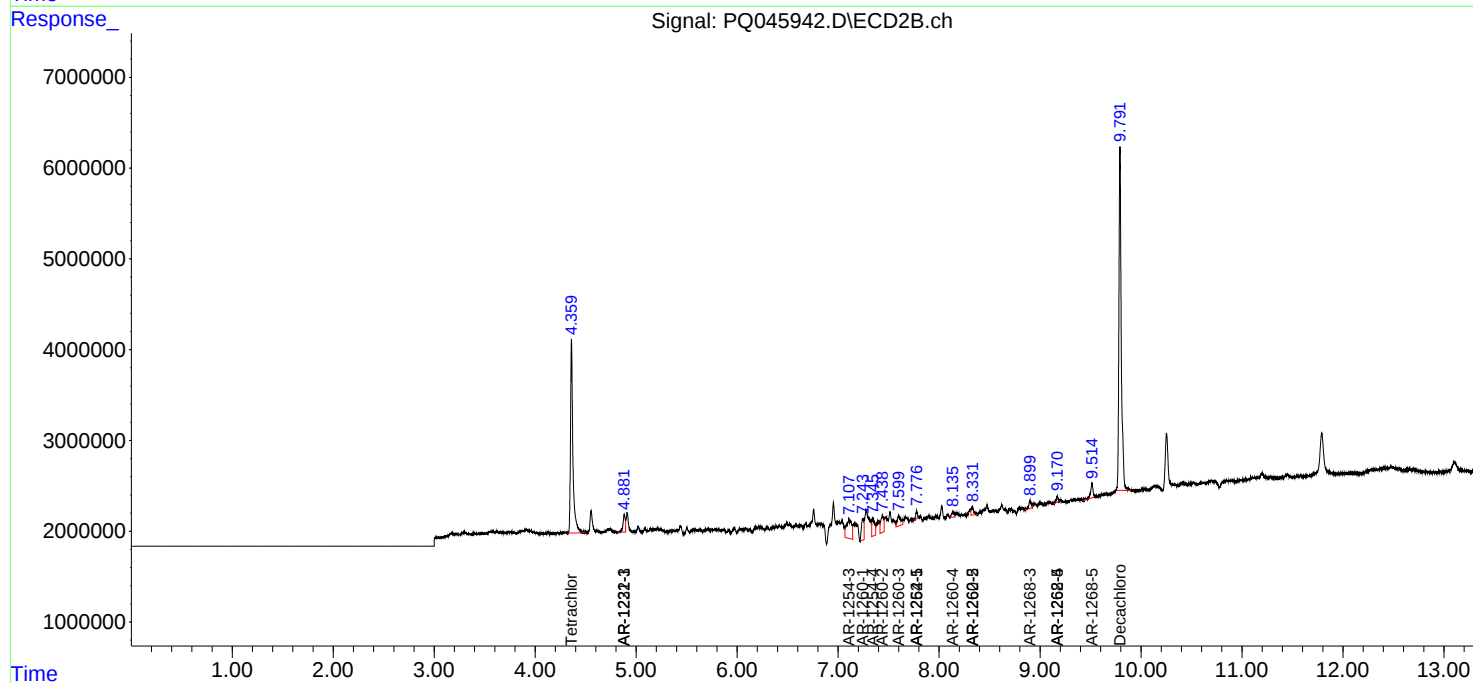
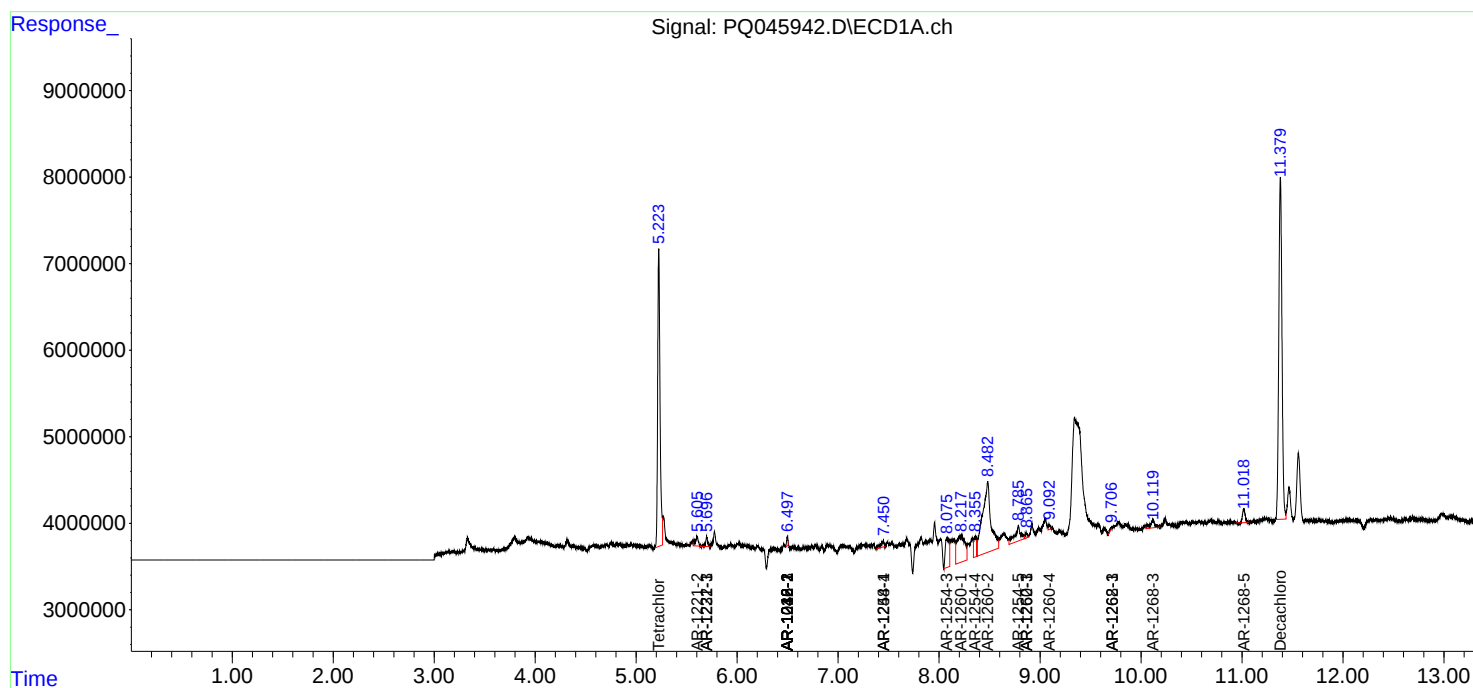
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

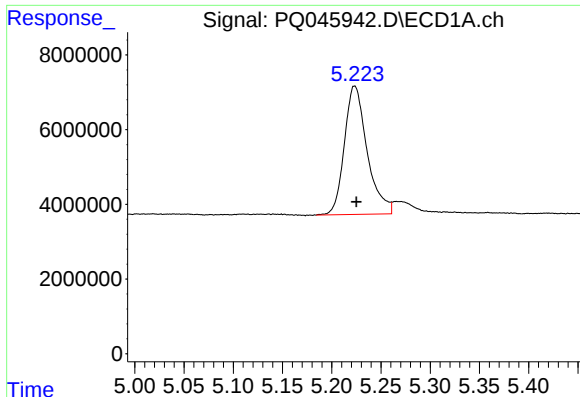
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ122619\  
Data File : PQ045942.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2019 20:12  
Operator : SM\AJ  
Sample : K6431-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 27 03:56:28 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ122619.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 27 03:51:29 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

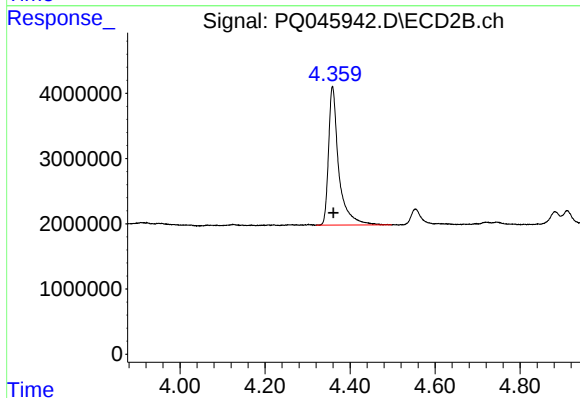




#1 Tetrachloro-m-xylene

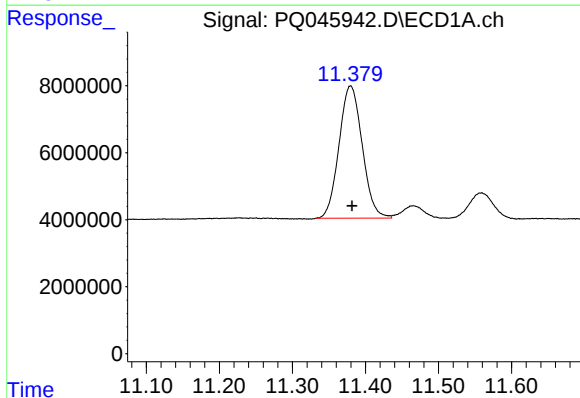
R.T.: 5.223 min  
Delta R.T.: -0.002 min  
Response: 55299579  
Conc: 27.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



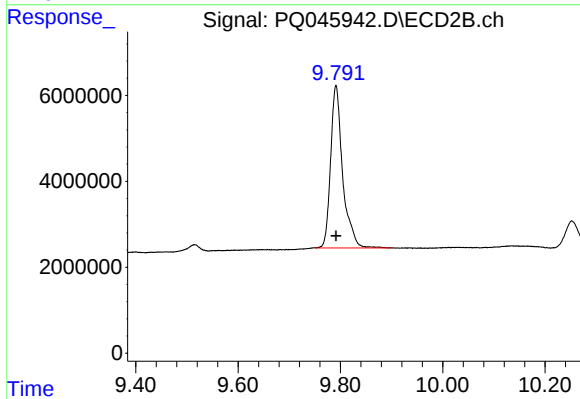
#1 Tetrachloro-m-xylene

R.T.: 4.359 min  
Delta R.T.: -0.002 min  
Response: 35337843  
Conc: 28.89 ng/ml



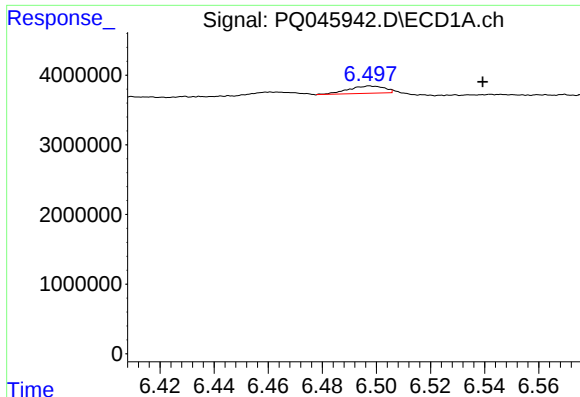
#2 Decachlorobiphenyl

R.T.: 11.380 min  
Delta R.T.: -0.002 min  
Response: 87217458  
Conc: 21.17 ng/ml



#2 Decachlorobiphenyl

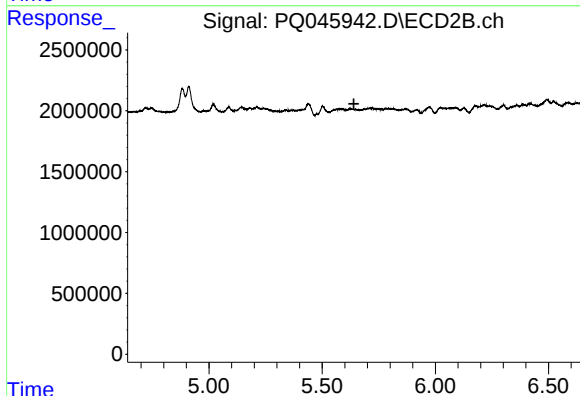
R.T.: 9.791 min  
Delta R.T.: 0.000 min  
Response: 61881022  
Conc: 24.63 ng/ml



#3 AR-1016-1

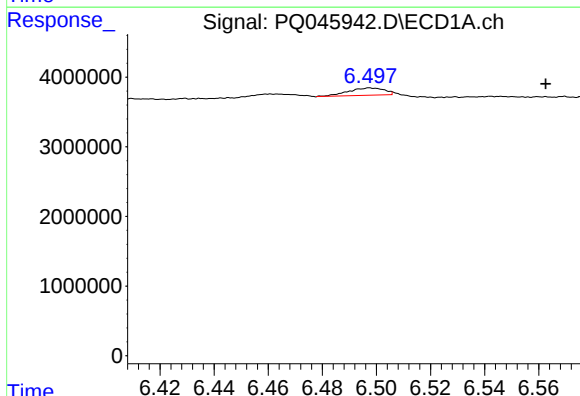
R.T.: 6.498 min  
Delta R.T.: -0.041 min  
Response: 1012890  
Conc: 14.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



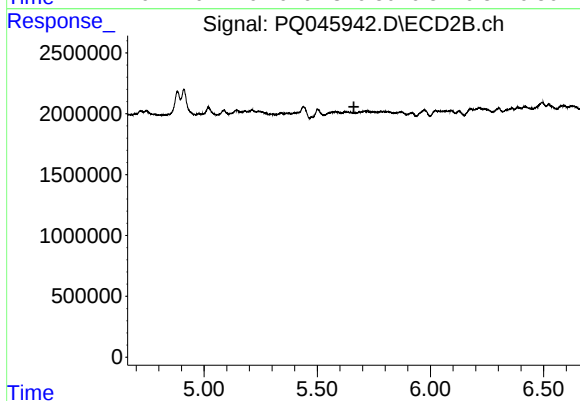
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.640 min  
Response: 0  
Conc: N.D.



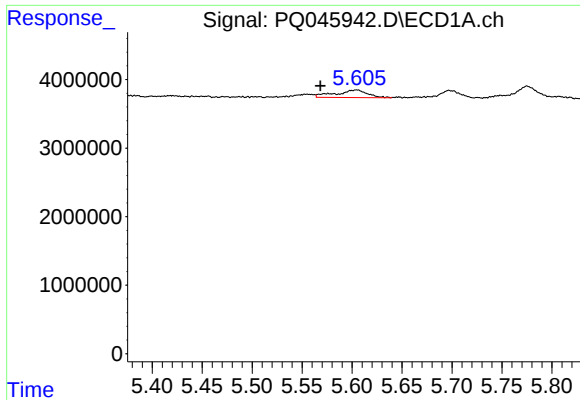
#4 AR-1016-2

R.T.: 6.498 min  
Delta R.T.: -0.065 min  
Response: 1012890  
Conc: 9.09 ng/ml



#4 AR-1016-2

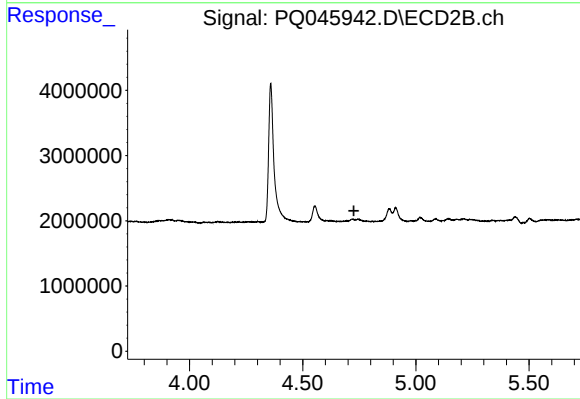
R.T.: 0.000 min  
Exp R.T. : 5.662 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

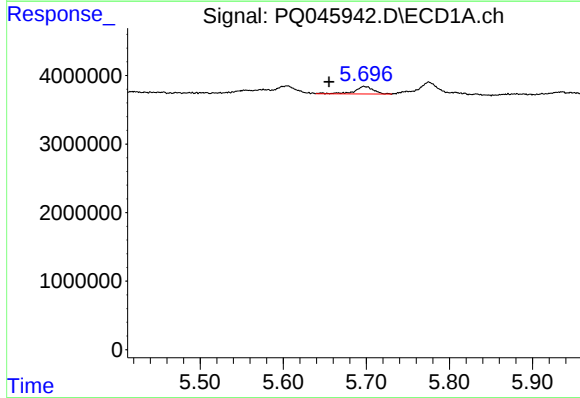
R.T.: 5.605 min  
Delta R.T.: 0.037 min  
Response: 2428602  
Conc: 163.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



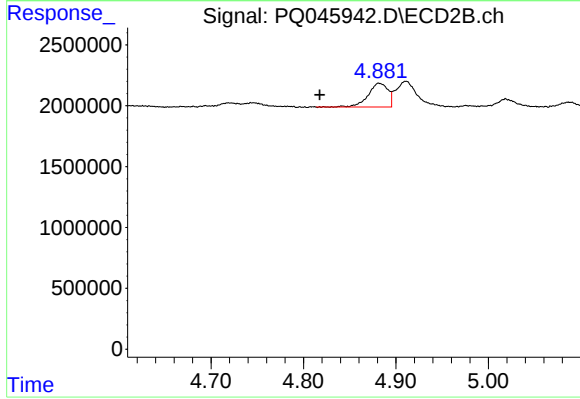
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.726 min  
Response: 0  
Conc: N.D.



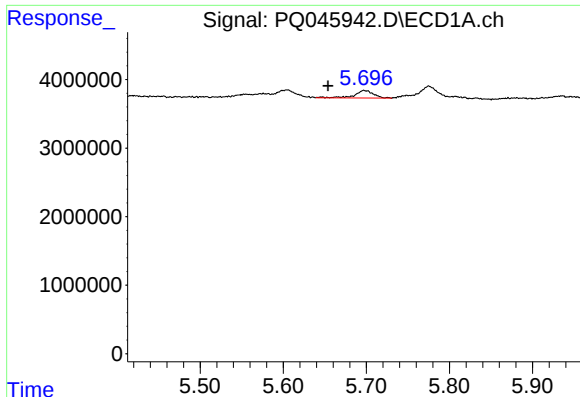
#10 AR-1221-3

R.T.: 5.697 min  
Delta R.T.: 0.042 min  
Response: 1725416  
Conc: 41.60 ng/ml



#10 AR-1221-3

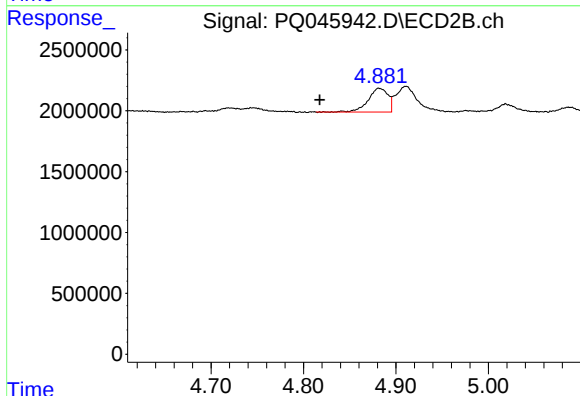
R.T.: 4.882 min  
Delta R.T.: 0.064 min  
Response: 2890514  
Conc: 107.83 ng/ml



#11 AR-1232-1

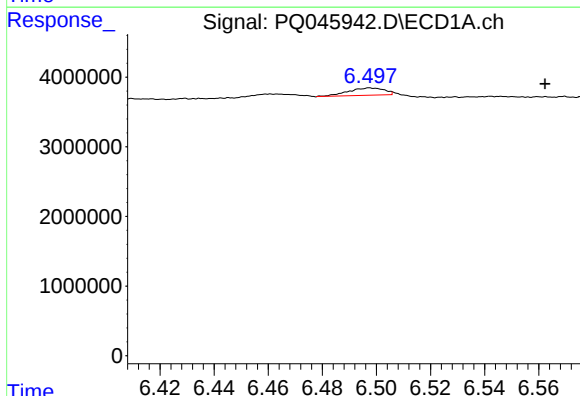
R.T.: 5.697 min  
Delta R.T.: 0.043 min  
Response: 1725416  
Conc: 19.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



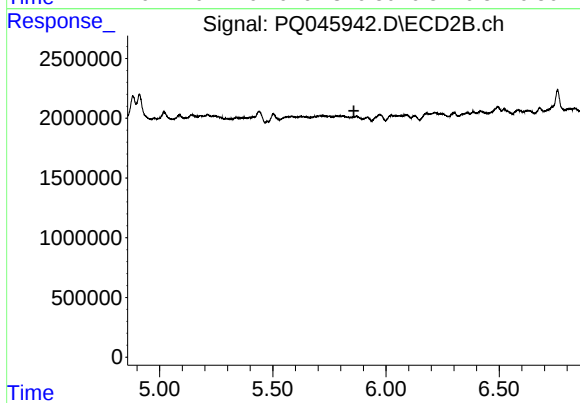
#11 AR-1232-1

R.T.: 4.882 min  
Delta R.T.: 0.064 min  
Response: 2890514  
Conc: 51.73 ng/ml



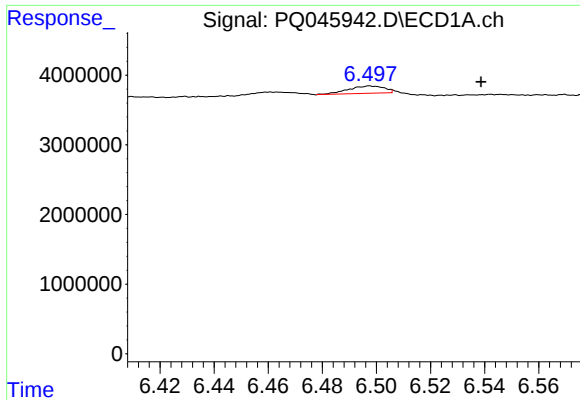
#13 AR-1232-3

R.T.: 6.498 min  
Delta R.T.: -0.064 min  
Response: 1012890  
Conc: 10.99 ng/ml



#13 AR-1232-3

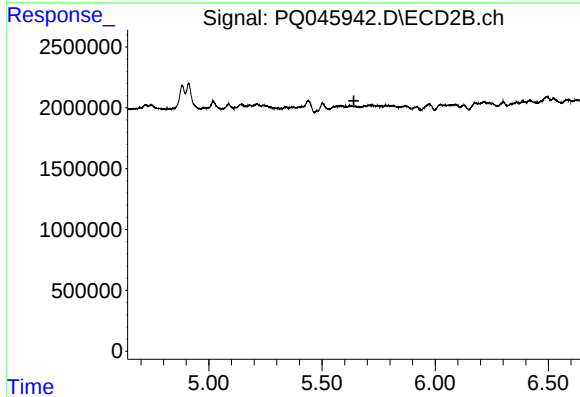
R.T.: 0.000 min  
Exp R.T.: 5.858 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

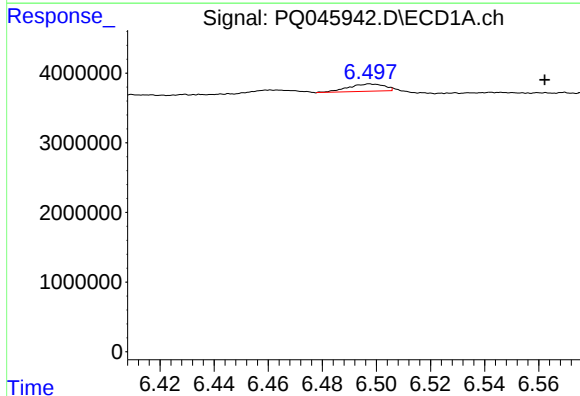
R.T.: 6.498 min  
Delta R.T.: -0.041 min  
Response: 1012890  
Conc: 17.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



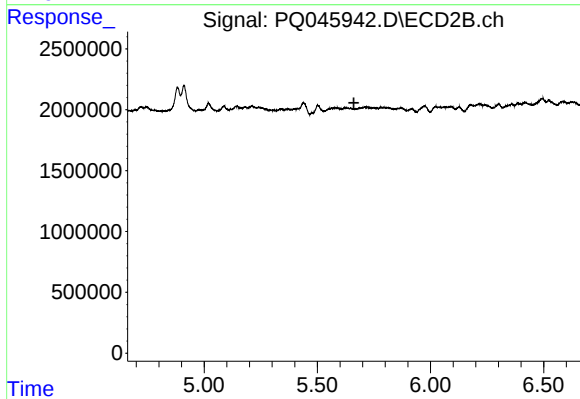
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.641 min  
Response: 0  
Conc: N.D.



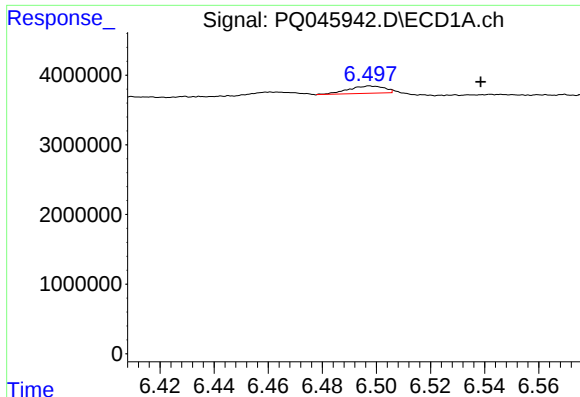
#17 AR-1242-2

R.T.: 6.498 min  
Delta R.T.: -0.064 min  
Response: 1012890  
Conc: 11.43 ng/ml



#17 AR-1242-2

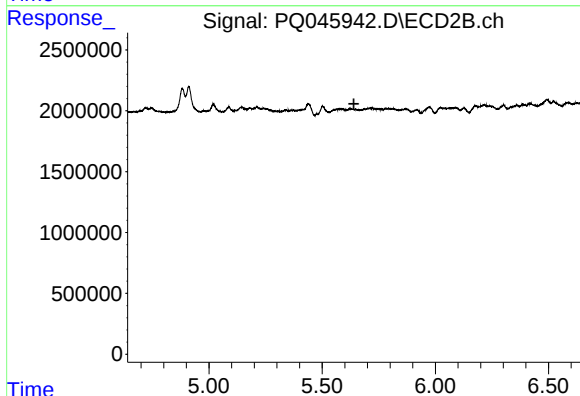
R.T.: 0.000 min  
Exp R.T. : 5.661 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

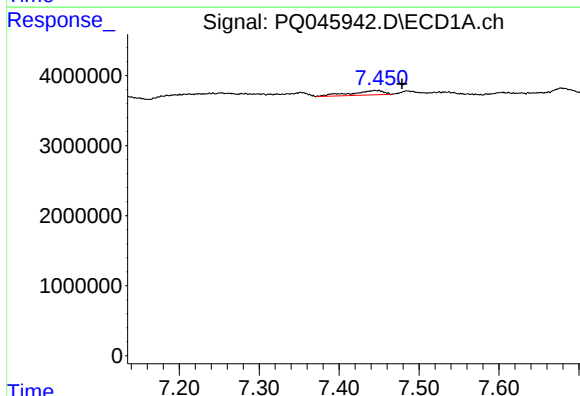
R.T.: 6.498 min  
Delta R.T.: -0.041 min  
Response: 1012890  
Conc: 20.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



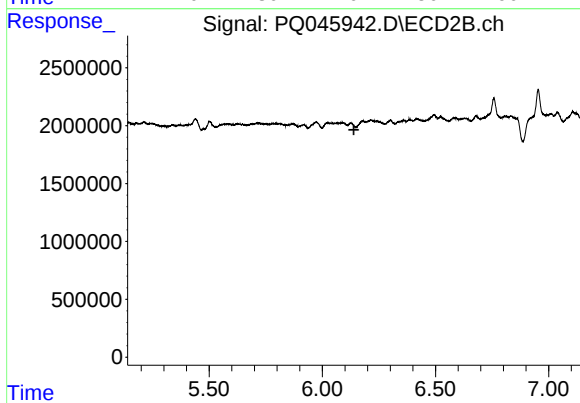
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.640 min  
Response: 0  
Conc: N.D.



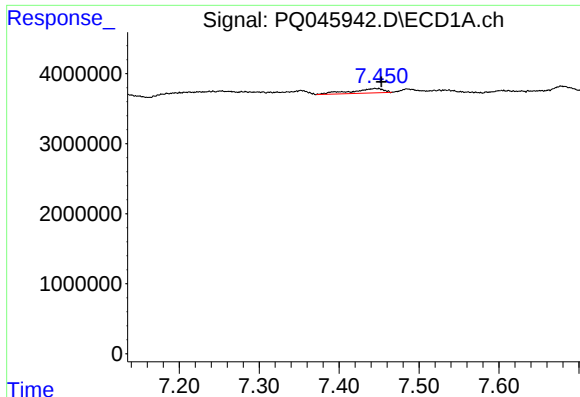
#24 AR-1248-4

R.T.: 7.445 min  
Delta R.T.: -0.034 min  
Response: 1825436  
Conc: 18.38 ng/ml



#24 AR-1248-4

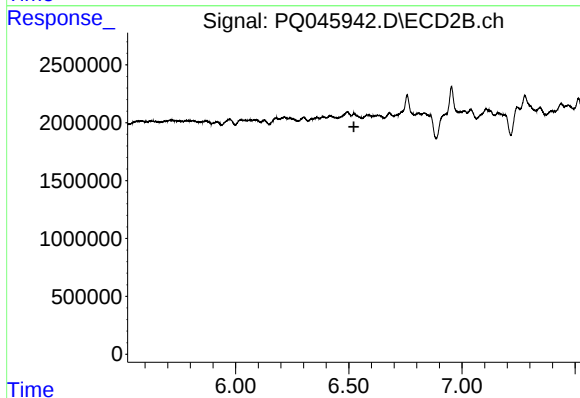
R.T.: 0.000 min  
Exp R.T. : 6.140 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

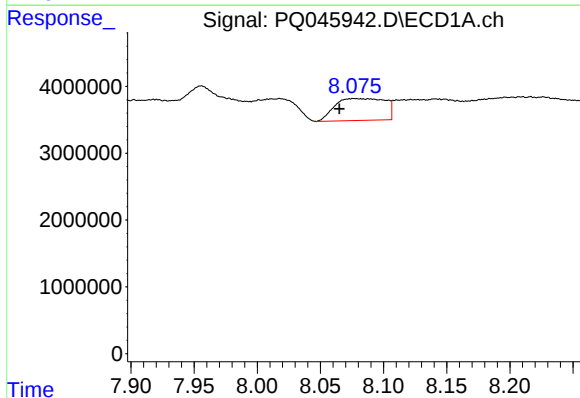
R.T.: 7.445 min  
Delta R.T.: -0.008 min  
Response: 1825436  
Conc: 18.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



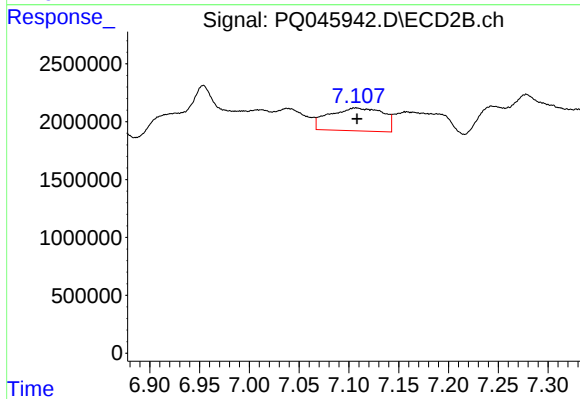
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.523 min  
Response: 0  
Conc: N.D.



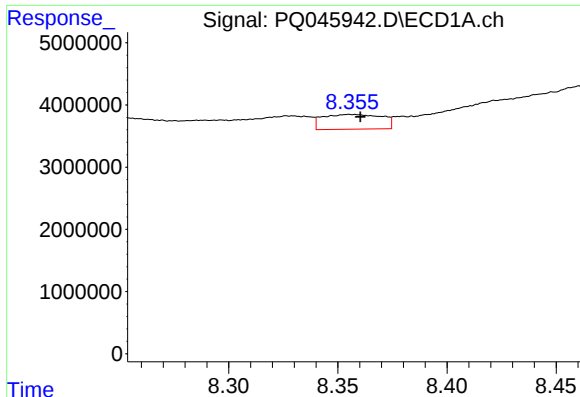
#28 AR-1254-3

R.T.: 8.077 min  
Delta R.T.: 0.012 min  
Response: 9044076  
Conc: 46.43 ng/ml



#28 AR-1254-3

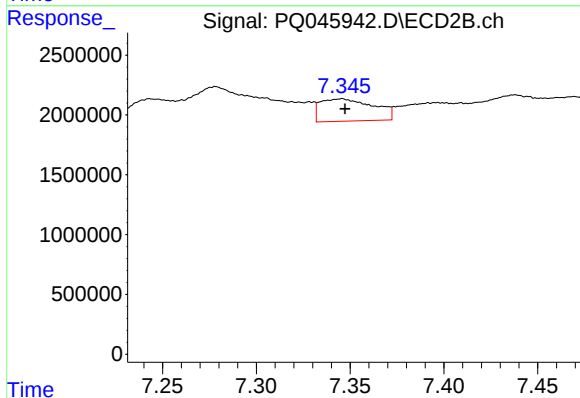
R.T.: 7.107 min  
Delta R.T.: -0.001 min  
Response: 7429641  
Conc: 50.22 ng/ml



#29 AR-1254-4

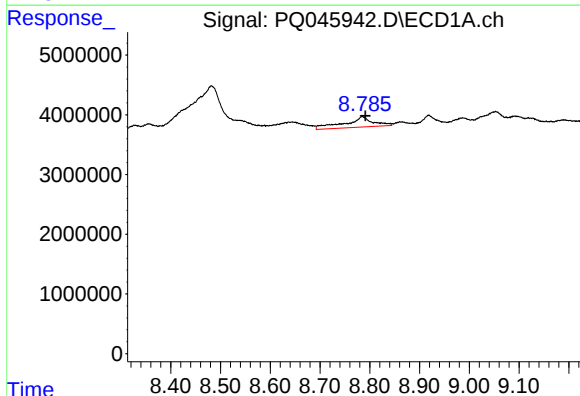
R.T.: 8.356 min  
Delta R.T.: -0.005 min  
Response: 4486334  
Conc: 31.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



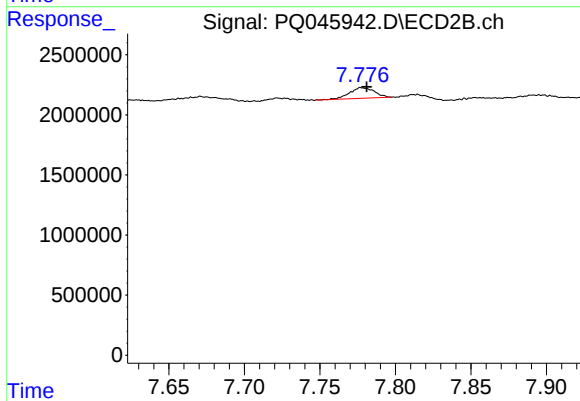
#29 AR-1254-4

R.T.: 7.345 min  
Delta R.T.: -0.002 min  
Response: 3709263  
Conc: 40.43 ng/ml



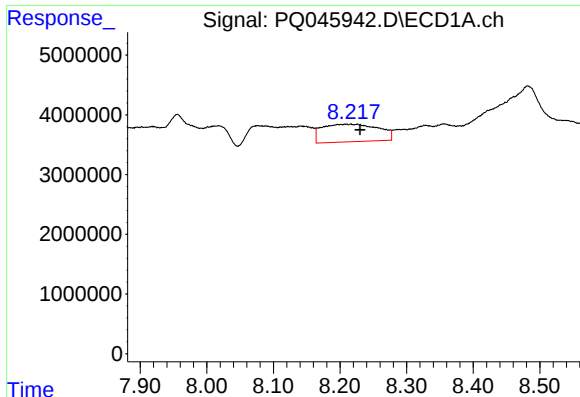
#30 AR-1254-5

R.T.: 8.785 min  
Delta R.T.: -0.006 min  
Response: 6942304  
Conc: 40.54 ng/ml



#30 AR-1254-5

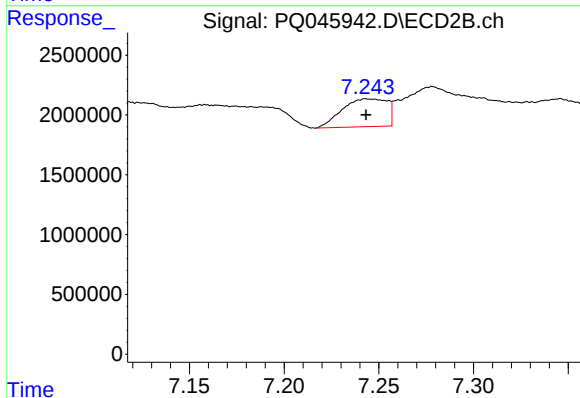
R.T.: 7.778 min  
Delta R.T.: -0.003 min  
Response: 1001095  
Conc: 7.30 ng/ml



#31 AR-1260-1

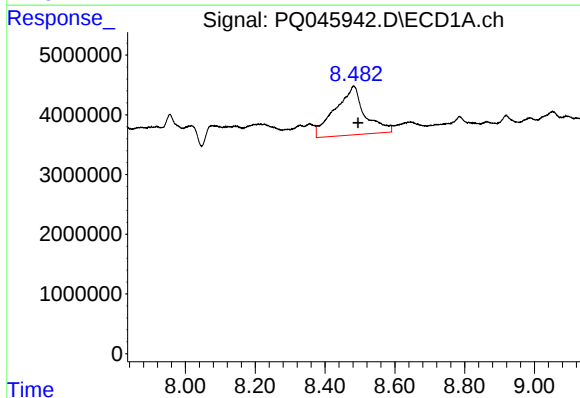
R.T.: 8.217 min  
Delta R.T.: -0.014 min  
Response: 17374335  
Conc: 139.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



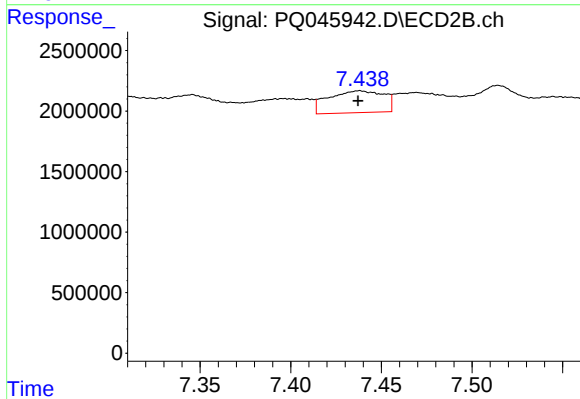
#31 AR-1260-1

R.T.: 7.244 min  
Delta R.T.: 0.000 min  
Response: 3832924  
Conc: 44.35 ng/ml



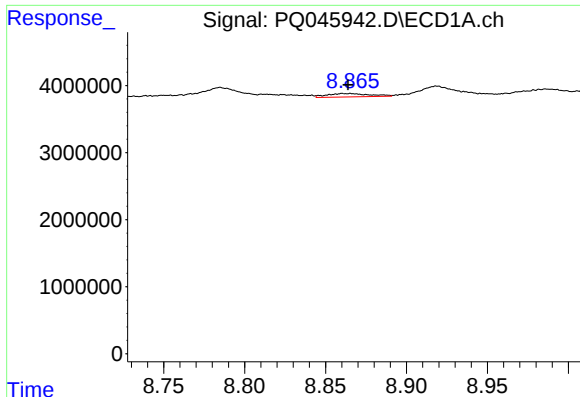
#32 AR-1260-2

R.T.: 8.482 min  
Delta R.T.: -0.013 min  
Response: 48351395  
Conc: 312.58 ng/ml



#32 AR-1260-2

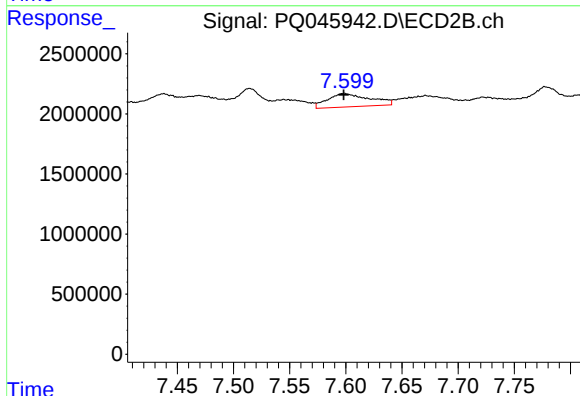
R.T.: 7.438 min  
Delta R.T.: 0.000 min  
Response: 3823347  
Conc: 35.59 ng/ml



#33 AR-1260-3

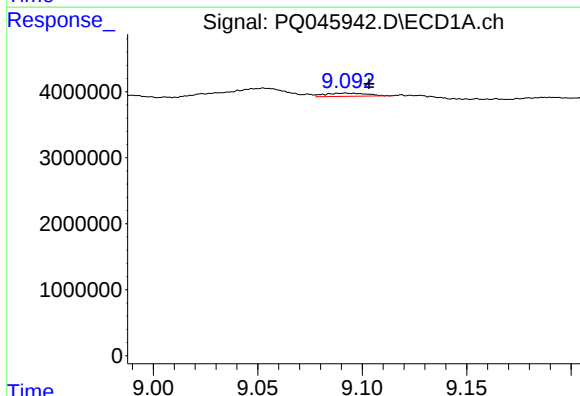
R.T.: 8.866 min  
Delta R.T.: 0.002 min  
Response: 944905  
Conc: 7.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



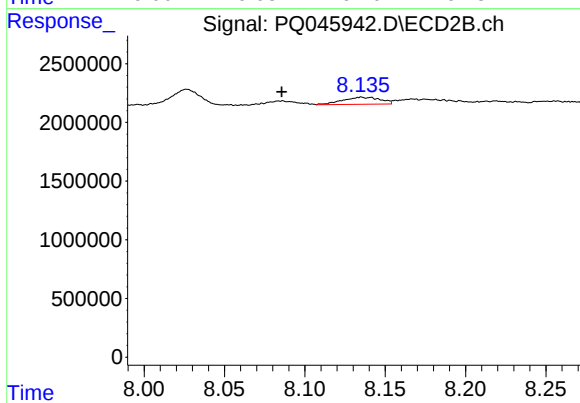
#33 AR-1260-3

R.T.: 7.599 min  
Delta R.T.: 0.000 min  
Response: 2882510  
Conc: 28.94 ng/ml



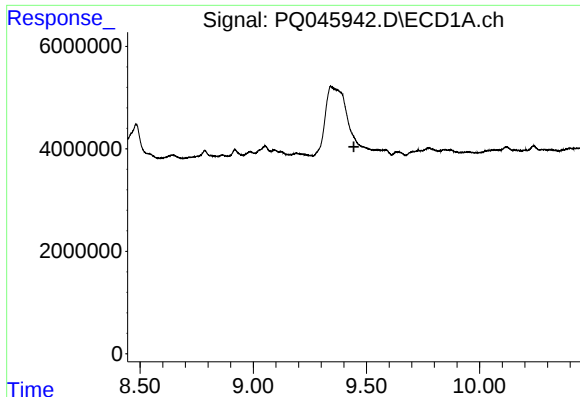
#34 AR-1260-4

R.T.: 9.092 min  
Delta R.T.: -0.011 min  
Response: 678384  
Conc: 4.17 ng/ml



#34 AR-1260-4

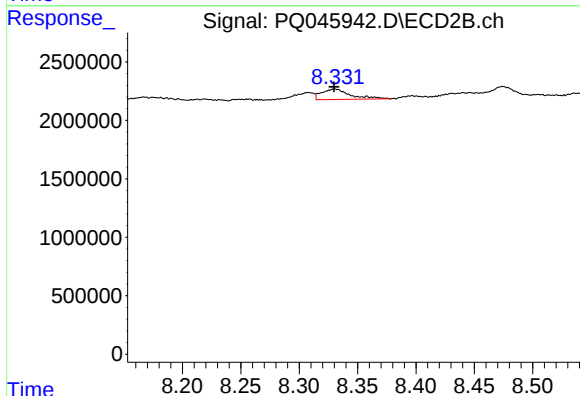
R.T.: 8.135 min  
Delta R.T.: 0.049 min  
Response: 983673  
Conc: 10.57 ng/ml



#35 AR-1260-5

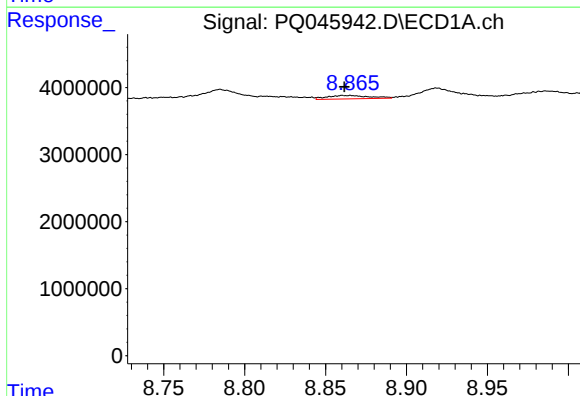
R.T.: 0.000 min  
Exp R.T.: 9.445 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



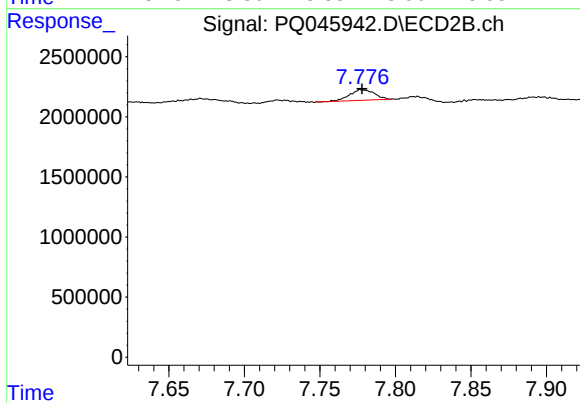
#35 AR-1260-5

R.T.: 8.330 min  
Delta R.T.: 0.000 min  
Response: 1518726  
Conc: 6.34 ng/ml



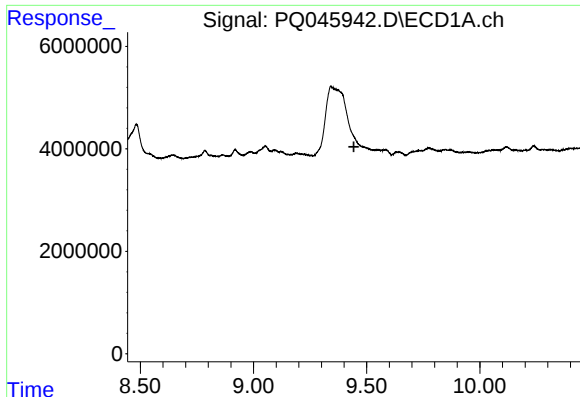
#36 AR-1262-1

R.T.: 8.866 min  
Delta R.T.: 0.004 min  
Response: 944905  
Conc: 4.29 ng/ml



#36 AR-1262-1

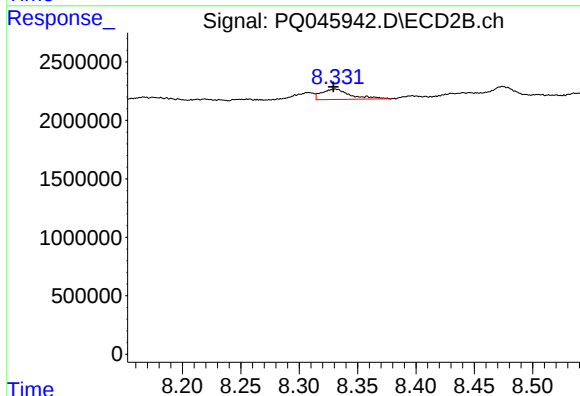
R.T.: 7.778 min  
Delta R.T.: 0.000 min  
Response: 1001095  
Conc: 12.78 ng/ml



#37 AR-1262-2

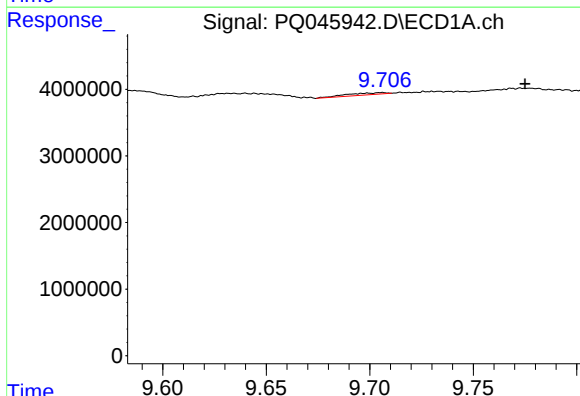
R.T.: 0.000 min  
Exp R.T.: 9.443 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



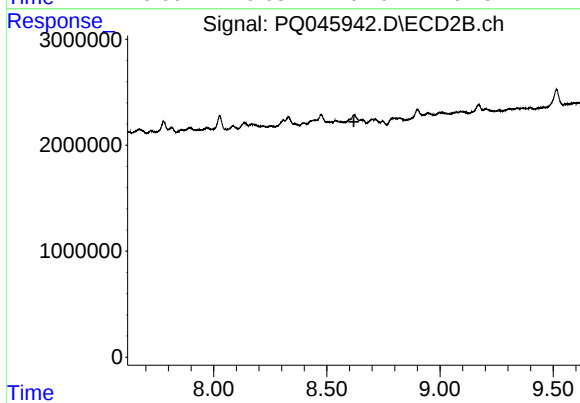
#37 AR-1262-2

R.T.: 8.330 min  
Delta R.T.: 0.000 min  
Response: 1518726  
Conc: 4.69 ng/ml



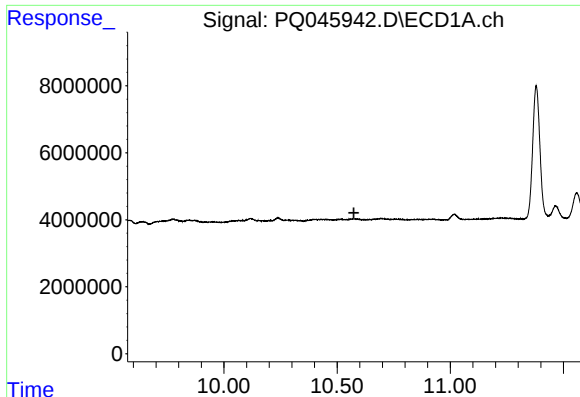
#38 AR-1262-3

R.T.: 9.706 min  
Delta R.T.: -0.069 min  
Response: 395162  
Conc: 1.33 ng/ml



#38 AR-1262-3

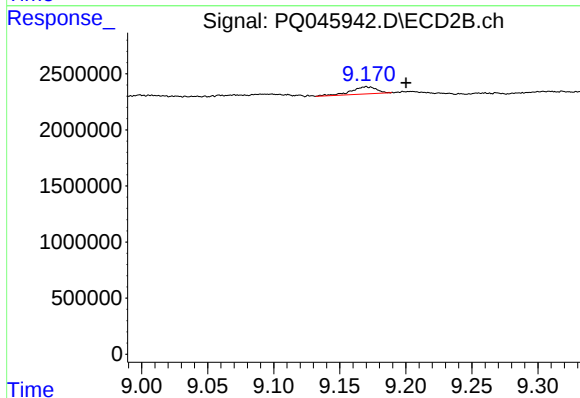
R.T.: 0.000 min  
Exp R.T.: 8.620 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

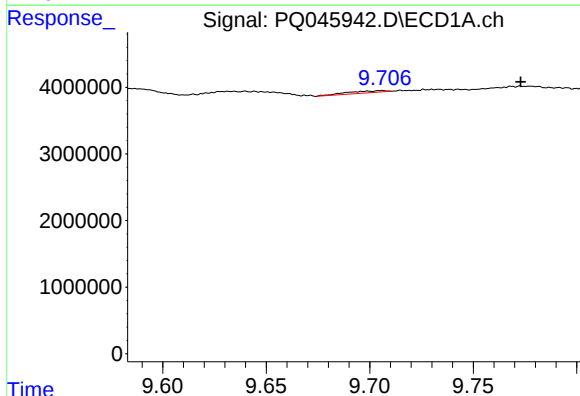
R.T.: 0.000 min  
Exp R.T.: 10.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



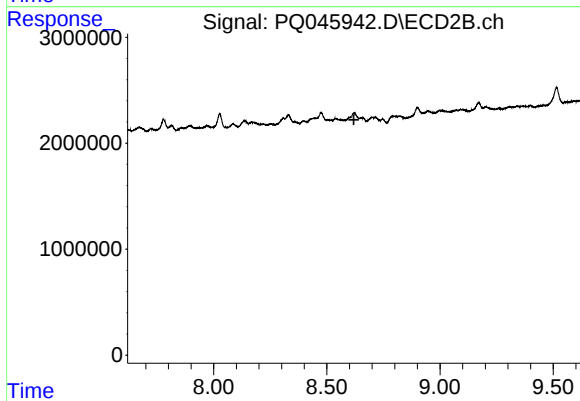
#40 AR-1262-5

R.T.: 9.170 min  
Delta R.T.: -0.030 min  
Response: 839233  
Conc: 7.08 ng/ml



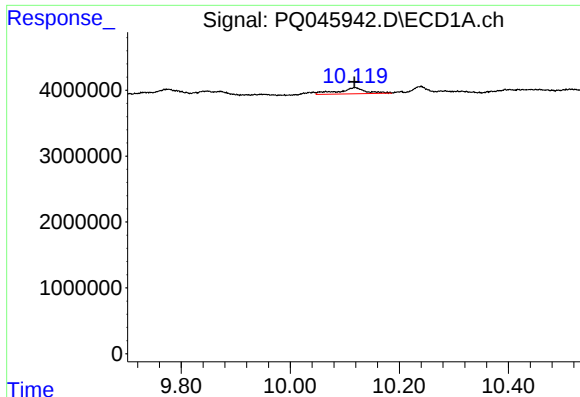
#41 AR-1268-1

R.T.: 9.706 min  
Delta R.T.: -0.067 min  
Response: 395162  
Conc: 0.79 ng/ml



#41 AR-1268-1

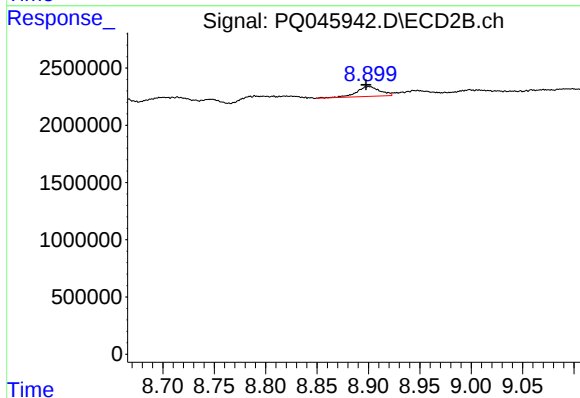
R.T.: 0.000 min  
Exp R.T.: 8.620 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

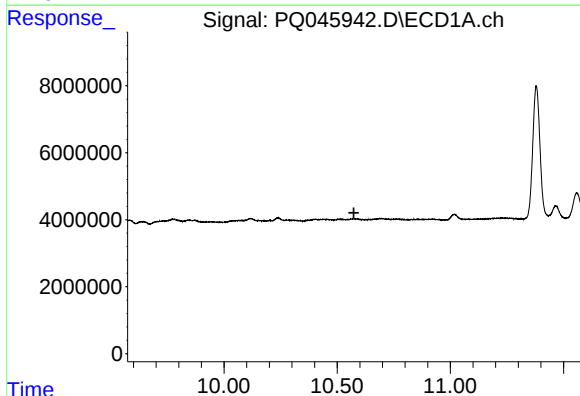
R.T.: 10.118 min  
Delta R.T.: 0.000 min  
Response: 3159878  
Conc: 7.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



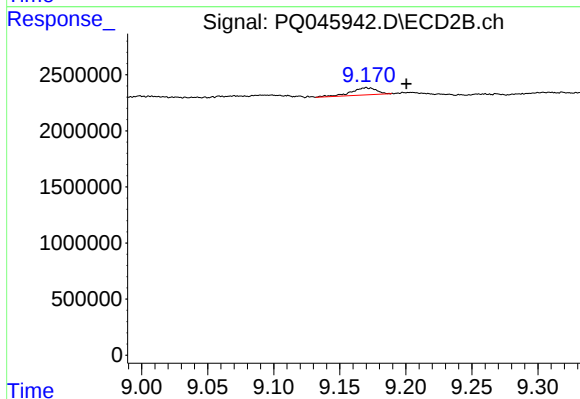
#43 AR-1268-3

R.T.: 8.900 min  
Delta R.T.: 0.003 min  
Response: 1356510  
Conc: 4.78 ng/ml



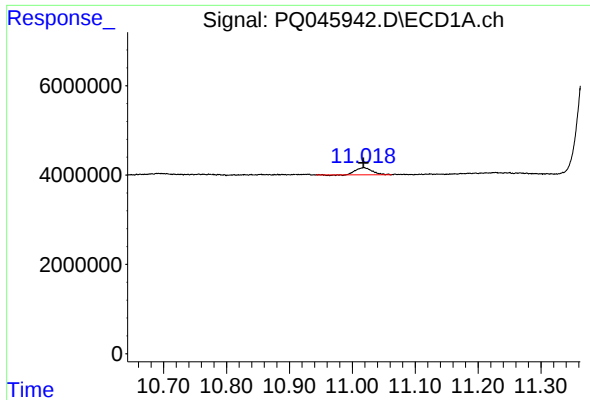
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 10.574 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

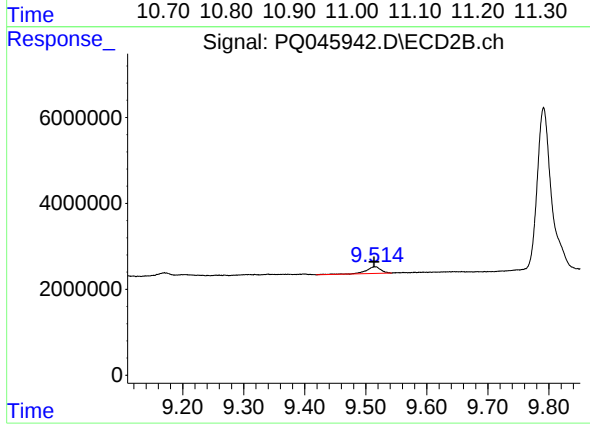
R.T.: 9.170 min  
Delta R.T.: -0.030 min  
Response: 839233  
Conc: 6.56 ng/ml



#45 AR-1268-5

R.T.: 11.018 min  
Delta R.T.: 0.001 min  
Response: 2763997  
Conc: 1.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.515 min  
Delta R.T.: 0.001 min  
Response: 2699145  
Conc: 2.52 ng/ml