

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081419\  
 Data File : PQ042468.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Aug 2019 17:59  
 Operator : SM\AJ  
 Sample : K4242-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 08:57:05 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... | 5.673  | 4.734  | 29301626 | 29286128 | 12.777   | 15.196    |
| 2)                          | SA Decachlor... | 12.053 | 10.480 | 145.8E6  | 121.3E6  | 17.298   | 25.073 #  |
| Target Compounds            |                 |        |        |          |          |          |           |
| 7)                          | L1 AR-1016-5    | 7.719  | 0.000  | 16527169 | 0        | 210.242  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 6.064  | 0.000  | 5556216  | 0        | 321.554  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 6.880  | 0.000  | 78761987 | 0        | 2397.136 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 7.479  | 0.000  | 13092150 | 0        | 609.213  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 0.000  | 7.168  | 0        | 19495399 | N.D.     | 219.557 # |
| 22)                         | L5 AR-1248-2    | 7.479  | 0.000  | 13092150 | 0        | 141.900  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 7.719  | 0.000  | 16527169 | 0        | 147.510  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 0.000  | 7.168  | 0        | 19495399 | N.D.     | 152.100 # |
| 26)                         | L6 AR-1254-1    | 8.042  | 7.168  | 12381626 | 19495399 | 89.003   | 106.599   |
| 27)                         | L6 AR-1254-2    | 8.327  | 0.000  | 702546   | 0        | 3.069    | N.D. #    |
| 29)                         | L6 AR-1254-4    | 8.972  | 0.000  | 5539863  | 0        | 22.504   | N.D. #    |
| 30)                         | L6 AR-1254-5    | 9.507  | 0.000  | 47535685 | 0        | 175.509  | N.D. #    |
| 31)                         | L7 AR-1260-1    | 8.972  | 7.875  | 5539863  | 99321823 | 31.143   | 547.440 # |
| 32)                         | L7 AR-1260-2    | 9.128  | 8.185  | 146.2E6  | 9827075  | 579.609  | 40.056 #  |
| 33)                         | L7 AR-1260-3    | 9.592  | 8.317  | 32720141 | 173.7E6  | 142.799  | 816.510 # |
| 34)                         | L7 AR-1260-4    | 9.849  | 8.801  | 209.1E6  | 63172186 | 818.920  | 312.286 # |
| 35)                         | L7 AR-1260-5    | 0.000  | 9.080  | 0        | 1417768  | N.D.     | 2.402 #   |
| 36)                         | L8 AR-1262-1    | 9.592  | 8.560  | 32720141 | 20926549 | 212.890  | 145.865 # |
| 37)                         | L8 AR-1262-2    | 0.000  | 9.080  | 0        | 1417768  | N.D.     | 1.913 #   |
| 38)                         | L8 AR-1262-3    | 10.523 | 9.370  | 34868138 | 7248987  | 54.910   | 22.913 #  |
| 39)                         | L8 AR-1262-4    | 10.523 | 9.370  | 34868138 | 7248987  | 69.638   | 12.890 #  |
| 40)                         | L8 AR-1262-5    | 11.264 | 0.000  | 127.1E6  | 0        | 312.198  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 10.523 | 9.370  | 34868138 | 7248987  | 24.477   | 6.341 #   |
| 42)                         | L9 AR-1268-2    | 10.523 | 9.370  | 34868138 | 7248987  | 26.437   | 7.061 #   |
| 43)                         | L9 AR-1268-3    | 10.758 | 0.000  | 20228813 | 0        | 17.288   | N.D. #    |
| 44)                         | L9 AR-1268-4    | 11.264 | 0.000  | 127.1E6  | 0        | 233.458  | N.D. #    |
| 45)                         | L9 AR-1268-5    | 11.740 | 10.208 | 25848966 | 2417865  | 6.378    | 0.931 #   |
| -----                       |                 |        |        |          |          |          |           |

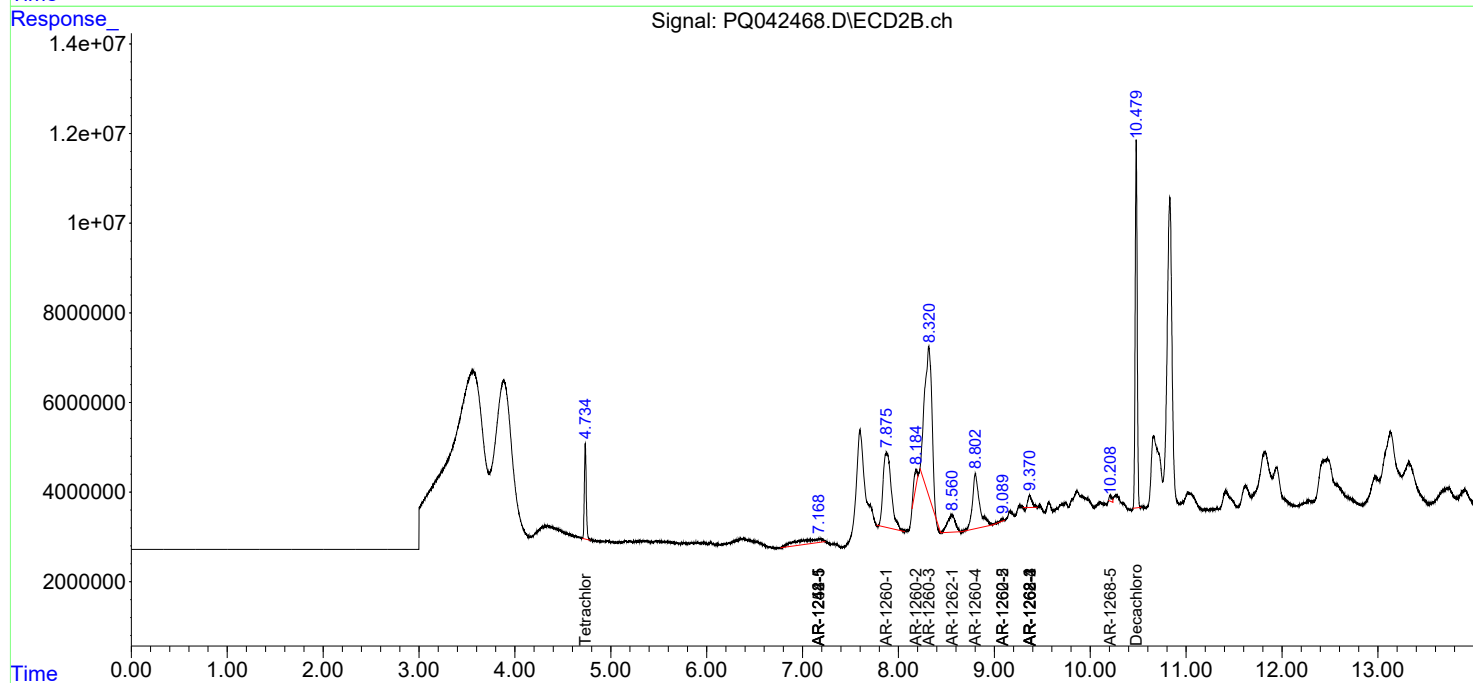
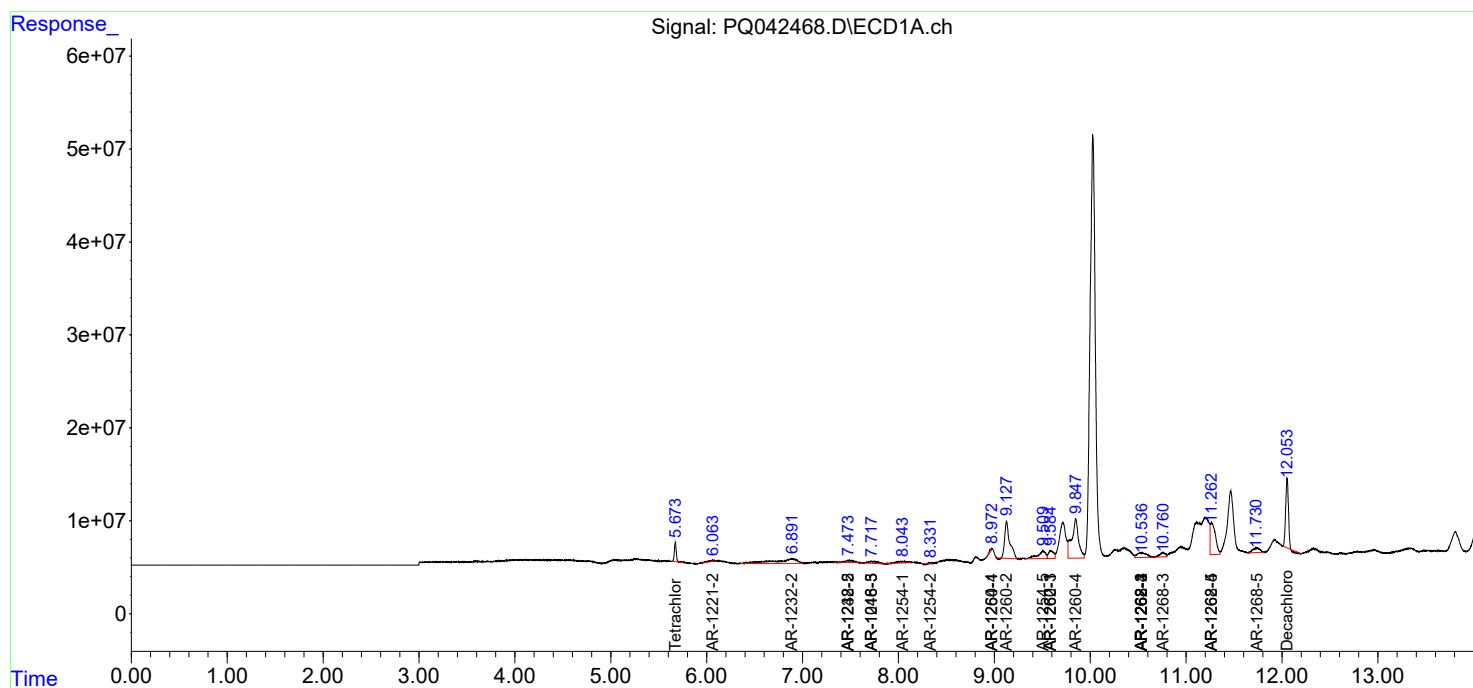
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

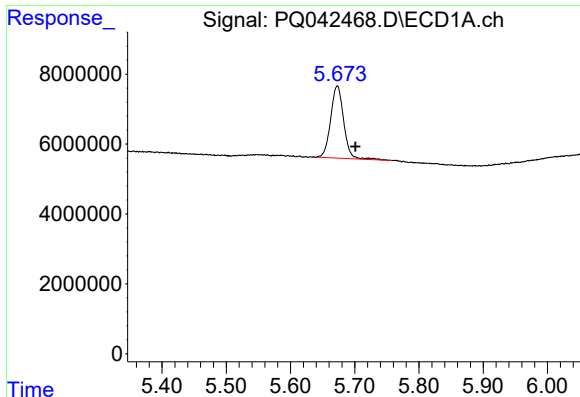
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081419\  
Data File : PQ042468.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Aug 2019 17:59  
Operator : SM\AJ  
Sample : K4242-05  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 08:57:05 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

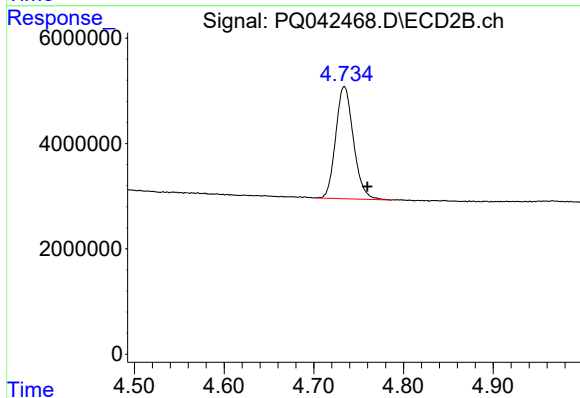




#1 Tetrachloro-m-xylene

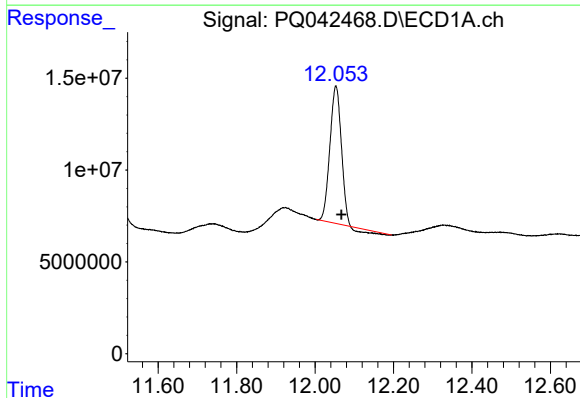
R.T.: 5.673 min  
Delta R.T.: -0.028 min  
Response: 29301626  
Conc: 12.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



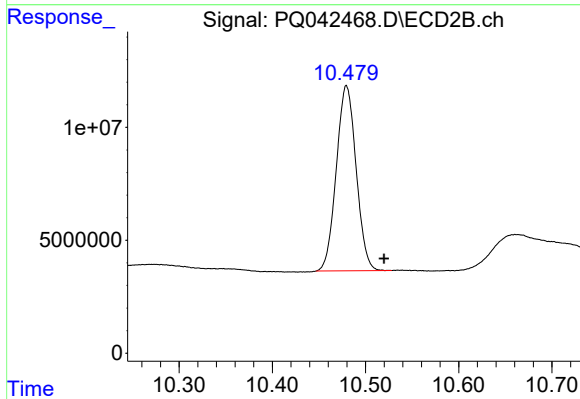
#1 Tetrachloro-m-xylene

R.T.: 4.734 min  
Delta R.T.: -0.026 min  
Response: 29286128  
Conc: 15.20 ng/ml



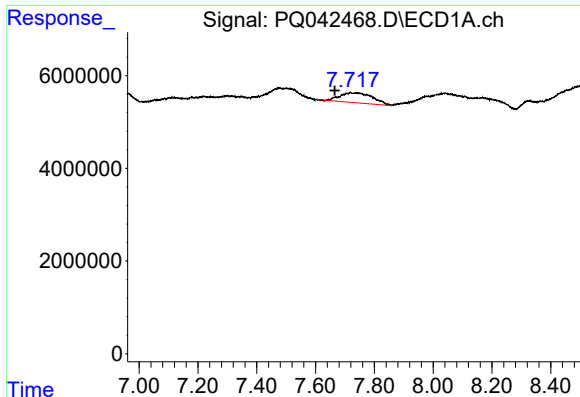
#2 Decachlorobiphenyl

R.T.: 12.053 min  
Delta R.T.: -0.014 min  
Response: 145846222  
Conc: 17.30 ng/ml



#2 Decachlorobiphenyl

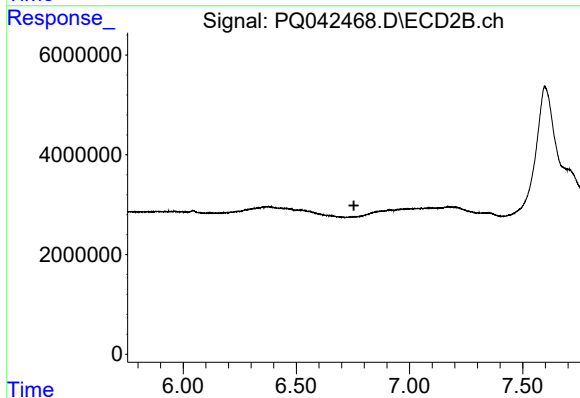
R.T.: 10.480 min  
Delta R.T.: -0.040 min  
Response: 121288587  
Conc: 25.07 ng/ml



#7 AR-1016-5

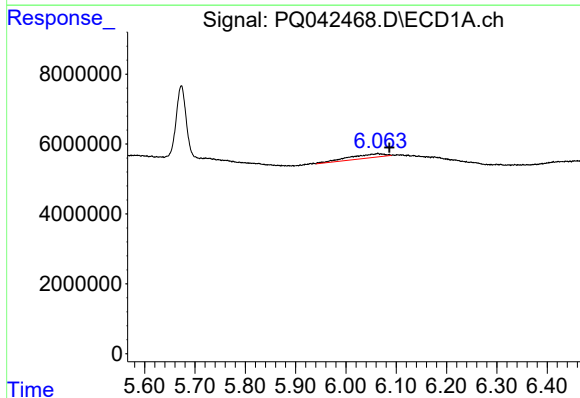
R.T.: 7.719 min  
Delta R.T.: 0.054 min  
Response: 16527169  
Conc: 210.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



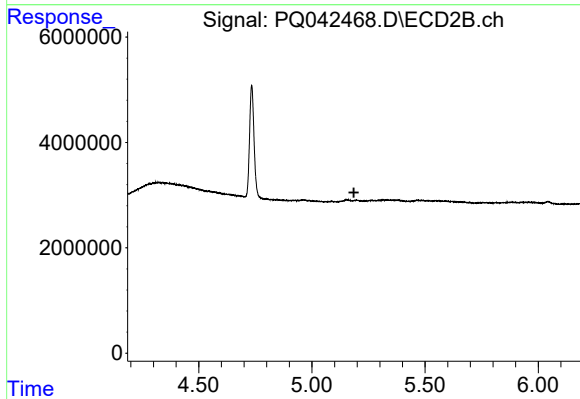
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.754 min  
Response: 0  
Conc: N.D.



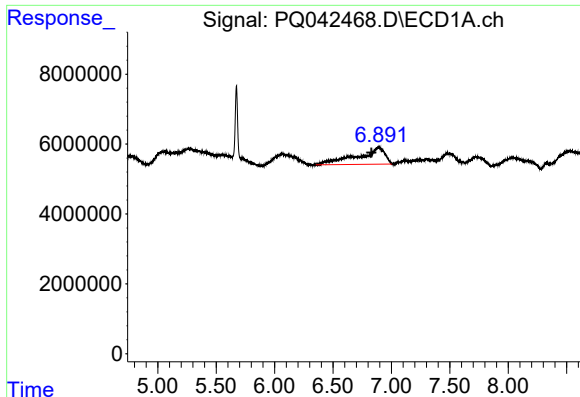
#9 AR-1221-2

R.T.: 6.064 min  
Delta R.T.: -0.023 min  
Response: 5556216  
Conc: 321.55 ng/ml



#9 AR-1221-2

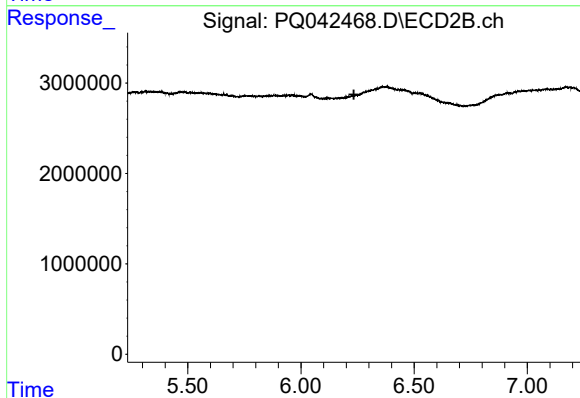
R.T.: 0.000 min  
Exp R.T. : 5.185 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

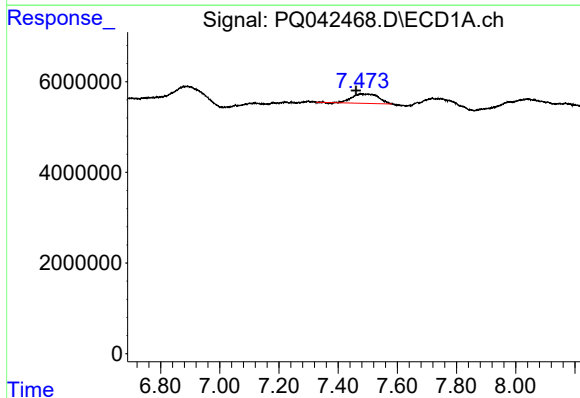
R.T.: 6.880 min  
Delta R.T.: 0.052 min  
Response: 78761987  
Conc: 2397.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



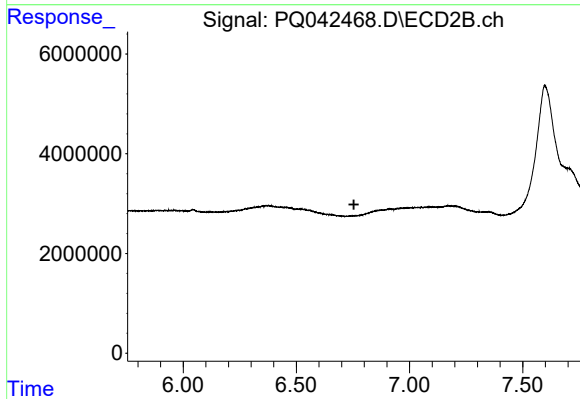
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 6.234 min  
Response: 0  
Conc: N.D.



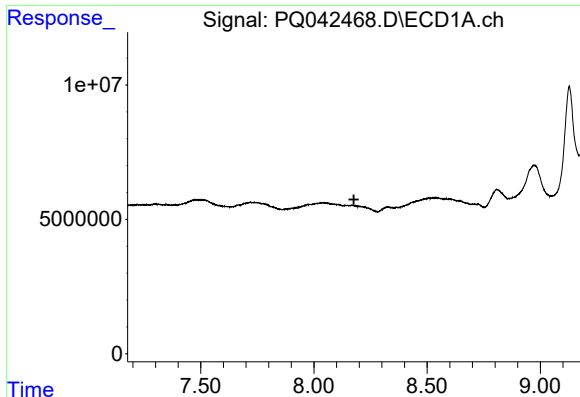
#15 AR-1232-5

R.T.: 7.479 min  
Delta R.T.: 0.018 min  
Response: 13092150  
Conc: 609.21 ng/ml



#15 AR-1232-5

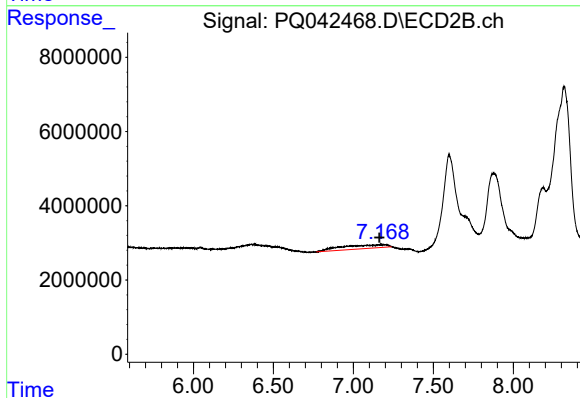
R.T.: 0.000 min  
Exp R.T. : 6.754 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

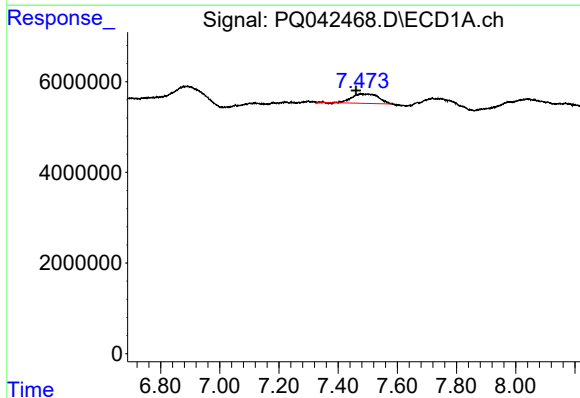
R.T.: 0.000 min  
Exp R.T.: 8.177 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



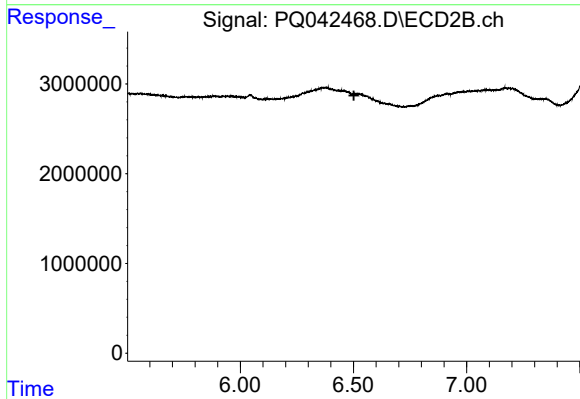
#20 AR-1242-5

R.T.: 7.168 min  
Delta R.T.: 0.006 min  
Response: 19495399  
Conc: 219.56 ng/ml



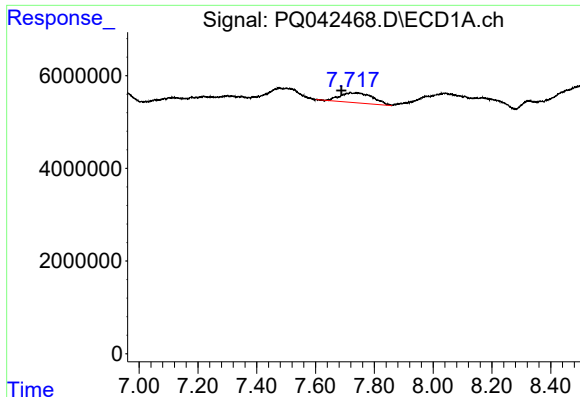
#22 AR-1248-2

R.T.: 7.479 min  
Delta R.T.: 0.019 min  
Response: 13092150  
Conc: 141.90 ng/ml



#22 AR-1248-2

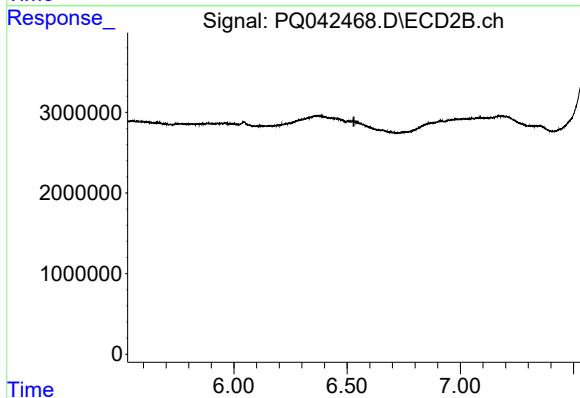
R.T.: 0.000 min  
Exp R.T.: 6.502 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

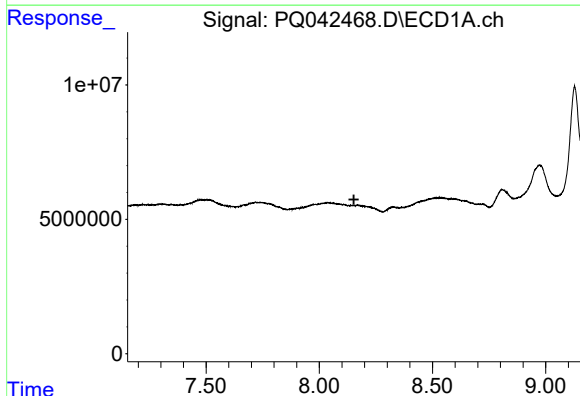
R.T.: 7.719 min  
Delta R.T.: 0.031 min  
Response: 16527169  
Conc: 147.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



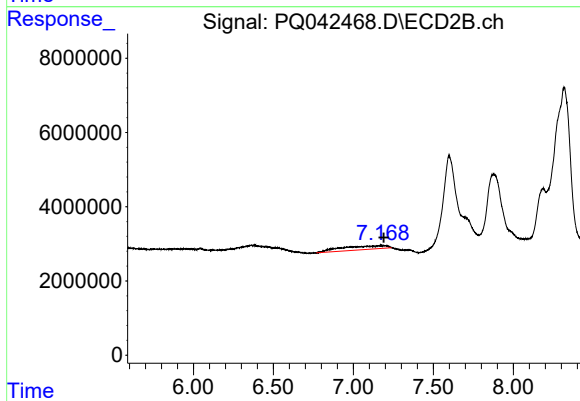
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 6.530 min  
Response: 0  
Conc: N.D.



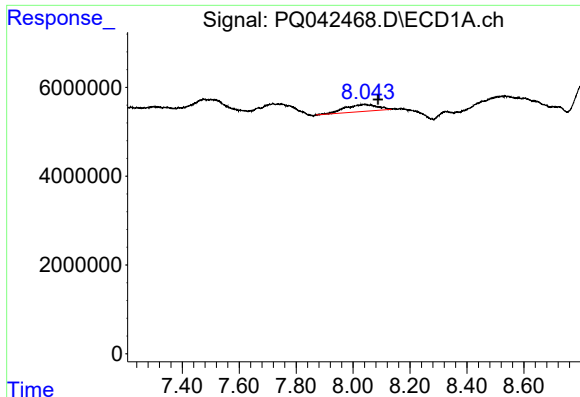
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 8.153 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

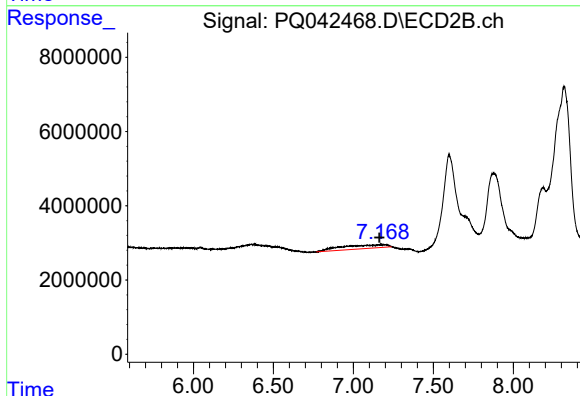
R.T.: 7.168 min  
Delta R.T.: -0.021 min  
Response: 19495399  
Conc: 152.10 ng/ml



#26 AR-1254-1

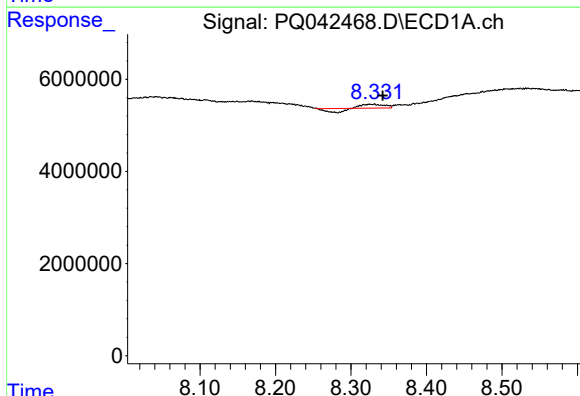
R.T.: 8.042 min  
Delta R.T.: -0.046 min  
Response: 12381626  
Conc: 89.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



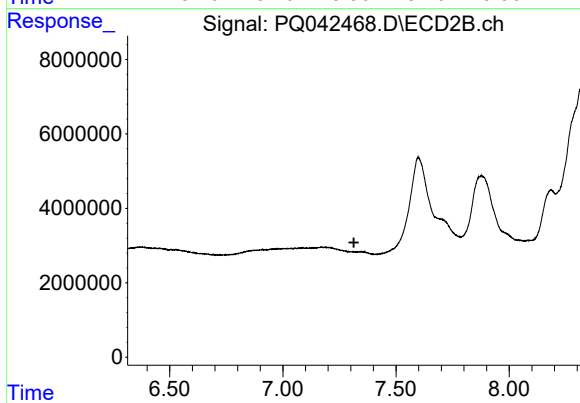
#26 AR-1254-1

R.T.: 7.168 min  
Delta R.T.: 0.006 min  
Response: 19495399  
Conc: 106.60 ng/ml



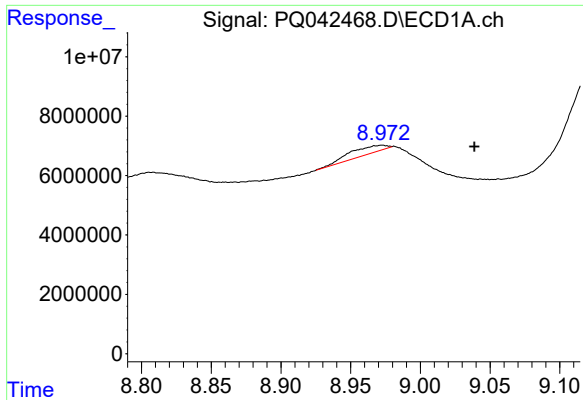
#27 AR-1254-2

R.T.: 8.327 min  
Delta R.T.: -0.015 min  
Response: 702546  
Conc: 3.07 ng/ml



#27 AR-1254-2

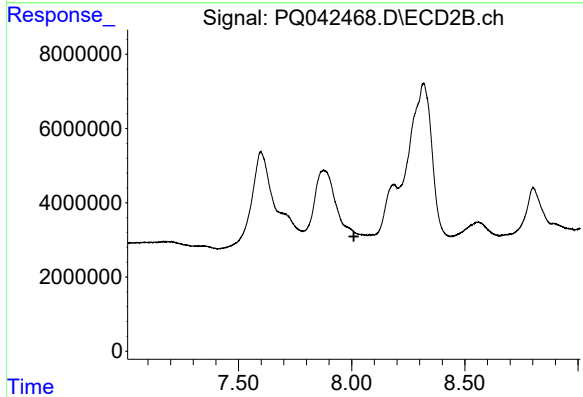
R.T.: 0.000 min  
Exp R.T.: 7.314 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

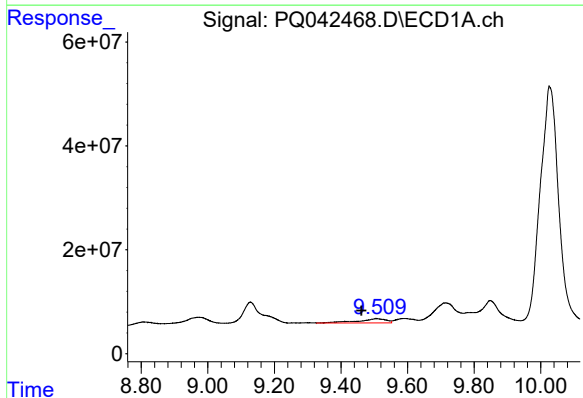
R.T.: 8.972 min  
Delta R.T.: -0.066 min  
Response: 5539863  
Conc: 22.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



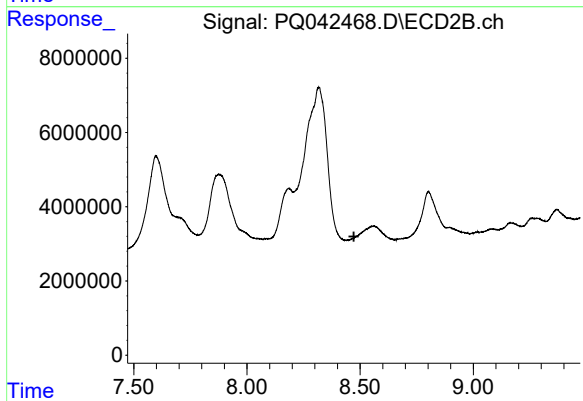
#29 AR-1254-4

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



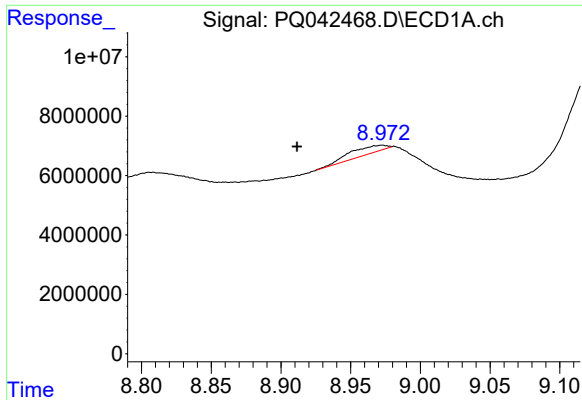
#30 AR-1254-5

R.T.: 9.507 min  
Delta R.T.: 0.046 min  
Response: 47535685  
Conc: 175.51 ng/ml



#30 AR-1254-5

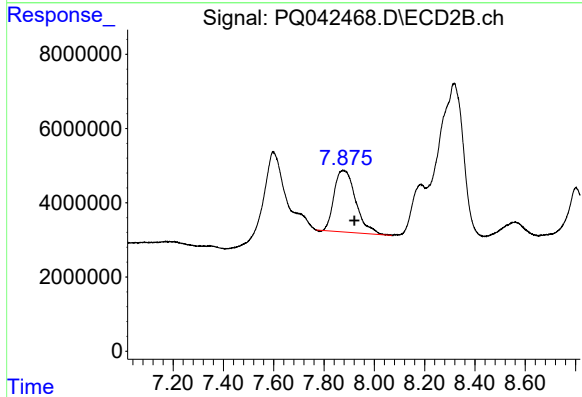
R.T.: 0.000 min  
Exp R.T. : 8.473 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

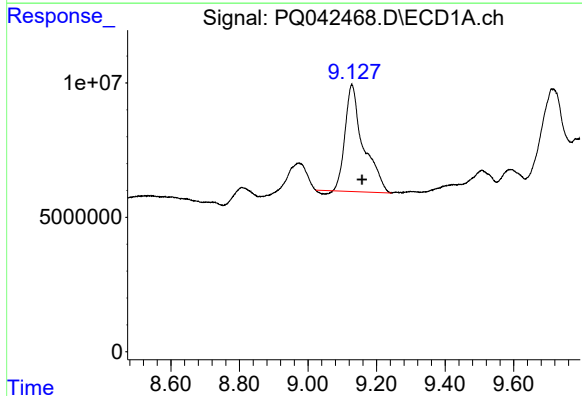
R.T.: 8.972 min  
Delta R.T.: 0.061 min  
Response: 5539863  
Conc: 31.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



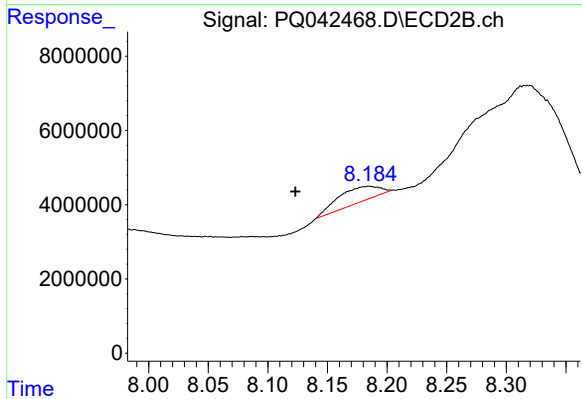
#31 AR-1260-1

R.T.: 7.875 min  
Delta R.T.: -0.046 min  
Response: 99321823  
Conc: 547.44 ng/ml



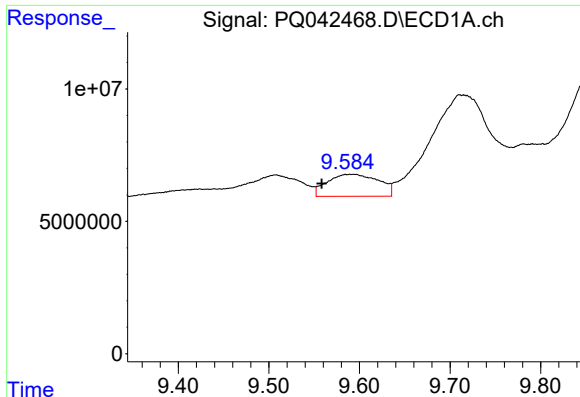
#32 AR-1260-2

R.T.: 9.128 min  
Delta R.T.: -0.030 min  
Response: 146220939  
Conc: 579.61 ng/ml



#32 AR-1260-2

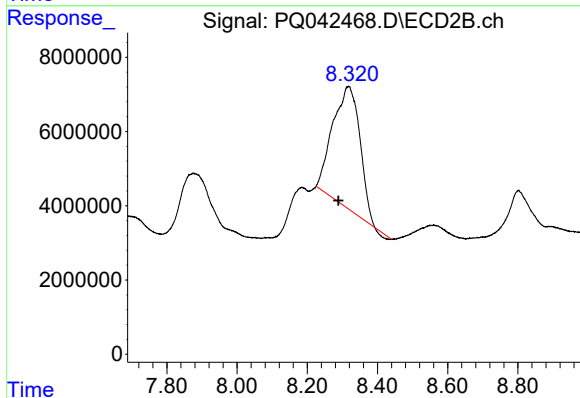
R.T.: 8.185 min  
Delta R.T.: 0.062 min  
Response: 9827075  
Conc: 40.06 ng/ml



#33 AR-1260-3

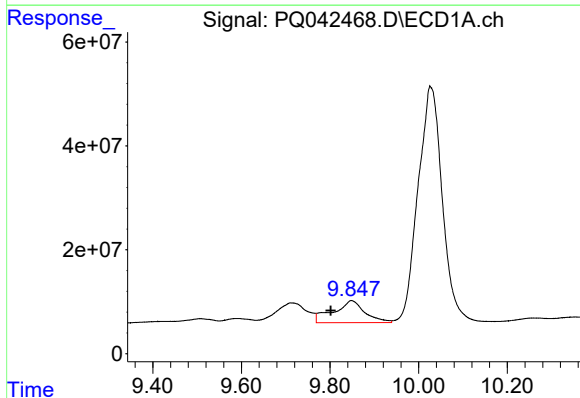
R.T.: 9.592 min  
Delta R.T.: 0.034 min  
Response: 32720141  
Conc: 142.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



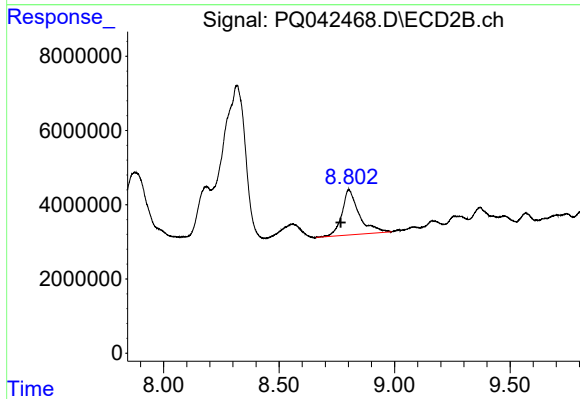
#33 AR-1260-3

R.T.: 8.317 min  
Delta R.T.: 0.029 min  
Response: 173735029  
Conc: 816.51 ng/ml



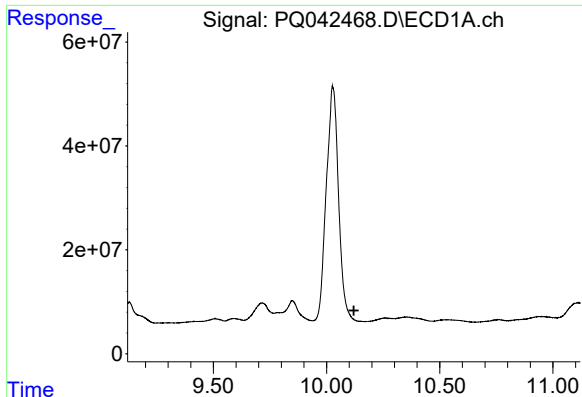
#34 AR-1260-4

R.T.: 9.849 min  
Delta R.T.: 0.047 min  
Response: 209105017  
Conc: 818.92 ng/ml



#34 AR-1260-4

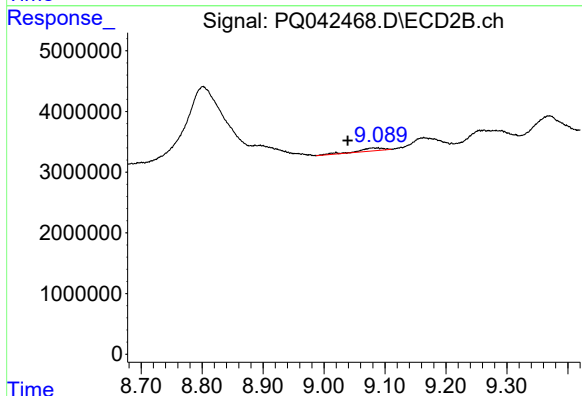
R.T.: 8.801 min  
Delta R.T.: 0.035 min  
Response: 63172186  
Conc: 312.29 ng/ml



#35 AR-1260-5

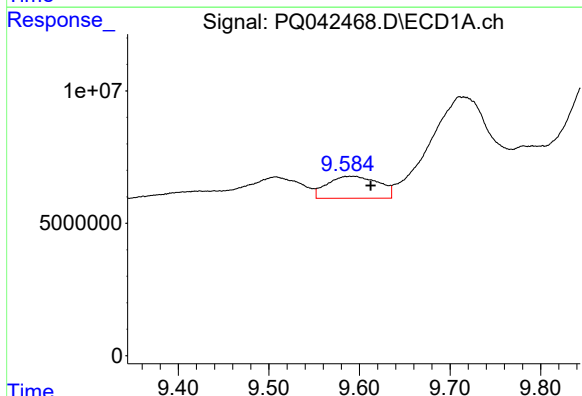
R.T.: 0.000 min  
Exp R.T.: 10.121 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



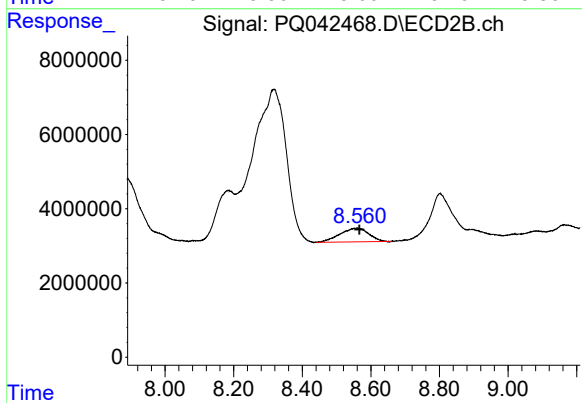
#35 AR-1260-5

R.T.: 9.080 min  
Delta R.T.: 0.042 min  
Response: 1417768  
Conc: 2.40 ng/ml



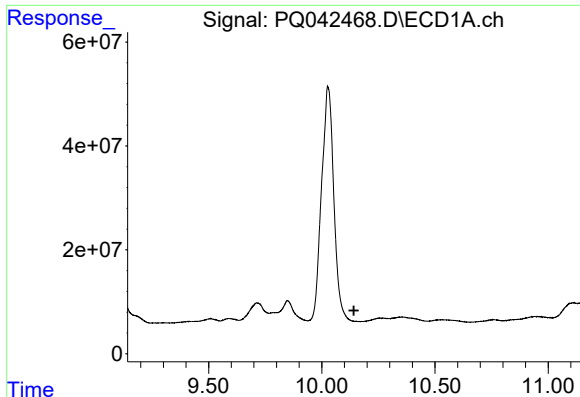
#36 AR-1262-1

R.T.: 9.592 min  
Delta R.T.: -0.020 min  
Response: 32720141  
Conc: 212.89 ng/ml



#36 AR-1262-1

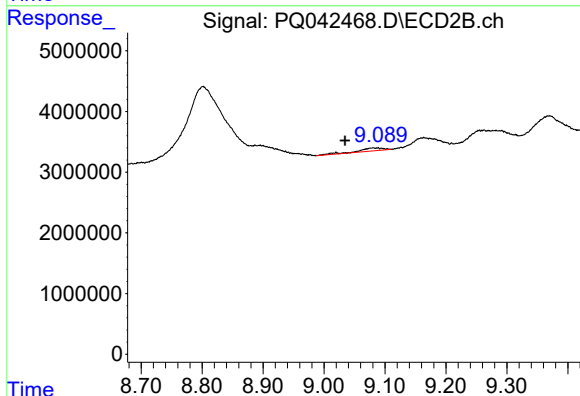
R.T.: 8.560 min  
Delta R.T.: -0.006 min  
Response: 20926549  
Conc: 145.87 ng/ml



#37 AR-1262-2

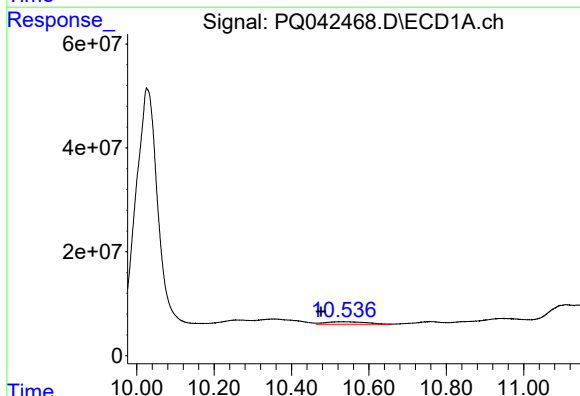
R.T.: 0.000 min  
Exp R.T.: 10.142 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



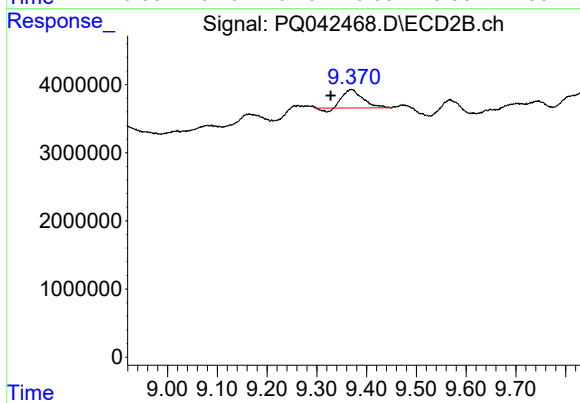
#37 AR-1262-2

R.T.: 9.080 min  
Delta R.T.: 0.046 min  
Response: 1417768  
Conc: 1.91 ng/ml



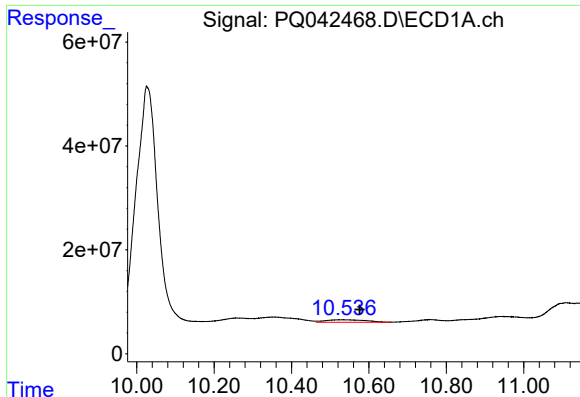
#38 AR-1262-3

R.T.: 10.523 min  
Delta R.T.: 0.046 min  
Response: 34868138  
Conc: 54.91 ng/ml



#38 AR-1262-3

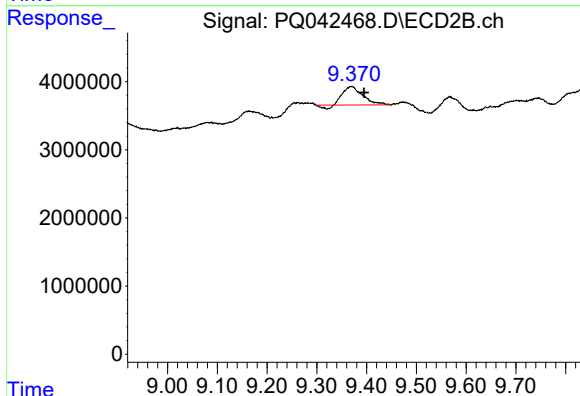
R.T.: 9.370 min  
Delta R.T.: 0.042 min  
Response: 7248987  
Conc: 22.91 ng/ml



#39 AR-1262-4

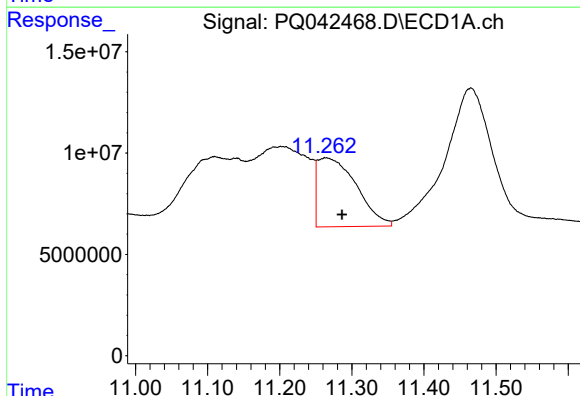
R.T.: 10.523 min  
Delta R.T.: -0.053 min  
Response: 34868138  
Conc: 69.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



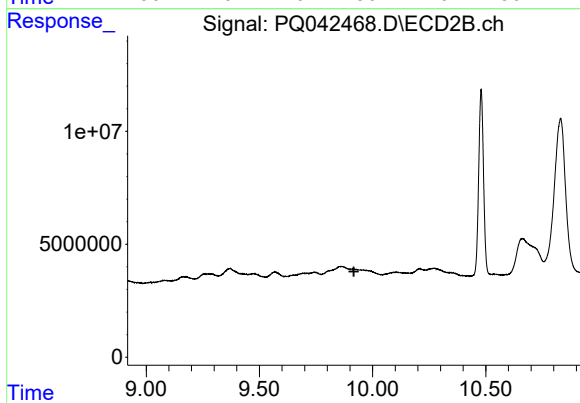
#39 AR-1262-4

R.T.: 9.370 min  
Delta R.T.: -0.025 min  
Response: 7248987  
Conc: 12.89 ng/ml



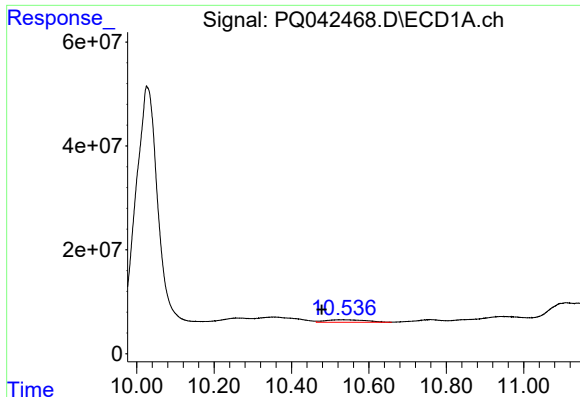
#40 AR-1262-5

R.T.: 11.264 min  
Delta R.T.: -0.022 min  
Response: 127098850  
Conc: 312.20 ng/ml



#40 AR-1262-5

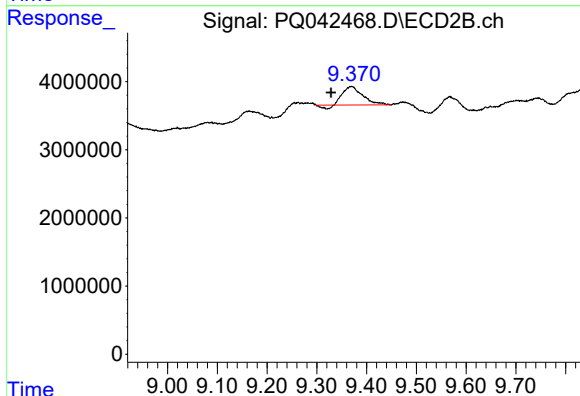
R.T.: 0.000 min  
Exp R.T.: 9.918 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

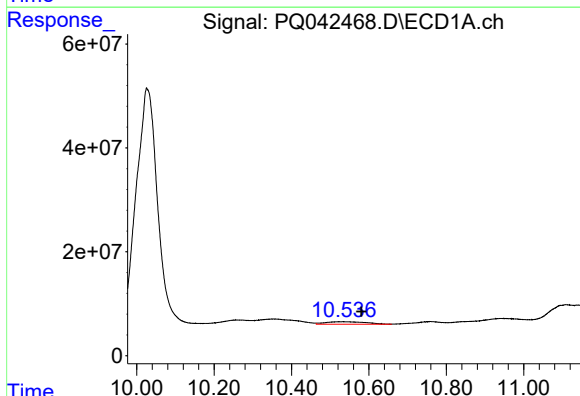
R.T.: 10.523 min  
Delta R.T.: 0.045 min  
Response: 34868138  
Conc: 24.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



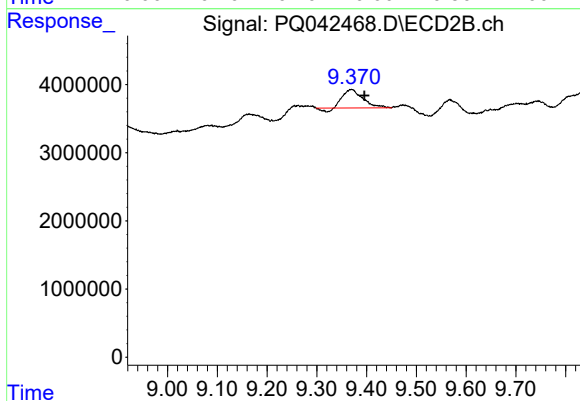
#41 AR-1268-1

R.T.: 9.370 min  
Delta R.T.: 0.041 min  
Response: 7248987  
Conc: 6.34 ng/ml



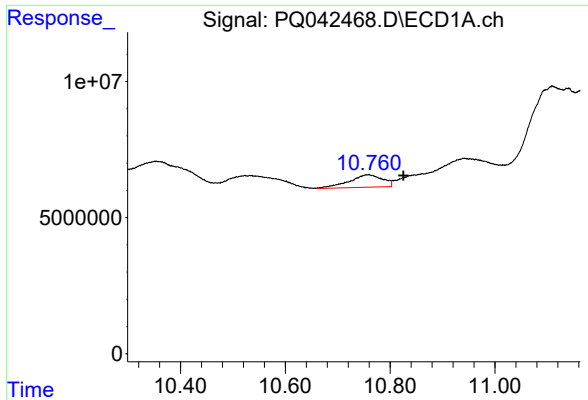
#42 AR-1268-2

R.T.: 10.523 min  
Delta R.T.: -0.058 min  
Response: 34868138  
Conc: 26.44 ng/ml



#42 AR-1268-2

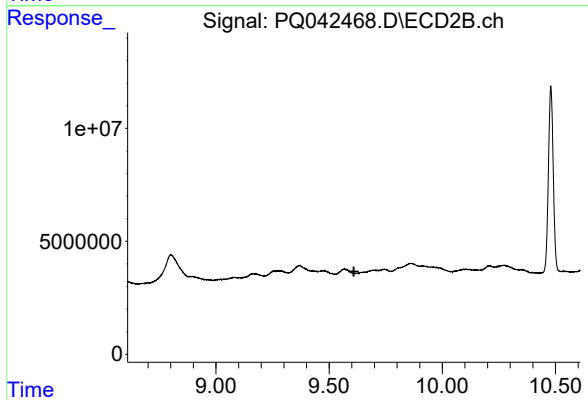
R.T.: 9.370 min  
Delta R.T.: -0.026 min  
Response: 7248987  
Conc: 7.06 ng/ml



#43 AR-1268-3

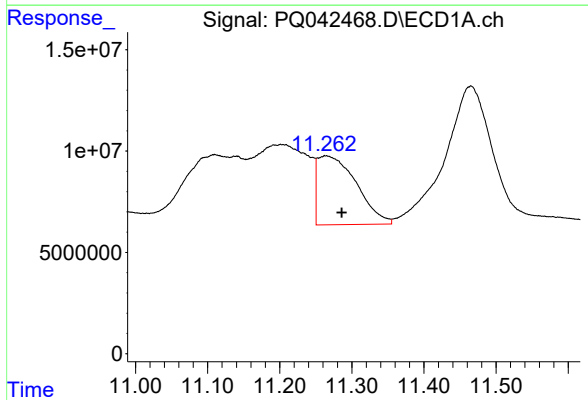
R.T.: 10.758 min  
Delta R.T.: -0.068 min  
Response: 20228813  
Conc: 17.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



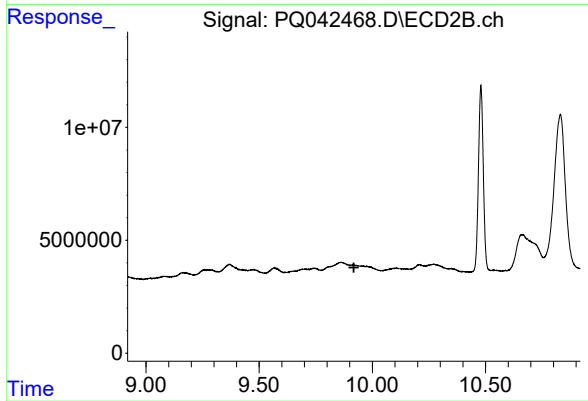
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.609 min  
Response: 0  
Conc: N.D.



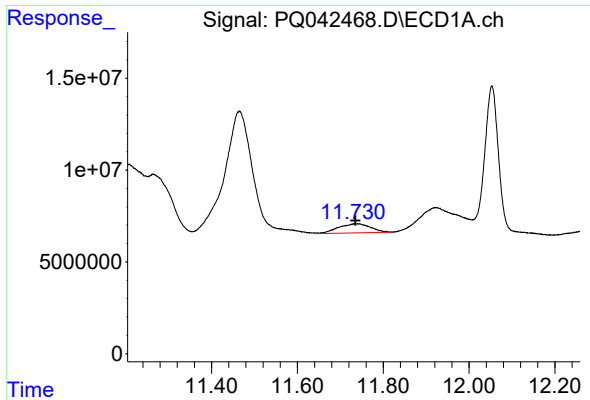
#44 AR-1268-4

R.T.: 11.264 min  
Delta R.T.: -0.022 min  
Response: 127098850  
Conc: 233.46 ng/ml



#44 AR-1268-4

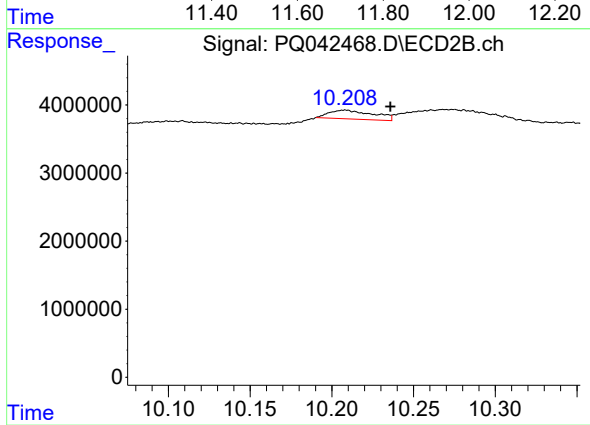
R.T.: 0.000 min  
Exp R.T. : 9.918 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 11.740 min  
Delta R.T.: 0.005 min  
Response: 25848966  
Conc: 6.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 10.208 min  
Delta R.T.: -0.028 min  
Response: 2417865  
Conc: 0.93 ng/ml