

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ052019\  
 Data File : PQ040021.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 May 2019 12:50  
 Operator : SM\AJ  
 Sample : K2947-16  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ETMG1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 21 00:40:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ051819CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 18 00:58:45 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... | 5.604  | 4.729  | 167.5E6  | 118.4E6  | 24.844 | 24.660   |
| 2)                          | SA Decachlor... | 11.941 | 10.466 | 156.5E6  | 97835506 | 25.059 | 25.341   |
|                             |                 |        |        |          |          |        |          |
| Target Compounds            |                 |        |        |          |          |        |          |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.543  | 0        | 1388253  | N.D.   | 10.719 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.668  | 0        | 1917444  | N.D.   | 10.195 # |
| 9)                          | L2 AR-1221-2    | 6.000  | 5.148  | 3175768  | 1489784  | 65.875 | 43.651 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 5.331  | 0        | 2789994  | N.D.   | 22.969 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 5.331  | 0        | 2789994  | N.D.   | 30.059 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.543  | 0        | 1388253  | N.D.   | 33.720 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 6.668  | 0        | 1917444  | N.D.   | 42.649 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.543  | 0        | 1388253  | N.D.   | 16.404 # |
| 20)                         | L4 AR-1242-5    | 8.048  | 7.141  | 7522688  | 6383408  | 62.252 | 59.538   |
| 22)                         | L5 AR-1248-2    | 0.000  | 6.543  | 0        | 1388253  | N.D.   | 10.963 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 6.543  | 0        | 1388253  | N.D.   | 10.467 # |
| 24)                         | L5 AR-1248-4    | 8.048  | 6.668  | 7522688  | 1917444  | 34.856 | 11.704 # |
| 25)                         | L5 AR-1248-5    | 8.048  | 7.141  | 7522688  | 6383408  | 36.088 | 39.394   |
| 26)                         | L6 AR-1254-1    | 8.048  | 7.141  | 7522688  | 6383408  | 32.588 | 24.102 # |
| 27)                         | L6 AR-1254-2    | 8.259  | 7.328  | 12740820 | 13065655 | 35.354 | 57.234 # |
| 28)                         | L6 AR-1254-3    | 8.663  | 7.768  | 16898743 | 13019158 | 44.513 | 35.235   |
| 29)                         | L6 AR-1254-4    | 8.995  | 7.995  | 8013870  | 1518636  | 29.362 | 6.617 #  |
| 30)                         | L6 AR-1254-5    | 9.411  | 8.441  | 15776792 | 6630758  | 52.498 | 21.297 # |
| 31)                         | L7 AR-1260-1    | 8.822  | 7.888  | 671452   | 2764572  | 1.505  | 7.505 #  |
| 32)                         | L7 AR-1260-2    | 9.094  | 8.098  | 25015608 | 2006031  | 46.545 | 4.410 #  |
| 33)                         | L7 AR-1260-3    | 9.463  | 8.255  | 1404748  | 946652   | 3.501  | 2.254 #  |
| 34)                         | L7 AR-1260-4    | 9.707  | 8.722  | 822335   | 989278   | 1.788  | 2.989 #  |
| 35)                         | L7 AR-1260-5    | 10.053 | 9.005  | 1330083  | 3934673  | 1.380  | 4.797 #  |
| 37)                         | L8 AR-1262-2    | 10.053 | 9.005  | 1330083  | 3934673  | 1.967  | 6.568 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 9.242  | 0        | 213077   | N.D.   | 0.924 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 9.242  | 0        | 213077   | N.D.   | 0.206 #  |
| 45)                         | L9 AR-1268-5    | 11.597 | 10.197 | 1718939  | 1009149  | 0.519  | 0.410    |
| -----                       |                 |        |        |          |          |        |          |

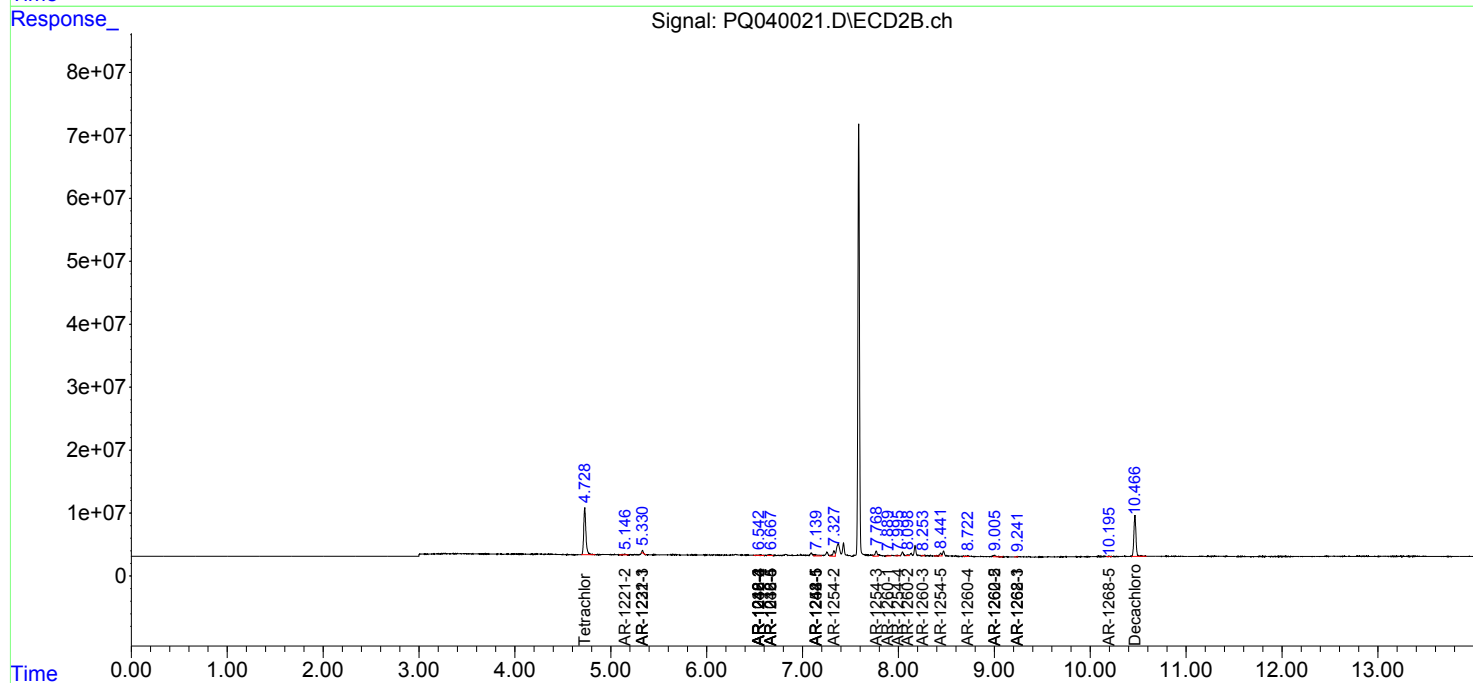
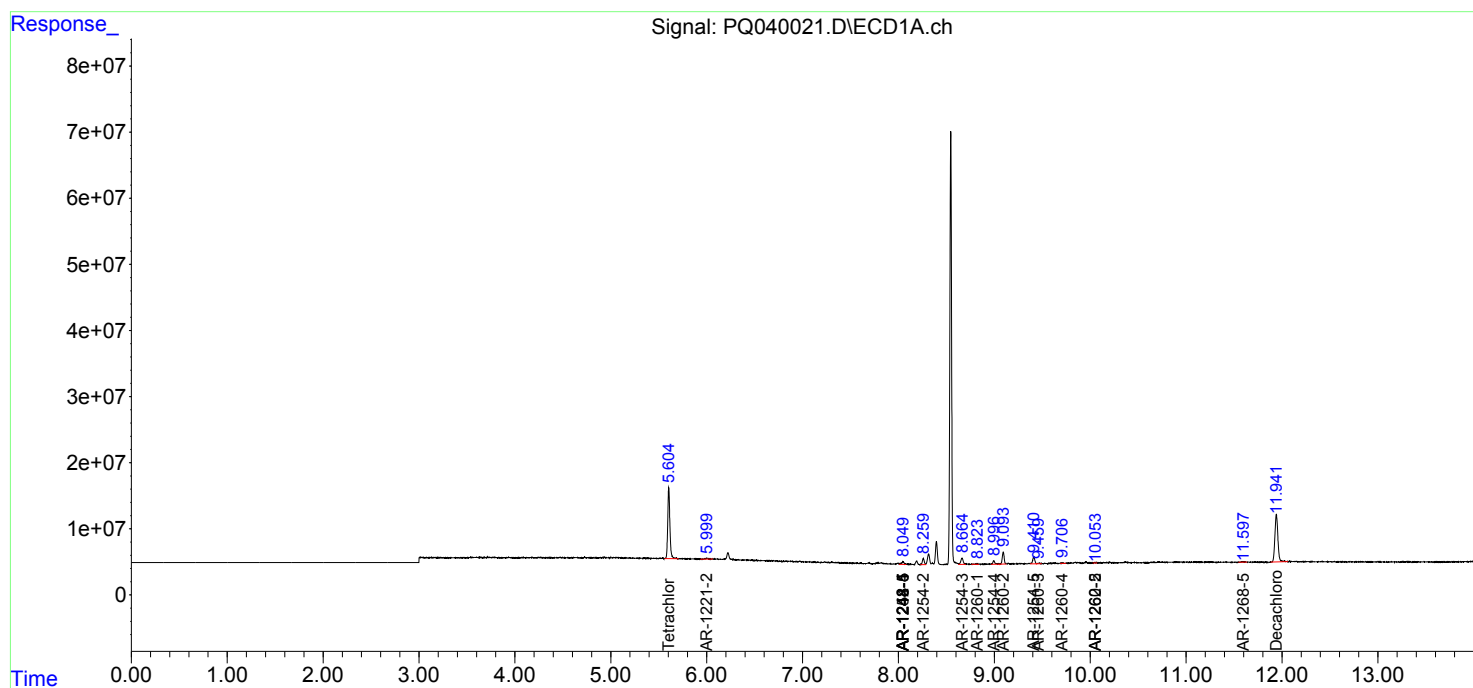
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

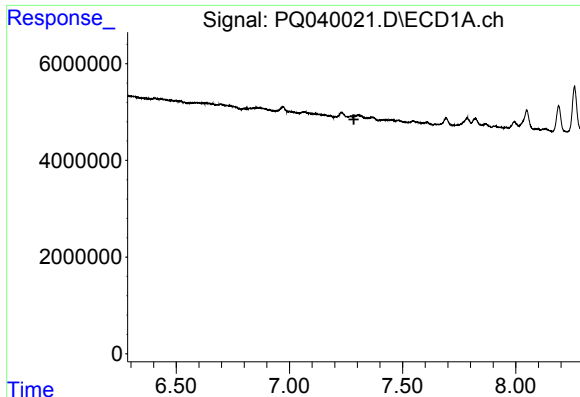
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ052019\  
Data File : PQ040021.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 May 2019 12:50  
Operator : SM\AJ  
Sample : K2947-16  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 21 00:40:26 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ051819CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 18 00:58:45 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

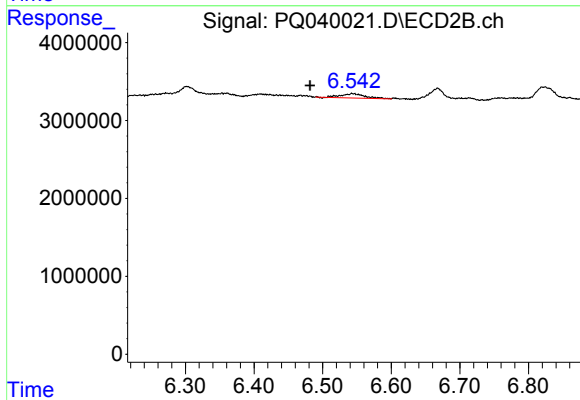




#6 AR-1016-4

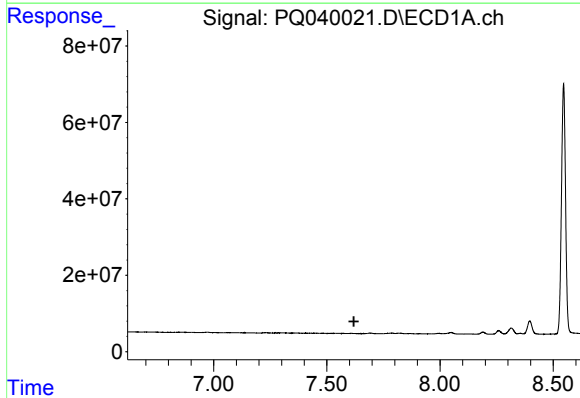
R.T.: 0.000 min  
Exp R.T.: 7.285 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



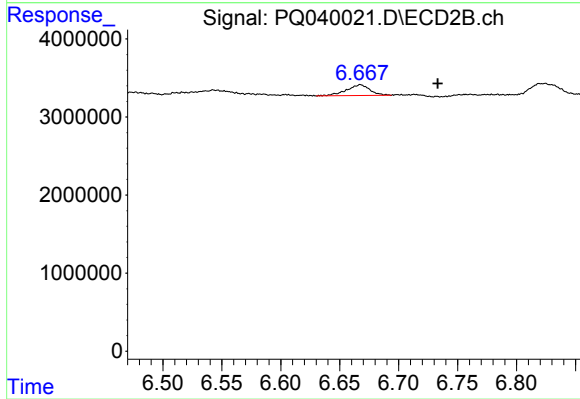
#6 AR-1016-4

R.T.: 6.543 min  
Delta R.T.: 0.061 min  
Response: 1388253  
Conc: 10.72 ng/ml



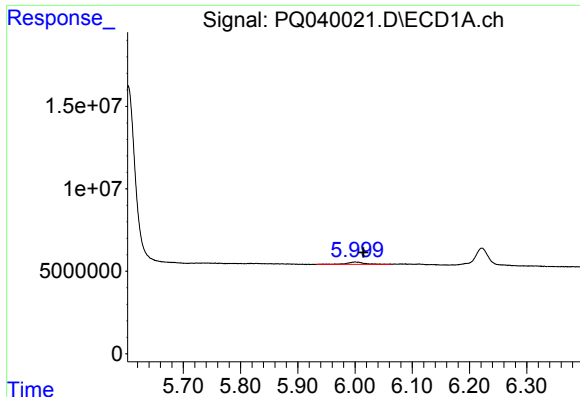
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 7.619 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

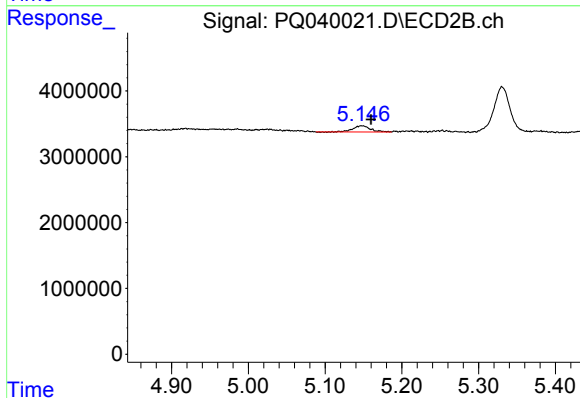
R.T.: 6.668 min  
Delta R.T.: -0.066 min  
Response: 1917444  
Conc: 10.20 ng/ml



#9 AR-1221-2

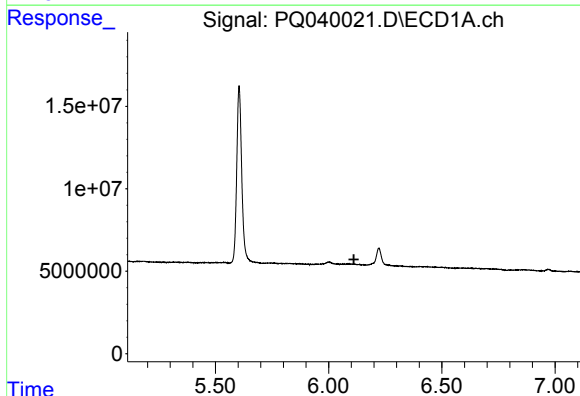
R.T.: 6.000 min  
Delta R.T.: -0.014 min  
Response: 3175768  
Conc: 65.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



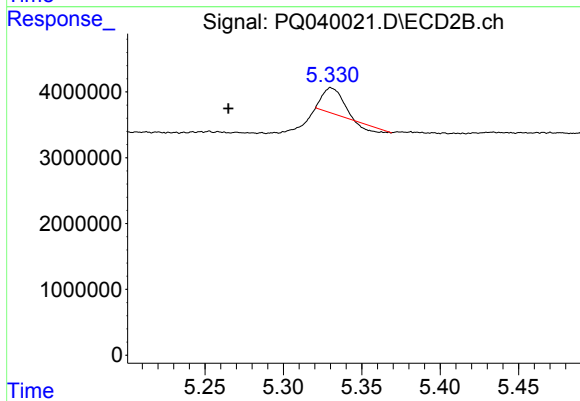
#9 AR-1221-2

R.T.: 5.148 min  
Delta R.T.: -0.012 min  
Response: 1489784  
Conc: 43.65 ng/ml



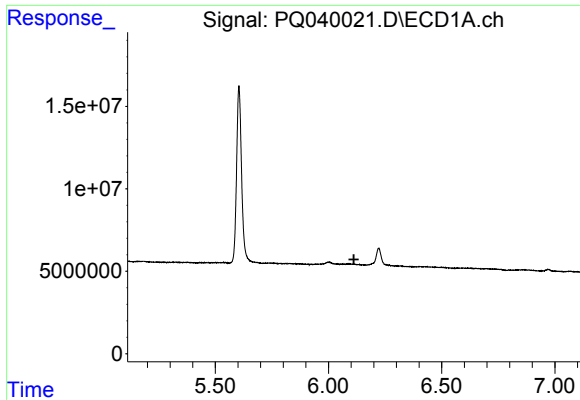
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 6.112 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

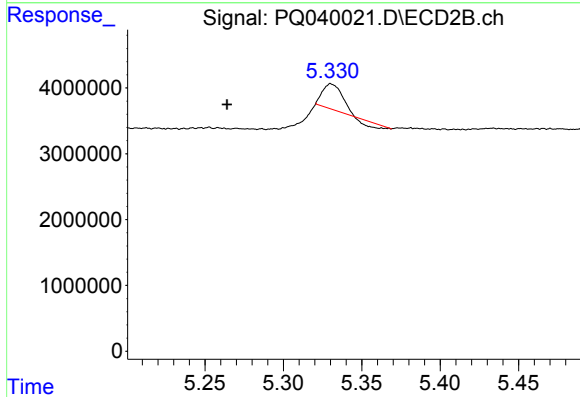
R.T.: 5.331 min  
Delta R.T.: 0.066 min  
Response: 2789994  
Conc: 22.97 ng/ml



#11 AR-1232-1

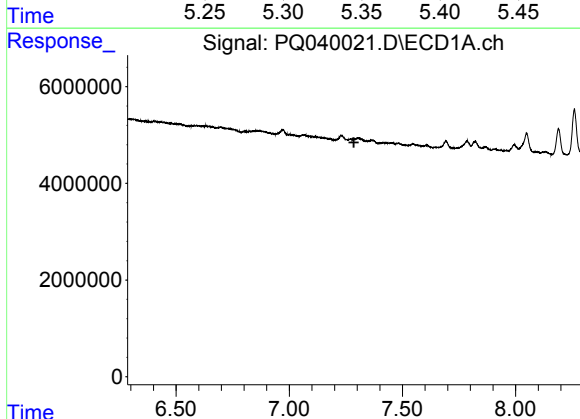
R.T.: 0.000 min  
Exp R.T.: 6.112 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



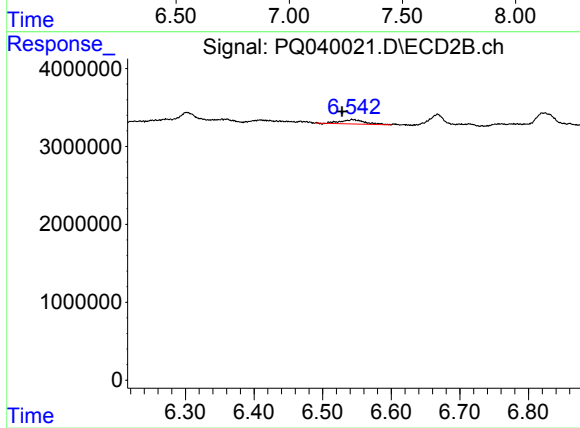
#11 AR-1232-1

R.T.: 5.331 min  
Delta R.T.: 0.066 min  
Response: 2789994  
Conc: 30.06 ng/ml



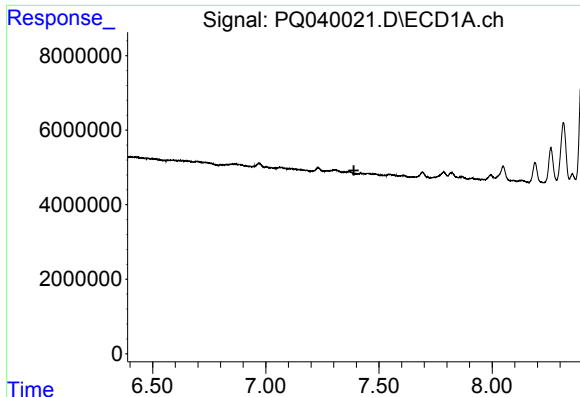
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 7.285 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

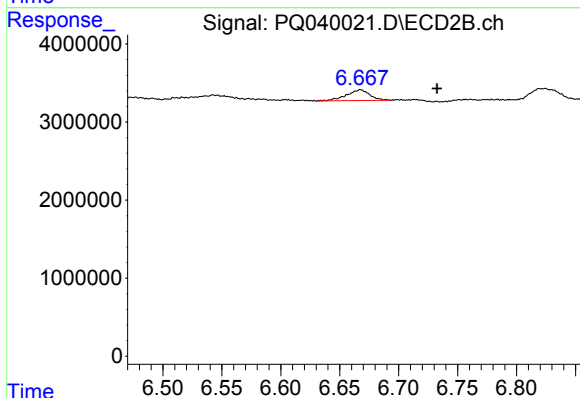
R.T.: 6.543 min  
Delta R.T.: 0.015 min  
Response: 1388253  
Conc: 33.72 ng/ml



#15 AR-1232-5

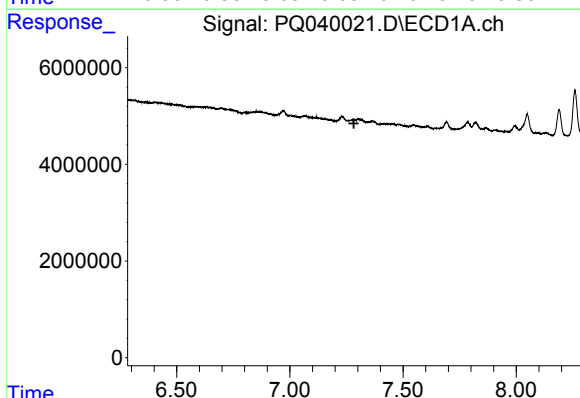
R.T.: 0.000 min  
Exp R.T.: 7.389 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



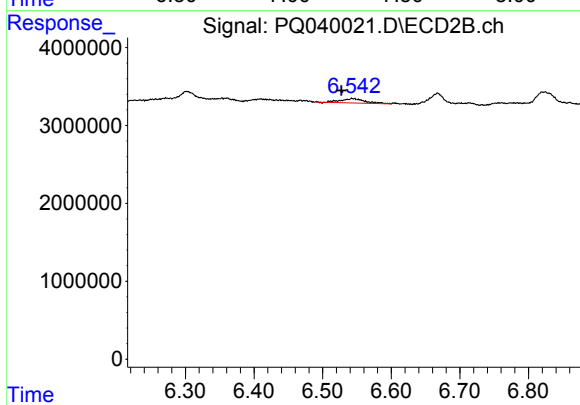
#15 AR-1232-5

R.T.: 6.668 min  
Delta R.T.: -0.065 min  
Response: 1917444  
Conc: 42.65 ng/ml



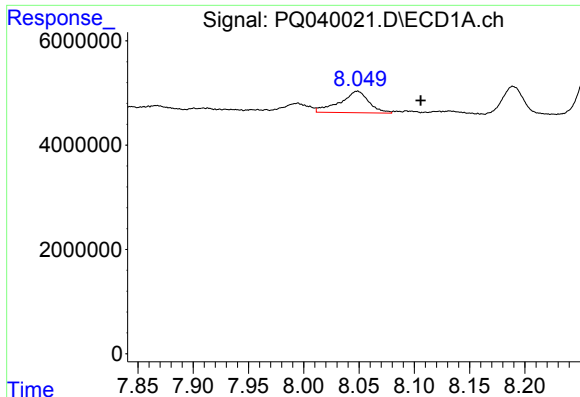
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 7.283 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

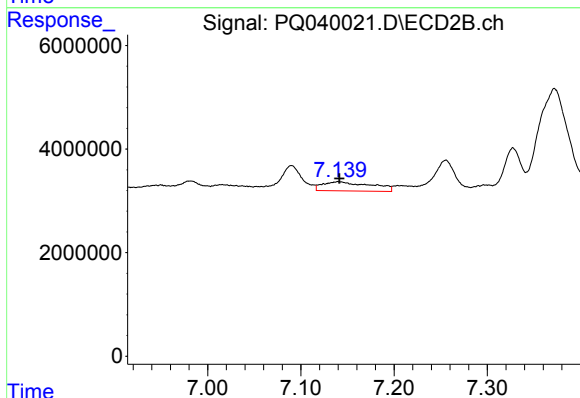
R.T.: 6.543 min  
Delta R.T.: 0.015 min  
Response: 1388253  
Conc: 16.40 ng/ml



#20 AR-1242-5

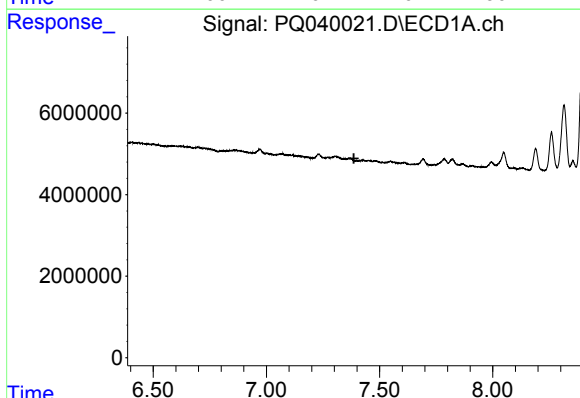
R.T.: 8.048 min  
Delta R.T.: -0.057 min  
Response: 7522688  
Conc: 62.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



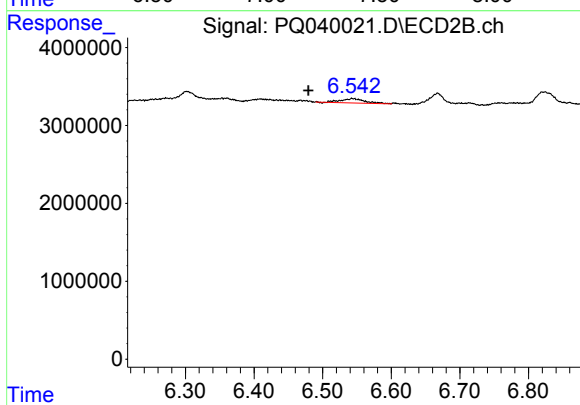
#20 AR-1242-5

R.T.: 7.141 min  
Delta R.T.: 0.000 min  
Response: 6383408  
Conc: 59.54 ng/ml



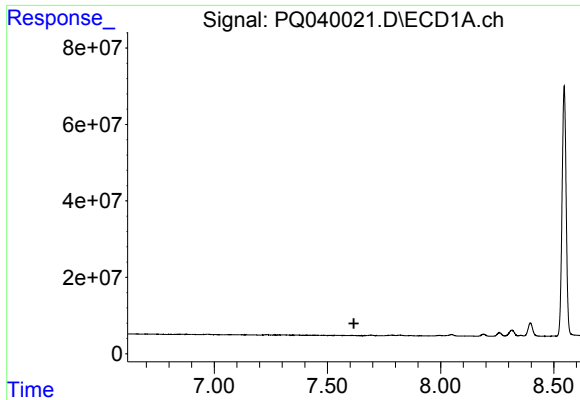
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 7.387 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

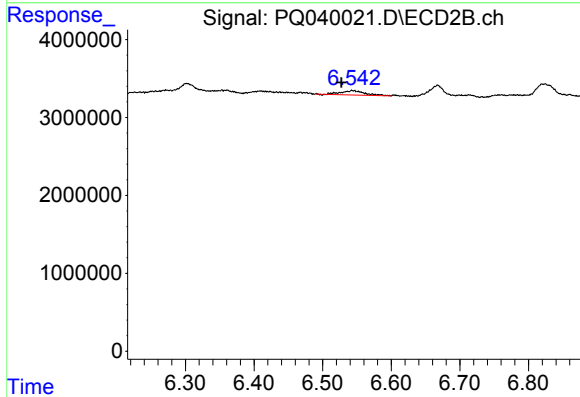
R.T.: 6.543 min  
Delta R.T.: 0.064 min  
Response: 1388253  
Conc: 10.96 ng/ml



#23 AR-1248-3

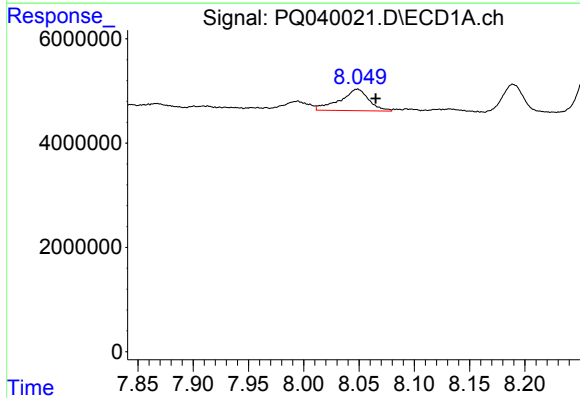
R.T.: 0.000 min  
Exp R.T.: 7.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



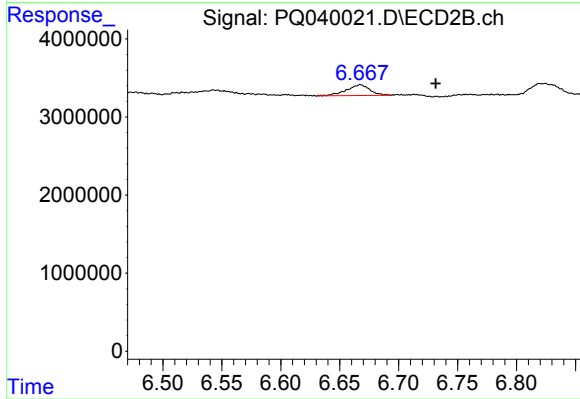
#23 AR-1248-3

R.T.: 6.543 min  
Delta R.T.: 0.015 min  
Response: 1388253  
Conc: 10.47 ng/ml



#24 AR-1248-4

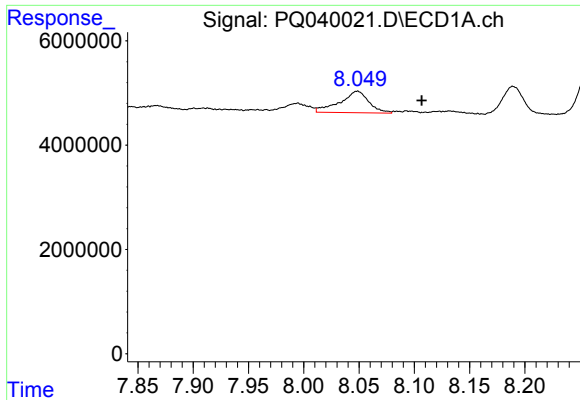
R.T.: 8.048 min  
Delta R.T.: -0.017 min  
Response: 7522688  
Conc: 34.86 ng/ml



#24 AR-1248-4

R.T.: 6.668 min  
Delta R.T.: -0.064 min  
Response: 1917444  
Conc: 11.70 ng/ml

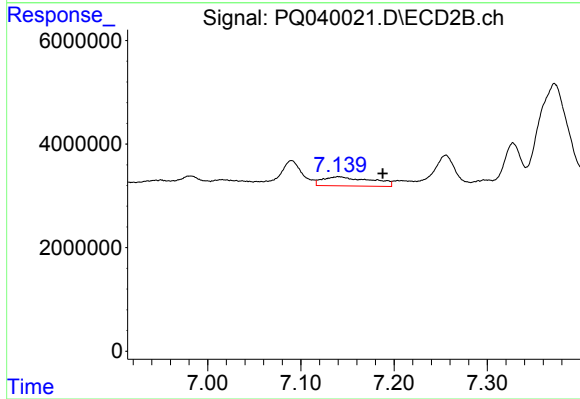




#25 AR-1248-5

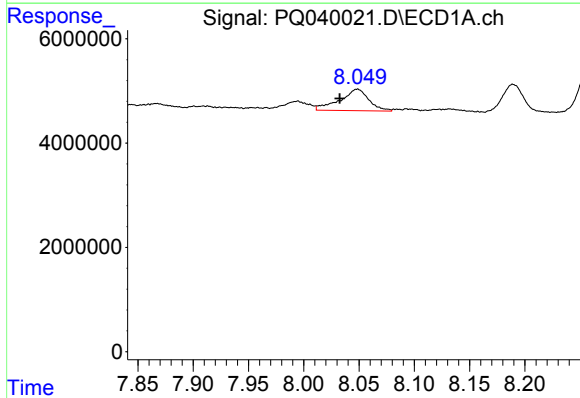
R.T.: 8.048 min  
Delta R.T.: -0.058 min  
Response: 7522688  
Conc: 36.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



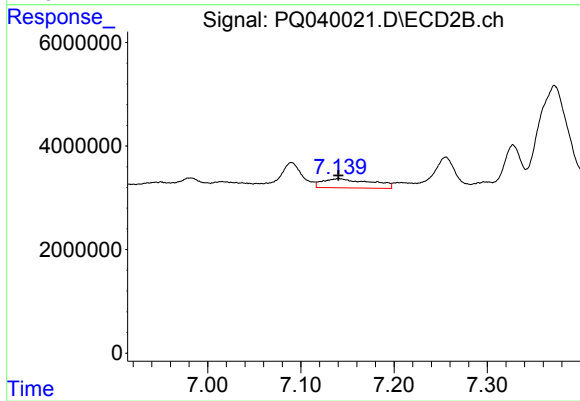
#25 AR-1248-5

R.T.: 7.141 min  
Delta R.T.: -0.047 min  
Response: 6383408  
Conc: 39.39 ng/ml



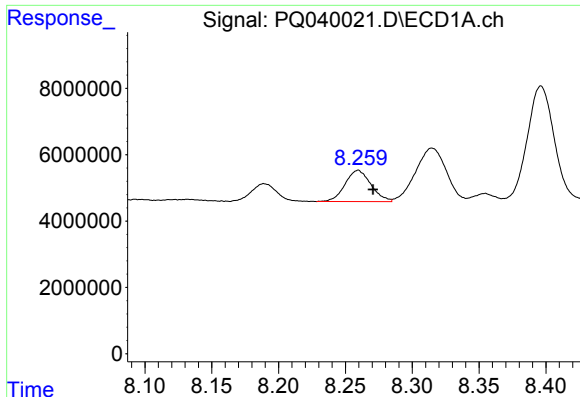
#26 AR-1254-1

R.T.: 8.048 min  
Delta R.T.: 0.016 min  
Response: 7522688  
Conc: 32.59 ng/ml



#26 AR-1254-1

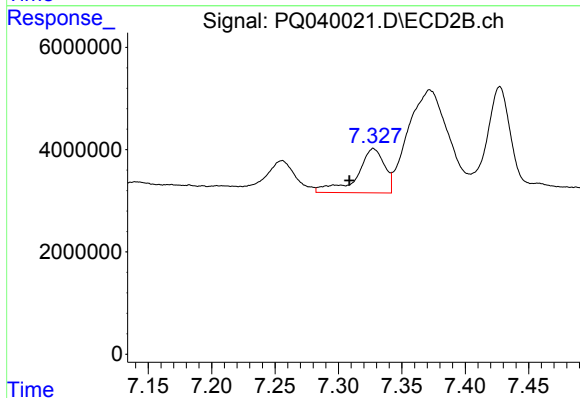
R.T.: 7.141 min  
Delta R.T.: 0.000 min  
Response: 6383408  
Conc: 24.10 ng/ml



#27 AR-1254-2

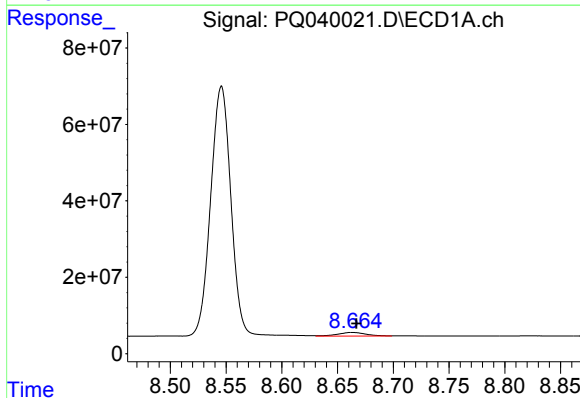
R.T.: 8.259 min  
Delta R.T.: -0.011 min  
Response: 12740820  
Conc: 35.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



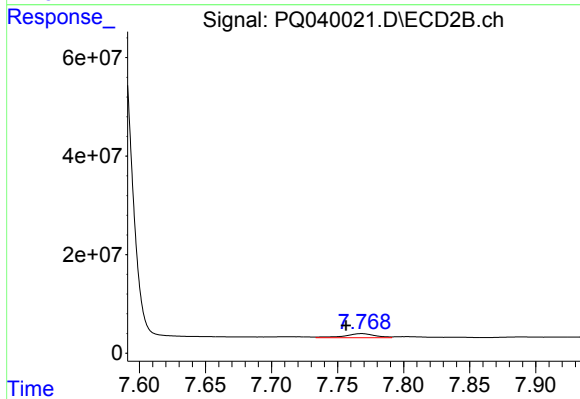
#27 AR-1254-2

R.T.: 7.328 min  
Delta R.T.: 0.019 min  
Response: 13065655  
Conc: 57.23 ng/ml



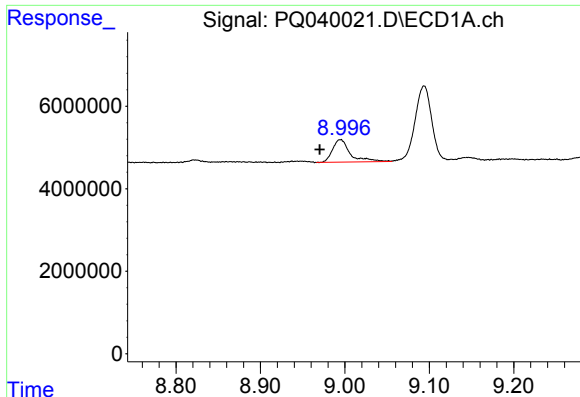
#28 AR-1254-3

R.T.: 8.663 min  
Delta R.T.: -0.004 min  
Response: 16898743  
Conc: 44.51 ng/ml



#28 AR-1254-3

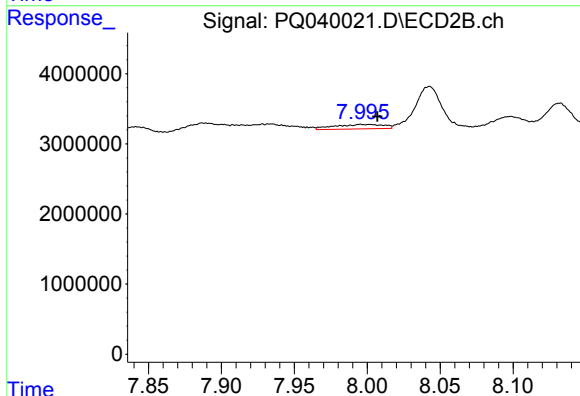
R.T.: 7.768 min  
Delta R.T.: 0.012 min  
Response: 13019158  
Conc: 35.24 ng/ml



#29 AR-1254-4

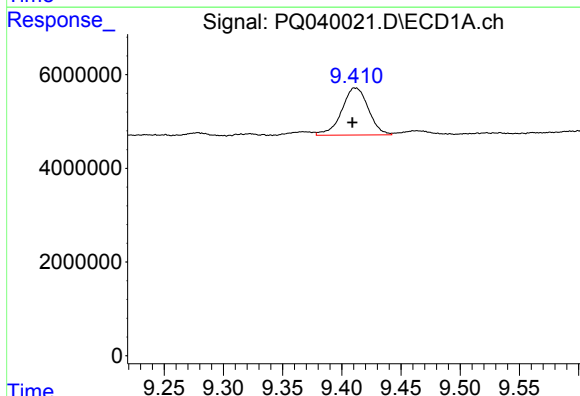
R.T.: 8.995 min  
Delta R.T.: 0.025 min  
Response: 8013870  
Conc: 29.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



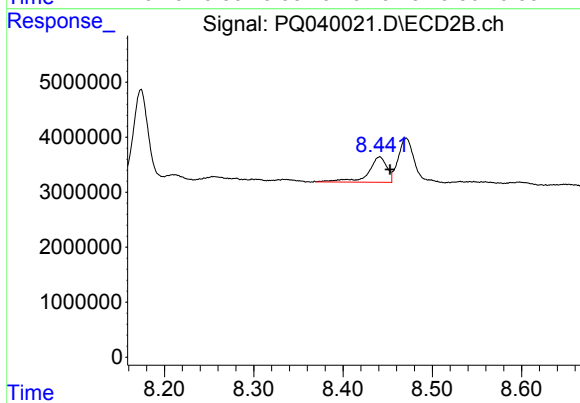
#29 AR-1254-4

R.T.: 7.995 min  
Delta R.T.: -0.012 min  
Response: 1518636  
Conc: 6.62 ng/ml



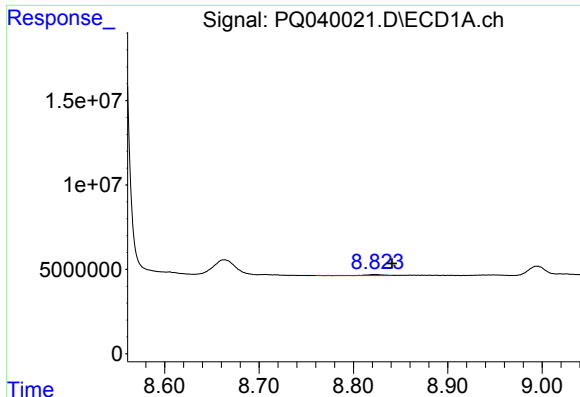
#30 AR-1254-5

R.T.: 9.411 min  
Delta R.T.: 0.003 min  
Response: 15776792  
Conc: 52.50 ng/ml



#30 AR-1254-5

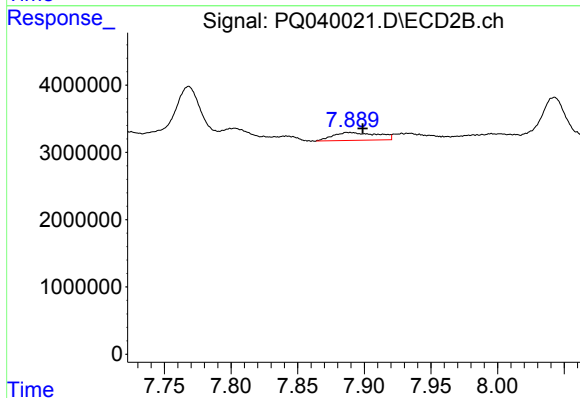
R.T.: 8.441 min  
Delta R.T.: -0.012 min  
Response: 6630758  
Conc: 21.30 ng/ml



#31 AR-1260-1

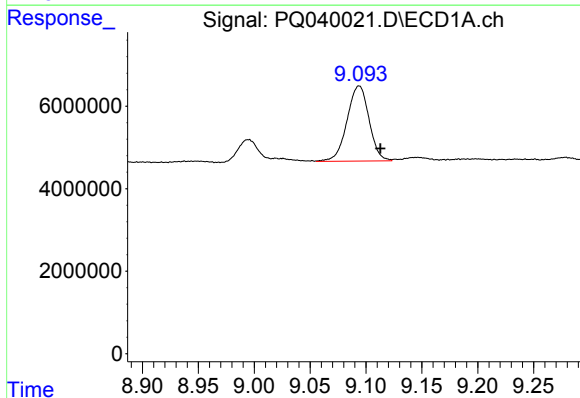
R.T.: 8.822 min  
Delta R.T.: -0.019 min  
Response: 671452  
Conc: 1.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



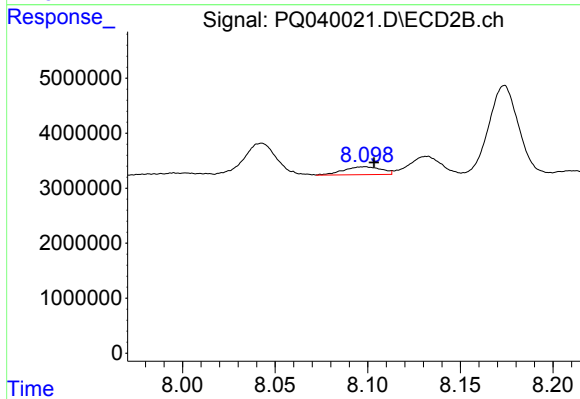
#31 AR-1260-1

R.T.: 7.888 min  
Delta R.T.: -0.011 min  
Response: 2764572  
Conc: 7.50 ng/ml



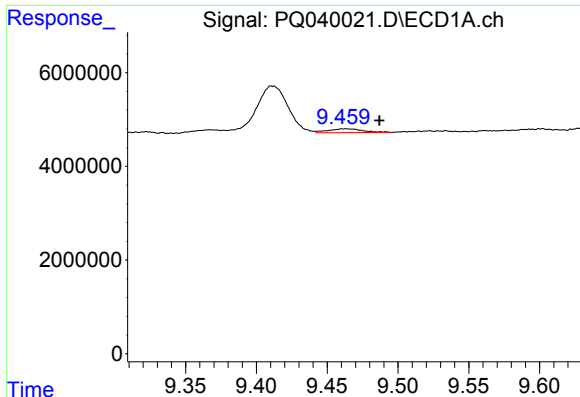
#32 AR-1260-2

R.T.: 9.094 min  
Delta R.T.: -0.019 min  
Response: 25015608  
Conc: 46.55 ng/ml



#32 AR-1260-2

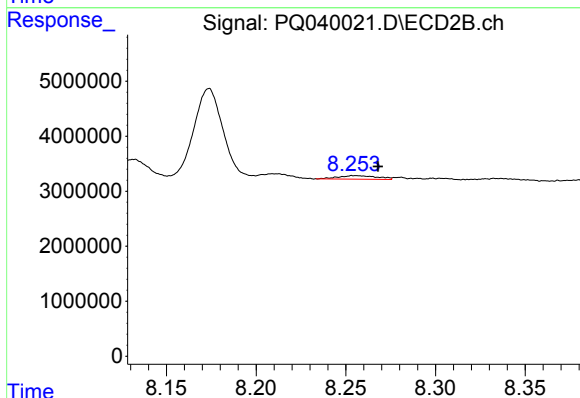
R.T.: 8.098 min  
Delta R.T.: -0.005 min  
Response: 2006031  
Conc: 4.41 ng/ml



#33 AR-1260-3

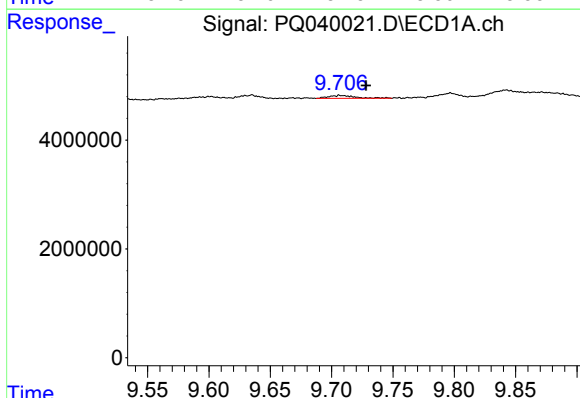
R.T.: 9.463 min  
Delta R.T.: -0.024 min  
Response: 1404748  
Conc: 3.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



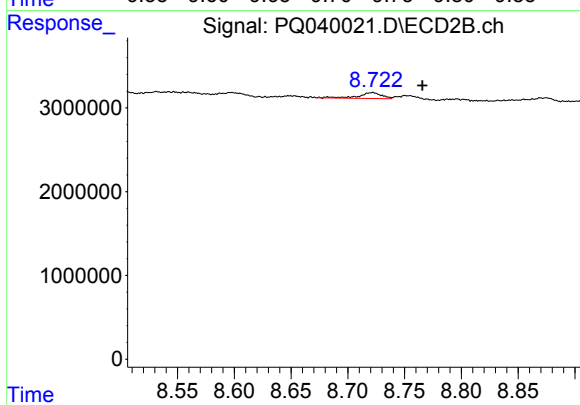
#33 AR-1260-3

R.T.: 8.255 min  
Delta R.T.: -0.013 min  
Response: 946652  
Conc: 2.25 ng/ml



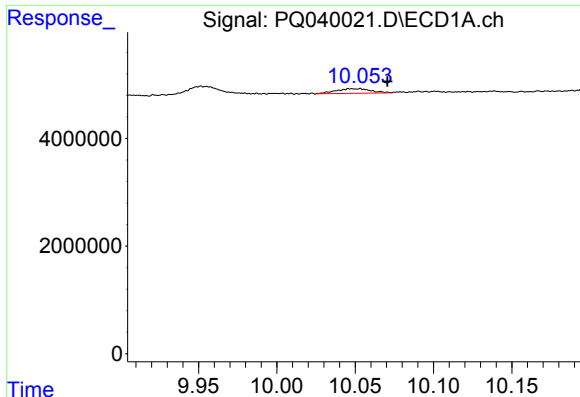
#34 AR-1260-4

R.T.: 9.707 min  
Delta R.T.: -0.021 min  
Response: 822335  
Conc: 1.79 ng/ml



#34 AR-1260-4

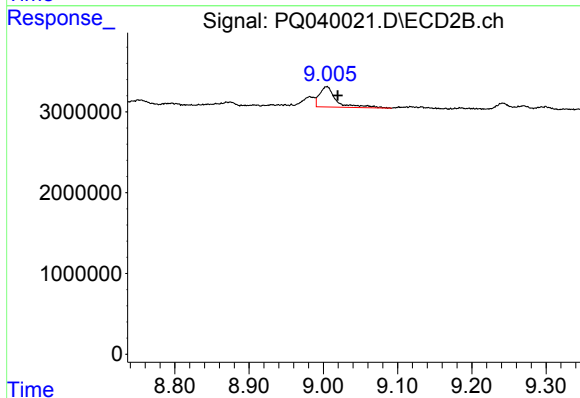
R.T.: 8.722 min  
Delta R.T.: -0.044 min  
Response: 989278  
Conc: 2.99 ng/ml



#35 AR-1260-5

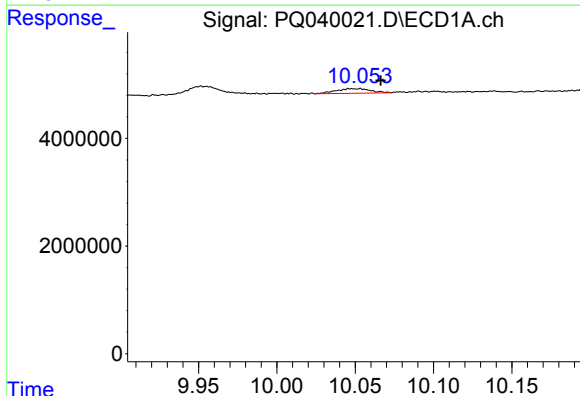
R.T.: 10.053 min  
Delta R.T.: -0.018 min  
Response: 1330083  
Conc: 1.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



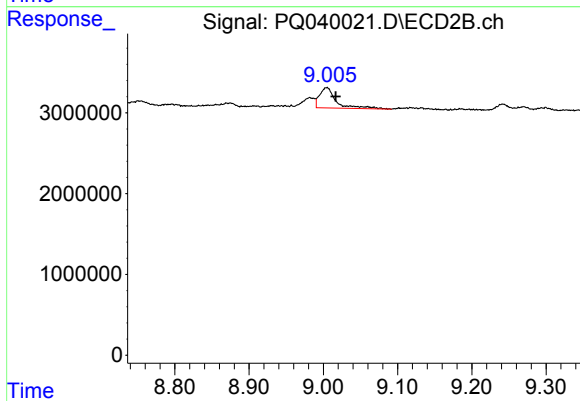
#35 AR-1260-5

R.T.: 9.005 min  
Delta R.T.: -0.015 min  
Response: 3934673  
Conc: 4.80 ng/ml



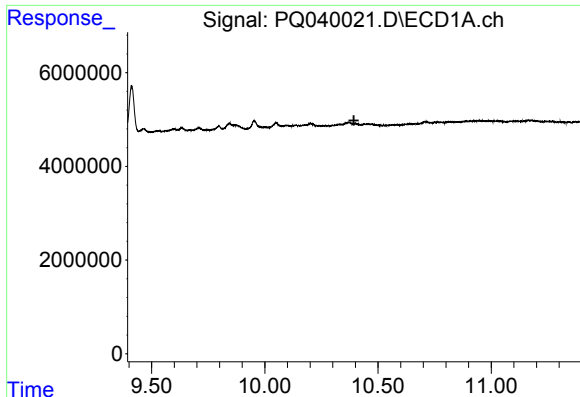
#37 AR-1262-2

R.T.: 10.053 min  
Delta R.T.: -0.013 min  
Response: 1330083  
Conc: 1.97 ng/ml



#37 AR-1262-2

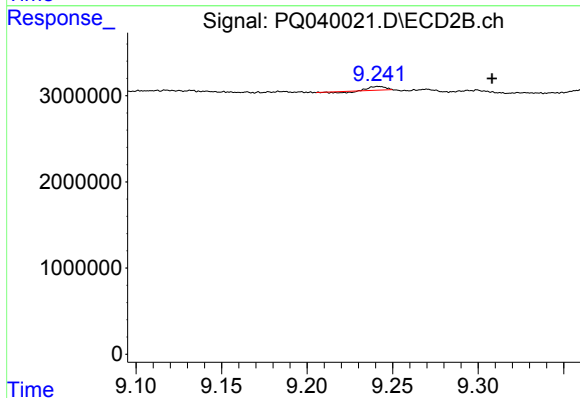
R.T.: 9.005 min  
Delta R.T.: -0.012 min  
Response: 3934673  
Conc: 6.57 ng/ml



#38 AR-1262-3

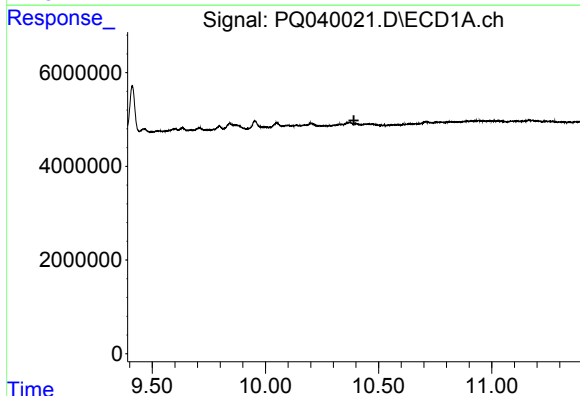
R.T.: 0.000 min  
Exp R.T.: 10.393 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



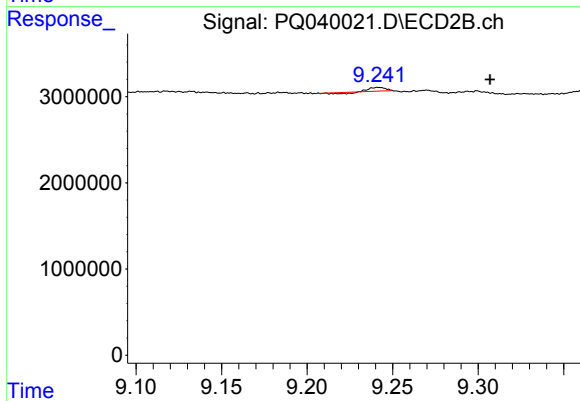
#38 AR-1262-3

R.T.: 9.242 min  
Delta R.T.: -0.066 min  
Response: 213077  
Conc: 0.92 ng/ml



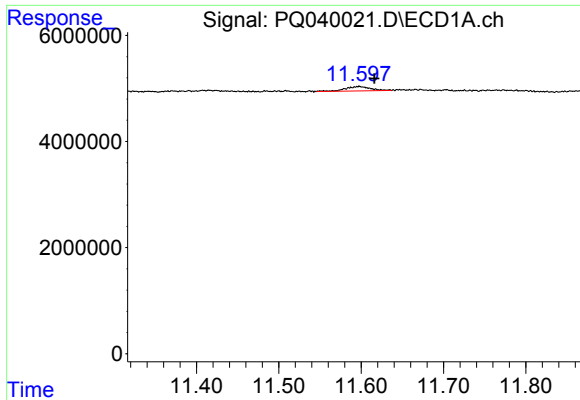
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 10.391 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

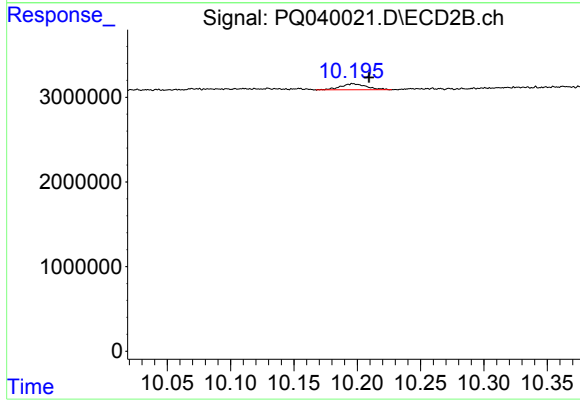
R.T.: 9.242 min  
Delta R.T.: -0.065 min  
Response: 213077  
Conc: 0.21 ng/ml



#45 AR-1268-5

R.T.: 11.597 min  
Delta R.T.: -0.019 min  
Response: 1718939  
Conc: 0.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ETMG1



#45 AR-1268-5

R.T.: 10.197 min  
Delta R.T.: -0.013 min  
Response: 1009149  
Conc: 0.41 ng/ml