

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121924\  
 Data File : PQ069724.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2024 15:45  
 Operator : YP\AJ  
 Sample : P5302-09  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 E2AR9

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 21:06:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121224CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 13 04:43:19 2024  
 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... | 3.417  | 2.788  | 80160738 | 110.6E6 | 15.876 | 16.087   |
| 2)                          | SA Decachlor... | 8.528  | 7.564  | 45046867 | 106.6E6 | 17.926 | 19.591   |
|                             |                 |        |        |          |         |        |          |
| Target Compounds            |                 |        |        |          |         |        |          |
| 6)                          | L1 AR-1016-4    | 4.696  | 0.000  | 2776058  | 0       | 23.497 | N.D. #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.203  | 0        | 2076522 | N.D.   | 10.704 # |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.057f | 0        | 1504689 | N.D.   | 18.176 # |
| 9)                          | L2 AR-1221-2    | 3.691  | 3.057  | 1340676  | 1504689 | 34.055 | 25.925   |
| 10)                         | L2 AR-1221-3    | 3.691f | 3.171f | 1340676  | 973326  | 10.310 | 5.206 #  |
| 11)                         | L3 AR-1232-1    | 3.691f | 3.171f | 1340676  | 973326  | 12.966 | 6.583 #  |
| 12)                         | L3 AR-1232-2    | 4.266  | 0.000  | 2057494  | 0       | 37.647 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 4.696  | 0.000  | 2776058  | 0       | 54.065 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 4.778  | 4.203  | 325687   | 2076522 | 9.133  | 26.758 # |
| 19)                         | L4 AR-1242-4    | 4.696  | 0.000  | 2776058  | 0       | 28.022 | N.D. #   |
| 22)                         | L5 AR-1248-2    | 4.778  | 0.000  | 325687   | 0       | 2.518  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 0.000  | 4.203  | 0        | 2076522 | N.D.   | 8.513 #  |
| 29)                         | L6 AR-1254-4    | 6.219f | 0.000  | 3795446  | 0       | 19.152 | N.D. #   |
| 30)                         | L6 AR-1254-5    | 0.000  | 5.705  | 0        | 3967829 | N.D.   | 8.449 #  |
| 31)                         | L7 AR-1260-1    | 5.983f | 0.000  | 1578037  | 0       | 7.525  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 6.369f | 5.399  | 1366798  | 1394143 | 5.540  | 3.277 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 5.553  | 0        | 852578  | N.D.   | 2.094 #  |
| 34)                         | L7 AR-1260-4    | 6.816f | 0.000  | 1138383  | 0       | 5.652  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 7.214f | 6.304f | 4351183  | 2689478 | 11.040 | 3.329 #  |
| 36)                         | L8 AR-1262-1    | 6.816f | 5.705f | 1138383  | 3967829 | 4.501  | 8.074 #  |
| 37)                         | L8 AR-1262-2    | 7.214f | 0.000  | 4351183  | 0       | 9.685  | N.D. #   |
| 40)                         | L8 AR-1262-5    | 7.981  | 0.000  | 84511    | 0       | 0.601  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 7.981  | 0.000  | 84511    | 0       | 0.538  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 8.301  | 7.347  | 568522   | 2525775 | 0.486  | 1.067 #  |
| -----                       |                 |        |        |          |         |        |          |

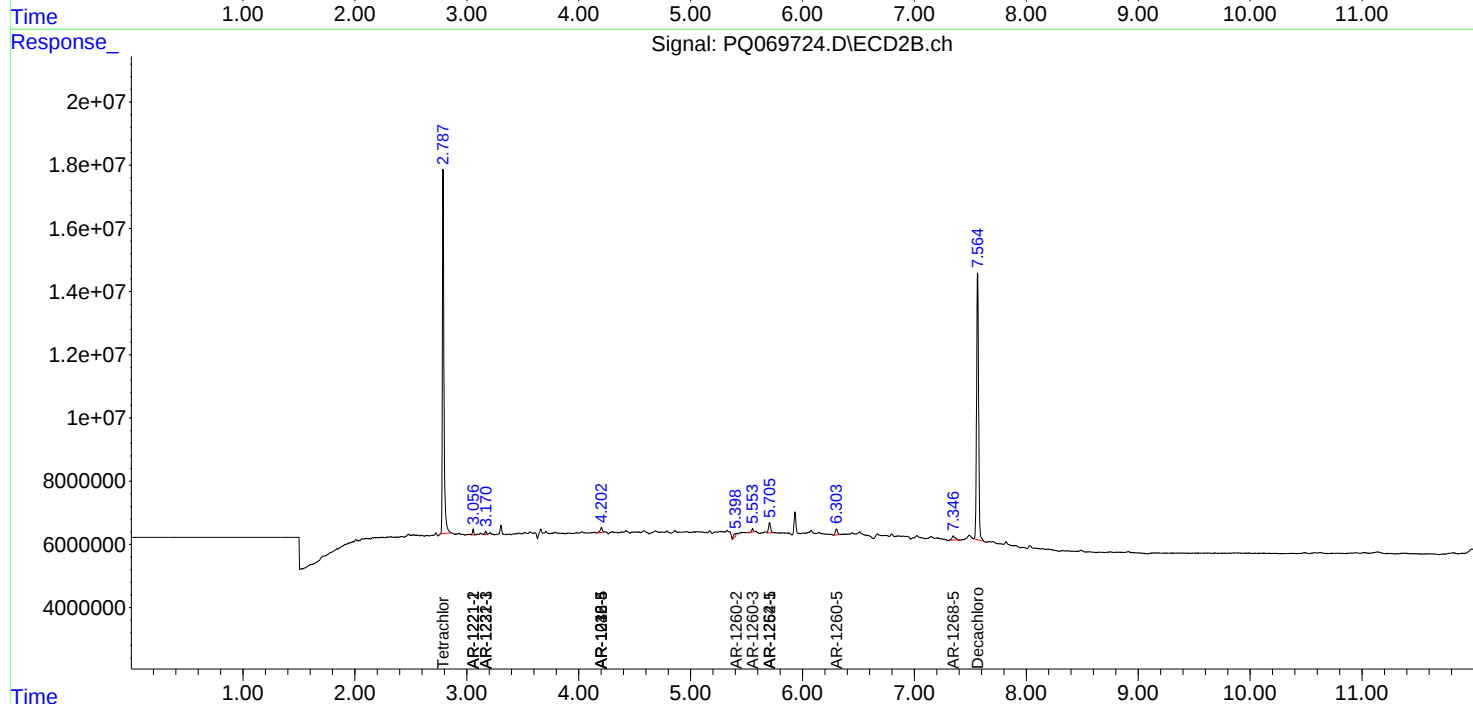
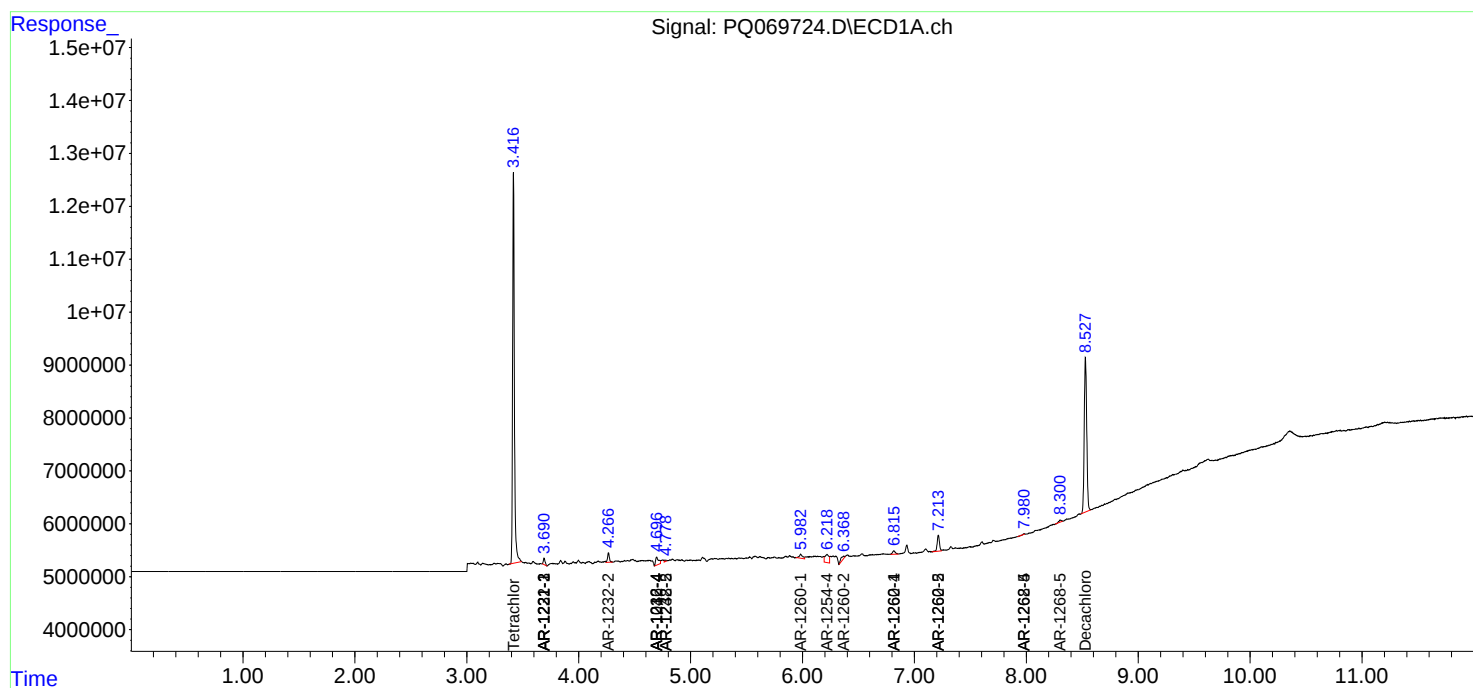
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

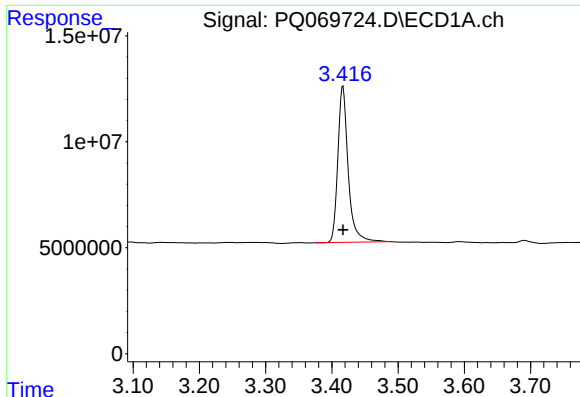
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121924\  
Data File : PQ069724.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Dec 2024 15:45  
Operator : YP\AJ  
Sample : P5302-09  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 21:06:47 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121224CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 13 04:43:19 2024  
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

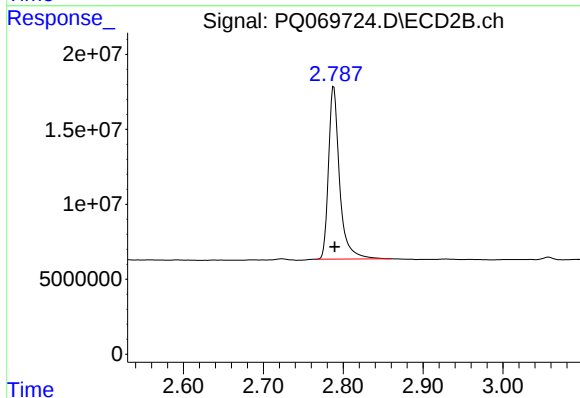




#1 Tetrachloro-m-xylene

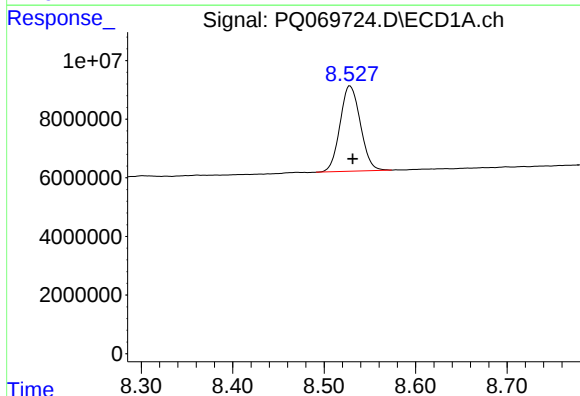
R.T.: 3.417 min  
Delta R.T.: 0.000 min  
Response: 80160738  
Conc: 15.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



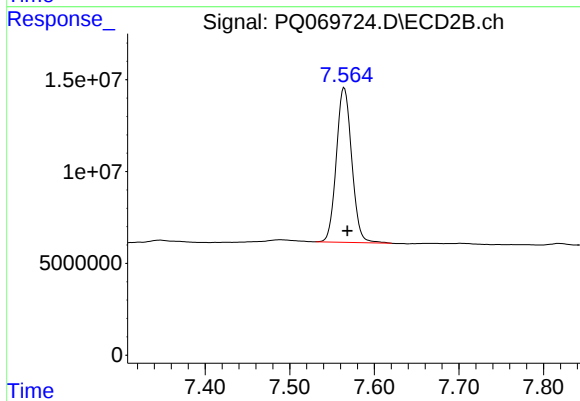
#1 Tetrachloro-m-xylene

R.T.: 2.788 min  
Delta R.T.: -0.001 min  
Response: 110595277  
Conc: 16.09 ng/ml



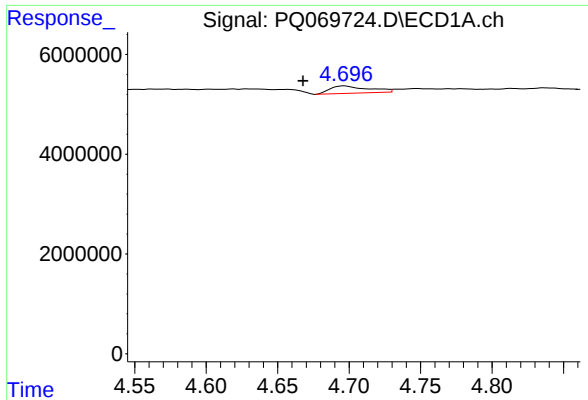
#2 Decachlorobiphenyl

R.T.: 8.528 min  
Delta R.T.: -0.003 min  
Response: 45046867  
Conc: 17.93 ng/ml



#2 Decachlorobiphenyl

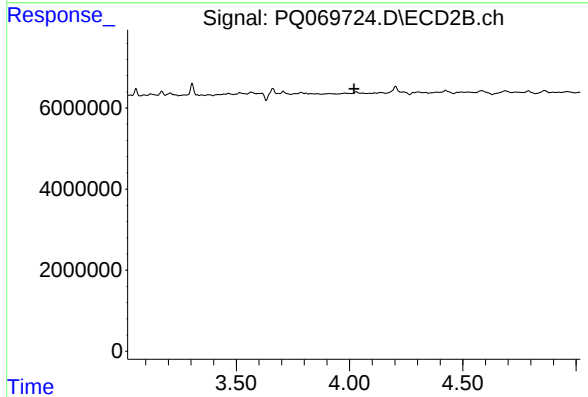
R.T.: 7.564 min  
Delta R.T.: -0.004 min  
Response: 106552653  
Conc: 19.59 ng/ml



#6 AR-1016-4

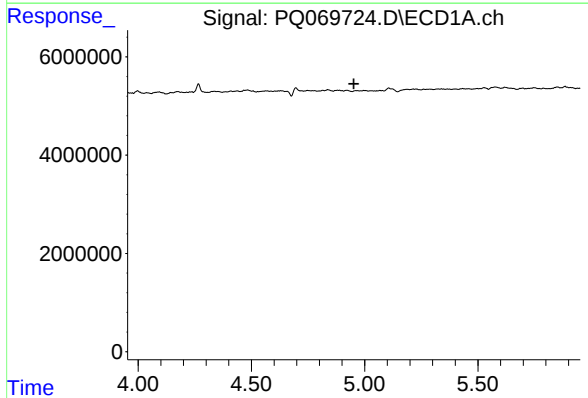
R.T.: 4.696 min  
Delta R.T.: 0.029 min  
Response: 2776058  
Conc: 23.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



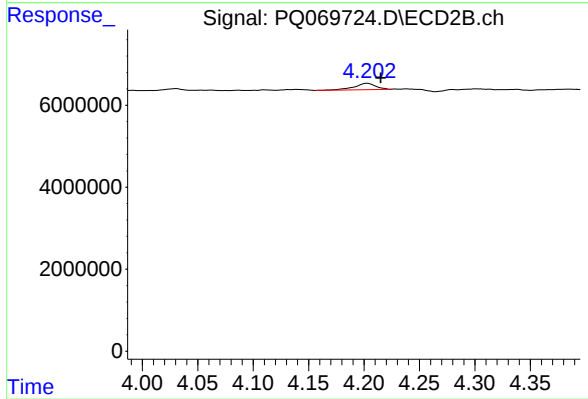
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 4.020 min  
Response: 0  
Conc: N.D.



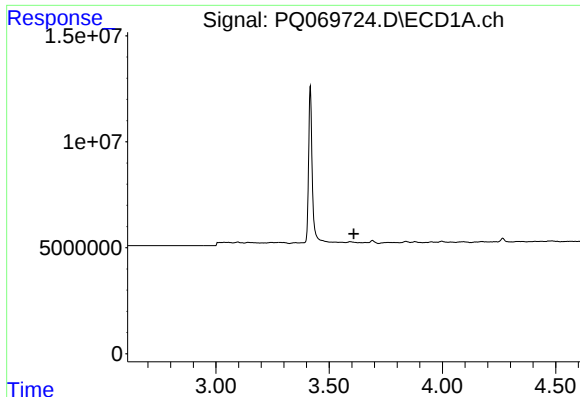
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 4.952 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

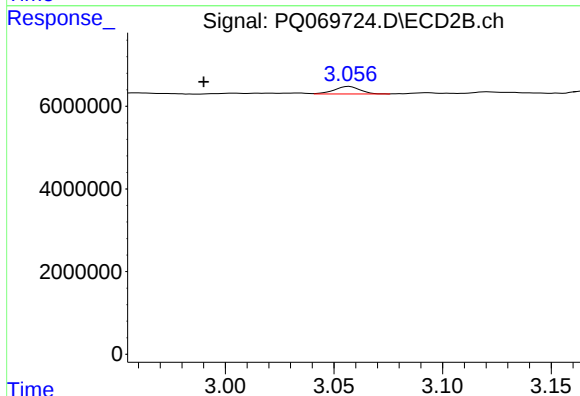
R.T.: 4.203 min  
Delta R.T.: -0.012 min  
Response: 2076522  
Conc: 10.70 ng/ml



#8 AR-1221-1

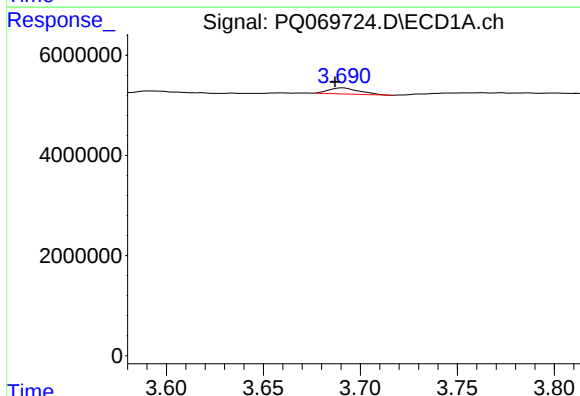
R.T.: 0.000 min  
Exp R.T.: 3.609 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



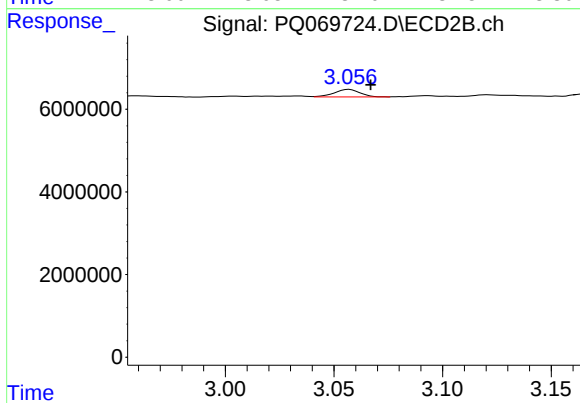
#8 AR-1221-1

R.T.: 3.057 min  
Delta R.T.: 0.067 min  
Response: 1504689  
Conc: 18.18 ng/ml



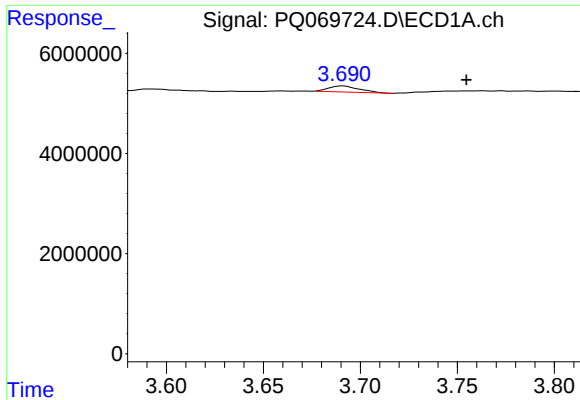
#9 AR-1221-2

R.T.: 3.691 min  
Delta R.T.: 0.004 min  
Response: 1340676  
Conc: 34.05 ng/ml



#9 AR-1221-2

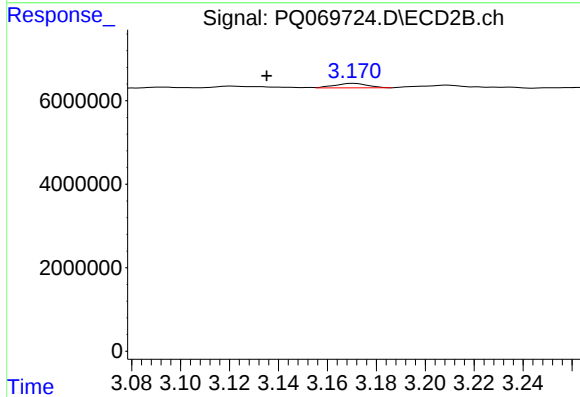
R.T.: 3.057 min  
Delta R.T.: -0.010 min  
Response: 1504689  
Conc: 25.92 ng/ml



#10 AR-1221-3

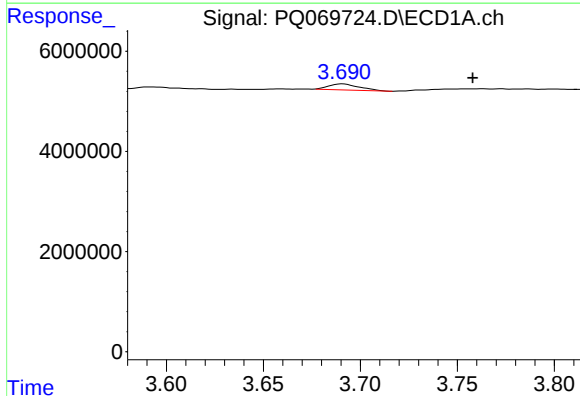
R.T.: 3.691 min  
Delta R.T.: -0.064 min  
Response: 1340676  
Conc: 10.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



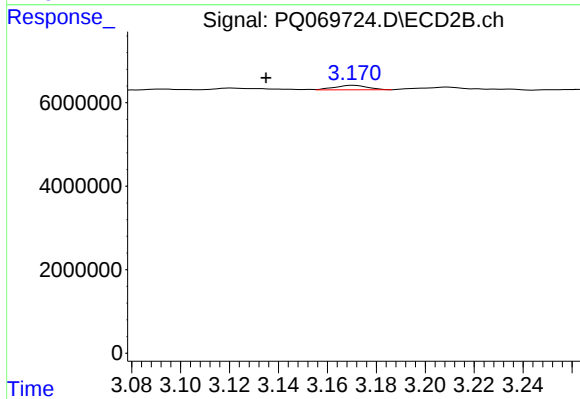
#10 AR-1221-3

R.T.: 3.171 min  
Delta R.T.: 0.036 min  
Response: 973326  
Conc: 5.21 ng/ml



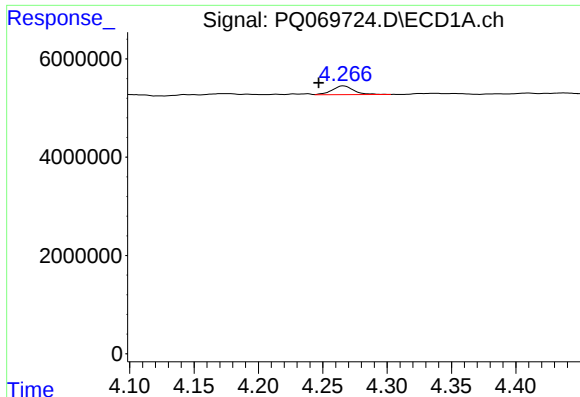
#11 AR-1232-1

R.T.: 3.691 min  
Delta R.T.: -0.067 min  
Response: 1340676  
Conc: 12.97 ng/ml



#11 AR-1232-1

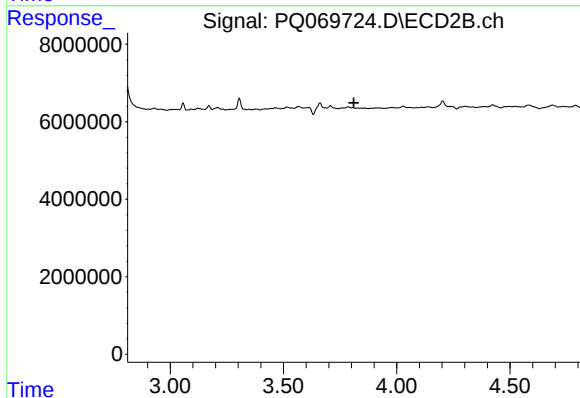
R.T.: 3.171 min  
Delta R.T.: 0.036 min  
Response: 973326  
Conc: 6.58 ng/ml



#12 AR-1232-2

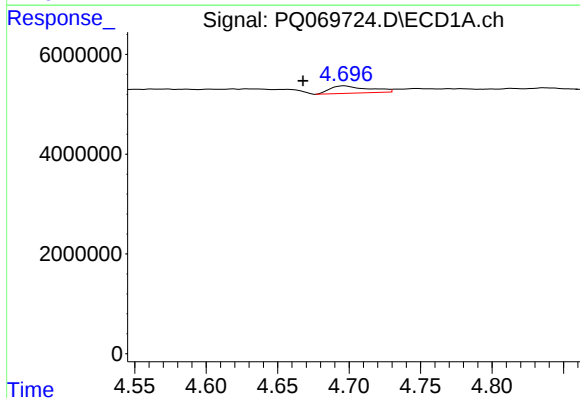
R.T.: 4.266 min  
Delta R.T.: 0.019 min  
Response: 2057494  
Conc: 37.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



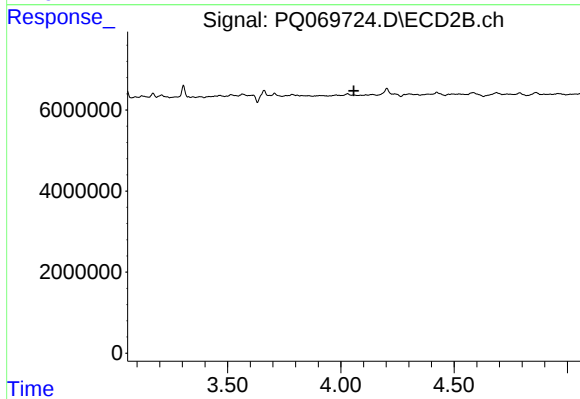
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 3.811 min  
Response: 0  
Conc: N.D.



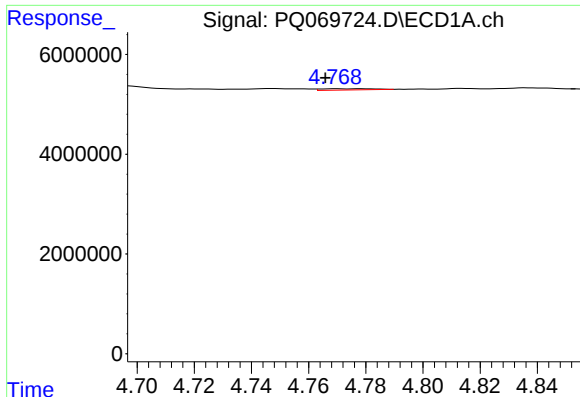
#14 AR-1232-4

R.T.: 4.696 min  
Delta R.T.: 0.029 min  
Response: 2776058  
Conc: 54.07 ng/ml



#14 AR-1232-4

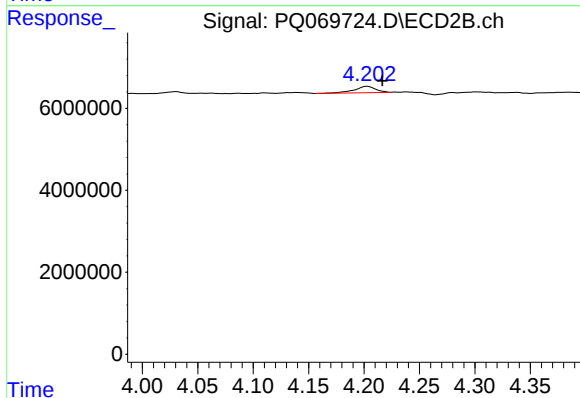
R.T.: 0.000 min  
Exp R.T. : 4.058 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

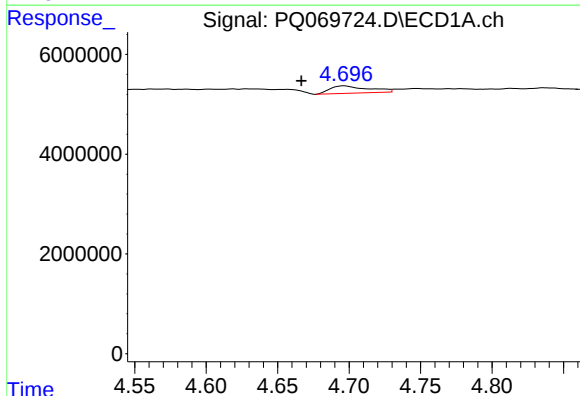
R.T.: 4.778 min  
Delta R.T.: 0.012 min  
Response: 325687  
Conc: 9.13 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



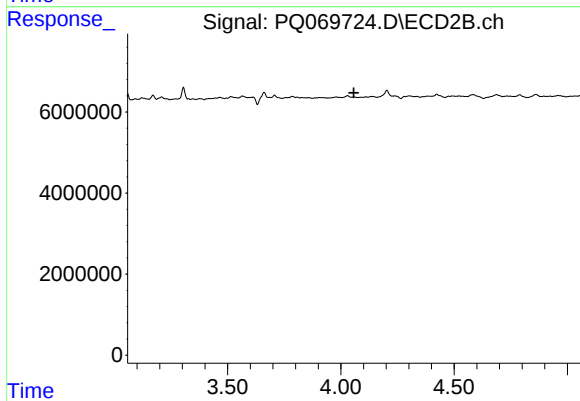
#15 AR-1232-5

R.T.: 4.203 min  
Delta R.T.: -0.014 min  
Response: 2076522  
Conc: 26.76 ng/ml



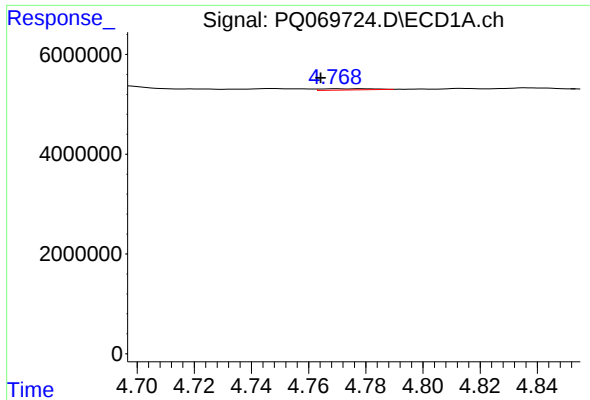
#19 AR-1242-4

R.T.: 4.696 min  
Delta R.T.: 0.030 min  
Response: 2776058  
Conc: 28.02 ng/ml



#19 AR-1242-4

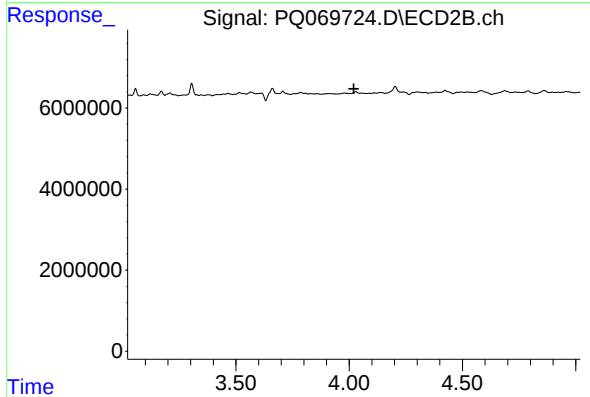
R.T.: 0.000 min  
Exp R.T.: 4.057 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

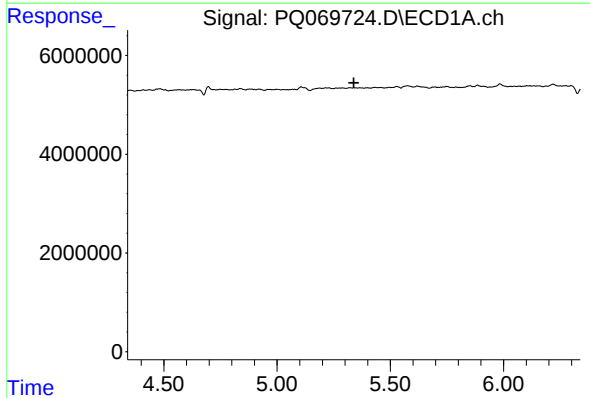
R.T.: 4.778 min  
Delta R.T.: 0.014 min  
Response: 325687  
Conc: 2.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



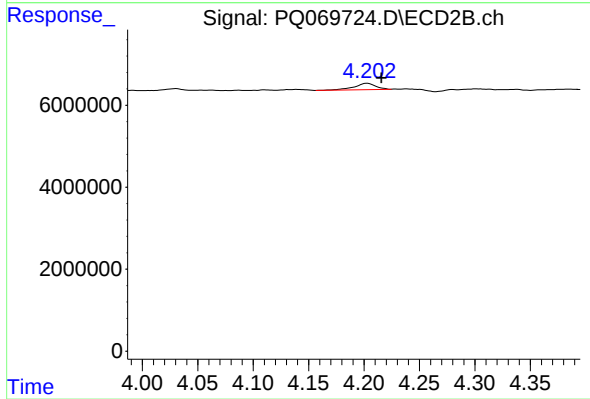
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 4.020 min  
Response: 0  
Conc: N.D.



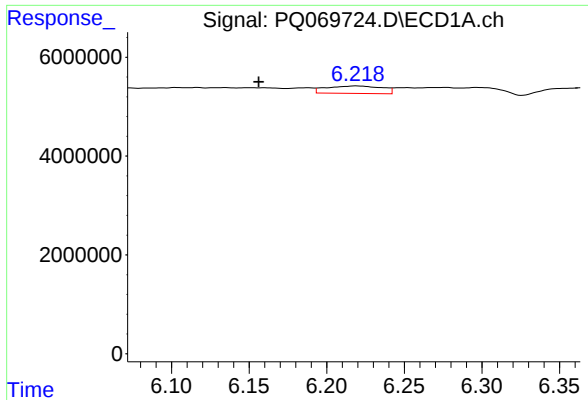
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.339 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

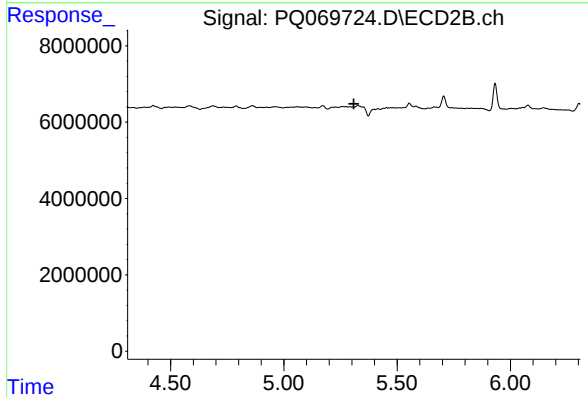
R.T.: 4.203 min  
Delta R.T.: -0.013 min  
Response: 2076522  
Conc: 8.51 ng/ml



#29 AR-1254-4

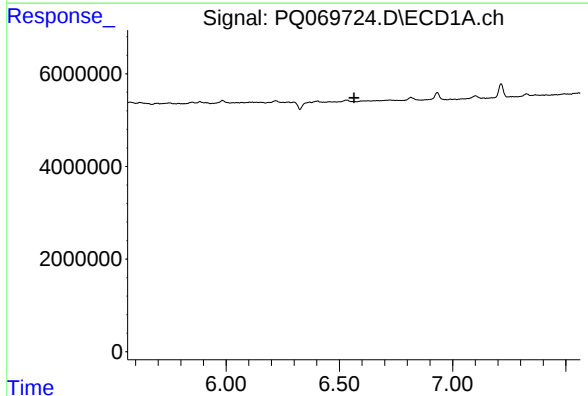
R.T.: 6.219 min  
Delta R.T.: 0.063 min  
Response: 3795446  
Conc: 19.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



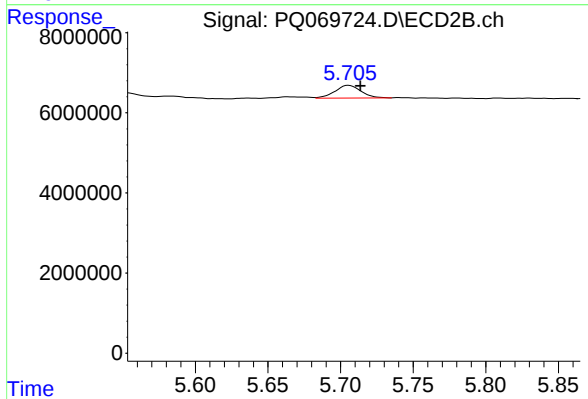
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 5.309 min  
Response: 0  
Conc: N.D.



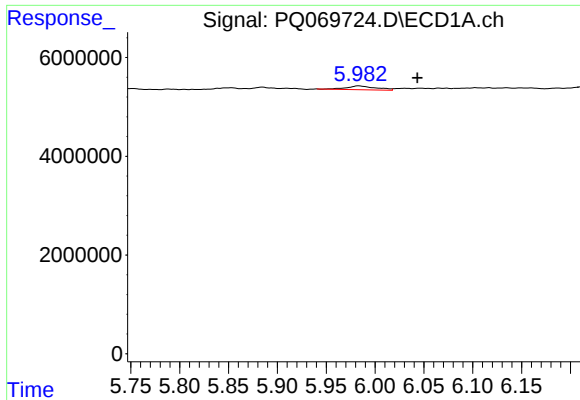
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.565 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

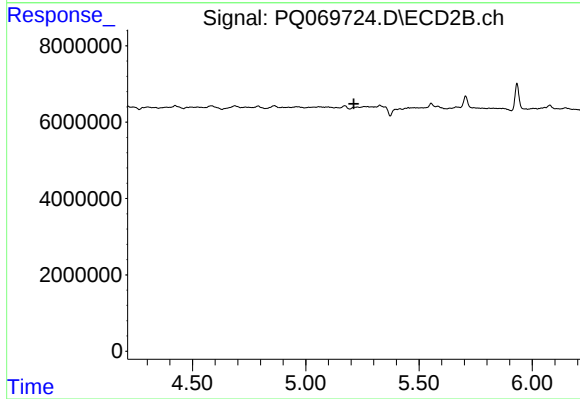
R.T.: 5.705 min  
Delta R.T.: -0.008 min  
Response: 3967829  
Conc: 8.45 ng/ml



#31 AR-1260-1

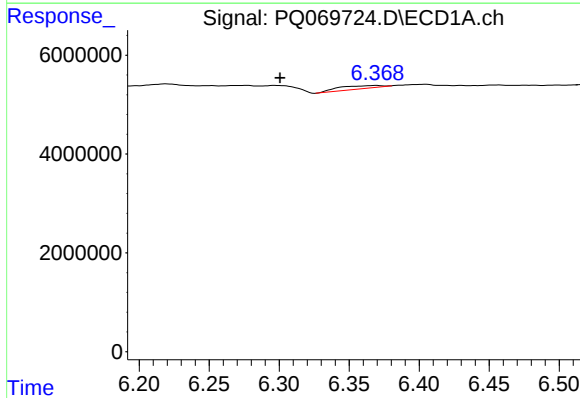
R.T.: 5.983 min  
Delta R.T.: -0.060 min  
Response: 1578037  
Conc: 7.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



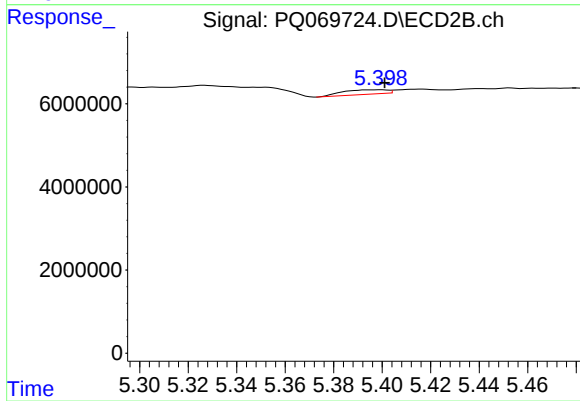
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 5.212 min  
Response: 0  
Conc: N.D.



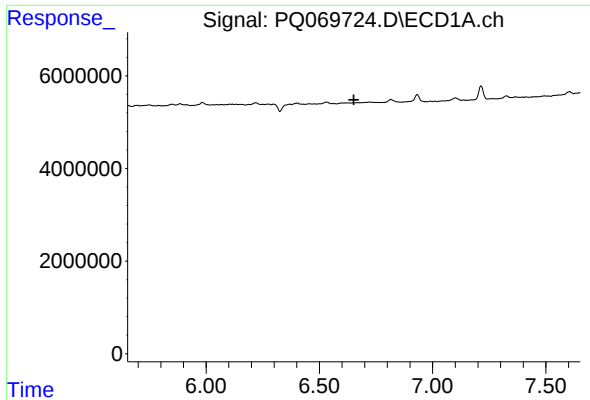
#32 AR-1260-2

R.T.: 6.369 min  
Delta R.T.: 0.069 min  
Response: 1366798  
Conc: 5.54 ng/ml



#32 AR-1260-2

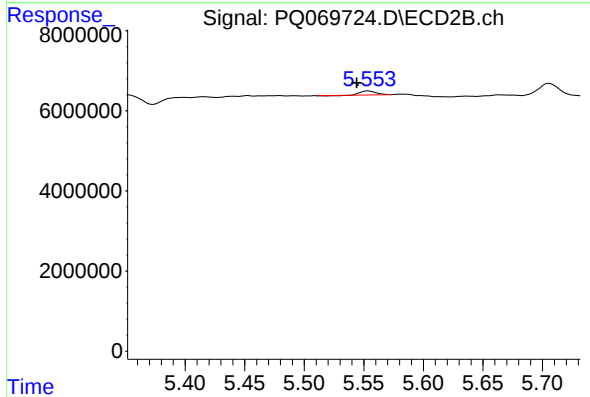
R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 1394143  
Conc: 3.28 ng/ml



#33 AR-1260-3

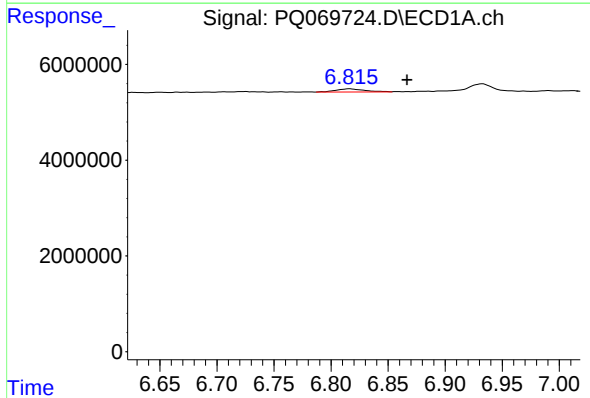
R.T.: 0.000 min  
Exp R.T.: 6.652 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



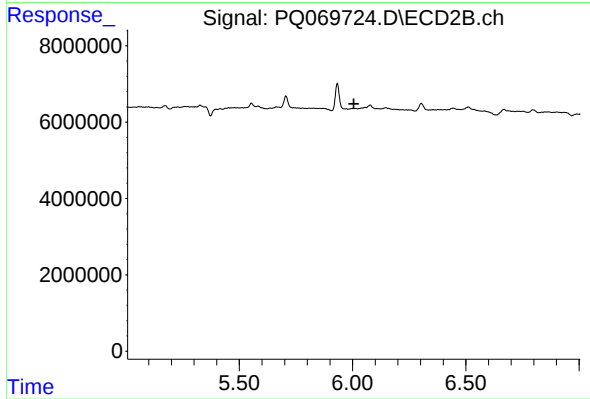
#33 AR-1260-3

R.T.: 5.553 min  
Delta R.T.: 0.009 min  
Response: 852578  
Conc: 2.09 ng/ml



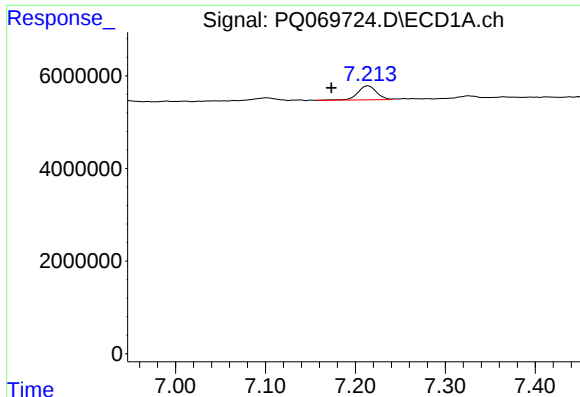
#34 AR-1260-4

R.T.: 6.816 min  
Delta R.T.: -0.051 min  
Response: 1138383  
Conc: 5.65 ng/ml



#34 AR-1260-4

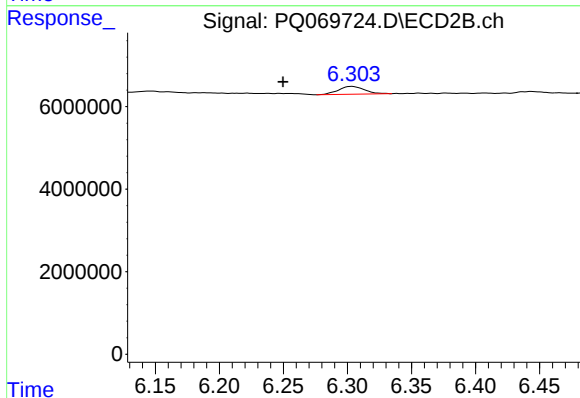
R.T.: 0.000 min  
Exp R.T.: 6.005 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

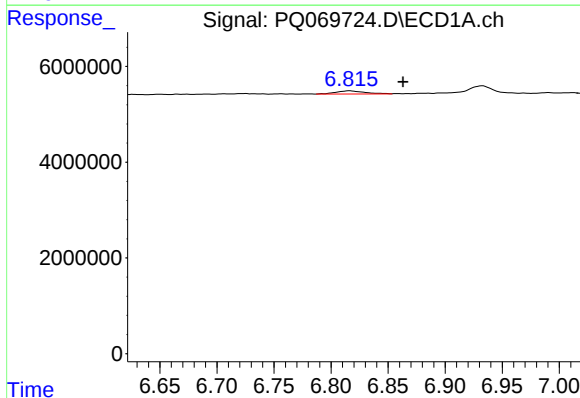
R.T.: 7.214 min  
Delta R.T.: 0.040 min  
Response: 4351183  
Conc: 11.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



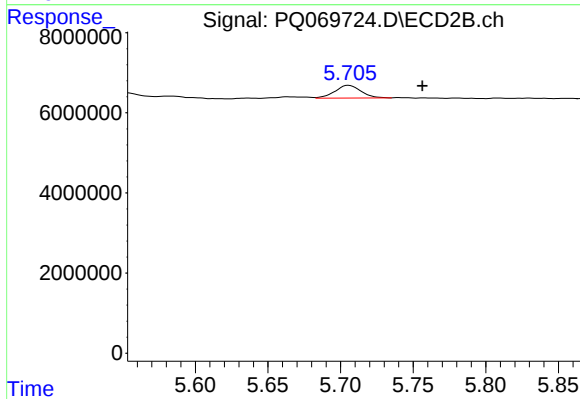
#35 AR-1260-5

R.T.: 6.304 min  
Delta R.T.: 0.054 min  
Response: 2689478  
Conc: 3.33 ng/ml



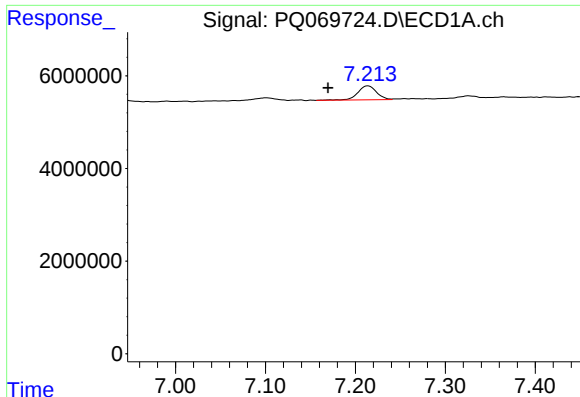
#36 AR-1262-1

R.T.: 6.816 min  
Delta R.T.: -0.047 min  
Response: 1138383  
Conc: 4.50 ng/ml



#36 AR-1262-1

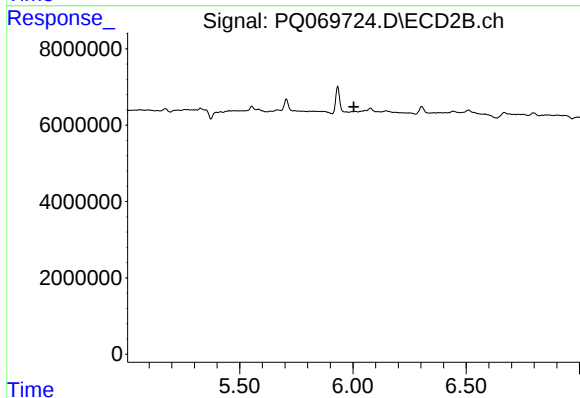
R.T.: 5.705 min  
Delta R.T.: -0.051 min  
Response: 3967829  
Conc: 8.07 ng/ml



#37 AR-1262-2

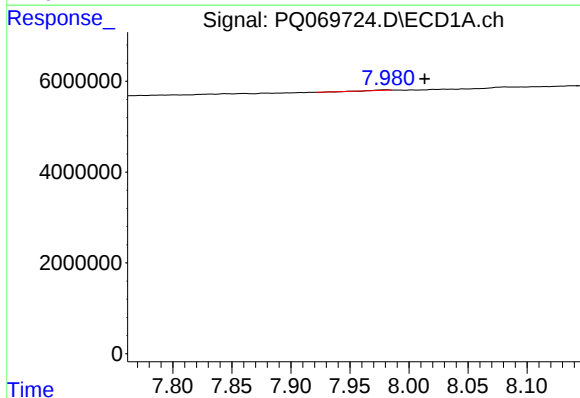
R.T.: 7.214 min  
Delta R.T.: 0.044 min  
Response: 4351183  
Conc: 9.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



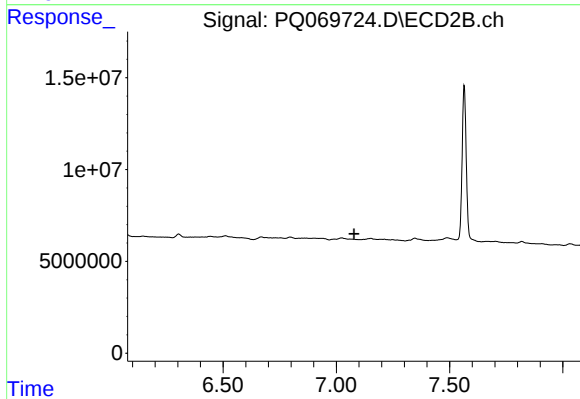
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 6.004 min  
Response: 0  
Conc: N.D.



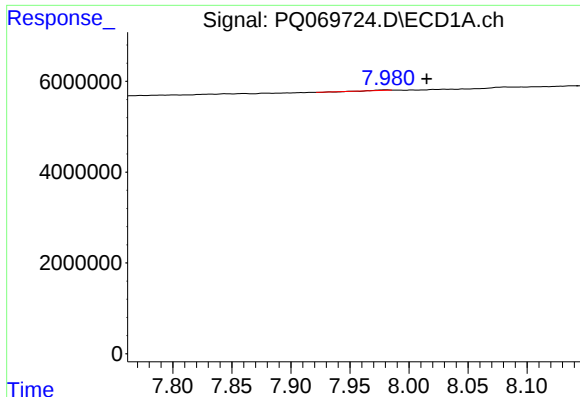
#40 AR-1262-5

R.T.: 7.981 min  
Delta R.T.: -0.033 min  
Response: 84511  
Conc: 0.60 ng/ml



#40 AR-1262-5

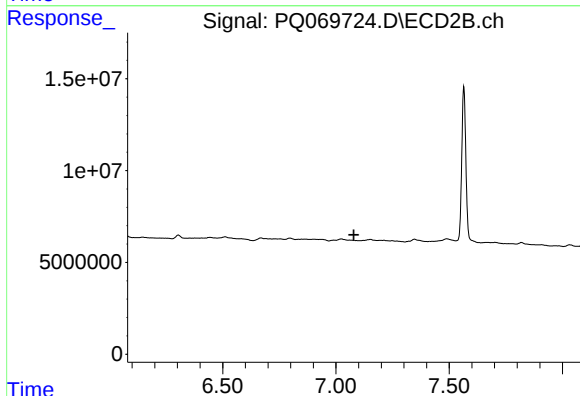
R.T.: 0.000 min  
Exp R.T. : 7.078 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

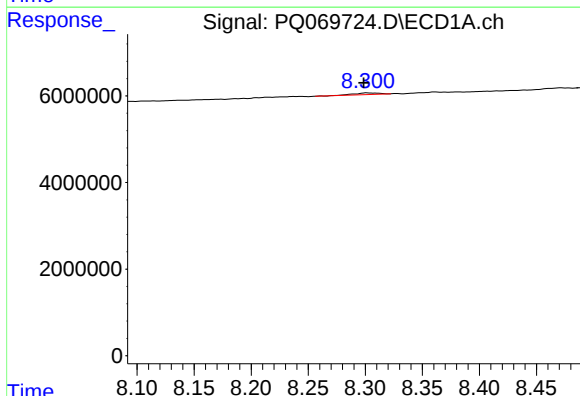
R.T.: 7.981 min  
Delta R.T.: -0.034 min  
Response: 84511  
Conc: 0.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E2AR9



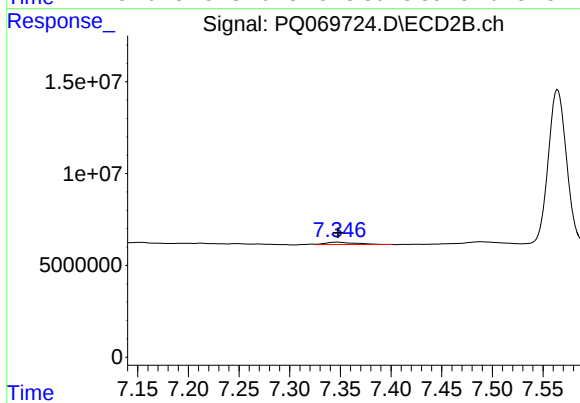
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.079 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.301 min  
Delta R.T.: 0.003 min  
Response: 568522  
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 7.347 min  
Delta R.T.: 0.000 min  
Response: 2525775  
Conc: 1.07 ng/ml