

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ090220\  
 Data File : PQ049683.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Sep 2020 11:35  
 Operator : DD\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 02 17:46:01 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ082820.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 28 17:31:13 2020  
 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... | 5.237  | 4.281  | 230.6E6  | 123.0E6  | 26.405  | 21.768    |
| 2)                          | SA Decachlor... | 11.459 | 9.639  | 197.2E6  | 122.8E6  | 20.249  | 19.631    |
|                             |                 |        |        |          |          |         |           |
| Target Compounds            |                 |        |        |          |          |         |           |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.593f | 0        | 5393536  | N.D.    | 16.626 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.752  | 0        | 2929007  | N.D.    | 17.106 #  |
| 8)                          | L2 AR-1221-1    | 5.500  | 4.553  | 860791   | 579377   | 9.832   | 10.660    |
| 9)                          | L2 AR-1221-2    | 5.595  | 4.637  | 7880893  | 2079168  | 124.176 | 50.158 #  |
| 10)                         | L2 AR-1221-3    | 5.700  | 4.723  | 353835   | 1500708  | 1.846   | 11.446 #  |
| 11)                         | L3 AR-1232-1    | 5.700f | 4.723  | 353835   | 1500708  | 1.898   | 12.189 #  |
| 12)                         | L3 AR-1232-2    | 6.279  | 5.593f | 718605   | 5393536  | 7.601   | 39.917 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.752  | 0        | 2929007  | N.D.    | 42.281 #  |
| 15)                         | L3 AR-1232-5    | 6.890f | 0.000  | 596407   | 0        | 9.005   | N.D. #    |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.593f | 0        | 5393536  | N.D.    | 23.096 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.752  | 0        | 2929007  | N.D.    | 23.663 #  |
| 20)                         | L4 AR-1242-5    | 7.548  | 6.442f | 1525476  | 36567330 | 8.425   | 214.324 # |
| 22)                         | L5 AR-1248-2    | 6.890f | 0.000  | 596407   | 0        | 2.694   | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.548  | 6.442f | 1525476  | 36567330 | 5.320   | 159.879 # |
| 26)                         | L6 AR-1254-1    | 7.492  | 6.442f | -2713526 | 36567330 | N.D.    | 102.131 # |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.606f | 0        | 33485477 | N.D.    | 104.656 # |
| 28)                         | L6 AR-1254-3    | 8.130f | 7.003  | 3638704  | 21739153 | 7.507   | 41.465 #  |
| 30)                         | L6 AR-1254-5    | 8.838  | 0.000  | 2655768  | 0        | 6.236   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 8.537  | 7.303f | 6383158  | 2924128  | 13.202  | 5.817 #   |
| 33)                         | L7 AR-1260-3    | 8.900  | 0.000  | 10189221 | 0        | 25.418  | N.D. #    |
| 36)                         | L8 AR-1262-1    | 8.900  | 0.000  | 10189221 | 0        | 19.287  | N.D. #    |
| 38)                         | L8 AR-1262-3    | 9.831  | 8.523f | 8920191  | 5821091  | 18.596  | 13.367 #  |
| 40)                         | L8 AR-1262-5    | 10.666 | 0.000  | 969846   | 0        | 2.316   | N.D. #    |
| 41)                         | L9 AR-1268-1    | 9.831  | 8.523f | 8920191  | 5821091  | 6.726   | 4.675 #   |
| 43)                         | L9 AR-1268-3    | 10.165 | 8.778  | 2080309  | 1348944  | 1.942   | 1.496     |
| 44)                         | L9 AR-1268-4    | 10.666 | 0.000  | 969846   | 0        | 2.032   | N.D. #    |
| 45)                         | L9 AR-1268-5    | 11.099 | 9.376  | 2955623  | 641552   | 0.945   | 0.266 #   |
| -----                       |                 |        |        |          |          |         |           |

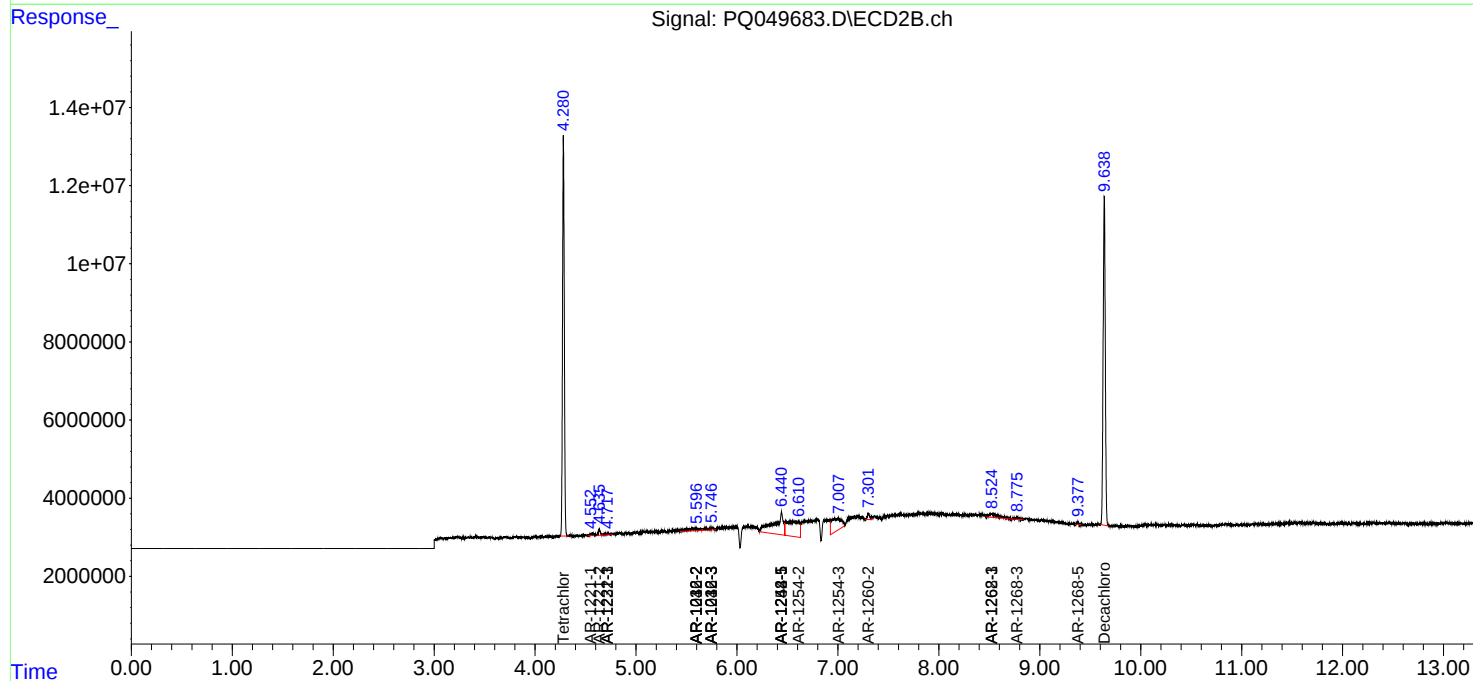
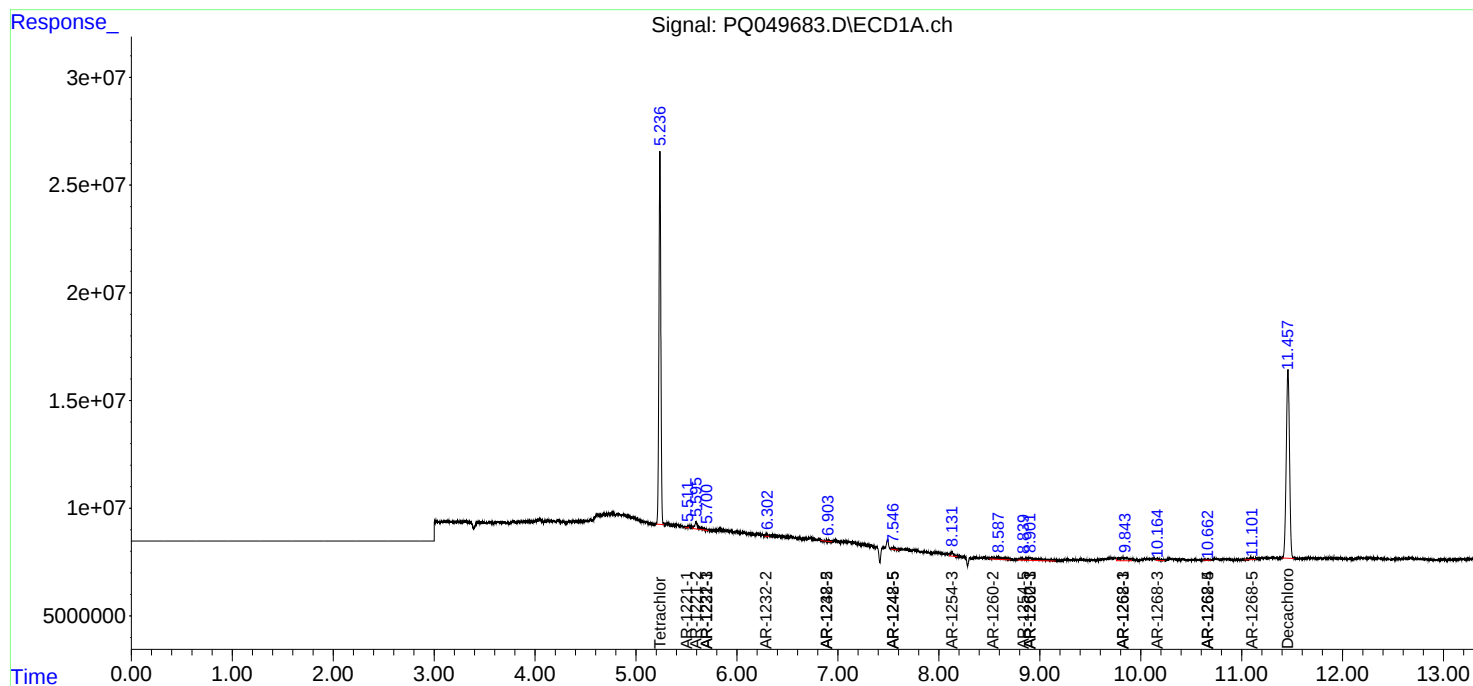
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

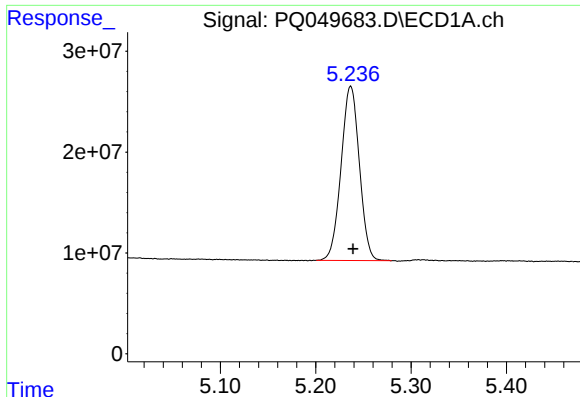
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ090220\  
Data File : PQ049683.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Sep 2020 11:35  
Operator : DD\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 02 17:46:01 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ082820.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 28 17:31:13 2020  
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

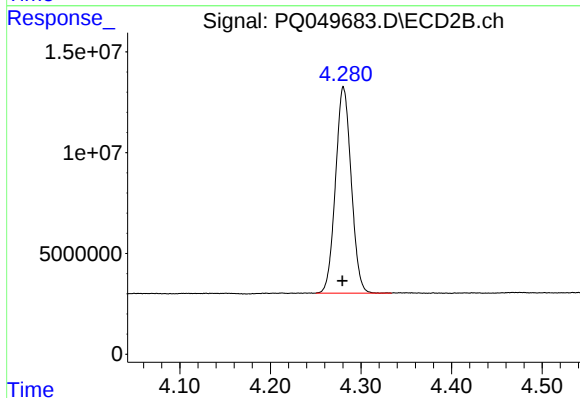




#1 Tetrachloro-m-xylene

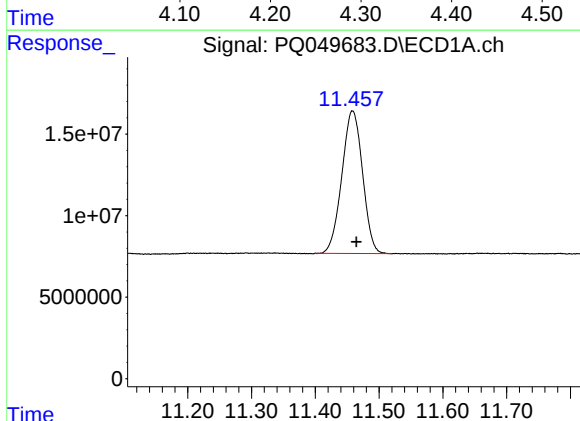
R.T.: 5.237 min  
Delta R.T.: -0.002 min  
Response: 230583745  
Conc: 26.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



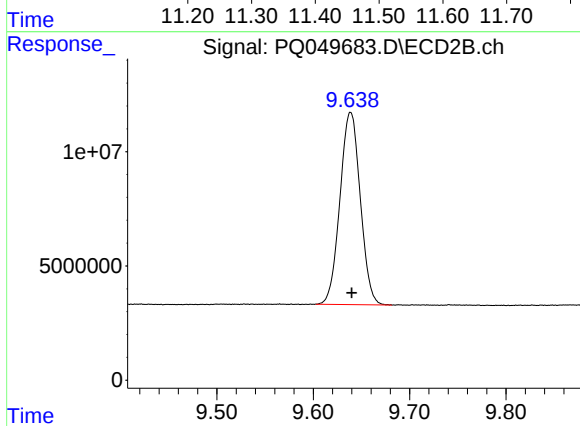
#1 Tetrachloro-m-xylene

R.T.: 4.281 min  
Delta R.T.: 0.001 min  
Response: 122988681  
Conc: 21.77 ng/ml



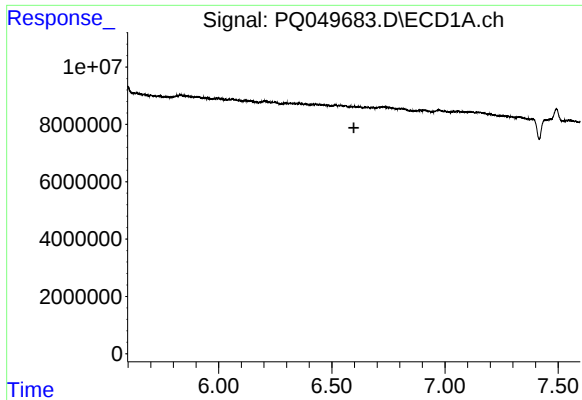
#2 Decachlorobiphenyl

R.T.: 11.459 min  
Delta R.T.: -0.006 min  
Response: 197225596  
Conc: 20.25 ng/ml



#2 Decachlorobiphenyl

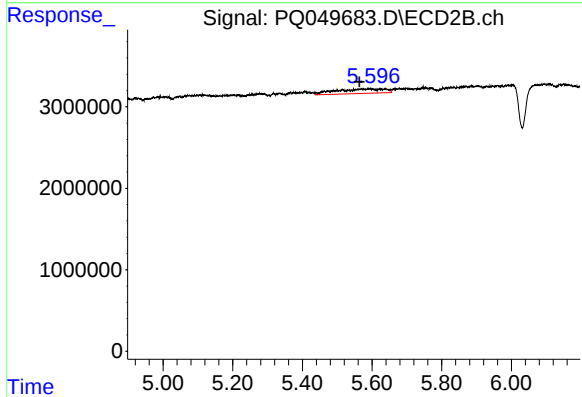
R.T.: 9.639 min  
Delta R.T.: -0.001 min  
Response: 122799003  
Conc: 19.63 ng/ml



#4 AR-1016-2

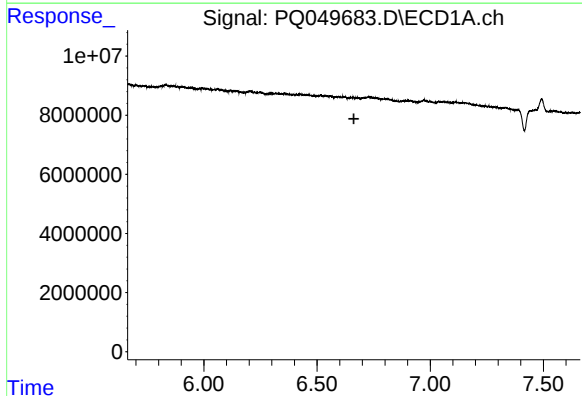
R.T.: 0.000 min  
Exp R.T.: 6.598 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



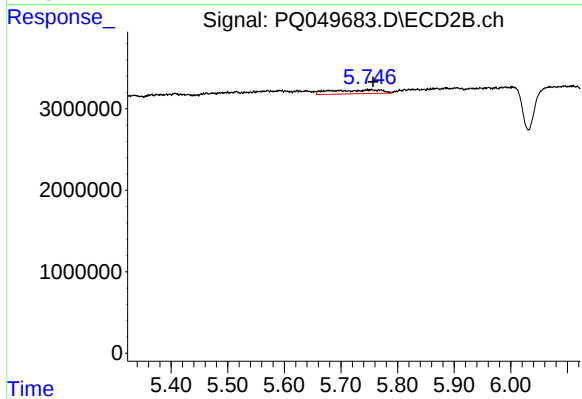
#4 AR-1016-2

R.T.: 5.593 min  
Delta R.T.: 0.028 min  
Response: 5393536  
Conc: 16.63 ng/ml



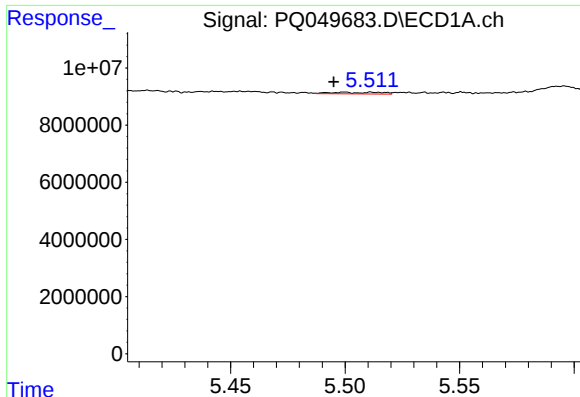
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 6.663 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

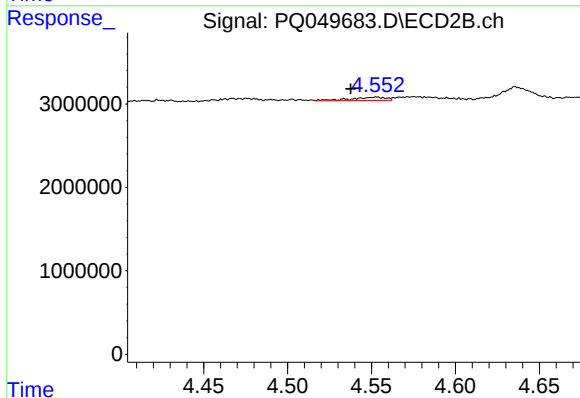
R.T.: 5.752 min  
Delta R.T.: -0.005 min  
Response: 2929007  
Conc: 17.11 ng/ml



#8 AR-1221-1

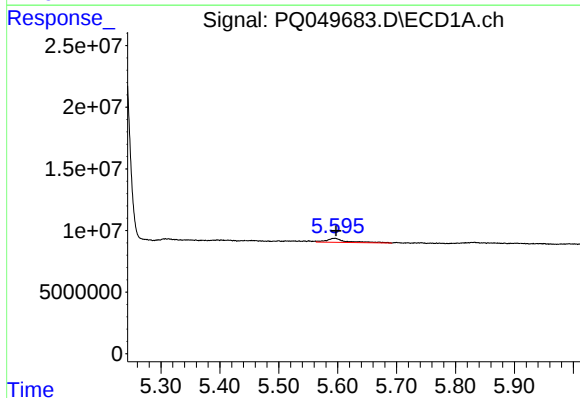
R.T.: 5.500 min  
Delta R.T.: 0.005 min  
Response: 860791  
Conc: 9.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



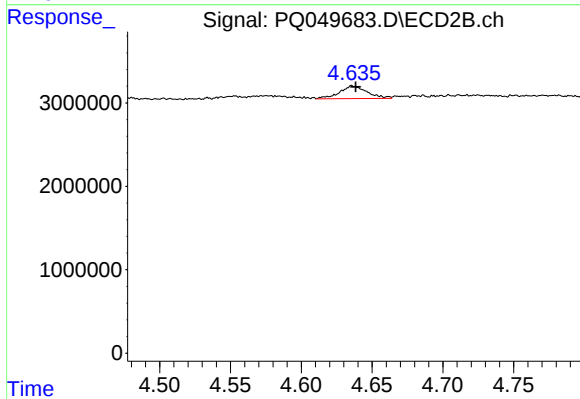
#8 AR-1221-1

R.T.: 4.553 min  
Delta R.T.: 0.015 min  
Response: 579377  
Conc: 10.66 ng/ml



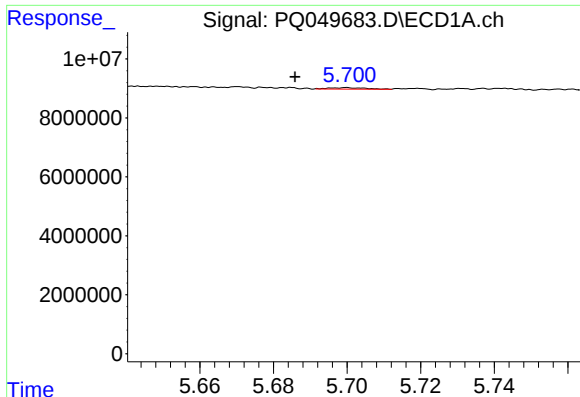
#9 AR-1221-2

R.T.: 5.595 min  
Delta R.T.: -0.002 min  
Response: 7880893  
Conc: 124.18 ng/ml



#9 AR-1221-2

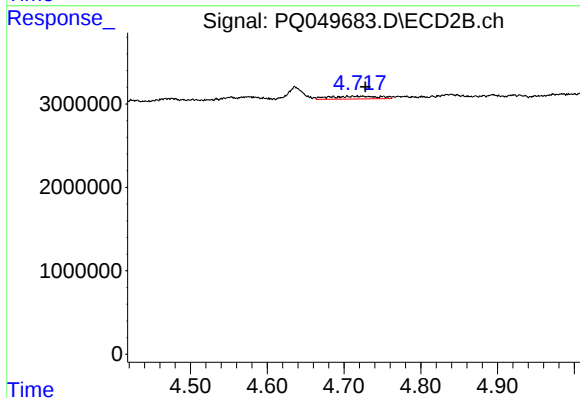
R.T.: 4.637 min  
Delta R.T.: -0.002 min  
Response: 2079168  
Conc: 50.16 ng/ml



#10 AR-1221-3

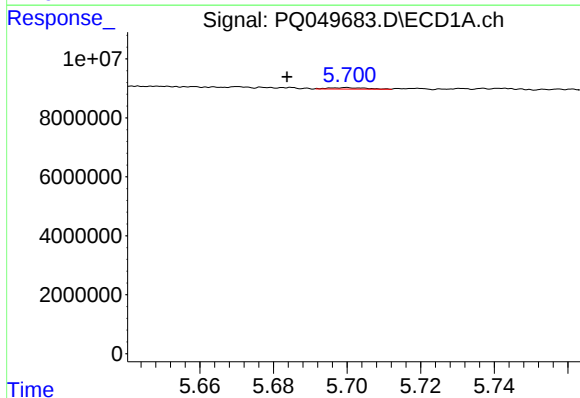
R.T.: 5.700 min  
Delta R.T.: 0.014 min  
Response: 353835  
Conc: 1.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



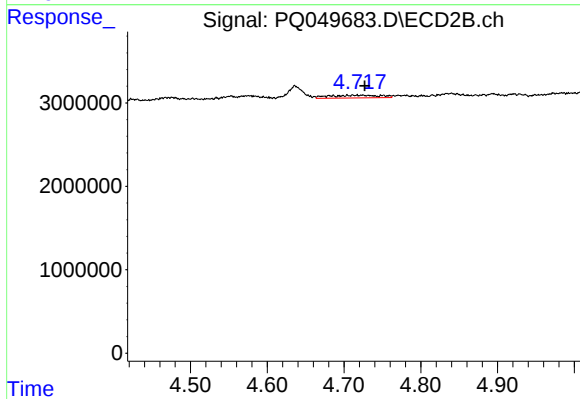
#10 AR-1221-3

R.T.: 4.723 min  
Delta R.T.: -0.005 min  
Response: 1500708  
Conc: 11.45 ng/ml



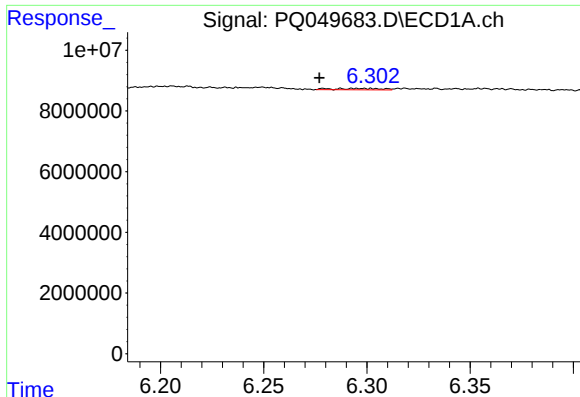
#11 AR-1232-1

R.T.: 5.700 min  
Delta R.T.: 0.016 min  
Response: 353835  
Conc: 1.90 ng/ml



#11 AR-1232-1

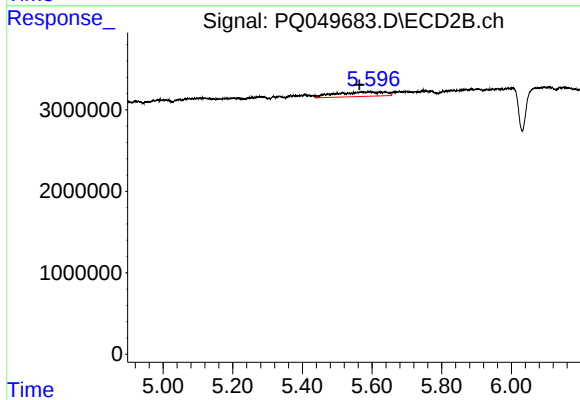
R.T.: 4.723 min  
Delta R.T.: -0.004 min  
Response: 1500708  
Conc: 12.19 ng/ml



#12 AR-1232-2

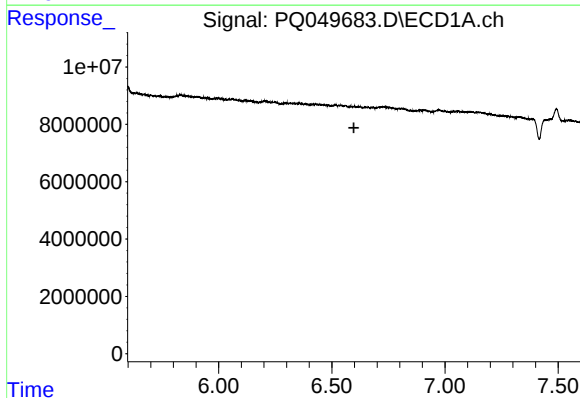
R.T.: 6.279 min  
Delta R.T.: 0.002 min  
Response: 718605  
Conc: 7.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



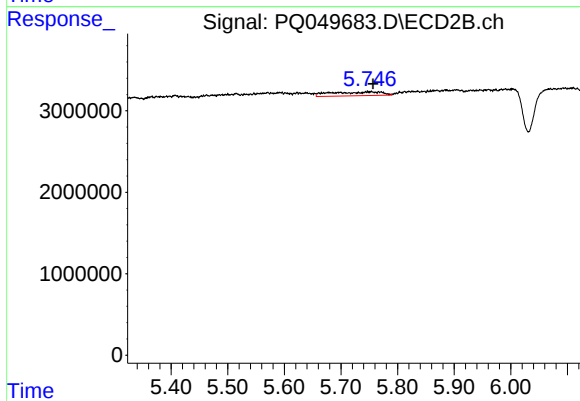
#12 AR-1232-2

R.T.: 5.593 min  
Delta R.T.: 0.029 min  
Response: 5393536  
Conc: 39.92 ng/ml



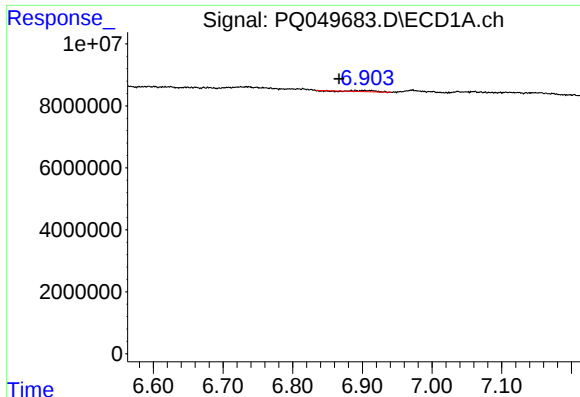
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 6.597 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

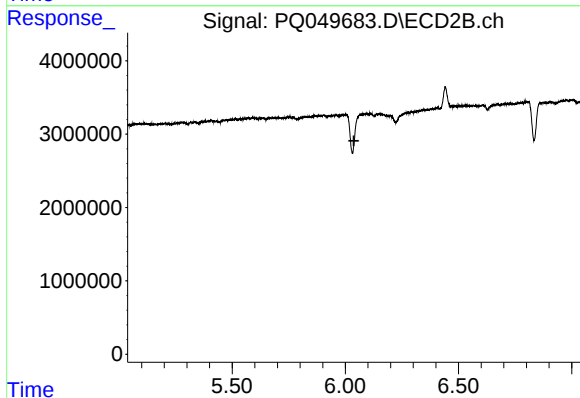
R.T.: 5.752 min  
Delta R.T.: -0.005 min  
Response: 2929007  
Conc: 42.28 ng/ml



#15 AR-1232-5

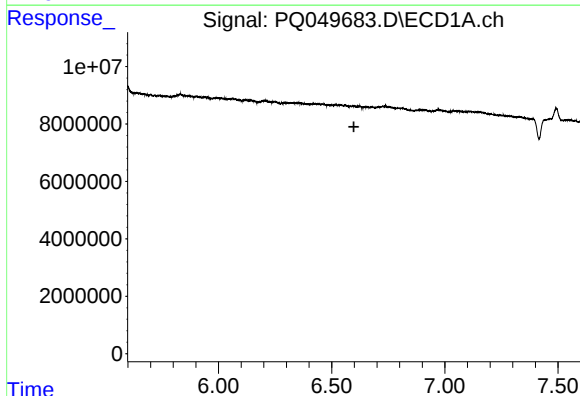
R.T.: 6.890 min  
Delta R.T.: 0.023 min  
Response: 596407  
Conc: 9.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



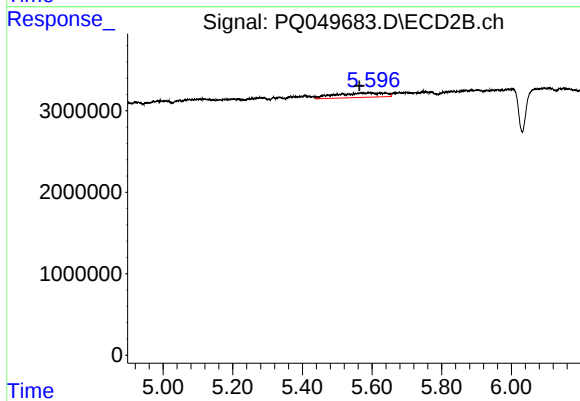
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.038 min  
Response: 0  
Conc: N.D.



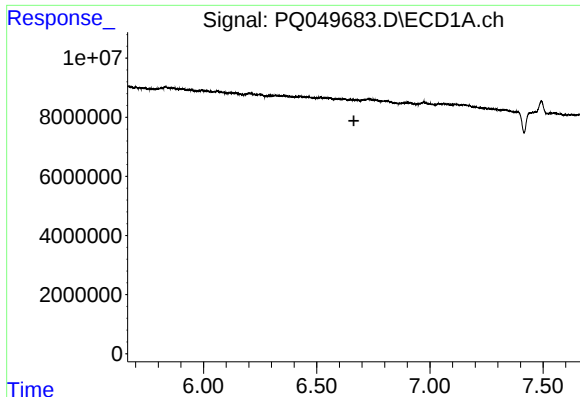
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 6.598 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

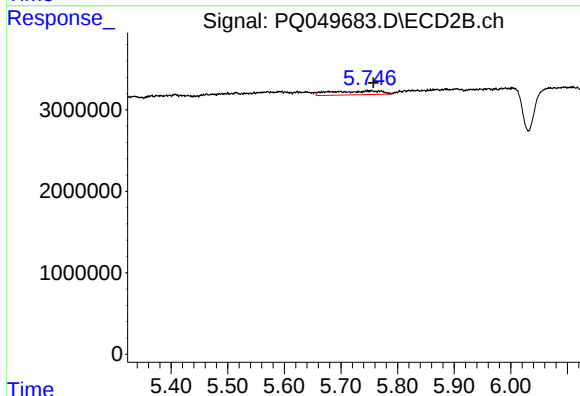
R.T.: 5.593 min  
Delta R.T.: 0.029 min  
Response: 5393536  
Conc: 23.10 ng/ml



#18 AR-1242-3

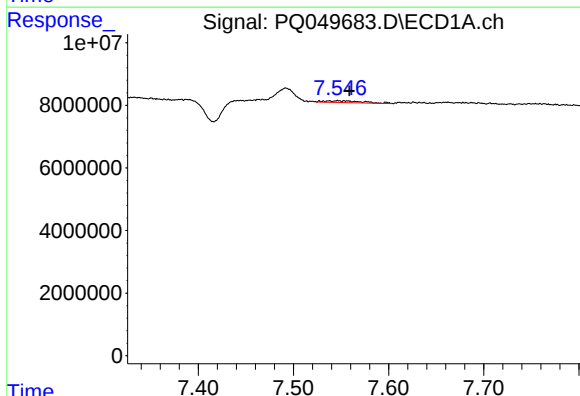
R.T.: 0.000 min  
Exp R.T.: 6.664 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



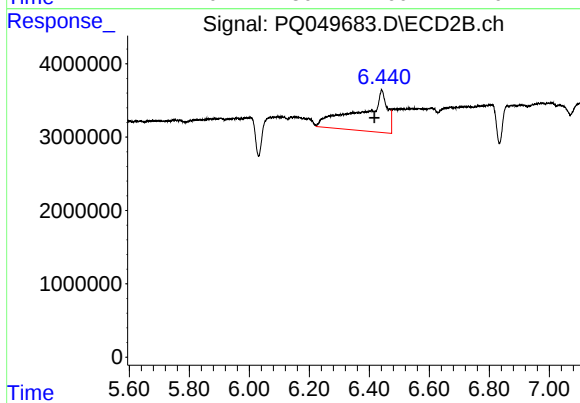
#18 AR-1242-3

R.T.: 5.752 min  
Delta R.T.: -0.005 min  
Response: 2929007  
Conc: 23.66 ng/ml



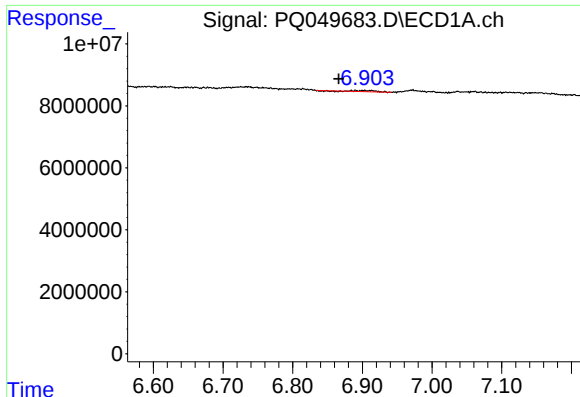
#20 AR-1242-5

R.T.: 7.548 min  
Delta R.T.: -0.011 min  
Response: 1525476  
Conc: 8.42 ng/ml



#20 AR-1242-5

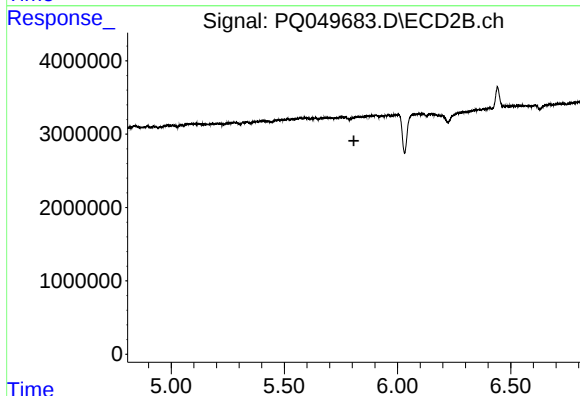
R.T.: 6.442 min  
Delta R.T.: 0.025 min  
Response: 36567330  
Conc: 214.32 ng/ml



#22 AR-1248-2

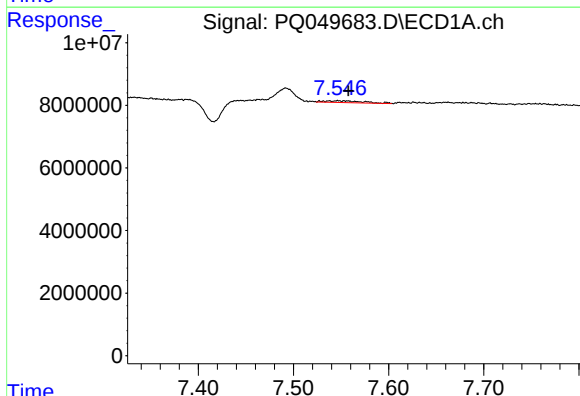
R.T.: 6.890 min  
Delta R.T.: 0.024 min  
Response: 596407  
Conc: 2.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



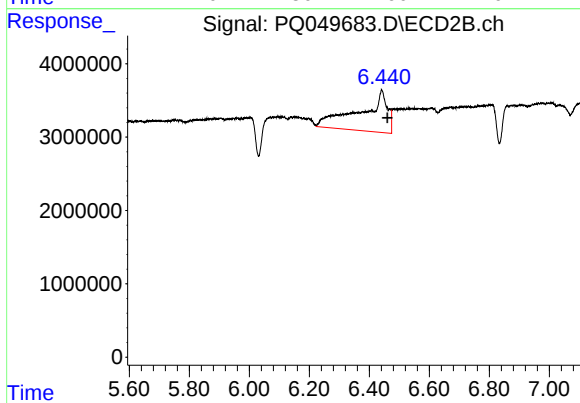
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.807 min  
Response: 0  
Conc: N.D.



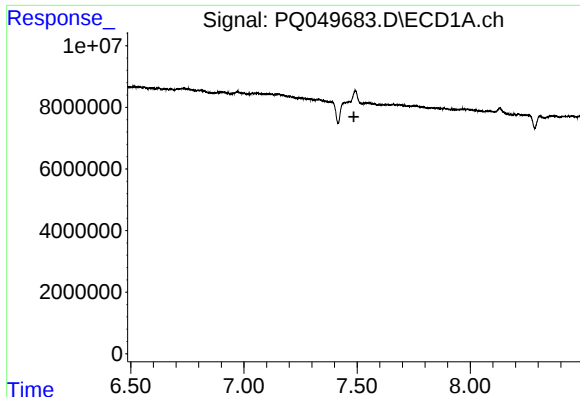
#25 AR-1248-5

R.T.: 7.548 min  
Delta R.T.: -0.010 min  
Response: 1525476  
Conc: 5.32 ng/ml



#25 AR-1248-5

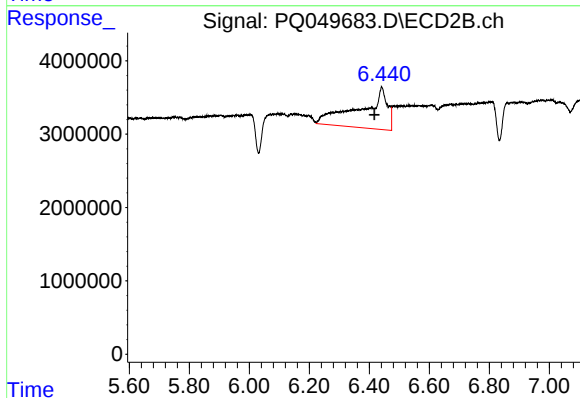
R.T.: 6.442 min  
Delta R.T.: -0.019 min  
Response: 36567330  
Conc: 159.88 ng/ml



#26 AR-1254-1

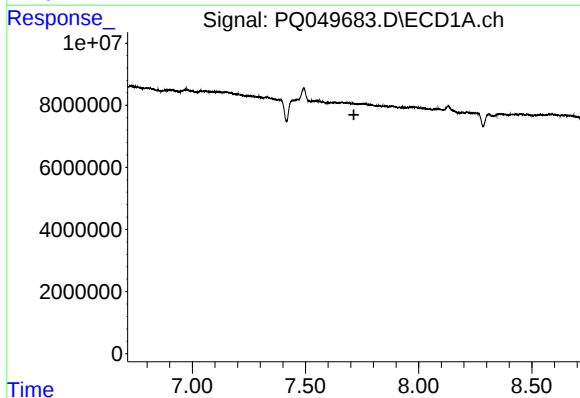
R.T.: 7.492 min  
Delta R.T.: 0.006 min  
Response: -2713526  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



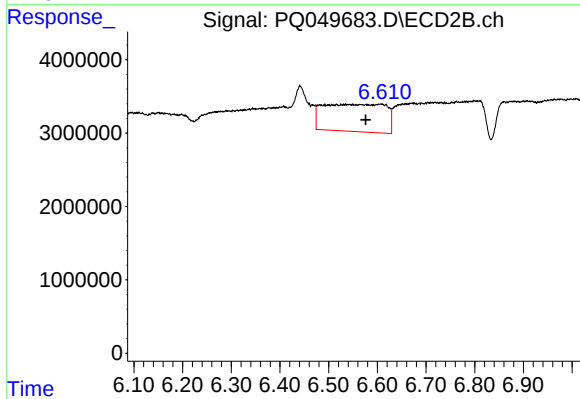
#26 AR-1254-1

R.T.: 6.442 min  
Delta R.T.: 0.025 min  
Response: 36567330  
Conc: 102.13 ng/ml



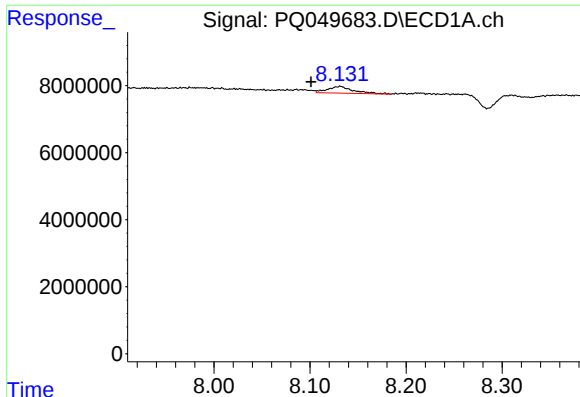
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 7.714 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

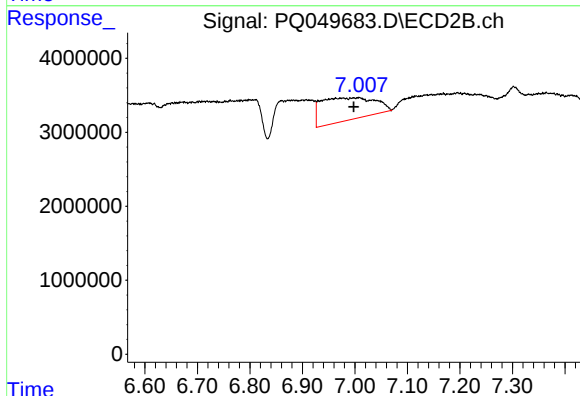
R.T.: 6.606 min  
Delta R.T.: 0.030 min  
Response: 33485477  
Conc: 104.66 ng/ml



#28 AR-1254-3

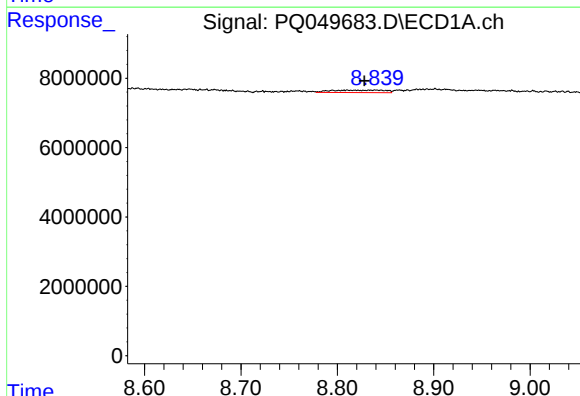
R.T.: 8.130 min  
Delta R.T.: 0.029 min  
Response: 3638704  
Conc: 7.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



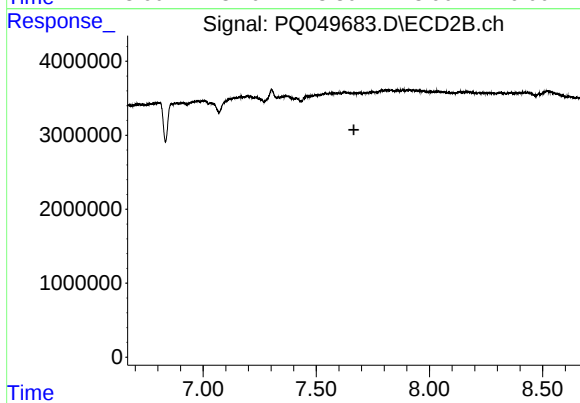
#28 AR-1254-3

R.T.: 7.003 min  
Delta R.T.: 0.005 min  
Response: 21739153  
Conc: 41.46 ng/ml



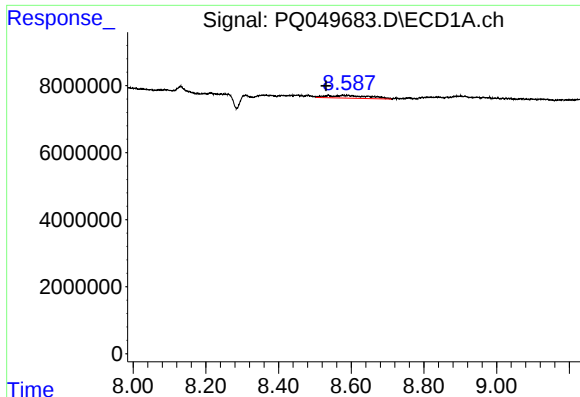
#30 AR-1254-5

R.T.: 8.838 min  
Delta R.T.: 0.010 min  
Response: 2655768  
Conc: 6.24 ng/ml



#30 AR-1254-5

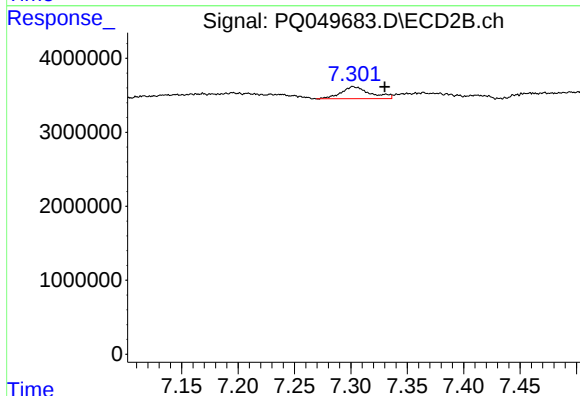
R.T.: 0.000 min  
Exp R.T.: 7.666 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

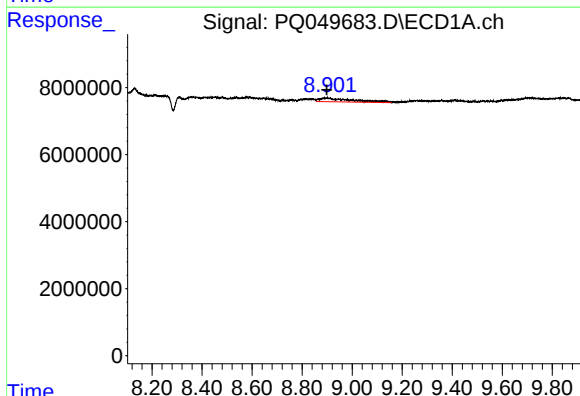
R.T.: 8.537 min  
Delta R.T.: 0.006 min  
Response: 6383158  
Conc: 13.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



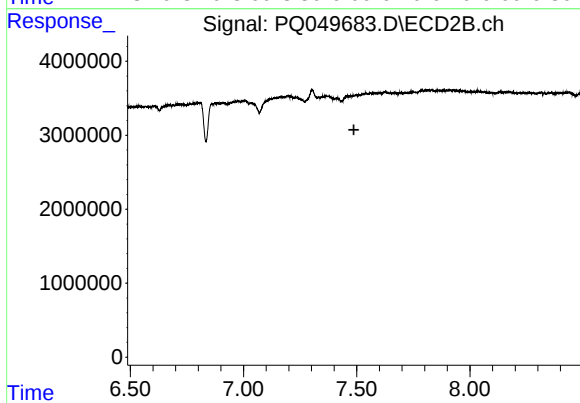
#32 AR-1260-2

R.T.: 7.303 min  
Delta R.T.: -0.027 min  
Response: 2924128  
Conc: 5.82 ng/ml



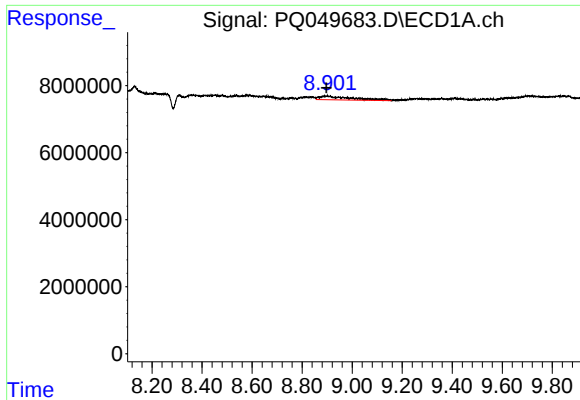
#33 AR-1260-3

R.T.: 8.900 min  
Delta R.T.: 0.002 min  
Response: 10189221  
Conc: 25.42 ng/ml



#33 AR-1260-3

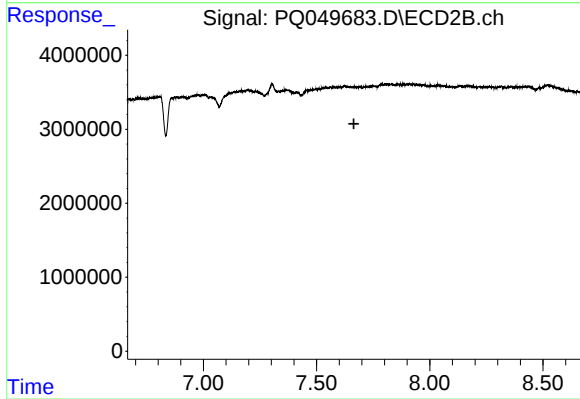
R.T.: 0.000 min  
Exp R.T.: 7.487 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

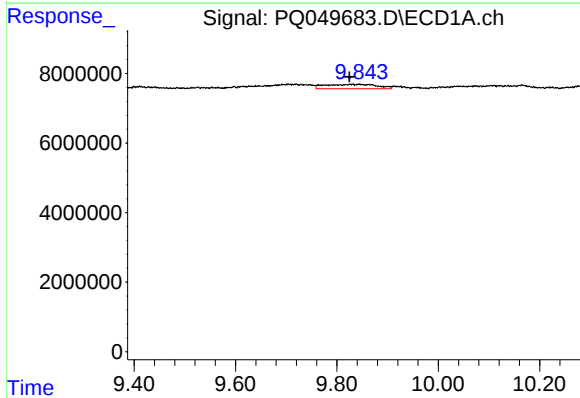
R.T.: 8.900 min  
Delta R.T.: 0.002 min  
Response: 10189221  
Conc: 19.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



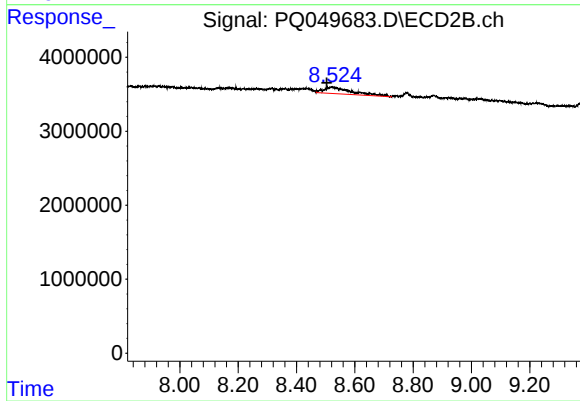
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.665 min  
Response: 0  
Conc: N.D.



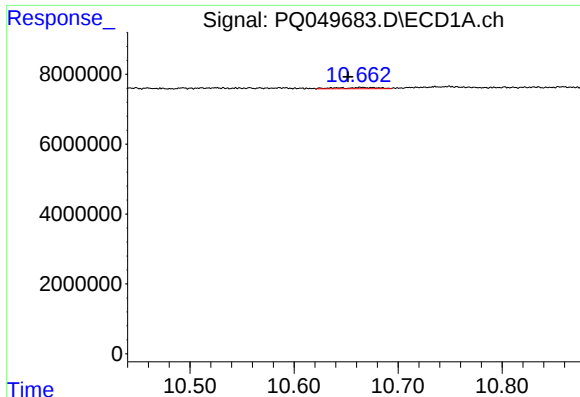
#38 AR-1262-3

R.T.: 9.831 min  
Delta R.T.: 0.006 min  
Response: 8920191  
Conc: 18.60 ng/ml



#38 AR-1262-3

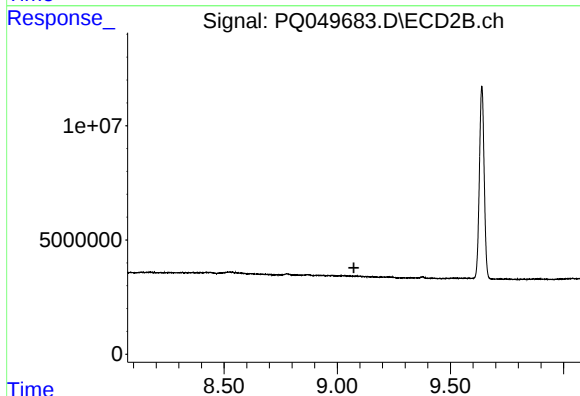
R.T.: 8.523 min  
Delta R.T.: 0.018 min  
Response: 5821091  
Conc: 13.37 ng/ml



#40 AR-1262-5

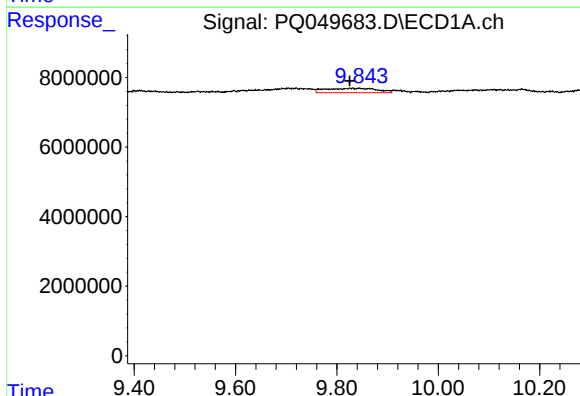
R.T.: 10.666 min  
Delta R.T.: 0.015 min  
Response: 969846  
Conc: 2.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



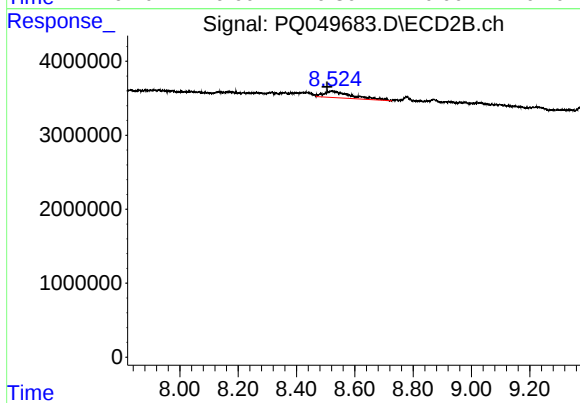
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 9.073 min  
Response: 0  
Conc: N.D.



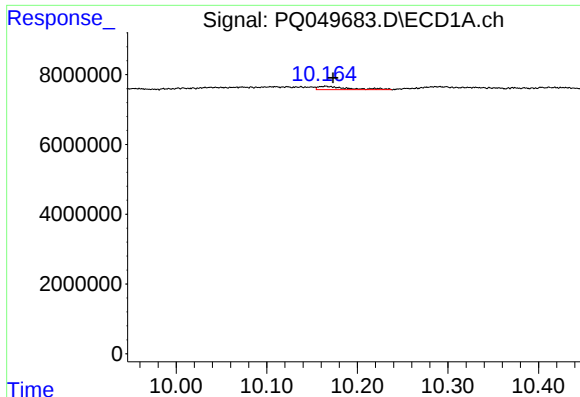
#41 AR-1268-1

R.T.: 9.831 min  
Delta R.T.: 0.006 min  
Response: 8920191  
Conc: 6.73 ng/ml



#41 AR-1268-1

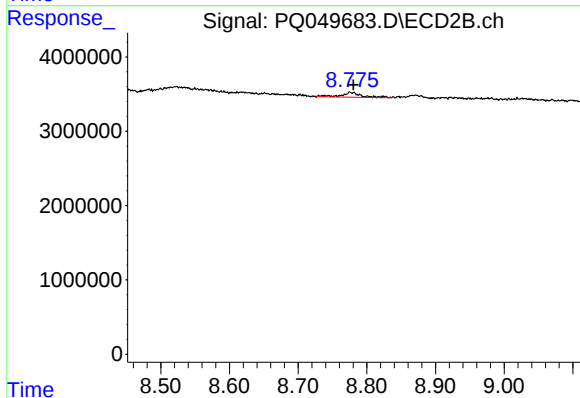
R.T.: 8.523 min  
Delta R.T.: 0.017 min  
Response: 5821091  
Conc: 4.67 ng/ml



#43 AR-1268-3

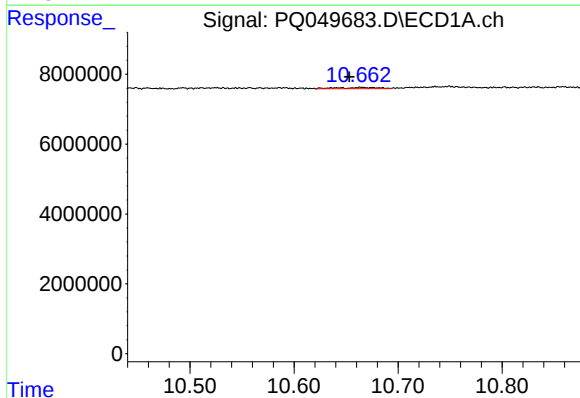
R.T.: 10.165 min  
Delta R.T.: -0.009 min  
Response: 2080309  
Conc: 1.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



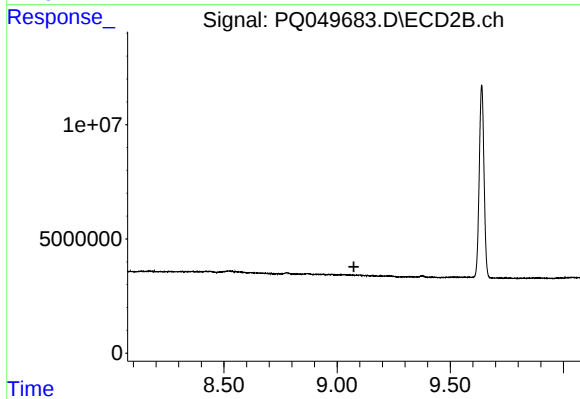
#43 AR-1268-3

R.T.: 8.778 min  
Delta R.T.: -0.003 min  
Response: 1348944  
Conc: 1.50 ng/ml



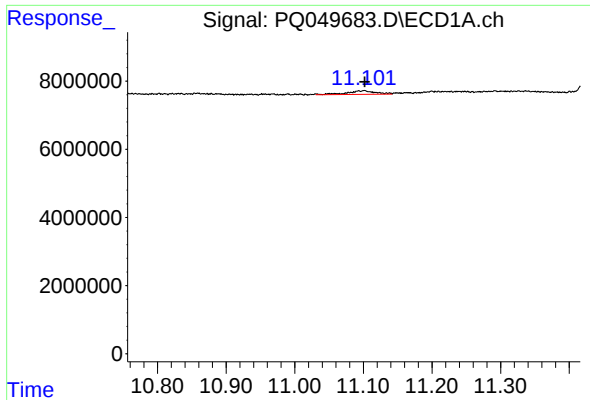
#44 AR-1268-4

R.T.: 10.666 min  
Delta R.T.: 0.013 min  
Response: 969846  
Conc: 2.03 ng/ml



#44 AR-1268-4

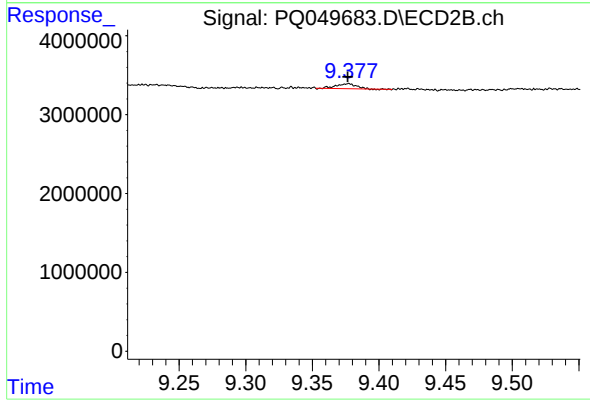
R.T.: 0.000 min  
Exp R.T. : 9.074 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 11.099 min  
Delta R.T.: -0.002 min  
Response: 2955623  
Conc: 0.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.376 min  
Delta R.T.: 0.000 min  
Response: 641552  
Conc: 0.27 ng/ml