

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ110618\  
 Data File : PQ034169.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Nov 2018 15:13  
 Operator : SM\SJ  
 Sample : J5771-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 07 08:49:07 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110618.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 06 13:07:16 2018  
 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... | 4.552  | 3.831 | 34190674 | 22387786 | 11.899  | 11.953    |
| 2)                          | SA Decachlor... | 10.365 | 8.866 | 21854921 | 15483105 | 7.188   | 6.724     |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.669  | 4.920 | 4083859  | 1932021  | 43.087  | 27.352 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.920 | 0        | 1932021  | N.D.    | 19.165 #  |
| 5)                          | L1 AR-1016-3    | 5.831  | 5.157 | 2976058  | 3308506  | 35.024  | 64.425 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.157 | 0        | 3308506  | N.D.    | 80.392 #  |
| 7)                          | L1 AR-1016-5    | 6.163  | 5.323 | 5512838  | 4218901  | 78.152  | 79.105    |
| 12)                         | L3 AR-1232-2    | 5.452  | 4.920 | 10805125 | 1932021  | 384.673 | 48.612 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.157 | 0        | 3308506  | N.D.    | 160.811 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.210 | 0        | 3254507  | N.D.    | 175.631 # |
| 15)                         | L3 AR-1232-5    | 6.056  | 5.323 | 2559349  | 4218901  | 127.516 | 208.768 # |
| 16)                         | L4 AR-1242-1    | 5.669  | 4.920 | 4083859  | 1932021  | 51.961  | 34.958 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.920 | 0        | 1932021  | N.D.    | 24.164 #  |
| 18)                         | L4 AR-1242-3    | 5.831  | 5.157 | 2976058  | 3308506  | 42.072  | 80.145 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.210 | 0        | 3254507  | N.D.    | 80.869 #  |
| 20)                         | L4 AR-1242-5    | 6.623  | 5.726 | 7618614  | 3929073  | 117.871 | 75.249 #  |
| 21)                         | L5 AR-1248-1    | 5.669  | 4.920 | 4083859  | 1932021  | 62.913  | 41.670 #  |
| 22)                         | L5 AR-1248-2    | 6.056  | 5.157 | 2559349  | 3308506  | 27.455  | 52.737 #  |
| 23)                         | L5 AR-1248-3    | 6.163  | 5.210 | 5512838  | 3254507  | 51.650  | 50.313    |
| 24)                         | L5 AR-1248-4    | 6.623  | 5.323 | 7618614  | 4218901  | 62.693  | 52.943    |
| 25)                         | L5 AR-1248-5    | 6.623  | 5.726 | 7618614  | 3929073  | 65.199  | 48.845 #  |
| 26)                         | L6 AR-1254-1    | 6.582  | 5.726 | 2857726  | 3929073  | 25.285  | 33.982 #  |
| 27)                         | L6 AR-1254-2    | 6.801  | 5.933 | 4974847  | 17843102 | 27.740  | 178.322 # |
| 28)                         | L6 AR-1254-3    | 7.182  | 6.287 | 4460932  | 3936776  | 22.945  | 22.782    |
| 29)                         | L6 AR-1254-4    | 7.455  | 0.000 | 1829045  | 0        | 12.781  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.874  | 6.917 | 4510759  | 3506941  | 28.650  | 23.110    |
| 31)                         | L7 AR-1260-1    | 7.331  | 6.404 | 2778997  | 2050887  | 20.155  | 17.820    |
| 32)                         | L7 AR-1260-2    | 7.585  | 6.588 | 8368545  | 5093645  | 48.622  | 35.875 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.743 | 0        | 1982132  | N.D.    | 15.045 #  |
| 34)                         | L7 AR-1260-4    | 8.178  | 0.000 | 2187256  | 0        | 16.836  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.507  | 7.454 | 3892999  | 5957682  | 15.610  | 25.636 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.917 | 0        | 3506941  | N.D.    | 23.355 #  |
| 37)                         | L8 AR-1262-2    | 8.507  | 7.454 | 3892999  | 5957682  | 11.446  | 20.675 #  |
| 38)                         | L8 AR-1262-3    | 8.847  | 7.801 | 2170112  | 2022913  | 9.770   | 18.937 #  |
| 39)                         | L8 AR-1262-4    | 8.847  | 7.801 | 2170112  | 2022913  | 25.743  | 9.879 #   |
| 41)                         | L9 AR-1268-1    | 8.847  | 7.801 | 2170112  | 2022913  | 4.925   | 5.683     |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.801 | 0        | 2022913  | N.D.    | 6.332 #   |
| -----                       |                 |        |       |          |          |         |           |

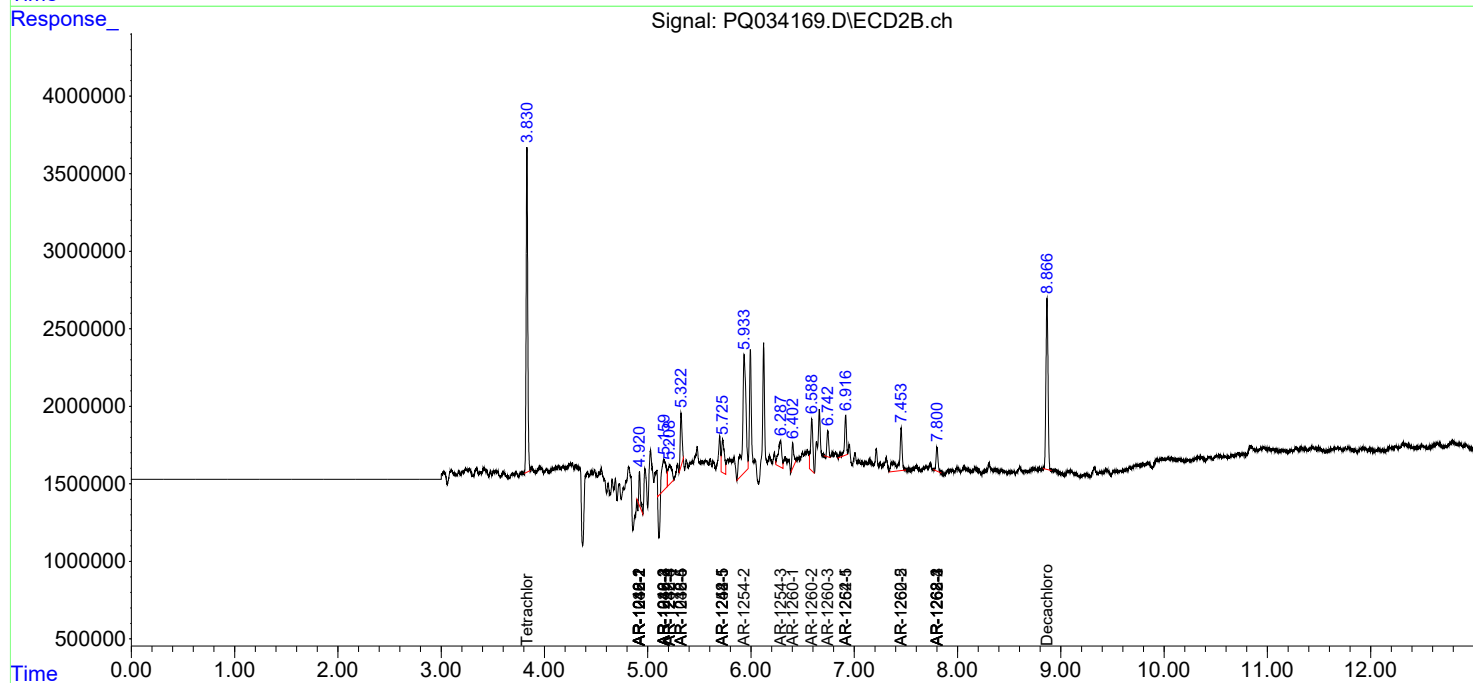
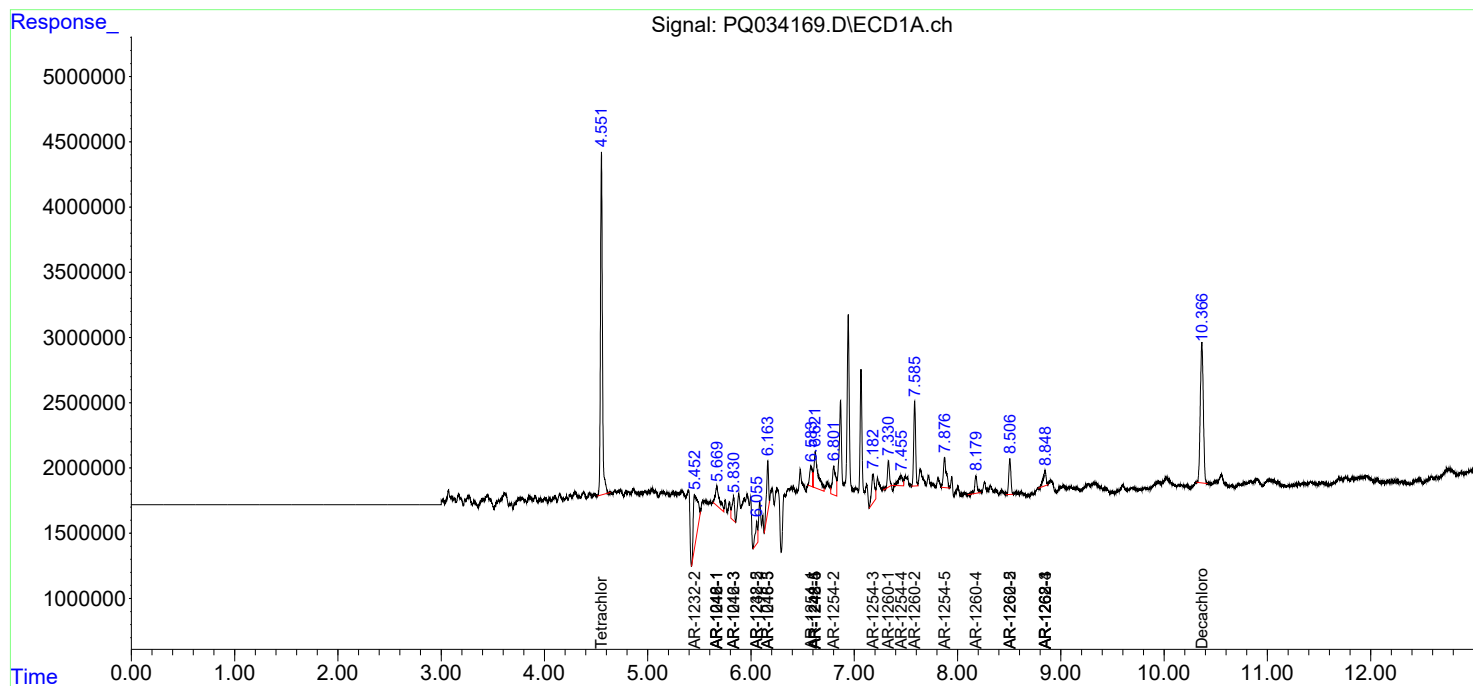
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

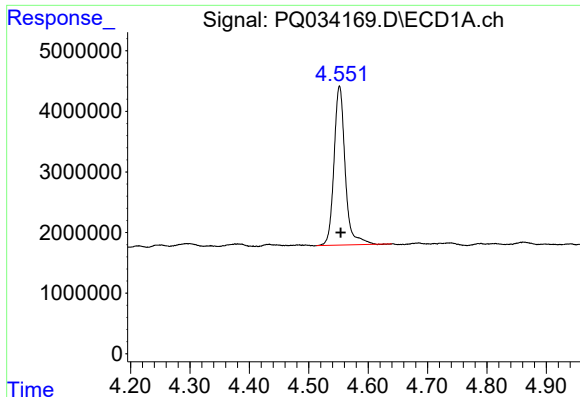
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ110618\  
Data File : PQ034169.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Nov 2018 15:13  
Operator : SM\SJ  
Sample : J5771-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 07 08:49:07 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110618.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 06 13:07:16 2018  
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

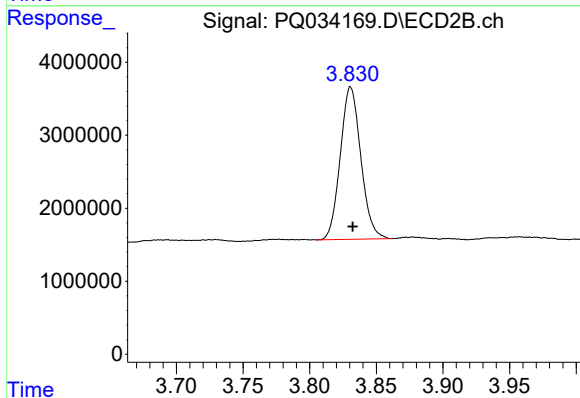




#1 Tetrachloro-m-xylene

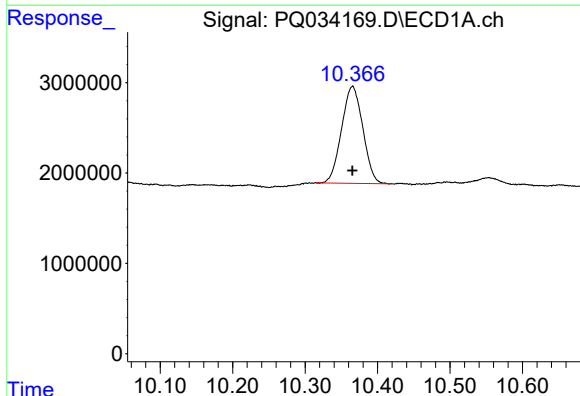
R.T.: 4.552 min  
Delta R.T.: -0.002 min  
Response: 34190674  
Conc: 11.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



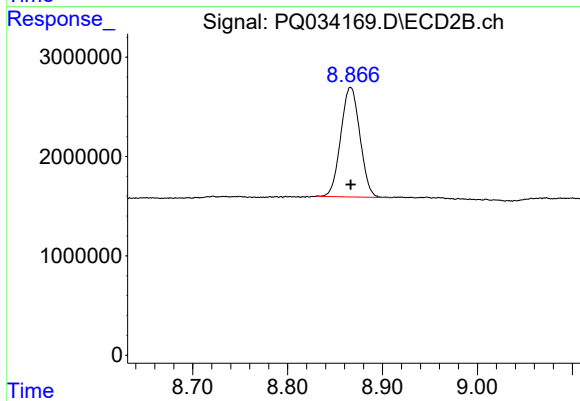
#1 Tetrachloro-m-xylene

R.T.: 3.831 min  
Delta R.T.: -0.002 min  
Response: 22387786  
Conc: 11.95 ng/ml



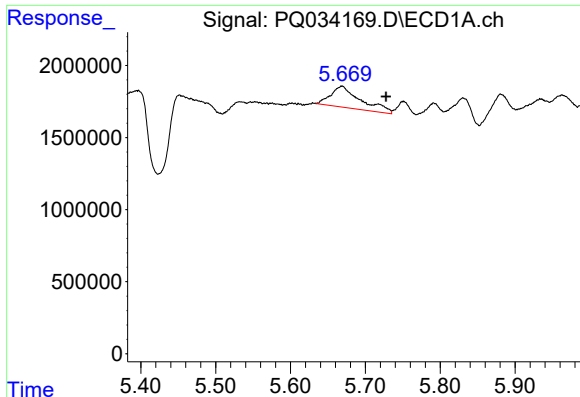
#2 Decachlorobiphenyl

R.T.: 10.365 min  
Delta R.T.: 0.000 min  
Response: 21854921  
Conc: 7.19 ng/ml



#2 Decachlorobiphenyl

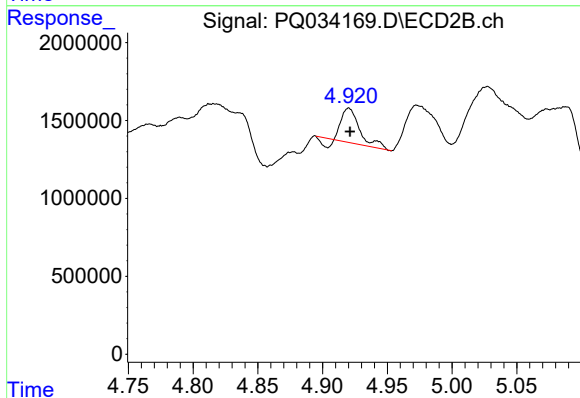
R.T.: 8.866 min  
Delta R.T.: 0.000 min  
Response: 15483105  
Conc: 6.72 ng/ml



#3 AR-1016-1

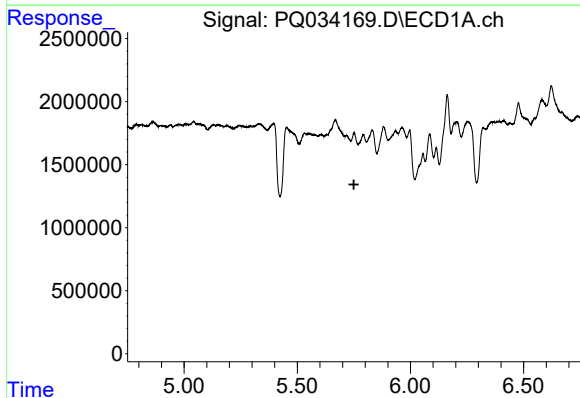
R.T.: 5.669 min  
Delta R.T.: -0.059 min  
Response: 4083859  
Conc: 43.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



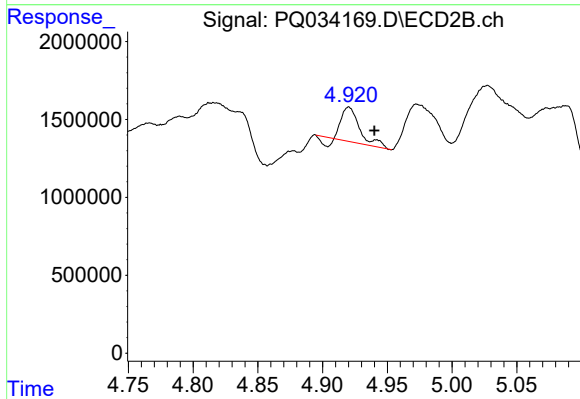
#3 AR-1016-1

R.T.: 4.920 min  
Delta R.T.: -0.001 min  
Response: 1932021  
Conc: 27.35 ng/ml



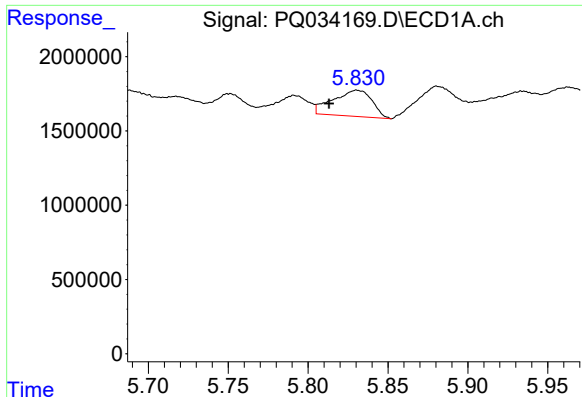
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.750 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

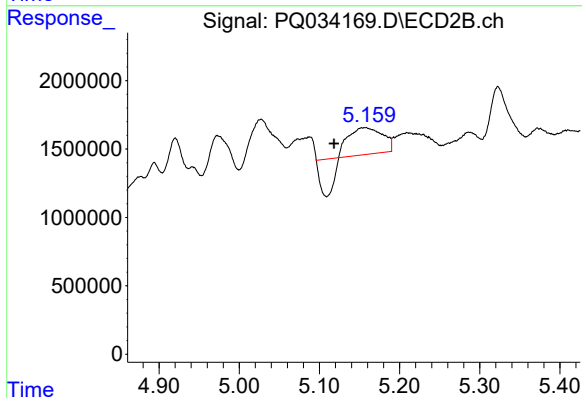
R.T.: 4.920 min  
Delta R.T.: -0.020 min  
Response: 1932021  
Conc: 19.16 ng/ml



#5 AR-1016-3

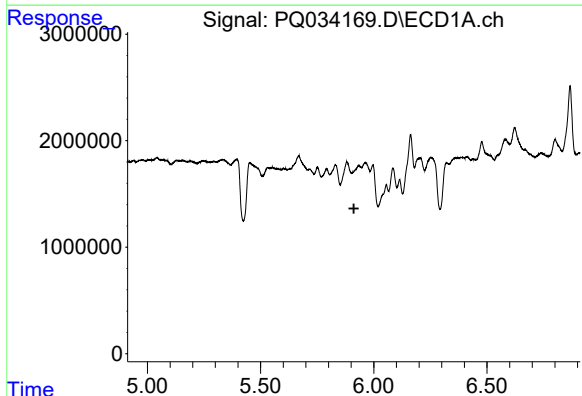
R.T.: 5.831 min  
Delta R.T.: 0.018 min  
Response: 2976058  
Conc: 35.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



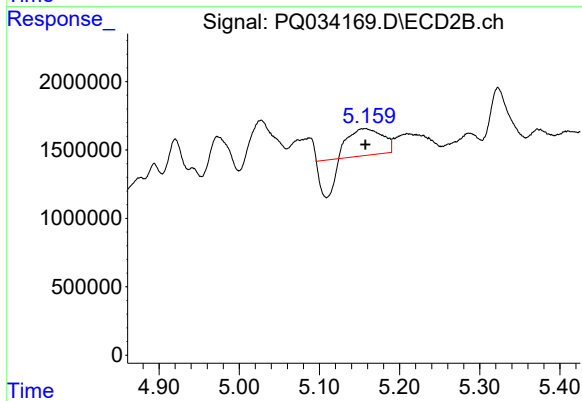
#5 AR-1016-3

R.T.: 5.157 min  
Delta R.T.: 0.039 min  
Response: 3308506  
Conc: 64.43 ng/ml



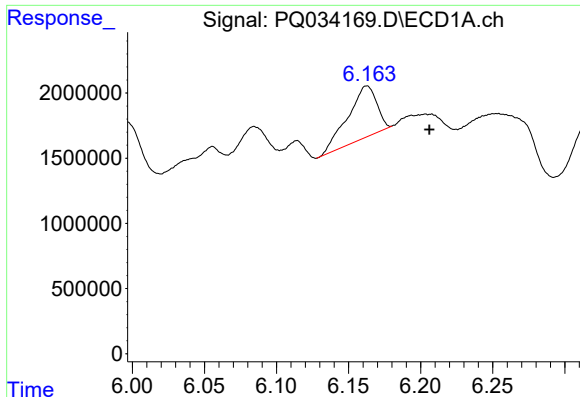
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.912 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

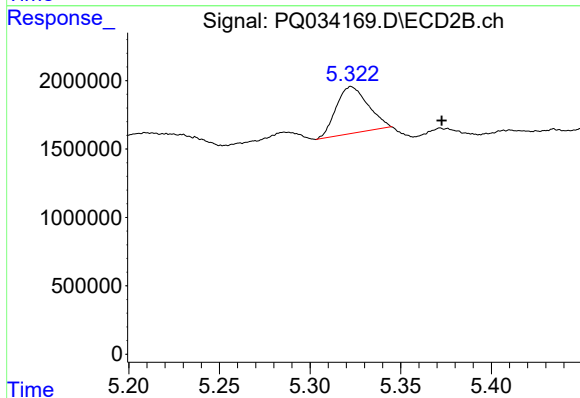
R.T.: 5.157 min  
Delta R.T.: 0.000 min  
Response: 3308506  
Conc: 80.39 ng/ml



#7 AR-1016-5

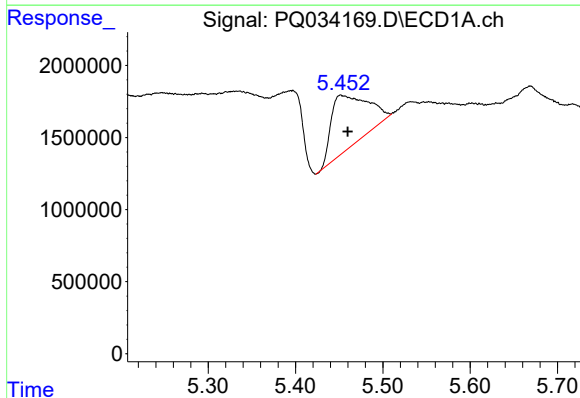
R.T.: 6.163 min  
Delta R.T.: -0.043 min  
Response: 5512838  
Conc: 78.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



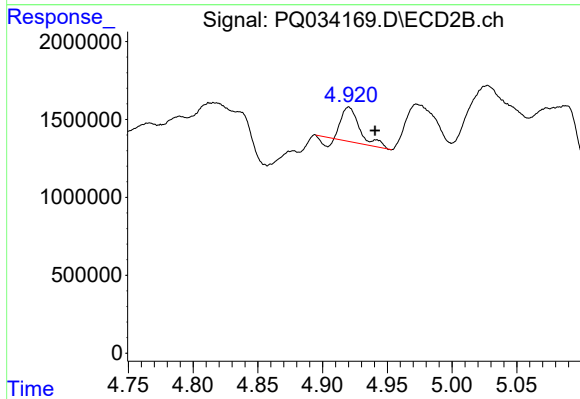
#7 AR-1016-5

R.T.: 5.323 min  
Delta R.T.: -0.050 min  
Response: 4218901  
Conc: 79.11 ng/ml



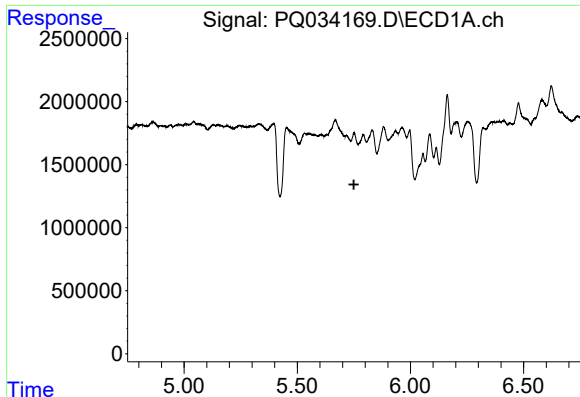
#12 AR-1232-2

R.T.: 5.452 min  
Delta R.T.: -0.008 min  
Response: 10805125  
Conc: 384.67 ng/ml



#12 AR-1232-2

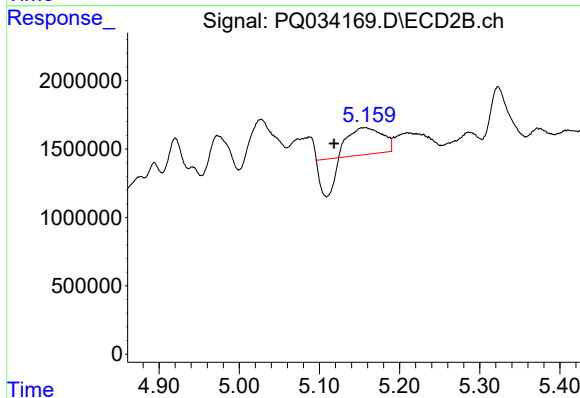
R.T.: 4.920 min  
Delta R.T.: -0.020 min  
Response: 1932021  
Conc: 48.61 ng/ml



#13 AR-1232-3

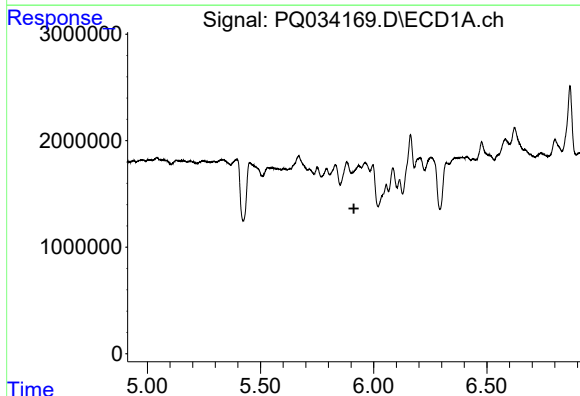
R.T.: 0.000 min  
Exp R.T.: 5.750 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



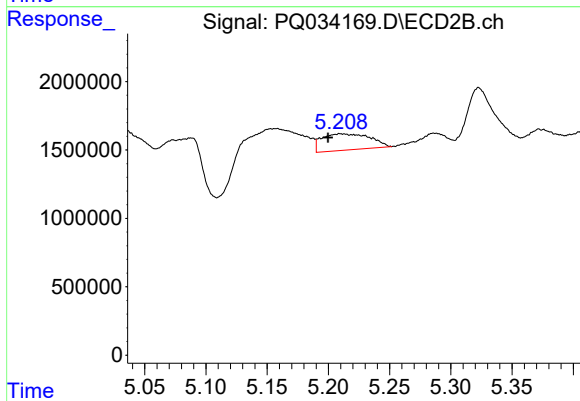
#13 AR-1232-3

R.T.: 5.157 min  
Delta R.T.: 0.039 min  
Response: 3308506  
Conc: 160.81 ng/ml



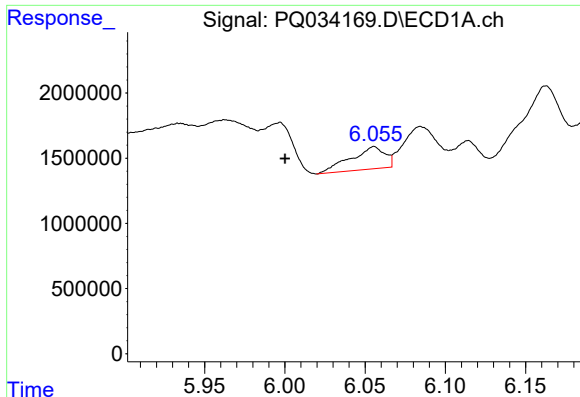
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.912 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

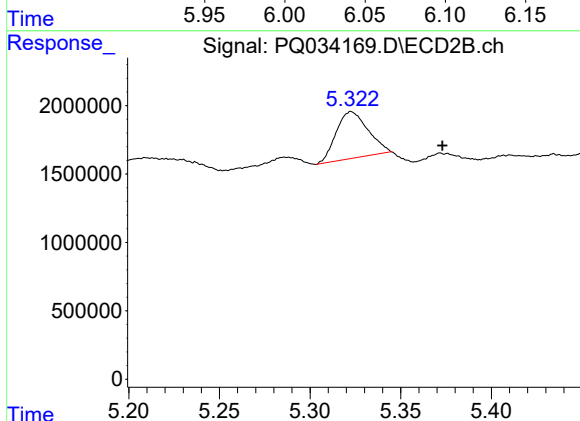
R.T.: 5.210 min  
Delta R.T.: 0.010 min  
Response: 3254507  
Conc: 175.63 ng/ml



#15 AR-1232-5

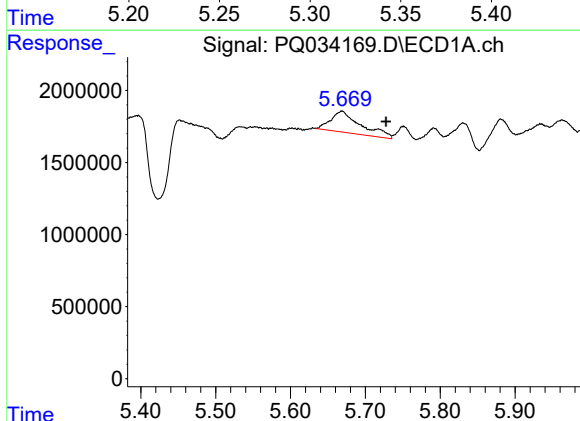
R.T.: 6.056 min  
Delta R.T.: 0.055 min  
Response: 2559349  
Conc: 127.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



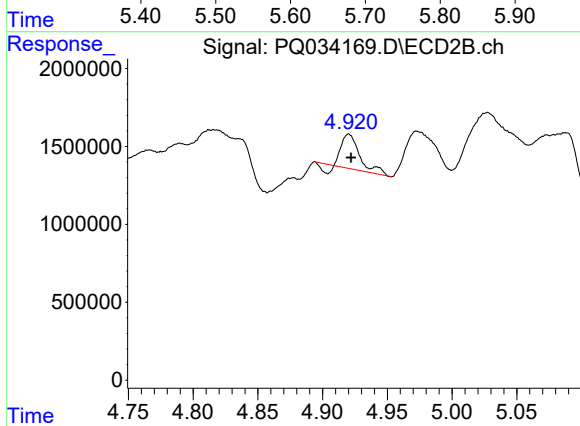
#15 AR-1232-5

R.T.: 5.323 min  
Delta R.T.: -0.050 min  
Response: 4218901  
Conc: 208.77 ng/ml



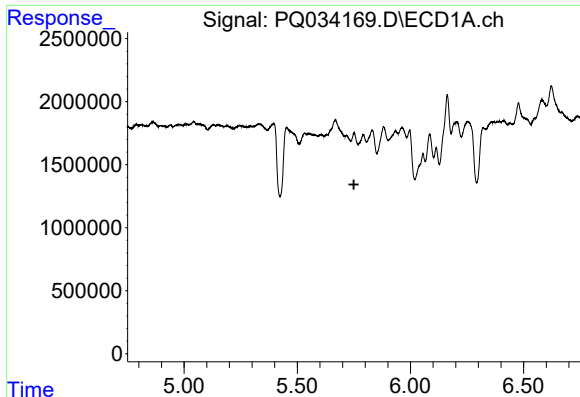
#16 AR-1242-1

R.T.: 5.669 min  
Delta R.T.: -0.059 min  
Response: 4083859  
Conc: 51.96 ng/ml



#16 AR-1242-1

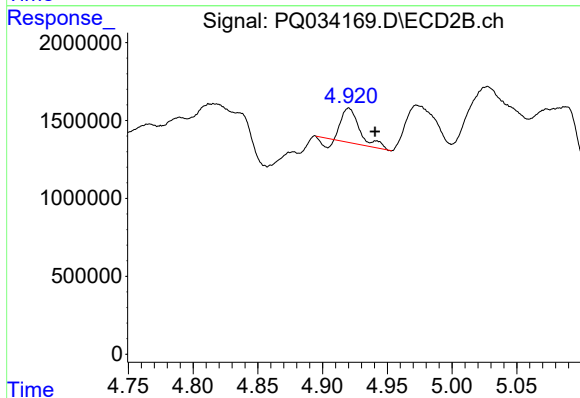
R.T.: 4.920 min  
Delta R.T.: -0.002 min  
Response: 1932021  
Conc: 34.96 ng/ml



#17 AR-1242-2

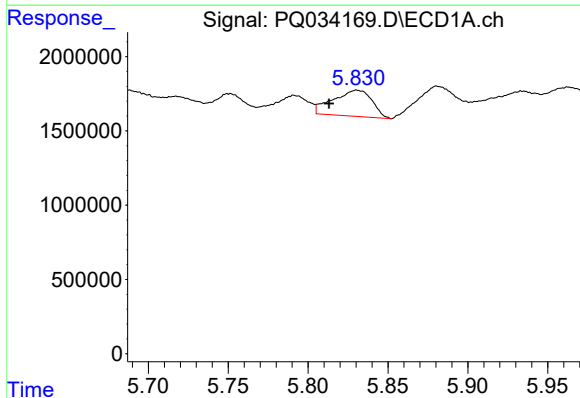
R.T.: 0.000 min  
Exp R.T.: 5.750 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



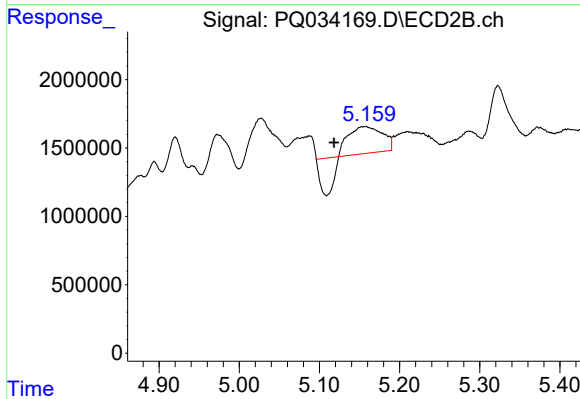
#17 AR-1242-2

R.T.: 4.920 min  
Delta R.T.: -0.020 min  
Response: 1932021  
Conc: 24.16 ng/ml



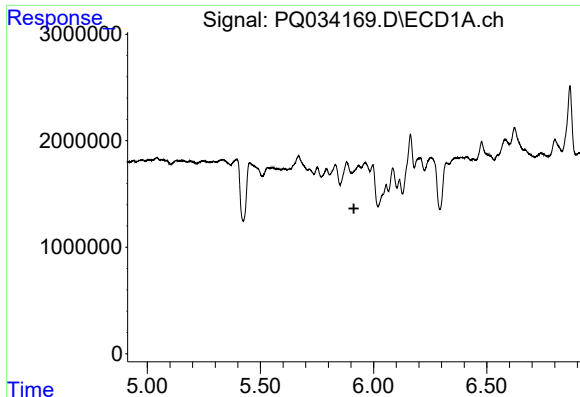
#18 AR-1242-3

R.T.: 5.831 min  
Delta R.T.: 0.017 min  
Response: 2976058  
Conc: 42.07 ng/ml



#18 AR-1242-3

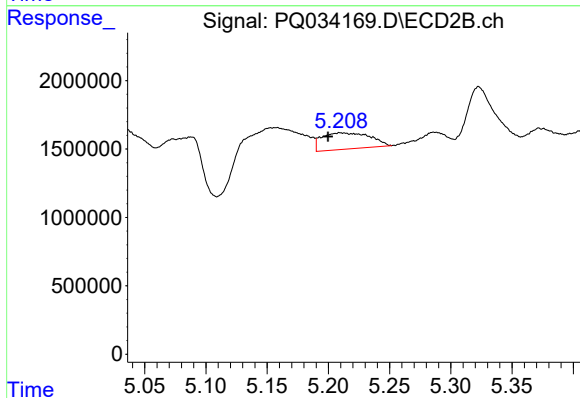
R.T.: 5.157 min  
Delta R.T.: 0.039 min  
Response: 3308506  
Conc: 80.14 ng/ml



#19 AR-1242-4

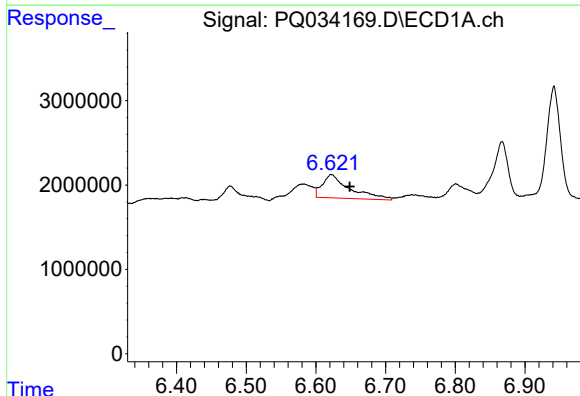
R.T.: 0.000 min  
Exp R.T.: 5.913 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



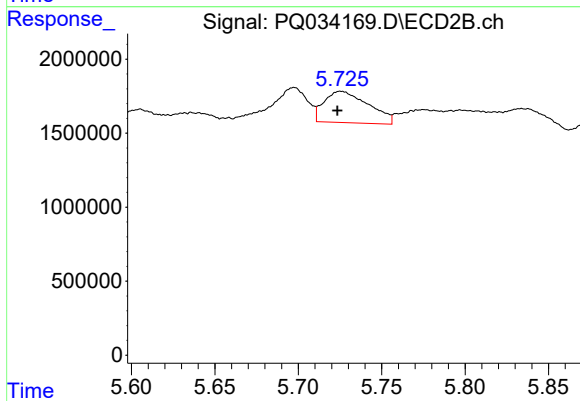
#19 AR-1242-4

R.T.: 5.210 min  
Delta R.T.: 0.010 min  
Response: 3254507  
Conc: 80.87 ng/ml



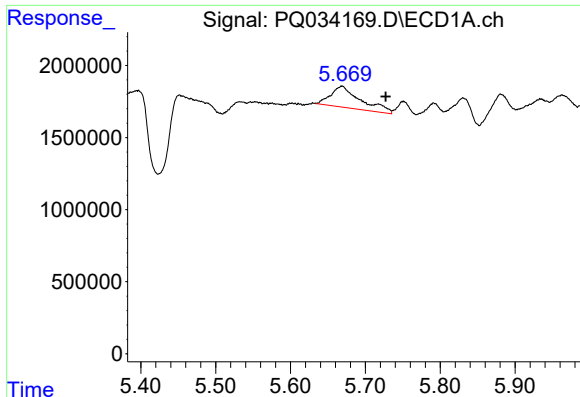
#20 AR-1242-5

R.T.: 6.623 min  
Delta R.T.: -0.026 min  
Response: 7618614  
Conc: 117.87 ng/ml



#20 AR-1242-5

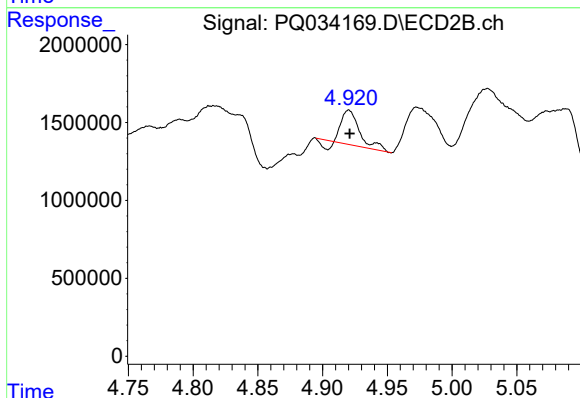
R.T.: 5.726 min  
Delta R.T.: 0.002 min  
Response: 3929073  
Conc: 75.25 ng/ml



#21 AR-1248-1

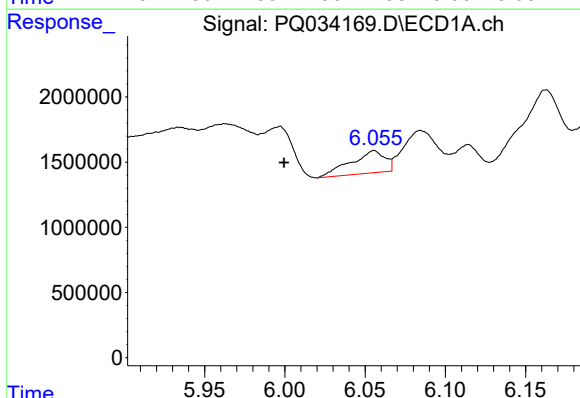
R.T.: 5.669 min  
Delta R.T.: -0.058 min  
Response: 4083859  
Conc: 62.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



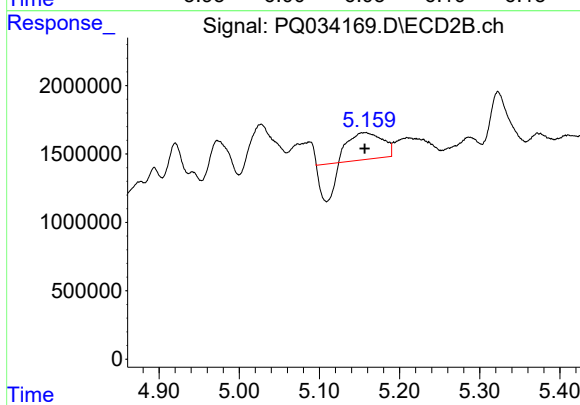
#21 AR-1248-1

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 1932021  
Conc: 41.67 ng/ml



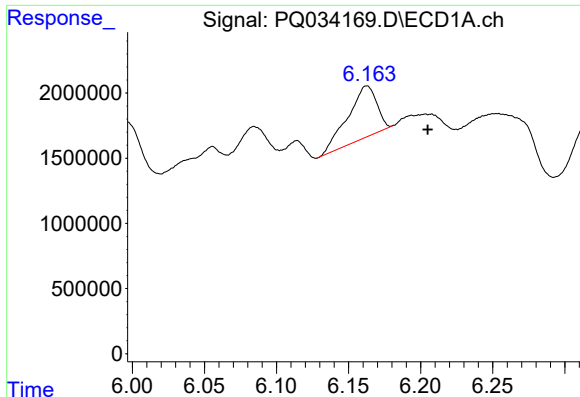
#22 AR-1248-2

R.T.: 6.056 min  
Delta R.T.: 0.056 min  
Response: 2559349  
Conc: 27.45 ng/ml



#22 AR-1248-2

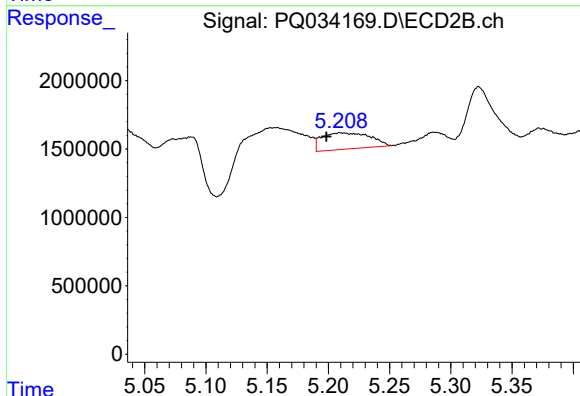
R.T.: 5.157 min  
Delta R.T.: 0.000 min  
Response: 3308506  
Conc: 52.74 ng/ml



#23 AR-1248-3

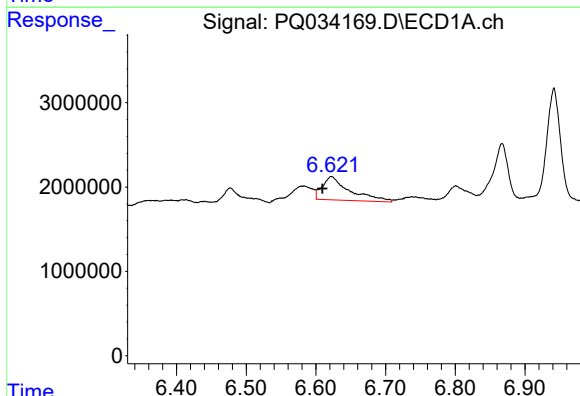
R.T.: 6.163 min  
Delta R.T.: -0.042 min  
Response: 5512838  
Conc: 51.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



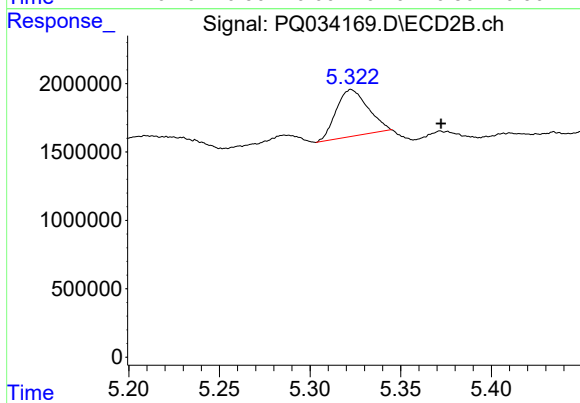
#23 AR-1248-3

R.T.: 5.210 min  
Delta R.T.: 0.011 min  
Response: 3254507  
Conc: 50.31 ng/ml



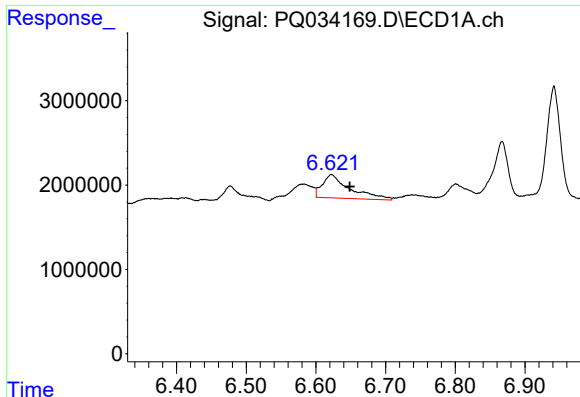
#24 AR-1248-4

R.T.: 6.623 min  
Delta R.T.: 0.013 min  
Response: 7618614  
Conc: 62.69 ng/ml



#24 AR-1248-4

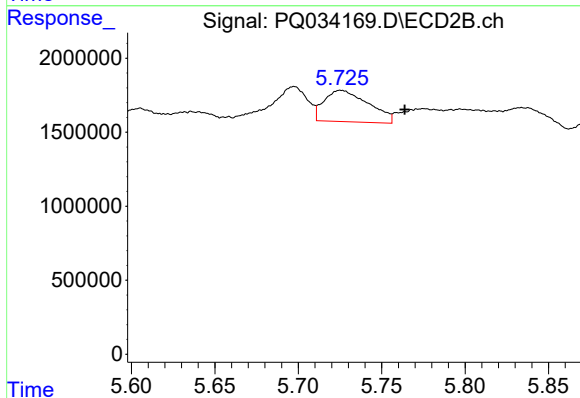
R.T.: 5.323 min  
Delta R.T.: -0.049 min  
Response: 4218901  
Conc: 52.94 ng/ml



#25 AR-1248-5

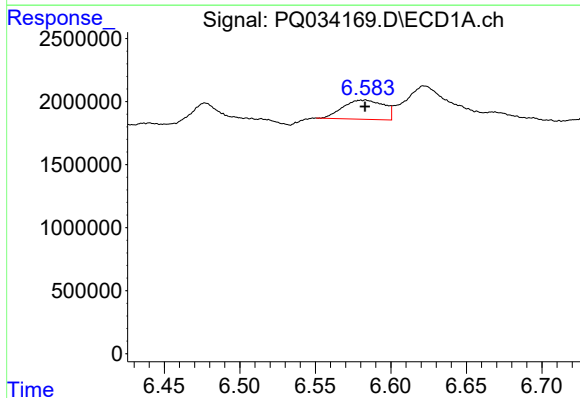
R.T.: 6.623 min  
Delta R.T.: -0.026 min  
Response: 7618614  
Conc: 65.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



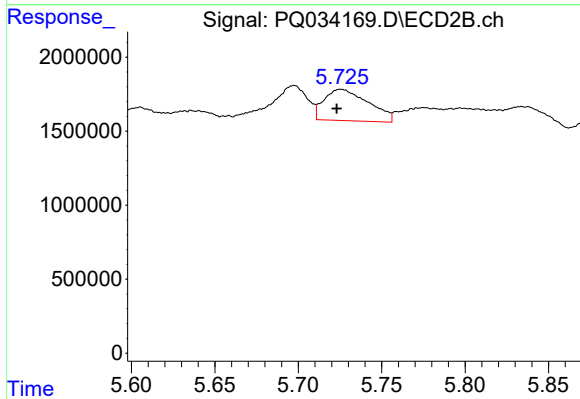
#25 AR-1248-5

R.T.: 5.726 min  
Delta R.T.: -0.038 min  
Response: 3929073  
Conc: 48.85 ng/ml



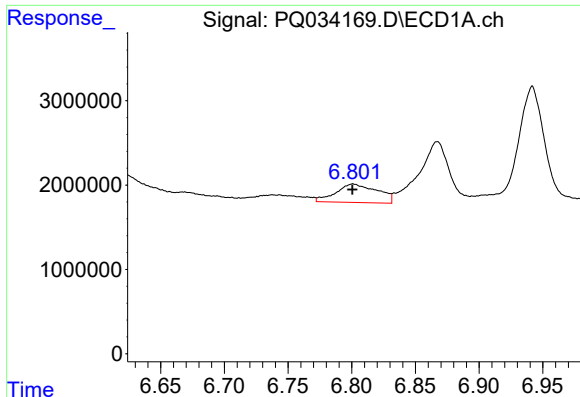
#26 AR-1254-1

R.T.: 6.582 min  
Delta R.T.: -0.001 min  
Response: 2857726  
Conc: 25.29 ng/ml



#26 AR-1254-1

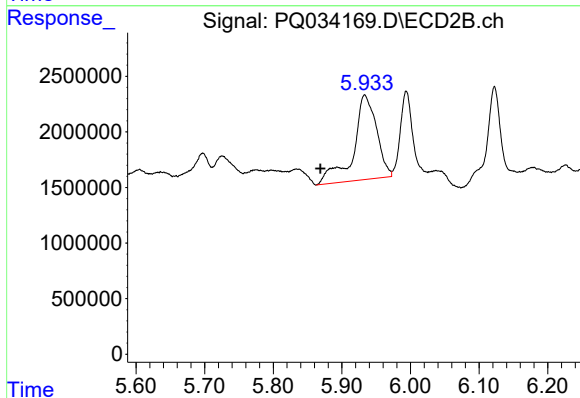
R.T.: 5.726 min  
Delta R.T.: 0.003 min  
Response: 3929073  
Conc: 33.98 ng/ml



#27 AR-1254-2

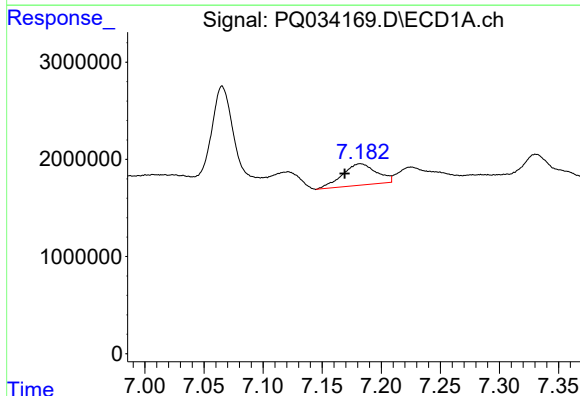
R.T.: 6.801 min  
Delta R.T.: 0.000 min  
Response: 4974847  
Conc: 27.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



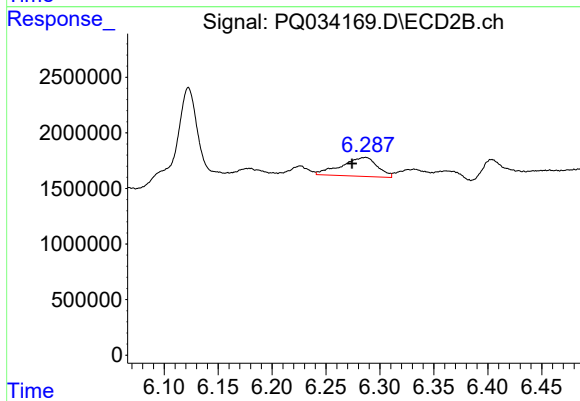
#27 AR-1254-2

R.T.: 5.933 min  
Delta R.T.: 0.065 min  
Response: 17843102  
Conc: 178.32 ng/ml



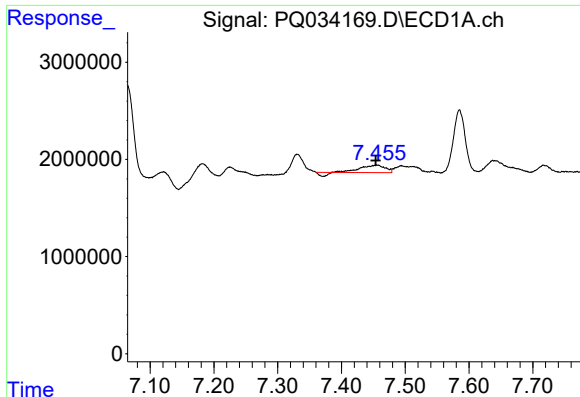
#28 AR-1254-3

R.T.: 7.182 min  
Delta R.T.: 0.013 min  
Response: 4460932  
Conc: 22.95 ng/ml



#28 AR-1254-3

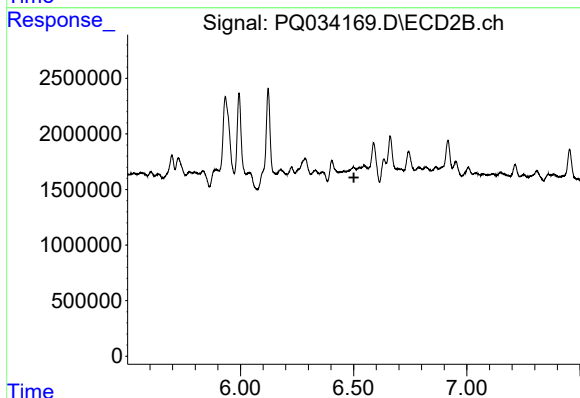
R.T.: 6.287 min  
Delta R.T.: 0.012 min  
Response: 3936776  
Conc: 22.78 ng/ml



#29 AR-1254-4

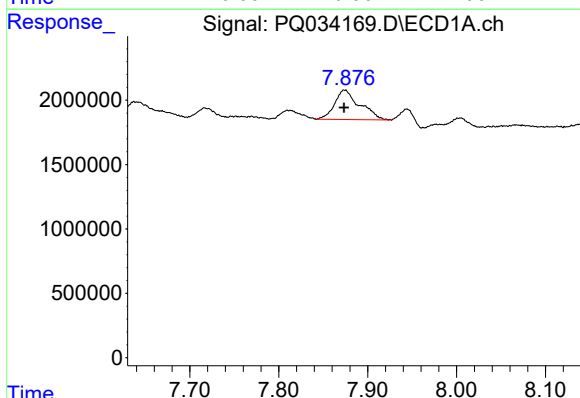
R.T.: 7.455 min  
Delta R.T.: 0.002 min  
Response: 1829045  
Conc: 12.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



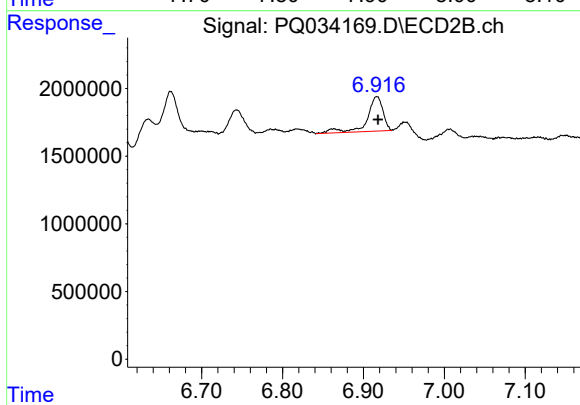
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.501 min  
Response: 0  
Conc: N.D.



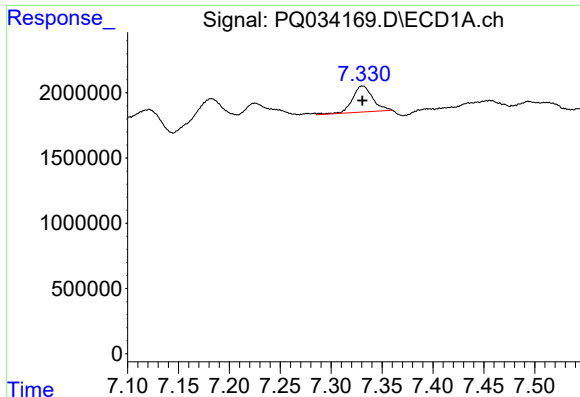
#30 AR-1254-5

R.T.: 7.874 min  
Delta R.T.: 0.000 min  
Response: 4510759  
Conc: 28.65 ng/ml



#30 AR-1254-5

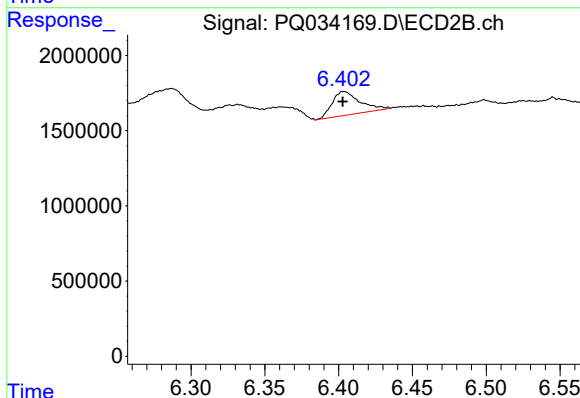
R.T.: 6.917 min  
Delta R.T.: -0.002 min  
Response: 3506941  
Conc: 23.11 ng/ml



#31 AR-1260-1

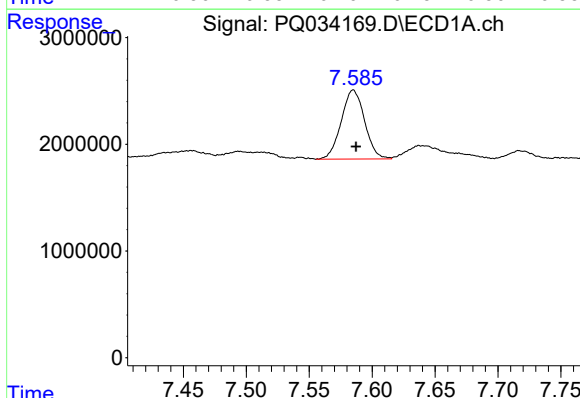
R.T.: 7.331 min  
Delta R.T.: 0.000 min  
Response: 2778997  
Conc: 20.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



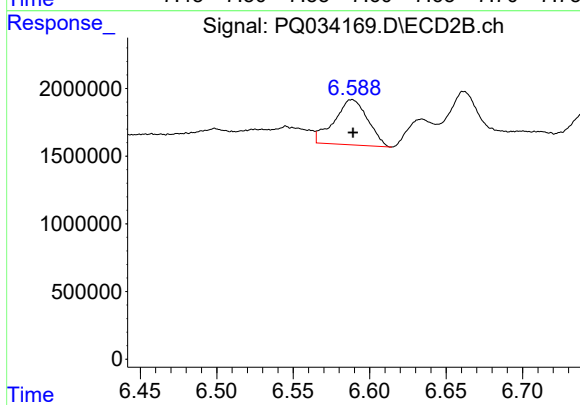
#31 AR-1260-1

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 2050887  
Conc: 17.82 ng/ml



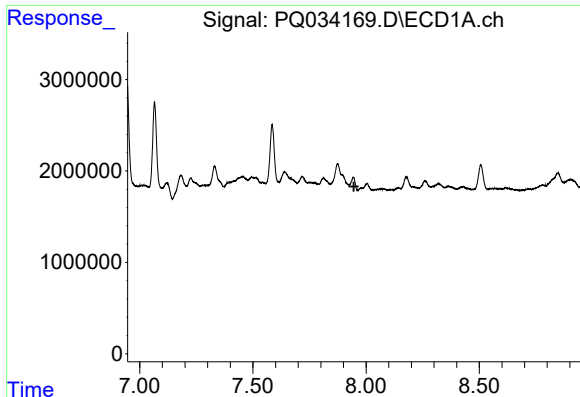
#32 AR-1260-2

R.T.: 7.585 min  
Delta R.T.: -0.002 min  
Response: 8368545  
Conc: 48.62 ng/ml



#32 AR-1260-2

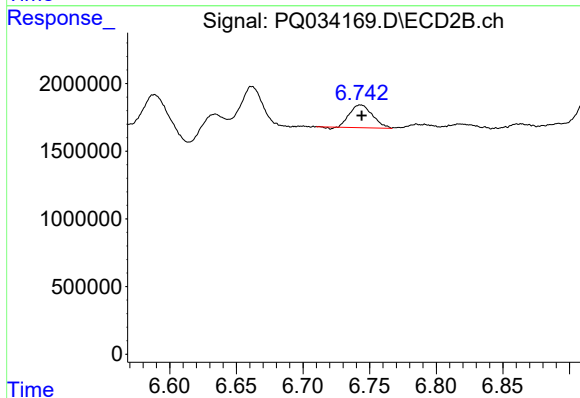
R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 5093645  
Conc: 35.88 ng/ml



#33 AR-1260-3

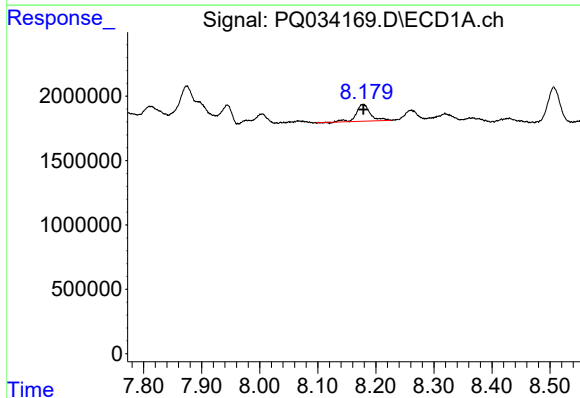
R.T.: 0.000 min  
Exp R.T.: 7.946 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



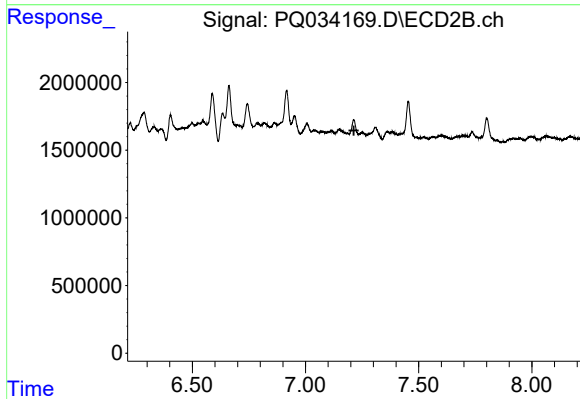
#33 AR-1260-3

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 1982132  
Conc: 15.04 ng/ml



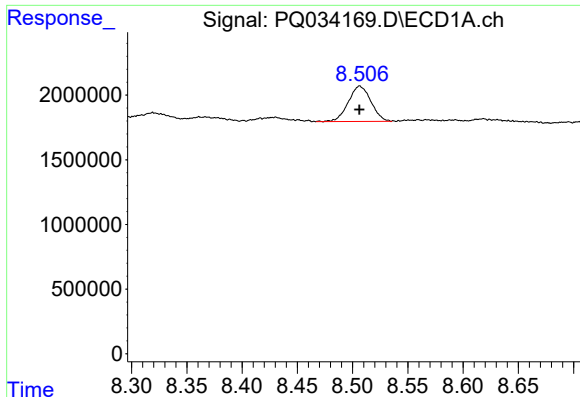
#34 AR-1260-4

R.T.: 8.178 min  
Delta R.T.: 0.000 min  
Response: 2187256  
Conc: 16.84 ng/ml



#34 AR-1260-4

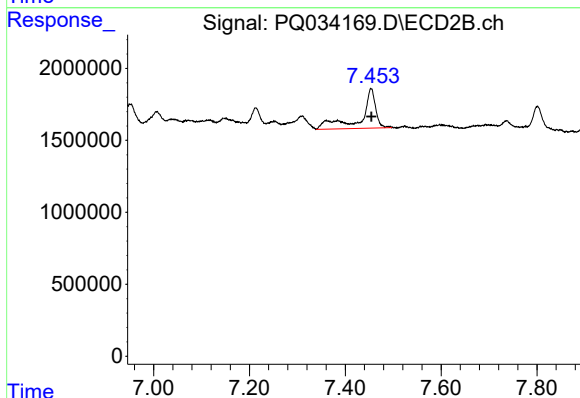
R.T.: 0.000 min  
Exp R.T.: 7.214 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

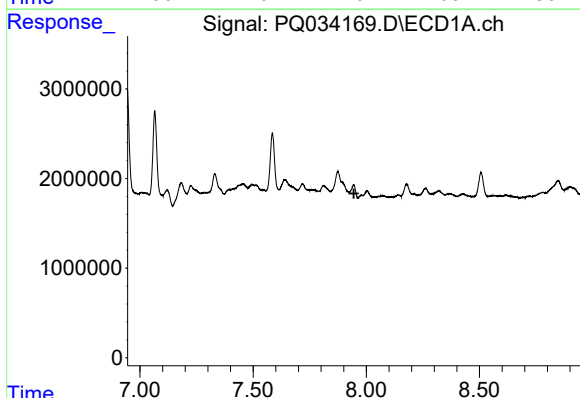
R.T.: 8.507 min  
Delta R.T.: 0.000 min  
Response: 3892999  
Conc: 15.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



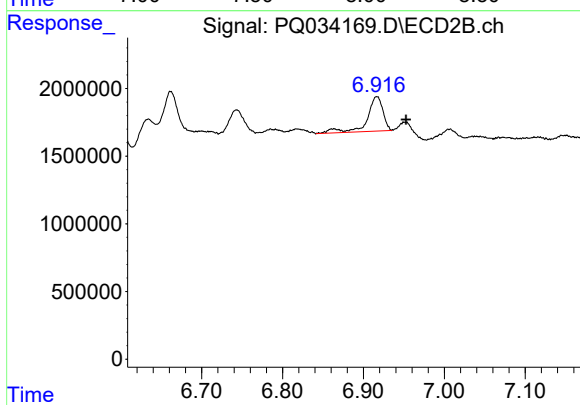
#35 AR-1260-5

R.T.: 7.454 min  
Delta R.T.: 0.000 min  
Response: 5957682  
Conc: 25.64 ng/ml



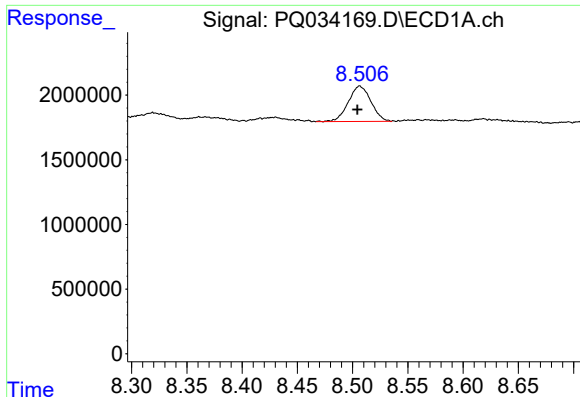
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.945 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

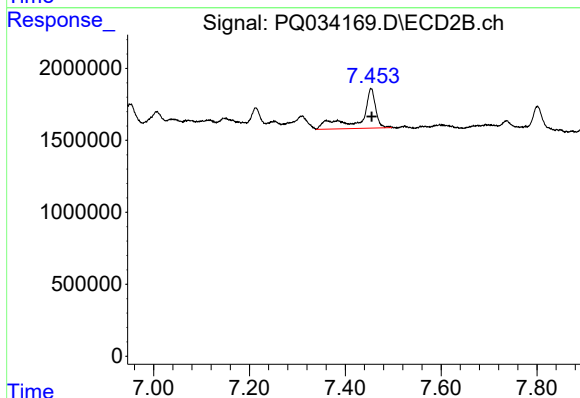
R.T.: 6.917 min  
Delta R.T.: -0.036 min  
Response: 3506941  
Conc: 23.36 ng/ml



#37 AR-1262-2

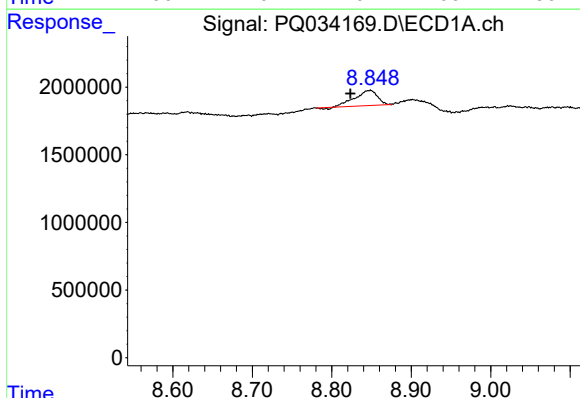
R.T.: 8.507 min  
Delta R.T.: 0.002 min  
Response: 3892999  
Conc: 11.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



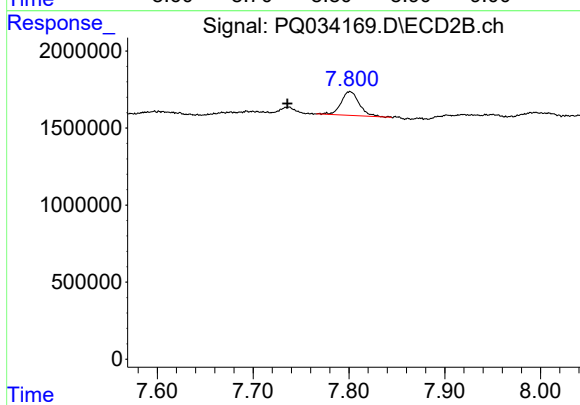
#37 AR-1262-2

R.T.: 7.454 min  
Delta R.T.: 0.000 min  
Response: 5957682  
Conc: 20.67 ng/ml



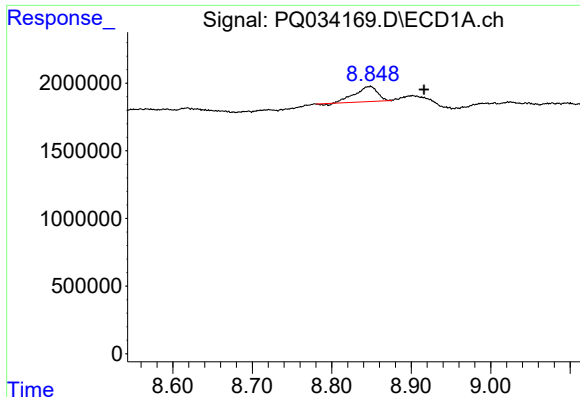
#38 AR-1262-3

R.T.: 8.847 min  
Delta R.T.: 0.024 min  
Response: 2170112  
Conc: 9.77 ng/ml



#38 AR-1262-3

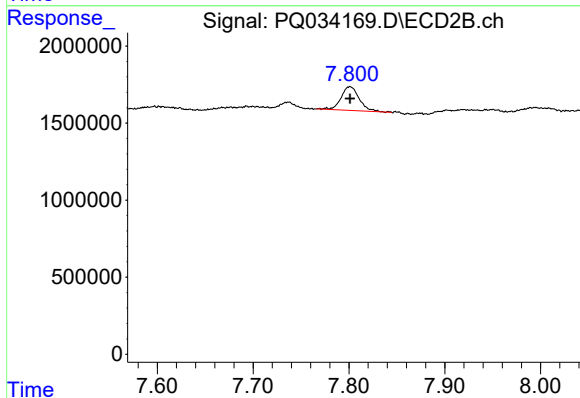
R.T.: 7.801 min  
Delta R.T.: 0.065 min  
Response: 2022913  
Conc: 18.94 ng/ml



#39 AR-1262-4

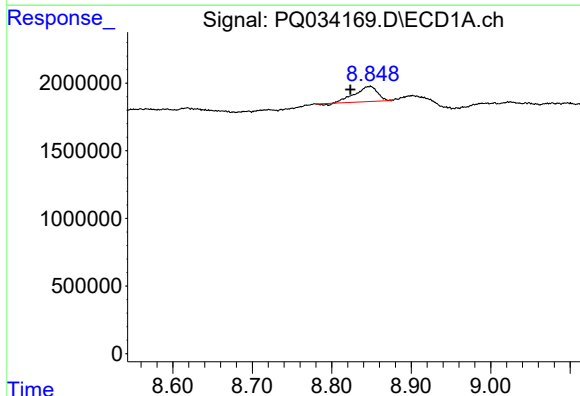
R.T.: 8.847 min  
Delta R.T.: -0.069 min  
Response: 2170112  
Conc: 25.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



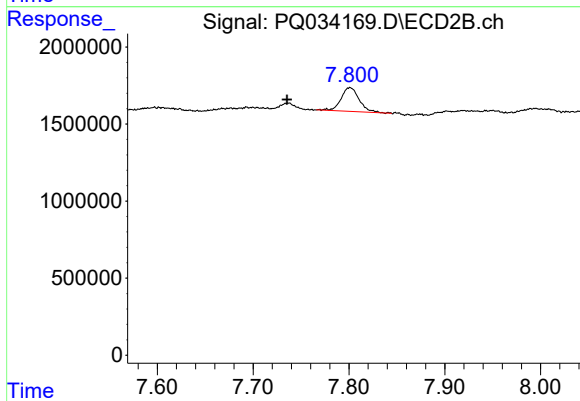
#39 AR-1262-4

R.T.: 7.801 min  
Delta R.T.: 0.000 min  
Response: 2022913  
Conc: 9.88 ng/ml



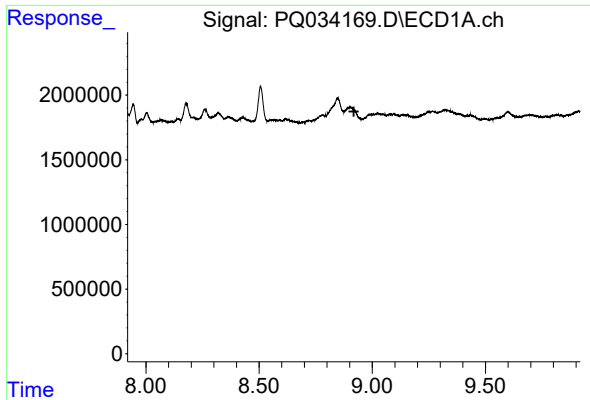
#41 AR-1268-1

R.T.: 8.847 min  
Delta R.T.: 0.024 min  
Response: 2170112  
Conc: 4.92 ng/ml



#41 AR-1268-1

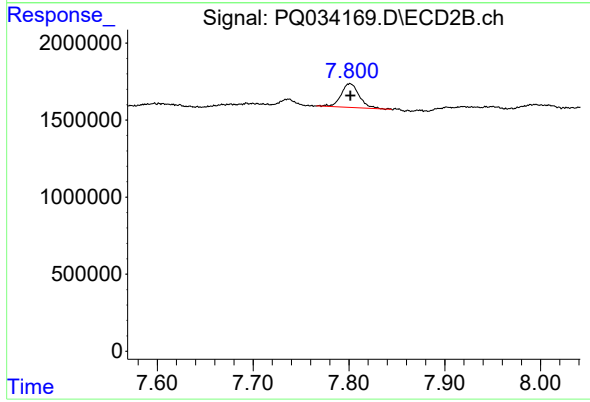
R.T.: 7.801 min  
Delta R.T.: 0.065 min  
Response: 2022913  
Conc: 5.68 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.919 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#42 AR-1268-2

R.T.: 7.801 min  
Delta R.T.: 0.000 min  
Response: 2022913  
Conc: 6.33 ng/ml