

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ012619\  
 Data File : PQ036765.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jan 2019 17:25  
 Operator : SM\SJ  
 Sample : K1015-13  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 SU-04-012419-A

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 23:51:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ012419.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jan 24 06:01:26 2019  
 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... | 4.346 | 3.705 | 71236414 | 38880175 | 15.477  | 16.227    |
| 2)                          | SA Decachlor... | 9.948 | 8.645 | 57477472 | 23799713 | 15.766  | 12.651    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.555 | 4.763 | 2430148  | 1699653  | 17.320  | 22.565 #  |
| 4)                          | L1 AR-1016-2    | 5.555 | 4.814 | 2430148  | 3022274  | 11.514  | 27.155 #  |
| 5)                          | L1 AR-1016-3    | 5.555 | 4.973 | 2430148  | 3839278  | 19.605  | 68.077 #  |
| 6)                          | L1 AR-1016-4    | 5.651 | 5.005 | 1490672  | 2321943  | 14.990  | 51.400 #  |
| 7)                          | L1 AR-1016-5    | 5.925 | 5.167 | 6636881  | 3868576  | 67.233  | 66.323    |
| 9)                          | L2 AR-1221-2    | 4.651 | 0.000 | 1106015  | 0        | 32.852  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.268 | 4.814 | 5554611  | 3022274  | 118.186 | 56.346 #  |
| 13)                         | L3 AR-1232-3    | 5.555 | 4.973 | 2430148  | 3839278  | 24.543  | 150.293 # |
| 14)                         | L3 AR-1232-4    | 5.651 | 5.005 | 1490672  | 2321943  | 32.034  | 98.074 #  |
| 15)                         | L3 AR-1232-5    | 5.812 | 5.167 | 2834401  | 3868576  | 82.582  | 153.130 # |
| 16)                         | L4 AR-1242-1    | 5.555 | 4.763 | 2430148  | 1699653  | 20.966  | 27.065 #  |
| 17)                         | L4 AR-1242-2    | 5.555 | 4.814 | 2430148  | 3022274  | 13.707  | 32.383 #  |
| 18)                         | L4 AR-1242-3    | 5.555 | 4.973 | 2430148  | 3839278  | 23.431  | 82.050 #  |
| 19)                         | L4 AR-1242-4    | 5.651 | 5.005 | 1490672  | 2321943  | 17.722  | 50.819 #  |
| 20)                         | L4 AR-1242-5    | 6.450 | 5.579 | 3344097  | 3800075  | 36.855  | 67.885 #  |
| 21)                         | L5 AR-1248-1    | 5.555 | 4.763 | 2430148  | 1699653  | 27.043  | 34.465 #  |
| 22)                         | L5 AR-1248-2    | 5.812 | 5.005 | 2834401  | 2321943  | 23.231  | 35.788 #  |
| 23)                         | L5 AR-1248-3    | 5.925 | 5.005 | 6636881  | 2321943  | 48.327  | 35.039 #  |
| 24)                         | L5 AR-1248-4    | 6.362 | 5.167 | 8873615  | 3868576  | 56.539  | 48.708    |
| 25)                         | L5 AR-1248-5    | 6.450 | 5.579 | 3344097  | 3800075  | 22.535  | 48.095 #  |
| 26)                         | L6 AR-1254-1    | 6.362 | 5.579 | 8873615  | 3800075  | 50.041  | 28.384 #  |
| 27)                         | L6 AR-1254-2    | 6.568 | 5.732 | 10214149 | 5404103  | 39.209  | 48.835    |
| 28)                         | L6 AR-1254-3    | 6.943 | 6.126 | 7055891  | 2435232  | 26.354  | 13.529 #  |
| 32)                         | L7 AR-1260-2    | 7.348 | 6.464 | 11265131 | 558336   | 48.779  | 3.972 #   |
| 34)                         | L7 AR-1260-4    | 7.926 | 0.000 | 4464464  | 0        | 26.221  | N.D. #    |
| -----                       |                 |       |       |          |          |         |           |

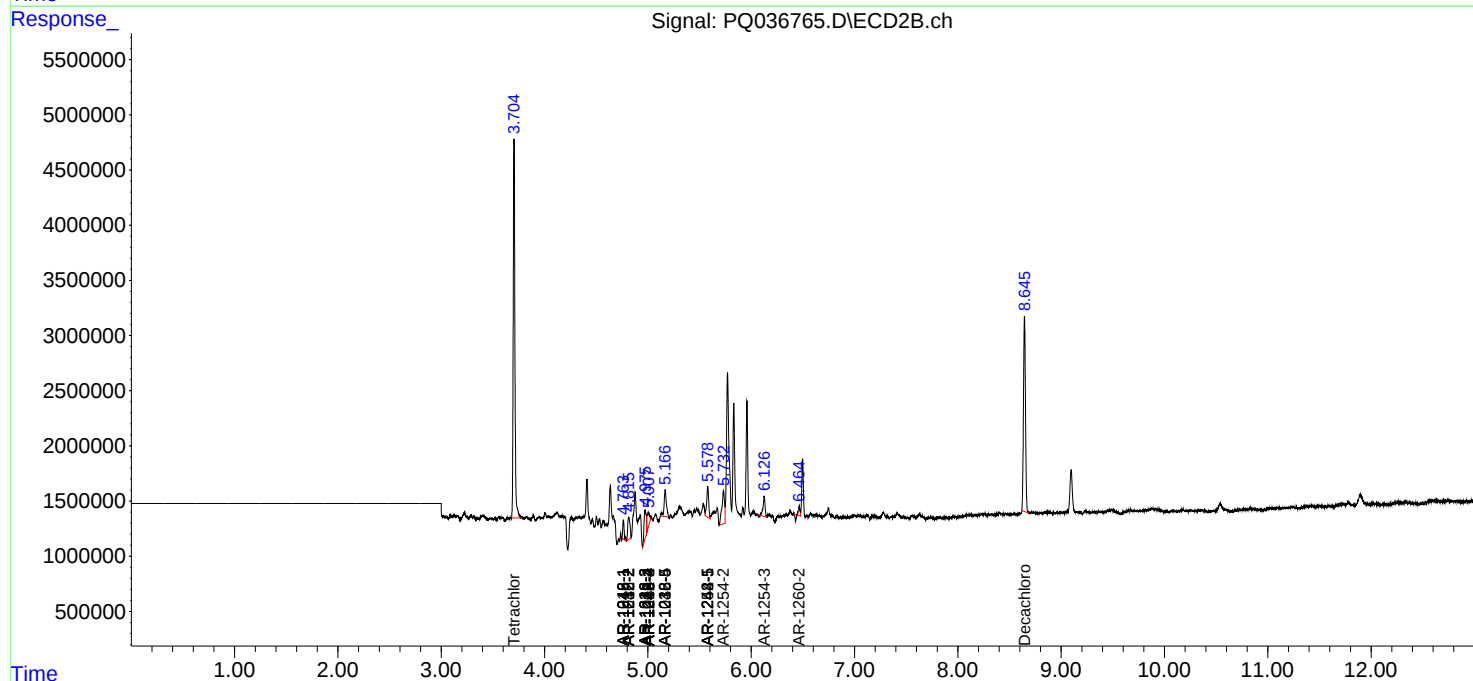
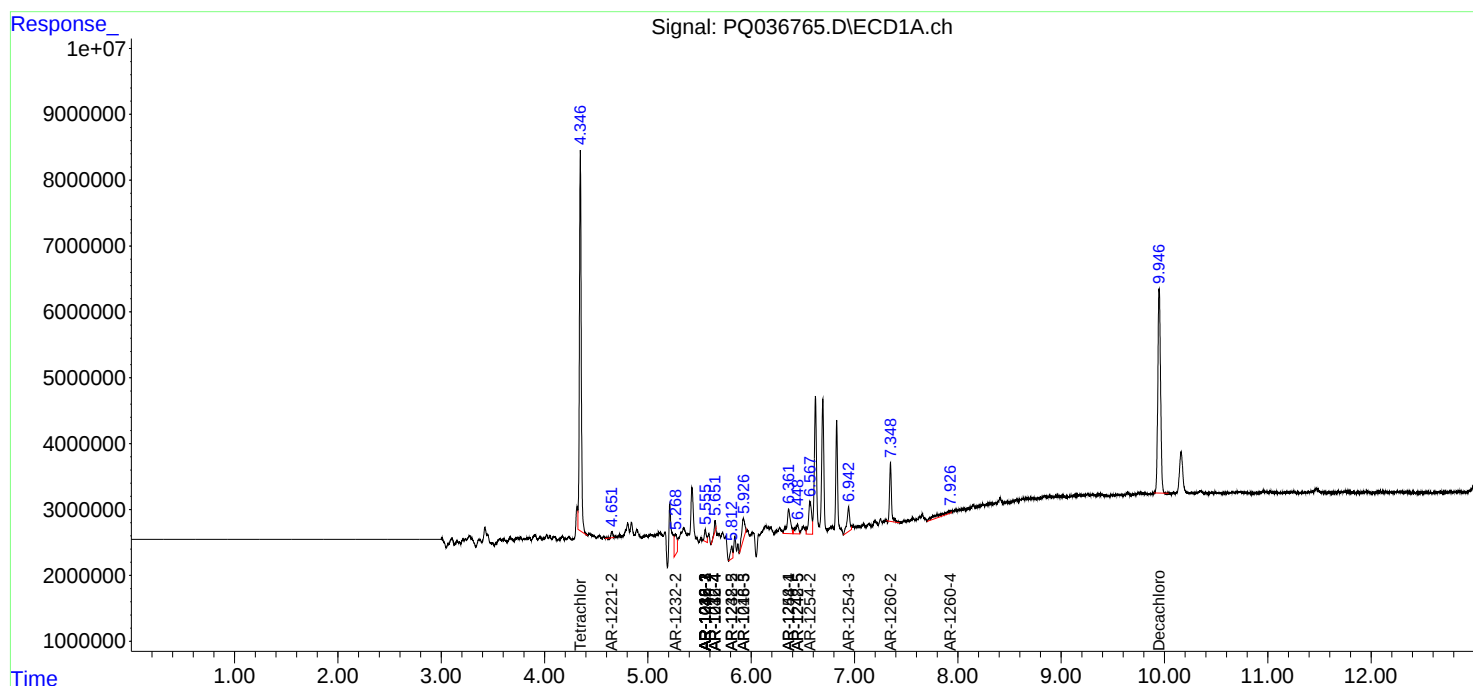
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

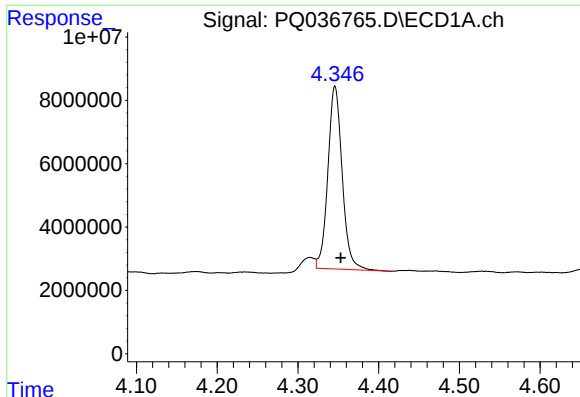
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ012619\  
Data File : PQ036765.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jan 2019 17:25  
Operator : SM\SJ  
Sample : K1015-13  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 27 23:51:13 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ012419.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jan 24 06:01:26 2019  
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

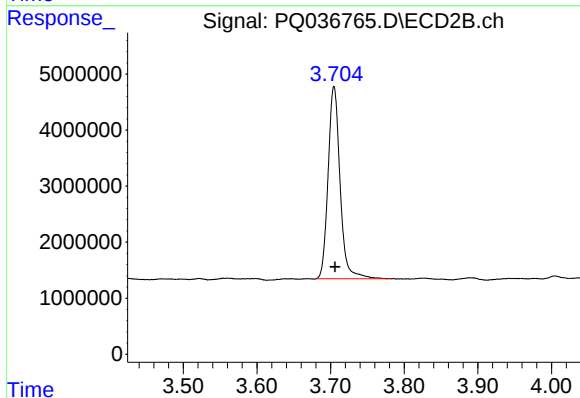




#1 Tetrachloro-m-xylene

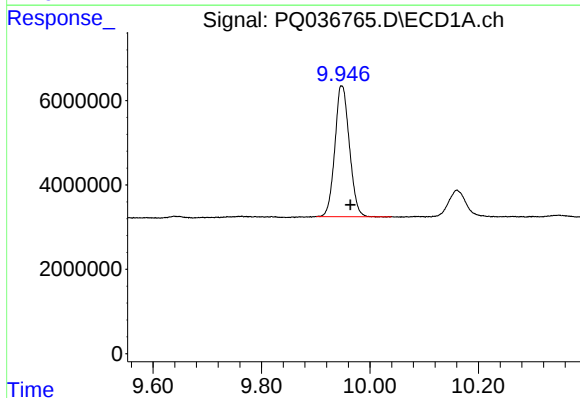
R.T.: 4.346 min  
Delta R.T.: -0.007 min  
Response: 71236414  
Conc: 15.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



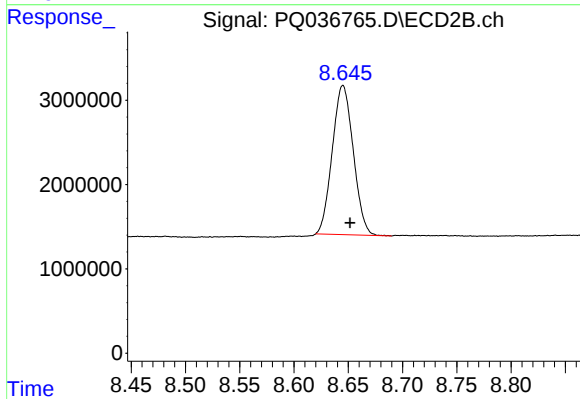
#1 Tetrachloro-m-xylene

R.T.: 3.705 min  
Delta R.T.: -0.001 min  
Response: 38880175  
Conc: 16.23 ng/ml



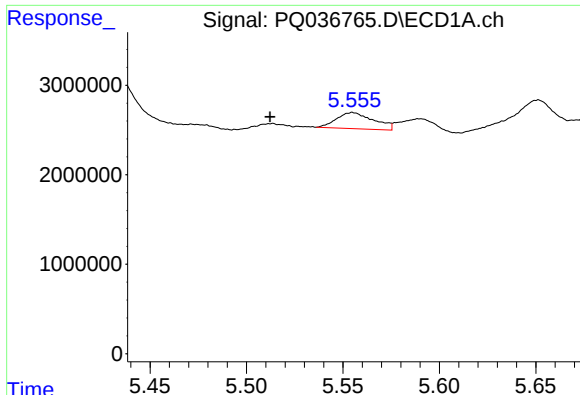
#2 Decachlorobiphenyl

R.T.: 9.948 min  
Delta R.T.: -0.016 min  
Response: 57477472  
Conc: 15.77 ng/ml



#2 Decachlorobiphenyl

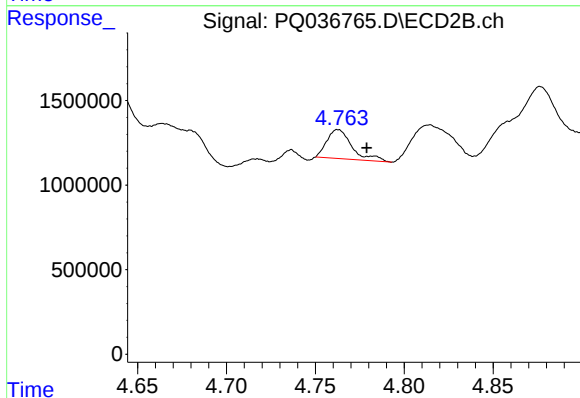
R.T.: 8.645 min  
Delta R.T.: -0.007 min  
Response: 23799713  
Conc: 12.65 ng/ml



#3 AR-1016-1

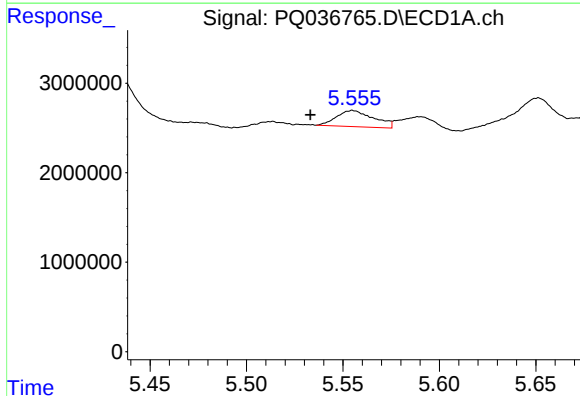
R.T.: 5.555 min  
Delta R.T.: 0.043 min  
Response: 2430148  
Conc: 17.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



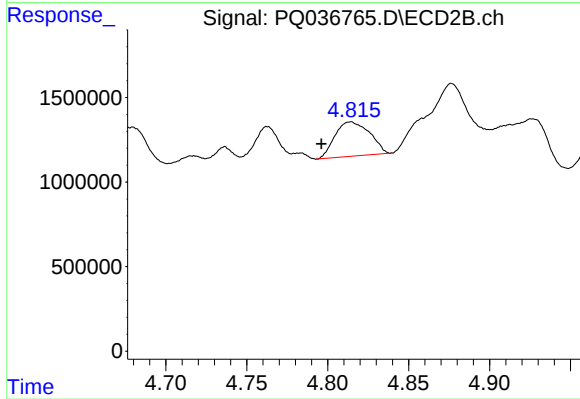
#3 AR-1016-1

R.T.: 4.763 min  
Delta R.T.: -0.016 min  
Response: 1699653  
Conc: 22.57 ng/ml



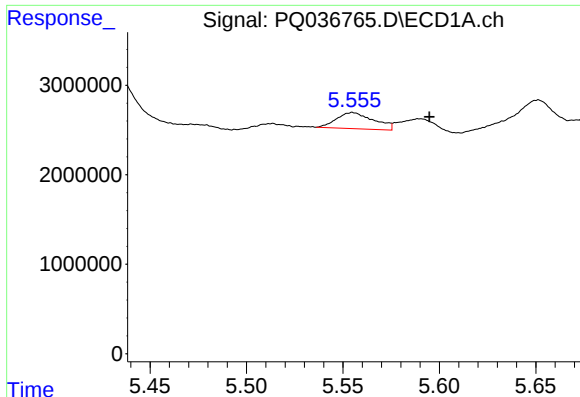
#4 AR-1016-2

R.T.: 5.555 min  
Delta R.T.: 0.022 min  
Response: 2430148  
Conc: 11.51 ng/ml



#4 AR-1016-2

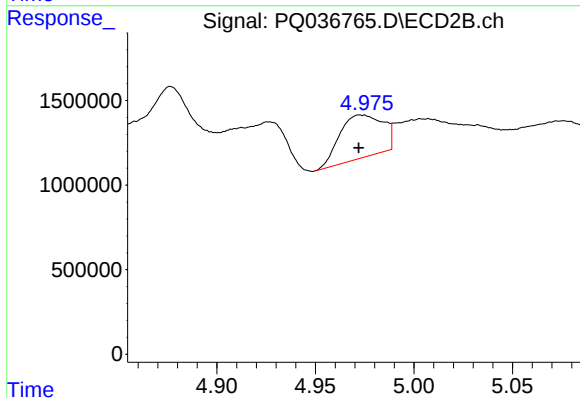
R.T.: 4.814 min  
Delta R.T.: 0.018 min  
Response: 3022274  
Conc: 27.15 ng/ml



#5 AR-1016-3

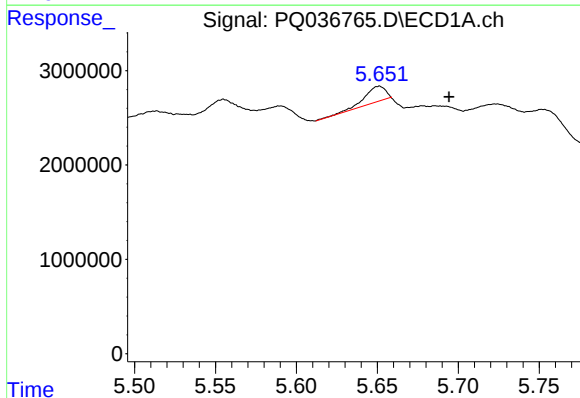
R.T.: 5.555 min  
Delta R.T.: -0.040 min  
Response: 2430148  
Conc: 19.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



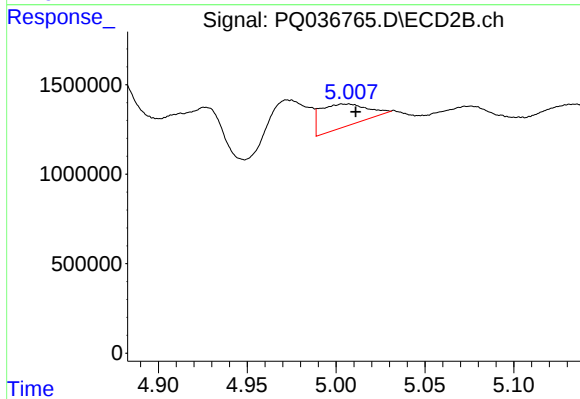
#5 AR-1016-3

R.T.: 4.973 min  
Delta R.T.: 0.001 min  
Response: 3839278  
Conc: 68.08 ng/ml



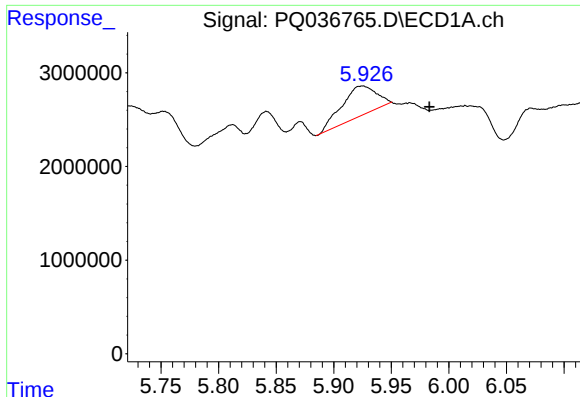
#6 AR-1016-4

R.T.: 5.651 min  
Delta R.T.: -0.043 min  
Response: 1490672  
Conc: 14.99 ng/ml



#6 AR-1016-4

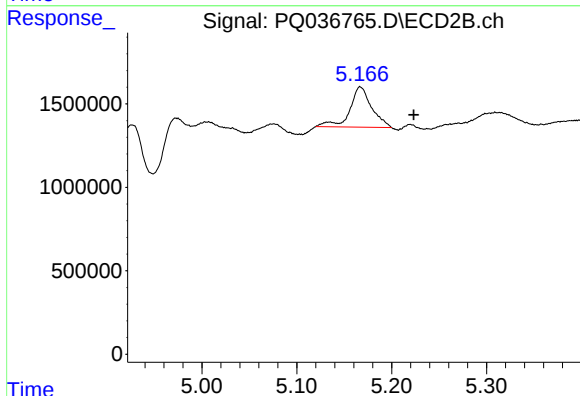
R.T.: 5.005 min  
Delta R.T.: -0.006 min  
Response: 2321943  
Conc: 51.40 ng/ml



#7 AR-1016-5

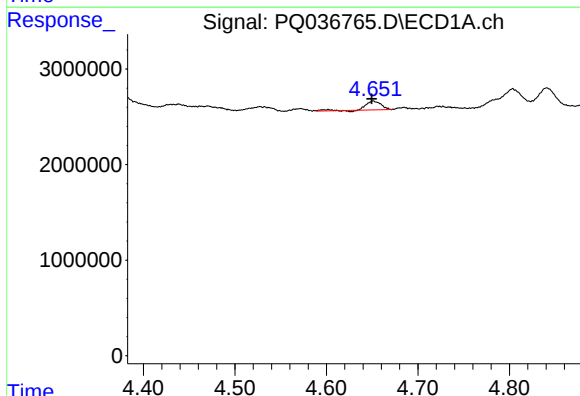
R.T.: 5.925 min  
Delta R.T.: -0.058 min  
Response: 6636881  
Conc: 67.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



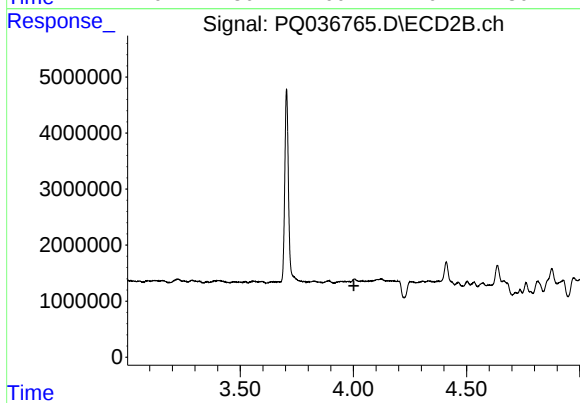
#7 AR-1016-5

R.T.: 5.167 min  
Delta R.T.: -0.056 min  
Response: 3868576  
Conc: 66.32 ng/ml



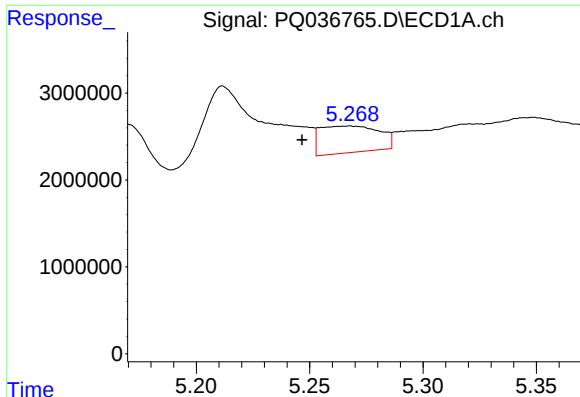
#9 AR-1221-2

R.T.: 4.651 min  
Delta R.T.: 0.002 min  
Response: 1106015  
Conc: 32.85 ng/ml



#9 AR-1221-2

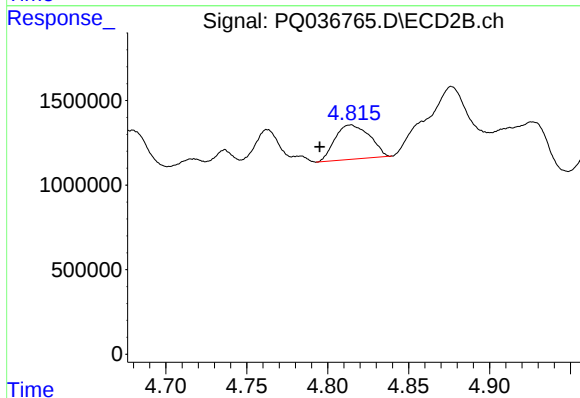
R.T.: 0.000 min  
Exp R.T.: 4.002 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

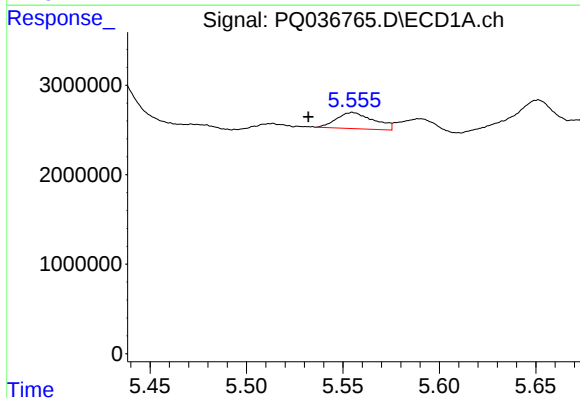
R.T.: 5.268 min  
Delta R.T.: 0.021 min  
Response: 5554611  
Conc: 118.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



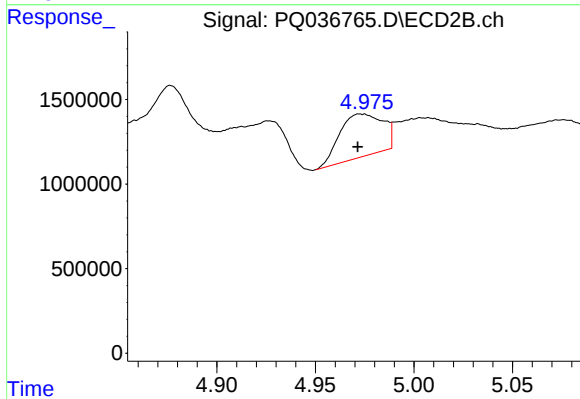
#12 AR-1232-2

R.T.: 4.814 min  
Delta R.T.: 0.019 min  
Response: 3022274  
Conc: 56.35 ng/ml



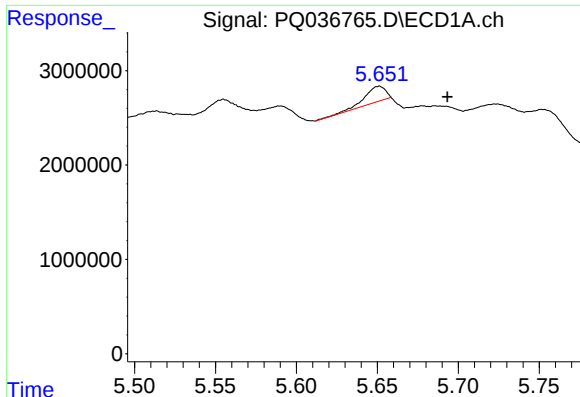
#13 AR-1232-3

R.T.: 5.555 min  
Delta R.T.: 0.023 min  
Response: 2430148  
Conc: 24.54 ng/ml



#13 AR-1232-3

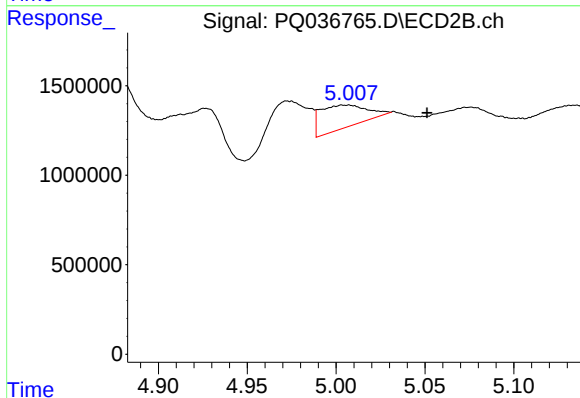
R.T.: 4.973 min  
Delta R.T.: 0.002 min  
Response: 3839278  
Conc: 150.29 ng/ml



#14 AR-1232-4

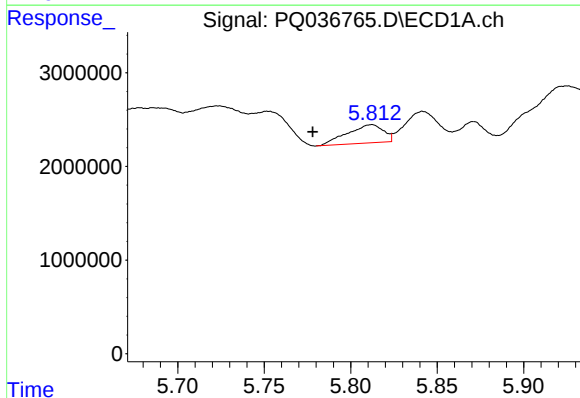
R.T.: 5.651 min  
Delta R.T.: -0.042 min  
Response: 1490672  
Conc: 32.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



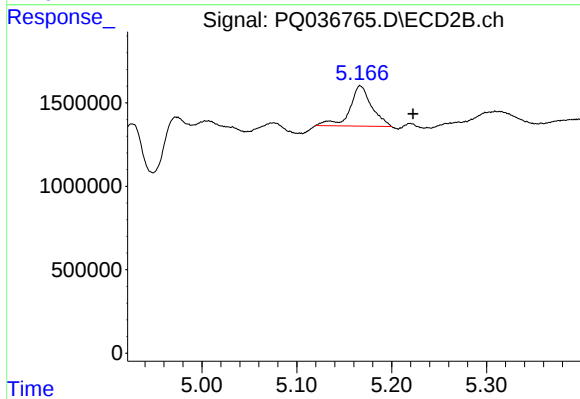
#14 AR-1232-4

R.T.: 5.005 min  
Delta R.T.: -0.046 min  
Response: 2321943  
Conc: 98.07 ng/ml



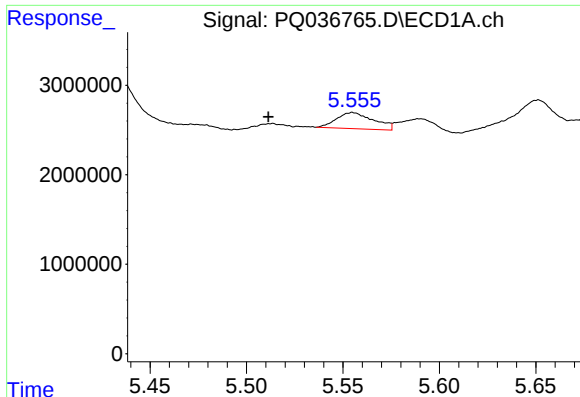
#15 AR-1232-5

R.T.: 5.812 min  
Delta R.T.: 0.034 min  
Response: 2834401  
Conc: 82.58 ng/ml



#15 AR-1232-5

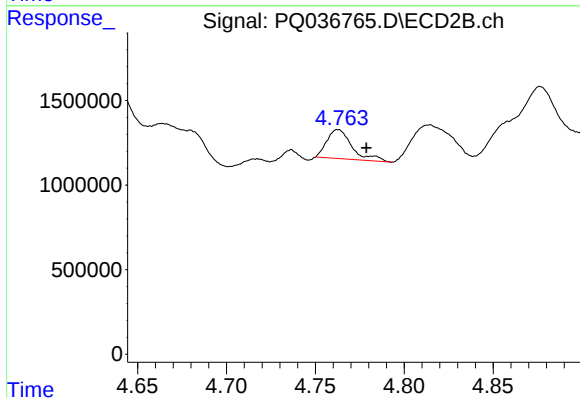
R.T.: 5.167 min  
Delta R.T.: -0.056 min  
Response: 3868576  
Conc: 153.13 ng/ml



#16 AR-1242-1

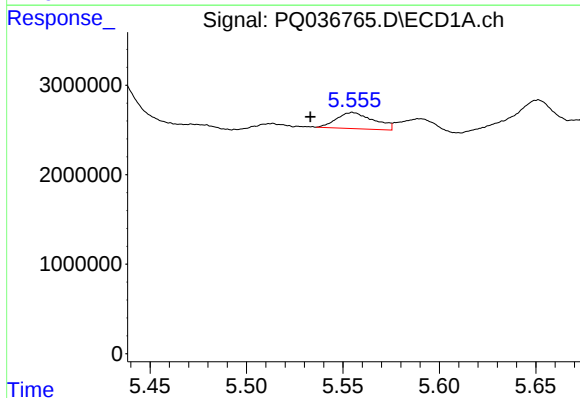
R.T.: 5.555 min  
Delta R.T.: 0.044 min  
Response: 2430148  
Conc: 20.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



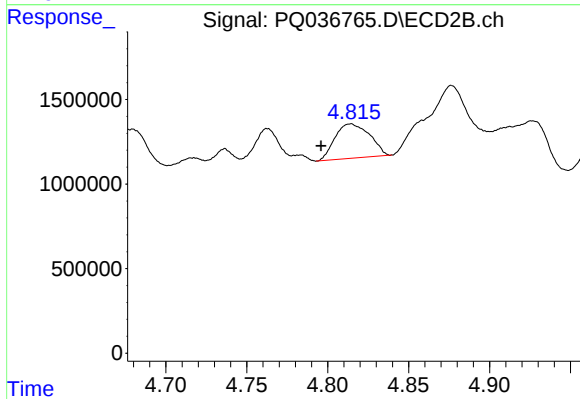
#16 AR-1242-1

R.T.: 4.763 min  
Delta R.T.: -0.016 min  
Response: 1699653  
Conc: 27.06 ng/ml



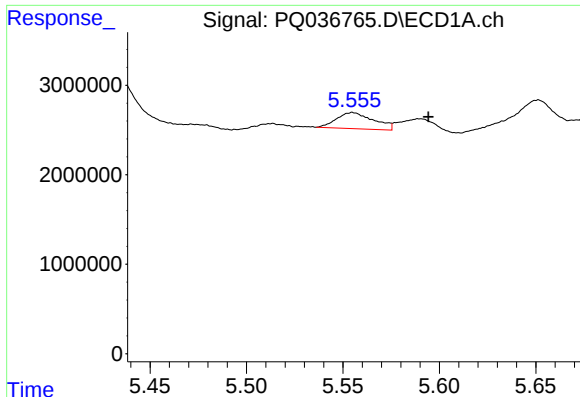
#17 AR-1242-2

R.T.: 5.555 min  
Delta R.T.: 0.022 min  
Response: 2430148  
Conc: 13.71 ng/ml



#17 AR-1242-2

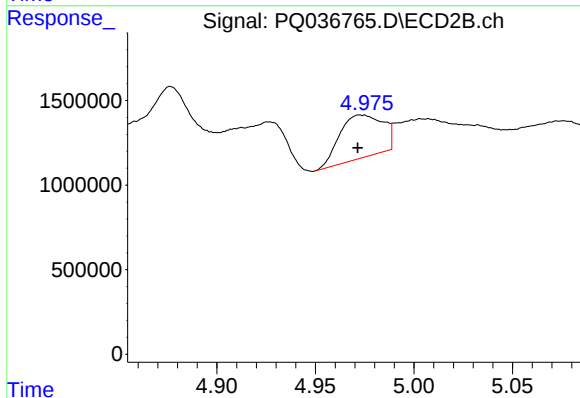
R.T.: 4.814 min  
Delta R.T.: 0.018 min  
Response: 3022274  
Conc: 32.38 ng/ml



#18 AR-1242-3

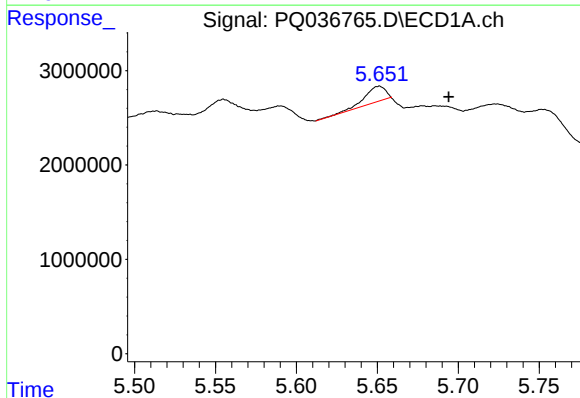
R.T.: 5.555 min  
Delta R.T.: -0.039 min  
Response: 2430148  
Conc: 23.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



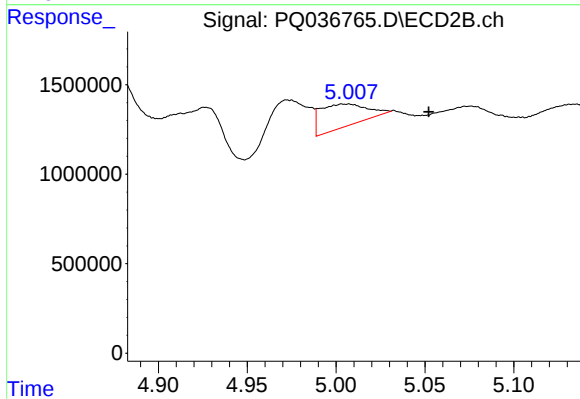
#18 AR-1242-3

R.T.: 4.973 min  
Delta R.T.: 0.002 min  
Response: 3839278  
Conc: 82.05 ng/ml



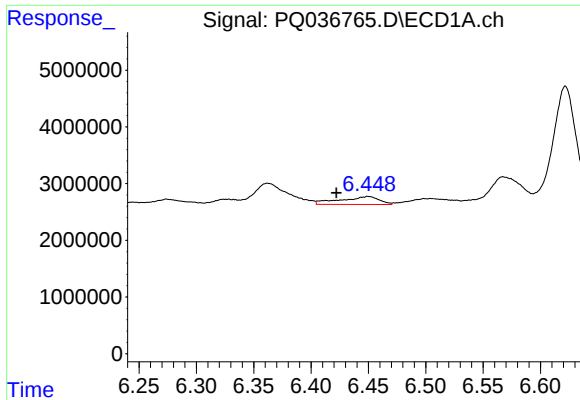
#19 AR-1242-4

R.T.: 5.651 min  
Delta R.T.: -0.043 min  
Response: 1490672  
Conc: 17.72 ng/ml



#19 AR-1242-4

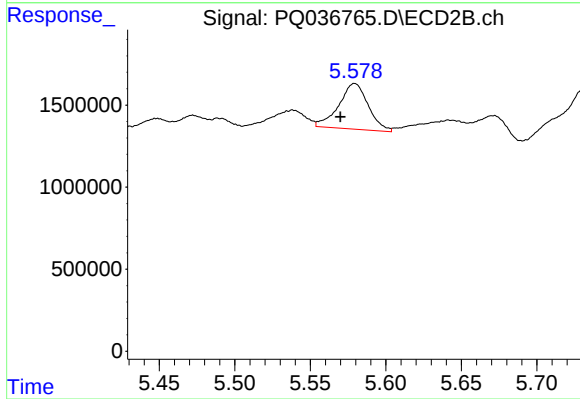
R.T.: 5.005 min  
Delta R.T.: -0.047 min  
Response: 2321943  
Conc: 50.82 ng/ml



#20 AR-1242-5

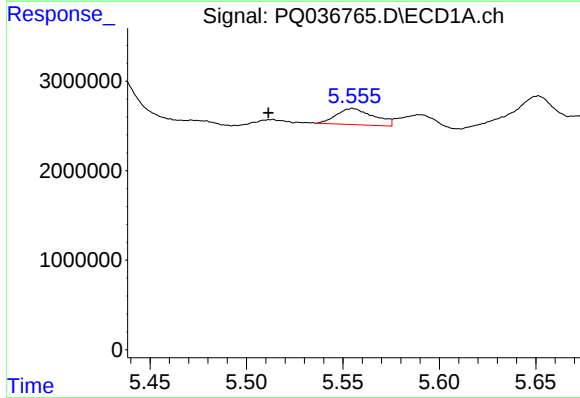
R.T.: 6.450 min  
Delta R.T.: 0.028 min  
Response: 3344097  
Conc: 36.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



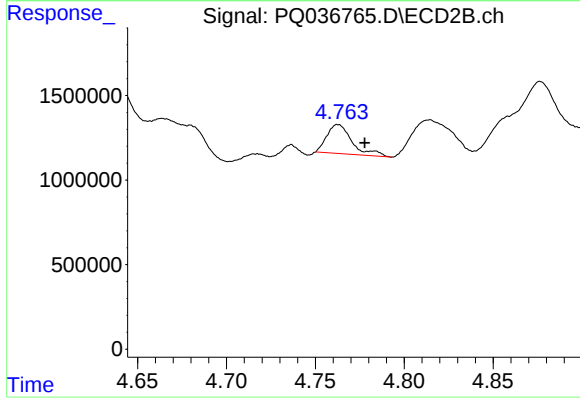
#20 AR-1242-5

R.T.: 5.579 min  
Delta R.T.: 0.009 min  
Response: 3800075  
Conc: 67.88 ng/ml



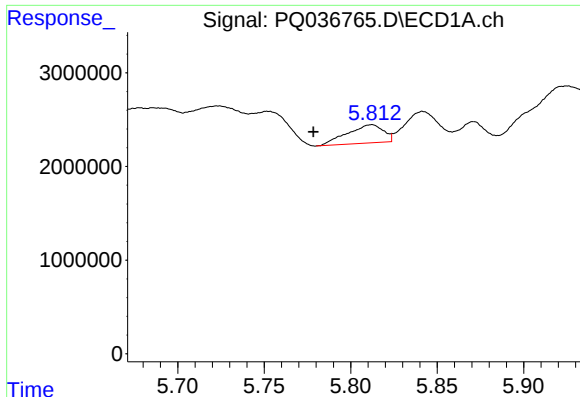
#21 AR-1248-1

R.T.: 5.555 min  
Delta R.T.: 0.044 min  
Response: 2430148  
Conc: 27.04 ng/ml



#21 AR-1248-1

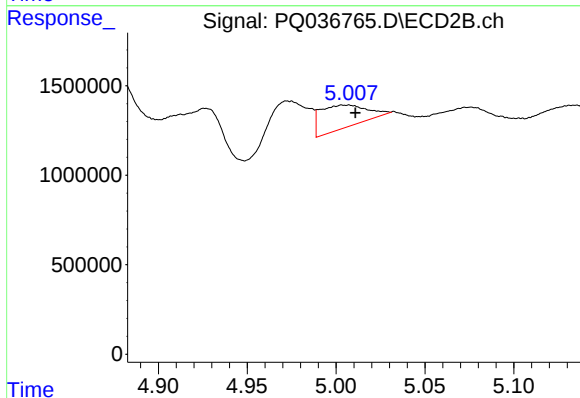
R.T.: 4.763 min  
Delta R.T.: -0.015 min  
Response: 1699653  
Conc: 34.46 ng/ml



#22 AR-1248-2

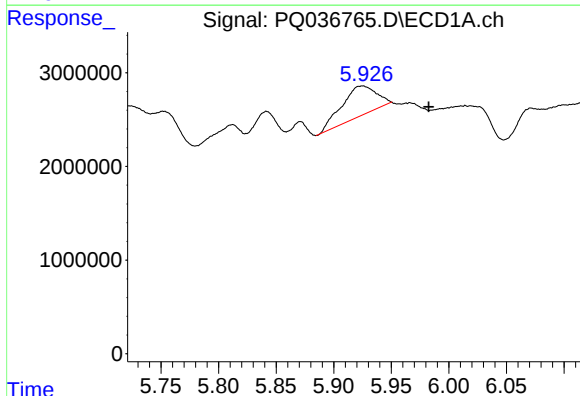
R.T.: 5.812 min  
Delta R.T.: 0.034 min  
Response: 2834401  
Conc: 23.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



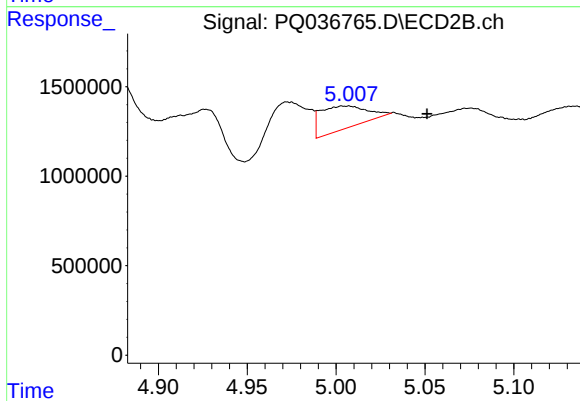
#22 AR-1248-2

R.T.: 5.005 min  
Delta R.T.: -0.005 min  
Response: 2321943  
Conc: 35.79 ng/ml



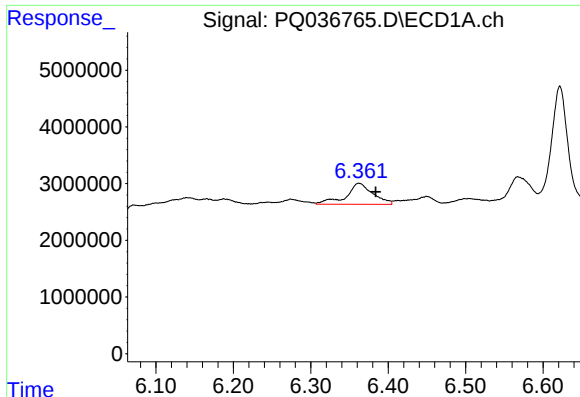
#23 AR-1248-3

R.T.: 5.925 min  
Delta R.T.: -0.057 min  
Response: 6636881  
Conc: 48.33 ng/ml



#23 AR-1248-3

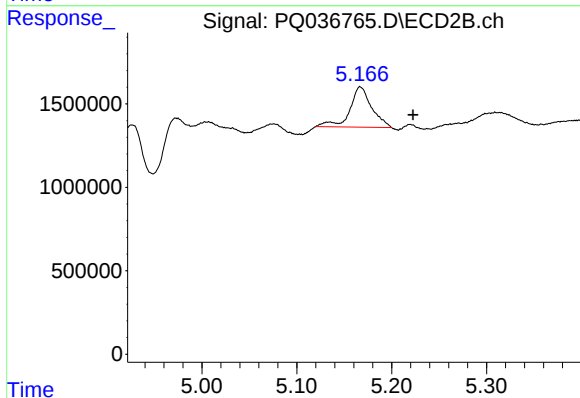
R.T.: 5.005 min  
Delta R.T.: -0.046 min  
Response: 2321943  
Conc: 35.04 ng/ml



#24 AR-1248-4

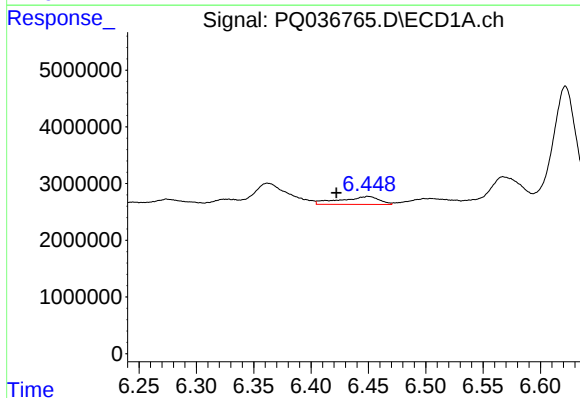
R.T.: 6.362 min  
Delta R.T.: -0.022 min  
Response: 8873615  
Conc: 56.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



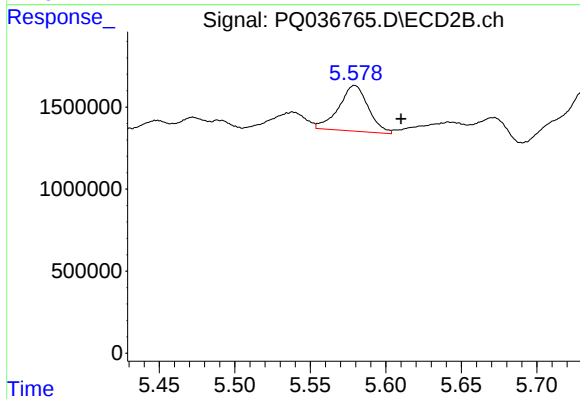
#24 AR-1248-4

R.T.: 5.167 min  
Delta R.T.: -0.056 min  
Response: 3868576  
Conc: 48.71 ng/ml



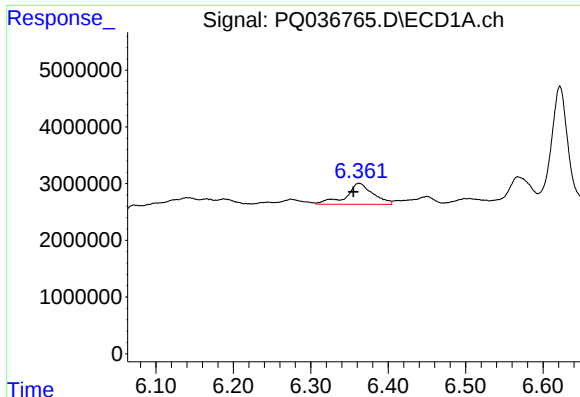
#25 AR-1248-5

R.T.: 6.450 min  
Delta R.T.: 0.028 min  
Response: 3344097  
Conc: 22.53 ng/ml



#25 AR-1248-5

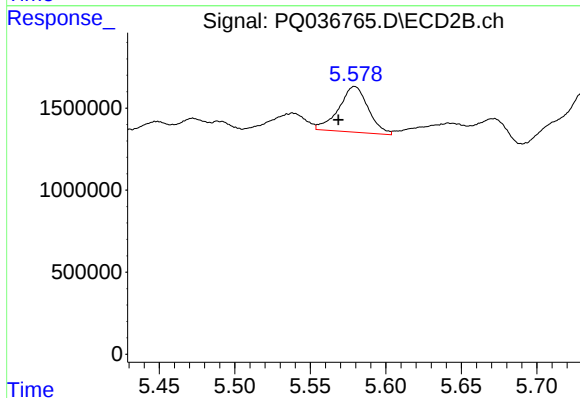
R.T.: 5.579 min  
Delta R.T.: -0.031 min  
Response: 3800075  
Conc: 48.09 ng/ml



#26 AR-1254-1

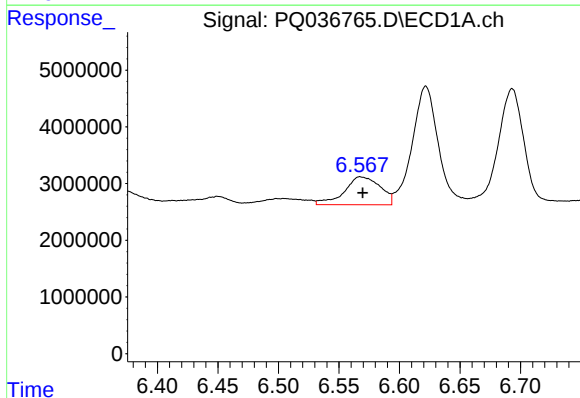
R.T.: 6.362 min  
Delta R.T.: 0.007 min  
Response: 8873615  
Conc: 50.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



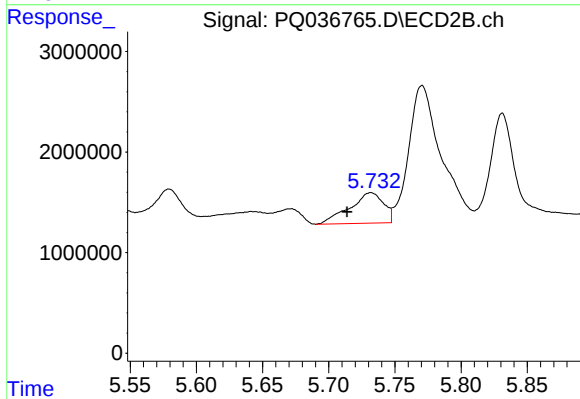
#26 AR-1254-1

R.T.: 5.579 min  
Delta R.T.: 0.011 min  
Response: 3800075  
Conc: 28.38 ng/ml



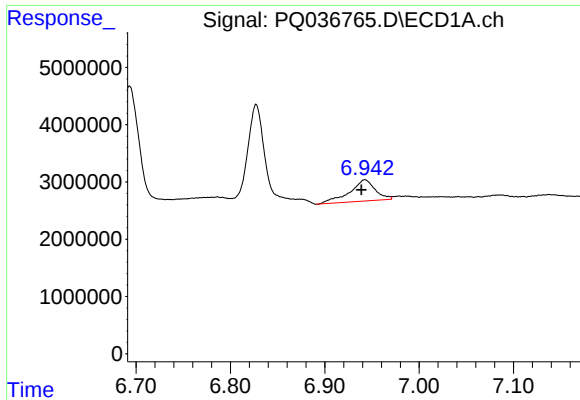
#27 AR-1254-2

R.T.: 6.568 min  
Delta R.T.: -0.002 min  
Response: 10214149  
Conc: 39.21 ng/ml



#27 AR-1254-2

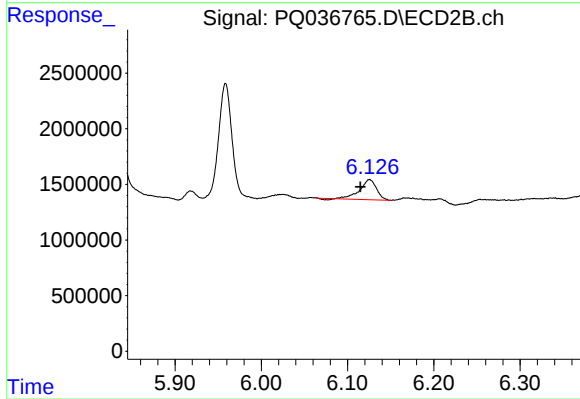
R.T.: 5.732 min  
Delta R.T.: 0.018 min  
Response: 5404103  
Conc: 48.83 ng/ml



#28 AR-1254-3

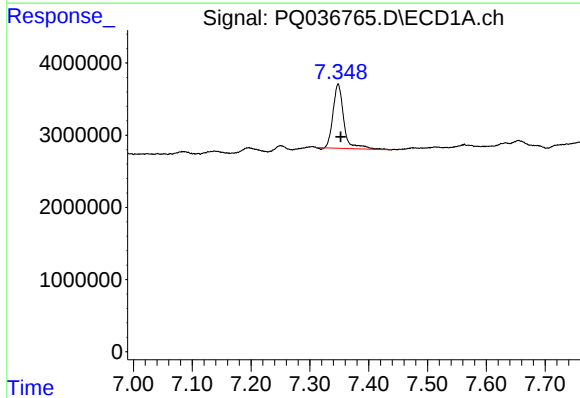
R.T.: 6.943 min  
Delta R.T.: 0.004 min  
Response: 7055891  
Conc: 26.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



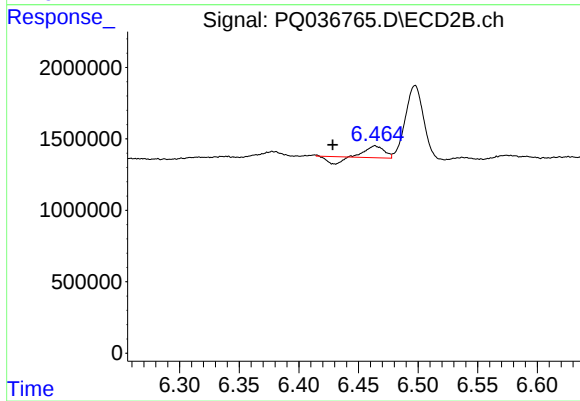
#28 AR-1254-3

R.T.: 6.126 min  
Delta R.T.: 0.011 min  
Response: 2435232  
Conc: 13.53 ng/ml



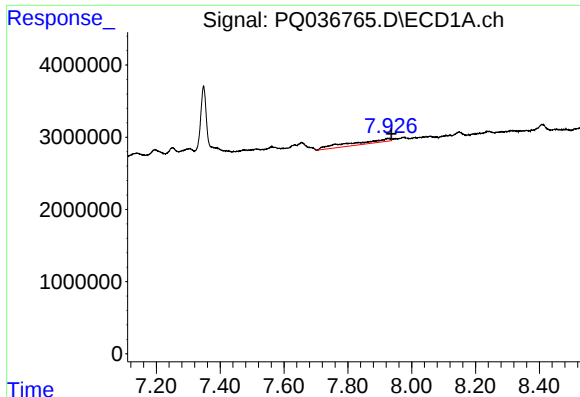
#32 AR-1260-2

R.T.: 7.348 min  
Delta R.T.: -0.004 min  
Response: 11265131  
Conc: 48.78 ng/ml



#32 AR-1260-2

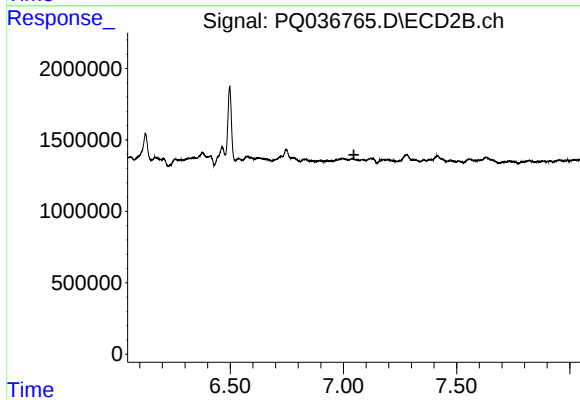
R.T.: 6.464 min  
Delta R.T.: 0.035 min  
Response: 558336  
Conc: 3.97 ng/ml



#34 AR-1260-4

R.T.: 7.926 min  
Delta R.T.: -0.011 min  
Response: 4464464  
Conc: 26.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SU-04-012419-A



#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.046 min  
Response: 0  
Conc: N.D.