

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ020119\  
 Data File : PQ036889.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Feb 2019 12:11  
 Operator : SM\SJ  
 Sample : K1266-08  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 012519-TIPC-F-D-S

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 12:49:19 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... | 4.334 | 3.700 | 70835931 | 35801662 | 15.390  | 14.942    |
| 2)                          | SA Decachlor... | 9.917 | 8.632 | 27226406 | 8961023  | 7.468   | 4.763 #   |
| Target Compounds            |                 |       |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.510 | 4.785 | 4039756  | 3024944  | 28.792  | 40.160 #  |
| 4)                          | L1 AR-1016-2    | 5.510 | 4.785 | 4039756  | 3024944  | 19.141  | 27.179 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 5.001 | 0        | 2279050  | N.D.    | 40.412 #  |
| 6)                          | L1 AR-1016-4    | 5.753 | 5.001 | 2945880  | 2279050  | 29.623  | 50.450 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.284 | 0        | 2769247  | N.D.    | 47.476 #  |
| 8)                          | L2 AR-1221-1    | 4.551 | 3.868 | 1635083  | 1456028  | 35.913  | 57.600 #  |
| 9)                          | L2 AR-1221-2    | 4.622 | 0.000 | 8260008  | 0        | 245.348 | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.729 | 4.084 | 8744701  | 2848743  | 78.220  | 47.294 #  |
| 11)                         | L3 AR-1232-1    | 4.729 | 4.084 | 8744701  | 2848743  | 93.925  | 56.623 #  |
| 12)                         | L3 AR-1232-2    | 5.250 | 4.785 | 2186679  | 3024944  | 46.526  | 56.395    |
| 13)                         | L3 AR-1232-3    | 5.510 | 5.001 | 4039756  | 2279050  | 40.800  | 89.216 #  |
| 14)                         | L3 AR-1232-4    | 5.753 | 5.038 | 2945880  | 1384612  | 63.307  | 58.483    |
| 15)                         | L3 AR-1232-5    | 5.753 | 5.284 | 2945880  | 2769247  | 85.830  | 109.615 # |
| 16)                         | L4 AR-1242-1    | 5.510 | 4.785 | 4039756  | 3024944  | 34.853  | 48.168 #  |
| 17)                         | L4 AR-1242-2    | 5.510 | 4.785 | 4039756  | 3024944  | 22.785  | 32.411 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 5.001 | 0        | 2279050  | N.D.    | 48.706 #  |
| 19)                         | L4 AR-1242-4    | 5.753 | 5.038 | 2945880  | 1384612  | 35.023  | 30.304    |
| 20)                         | L4 AR-1242-5    | 6.399 | 5.557 | 1492862  | 1744752  | 16.453  | 31.168 #  |
| 21)                         | L5 AR-1248-1    | 5.510 | 4.785 | 4039756  | 3024944  | 44.955  | 61.338 #  |
| 22)                         | L5 AR-1248-2    | 5.753 | 5.001 | 2945880  | 2279050  | 24.145  | 35.127 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 5.038 | 0        | 1384612  | N.D.    | 20.894 #  |
| 24)                         | L5 AR-1248-4    | 6.399 | 5.284 | 1492862  | 2769247  | 9.512   | 34.867 #  |
| 25)                         | L5 AR-1248-5    | 6.399 | 5.626 | 1492862  | 2181630  | 10.060  | 27.611 #  |
| 26)                         | L6 AR-1254-1    | 6.361 | 5.557 | 869670   | 1744752  | 4.904   | 13.032 #  |
| 28)                         | L6 AR-1254-3    | 6.915 | 6.155 | 1306626  | 2254676  | 4.880   | 12.526 #  |
| 30)                         | L6 AR-1254-5    | 7.595 | 6.800 | -26228   | 1855746  | N.D.    | 12.357 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 6.225 | 0        | 2200978  | N.D.    | 19.174 #  |
| 32)                         | L7 AR-1260-2    | 7.401 | 0.000 | 2759353  | 0        | 11.948  | N.D. #    |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.609 | 0        | 882187   | N.D.    | 6.883 #   |
| 34)                         | L7 AR-1260-4    | 7.959 | 0.000 | 2945467  | 0        | 17.300  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.227 | 7.265 | 277466   | 2770453  | 0.825   | 12.689 #  |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.800 | 0        | 1855746  | N.D.    | 11.057 #  |
| 37)                         | L8 AR-1262-2    | 8.227 | 7.265 | 277466   | 2770453  | 0.566   | 9.149 #   |
| -----                       |                 |       |       |          |          |         |           |

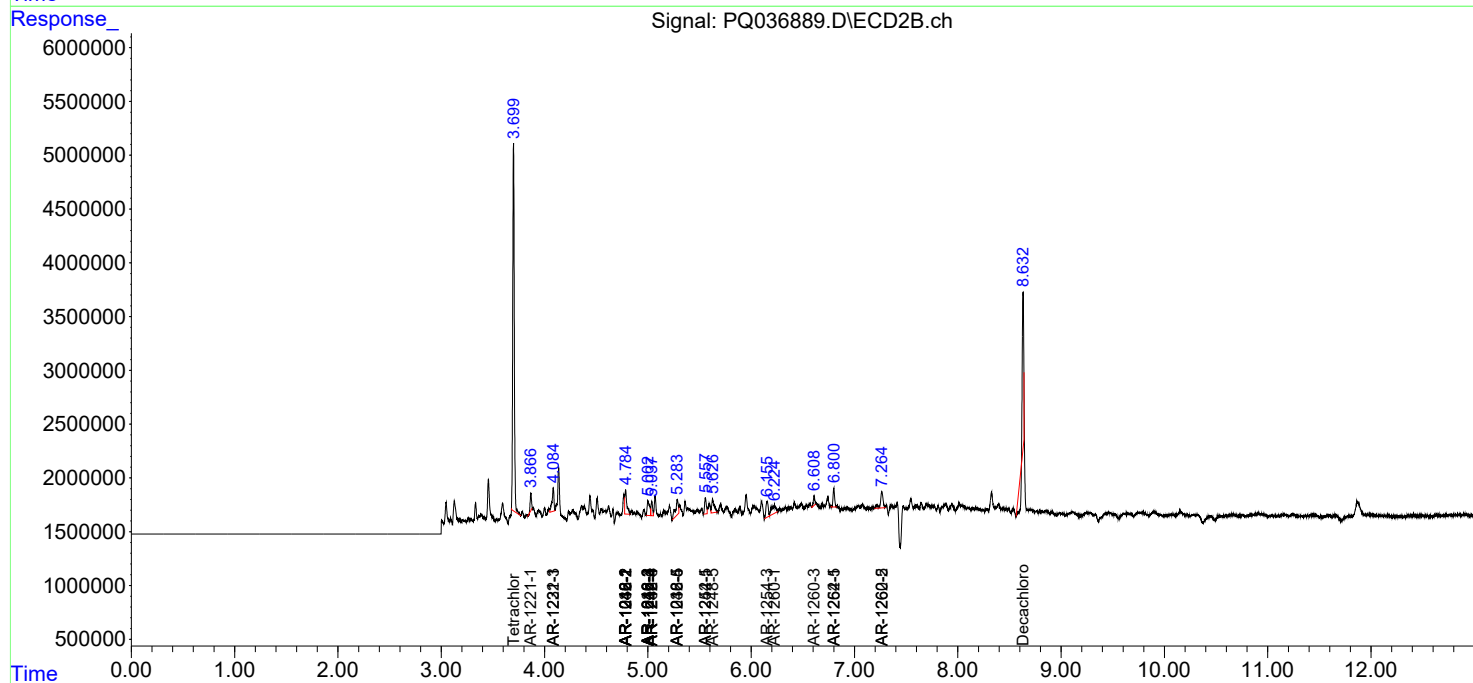
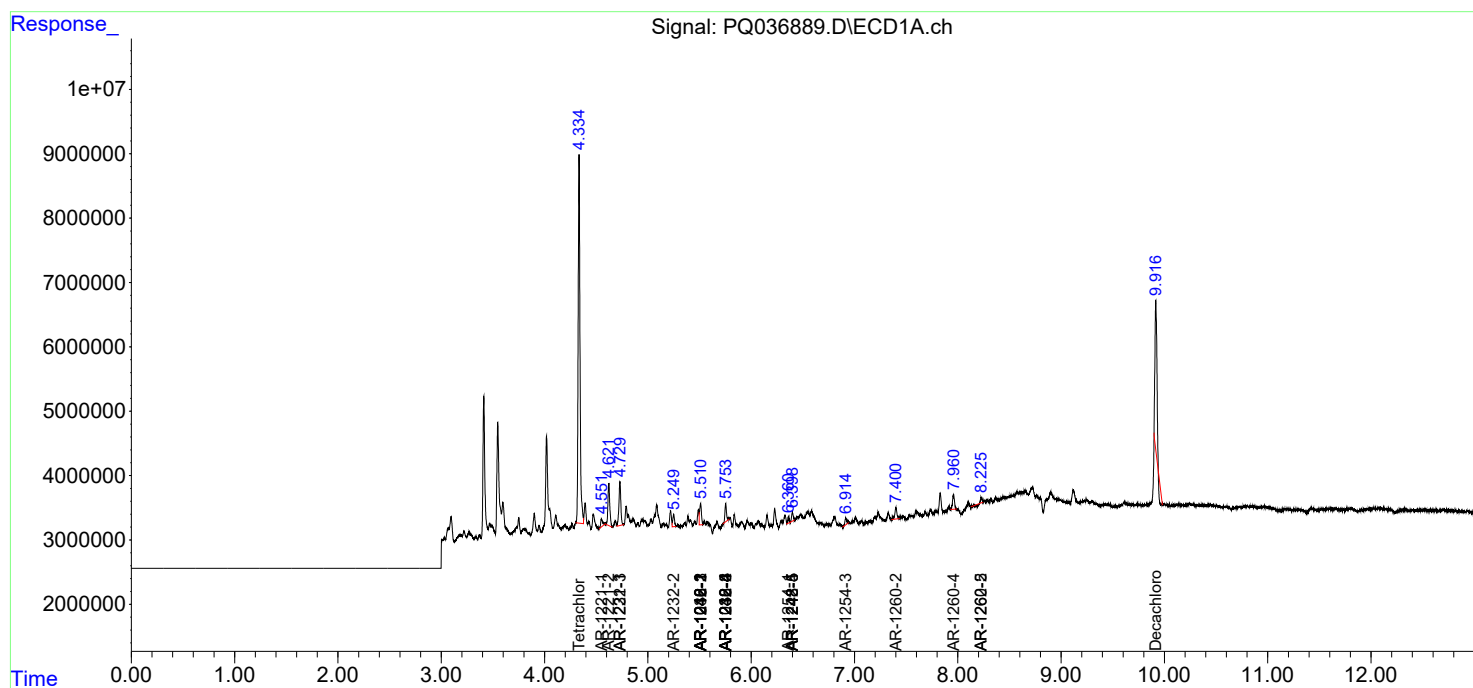
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

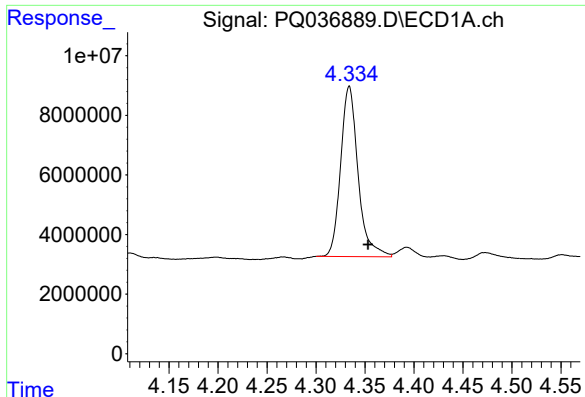
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ020119\  
Data File : PQ036889.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Feb 2019 12:11  
Operator : SM\SJ  
Sample : K1266-08  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 12:49:19 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

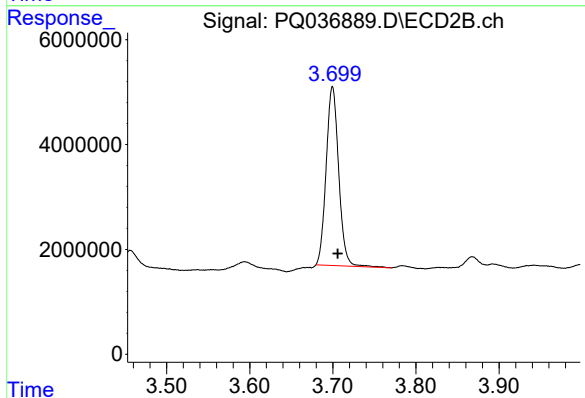




#1 Tetrachloro-m-xylene

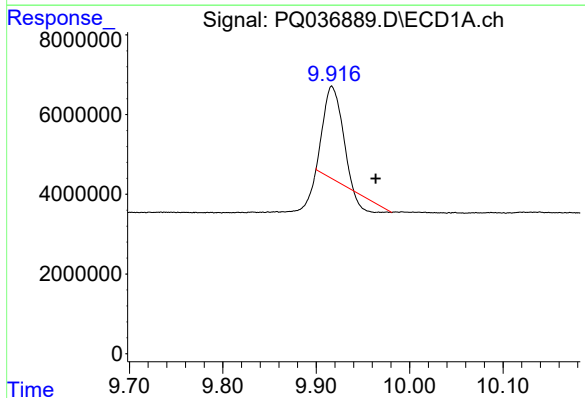
R.T.: 4.334 min  
Delta R.T.: -0.019 min  
Response: 70835931  
Conc: 15.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



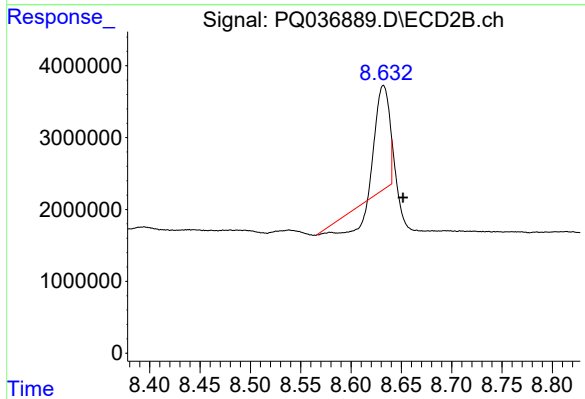
#1 Tetrachloro-m-xylene

R.T.: 3.700 min  
Delta R.T.: -0.007 min  
Response: 35801662  
Conc: 14.94 ng/ml



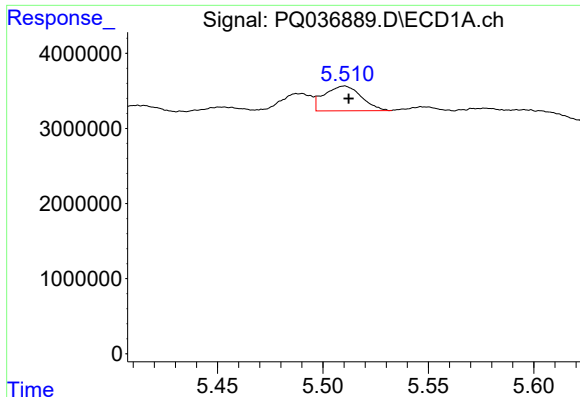
#2 Decachlorobiphenyl

R.T.: 9.917 min  
Delta R.T.: -0.047 min  
Response: 27226406  
Conc: 7.47 ng/ml



#2 Decachlorobiphenyl

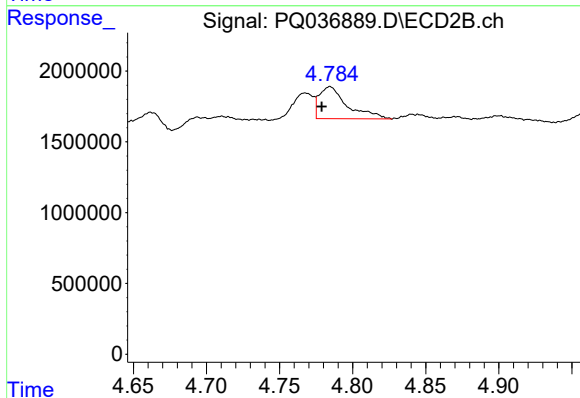
R.T.: 8.632 min  
Delta R.T.: -0.019 min  
Response: 8961023  
Conc: 4.76 ng/ml



#3 AR-1016-1

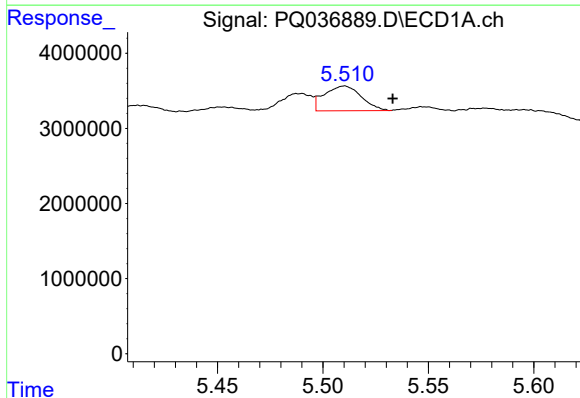
R.T.: 5.510 min  
Delta R.T.: -0.002 min  
Response: 4039756  
Conc: 28.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



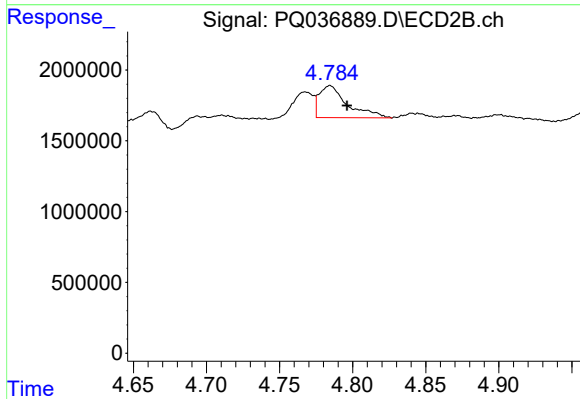
#3 AR-1016-1

R.T.: 4.785 min  
Delta R.T.: 0.006 min  
Response: 3024944  
Conc: 40.16 ng/ml



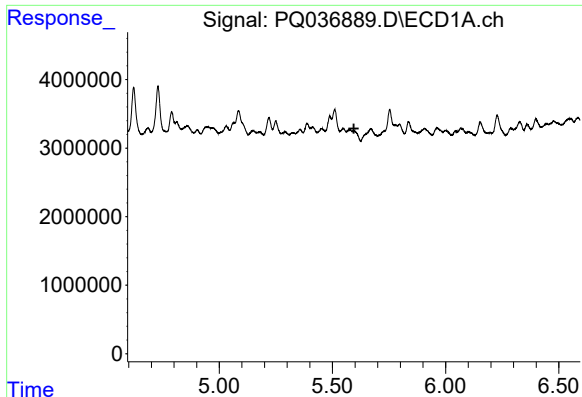
#4 AR-1016-2

R.T.: 5.510 min  
Delta R.T.: -0.023 min  
Response: 4039756  
Conc: 19.14 ng/ml



#4 AR-1016-2

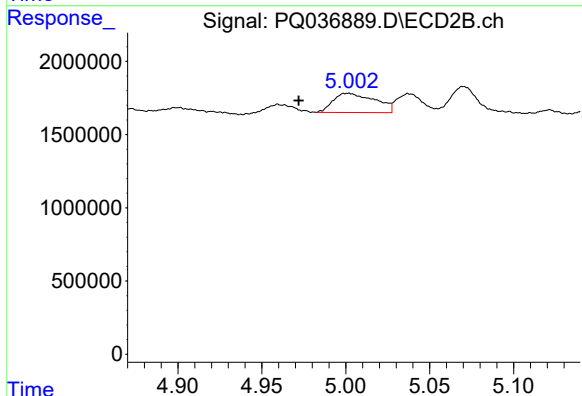
R.T.: 4.785 min  
Delta R.T.: -0.012 min  
Response: 3024944  
Conc: 27.18 ng/ml



#5 AR-1016-3

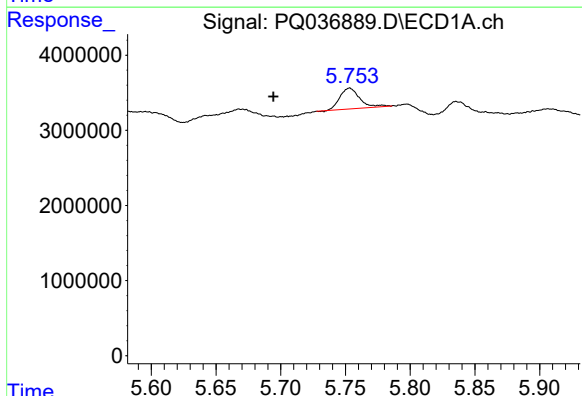
R.T.: 0.000 min  
Exp R.T.: 5.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



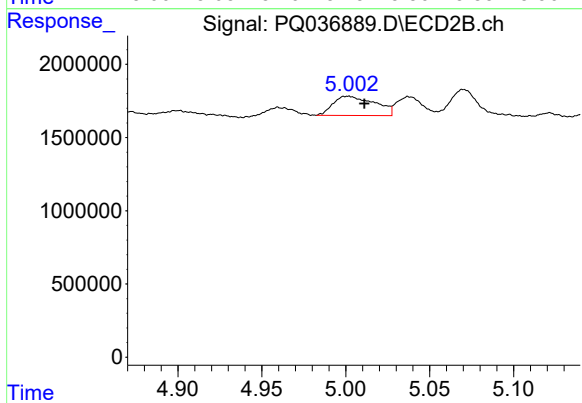
#5 AR-1016-3

R.T.: 5.001 min  
Delta R.T.: 0.029 min  
Response: 2279050  
Conc: 40.41 ng/ml



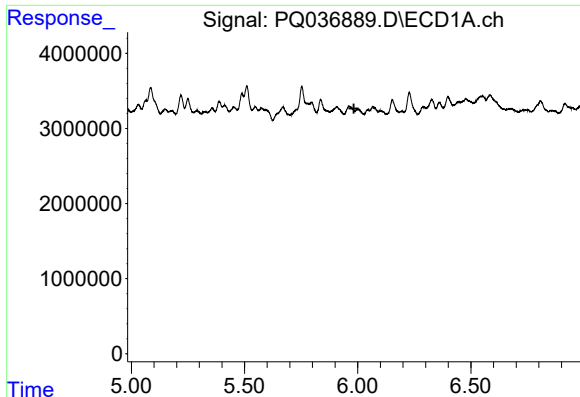
#6 AR-1016-4

R.T.: 5.753 min  
Delta R.T.: 0.059 min  
Response: 2945880  
Conc: 29.62 ng/ml



#6 AR-1016-4

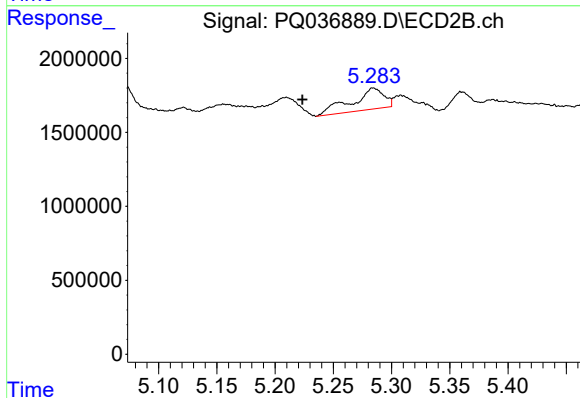
R.T.: 5.001 min  
Delta R.T.: -0.010 min  
Response: 2279050  
Conc: 50.45 ng/ml



#7 AR-1016-5

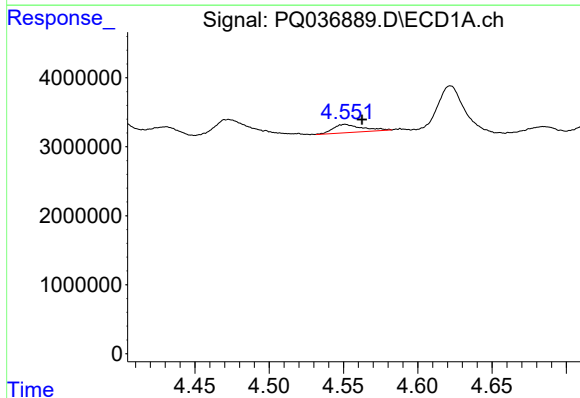
R.T.: 0.000 min  
Exp R.T.: 5.983 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



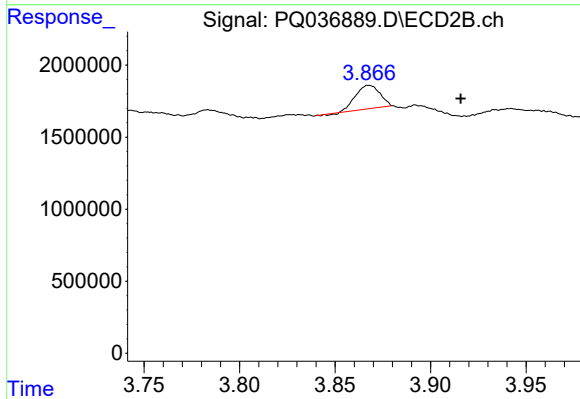
#7 AR-1016-5

R.T.: 5.284 min  
Delta R.T.: 0.061 min  
Response: 2769247  
Conc: 47.48 ng/ml



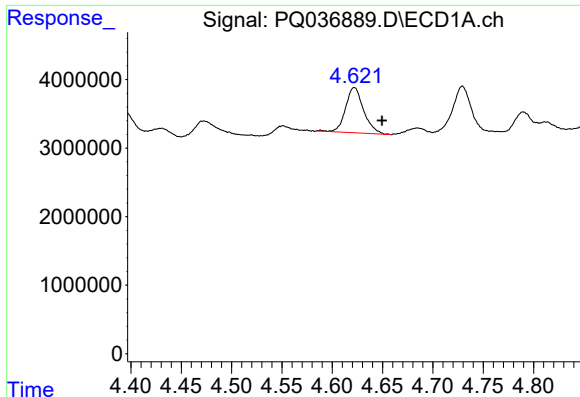
#8 AR-1221-1

R.T.: 4.551 min  
Delta R.T.: -0.012 min  
Response: 1635083  
Conc: 35.91 ng/ml



#8 AR-1221-1

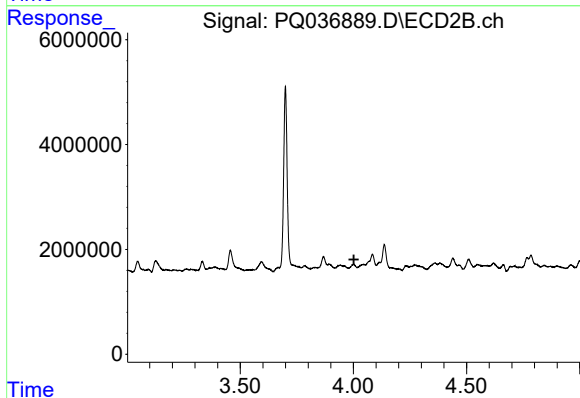
R.T.: 3.868 min  
Delta R.T.: -0.048 min  
Response: 1456028  
Conc: 57.60 ng/ml



#9 AR-1221-2

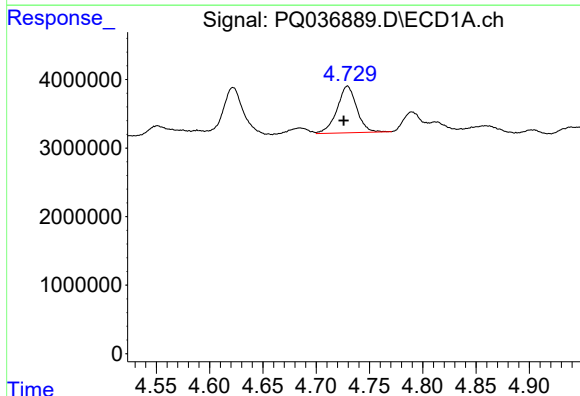
R.T.: 4.622 min  
Delta R.T.: -0.028 min  
Response: 8260008  
Conc: 245.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



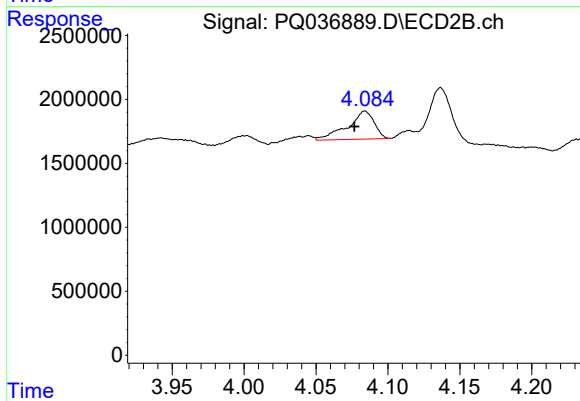
#9 AR-1221-2

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



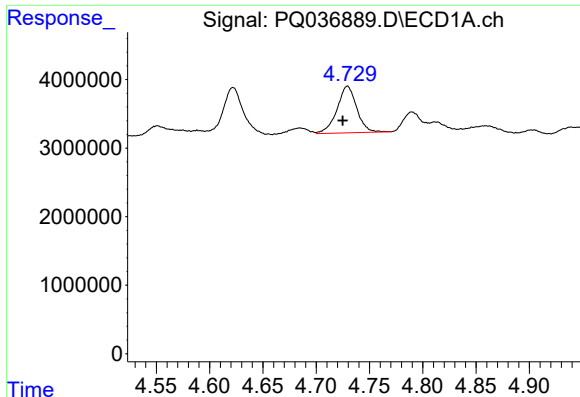
#10 AR-1221-3

R.T.: 4.729 min  
Delta R.T.: 0.003 min  
Response: 8744701  
Conc: 78.22 ng/ml



#10 AR-1221-3

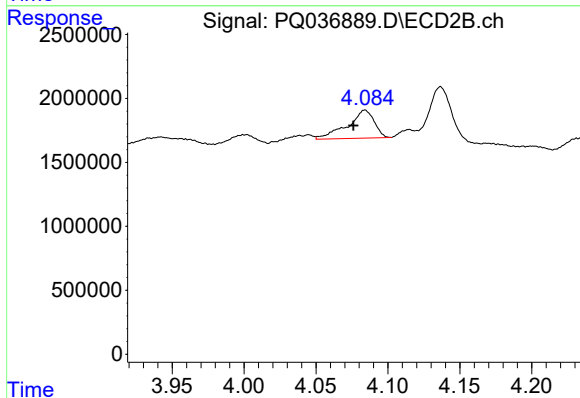
R.T.: 4.084 min  
Delta R.T.: 0.007 min  
Response: 2848743  
Conc: 47.29 ng/ml



#11 AR-1232-1

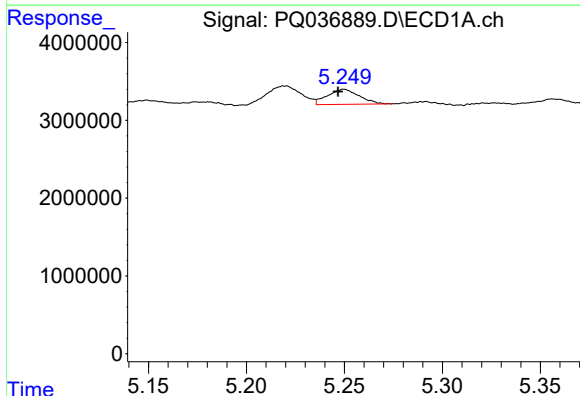
R.T.: 4.729 min  
Delta R.T.: 0.004 min  
Response: 8744701  
Conc: 93.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



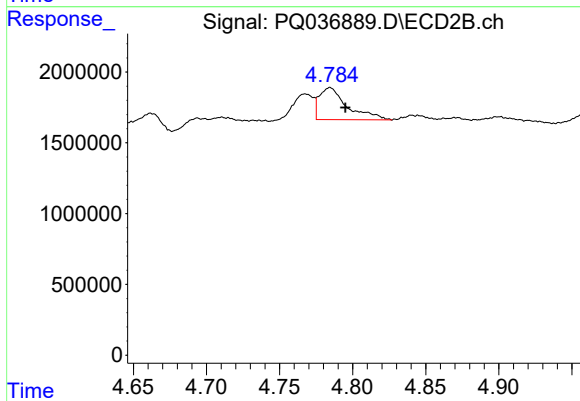
#11 AR-1232-1

R.T.: 4.084 min  
Delta R.T.: 0.008 min  
Response: 2848743  
Conc: 56.62 ng/ml



#12 AR-1232-2

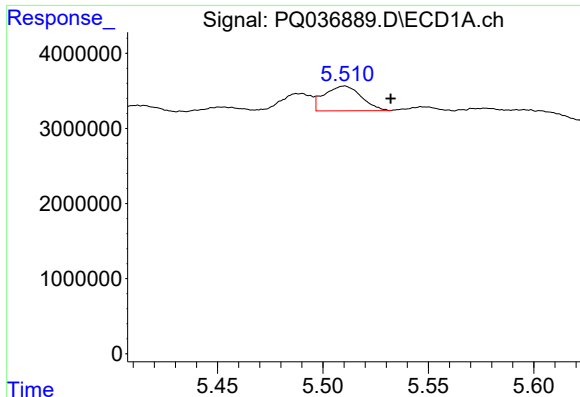
R.T.: 5.250 min  
Delta R.T.: 0.003 min  
Response: 2186679  
Conc: 46.53 ng/ml



#12 AR-1232-2

R.T.: 4.785 min  
Delta R.T.: -0.011 min  
Response: 3024944  
Conc: 56.40 ng/ml

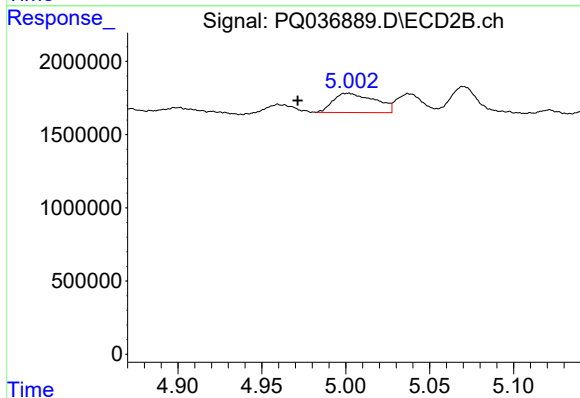




#13 AR-1232-3

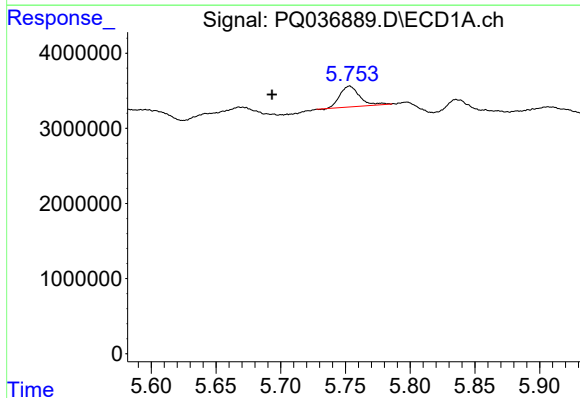
R.T.: 5.510 min  
Delta R.T.: -0.022 min  
Response: 4039756  
Conc: 40.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



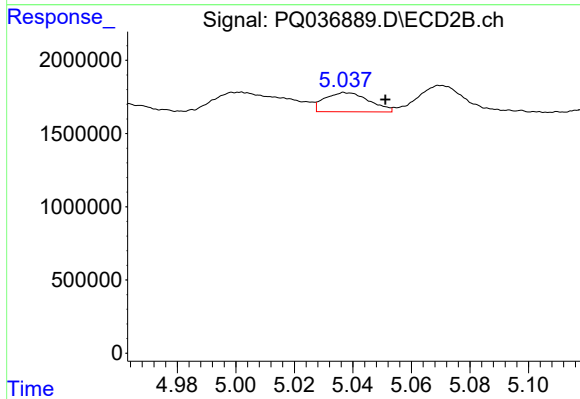
#13 AR-1232-3

R.T.: 5.001 min  
Delta R.T.: 0.030 min  
Response: 2279050  
Conc: 89.22 ng/ml



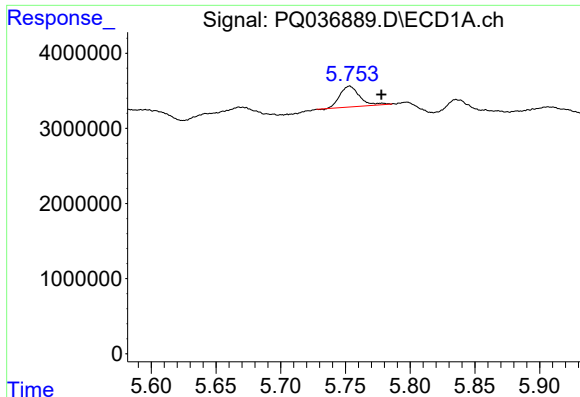
#14 AR-1232-4

R.T.: 5.753 min  
Delta R.T.: 0.060 min  
Response: 2945880  
Conc: 63.31 ng/ml



#14 AR-1232-4

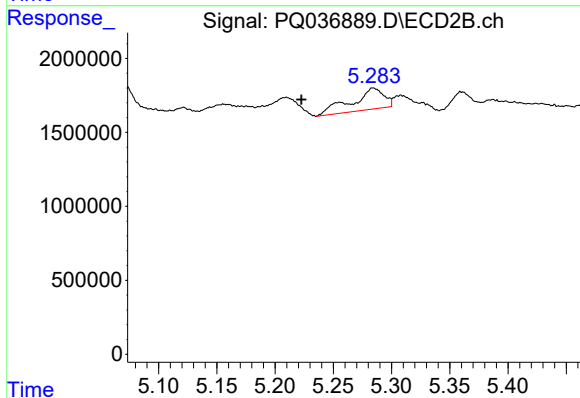
R.T.: 5.038 min  
Delta R.T.: -0.013 min  
Response: 1384612  
Conc: 58.48 ng/ml



#15 AR-1232-5

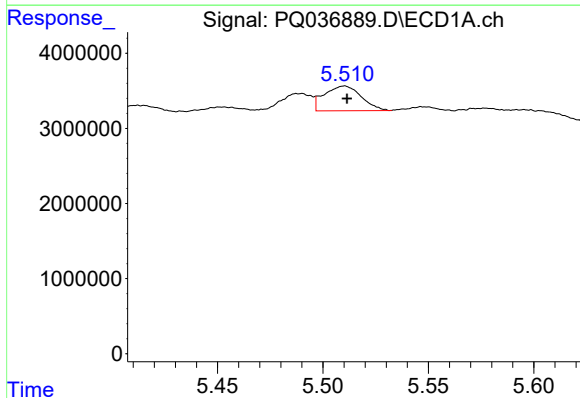
R.T.: 5.753 min  
Delta R.T.: -0.025 min  
Response: 2945880  
Conc: 85.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



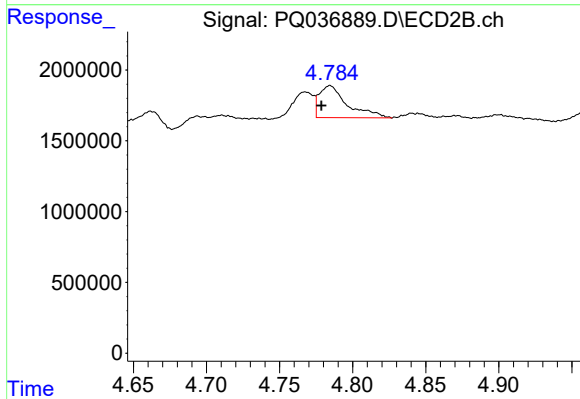
#15 AR-1232-5

R.T.: 5.284 min  
Delta R.T.: 0.062 min  
Response: 2769247  
Conc: 109.62 ng/ml



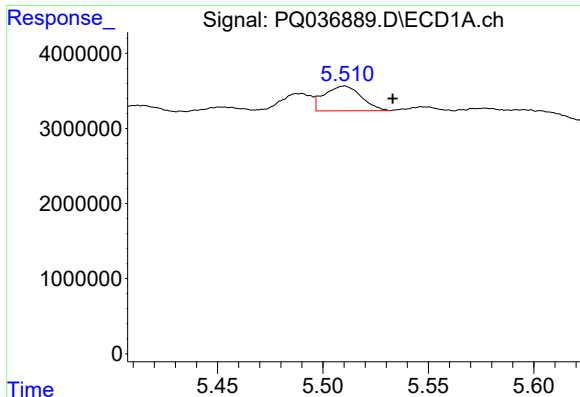
#16 AR-1242-1

R.T.: 5.510 min  
Delta R.T.: -0.001 min  
Response: 4039756  
Conc: 34.85 ng/ml



#16 AR-1242-1

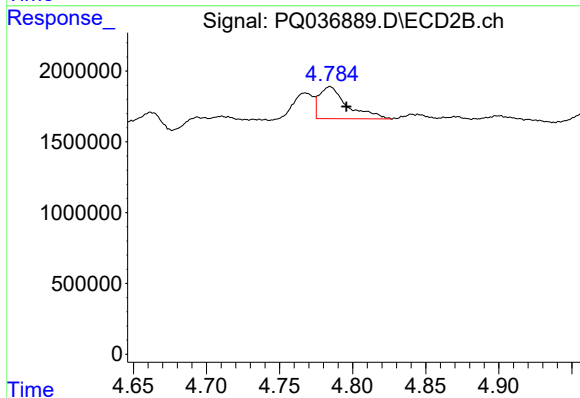
R.T.: 4.785 min  
Delta R.T.: 0.006 min  
Response: 3024944  
Conc: 48.17 ng/ml



#17 AR-1242-2

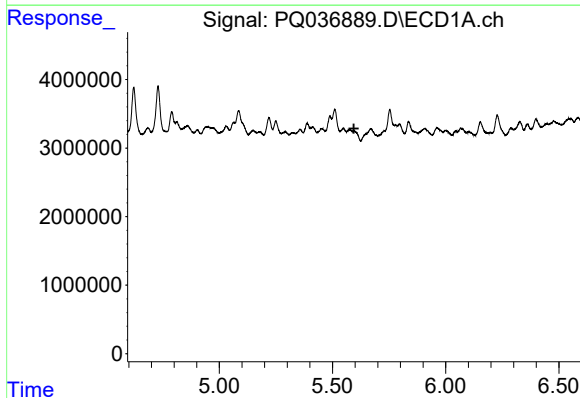
R.T.: 5.510 min  
Delta R.T.: -0.023 min  
Response: 4039756  
Conc: 22.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



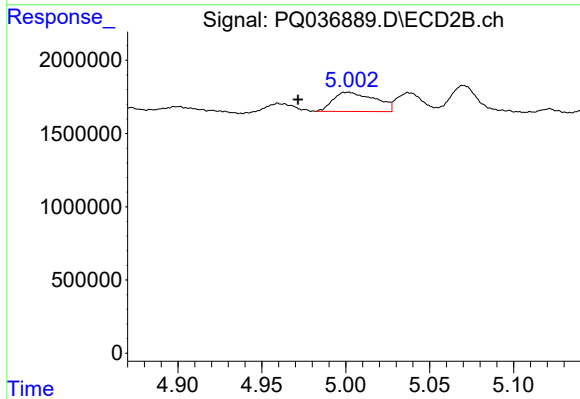
#17 AR-1242-2

R.T.: 4.785 min  
Delta R.T.: -0.011 min  
Response: 3024944  
Conc: 32.41 ng/ml



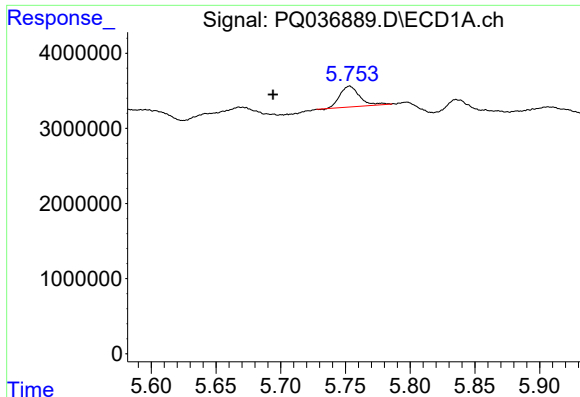
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.594 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

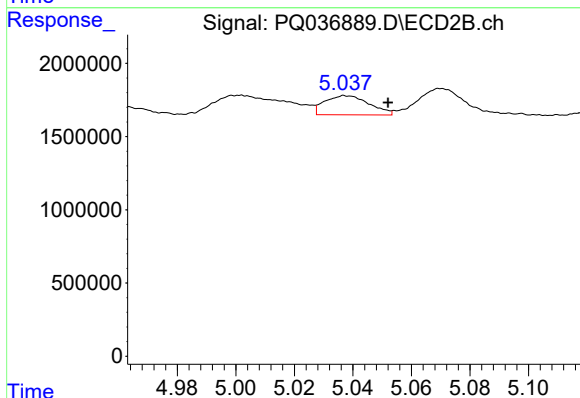
R.T.: 5.001 min  
Delta R.T.: 0.030 min  
Response: 2279050  
Conc: 48.71 ng/ml



#19 AR-1242-4

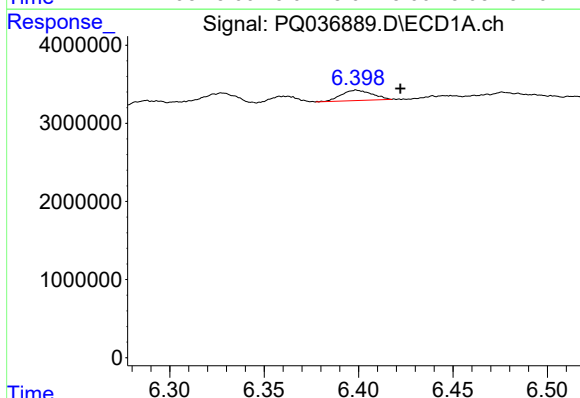
R.T.: 5.753 min  
Delta R.T.: 0.059 min  
Response: 2945880  
Conc: 35.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



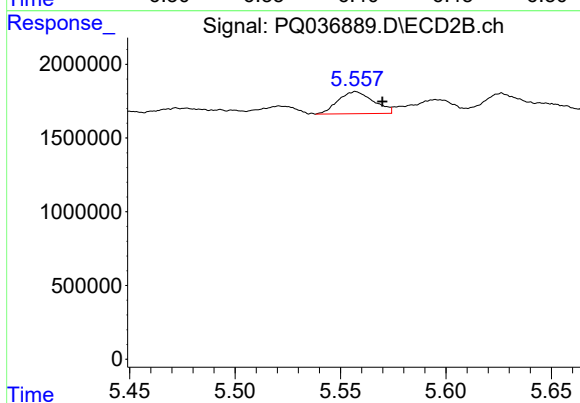
#19 AR-1242-4

R.T.: 5.038 min  
Delta R.T.: -0.014 min  
Response: 1384612  
Conc: 30.30 ng/ml



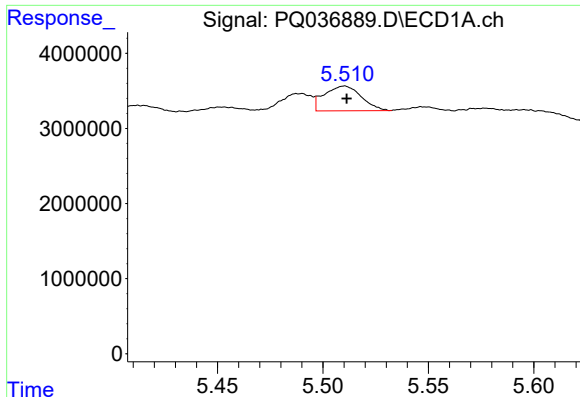
#20 AR-1242-5

R.T.: 6.399 min  
Delta R.T.: -0.023 min  
Response: 1492862  
Conc: 16.45 ng/ml



#20 AR-1242-5

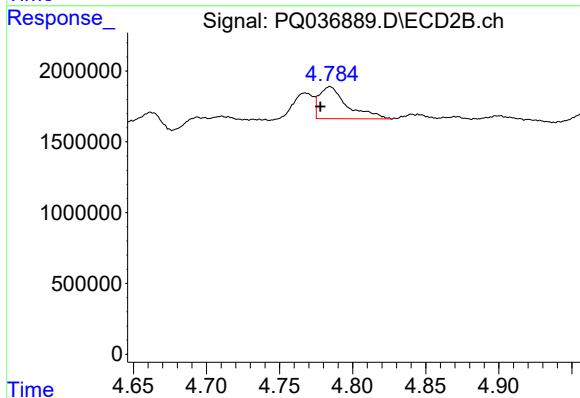
R.T.: 5.557 min  
Delta R.T.: -0.013 min  
Response: 1744752  
Conc: 31.17 ng/ml



#21 AR-1248-1

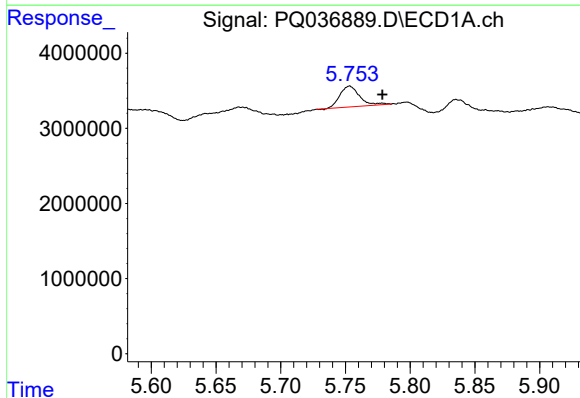
R.T.: 5.510 min  
Delta R.T.: -0.001 min  
Response: 4039756  
Conc: 44.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



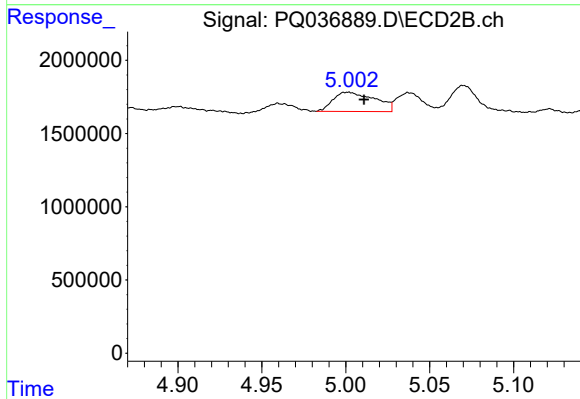
#21 AR-1248-1

R.T.: 4.785 min  
Delta R.T.: 0.007 min  
Response: 3024944  
Conc: 61.34 ng/ml



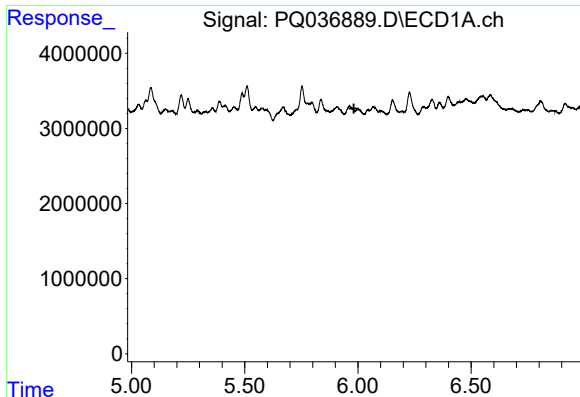
#22 AR-1248-2

R.T.: 5.753 min  
Delta R.T.: -0.025 min  
Response: 2945880  
Conc: 24.15 ng/ml



#22 AR-1248-2

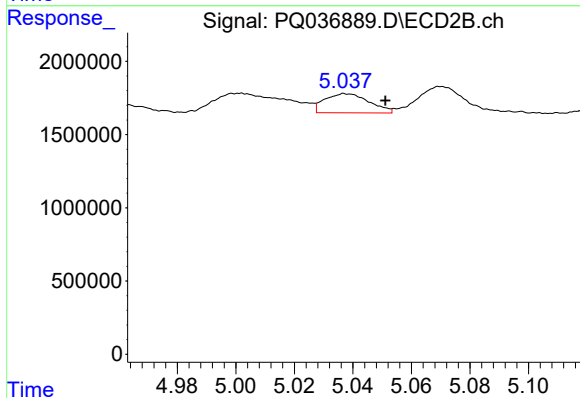
R.T.: 5.001 min  
Delta R.T.: -0.010 min  
Response: 2279050  
Conc: 35.13 ng/ml



#23 AR-1248-3

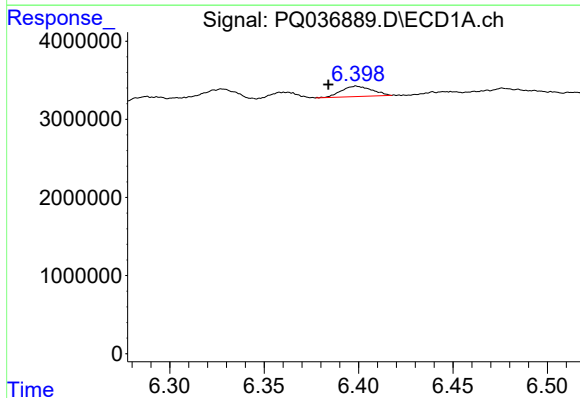
R.T.: 0.000 min  
Exp R.T.: 5.982 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



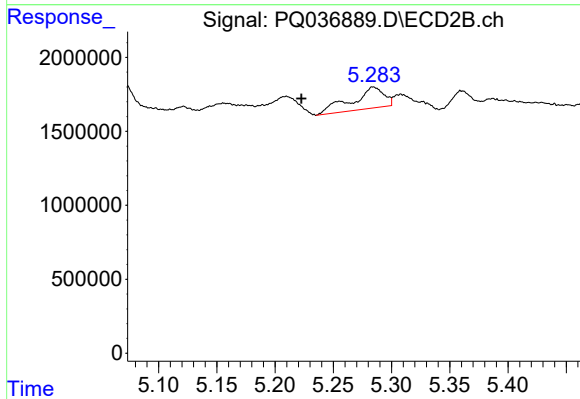
#23 AR-1248-3

R.T.: 5.038 min  
Delta R.T.: -0.013 min  
Response: 1384612  
Conc: 20.89 ng/ml



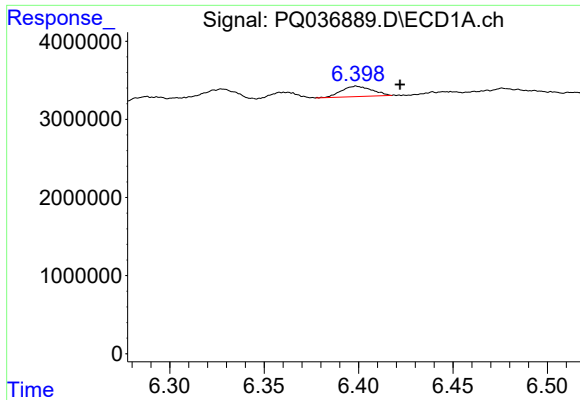
#24 AR-1248-4

R.T.: 6.399 min  
Delta R.T.: 0.015 min  
Response: 1492862  
Conc: 9.51 ng/ml



#24 AR-1248-4

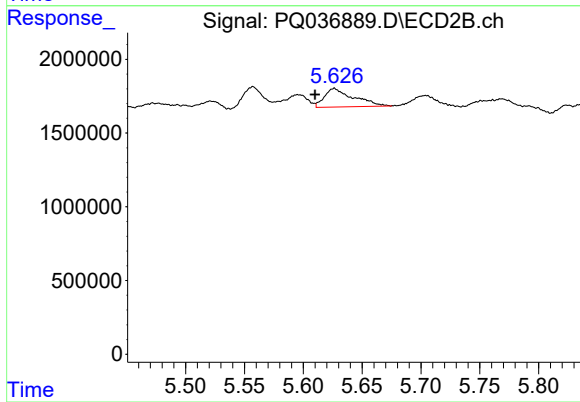
R.T.: 5.284 min  
Delta R.T.: 0.062 min  
Response: 2769247  
Conc: 34.87 ng/ml



#25 AR-1248-5

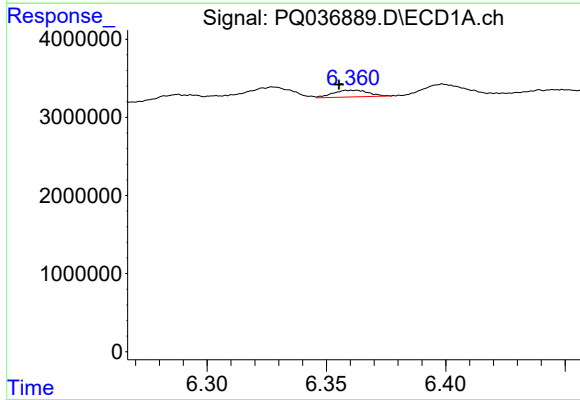
R.T.: 6.399 min  
Delta R.T.: -0.023 min  
Response: 1492862  
Conc: 10.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



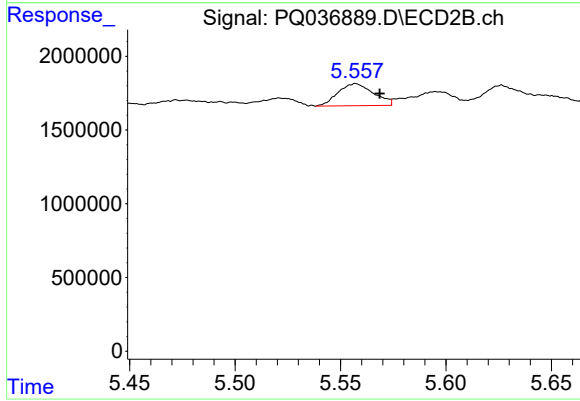
#25 AR-1248-5

R.T.: 5.626 min  
Delta R.T.: 0.016 min  
Response: 2181630  
Conc: 27.61 ng/ml



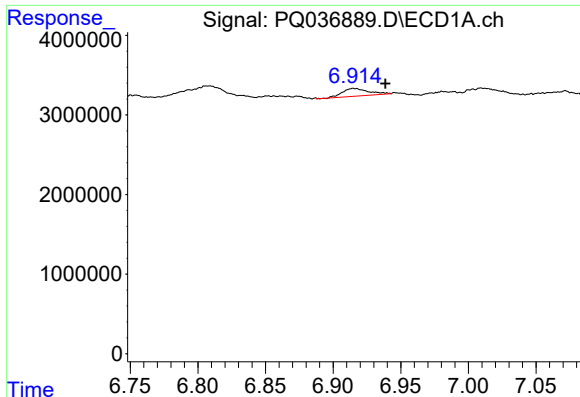
#26 AR-1254-1

R.T.: 6.361 min  
Delta R.T.: 0.005 min  
Response: 869670  
Conc: 4.90 ng/ml



#26 AR-1254-1

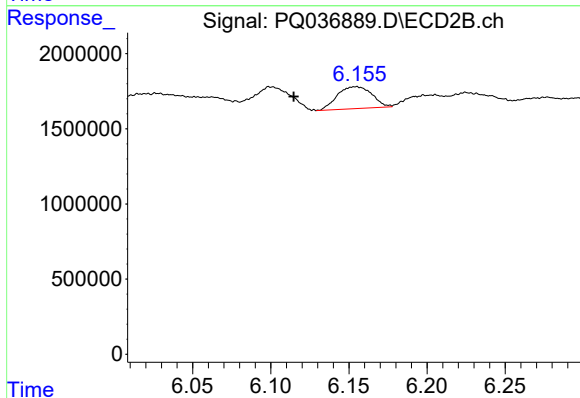
R.T.: 5.557 min  
Delta R.T.: -0.011 min  
Response: 1744752  
Conc: 13.03 ng/ml



#28 AR-1254-3

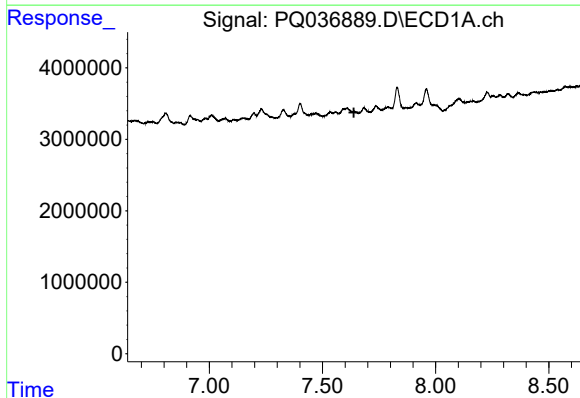
R.T.: 6.915 min  
Delta R.T.: -0.023 min  
Response: 1306626  
Conc: 4.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



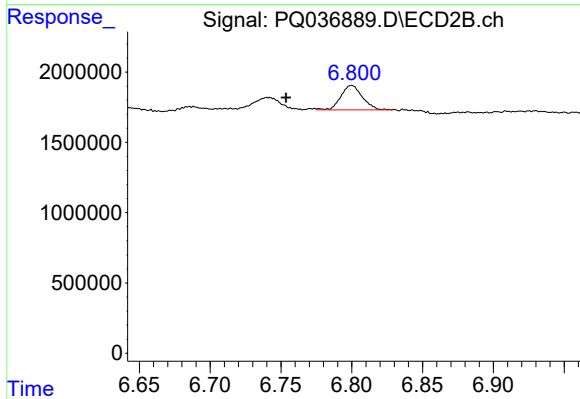
#28 AR-1254-3

R.T.: 6.155 min  
Delta R.T.: 0.040 min  
Response: 2254676  
Conc: 12.53 ng/ml



#30 AR-1254-5

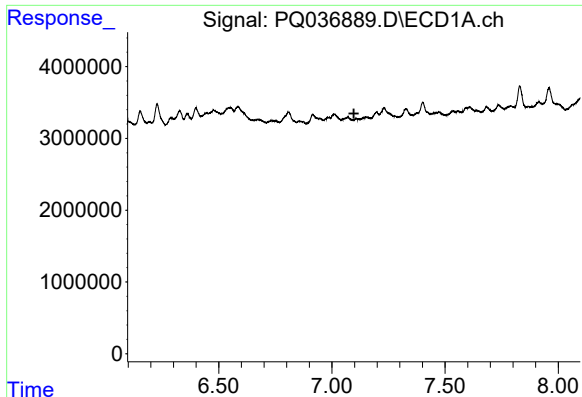
R.T.: 7.595 min  
Delta R.T.: -0.044 min  
Response: -26228  
Conc: N.D.



#30 AR-1254-5

R.T.: 6.800 min  
Delta R.T.: 0.046 min  
Response: 1855746  
Conc: 12.36 ng/ml

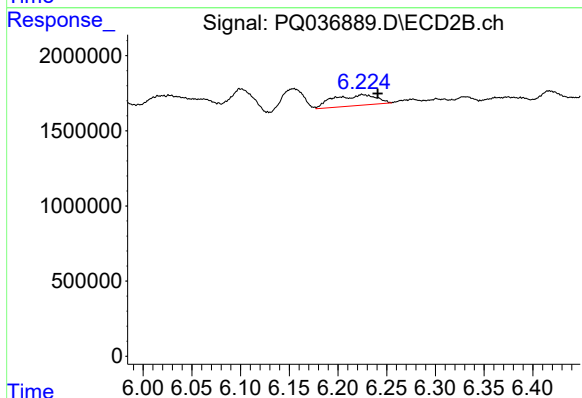




#31 AR-1260-1

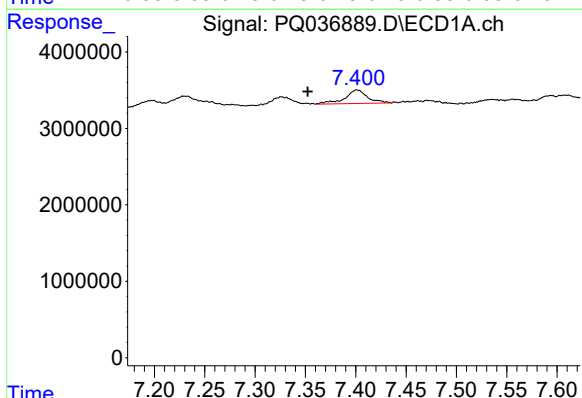
R.T.: 0.000 min  
Exp R.T.: 7.097 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



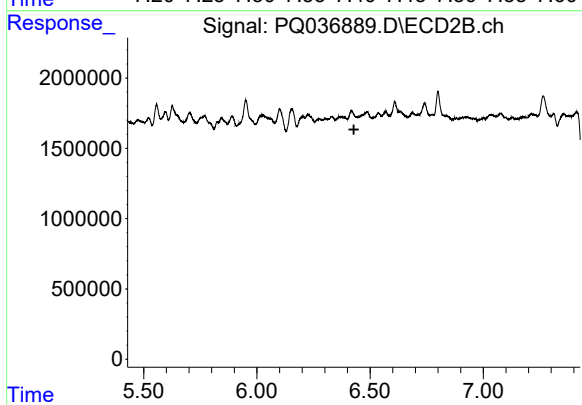
#31 AR-1260-1

R.T.: 6.225 min  
Delta R.T.: -0.016 min  
Response: 2200978  
Conc: 19.17 ng/ml



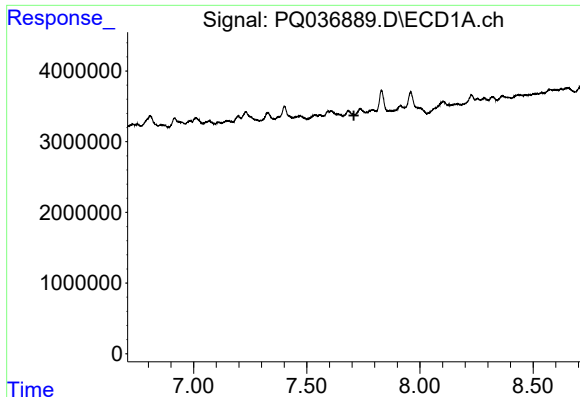
#32 AR-1260-2

R.T.: 7.401 min  
Delta R.T.: 0.049 min  
Response: 2759353  
Conc: 11.95 ng/ml



#32 AR-1260-2

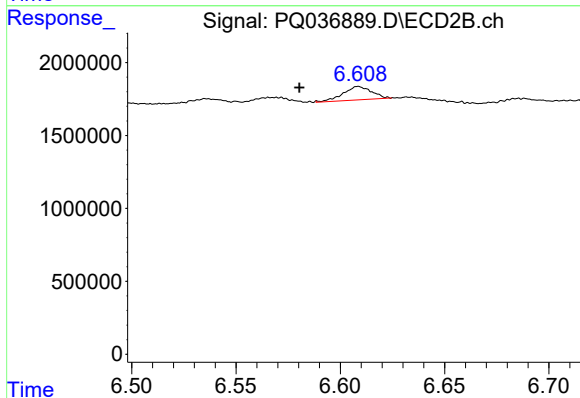
R.T.: 0.000 min  
Exp R.T.: 6.428 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

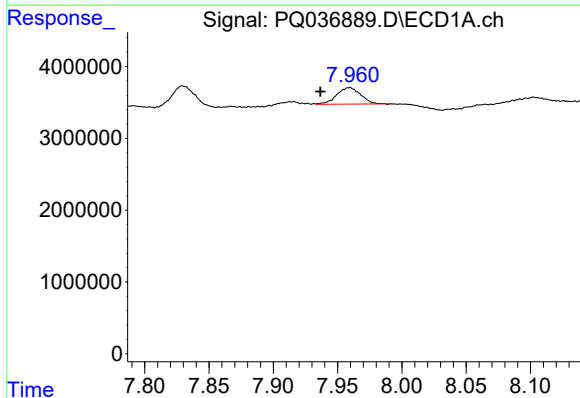
R.T.: 0.000 min  
Exp R.T.: 7.708 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



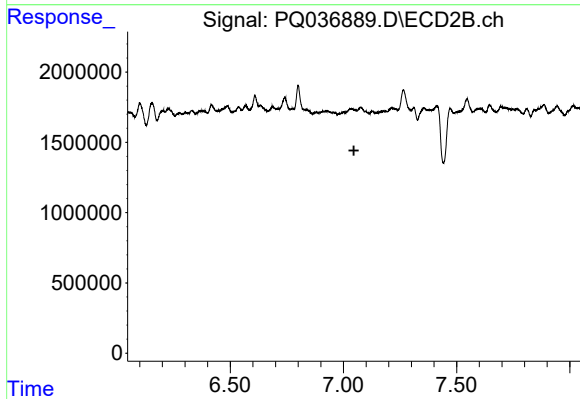
#33 AR-1260-3

R.T.: 6.609 min  
Delta R.T.: 0.028 min  
Response: 882187  
Conc: 6.88 ng/ml



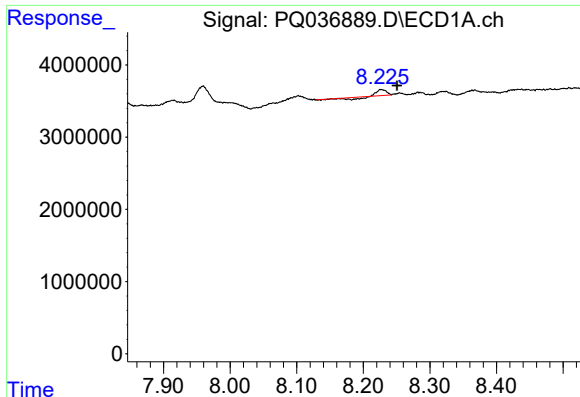
#34 AR-1260-4

R.T.: 7.959 min  
Delta R.T.: 0.023 min  
Response: 2945467  
Conc: 17.30 ng/ml



#34 AR-1260-4

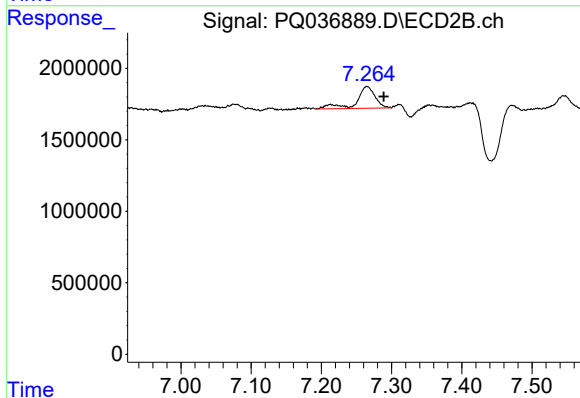
R.T.: 0.000 min  
Exp R.T.: 7.046 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

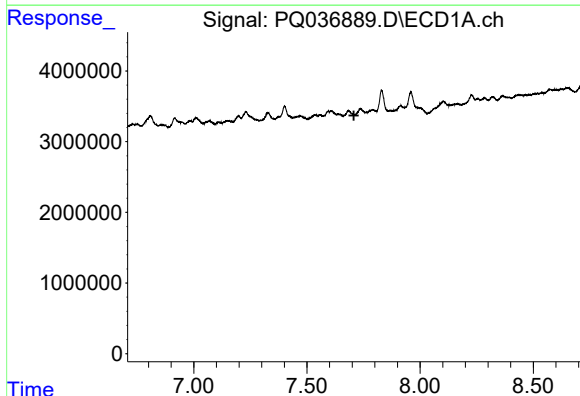
R.T.: 8.227 min  
Delta R.T.: -0.024 min  
Response: 277466  
Conc: 0.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



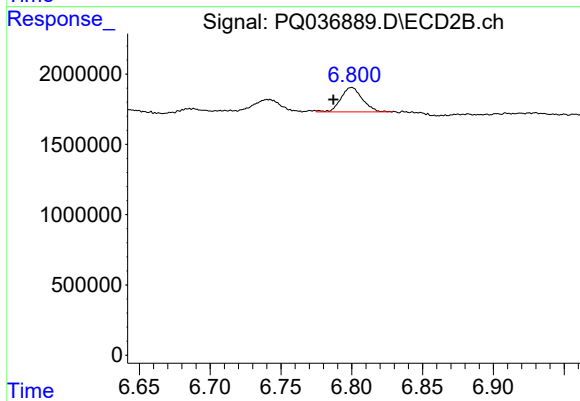
#35 AR-1260-5

R.T.: 7.265 min  
Delta R.T.: -0.024 min  
Response: 2770453  
Conc: 12.69 ng/ml



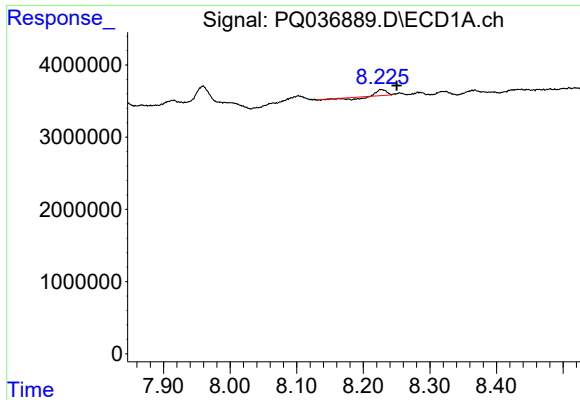
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.708 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

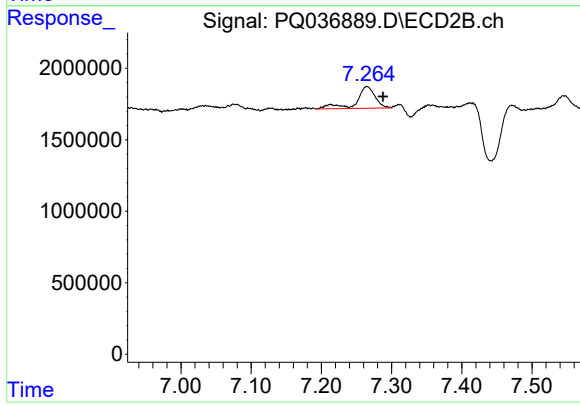
R.T.: 6.800 min  
Delta R.T.: 0.013 min  
Response: 1855746  
Conc: 11.06 ng/ml



#37 AR-1262-2

R.T.: 8.227 min  
Delta R.T.: -0.023 min  
Response: 277466  
Conc: 0.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
012519-TIPC-F-D-S



#37 AR-1262-2

R.T.: 7.265 min  
Delta R.T.: -0.023 min  
Response: 2770453  
Conc: 9.15 ng/ml