

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ031119\  
 Data File : PQ037927.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2019 20:49  
 Operator : SM\SJ  
 Sample : AR1248CCC400  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1248376

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 00:57:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ022619CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Feb 26 04:57:52 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|-----------|
| -----                       |                 |       |       |          |          |          |           |
| System Monitoring Compounds |                 |       |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 4.202 | 3.645 | 102.5E6  | 59329823 | 18.028   | 22.525    |
| 2)                          | SA Decachlor... | 0.000 | 8.525 | 0        | 90532051 | N.D.     | 39.022 #  |
| Target Compounds            |                 |       |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.365 | 4.719 | 53253244 | 27295324 | 184.251  | 176.920   |
| 4)                          | L1 AR-1016-2    | 5.426 | 4.749 | 24989650 | 5060434  | 55.920   | 21.081 #  |
| 5)                          | L1 AR-1016-3    | 5.426 | 4.894 | 24989650 | 16782528 | 95.078   | 137.824 # |
| 6)                          | L1 AR-1016-4    | 5.522 | 4.931 | 28263146 | 34273041 | 128.555  | 366.972 # |
| 7)                          | L1 AR-1016-5    | 5.847 | 5.141 | 22874319 | 41217706 | 106.415  | 329.066 # |
| 8)                          | L2 AR-1221-1    | 4.502 | 0.000 | 2340221  | 0        | 37.347   | N.D. #    |
| 9)                          | L2 AR-1221-2    | 4.502 | 4.010 | 2340221  | 3250785  | 53.143   | 135.537 # |
| 10)                         | L2 AR-1221-3    | 4.575 | 4.010 | 5444911  | 3250785  | 35.424   | 38.441    |
| 11)                         | L3 AR-1232-1    | 4.575 | 4.010 | 5444911  | 3250785  | 47.711   | 52.515    |
| 12)                         | L3 AR-1232-2    | 5.083 | 4.749 | 19456251 | 5060434  | 332.799  | 73.646 #  |
| 13)                         | L3 AR-1232-3    | 5.426 | 4.894 | 24989650 | 16782528 | 200.055  | 481.919 # |
| 14)                         | L3 AR-1232-4    | 5.522 | 5.001 | 28263146 | 11971087 | 442.281  | 405.997   |
| 15)                         | L3 AR-1232-5    | 5.649 | 5.141 | 52561690 | 41217706 | 1152.489 | 1212.862  |
| 16)                         | L4 AR-1242-1    | 5.365 | 4.719 | 53253244 | 27295324 | 324.642  | 303.864   |
| 17)                         | L4 AR-1242-2    | 5.426 | 4.749 | 24989650 | 5060434  | 99.146   | 37.110 #  |
| 18)                         | L4 AR-1242-3    | 5.426 | 4.894 | 24989650 | 16782528 | 165.208  | 237.944 # |
| 19)                         | L4 AR-1242-4    | 5.522 | 5.001 | 28263146 | 11971087 | 224.530  | 174.469   |
| 20)                         | L4 AR-1242-5    | 6.241 | 5.485 | 73165208 | 59750445 | 527.220  | 683.414 # |
| 21)                         | L5 AR-1248-1    | 5.365 | 4.719 | 53253244 | 27295324 | 452.474  | 409.174   |
| 22)                         | L5 AR-1248-2    | 5.649 | 4.931 | 52561690 | 34273041 | 306.377  | 379.120   |
| 23)                         | L5 AR-1248-3    | 5.847 | 5.001 | 22874319 | 11971087 | 117.738  | 129.707   |
| 24)                         | L5 AR-1248-4    | 6.241 | 5.141 | 73165208 | 41217706 | 321.790  | 363.217   |
| 25)                         | L5 AR-1248-5    | 6.241 | 5.553 | 73165208 | 9141610  | 338.779  | 83.264 #  |
| 26)                         | L6 AR-1254-1    | 6.204 | 5.485 | 76714568 | 59750445 | 362.220  | 360.350   |
| 27)                         | L6 AR-1254-2    | 6.436 | 5.627 | 45902716 | 16761412 | 136.888  | 117.696   |
| 28)                         | L6 AR-1254-3    | 6.752 | 6.024 | 37975394 | 25245531 | 109.421  | 110.648   |
| 29)                         | L6 AR-1254-4    | 7.034 | 6.251 | 28367316 | 17432544 | 102.501  | 101.506   |
| 30)                         | L6 AR-1254-5    | 7.508 | 6.659 | 1984653  | 3032227  | 7.181    | 15.660 #  |
| 31)                         | L7 AR-1260-1    | 6.979 | 6.168 | 3340378  | 8245056  | 7.518    | 32.521 #  |
| 32)                         | L7 AR-1260-2    | 7.209 | 6.335 | 3700422  | 2553975  | 6.400    | 8.309 #   |
| 33)                         | L7 AR-1260-3    | 7.508 | 6.485 | 1984653  | 3104552  | 4.442    | 10.932 #  |
| 34)                         | L7 AR-1260-4    | 7.738 | 6.991 | 4623982  | 1284284  | 10.557   | 5.835 #   |
| 35)                         | L7 AR-1260-5    | 8.044 | 7.190 | 2870846  | 1806204  | 2.864    | 3.421     |
| 36)                         | L8 AR-1262-1    | 7.508 | 6.659 | 1984653  | 3032227  | 4.969    | 14.489 #  |
| 37)                         | L8 AR-1262-2    | 8.044 | 7.190 | 2870846  | 1806204  | 4.144    | 4.876     |
| -----                       |                 |       |       |          |          |          |           |

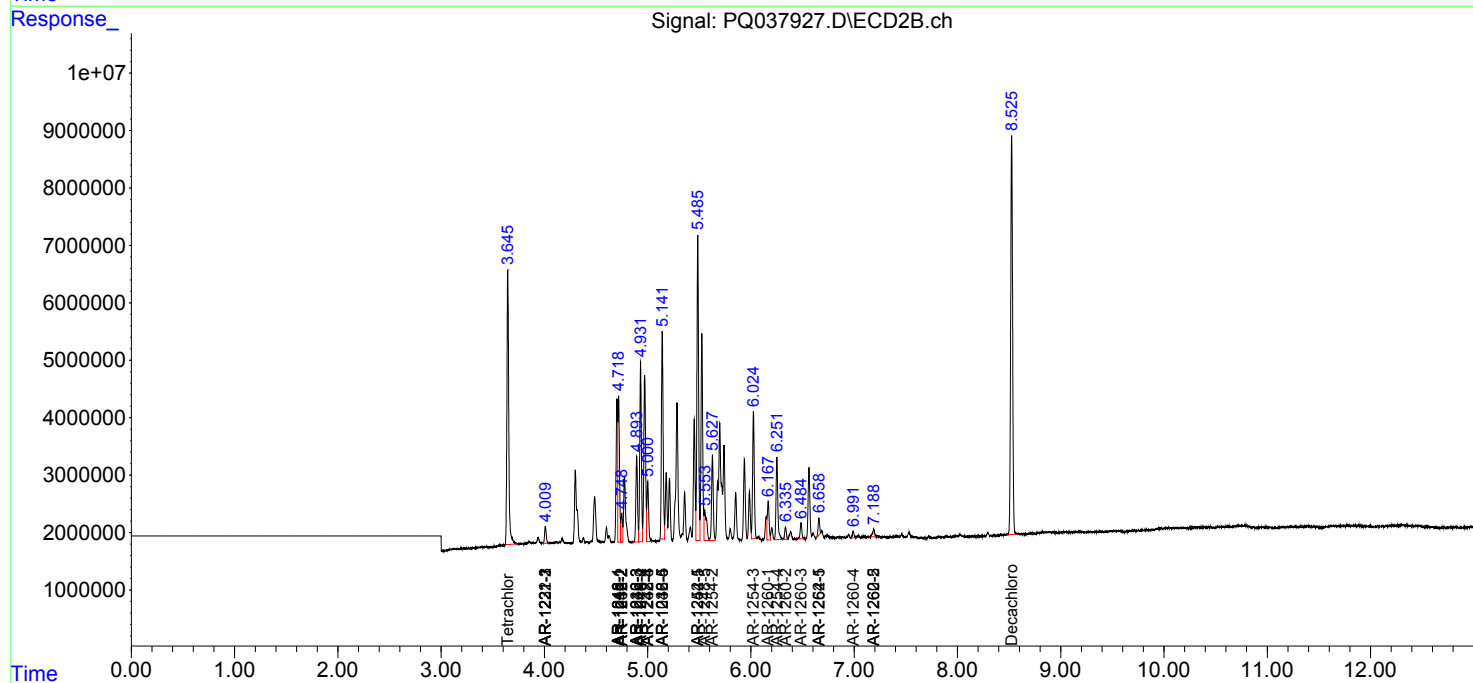
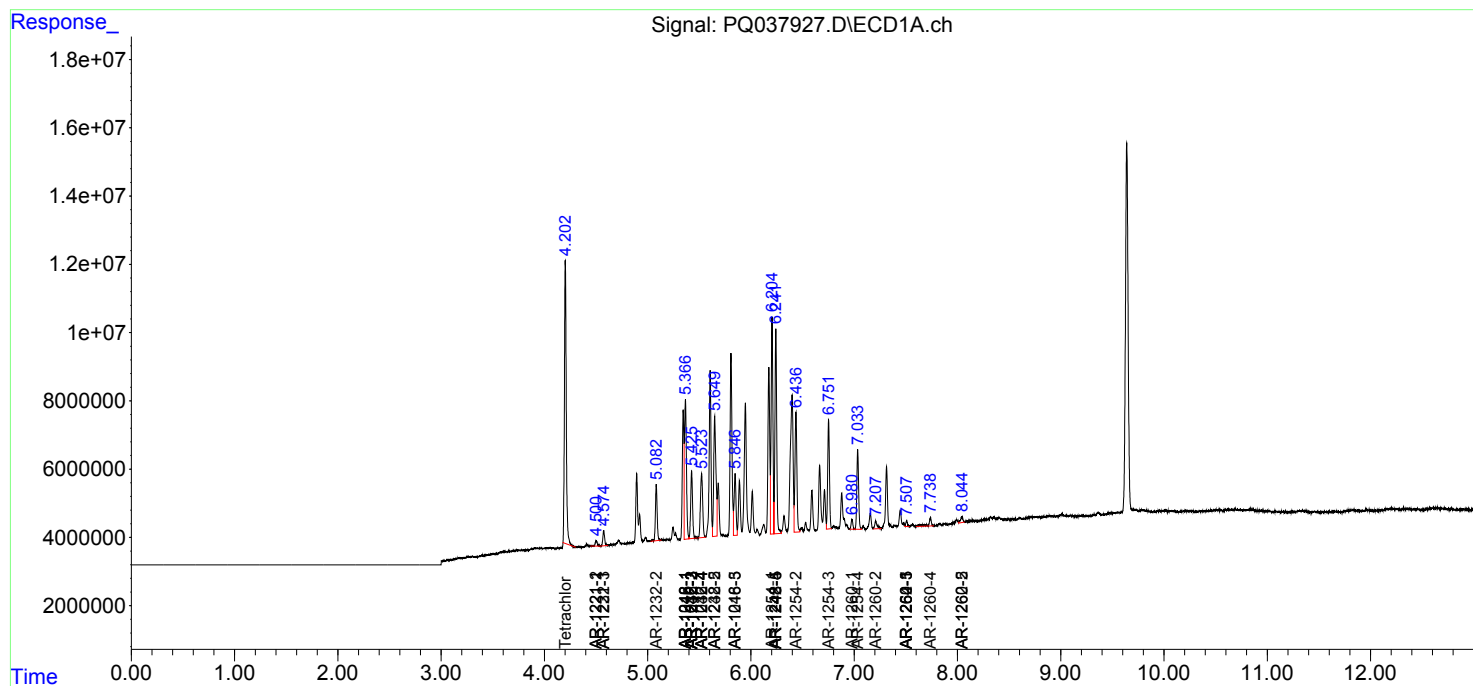
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

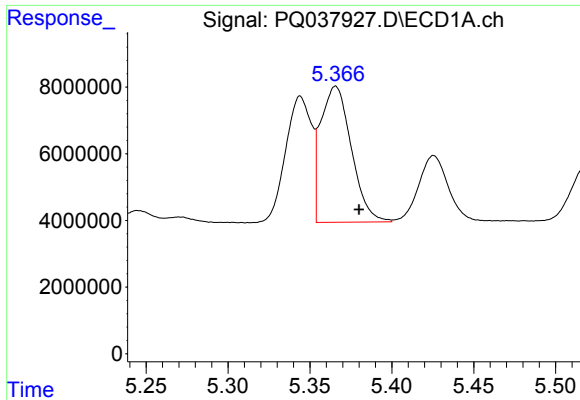
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ031119\  
Data File : PQ037927.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2019 20:49  
Operator : SM\SJ  
Sample : AR1248CCC400  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 00:57:14 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ022619CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Feb 26 04:57:52 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

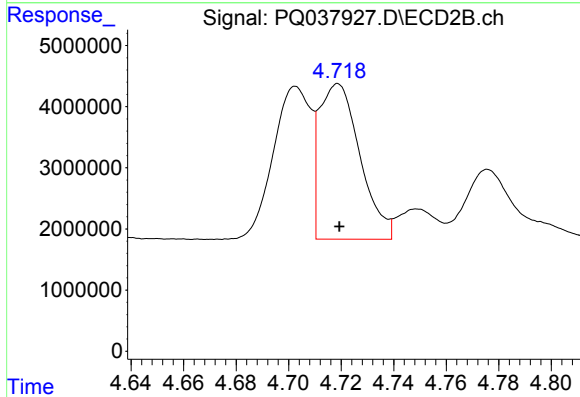




#3 AR-1016-1

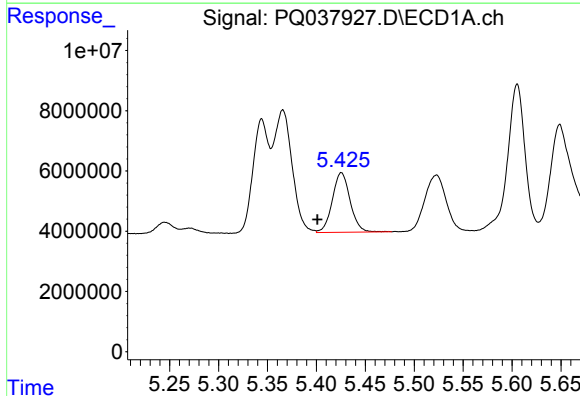
R.T.: 5.365 min  
Delta R.T.: -0.014 min  
Response: 53253244  
Conc: 184.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



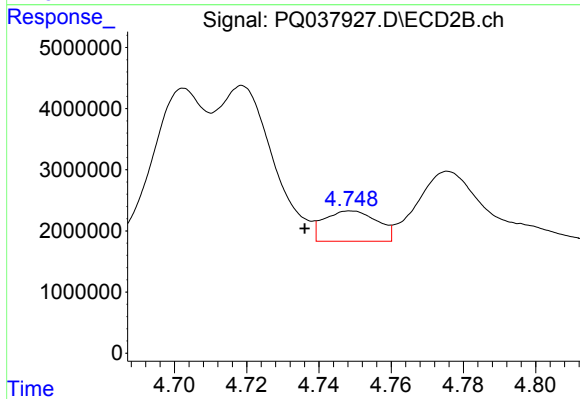
#3 AR-1016-1

R.T.: 4.719 min  
Delta R.T.: 0.000 min  
Response: 27295324  
Conc: 176.92 ng/ml



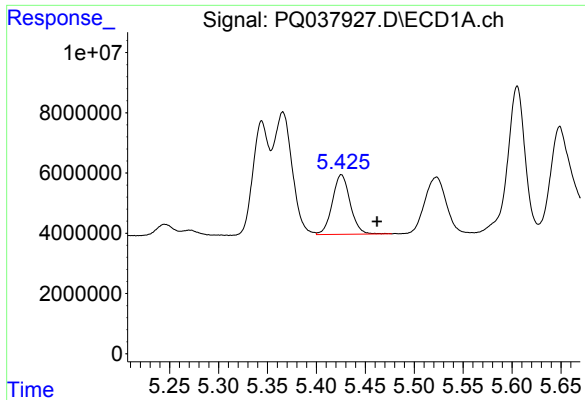
#4 AR-1016-2

R.T.: 5.426 min  
Delta R.T.: 0.024 min  
Response: 24989650  
Conc: 55.92 ng/ml



#4 AR-1016-2

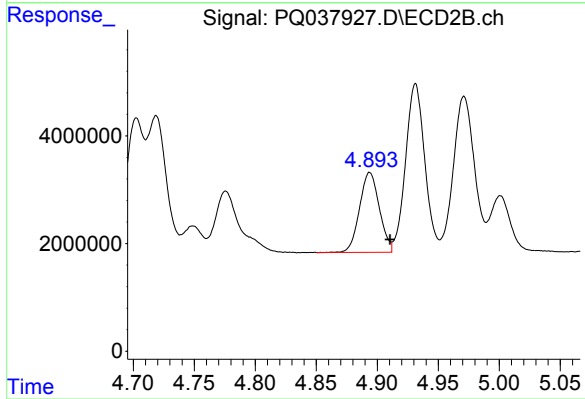
R.T.: 4.749 min  
Delta R.T.: 0.013 min  
Response: 5060434  
Conc: 21.08 ng/ml



#5 AR-1016-3

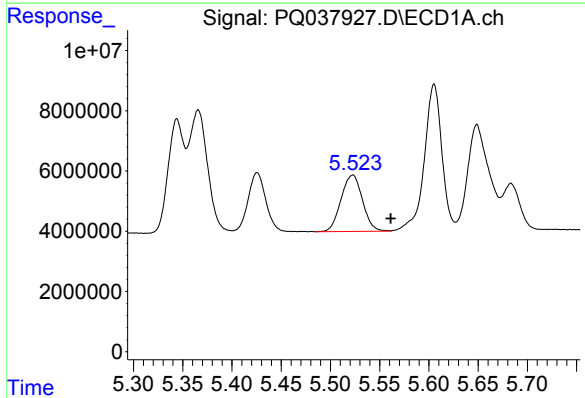
R.T.: 5.426 min  
Delta R.T.: -0.036 min  
Response: 24989650  
Conc: 95.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



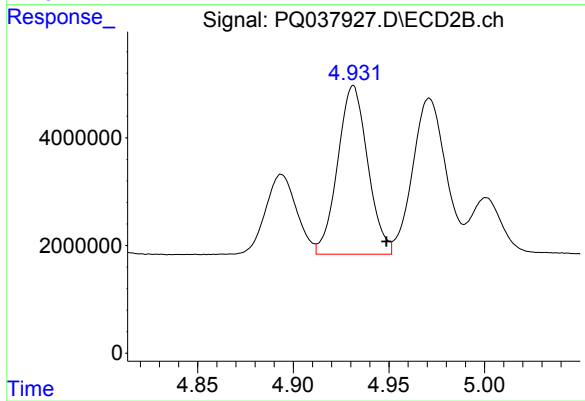
#5 AR-1016-3

R.T.: 4.894 min  
Delta R.T.: -0.017 min  
Response: 16782528  
Conc: 137.82 ng/ml



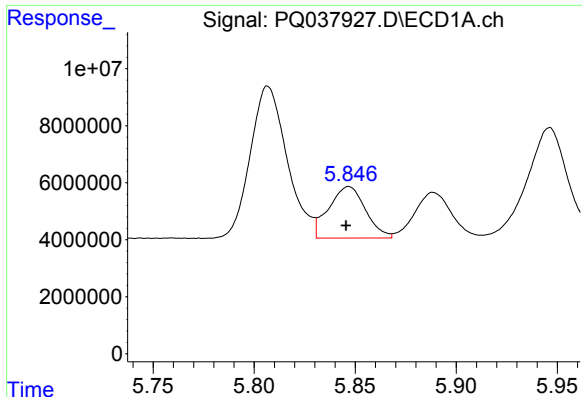
#6 AR-1016-4

R.T.: 5.522 min  
Delta R.T.: -0.039 min  
Response: 28263146  
Conc: 128.56 ng/ml



#6 AR-1016-4

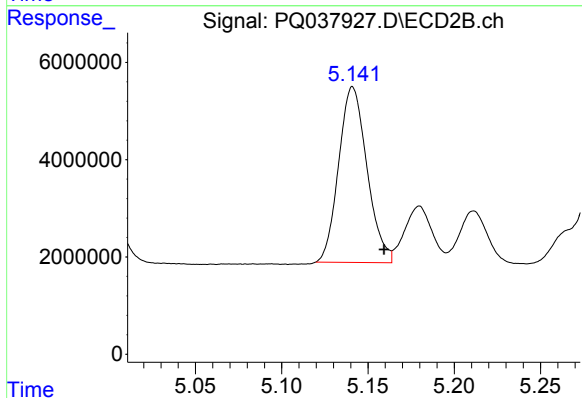
R.T.: 4.931 min  
Delta R.T.: -0.017 min  
Response: 34273041  
Conc: 366.97 ng/ml



#7 AR-1016-5

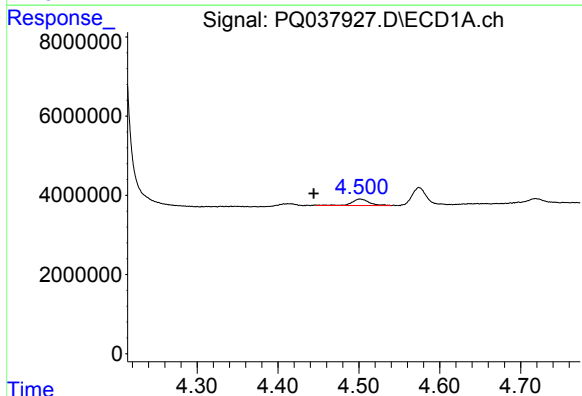
R.T.: 5.847 min  
Delta R.T.: 0.001 min  
Response: 22874319  
Conc: 106.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



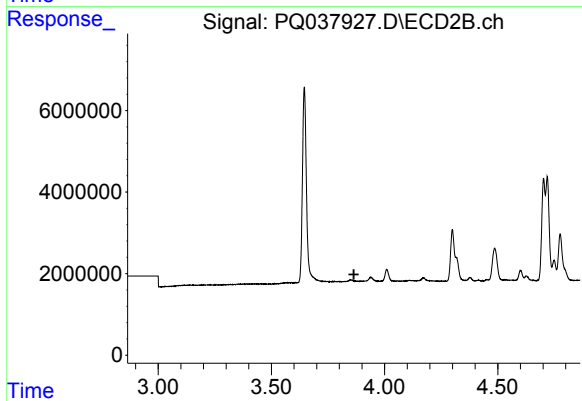
#7 AR-1016-5

R.T.: 5.141 min  
Delta R.T.: -0.018 min  
Response: 41217706  
Conc: 329.07 ng/ml



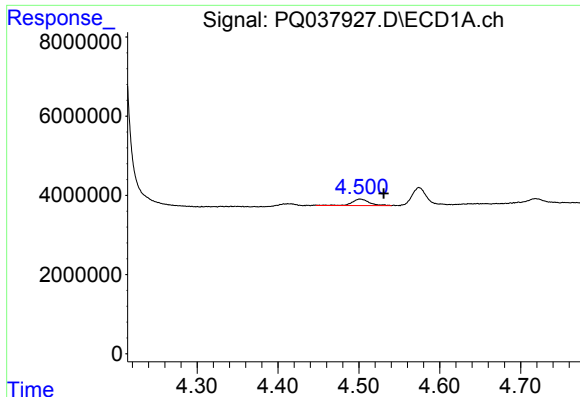
#8 AR-1221-1

R.T.: 4.502 min  
Delta R.T.: 0.058 min  
Response: 2340221  
Conc: 37.35 ng/ml



#8 AR-1221-1

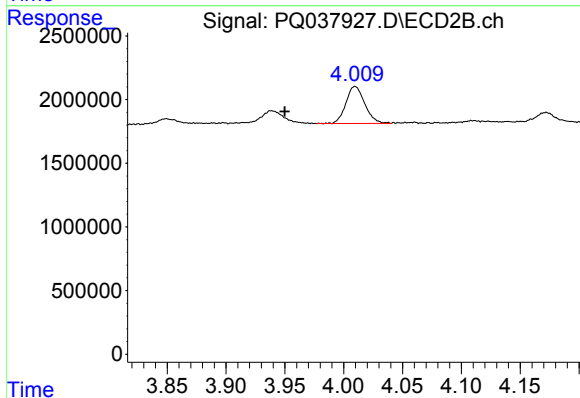
R.T.: 0.000 min  
Exp R.T.: 3.864 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

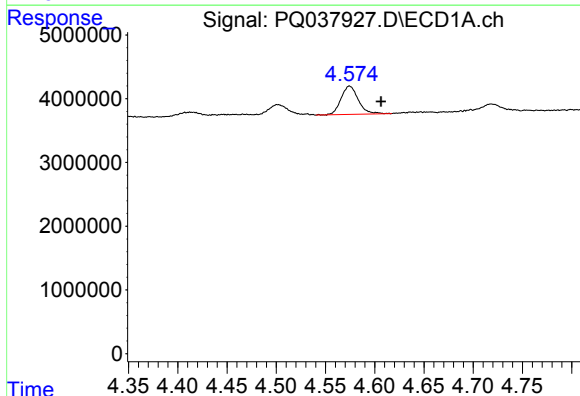
R.T.: 4.502 min  
Delta R.T.: -0.029 min  
Response: 2340221  
Conc: 53.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



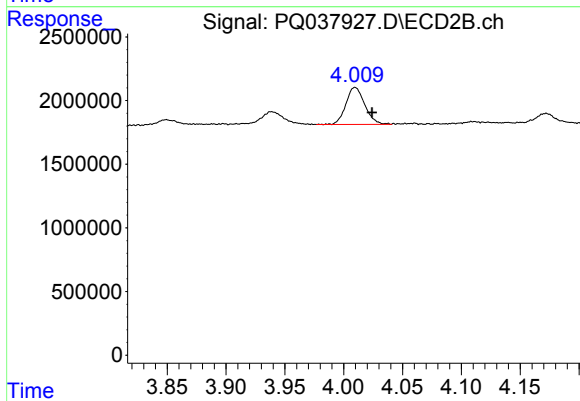
#9 AR-1221-2

R.T.: 4.010 min  
Delta R.T.: 0.060 min  
Response: 3250785  
Conc: 135.54 ng/ml



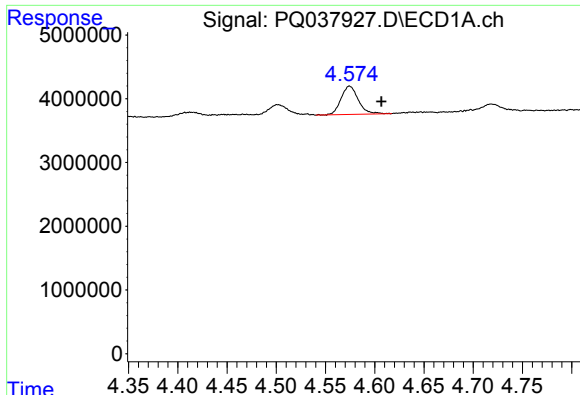
#10 AR-1221-3

R.T.: 4.575 min  
Delta R.T.: -0.032 min  
Response: 5444911  
Conc: 35.42 ng/ml



#10 AR-1221-3

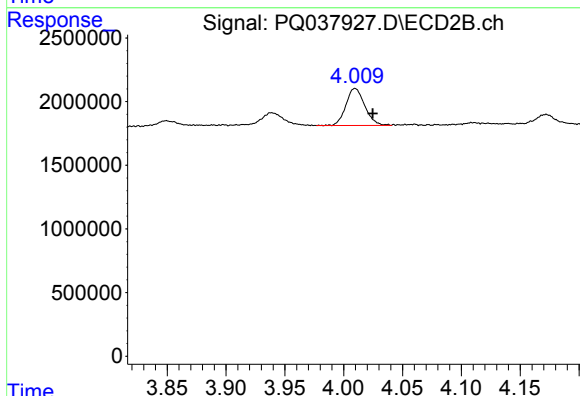
R.T.: 4.010 min  
Delta R.T.: -0.014 min  
Response: 3250785  
Conc: 38.44 ng/ml



#11 AR-1232-1

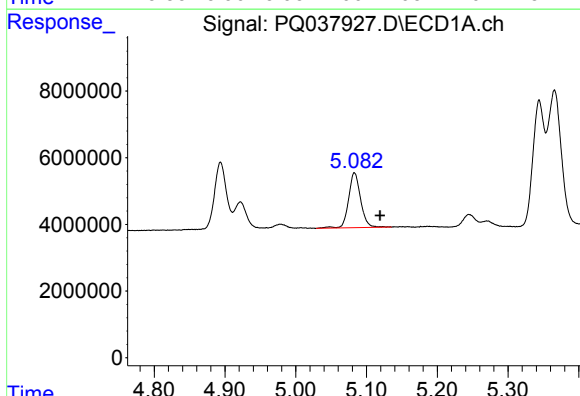
R.T.: 4.575 min  
Delta R.T.: -0.032 min  
Response: 5444911  
Conc: 47.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



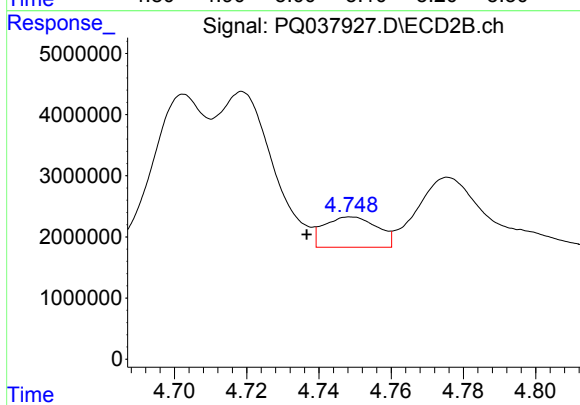
#11 AR-1232-1

R.T.: 4.010 min  
Delta R.T.: -0.015 min  
Response: 3250785  
Conc: 52.51 ng/ml



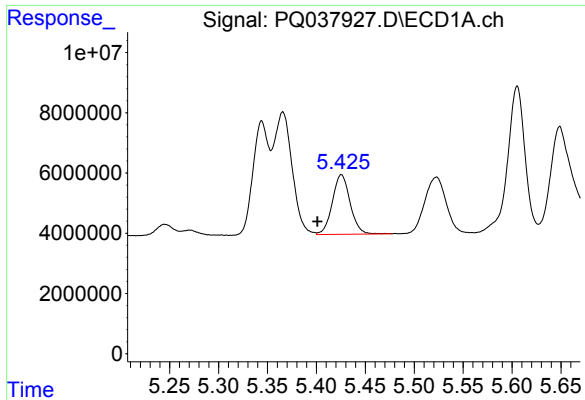
#12 AR-1232-2

R.T.: 5.083 min  
Delta R.T.: -0.036 min  
Response: 19456251  
Conc: 332.80 ng/ml



#12 AR-1232-2

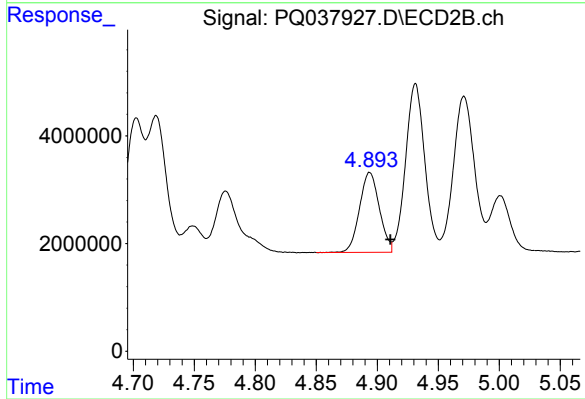
R.T.: 4.749 min  
Delta R.T.: 0.012 min  
Response: 5060434  
Conc: 73.65 ng/ml



#13 AR-1232-3

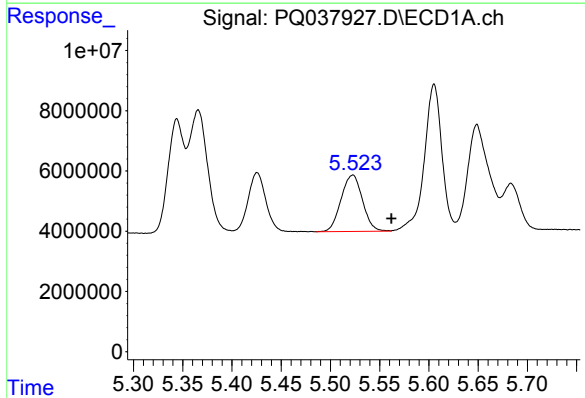
R.T.: 5.426 min  
Delta R.T.: 0.024 min  
Response: 24989650  
Conc: 200.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



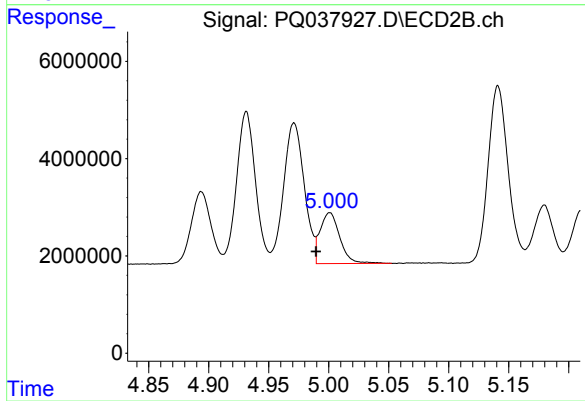
#13 AR-1232-3

R.T.: 4.894 min  
Delta R.T.: -0.017 min  
Response: 16782528  
Conc: 481.92 ng/ml



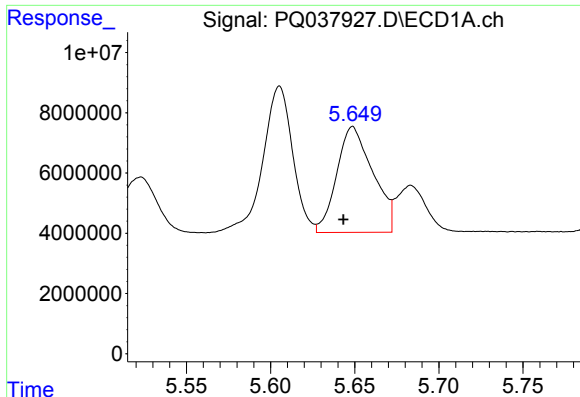
#14 AR-1232-4

R.T.: 5.522 min  
Delta R.T.: -0.039 min  
Response: 28263146  
Conc: 442.28 ng/ml



#14 AR-1232-4

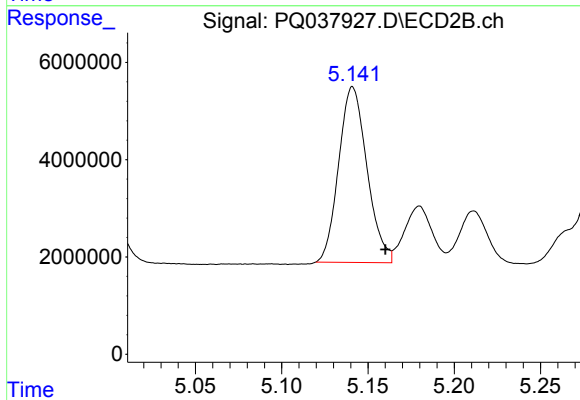
R.T.: 5.001 min  
Delta R.T.: 0.011 min  
Response: 11971087  
Conc: 406.00 ng/ml



#15 AR-1232-5

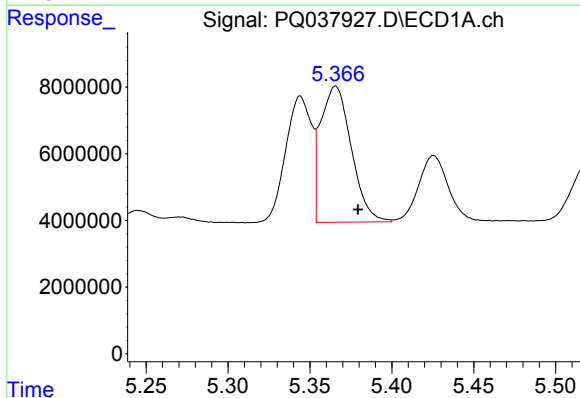
R.T.: 5.649 min  
Delta R.T.: 0.006 min  
Response: 52561690  
Conc: 1152.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



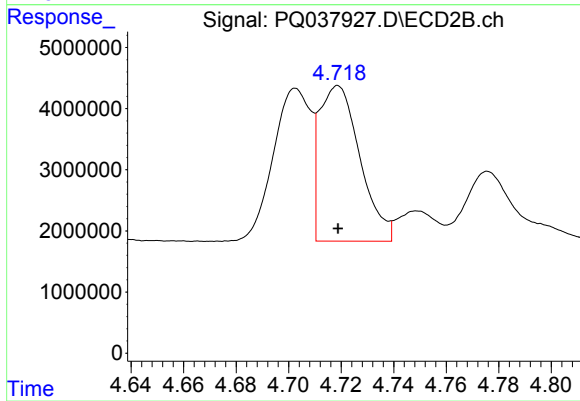
#15 AR-1232-5

R.T.: 5.141 min  
Delta R.T.: -0.019 min  
Response: 41217706  
Conc: 1212.86 ng/ml



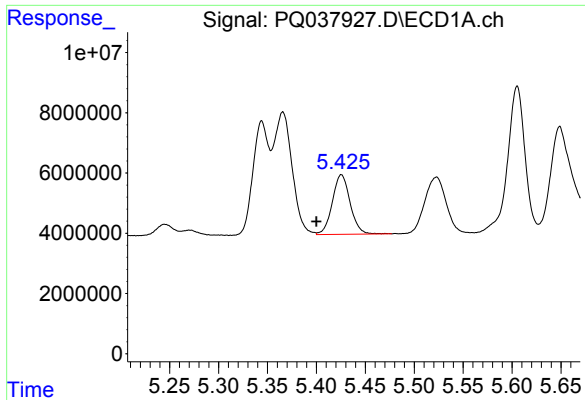
#16 AR-1242-1

R.T.: 5.365 min  
Delta R.T.: -0.014 min  
Response: 53253244  
Conc: 324.64 ng/ml



#16 AR-1242-1

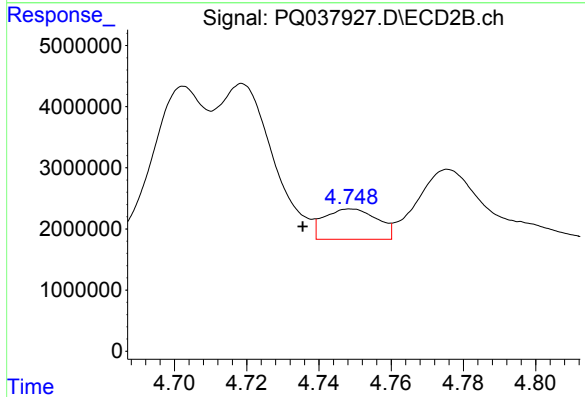
R.T.: 4.719 min  
Delta R.T.: 0.000 min  
Response: 27295324  
Conc: 303.86 ng/ml



#17 AR-1242-2

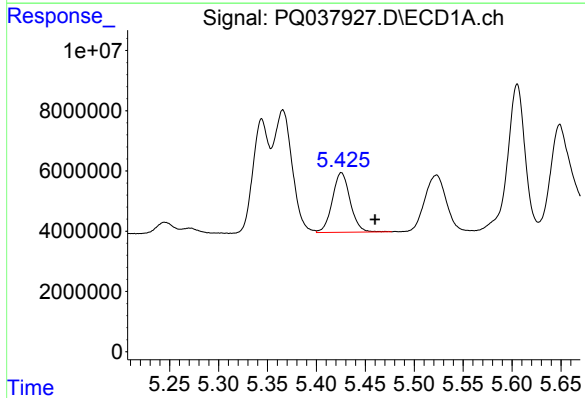
R.T.: 5.426 min  
Delta R.T.: 0.026 min  
Response: 24989650  
Conc: 99.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



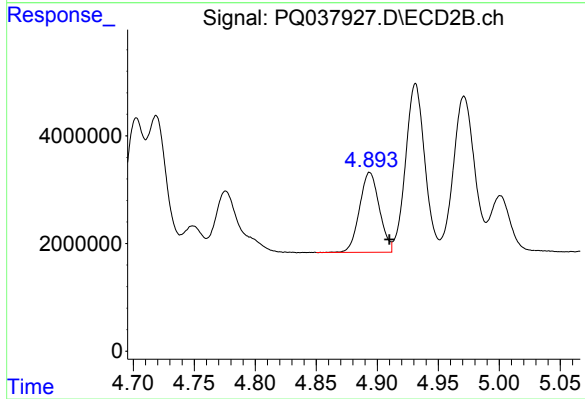
#17 AR-1242-2

R.T.: 4.749 min  
Delta R.T.: 0.013 min  
Response: 5060434  
Conc: 37.11 ng/ml



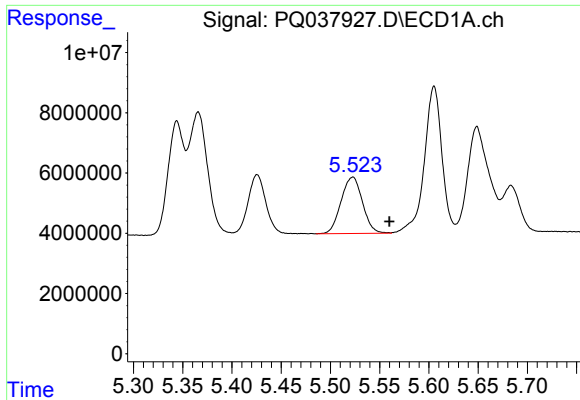
#18 AR-1242-3

R.T.: 5.426 min  
Delta R.T.: -0.034 min  
Response: 24989650  
Conc: 165.21 ng/ml



#18 AR-1242-3

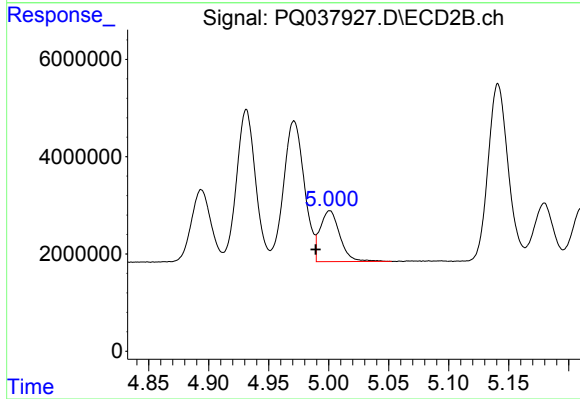
R.T.: 4.894 min  
Delta R.T.: -0.016 min  
Response: 16782528  
Conc: 237.94 ng/ml



#19 AR-1242-4

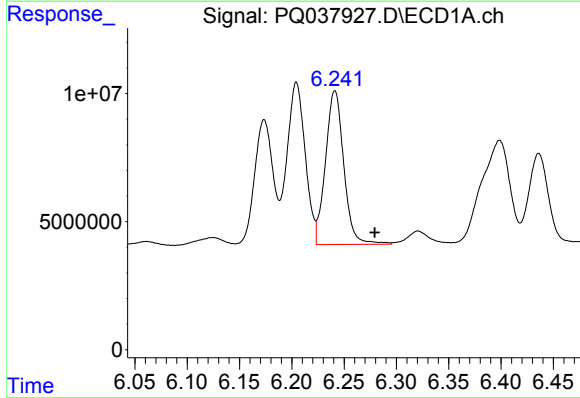
R.T.: 5.522 min  
Delta R.T.: -0.038 min  
Response: 28263146  
Conc: 224.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



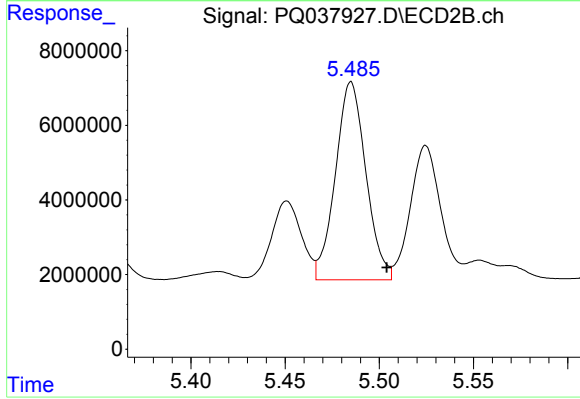
#19 AR-1242-4

R.T.: 5.001 min  
Delta R.T.: 0.012 min  
Response: 11971087  
Conc: 174.47 ng/ml



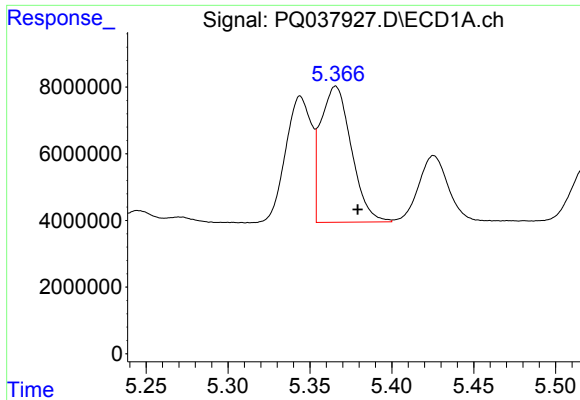
#20 AR-1242-5

R.T.: 6.241 min  
Delta R.T.: -0.038 min  
Response: 73165208  
Conc: 527.22 ng/ml



#20 AR-1242-5

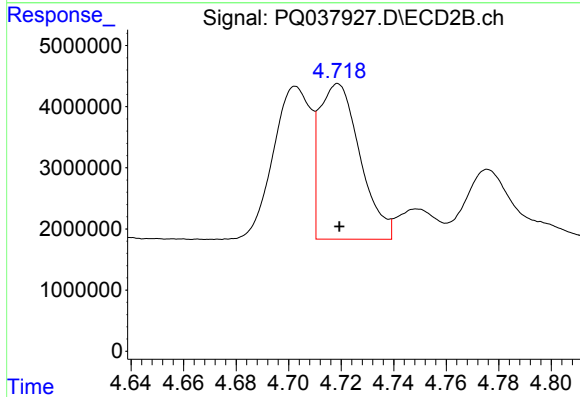
R.T.: 5.485 min  
Delta R.T.: -0.019 min  
Response: 59750445  
Conc: 683.41 ng/ml



#21 AR-1248-1

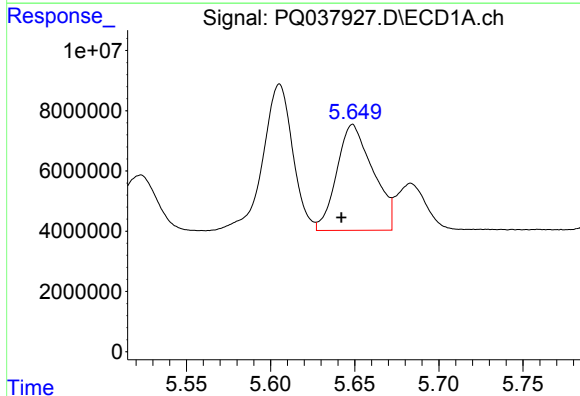
R.T.: 5.365 min  
Delta R.T.: -0.014 min  
Response: 53253244  
Conc: 452.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



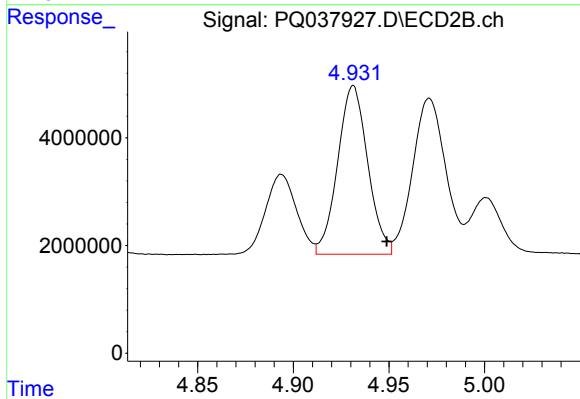
#21 AR-1248-1

R.T.: 4.719 min  
Delta R.T.: 0.000 min  
Response: 27295324  
Conc: 409.17 ng/ml



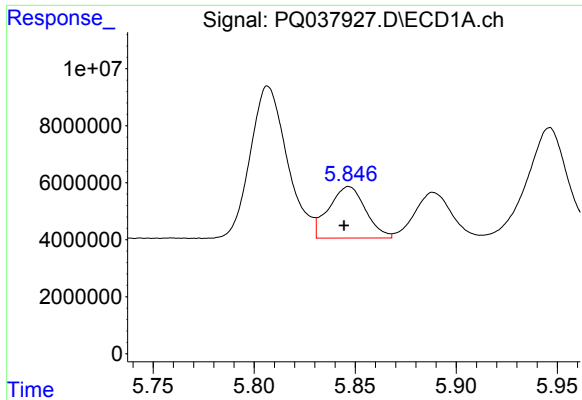
#22 AR-1248-2

R.T.: 5.649 min  
Delta R.T.: 0.007 min  
Response: 52561690  
Conc: 306.38 ng/ml



#22 AR-1248-2

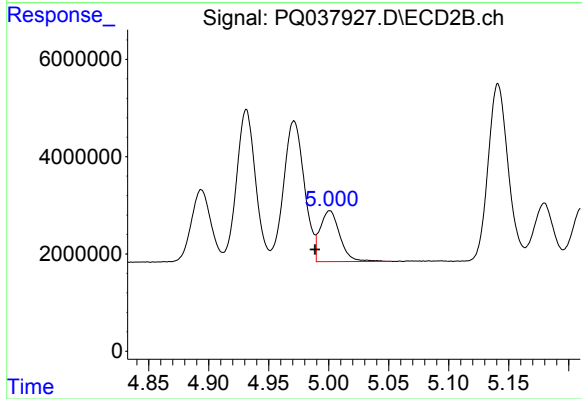
R.T.: 4.931 min  
Delta R.T.: -0.018 min  
Response: 34273041  
Conc: 379.12 ng/ml



#23 AR-1248-3

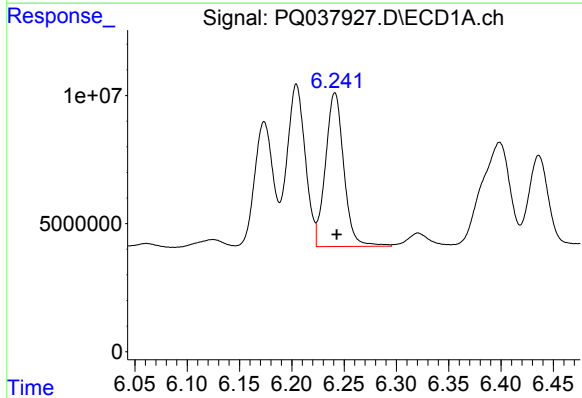
R.T.: 5.847 min  
Delta R.T.: 0.002 min  
Response: 22874319  
Conc: 117.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



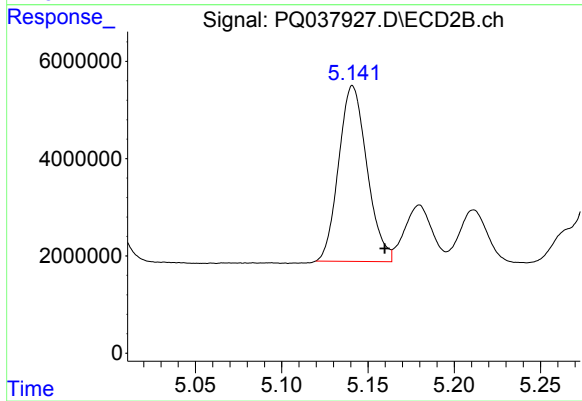
#23 AR-1248-3

R.T.: 5.001 min  
Delta R.T.: 0.012 min  
Response: 11971087  
Conc: 129.71 ng/ml



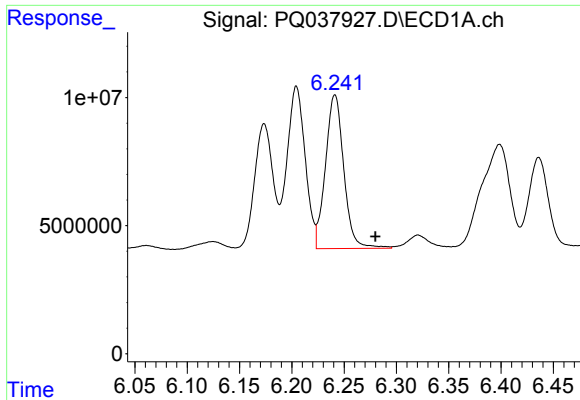
#24 AR-1248-4

R.T.: 6.241 min  
Delta R.T.: -0.002 min  
Response: 73165208  
Conc: 321.79 ng/ml



#24 AR-1248-4

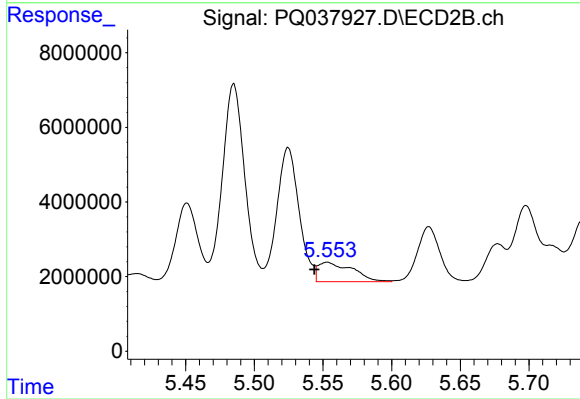
R.T.: 5.141 min  
Delta R.T.: -0.019 min  
Response: 41217706  
Conc: 363.22 ng/ml



#25 AR-1248-5

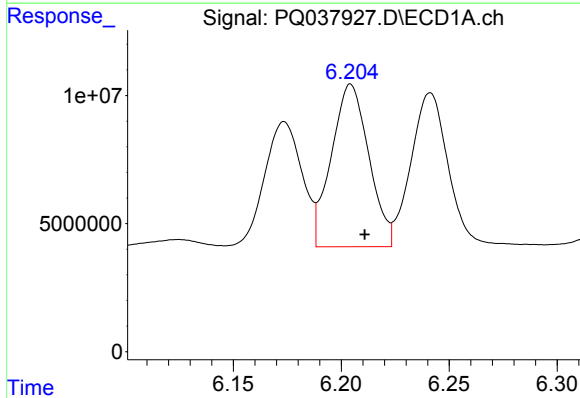
R.T.: 6.241 min  
Delta R.T.: -0.039 min  
Response: 73165208  
Conc: 338.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



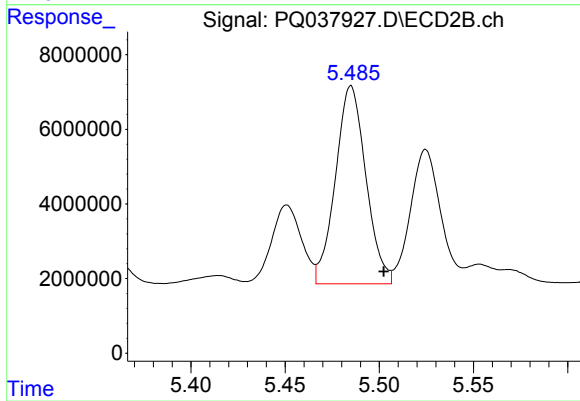
#25 AR-1248-5

R.T.: 5.553 min  
Delta R.T.: 0.009 min  
Response: 9141610  
Conc: 83.26 ng/ml



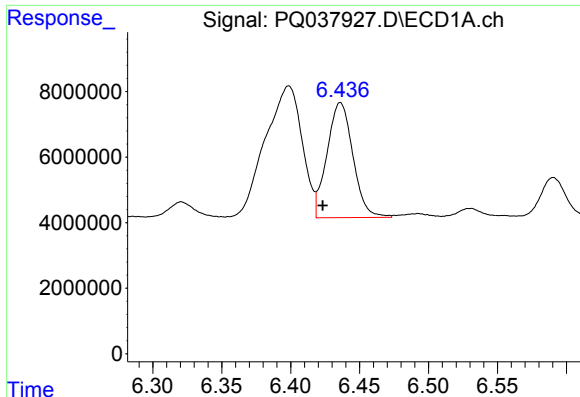
#26 AR-1254-1

R.T.: 6.204 min  
Delta R.T.: -0.006 min  
Response: 76714568  
Conc: 362.22 ng/ml



#26 AR-1254-1

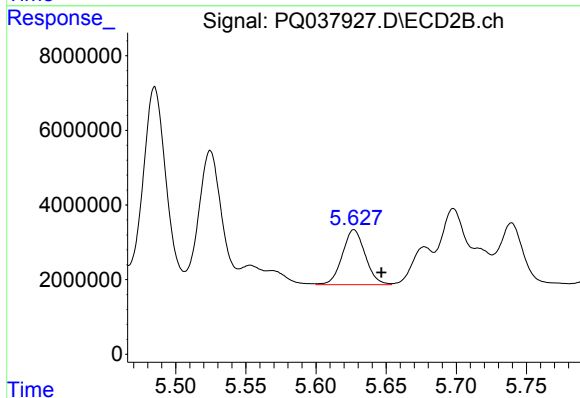
R.T.: 5.485 min  
Delta R.T.: -0.017 min  
Response: 59750445  
Conc: 360.35 ng/ml



#27 AR-1254-2

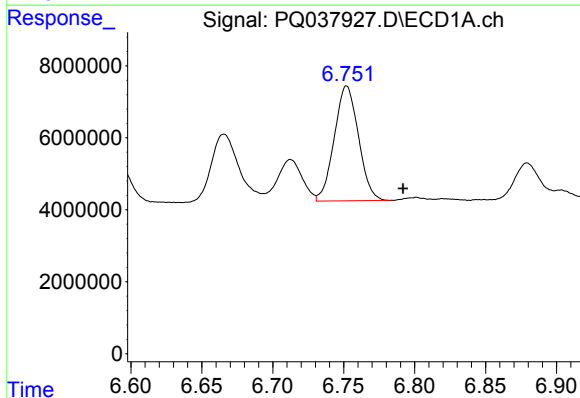
R.T.: 6.436 min  
Delta R.T.: 0.013 min  
Response: 45902716  
Conc: 136.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



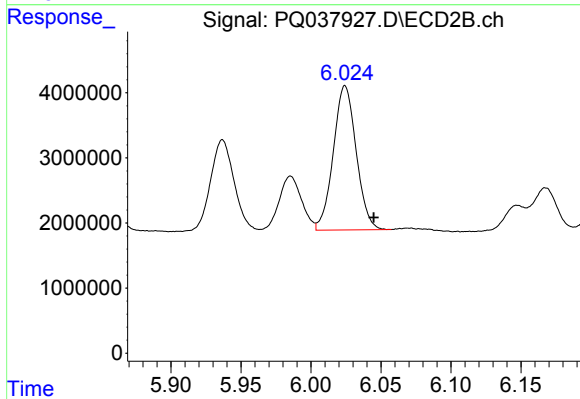
#27 AR-1254-2

R.T.: 5.627 min  
Delta R.T.: -0.020 min  
Response: 16761412  
Conc: 117.70 ng/ml



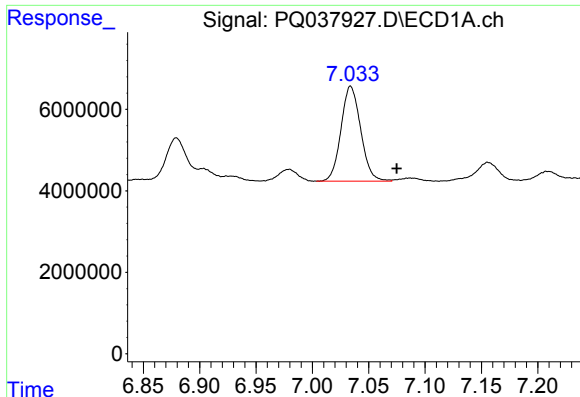
#28 AR-1254-3

R.T.: 6.752 min  
Delta R.T.: -0.040 min  
Response: 37975394  
Conc: 109.42 ng/ml



#28 AR-1254-3

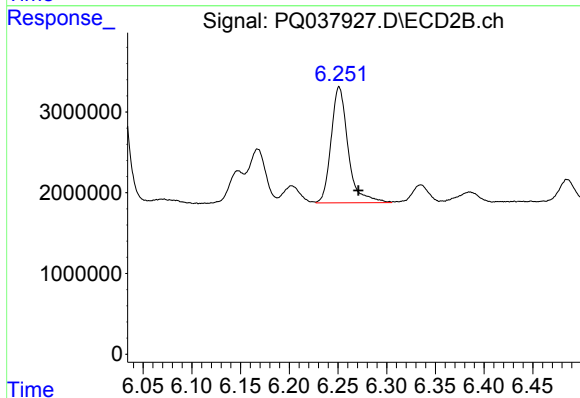
R.T.: 6.024 min  
Delta R.T.: -0.021 min  
Response: 25245531  
Conc: 110.65 ng/ml



#29 AR-1254-4

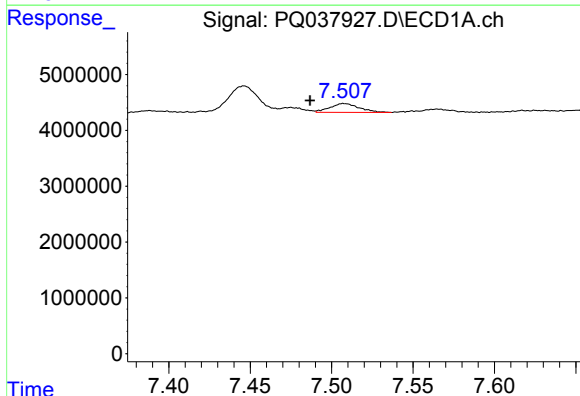
R.T.: 7.034 min  
Delta R.T.: -0.041 min  
Response: 28367316  
Conc: 102.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



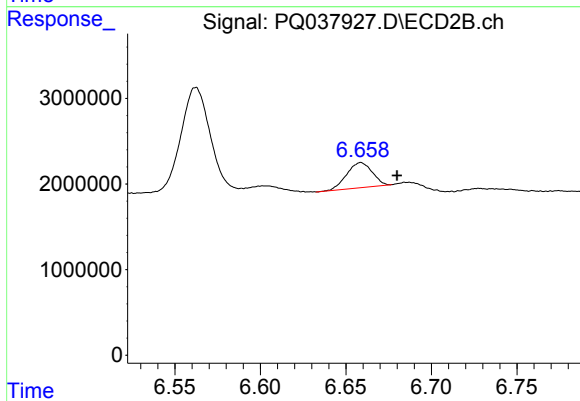
#29 AR-1254-4

R.T.: 6.251 min  
Delta R.T.: -0.020 min  
Response: 17432544  
Conc: 101.51 ng/ml



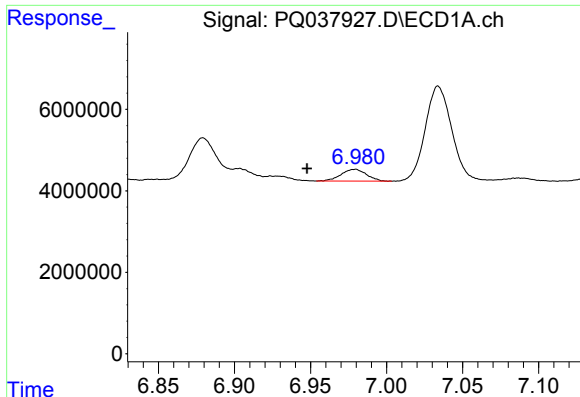
#30 AR-1254-5

R.T.: 7.508 min  
Delta R.T.: 0.021 min  
Response: 1984653  
Conc: 7.18 ng/ml



#30 AR-1254-5

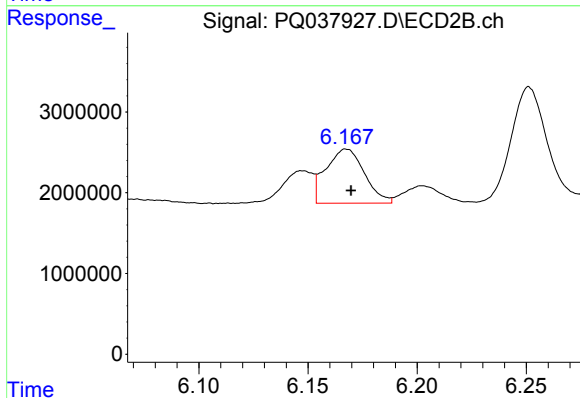
R.T.: 6.659 min  
Delta R.T.: -0.021 min  
Response: 3032227  
Conc: 15.66 ng/ml



#31 AR-1260-1

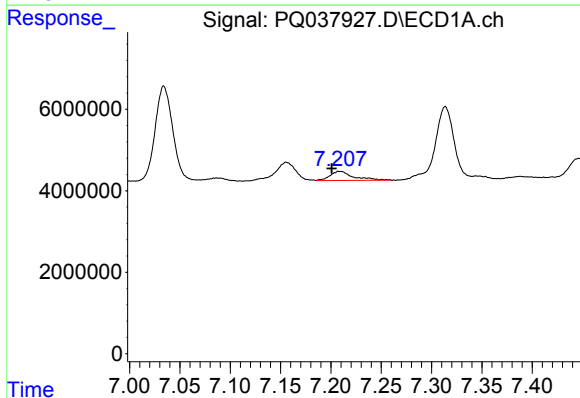
R.T.: 6.979 min  
Delta R.T.: 0.031 min  
Response: 3340378  
Conc: 7.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



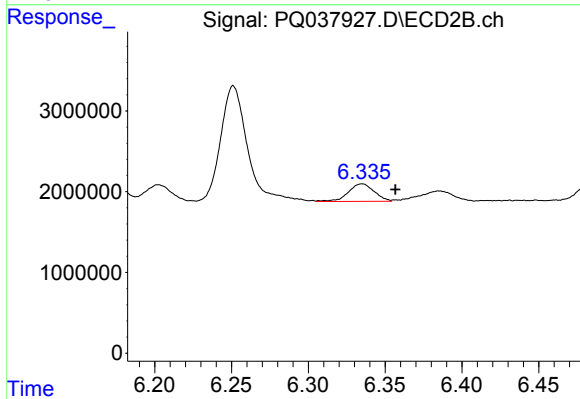
#31 AR-1260-1

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 8245056  
Conc: 32.52 ng/ml



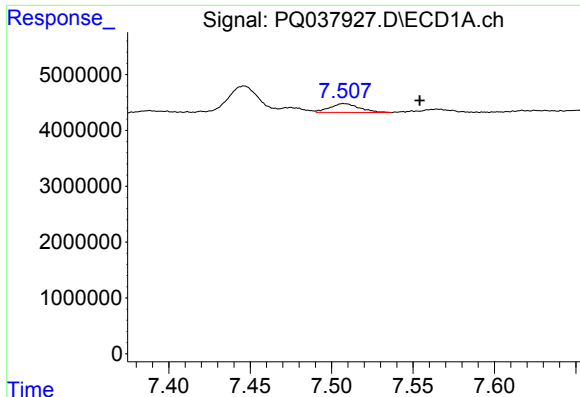
#32 AR-1260-2

R.T.: 7.209 min  
Delta R.T.: 0.008 min  
Response: 3700422  
Conc: 6.40 ng/ml



#32 AR-1260-2

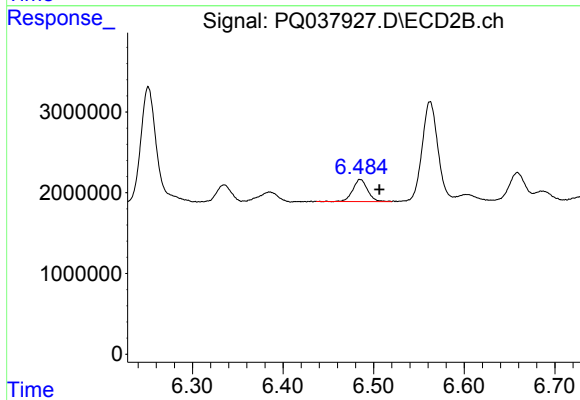
R.T.: 6.335 min  
Delta R.T.: -0.022 min  
Response: 2553975  
Conc: 8.31 ng/ml



#33 AR-1260-3

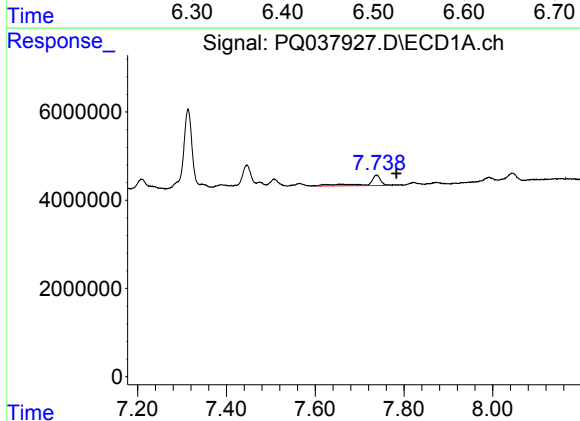
R.T.: 7.508 min  
Delta R.T.: -0.046 min  
Response: 1984653  
Conc: 4.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



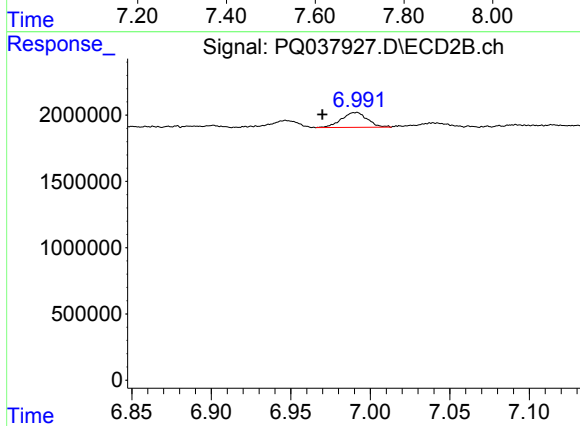
#33 AR-1260-3

R.T.: 6.485 min  
Delta R.T.: -0.021 min  
Response: 3104552  
Conc: 10.93 ng/ml



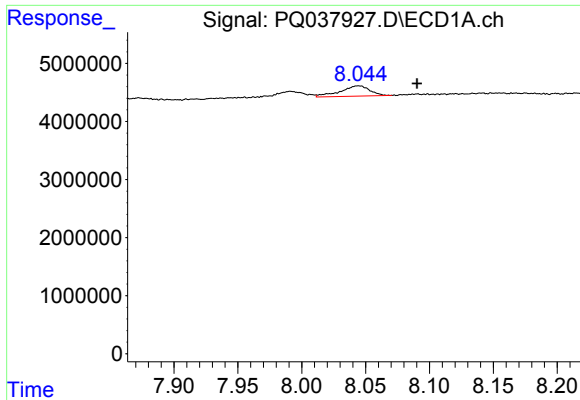
#34 AR-1260-4

R.T.: 7.738 min  
Delta R.T.: -0.045 min  
Response: 4623982  
Conc: 10.56 ng/ml



#34 AR-1260-4

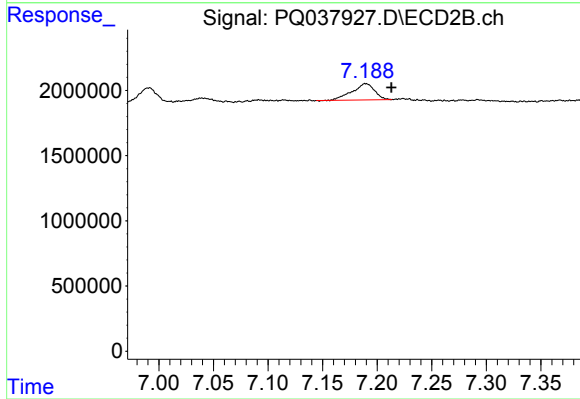
R.T.: 6.991 min  
Delta R.T.: 0.021 min  
Response: 1284284  
Conc: 5.84 ng/ml



#35 AR-1260-5

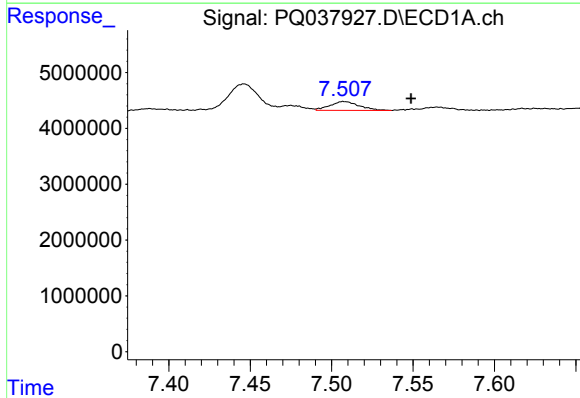
R.T.: 8.044 min  
Delta R.T.: -0.046 min  
Response: 2870846  
Conc: 2.86 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



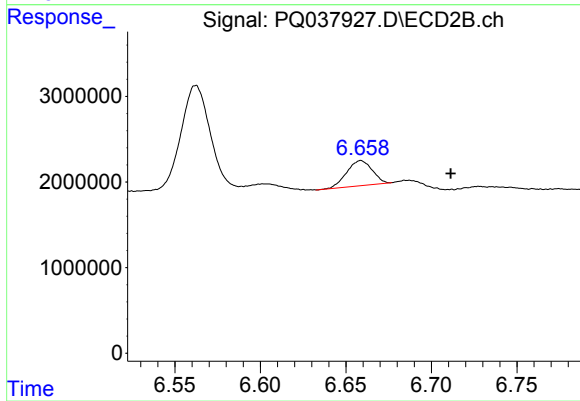
#35 AR-1260-5

R.T.: 7.190 min  
Delta R.T.: -0.024 min  
Response: 1806204  
Conc: 3.42 ng/ml



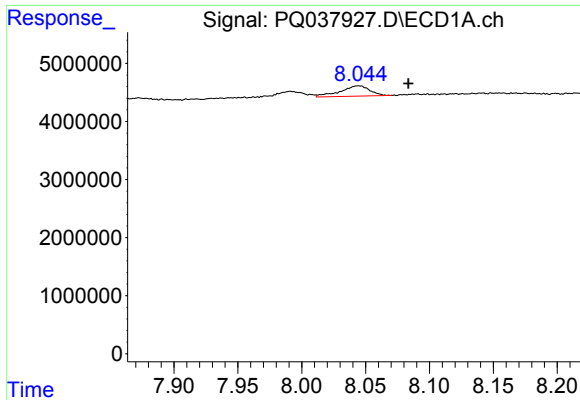
#36 AR-1262-1

R.T.: 7.508 min  
Delta R.T.: -0.041 min  
Response: 1984653  
Conc: 4.97 ng/ml



#36 AR-1262-1

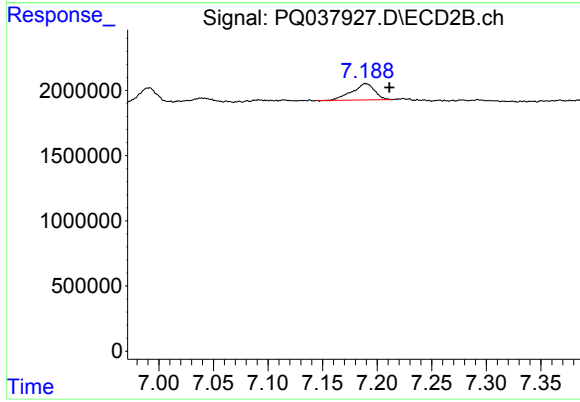
R.T.: 6.659 min  
Delta R.T.: -0.052 min  
Response: 3032227  
Conc: 14.49 ng/ml



#37 AR-1262-2

R.T.: 8.044 min  
Delta R.T.: -0.039 min  
Response: 2870846  
Conc: 4.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248376



#37 AR-1262-2

R.T.: 7.190 min  
Delta R.T.: -0.022 min  
Response: 1806204  
Conc: 4.88 ng/ml