

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ060919\  
 Data File : PQ040784.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jun 2019 11:00  
 Operator : SM\AJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1254307

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 10 06:46:39 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ060619CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jun 07 01:39:59 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... | 5.519  | 4.630  | 69516078 | 46525239 | 29.431   | 27.857     |
| 2)                          | SA Decachlor... | 11.776 | 10.321 | 349.7E6  | 170.7E6  | 46.439   | 39.019     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 5)                          | L1 AR-1016-3    | 0.000  | 6.361  | 0        | 24364313 | N.D.     | 275.411 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.361  | 0        | 24364313 | N.D.     | 326.423 #  |
| 7)                          | L1 AR-1016-5    | 7.507  | 6.612  | 19458786 | 14719166 | 173.240  | 151.277    |
| 13)                         | L3 AR-1232-3    | 0.000  | 6.361  | 0        | 24364313 | N.D.     | 1053.850 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.408  | 0        | 6366012  | N.D.     | 312.298 #  |
| 15)                         | L3 AR-1232-5    | 7.278  | 6.612  | 33632070 | 14719166 | 1482.254 | 562.675 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 6.361  | 0        | 24364313 | N.D.     | 654.925 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.408  | 0        | 6366012  | N.D.     | 168.474 #  |
| 20)                         | L4 AR-1242-5    | 7.998  | 7.020  | 20220786 | 69039285 | 366.065  | 1217.025 # |
| 22)                         | L5 AR-1248-2    | 7.327  | 6.361  | 8485438  | 24364313 | 117.999  | 399.535 #  |
| 23)                         | L5 AR-1248-3    | 7.507  | 6.408  | 19458786 | 6366012  | 224.644  | 104.199 #  |
| 24)                         | L5 AR-1248-4    | 7.998  | 6.612  | 20220786 | 14719166 | 194.204  | 189.351    |
| 25)                         | L5 AR-1248-5    | 7.998  | 7.101  | 20220786 | 7324280  | 208.443  | 92.147 #   |
| 26)                         | L6 AR-1254-1    | 7.954  | 7.020  | 33083881 | 69039285 | 252.504  | 430.199 #  |
| 27)                         | L6 AR-1254-2    | 8.160  | 7.189  | 108.2E6  | 61552509 | 495.330  | 417.834    |
| 28)                         | L6 AR-1254-3    | 8.556  | 7.635  | 120.6E6  | 97123251 | 505.287  | 404.289    |
| 29)                         | L6 AR-1254-4    | 8.858  | 7.915  | 93526455 | 12187772 | 475.198  | 81.007 #   |
| 30)                         | L6 AR-1254-5    | 9.326  | 8.328  | 12018278 | 95637260 | 53.509   | 409.853 #  |
| 31)                         | L7 AR-1260-1    | 8.725  | 7.774  | 50040503 | 48777429 | 171.798  | 200.714    |
| 32)                         | L7 AR-1260-2    | 9.046  | 7.979  | 32456072 | 40509632 | 77.792   | 128.204 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 8.141  | 0        | 39498699 | N.D.     | 138.550 #  |
| 34)                         | L7 AR-1260-4    | 9.601  | 8.680  | 41936370 | 22313271 | 117.822  | 91.594     |
| 35)                         | L7 AR-1260-5    | 9.940  | 8.890  | 24799185 | 9967319  | 28.709   | 15.336 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 8.401  | 0        | 10501367 | N.D.     | 94.406 #   |
| 37)                         | L8 AR-1262-2    | 9.940  | 8.890  | 24799185 | 9967319  | 39.213   | 19.362 #   |
| 38)                         | L8 AR-1262-3    | 10.284 | 9.249  | 11267203 | 10155606 | 24.944   | 46.754 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 9.249  | 0        | 10155606 | N.D.     | 25.974 #   |
| 41)                         | L9 AR-1268-1    | 10.284 | 9.249  | 11267203 | 10155606 | 18.192   | 22.148     |
| 42)                         | L9 AR-1268-2    | 0.000  | 9.249  | 0        | 10155606 | N.D.     | 23.768 #   |
| -----                       |                 |        |        |          |          |          |            |

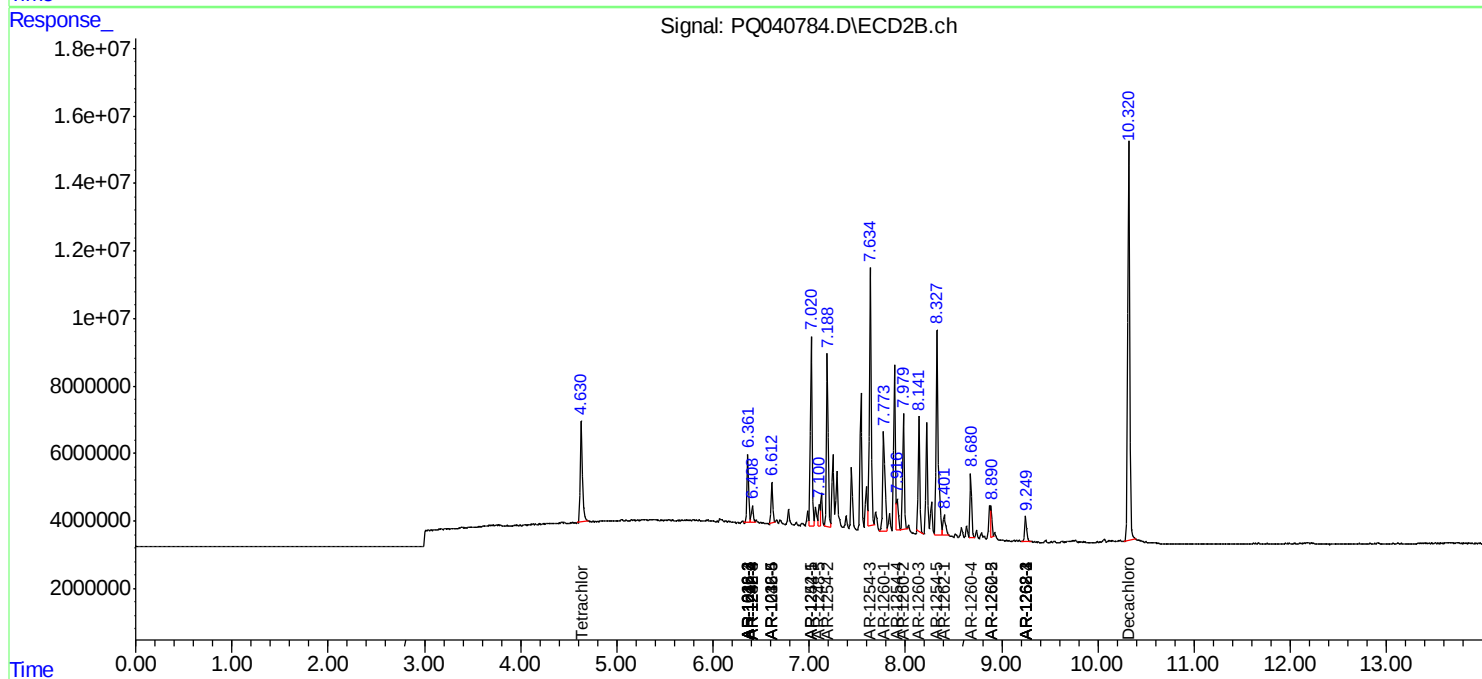
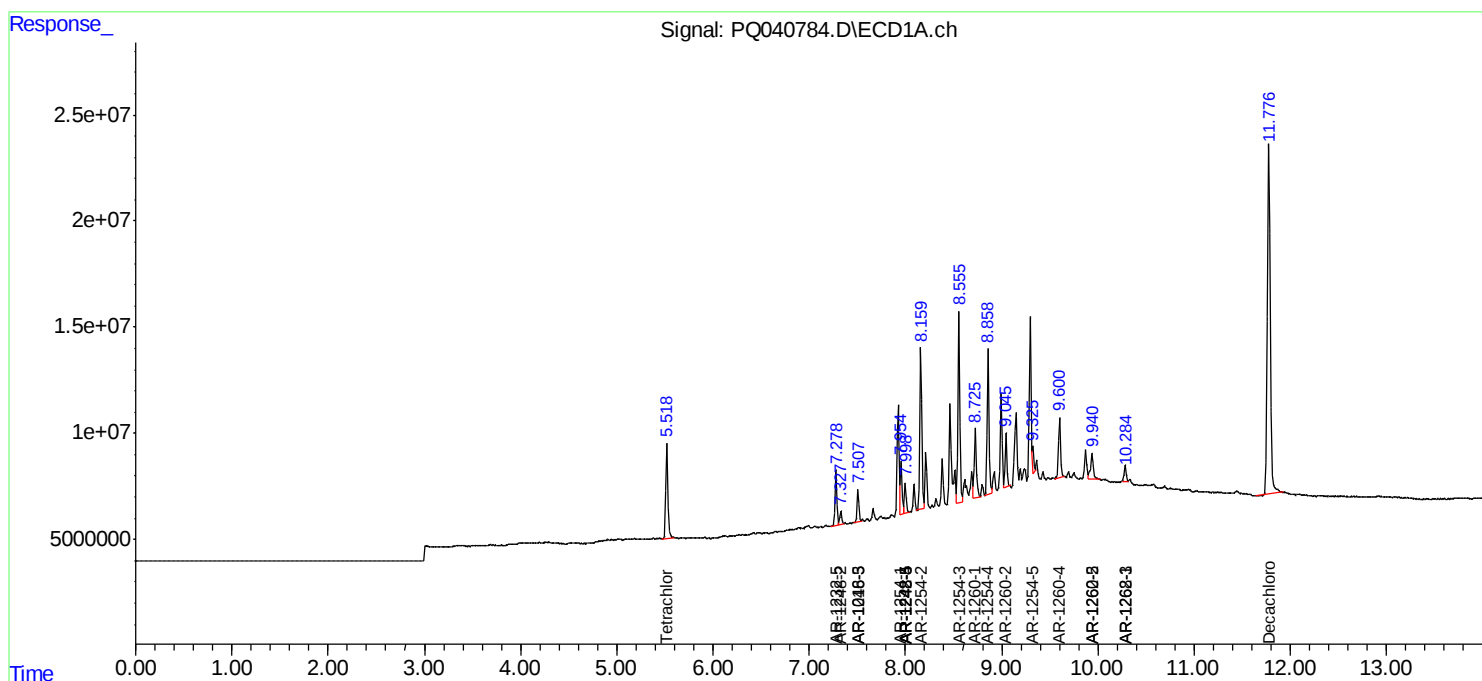
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

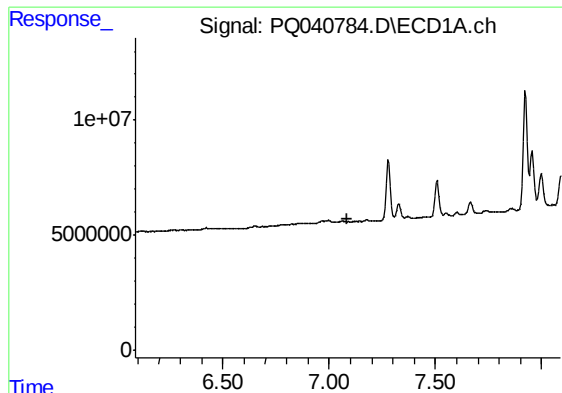
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ060919\  
Data File : PQ040784.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jun 2019 11:00  
Operator : SM\AJ  
Sample : AR1254CCC400  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :  
AR1254307

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 10 06:46:39 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ060619CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jun 07 01:39:59 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

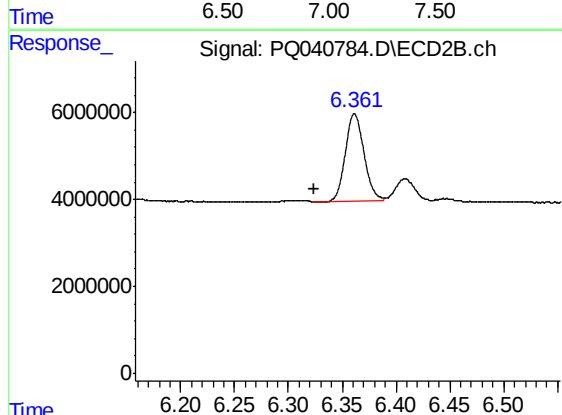




#5 AR-1016-3

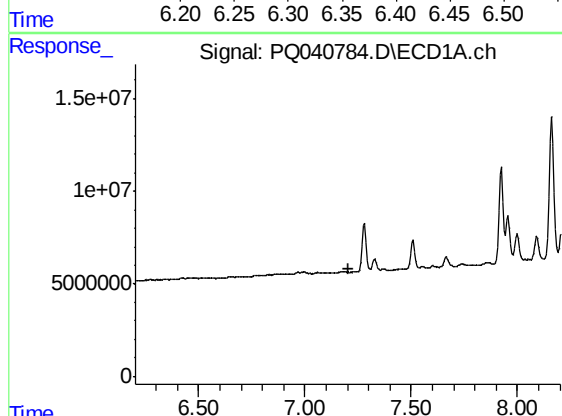
R.T.: 0.000 min  
Exp R.T. : 7.088 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



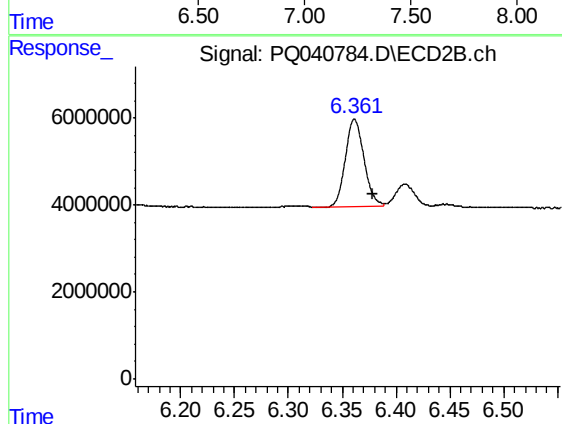
#5 AR-1016-3

R.T.: 6.361 min  
Delta R.T.: 0.038 min  
Response: 24364313  
Conc: 275.41 ng/ml



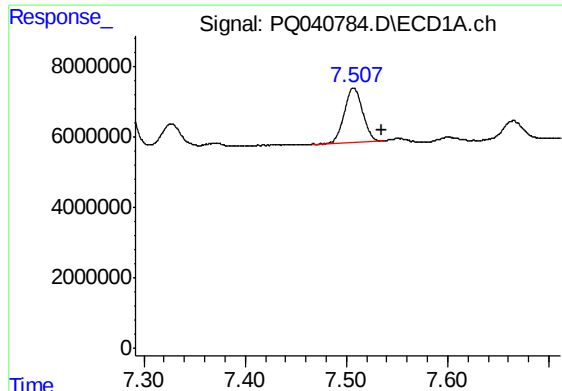
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 7.202 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

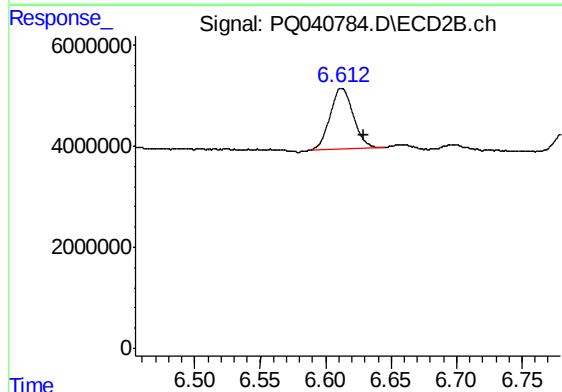
R.T.: 6.361 min  
Delta R.T.: -0.017 min  
Response: 24364313  
Conc: 326.42 ng/ml



#7 AR-1016-5

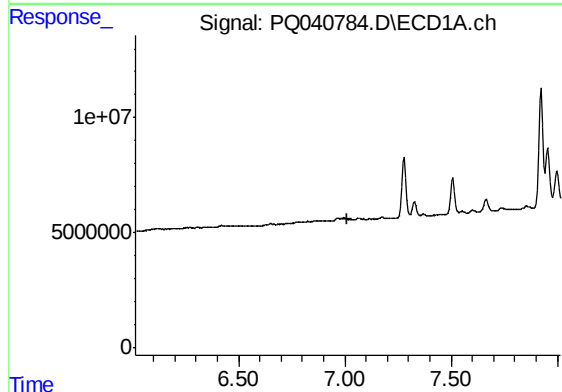
R.T.: 7.507 min  
Delta R.T.: -0.028 min  
Response: 19458786  
Conc: 173.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



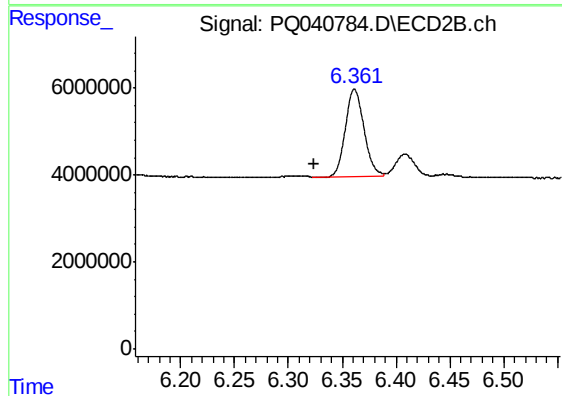
#7 AR-1016-5

R.T.: 6.612 min  
Delta R.T.: -0.017 min  
Response: 14719166  
Conc: 151.28 ng/ml



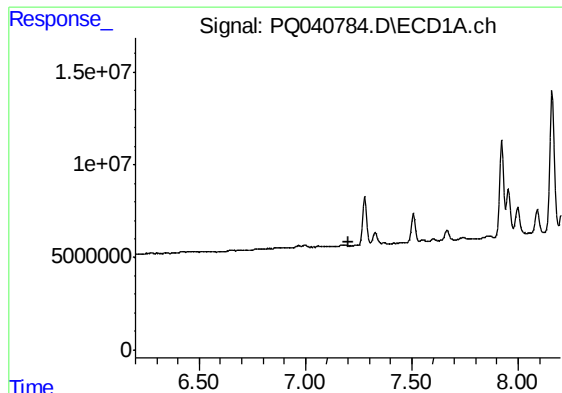
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 7.015 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

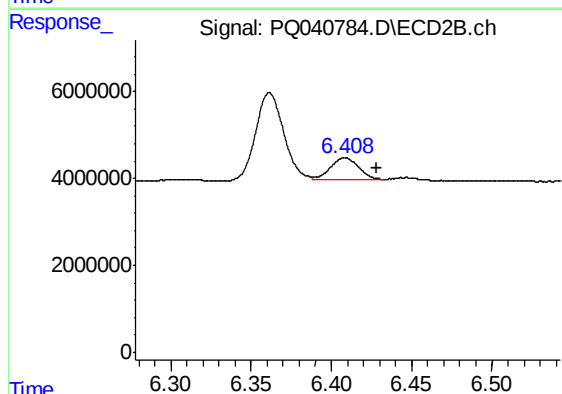
R.T.: 6.361 min  
Delta R.T.: 0.037 min  
Response: 24364313  
Conc: 1053.85 ng/ml



#14 AR-1232-4

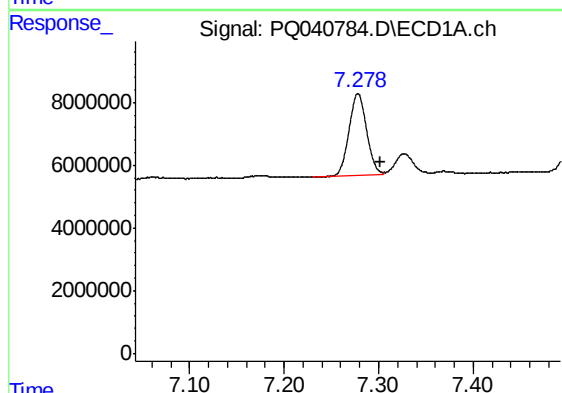
R.T.: 0.000 min  
Exp R.T.: 7.200 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



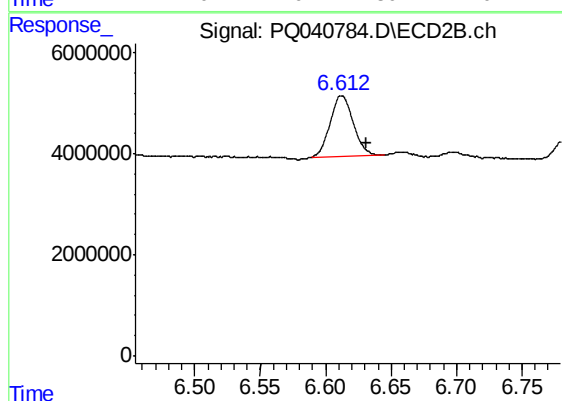
#14 AR-1232-4

R.T.: 6.408 min  
Delta R.T.: -0.020 min  
Response: 6366012  
Conc: 312.30 ng/ml



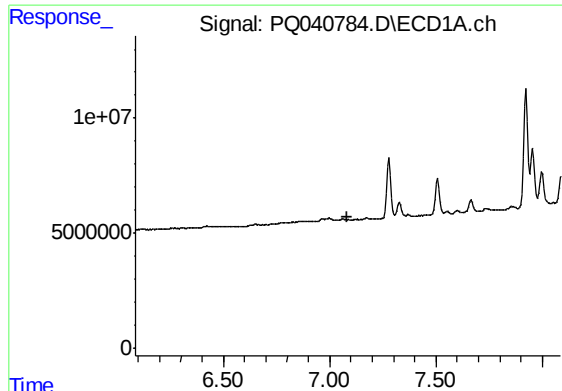
#15 AR-1232-5

R.T.: 7.278 min  
Delta R.T.: -0.024 min  
Response: 33632070  
Conc: 1482.25 ng/ml



#15 AR-1232-5

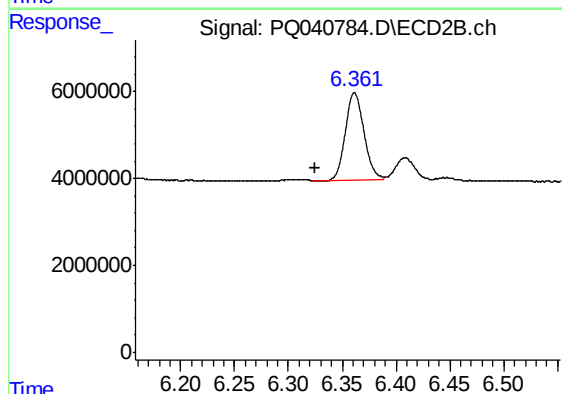
R.T.: 6.612 min  
Delta R.T.: -0.019 min  
Response: 14719166  
Conc: 562.67 ng/ml



#18 AR-1242-3

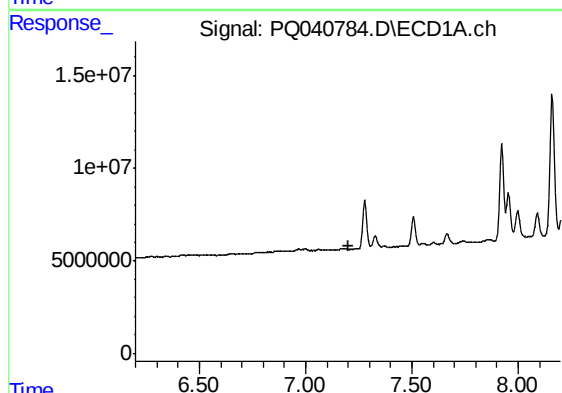
R.T.: 0.000 min  
Exp R.T. : 7.086 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



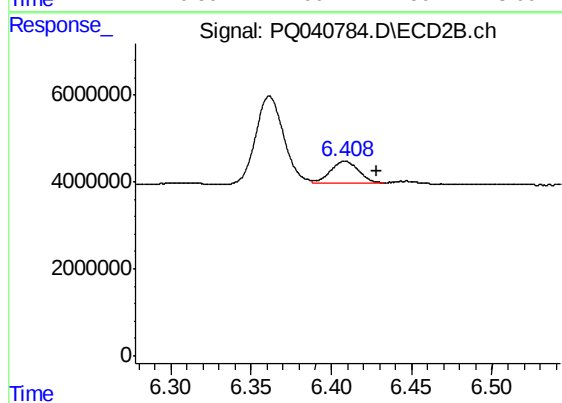
#18 AR-1242-3

R.T.: 6.361 min  
Delta R.T.: 0.036 min  
Response: 24364313  
Conc: 654.93 ng/ml



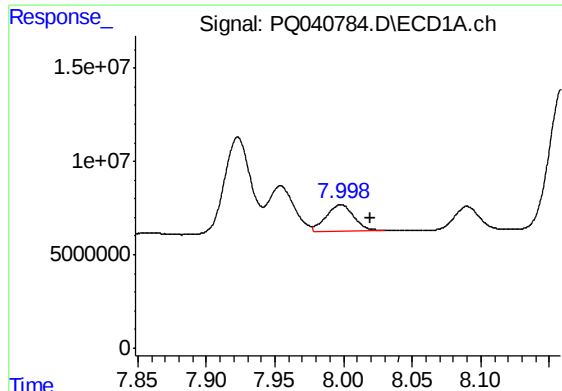
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 7.199 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

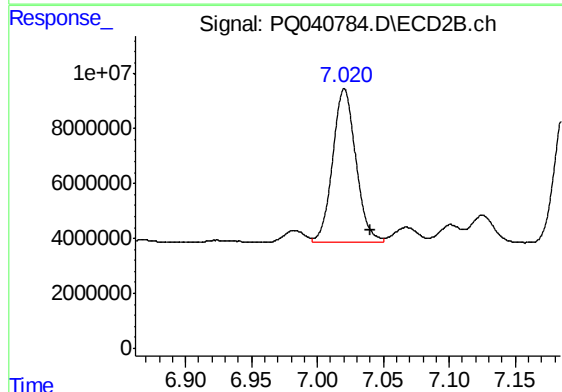
R.T.: 6.408 min  
Delta R.T.: -0.020 min  
Response: 6366012  
Conc: 168.47 ng/ml



#20 AR-1242-5

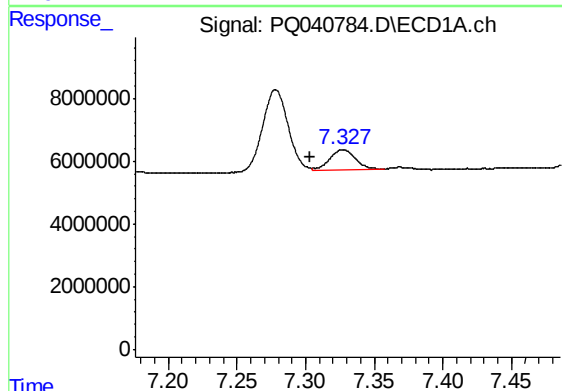
R.T.: 7.998 min  
Delta R.T.: -0.021 min  
Response: 20220786  
Conc: 366.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



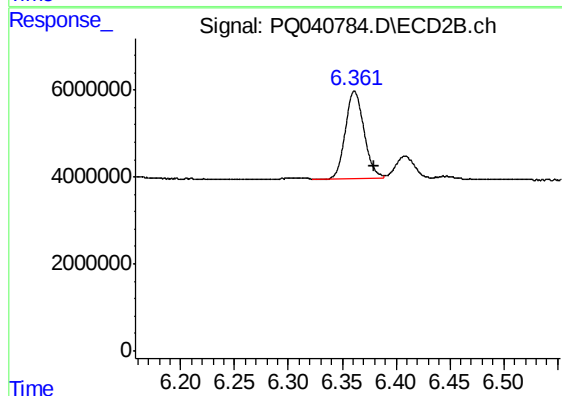
#20 AR-1242-5

R.T.: 7.020 min  
Delta R.T.: -0.019 min  
Response: 69039285  
Conc: 1217.03 ng/ml



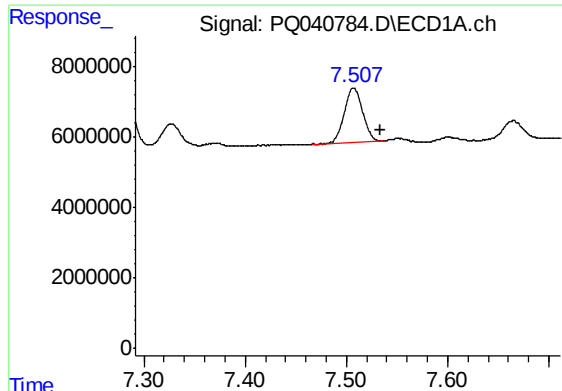
#22 AR-1248-2

R.T.: 7.327 min  
Delta R.T.: 0.024 min  
Response: 8485438  
Conc: 118.00 ng/ml



#22 AR-1248-2

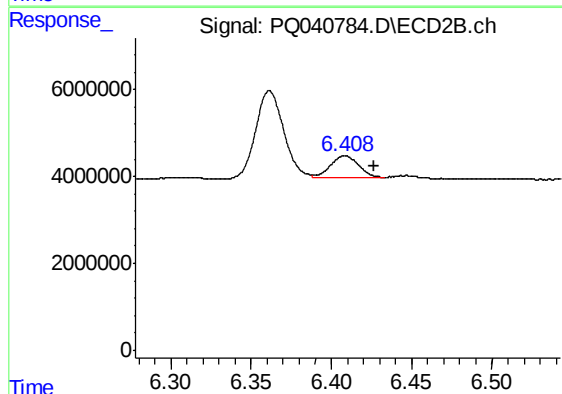
R.T.: 6.361 min  
Delta R.T.: -0.018 min  
Response: 24364313  
Conc: 399.53 ng/ml



#23 AR-1248-3

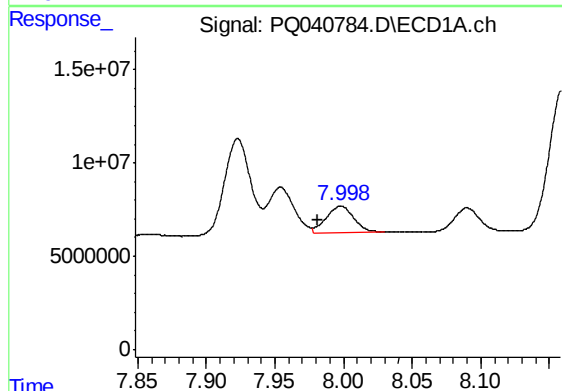
R.T.: 7.507 min  
Delta R.T.: -0.026 min  
Response: 19458786  
Conc: 224.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



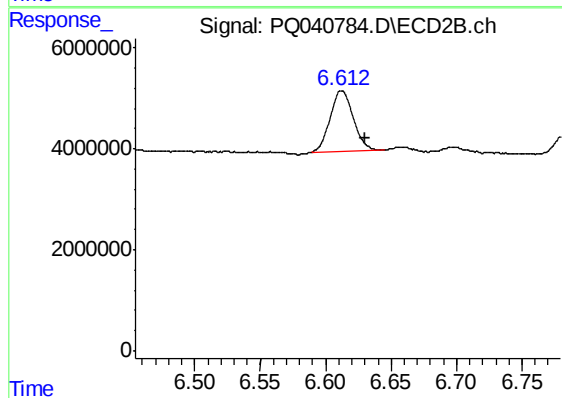
#23 AR-1248-3

R.T.: 6.408 min  
Delta R.T.: -0.018 min  
Response: 6366012  
Conc: 104.20 ng/ml



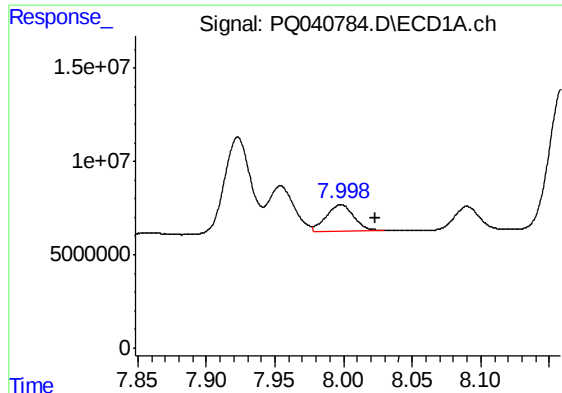
#24 AR-1248-4

R.T.: 7.998 min  
Delta R.T.: 0.017 min  
Response: 20220786  
Conc: 194.20 ng/ml



#24 AR-1248-4

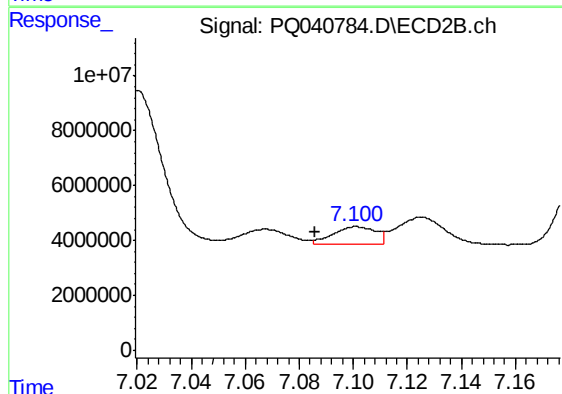
R.T.: 6.612 min  
Delta R.T.: -0.018 min  
Response: 14719166  
Conc: 189.35 ng/ml



#25 AR-1248-5

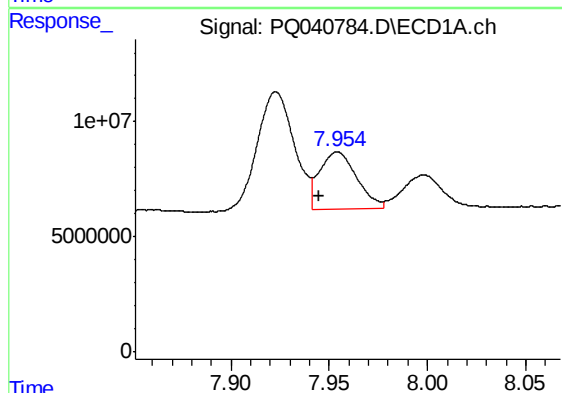
R.T.: 7.998 min  
Delta R.T.: -0.025 min  
Response: 20220786  
Conc: 208.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



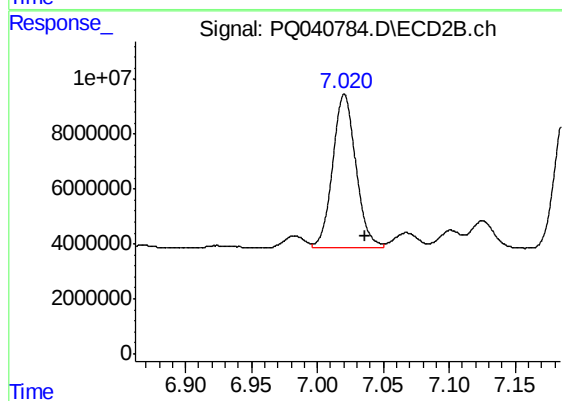
#25 AR-1248-5

R.T.: 7.101 min  
Delta R.T.: 0.015 min  
Response: 7324280  
Conc: 92.15 ng/ml



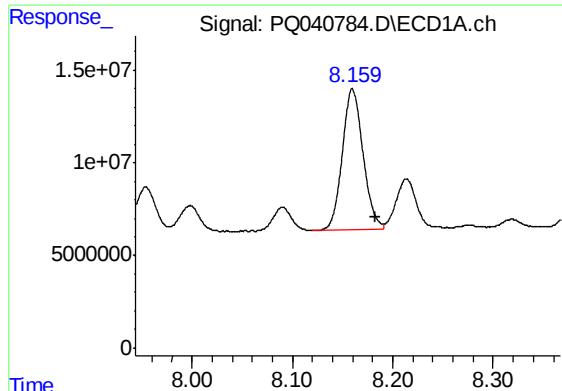
#26 AR-1254-1

R.T.: 7.954 min  
Delta R.T.: 0.010 min  
Response: 33083881  
Conc: 252.50 ng/ml



#26 AR-1254-1

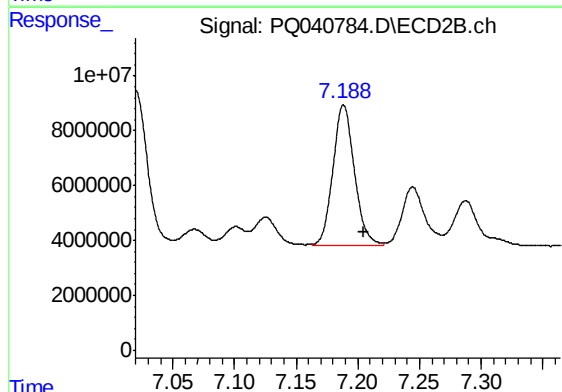
R.T.: 7.020 min  
Delta R.T.: -0.015 min  
Response: 69039285  
Conc: 430.20 ng/ml



#27 AR-1254-2

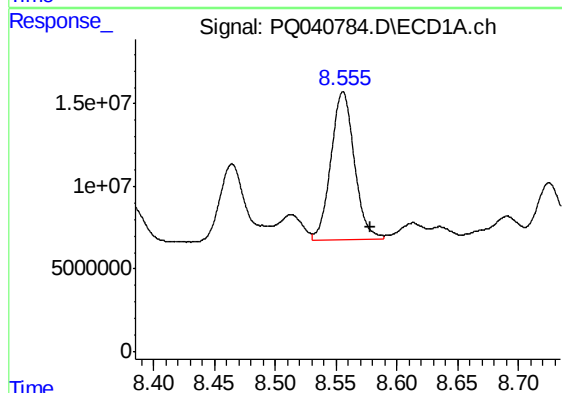
R.T.: 8.160 min  
Delta R.T.: -0.024 min  
Response: 108212467  
Conc: 495.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



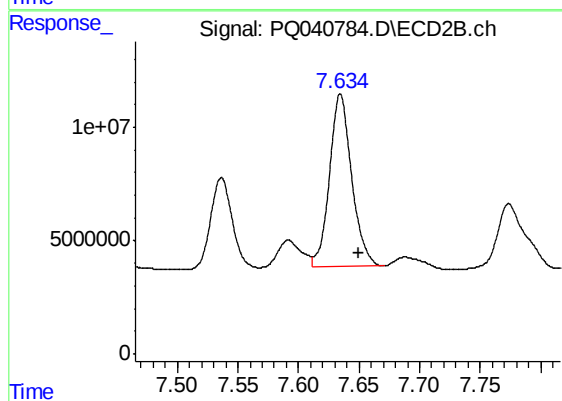
#27 AR-1254-2

R.T.: 7.189 min  
Delta R.T.: -0.016 min  
Response: 61552509  
Conc: 417.83 ng/ml



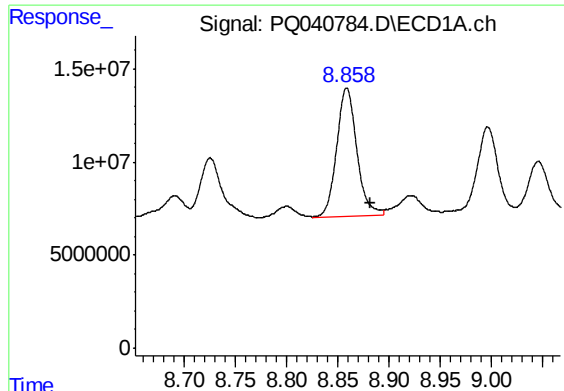
#28 AR-1254-3

R.T.: 8.556 min  
Delta R.T.: -0.023 min  
Response: 120649534  
Conc: 505.29 ng/ml



#28 AR-1254-3

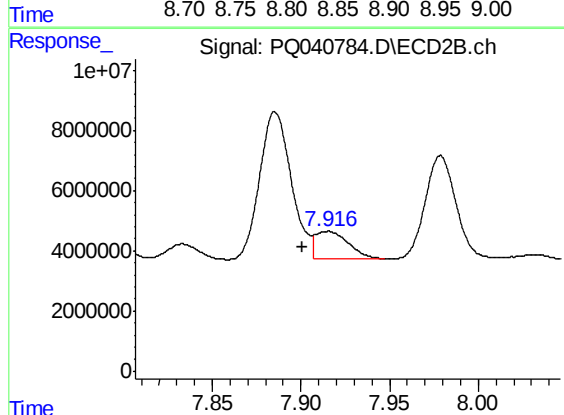
R.T.: 7.635 min  
Delta R.T.: -0.015 min  
Response: 97123251  
Conc: 404.29 ng/ml



#29 AR-1254-4

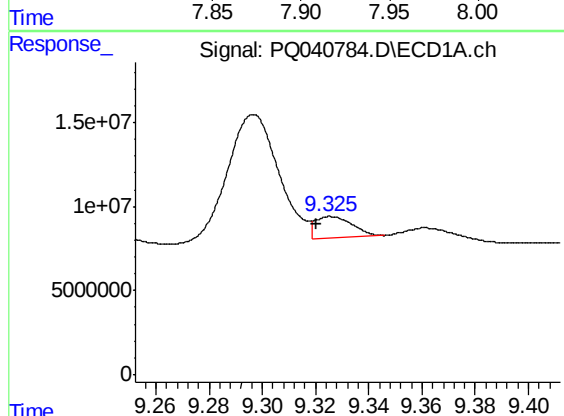
R.T.: 8.858 min  
Delta R.T.: -0.023 min  
Response: 93526455  
Conc: 475.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



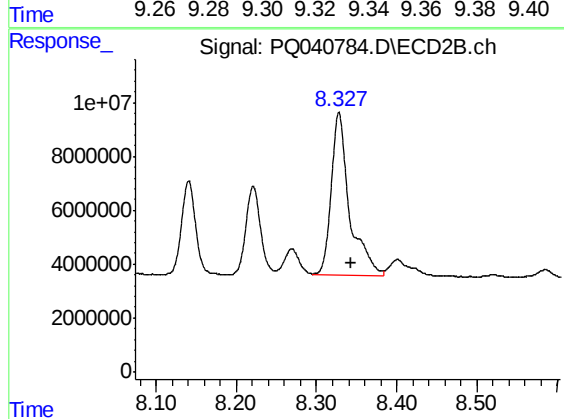
#29 AR-1254-4

R.T.: 7.915 min  
Delta R.T.: 0.015 min  
Response: 12187772  
Conc: 81.01 ng/ml



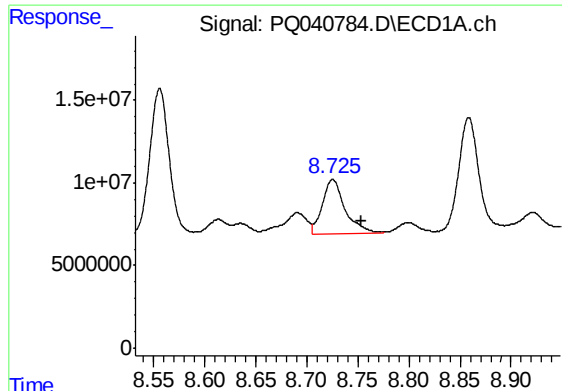
#30 AR-1254-5

R.T.: 9.326 min  
Delta R.T.: 0.005 min  
Response: 12018278  
Conc: 53.51 ng/ml



#30 AR-1254-5

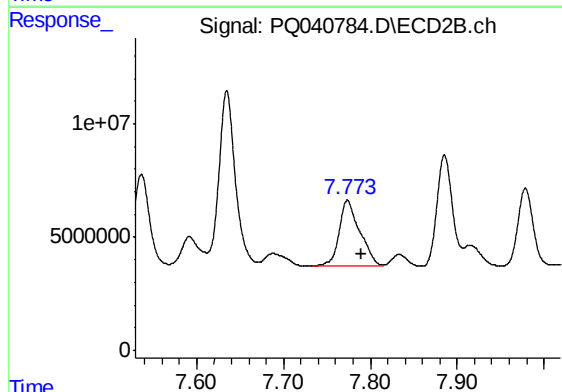
R.T.: 8.328 min  
Delta R.T.: -0.016 min  
Response: 95637260  
Conc: 409.85 ng/ml



#31 AR-1260-1

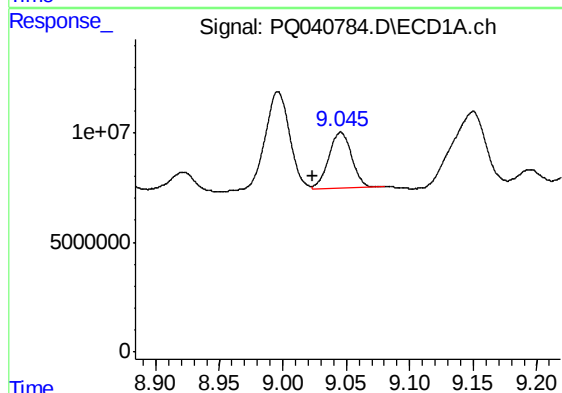
R.T.: 8.725 min  
Delta R.T.: -0.028 min  
Response: 50040503  
Conc: 171.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



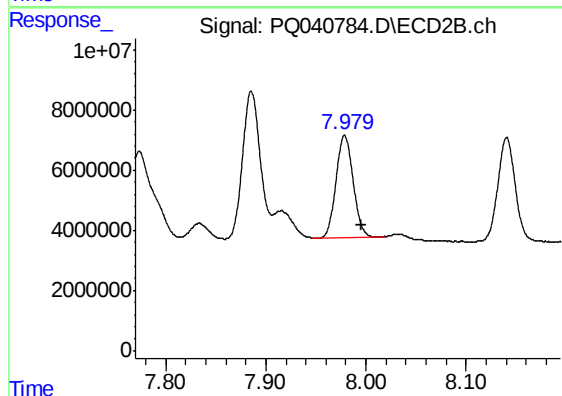
#31 AR-1260-1

R.T.: 7.774 min  
Delta R.T.: -0.016 min  
Response: 48777429  
Conc: 200.71 ng/ml



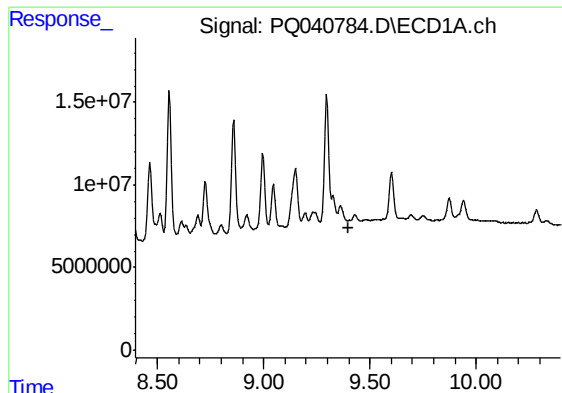
#32 AR-1260-2

R.T.: 9.046 min  
Delta R.T.: 0.022 min  
Response: 32456072  
Conc: 77.79 ng/ml



#32 AR-1260-2

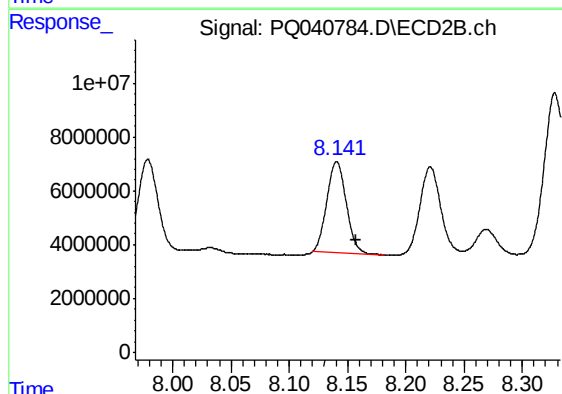
R.T.: 7.979 min  
Delta R.T.: -0.017 min  
Response: 40509632  
Conc: 128.20 ng/ml



#33 AR-1260-3

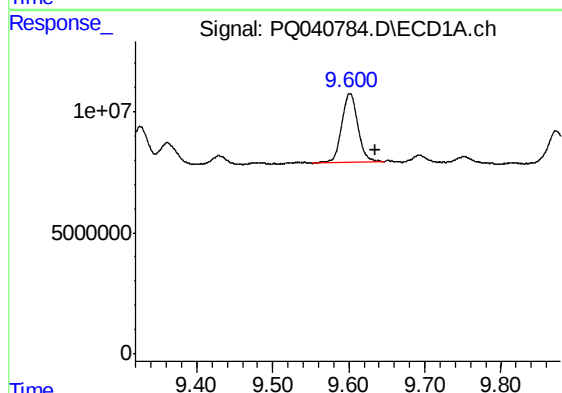
R.T.: 0.000 min  
Exp R.T.: 9.397 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



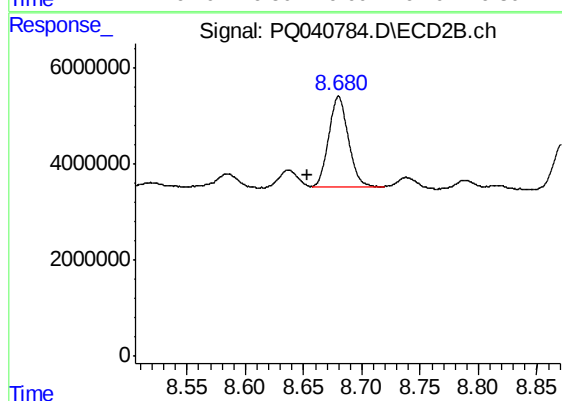
#33 AR-1260-3

R.T.: 8.141 min  
Delta R.T.: -0.017 min  
Response: 39498699  
Conc: 138.55 ng/ml



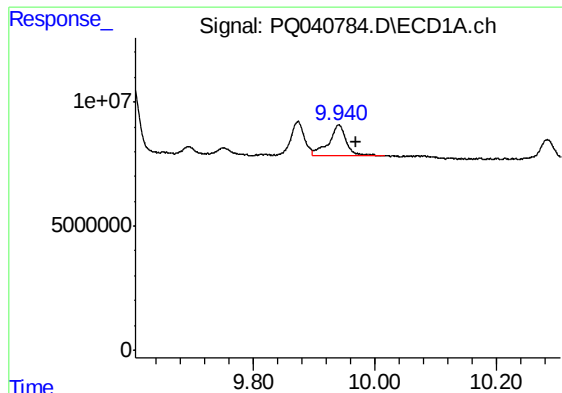
#34 AR-1260-4

R.T.: 9.601 min  
Delta R.T.: -0.033 min  
Response: 41936370  
Conc: 117.82 ng/ml



#34 AR-1260-4

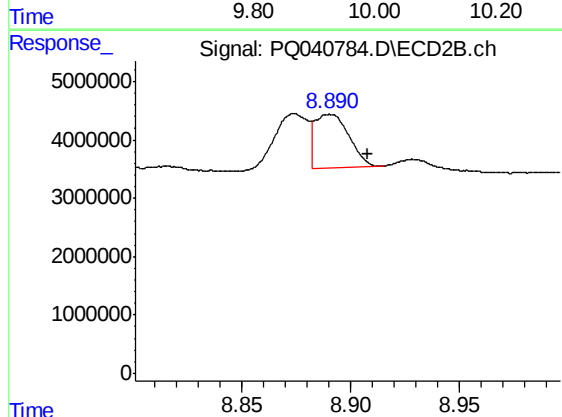
R.T.: 8.680 min  
Delta R.T.: 0.027 min  
Response: 22313271  
Conc: 91.59 ng/ml



#35 AR-1260-5

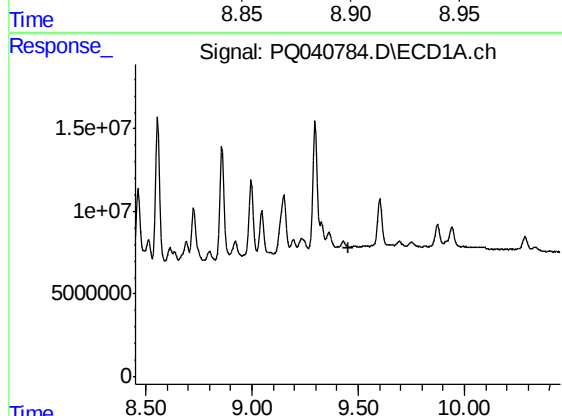
R.T.: 9.940 min  
Delta R.T.: -0.029 min  
Response: 24799185  
Conc: 28.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



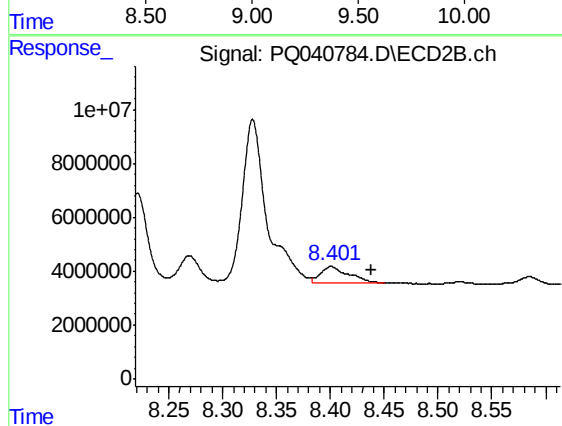
#35 AR-1260-5

R.T.: 8.890 min  
Delta R.T.: -0.018 min  
Response: 9967319  
Conc: 15.34 ng/ml



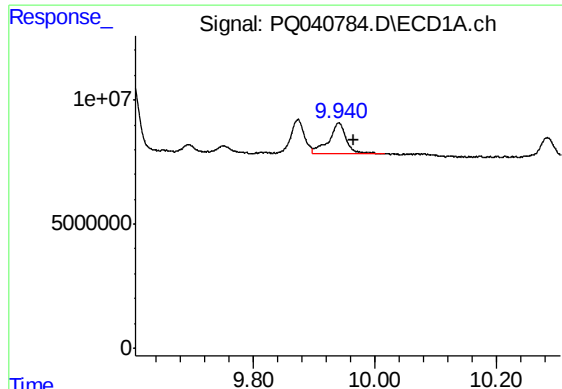
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 9.452 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

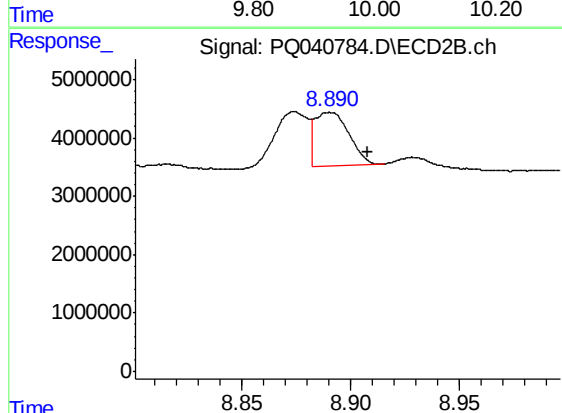
R.T.: 8.401 min  
Delta R.T.: -0.037 min  
Response: 10501367  
Conc: 94.41 ng/ml



#37 AR-1262-2

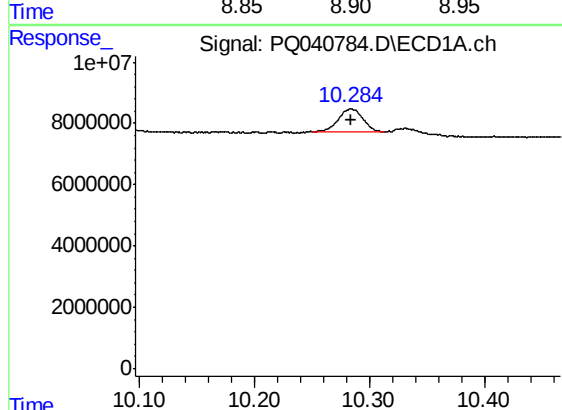
R.T.: 9.940 min  
Delta R.T.: -0.025 min  
Response: 24799185  
Conc: 39.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



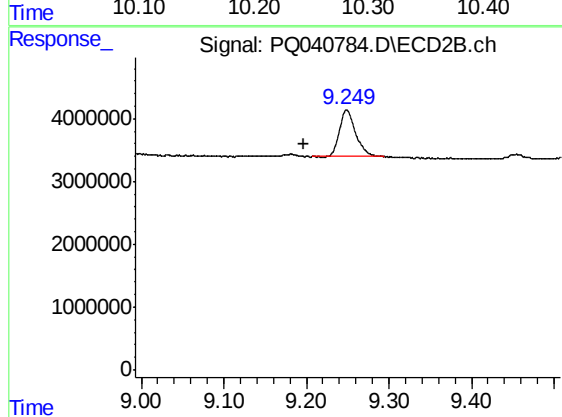
#37 AR-1262-2

R.T.: 8.890 min  
Delta R.T.: -0.017 min  
Response: 9967319  
Conc: 19.36 ng/ml



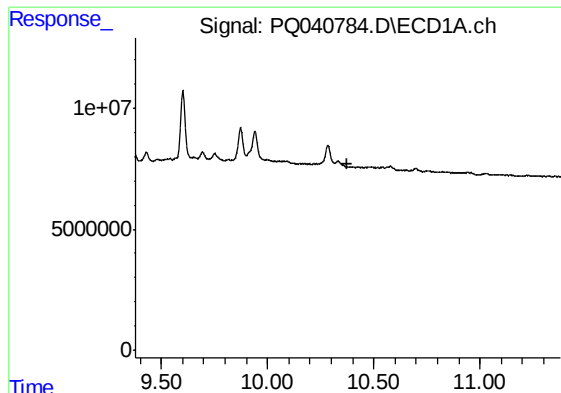
#38 AR-1262-3

R.T.: 10.284 min  
Delta R.T.: 0.000 min  
Response: 11267203  
Conc: 24.94 ng/ml



#38 AR-1262-3

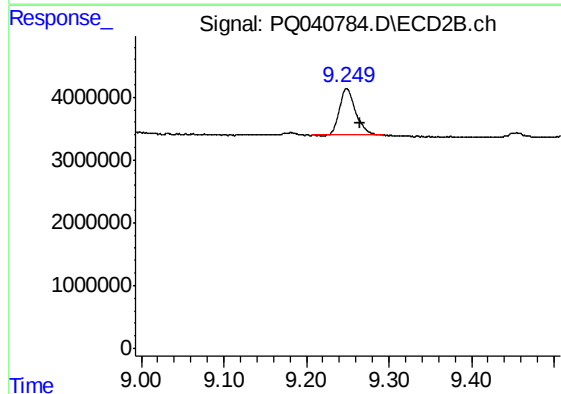
R.T.: 9.249 min  
Delta R.T.: 0.052 min  
Response: 10155606  
Conc: 46.75 ng/ml



#39 AR-1262-4

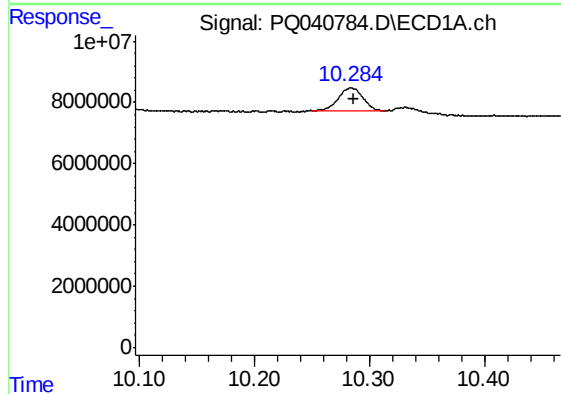
R.T.: 0.000 min  
Exp R.T.: 10.378 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



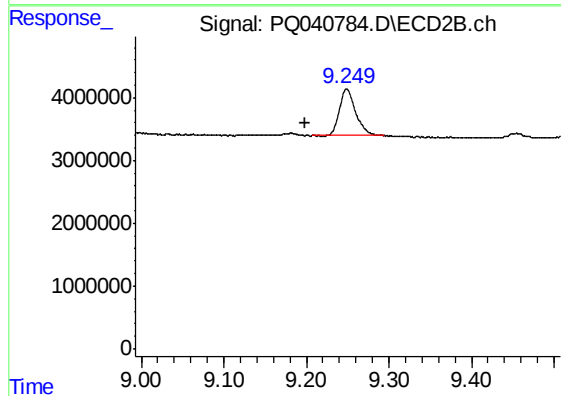
#39 AR-1262-4

R.T.: 9.249 min  
Delta R.T.: -0.016 min  
Response: 10155606  
Conc: 25.97 ng/ml



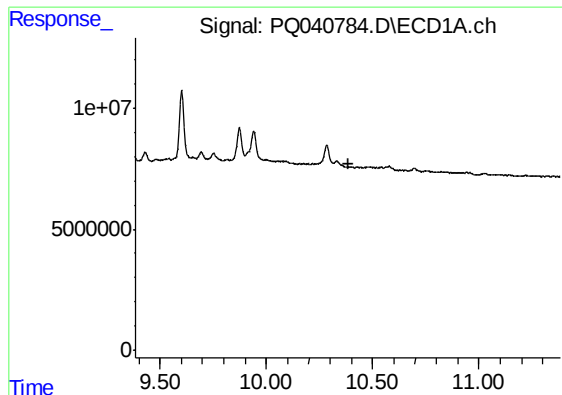
#41 AR-1268-1

R.T.: 10.284 min  
Delta R.T.: -0.002 min  
Response: 11267203  
Conc: 18.19 ng/ml



#41 AR-1268-1

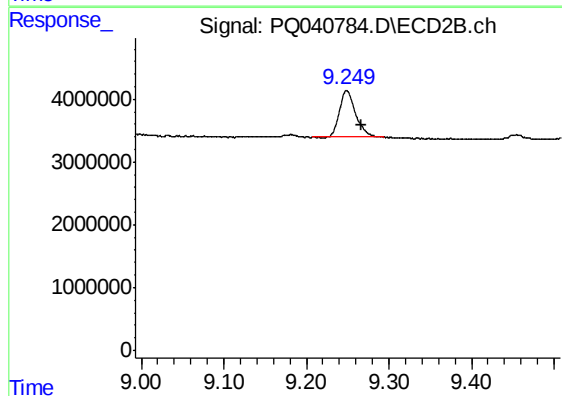
R.T.: 9.249 min  
Delta R.T.: 0.051 min  
Response: 10155606  
Conc: 22.15 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 10.384 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254307



#42 AR-1268-2

R.T.: 9.249 min  
Delta R.T.: -0.017 min  
Response: 10155606  
Conc: 23.77 ng/ml