Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092519\
Data File : PQ043815.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Sep 2019 09:47
Operator : SM\AJ
Sample : MDL-AR1254-S-1
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** ECD_Q
**ClientSampleId :** MDL-AR1254-S-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 12:25:03 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 24 07:41:41 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... | 5.233 | 4.409 | 49995178 | 26816223 | 26.650 | 26.941 | |
| 2) | SA Decachlor... | 11.404 | 9.864 | 285.5E6 | 96519878 | 45.173 | 45.840 | |
| | **Target Compounds** | | | | | | | |
| 5) | L1 AR-1016-3 | 0.000 | 5.956 | 0 | 785199 | N.D. | 29.498 | # |
| 6) | L1 AR-1016-4 | 0.000 | 5.956 | 0 | 785199 | N.D. | 36.067 | # |
| 7) | L1 AR-1016-5 | 0.000 | 6.190 | 0 | 526021 | N.D. | 18.633 | # |
| 9) | L2 AR-1221-2 | 0.000 | 4.773 | 0 | 319774 | N.D. | 32.999 | # |
| 13) | L3 AR-1232-3 | 0.000 | 5.956 | 0 | 785199 | N.D. | 61.435 | # |
| 14) | L3 AR-1232-4 | 0.000 | 6.001 | 0 | 504111 | N.D. | 42.695 | # |
| 15) | L3 AR-1232-5 | 6.844 | 6.190 | 1501974 | 526021 | 69.264 | 41.380 | # |
| 18) | L4 AR-1242-3 | 0.000 | 5.956 | 0 | 785199 | N.D. | 30.776 | # |
| 19) | L4 AR-1242-4 | 0.000 | 6.001 | 0 | 504111 | N.D. | 19.575 | # |
| 20) | L4 AR-1242-5 | 7.490 | 6.574 | 2475742 | 2460038 | 32.344 | 70.868 | # |
| 22) | L5 AR-1248-2 | 6.844 | 5.956 | 1501974 | 785199 | 15.761 | 19.948 | # |
| 23) | L5 AR-1248-3 | 0.000 | 6.001 | 0 | 504111 | N.D. | 12.224 | # |
| 24) | L5 AR-1248-4 | 7.490 | 6.190 | 2475742 | 526021 | 17.718 | 10.555 | # |
| 25) | L5 AR-1248-5 | 7.490 | 6.618 | 2475742 | 645674 | 18.500 | 12.158 | # |
| 26) | L6 AR-1254-1 | 7.462 | 6.574 | 5636520 | 2460038 | 41.710 | 32.533 | |
| 27) | L6 AR-1254-2 | 7.691 | 6.731 | 6395251 | 2388351 | 29.621 | 34.158 | |
| 28) | L6 AR-1254-3 | 8.074 | 7.161 | 6745131 | 3351517 | 26.538 | 28.548 | |
| 29) | L6 AR-1254-4 | 8.368 | 7.400 | 5487088 | 2447996 | 27.199 | 30.666 | |
| 30) | L6 AR-1254-5 | 8.799 | 7.834 | 5818241 | 3091600 | 21.945 | 28.417 | # |
| 31) | L7 AR-1260-1 | 8.243 | 7.297 | 1915042 | 1756571 | 14.120 | 30.097 | # |
| 32) | L7 AR-1260-2 | 8.506 | 7.490 | 2369617 | 1637488 | 13.264 | 21.705 | # |
| 33) | L7 AR-1260-3 | 0.000 | 7.653 | 0 | 1419799 | N.D. | 20.612 | # |
| 34) | L7 AR-1260-4 | 9.104 | 8.140 | 3518321 | 328103 | 19.080 | 5.515 | # |
| 35) | L7 AR-1260-5 | 0.000 | 8.382 | 0 | 305771 | N.D. | 1.996 | # |
| 36) | L8 AR-1262-1 | 8.799 | 7.908 | 5818241 | 689565 | 20.610 | 15.277 | # |
| 37) | L8 AR-1262-2 | 0.000 | 8.382 | 0 | 305771 | N.D. | 1.459 | # |
| 38) | L8 AR-1262-3 | 0.000 | 8.741 | 0 | 645218 | N.D. | 7.263 | # |
| 39) | L8 AR-1262-4 | 0.000 | 8.741 | 0 | 645218 | N.D. | 3.794 | # |
| 41) | L9 AR-1268-1 | 0.000 | 8.741 | 0 | 645218 | N.D. | 2.491 | # |
| 42) | L9 AR-1268-2 | 0.000 | 8.741 | 0 | 645218 | N.D. | 2.641 | # |
| 43) | L9 AR-1268-3 | 10.136 | 8.958 | 2984815 | 852734 | 4.842 | 4.007 | |
| 45) | L9 AR-1268-5 | 11.040 | 9.584 | 2472684 | 784702 | 0.971 | 0.883 | |

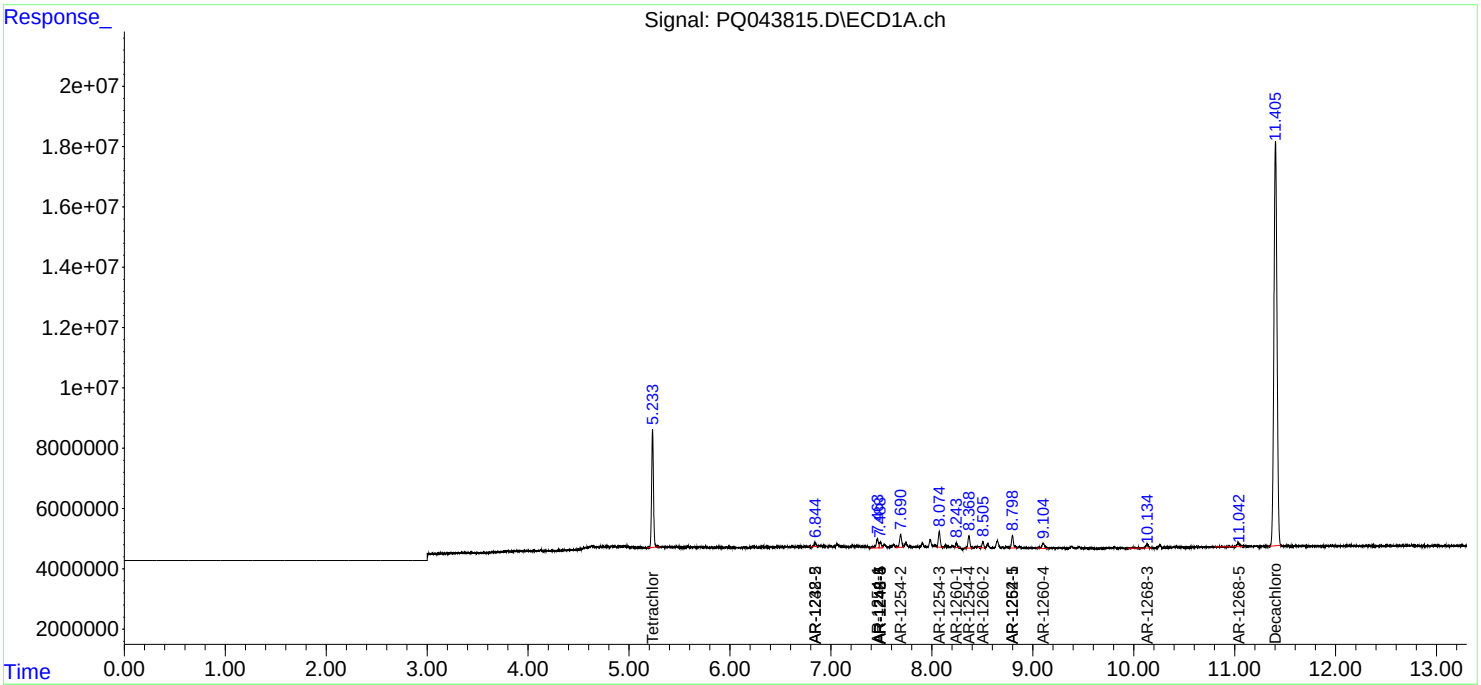
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

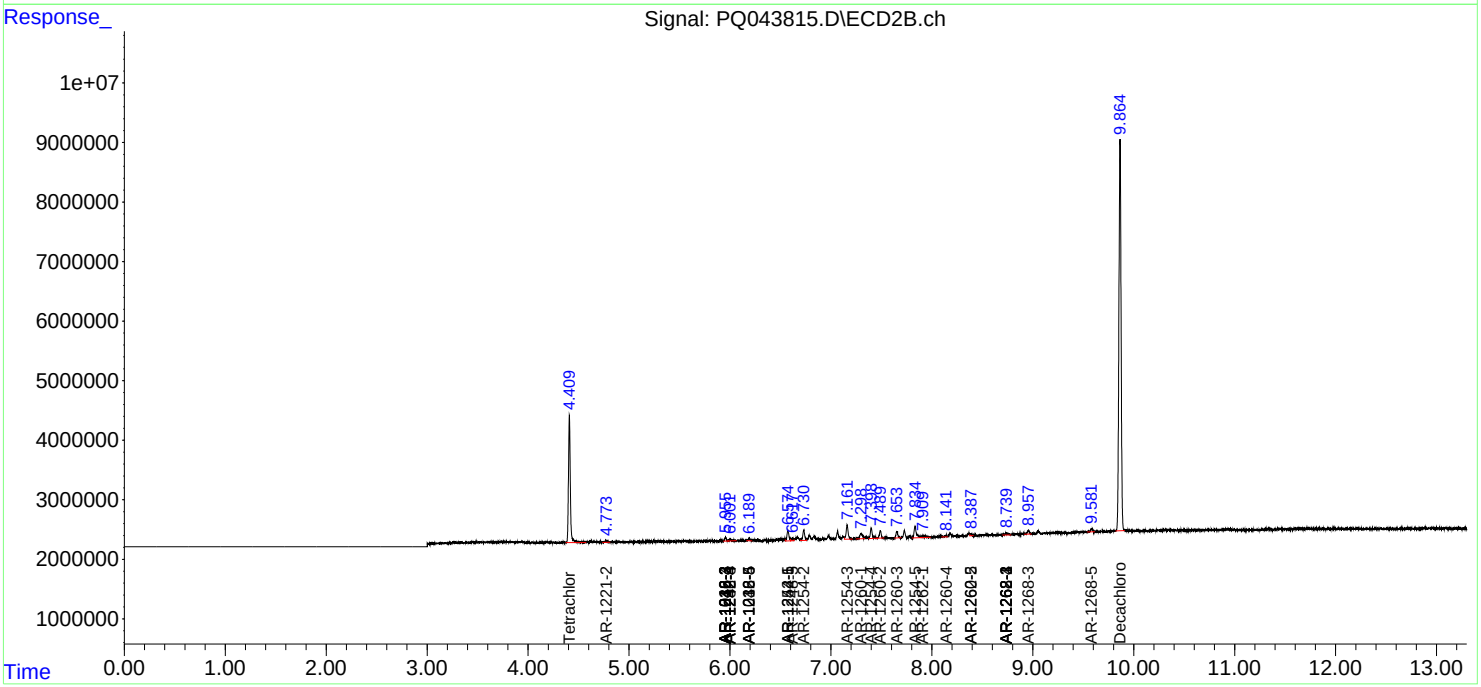
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092519\
Data File : PQ043815.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Sep 2019 09:47
Operator : SM\AJ
Sample : MDL-AR1254-S-1
Misc :
ALS Vial : 4 Sample Multiplier: 1

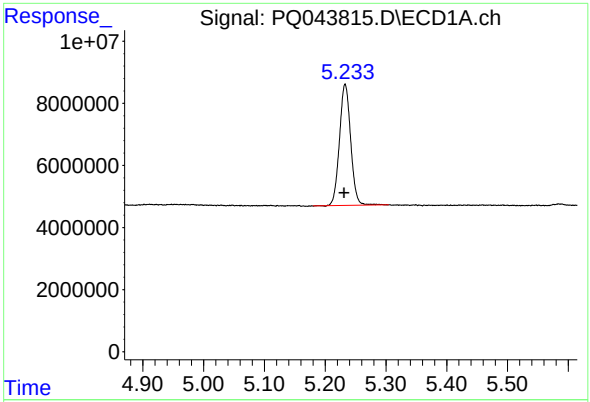
**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 12:25:03 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 24 07:41:41 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



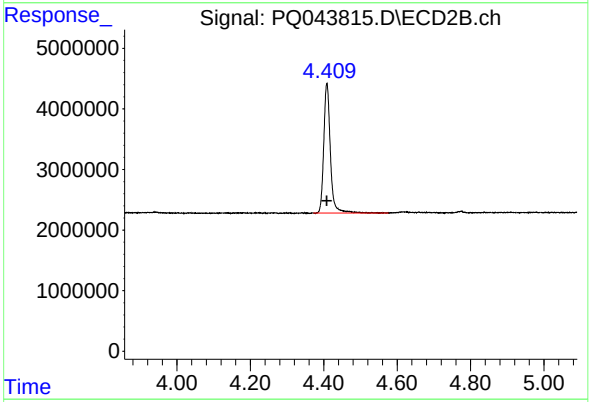






#1 Tetrachloro-m-xylene

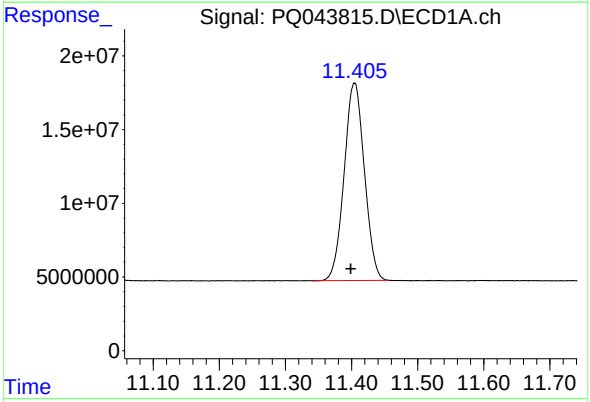
R.T.: 5.233 min
Delta R.T.: 0.002 min
Response: 49995178
Conc: 26.65 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



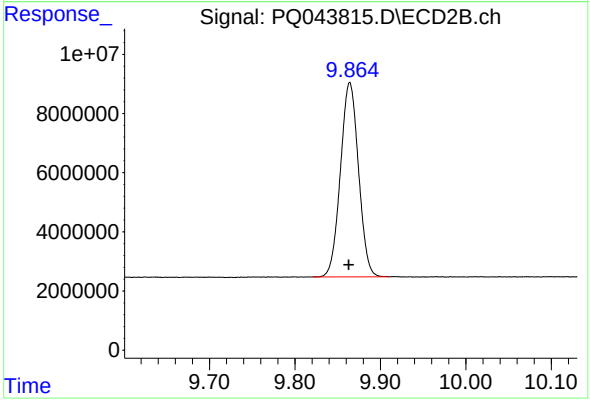

#1 Tetrachloro-m-xylene

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 26816223
Conc: 26.94 ng/ml



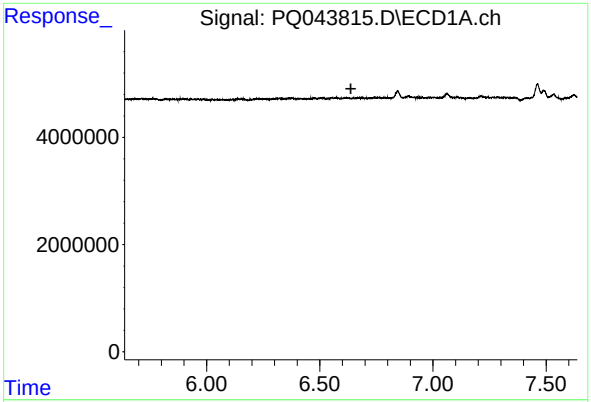

#2 Decachlorobiphenyl

R.T.: 11.404 min
Delta R.T.: 0.006 min
Response: 285486508
Conc: 45.17 ng/ml




#2 Decachlorobiphenyl

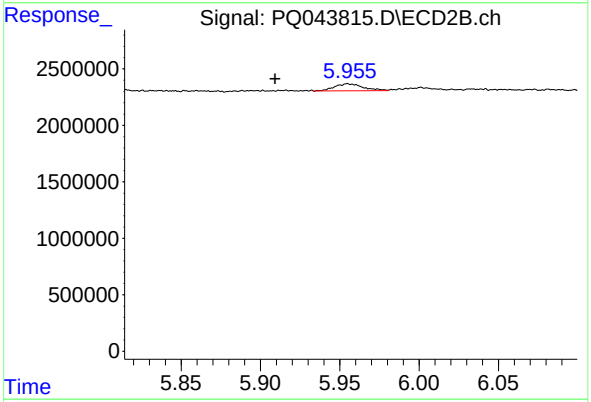
R.T.: 9.864 min
Delta R.T.: 0.001 min
Response: 96519878
Conc: 45.84 ng/ml




#5 AR-1016-3

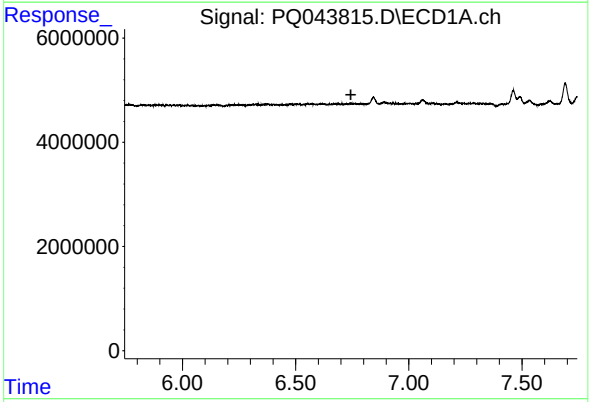
R.T.: 0.000 min
Exp R.T. : 6.637 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



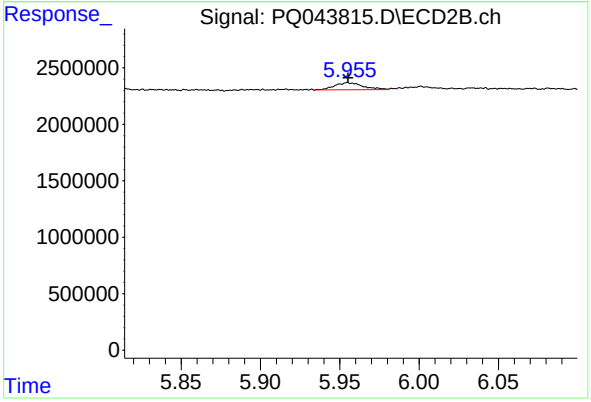

#5 AR-1016-3

R.T.: 5.956 min
Delta R.T.: 0.046 min
Response: 785199
Conc: 29.50 ng/ml



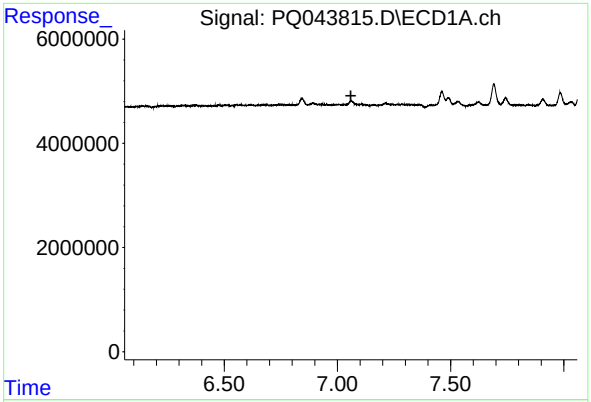

#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.744 min
Response: 0
Conc: N.D.




#6 AR-1016-4

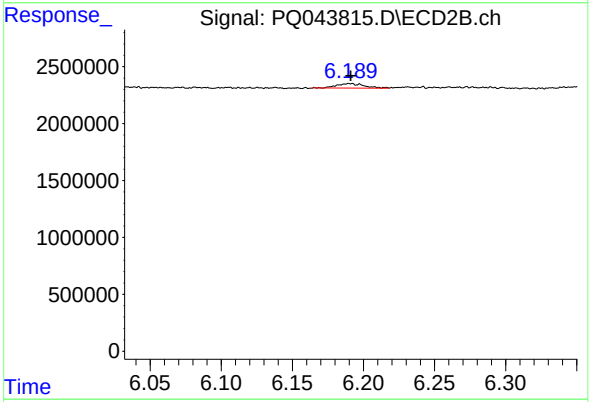
R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 785199
Conc: 36.07 ng/ml




#7 AR-1016-5

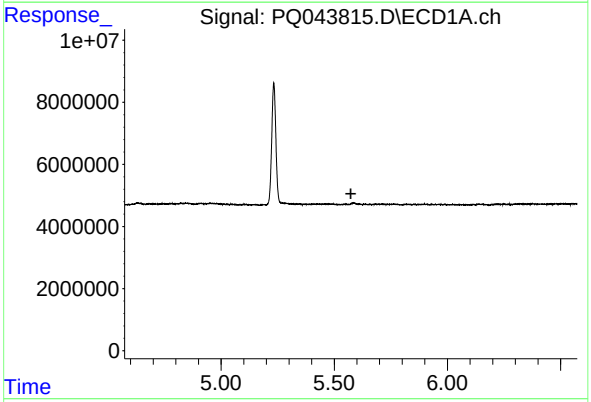
R.T.: 0.000 min
Exp R.T. : 7.060 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



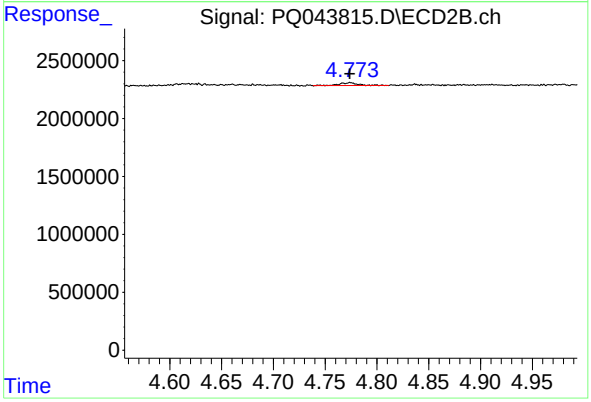

#7 AR-1016-5

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 526021
Conc: 18.63 ng/ml



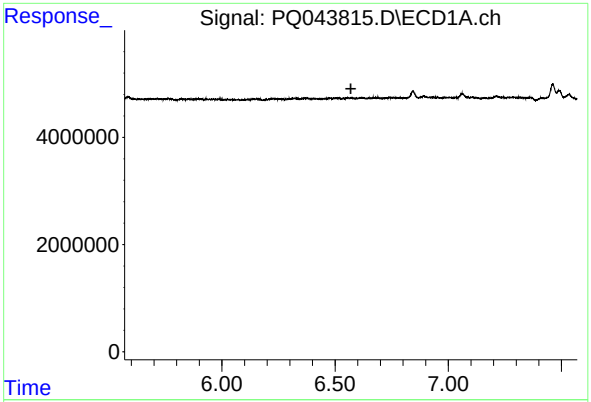

#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.573 min
Response: 0
Conc: N.D.




#9 AR-1221-2

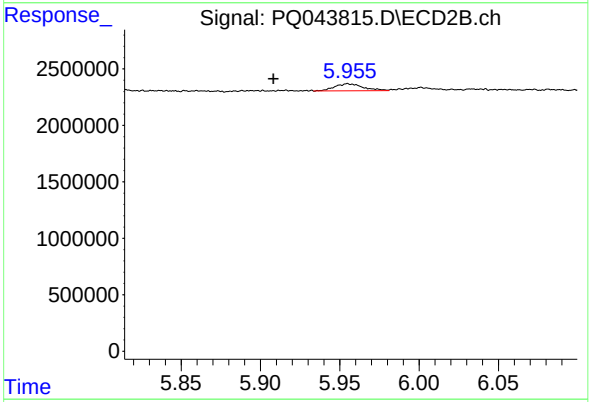
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 319774
Conc: 33.00 ng/ml




#13 AR-1232-3

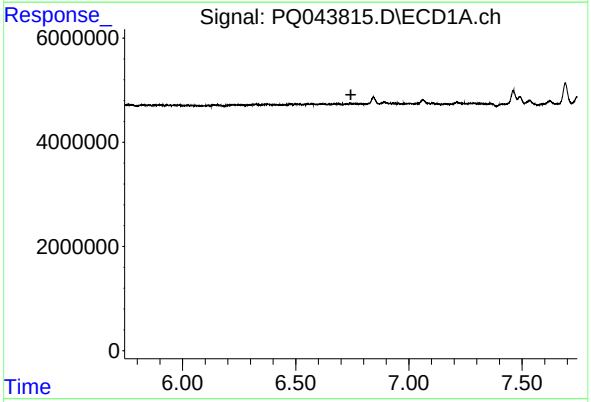
R.T.: 0.000 min
Exp R.T. : 6.570 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



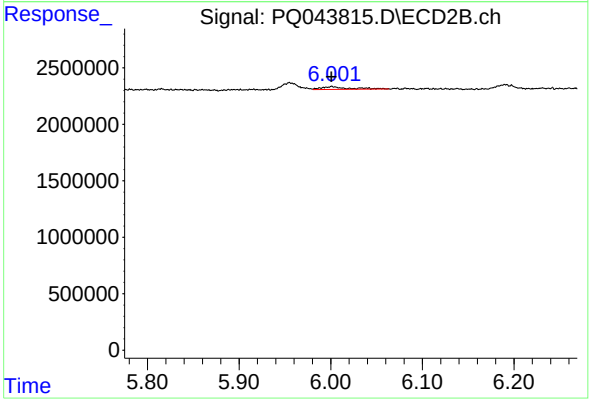

#13 AR-1232-3

R.T.: 5.956 min
Delta R.T.: 0.047 min
Response: 785199
Conc: 61.44 ng/ml



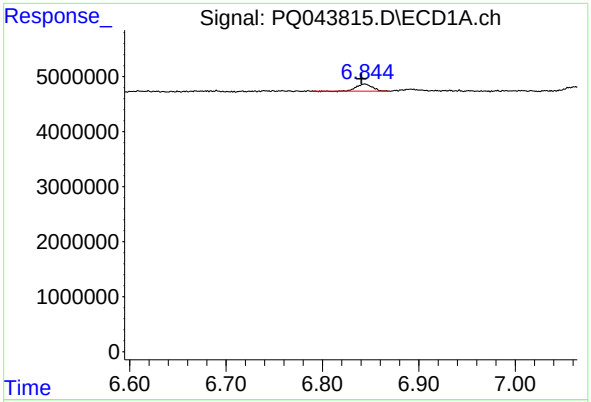

#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.744 min
Response: 0
Conc: N.D.




#14 AR-1232-4

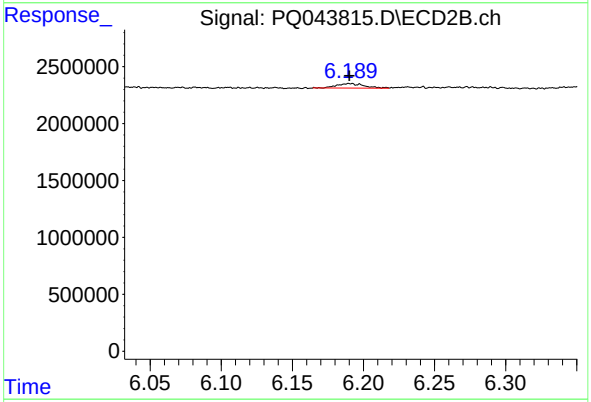
R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 504111
Conc: 42.70 ng/ml




#15 AR-1232-5

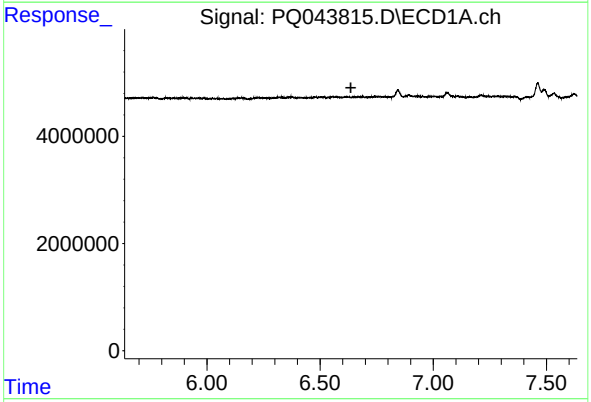
R.T.: 6.844 min
Delta R.T.: 0.003 min
Response: 1501974
Conc: 69.26 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



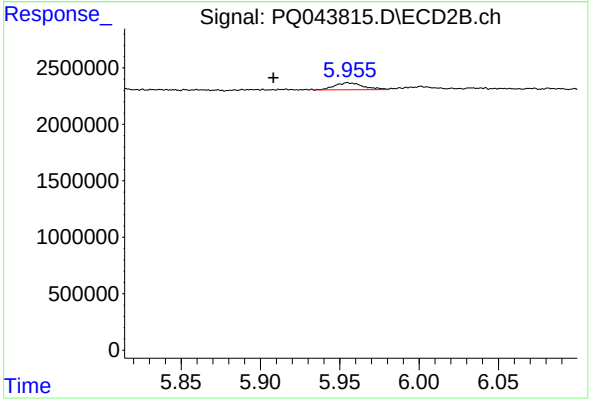

#15 AR-1232-5

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 526021
Conc: 41.38 ng/ml



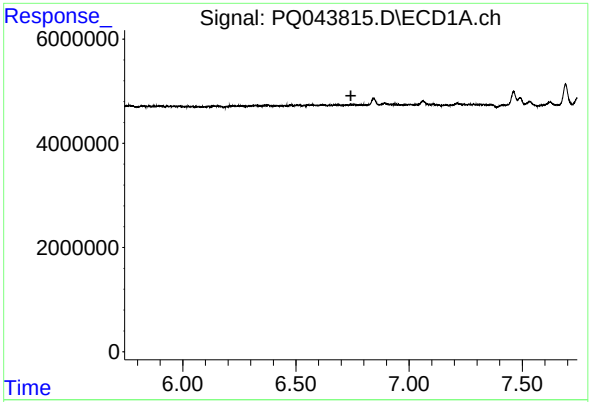

#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.636 min
Response: 0
Conc: N.D.




#18 AR-1242-3

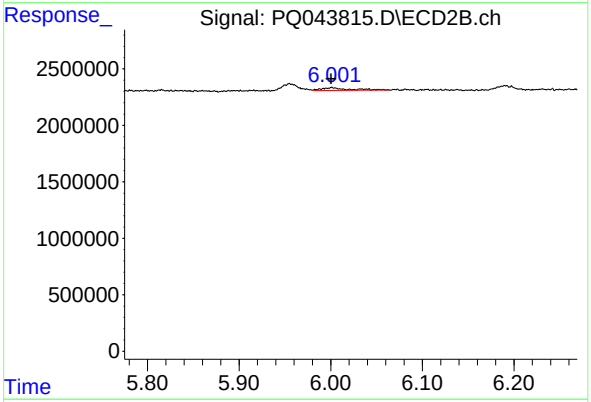
R.T.: 5.956 min
Delta R.T.: 0.047 min
Response: 785199
Conc: 30.78 ng/ml




#19 AR-1242-4

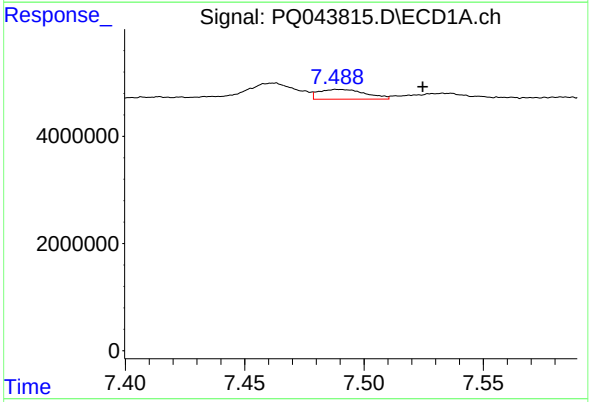
R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



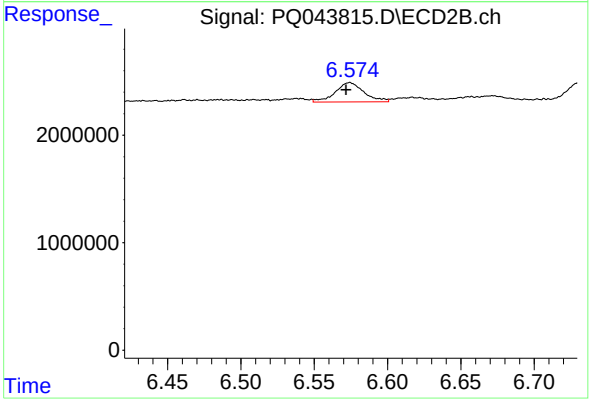

#19 AR-1242-4

R.T.: 6.001 min
Delta R.T.: 0.001 min
Response: 504111
Conc: 19.58 ng/ml



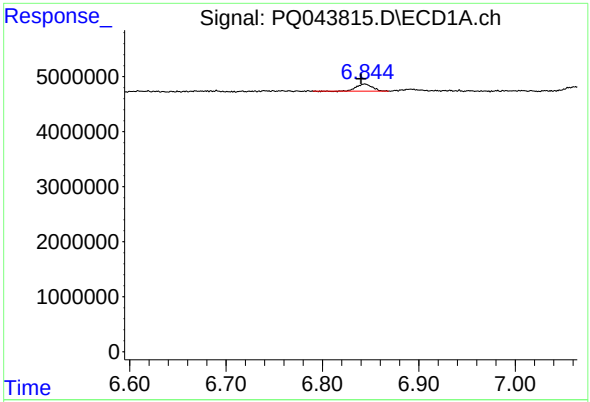

#20 AR-1242-5

R.T.: 7.490 min
Delta R.T.: -0.035 min
Response: 2475742
Conc: 32.34 ng/ml




#20 AR-1242-5

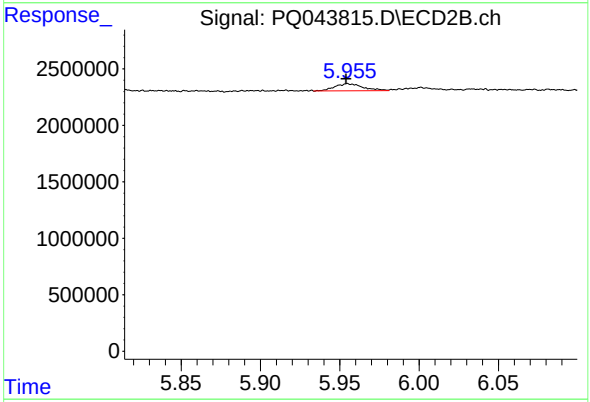
R.T.: 6.574 min
Delta R.T.: 0.003 min
Response: 2460038
Conc: 70.87 ng/ml




#22 AR-1248-2

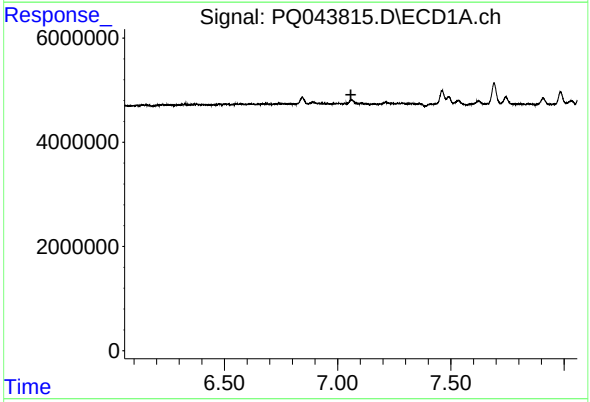
R.T.: 6.844 min
Delta R.T.: 0.004 min
Response: 1501974
Conc: 15.76 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



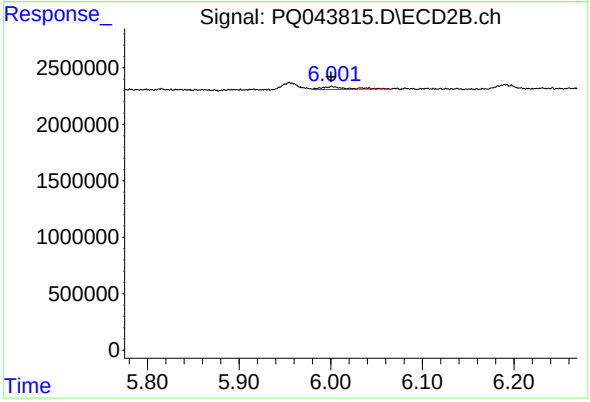

#22 AR-1248-2

R.T.: 5.956 min
Delta R.T.: 0.002 min
Response: 785199
Conc: 19.95 ng/ml



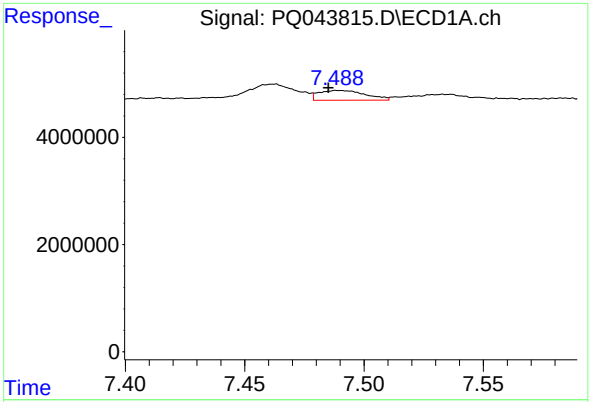

#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 7.058 min
Response: 0
Conc: N.D.




#23 AR-1248-3

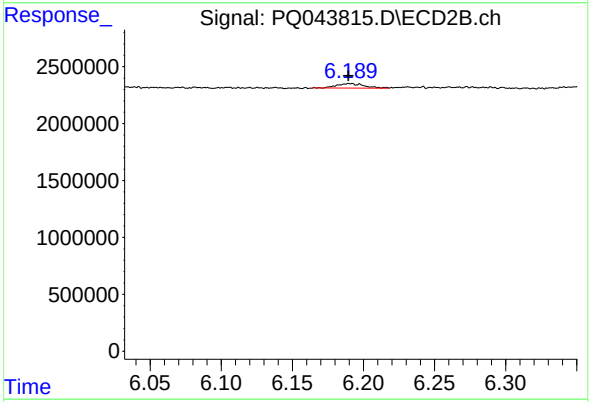
R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 504111
Conc: 12.22 ng/ml




#24 AR-1248-4

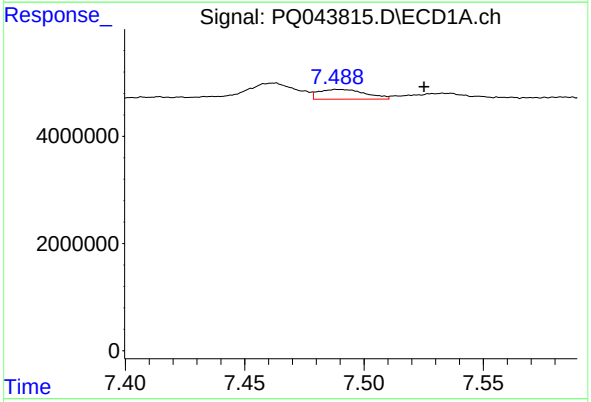
R.T.: 7.490 min
Delta R.T.: 0.005 min
Response: 2475742
Conc: 17.72 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



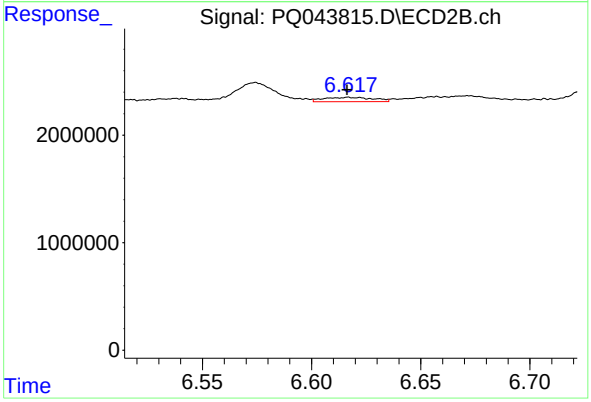

#24 AR-1248-4

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 526021
Conc: 10.56 ng/ml



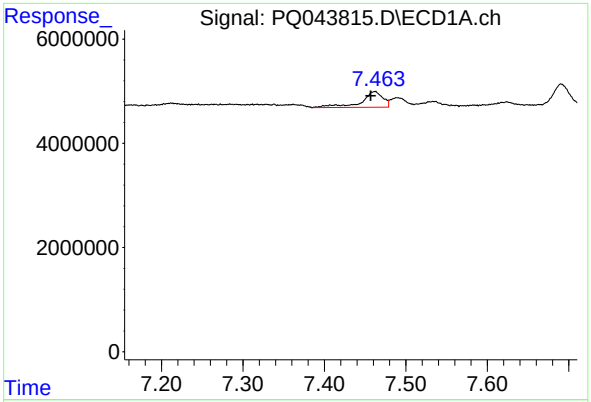

#25 AR-1248-5

R.T.: 7.490 min
Delta R.T.: -0.035 min
Response: 2475742
Conc: 18.50 ng/ml




#25 AR-1248-5

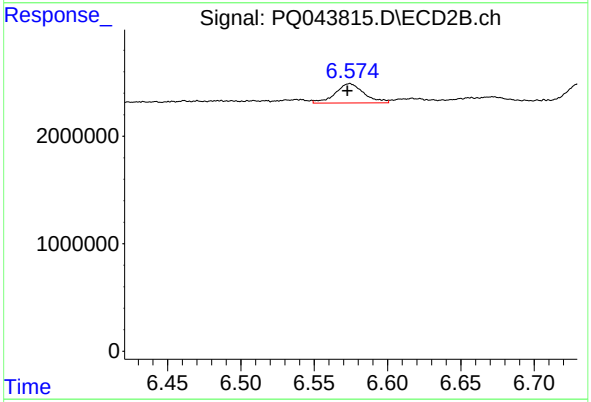
R.T.: 6.618 min
Delta R.T.: 0.001 min
Response: 645674
Conc: 12.16 ng/ml




#26 AR-1254-1

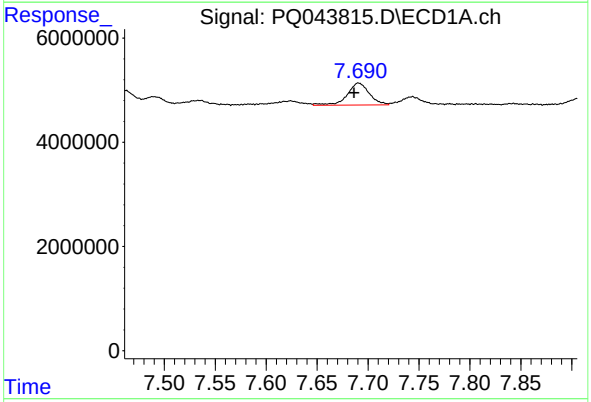
R.T.: 7.462 min
Delta R.T.: 0.004 min
Response: 5636520
Conc: 41.71 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



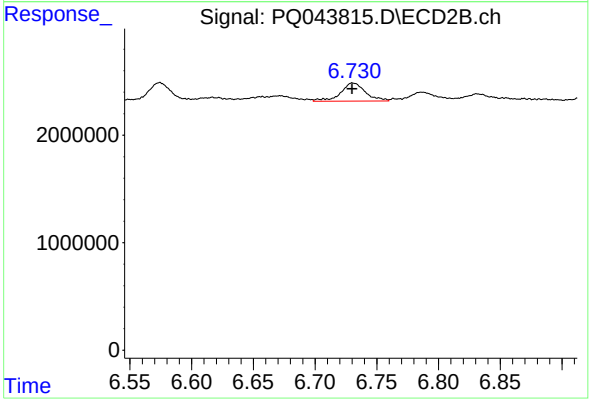

#26 AR-1254-1

R.T.: 6.574 min
Delta R.T.: 0.002 min
Response: 2460038
Conc: 32.53 ng/ml



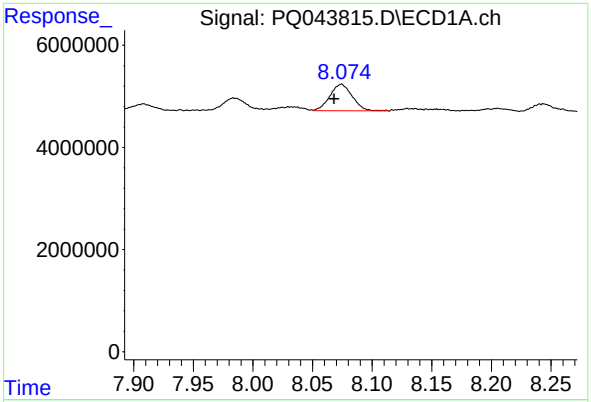

#27 AR-1254-2

R.T.: 7.691 min
Delta R.T.: 0.005 min
Response: 6395251
Conc: 29.62 ng/ml




#27 AR-1254-2

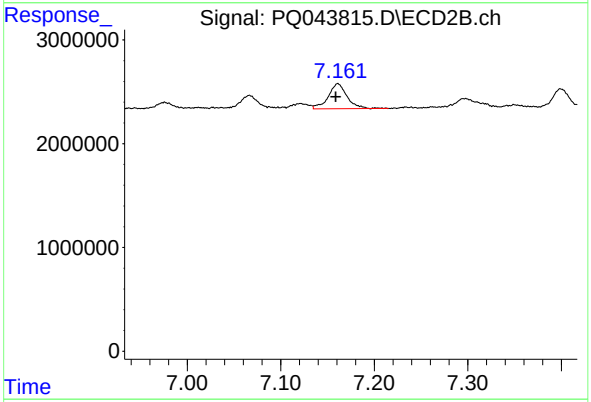
R.T.: 6.731 min
Delta R.T.: 0.001 min
Response: 2388351
Conc: 34.16 ng/ml




#28 AR-1254-3

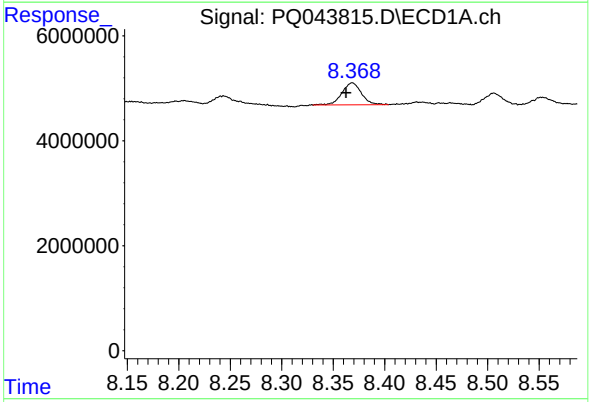
R.T.: 8.074 min
Delta R.T.: 0.006 min
Response: 6745131
Conc: 26.54 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



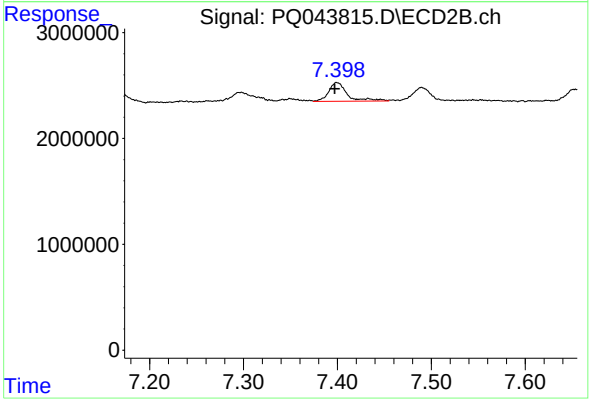

#28 AR-1254-3

R.T.: 7.161 min
Delta R.T.: 0.002 min
Response: 3351517
Conc: 28.55 ng/ml



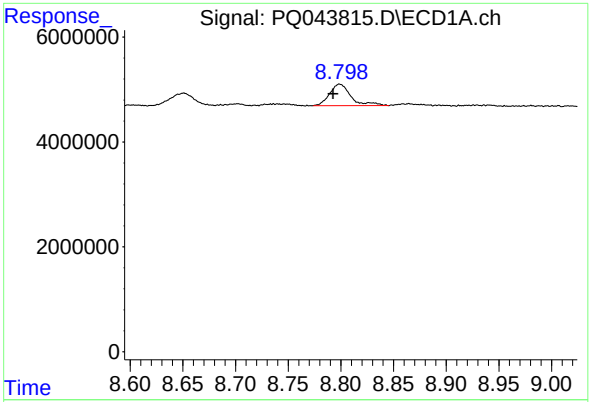

#29 AR-1254-4

R.T.: 8.368 min
Delta R.T.: 0.006 min
Response: 5487088
Conc: 27.20 ng/ml




#29 AR-1254-4

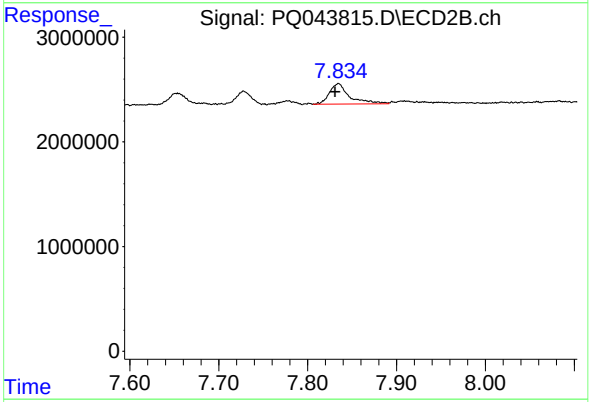
R.T.: 7.400 min
Delta R.T.: 0.002 min
Response: 2447996
Conc: 30.67 ng/ml




#30 AR-1254-5

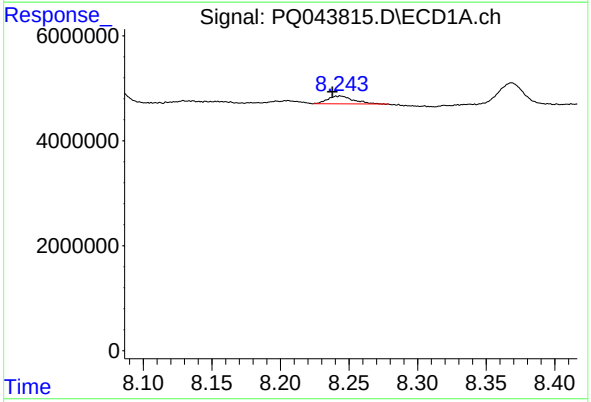
R.T.: 8.799 min
Delta R.T.: 0.006 min
Response: 5818241
Conc: 21.94 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



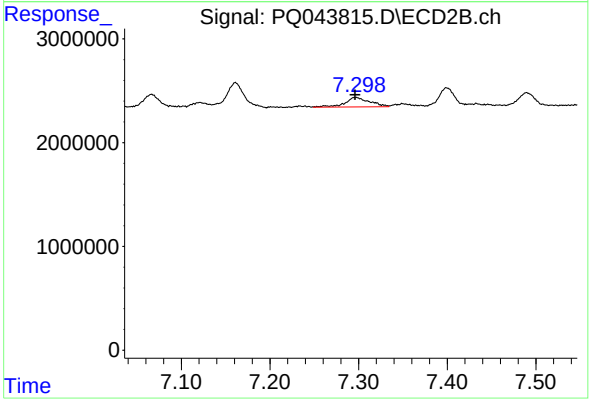

#30 AR-1254-5

R.T.: 7.834 min
Delta R.T.: 0.003 min
Response: 3091600
Conc: 28.42 ng/ml



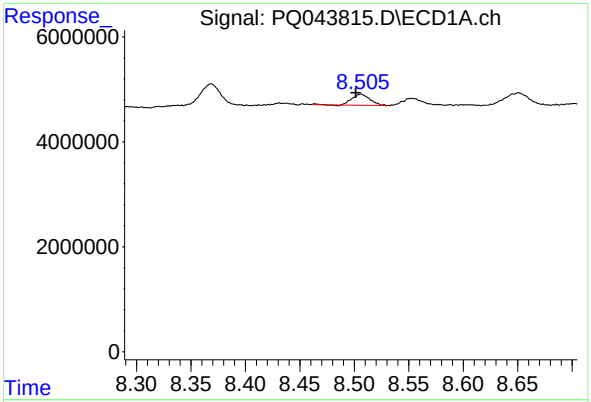

#31 AR-1260-1

R.T.: 8.243 min
Delta R.T.: 0.005 min
Response: 1915042
Conc: 14.12 ng/ml




#31 AR-1260-1

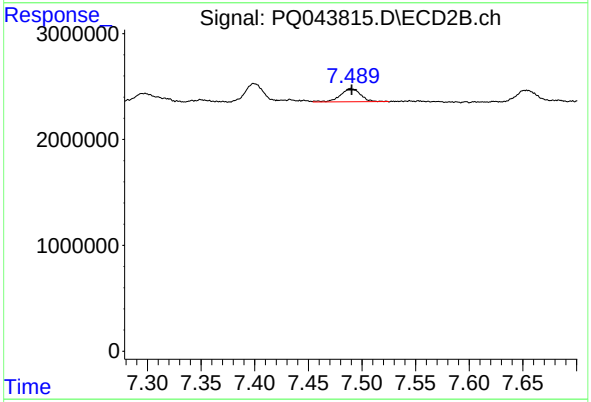
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 1756571
Conc: 30.10 ng/ml




#32 AR-1260-2

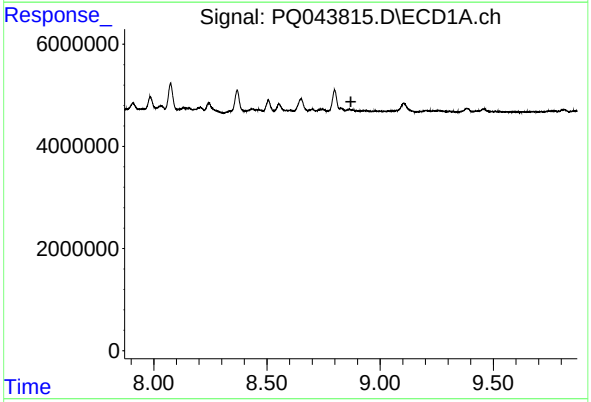
R.T.: 8.506 min
Delta R.T.: 0.005 min
Response: 2369617
Conc: 13.26 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



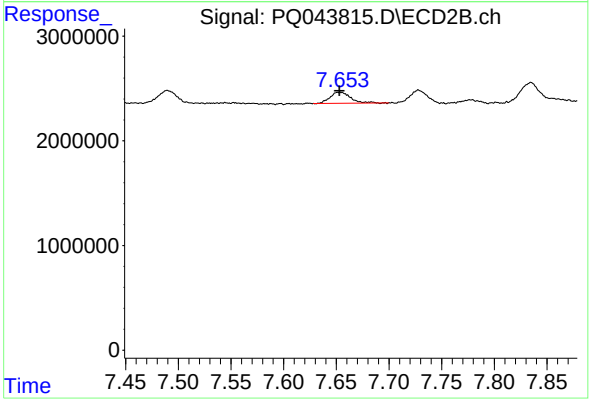

#32 AR-1260-2

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 1637488
Conc: 21.71 ng/ml



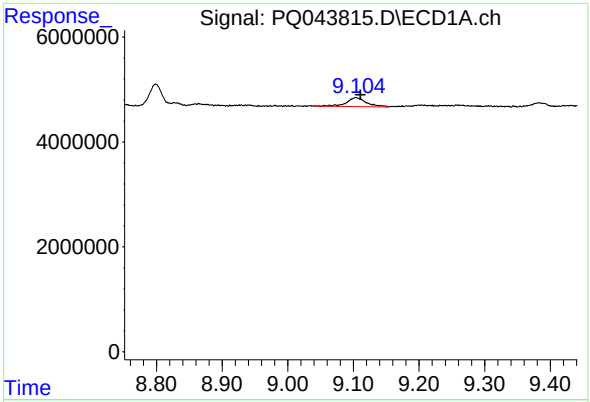

#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.871 min
Response: 0
Conc: N.D.




#33 AR-1260-3

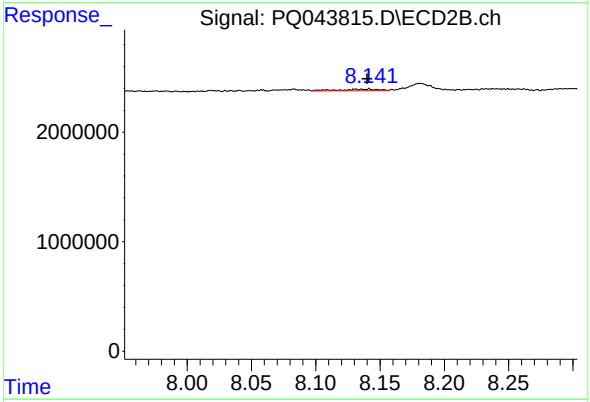
R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 1419799
Conc: 20.61 ng/ml




#34 AR-1260-4

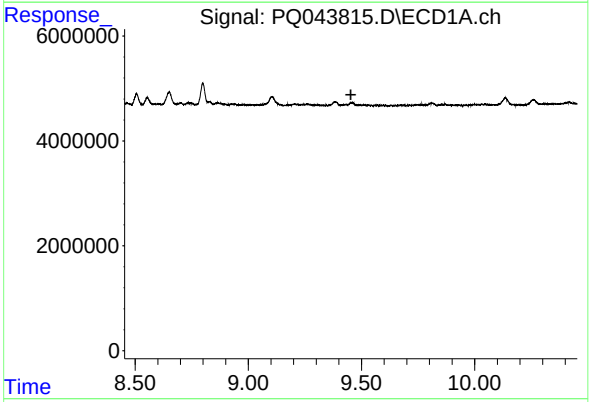
R.T.: 9.104 min
Delta R.T.: -0.007 min
Response: 3518321
Conc: 19.08 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



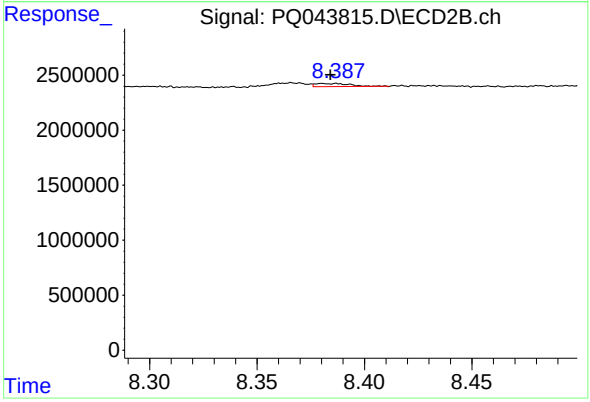

#34 AR-1260-4

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 328103
Conc: 5.51 ng/ml



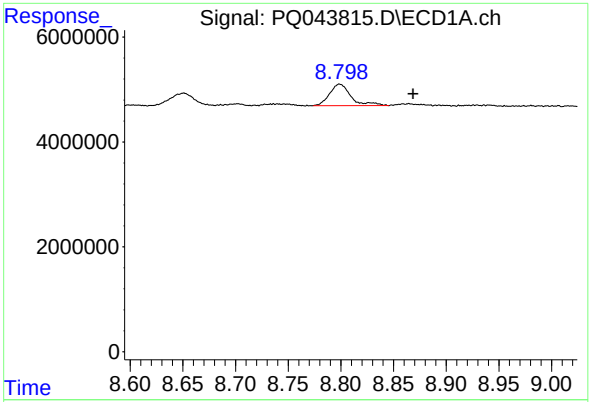

#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.453 min
Response: 0
Conc: N.D.




#35 AR-1260-5

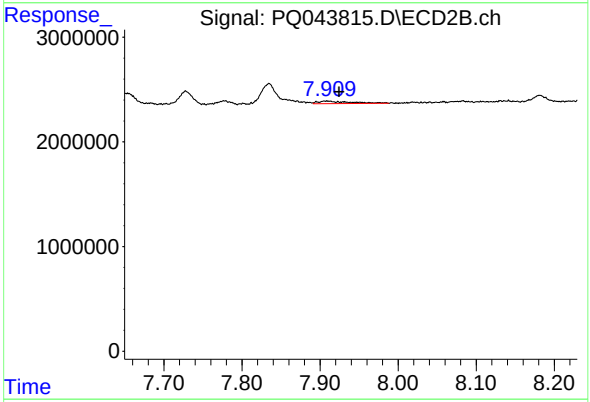
R.T.: 8.382 min
Delta R.T.: -0.002 min
Response: 305771
Conc: 2.00 ng/ml




#36 AR-1262-1

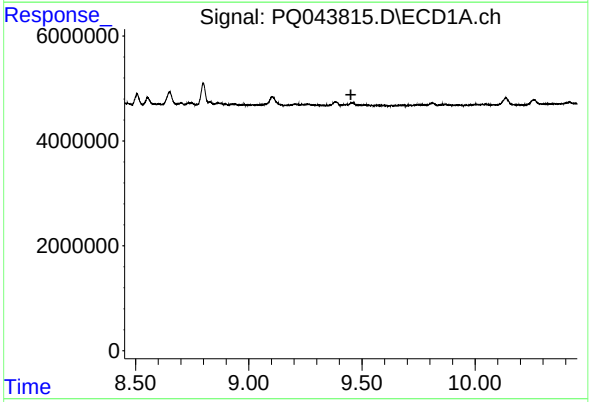
R.T.: 8.799 min
Delta R.T.: -0.070 min
Response: 5818241
Conc: 20.61 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



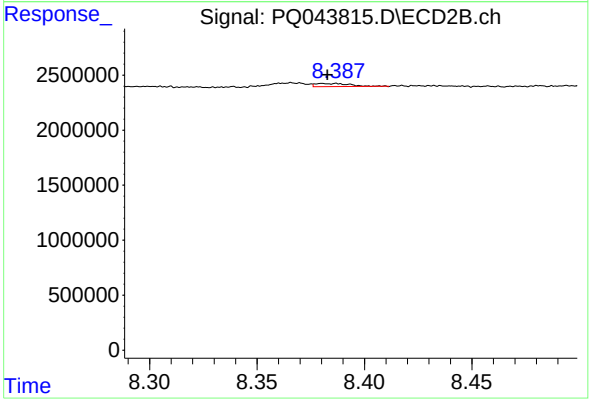

#36 AR-1262-1

R.T.: 7.908 min
Delta R.T.: -0.016 min
Response: 689565
Conc: 15.28 ng/ml



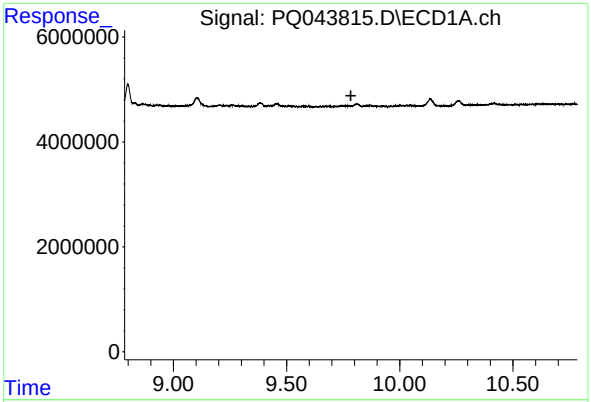

#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.451 min
Response: 0
Conc: N.D.




#37 AR-1262-2

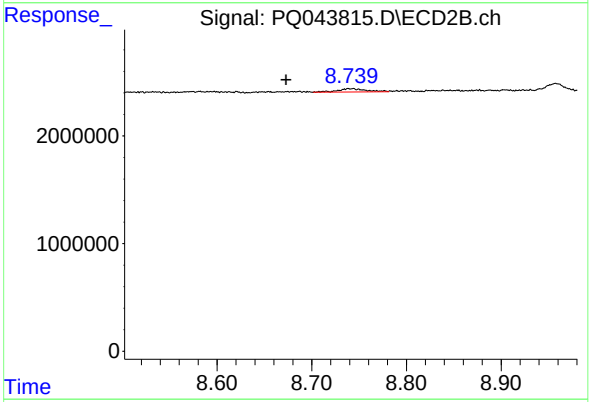
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 305771
Conc: 1.46 ng/ml




#38 AR-1262-3

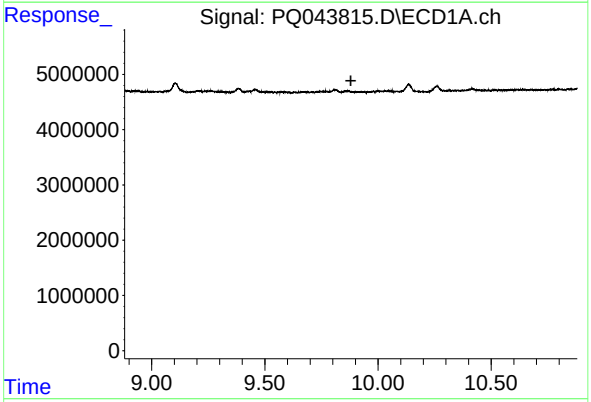
R.T.: 0.000 min
Exp R.T. : 9.784 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



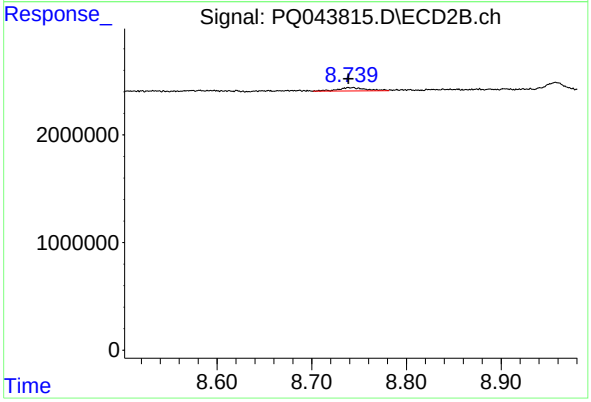

#38 AR-1262-3

R.T.: 8.741 min
Delta R.T.: 0.068 min
Response: 645218
Conc: 7.26 ng/ml



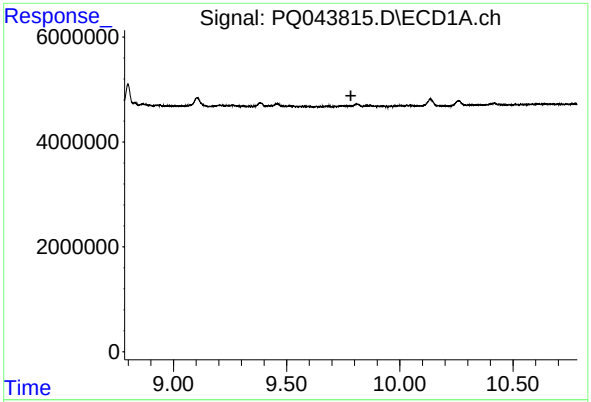

#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.880 min
Response: 0
Conc: N.D.




#39 AR-1262-4

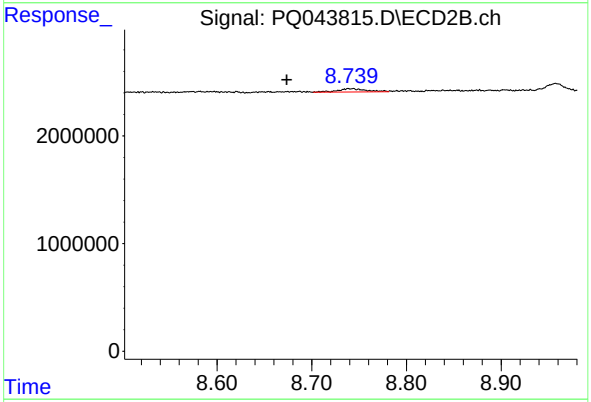
R.T.: 8.741 min
Delta R.T.: 0.002 min
Response: 645218
Conc: 3.79 ng/ml




#41 AR-1268-1

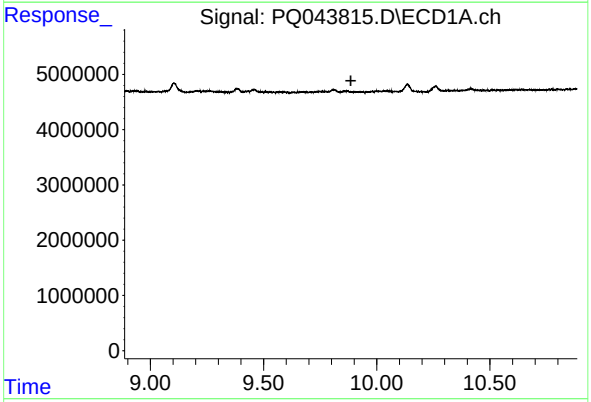
R.T.: 0.000 min
Exp R.T. : 9.784 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



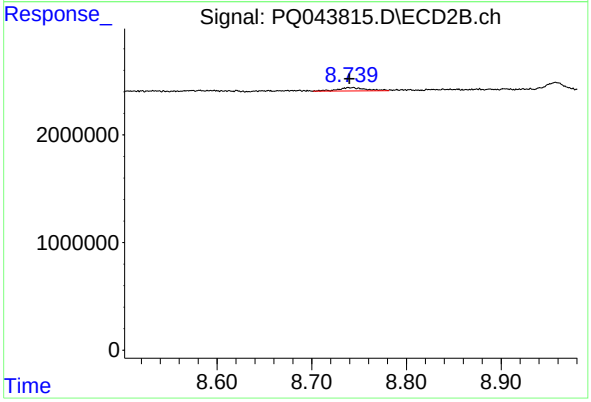

#41 AR-1268-1

R.T.: 8.741 min
Delta R.T.: 0.067 min
Response: 645218
Conc: 2.49 ng/ml



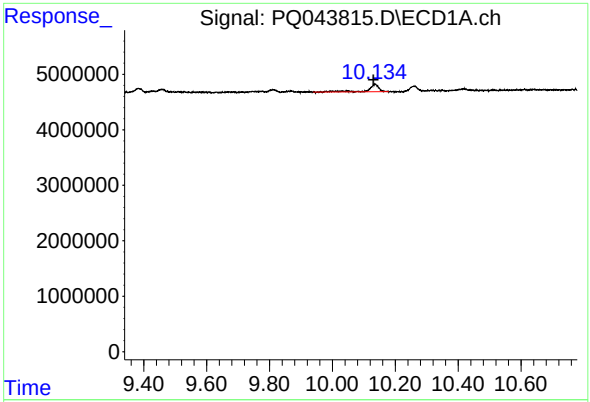

#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.886 min
Response: 0
Conc: N.D.




#42 AR-1268-2

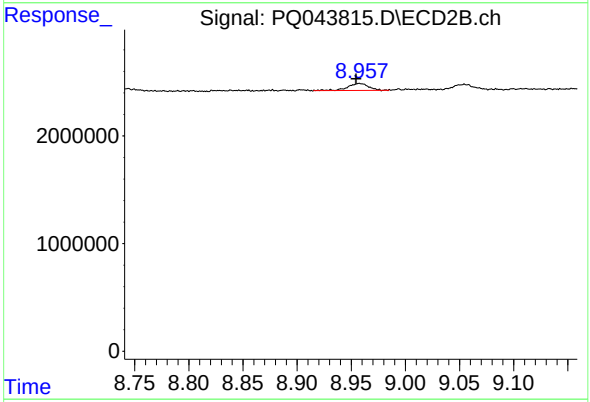
R.T.: 8.741 min
Delta R.T.: 0.001 min
Response: 645218
Conc: 2.64 ng/ml




#43 AR-1268-3

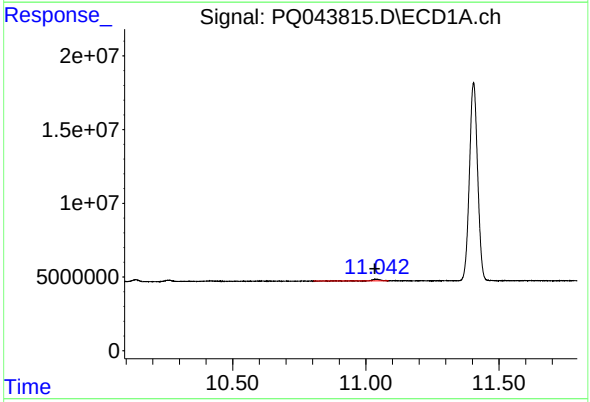
R.T.: 10.136 min
Delta R.T.: 0.006 min
Response: 2984815
Conc: 4.84 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-AR1254-S-1



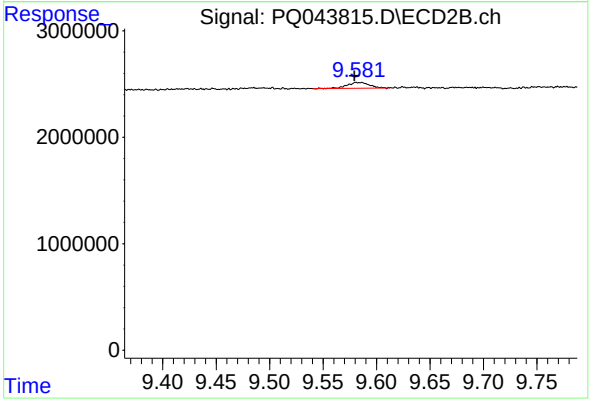

#43 AR-1268-3

R.T.: 8.958 min
Delta R.T.: 0.003 min
Response: 852734
Conc: 4.01 ng/ml




#45 AR-1268-5

R.T.: 11.040 min
Delta R.T.: 0.007 min
Response: 2472684
Conc: 0.97 ng/ml




#45 AR-1268-5

R.T.: 9.584 min
Delta R.T.: 0.004 min
Response: 784702
Conc: 0.88 ng/ml