Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050319\
Data File : PQ039355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2019 19:34
Operator : AJ\SJ
Sample : K2602-05DL 5X
Misc :
ALS Vial : 70 Sample Multiplier: 1

**Instrument :** ECD_Q
**ClientSampleId :** BFH61DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 00:47:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 02 08:13:50 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... | 5.697 | 4.791 | 15146082 | 8905292 | 4.999 | 5.373 | |
| 2) | SA Decachlor... | 12.094 | 10.548 | 54496216 | 27428645 | 8.919 | 8.130 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 7.142 | 6.241 | 1220934 | 960165 | 6.968 | 8.627 | |
| 4) | L1 AR-1016-2 | 7.169 | 6.263 | 1806861 | 1131686 | 6.869 | 7.024 | |
| 5) | L1 AR-1016-3 | 0.000 | 6.478 | 0 | 814718 | N.D. | 9.746 | # |
| 6) | L1 AR-1016-4 | 7.355 | 6.532 | 1240544 | 19176717 | 9.057 | 287.503 | # |
| 7) | L1 AR-1016-5 | 7.687 | 6.785 | 5411117 | 3965610 | 38.840 | 40.530 | |
| 12) | L3 AR-1232-2 | 0.000 | 6.263 | 0 | 1131686 | N.D. | 26.125 | # |
| 13) | L3 AR-1232-3 | 7.169 | 6.478 | 1806861 | 814718 | 24.610 | 36.478 | # |
| 14) | L3 AR-1232-4 | 7.355 | 6.580 | 1240544 | 2622156 | 31.766 | 119.853 | # |
| 15) | L3 AR-1232-5 | 7.458 | 6.785 | 29209085 | 3965610 | 1040.879 | 157.401 | # |
| 16) | L4 AR-1242-1 | 7.142 | 6.241 | 1220934 | 960165 | 11.068 | 13.835 | |
| 17) | L4 AR-1242-2 | 7.169 | 6.263 | 1806861 | 1131686 | 10.982 | 11.342 | |
| 18) | L4 AR-1242-3 | 0.000 | 6.478 | 0 | 814718 | N.D. | 15.174 | # |
| 19) | L4 AR-1242-4 | 7.355 | 6.580 | 1240544 | 2622156 | 13.918 | 47.029 | # |
| 20) | L4 AR-1242-5 | 8.179 | 7.194 | 17551559 | 500.1E6 | 179.748 | 6603.343 | # |
| 21) | L5 AR-1248-1 | 7.142 | 6.241 | 1220934 | 960165 | 10.386 | 12.341 | |
| 22) | L5 AR-1248-2 | 7.458 | 6.532 | 29209085 | 19176717 | 178.292 | 177.698 | |
| 23) | L5 AR-1248-3 | 7.687 | 6.580 | 5411117 | 2622156 | 27.772 | 23.153 | |
| 24) | L5 AR-1248-4 | 8.104 | 6.785 | 675.6E6 | 3965610 | 3128.834 | 28.112 | # |
| 25) | L5 AR-1248-5 | 8.179 | 7.240 | 17551559 | 7275015 | 82.446 | 51.575 | # |
| 26) | L6 AR-1254-1 | 8.104 | 7.194 | 675.6E6 | 500.1E6 | 3354.375 | 2526.296 | |
| 27) | L6 AR-1254-2 | 8.341 | 7.362 | 1158.9E6 | 859.1E6 | 3640.617 | 4870.950 | # |
| 28) | L6 AR-1254-3 | 8.737 | 7.825 | 694.0E6 | 2159.3E6 | 2036.349 | 7234.282 | # |
| 29) | L6 AR-1254-4 | 9.038 | 8.059 | 467.6E6 | 125.4E6 | 1975.669 | 722.603 | # |
| 30) | L6 AR-1254-5 | 9.478 | 8.504 | 8142.7E6 | 5570.0E6 | 29868.295 | 21713.994 | # |
| 31) | L7 AR-1260-1 | 8.908 | 7.950 | 4796.7E6 | 3492.9E6 | 14574.134 | 14785.433 | |
| 32) | L7 AR-1260-2 | 9.179 | 8.154 | 6258.2E6 | 4578.2E6 | 15819.172 | 15481.279 | |
| 33) | L7 AR-1260-3 | 9.555 | 8.319 | 4672.9E6 | 4080.0E6 | 15197.068 | 14639.128 | |
| 34) | L7 AR-1260-4 | 9.799 | 8.817 | 5764.3E6 | 3566.6E6 | 15899.010 | 15033.456 | |
| 35) | L7 AR-1260-5 | 10.145 | 9.068 | 11912.7E6 | 8321.5E6 | 15646.582 | 13913.244 | |
| 36) | L8 AR-1262-1 | 9.555 | 8.542 | 4672.9E6 | 3761.4E6 | 13640.105 | 13616.334 | |
| 37) | L8 AR-1262-2 | 10.145 | 9.068 | 11912.7E6 | 8321.5E6 | 19519.207 | 17006.122 | |
| 38) | L8 AR-1262-3 | 10.501 | 9.361 | 8261.8E6 | 1670.8E6 | 19613.818 | 8966.918 | # |
| 39) | L8 AR-1262-4 | 10.558 | 9.428 | 4532.8E6 | 6622.8E6 | 13277.189 | 18405.319 | # |
| 40) | L8 AR-1262-5 | 11.287 | 9.955 | 3225.5E6 | 2082.9E6 | 14348.950 | 13762.239 | |
| 41) | L9 AR-1268-1 | 10.501 | 9.361 | 8261.8E6 | 1670.8E6 | 5938.613 | 1588.293 | # |
| 42) | L9 AR-1268-2 | 10.558 | 9.428 | 4532.8E6 | 6622.8E6 | 3375.273 | 6825.934 | # |
| 43) | L9 AR-1268-3 | 10.822 | 9.641 | 149.8E6 | 59194460 | 129.009 | 71.797 | # |
| 44) | L9 AR-1268-4 | 11.287 | 9.955 | 3225.5E6 | 2082.9E6 | 7533.740 | 6963.201 | |
| 45) | L9 AR-1268-5 | 11.733 | 10.271 | 623.1E6 | 353.8E6 | 163.357 | 142.588 | |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050319\
Data File : PQ039355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2019 19:34
Operator : AJ\SJ
Sample : K2602-05DL 5X
Misc :
ALS Vial : 70 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 00:47:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 02 08:13:50 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 |
|---|---|---|---|---|---|---|

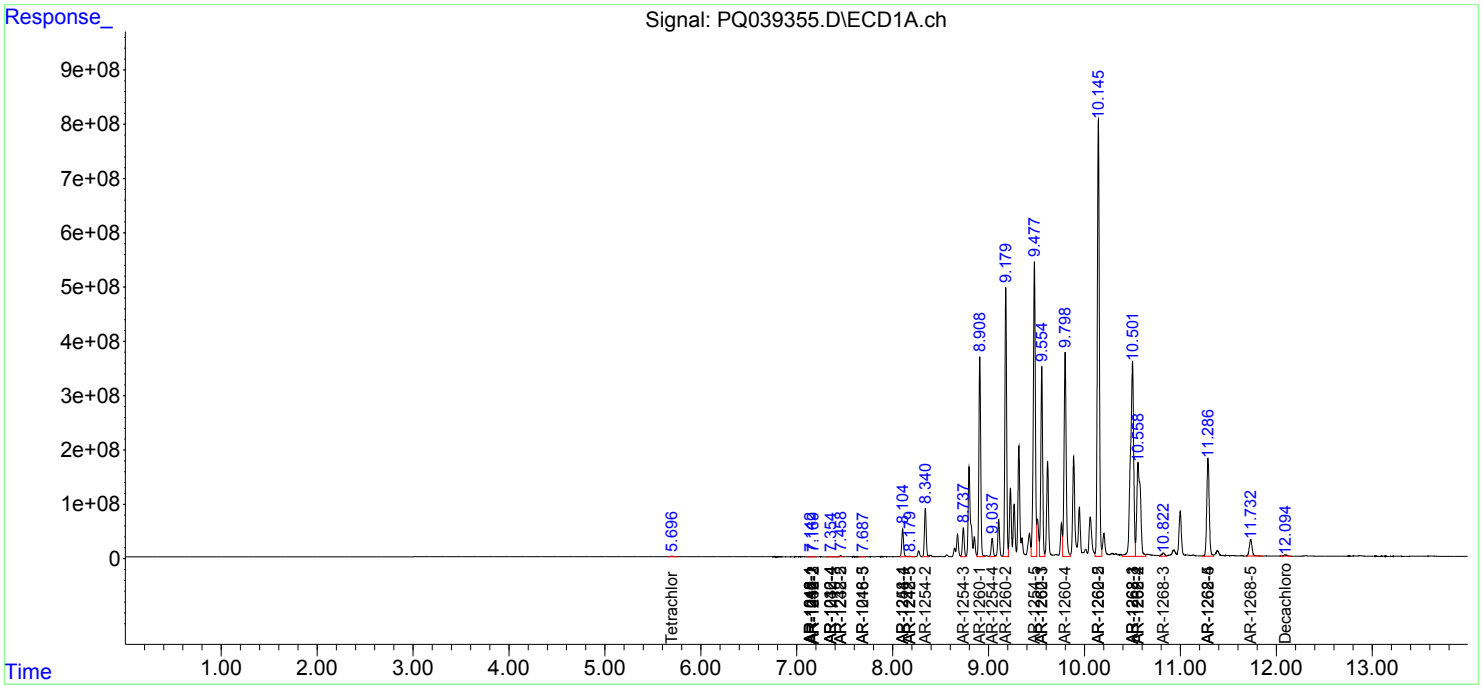
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

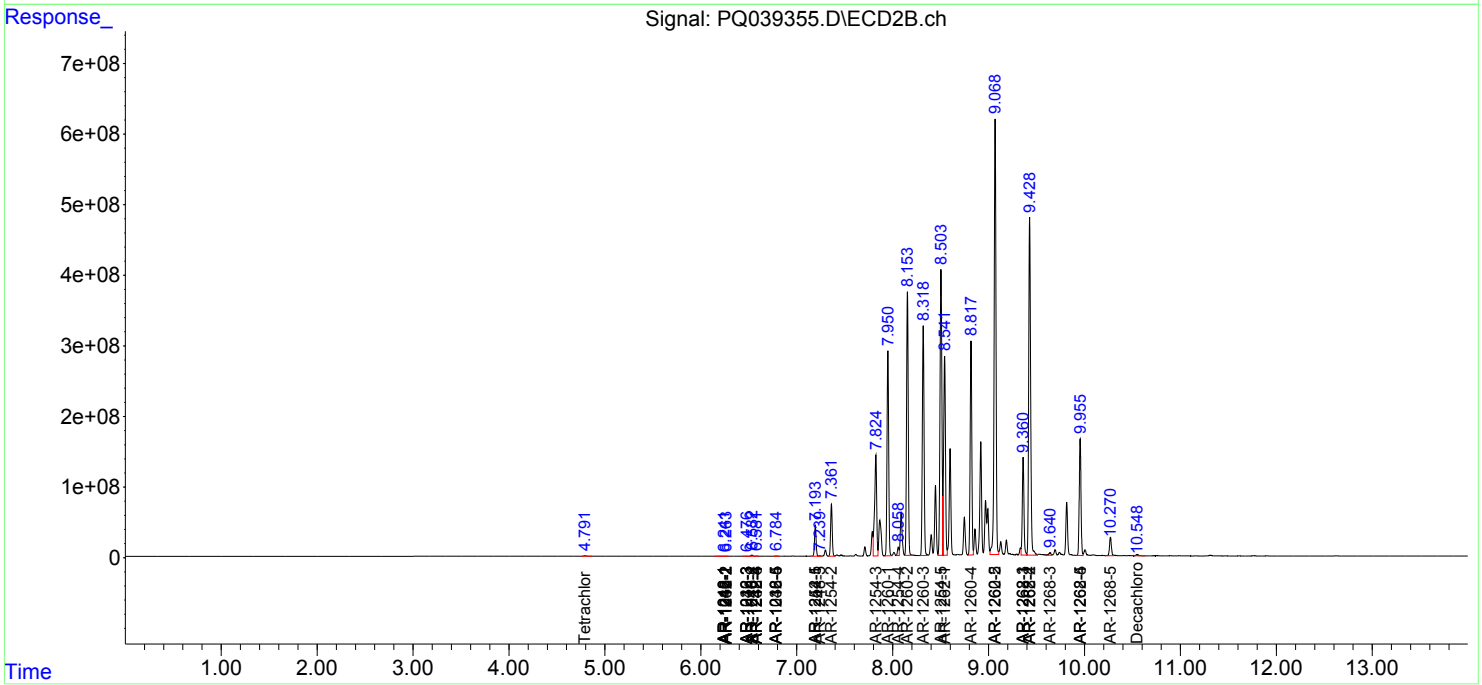
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050319\
Data File : PQ039355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2019 19:34
Operator : AJ\SJ
Sample : K2602-05DL 5X
Misc :
ALS Vial : 70 Sample Multiplier: 1

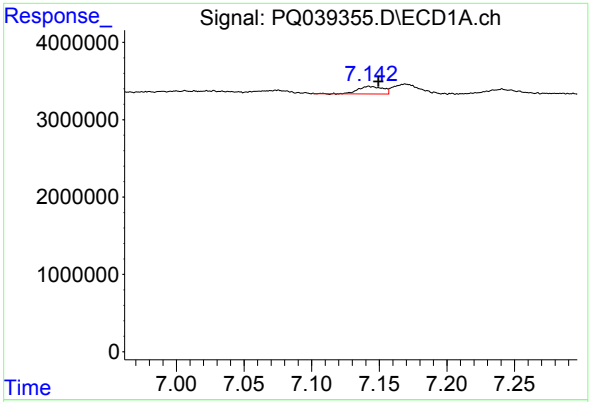
**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 00:47:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 02 08:13:50 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



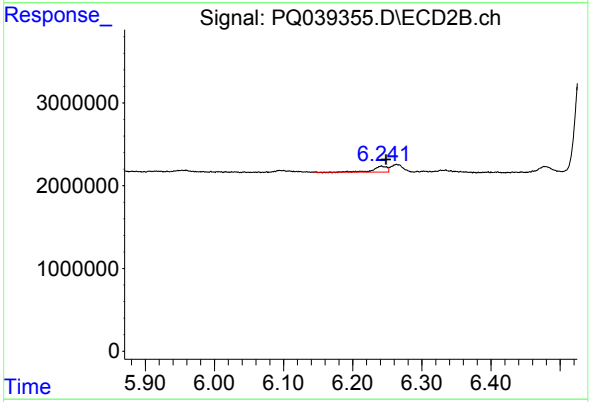






#3 AR-1016-1

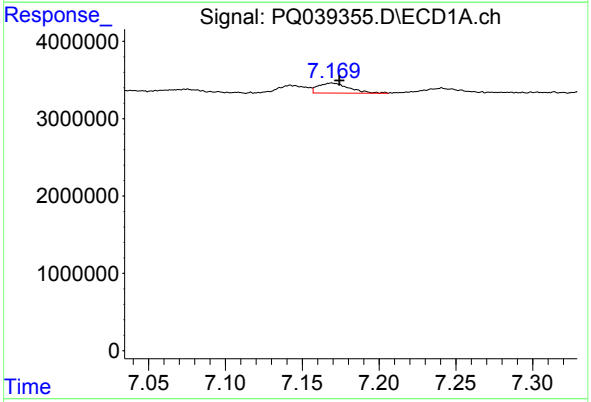
R.T.: 7.142 min
Delta R.T.: -0.007 min
Response: 1220934
Conc: 6.97 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



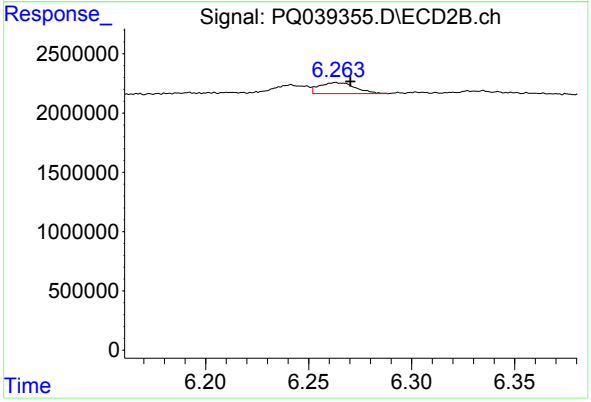

#3 AR-1016-1

R.T.: 6.241 min
Delta R.T.: -0.007 min
Response: 960165
Conc: 8.63 ng/ml



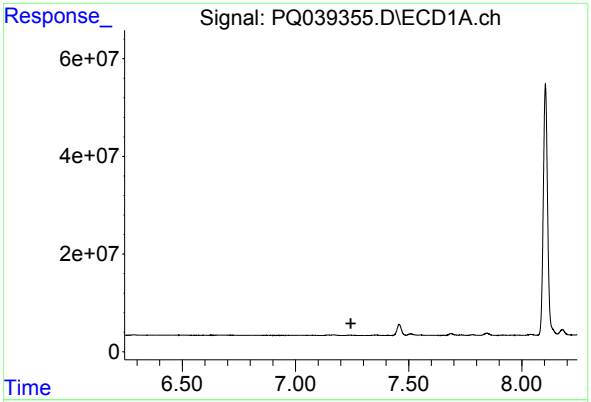

#4 AR-1016-2

R.T.: 7.169 min
Delta R.T.: -0.005 min
Response: 1806861
Conc: 6.87 ng/ml




#4 AR-1016-2

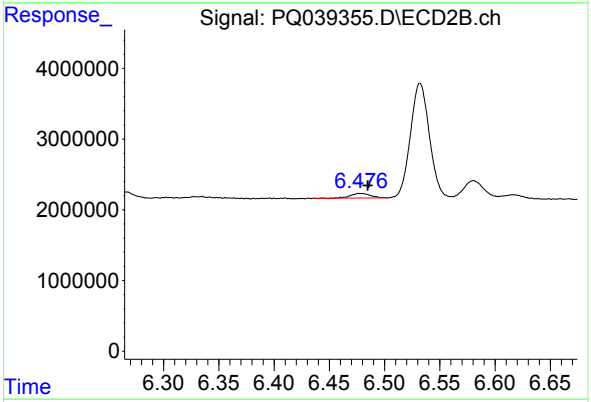
R.T.: 6.263 min
Delta R.T.: -0.007 min
Response: 1131686
Conc: 7.02 ng/ml




#5 AR-1016-3

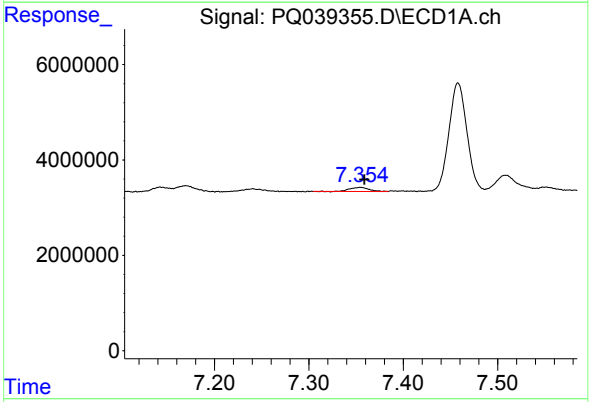
R.T.: 0.000 min
Exp R.T. : 7.245 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



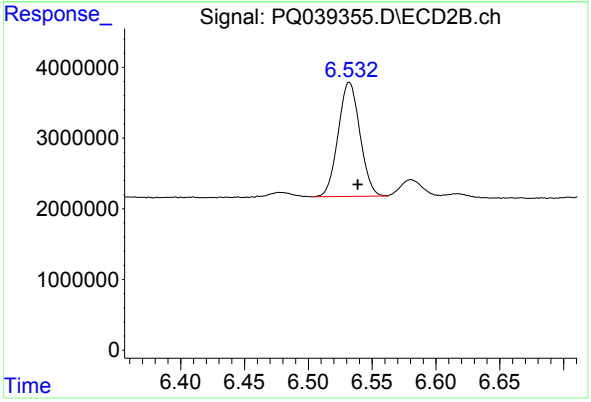

#5 AR-1016-3

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 814718
Conc: 9.75 ng/ml



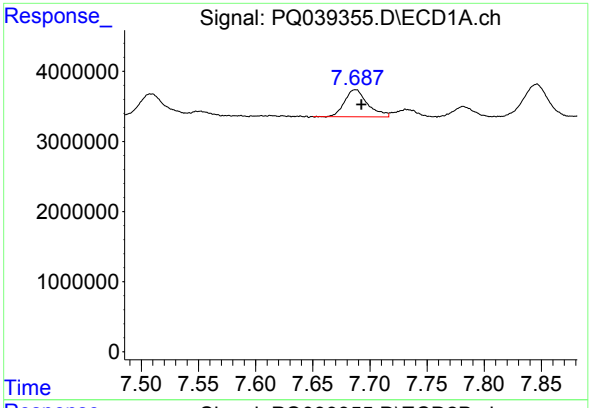

#6 AR-1016-4

R.T.: 7.355 min
Delta R.T.: -0.004 min
Response: 1240544
Conc: 9.06 ng/ml




#6 AR-1016-4

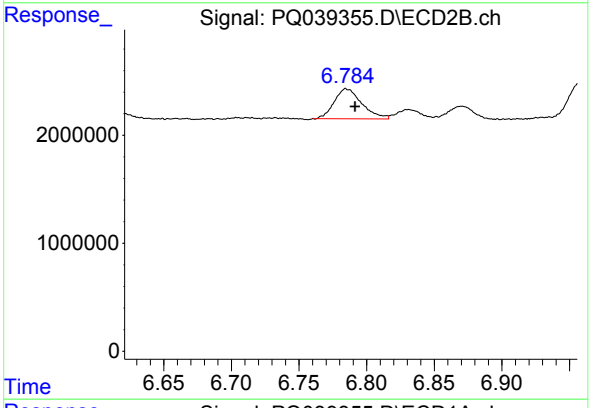
R.T.: 6.532 min
Delta R.T.: -0.006 min
Response: 19176717
Conc: 287.50 ng/ml




#7 AR-1016-5

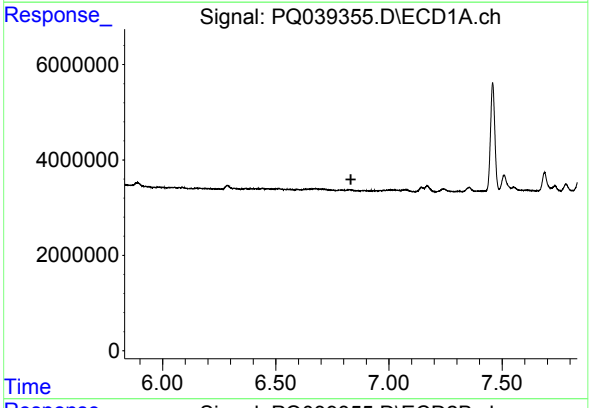
R.T.: 7.687 min
Delta R.T.: -0.005 min
Response: 5411117
Conc: 38.84 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



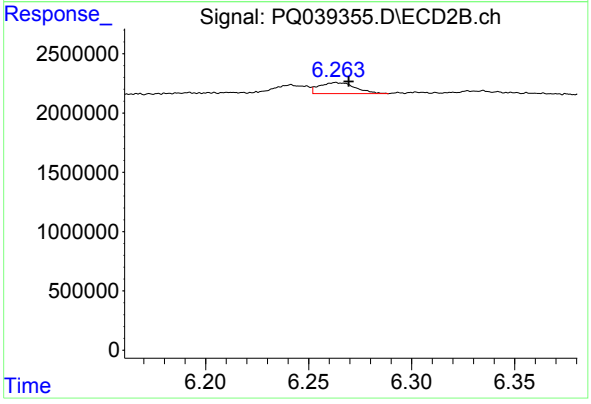

#7 AR-1016-5

R.T.: 6.785 min
Delta R.T.: -0.006 min
Response: 3965610
Conc: 40.53 ng/ml



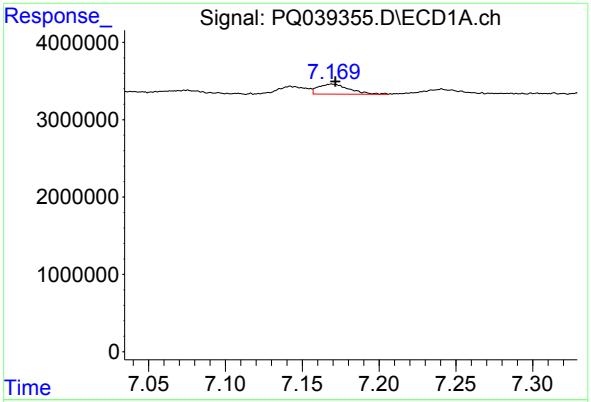

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.832 min
Response: 0
Conc: N.D.




#12 AR-1232-2

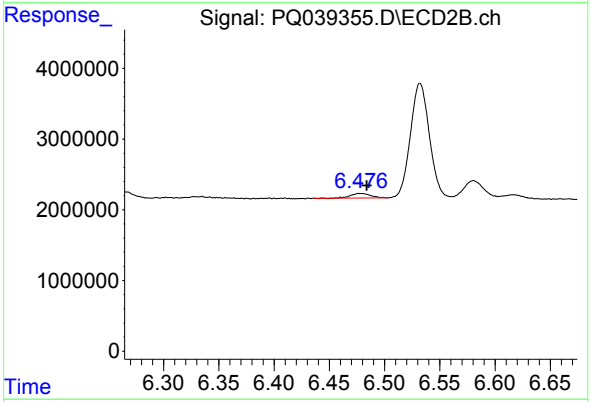
R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 1131686
Conc: 26.13 ng/ml




#13 AR-1232-3

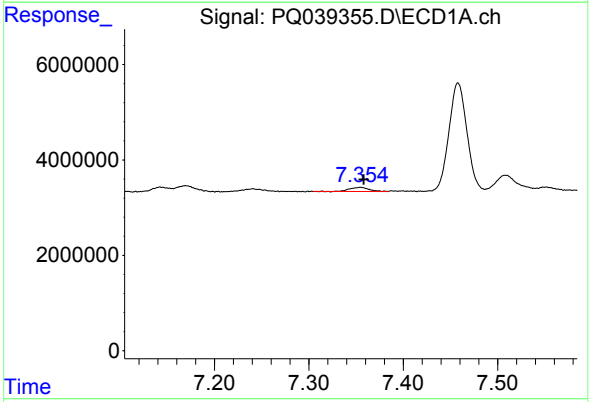
R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 1806861
Conc: 24.61 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



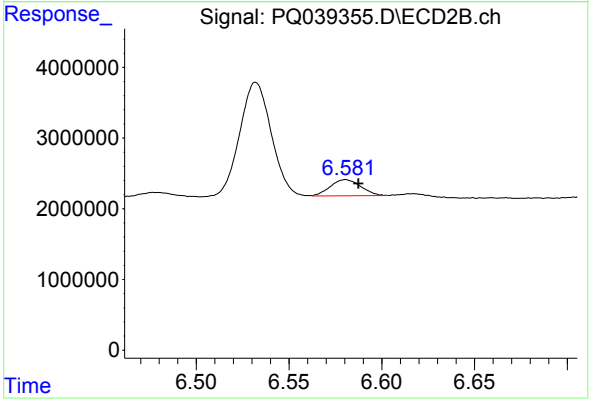

#13 AR-1232-3

R.T.: 6.478 min
Delta R.T.: -0.006 min
Response: 814718
Conc: 36.48 ng/ml



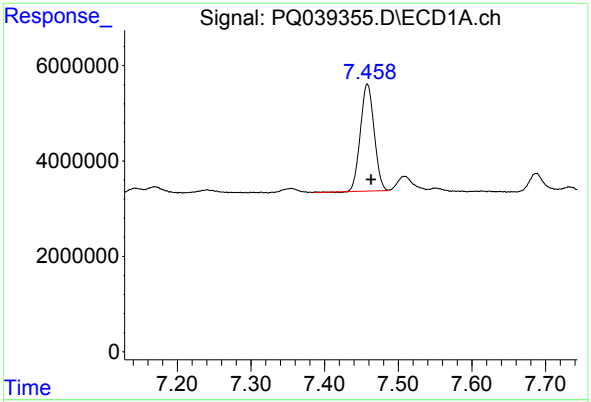

#14 AR-1232-4

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 1240544
Conc: 31.77 ng/ml




#14 AR-1232-4

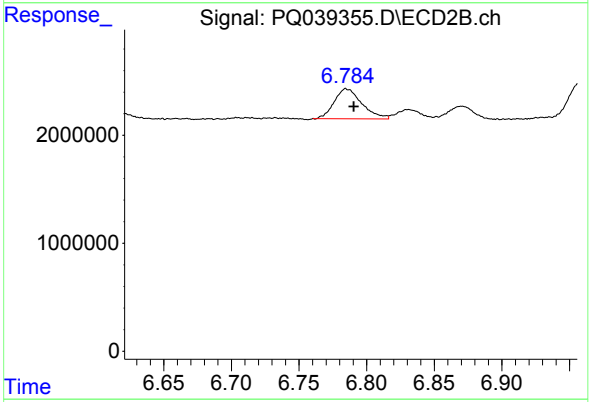
R.T.: 6.580 min
Delta R.T.: -0.007 min
Response: 2622156
Conc: 119.85 ng/ml




#15 AR-1232-5

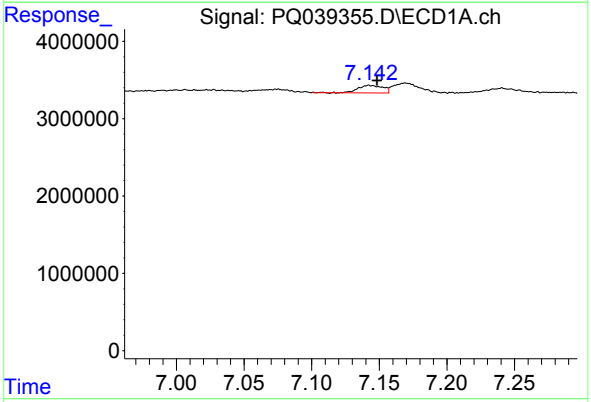
R.T.: 7.458 min
Delta R.T.: -0.005 min
Response: 29209085
Conc: 1040.88 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



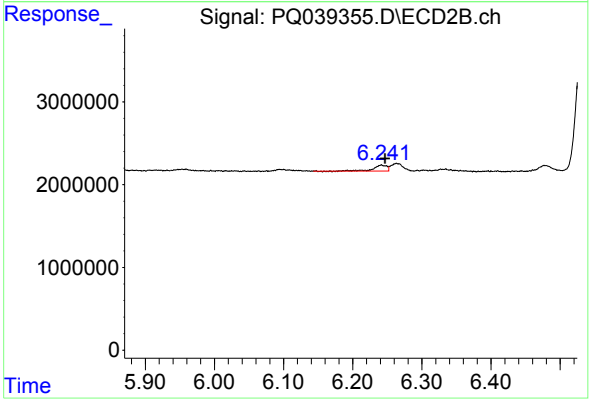

#15 AR-1232-5

R.T.: 6.785 min
Delta R.T.: -0.006 min
Response: 3965610
Conc: 157.40 ng/ml



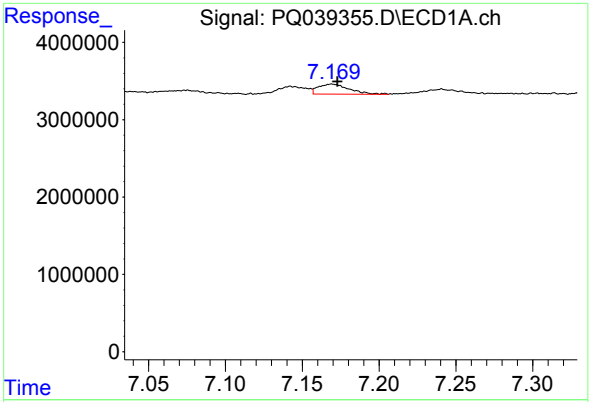

#16 AR-1242-1

R.T.: 7.142 min
Delta R.T.: -0.006 min
Response: 1220934
Conc: 11.07 ng/ml




#16 AR-1242-1

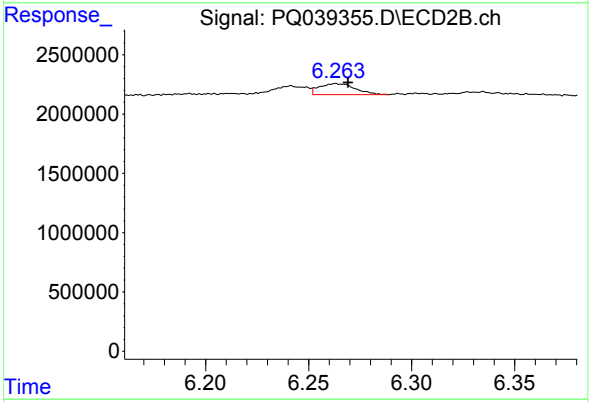
R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 960165
Conc: 13.83 ng/ml




#17 AR-1242-2

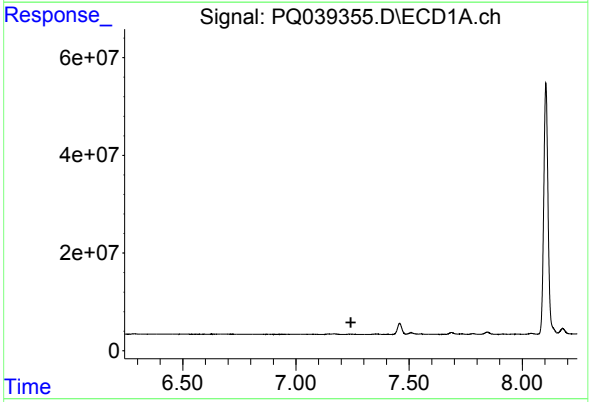
R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 1806861
Conc: 10.98 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



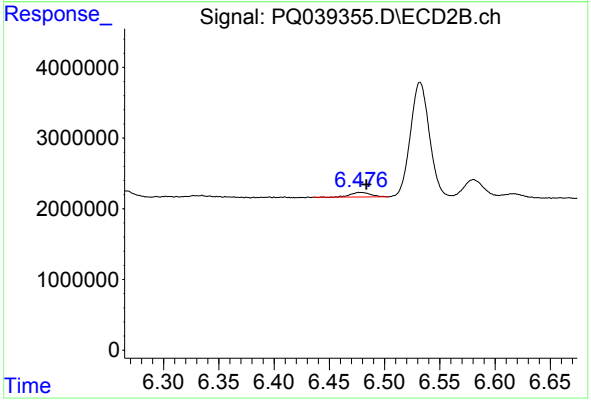

#17 AR-1242-2

R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 1131686
Conc: 11.34 ng/ml



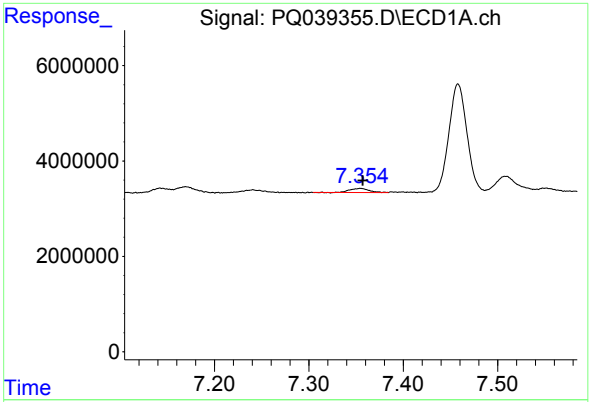

#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.243 min
Response: 0
Conc: N.D.




#18 AR-1242-3

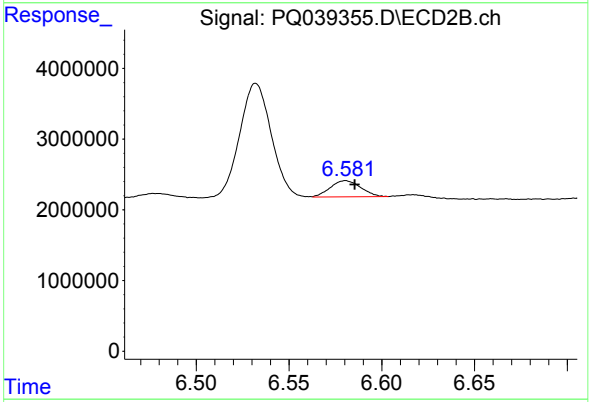
R.T.: 6.478 min
Delta R.T.: -0.006 min
Response: 814718
Conc: 15.17 ng/ml




#19 AR-1242-4

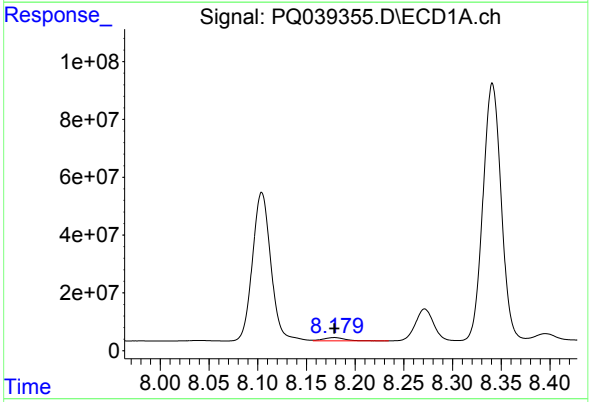
R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 1240544
Conc: 13.92 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



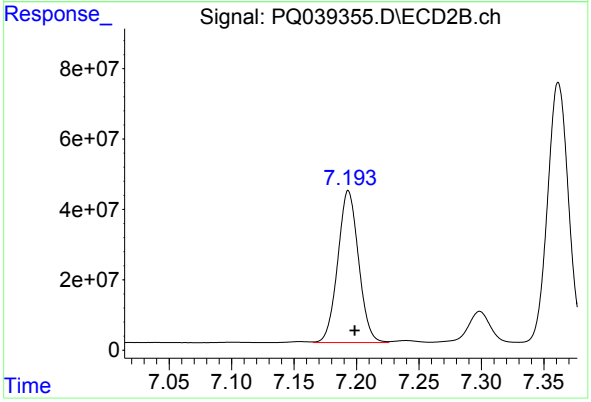

#19 AR-1242-4

R.T.: 6.580 min
Delta R.T.: -0.005 min
Response: 2622156
Conc: 47.03 ng/ml



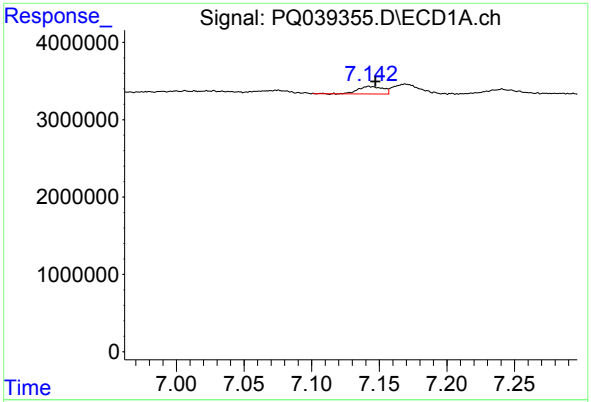

#20 AR-1242-5

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 17551559
Conc: 179.75 ng/ml




#20 AR-1242-5

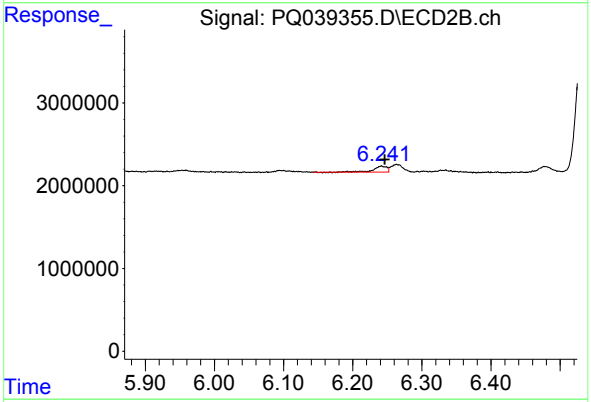
R.T.: 7.194 min
Delta R.T.: -0.005 min
Response: 500066906
Conc: 6603.34 ng/ml




#21 AR-1248-1

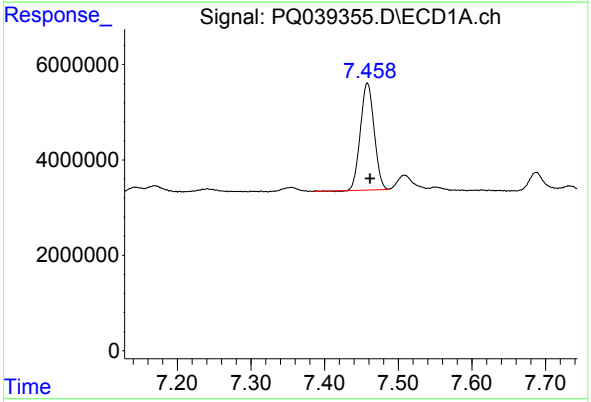
R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 1220934
Conc: 10.39 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



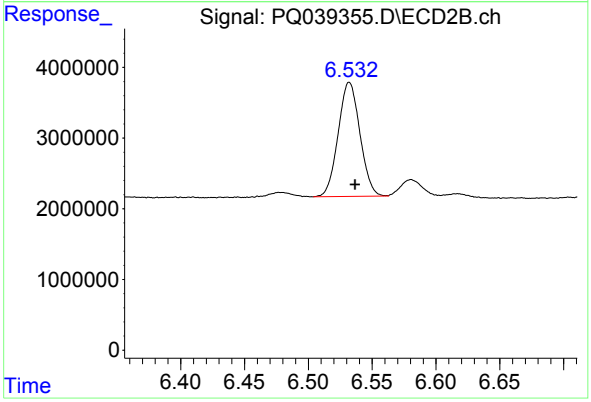

#21 AR-1248-1

R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 960165
Conc: 12.34 ng/ml



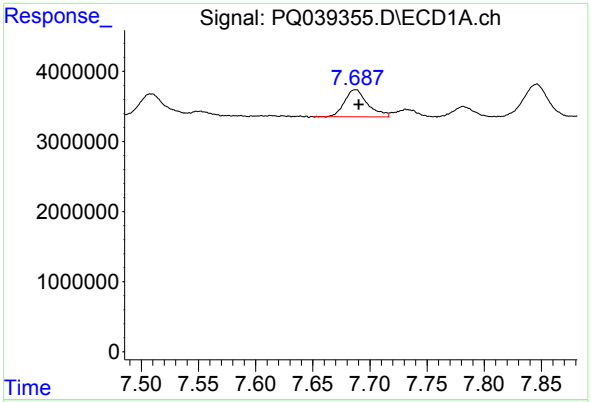

#22 AR-1248-2

R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 29209085
Conc: 178.29 ng/ml




#22 AR-1248-2

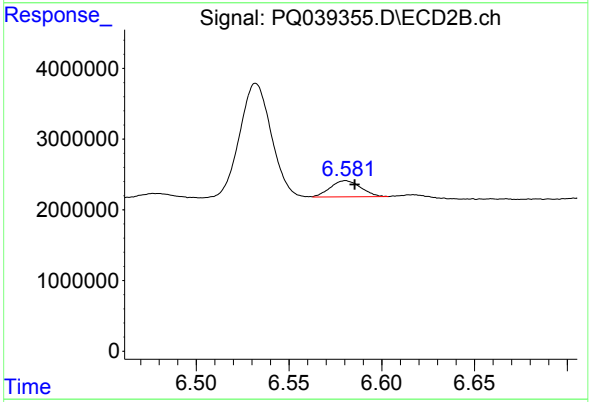
R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 19176717
Conc: 177.70 ng/ml




#23 AR-1248-3

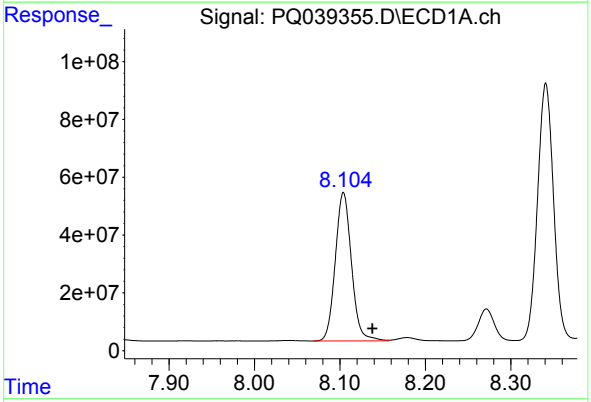
R.T.: 7.687 min
Delta R.T.: -0.003 min
Response: 5411117
Conc: 27.77 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



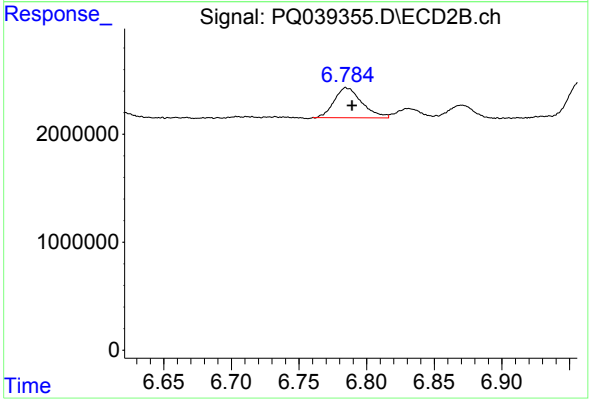

#23 AR-1248-3

R.T.: 6.580 min
Delta R.T.: -0.005 min
Response: 2622156
Conc: 23.15 ng/ml



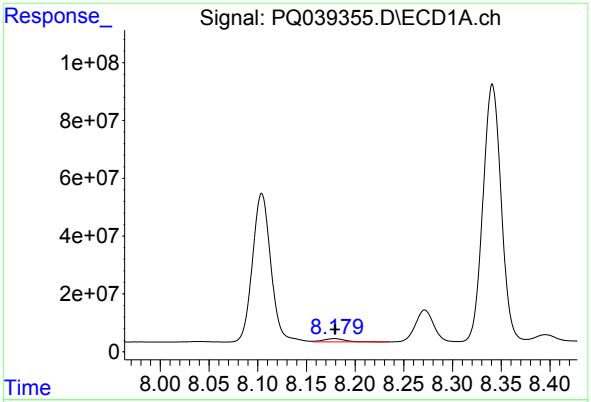

#24 AR-1248-4

R.T.: 8.104 min
Delta R.T.: -0.034 min
Response: 675571043
Conc: 3128.83 ng/ml




#24 AR-1248-4

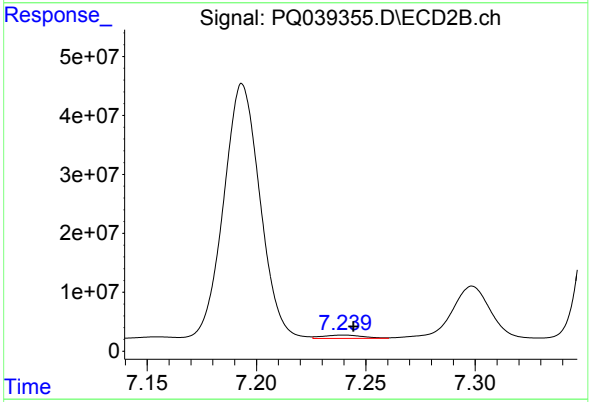
R.T.: 6.785 min
Delta R.T.: -0.004 min
Response: 3965610
Conc: 28.11 ng/ml




#25 AR-1248-5

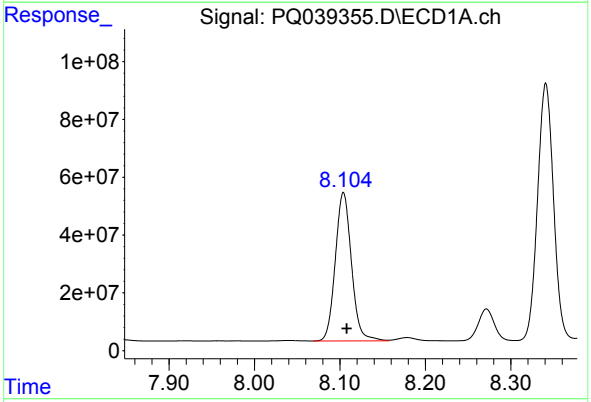
R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 17551559
Conc: 82.45 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



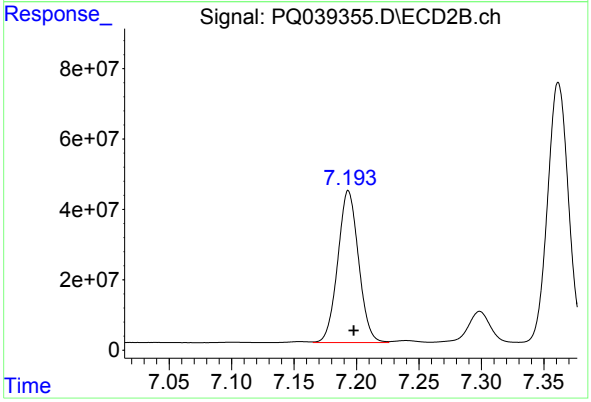

#25 AR-1248-5

R.T.: 7.240 min
Delta R.T.: -0.004 min
Response: 7275015
Conc: 51.57 ng/ml



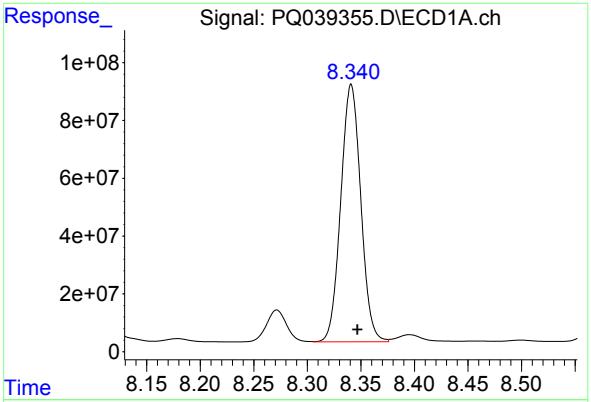

#26 AR-1254-1

R.T.: 8.104 min
Delta R.T.: -0.004 min
Response: 675571043
Conc: 3354.37 ng/ml




#26 AR-1254-1

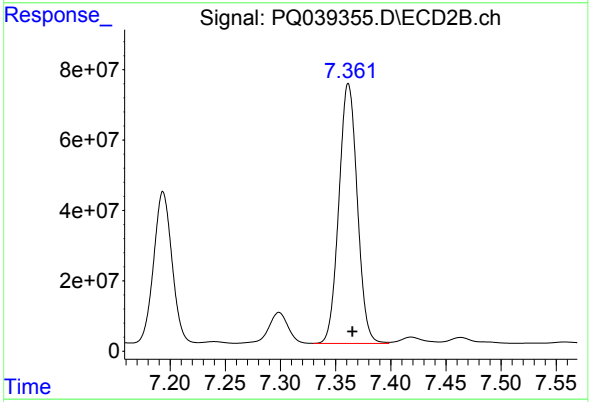
R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 500066906
Conc: 2526.30 ng/ml




#27 AR-1254-2

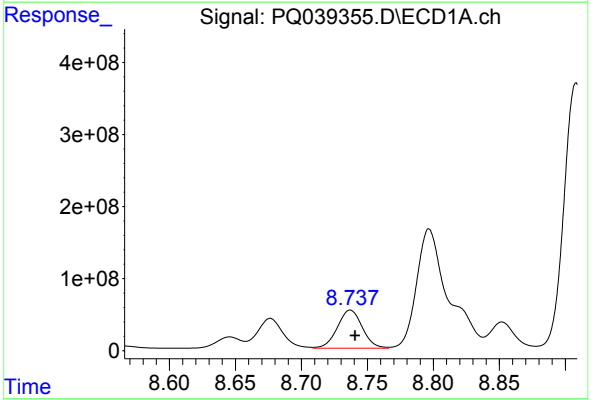
R.T.: 8.341 min
Delta R.T.: -0.006 min
Response: 1158940249
Conc: 3640.62 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



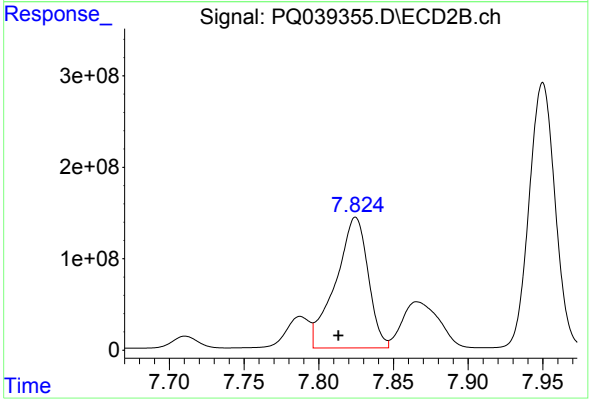

#27 AR-1254-2

R.T.: 7.362 min
Delta R.T.: -0.004 min
Response: 859062178
Conc: 4870.95 ng/ml



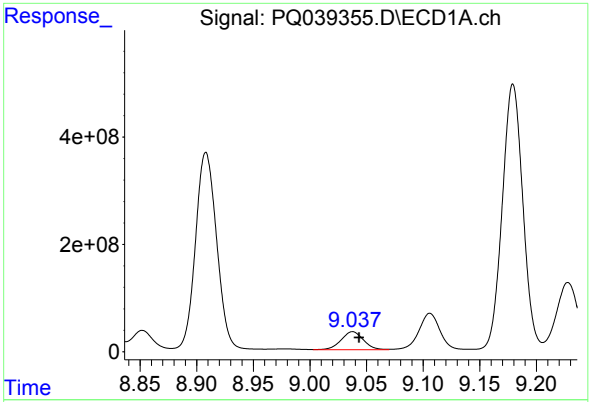

#28 AR-1254-3

R.T.: 8.737 min
Delta R.T.: -0.004 min
Response: 693997572
Conc: 2036.35 ng/ml




#28 AR-1254-3

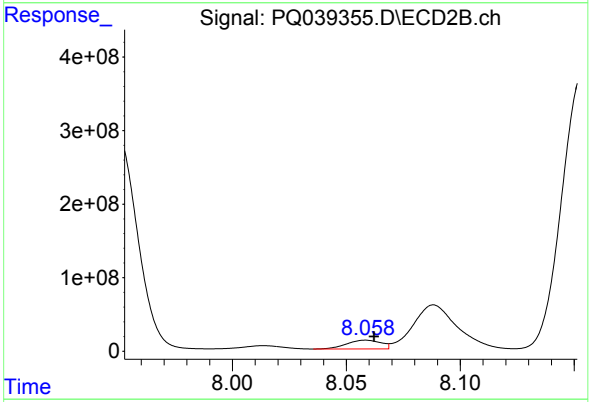
R.T.: 7.825 min
Delta R.T.: 0.011 min
Response: 2159313450
Conc: 7234.28 ng/ml




#29 AR-1254-4

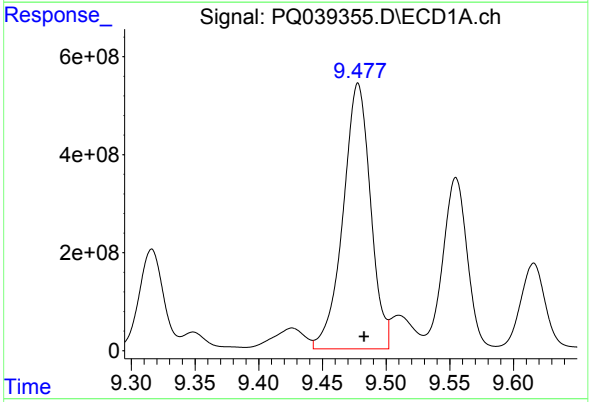
R.T.: 9.038 min
Delta R.T.: -0.006 min
Response: 467578233
Conc: 1975.67 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



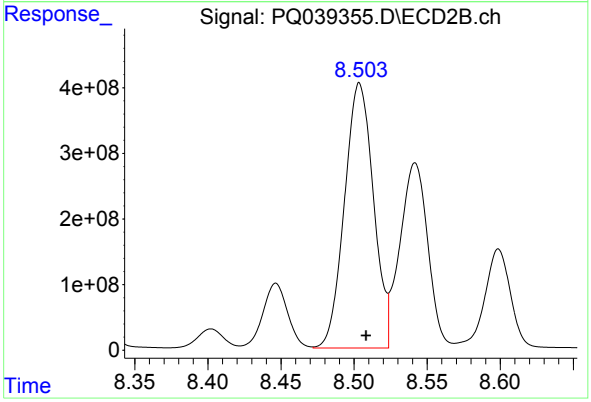

#29 AR-1254-4

R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 125406441
Conc: 722.60 ng/ml



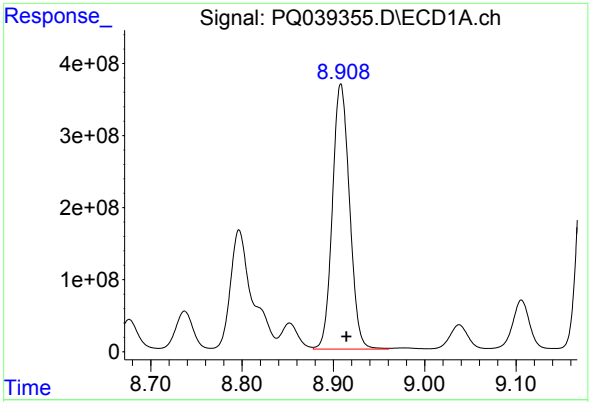

#30 AR-1254-5

R.T.: 9.478 min
Delta R.T.: -0.005 min
Response: 8142709263
Conc: 29868.29 ng/ml




#30 AR-1254-5

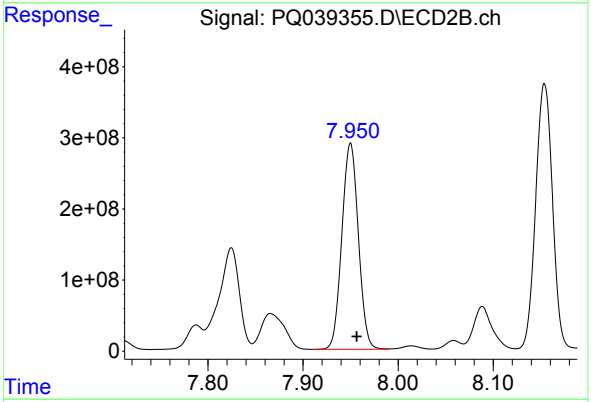
R.T.: 8.504 min
Delta R.T.: -0.004 min
Response: 5570043871
Conc: 21713.99 ng/ml




#31 AR-1260-1

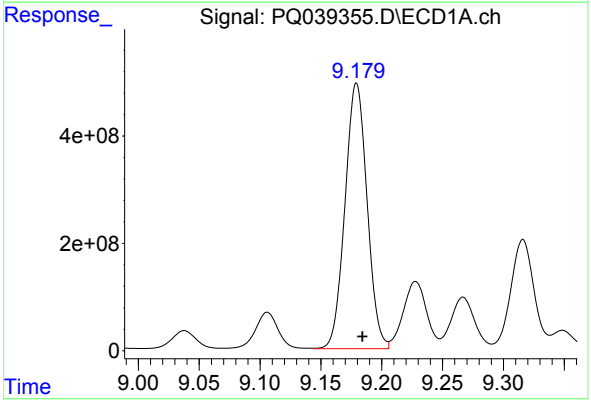
R.T.: 8.908 min
Delta R.T.: -0.006 min
Response: 4796717694
Conc: 14574.13 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



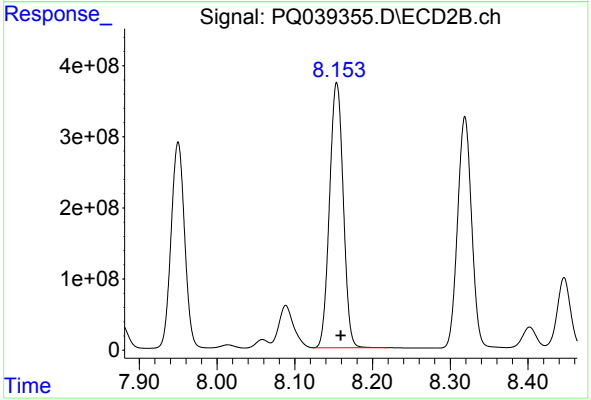

#31 AR-1260-1

R.T.: 7.950 min
Delta R.T.: -0.006 min
Response: 3492913407
Conc: 14785.43 ng/ml



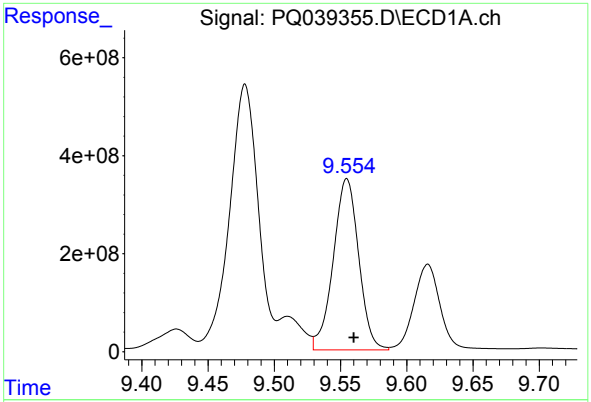

#32 AR-1260-2

R.T.: 9.179 min
Delta R.T.: -0.005 min
Response: 6258169835
Conc: 15819.17 ng/ml




#32 AR-1260-2

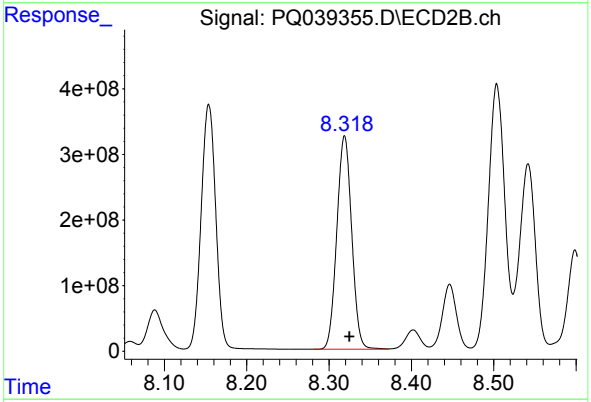
R.T.: 8.154 min
Delta R.T.: -0.005 min
Response: 4578228152
Conc: 15481.28 ng/ml




#33 AR-1260-3

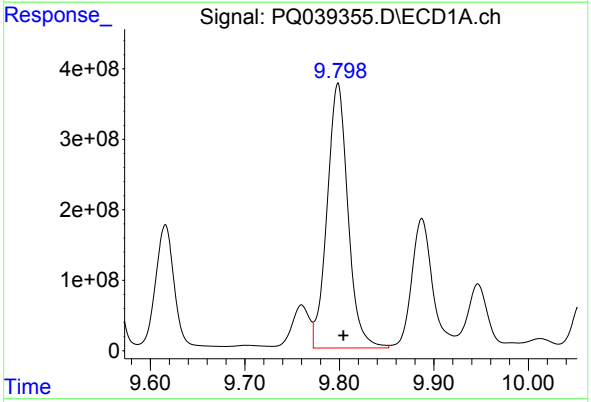
R.T.: 9.555 min
Delta R.T.: -0.005 min
Response: 4672860717
Conc: 15197.07 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



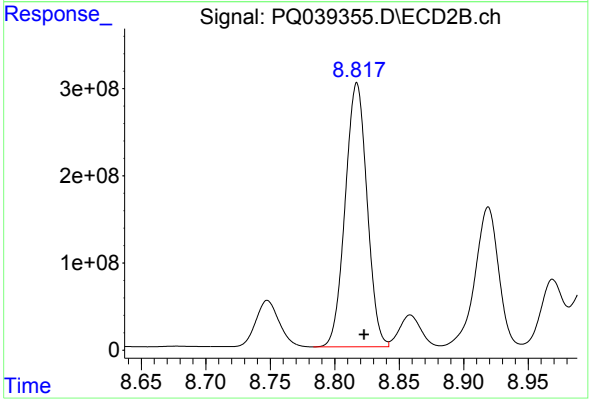

#33 AR-1260-3

R.T.: 8.319 min
Delta R.T.: -0.006 min
Response: 4079989525
Conc: 14639.13 ng/ml



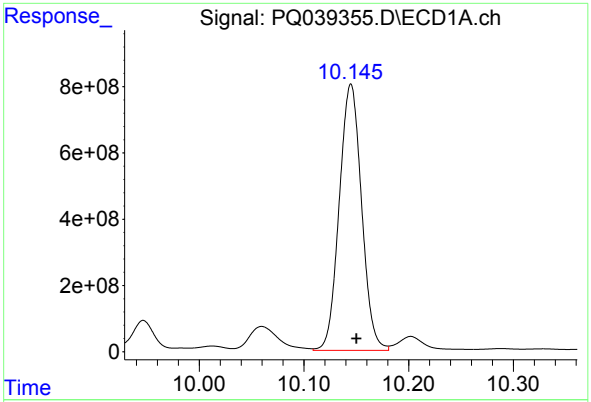

#34 AR-1260-4

R.T.: 9.799 min
Delta R.T.: -0.006 min
Response: 5764298369
Conc: 15899.01 ng/ml




#34 AR-1260-4

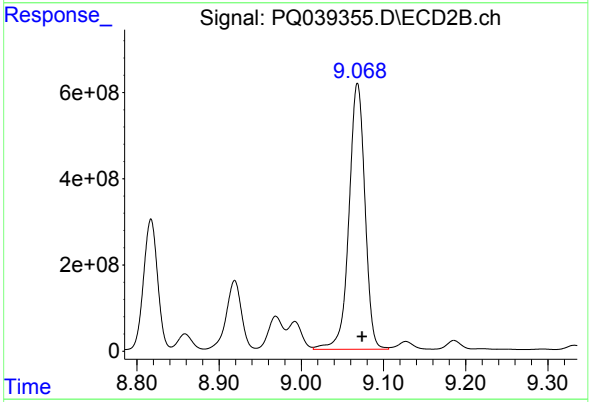
R.T.: 8.817 min
Delta R.T.: -0.005 min
Response: 3566630739
Conc: 15033.46 ng/ml




#35 AR-1260-5

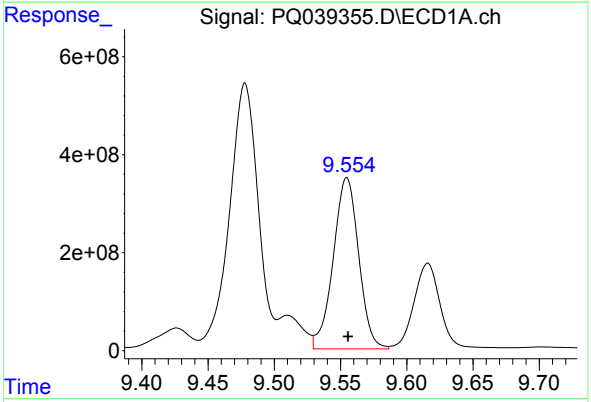
R.T.: 10.145 min
Delta R.T.: -0.005 min
Response: 11912671227
Conc: 15646.58 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



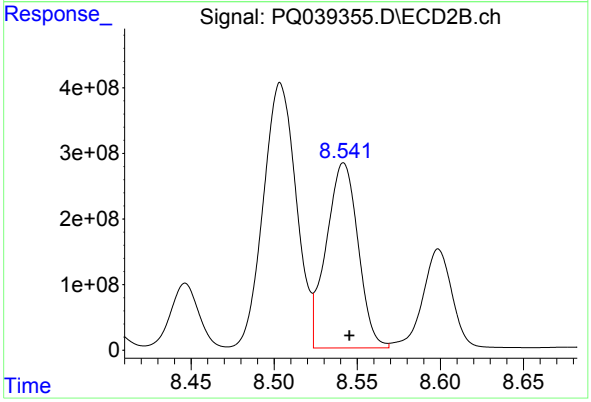

#35 AR-1260-5

R.T.: 9.068 min
Delta R.T.: -0.005 min
Response: 8321501816
Conc: 13913.24 ng/ml



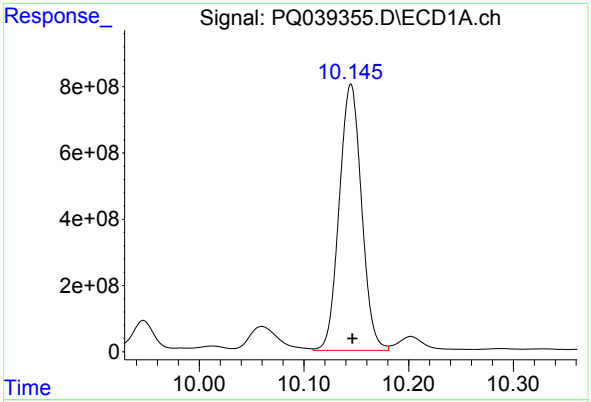

#36 AR-1262-1

R.T.: 9.555 min
Delta R.T.: -0.001 min
Response: 4672860717
Conc: 13640.11 ng/ml




#36 AR-1262-1

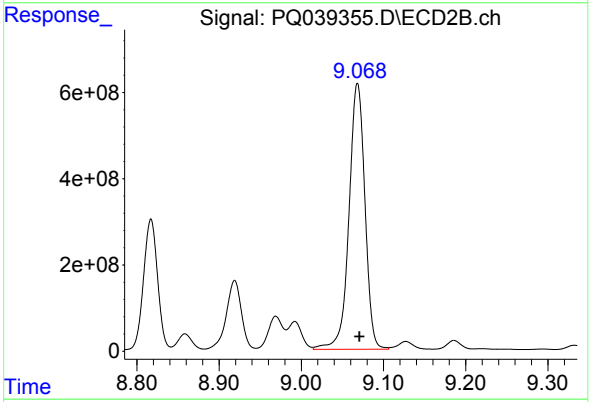
R.T.: 8.542 min
Delta R.T.: -0.003 min
Response: 3761383194
Conc: 13616.33 ng/ml




#37 AR-1262-2

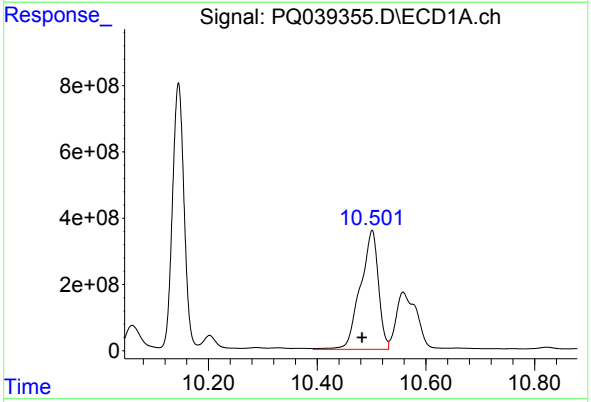
R.T.: 10.145 min
Delta R.T.: -0.001 min
Response: 11912671227
Conc: 19519.21 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



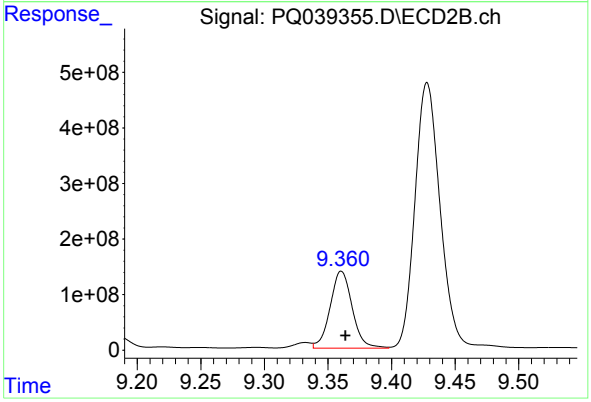

#37 AR-1262-2

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 8321501816
Conc: 17006.12 ng/ml



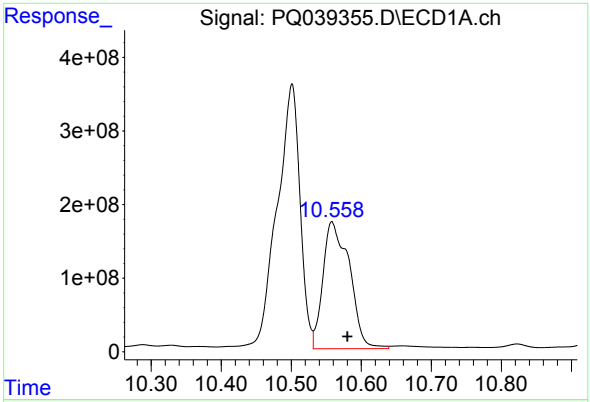

#38 AR-1262-3

R.T.: 10.501 min
Delta R.T.: 0.019 min
Response: 8261759535
Conc: 19613.82 ng/ml




#38 AR-1262-3

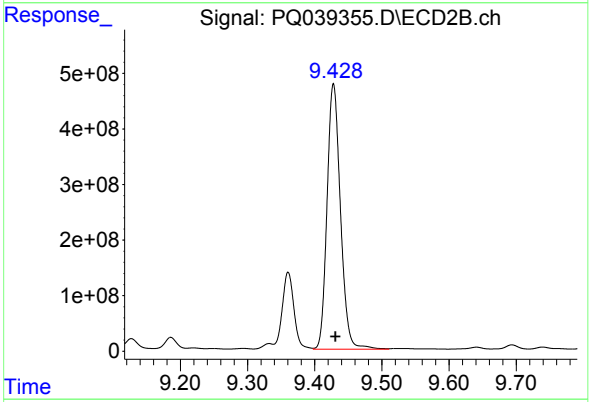
R.T.: 9.361 min
Delta R.T.: -0.003 min
Response: 1670767061
Conc: 8966.92 ng/ml




#39 AR-1262-4

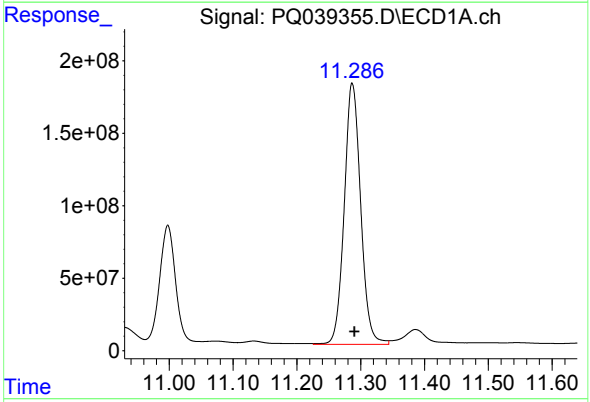
R.T.: 10.558 min
Delta R.T.: -0.022 min
Response: 4532829759
Conc: 13277.19 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



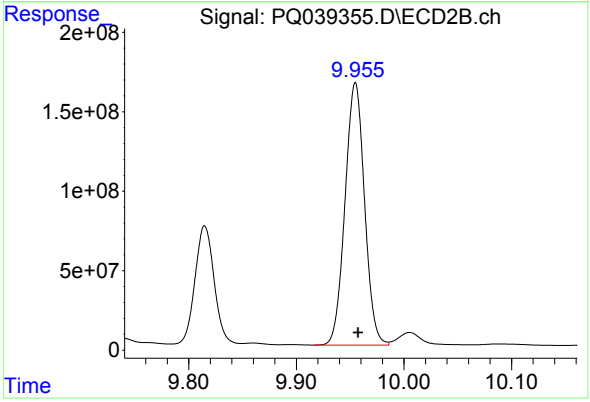

#39 AR-1262-4

R.T.: 9.428 min
Delta R.T.: -0.003 min
Response: 6622786445
Conc: 18405.32 ng/ml



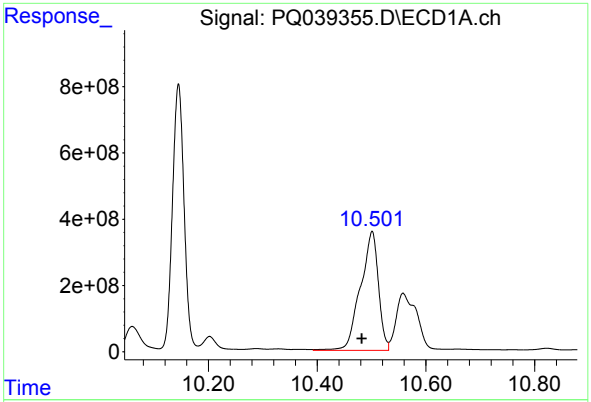

#40 AR-1262-5

R.T.: 11.287 min
Delta R.T.: -0.003 min
Response: 3225454044
Conc: 14348.95 ng/ml




#40 AR-1262-5

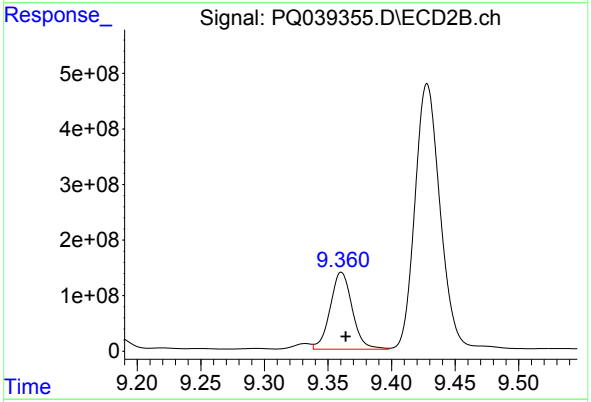
R.T.: 9.955 min
Delta R.T.: -0.002 min
Response: 2082899470
Conc: 13762.24 ng/ml




#41 AR-1268-1

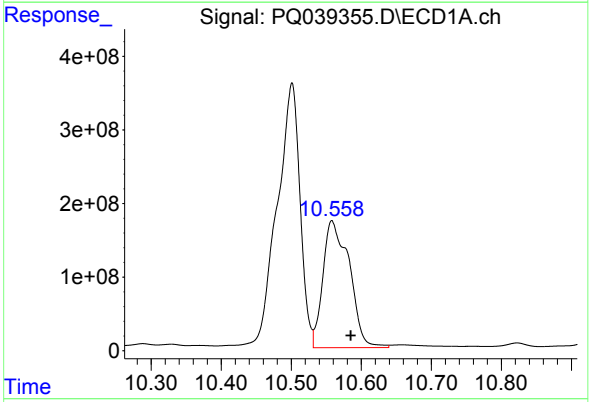
R.T.: 10.501 min
Delta R.T.: 0.019 min
Response: 8261759535
Conc: 5938.61 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



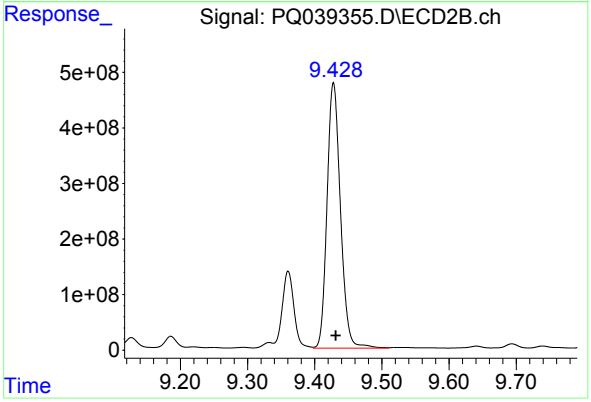

#41 AR-1268-1

R.T.: 9.361 min
Delta R.T.: -0.004 min
Response: 1670767061
Conc: 1588.29 ng/ml



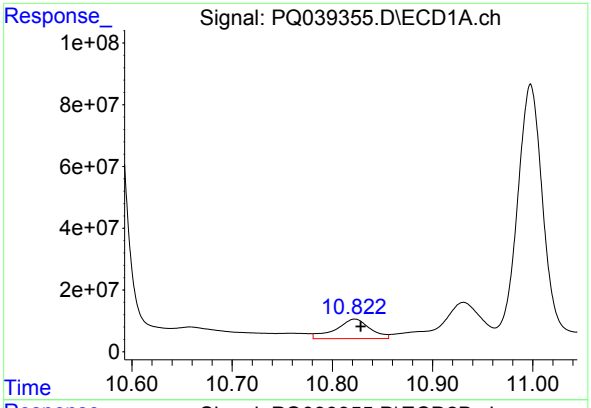

#42 AR-1268-2

R.T.: 10.558 min
Delta R.T.: -0.027 min
Response: 4532829759
Conc: 3375.27 ng/ml




#42 AR-1268-2

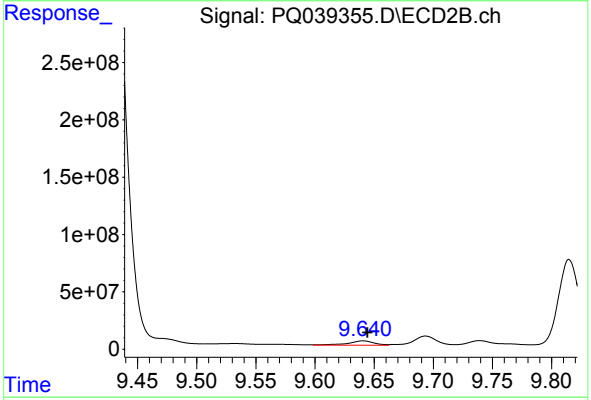
R.T.: 9.428 min
Delta R.T.: -0.003 min
Response: 6622786445
Conc: 6825.93 ng/ml




#43 AR-1268-3

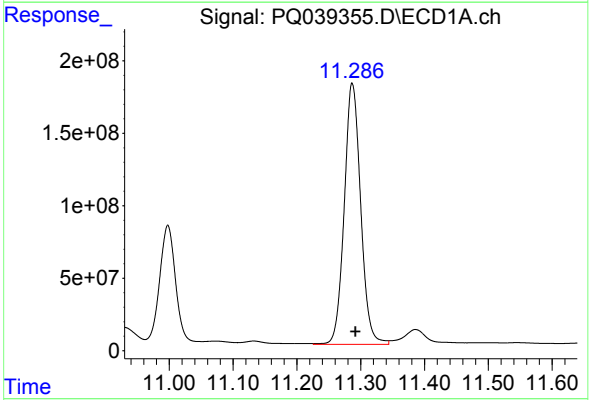
R.T.: 10.822 min
Delta R.T.: -0.006 min
Response: 149809776
Conc: 129.01 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL



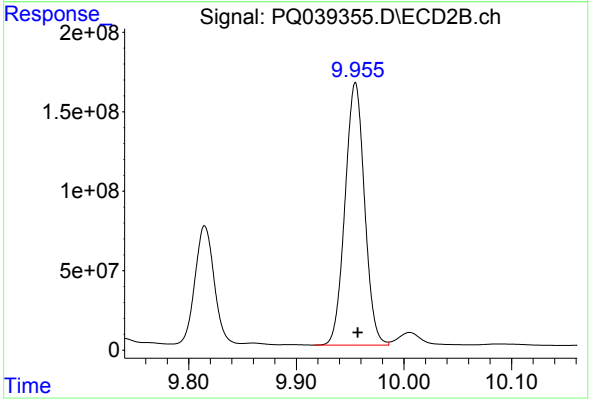

#43 AR-1268-3

R.T.: 9.641 min
Delta R.T.: -0.004 min
Response: 59194460
Conc: 71.80 ng/ml



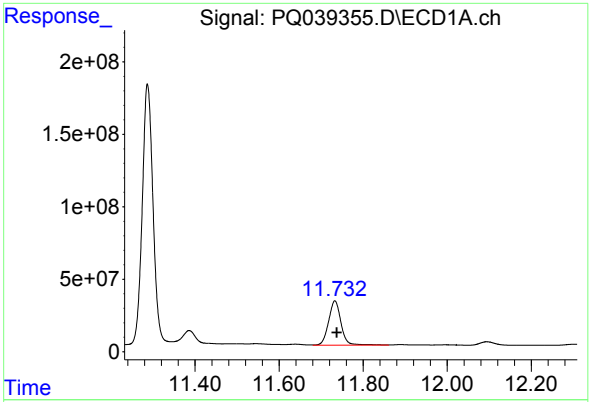

#44 AR-1268-4

R.T.: 11.287 min
Delta R.T.: -0.005 min
Response: 3225454044
Conc: 7533.74 ng/ml




#44 AR-1268-4

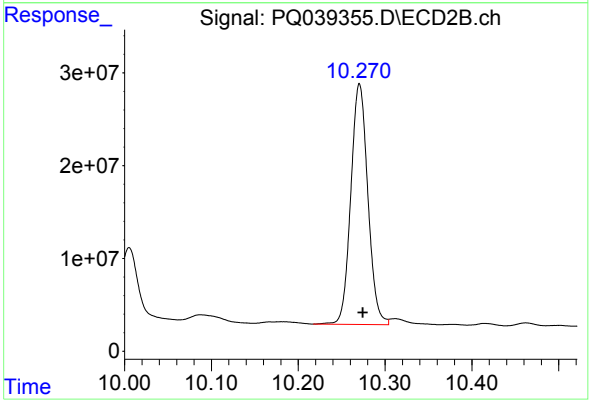
R.T.: 9.955 min
Delta R.T.: -0.002 min
Response: 2082899470
Conc: 6963.20 ng/ml




#45 AR-1268-5

R.T.: 11.733 min
Delta R.T.: -0.005 min
Response: 623119311
Conc: 163.36 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
BFH61DL




#45 AR-1268-5

R.T.: 10.271 min
Delta R.T.: -0.004 min
Response: 353847597
Conc: 142.59 ng/ml