Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071319\
Data File : PQ041175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2019 10:13
Operator : SM\AJ
Sample : K3783-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** ECD_Q
**ClientSampleId :** KY030LC015-SD-190711

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 02:16:41 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 13 02:14:45 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 5.716 | 4.771 | 135.6E6 | 89006169 | 13.345 | 13.649 | |
| 2) | SA Decachlor... | 12.136 | 10.545 | 156.5E6 | 57871681 | 12.184 | 12.379 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 7.189 | 6.251 | 18749174 | 9161128 | 47.163 | 36.506 | |
| 4) | L1 AR-1016-2 | 7.189 | 6.251 | 18749174 | 9161128 | 32.341 | 25.700 | |
| 5) | L1 AR-1016-3 | 0.000 | 6.519 | 0 | 4069424 | N.D. | 21.898 | # |
| 6) | L1 AR-1016-4 | 0.000 | 6.519 | 0 | 4069424 | N.D. | 26.699 | # |
| 12) | L3 AR-1232-2 | 0.000 | 6.251 | 0 | 9161128 | N.D. | 62.929 | # |
| 13) | L3 AR-1232-3 | 7.189 | 6.519 | 18749174 | 4069424 | 81.181 | 54.658 | # |
| 14) | L3 AR-1232-4 | 0.000 | 6.567 | 0 | 10631554 | N.D. | 167.434 | # |
| 15) | L3 AR-1232-5 | 7.527 | 0.000 | 12605347 | 0 | 174.234 | N.D. | # |
| 16) | L4 AR-1242-1 | 7.189 | 6.251 | 18749174 | 9161128 | 42.128 | 31.854 | |
| 17) | L4 AR-1242-2 | 7.189 | 6.251 | 18749174 | 9161128 | 28.367 | 22.090 | |
| 18) | L4 AR-1242-3 | 0.000 | 6.519 | 0 | 4069424 | N.D. | 19.068 | # |
| 19) | L4 AR-1242-4 | 0.000 | 6.567 | 0 | 10631554 | N.D. | 53.794 | # |
| 20) | L4 AR-1242-5 | 0.000 | 7.181 | 0 | 4764346 | N.D. | 16.043 | # |
| 21) | L5 AR-1248-1 | 7.189 | 6.251 | 18749174 | 9161128 | 61.432 | 46.891 | |
| 22) | L5 AR-1248-2 | 7.527 | 6.519 | 12605347 | 4069424 | 32.696 | 15.932 | # |
| 23) | L5 AR-1248-3 | 0.000 | 6.567 | 0 | 10631554 | N.D. | 40.792 | # |
| 25) | L5 AR-1248-5 | 0.000 | 7.227 | 0 | 3143399 | N.D. | 9.416 | # |
| 26) | L6 AR-1254-1 | 0.000 | 7.181 | 0 | 4764346 | N.D. | 13.179 | # |
| 27) | L6 AR-1254-2 | 0.000 | 7.350 | 0 | 3951135 | N.D. | 12.930 | # |
| 28) | L6 AR-1254-3 | 0.000 | 7.797 | 0 | 971945 | N.D. | 1.960 | # |
| 29) | L6 AR-1254-4 | 0.000 | 8.045 | 0 | 2162609 | N.D. | 6.346 | # |
| 30) | L6 AR-1254-5 | 0.000 | 8.492 | 0 | 3771352 | N.D. | 8.992 | # |
| 31) | L7 AR-1260-1 | 0.000 | 7.938 | 0 | 3791980 | N.D. | 11.160 | # |
| 32) | L7 AR-1260-2 | 9.196 | 8.141 | 12488330 | 4061800 | 16.661 | 9.134 | # |
| 35) | L7 AR-1260-5 | 0.000 | 9.055 | 0 | 3420586 | N.D. | 4.619 | # |
| 36) | L8 AR-1262-1 | 0.000 | 8.492 | 0 | 3771352 | N.D. | 6.940 | # |
| 37) | L8 AR-1262-2 | 0.000 | 9.055 | 0 | 3420586 | N.D. | 3.874 | # |

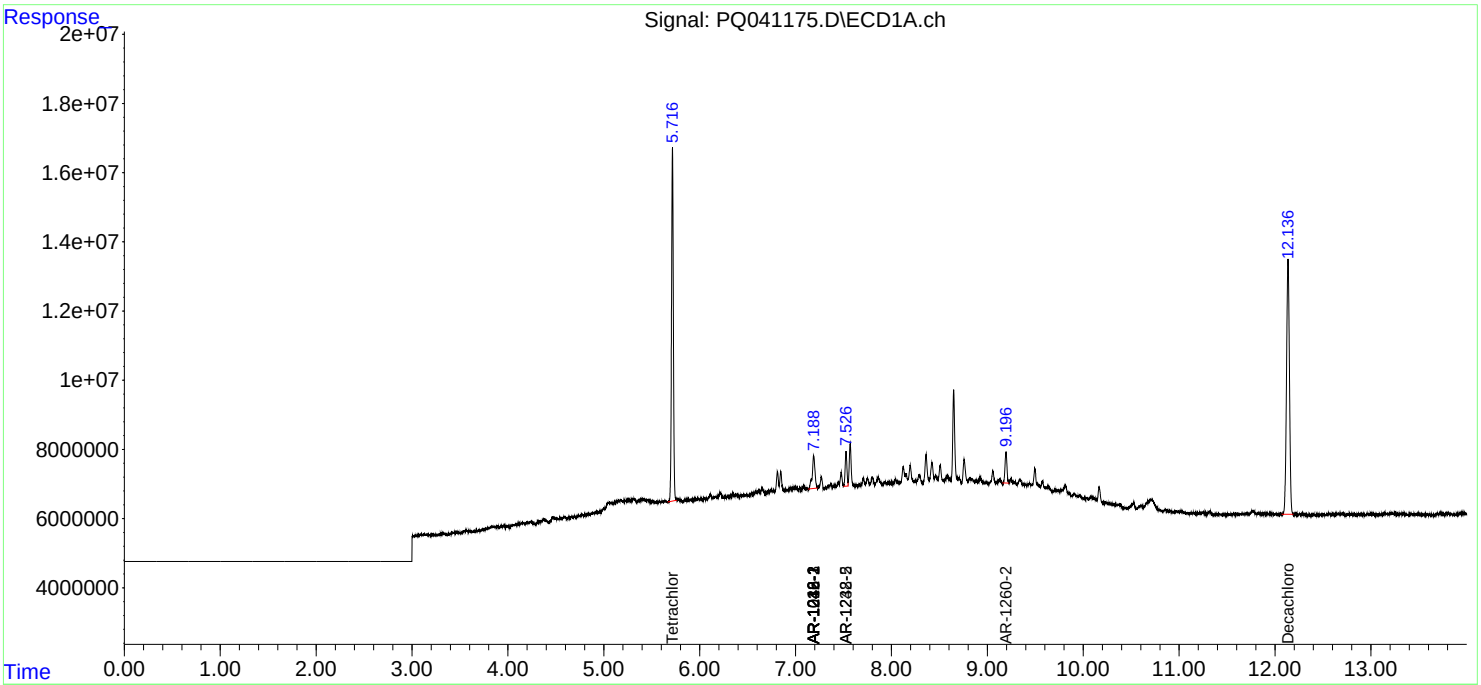
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

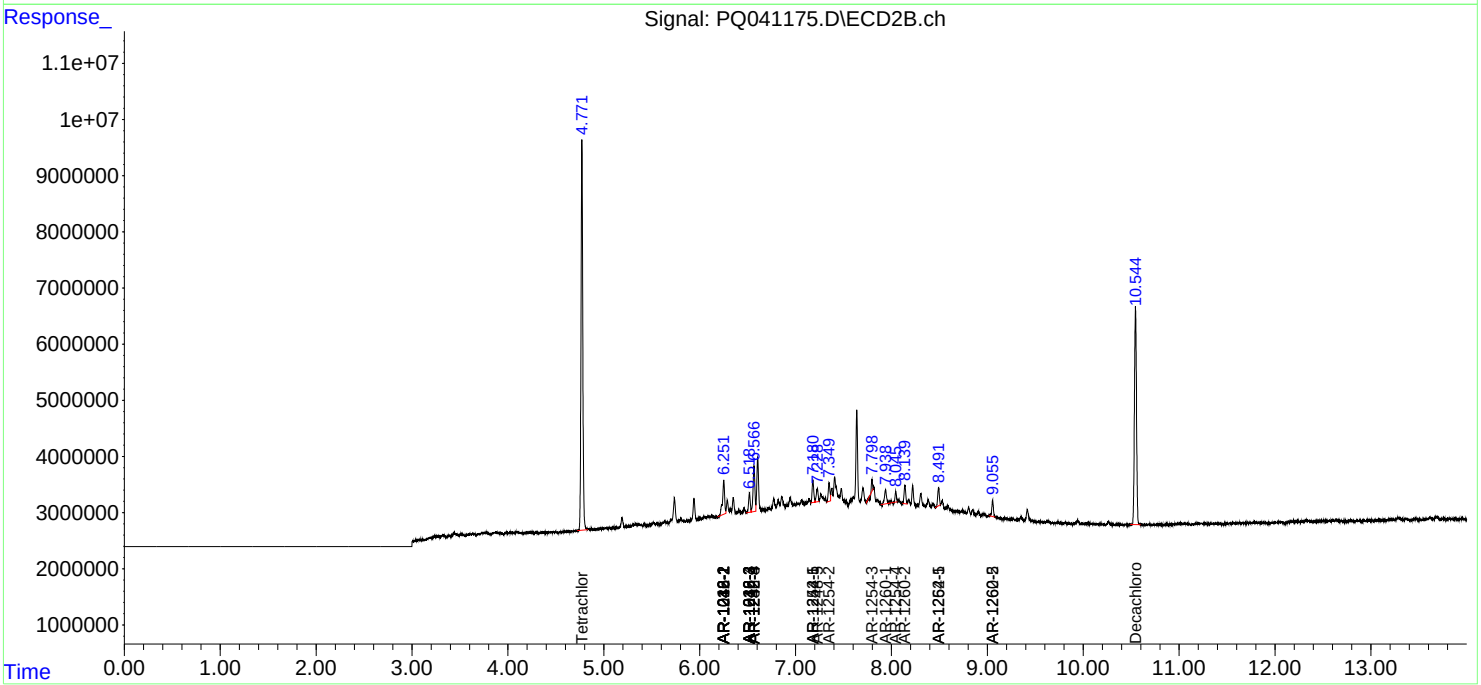
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071319\
Data File : PQ041175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2019 10:13
Operator : SM\AJ
Sample : K3783-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

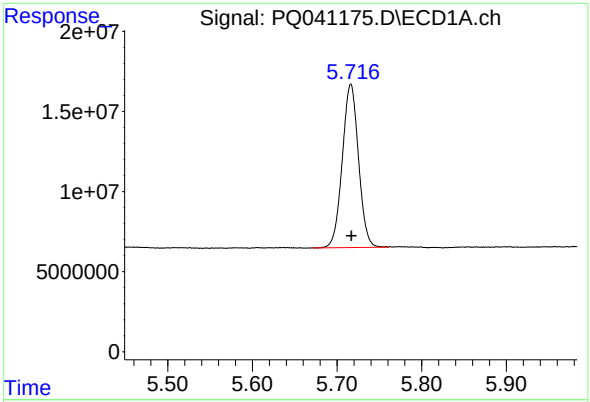
**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 02:16:41 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 13 02:14:45 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



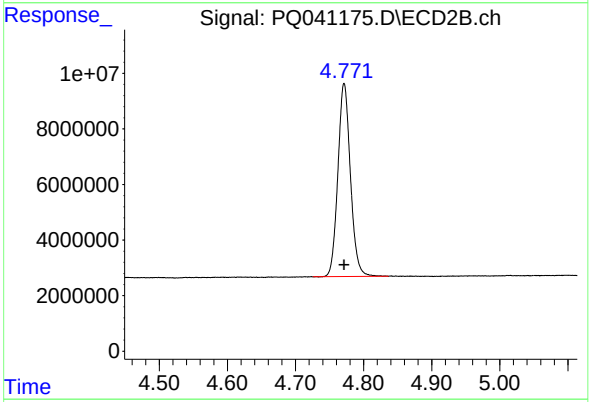






#1 Tetrachloro-m-xylene

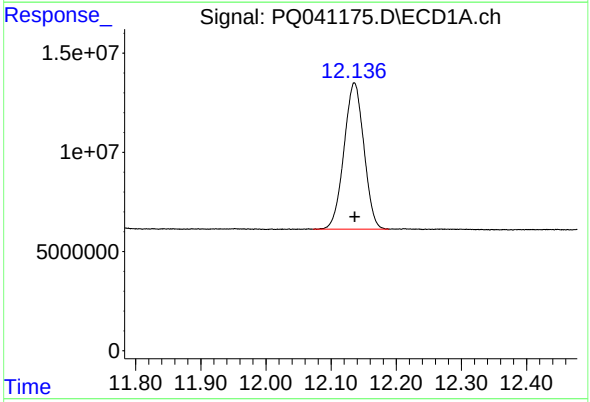
R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 135560912
Conc: 13.35 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



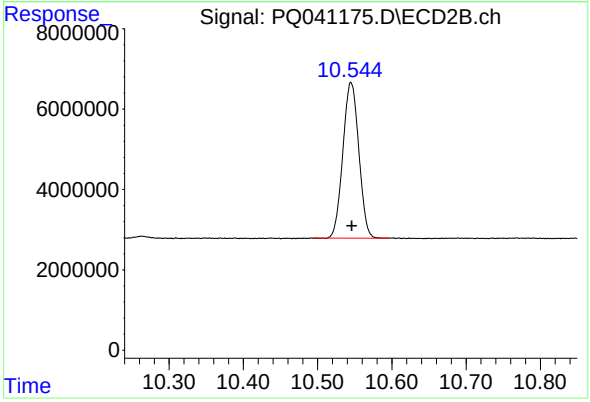

#1 Tetrachloro-m-xylene

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 89006169
Conc: 13.65 ng/ml



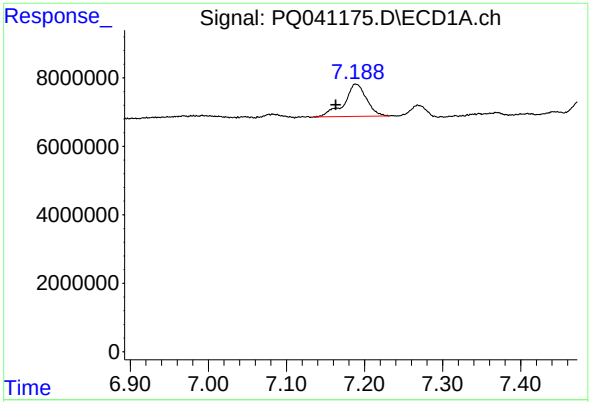

#2 Decachlorobiphenyl

R.T.: 12.136 min
Delta R.T.: 0.000 min
Response: 156470501
Conc: 12.18 ng/ml




#2 Decachlorobiphenyl

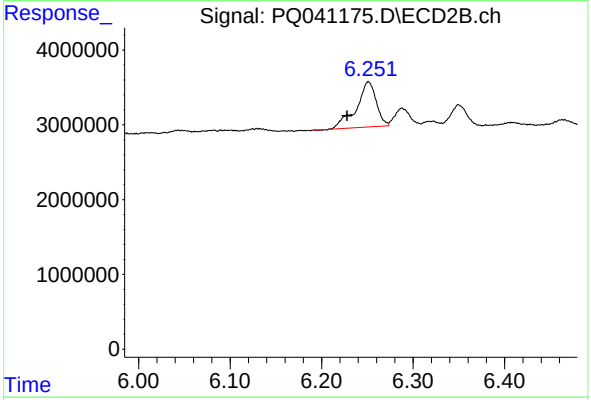
R.T.: 10.545 min
Delta R.T.: -0.001 min
Response: 57871681
Conc: 12.38 ng/ml




#3 AR-1016-1

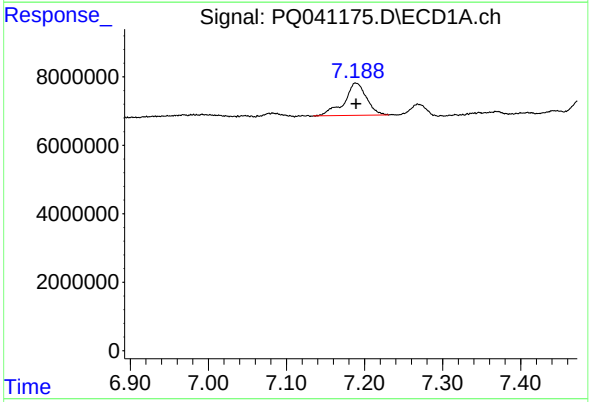
R.T.: 7.189 min
Delta R.T.: 0.025 min
Response: 18749174
Conc: 47.16 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



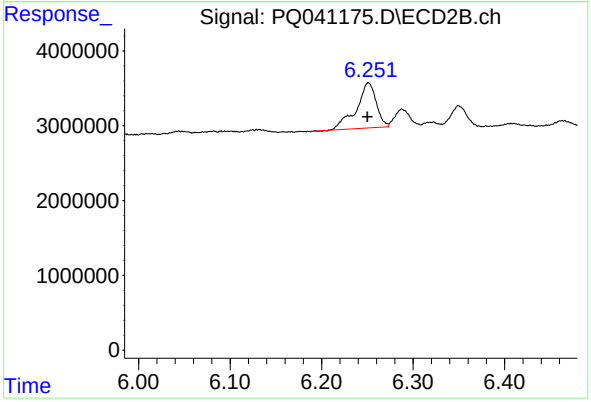

#3 AR-1016-1

R.T.: 6.251 min
Delta R.T.: 0.023 min
Response: 9161128
Conc: 36.51 ng/ml



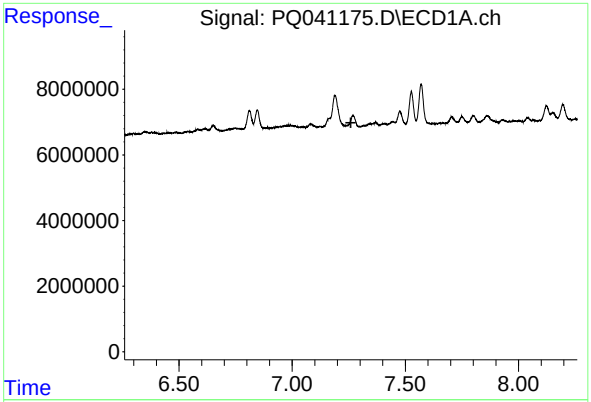

#4 AR-1016-2

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 18749174
Conc: 32.34 ng/ml




#4 AR-1016-2

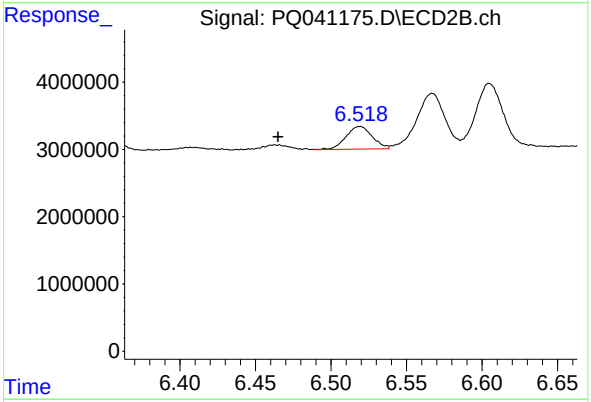
R.T.: 6.251 min
Delta R.T.: 0.001 min
Response: 9161128
Conc: 25.70 ng/ml




#5 AR-1016-3

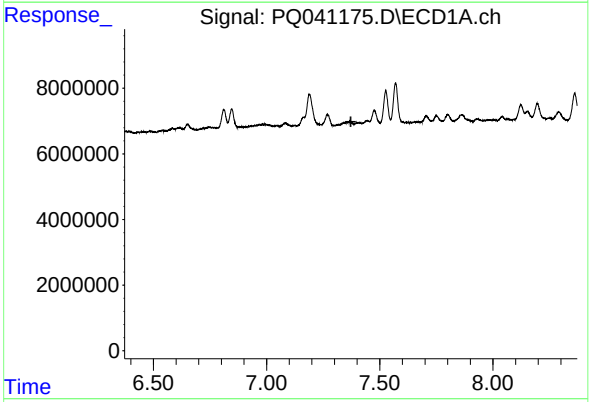
R.T.: 0.000 min
Exp R.T. : 7.259 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



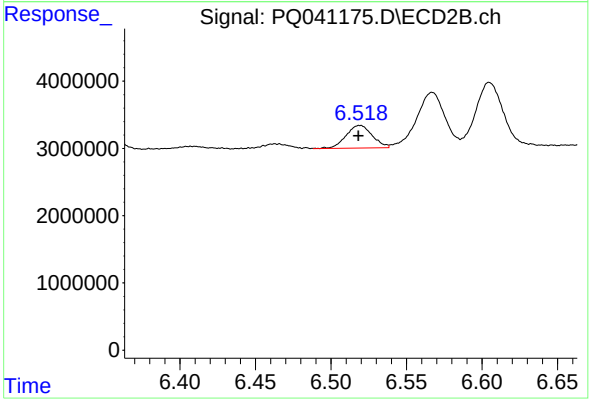

#5 AR-1016-3

R.T.: 6.519 min
Delta R.T.: 0.054 min
Response: 4069424
Conc: 21.90 ng/ml



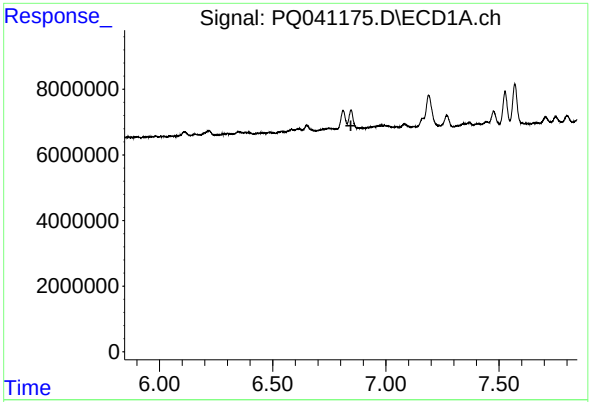

#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.372 min
Response: 0
Conc: N.D.




#6 AR-1016-4

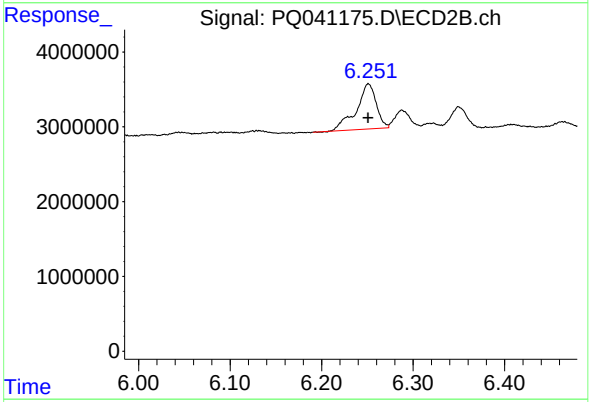
R.T.: 6.519 min
Delta R.T.: 0.001 min
Response: 4069424
Conc: 26.70 ng/ml




#12 AR-1232-2

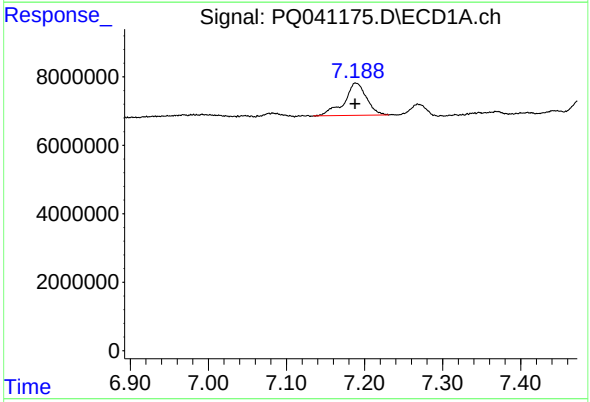
R.T.: 0.000 min
Exp R.T. : 6.846 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



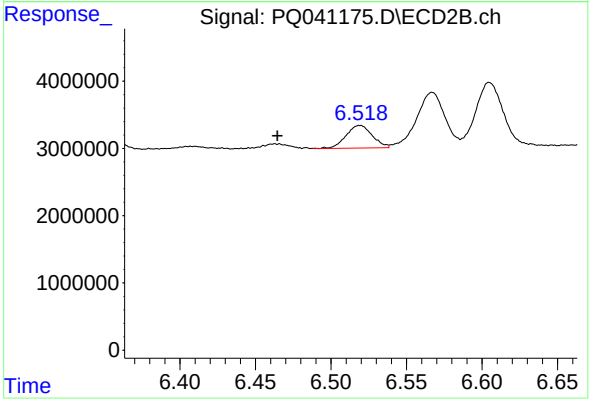

#12 AR-1232-2

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 9161128
Conc: 62.93 ng/ml



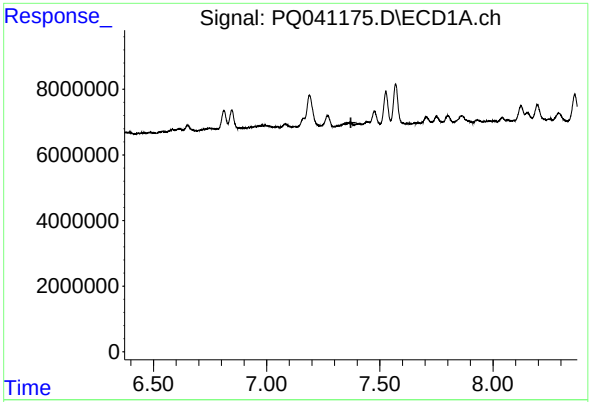

#13 AR-1232-3

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 18749174
Conc: 81.18 ng/ml




#13 AR-1232-3

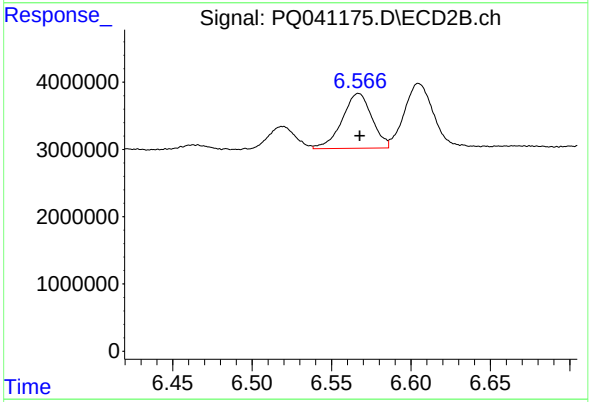
R.T.: 6.519 min
Delta R.T.: 0.055 min
Response: 4069424
Conc: 54.66 ng/ml




#14 AR-1232-4

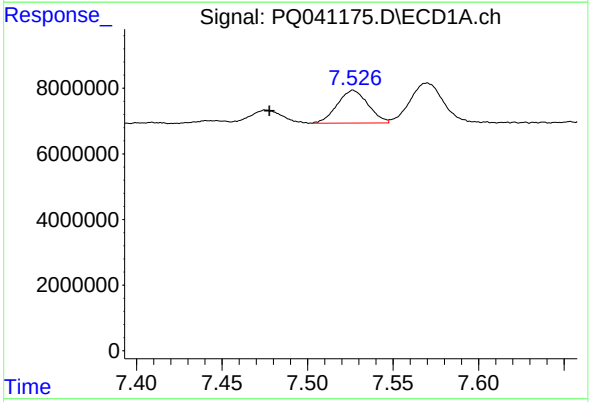
R.T.: 0.000 min
Exp R.T. : 7.372 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



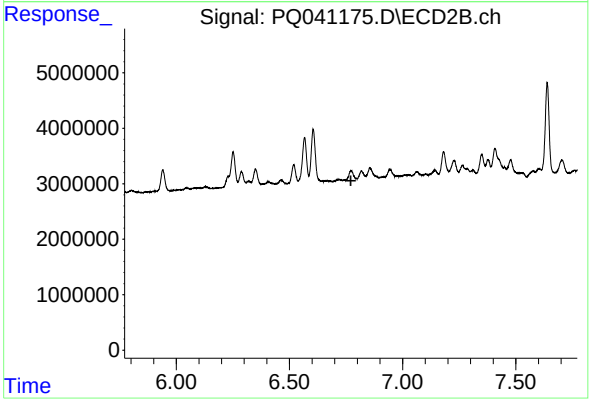

#14 AR-1232-4

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 10631554
Conc: 167.43 ng/ml



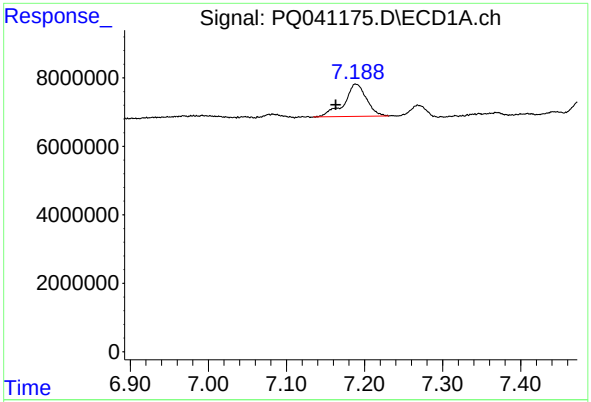

#15 AR-1232-5

R.T.: 7.527 min
Delta R.T.: 0.049 min
Response: 12605347
Conc: 174.23 ng/ml




#15 AR-1232-5

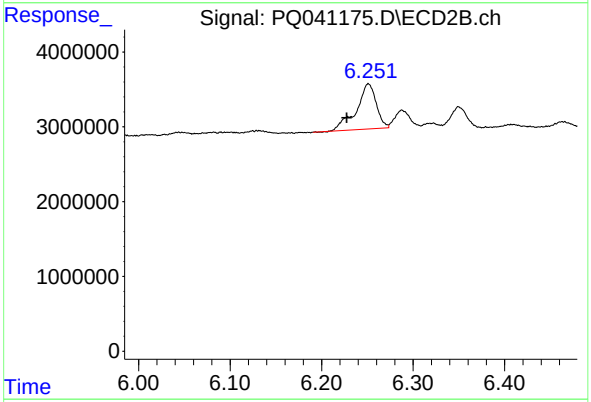
R.T.: 0.000 min
Exp R.T. : 6.772 min
Response: 0
Conc: N.D.




#16 AR-1242-1

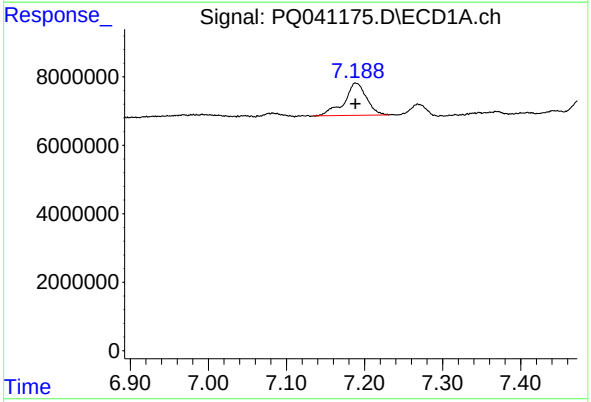
R.T.: 7.189 min
Delta R.T.: 0.025 min
Response: 18749174
Conc: 42.13 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



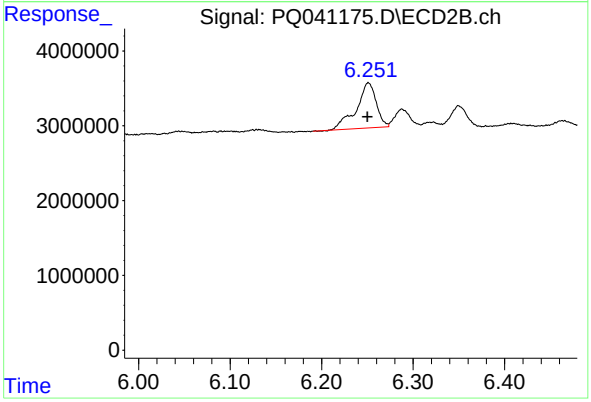

#16 AR-1242-1

R.T.: 6.251 min
Delta R.T.: 0.024 min
Response: 9161128
Conc: 31.85 ng/ml



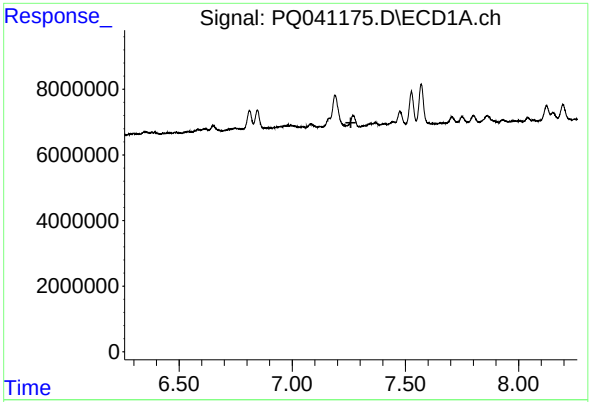

#17 AR-1242-2

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 18749174
Conc: 28.37 ng/ml




#17 AR-1242-2

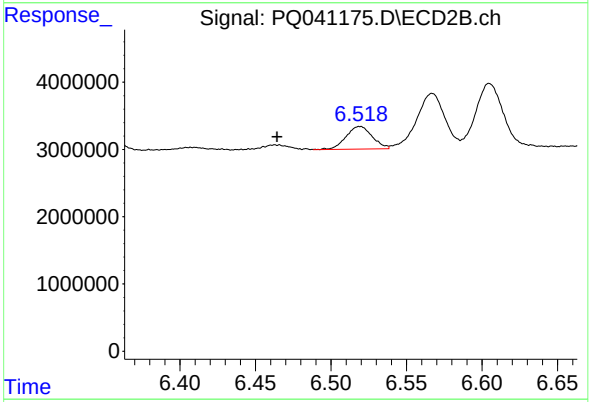
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 9161128
Conc: 22.09 ng/ml




#18 AR-1242-3

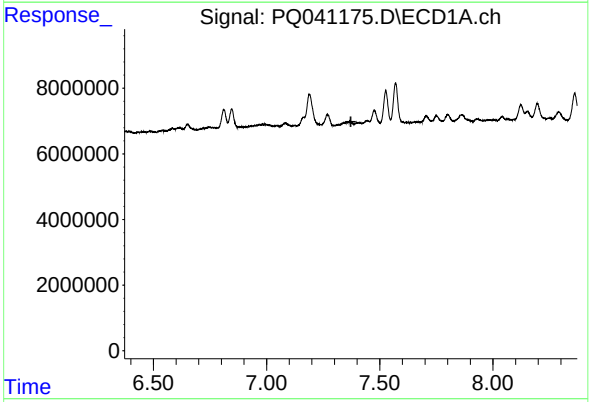
R.T.: 0.000 min
Exp R.T. : 7.259 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



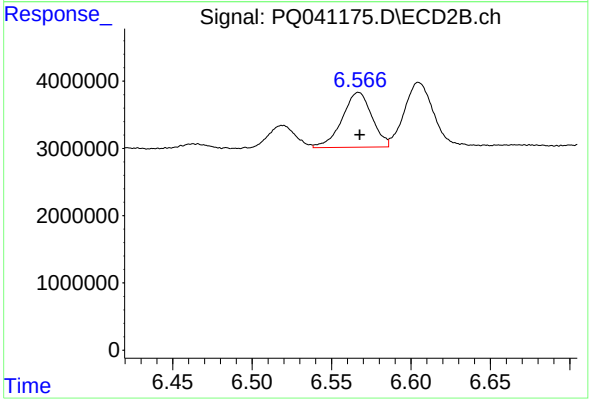

#18 AR-1242-3

R.T.: 6.519 min
Delta R.T.: 0.055 min
Response: 4069424
Conc: 19.07 ng/ml



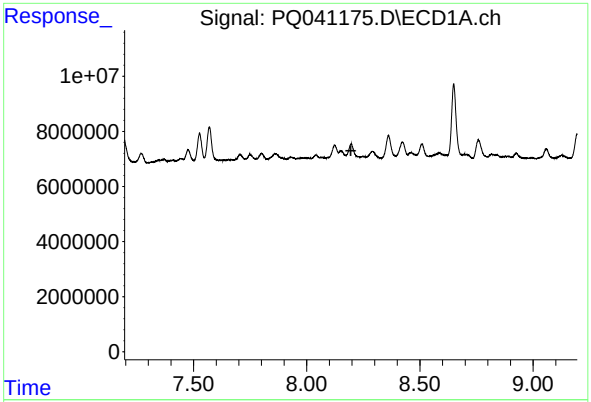

#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 7.373 min
Response: 0
Conc: N.D.




#19 AR-1242-4

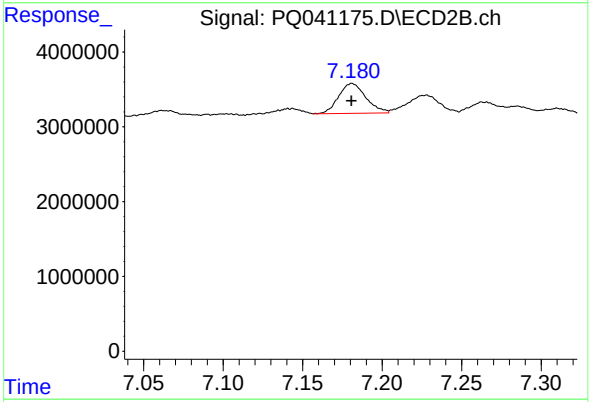
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 10631554
Conc: 53.79 ng/ml




#20 AR-1242-5

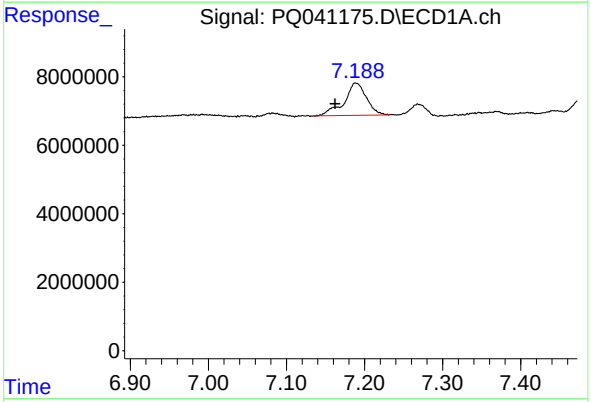
R.T.: 0.000 min
Exp R.T. : 8.195 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



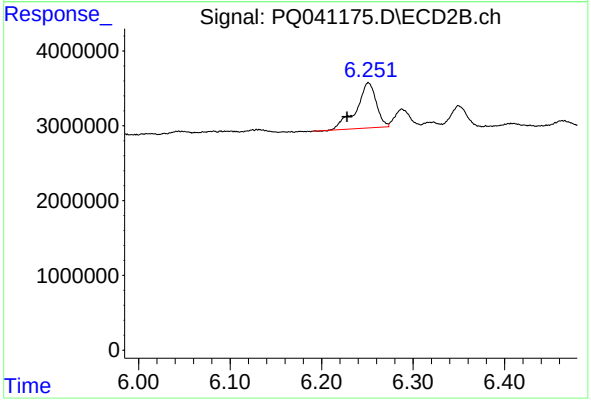

#20 AR-1242-5

R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 4764346
Conc: 16.04 ng/ml



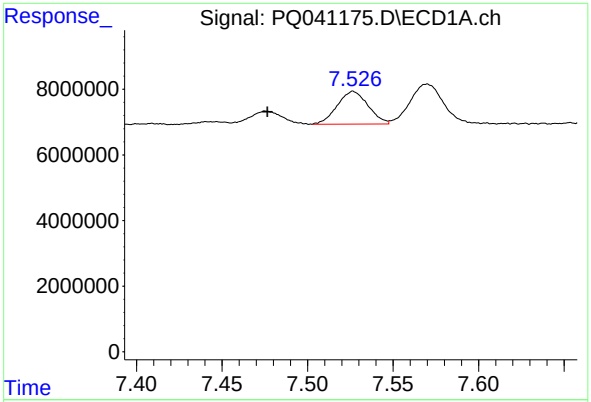

#21 AR-1248-1

R.T.: 7.189 min
Delta R.T.: 0.027 min
Response: 18749174
Conc: 61.43 ng/ml




#21 AR-1248-1

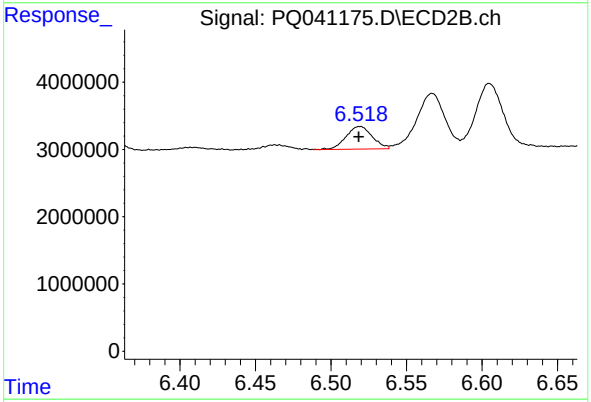
R.T.: 6.251 min
Delta R.T.: 0.023 min
Response: 9161128
Conc: 46.89 ng/ml




#22 AR-1248-2

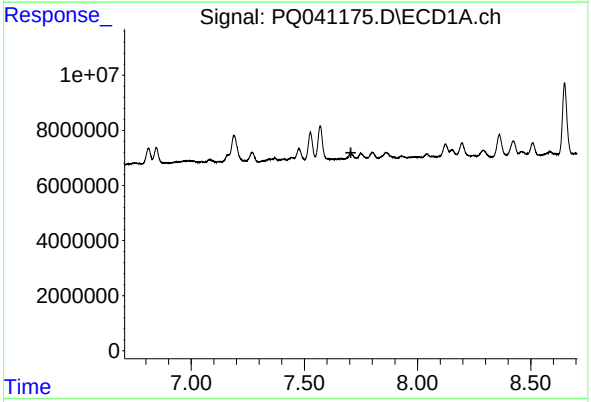
R.T.: 7.527 min
Delta R.T.: 0.050 min
Response: 12605347
Conc: 32.70 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



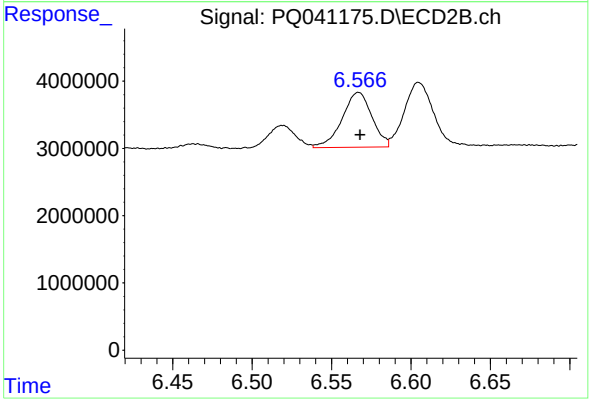

#22 AR-1248-2

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 4069424
Conc: 15.93 ng/ml



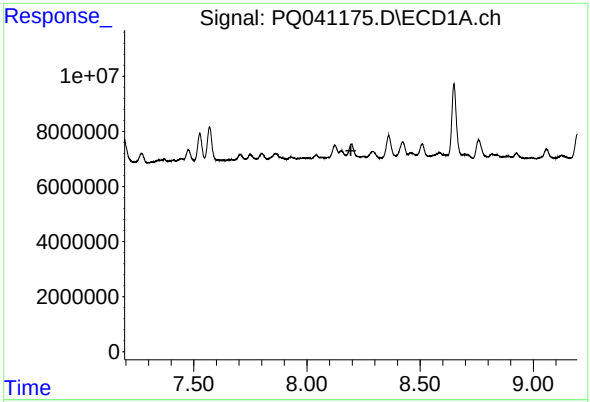

#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 7.705 min
Response: 0
Conc: N.D.




#23 AR-1248-3

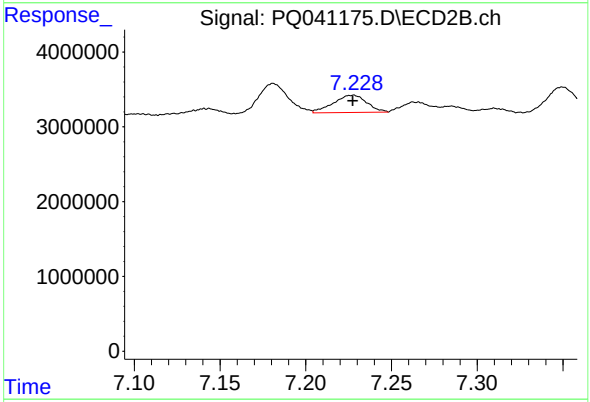
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 10631554
Conc: 40.79 ng/ml




#25 AR-1248-5

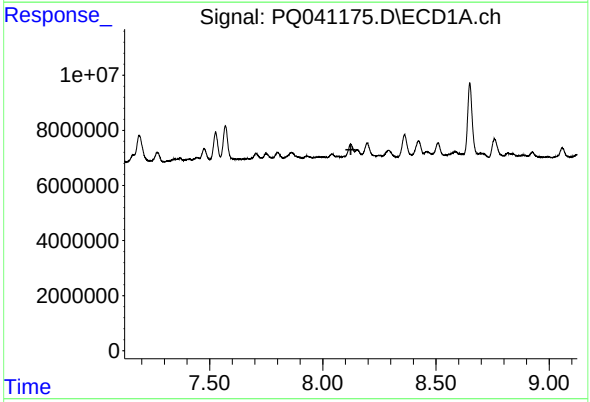
R.T.: 0.000 min
Exp R.T. : 8.194 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



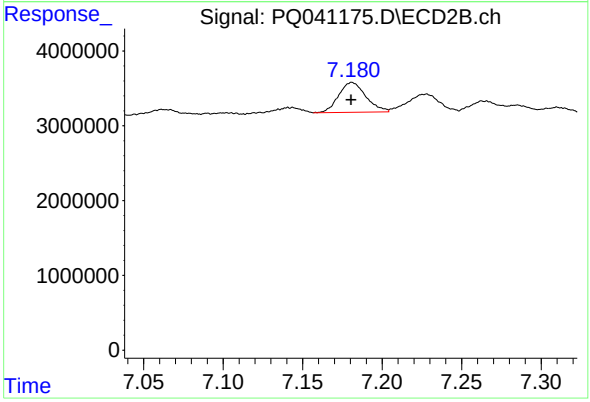

#25 AR-1248-5

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 3143399
Conc: 9.42 ng/ml



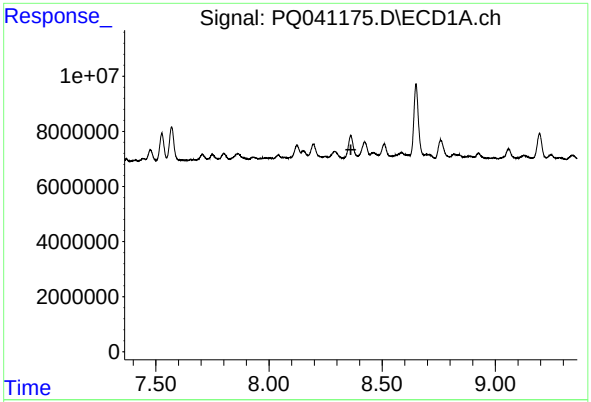

#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.




#26 AR-1254-1

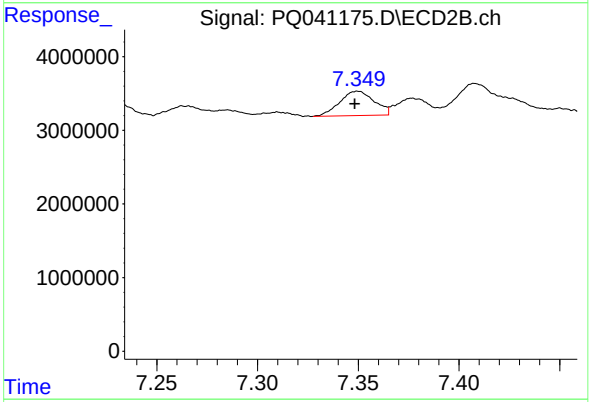
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 4764346
Conc: 13.18 ng/ml




#27 AR-1254-2

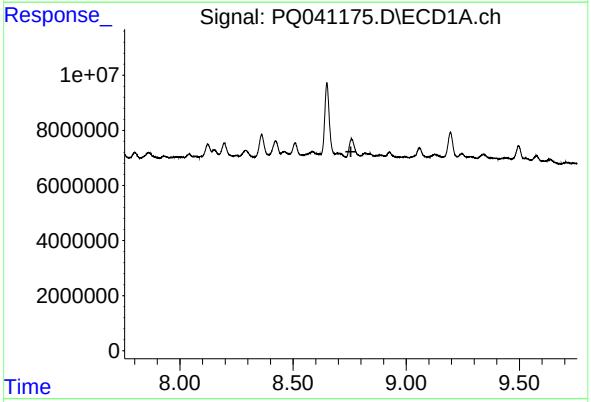
R.T.: 0.000 min
Exp R.T. : 8.362 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



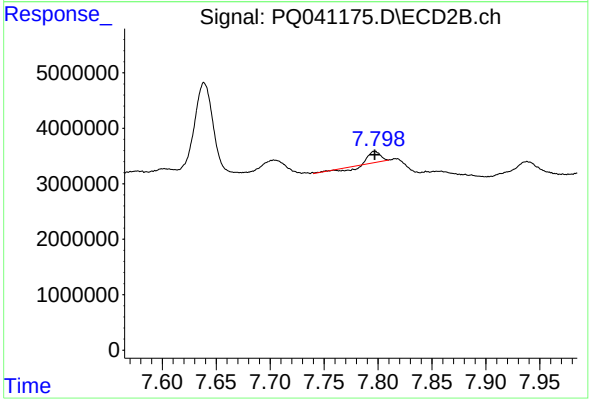

#27 AR-1254-2

R.T.: 7.350 min
Delta R.T.: 0.001 min
Response: 3951135
Conc: 12.93 ng/ml



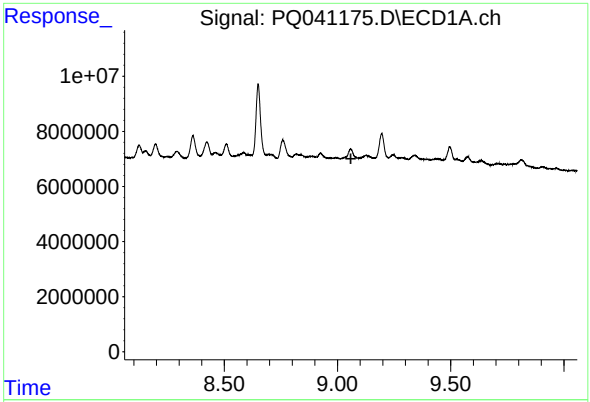

#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.755 min
Response: 0
Conc: N.D.




#28 AR-1254-3

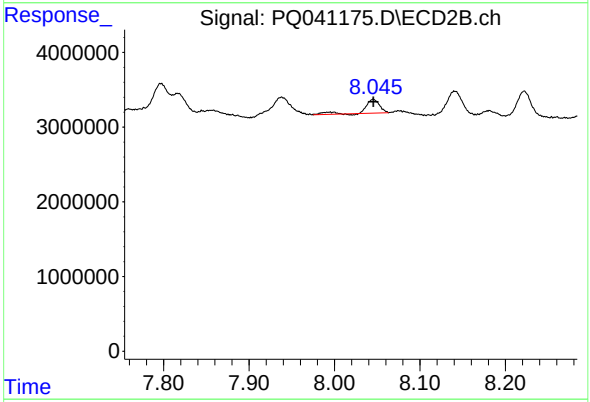
R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 971945
Conc: 1.96 ng/ml




#29 AR-1254-4

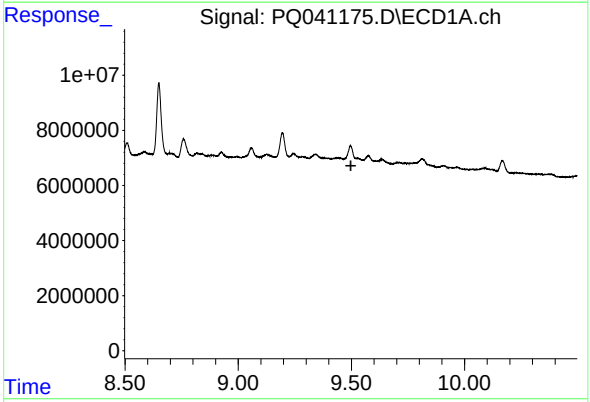
R.T.: 0.000 min
Exp R.T. : 9.059 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



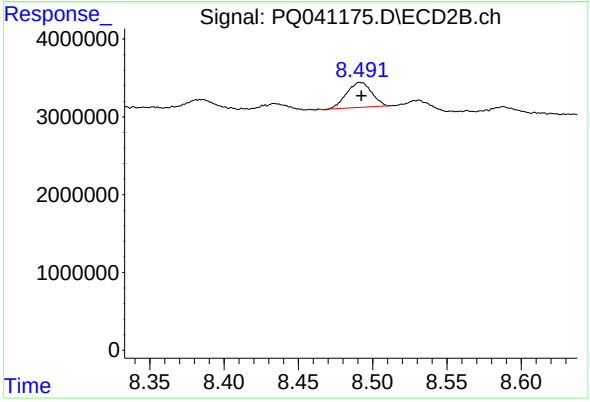

#29 AR-1254-4

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 2162609
Conc: 6.35 ng/ml



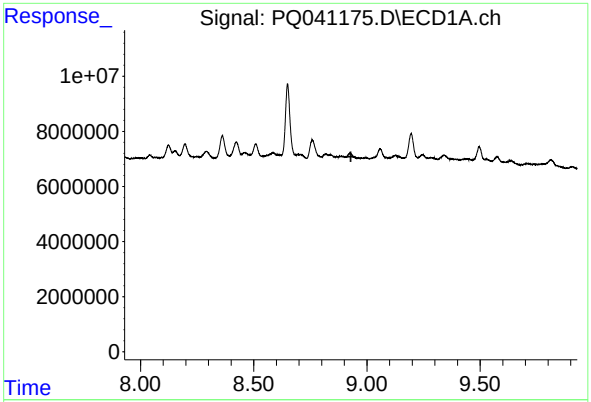

#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.498 min
Response: 0
Conc: N.D.




#30 AR-1254-5

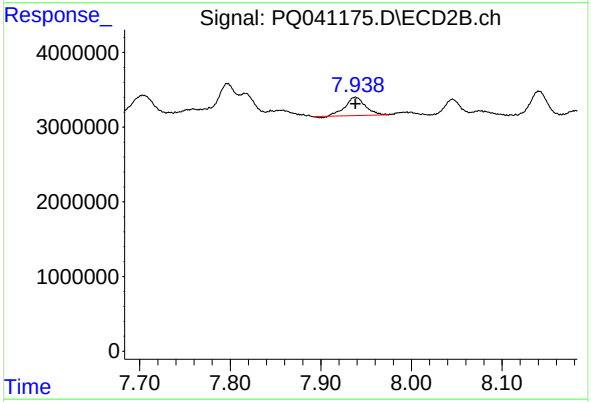
R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 3771352
Conc: 8.99 ng/ml




#31 AR-1260-1

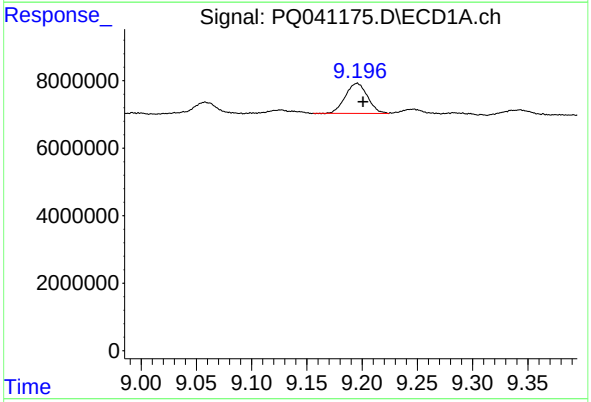
R.T.: 0.000 min
Exp R.T. : 8.929 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



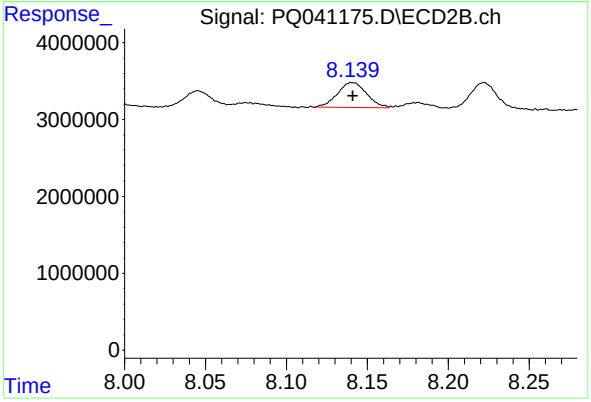

#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 3791980
Conc: 11.16 ng/ml



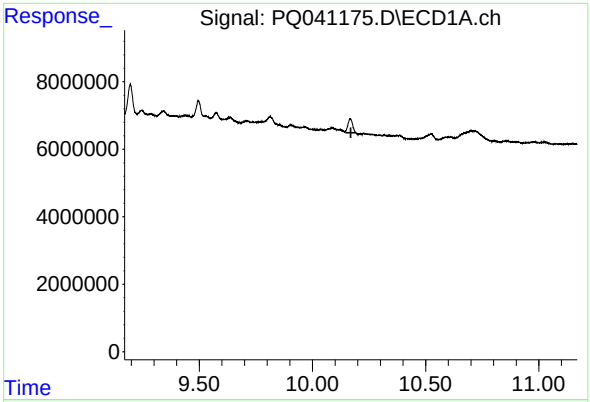

#32 AR-1260-2

R.T.: 9.196 min
Delta R.T.: -0.005 min
Response: 12488330
Conc: 16.66 ng/ml




#32 AR-1260-2

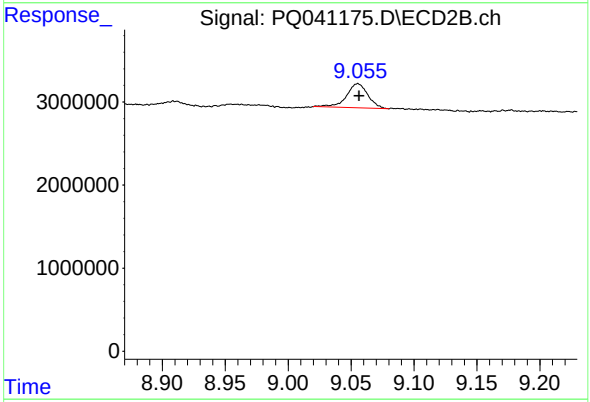
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 4061800
Conc: 9.13 ng/ml




#35 AR-1260-5

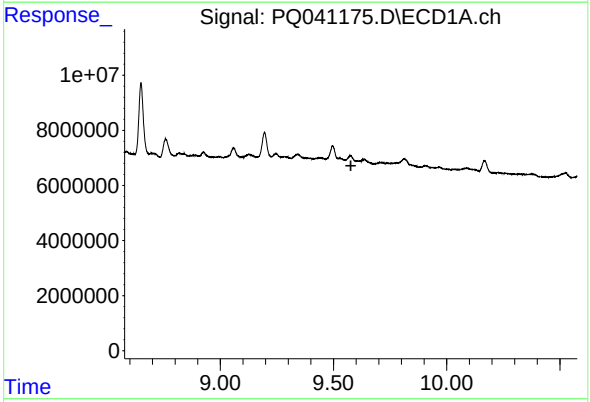
R.T.: 0.000 min
Exp R.T. : 10.170 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711



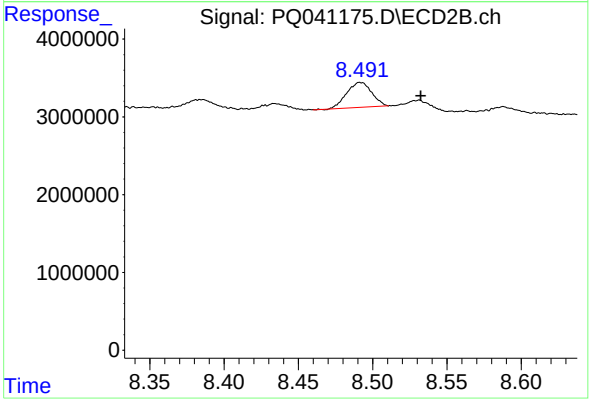

#35 AR-1260-5

R.T.: 9.055 min
Delta R.T.: -0.001 min
Response: 3420586
Conc: 4.62 ng/ml



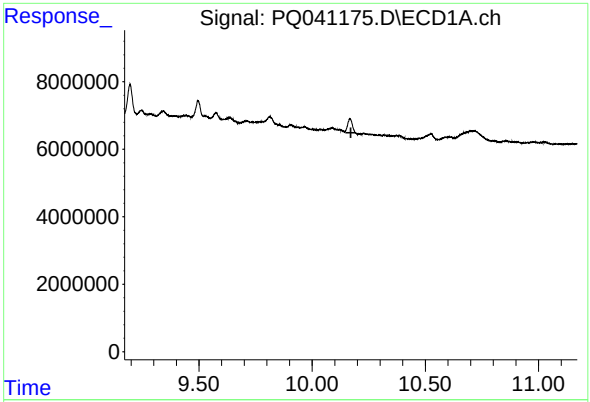

#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.577 min
Response: 0
Conc: N.D.




#36 AR-1262-1

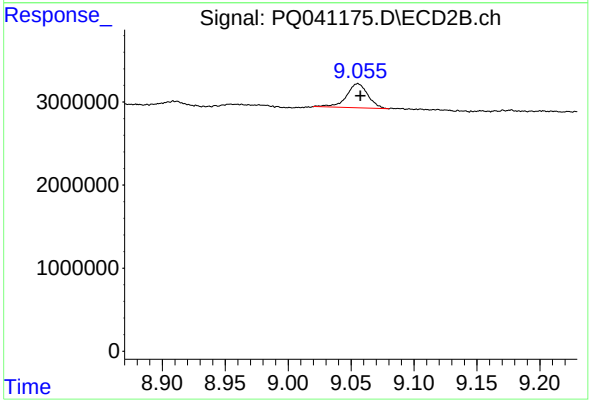
R.T.: 8.492 min
Delta R.T.: -0.041 min
Response: 3771352
Conc: 6.94 ng/ml




#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 10.171 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_Q
**ClientSampleId :**
KY030LC015-SD-190711




#37 AR-1262-2

R.T.: 9.055 min
Delta R.T.: -0.002 min
Response: 3420586
Conc: 3.87 ng/ml