Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122718\
Data File : PQ036034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2018 10:43
Operator : SM\SJ
Sample : J6447-02RE
Misc :
ALS Vial : 143 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 03:51:26 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Dec 24 12:28:48 2018
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... | 4.414 | 3.735 | 88387440 | 55237740 | 22.590 | 24.722 | |
| 2) | SA Decachlor... | 10.188 | 8.706 | 2157519 | 31078468 | 0.732 | 17.584 | # |
| | Target Compounds | | | | | | | |
| 5) | L1 AR-1016-3 | 0.000 | 5.045 | 0 | 2037285 | N.D. | 34.885 | # |
| 6) | L1 AR-1016-4 | 5.846 | 5.045 | 1962057 | 2037285 | 20.604 | 43.327 | # |
| 10) | L2 AR-1221-3 | 0.000 | 4.174 | 0 | 5261350 | N.D. | 108.301 | # |
| 11) | L3 AR-1232-1 | 0.000 | 4.174 | 0 | 5261350 | N.D. | 119.491 | # |
| 13) | L3 AR-1232-3 | 0.000 | 5.045 | 0 | 2037285 | N.D. | 79.732 | # |
| 14) | L3 AR-1232-4 | 5.846 | 5.085 | 1962057 | 878065 | 48.999 | 38.484 | |
| 15) | L3 AR-1232-5 | 5.891 | 0.000 | 1112654 | 0 | 35.134 | N.D. | # |
| 18) | L4 AR-1242-3 | 0.000 | 5.045 | 0 | 2037285 | N.D. | 45.237 | # |
| 19) | L4 AR-1242-4 | 5.846 | 5.085 | 1962057 | 878065 | 28.362 | 19.829 | # |
| 20) | L4 AR-1242-5 | 6.494 | 5.606 | 2239078 | 8264597 | 28.540 | 149.749 | # |
| 22) | L5 AR-1248-2 | 5.891 | 5.045 | 1112654 | 2037285 | 11.739 | 37.537 | # |
| 23) | L5 AR-1248-3 | 0.000 | 5.085 | 0 | 878065 | N.D. | 15.735 | # |
| 24) | L5 AR-1248-4 | 6.494 | 0.000 | 2239078 | 0 | 18.182 | N.D. | # |
| 25) | L5 AR-1248-5 | 6.494 | 5.695 | 2239078 | 2940548 | 19.139 | 41.720 | # |
| 26) | L6 AR-1254-1 | 6.454 | 5.606 | 2181518 | 8264597 | 14.330 | 61.959 | # |
| 27) | L6 AR-1254-2 | 6.693 | 5.751 | 2747459 | 13401968 | 11.612 | 115.985 | # |
| 28) | L6 AR-1254-3 | 7.066 | 6.164 | 43290967 | 30618155 | 168.607 | 158.595 | |
| 29) | L6 AR-1254-4 | 7.357 | 6.406 | 15530699 | 15477009 | 85.656 | 128.607 | # |
| 30) | L6 AR-1254-5 | 7.747 | 6.828 | 12249095 | 53263598 | 62.447 | 327.047 | # |
| 31) | L7 AR-1260-1 | 7.171 | 6.280 | 77557377 | 52435085 | 420.589 | 416.855 | |
| 32) | L7 AR-1260-2 | 7.428 | 6.467 | 116.1E6 | 74997987 | 534.244 | 496.632 | |
| 33) | L7 AR-1260-3 | 7.785 | 6.620 | 78142228 | 57183980 | 583.316 | 409.233 | # |
| 34) | L7 AR-1260-4 | 8.013 | 7.087 | 89041907 | 47797664 | 540.268 | 514.752 | |
| 35) | L7 AR-1260-5 | 8.332 | 7.330 | 183.9E6 | 121.5E6 | 616.671 | 541.231 | |
| 36) | L8 AR-1262-1 | 7.844 | 6.828 | 42356281 | 53263598 | 193.341 | 347.066 | # |
| 37) | L8 AR-1262-2 | 8.382 | 7.330 | 8524203 | 121.5E6 | 22.628 | 455.109 | # |
| 38) | L8 AR-1262-3 | 8.659 | 7.605 | 118.9E6 | 32244006 | 494.580 | 310.687 | # |
| 39) | L8 AR-1262-4 | 8.800 | 7.674 | 4466296 | 81436073 | 24.721 | 439.615 | # |
| 40) | L8 AR-1262-5 | 9.464 | 0.000 | 3062842 | 0 | 26.895 | N.D. | # |
| 41) | L9 AR-1268-1 | 8.659 | 7.605 | 118.9E6 | 32244006 | 246.413 | 96.695 | # |
| 42) | L9 AR-1268-2 | 8.800 | 7.674 | 4466296 | 81436073 | 10.352 | 274.791 | # |
| 43) | L9 AR-1268-3 | 9.052 | 7.931 | 4758720 | 1714556 | 12.592 | 7.015 | # |
| 44) | L9 AR-1268-4 | 9.464 | 0.000 | 3062842 | 0 | 22.342 | N.D. | # |
| 45) | L9 AR-1268-5 | 9.772 | 8.459 | 9606982 | 2299968 | 8.299 | 3.149 | # |

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

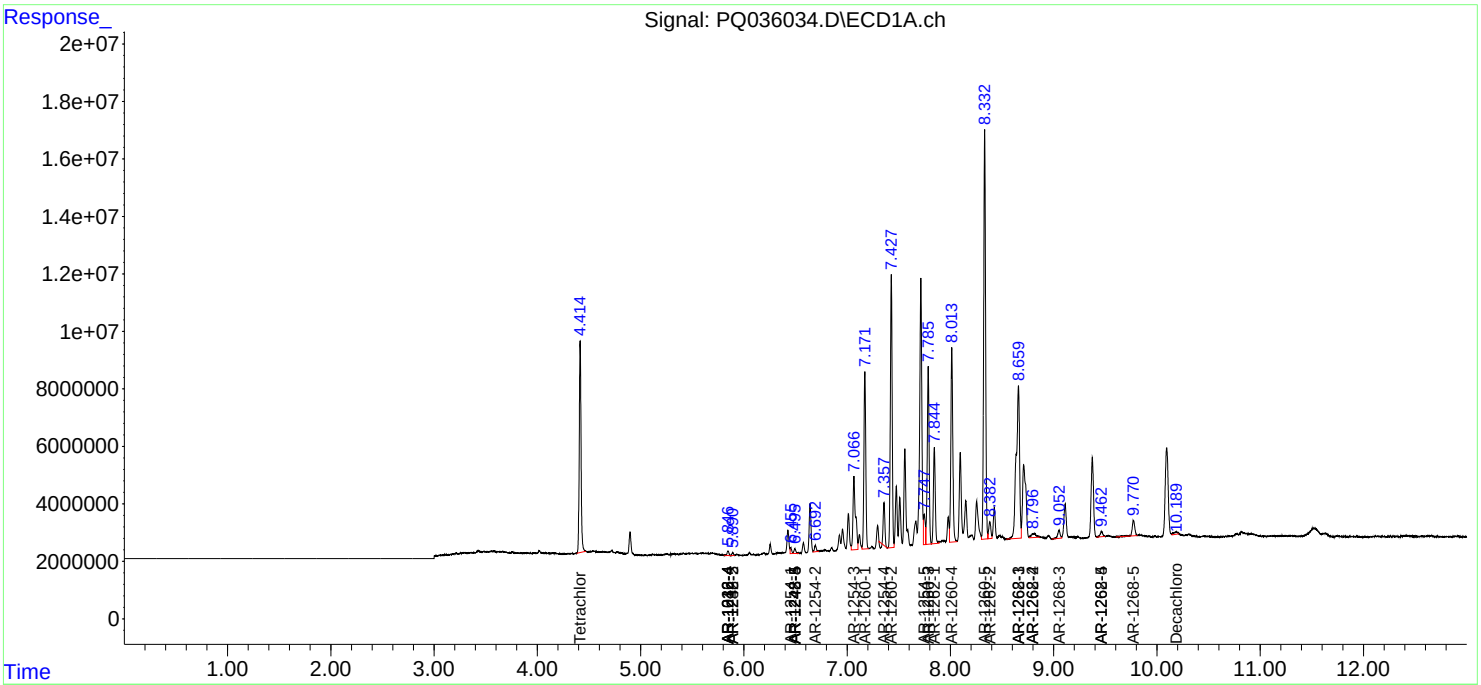
Quantitation Report (Not Reviewed)

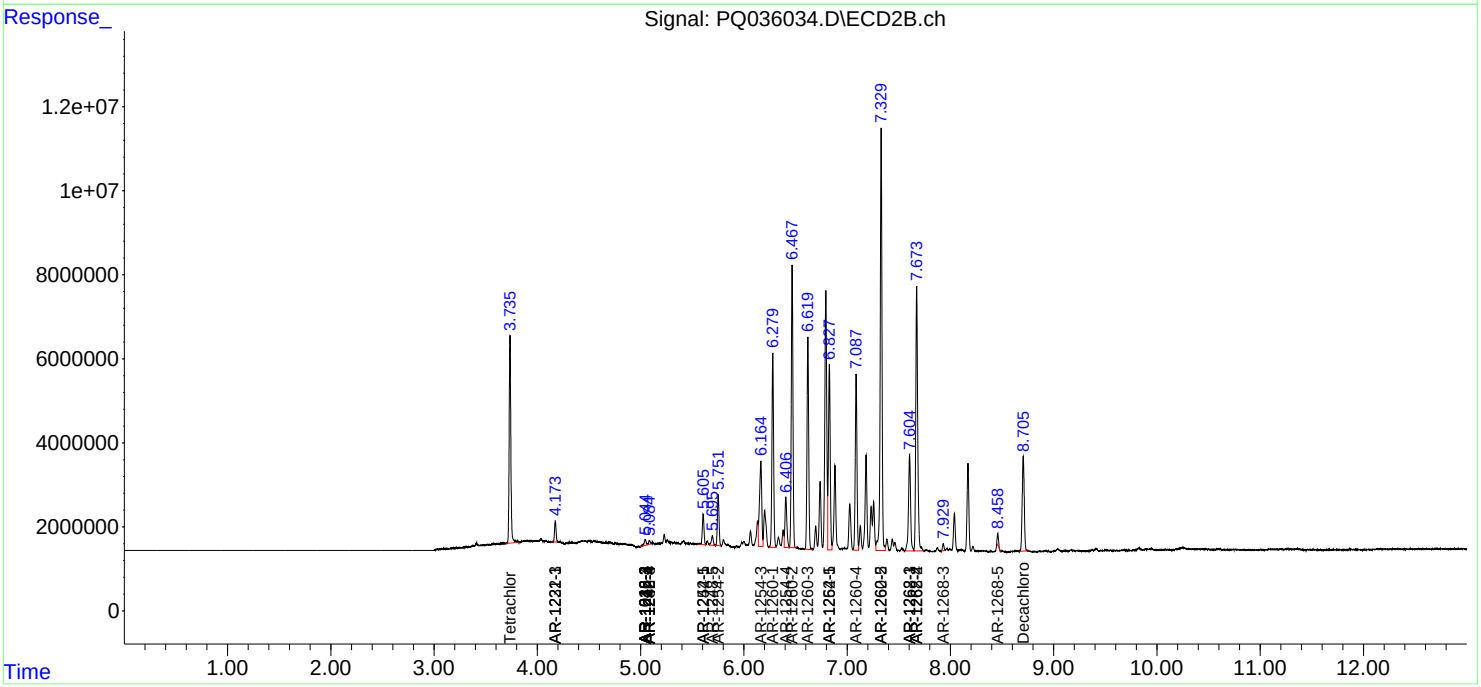
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122718\
Data File : PQ036034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2018 10:43
Operator : SM\SJ
Sample : J6447-02RE
Misc :
ALS Vial : 143 Sample Multiplier: 1

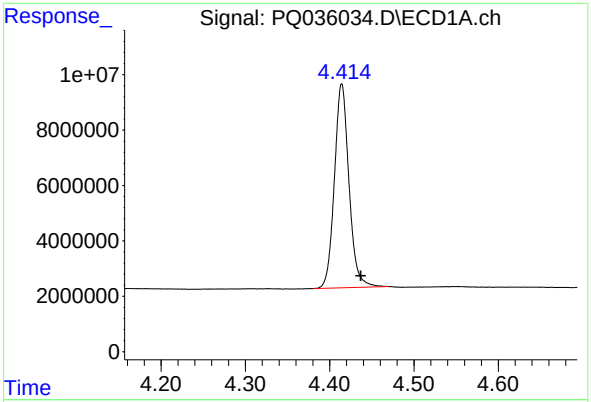
**Instrument :**
ECD_Q
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 03:51:26 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Dec 24 12:28:48 2018
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



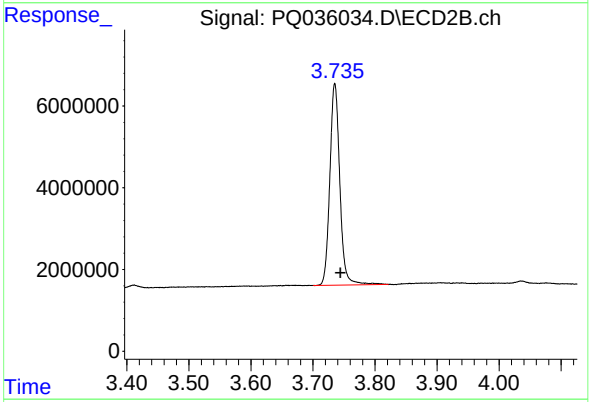






#1 Tetrachloro-m-xylene

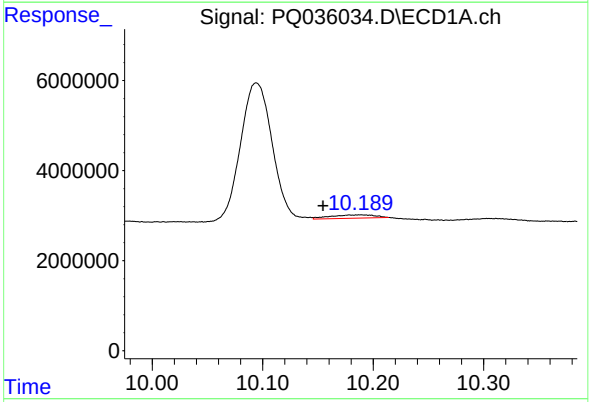
R.T.: 4.414 min
Delta R.T.: -0.023 min
Response: 88387440
Conc: 22.59 ng/ml

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



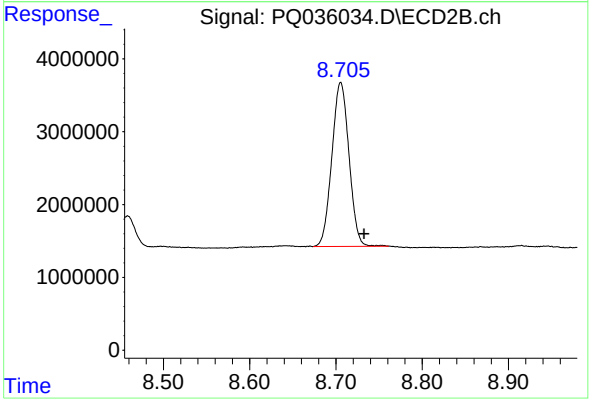

#1 Tetrachloro-m-xylene

R.T.: 3.735 min
Delta R.T.: -0.009 min
Response: 55237740
Conc: 24.72 ng/ml



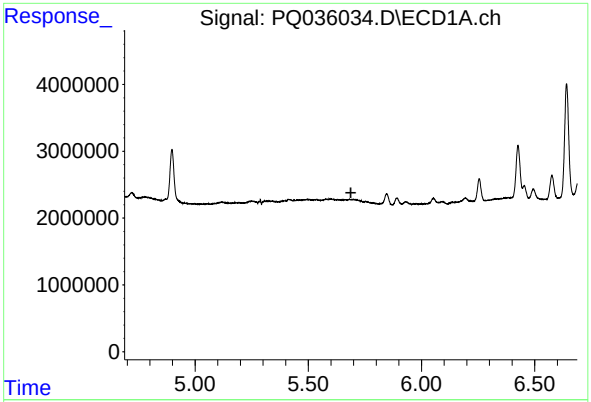

#2 Decachlorobiphenyl

R.T.: 10.188 min
Delta R.T.: 0.034 min
Response: 2157519
Conc: 0.73 ng/ml




#2 Decachlorobiphenyl

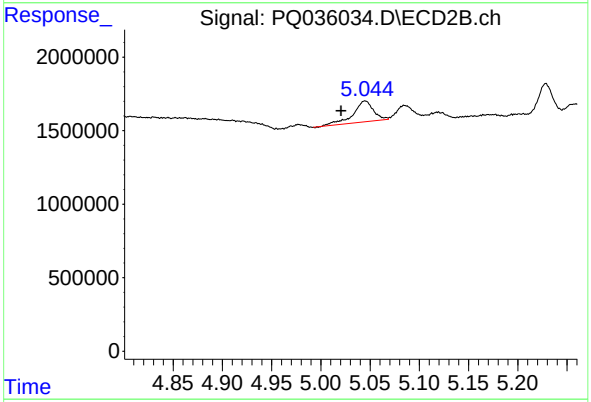
R.T.: 8.706 min
Delta R.T.: -0.027 min
Response: 31078468
Conc: 17.58 ng/ml




#5 AR-1016-3

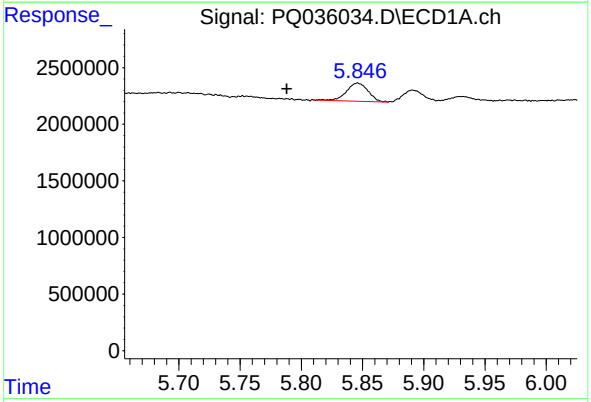
R.T.: 0.000 min
Exp R.T. : 5.688 min
Response: 0
Conc: N.D.

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



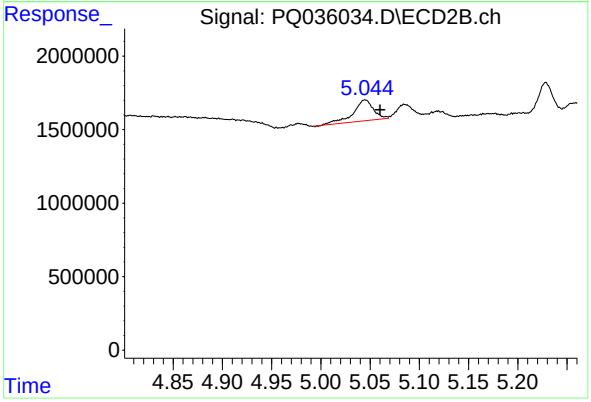

#5 AR-1016-3

R.T.: 5.045 min
Delta R.T.: 0.025 min
Response: 2037285
Conc: 34.89 ng/ml



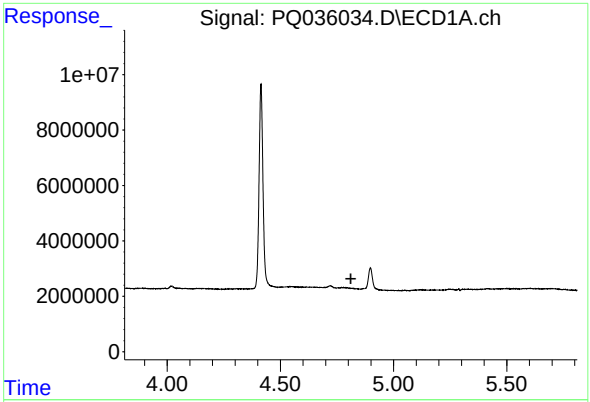

#6 AR-1016-4

R.T.: 5.846 min
Delta R.T.: 0.058 min
Response: 1962057
Conc: 20.60 ng/ml




#6 AR-1016-4

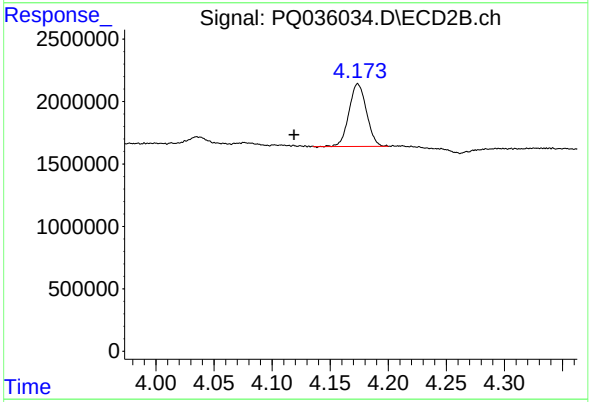
R.T.: 5.045 min
Delta R.T.: -0.015 min
Response: 2037285
Conc: 43.33 ng/ml




#10 AR-1221-3

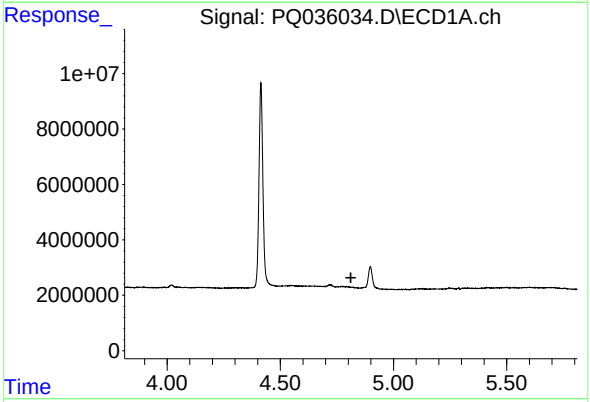
R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.

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



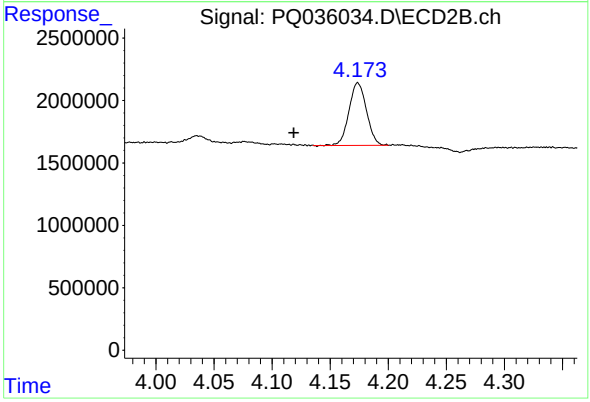

#10 AR-1221-3

R.T.: 4.174 min
Delta R.T.: 0.055 min
Response: 5261350
Conc: 108.30 ng/ml



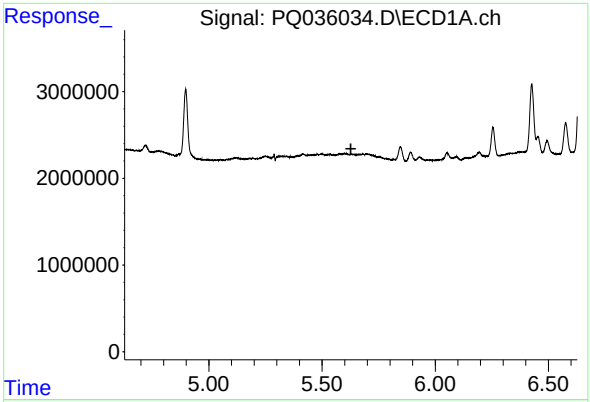

#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.




#11 AR-1232-1

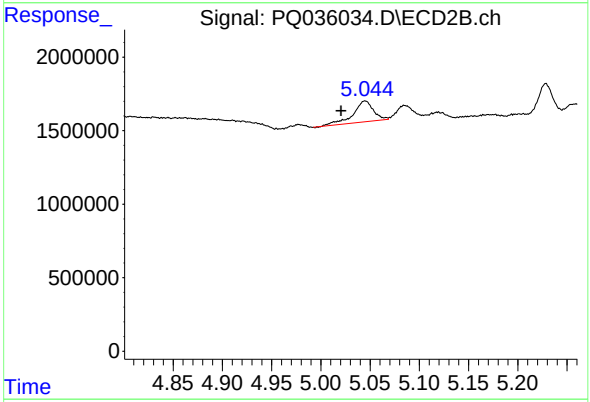
R.T.: 4.174 min
Delta R.T.: 0.055 min
Response: 5261350
Conc: 119.49 ng/ml




#13 AR-1232-3

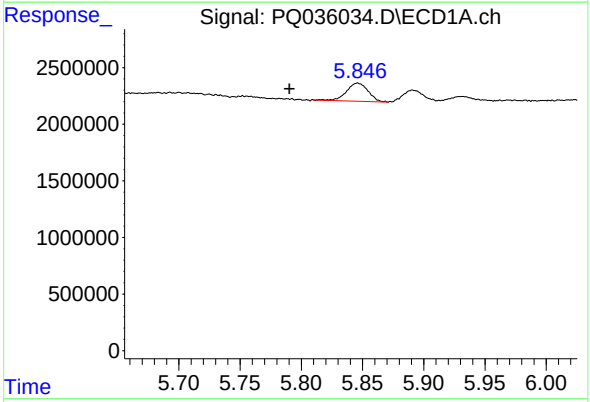
R.T.: 0.000 min
Exp R.T. : 5.627 min
Response: 0
Conc: N.D.

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



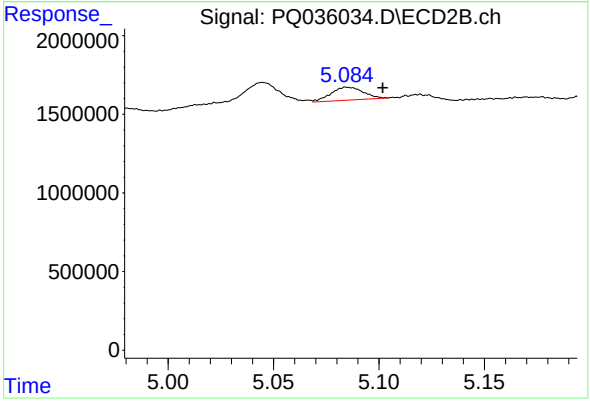

#13 AR-1232-3

R.T.: 5.045 min
Delta R.T.: 0.025 min
Response: 2037285
Conc: 79.73 ng/ml



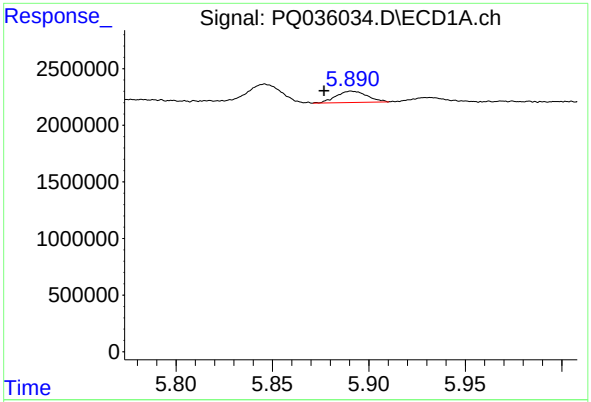

#14 AR-1232-4

R.T.: 5.846 min
Delta R.T.: 0.056 min
Response: 1962057
Conc: 49.00 ng/ml




#14 AR-1232-4

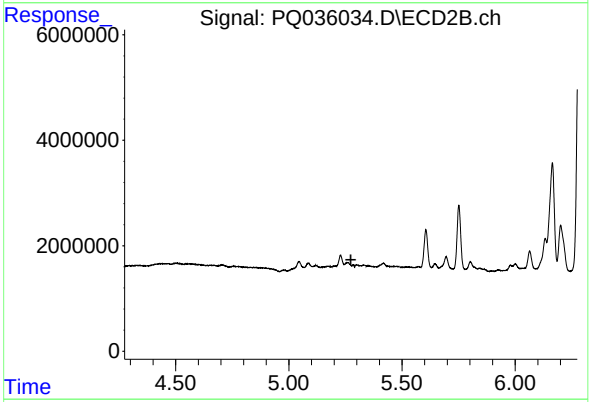
R.T.: 5.085 min
Delta R.T.: -0.017 min
Response: 878065
Conc: 38.48 ng/ml




#15 AR-1232-5

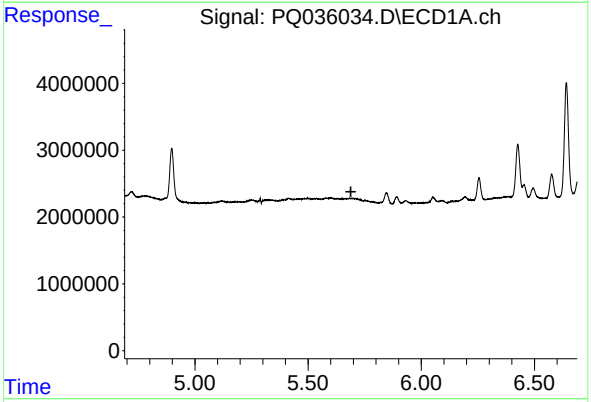
R.T.: 5.891 min
Delta R.T.: 0.014 min
Response: 1112654
Conc: 35.13 ng/ml

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



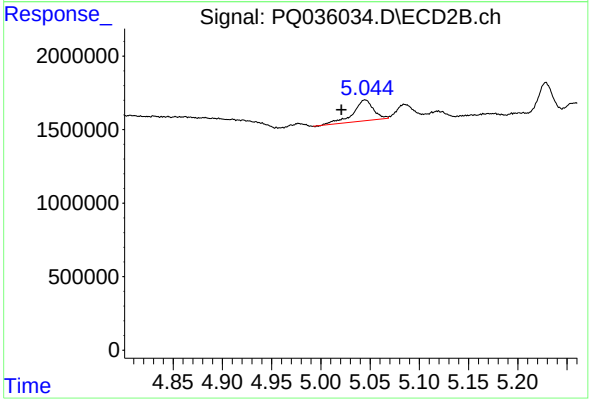

#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.274 min
Response: 0
Conc: N.D.



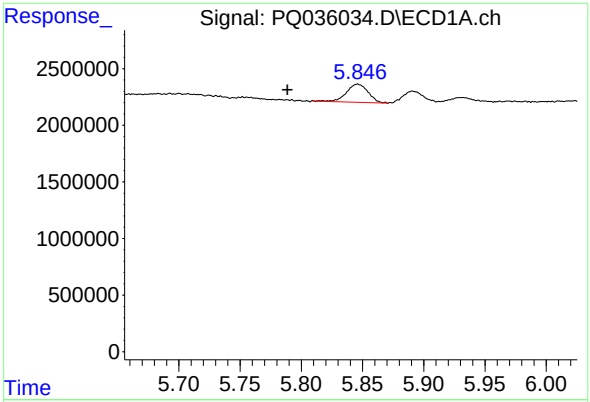

#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.689 min
Response: 0
Conc: N.D.




#18 AR-1242-3

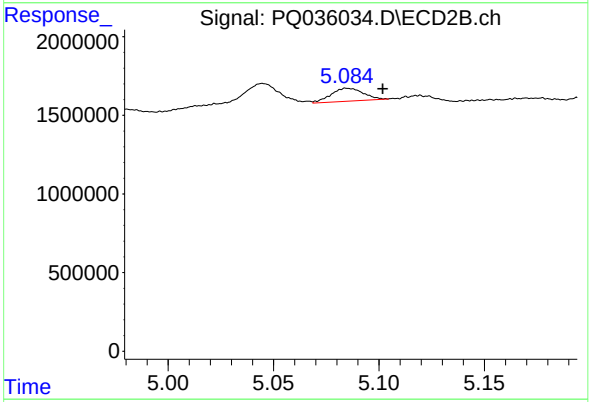
R.T.: 5.045 min
Delta R.T.: 0.024 min
Response: 2037285
Conc: 45.24 ng/ml




#19 AR-1242-4

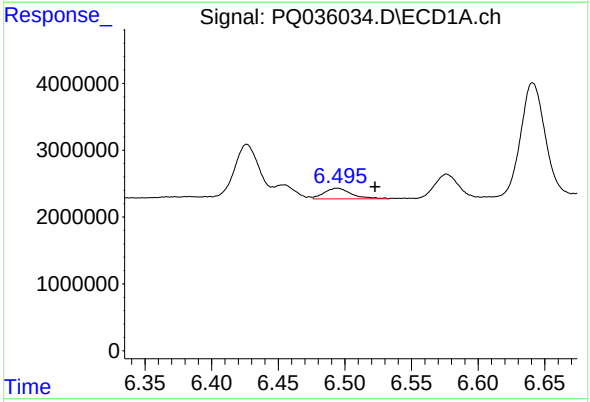
R.T.: 5.846 min
Delta R.T.: 0.057 min
Response: 1962057
Conc: 28.36 ng/ml

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



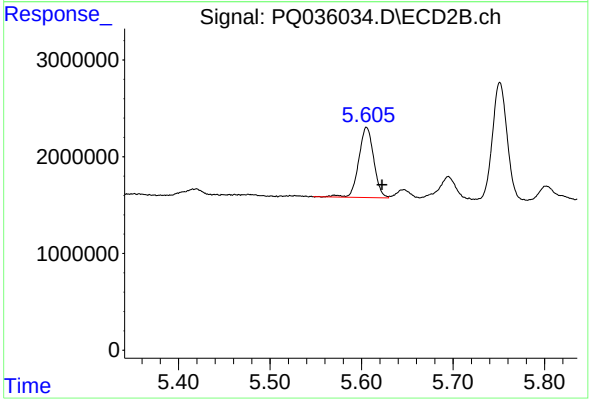

#19 AR-1242-4

R.T.: 5.085 min
Delta R.T.: -0.017 min
Response: 878065
Conc: 19.83 ng/ml



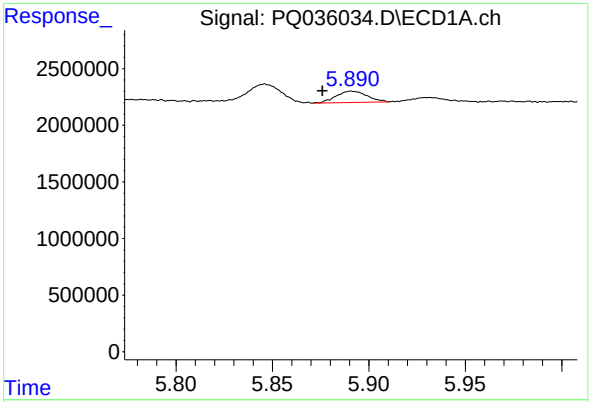

#20 AR-1242-5

R.T.: 6.494 min
Delta R.T.: -0.029 min
Response: 2239078
Conc: 28.54 ng/ml




#20 AR-1242-5

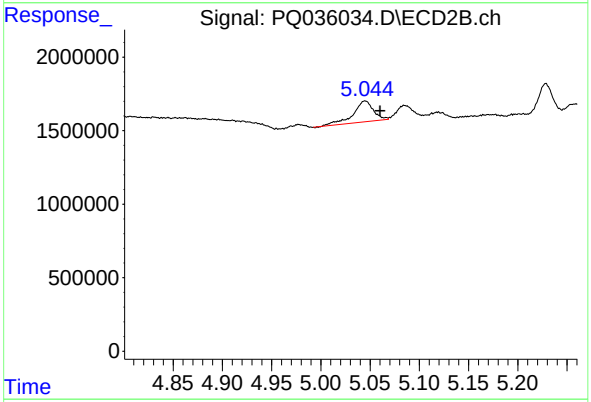
R.T.: 5.606 min
Delta R.T.: -0.017 min
Response: 8264597
Conc: 149.75 ng/ml




#22 AR-1248-2

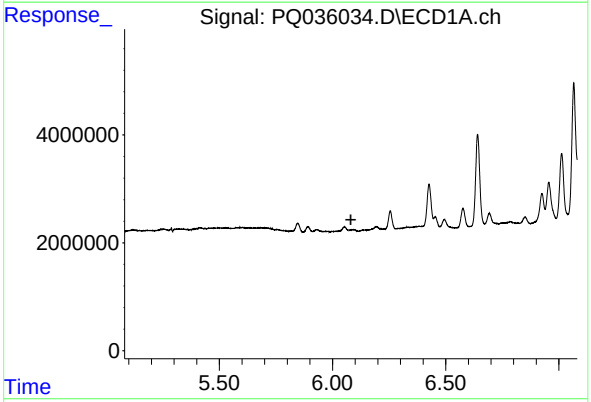
R.T.: 5.891 min
Delta R.T.: 0.015 min
Response: 1112654
Conc: 11.74 ng/ml

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



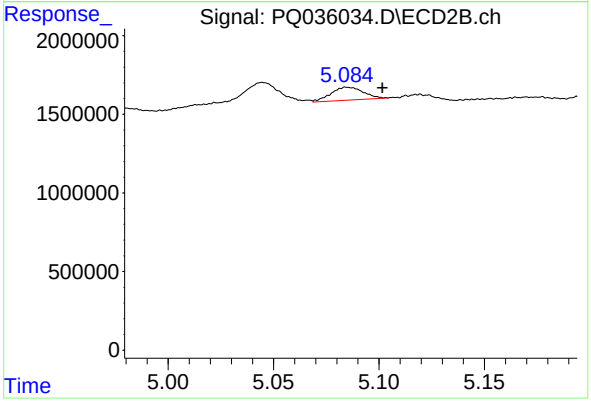

#22 AR-1248-2

R.T.: 5.045 min
Delta R.T.: -0.015 min
Response: 2037285
Conc: 37.54 ng/ml



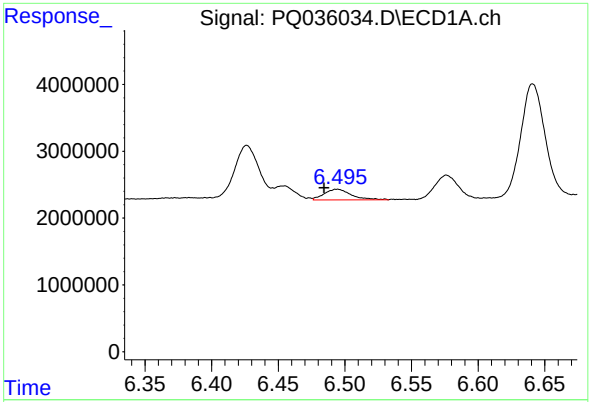

#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.081 min
Response: 0
Conc: N.D.




#23 AR-1248-3

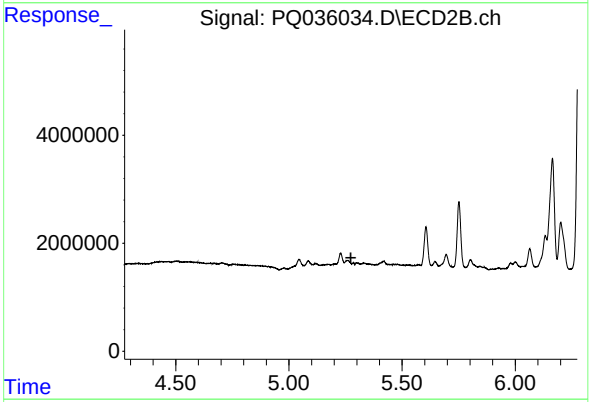
R.T.: 5.085 min
Delta R.T.: -0.017 min
Response: 878065
Conc: 15.74 ng/ml




#24 AR-1248-4

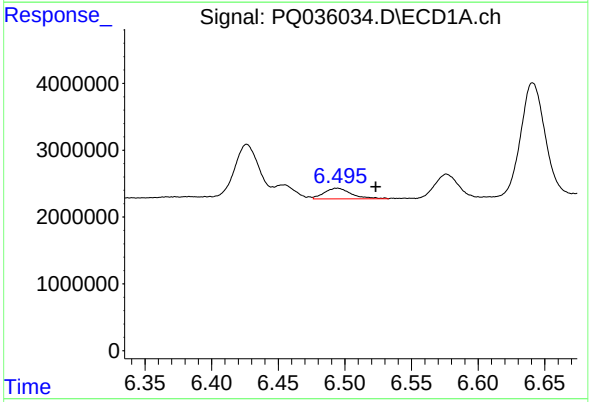
R.T.: 6.494 min
Delta R.T.: 0.010 min
Response: 2239078
Conc: 18.18 ng/ml

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



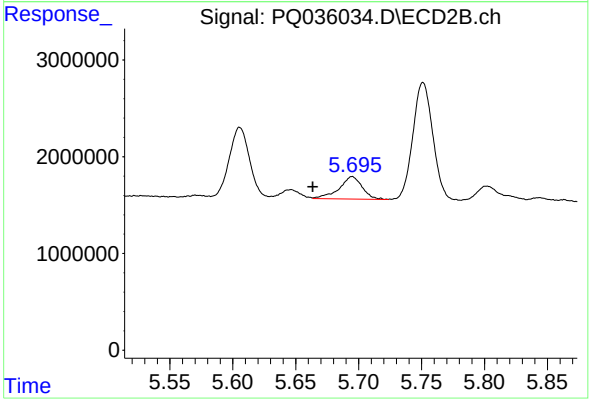

#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.274 min
Response: 0
Conc: N.D.



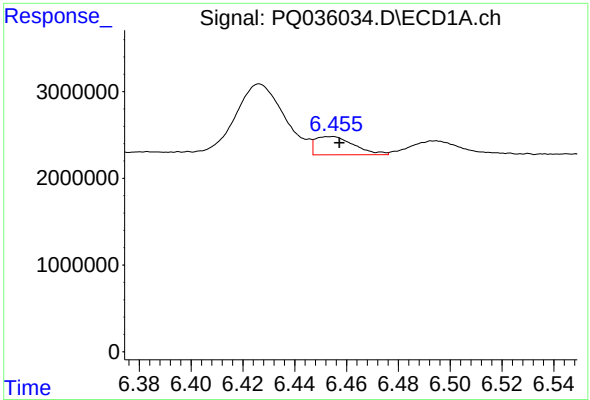

#25 AR-1248-5

R.T.: 6.494 min
Delta R.T.: -0.029 min
Response: 2239078
Conc: 19.14 ng/ml




#25 AR-1248-5

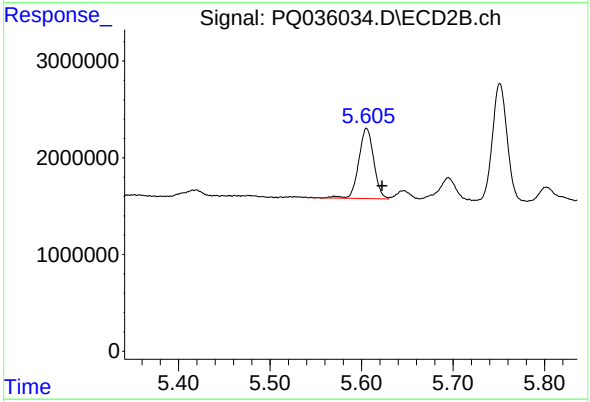
R.T.: 5.695 min
Delta R.T.: 0.031 min
Response: 2940548
Conc: 41.72 ng/ml




#26 AR-1254-1

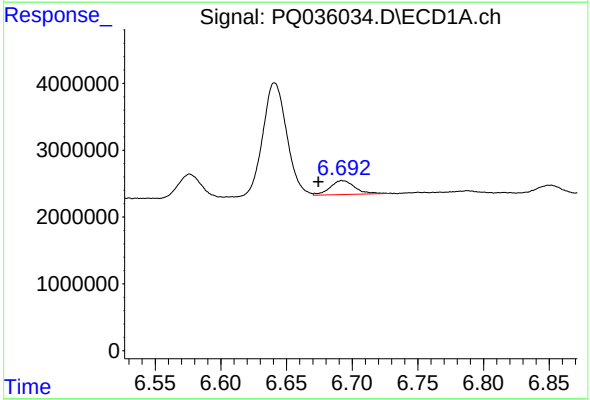
R.T.: 6.454 min
Delta R.T.: -0.003 min
Response: 2181518
Conc: 14.33 ng/ml

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



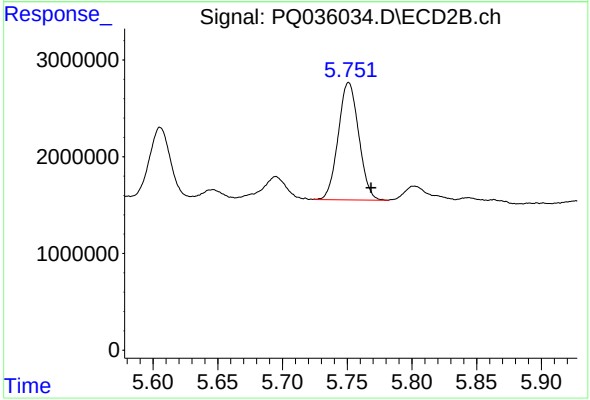

#26 AR-1254-1

R.T.: 5.606 min
Delta R.T.: -0.017 min
Response: 8264597
Conc: 61.96 ng/ml



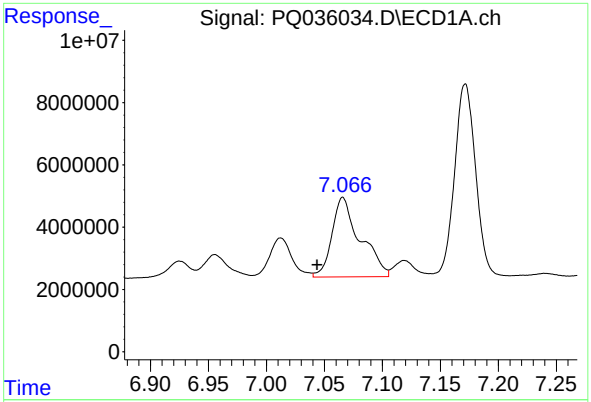

#27 AR-1254-2

R.T.: 6.693 min
Delta R.T.: 0.018 min
Response: 2747459
Conc: 11.61 ng/ml




#27 AR-1254-2

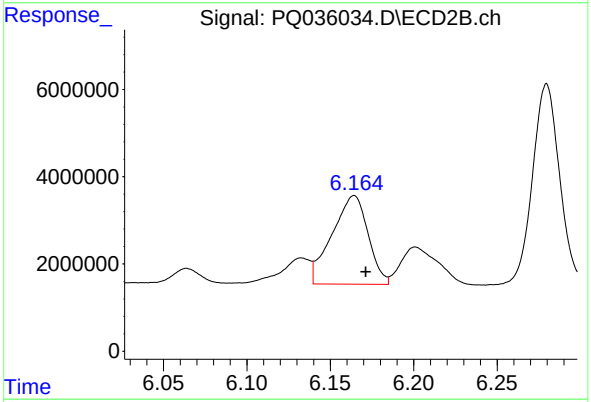
R.T.: 5.751 min
Delta R.T.: -0.017 min
Response: 13401968
Conc: 115.99 ng/ml




#28 AR-1254-3

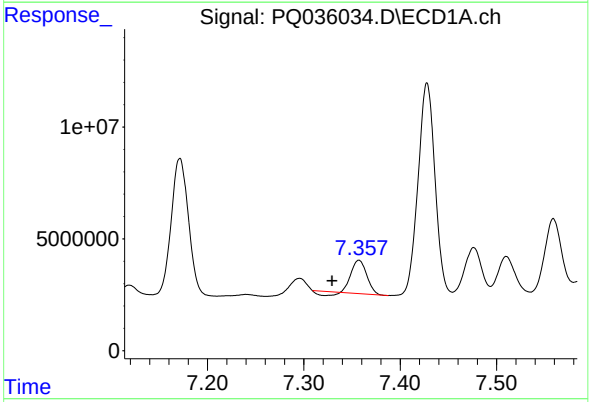
R.T.: 7.066 min
Delta R.T.: 0.022 min
Response: 43290967
Conc: 168.61 ng/ml

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



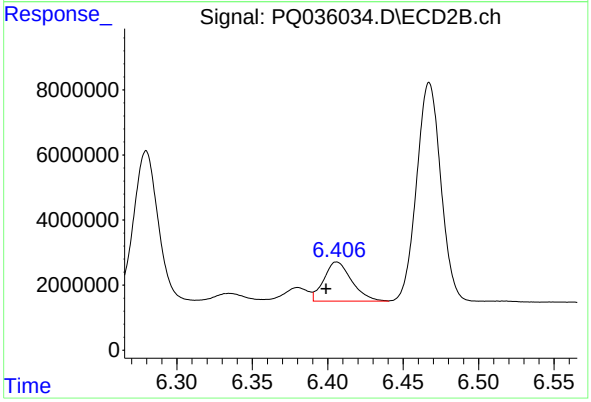

#28 AR-1254-3

R.T.: 6.164 min
Delta R.T.: -0.007 min
Response: 30618155
Conc: 158.60 ng/ml



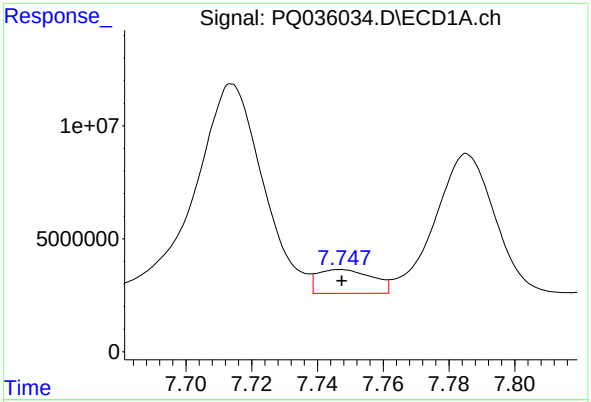

#29 AR-1254-4

R.T.: 7.357 min
Delta R.T.: 0.028 min
Response: 15530699
Conc: 85.66 ng/ml




#29 AR-1254-4

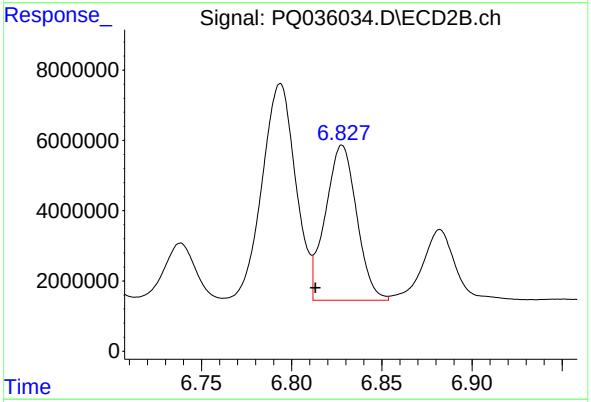
R.T.: 6.406 min
Delta R.T.: 0.007 min
Response: 15477009
Conc: 128.61 ng/ml




#30 AR-1254-5

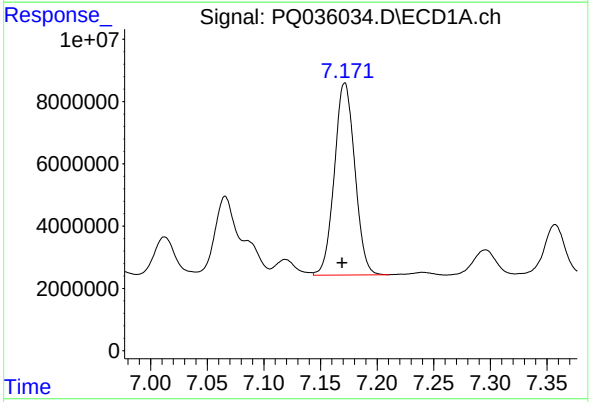
R.T.: 7.747 min
Delta R.T.: 0.000 min
Response: 12249095
Conc: 62.45 ng/ml

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



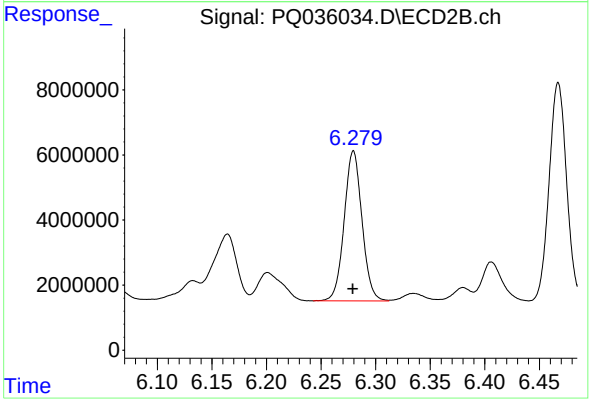

#30 AR-1254-5

R.T.: 6.828 min
Delta R.T.: 0.015 min
Response: 53263598
Conc: 327.05 ng/ml



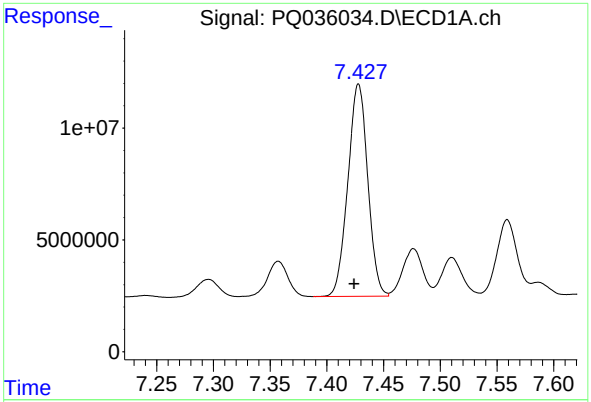

#31 AR-1260-1

R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 77557377
Conc: 420.59 ng/ml




#31 AR-1260-1

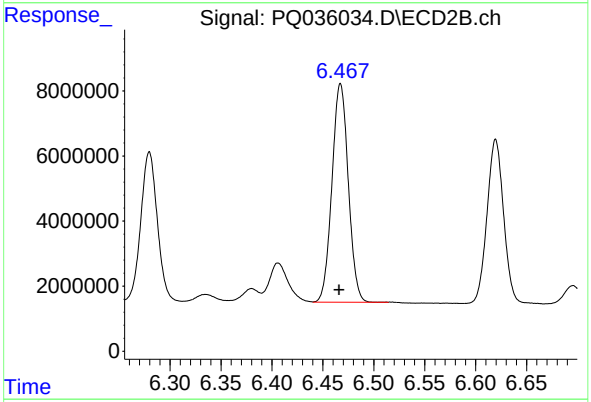
R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 52435085
Conc: 416.85 ng/ml




#32 AR-1260-2

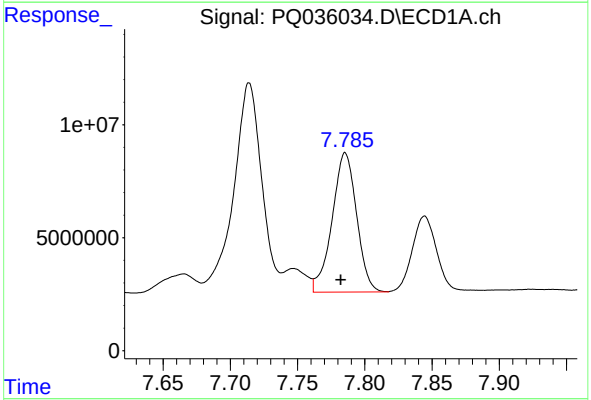
R.T.: 7.428 min
Delta R.T.: 0.004 min
Response: 116082771
Conc: 534.24 ng/ml

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



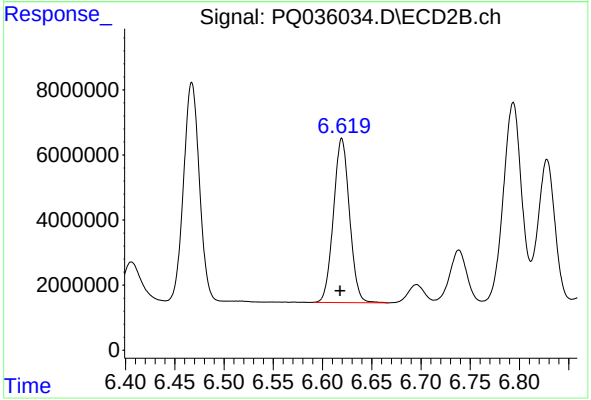

#32 AR-1260-2

R.T.: 6.467 min
Delta R.T.: 0.001 min
Response: 74997987
Conc: 496.63 ng/ml



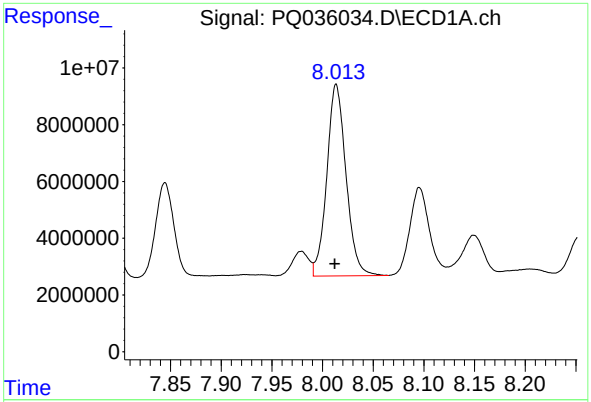

#33 AR-1260-3

R.T.: 7.785 min
Delta R.T.: 0.003 min
Response: 78142228
Conc: 583.32 ng/ml




#33 AR-1260-3

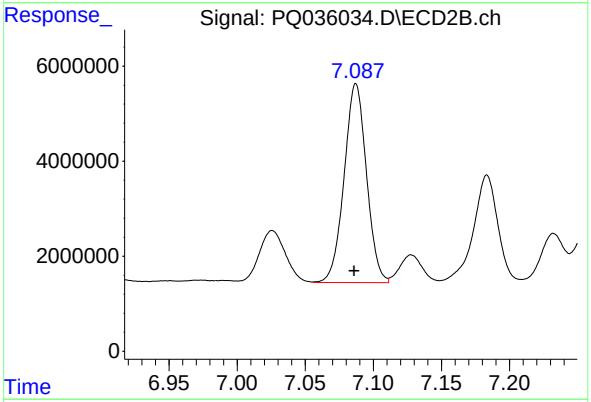
R.T.: 6.620 min
Delta R.T.: 0.002 min
Response: 57183980
Conc: 409.23 ng/ml




#34 AR-1260-4

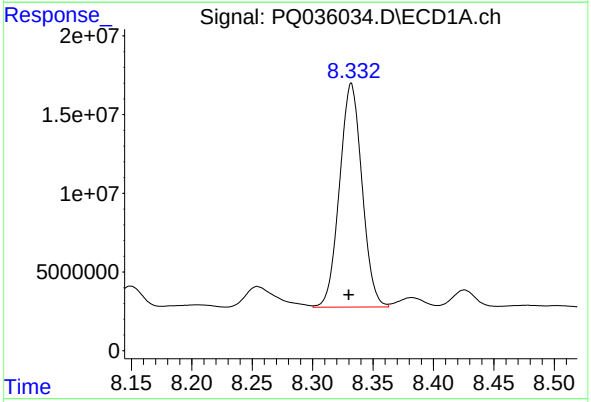
R.T.: 8.013 min
Delta R.T.: 0.001 min
Response: 89041907
Conc: 540.27 ng/ml

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



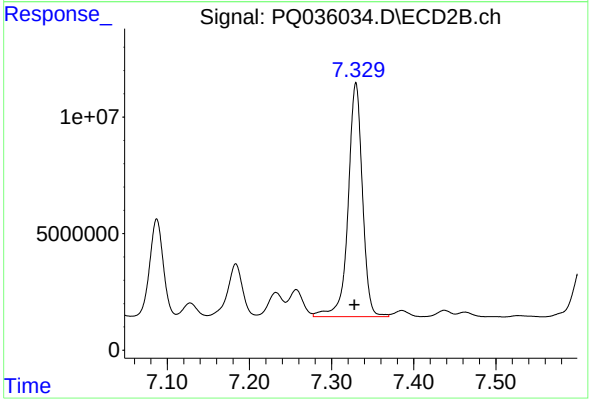

#34 AR-1260-4

R.T.: 7.087 min
Delta R.T.: 0.001 min
Response: 47797664
Conc: 514.75 ng/ml



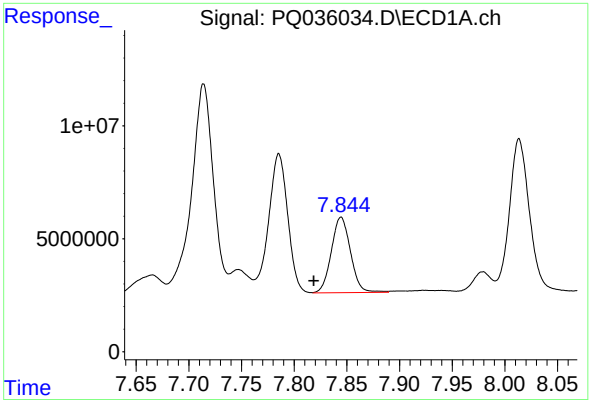

#35 AR-1260-5

R.T.: 8.332 min
Delta R.T.: 0.002 min
Response: 183870836
Conc: 616.67 ng/ml




#35 AR-1260-5

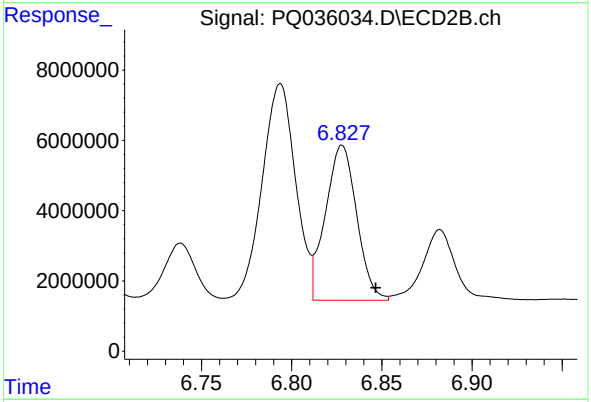
R.T.: 7.330 min
Delta R.T.: 0.002 min
Response: 121450910
Conc: 541.23 ng/ml




#36 AR-1262-1

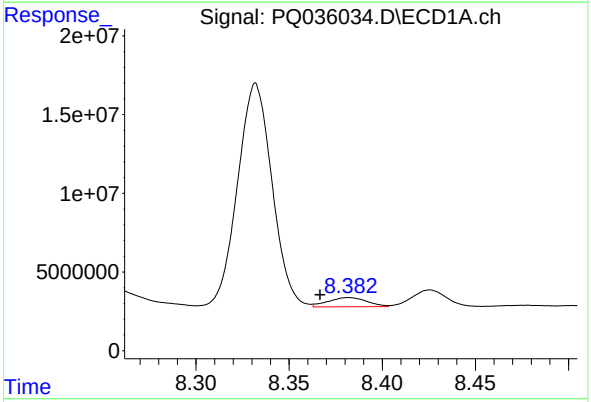
R.T.: 7.844 min
Delta R.T.: 0.026 min
Response: 42356281
Conc: 193.34 ng/ml

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



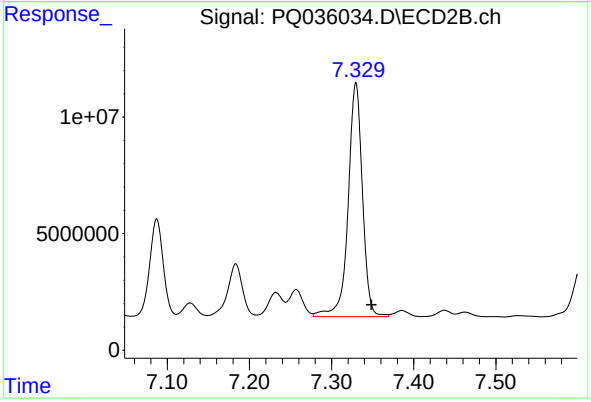

#36 AR-1262-1

R.T.: 6.828 min
Delta R.T.: -0.019 min
Response: 53263598
Conc: 347.07 ng/ml



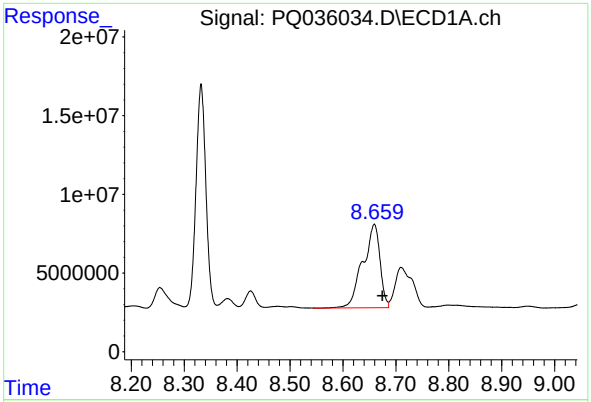

#37 AR-1262-2

R.T.: 8.382 min
Delta R.T.: 0.015 min
Response: 8524203
Conc: 22.63 ng/ml




#37 AR-1262-2

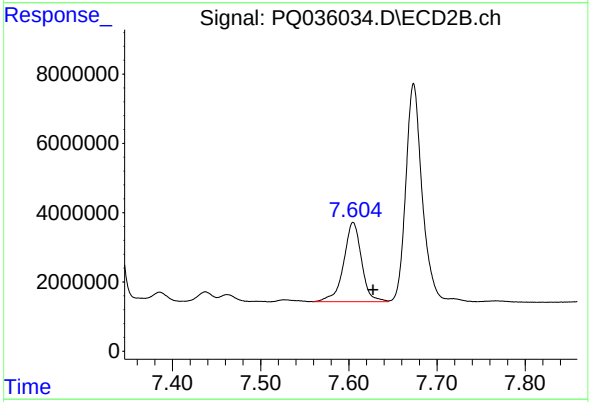
R.T.: 7.330 min
Delta R.T.: -0.019 min
Response: 121450910
Conc: 455.11 ng/ml




#38 AR-1262-3

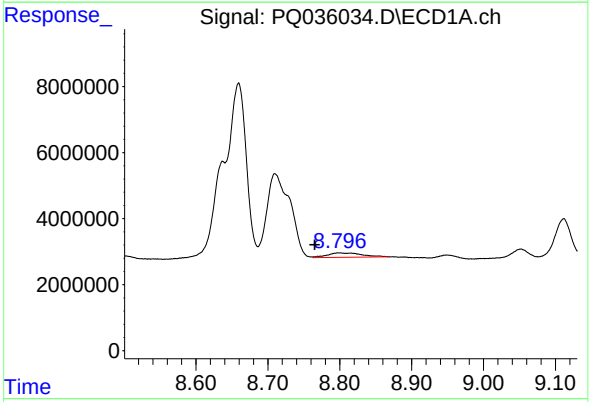
R.T.: 8.659 min
Delta R.T.: -0.015 min
Response: 118891842
Conc: 494.58 ng/ml

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



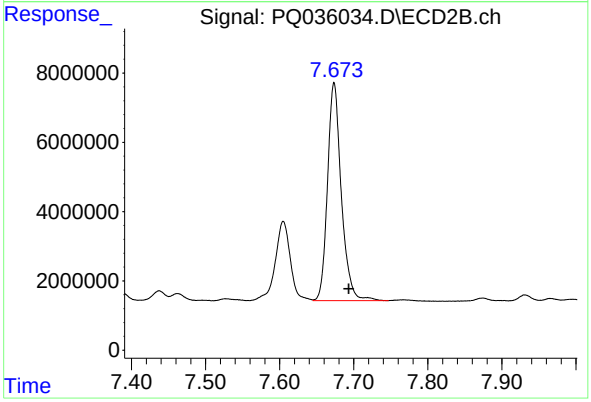

#38 AR-1262-3

R.T.: 7.605 min
Delta R.T.: -0.022 min
Response: 32244006
Conc: 310.69 ng/ml



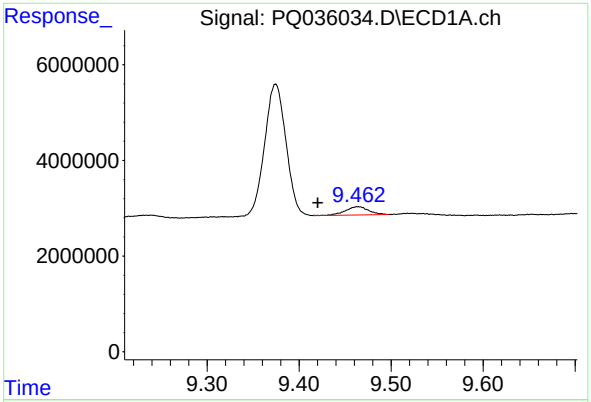

#39 AR-1262-4

R.T.: 8.800 min
Delta R.T.: 0.035 min
Response: 4466296
Conc: 24.72 ng/ml




#39 AR-1262-4

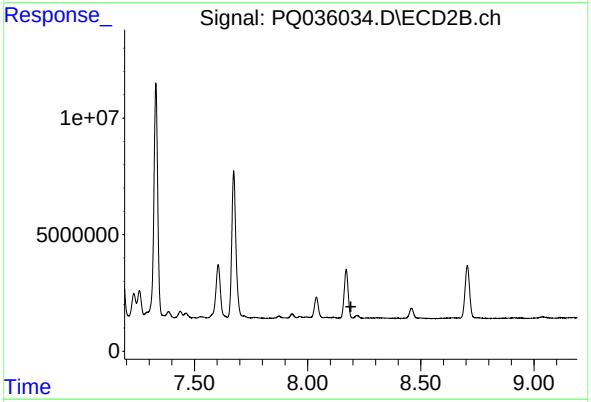
R.T.: 7.674 min
Delta R.T.: -0.020 min
Response: 81436073
Conc: 439.62 ng/ml




#40 AR-1262-5

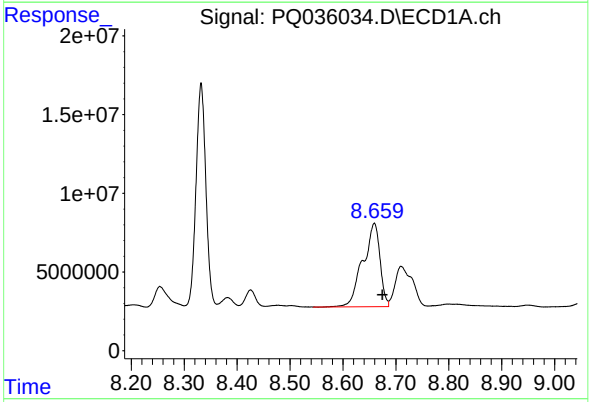
R.T.: 9.464 min
Delta R.T.: 0.044 min
Response: 3062842
Conc: 26.89 ng/ml

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



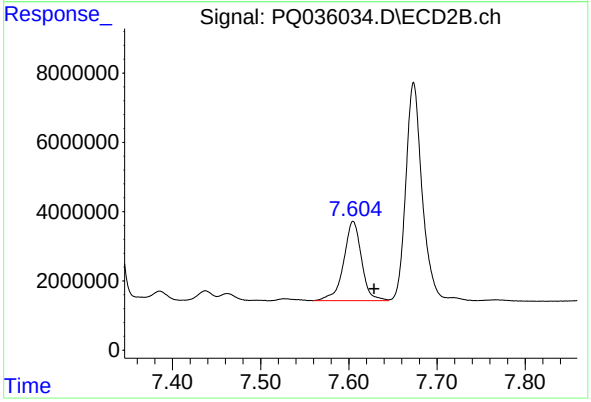

#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.191 min
Response: 0
Conc: N.D.



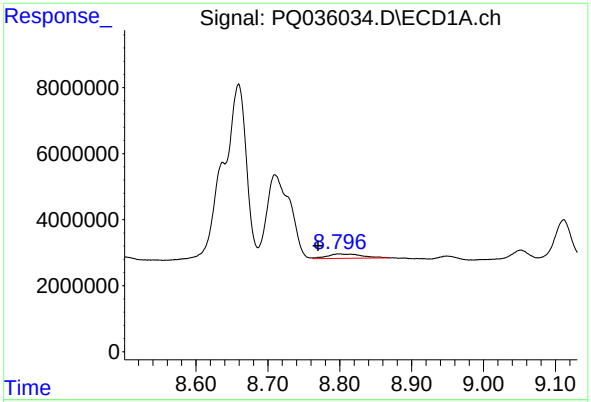

#41 AR-1268-1

R.T.: 8.659 min
Delta R.T.: -0.015 min
Response: 118891842
Conc: 246.41 ng/ml




#41 AR-1268-1

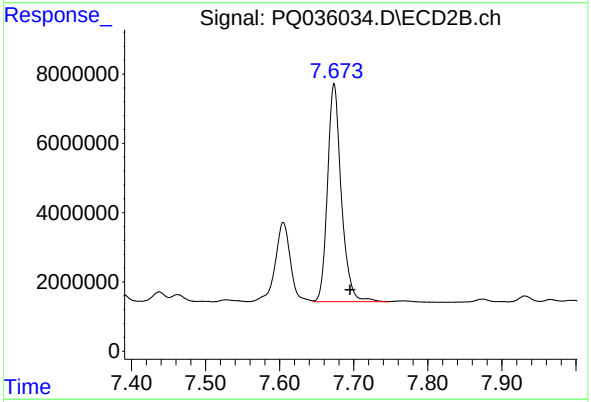
R.T.: 7.605 min
Delta R.T.: -0.024 min
Response: 32244006
Conc: 96.69 ng/ml




#42 AR-1268-2

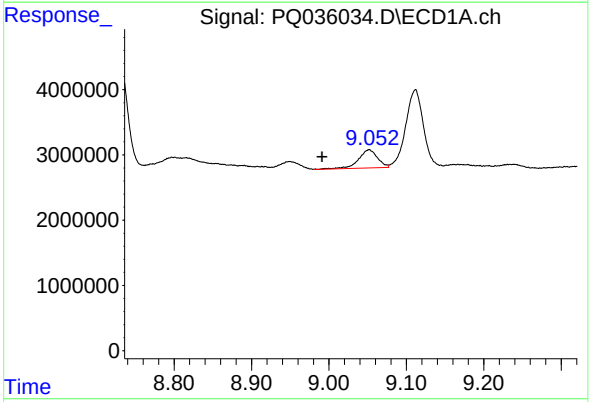
R.T.: 8.800 min
Delta R.T.: 0.030 min
Response: 4466296
Conc: 10.35 ng/ml

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



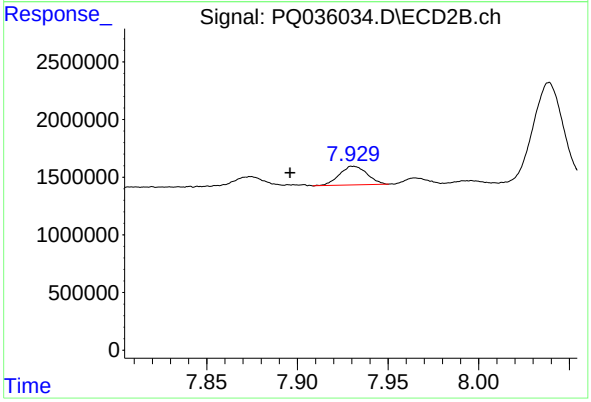

#42 AR-1268-2

R.T.: 7.674 min
Delta R.T.: -0.021 min
Response: 81436073
Conc: 274.79 ng/ml



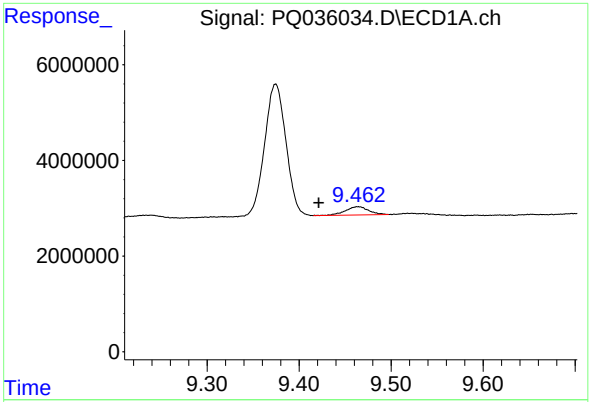

#43 AR-1268-3

R.T.: 9.052 min
Delta R.T.: 0.061 min
Response: 4758720
Conc: 12.59 ng/ml




#43 AR-1268-3

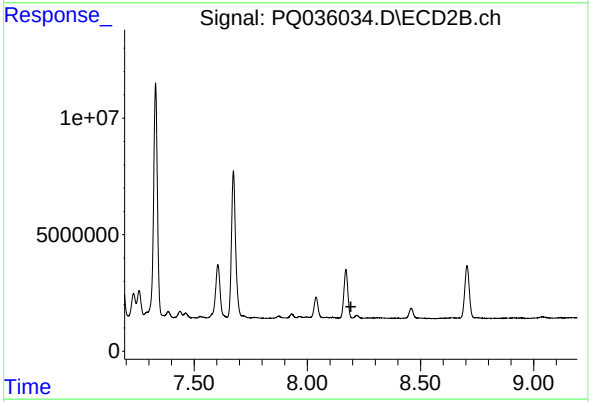
R.T.: 7.931 min
Delta R.T.: 0.035 min
Response: 1714556
Conc: 7.01 ng/ml




#44 AR-1268-4

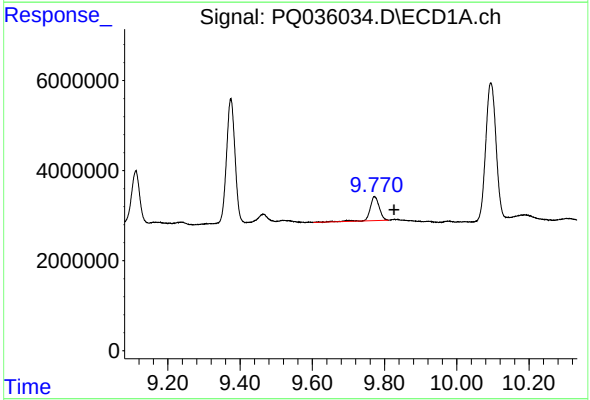
R.T.: 9.464 min
Delta R.T.: 0.043 min
Response: 3062842
Conc: 22.34 ng/ml

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



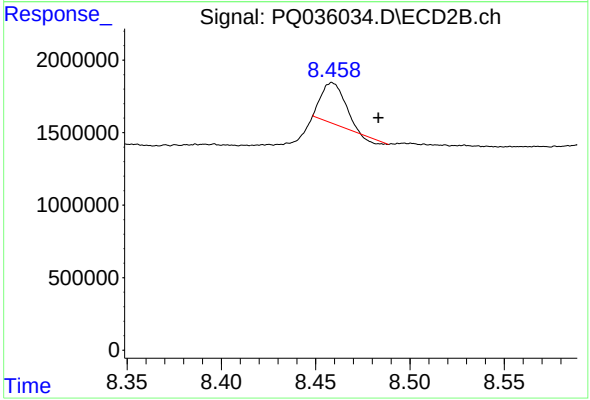

#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.193 min
Response: 0
Conc: N.D.




#45 AR-1268-5

R.T.: 9.772 min
Delta R.T.: -0.054 min
Response: 9606982
Conc: 8.30 ng/ml




#45 AR-1268-5

R.T.: 8.459 min
Delta R.T.: -0.025 min
Response: 2299968
Conc: 3.15 ng/ml