Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061722\
Data File : PP048911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2022 21:47
Operator : YP\AJ
Sample : N3380-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 01:24:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 07 11:09:40 2022
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... | 4.036 | 3.199 | 53206152 | 50572338 | 22.204 | 26.570 | |
| 2) | SA | Decachlor... | 10.383 | 8.604 | 45062533 | 28262176 | 23.642 | 23.079 | |
| | Target Compounds | | | | | | | | |
| 3) | L1 | AR-1016-1 | 5.324 | 4.374 | 5488968 | 4376289 | 63.798 | 63.169 | |
| 4) | L1 | AR-1016-2 | 5.346 | 4.374 | 6603755 | 4376289 | 54.240 | 46.140 | |
| 5) | L1 | AR-1016-3 | 5.414 | 4.559 | 6052729 | 2145879 | 79.857 | 41.258 | # |
| 6) | L1 | AR-1016-4 | 5.523 | 4.608 | 3708327 | 2164711 | 58.951 | 53.779 | |
| 7) | L1 | AR-1016-5 | 5.847 | 4.831f | 2194807 | 1043321 | 35.552 | 20.458 | # |
| 8) | L2 | AR-1221-1 | 4.272 | 0.000 | 11794132 | 0 | 423.946 | N.D. | # |
| 9) | L2 | AR-1221-2 | 0.000 | 3.555f | 0 | 643361 | N.D. | 35.884 | # |
| 10) | L2 | AR-1221-3 | 0.000 | 3.599 | 0 | 1573936 | N.D. | 30.059 | # |
| 11) | L3 | AR-1232-1 | 0.000 | 3.599 | 0 | 1573936 | N.D. | 32.502 | # |
| 12) | L3 | AR-1232-2 | 5.027 | 4.374 | 2456398 | 4376289 | 82.530 | 97.865 | |
| 13) | L3 | AR-1232-3 | 5.346 | 4.559 | 6603755 | 2145879 | 118.605 | 87.410 | # |
| 14) | L3 | AR-1232-4 | 5.523 | 4.651 | 3708327 | 1010400 | 129.671 | 47.226 | # |
| 15) | L3 | AR-1232-5 | 5.622 | 4.831f | 2131884 | 1043321 | 101.926 | 43.605 | # |
| 16) | L4 | AR-1242-1 | 5.324 | 4.374 | 5488968 | 4376289 | 81.305 | 78.658 | |
| 17) | L4 | AR-1242-2 | 5.346 | 4.374 | 6603755 | 4376289 | 67.953 | 57.643 | |
| 18) | L4 | AR-1242-3 | 5.414 | 4.559 | 6052729 | 2145879 | 99.838 | 50.836 | # |
| 19) | L4 | AR-1242-4 | 5.523 | 4.651 | 3708327 | 1010400 | 72.902 | 25.108 | # |
| 20) | L4 | AR-1242-5 | 6.337 | 5.213 | 2177863 | 18673308 | 40.784 | 378.061 | # |
| 21) | L5 | AR-1248-1 | 5.324 | 4.374 | 5488968 | 4376289 | 106.576 | 103.575 | |
| 22) | L5 | AR-1248-2 | 5.622 | 4.608 | 2131884 | 2164711 | 28.351 | 38.267 | # |
| 23) | L5 | AR-1248-3 | 5.847 | 4.651 | 2194807 | 1010400 | 26.253 | 16.924 | # |
| 24) | L5 | AR-1248-4 | 0.000 | 4.831f | 0 | 1043321 | N.D. | 14.951 | # |
| 25) | L5 | AR-1248-5 | 6.337 | 5.257 | 2177863 | 1616503 | 24.598 | 23.624 | |
| 26) | L6 | AR-1254-1 | 6.263 | 5.213 | 10757245 | 18673308 | 115.670 | 184.720 | # |
| 27) | L6 | AR-1254-2 | 6.505 | 5.373 | 21279575 | 21334776 | 153.410 | 242.297 | # |
| 28) | L6 | AR-1254-3 | 6.913 | 5.825 | 12858083 | 31810550 | 90.434 | 228.839 | # |
| 29) | L6 | AR-1254-4 | 7.231 | 6.058f | 8295431 | 3691483 | 77.844 | 42.570 | # |
| 30) | L6 | AR-1254-5 | 7.697 | 6.511f | 54367389 | 49808412 | 457.979 | 406.117 | |
| 31) | L7 | AR-1260-1 | 7.093 | 5.950 | 44050332 | 41031403 | 422.765 | 486.263 | |
| 32) | L7 | AR-1260-2 | 7.380 | 6.156 | 45937570 | 43742882 | 377.260 | 427.055 | |
| 33) | L7 | AR-1260-3 | 7.777 | 6.320 | 24599008 | 41725499 | 290.563 | 430.551 | # |
| 34) | L7 | AR-1260-4 | 8.029 | 6.836 | 34639976 | 24709448 | 334.808 | 349.114 | |
| 35) | L7 | AR-1260-5 | 8.392 | 7.101 | 53632352 | 47812034 | 273.973 | 297.724 | |
| 36) | L8 | AR-1262-1 | 7.777 | 6.554f | 24599008 | 26001597 | 182.737 | 230.618 | # |
| 37) | L8 | AR-1262-2 | 8.392 | 6.836f | 53632352 | 24709448 | 228.958 | 246.610 | |
| 38) | L8 | AR-1262-3 | 8.760f | 7.411f | 34511397 | 7781570 | 351.978 | 103.596 | # |
| 39) | L8 | AR-1262-4 | 8.815f | 7.479f | 18360113 | 29358851 | 292.969 | 210.827 | # |
| 40) | L8 | AR-1262-5 | 9.567 | 8.022f | 9620385 | 4376208 | 115.548 | 69.017 | # |
| 41) | L9 | AR-1268-1 | 8.760f | 7.411f | 34511397 | 7781570 | 123.840 | 36.792 | # |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061722\
Data File : PP048911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2022 21:47
Operator : YP\AJ
Sample : N3380-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 01:24:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 07 11:09:40 2022
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 | |
|---|---|---|---|---|---|---|---|---|
| 42) | L9 AR-1268-2 | 8.815f | 7.479f | 18360113 | 29358851 | 70.857 | 152.673 | # |
| 43) | L9 AR-1268-3 | 0.000 | 7.706f | 0 | 627654 | N.D. | 3.902 | # |
| 44) | L9 AR-1268-4 | 9.567 | 8.022f | 9620385 | 4376208 | 100.829 | 60.661 | # |
| 45) | L9 AR-1268-5 | 0.000 | 8.334f | 0 | 1396832 | N.D. | 2.998 | # |

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

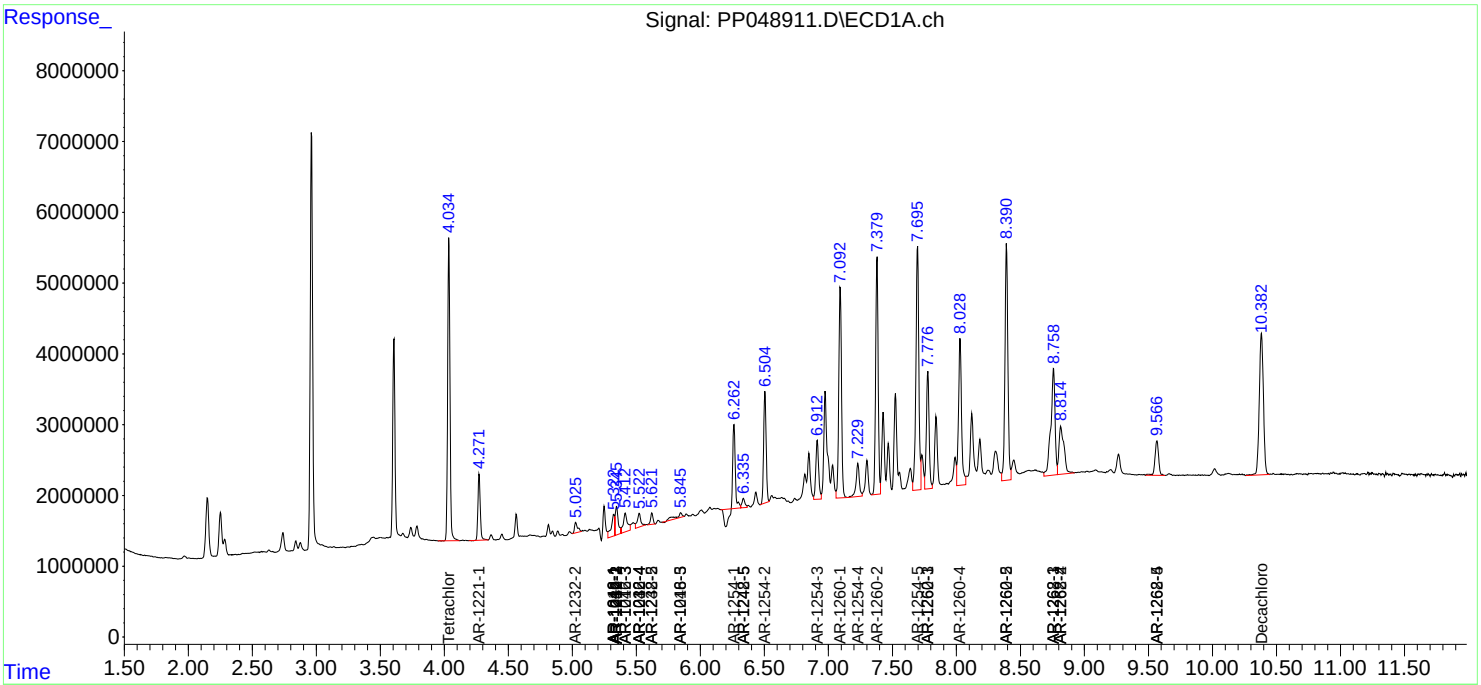
Quantitation Report (Not Reviewed)

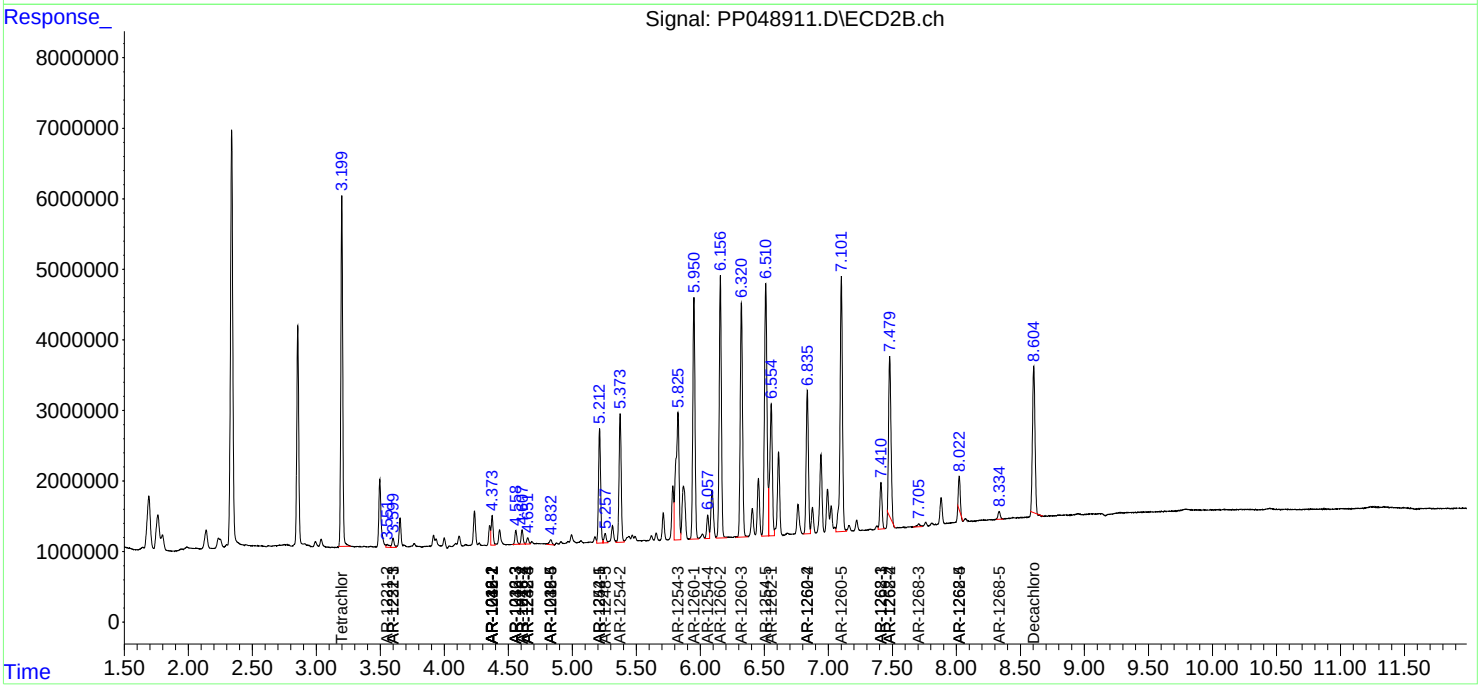
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061722\
Data File : PP048911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2022 21:47
Operator : YP\AJ
Sample : N3380-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

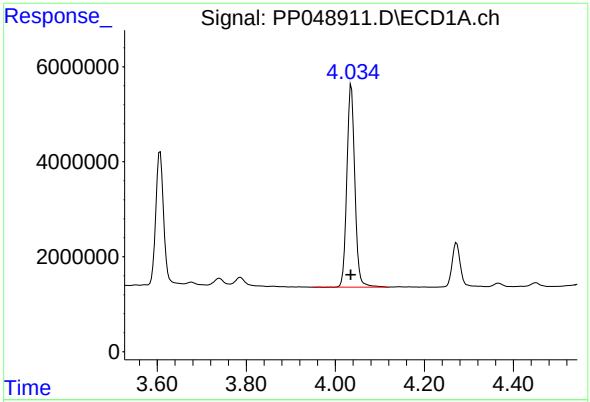
**Instrument :**
ECD_P
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 01:24:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 07 11:09:40 2022
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



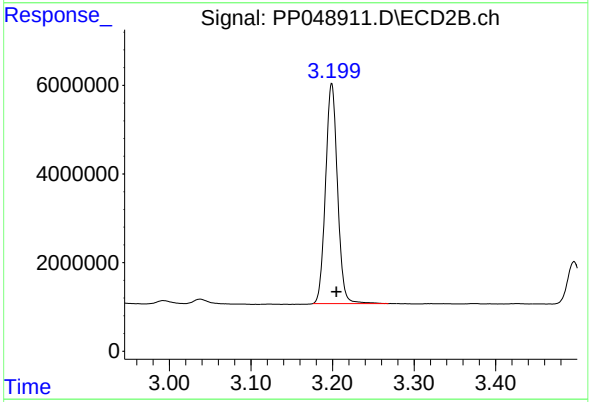






#1 Tetrachloro-m-xylene

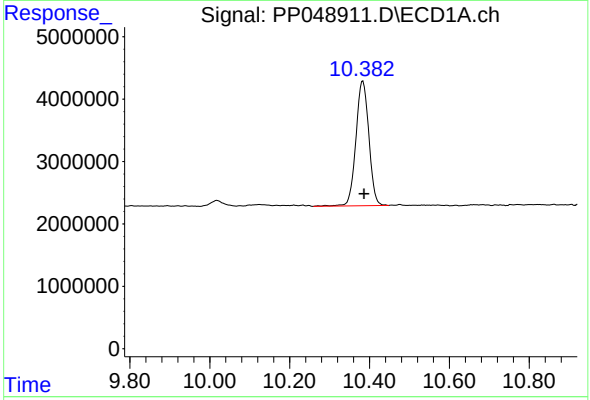
R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 53206152
Conc: 22.20 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



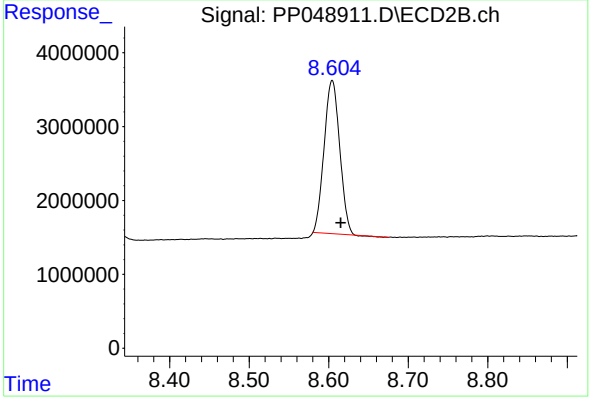

#1 Tetrachloro-m-xylene

R.T.: 3.199 min
Delta R.T.: -0.006 min
Response: 50572338
Conc: 26.57 ng/ml



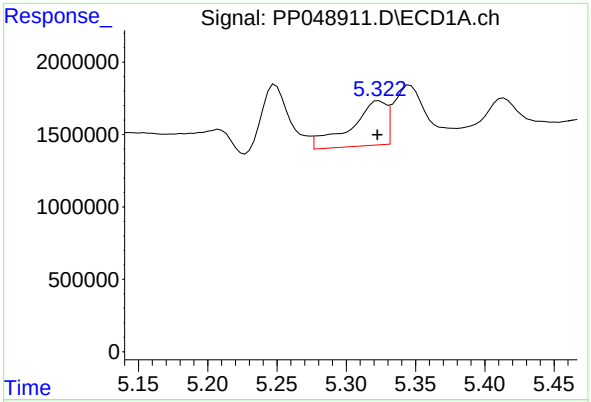

#2 Decachlorobiphenyl

R.T.: 10.383 min
Delta R.T.: -0.003 min
Response: 45062533
Conc: 23.64 ng/ml




#2 Decachlorobiphenyl

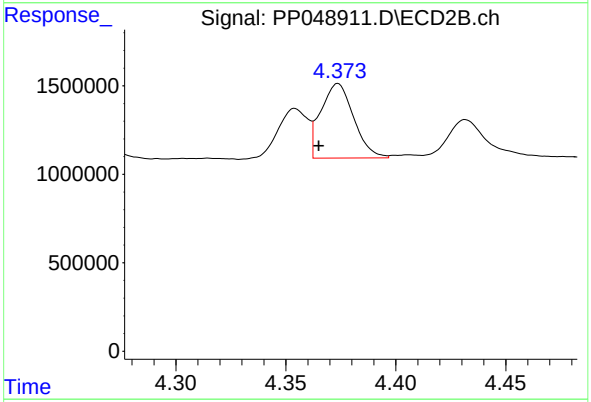
R.T.: 8.604 min
Delta R.T.: -0.011 min
Response: 28262176
Conc: 23.08 ng/ml




#3 AR-1016-1

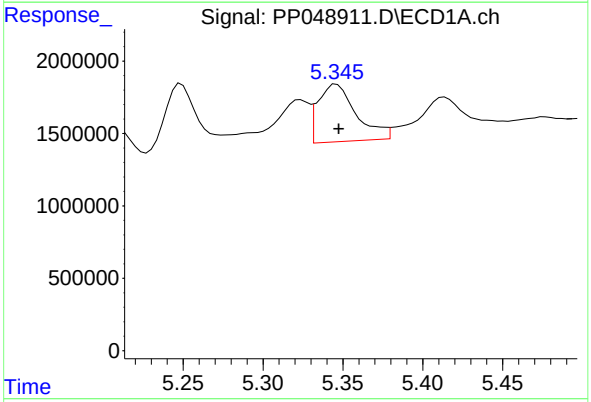
R.T.: 5.324 min
Delta R.T.: 0.001 min
Response: 5488968
Conc: 63.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



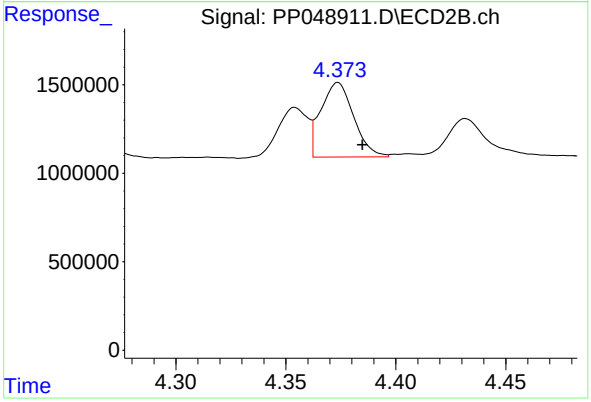

#3 AR-1016-1

R.T.: 4.374 min
Delta R.T.: 0.009 min
Response: 4376289
Conc: 63.17 ng/ml



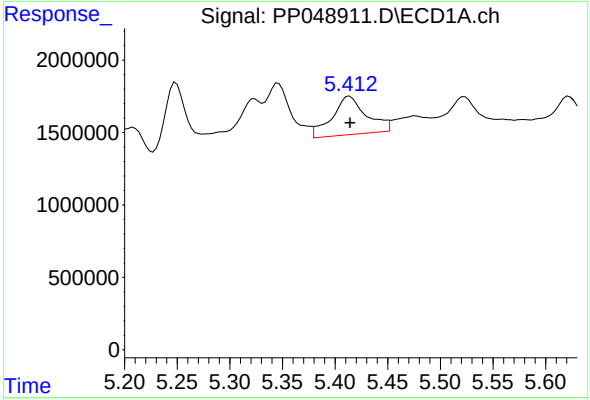

#4 AR-1016-2

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 6603755
Conc: 54.24 ng/ml




#4 AR-1016-2

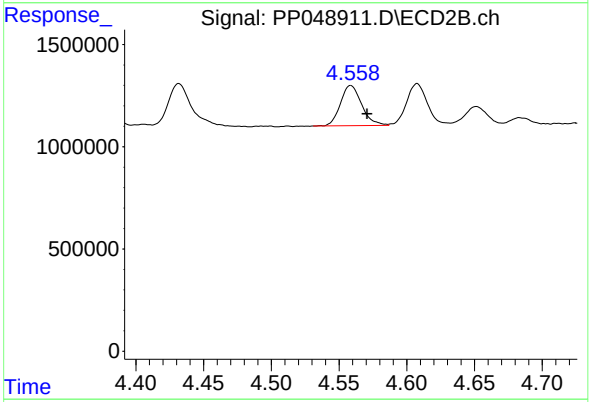
R.T.: 4.374 min
Delta R.T.: -0.011 min
Response: 4376289
Conc: 46.14 ng/ml




#5 AR-1016-3

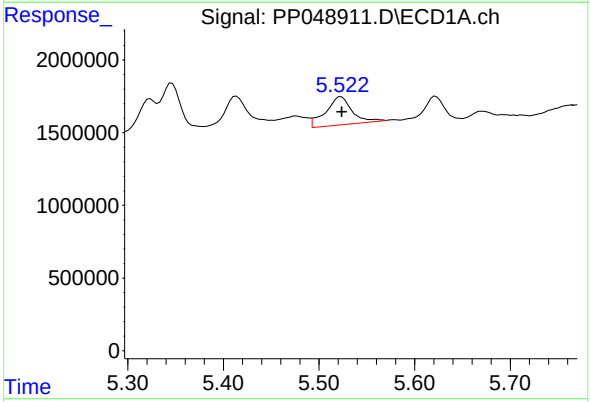
R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 6052729
Conc: 79.86 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



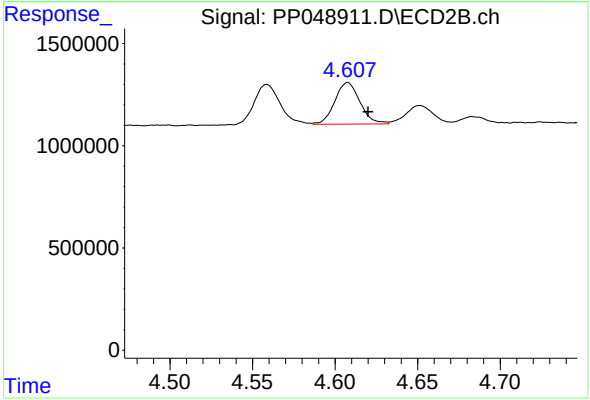

#5 AR-1016-3

R.T.: 4.559 min
Delta R.T.: -0.012 min
Response: 2145879
Conc: 41.26 ng/ml



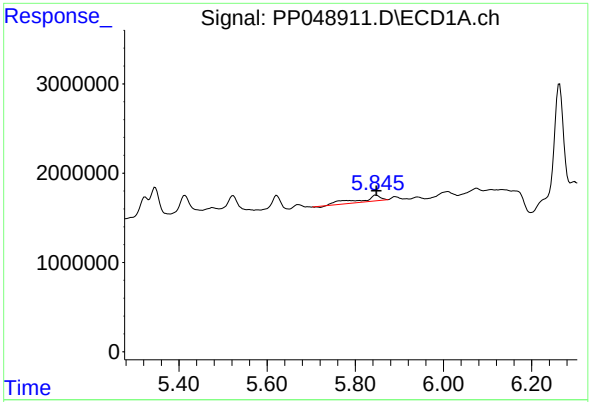

#6 AR-1016-4

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 3708327
Conc: 58.95 ng/ml




#6 AR-1016-4

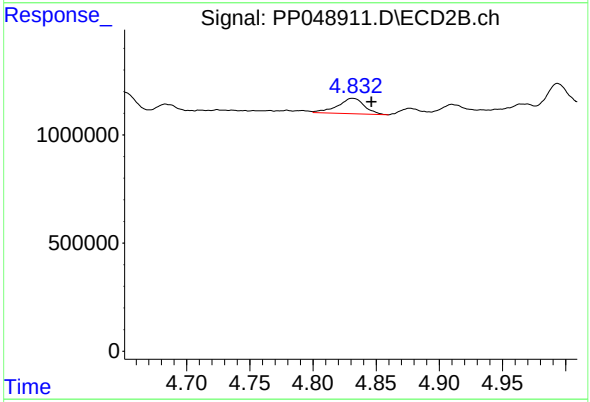
R.T.: 4.608 min
Delta R.T.: -0.012 min
Response: 2164711
Conc: 53.78 ng/ml




#7 AR-1016-5

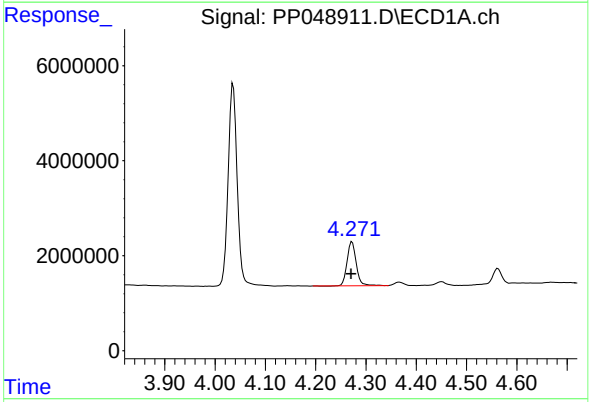
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 2194807
Conc: 35.55 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



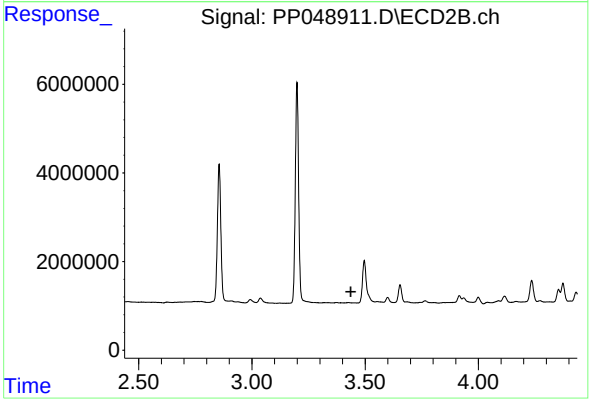

#7 AR-1016-5

R.T.: 4.831 min
Delta R.T.: -0.015 min
Response: 1043321
Conc: 20.46 ng/ml



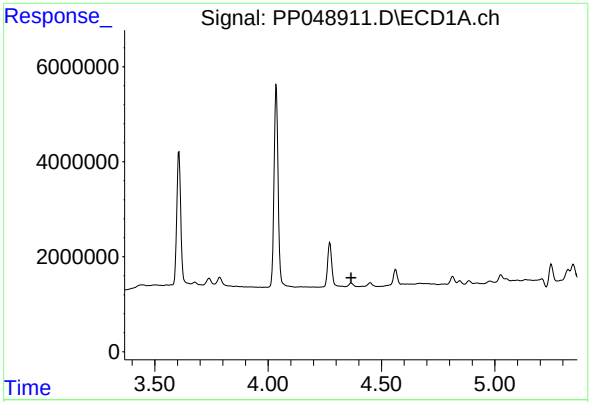

#8 AR-1221-1

R.T.: 4.272 min
Delta R.T.: 0.002 min
Response: 11794132
Conc: 423.95 ng/ml




#8 AR-1221-1

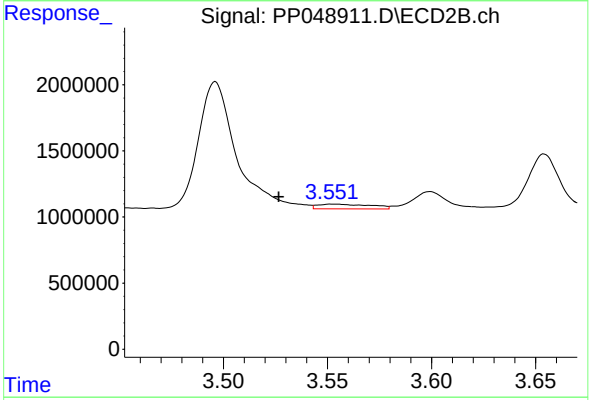
R.T.: 0.000 min
Exp R.T. : 3.437 min
Response: 0
Conc: N.D.




#9 AR-1221-2

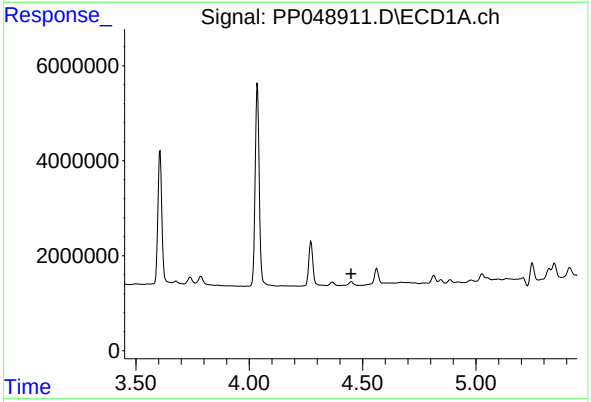
R.T.: 0.000 min
Exp R.T. : 4.366 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**



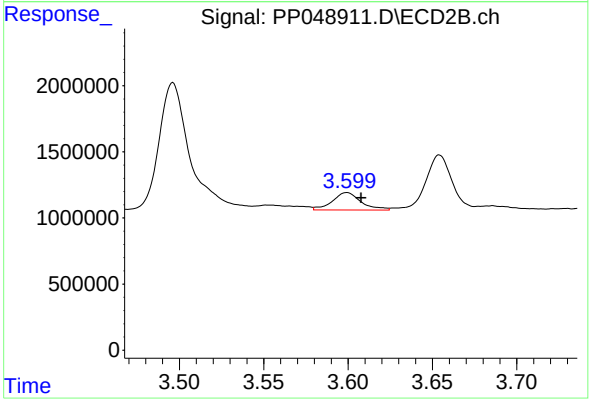

#9 AR-1221-2

R.T.: 3.555 min
Delta R.T.: 0.028 min
Response: 643361
Conc: 35.88 ng/ml



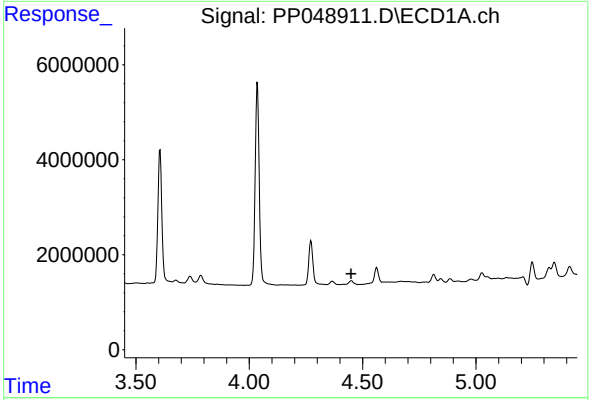

#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.449 min
Response: 0
Conc: N.D.




#10 AR-1221-3

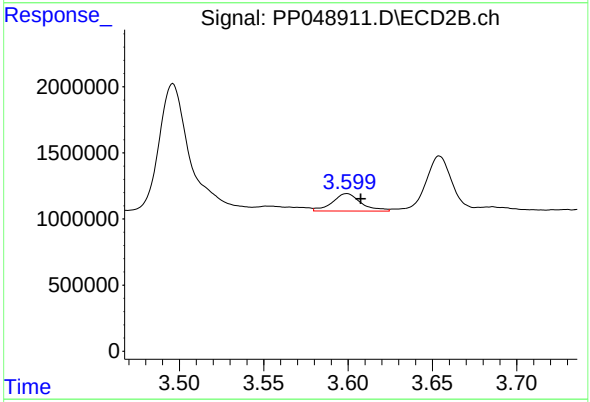
R.T.: 3.599 min
Delta R.T.: -0.008 min
Response: 1573936
Conc: 30.06 ng/ml




#11 AR-1232-1

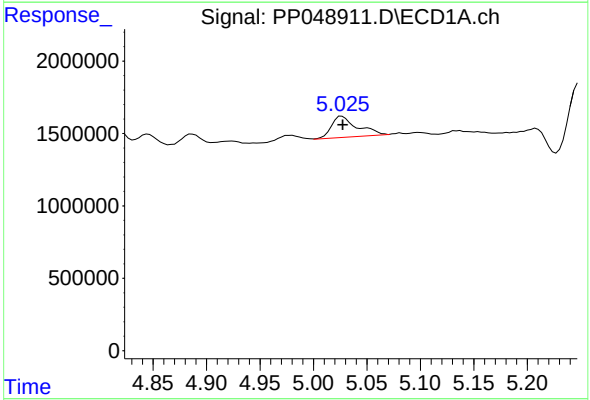
R.T.: 0.000 min
Exp R.T. : 4.450 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**



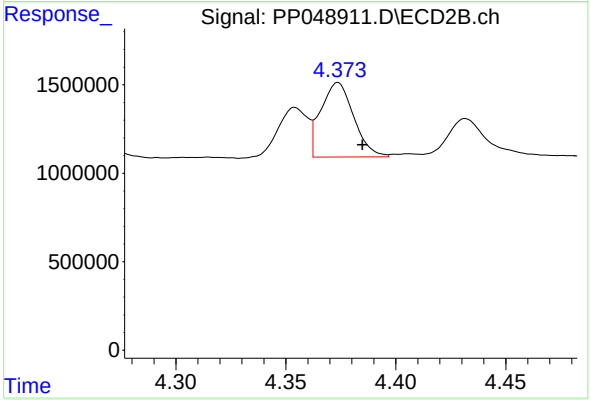

#11 AR-1232-1

R.T.: 3.599 min
Delta R.T.: -0.008 min
Response: 1573936
Conc: 32.50 ng/ml



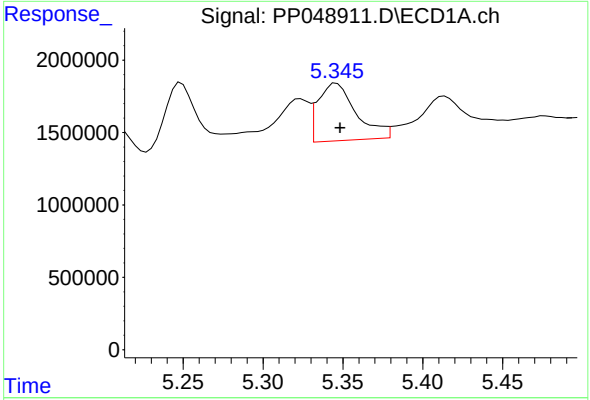

#12 AR-1232-2

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 2456398
Conc: 82.53 ng/ml




#12 AR-1232-2

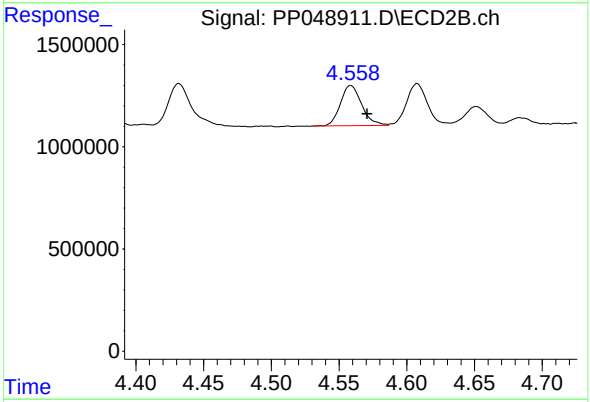
R.T.: 4.374 min
Delta R.T.: -0.011 min
Response: 4376289
Conc: 97.86 ng/ml




#13 AR-1232-3

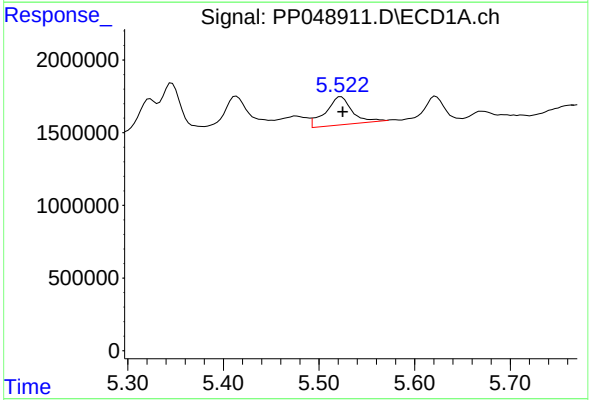
R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 6603755
Conc: 118.61 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



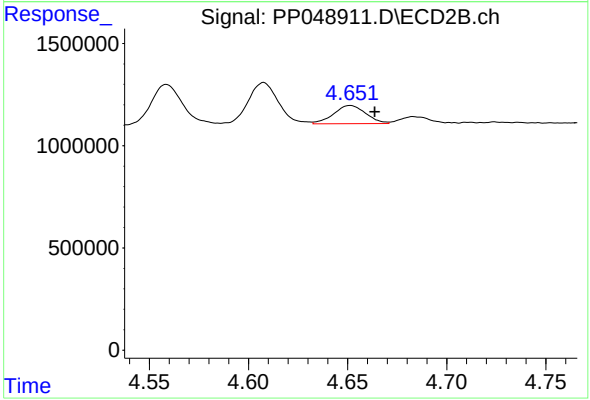

#13 AR-1232-3

R.T.: 4.559 min
Delta R.T.: -0.012 min
Response: 2145879
Conc: 87.41 ng/ml



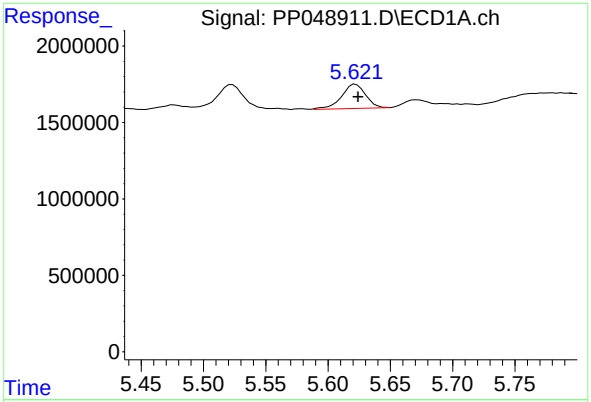

#14 AR-1232-4

R.T.: 5.523 min
Delta R.T.: -0.002 min
Response: 3708327
Conc: 129.67 ng/ml




#14 AR-1232-4

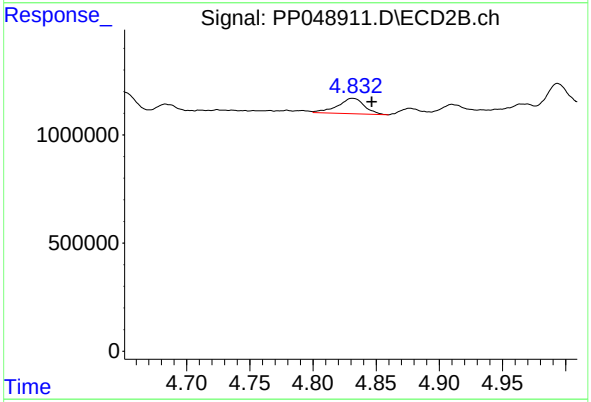
R.T.: 4.651 min
Delta R.T.: -0.012 min
Response: 1010400
Conc: 47.23 ng/ml




#15 AR-1232-5

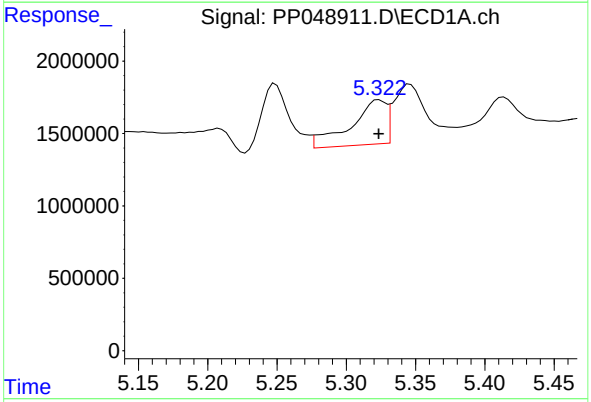
R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 2131884
Conc: 101.93 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



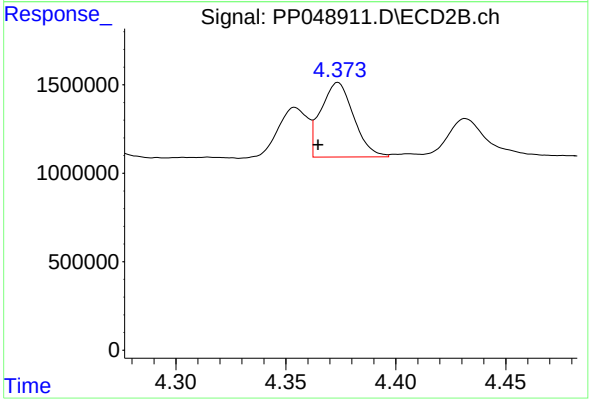

#15 AR-1232-5

R.T.: 4.831 min
Delta R.T.: -0.015 min
Response: 1043321
Conc: 43.60 ng/ml



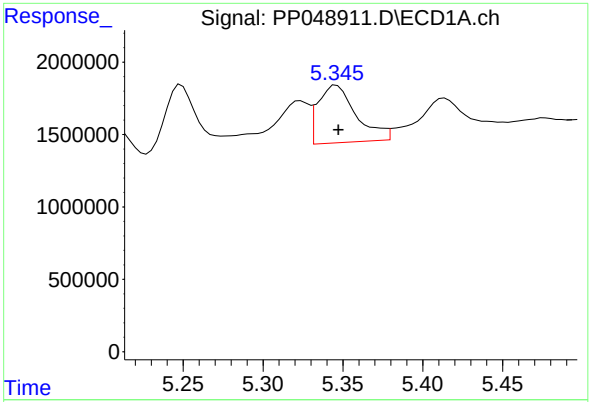

#16 AR-1242-1

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 5488968
Conc: 81.30 ng/ml




#16 AR-1242-1

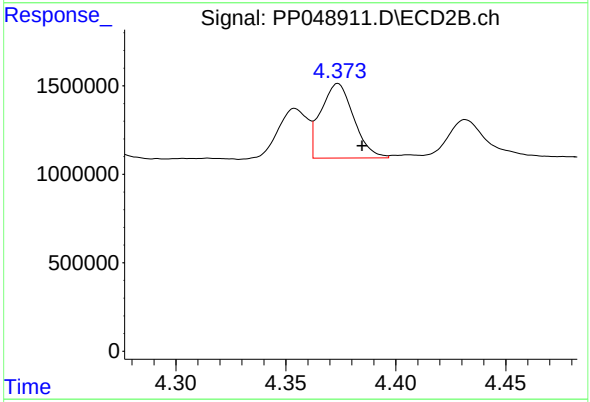
R.T.: 4.374 min
Delta R.T.: 0.009 min
Response: 4376289
Conc: 78.66 ng/ml




#17 AR-1242-2

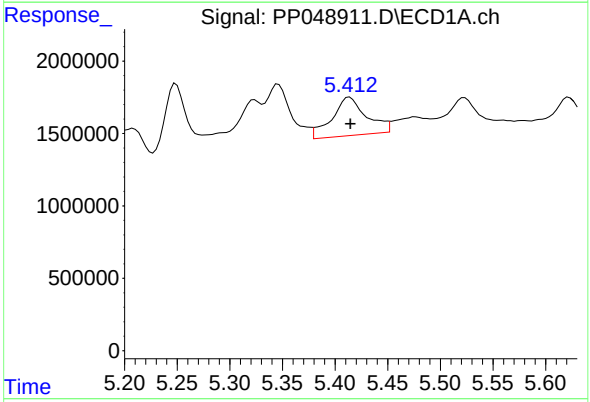
R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 6603755
Conc: 67.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



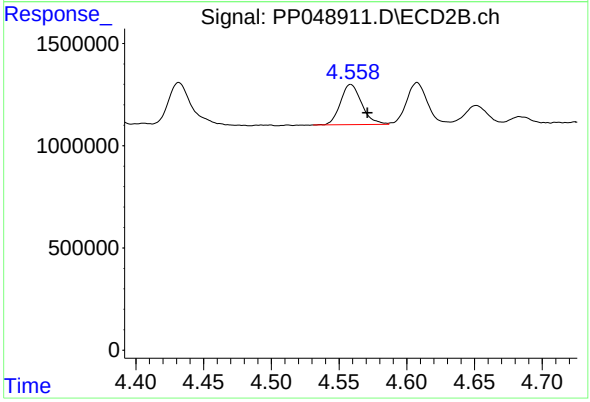

#17 AR-1242-2

R.T.: 4.374 min
Delta R.T.: -0.011 min
Response: 4376289
Conc: 57.64 ng/ml



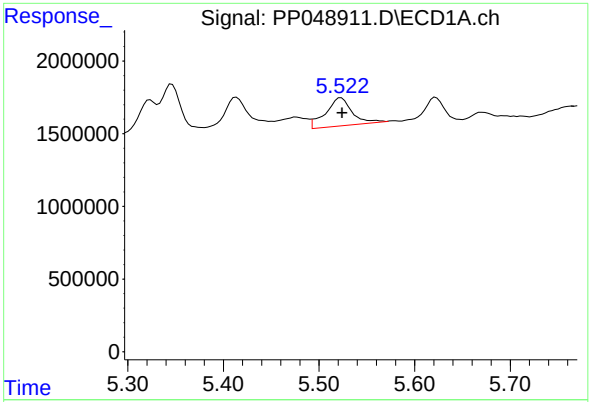

#18 AR-1242-3

R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 6052729
Conc: 99.84 ng/ml




#18 AR-1242-3

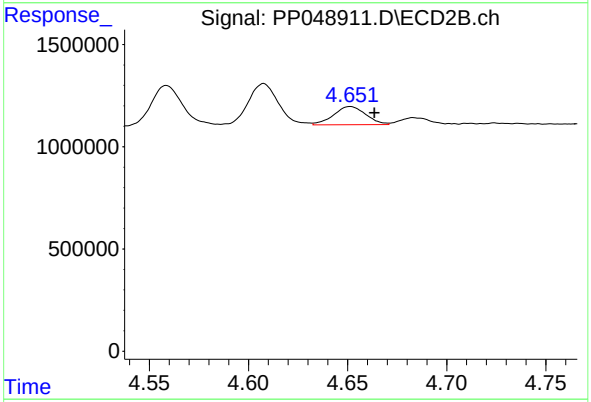
R.T.: 4.559 min
Delta R.T.: -0.012 min
Response: 2145879
Conc: 50.84 ng/ml




#19 AR-1242-4

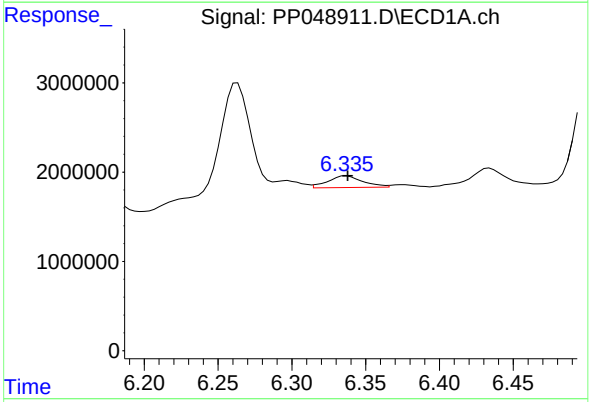
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 3708327
Conc: 72.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



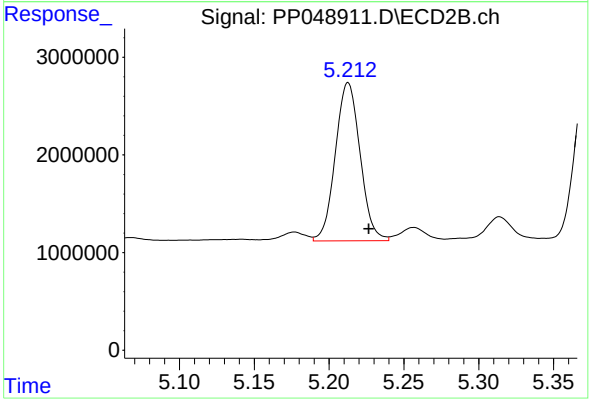

#19 AR-1242-4

R.T.: 4.651 min
Delta R.T.: -0.012 min
Response: 1010400
Conc: 25.11 ng/ml



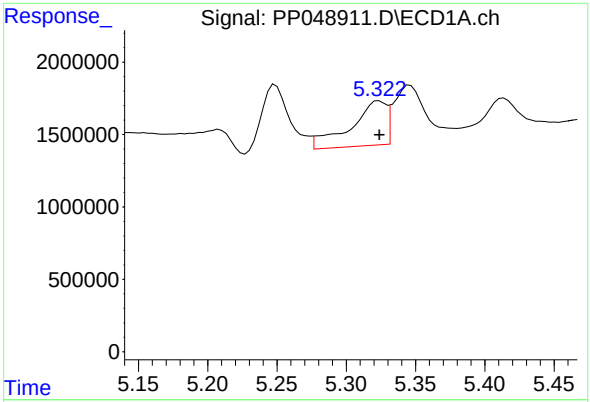

#20 AR-1242-5

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 2177863
Conc: 40.78 ng/ml




#20 AR-1242-5

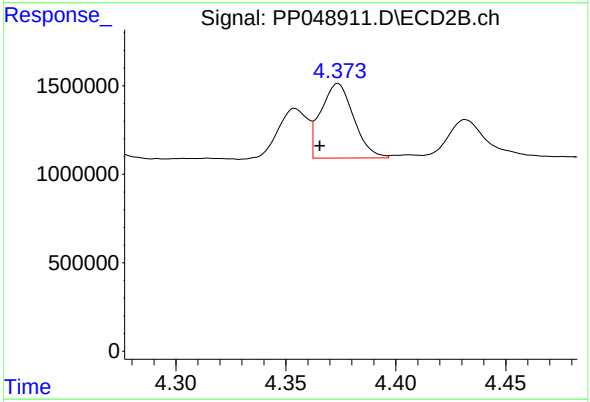
R.T.: 5.213 min
Delta R.T.: -0.014 min
Response: 18673308
Conc: 378.06 ng/ml




#21 AR-1248-1

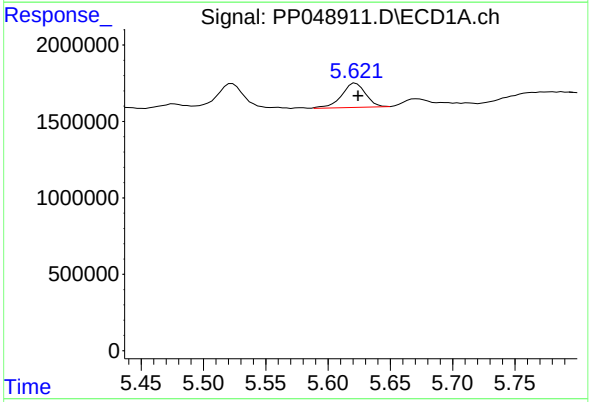
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 5488968
Conc: 106.58 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



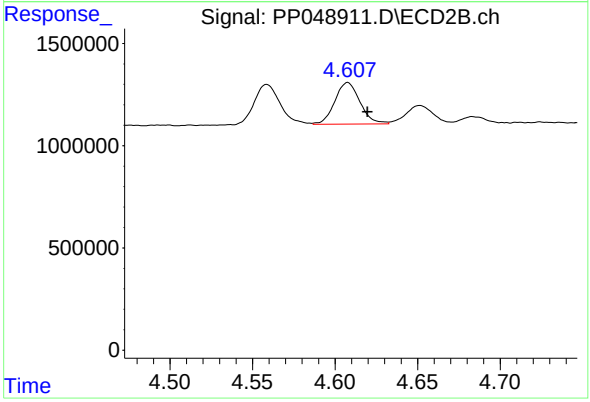

#21 AR-1248-1

R.T.: 4.374 min
Delta R.T.: 0.008 min
Response: 4376289
Conc: 103.58 ng/ml



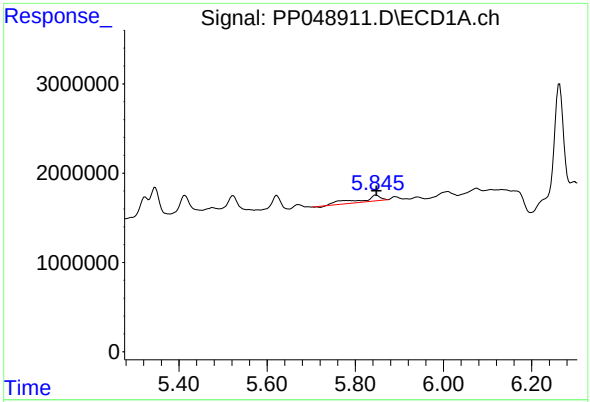

#22 AR-1248-2

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 2131884
Conc: 28.35 ng/ml




#22 AR-1248-2

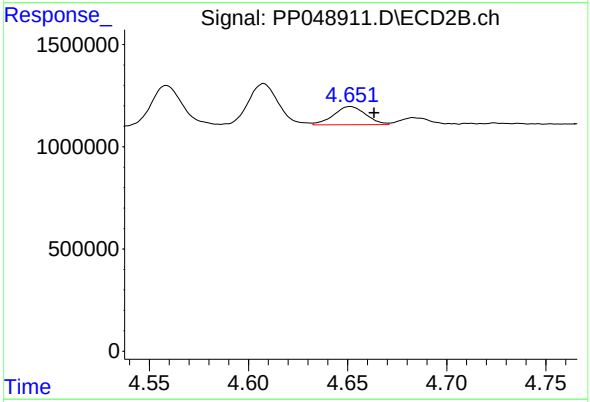
R.T.: 4.608 min
Delta R.T.: -0.012 min
Response: 2164711
Conc: 38.27 ng/ml




#23 AR-1248-3

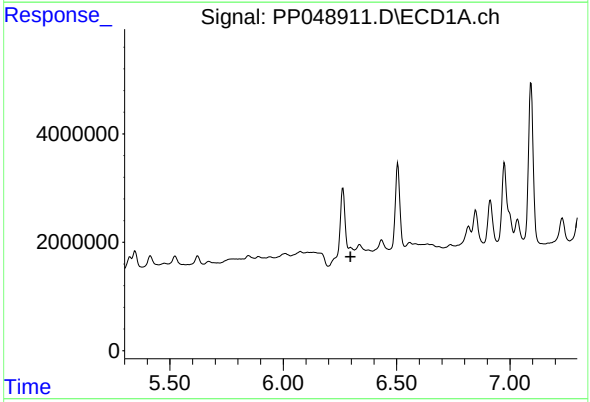
R.T.: 5.847 min
Delta R.T.: -0.001 min
Response: 2194807
Conc: 26.25 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



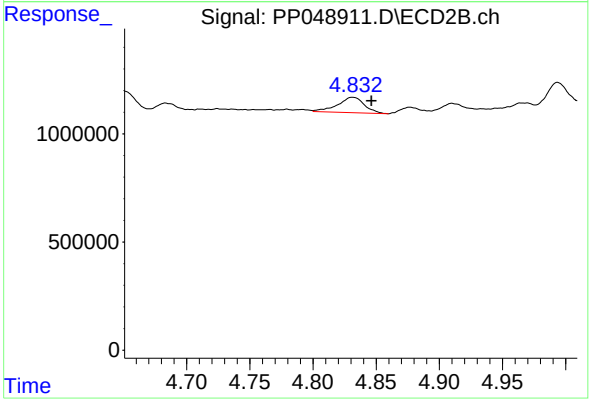

#23 AR-1248-3

R.T.: 4.651 min
Delta R.T.: -0.012 min
Response: 1010400
Conc: 16.92 ng/ml



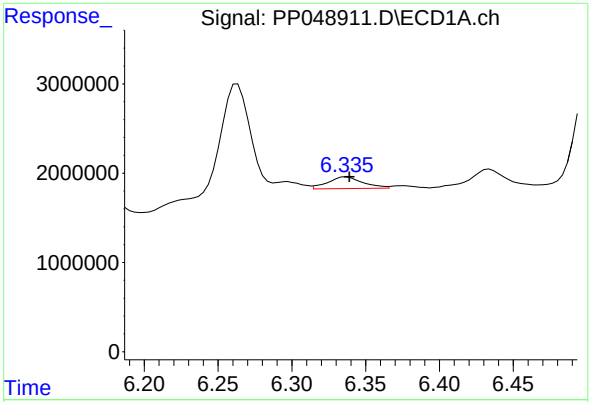

#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.297 min
Response: 0
Conc: N.D.




#24 AR-1248-4

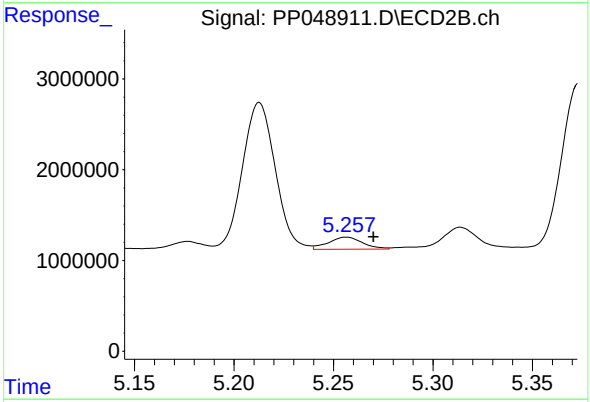
R.T.: 4.831 min
Delta R.T.: -0.015 min
Response: 1043321
Conc: 14.95 ng/ml




#25 AR-1248-5

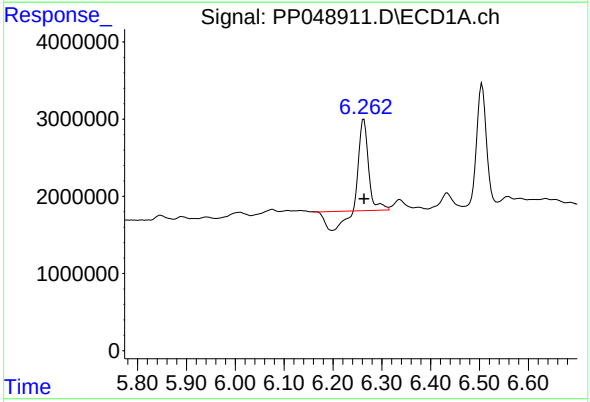
R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 2177863
Conc: 24.60 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



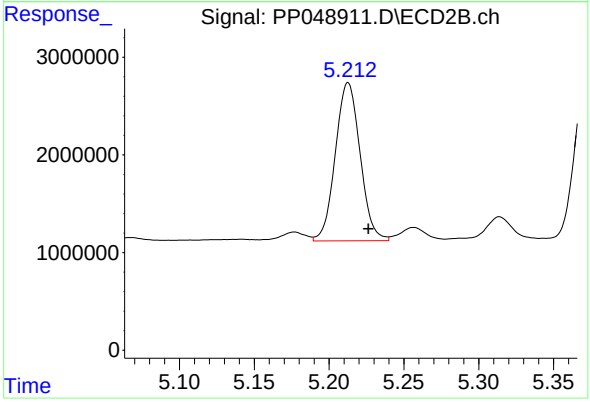

#25 AR-1248-5

R.T.: 5.257 min
Delta R.T.: -0.013 min
Response: 1616503
Conc: 23.62 ng/ml



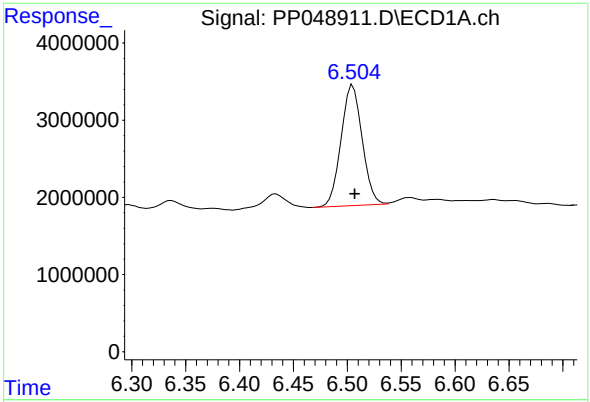

#26 AR-1254-1

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 10757245
Conc: 115.67 ng/ml




#26 AR-1254-1

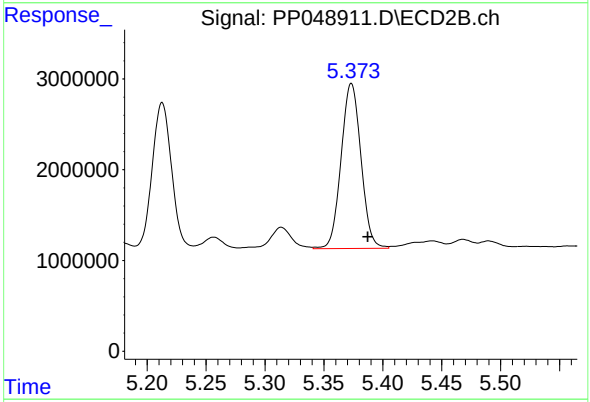
R.T.: 5.213 min
Delta R.T.: -0.013 min
Response: 18673308
Conc: 184.72 ng/ml




#27 AR-1254-2

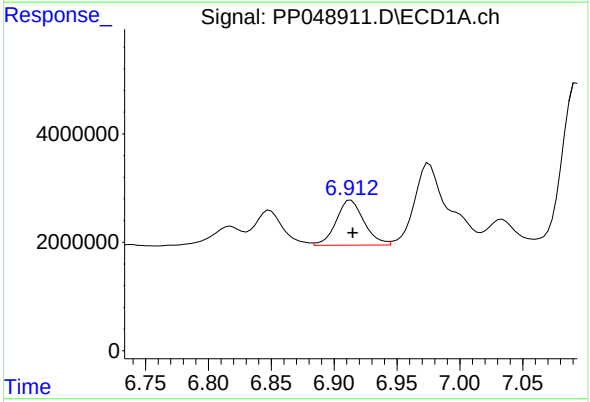
R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 21279575
Conc: 153.41 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



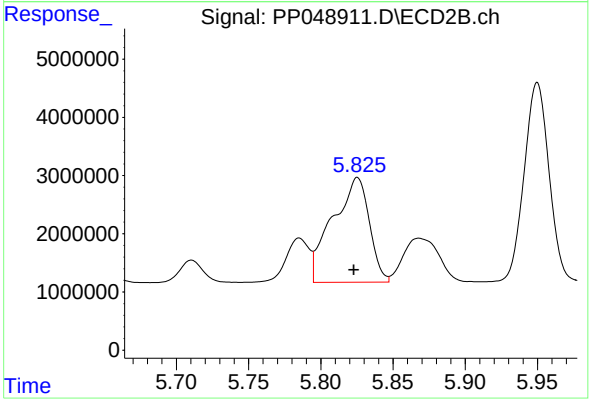

#27 AR-1254-2

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 21334776
Conc: 242.30 ng/ml



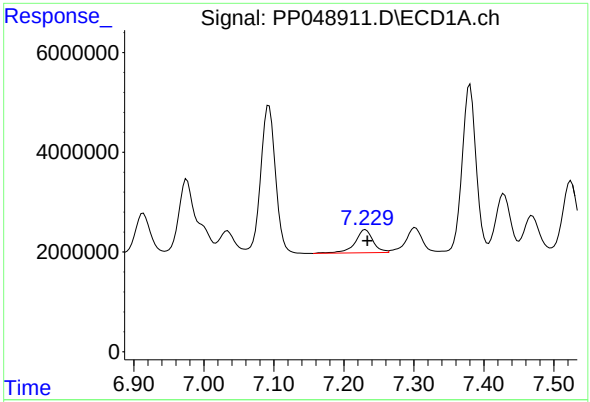

#28 AR-1254-3

R.T.: 6.913 min
Delta R.T.: -0.001 min
Response: 12858083
Conc: 90.43 ng/ml




#28 AR-1254-3

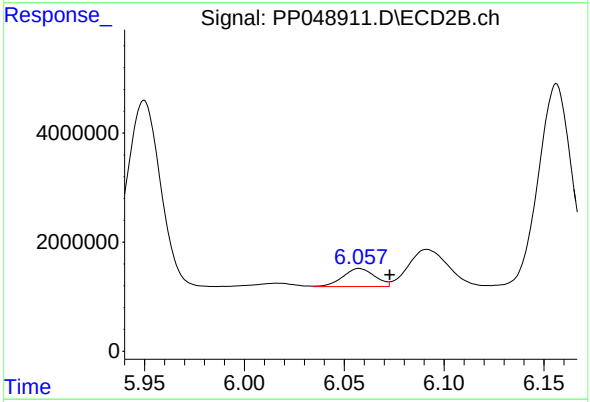
R.T.: 5.825 min
Delta R.T.: 0.003 min
Response: 31810550
Conc: 228.84 ng/ml




#29 AR-1254-4

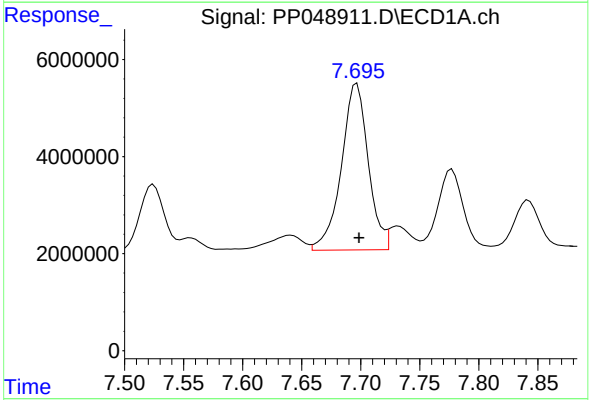
R.T.: 7.231 min
Delta R.T.: -0.003 min
Response: 8295431
Conc: 77.84 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



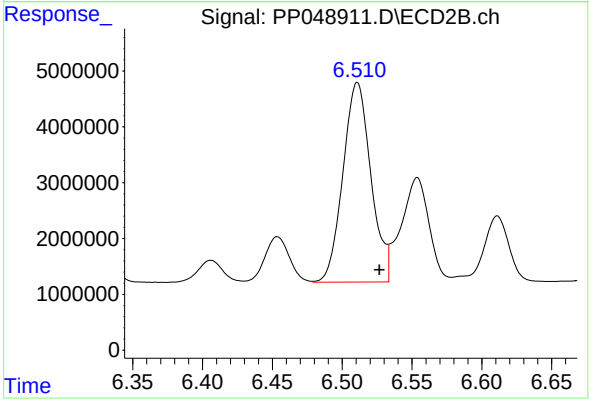

#29 AR-1254-4

R.T.: 6.058 min
Delta R.T.: -0.015 min
Response: 3691483
Conc: 42.57 ng/ml



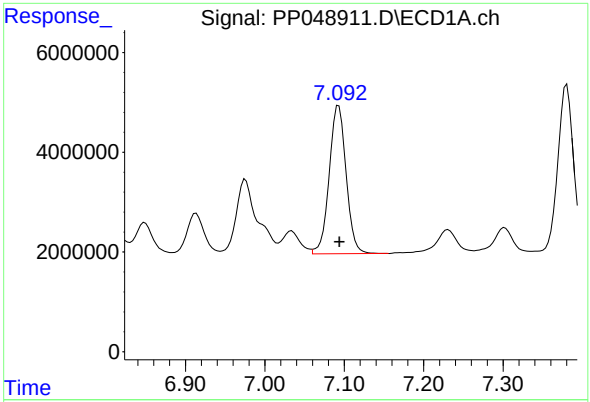

#30 AR-1254-5

R.T.: 7.697 min
Delta R.T.: -0.002 min
Response: 54367389
Conc: 457.98 ng/ml




#30 AR-1254-5

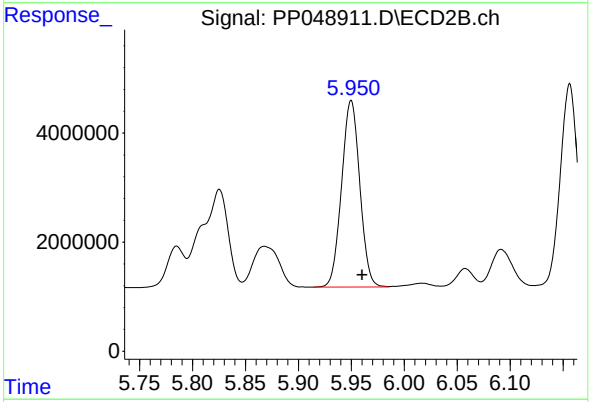
R.T.: 6.511 min
Delta R.T.: -0.016 min
Response: 49808412
Conc: 406.12 ng/ml




#31 AR-1260-1

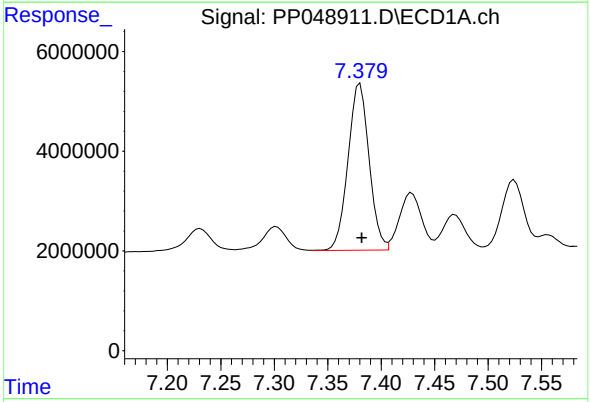
R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 44050332
Conc: 422.76 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



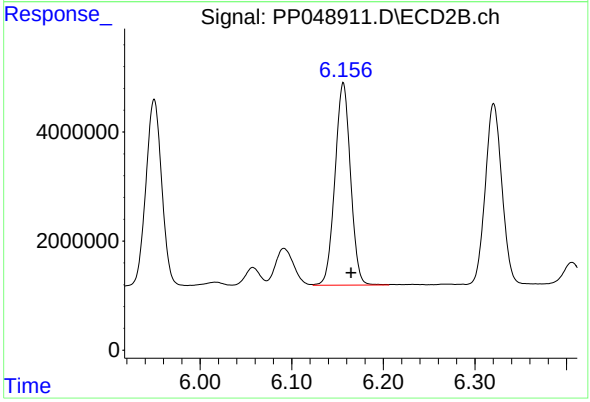

#31 AR-1260-1

R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 41031403
Conc: 486.26 ng/ml



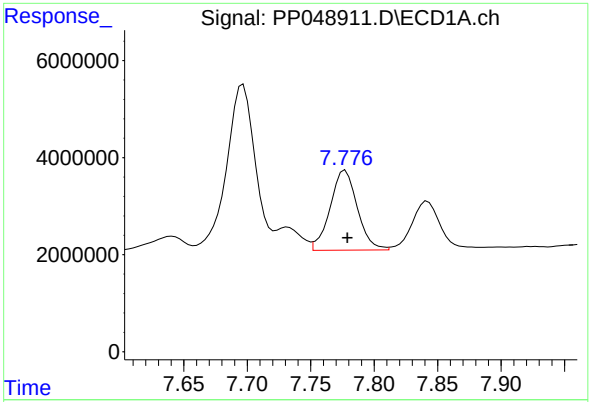

#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: -0.002 min
Response: 45937570
Conc: 377.26 ng/ml




#32 AR-1260-2

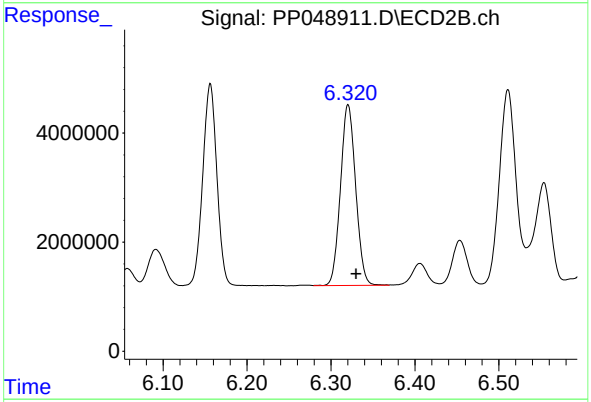
R.T.: 6.156 min
Delta R.T.: -0.009 min
Response: 43742882
Conc: 427.05 ng/ml




#33 AR-1260-3

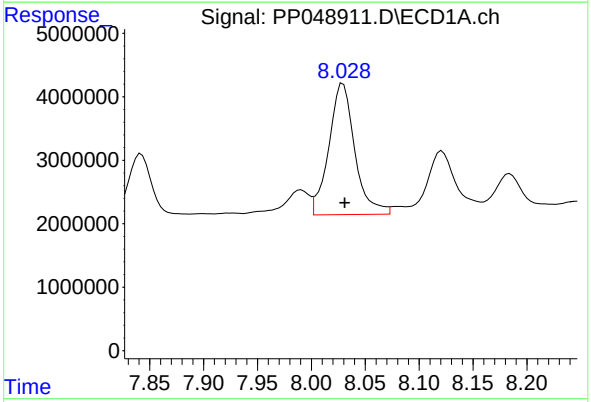
R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 24599008
Conc: 290.56 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



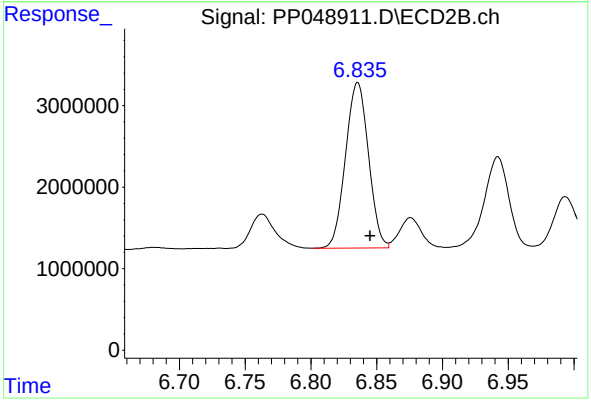

#33 AR-1260-3

R.T.: 6.320 min
Delta R.T.: -0.010 min
Response: 41725499
Conc: 430.55 ng/ml



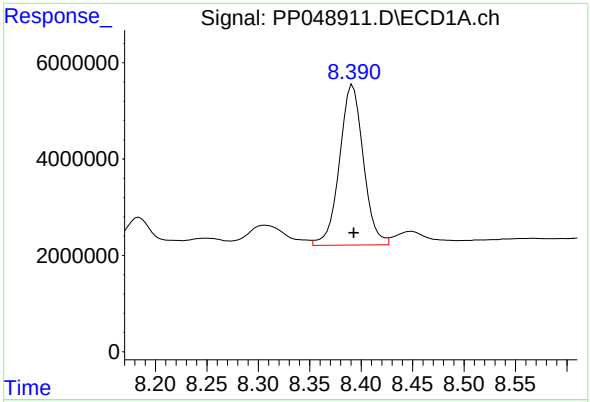

#34 AR-1260-4

R.T.: 8.029 min
Delta R.T.: -0.002 min
Response: 34639976
Conc: 334.81 ng/ml




#34 AR-1260-4

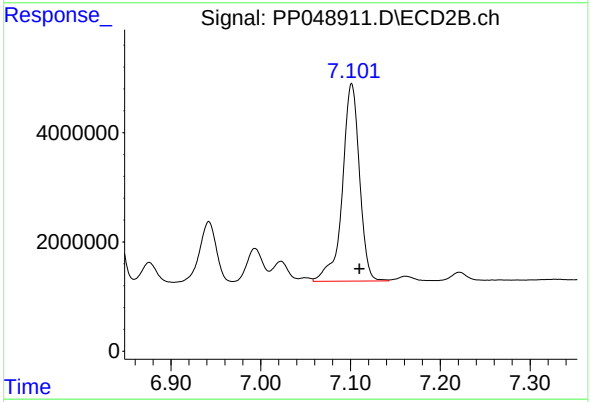
R.T.: 6.836 min
Delta R.T.: -0.009 min
Response: 24709448
Conc: 349.11 ng/ml




#35 AR-1260-5

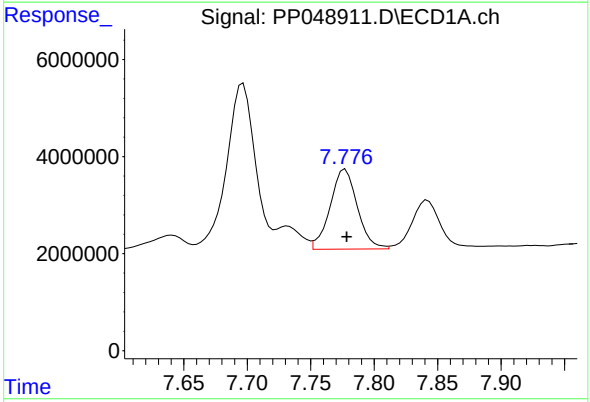
R.T.: 8.392 min
Delta R.T.: 0.000 min
Response: 53632352
Conc: 273.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



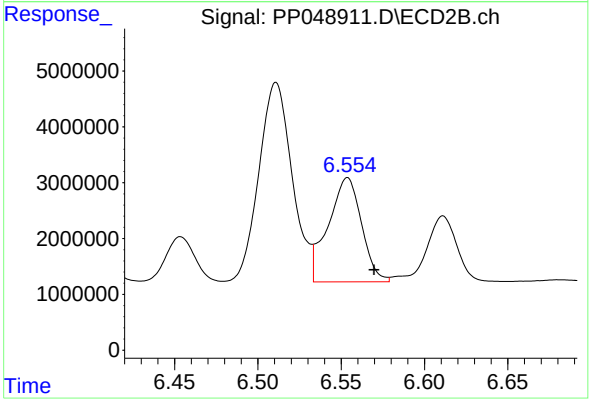

#35 AR-1260-5

R.T.: 7.101 min
Delta R.T.: -0.009 min
Response: 47812034
Conc: 297.72 ng/ml



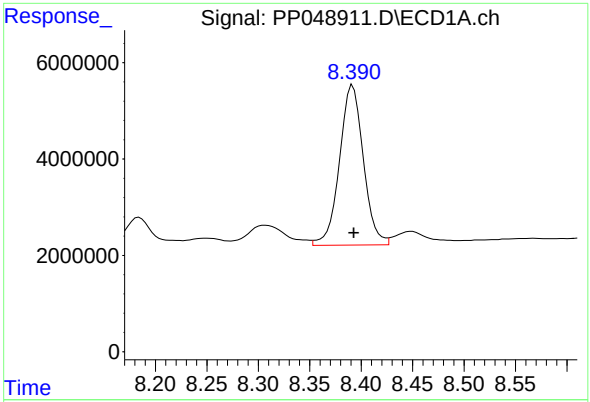

#36 AR-1262-1

R.T.: 7.777 min
Delta R.T.: -0.001 min
Response: 24599008
Conc: 182.74 ng/ml




#36 AR-1262-1

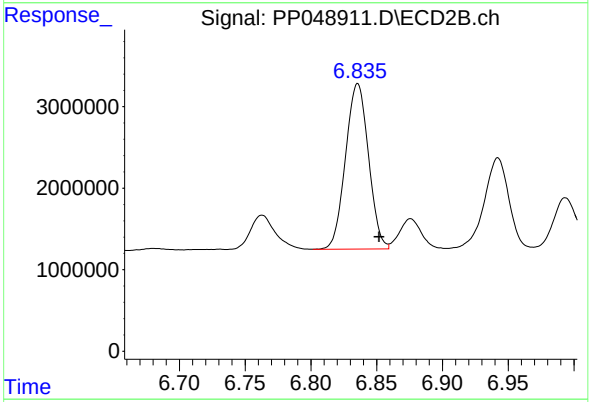
R.T.: 6.554 min
Delta R.T.: -0.016 min
Response: 26001597
Conc: 230.62 ng/ml




#37 AR-1262-2

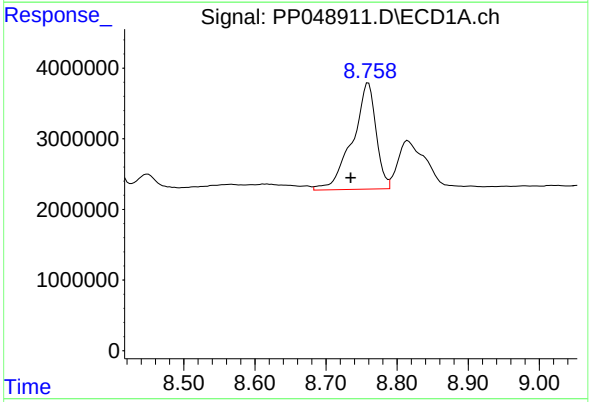
R.T.: 8.392 min
Delta R.T.: 0.000 min
Response: 53632352
Conc: 228.96 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



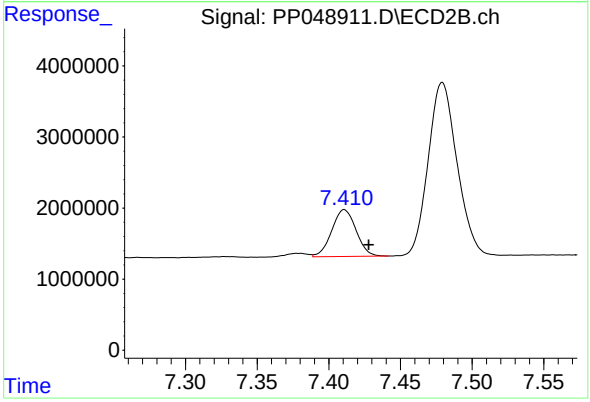

#37 AR-1262-2

R.T.: 6.836 min
Delta R.T.: -0.016 min
Response: 24709448
Conc: 246.61 ng/ml



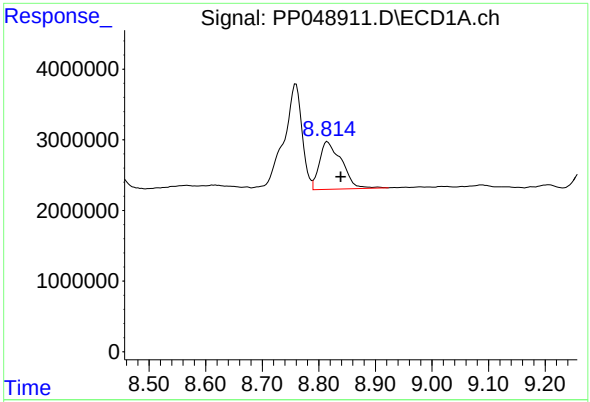

#38 AR-1262-3

R.T.: 8.760 min
Delta R.T.: 0.025 min
Response: 34511397
Conc: 351.98 ng/ml




#38 AR-1262-3

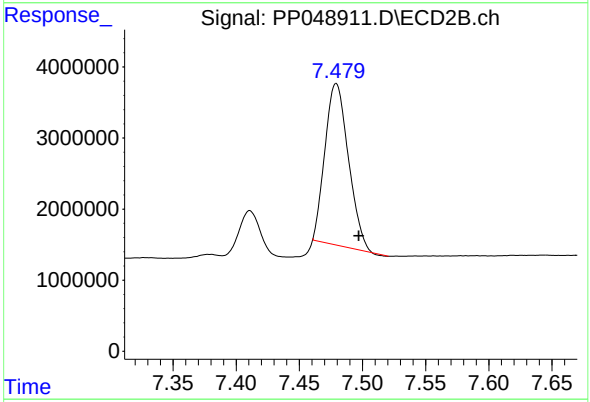
R.T.: 7.411 min
Delta R.T.: -0.017 min
Response: 7781570
Conc: 103.60 ng/ml




#39 AR-1262-4

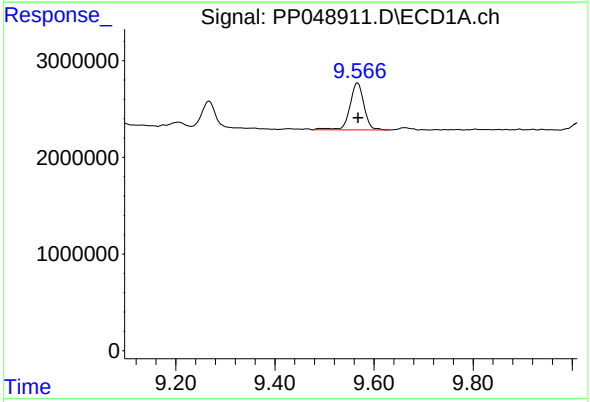
R.T.: 8.815 min
Delta R.T.: -0.023 min
Response: 18360113
Conc: 292.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



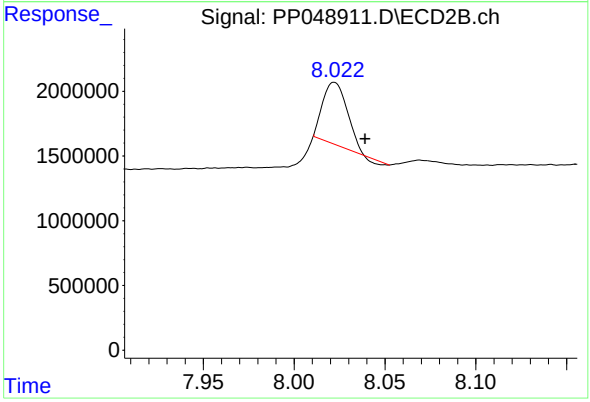

#39 AR-1262-4

R.T.: 7.479 min
Delta R.T.: -0.018 min
Response: 29358851
Conc: 210.83 ng/ml



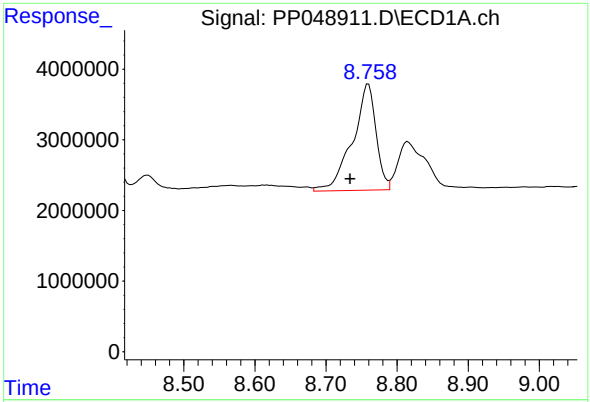

#40 AR-1262-5

R.T.: 9.567 min
Delta R.T.: 0.000 min
Response: 9620385
Conc: 115.55 ng/ml




#40 AR-1262-5

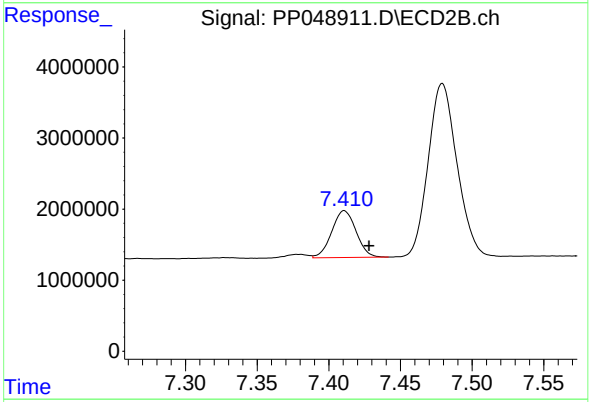
R.T.: 8.022 min
Delta R.T.: -0.017 min
Response: 4376208
Conc: 69.02 ng/ml




#41 AR-1268-1

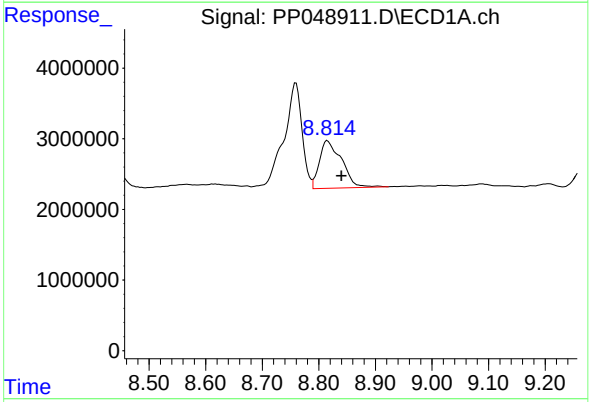
R.T.: 8.760 min
Delta R.T.: 0.026 min
Response: 34511397
Conc: 123.84 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**



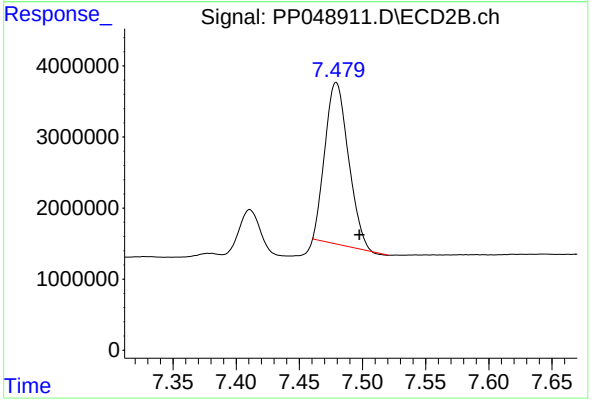

#41 AR-1268-1

R.T.: 7.411 min
Delta R.T.: -0.017 min
Response: 7781570
Conc: 36.79 ng/ml



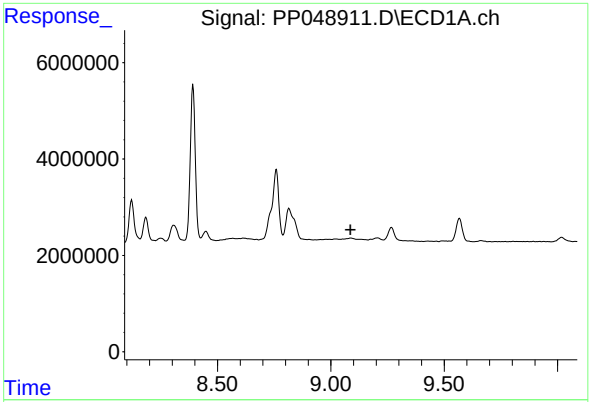

#42 AR-1268-2

R.T.: 8.815 min
Delta R.T.: -0.024 min
Response: 18360113
Conc: 70.86 ng/ml




#42 AR-1268-2

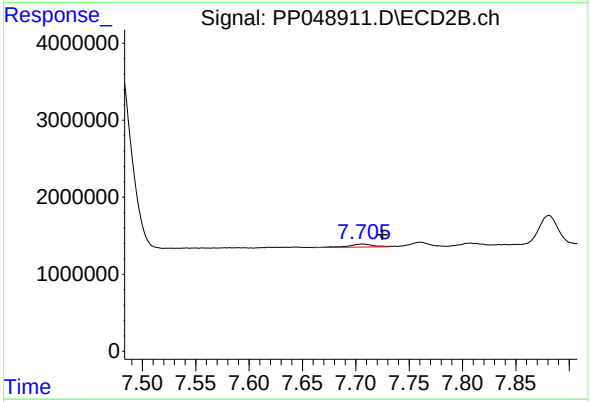
R.T.: 7.479 min
Delta R.T.: -0.018 min
Response: 29358851
Conc: 152.67 ng/ml




#43 AR-1268-3

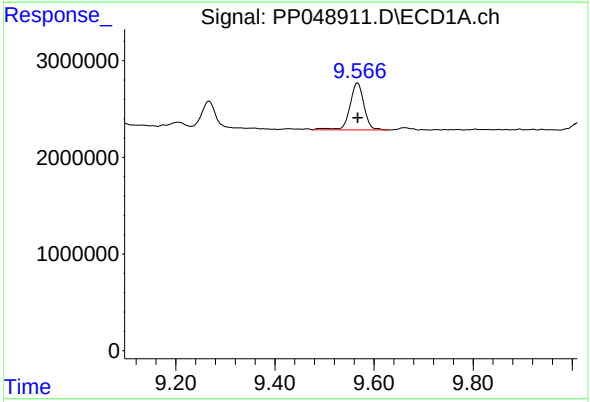
R.T.: 0.000 min
Exp R.T. : 9.087 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**



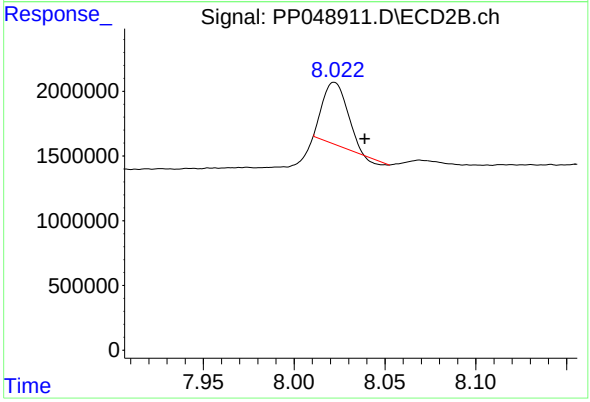

#43 AR-1268-3

R.T.: 7.706 min
Delta R.T.: -0.018 min
Response: 627654
Conc: 3.90 ng/ml



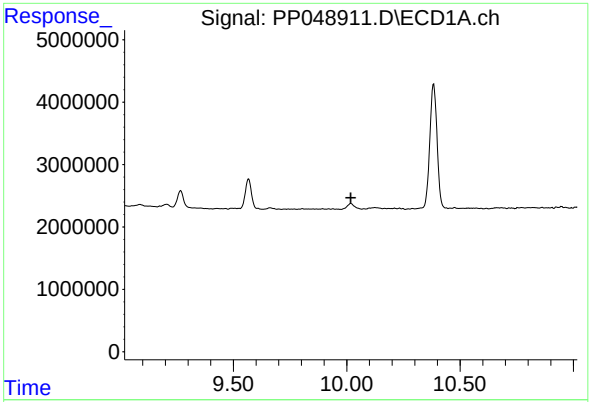

#44 AR-1268-4

R.T.: 9.567 min
Delta R.T.: 0.000 min
Response: 9620385
Conc: 100.83 ng/ml




#44 AR-1268-4

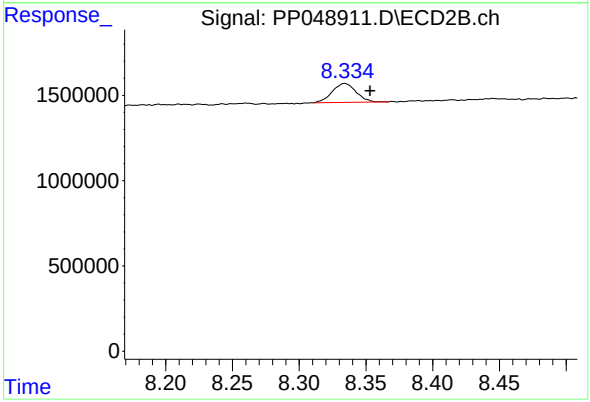
R.T.: 8.022 min
Delta R.T.: -0.017 min
Response: 4376208
Conc: 60.66 ng/ml




#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.019 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**




#45 AR-1268-5

R.T.: 8.334 min
Delta R.T.: -0.019 min
Response: 1396832
Conc: 3.00 ng/ml