Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092921\
Data File : PP039600.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Sep 2021 11:09
Operator : AJ\MA
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:48:57 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092421.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 25 01:28:12 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.906 | 3.995 | 1553195 | 831872 | 49.063 | 51.053 | |
| 2) | SA Decachlor... | 10.929 | 9.332 | 1060098 | 1076185 | 48.866 | 49.248 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 0.000 | 5.260 | 0 | 3617 | N.D. | 5.019 | # |
| 4) | L1 AR-1016-2 | 0.000 | 5.260f | 0 | 3617 | N.D. | 3.666 | # |
| 6) | L1 AR-1016-4 | 0.000 | 5.525 | 0 | 225165 | N.D. | 508.172 | # |
| 7) | L1 AR-1016-5 | 6.740 | 5.755 | 158550 | 110218 | 214.213 | 199.366 | |
| 9) | L2 AR-1221-2 | 0.000 | 4.351 | 0 | 11778 | N.D. | 69.114 | # |
| 10) | L2 AR-1221-3 | 0.000 | 4.435 | 0 | 10128 | N.D. | 18.732 | # |
| 11) | L3 AR-1232-1 | 0.000 | 4.435 | 0 | 10128 | N.D. | 25.045 | # |
| 12) | L3 AR-1232-2 | 0.000 | 5.260f | 0 | 3617 | N.D. | 8.662 | # |
| 14) | L3 AR-1232-4 | 0.000 | 5.569 | 0 | 59028 | N.D. | 251.503 | # |
| 15) | L3 AR-1232-5 | 6.522 | 5.755 | 280908 | 110218 | 1218.845 | 504.543 | # |
| 16) | L4 AR-1242-1 | 0.000 | 5.260 | 0 | 3617 | N.D. | 6.744 | # |
| 17) | L4 AR-1242-2 | 0.000 | 5.260f | 0 | 3617 | N.D. | 4.939 | # |
| 19) | L4 AR-1242-4 | 0.000 | 5.569 | 0 | 59028 | N.D. | 139.731 | # |
| 20) | L4 AR-1242-5 | 7.211 | 6.138 | 155896 | 511268 | 251.009 | 963.472 | # |
| 21) | L5 AR-1248-1 | 0.000 | 5.260 | 0 | 3617 | N.D. | 8.330 | # |
| 22) | L5 AR-1248-2 | 6.522 | 5.525 | 280908 | 225165 | 340.426 | 379.964 | |
| 23) | L5 AR-1248-3 | 6.740 | 5.569 | 158550 | 59028 | 161.198 | 97.419 | # |
| 24) | L5 AR-1248-4 | 7.170 | 5.755 | 253155 | 110218 | 233.199 | 161.862 | # |
| 25) | L5 AR-1248-5 | 7.211 | 6.180 | 155896 | 59446 | 149.397 | 84.336 | # |
| 26) | L6 AR-1254-1 | 7.139 | 6.138 | 531913 | 511268 | 487.317 | 491.070 | |
| 27) | L6 AR-1254-2 | 7.369 | 6.297 | 771154 | 469468 | 477.418 | 487.150 | |
| 28) | L6 AR-1254-3 | 7.751 | 6.721 | 798932 | 740831 | 480.168 | 492.459 | |
| 29) | L6 AR-1254-4 | 8.047 | 6.960 | 559317 | 467278 | 457.881 | 485.263 | |
| 30) | L6 AR-1254-5 | 8.478 | 7.393 | 589597 | 699241 | 464.688 | 496.784 | |
| 31) | L7 AR-1260-1 | 7.918 | 6.859 | 348798 | 386696 | 283.836 | 359.079 | # |
| 32) | L7 AR-1260-2 | 8.184 | 7.056 | 340741 | 327364 | 246.123 | 255.594 | |
| 33) | L7 AR-1260-3 | 8.539 | 7.211 | 72229 | 334361 | 87.327 | 277.930 | # |
| 34) | L7 AR-1260-4 | 8.774 | 7.698 | 222937 | 37820 | 223.616 | 40.608 | # |
| 35) | L7 AR-1260-5 | 9.106 | 7.944 | 59441 | 86784 | 31.367 | 40.460 | # |
| 36) | L8 AR-1262-1 | 8.539 | 7.393 | 72229 | 699241 | 54.093 | 991.850 | # |
| 37) | L8 AR-1262-2 | 9.106 | 7.944 | 59441 | 86784 | 27.024 | 38.202 | # |
| 38) | L8 AR-1262-3 | 9.438f | 0.000 | 67173 | 0 | 68.812 | N.D. | # |
| 39) | L8 AR-1262-4 | 9.487f | 8.294 | 15166 | 101224 | 25.355 | 56.355 | # |
| 40) | L8 AR-1262-5 | 0.000 | 8.797 | 0 | 7930 | N.D. | 8.710 | # |
| 41) | L9 AR-1268-1 | 9.438f | 0.000 | 67173 | 0 | 24.945 | N.D. | # |
| 42) | L9 AR-1268-2 | 9.487f | 8.294 | 15166 | 101224 | 5.888 | 37.973 | # |
| 43) | L9 AR-1268-3 | 0.000 | 8.542f | 0 | 14941 | N.D. | 6.512 | # |
| 44) | L9 AR-1268-4 | 0.000 | 8.797 | 0 | 7930 | N.D. | 7.704 | # |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092921\
Data File : PP039600.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Sep 2021 11:09
Operator : AJ\MA
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:48:57 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092421.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 25 01:28:12 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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 |
|---|---|---|---|---|---|---|

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

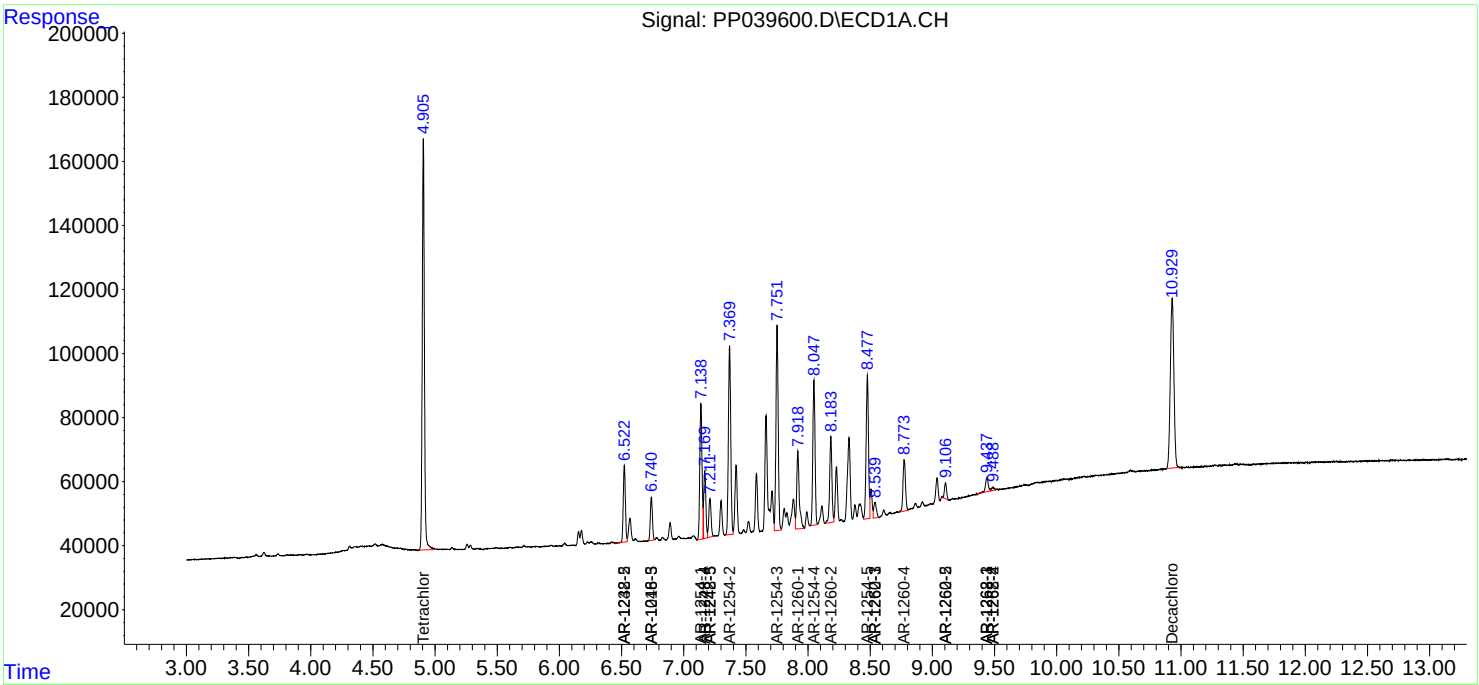
Quantitation Report (Not Reviewed)

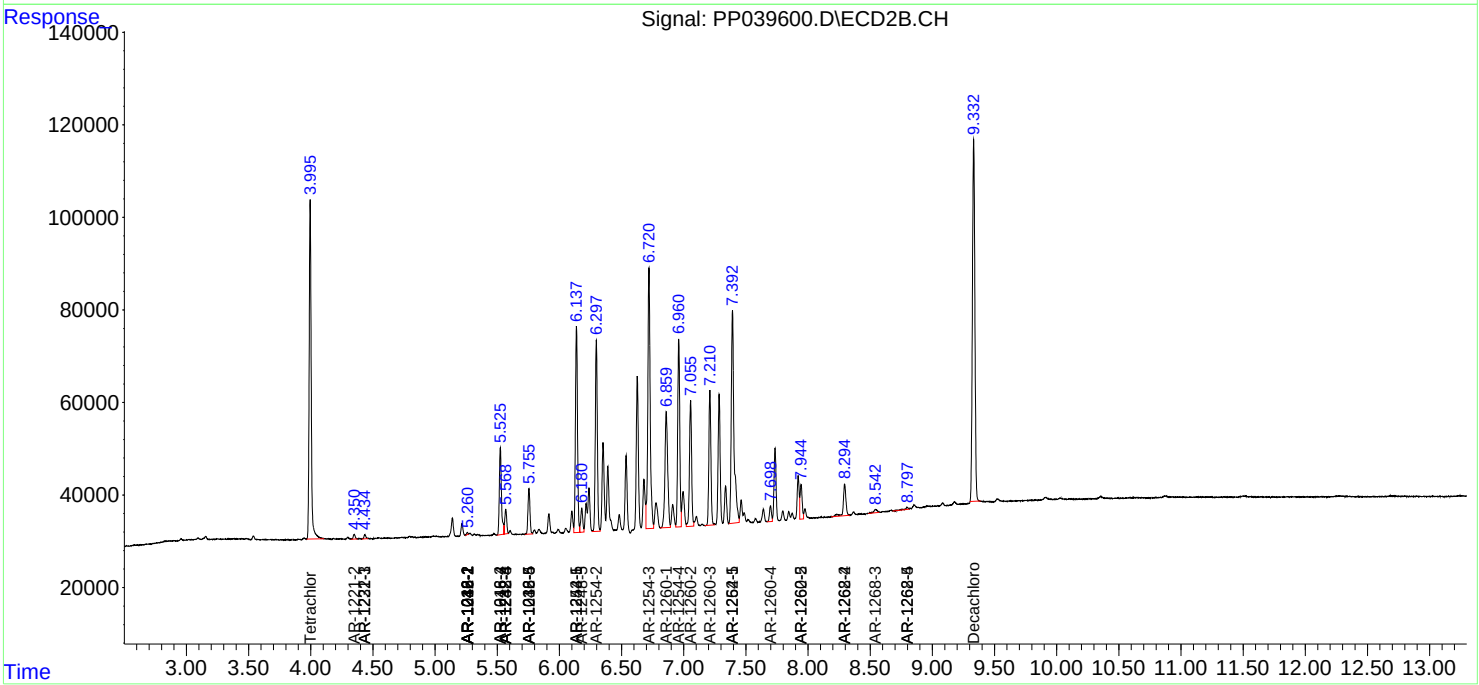
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092921\
Data File : PP039600.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Sep 2021 11:09
Operator : AJ\MA
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

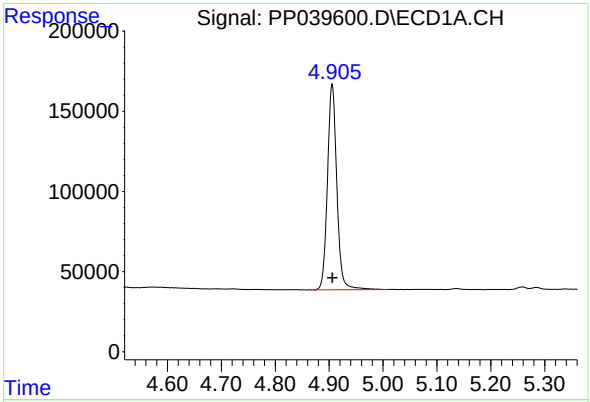
**Instrument :**
ECD_P
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:48:57 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092421.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 25 01:28:12 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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



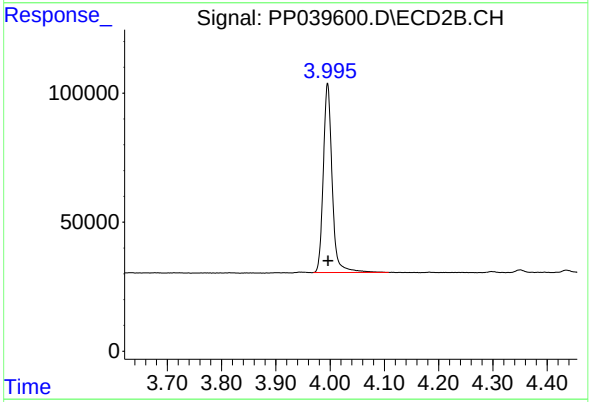






#1 Tetrachloro-m-xylene

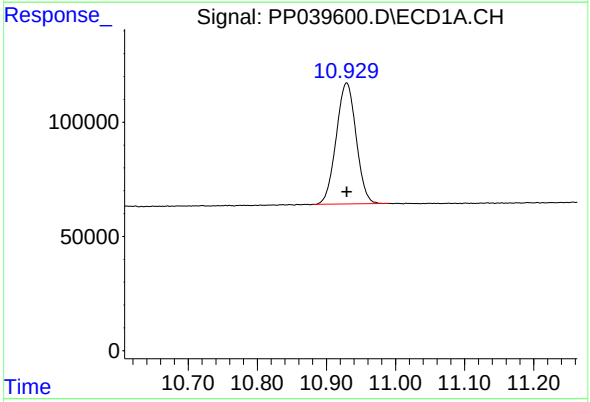
R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 1553195
Conc: 49.06 ng/ml

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



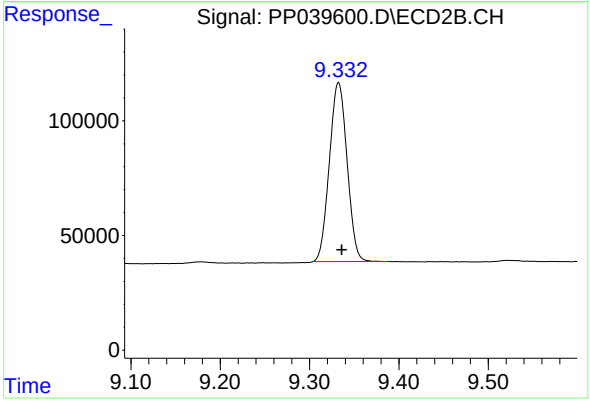

#1 Tetrachloro-m-xylene

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 831872
Conc: 51.05 ng/ml



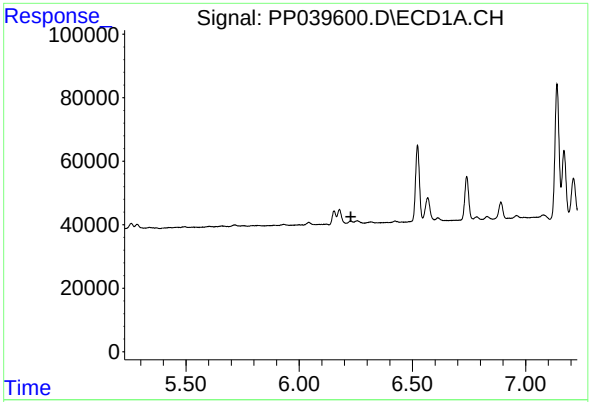

#2 Decachlorobiphenyl

R.T.: 10.929 min
Delta R.T.: 0.000 min
Response: 1060098
Conc: 48.87 ng/ml




#2 Decachlorobiphenyl

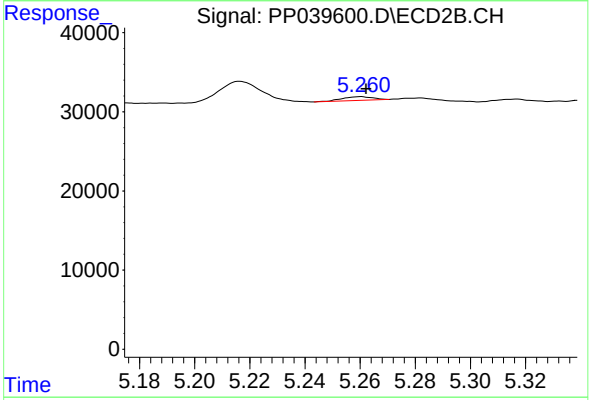
R.T.: 9.332 min
Delta R.T.: -0.004 min
Response: 1076185
Conc: 49.25 ng/ml




#3 AR-1016-1

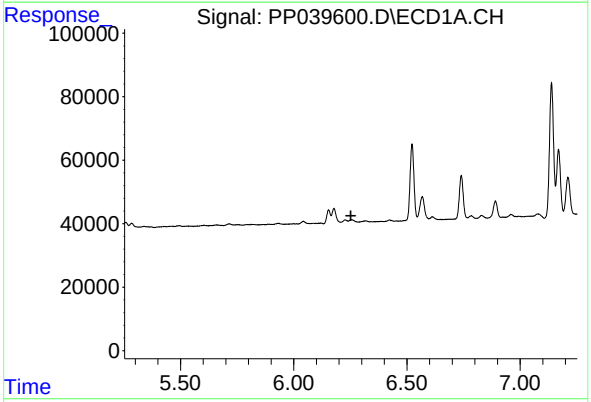
R.T.: 0.000 min
Exp R.T. : 6.229 min
Response: 0
Conc: N.D.

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



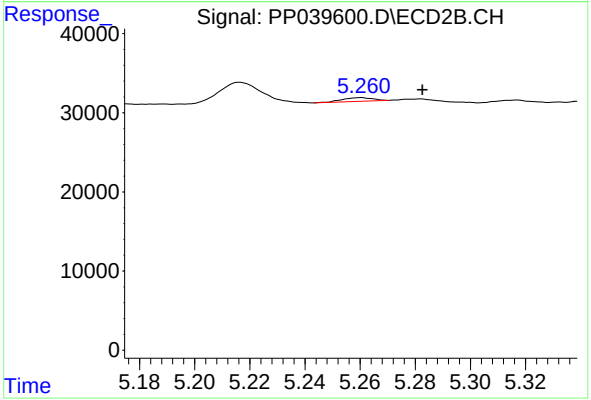

#3 AR-1016-1

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 3617
Conc: 5.02 ng/ml



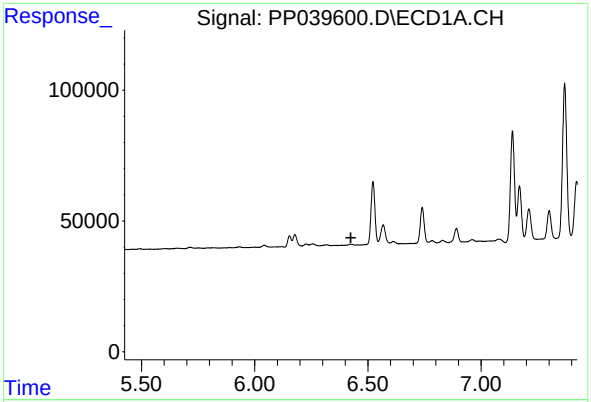

#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.252 min
Response: 0
Conc: N.D.




#4 AR-1016-2

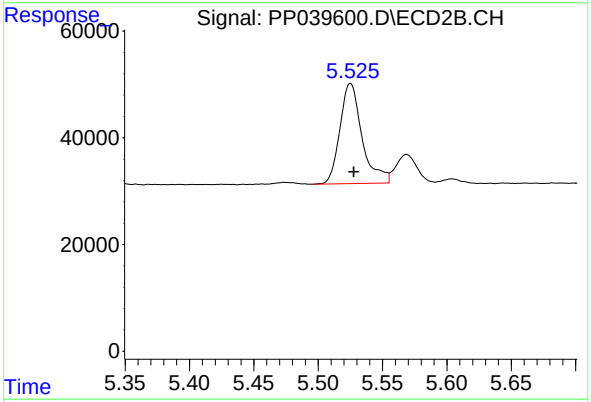
R.T.: 5.260 min
Delta R.T.: -0.022 min
Response: 3617
Conc: 3.67 ng/ml




#6 AR-1016-4

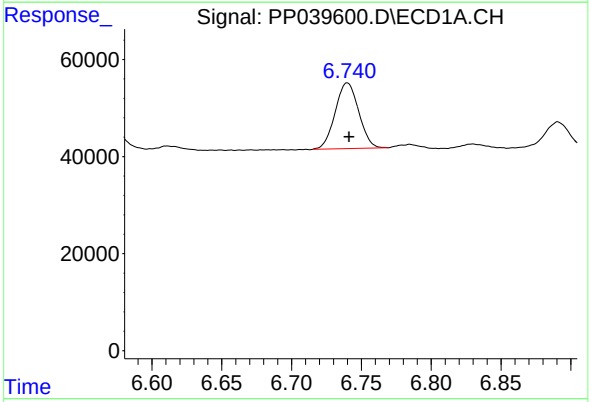
R.T.: 0.000 min
Exp R.T. : 6.425 min
Response: 0
Conc: N.D.

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



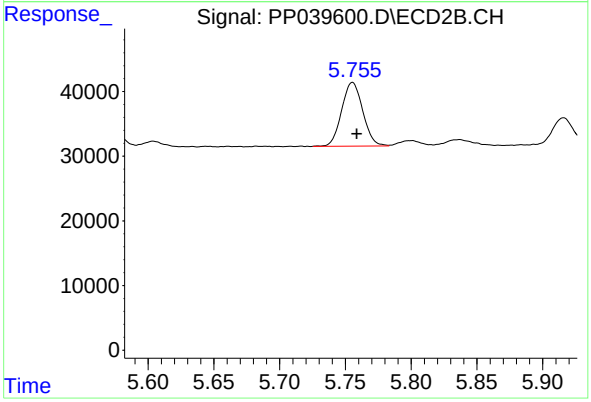

#6 AR-1016-4

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 225165
Conc: 508.17 ng/ml



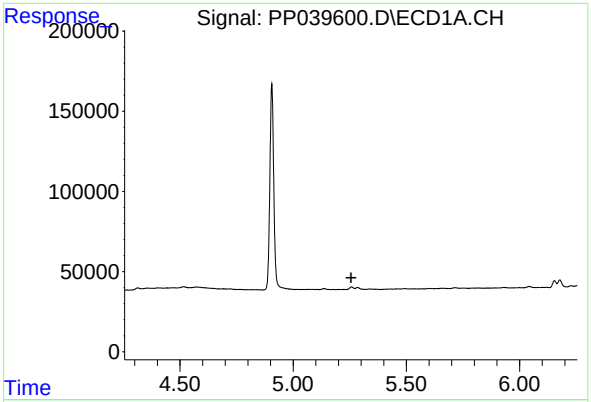

#7 AR-1016-5

R.T.: 6.740 min
Delta R.T.: -0.001 min
Response: 158550
Conc: 214.21 ng/ml




#7 AR-1016-5

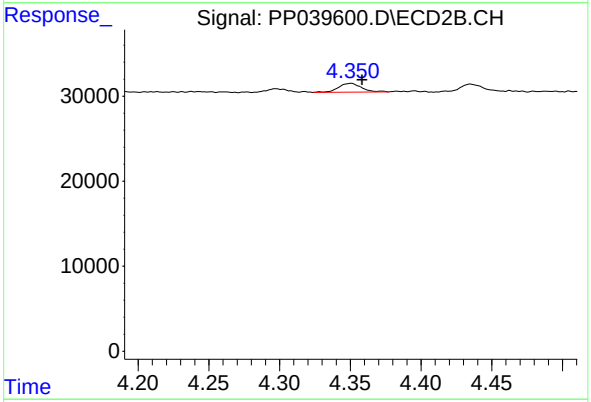
R.T.: 5.755 min
Delta R.T.: -0.003 min
Response: 110218
Conc: 199.37 ng/ml




#9 AR-1221-2

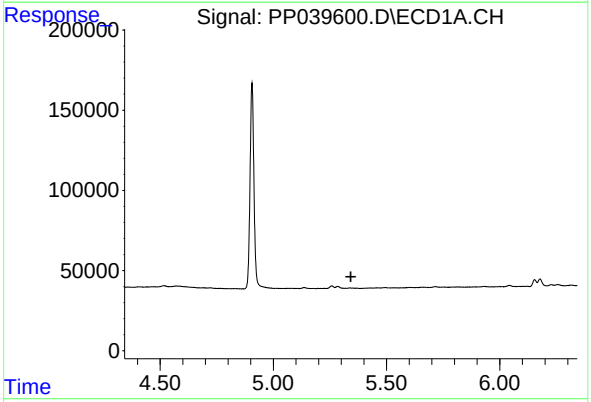
R.T.: 0.000 min
Exp R.T. : 5.255 min
Response: 0
Conc: N.D.

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



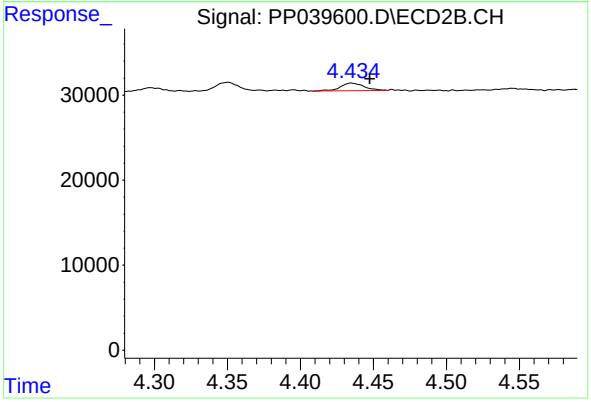

#9 AR-1221-2

R.T.: 4.351 min
Delta R.T.: -0.008 min
Response: 11778
Conc: 69.11 ng/ml



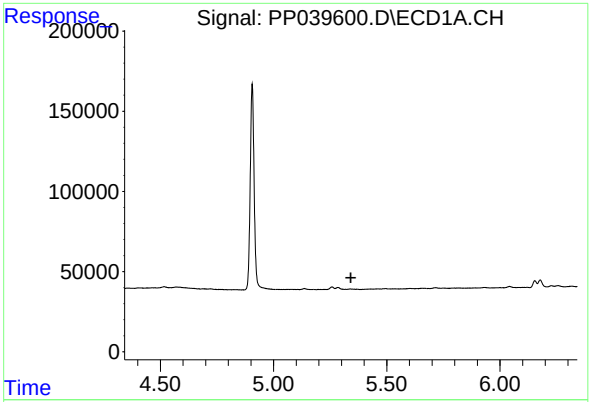

#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.343 min
Response: 0
Conc: N.D.




#10 AR-1221-3

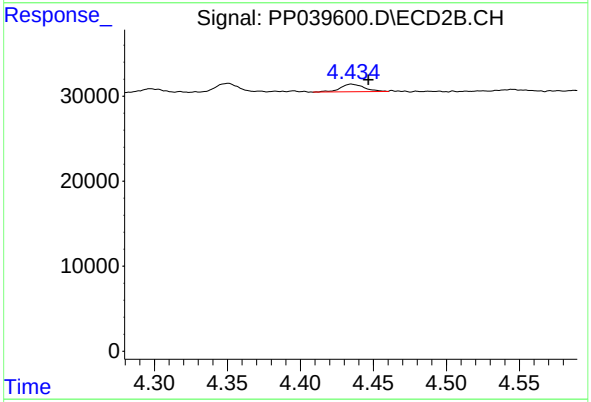
R.T.: 4.435 min
Delta R.T.: -0.013 min
Response: 10128
Conc: 18.73 ng/ml




#11 AR-1232-1

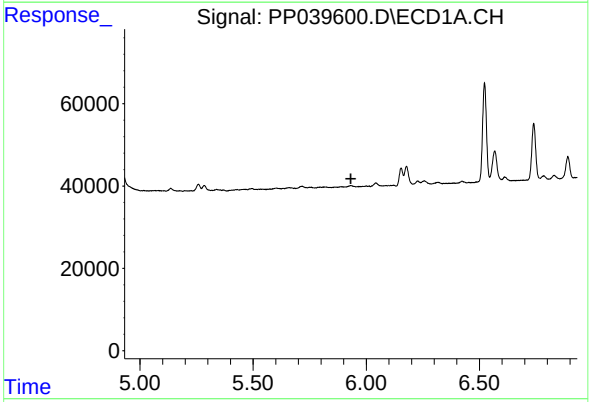
R.T.: 0.000 min
Exp R.T. : 5.342 min
Response: 0
Conc: N.D.

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



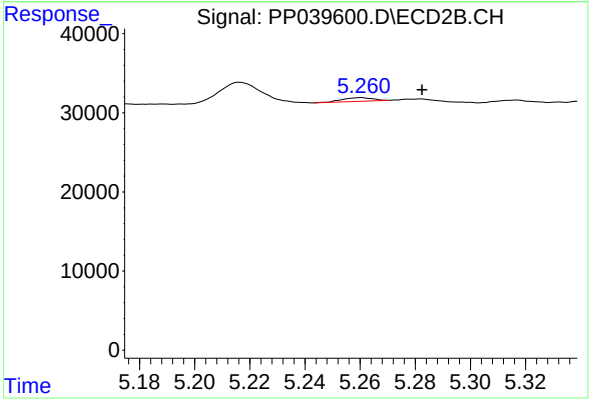

#11 AR-1232-1

R.T.: 4.435 min
Delta R.T.: -0.012 min
Response: 10128
Conc: 25.05 ng/ml



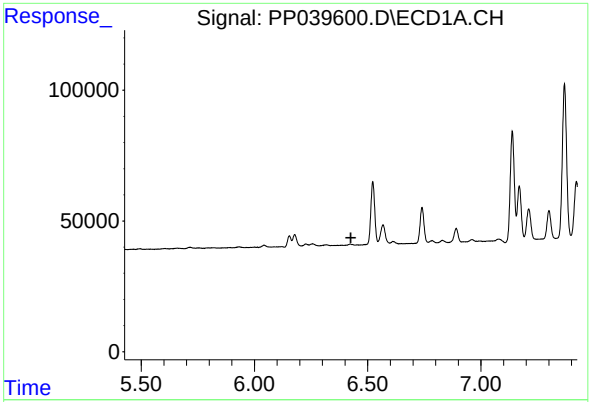

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.932 min
Response: 0
Conc: N.D.




#12 AR-1232-2

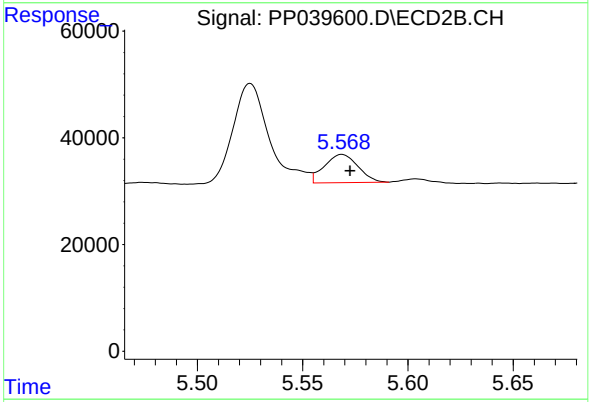
R.T.: 5.260 min
Delta R.T.: -0.022 min
Response: 3617
Conc: 8.66 ng/ml




#14 AR-1232-4

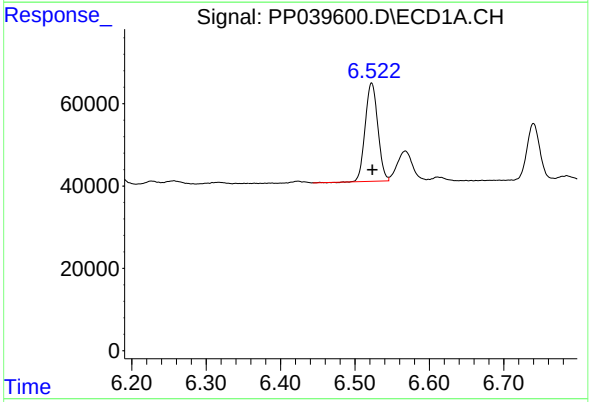
R.T.: 0.000 min
Exp R.T. : 6.426 min
Response: 0
Conc: N.D.

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



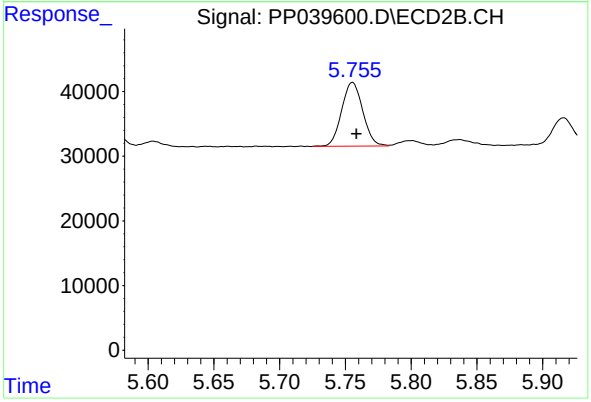

#14 AR-1232-4

R.T.: 5.569 min
Delta R.T.: -0.004 min
Response: 59028
Conc: 251.50 ng/ml



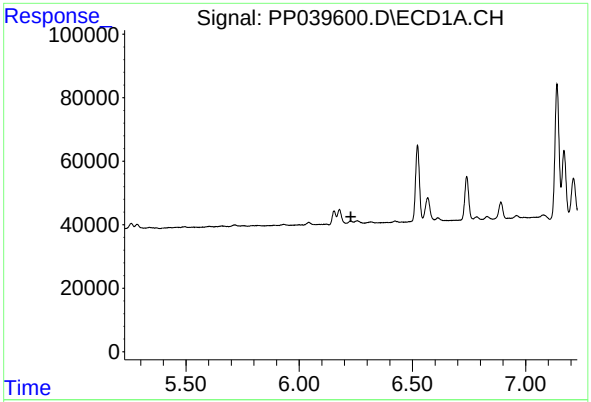

#15 AR-1232-5

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 280908
Conc: 1218.84 ng/ml




#15 AR-1232-5

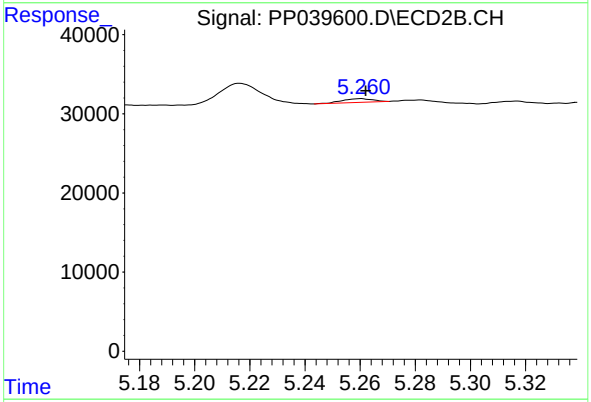
R.T.: 5.755 min
Delta R.T.: -0.003 min
Response: 110218
Conc: 504.54 ng/ml




#16 AR-1242-1

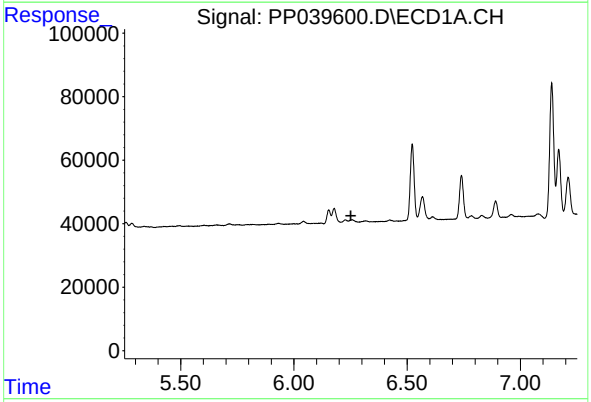
R.T.: 0.000 min
Exp R.T. : 6.228 min
Response: 0
Conc: N.D.

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



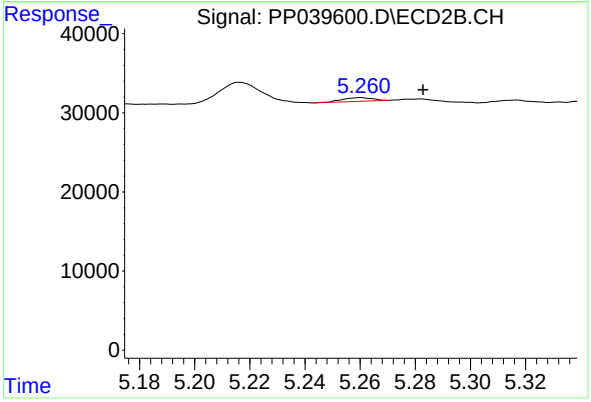

#16 AR-1242-1

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 3617
Conc: 6.74 ng/ml



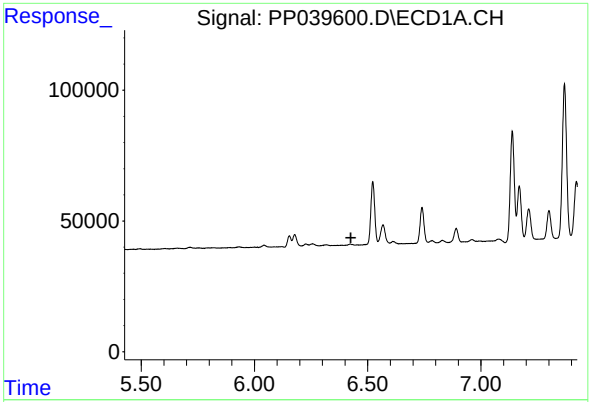

#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.252 min
Response: 0
Conc: N.D.




#17 AR-1242-2

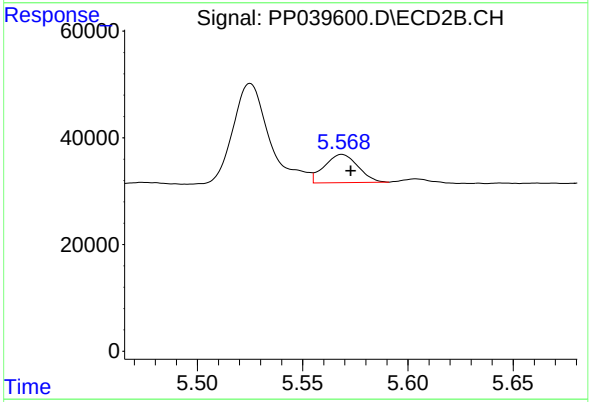
R.T.: 5.260 min
Delta R.T.: -0.022 min
Response: 3617
Conc: 4.94 ng/ml




#19 AR-1242-4

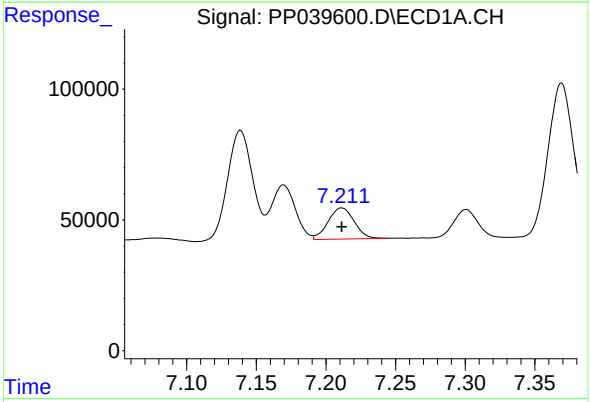
R.T.: 0.000 min
Exp R.T. : 6.426 min
Response: 0
Conc: N.D.

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



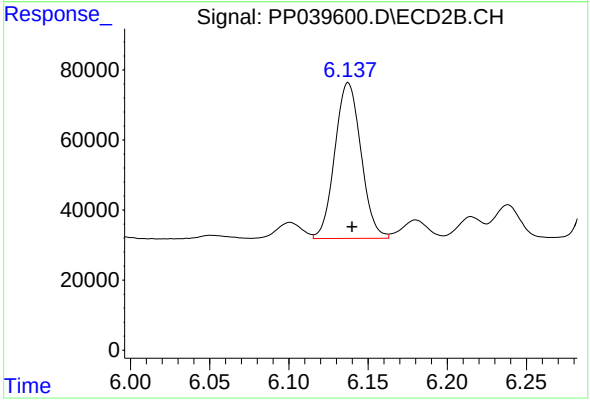

#19 AR-1242-4

R.T.: 5.569 min
Delta R.T.: -0.004 min
Response: 59028
Conc: 139.73 ng/ml



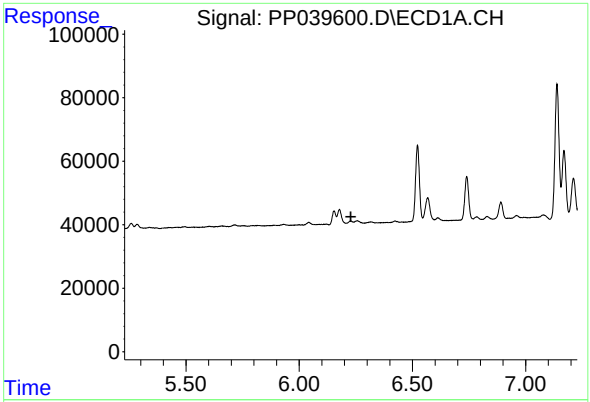

#20 AR-1242-5

R.T.: 7.211 min
Delta R.T.: 0.000 min
Response: 155896
Conc: 251.01 ng/ml




#20 AR-1242-5

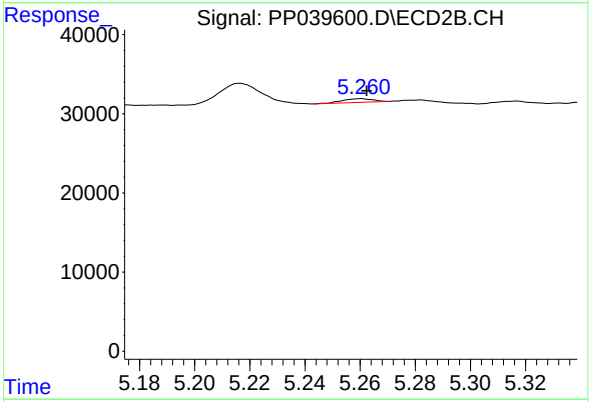
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 511268
Conc: 963.47 ng/ml




#21 AR-1248-1

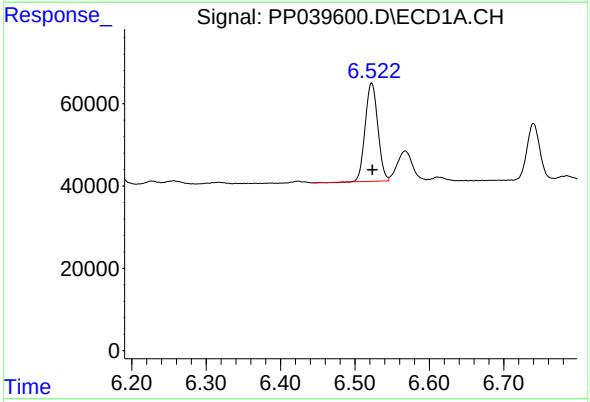
R.T.: 0.000 min
Exp R.T. : 6.228 min
Response: 0
Conc: N.D.

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



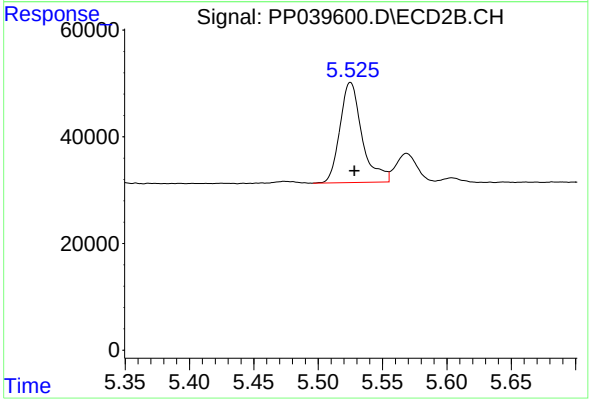

#21 AR-1248-1

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 3617
Conc: 8.33 ng/ml



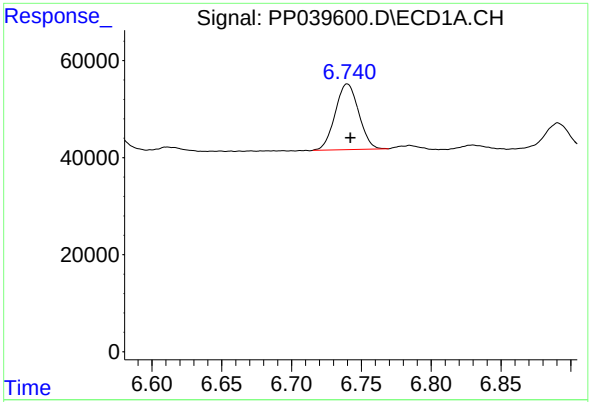

#22 AR-1248-2

R.T.: 6.522 min
Delta R.T.: -0.001 min
Response: 280908
Conc: 340.43 ng/ml




#22 AR-1248-2

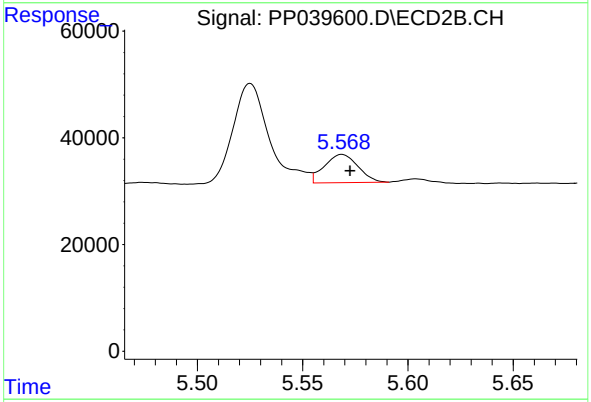
R.T.: 5.525 min
Delta R.T.: -0.003 min
Response: 225165
Conc: 379.96 ng/ml




#23 AR-1248-3

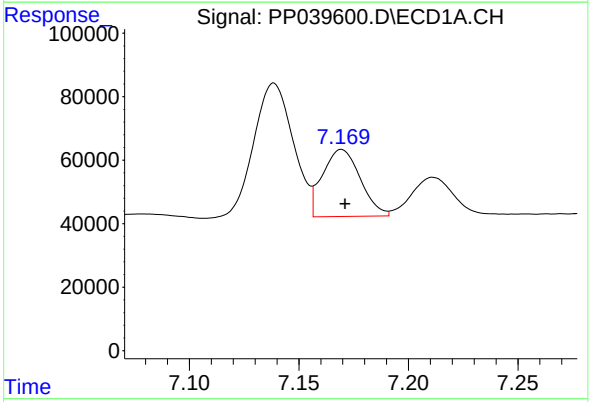
R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 158550
Conc: 161.20 ng/ml

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



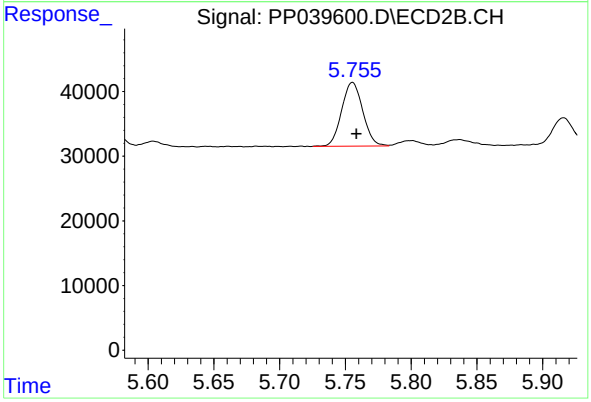

#23 AR-1248-3

R.T.: 5.569 min
Delta R.T.: -0.004 min
Response: 59028
Conc: 97.42 ng/ml



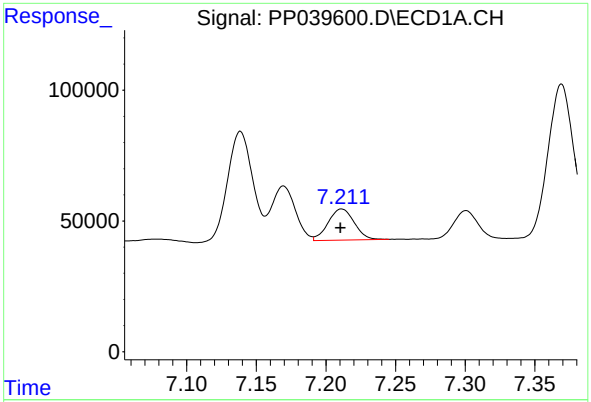

#24 AR-1248-4

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 253155
Conc: 233.20 ng/ml




#24 AR-1248-4

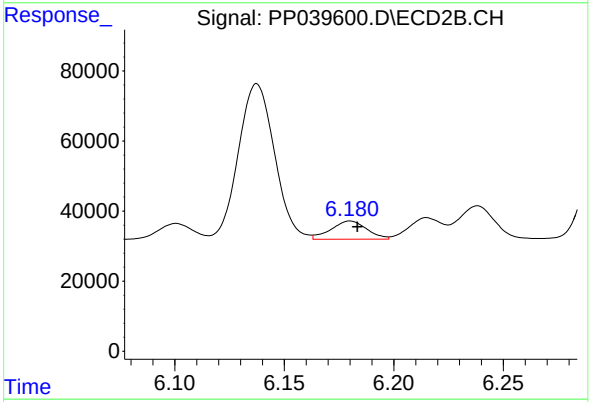
R.T.: 5.755 min
Delta R.T.: -0.003 min
Response: 110218
Conc: 161.86 ng/ml




#25 AR-1248-5

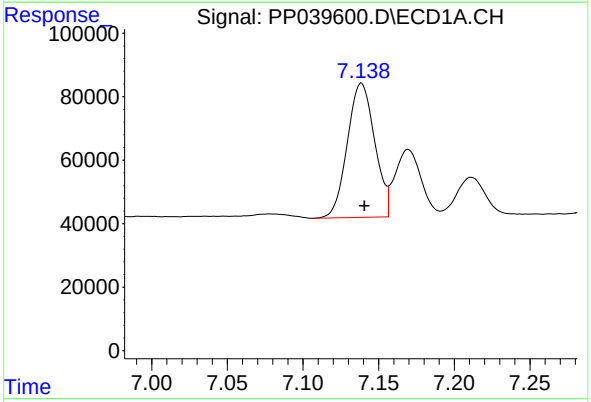
R.T.: 7.211 min
Delta R.T.: 0.000 min
Response: 155896
Conc: 149.40 ng/ml

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



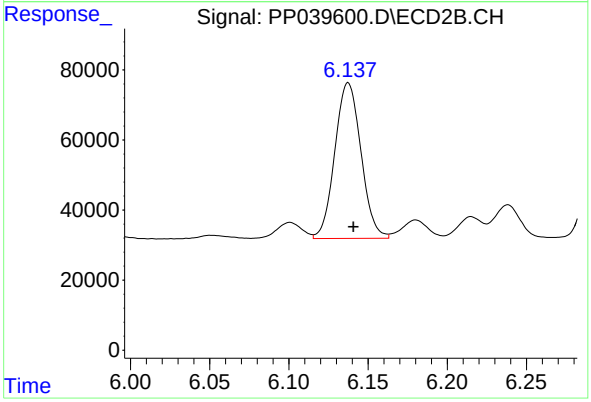

#25 AR-1248-5

R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 59446
Conc: 84.34 ng/ml



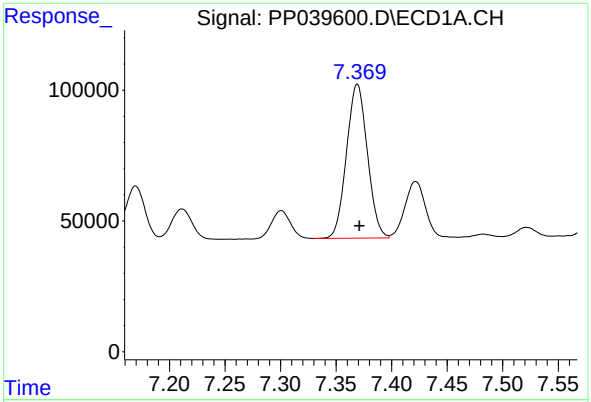

#26 AR-1254-1

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 531913
Conc: 487.32 ng/ml




#26 AR-1254-1

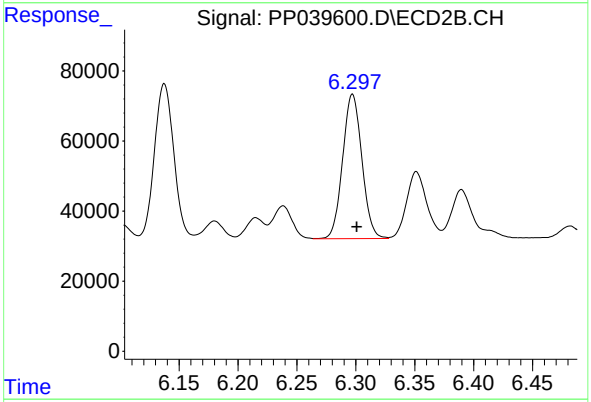
R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 511268
Conc: 491.07 ng/ml




#27 AR-1254-2

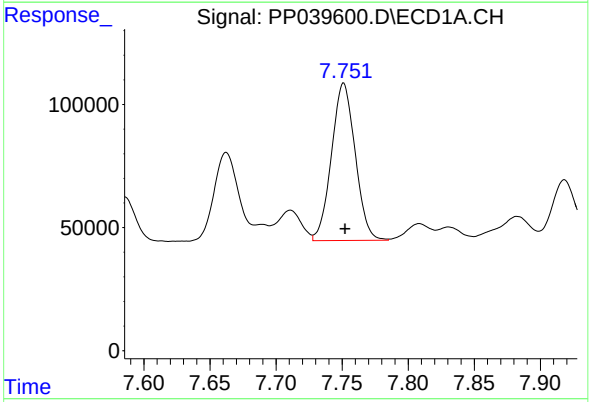
R.T.: 7.369 min
Delta R.T.: -0.002 min
Response: 771154
Conc: 477.42 ng/ml

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



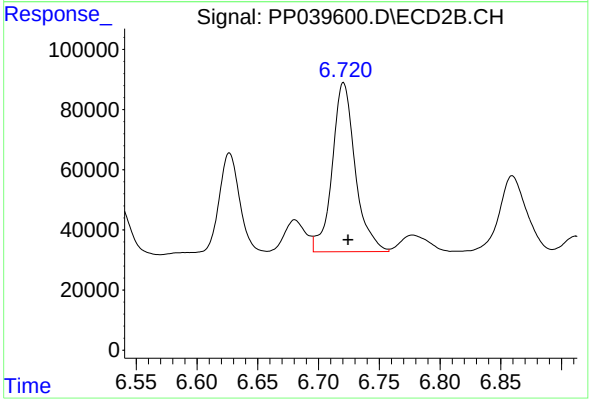

#27 AR-1254-2

R.T.: 6.297 min
Delta R.T.: -0.004 min
Response: 469468
Conc: 487.15 ng/ml



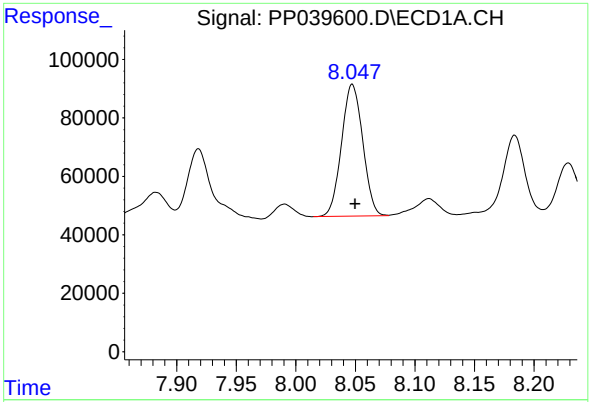

#28 AR-1254-3

R.T.: 7.751 min
Delta R.T.: -0.001 min
Response: 798932
Conc: 480.17 ng/ml




#28 AR-1254-3

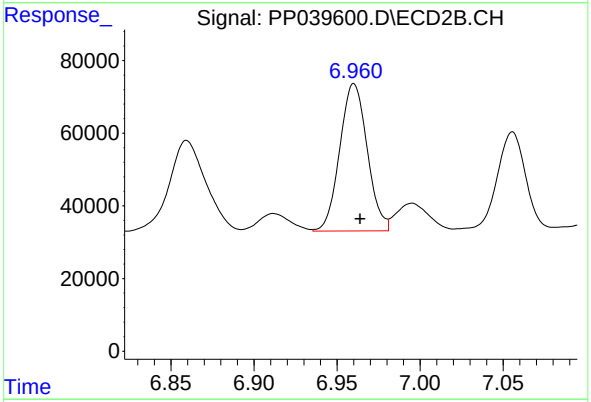
R.T.: 6.721 min
Delta R.T.: -0.004 min
Response: 740831
Conc: 492.46 ng/ml




#29 AR-1254-4

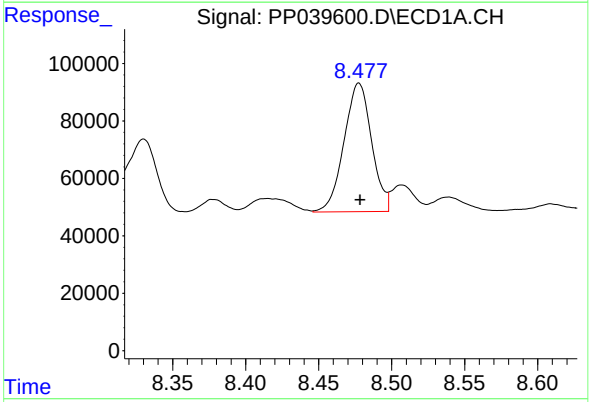
R.T.: 8.047 min
Delta R.T.: -0.002 min
Response: 559317
Conc: 457.88 ng/ml

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



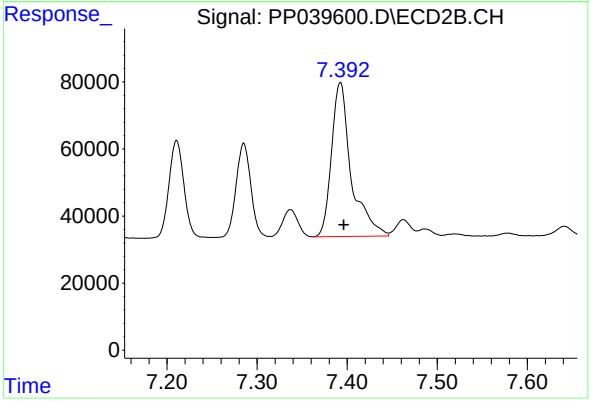

#29 AR-1254-4

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 467278
Conc: 485.26 ng/ml



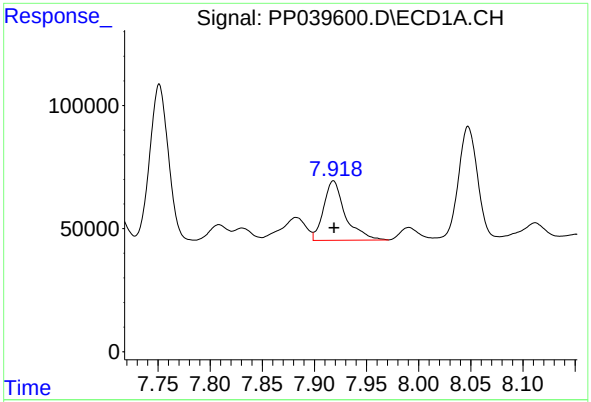

#30 AR-1254-5

R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 589597
Conc: 464.69 ng/ml




#30 AR-1254-5

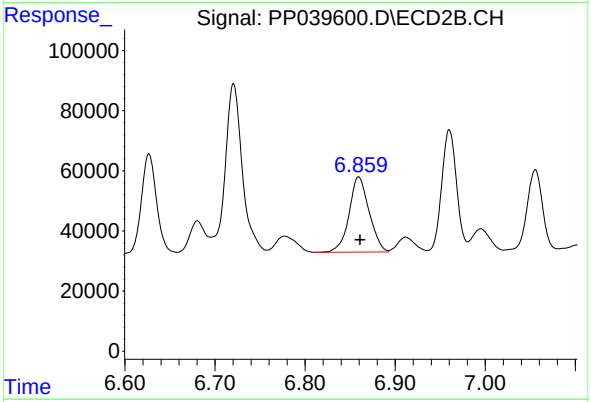
R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 699241
Conc: 496.78 ng/ml




#31 AR-1260-1

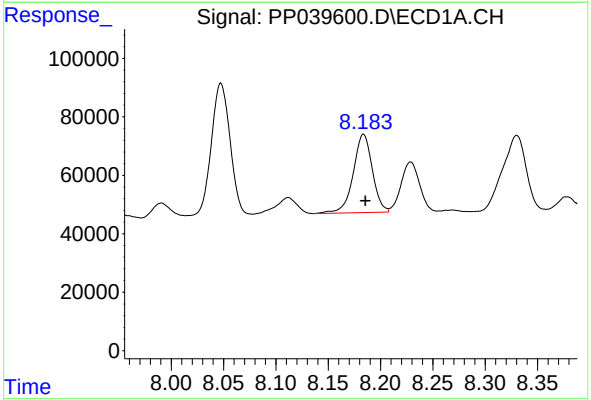
R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 348798
Conc: 283.84 ng/ml

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



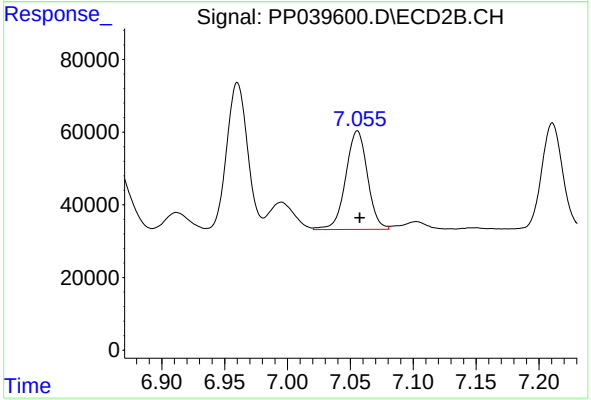

#31 AR-1260-1

R.T.: 6.859 min
Delta R.T.: -0.002 min
Response: 386696
Conc: 359.08 ng/ml



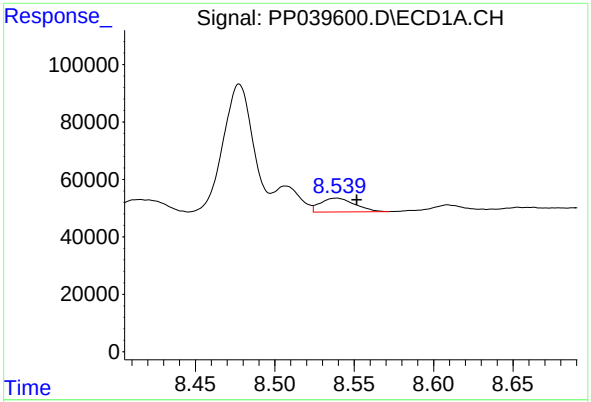

#32 AR-1260-2

R.T.: 8.184 min
Delta R.T.: -0.002 min
Response: 340741
Conc: 246.12 ng/ml




#32 AR-1260-2

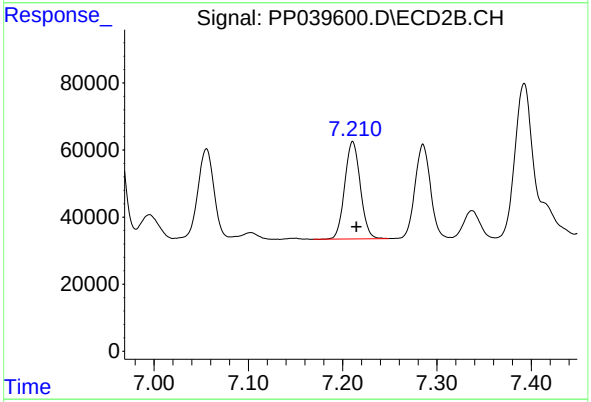
R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 327364
Conc: 255.59 ng/ml




#33 AR-1260-3

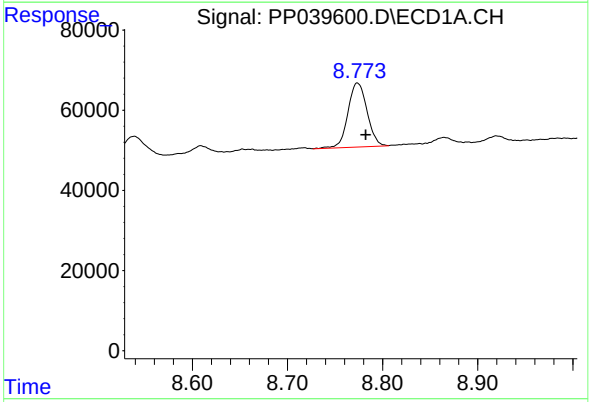
R.T.: 8.539 min
Delta R.T.: -0.013 min
Response: 72229
Conc: 87.33 ng/ml

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



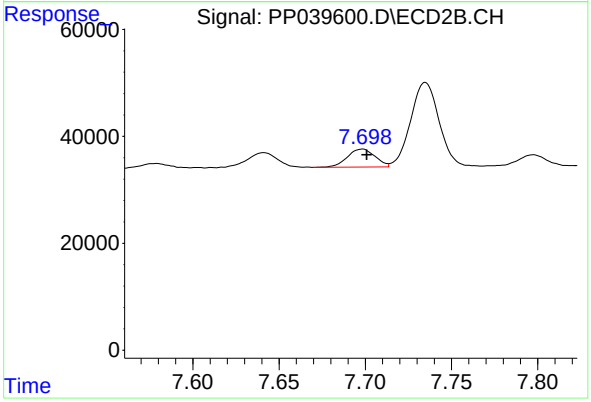

#33 AR-1260-3

R.T.: 7.211 min
Delta R.T.: -0.004 min
Response: 334361
Conc: 277.93 ng/ml



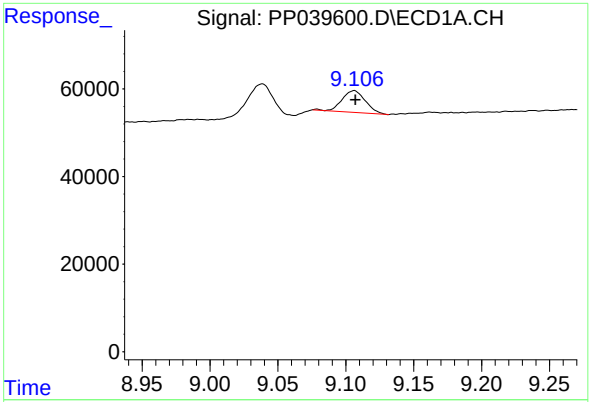

#34 AR-1260-4

R.T.: 8.774 min
Delta R.T.: -0.009 min
Response: 222937
Conc: 223.62 ng/ml




#34 AR-1260-4

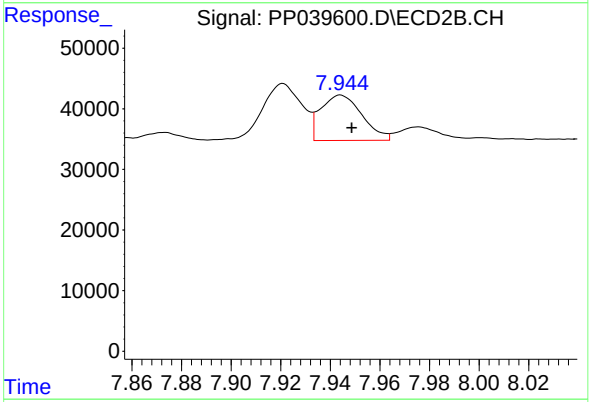
R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 37820
Conc: 40.61 ng/ml




#35 AR-1260-5

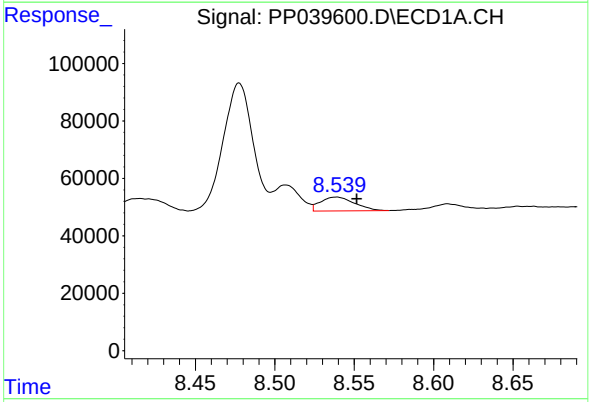
R.T.: 9.106 min
Delta R.T.: -0.001 min
Response: 59441
Conc: 31.37 ng/ml

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



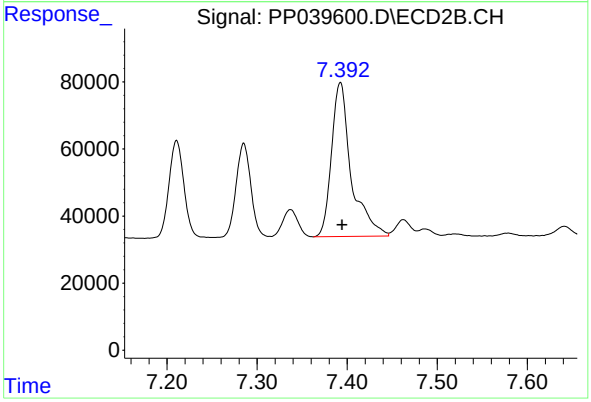

#35 AR-1260-5

R.T.: 7.944 min
Delta R.T.: -0.005 min
Response: 86784
Conc: 40.46 ng/ml



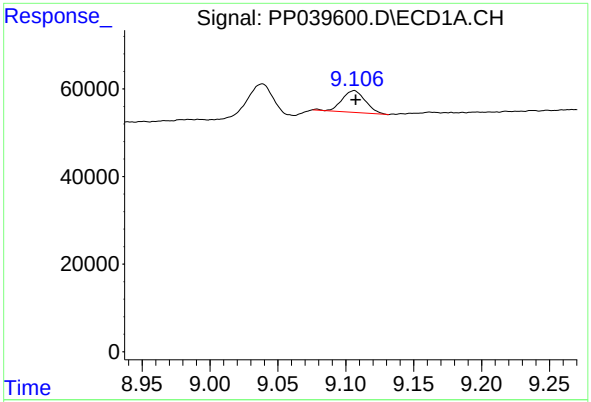

#36 AR-1262-1

R.T.: 8.539 min
Delta R.T.: -0.013 min
Response: 72229
Conc: 54.09 ng/ml




#36 AR-1262-1

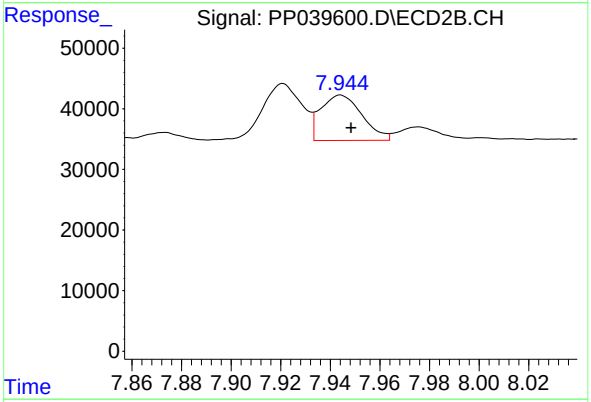
R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 699241
Conc: 991.85 ng/ml




#37 AR-1262-2

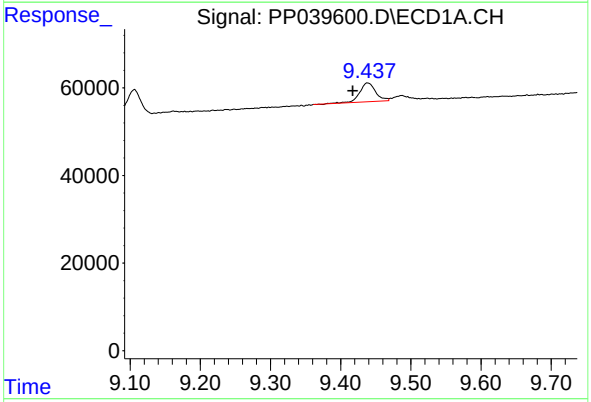
R.T.: 9.106 min
Delta R.T.: -0.001 min
Response: 59441
Conc: 27.02 ng/ml

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



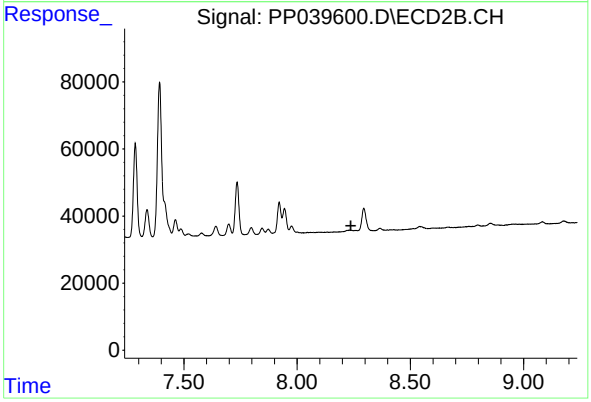

#37 AR-1262-2

R.T.: 7.944 min
Delta R.T.: -0.004 min
Response: 86784
Conc: 38.20 ng/ml



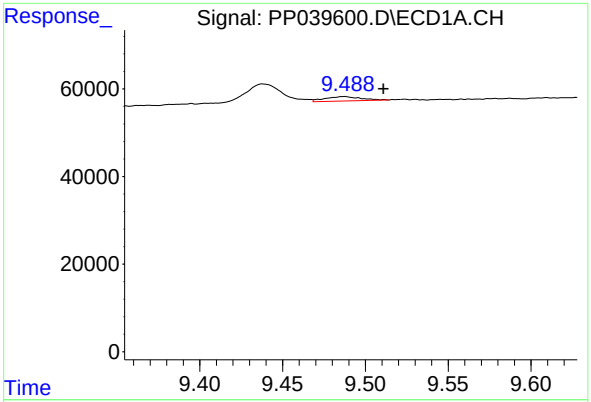

#38 AR-1262-3

R.T.: 9.438 min
Delta R.T.: 0.021 min
Response: 67173
Conc: 68.81 ng/ml




#38 AR-1262-3

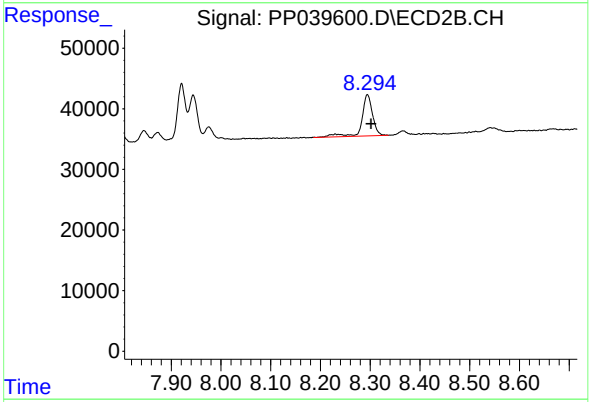
R.T.: 0.000 min
Exp R.T. : 8.238 min
Response: 0
Conc: N.D.




#39 AR-1262-4

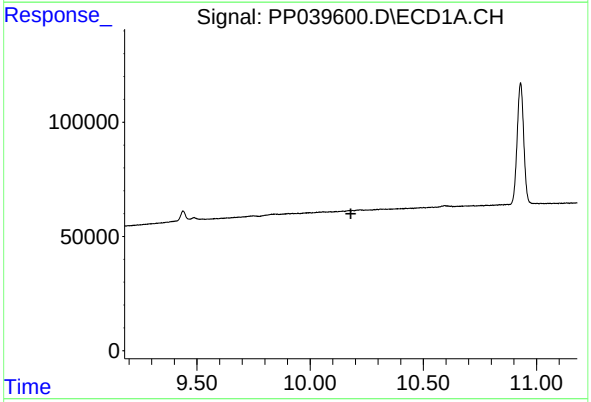
R.T.: 9.487 min
Delta R.T.: -0.024 min
Response: 15166
Conc: 25.35 ng/ml

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



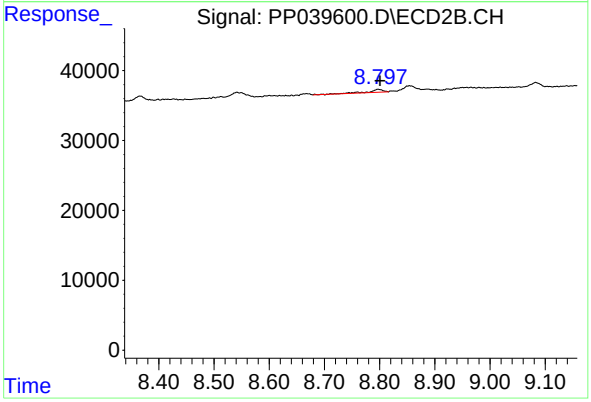

#39 AR-1262-4

R.T.: 8.294 min
Delta R.T.: -0.008 min
Response: 101224
Conc: 56.35 ng/ml



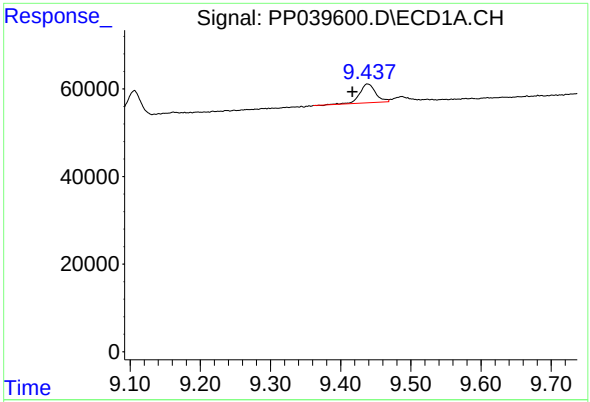

#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.180 min
Response: 0
Conc: N.D.




#40 AR-1262-5

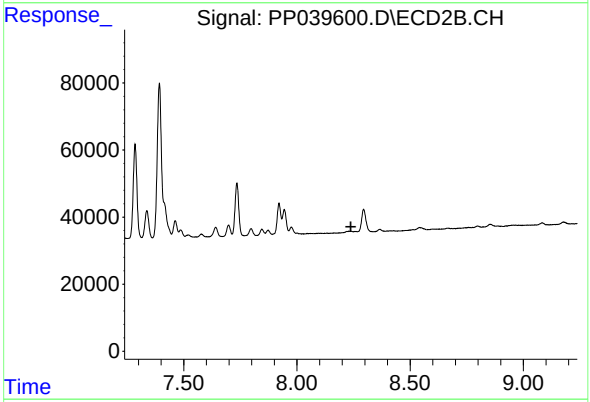
R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 7930
Conc: 8.71 ng/ml




#41 AR-1268-1

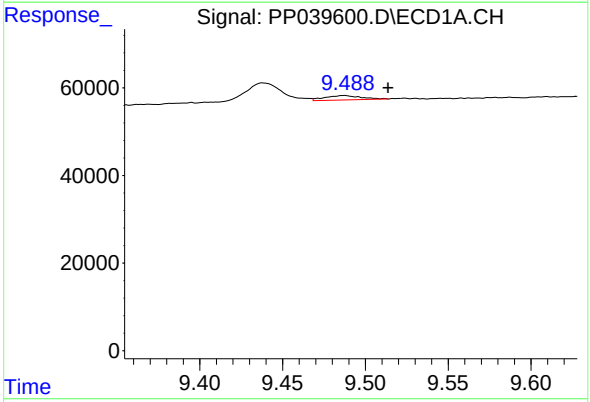
R.T.: 9.438 min
Delta R.T.: 0.022 min
Response: 67173
Conc: 24.94 ng/ml

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



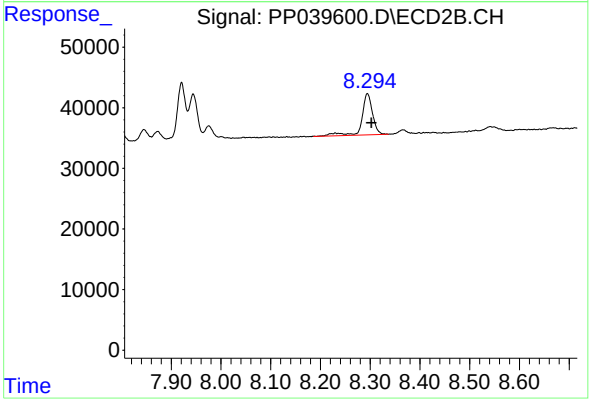

#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.239 min
Response: 0
Conc: N.D.



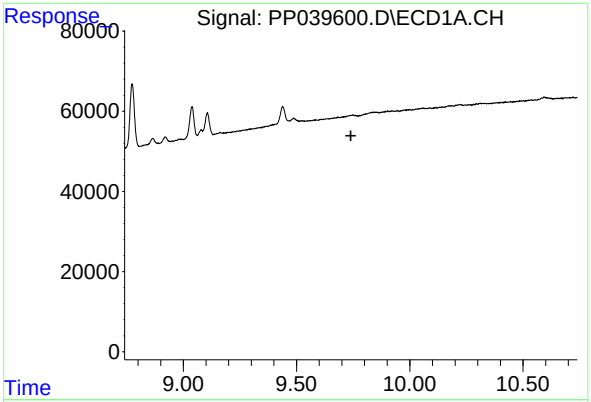

#42 AR-1268-2

R.T.: 9.487 min
Delta R.T.: -0.026 min
Response: 15166
Conc: 5.89 ng/ml




#42 AR-1268-2

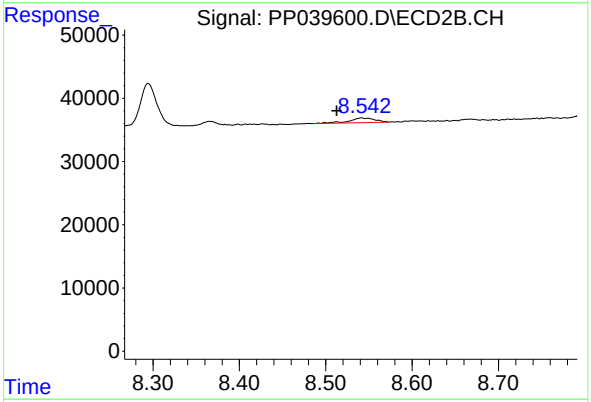
R.T.: 8.294 min
Delta R.T.: -0.008 min
Response: 101224
Conc: 37.97 ng/ml




#43 AR-1268-3

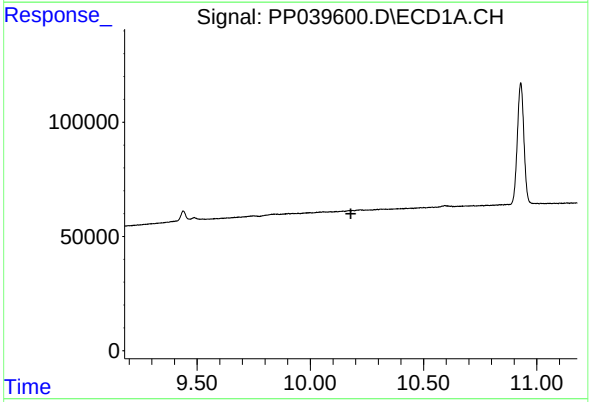
R.T.: 0.000 min
Exp R.T. : 9.740 min
Response: 0
Conc: N.D.

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



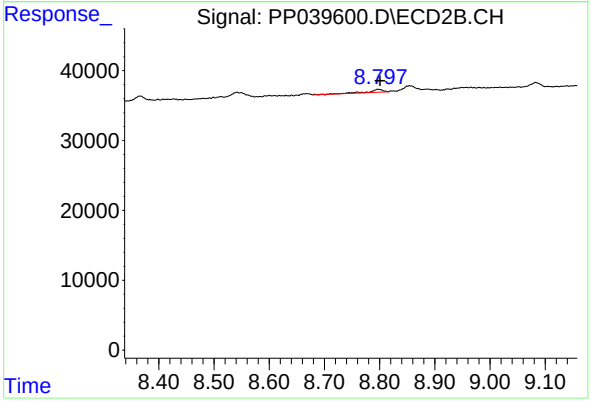

#43 AR-1268-3

R.T.: 8.542 min
Delta R.T.: 0.029 min
Response: 14941
Conc: 6.51 ng/ml




#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.179 min
Response: 0
Conc: N.D.




#44 AR-1268-4

R.T.: 8.797 min
Delta R.T.: -0.003 min
Response: 7930
Conc: 7.70 ng/ml