Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120621\
Data File : PO083480.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Dec 2021 13:28
Operator : AJ\MA
Sample : AR1248ICV500
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 14:01:11 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Dec 07 13:18:47 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... | 4.942 | 3.945 | 4921886 | 1654143 | 51.589 | 53.178 | |
| 2) | SA Decachlor... | 11.021 | 9.247 | 3761488 | 1718659 | 52.655 | 52.681 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 6.275 | 5.201 | 873386 | 371826 | 275.430 | 277.880 | |
| 4) | L1 AR-1016-2 | 6.299 | 5.220 | 1014007 | 367813 | 227.621 | 200.951 | |
| 5) | L1 AR-1016-3 | 6.364 | 5.412 | 492711 | 256150 | 182.047 | 257.735 | # |
| 6) | L1 AR-1016-4 | 6.471 | 5.464 | 558825 | 527754 | 250.716 | 631.401 | # |
| 7) | L1 AR-1016-5 | 6.790 | 5.692 | 1360145 | 586498 | 607.826 | 581.136 | |
| 8) | L2 AR-1221-1 | 5.186 | 0.000 | 33375 | 0 | 33.189 | N.D. | # |
| 9) | L2 AR-1221-2 | 5.298 | 4.297 | 73173 | 23902 | 101.589 | 83.028 | |
| 10) | L2 AR-1221-3 | 5.383 | 4.389 | 67739 | 40150 | 29.475 | 43.227 | # |
| 11) | L3 AR-1232-1 | 5.383 | 4.389 | 67739 | 40150 | 35.162 | 50.792 | # |
| 12) | L3 AR-1232-2 | 5.977 | 5.220 | 357443 | 367813 | 362.334 | 473.339 | # |
| 13) | L3 AR-1232-3 | 6.299 | 5.412 | 1014007 | 256150 | 562.778 | 625.177 | |
| 14) | L3 AR-1232-4 | 6.471 | 5.508 | 558825 | 489732 | 626.011 | 1379.720 | # |
| 15) | L3 AR-1232-5 | 6.571 | 5.692 | 1174470 | 586498 | 1879.007 | 1563.603 | |
| 16) | L4 AR-1242-1 | 6.275 | 5.201 | 873386 | 371826 | 390.098 | 387.917 | |
| 17) | L4 AR-1242-2 | 6.299 | 5.220 | 1014007 | 367813 | 322.235 | 281.723 | |
| 18) | L4 AR-1242-3 | 6.364 | 5.412 | 492711 | 256150 | 256.294 | 361.127 | # |
| 19) | L4 AR-1242-4 | 6.471 | 5.508 | 558825 | 489732 | 347.828 | 762.325 | # |
| 20) | L4 AR-1242-5 | 7.260 | 6.073 | 1541724 | 983646 | 884.154 | 1044.543 | |
| 21) | L5 AR-1248-1 | 6.275 | 5.201 | 873386 | 371826 | 504.637 | 510.350 | |
| 22) | L5 AR-1248-2 | 6.571 | 5.464 | 1174470 | 527754 | 503.566 | 511.806 | |
| 23) | L5 AR-1248-3 | 6.790 | 5.508 | 1360145 | 489732 | 500.057 | 510.560 | |
| 24) | L5 AR-1248-4 | 7.221 | 5.692 | 1670013 | 586498 | 552.356 | 509.595 | |
| 25) | L5 AR-1248-5 | 7.260 | 6.116 | 1541724 | 713923 | 538.954 | 548.819 | |
| 26) | L6 AR-1254-1 | 7.191 | 6.073 | 1533711 | 983646 | 479.957 | 497.207 | |
| 27) | L6 AR-1254-2 | 7.425 | 6.233 | 1447516 | 324861 | 313.993 | 187.282 | # |
| 28) | L6 AR-1254-3 | 7.806 | 6.653 | 886444 | 407651 | 177.701 | 157.126 | |
| 29) | L6 AR-1254-4 | 8.104 | 6.894 | 551932 | 334886 | 154.836 | 177.222 | |
| 30) | L6 AR-1254-5 | 8.535 | 7.324 | 120355 | 85071 | 33.556 | 34.849 | |
| 31) | L7 AR-1260-1 | 7.974 | 6.800 | 61730 | 217521 | 17.892 | 112.496 | # |
| 32) | L7 AR-1260-2 | 8.238 | 6.989 | 123802 | 39597 | 29.661 | 16.202 | # |
| 33) | L7 AR-1260-3 | 8.596 | 7.141 | 27493 | 66681 | 8.770 | 29.108 | # |
| 34) | L7 AR-1260-4 | 8.833 | 0.000 | 42556 | 0 | 12.154 | N.D. | # |
| 35) | L7 AR-1260-5 | 9.172 | 7.877 | 48318 | 10569 | 6.958 | 2.250 | # |
| 36) | L8 AR-1262-1 | 8.596 | 7.324 | 27493 | 85071 | 6.618 | 66.633 | # |
| 37) | L8 AR-1262-2 | 9.172 | 7.877 | 48318 | 10569 | 6.652 | 2.254 | # |
| 39) | L8 AR-1262-4 | 0.000 | 8.226 | 0 | 58564 | N.D. | 17.409 | # |
| 42) | L9 AR-1268-2 | 0.000 | 8.226 | 0 | 58564 | N.D. | 11.996 | # |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120621\
Data File : PO083480.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Dec 2021 13:28
Operator : AJ\MA
Sample : AR1248ICV500
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 14:01:11 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Dec 07 13:18:47 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.

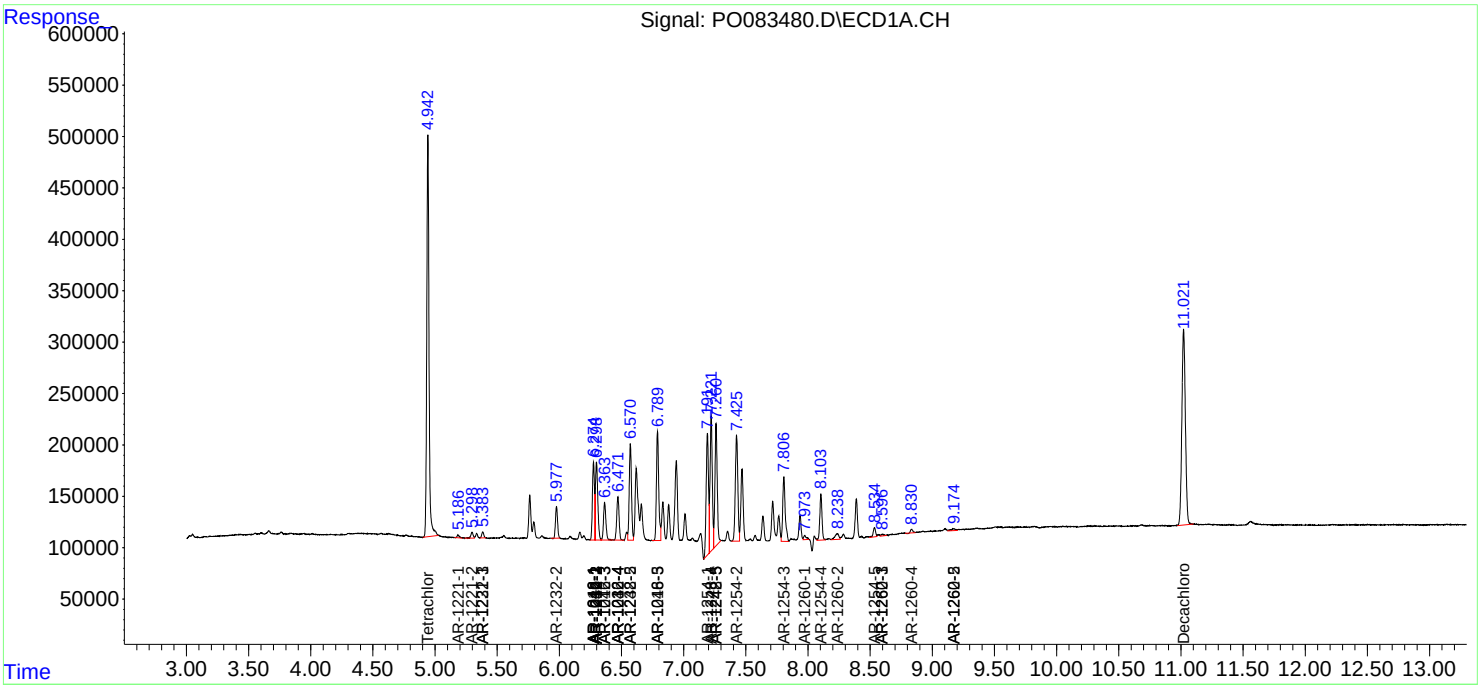
Quantitation Report (Not Reviewed)

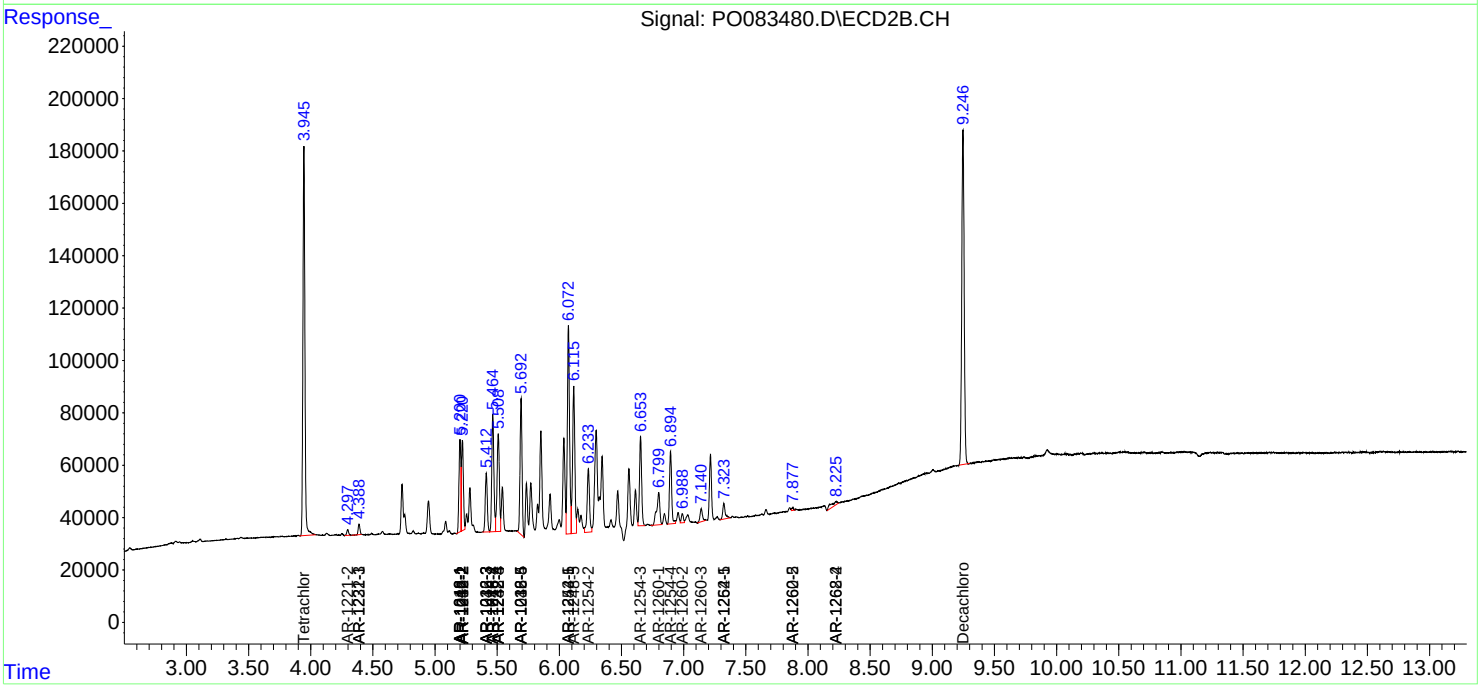
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120621\
Data File : PO083480.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Dec 2021 13:28
Operator : AJ\MA
Sample : AR1248ICV500
Misc :
ALS Vial : 29 Sample Multiplier: 1

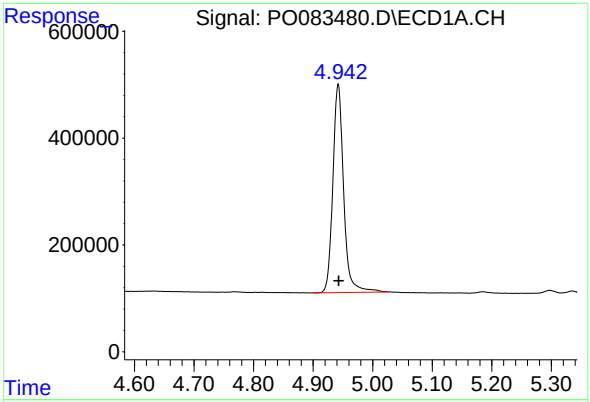
**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 14:01:11 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Dec 07 13:18:47 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



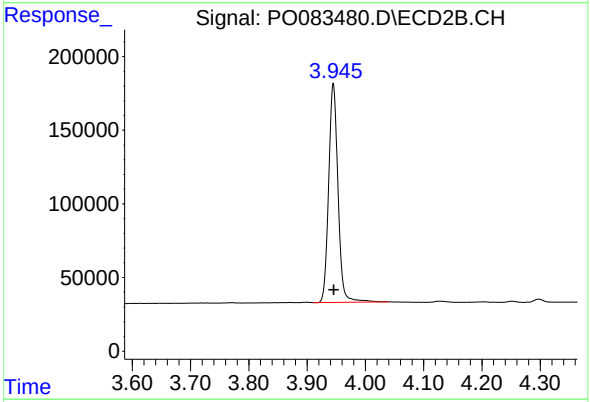






#1 Tetrachloro-m-xylene

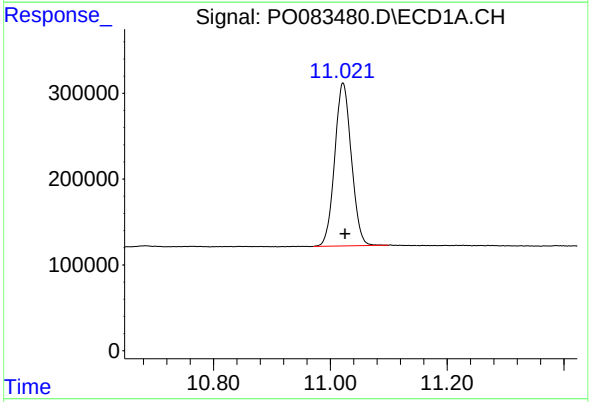
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 4921886
Conc: 51.59 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



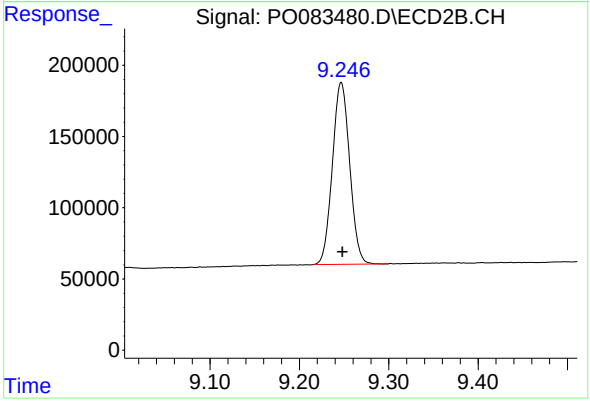

#1 Tetrachloro-m-xylene

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 1654143
Conc: 53.18 ng/ml



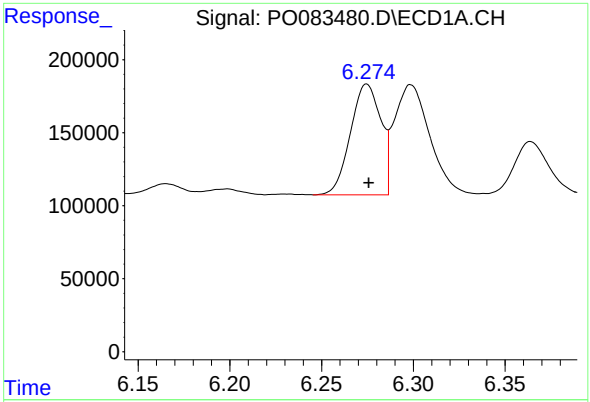

#2 Decachlorobiphenyl

R.T.: 11.021 min
Delta R.T.: -0.004 min
Response: 3761488
Conc: 52.65 ng/ml




#2 Decachlorobiphenyl

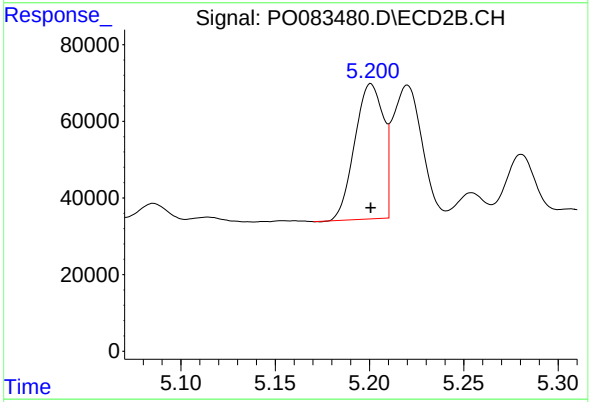
R.T.: 9.247 min
Delta R.T.: -0.001 min
Response: 1718659
Conc: 52.68 ng/ml




#3 AR-1016-1

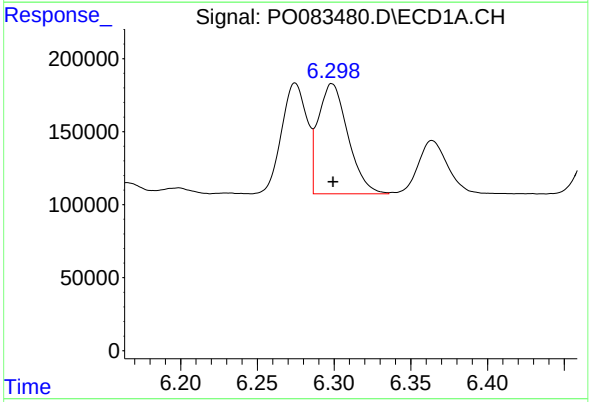
R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 873386
Conc: 275.43 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



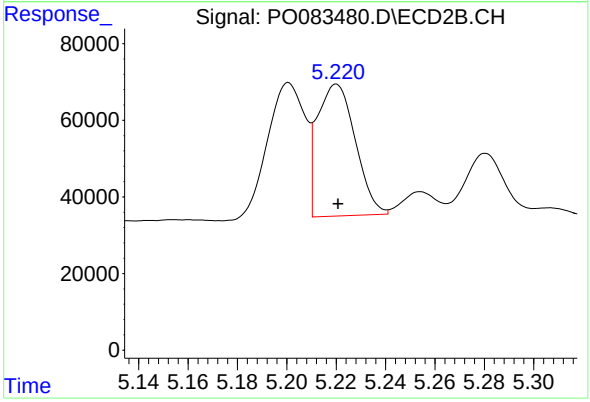

#3 AR-1016-1

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 371826
Conc: 277.88 ng/ml



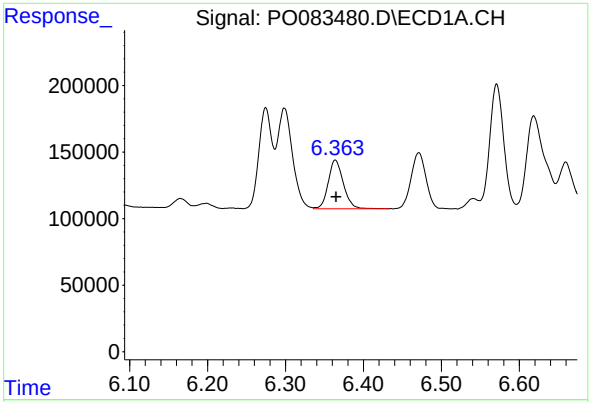

#4 AR-1016-2

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1014007
Conc: 227.62 ng/ml




#4 AR-1016-2

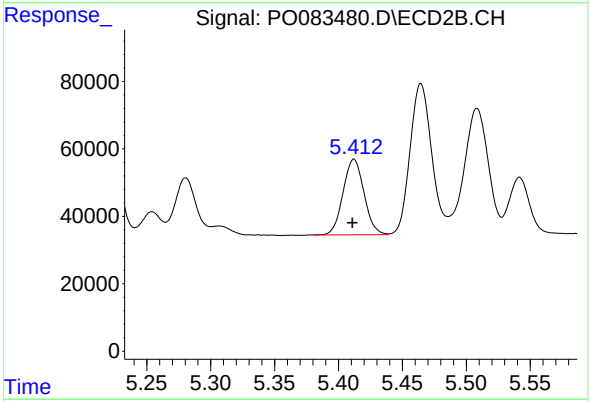
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 367813
Conc: 200.95 ng/ml




#5 AR-1016-3

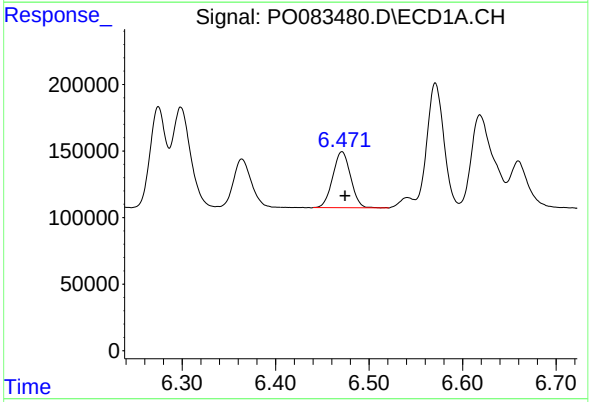
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 492711
Conc: 182.05 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



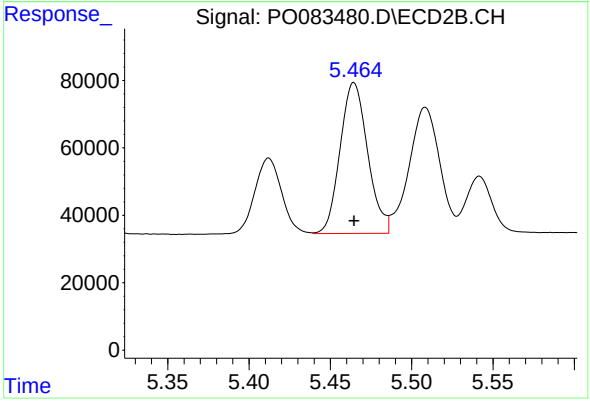

#5 AR-1016-3

R.T.: 5.412 min
Delta R.T.: 0.001 min
Response: 256150
Conc: 257.73 ng/ml



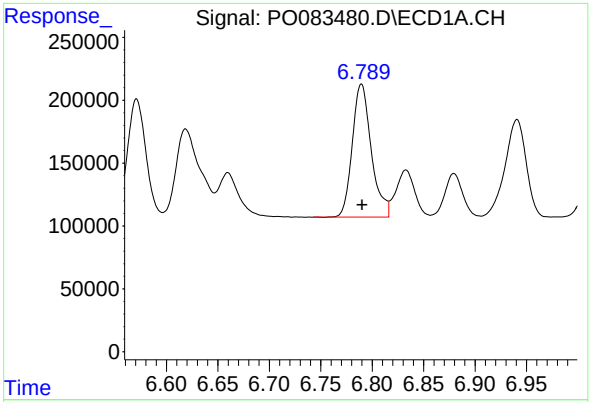

#6 AR-1016-4

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 558825
Conc: 250.72 ng/ml




#6 AR-1016-4

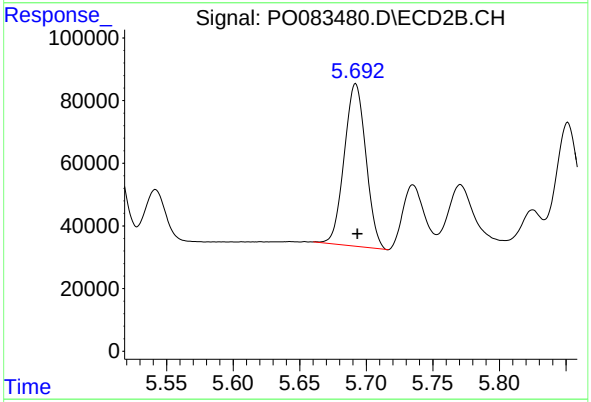
R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 527754
Conc: 631.40 ng/ml




#7 AR-1016-5

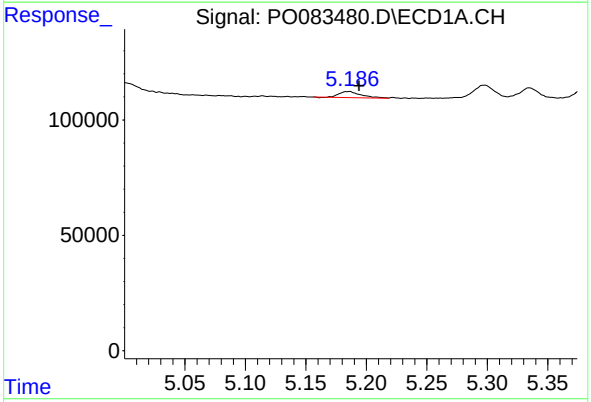
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 1360145
Conc: 607.83 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



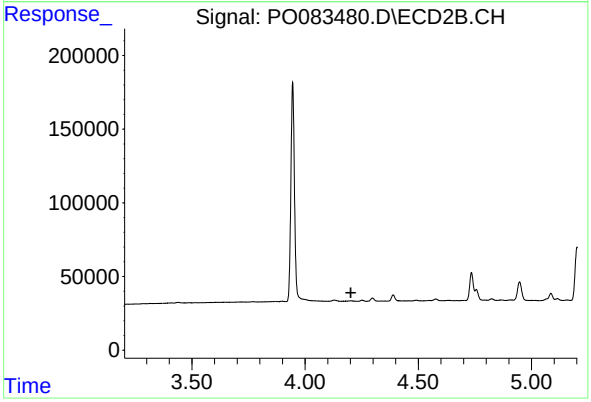

#7 AR-1016-5

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 586498
Conc: 581.14 ng/ml



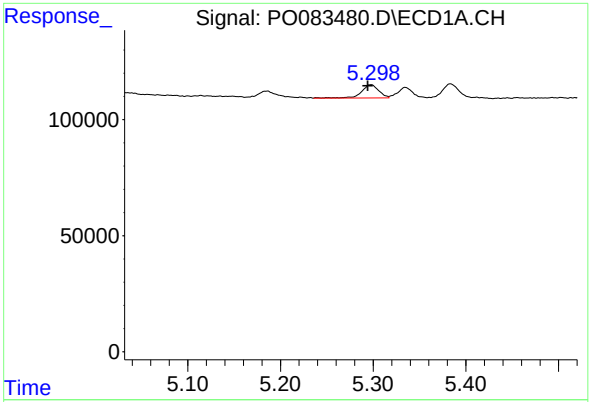

#8 AR-1221-1

R.T.: 5.186 min
Delta R.T.: -0.008 min
Response: 33375
Conc: 33.19 ng/ml




#8 AR-1221-1

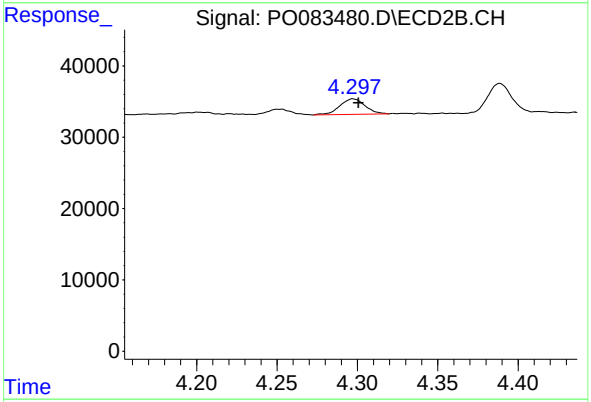
R.T.: 0.000 min
Exp R.T. : 4.202 min
Response: 0
Conc: N.D.




#9 AR-1221-2

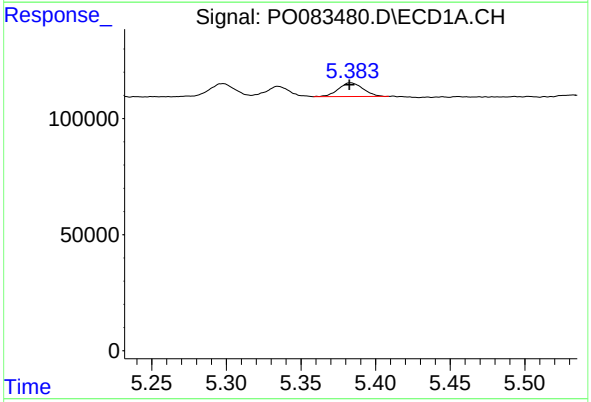
R.T.: 5.298 min
Delta R.T.: 0.004 min
Response: 73173
Conc: 101.59 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



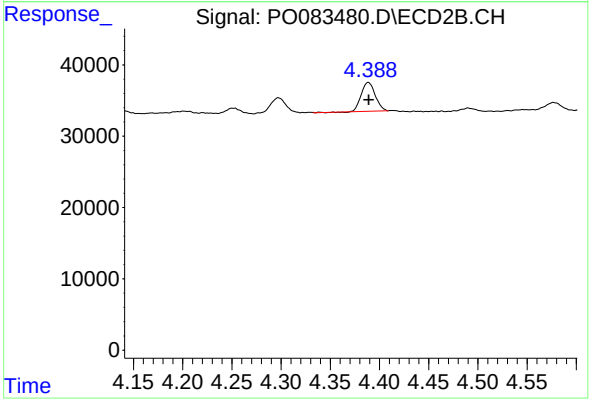

#9 AR-1221-2

R.T.: 4.297 min
Delta R.T.: -0.004 min
Response: 23902
Conc: 83.03 ng/ml



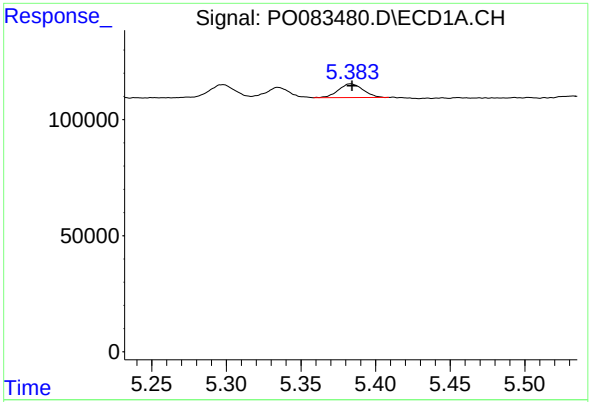

#10 AR-1221-3

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 67739
Conc: 29.47 ng/ml




#10 AR-1221-3

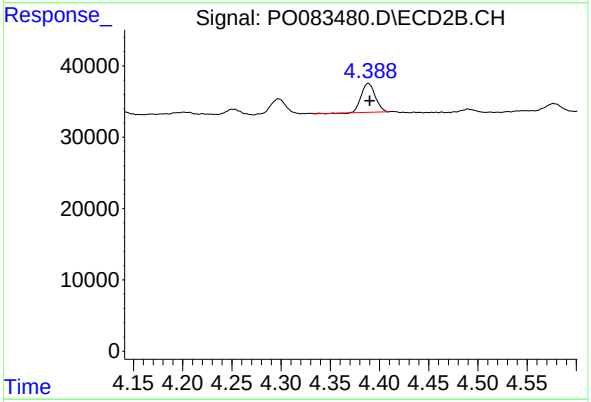
R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 40150
Conc: 43.23 ng/ml




#11 AR-1232-1

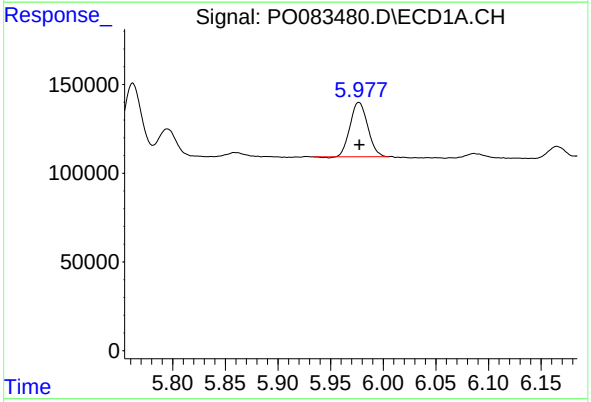
R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 67739
Conc: 35.16 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



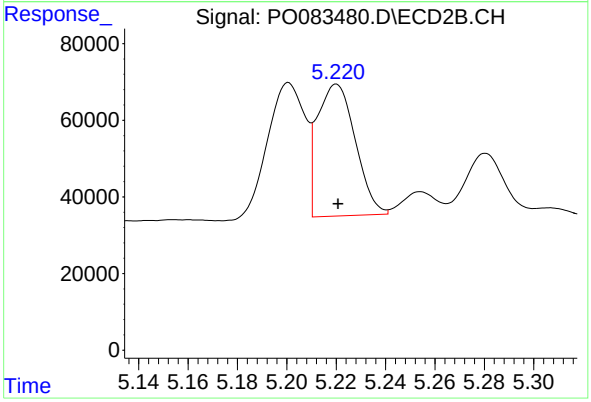

#11 AR-1232-1

R.T.: 4.389 min
Delta R.T.: -0.001 min
Response: 40150
Conc: 50.79 ng/ml



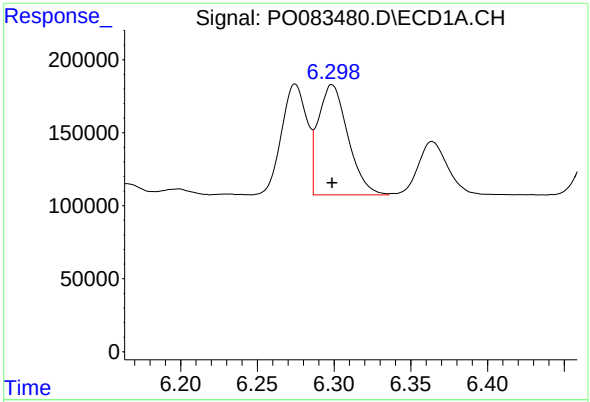

#12 AR-1232-2

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 357443
Conc: 362.33 ng/ml




#12 AR-1232-2

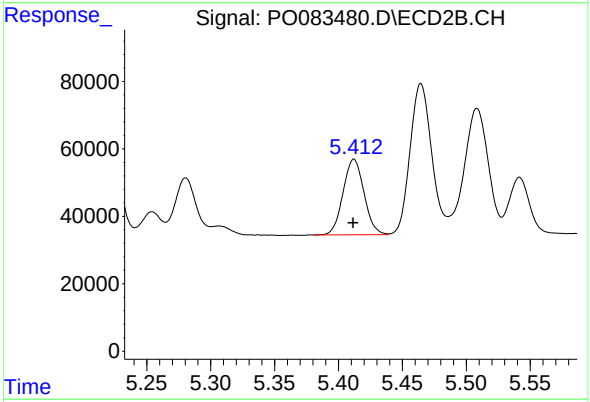
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 367813
Conc: 473.34 ng/ml




#13 AR-1232-3

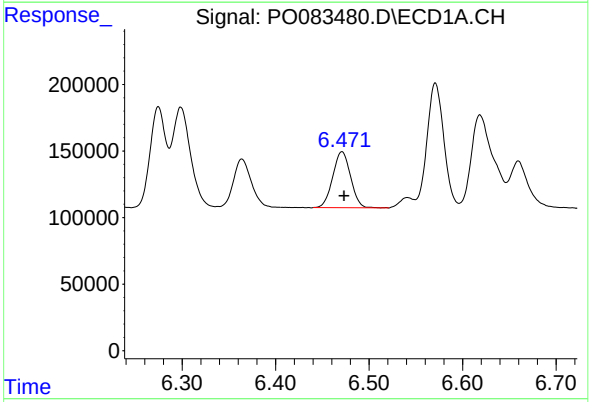
R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1014007
Conc: 562.78 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



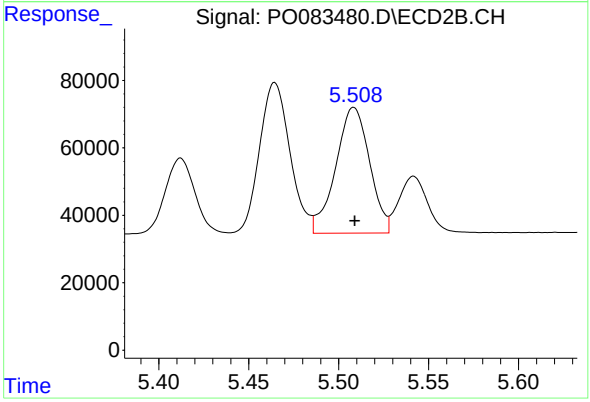

#13 AR-1232-3

R.T.: 5.412 min
Delta R.T.: 0.000 min
Response: 256150
Conc: 625.18 ng/ml



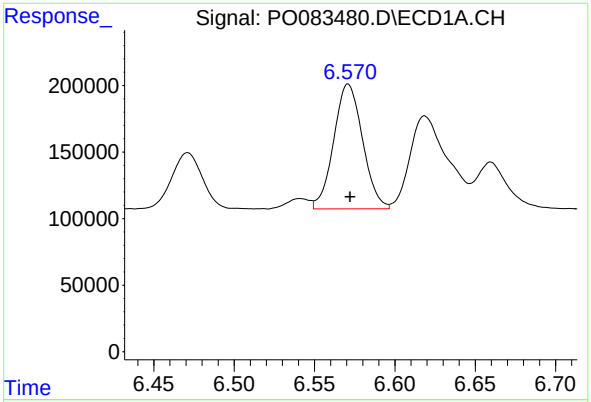

#14 AR-1232-4

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 558825
Conc: 626.01 ng/ml




#14 AR-1232-4

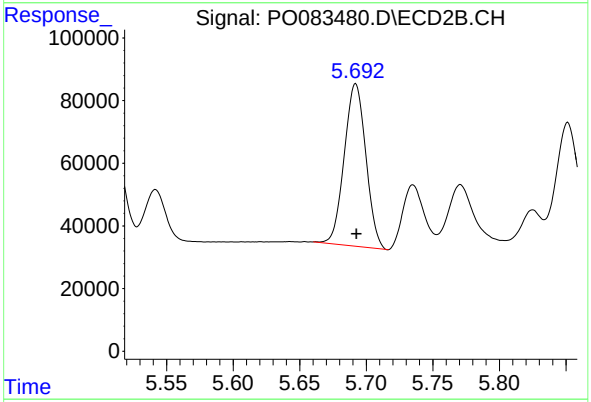
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 489732
Conc: 1379.72 ng/ml




#15 AR-1232-5

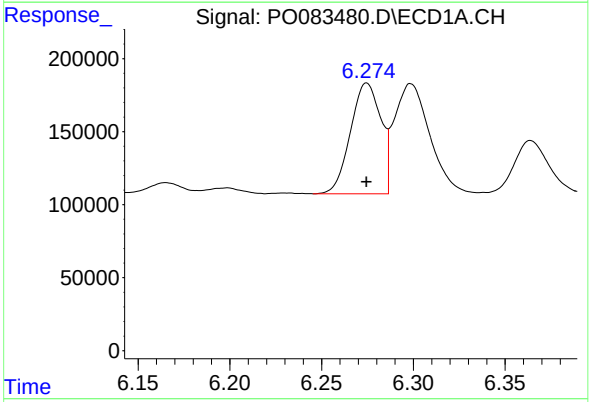
R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 1174470
Conc: 1879.01 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**



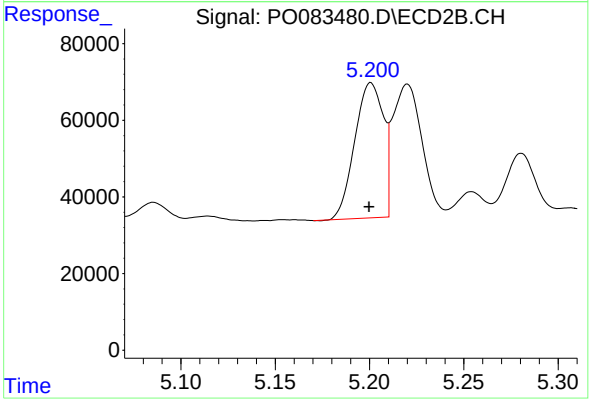

#15 AR-1232-5

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 586498
Conc: 1563.60 ng/ml



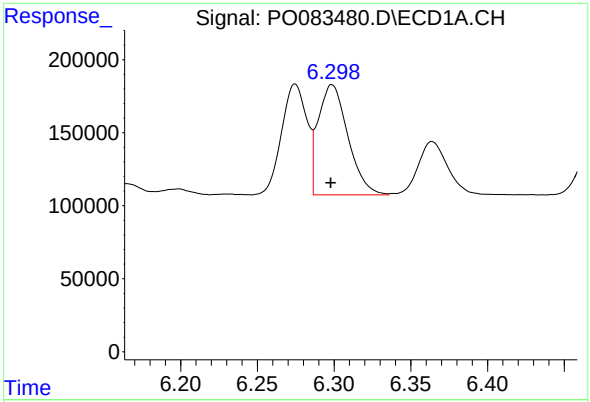

#16 AR-1242-1

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 873386
Conc: 390.10 ng/ml




#16 AR-1242-1

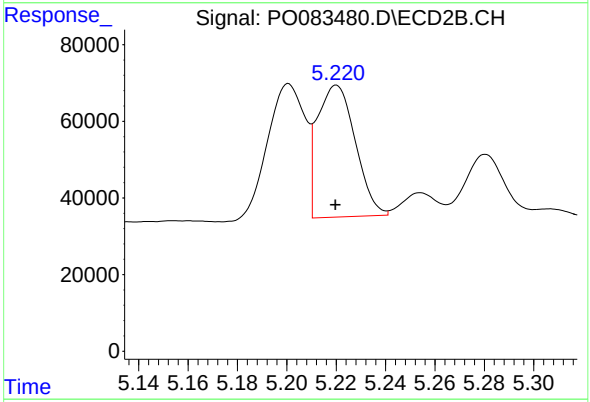
R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 371826
Conc: 387.92 ng/ml




#17 AR-1242-2

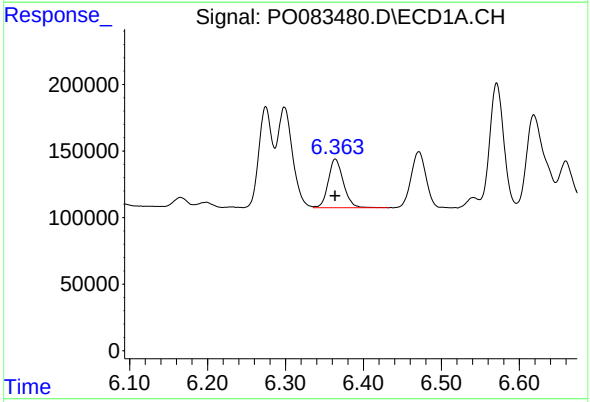
R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1014007
Conc: 322.24 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



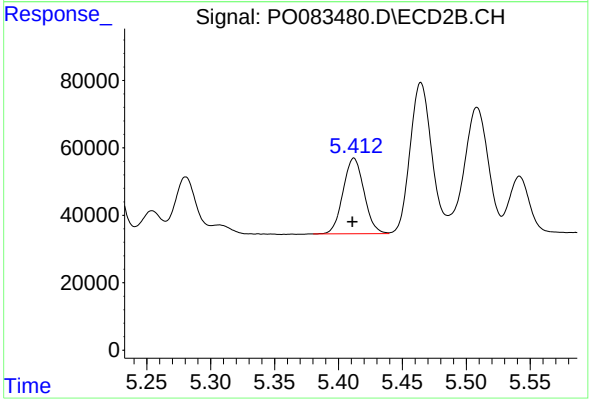

#17 AR-1242-2

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 367813
Conc: 281.72 ng/ml



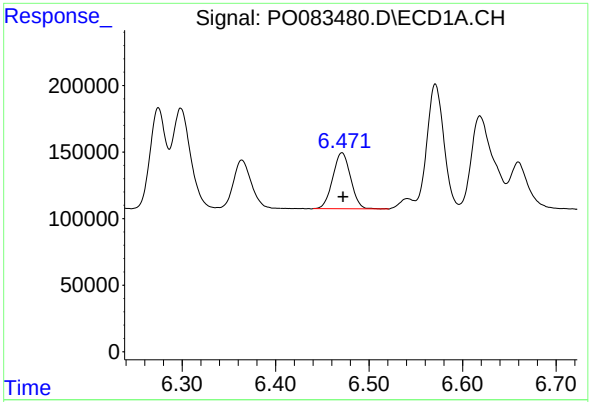

#18 AR-1242-3

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 492711
Conc: 256.29 ng/ml




#18 AR-1242-3

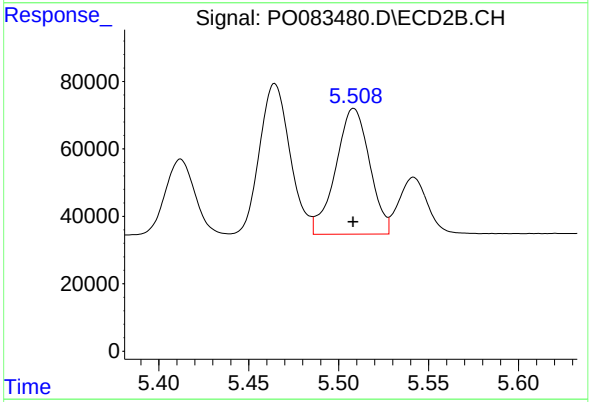
R.T.: 5.412 min
Delta R.T.: 0.001 min
Response: 256150
Conc: 361.13 ng/ml




#19 AR-1242-4

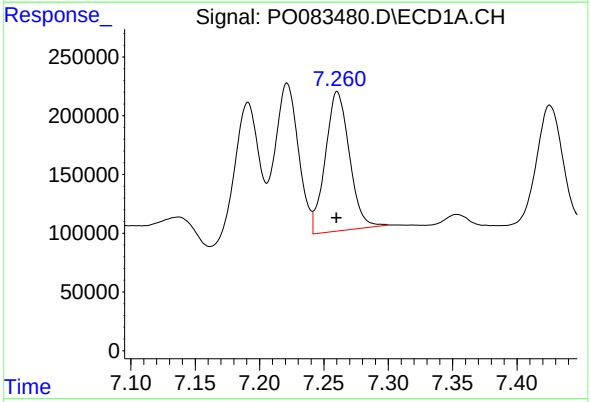
R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 558825
Conc: 347.83 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



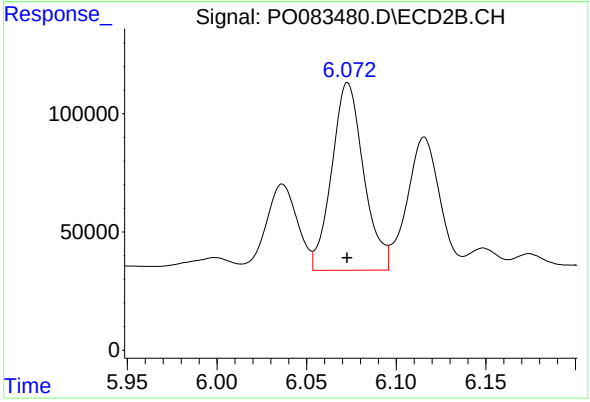

#19 AR-1242-4

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 489732
Conc: 762.33 ng/ml



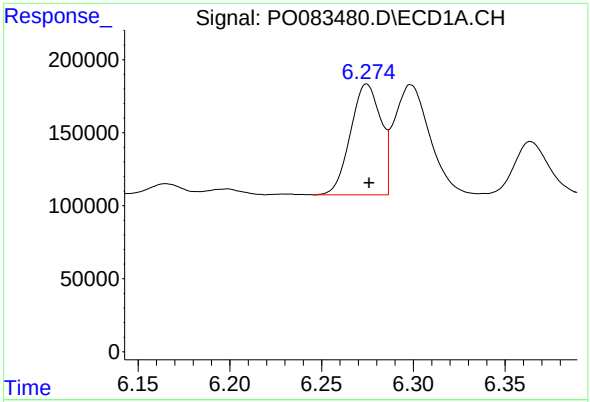

#20 AR-1242-5

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 1541724
Conc: 884.15 ng/ml




#20 AR-1242-5

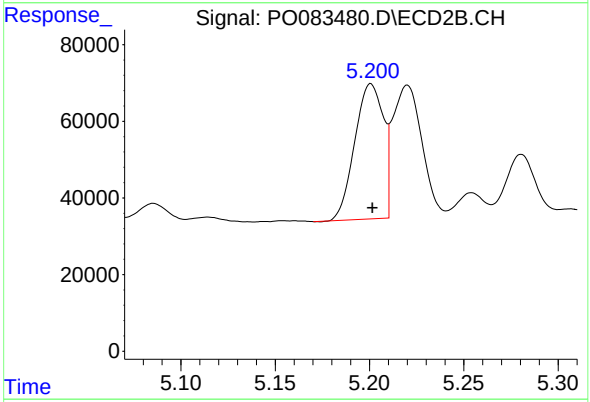
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 983646
Conc: 1044.54 ng/ml




#21 AR-1248-1

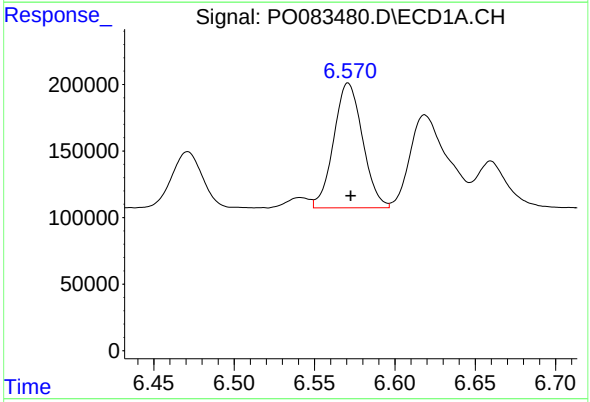
R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 873386
Conc: 504.64 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



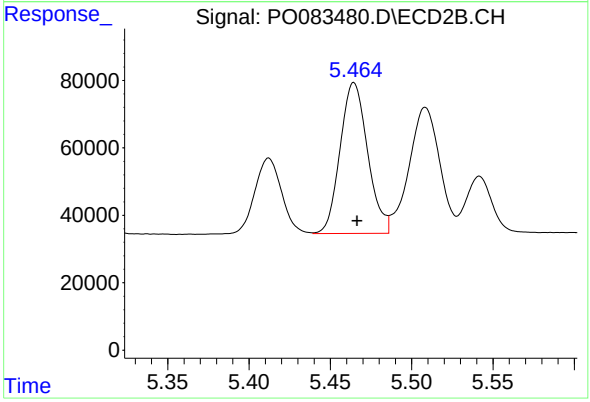

#21 AR-1248-1

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 371826
Conc: 510.35 ng/ml



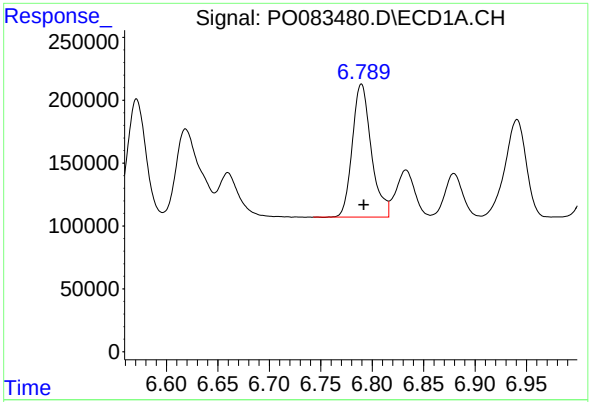

#22 AR-1248-2

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 1174470
Conc: 503.57 ng/ml




#22 AR-1248-2

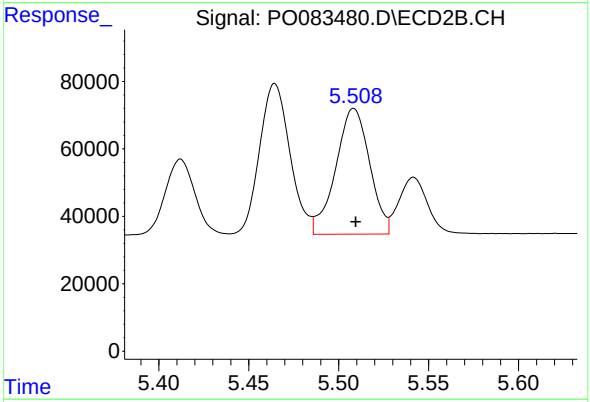
R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 527754
Conc: 511.81 ng/ml




#23 AR-1248-3

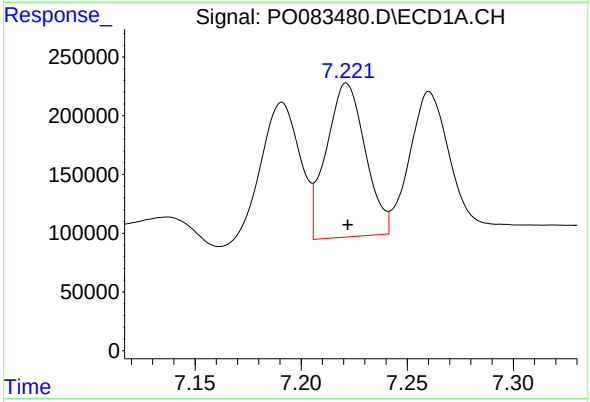
R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 1360145
Conc: 500.06 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



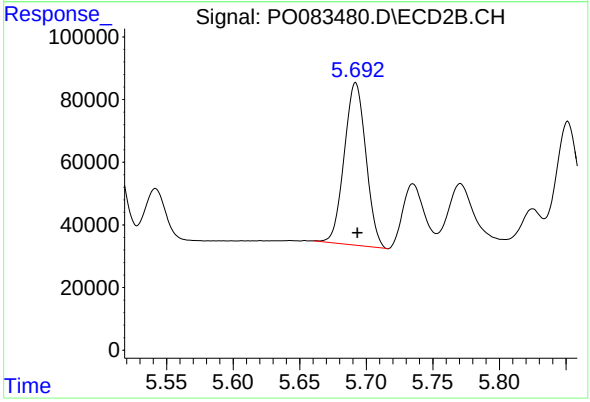

#23 AR-1248-3

R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 489732
Conc: 510.56 ng/ml



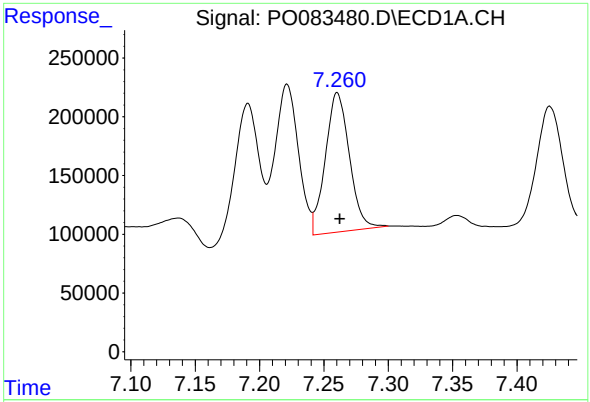

#24 AR-1248-4

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 1670013
Conc: 552.36 ng/ml




#24 AR-1248-4

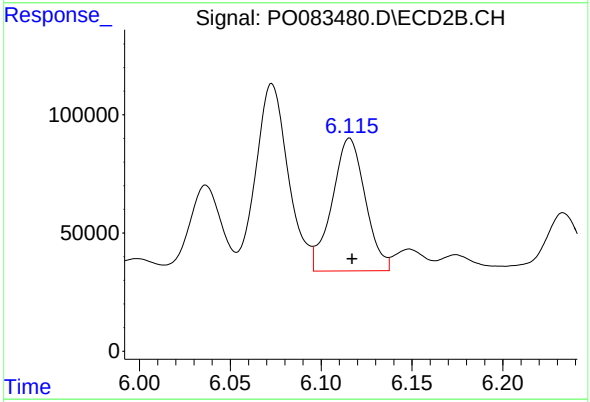
R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 586498
Conc: 509.59 ng/ml




#25 AR-1248-5

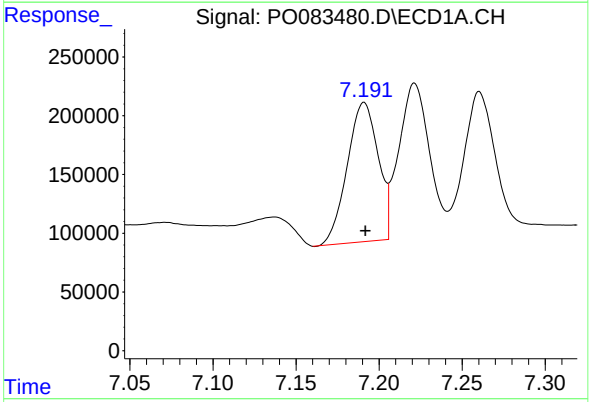
R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 1541724
Conc: 538.95 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



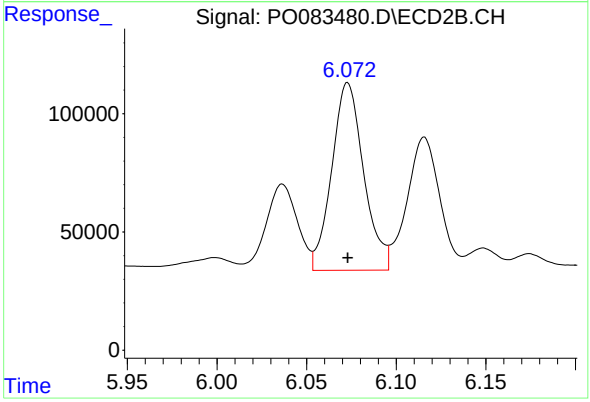

#25 AR-1248-5

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 713923
Conc: 548.82 ng/ml



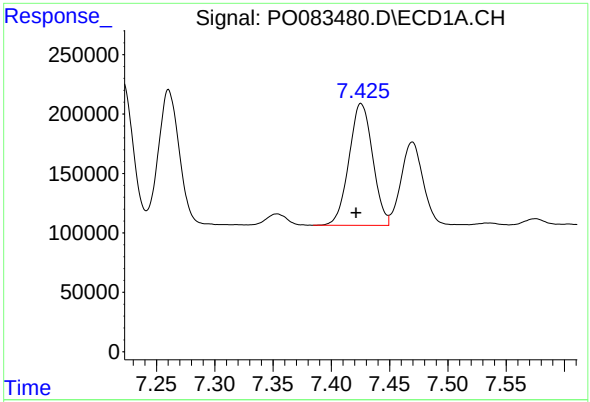

#26 AR-1254-1

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 1533711
Conc: 479.96 ng/ml




#26 AR-1254-1

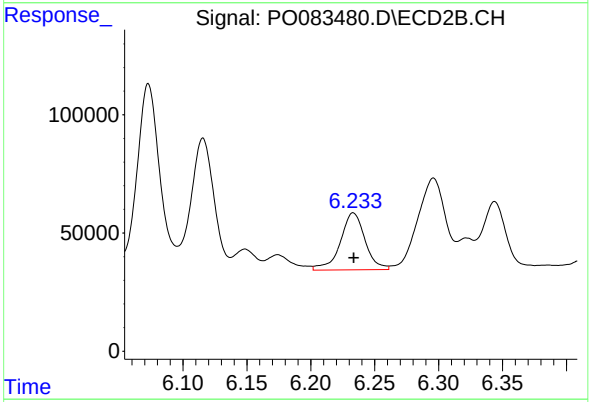
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 983646
Conc: 497.21 ng/ml




#27 AR-1254-2

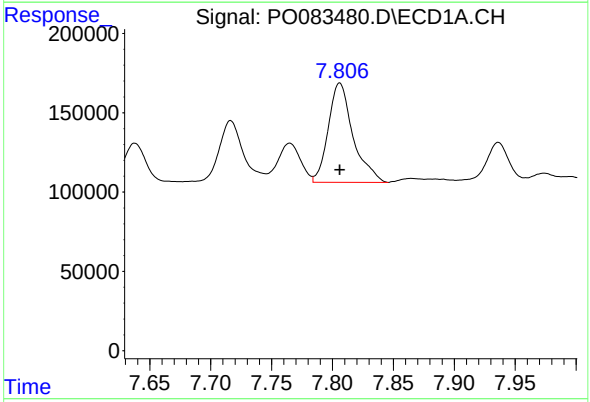
R.T.: 7.425 min
Delta R.T.: 0.004 min
Response: 1447516
Conc: 313.99 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



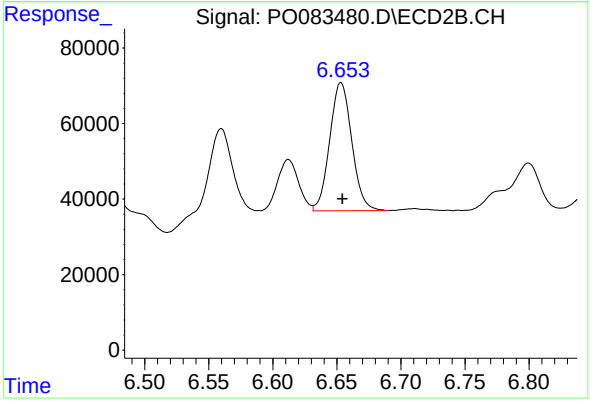

#27 AR-1254-2

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 324861
Conc: 187.28 ng/ml



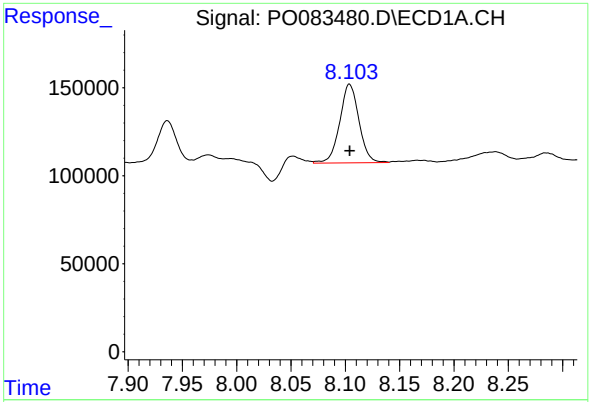

#28 AR-1254-3

R.T.: 7.806 min
Delta R.T.: 0.000 min
Response: 886444
Conc: 177.70 ng/ml




#28 AR-1254-3

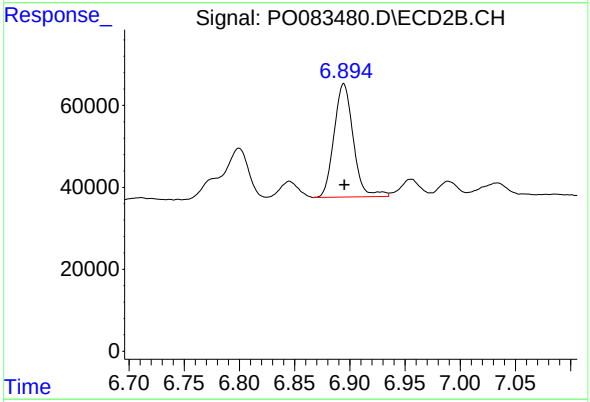
R.T.: 6.653 min
Delta R.T.: -0.001 min
Response: 407651
Conc: 157.13 ng/ml




#29 AR-1254-4

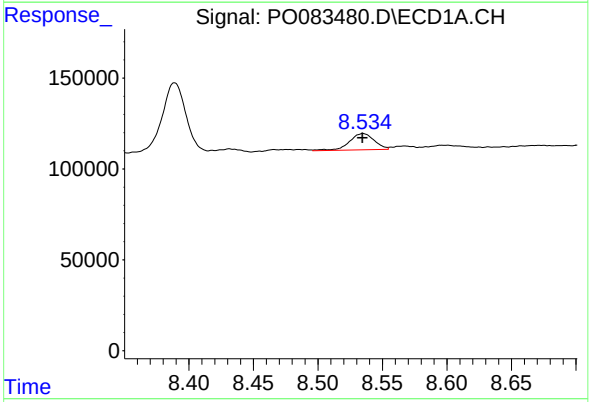
R.T.: 8.104 min
Delta R.T.: 0.000 min
Response: 551932
Conc: 154.84 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



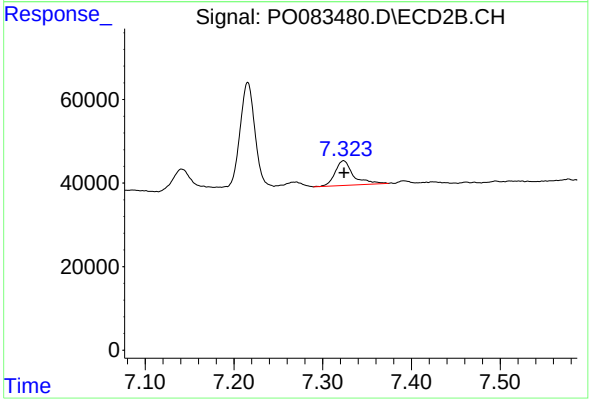

#29 AR-1254-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 334886
Conc: 177.22 ng/ml



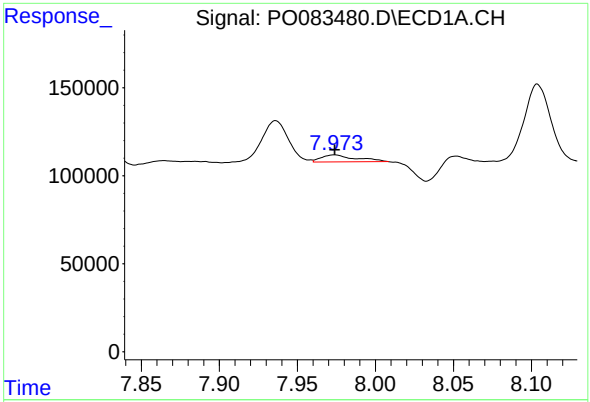

#30 AR-1254-5

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 120355
Conc: 33.56 ng/ml




#30 AR-1254-5

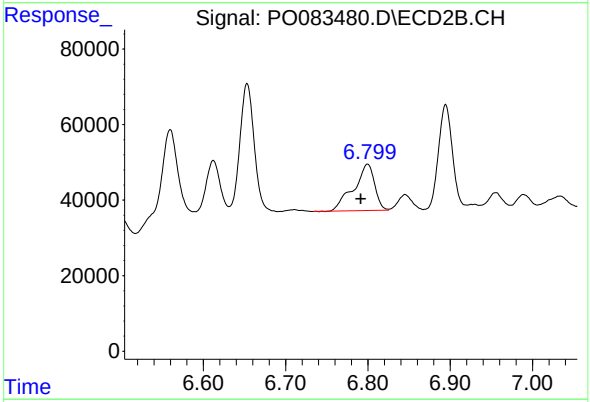
R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 85071
Conc: 34.85 ng/ml




#31 AR-1260-1

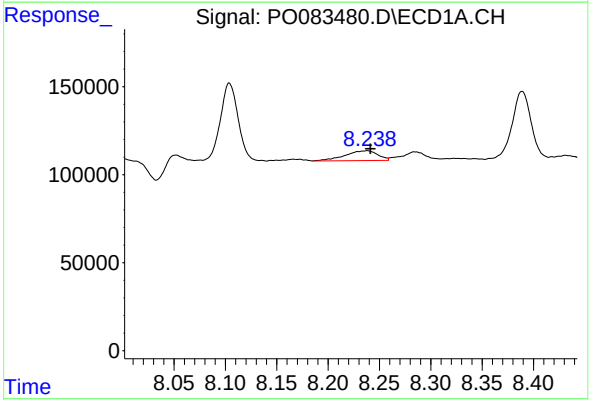
R.T.: 7.974 min
Delta R.T.: 0.000 min
Response: 61730
Conc: 17.89 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



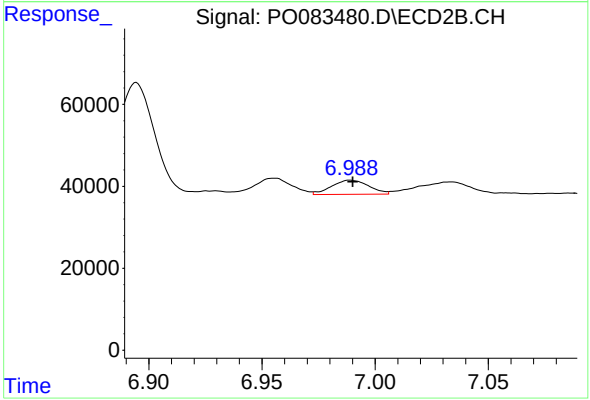

#31 AR-1260-1

R.T.: 6.800 min
Delta R.T.: 0.008 min
Response: 217521
Conc: 112.50 ng/ml



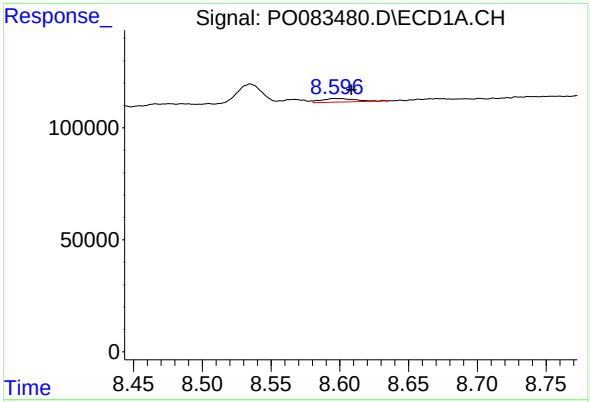

#32 AR-1260-2

R.T.: 8.238 min
Delta R.T.: -0.003 min
Response: 123802
Conc: 29.66 ng/ml




#32 AR-1260-2

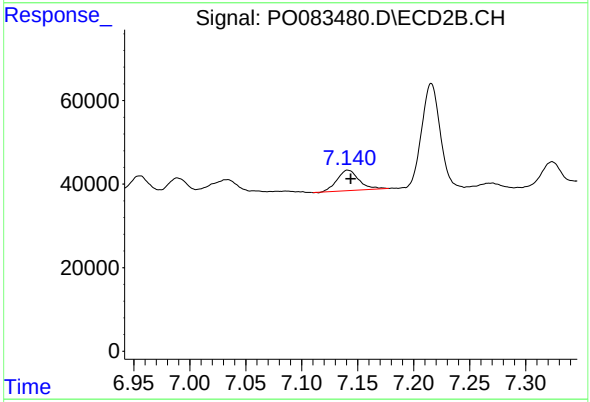
R.T.: 6.989 min
Delta R.T.: -0.001 min
Response: 39597
Conc: 16.20 ng/ml




#33 AR-1260-3

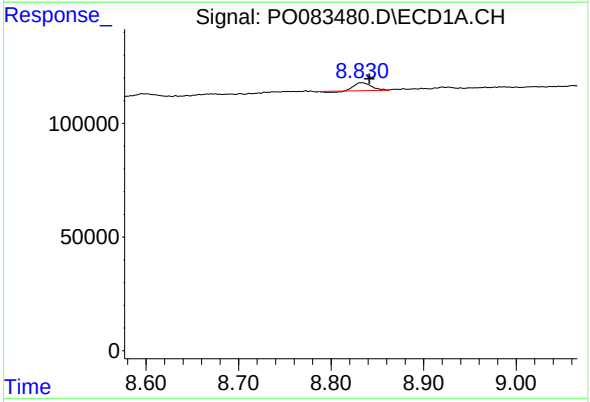
R.T.: 8.596 min
Delta R.T.: -0.012 min
Response: 27493
Conc: 8.77 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



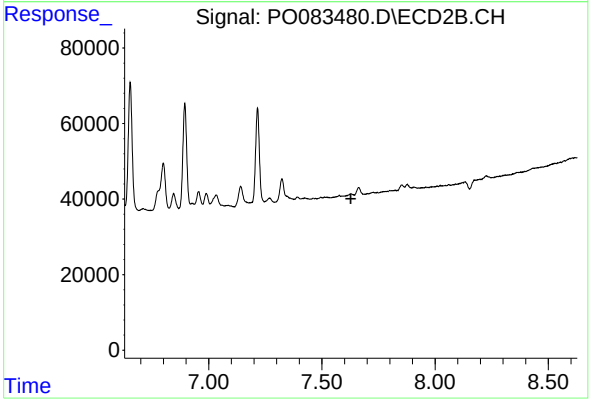

#33 AR-1260-3

R.T.: 7.141 min
Delta R.T.: -0.003 min
Response: 66681
Conc: 29.11 ng/ml



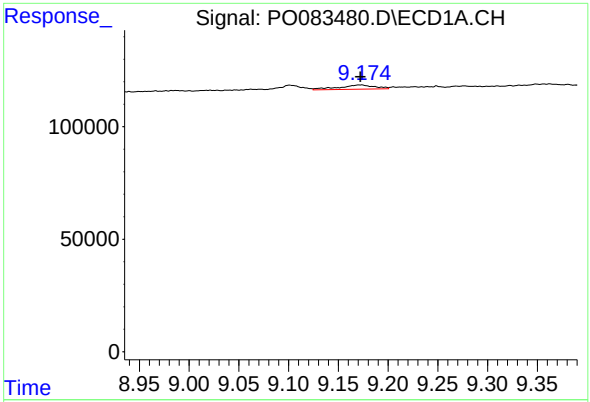

#34 AR-1260-4

R.T.: 8.833 min
Delta R.T.: -0.008 min
Response: 42556
Conc: 12.15 ng/ml




#34 AR-1260-4

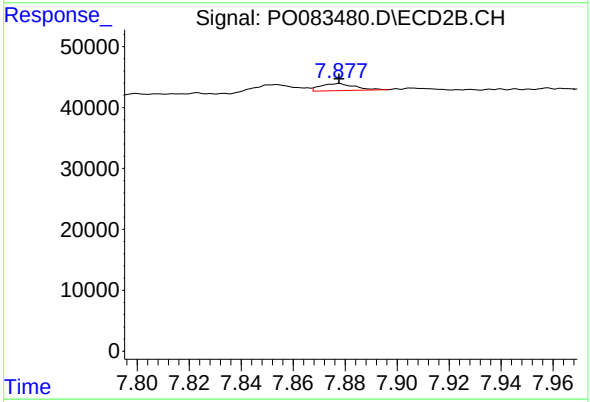
R.T.: 0.000 min
Exp R.T. : 7.628 min
Response: 0
Conc: N.D.




#35 AR-1260-5

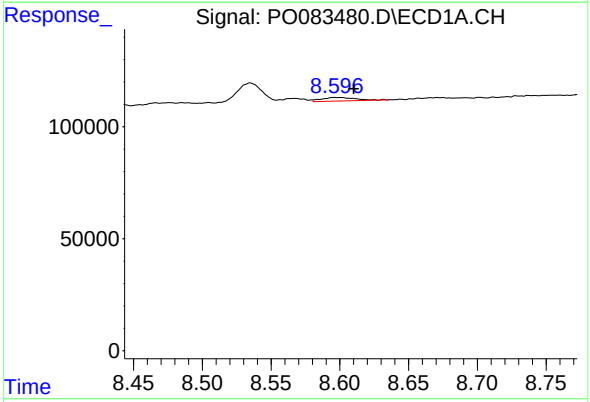
R.T.: 9.172 min
Delta R.T.: 0.000 min
Response: 48318
Conc: 6.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



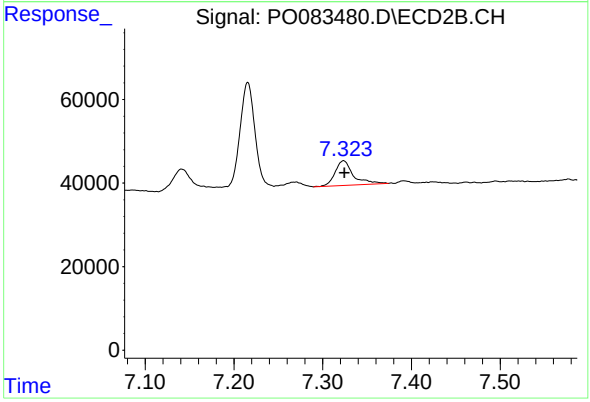

#35 AR-1260-5

R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 10569
Conc: 2.25 ng/ml



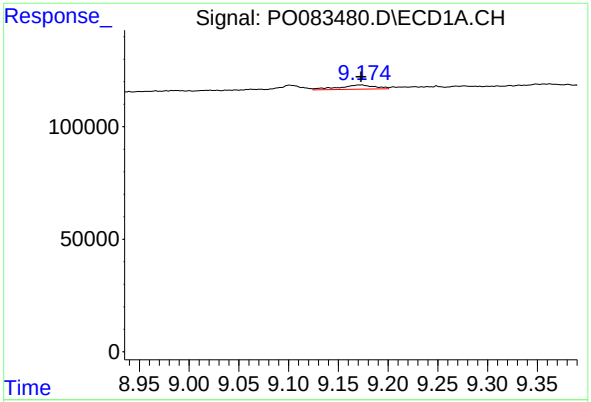

#36 AR-1262-1

R.T.: 8.596 min
Delta R.T.: -0.014 min
Response: 27493
Conc: 6.62 ng/ml




#36 AR-1262-1

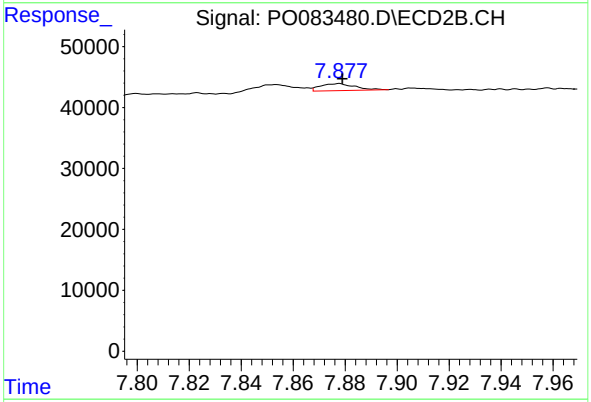
R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 85071
Conc: 66.63 ng/ml




#37 AR-1262-2

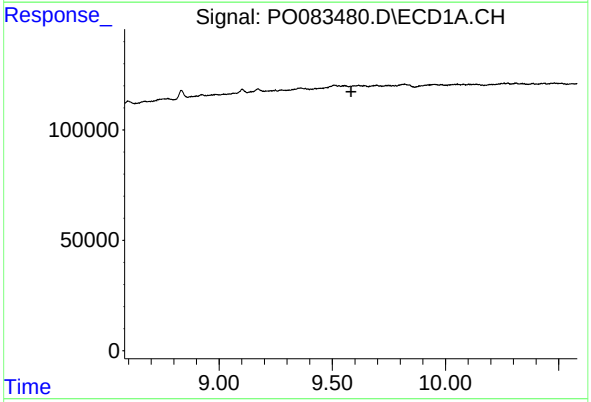
R.T.: 9.172 min
Delta R.T.: 0.000 min
Response: 48318
Conc: 6.65 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



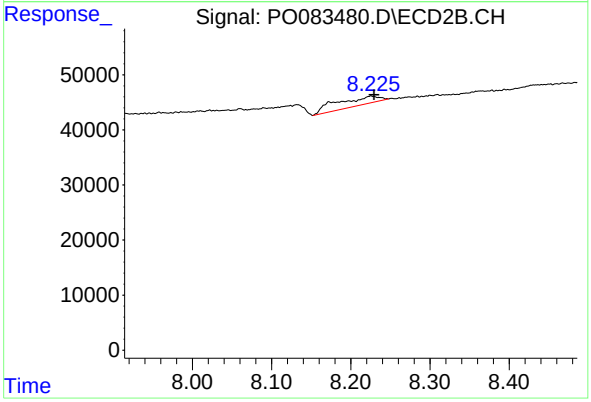

#37 AR-1262-2

R.T.: 7.877 min
Delta R.T.: -0.002 min
Response: 10569
Conc: 2.25 ng/ml



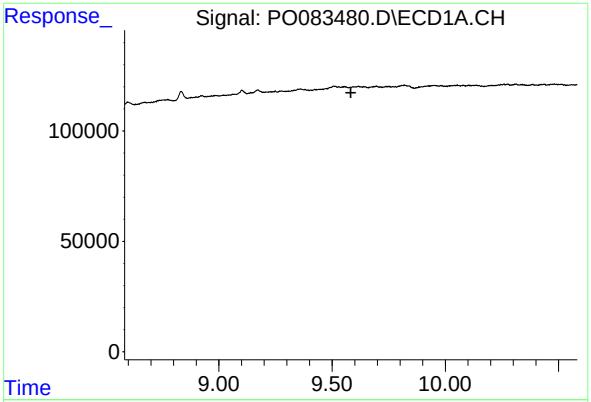

#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.583 min
Response: 0
Conc: N.D.




#39 AR-1262-4

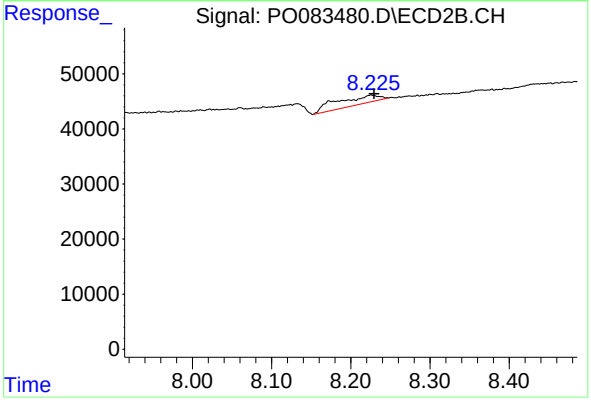
R.T.: 8.226 min
Delta R.T.: -0.004 min
Response: 58564
Conc: 17.41 ng/ml




#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.583 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**




#42 AR-1268-2

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 58564
Conc: 12.00 ng/ml