Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110822\
Data File : PO090290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2022 13:19
Operator : YP/AJ
Sample : N5479-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:08:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 28 05:05:44 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... | 4.304 | 3.483 | 55300801 | 18698324 | 17.207 | 17.594 | |
| 2) | SA Decachlor... | 10.050 | 8.487 | 42376809 | 16727386 | 17.293 | 16.241 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.478 | 4.568 | 1480182 | 312042 | 13.916 | 8.078 | # |
| 4) | L1 AR-1016-2 | 5.503 | 4.585 | 1955687 | 361594 | 12.838 | 6.760 | # |
| 5) | L1 AR-1016-3 | 5.562 | 4.767 | 1052443 | 429369 | 11.138 | 14.789 | # |
| 6) | L1 AR-1016-4 | 5.701f | 4.806 | 543672 | 5015387 | 7.250 | 202.046 | # |
| 7) | L1 AR-1016-5 | 5.959 | 5.019 | 8220146 | 2824471 | 106.505 | 91.945 | |
| 8) | L2 AR-1221-1 | 4.510 | 3.708 | 1878470 | 227462 | 49.212 | 17.026 | # |
| 9) | L2 AR-1221-2 | 4.611 | 3.778 | 977324 | 589629 | 34.379 | 58.098 | # |
| 10) | L2 AR-1221-3 | 4.715 | 3.857 | 2309095 | 157560 | 26.966 | 5.065 | # |
| 11) | L3 AR-1232-1 | 4.715 | 3.857 | 2309095 | 157560 | 35.262 | 6.623 | # |
| 12) | L3 AR-1232-2 | 5.185 | 4.585 | 6796367 | 361594 | 176.796 | 15.090 | # |
| 13) | L3 AR-1232-3 | 5.503 | 4.767 | 1955687 | 429369 | 29.184 | 33.812 | |
| 14) | L3 AR-1232-4 | 5.701 | 4.847 | 543672 | 1611472 | 16.466 | 132.169 | # |
| 15) | L3 AR-1232-5 | 5.755 | 5.019 | 13332171 | 2824471 | 503.231 | 211.542 | # |
| 16) | L4 AR-1242-1 | 5.478 | 4.568 | 1480182 | 312042 | 17.889 | 10.481 | # |
| 17) | L4 AR-1242-2 | 5.503 | 4.585 | 1955687 | 361594 | 16.559 | 8.890 | # |
| 18) | L4 AR-1242-3 | 5.562 | 4.767 | 1052443 | 429369 | 14.139 | 19.418 | # |
| 19) | L4 AR-1242-4 | 5.701f | 4.847 | 543672 | 1611472 | 9.332 | 67.955 | # |
| 20) | L4 AR-1242-5 | 6.408 | 5.373 | 9454023 | 13508018 | 153.801 | 472.225 | # |
| 21) | L5 AR-1248-1 | 5.478 | 4.568 | 1480182 | 312042 | 23.403 | 13.745 | # |
| 22) | L5 AR-1248-2 | 5.755 | 4.806 | 13332171 | 5015387 | 140.782 | 154.263 | |
| 23) | L5 AR-1248-3 | 5.959 | 4.847 | 8220146 | 1611472 | 83.385 | 47.807 | # |
| 24) | L5 AR-1248-4 | 6.340 | 5.019 | 38977053 | 2824471 | 365.573 | 73.034 | # |
| 25) | L5 AR-1248-5 | 6.408 | 5.413 | 9454023 | 1326555 | 89.999 | 36.636 | # |
| 26) | L6 AR-1254-1 | 6.340 | 5.373 | 38977053 | 13508018 | 336.307 | 229.317 | # |
| 27) | L6 AR-1254-2 | 6.559 | 5.522 | 50932033 | 12928662 | 292.825 | 241.295 | |
| 28) | L6 AR-1254-3 | 6.930 | 5.927 | 66424924 | 21216340 | 382.621 | 255.981 | # |
| 29) | L6 AR-1254-4 | 7.214 | 6.156 | 27368134 | 10202178 | 214.708 | 205.422 | |
| 30) | L6 AR-1254-5 | 7.636 | 6.576 | 54705931 | 23191915 | 388.372 | 309.740 | |
| 31) | L7 AR-1260-1 | 7.093 | 6.058 | 27055356 | 13410069 | 192.997 | 222.754 | |
| 32) | L7 AR-1260-2 | 7.342 | 6.247 | 103.7E6 | 12208776 | 641.036 | 168.997 | # |
| 33) | L7 AR-1260-3 | 7.713 | 6.399 | 11649493 | 12191476 | 110.889 | 182.963 | # |
| 34) | L7 AR-1260-4 | 7.928 | 6.874 | 24784888 | 3936912 | 200.620 | 77.385 | # |
| 35) | L7 AR-1260-5 | 8.256 | 7.118 | 20055725 | 8300916 | 88.135 | 71.466 | |
| 36) | L8 AR-1262-1 | 7.713 | 6.613 | 11649493 | 3789675 | 70.275 | 50.014 | # |
| 37) | L8 AR-1262-2 | 8.256 | 7.118 | 20055725 | 8300916 | 71.383 | 64.734 | |
| 38) | L8 AR-1262-3 | 8.575 | 7.402 | 15261503 | 2507994 | 77.725 | 46.053 | # |
| 39) | L8 AR-1262-4 | 8.653 | 7.465 | 4253800 | 8022055 | 43.716 | 82.599 | # |
| 40) | L8 AR-1262-5 | 9.304 | 7.962 | 5602331 | 2362785 | 53.167 | 49.784 | |
| 41) | L9 AR-1268-1 | 8.575 | 7.402 | 15261503 | 2507994 | 43.775 | 15.919 | # |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110822\
Data File : PO090290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2022 13:19
Operator : YP/AJ
Sample : N5479-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:08:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 28 05:05:44 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 | 8.653 | 7.465 | 4253800 | 8022055 | 13.635 | 57.175 # |
| 43) L9 | AR-1268-3 | 8.882 | 7.673 | 612535 | 443368 | 2.279 | 3.695 # |
| 44) L9 | AR-1268-4 | 9.304 | 7.962 | 5602331 | 2362785 | 48.080 | 43.506 |
| 45) L9 | AR-1268-5 | 9.713 | 8.242 | 3503657 | 1557256 | 4.086 | 4.448 |

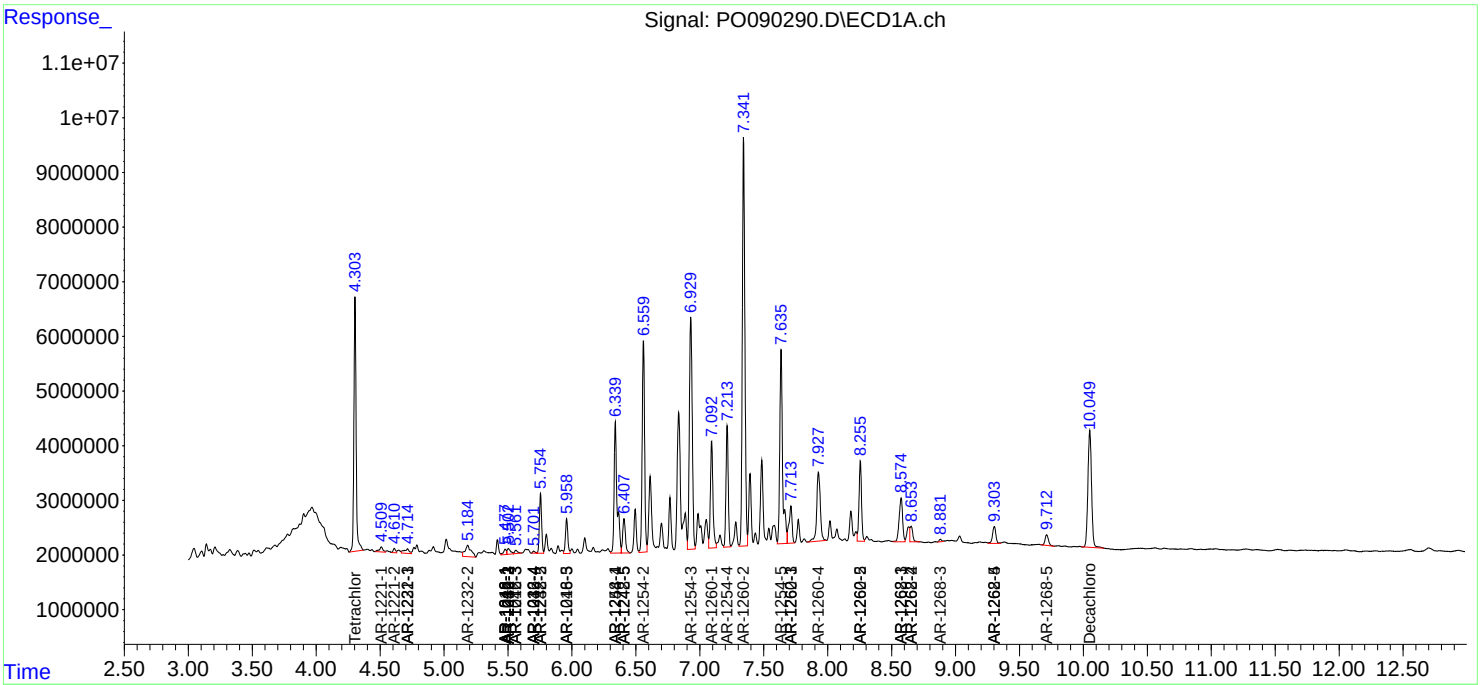
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

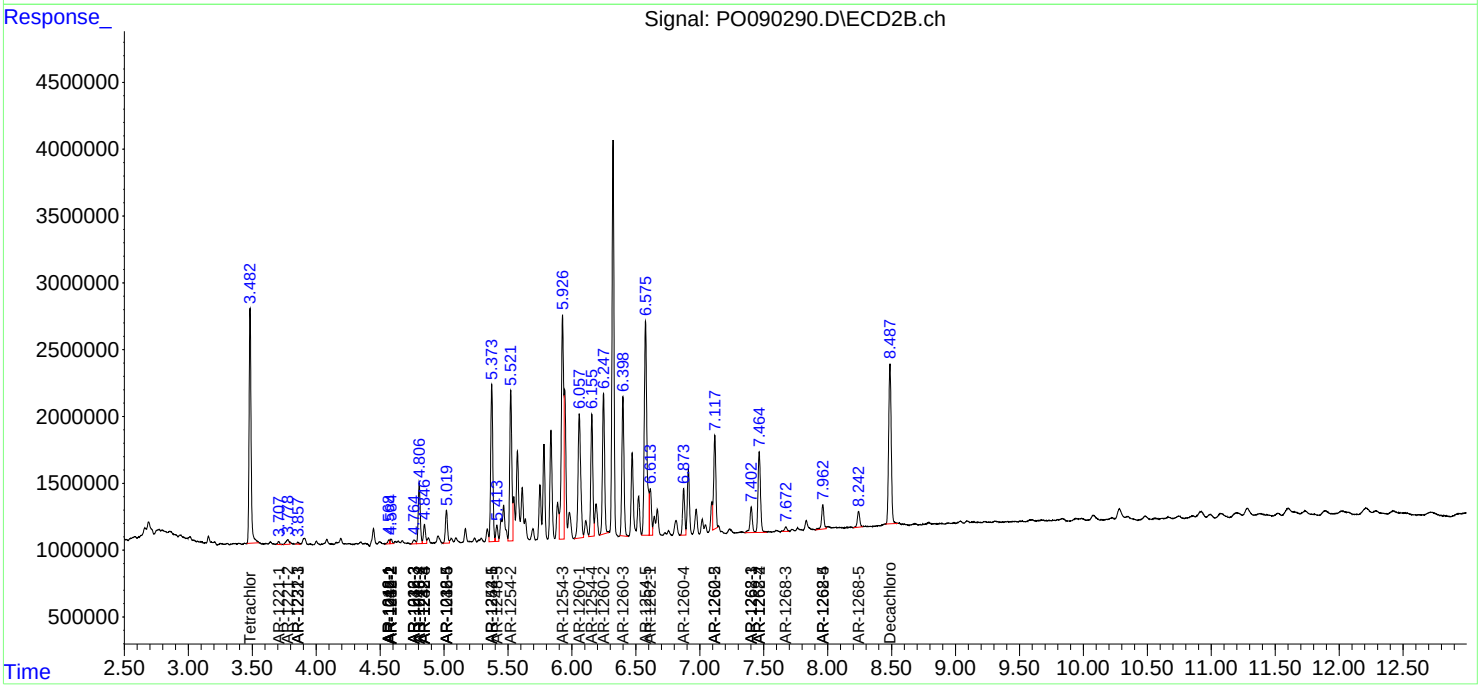
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110822\
Data File : PO090290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2022 13:19
Operator : YP/AJ
Sample : N5479-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

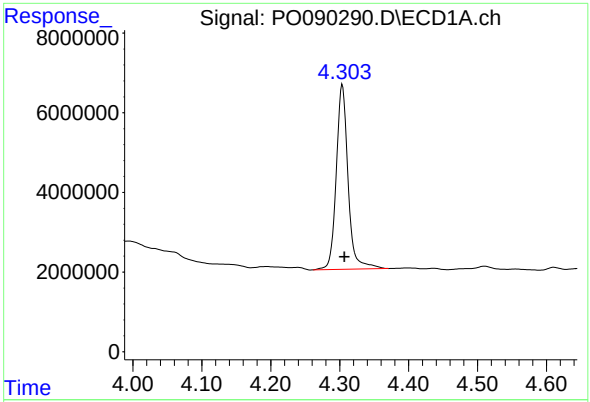
**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 21:08:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 28 05:05:44 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



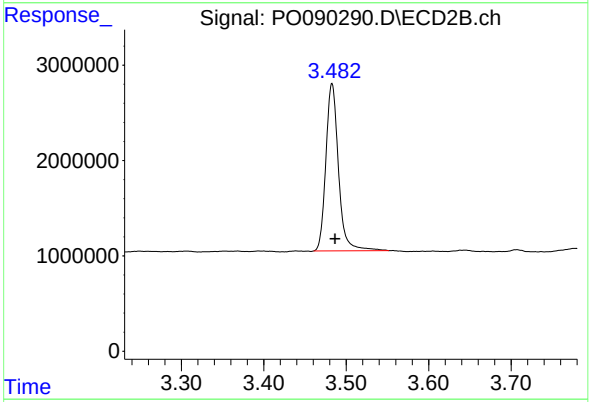






#1 Tetrachloro-m-xylene

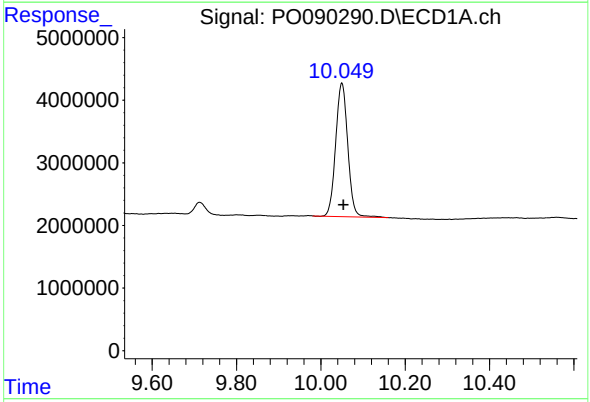
R.T.: 4.304 min
Delta R.T.: -0.003 min
Response: 55300801
Conc: 17.21 ng/ml

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



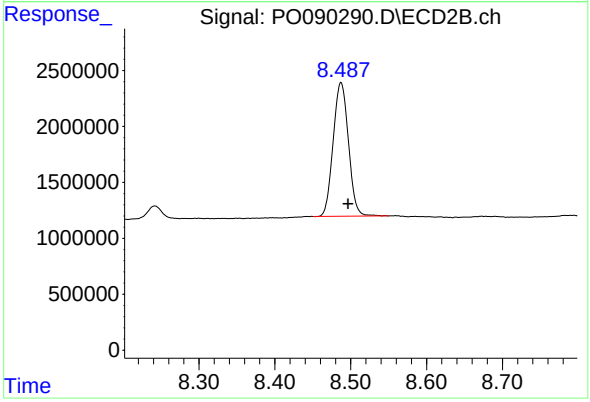

#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: -0.004 min
Response: 18698324
Conc: 17.59 ng/ml



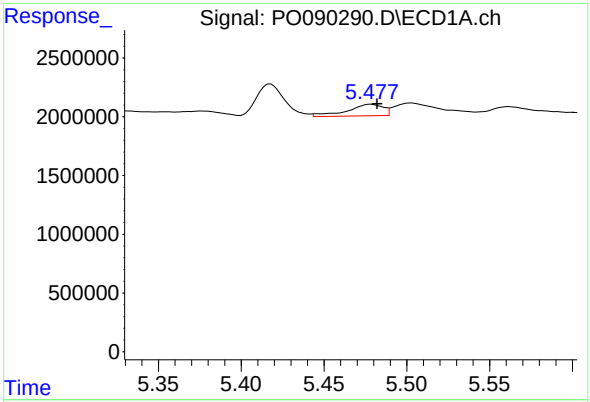

#2 Decachlorobiphenyl

R.T.: 10.050 min
Delta R.T.: -0.004 min
Response: 42376809
Conc: 17.29 ng/ml




#2 Decachlorobiphenyl

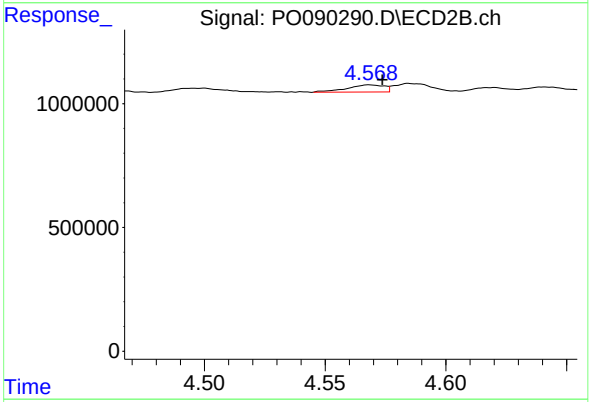
R.T.: 8.487 min
Delta R.T.: -0.009 min
Response: 16727386
Conc: 16.24 ng/ml




#3 AR-1016-1

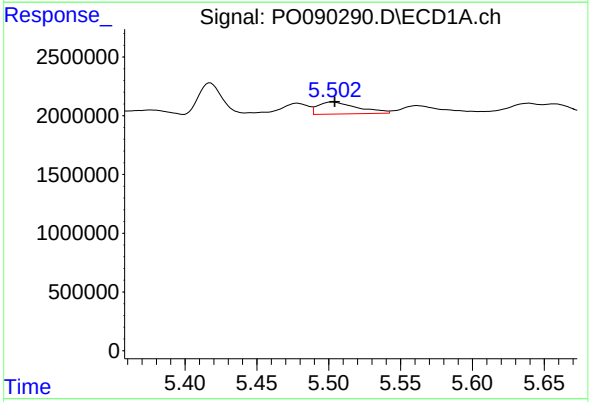
R.T.: 5.478 min
Delta R.T.: -0.004 min
Response: 1480182
Conc: 13.92 ng/ml

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



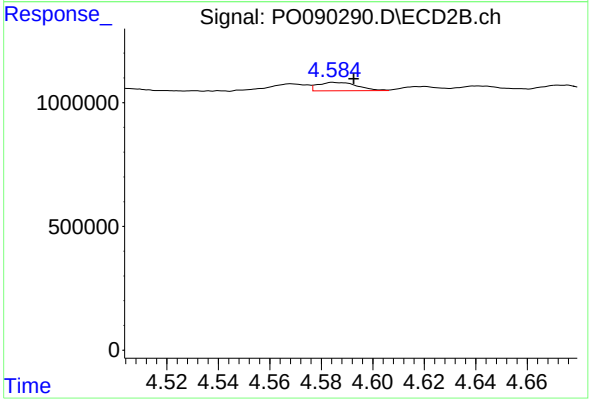

#3 AR-1016-1

R.T.: 4.568 min
Delta R.T.: -0.005 min
Response: 312042
Conc: 8.08 ng/ml



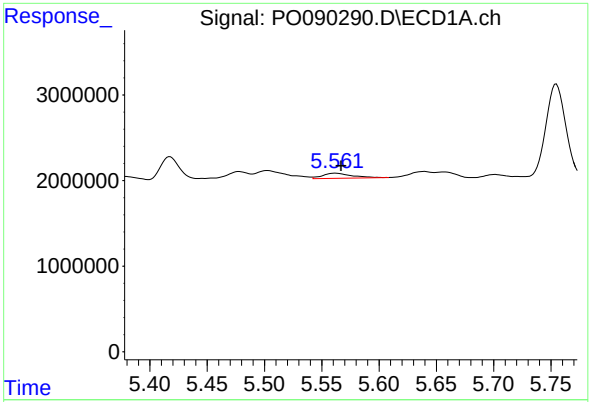

#4 AR-1016-2

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 1955687
Conc: 12.84 ng/ml




#4 AR-1016-2

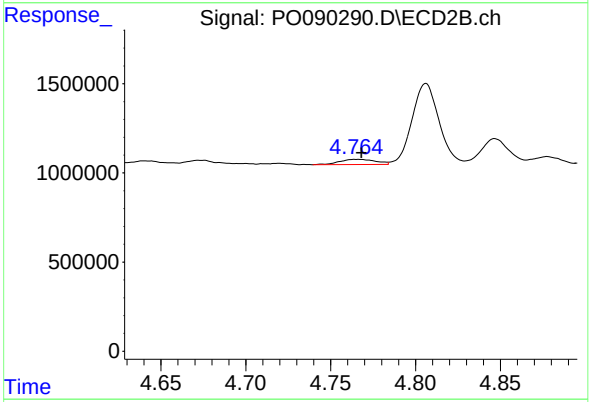
R.T.: 4.585 min
Delta R.T.: -0.008 min
Response: 361594
Conc: 6.76 ng/ml




#5 AR-1016-3

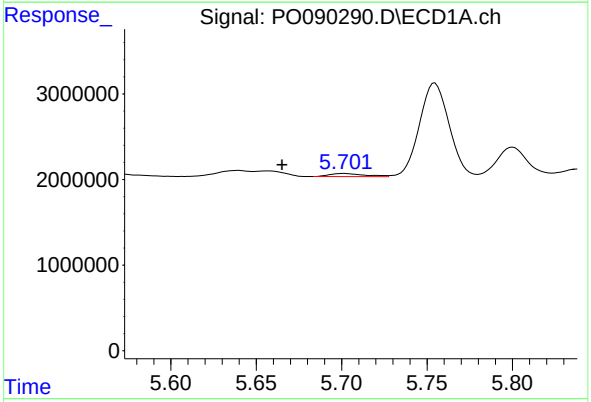
R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 1052443
Conc: 11.14 ng/ml

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



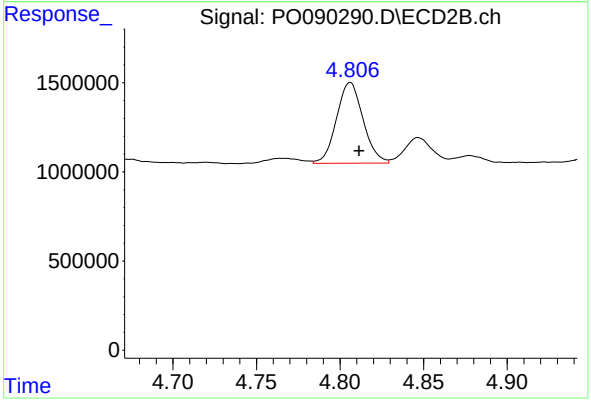

#5 AR-1016-3

R.T.: 4.767 min
Delta R.T.: -0.001 min
Response: 429369
Conc: 14.79 ng/ml



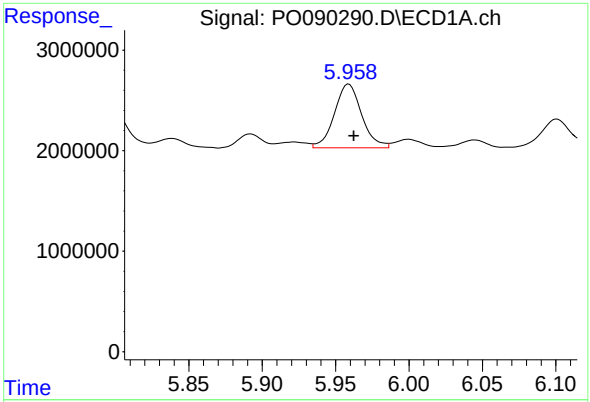

#6 AR-1016-4

R.T.: 5.701 min
Delta R.T.: 0.036 min
Response: 543672
Conc: 7.25 ng/ml




#6 AR-1016-4

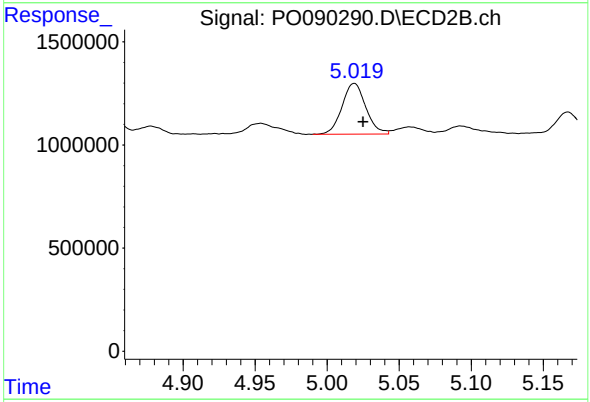
R.T.: 4.806 min
Delta R.T.: -0.005 min
Response: 5015387
Conc: 202.05 ng/ml




#7 AR-1016-5

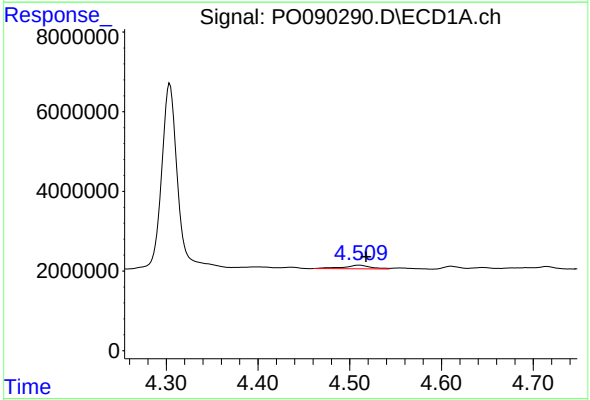
R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 8220146
Conc: 106.50 ng/ml

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



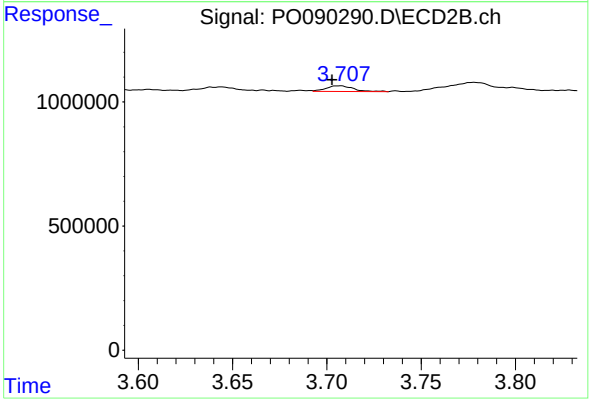

#7 AR-1016-5

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 2824471
Conc: 91.94 ng/ml



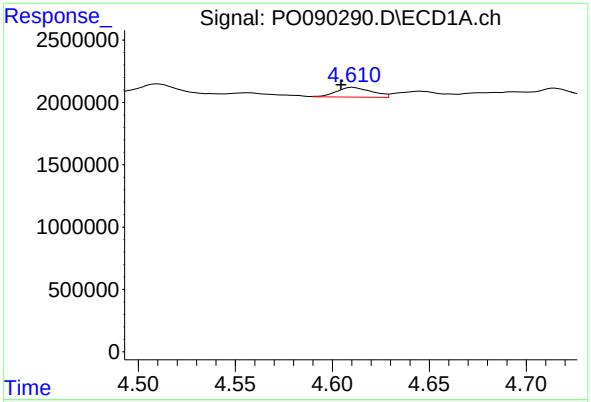

#8 AR-1221-1

R.T.: 4.510 min
Delta R.T.: -0.008 min
Response: 1878470
Conc: 49.21 ng/ml




#8 AR-1221-1

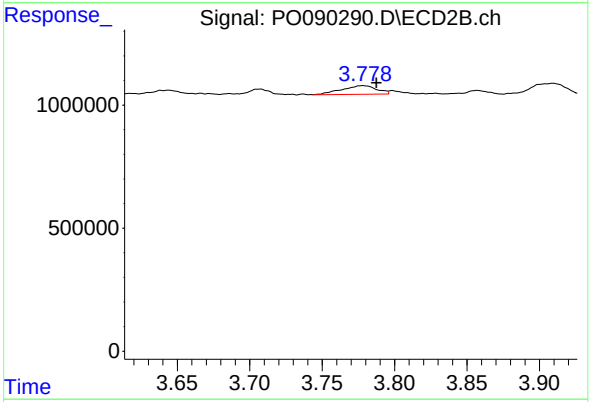
R.T.: 3.708 min
Delta R.T.: 0.005 min
Response: 227462
Conc: 17.03 ng/ml




#9 AR-1221-2

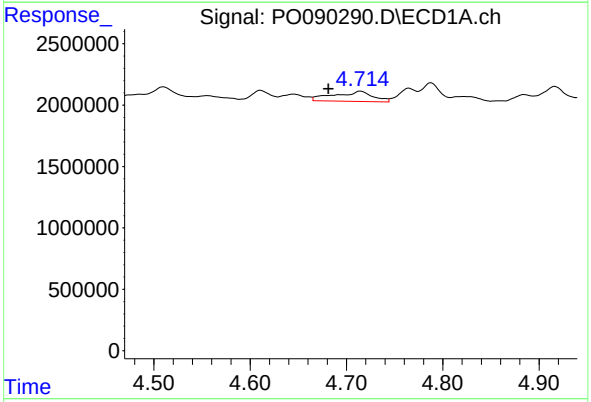
R.T.: 4.611 min
Delta R.T.: 0.006 min
Response: 977324
Conc: 34.38 ng/ml

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



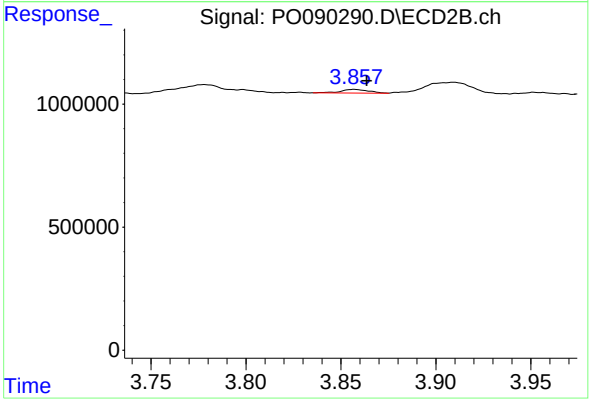

#9 AR-1221-2

R.T.: 3.778 min
Delta R.T.: -0.009 min
Response: 589629
Conc: 58.10 ng/ml



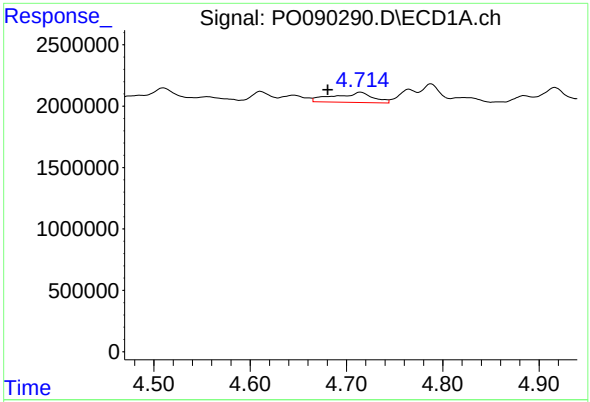

#10 AR-1221-3

R.T.: 4.715 min
Delta R.T.: 0.033 min
Response: 2309095
Conc: 26.97 ng/ml




#10 AR-1221-3

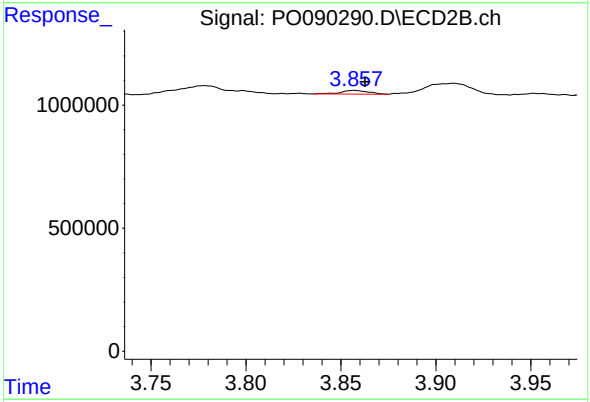
R.T.: 3.857 min
Delta R.T.: -0.006 min
Response: 157560
Conc: 5.06 ng/ml




#11 AR-1232-1

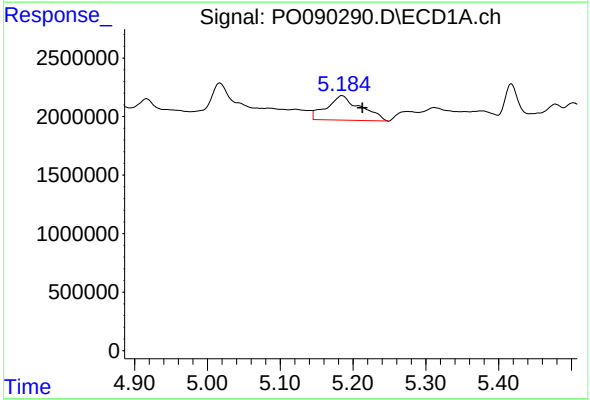
R.T.: 4.715 min
Delta R.T.: 0.034 min
Response: 2309095
Conc: 35.26 ng/ml

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



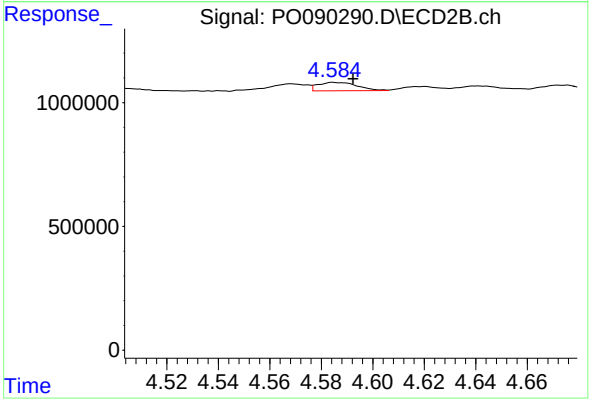

#11 AR-1232-1

R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 157560
Conc: 6.62 ng/ml



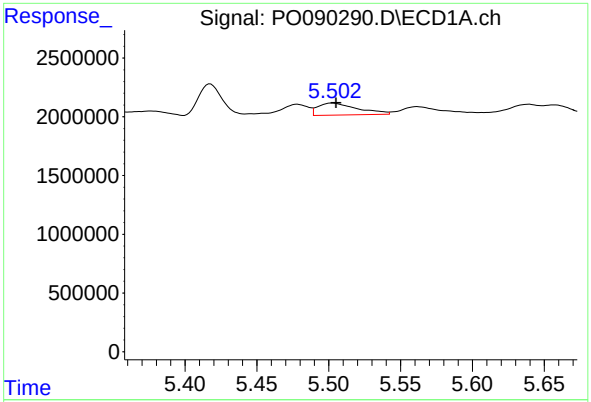

#12 AR-1232-2

R.T.: 5.185 min
Delta R.T.: -0.028 min
Response: 6796367
Conc: 176.80 ng/ml




#12 AR-1232-2

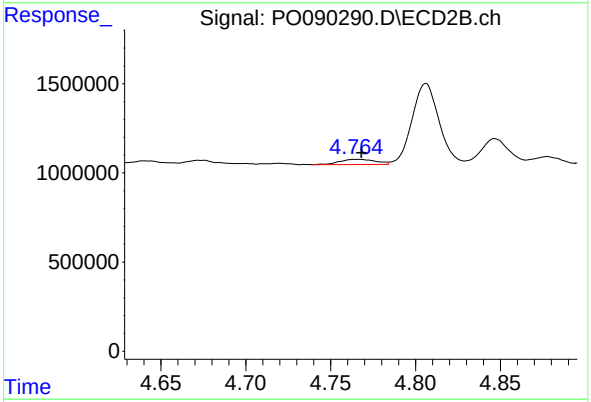
R.T.: 4.585 min
Delta R.T.: -0.008 min
Response: 361594
Conc: 15.09 ng/ml




#13 AR-1232-3

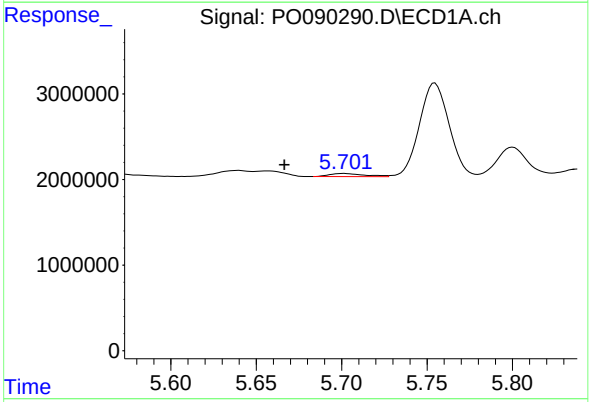
R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 1955687
Conc: 29.18 ng/ml

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



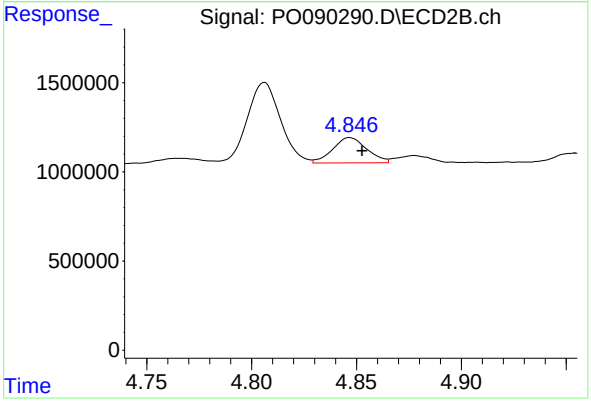

#13 AR-1232-3

R.T.: 4.767 min
Delta R.T.: -0.001 min
Response: 429369
Conc: 33.81 ng/ml



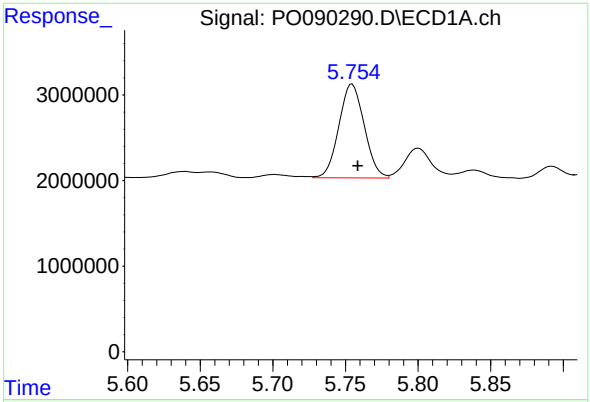

#14 AR-1232-4

R.T.: 5.701 min
Delta R.T.: 0.035 min
Response: 543672
Conc: 16.47 ng/ml




#14 AR-1232-4

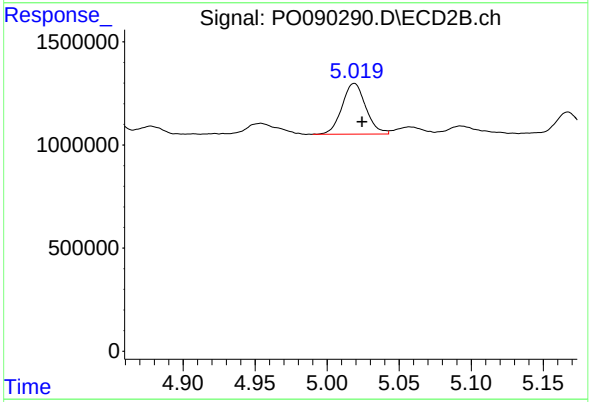
R.T.: 4.847 min
Delta R.T.: -0.006 min
Response: 1611472
Conc: 132.17 ng/ml




#15 AR-1232-5

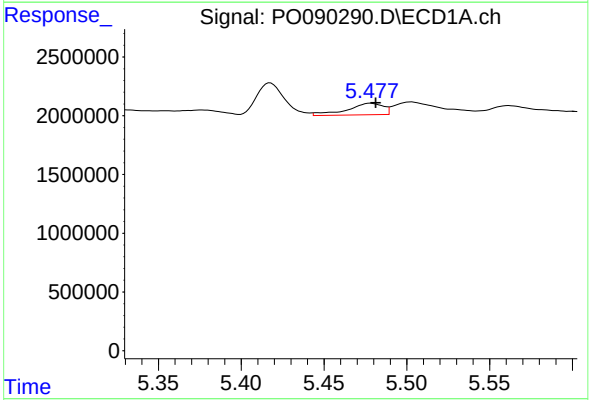
R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 13332171
Conc: 503.23 ng/ml

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



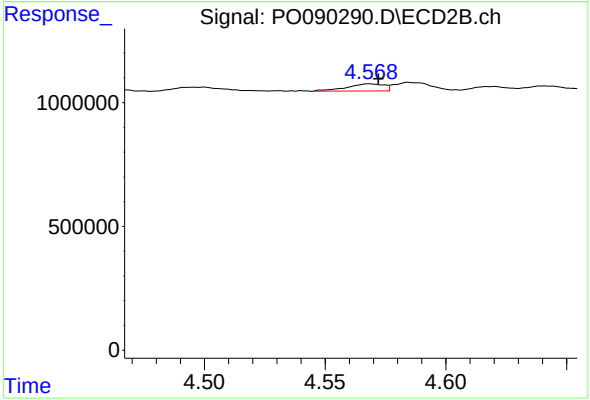

#15 AR-1232-5

R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 2824471
Conc: 211.54 ng/ml



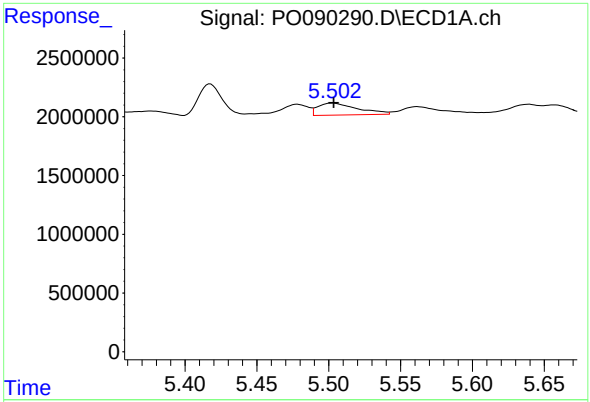

#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 1480182
Conc: 17.89 ng/ml




#16 AR-1242-1

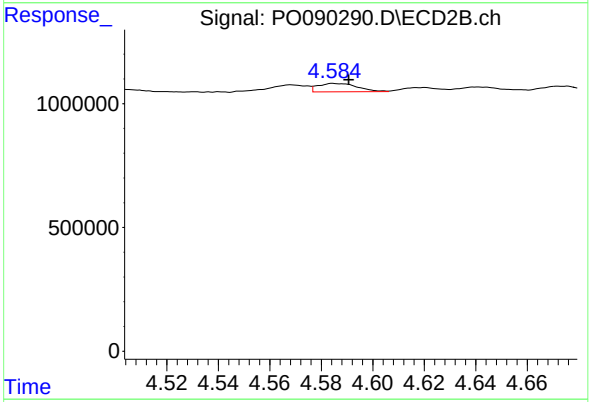
R.T.: 4.568 min
Delta R.T.: -0.004 min
Response: 312042
Conc: 10.48 ng/ml




#17 AR-1242-2

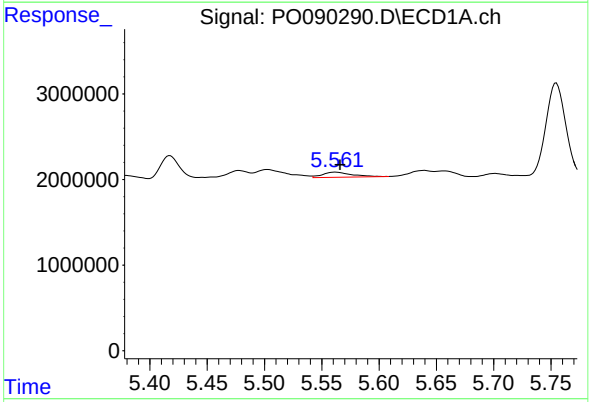
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 1955687
Conc: 16.56 ng/ml

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



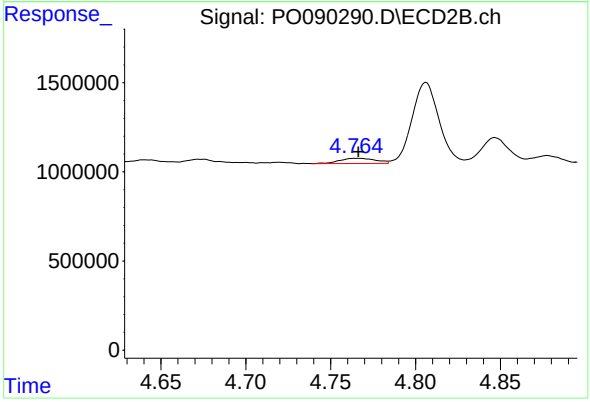

#17 AR-1242-2

R.T.: 4.585 min
Delta R.T.: -0.006 min
Response: 361594
Conc: 8.89 ng/ml



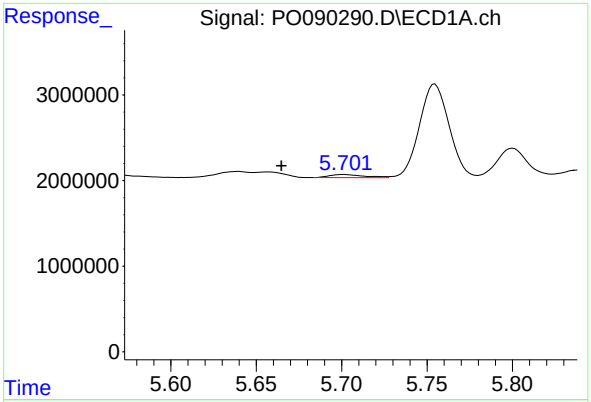

#18 AR-1242-3

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 1052443
Conc: 14.14 ng/ml




#18 AR-1242-3

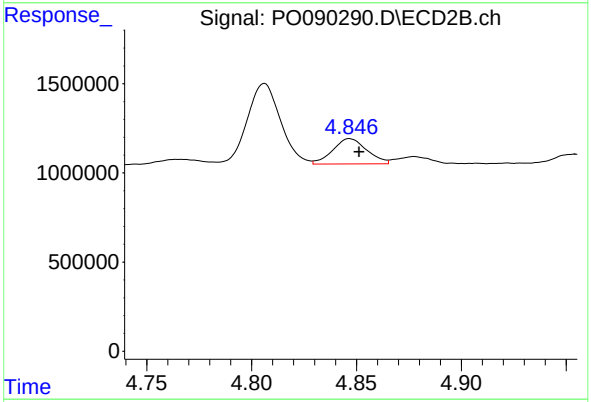
R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 429369
Conc: 19.42 ng/ml




#19 AR-1242-4

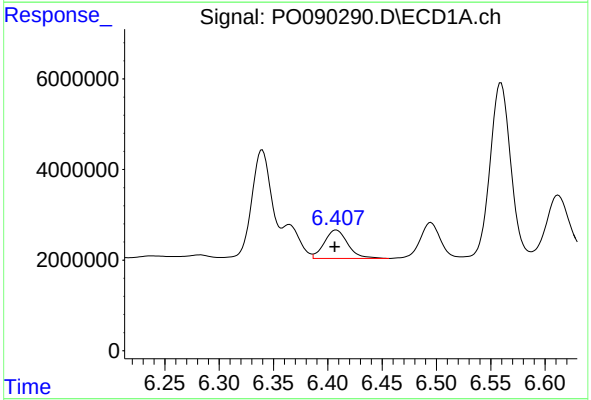
R.T.: 5.701 min
Delta R.T.: 0.037 min
Response: 543672
Conc: 9.33 ng/ml

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



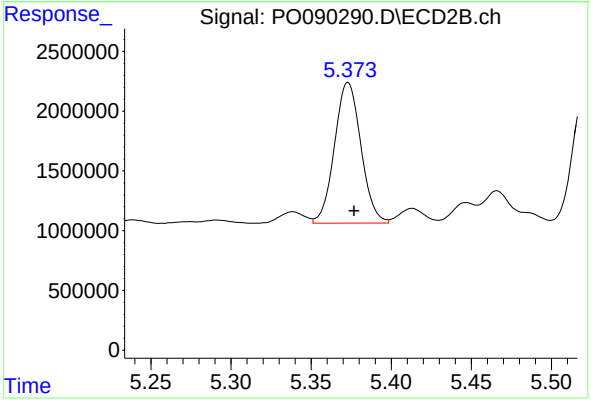

#19 AR-1242-4

R.T.: 4.847 min
Delta R.T.: -0.004 min
Response: 1611472
Conc: 67.96 ng/ml



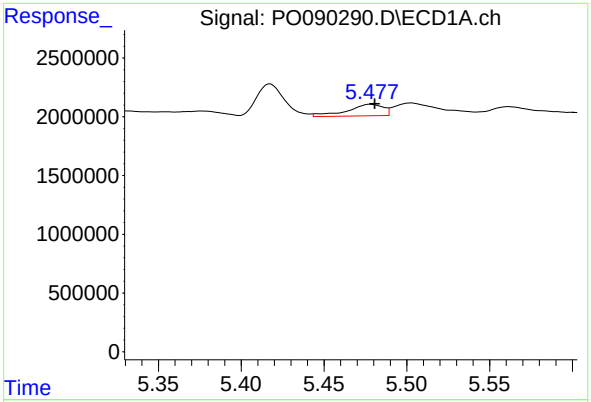

#20 AR-1242-5

R.T.: 6.408 min
Delta R.T.: 0.001 min
Response: 9454023
Conc: 153.80 ng/ml




#20 AR-1242-5

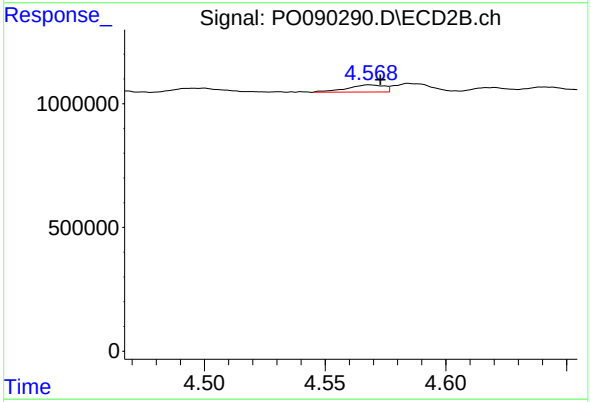
R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 13508018
Conc: 472.23 ng/ml




#21 AR-1248-1

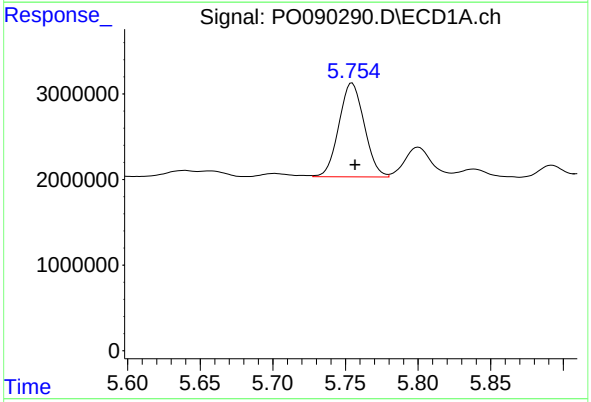
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 1480182
Conc: 23.40 ng/ml

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



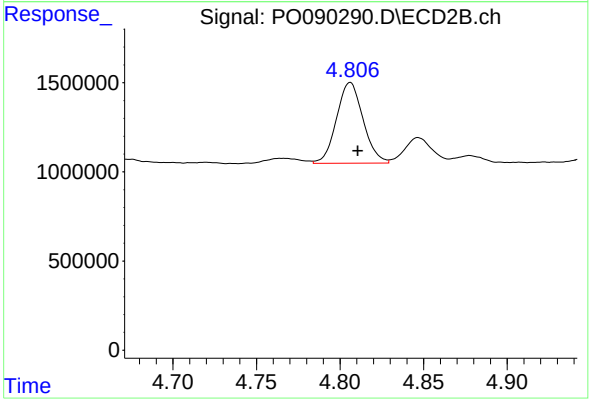

#21 AR-1248-1

R.T.: 4.568 min
Delta R.T.: -0.005 min
Response: 312042
Conc: 13.75 ng/ml



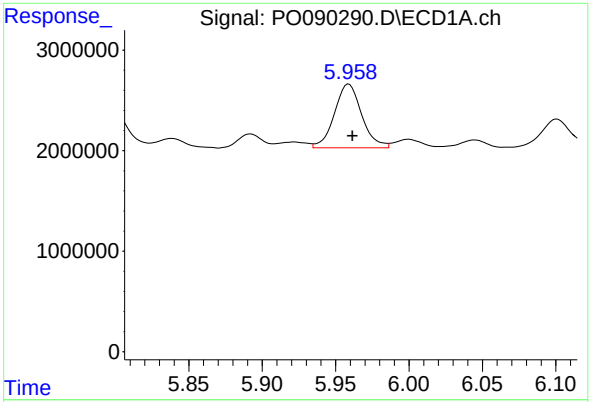

#22 AR-1248-2

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 13332171
Conc: 140.78 ng/ml




#22 AR-1248-2

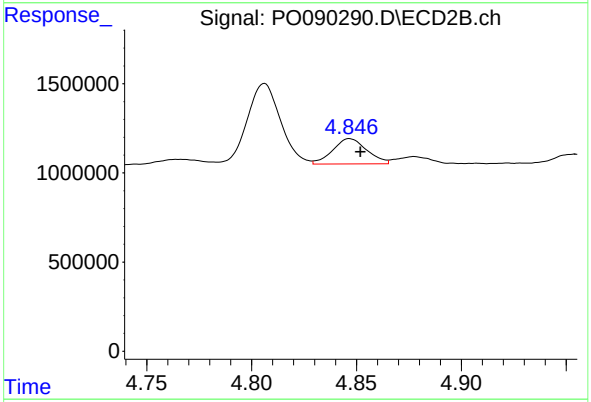
R.T.: 4.806 min
Delta R.T.: -0.004 min
Response: 5015387
Conc: 154.26 ng/ml




#23 AR-1248-3

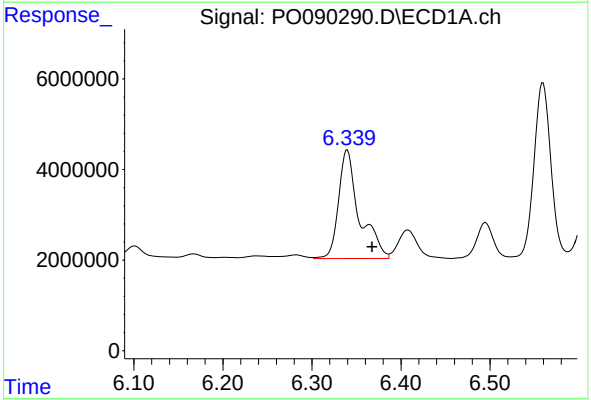
R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 8220146
Conc: 83.38 ng/ml

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



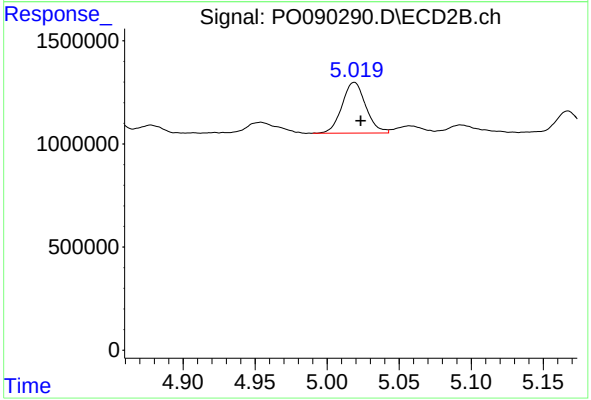

#23 AR-1248-3

R.T.: 4.847 min
Delta R.T.: -0.005 min
Response: 1611472
Conc: 47.81 ng/ml



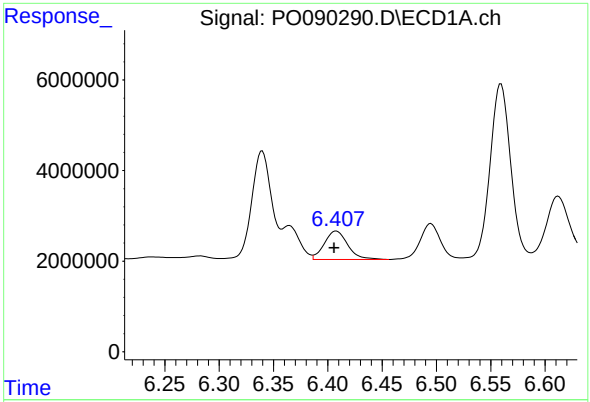

#24 AR-1248-4

R.T.: 6.340 min
Delta R.T.: -0.028 min
Response: 38977053
Conc: 365.57 ng/ml




#24 AR-1248-4

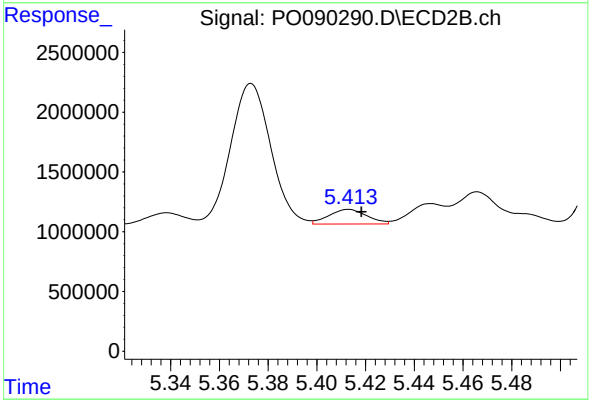
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 2824471
Conc: 73.03 ng/ml




#25 AR-1248-5

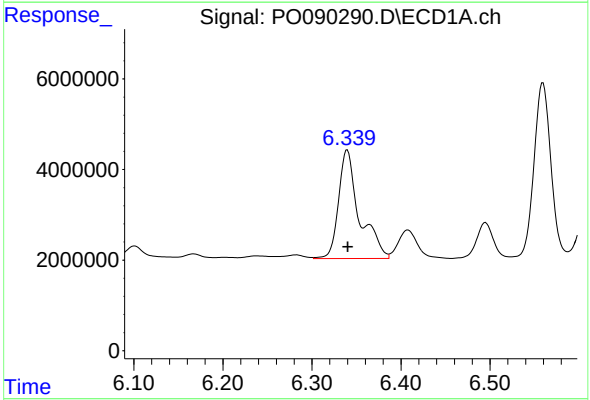
R.T.: 6.408 min
Delta R.T.: 0.002 min
Response: 9454023
Conc: 90.00 ng/ml

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



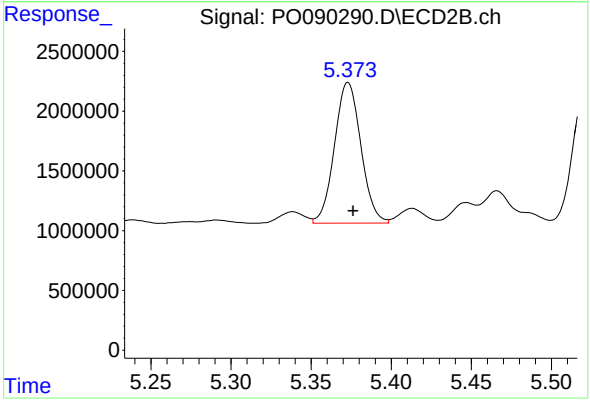

#25 AR-1248-5

R.T.: 5.413 min
Delta R.T.: -0.005 min
Response: 1326555
Conc: 36.64 ng/ml



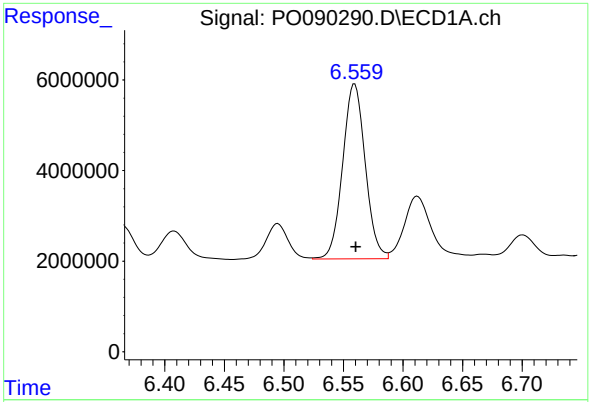

#26 AR-1254-1

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 38977053
Conc: 336.31 ng/ml




#26 AR-1254-1

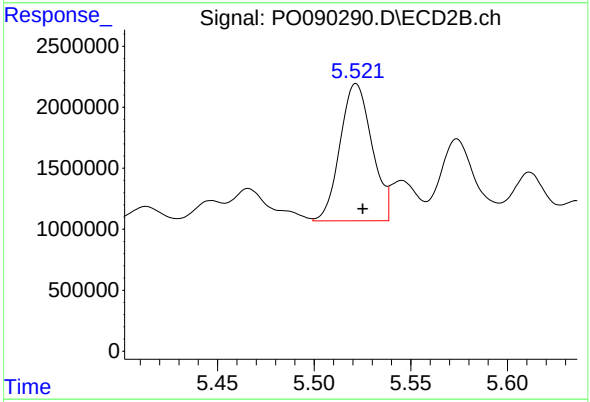
R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 13508018
Conc: 229.32 ng/ml




#27 AR-1254-2

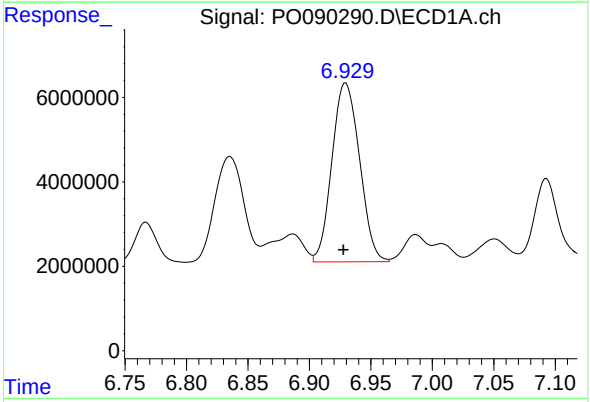
R.T.: 6.559 min
Delta R.T.: -0.001 min
Response: 50932033
Conc: 292.82 ng/ml

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



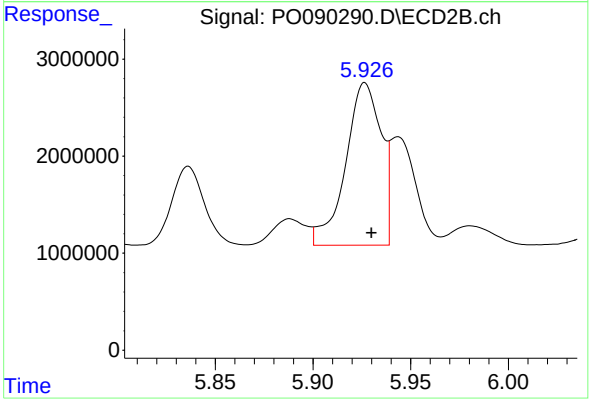

#27 AR-1254-2

R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 12928662
Conc: 241.30 ng/ml



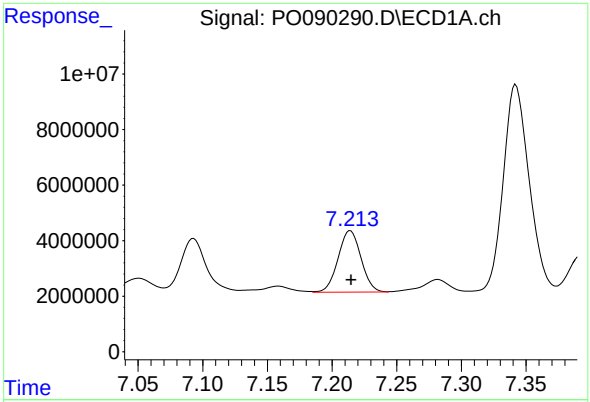

#28 AR-1254-3

R.T.: 6.930 min
Delta R.T.: 0.002 min
Response: 66424924
Conc: 382.62 ng/ml




#28 AR-1254-3

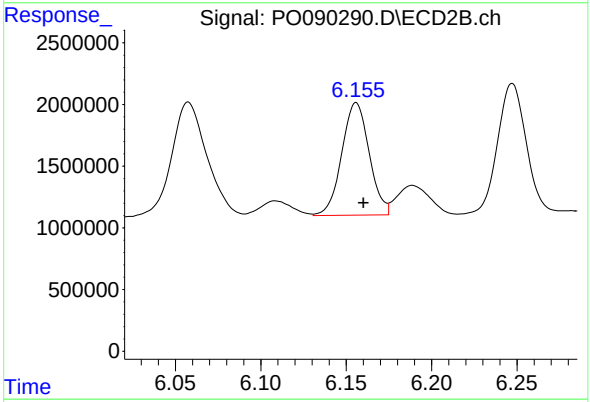
R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 21216340
Conc: 255.98 ng/ml




#29 AR-1254-4

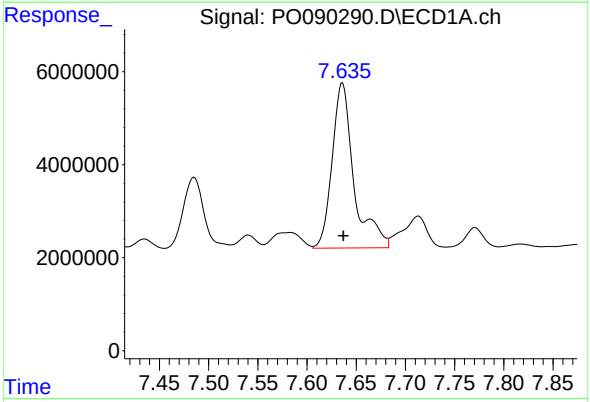
R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 27368134
Conc: 214.71 ng/ml

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



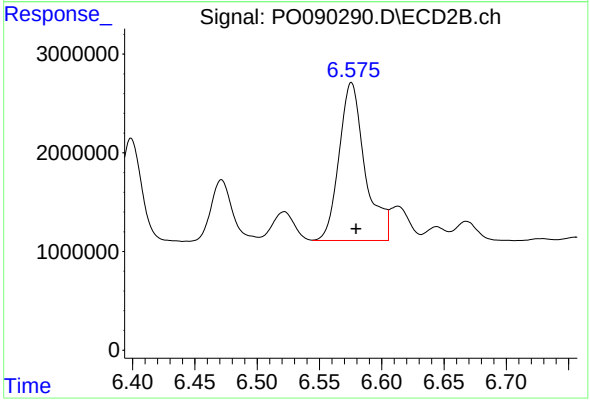

#29 AR-1254-4

R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 10202178
Conc: 205.42 ng/ml



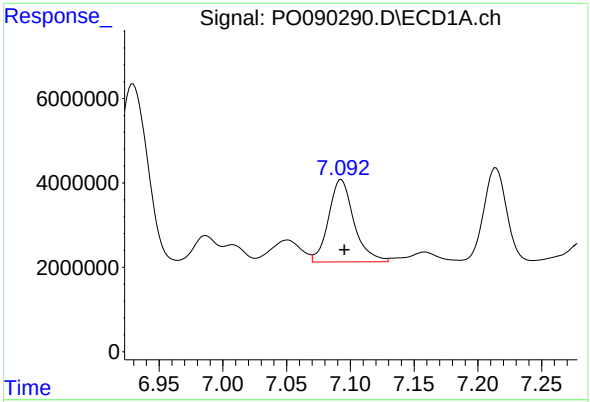

#30 AR-1254-5

R.T.: 7.636 min
Delta R.T.: -0.001 min
Response: 54705931
Conc: 388.37 ng/ml




#30 AR-1254-5

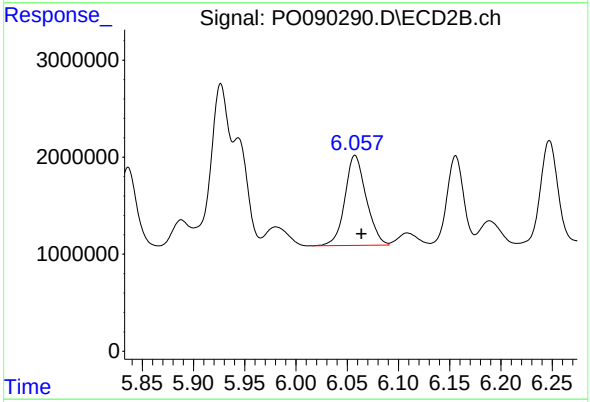
R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 23191915
Conc: 309.74 ng/ml




#31 AR-1260-1

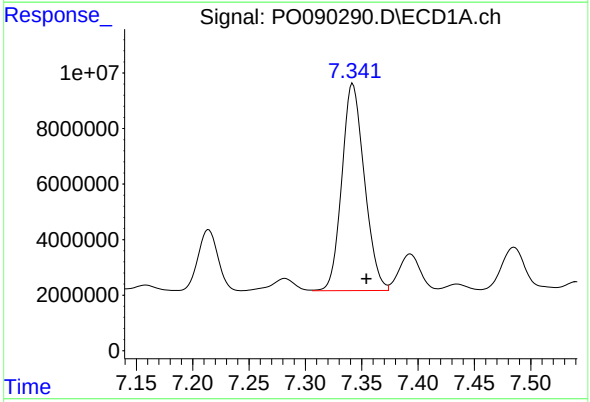
R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 27055356
Conc: 193.00 ng/ml

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



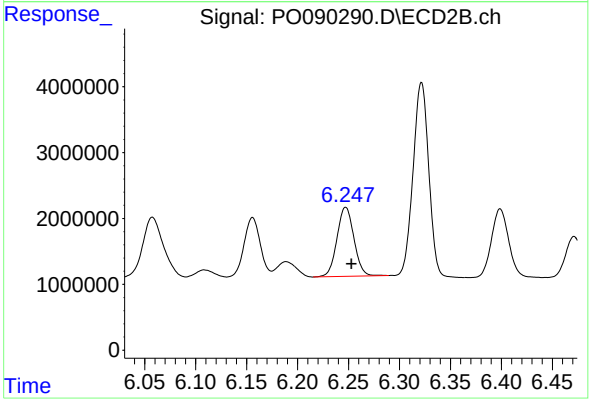

#31 AR-1260-1

R.T.: 6.058 min
Delta R.T.: -0.006 min
Response: 13410069
Conc: 222.75 ng/ml



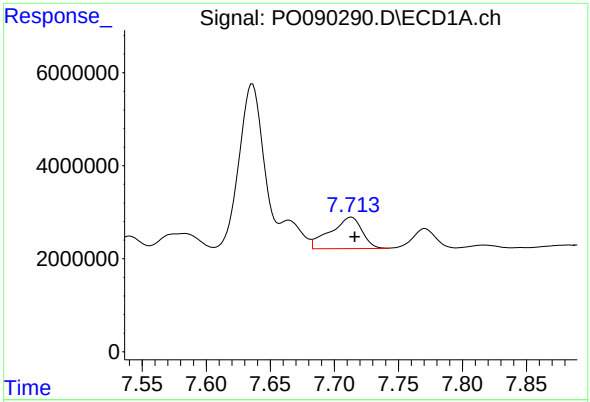

#32 AR-1260-2

R.T.: 7.342 min
Delta R.T.: -0.012 min
Response: 103706659
Conc: 641.04 ng/ml




#32 AR-1260-2

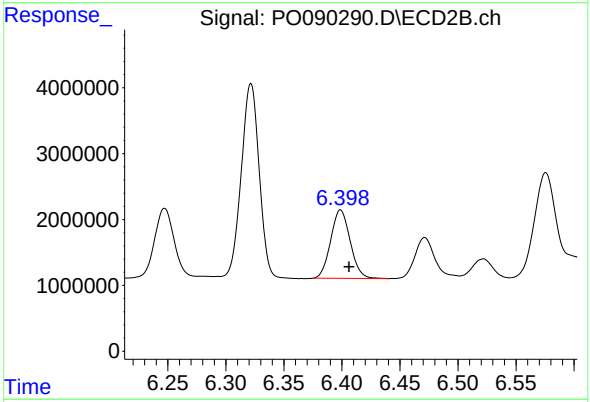
R.T.: 6.247 min
Delta R.T.: -0.006 min
Response: 12208776
Conc: 169.00 ng/ml




#33 AR-1260-3

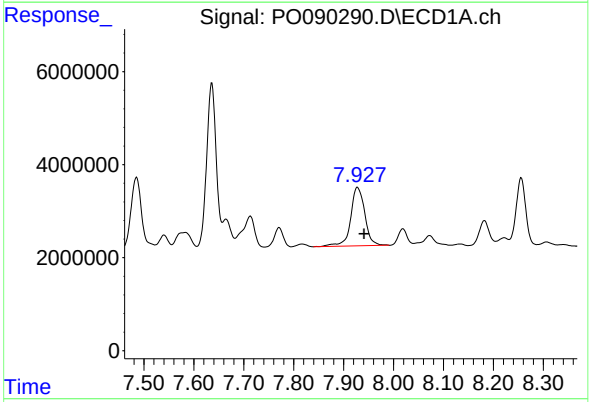
R.T.: 7.713 min
Delta R.T.: -0.003 min
Response: 11649493
Conc: 110.89 ng/ml

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



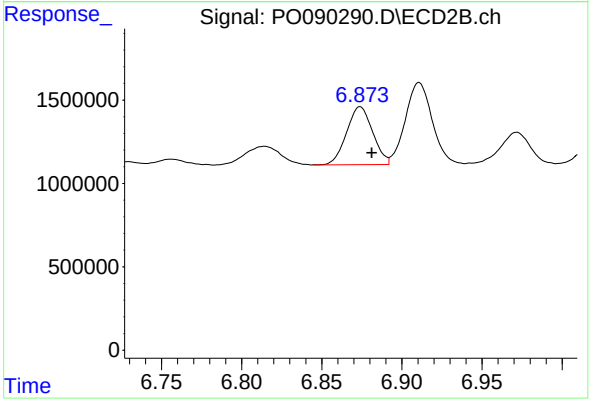

#33 AR-1260-3

R.T.: 6.399 min
Delta R.T.: -0.007 min
Response: 12191476
Conc: 182.96 ng/ml



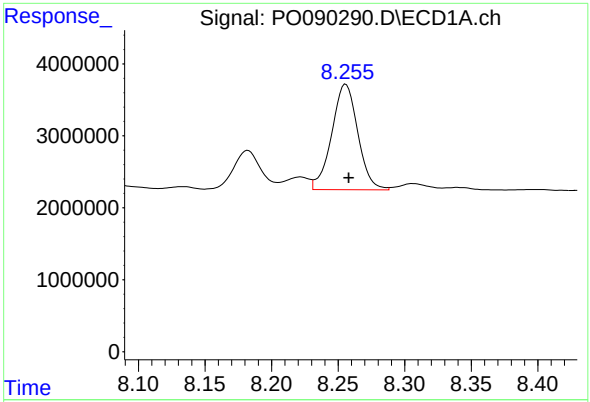

#34 AR-1260-4

R.T.: 7.928 min
Delta R.T.: -0.014 min
Response: 24784888
Conc: 200.62 ng/ml




#34 AR-1260-4

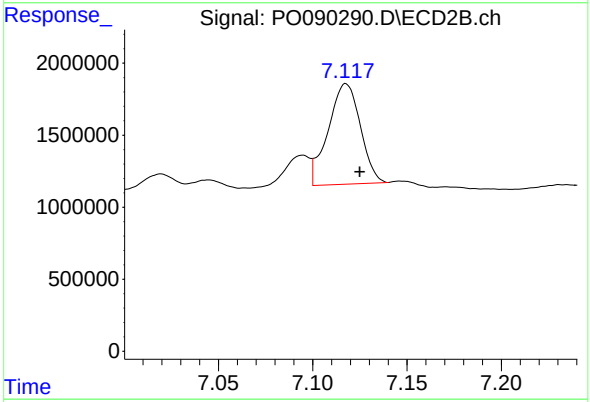
R.T.: 6.874 min
Delta R.T.: -0.007 min
Response: 3936912
Conc: 77.39 ng/ml




#35 AR-1260-5

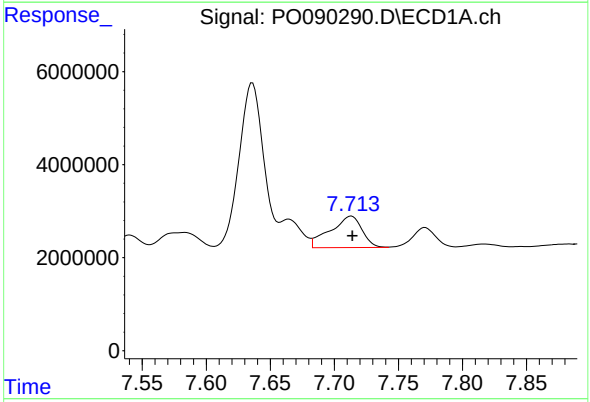
R.T.: 8.256 min
Delta R.T.: -0.002 min
Response: 20055725
Conc: 88.13 ng/ml

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



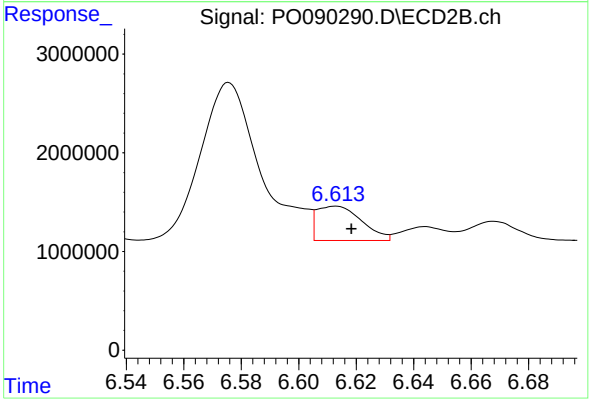

#35 AR-1260-5

R.T.: 7.118 min
Delta R.T.: -0.007 min
Response: 8300916
Conc: 71.47 ng/ml



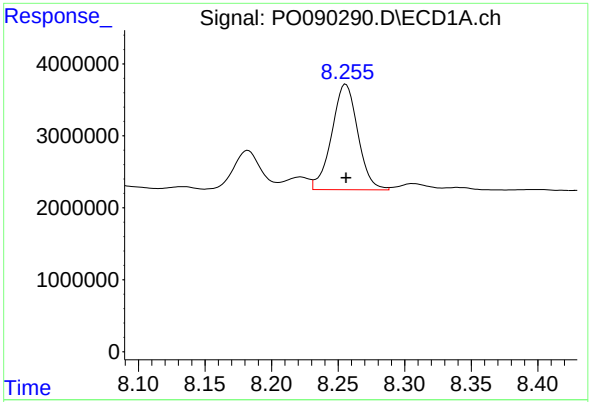

#36 AR-1262-1

R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 11649493
Conc: 70.28 ng/ml




#36 AR-1262-1

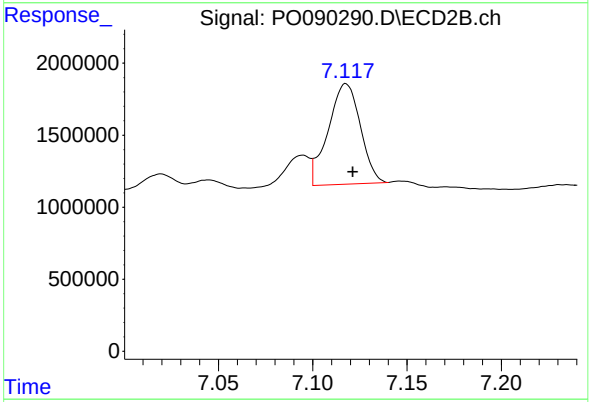
R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 3789675
Conc: 50.01 ng/ml




#37 AR-1262-2

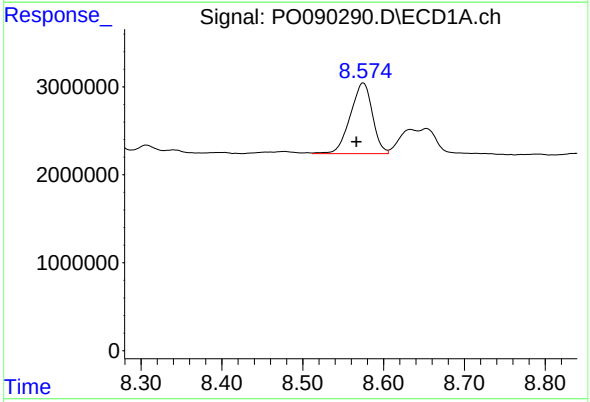
R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 20055725
Conc: 71.38 ng/ml

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



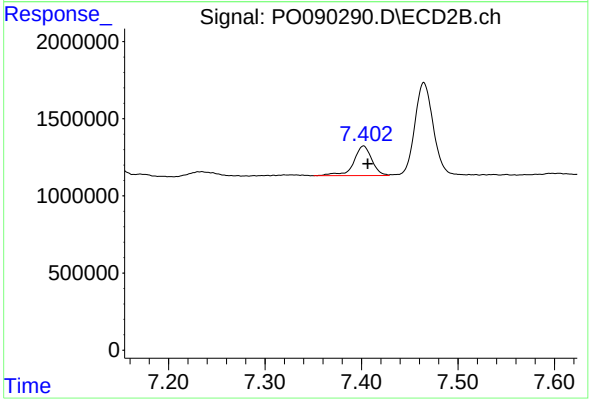

#37 AR-1262-2

R.T.: 7.118 min
Delta R.T.: -0.004 min
Response: 8300916
Conc: 64.73 ng/ml



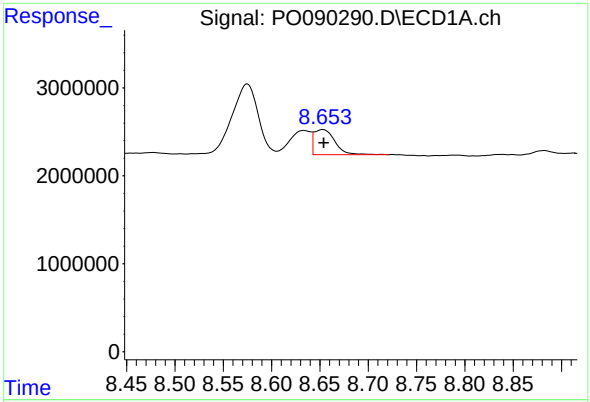

#38 AR-1262-3

R.T.: 8.575 min
Delta R.T.: 0.009 min
Response: 15261503
Conc: 77.73 ng/ml




#38 AR-1262-3

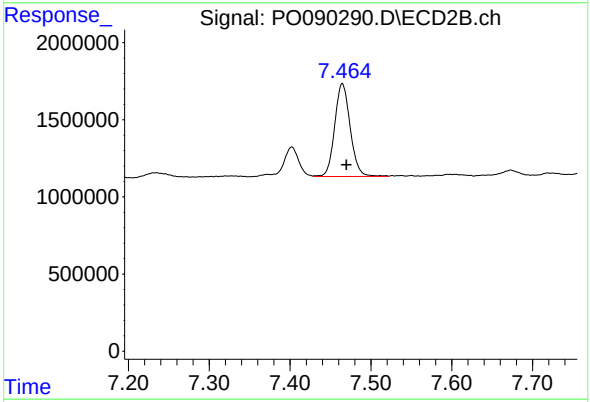
R.T.: 7.402 min
Delta R.T.: -0.004 min
Response: 2507994
Conc: 46.05 ng/ml




#39 AR-1262-4

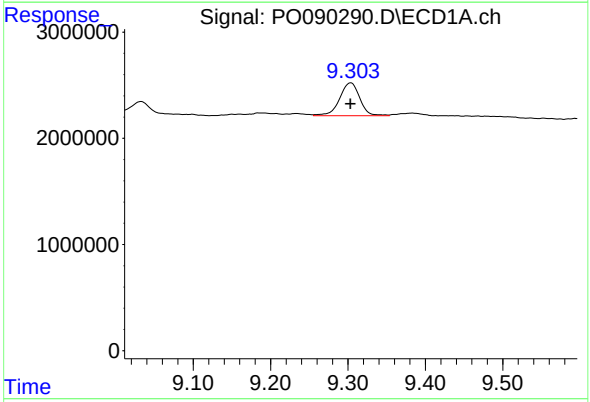
R.T.: 8.653 min
Delta R.T.: 0.000 min
Response: 4253800
Conc: 43.72 ng/ml

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



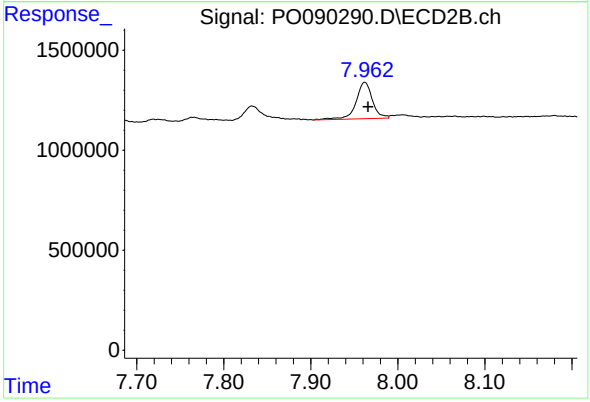

#39 AR-1262-4

R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 8022055
Conc: 82.60 ng/ml



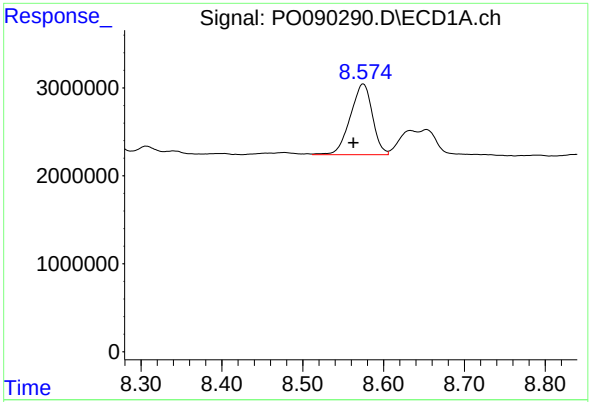

#40 AR-1262-5

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 5602331
Conc: 53.17 ng/ml




#40 AR-1262-5

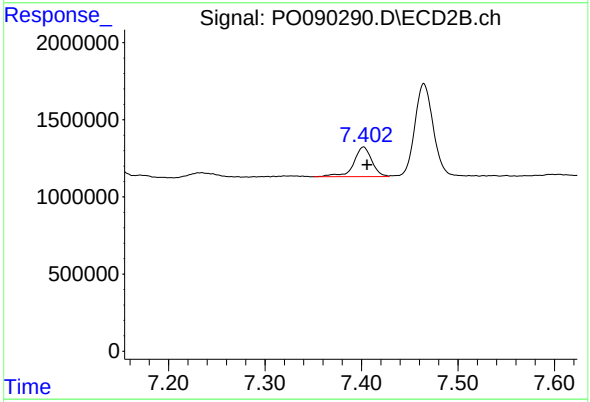
R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 2362785
Conc: 49.78 ng/ml




#41 AR-1268-1

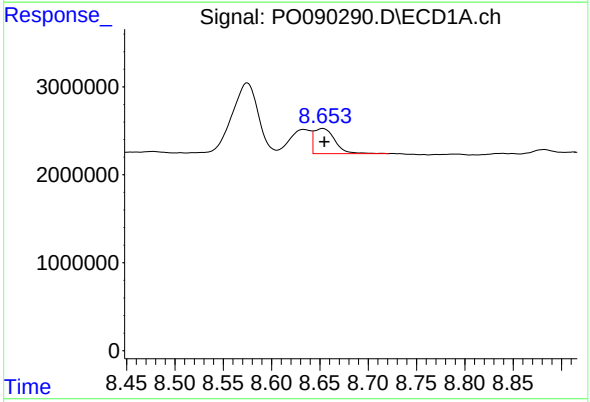
R.T.: 8.575 min
Delta R.T.: 0.012 min
Response: 15261503
Conc: 43.77 ng/ml

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



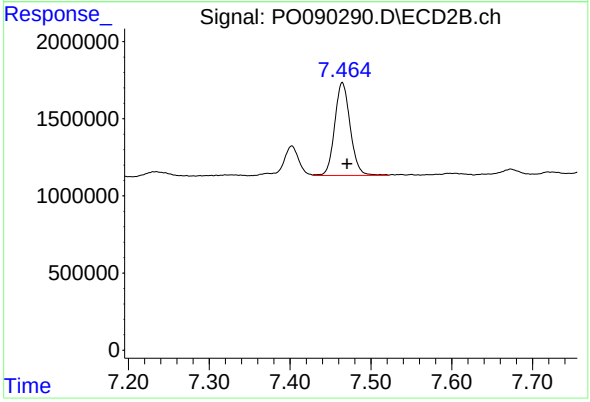

#41 AR-1268-1

R.T.: 7.402 min
Delta R.T.: -0.004 min
Response: 2507994
Conc: 15.92 ng/ml



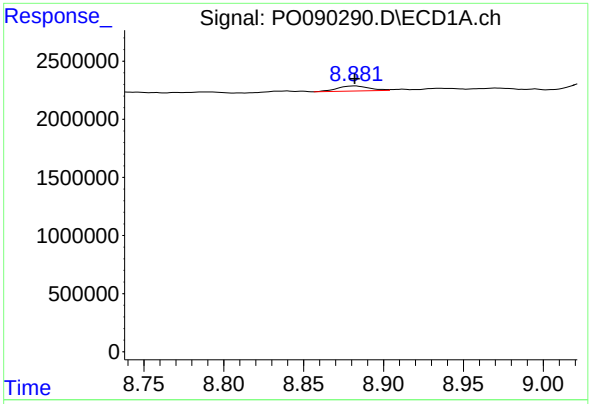

#42 AR-1268-2

R.T.: 8.653 min
Delta R.T.: -0.002 min
Response: 4253800
Conc: 13.64 ng/ml




#42 AR-1268-2

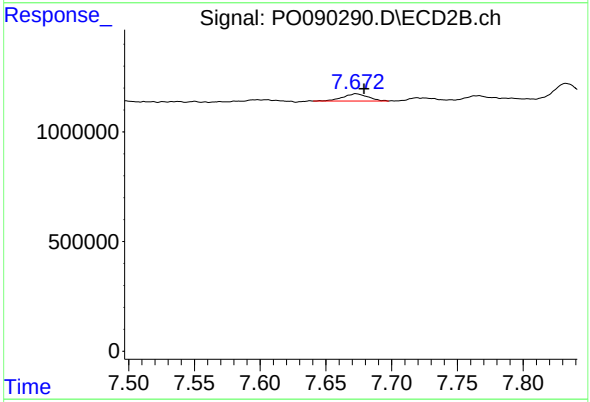
R.T.: 7.465 min
Delta R.T.: -0.006 min
Response: 8022055
Conc: 57.18 ng/ml




#43 AR-1268-3

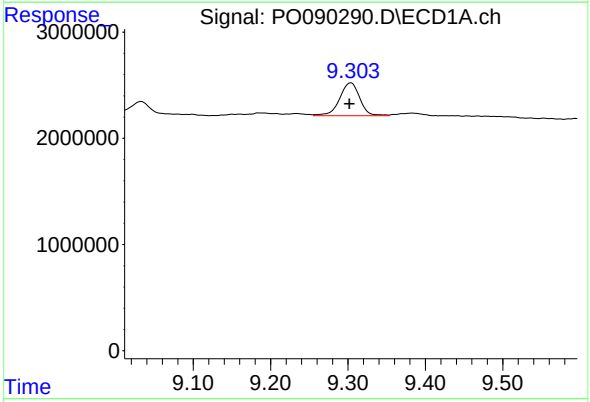
R.T.: 8.882 min
Delta R.T.: 0.000 min
Response: 612535
Conc: 2.28 ng/ml

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



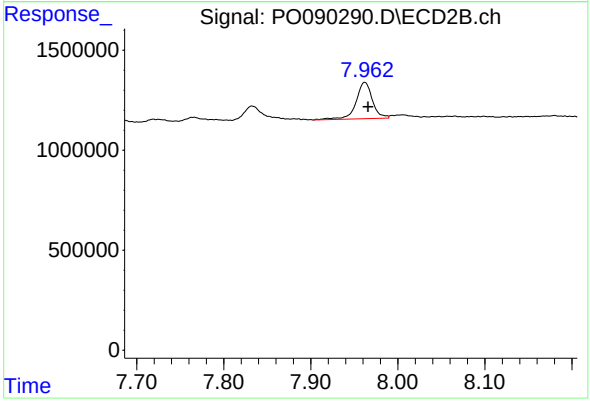

#43 AR-1268-3

R.T.: 7.673 min
Delta R.T.: -0.006 min
Response: 443368
Conc: 3.69 ng/ml



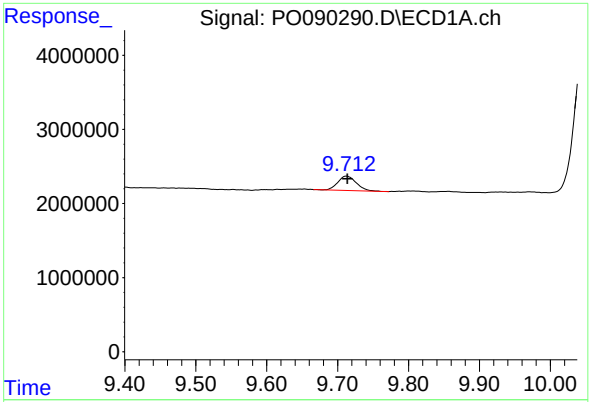

#44 AR-1268-4

R.T.: 9.304 min
Delta R.T.: 0.002 min
Response: 5602331
Conc: 48.08 ng/ml




#44 AR-1268-4

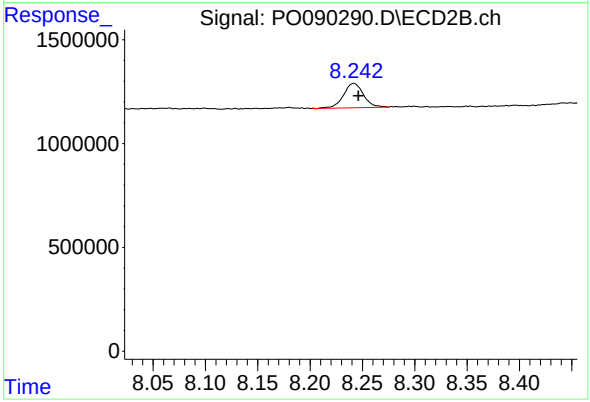
R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 2362785
Conc: 43.51 ng/ml




#45 AR-1268-5

R.T.: 9.713 min
Delta R.T.: -0.001 min
Response: 3503657
Conc: 4.09 ng/ml

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




#45 AR-1268-5

R.T.: 8.242 min
Delta R.T.: -0.004 min
Response: 1557256
Conc: 4.45 ng/ml