Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031123\
Data File : PP056418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 23:47
Operator : YP\AJ
Sample : 01855-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 05:07:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 08 02:03:40 2023
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... | 4.319 | 3.561 | 38437461 | 30218518 | 24.755 | 21.415 | |
| 2) | SA Decachlor... | 10.066 | 8.560 | 44493085 | 25224014 | 22.399 | 22.565 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.490 | 4.641 | 87984570 | 60528681 | 1519.785 | 1436.709 | |
| 4) | L1 AR-1016-2 | 5.514 | 4.660 | 121.4E6 | 89039793 | 1416.828 | 1469.084 | |
| 5) | L1 AR-1016-3 | 5.574 | 4.835 | 85289100 | 47744178 | 1563.717 | 1475.092 | |
| 6) | L1 AR-1016-4 | 5.673 | 4.878 | 48033367 | 61995980 | 1106.205 | 2208.983 | # |
| 7) | L1 AR-1016-5 | 5.969 | 5.091 | 163.2E6 | 108.1E6 | 3559.416 | 3021.717 | |
| 8) | L2 AR-1221-1 | 4.524 | 3.764 | 352610 | 3043235 | 17.603 | 174.985 | # |
| 9) | L2 AR-1221-2 | 4.597f | 3.860 | 2644865 | 2095710 | 174.070 | 162.180 | |
| 10) | L2 AR-1221-3 | 4.691 | 3.934 | 6486990 | 9168728 | 139.456 | 226.006 | # |
| 11) | L3 AR-1232-1 | 4.691 | 3.934 | 6486990 | 9168728 | 167.322 | 278.606 | # |
| 12) | L3 AR-1232-2 | 5.221 | 4.660 | 28367546 | 89039793 | 1402.181 | 3211.412 | # |
| 13) | L3 AR-1232-3 | 5.514 | 4.835 | 121.4E6 | 47744178 | 3115.991 | 3371.094 | |
| 14) | L3 AR-1232-4 | 5.673 | 4.919 | 48033367 | 77990013 | 2456.270 | 5491.127 | # |
| 15) | L3 AR-1232-5 | 5.764 | 5.091 | 93753915 | 108.1E6 | 5918.813 | 7048.952 | |
| 16) | L4 AR-1242-1 | 5.490 | 4.641 | 87984570 | 60528681 | 1805.399 | 1711.637 | |
| 17) | L4 AR-1242-2 | 5.514 | 4.660 | 121.4E6 | 89039793 | 1701.173 | 1752.460 | |
| 18) | L4 AR-1242-3 | 5.574 | 4.835 | 85289100 | 47744178 | 1873.488 | 1769.307 | |
| 19) | L4 AR-1242-4 | 5.673 | 4.919 | 48033367 | 77990013 | 1343.876 | 2661.828 | # |
| 20) | L4 AR-1242-5 | 6.413 | 5.442 | 86361369 | 68561101 | 2020.140 | 2125.022 | |
| 21) | L5 AR-1248-1 | 5.490 | 4.641 | 87984570 | 60528681 | 2470.825 | 2331.294 | |
| 22) | L5 AR-1248-2 | 5.764 | 4.878 | 93753915 | 61995980 | 1679.235 | 1593.771 | |
| 23) | L5 AR-1248-3 | 5.969 | 4.919 | 163.2E6 | 77990013 | 2681.918 | 1912.488 | # |
| 24) | L5 AR-1248-4 | 6.375 | 5.091 | 86769963 | 108.1E6 | 1256.161 | 2308.551 | # |
| 25) | L5 AR-1248-5 | 6.413 | 5.484 | 86361369 | 47709071 | 1271.046 | 1155.262 | |
| 26) | L6 AR-1254-1 | 6.347 | 5.442 | 68991028 | 68561101 | 914.020 | 955.356 | |
| 27) | L6 AR-1254-2 | 6.572 | 5.592 | 71166404 | 14339463 | 613.349 | 235.146 | # |
| 28) | L6 AR-1254-3 | 6.937 | 5.995 | 24232703 | 14352745 | 197.616 | 155.039 | |
| 29) | L6 AR-1254-4 | 7.223 | 6.224 | 7742895 | 5504570 | 85.264 | 102.111 | |
| 30) | L6 AR-1254-5 | 7.649 | 6.641 | 12795045 | 3086847 | 123.765 | 39.497 | # |
| 31) | L7 AR-1260-1 | 7.101 | 6.128 | 3904798 | 11421749 | 39.623 | 167.546 | # |
| 32) | L7 AR-1260-2 | 7.344 | 6.302 | 13533459 | 13430594 | 116.673 | 175.568 | # |
| 33) | L7 AR-1260-3 | 7.732 | 6.454 | 2956279 | 2903043 | 34.535 | 40.147 | |
| 34) | L7 AR-1260-4 | 7.931f | 6.936 | -3488051 | 26954703 | N.D. | 449.490 | # |
| 35) | L7 AR-1260-5 | 8.265 | 7.167f | -4636535 | 34483084 | N.D. | 269.863 | # |
| 36) | L8 AR-1262-1 | 7.732 | 6.737 | 2956279 | 1437830 | 24.769 | 43.747 | # |
| 37) | L8 AR-1262-2 | 8.265 | 6.936 | -4636535 | 26954703 | N.D. | 378.123 | # |
| 38) | L8 AR-1262-3 | 8.574 | 7.479 | 17173200 | 6439053 | 112.403 | 118.246 | |
| 39) | L8 AR-1262-4 | 8.663 | 7.531 | 182911 | 2799163 | 2.275 | 28.952 | # |
| 40) | L8 AR-1262-5 | 9.314 | 8.027 | -1055195 | 919830 | N.D. | 20.470 | # |
| 41) | L9 AR-1268-1 | 8.574 | 7.479 | 17173200 | 6439053 | 62.311 | 38.161 | # |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031123\
Data File : PP056418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 23:47
Operator : YP\AJ
Sample : 01855-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 05:07:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 08 02:03:40 2023
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 | 8.663 | 7.531 | 182911 | 2799163 | 0.709 | 18.718 | # |
| 43) | L9 AR-1268-3 | 8.883 | 7.747 | 486134 | 6275276 | 2.121 | 46.202 | # |
| 44) | L9 AR-1268-4 | 9.314 | 8.027 | -1055195 | 919830 | N.D. | 18.024 | # |
| 45) | L9 AR-1268-5 | 9.699f | 0.000 | 66908 | 0 | 0.092 | N.D. | # |

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

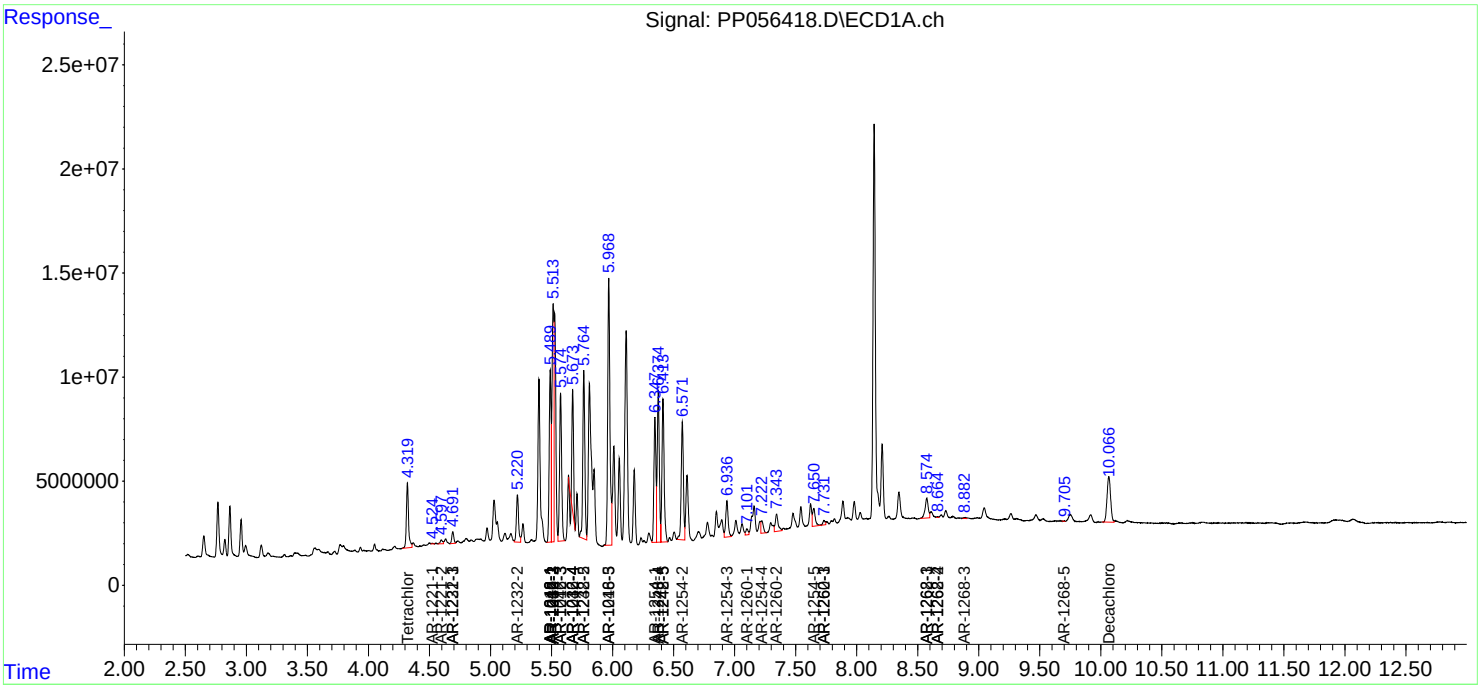
Quantitation Report (Not Reviewed)

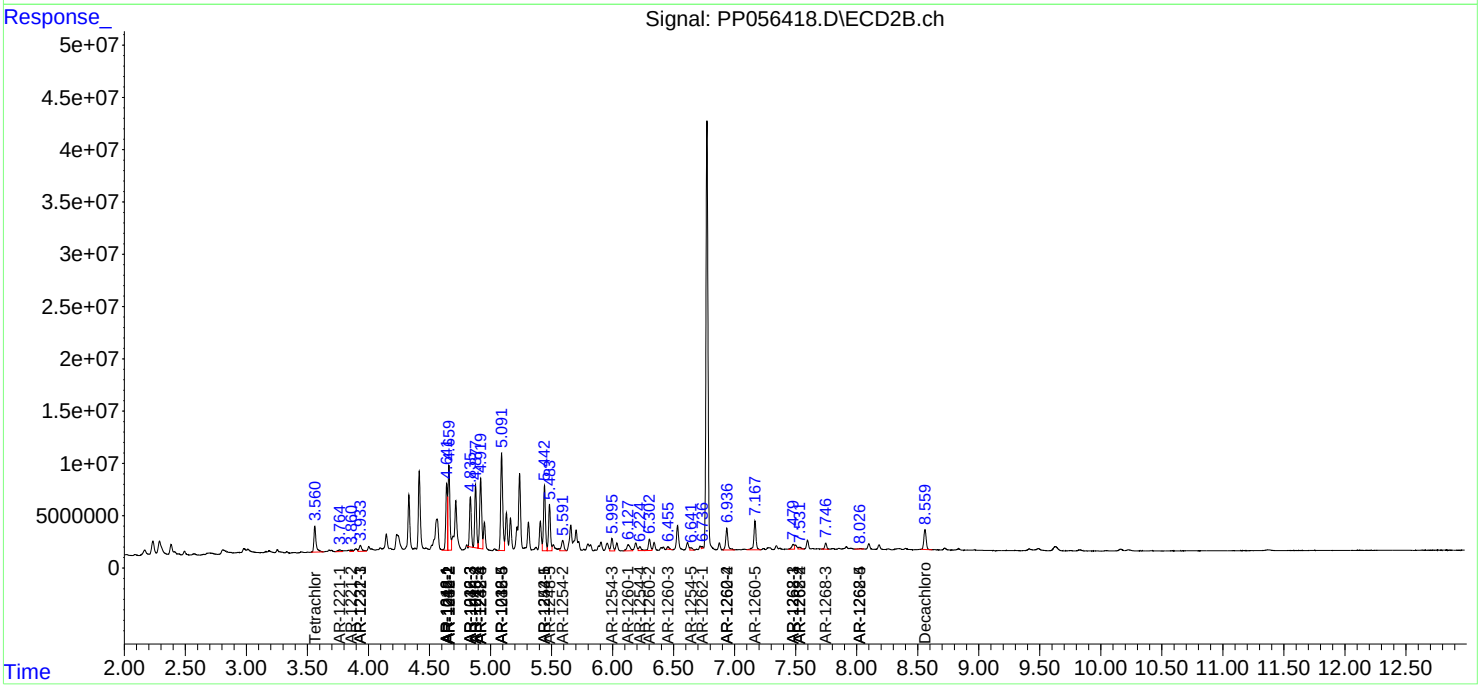
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031123\
Data File : PP056418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 23:47
Operator : YP\AJ
Sample : 01855-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

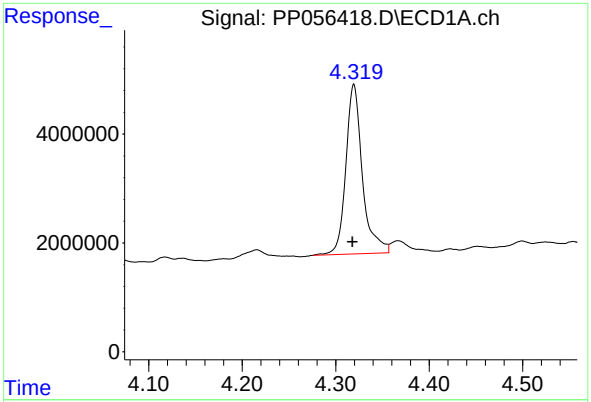
**Instrument :**
ECD_P
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 05:07:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 08 02:03:40 2023
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



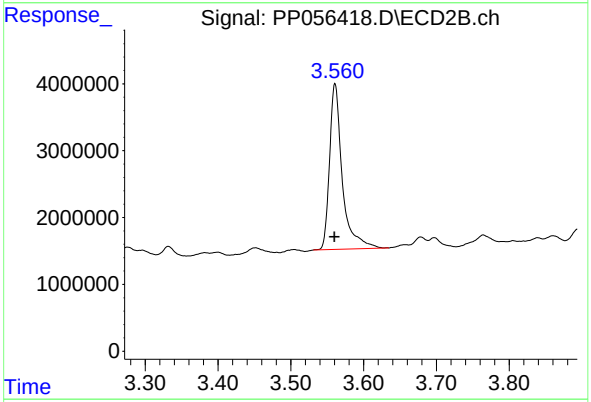






#1 Tetrachloro-m-xylene

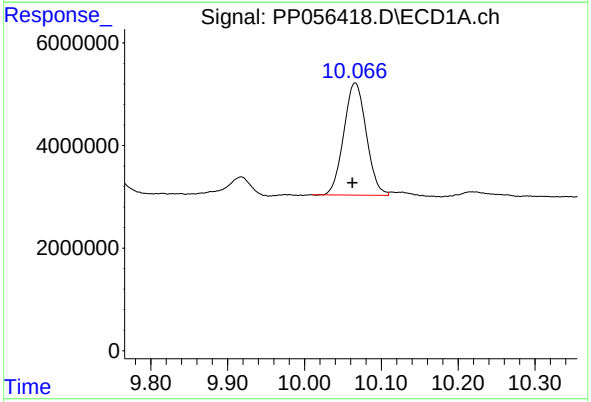
R.T.: 4.319 min
Delta R.T.: 0.001 min
Response: 38437461
Conc: 24.75 ng/ml

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



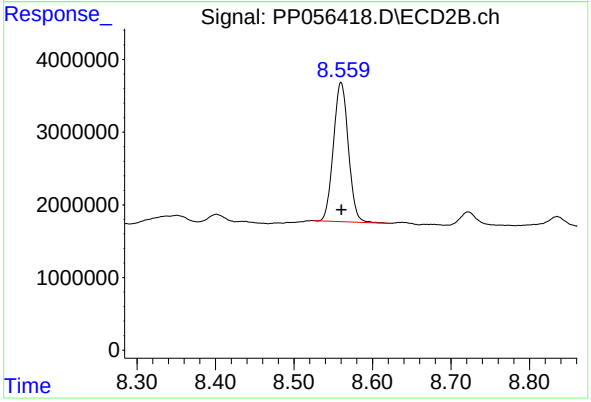

#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 30218518
Conc: 21.42 ng/ml



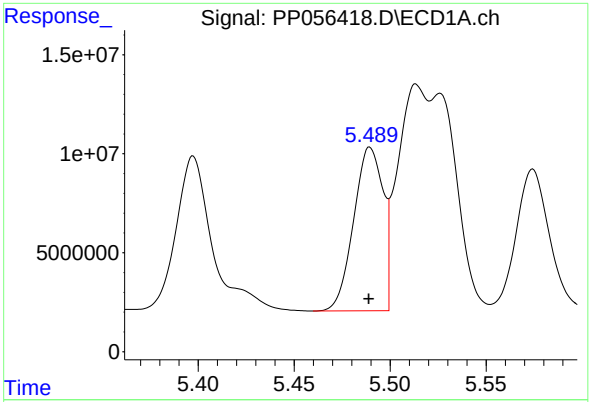

#2 Decachlorobiphenyl

R.T.: 10.066 min
Delta R.T.: 0.003 min
Response: 44493085
Conc: 22.40 ng/ml




#2 Decachlorobiphenyl

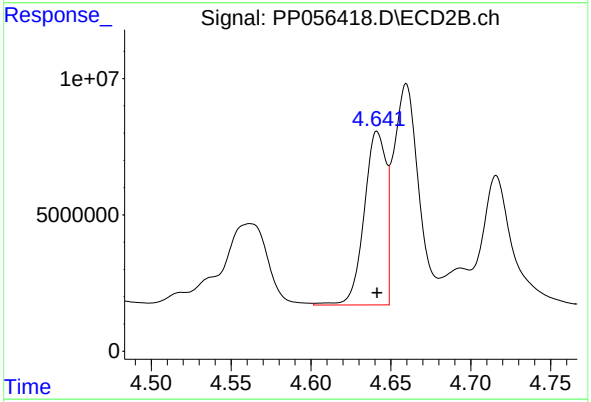
R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 25224014
Conc: 22.56 ng/ml




#3 AR-1016-1

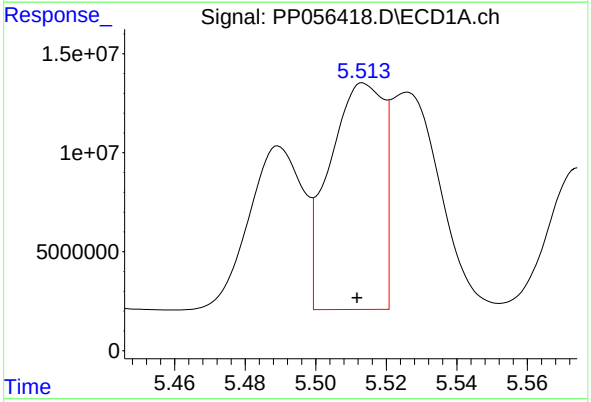
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 87984570
Conc: 1519.79 ng/m

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



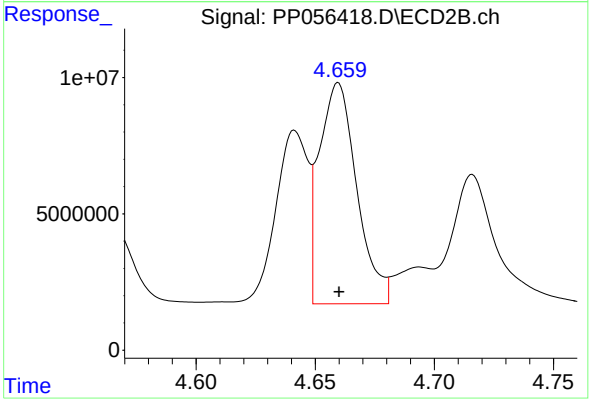

#3 AR-1016-1

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 60528681
Conc: 1436.71 ng/ml



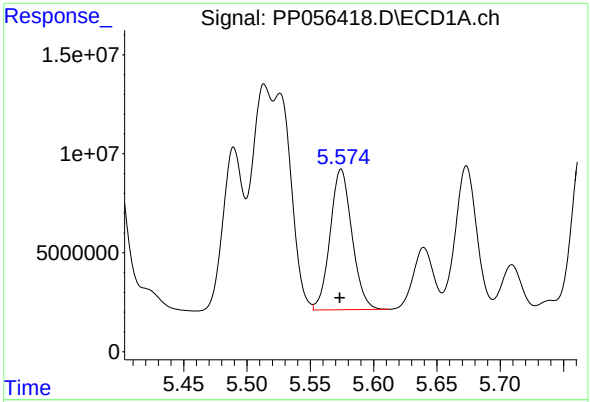

#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.002 min
Response: 121376473
Conc: 1416.83 ng/ml




#4 AR-1016-2

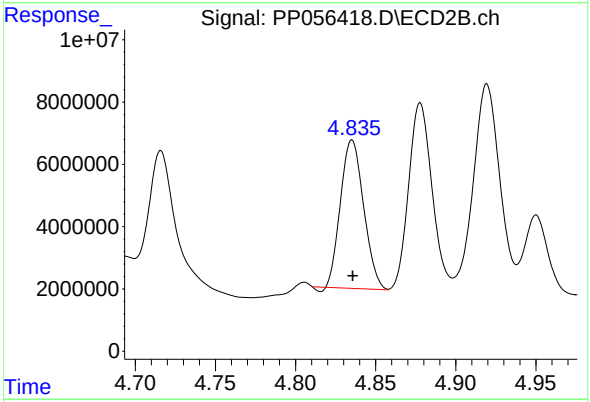
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 89039793
Conc: 1469.08 ng/ml




#5 AR-1016-3

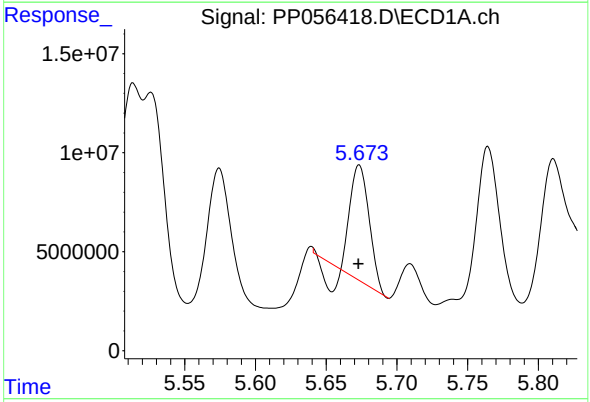
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 85289100
Conc: 1563.72 ng/m

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



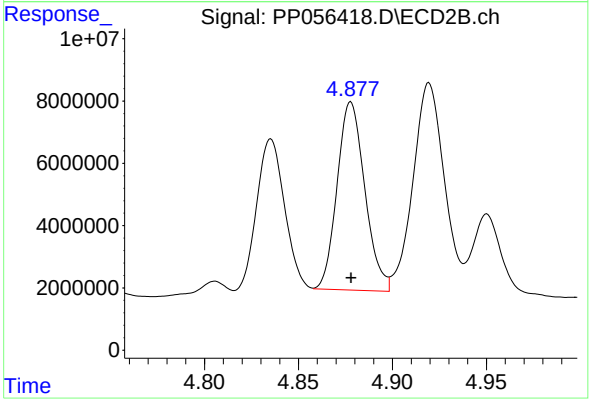

#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 47744178
Conc: 1475.09 ng/ml



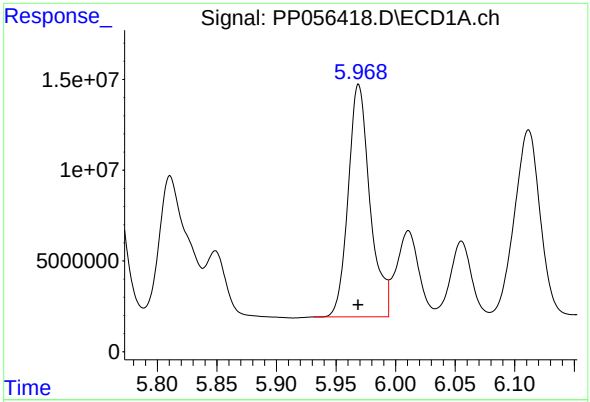

#6 AR-1016-4

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 48033367
Conc: 1106.21 ng/ml




#6 AR-1016-4

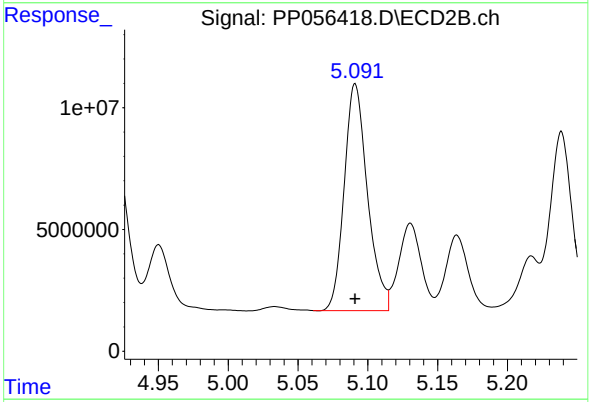
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 61995980
Conc: 2208.98 ng/ml




#7 AR-1016-5

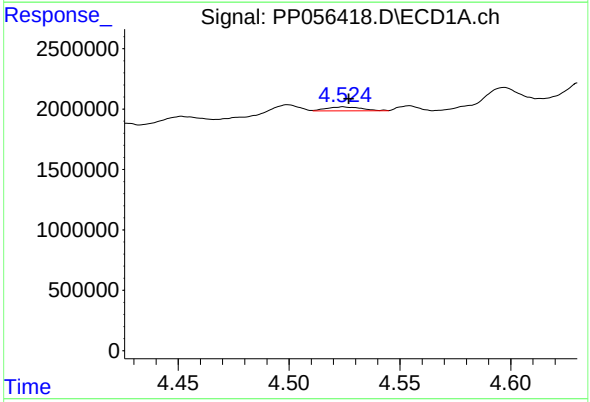
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 163195020
Conc: 3559.42 ng/m

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



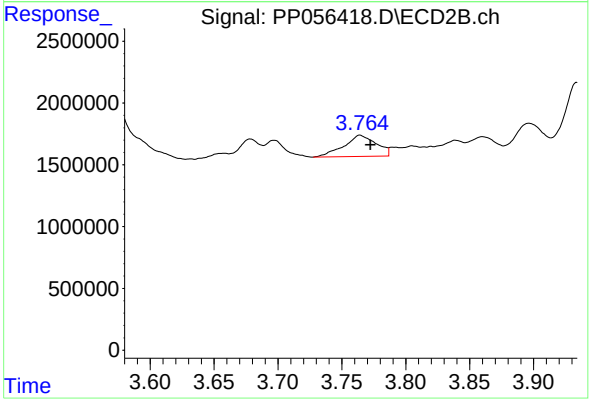

#7 AR-1016-5

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 108108691
Conc: 3021.72 ng/ml



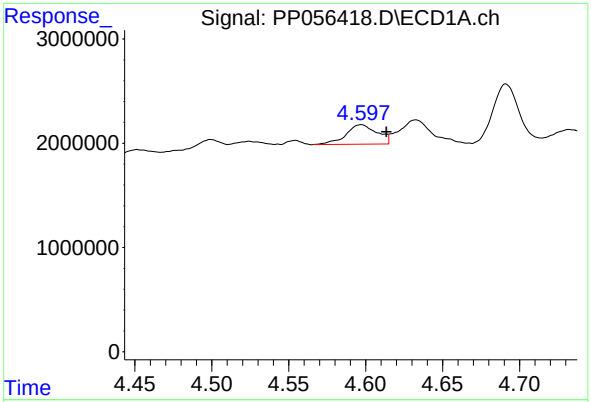

#8 AR-1221-1

R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 352610
Conc: 17.60 ng/ml




#8 AR-1221-1

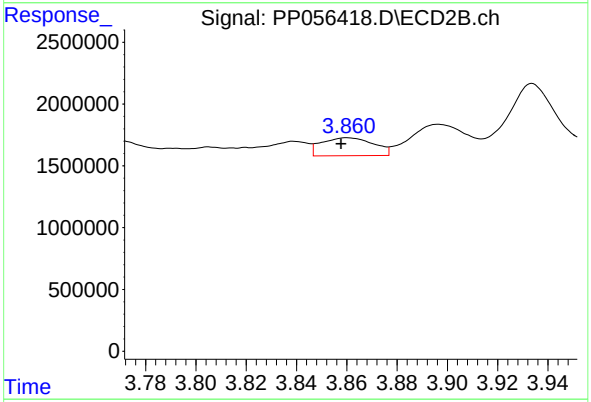
R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 3043235
Conc: 174.99 ng/ml




#9 AR-1221-2

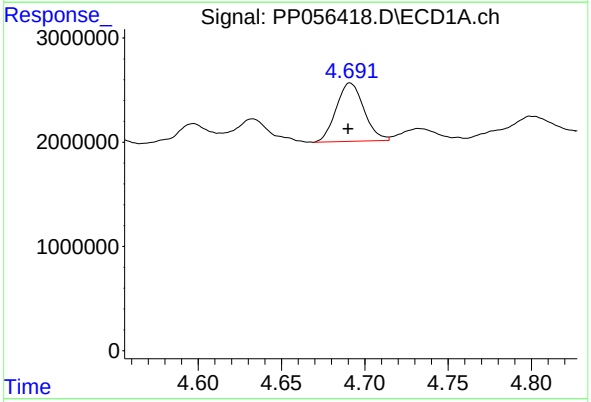
R.T.: 4.597 min
Delta R.T.: -0.017 min
Response: 2644865
Conc: 174.07 ng/ml

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



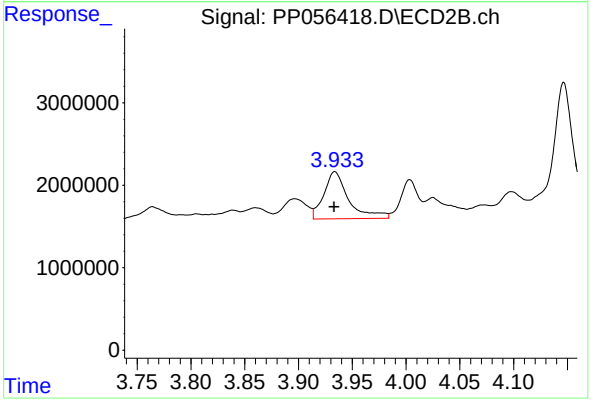

#9 AR-1221-2

R.T.: 3.860 min
Delta R.T.: 0.002 min
Response: 2095710
Conc: 162.18 ng/ml



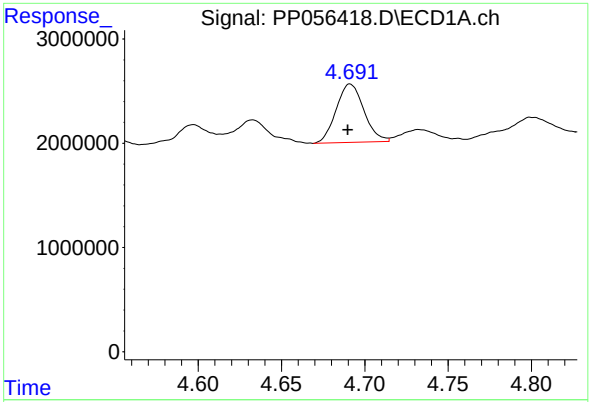

#10 AR-1221-3

R.T.: 4.691 min
Delta R.T.: 0.001 min
Response: 6486990
Conc: 139.46 ng/ml




#10 AR-1221-3

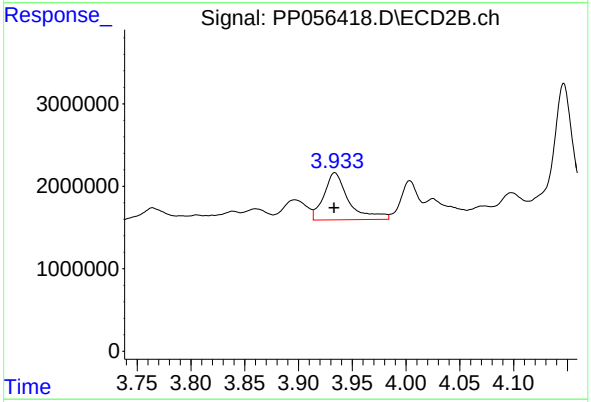
R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 9168728
Conc: 226.01 ng/ml




#11 AR-1232-1

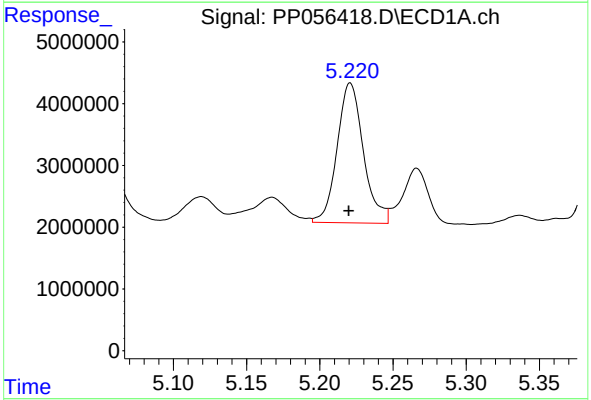
R.T.: 4.691 min
Delta R.T.: 0.001 min
Response: 6486990
Conc: 167.32 ng/ml

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



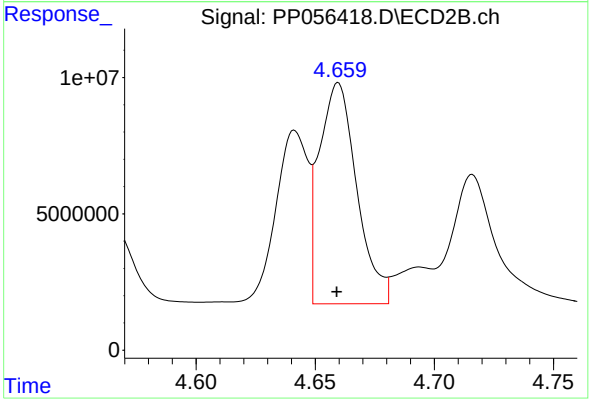

#11 AR-1232-1

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 9168728
Conc: 278.61 ng/ml



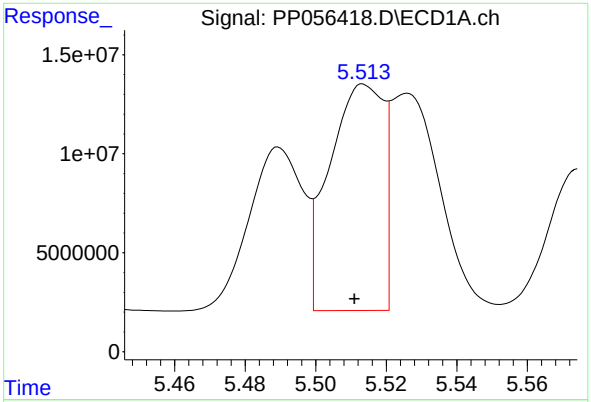

#12 AR-1232-2

R.T.: 5.221 min
Delta R.T.: 0.001 min
Response: 28367546
Conc: 1402.18 ng/ml




#12 AR-1232-2

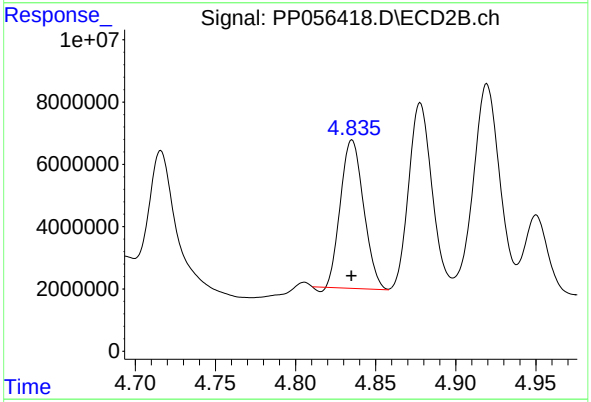
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 89039793
Conc: 3211.41 ng/ml




#13 AR-1232-3

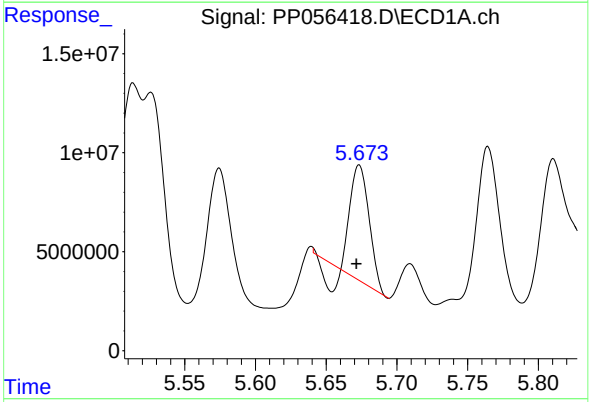
R.T.: 5.514 min
Delta R.T.: 0.003 min
Response: 121376473
Conc: 3115.99 ng/m

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



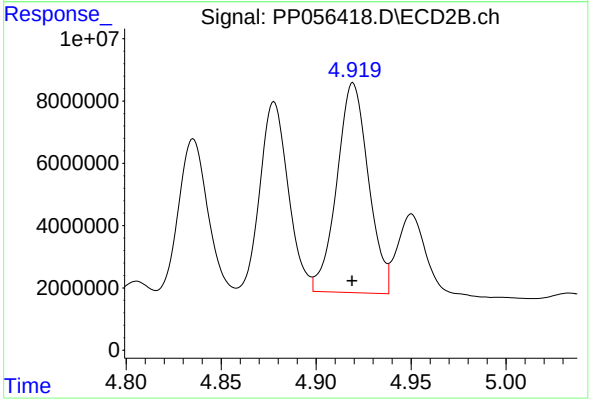

#13 AR-1232-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 47744178
Conc: 3371.09 ng/ml



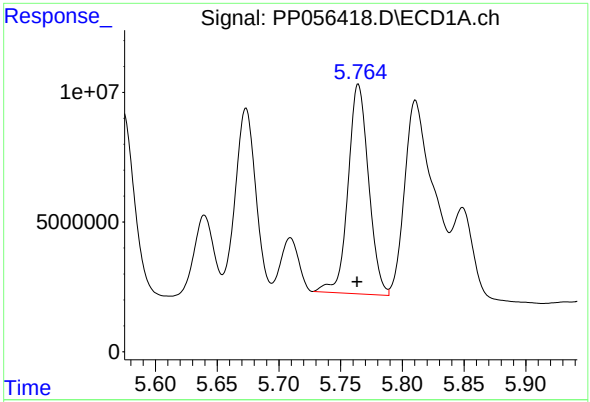

#14 AR-1232-4

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 48033367
Conc: 2456.27 ng/ml




#14 AR-1232-4

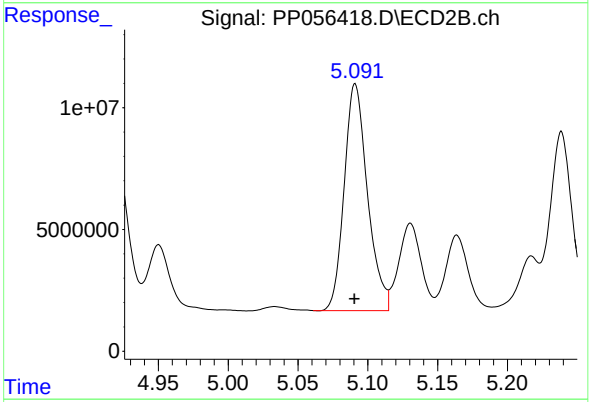
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 77990013
Conc: 5491.13 ng/ml




#15 AR-1232-5

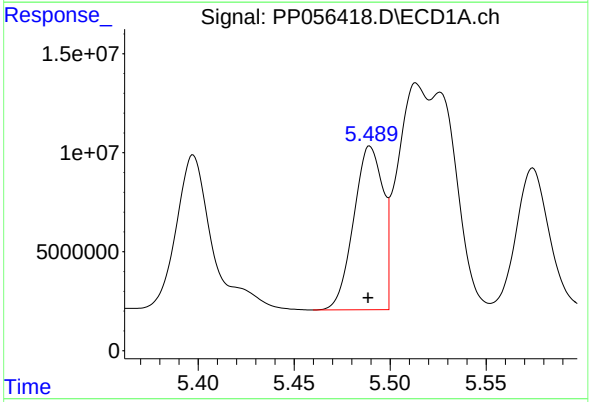
R.T.: 5.764 min
Delta R.T.: 0.001 min
Response: 93753915
Conc: 5918.81 ng/m

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



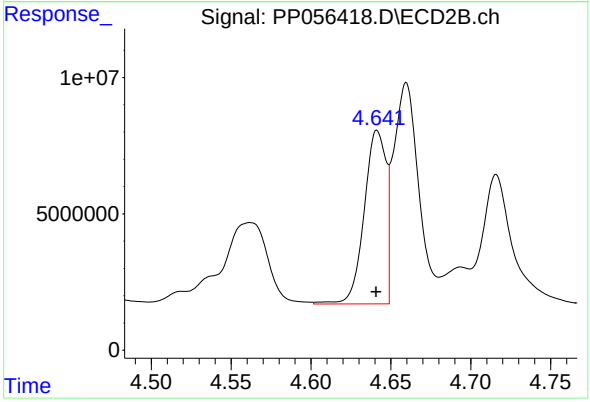

#15 AR-1232-5

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 108108691
Conc: 7048.95 ng/ml



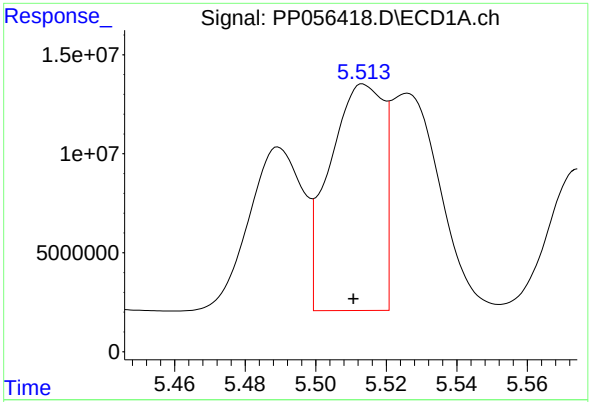

#16 AR-1242-1

R.T.: 5.490 min
Delta R.T.: 0.001 min
Response: 87984570
Conc: 1805.40 ng/ml




#16 AR-1242-1

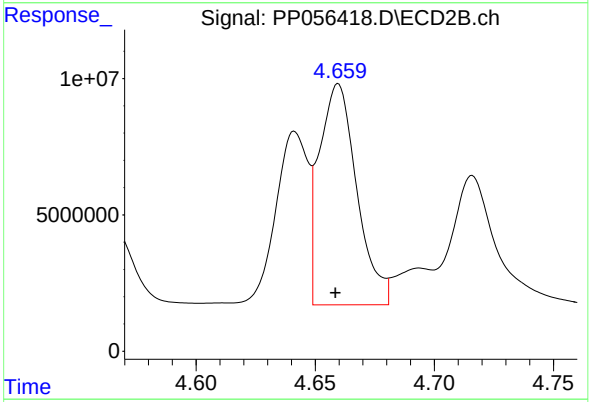
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 60528681
Conc: 1711.64 ng/ml




#17 AR-1242-2

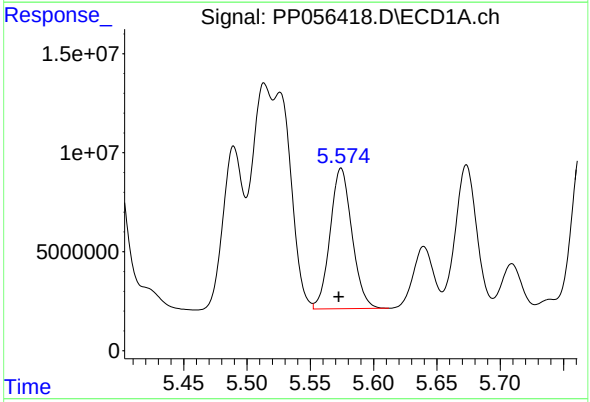
R.T.: 5.514 min
Delta R.T.: 0.003 min
Response: 121376473
Conc: 1701.17 ng/m

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



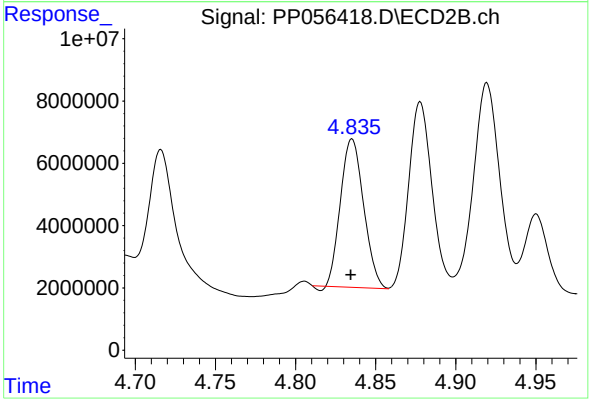

#17 AR-1242-2

R.T.: 4.660 min
Delta R.T.: 0.001 min
Response: 89039793
Conc: 1752.46 ng/ml



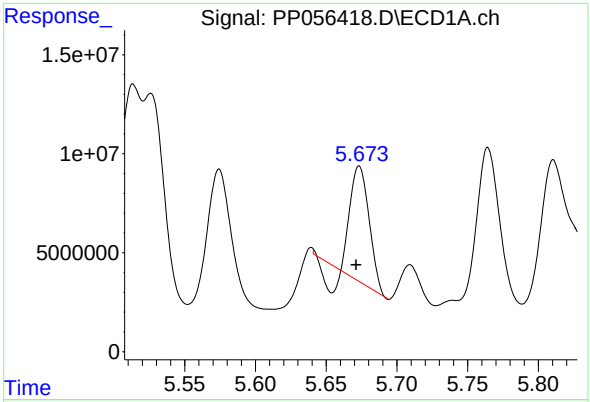

#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: 0.002 min
Response: 85289100
Conc: 1873.49 ng/ml




#18 AR-1242-3

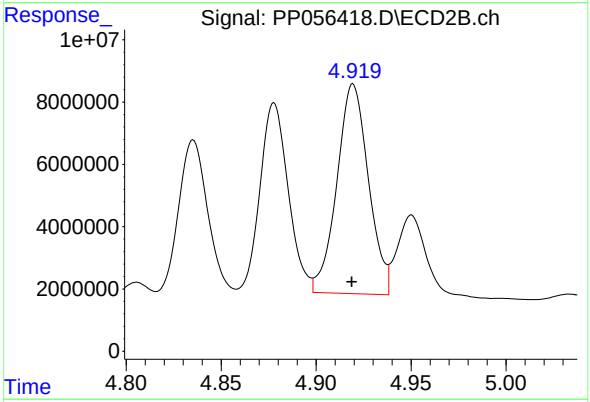
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 47744178
Conc: 1769.31 ng/ml




#19 AR-1242-4

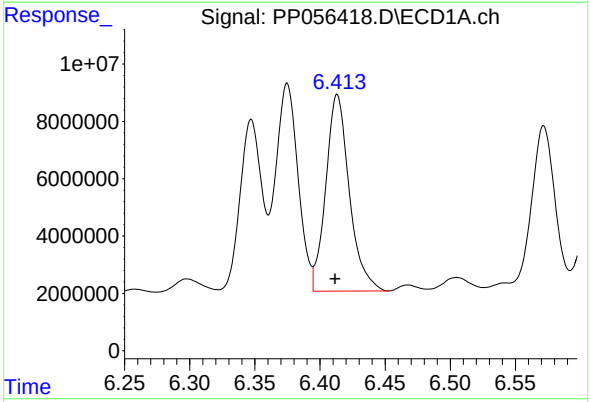
R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 48033367
Conc: 1343.88 ng/m

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



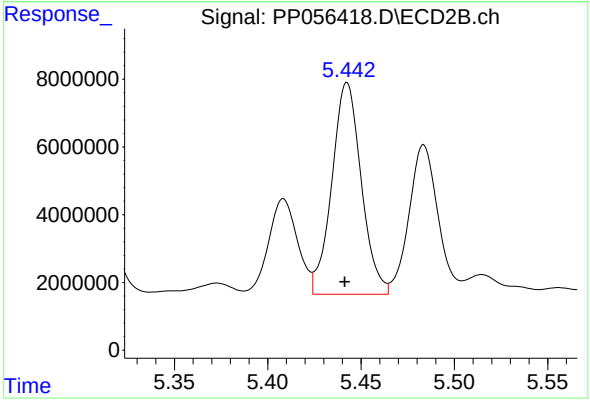

#19 AR-1242-4

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 77990013
Conc: 2661.83 ng/ml



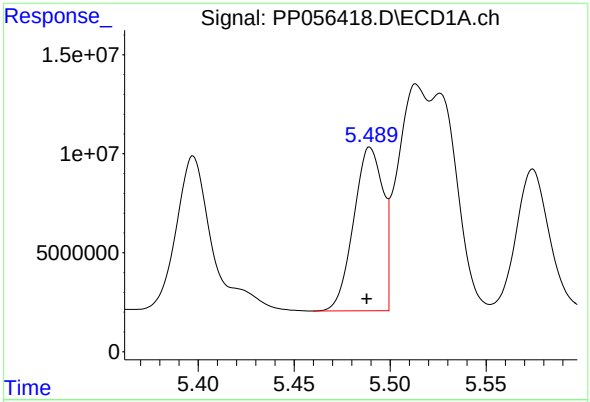

#20 AR-1242-5

R.T.: 6.413 min
Delta R.T.: 0.002 min
Response: 86361369
Conc: 2020.14 ng/ml




#20 AR-1242-5

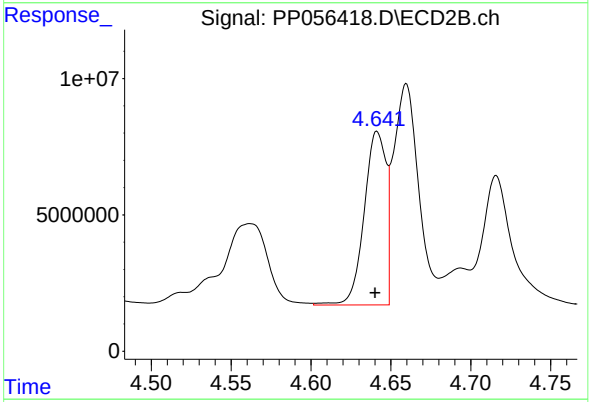
R.T.: 5.442 min
Delta R.T.: 0.001 min
Response: 68561101
Conc: 2125.02 ng/ml




#21 AR-1248-1

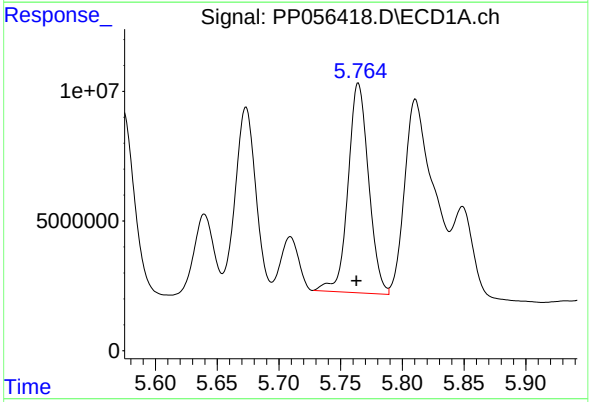
R.T.: 5.490 min
Delta R.T.: 0.002 min
Response: 87984570
Conc: 2470.82 ng/m

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



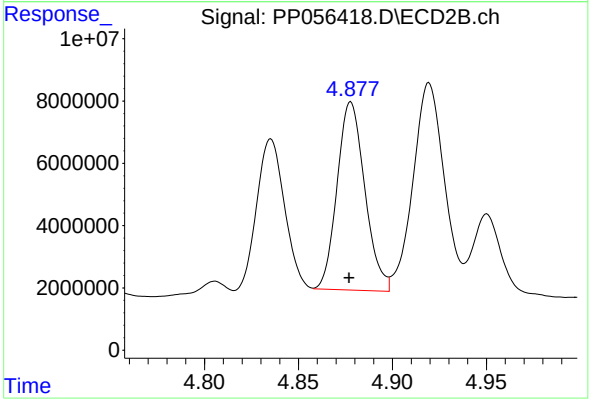

#21 AR-1248-1

R.T.: 4.641 min
Delta R.T.: 0.001 min
Response: 60528681
Conc: 2331.29 ng/ml



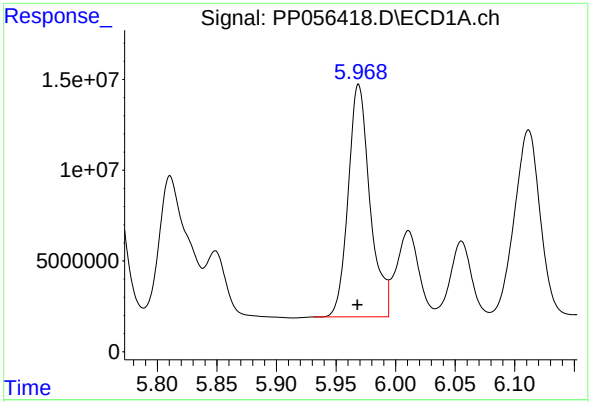

#22 AR-1248-2

R.T.: 5.764 min
Delta R.T.: 0.002 min
Response: 93753915
Conc: 1679.24 ng/ml




#22 AR-1248-2

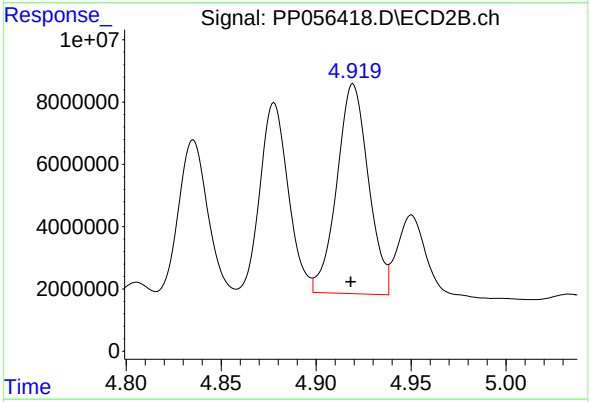
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 61995980
Conc: 1593.77 ng/ml




#23 AR-1248-3

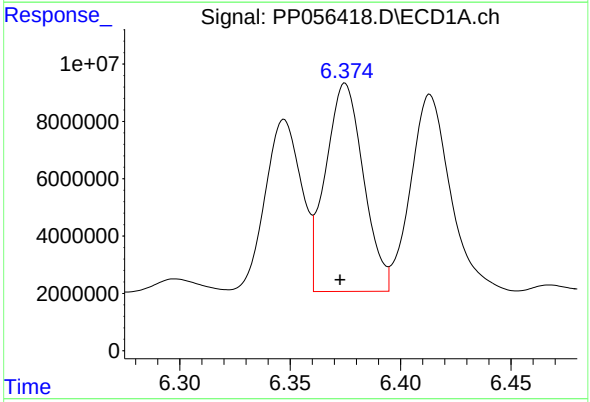
R.T.: 5.969 min
Delta R.T.: 0.001 min
Response: 163195020
Conc: 2681.92 ng/m

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



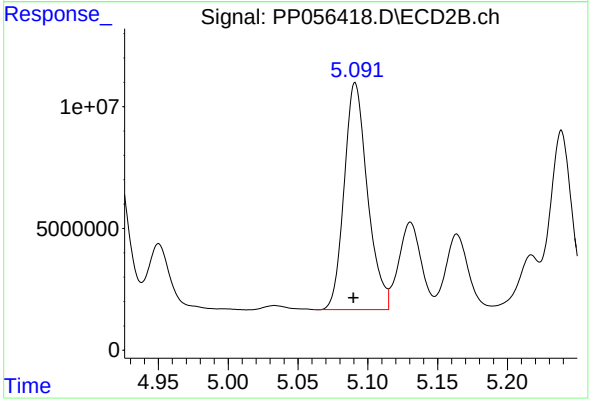

#23 AR-1248-3

R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 77990013
Conc: 1912.49 ng/ml



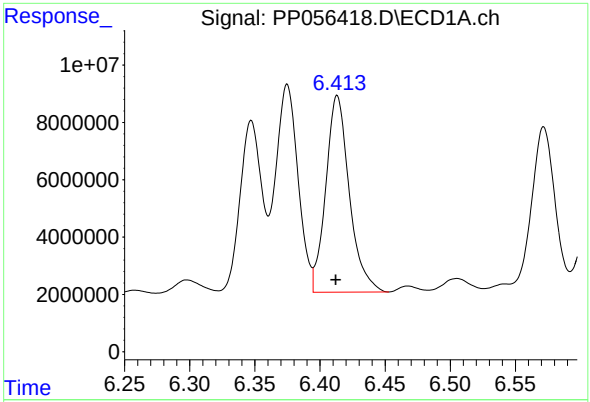

#24 AR-1248-4

R.T.: 6.375 min
Delta R.T.: 0.002 min
Response: 86769963
Conc: 1256.16 ng/ml




#24 AR-1248-4

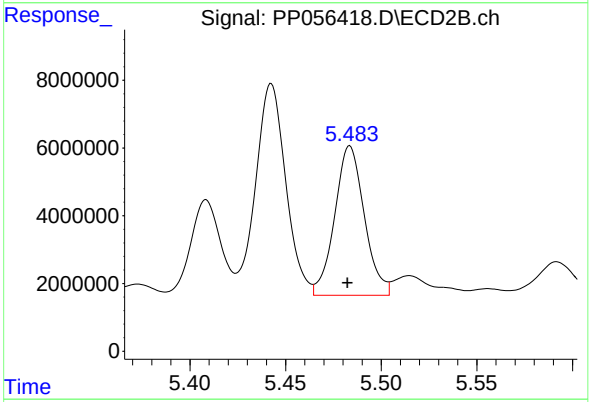
R.T.: 5.091 min
Delta R.T.: 0.001 min
Response: 108108691
Conc: 2308.55 ng/ml




#25 AR-1248-5

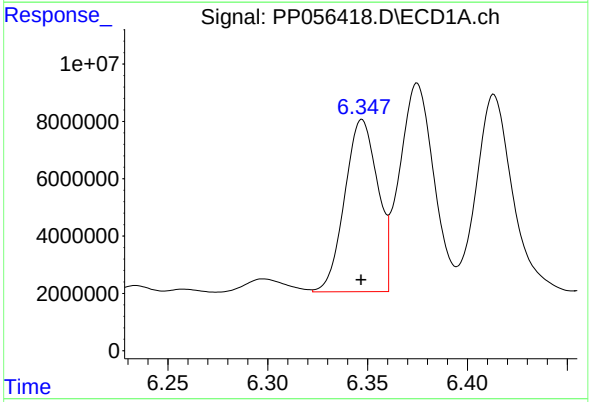
R.T.: 6.413 min
Delta R.T.: 0.001 min
Response: 86361369
Conc: 1271.05 ng/m

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



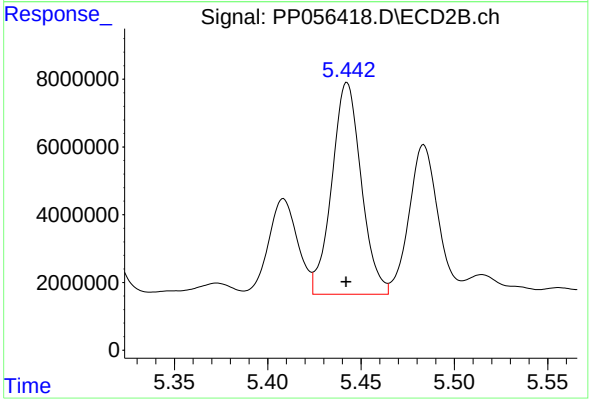

#25 AR-1248-5

R.T.: 5.484 min
Delta R.T.: 0.001 min
Response: 47709071
Conc: 1155.26 ng/ml



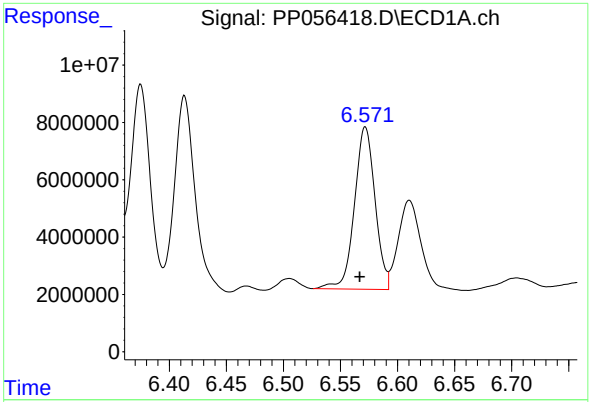

#26 AR-1254-1

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 68991028
Conc: 914.02 ng/ml




#26 AR-1254-1

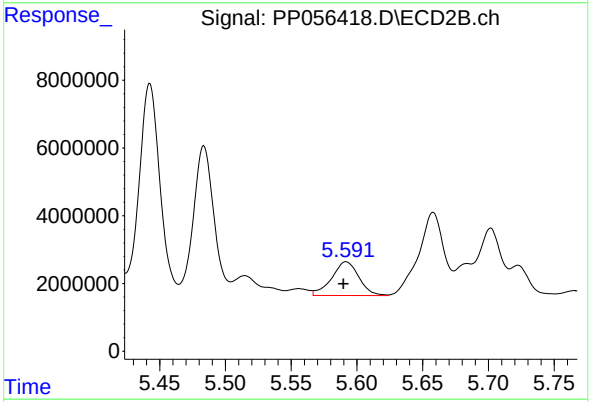
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 68561101
Conc: 955.36 ng/ml




#27 AR-1254-2

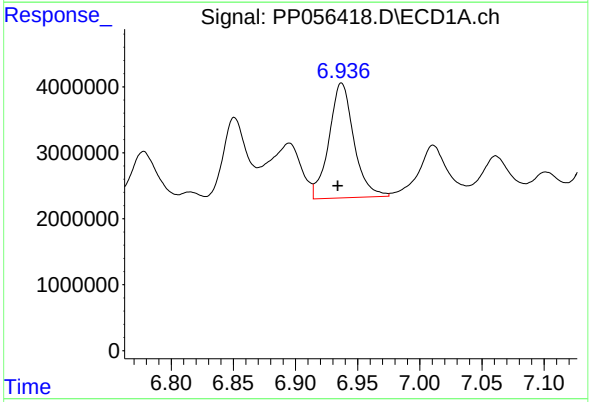
R.T.: 6.572 min
Delta R.T.: 0.005 min
Response: 71166404
Conc: 613.35 ng/ml

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



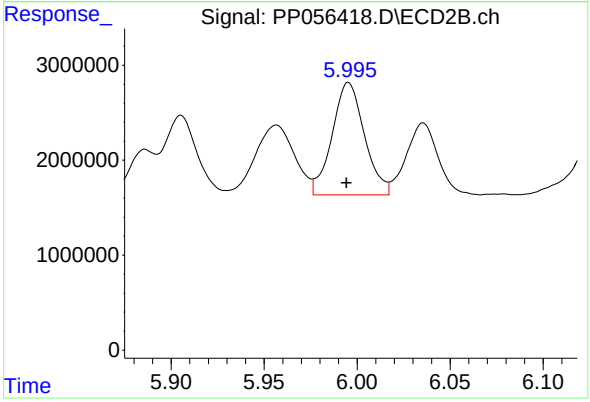

#27 AR-1254-2

R.T.: 5.592 min
Delta R.T.: 0.002 min
Response: 14339463
Conc: 235.15 ng/ml



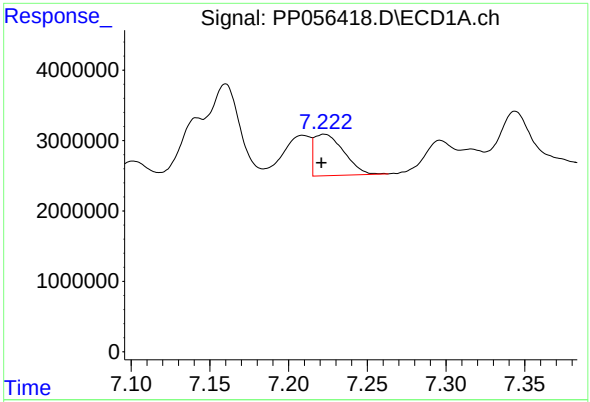

#28 AR-1254-3

R.T.: 6.937 min
Delta R.T.: 0.003 min
Response: 24232703
Conc: 197.62 ng/ml




#28 AR-1254-3

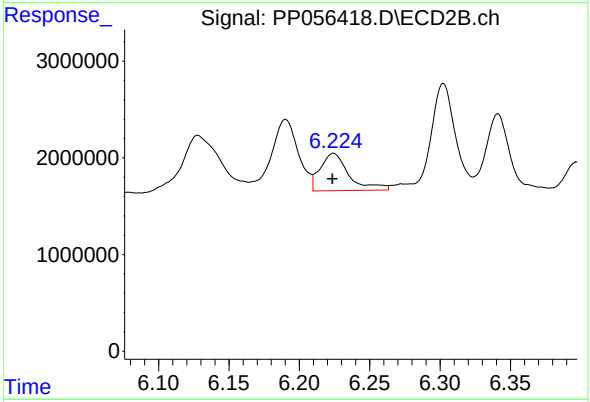
R.T.: 5.995 min
Delta R.T.: 0.001 min
Response: 14352745
Conc: 155.04 ng/ml




#29 AR-1254-4

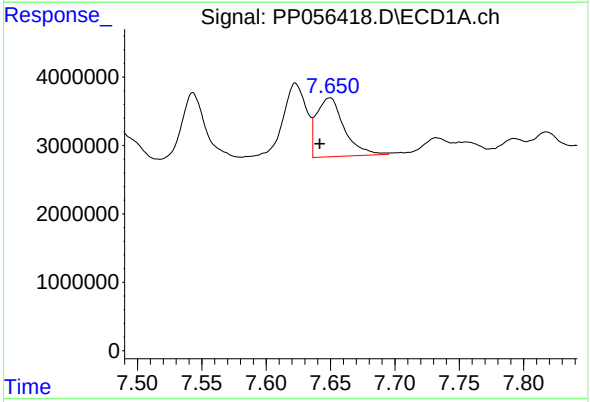
R.T.: 7.223 min
Delta R.T.: 0.002 min
Response: 7742895
Conc: 85.26 ng/ml

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



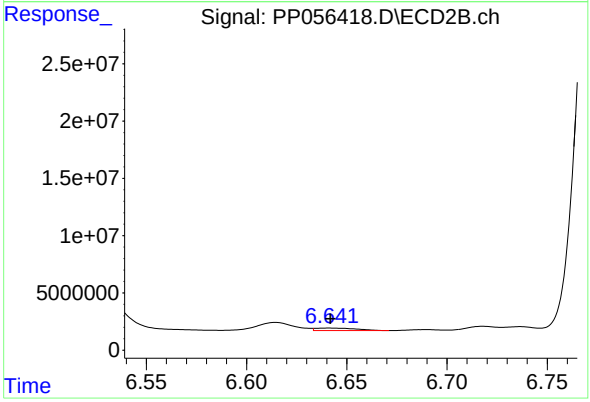

#29 AR-1254-4

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 5504570
Conc: 102.11 ng/ml



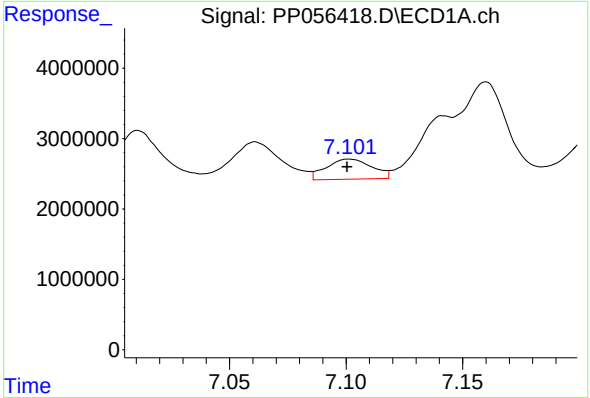

#30 AR-1254-5

R.T.: 7.649 min
Delta R.T.: 0.008 min
Response: 12795045
Conc: 123.76 ng/ml




#30 AR-1254-5

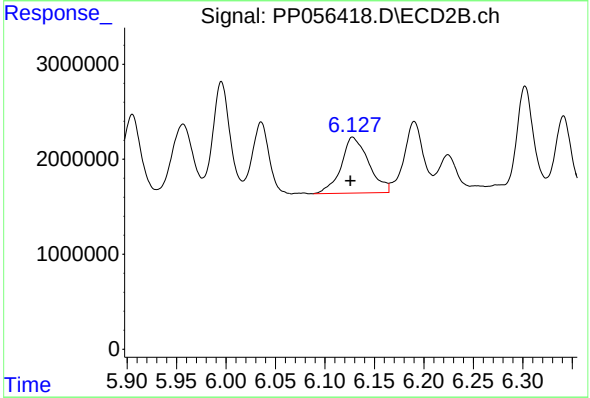
R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 3086847
Conc: 39.50 ng/ml




#31 AR-1260-1

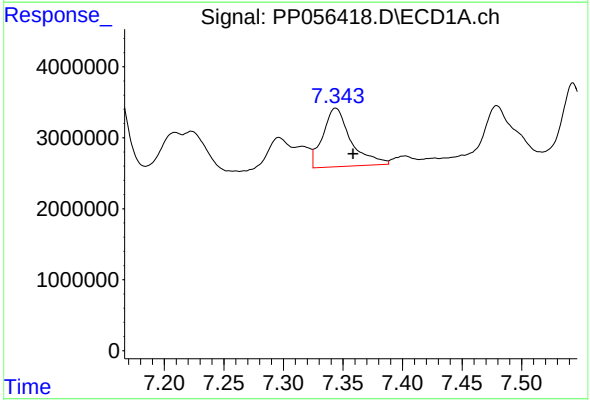
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 3904798
Conc: 39.62 ng/ml

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



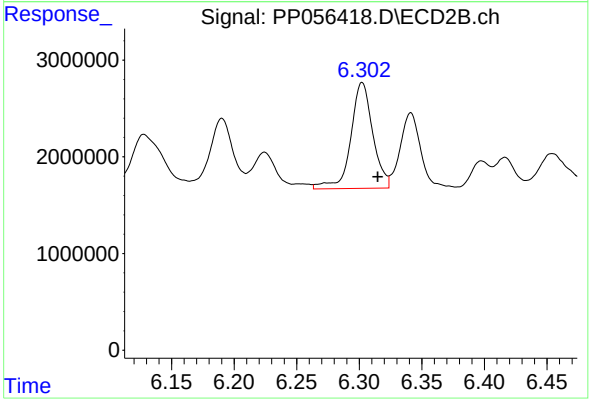

#31 AR-1260-1

R.T.: 6.128 min
Delta R.T.: 0.002 min
Response: 11421749
Conc: 167.55 ng/ml



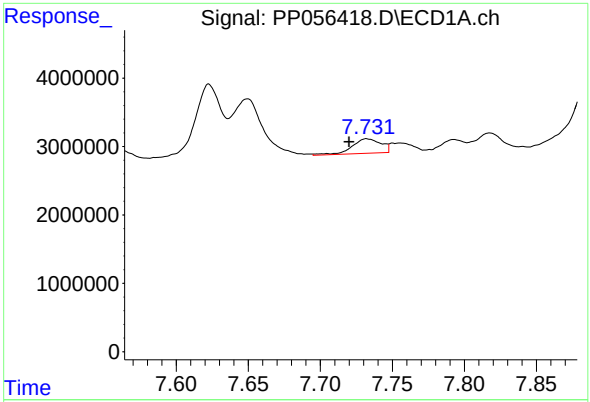

#32 AR-1260-2

R.T.: 7.344 min
Delta R.T.: -0.015 min
Response: 13533459
Conc: 116.67 ng/ml




#32 AR-1260-2

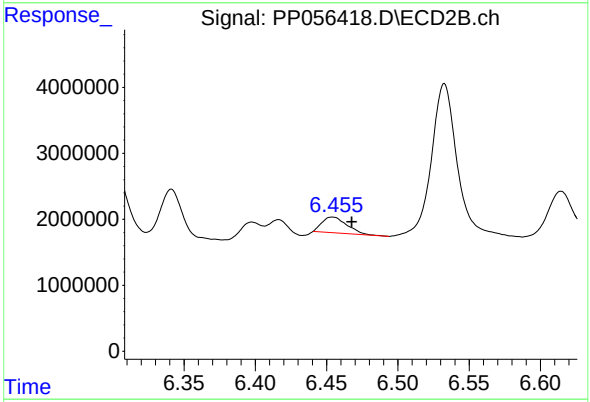
R.T.: 6.302 min
Delta R.T.: -0.013 min
Response: 13430594
Conc: 175.57 ng/ml




#33 AR-1260-3

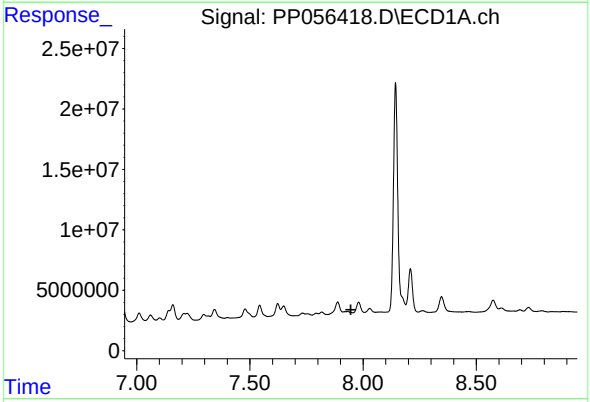
R.T.: 7.732 min
Delta R.T.: 0.012 min
Response: 2956279
Conc: 34.54 ng/ml

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



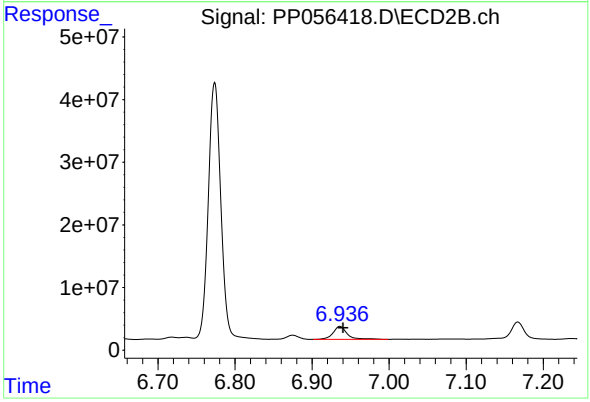

#33 AR-1260-3

R.T.: 6.454 min
Delta R.T.: -0.013 min
Response: 2903043
Conc: 40.15 ng/ml



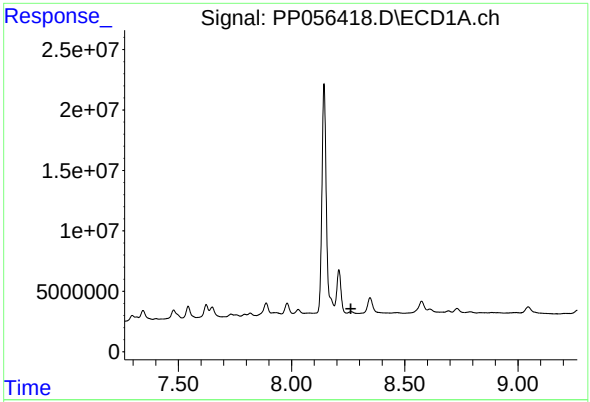

#34 AR-1260-4

R.T.: 7.931 min
Delta R.T.: -0.015 min
Response: -3488051
Conc: N.D.




#34 AR-1260-4

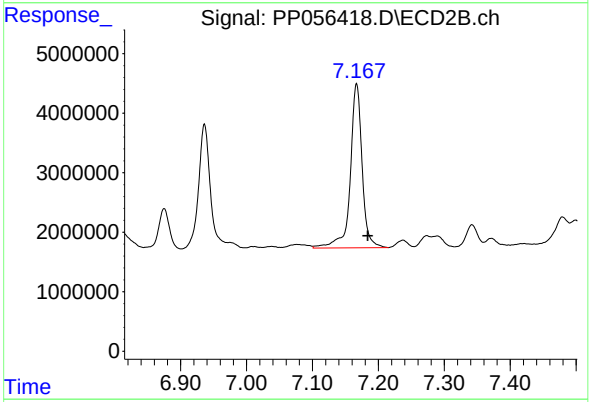
R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 26954703
Conc: 449.49 ng/ml




#35 AR-1260-5

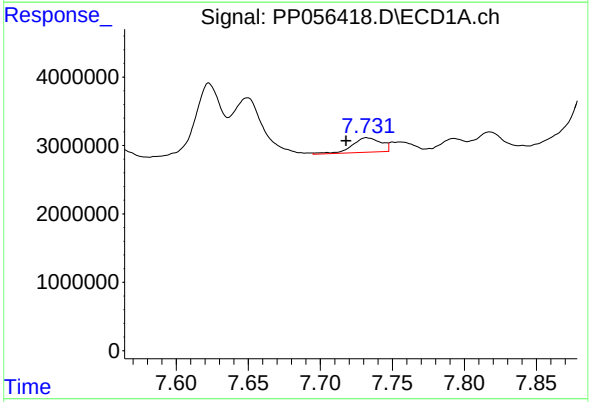
R.T.: 8.265 min
Delta R.T.: 0.003 min
Response: -4636535
Conc: N.D.

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



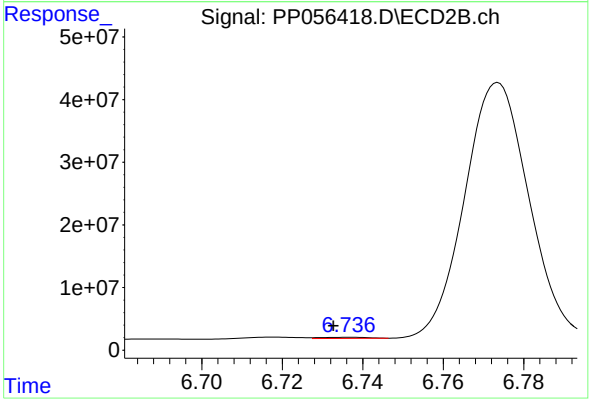

#35 AR-1260-5

R.T.: 7.167 min
Delta R.T.: -0.017 min
Response: 34483084
Conc: 269.86 ng/ml



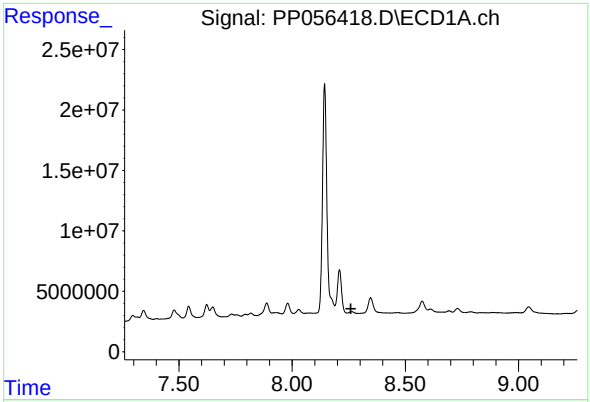

#36 AR-1262-1

R.T.: 7.732 min
Delta R.T.: 0.014 min
Response: 2956279
Conc: 24.77 ng/ml




#36 AR-1262-1

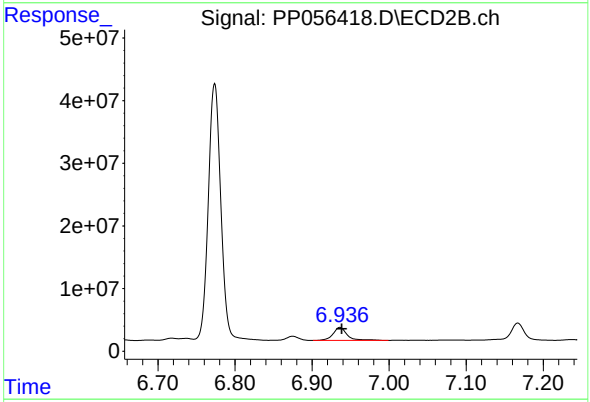
R.T.: 6.737 min
Delta R.T.: 0.004 min
Response: 1437830
Conc: 43.75 ng/ml




#37 AR-1262-2

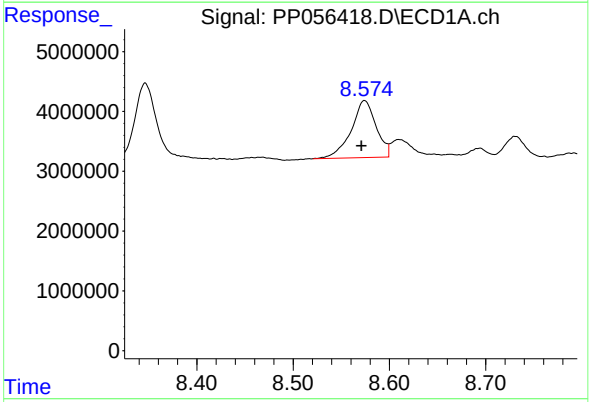
R.T.: 8.265 min
Delta R.T.: 0.006 min
Response: -4636535
Conc: N.D.

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



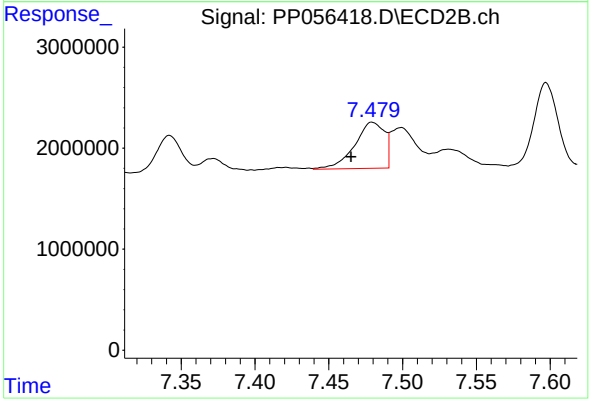

#37 AR-1262-2

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 26954703
Conc: 378.12 ng/ml



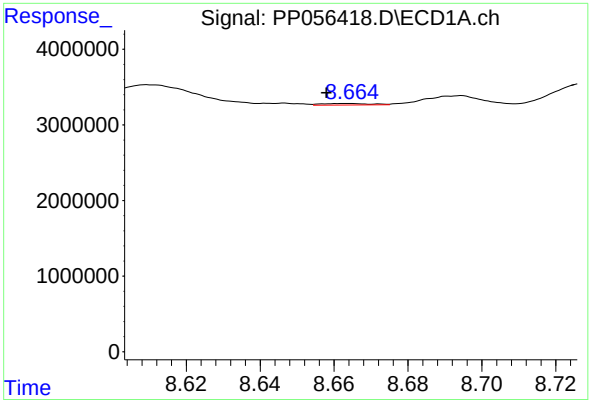

#38 AR-1262-3

R.T.: 8.574 min
Delta R.T.: 0.003 min
Response: 17173200
Conc: 112.40 ng/ml




#38 AR-1262-3

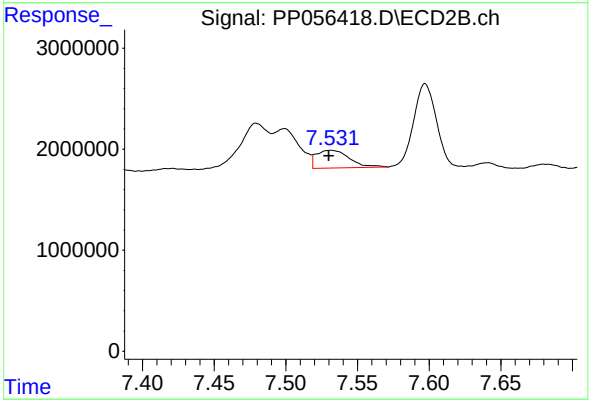
R.T.: 7.479 min
Delta R.T.: 0.014 min
Response: 6439053
Conc: 118.25 ng/ml




#39 AR-1262-4

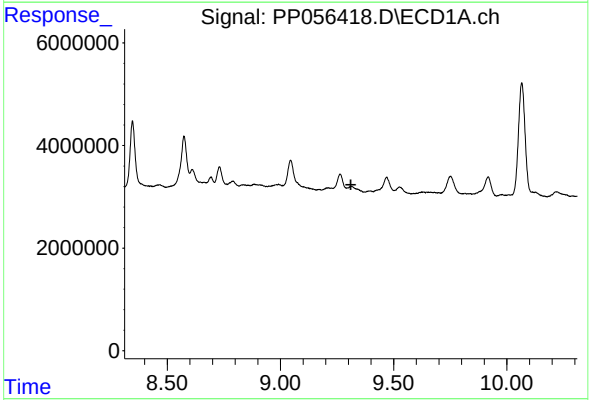
R.T.: 8.663 min
Delta R.T.: 0.005 min
Response: 182911
Conc: 2.28 ng/ml

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



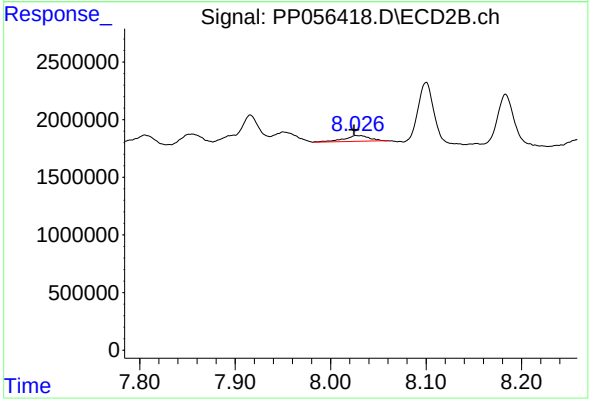

#39 AR-1262-4

R.T.: 7.531 min
Delta R.T.: 0.001 min
Response: 2799163
Conc: 28.95 ng/ml



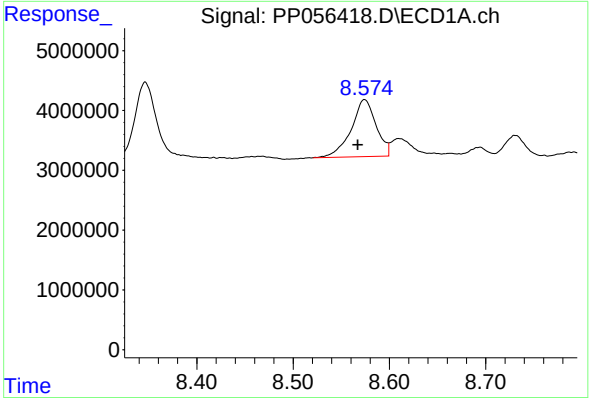

#40 AR-1262-5

R.T.: 9.314 min
Delta R.T.: 0.002 min
Response: -1055195
Conc: N.D.




#40 AR-1262-5

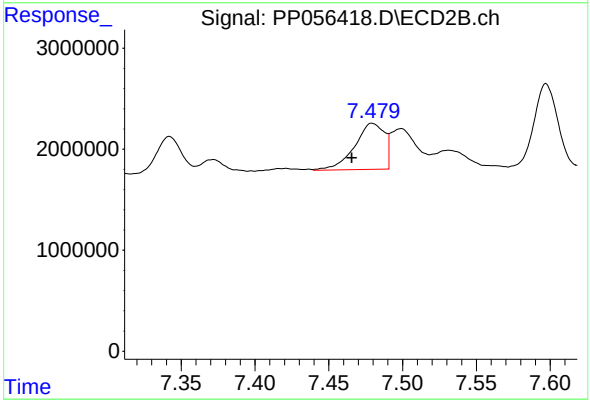
R.T.: 8.027 min
Delta R.T.: 0.002 min
Response: 919830
Conc: 20.47 ng/ml




#41 AR-1268-1

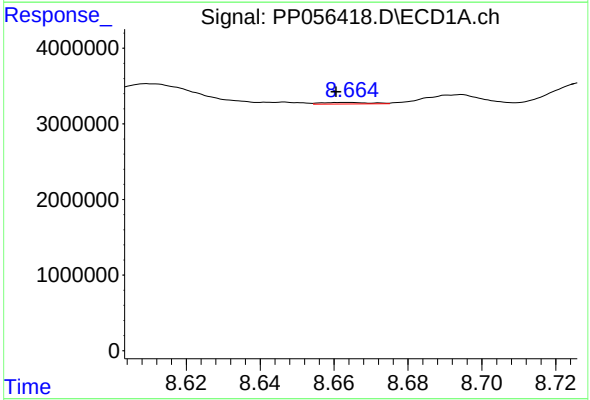
R.T.: 8.574 min
Delta R.T.: 0.007 min
Response: 17173200
Conc: 62.31 ng/ml

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



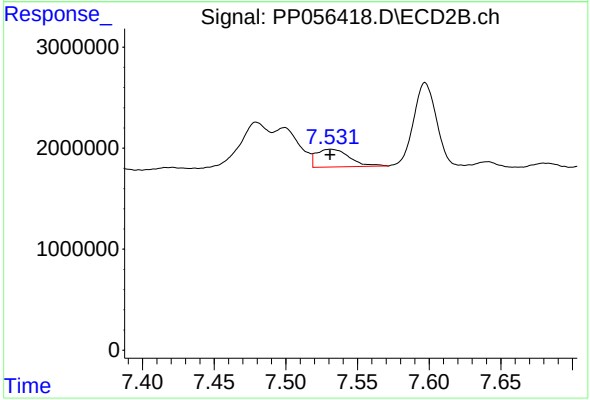

#41 AR-1268-1

R.T.: 7.479 min
Delta R.T.: 0.014 min
Response: 6439053
Conc: 38.16 ng/ml



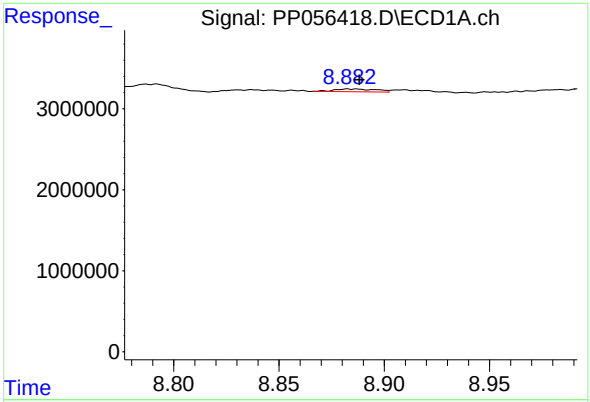

#42 AR-1268-2

R.T.: 8.663 min
Delta R.T.: 0.003 min
Response: 182911
Conc: 0.71 ng/ml




#42 AR-1268-2

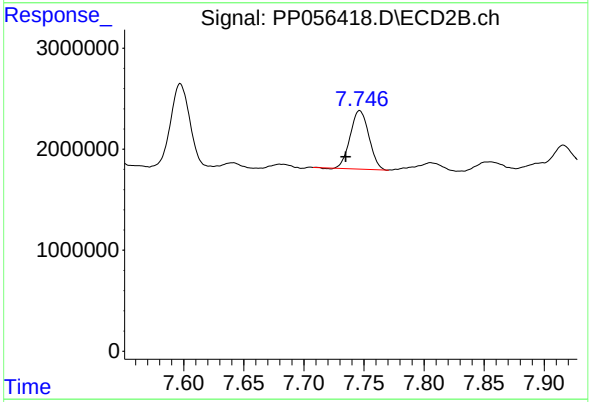
R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 2799163
Conc: 18.72 ng/ml




#43 AR-1268-3

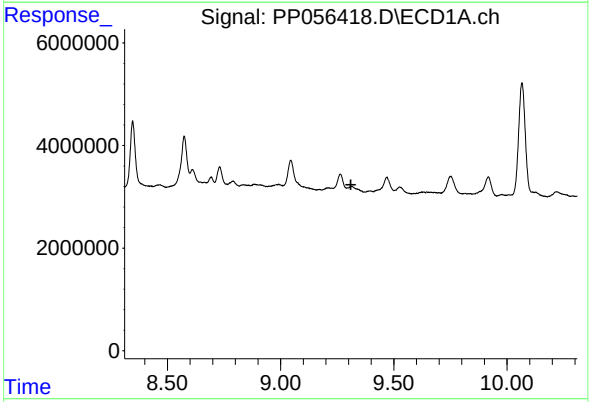
R.T.: 8.883 min
Delta R.T.: -0.006 min
Response: 486134
Conc: 2.12 ng/ml

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



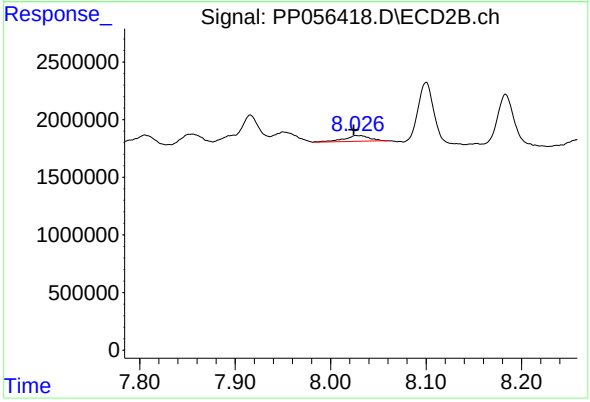

#43 AR-1268-3

R.T.: 7.747 min
Delta R.T.: 0.012 min
Response: 6275276
Conc: 46.20 ng/ml



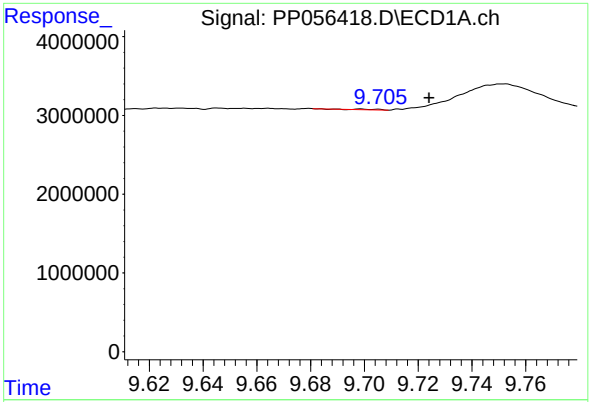

#44 AR-1268-4

R.T.: 9.314 min
Delta R.T.: 0.003 min
Response: -1055195
Conc: N.D.




#44 AR-1268-4

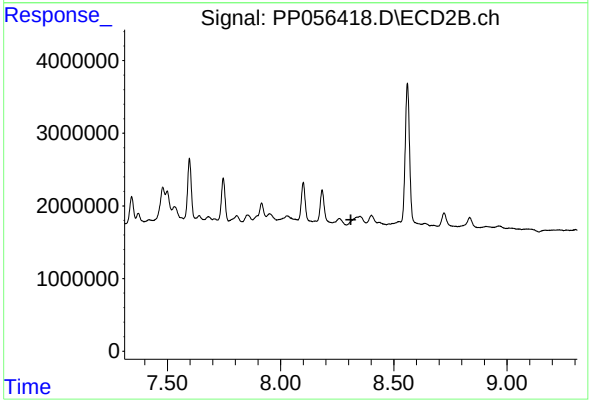
R.T.: 8.027 min
Delta R.T.: 0.003 min
Response: 919830
Conc: 18.02 ng/ml




#45 AR-1268-5

R.T.: 9.699 min
Delta R.T.: -0.025 min
Response: 66908
Conc: 0.09 ng/ml

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




#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.310 min
Response: 0
Conc: N.D.