Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071221\
Data File : PP037218.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Jul 2021 10:56
Operator : DD\AJ
Sample : M2993-03DL 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 15:12:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 07 08:32:32 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** | | | | | | | |
| 2) SA | Decachlor... | 10.983 | 9.242 | 16488 | 11681 | 0.358 | 0.420 | |
| | **Target Compounds** | | | | | | | |
| 3) L1 | AR-1016-1 | 6.276 | 5.198 | 1117131 | 685109 | 642.875 | 662.965 | |
| 4) L1 | AR-1016-2 | 6.300 | 5.218 | 1720834 | 995172 | 688.308 | 695.074 | |
| 5) L1 | AR-1016-3 | 6.366 | 5.408 | 1136326 | 780667 | 713.463 | 999.186 | # |
| 6) L1 | AR-1016-4 | 6.473 | 5.461 | 1264458 | 708689 | 958.949 | 1174.124 | |
| 7) L1 | AR-1016-5 | 6.788 | 5.688 | 1833946 | 1215969 | 1449.750 | 1574.694 | |
| 8) L2 | AR-1221-1 | 5.199 | 4.202 | 36925 | 12714 | 69.620 | 41.628 | # |
| 9) L2 | AR-1221-2 | 5.304 | 4.302 | 34003 | 24471 | 83.930 | 103.949 | |
| 10) L2 | AR-1221-3 | 5.392 | 4.390 | 194673 | 115564 | 159.773 | 155.373 | |
| 11) L3 | AR-1232-1 | 5.392 | 4.390 | 194673 | 115564 | 175.206 | 170.206 | |
| 12) L3 | AR-1232-2 | 5.981 | 5.218 | 805451 | 995172 | 1350.807 | 1589.956 | |
| 13) L3 | AR-1232-3 | 6.300 | 5.408 | 1720834 | 780667 | 1572.606 | 2351.313 | # |
| 14) L3 | AR-1232-4 | 6.473 | 5.506 | 1264458 | 818683 | 2177.944 | 2969.359 | # |
| 15) L3 | AR-1232-5 | 6.571 | 5.688 | 1152318 | 1215969 | 2996.248 | 4090.444 | # |
| 16) L4 | AR-1242-1 | 6.276 | 5.198 | 1117131 | 685109 | 876.396 | 908.996 | |
| 17) L4 | AR-1242-2 | 6.300 | 5.218 | 1720834 | 995172 | 949.102 | 967.153 | |
| 18) L4 | AR-1242-3 | 6.366 | 5.408 | 1136326 | 780667 | 987.968 | 1370.991 | # |
| 19) L4 | AR-1242-4 | 6.473 | 5.506 | 1264458 | 818683 | 1320.856 | 1588.513 | |
| 20) L4 | AR-1242-5 | 7.256 | 6.068 | 1955615 | 1725780 | 1880.469 | 2535.385 | # |
| 21) L5 | AR-1248-1 | 6.276 | 5.198 | 1117131 | 685109 | 1064.366 | 1085.635 | |
| 22) L5 | AR-1248-2 | 6.571 | 5.461 | 1152318 | 708689 | 776.206 | 863.970 | |
| 23) L5 | AR-1248-3 | 6.788 | 5.506 | 1833946 | 818683 | 1110.269 | 956.658 | |
| 24) L5 | AR-1248-4 | 7.217 | 5.688 | 1922825 | 1215969 | 1017.309 | 1194.851 | |
| 25) L5 | AR-1248-5 | 7.256 | 6.111 | 1955615 | 1204415 | 1044.887 | 1135.442 | |
| 26) L6 | AR-1254-1 | 7.185 | 6.068 | 1577151 | 1725780 | 877.904 | 1162.476 | # |
| 27) L6 | AR-1254-2 | 7.420 | 6.228 | 2538636 | 592410 | 912.628 | 456.050 | # |
| 28) L6 | AR-1254-3 | 7.797 | 6.648 | 1482624 | 1044676 | 480.900 | 489.532 | |
| 29) L6 | AR-1254-4 | 8.094 | 6.888 | 940909 | 576988 | 414.234 | 425.278 | |
| 30) L6 | AR-1254-5 | 8.522 | 7.318 | 728783 | 598959 | 291.234 | 319.506 | |
| 31) L7 | AR-1260-1 | 7.964 | 6.791 | 419140 | 616997 | 190.394 | 446.513 | # |
| 32) L7 | AR-1260-2 | 8.229 | 6.984 | 514882 | 239009 | 185.091 | 142.273 | |
| 33) L7 | AR-1260-3 | 8.588 | 7.135 | 119200 | 317227 | 58.976 | 185.144 | # |
| 34) L7 | AR-1260-4 | 8.819 | 7.621 | 309513 | 41306 | 125.828 | 30.383 | # |
| 35) L7 | AR-1260-5 | 9.153 | 7.870 | 142685 | 60664 | 30.922 | 18.808 | # |
| 36) L8 | AR-1262-1 | 8.588 | 7.318 | 119200 | 598959 | 40.927 | 576.815 | # |
| 37) L8 | AR-1262-2 | 9.153 | 7.870 | 142685 | 60664 | 27.169 | 17.439 | # |
| 38) L8 | AR-1262-3 | 9.488f | 8.157 | 93328 | 12670 | 24.357 | 8.999 | # |
| 39) L8 | AR-1262-4 | 9.539f | 8.218 | 35664 | 64032 | 12.137 | 24.045 | # |
| 40) L8 | AR-1262-5 | 10.230 | 0.000 | 11194 | 0 | 5.264 | N.D. | # |
| 41) L9 | AR-1268-1 | 9.488f | 8.157 | 93328 | 12670 | 15.368 | 3.179 | # |
| 42) L9 | AR-1268-2 | 9.539f | 8.218 | 35664 | 64032 | 6.205 | 17.301 | # |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071221\
Data File : PP037218.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Jul 2021 10:56
Operator : DD\AJ
Sample : M2993-03DL 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 15:12:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 07 08:32:32 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 | |
|---|---|---|---|---|---|---|---|---|
| 44) | L9 AR-1268-4 | 10.230 | 0.000 | 11194 | 0 | 4.893 | N.D. | # |

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

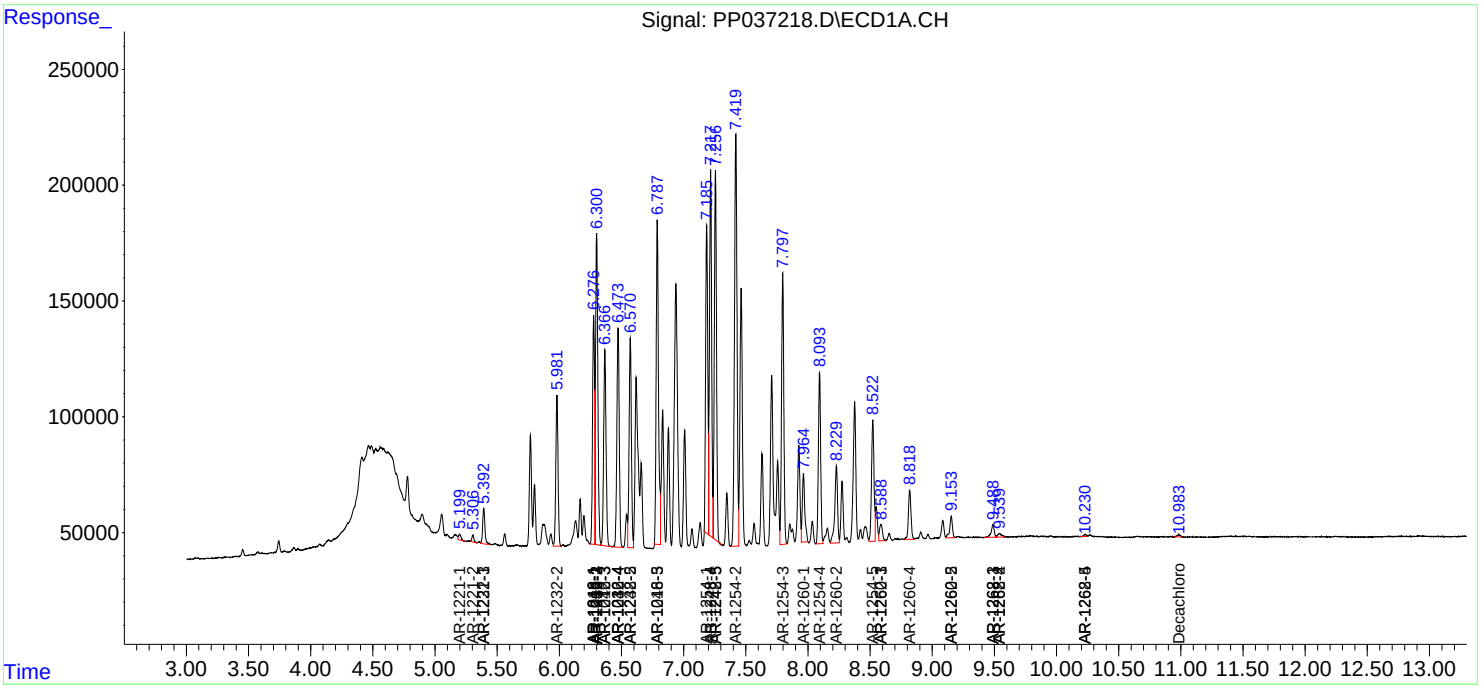
Quantitation Report (Not Reviewed)

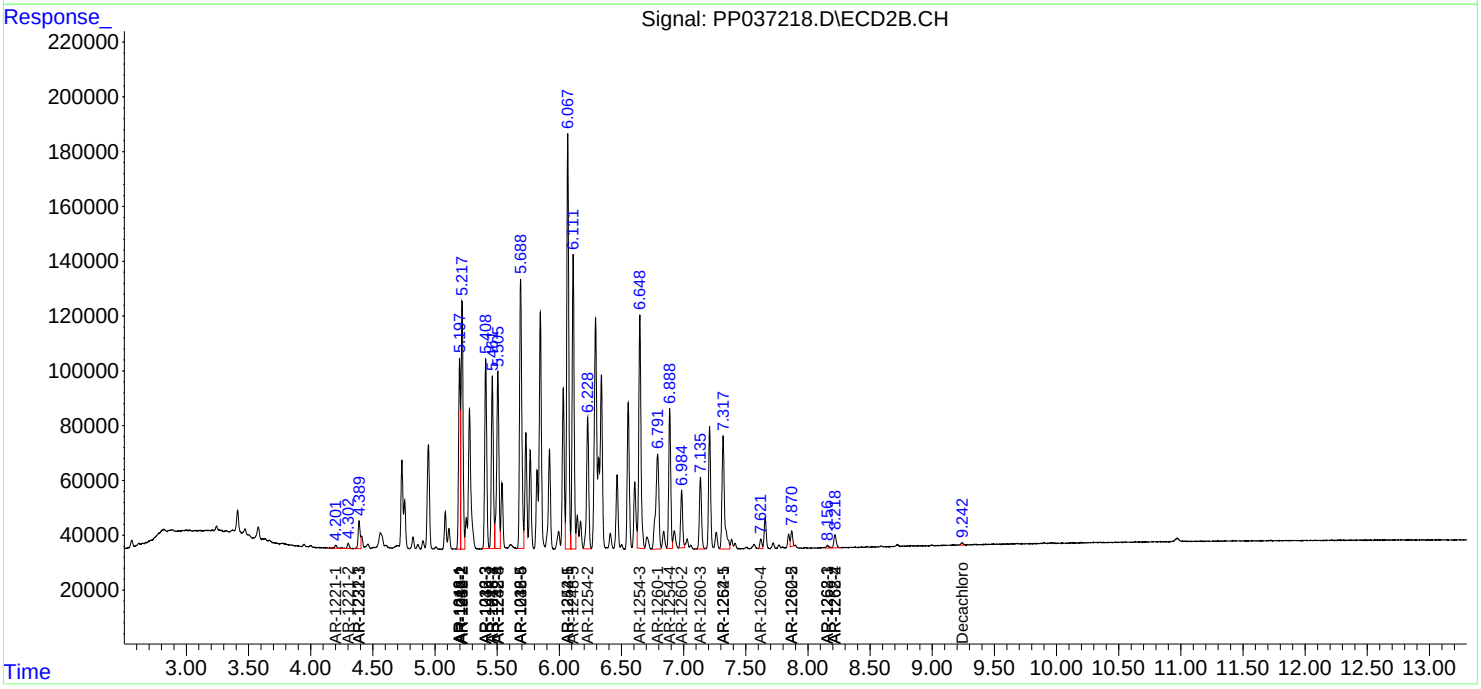
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071221\
Data File : PP037218.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Jul 2021 10:56
Operator : DD\AJ
Sample : M2993-03DL 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

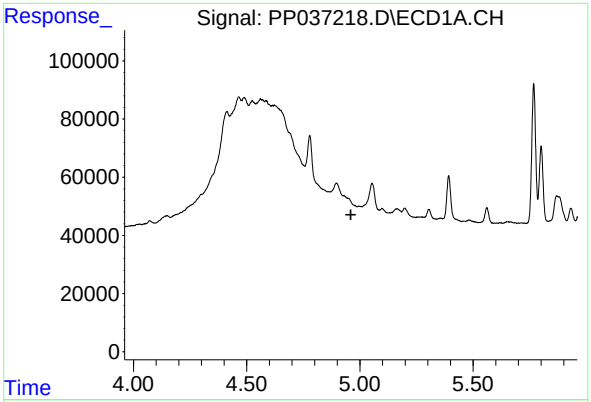
**Instrument :**
ECD_P
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 15:12:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 07 08:32:32 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



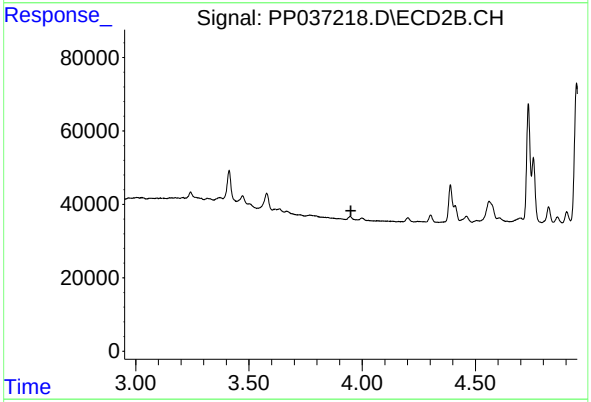






#1 Tetrachloro-m-xylene

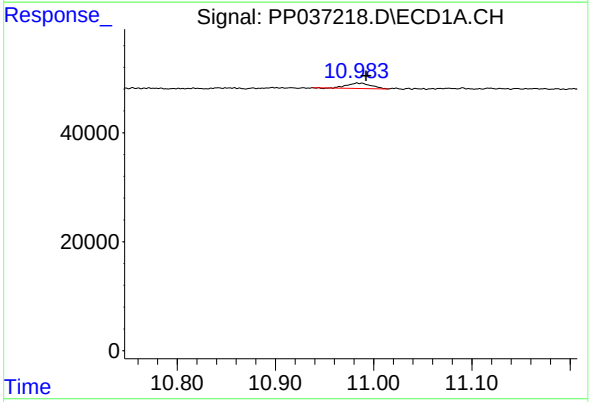
R.T.: 0.000 min
Exp R.T. : 4.960 min
Response: 0
Conc: N.D.

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



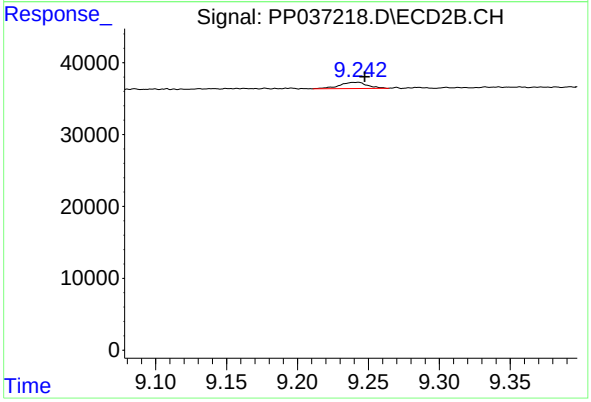

#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.950 min
Response: 0
Conc: N.D.



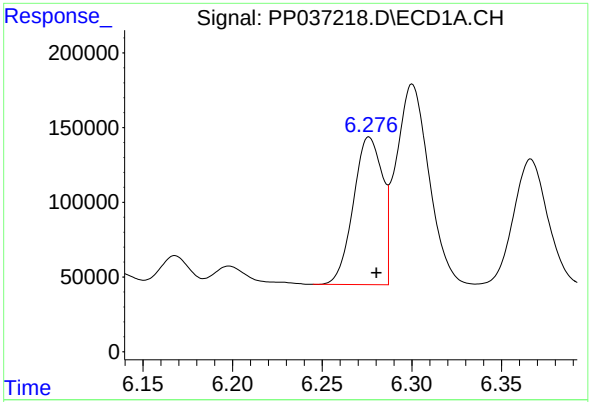

#2 Decachlorobiphenyl

R.T.: 10.983 min
Delta R.T.: -0.009 min
Response: 16488
Conc: 0.36 ng/ml




#2 Decachlorobiphenyl

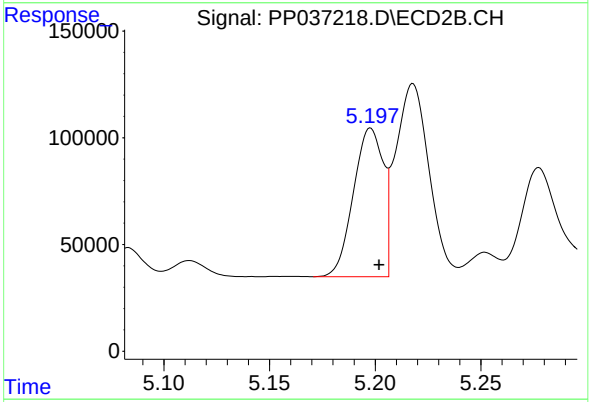
R.T.: 9.242 min
Delta R.T.: -0.005 min
Response: 11681
Conc: 0.42 ng/ml




#3 AR-1016-1

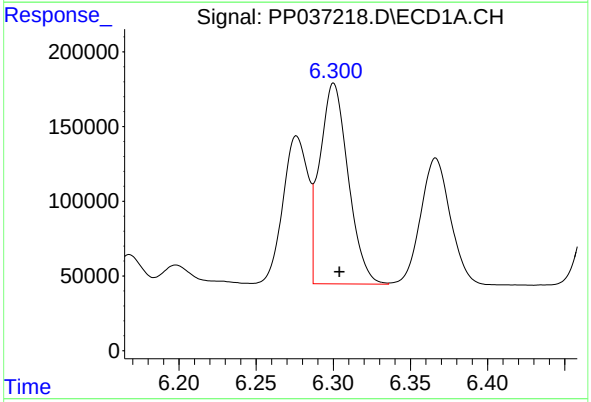
R.T.: 6.276 min
Delta R.T.: -0.004 min
Response: 1117131
Conc: 642.88 ng/ml

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



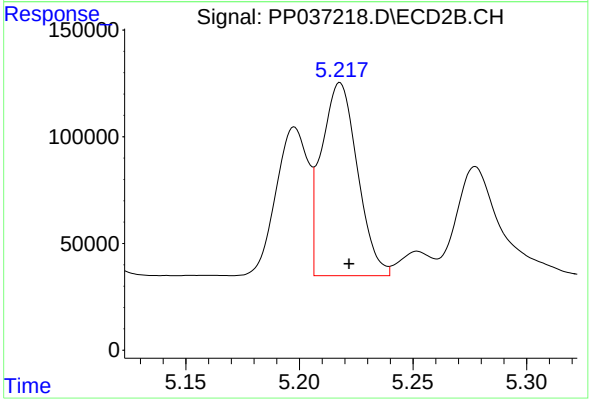

#3 AR-1016-1

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 685109
Conc: 662.96 ng/ml



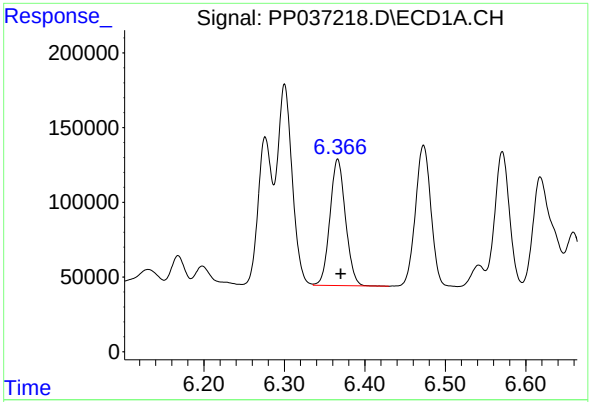

#4 AR-1016-2

R.T.: 6.300 min
Delta R.T.: -0.004 min
Response: 1720834
Conc: 688.31 ng/ml




#4 AR-1016-2

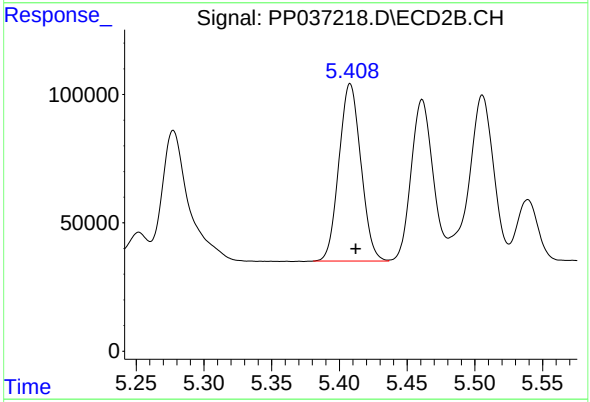
R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 995172
Conc: 695.07 ng/ml




#5 AR-1016-3

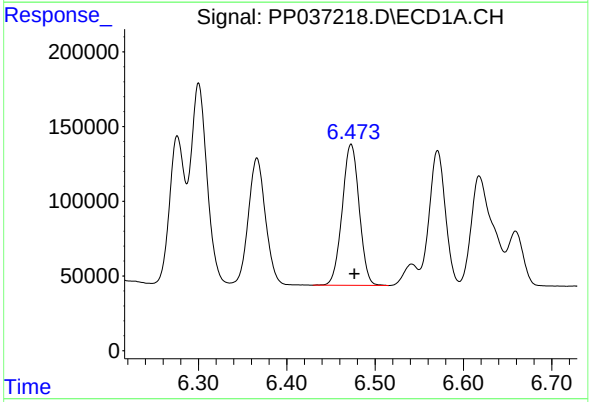
R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 1136326
Conc: 713.46 ng/ml

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



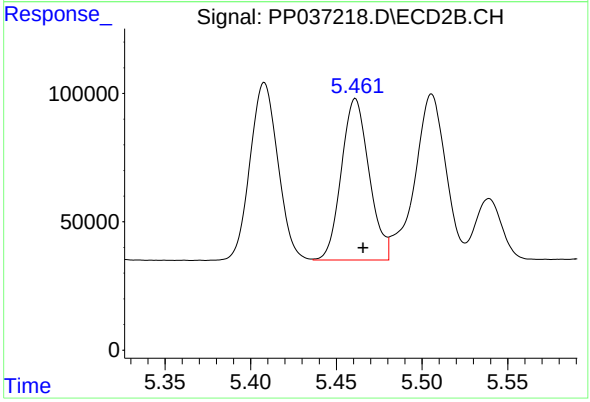

#5 AR-1016-3

R.T.: 5.408 min
Delta R.T.: -0.004 min
Response: 780667
Conc: 999.19 ng/ml



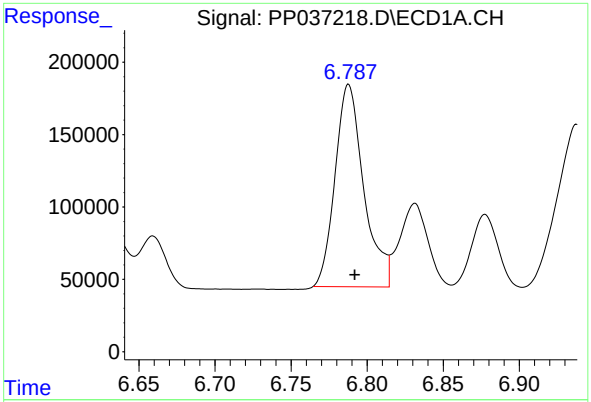

#6 AR-1016-4

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 1264458
Conc: 958.95 ng/ml




#6 AR-1016-4

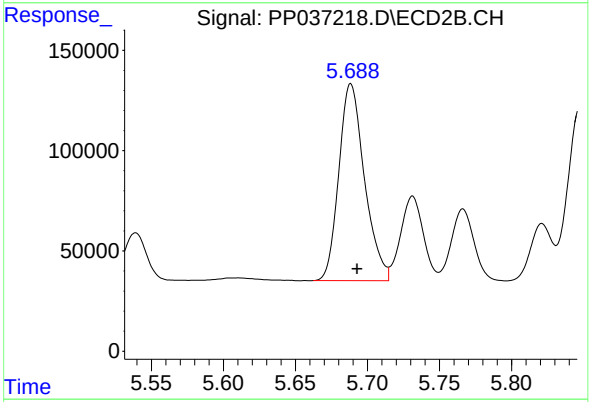
R.T.: 5.461 min
Delta R.T.: -0.005 min
Response: 708689
Conc: 1174.12 ng/ml




#7 AR-1016-5

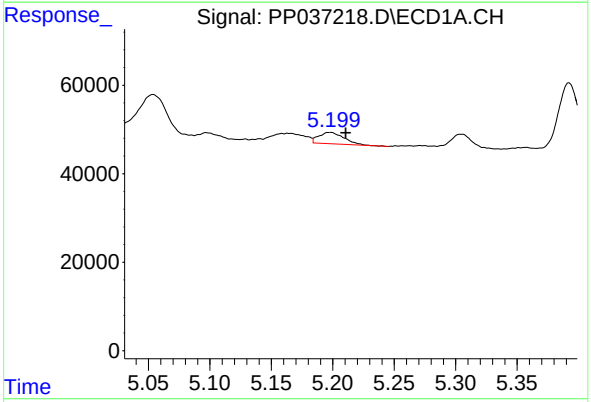
R.T.: 6.788 min
Delta R.T.: -0.004 min
Response: 1833946
Conc: 1449.75 ng/ml

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



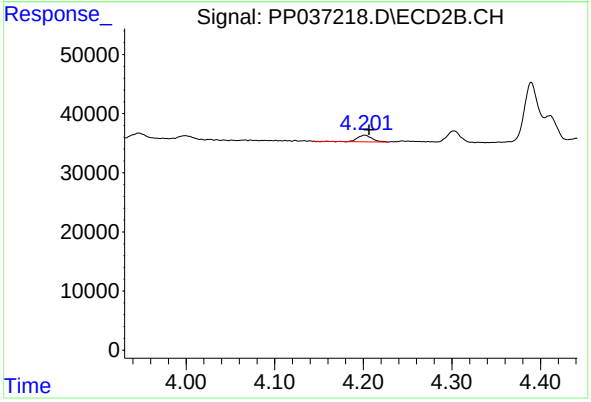

#7 AR-1016-5

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 1215969
Conc: 1574.69 ng/ml



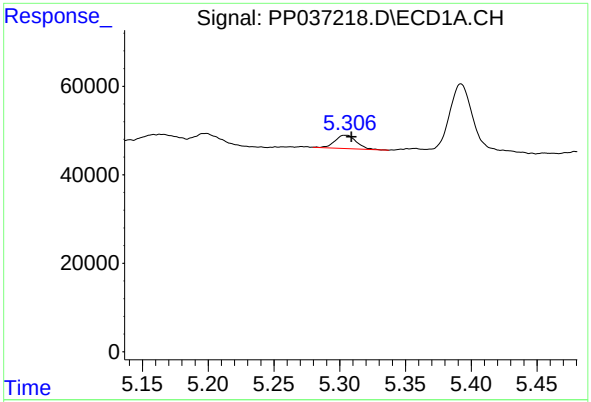

#8 AR-1221-1

R.T.: 5.199 min
Delta R.T.: -0.012 min
Response: 36925
Conc: 69.62 ng/ml




#8 AR-1221-1

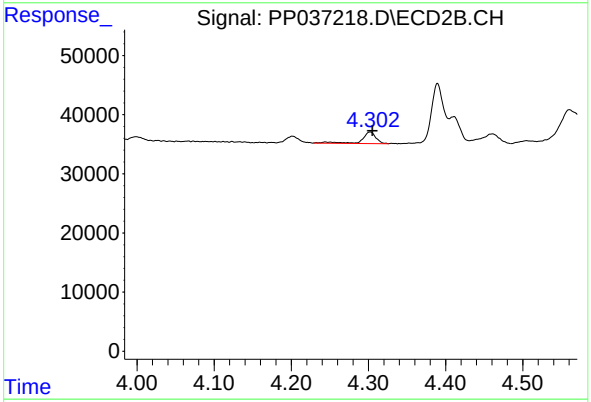
R.T.: 4.202 min
Delta R.T.: -0.005 min
Response: 12714
Conc: 41.63 ng/ml




#9 AR-1221-2

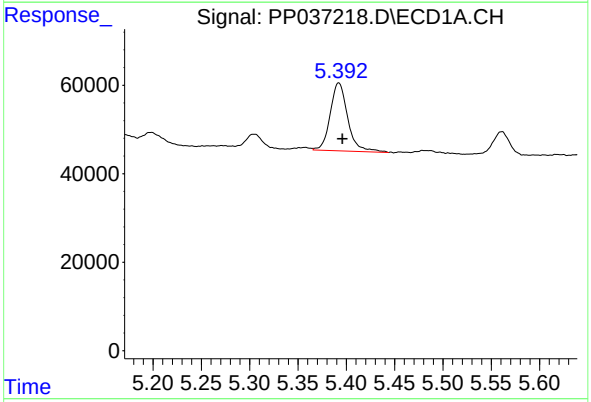
R.T.: 5.304 min
Delta R.T.: -0.005 min
Response: 34003
Conc: 83.93 ng/ml

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



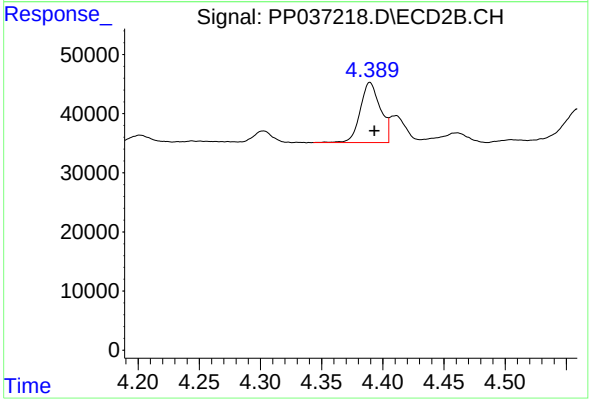

#9 AR-1221-2

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 24471
Conc: 103.95 ng/ml



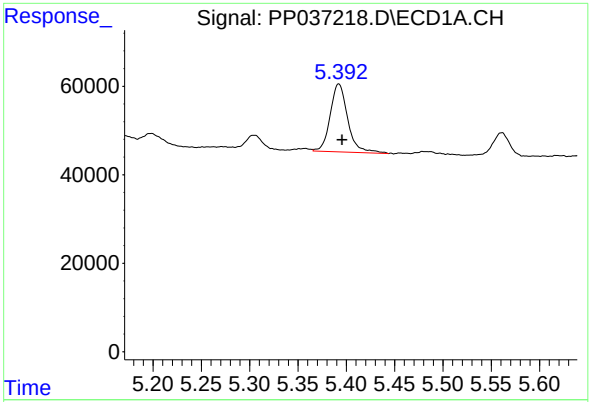

#10 AR-1221-3

R.T.: 5.392 min
Delta R.T.: -0.004 min
Response: 194673
Conc: 159.77 ng/ml




#10 AR-1221-3

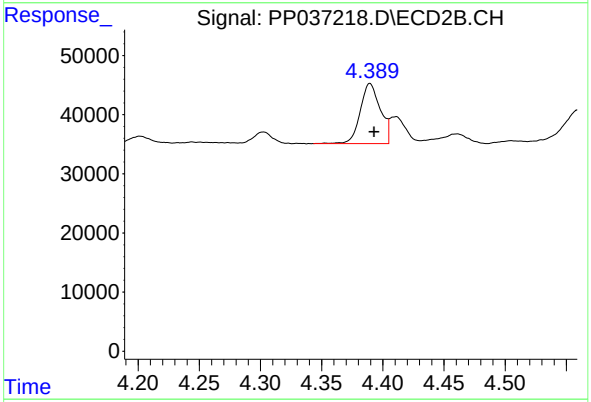
R.T.: 4.390 min
Delta R.T.: -0.004 min
Response: 115564
Conc: 155.37 ng/ml




#11 AR-1232-1

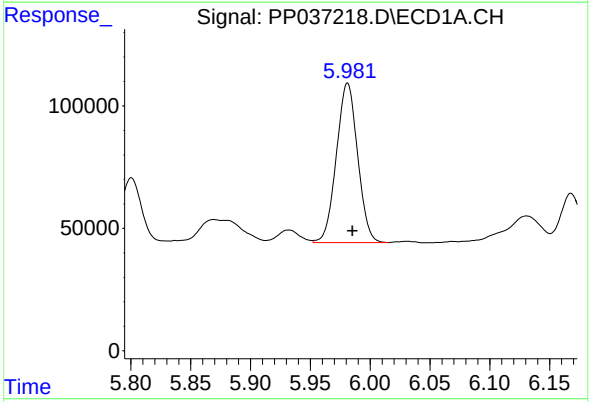
R.T.: 5.392 min
Delta R.T.: -0.003 min
Response: 194673
Conc: 175.21 ng/ml

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



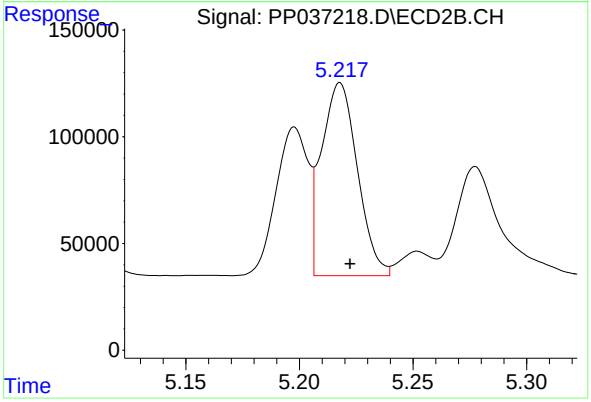

#11 AR-1232-1

R.T.: 4.390 min
Delta R.T.: -0.003 min
Response: 115564
Conc: 170.21 ng/ml



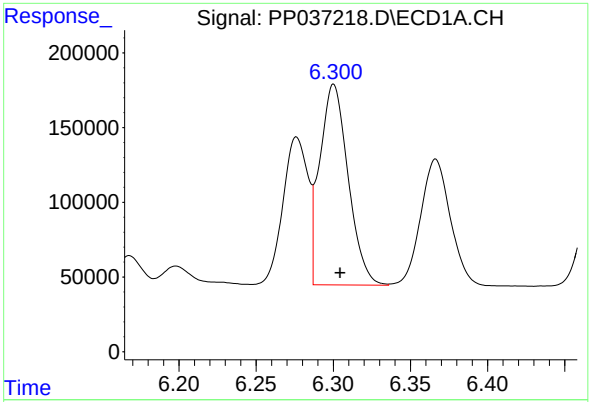

#12 AR-1232-2

R.T.: 5.981 min
Delta R.T.: -0.004 min
Response: 805451
Conc: 1350.81 ng/ml




#12 AR-1232-2

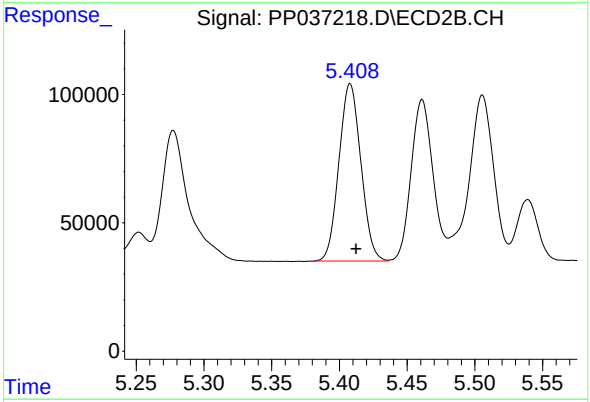
R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 995172
Conc: 1589.96 ng/ml




#13 AR-1232-3

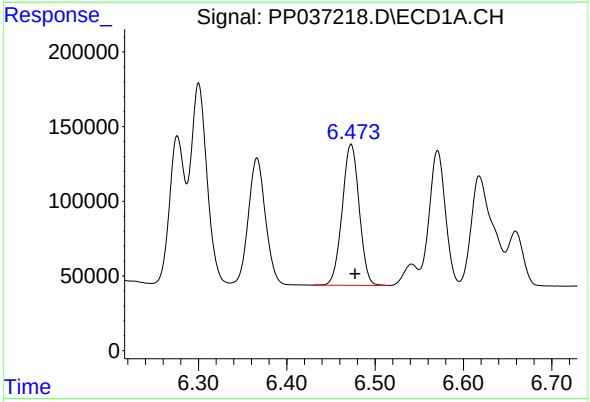
R.T.: 6.300 min
Delta R.T.: -0.004 min
Response: 1720834
Conc: 1572.61 ng/ml

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



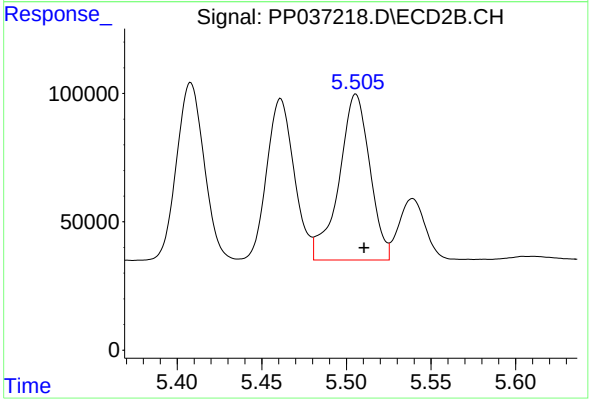

#13 AR-1232-3

R.T.: 5.408 min
Delta R.T.: -0.004 min
Response: 780667
Conc: 2351.31 ng/ml



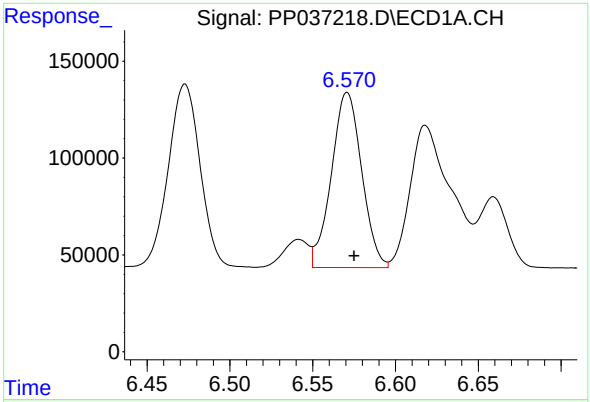

#14 AR-1232-4

R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 1264458
Conc: 2177.94 ng/ml




#14 AR-1232-4

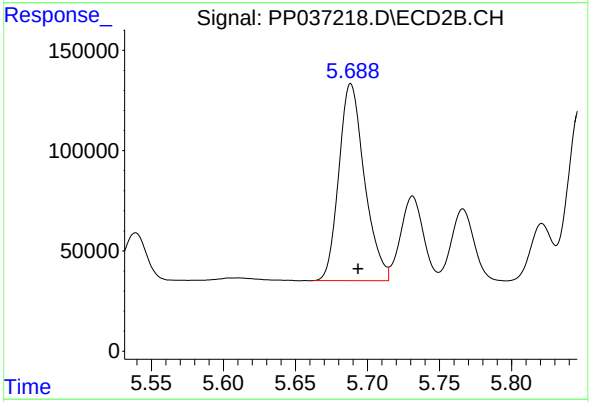
R.T.: 5.506 min
Delta R.T.: -0.005 min
Response: 818683
Conc: 2969.36 ng/ml




#15 AR-1232-5

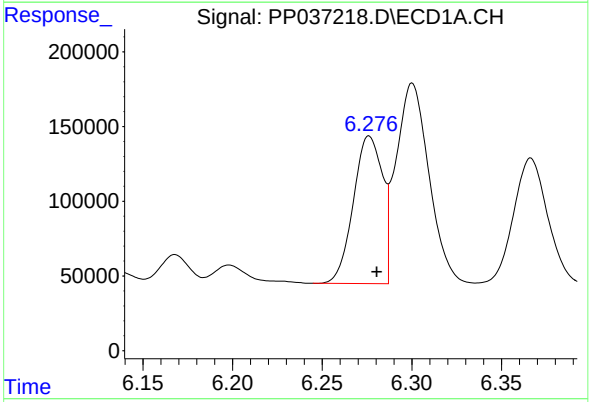
R.T.: 6.571 min
Delta R.T.: -0.004 min
Response: 1152318
Conc: 2996.25 ng/ml

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



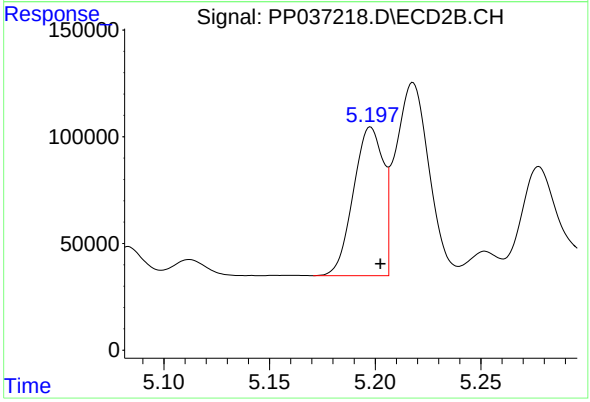

#15 AR-1232-5

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 1215969
Conc: 4090.44 ng/ml



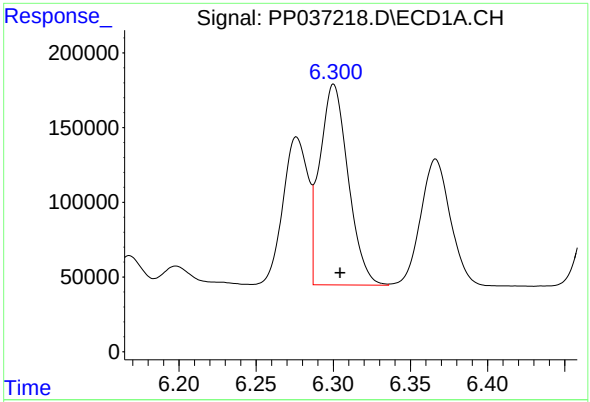

#16 AR-1242-1

R.T.: 6.276 min
Delta R.T.: -0.004 min
Response: 1117131
Conc: 876.40 ng/ml




#16 AR-1242-1

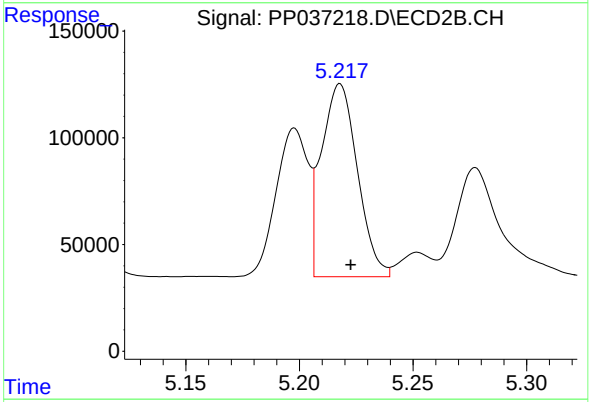
R.T.: 5.198 min
Delta R.T.: -0.005 min
Response: 685109
Conc: 909.00 ng/ml




#17 AR-1242-2

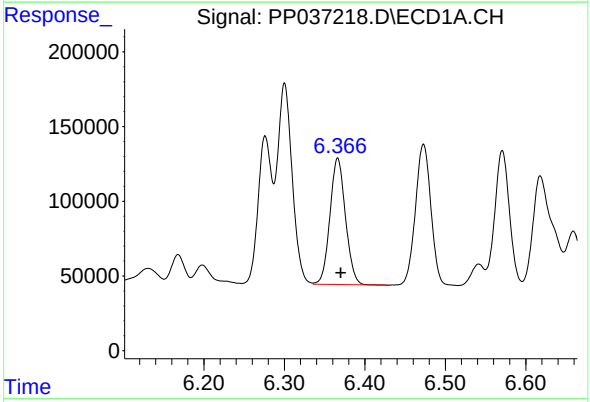
R.T.: 6.300 min
Delta R.T.: -0.004 min
Response: 1720834
Conc: 949.10 ng/ml

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



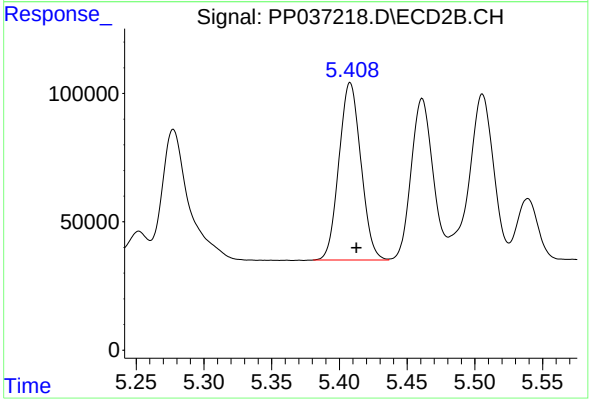

#17 AR-1242-2

R.T.: 5.218 min
Delta R.T.: -0.005 min
Response: 995172
Conc: 967.15 ng/ml



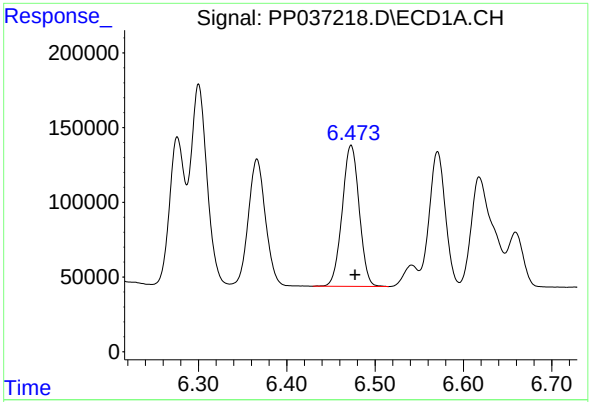

#18 AR-1242-3

R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 1136326
Conc: 987.97 ng/ml




#18 AR-1242-3

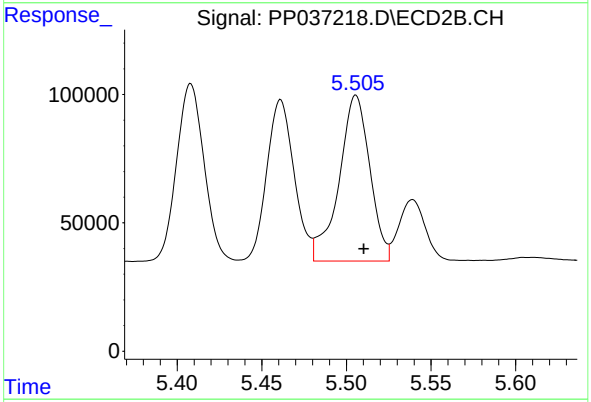
R.T.: 5.408 min
Delta R.T.: -0.004 min
Response: 780667
Conc: 1370.99 ng/ml




#19 AR-1242-4

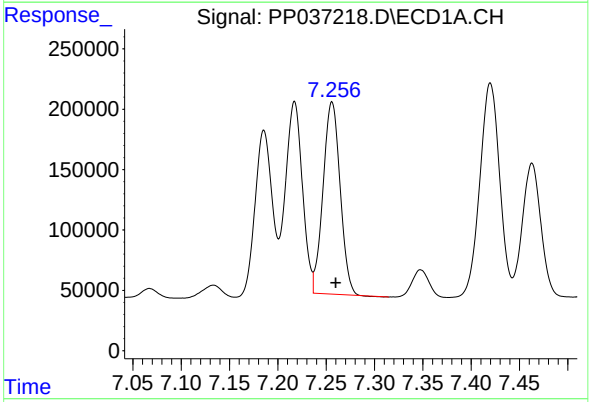
R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 1264458
Conc: 1320.86 ng/ml

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



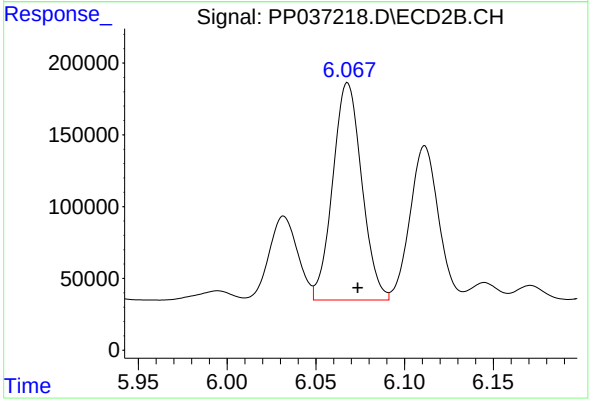

#19 AR-1242-4

R.T.: 5.506 min
Delta R.T.: -0.005 min
Response: 818683
Conc: 1588.51 ng/ml



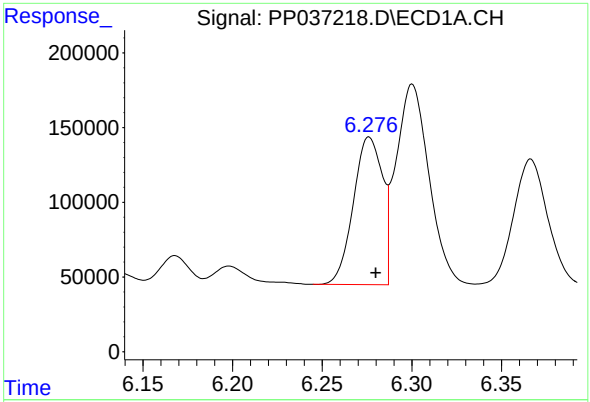

#20 AR-1242-5

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 1955615
Conc: 1880.47 ng/ml




#20 AR-1242-5

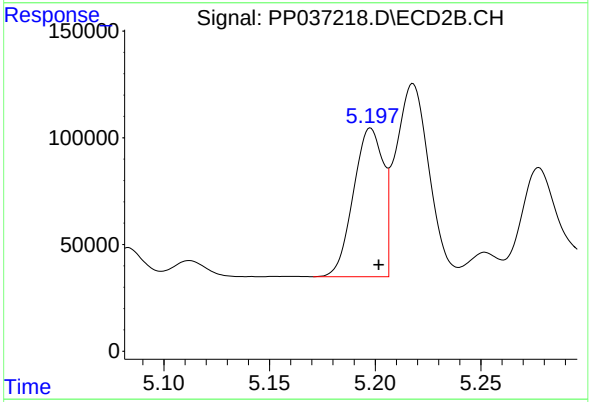
R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 1725780
Conc: 2535.39 ng/ml




#21 AR-1248-1

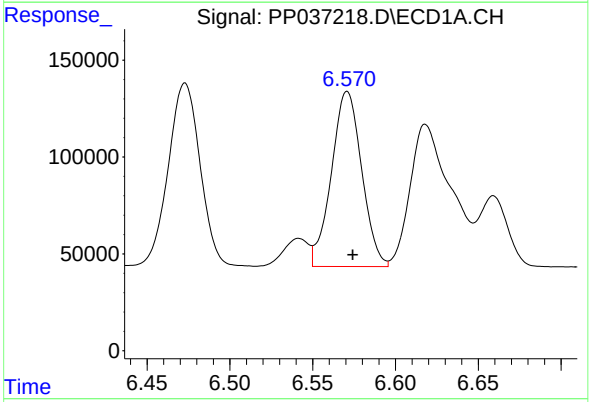
R.T.: 6.276 min
Delta R.T.: -0.004 min
Response: 1117131
Conc: 1064.37 ng/ml

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



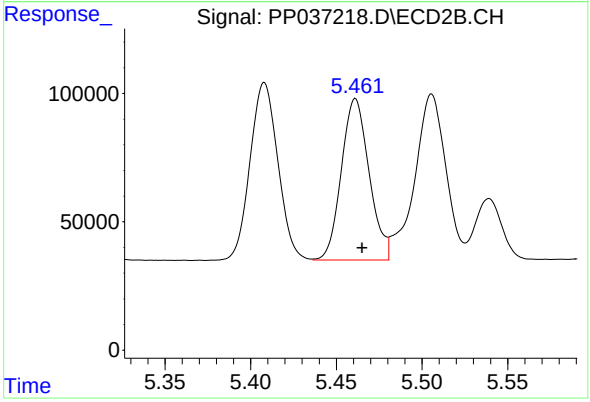

#21 AR-1248-1

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 685109
Conc: 1085.64 ng/ml



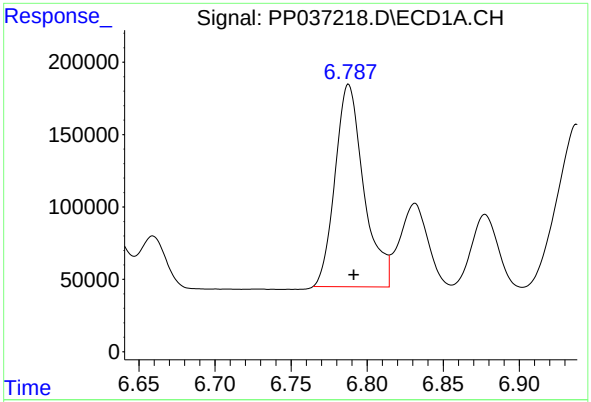

#22 AR-1248-2

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 1152318
Conc: 776.21 ng/ml




#22 AR-1248-2

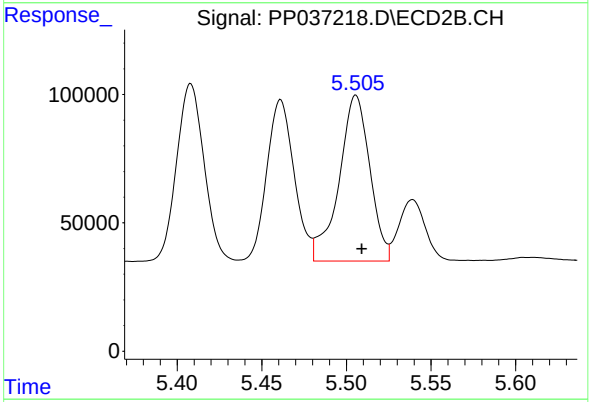
R.T.: 5.461 min
Delta R.T.: -0.004 min
Response: 708689
Conc: 863.97 ng/ml




#23 AR-1248-3

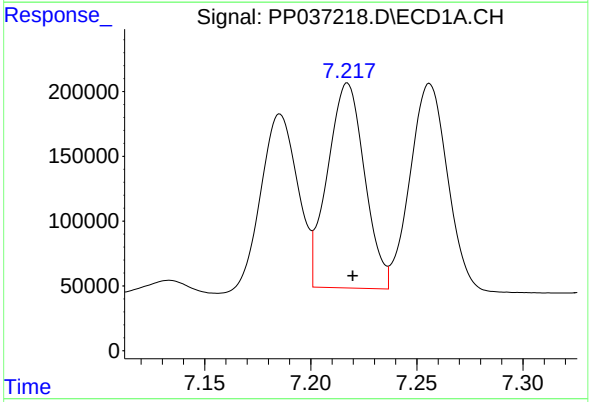
R.T.: 6.788 min
Delta R.T.: -0.003 min
Response: 1833946
Conc: 1110.27 ng/ml

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



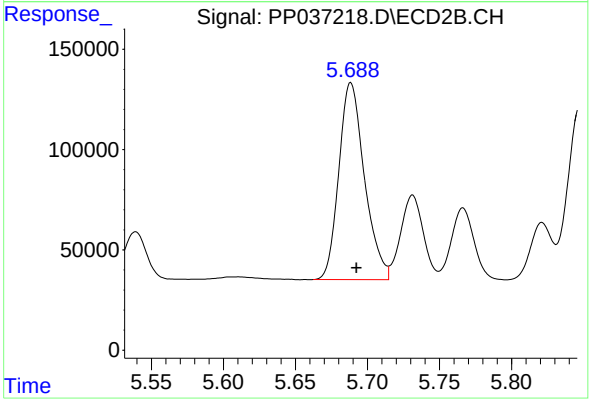

#23 AR-1248-3

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 818683
Conc: 956.66 ng/ml



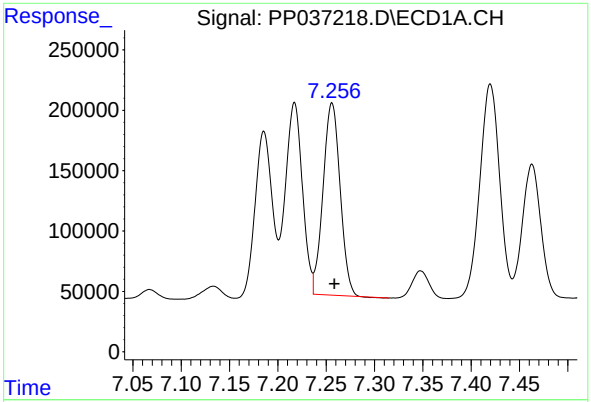

#24 AR-1248-4

R.T.: 7.217 min
Delta R.T.: -0.003 min
Response: 1922825
Conc: 1017.31 ng/ml




#24 AR-1248-4

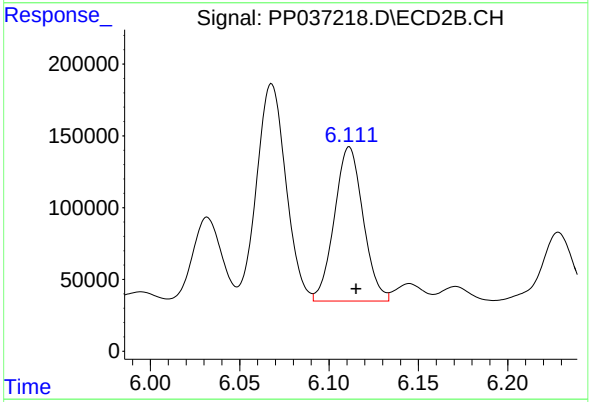
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 1215969
Conc: 1194.85 ng/ml




#25 AR-1248-5

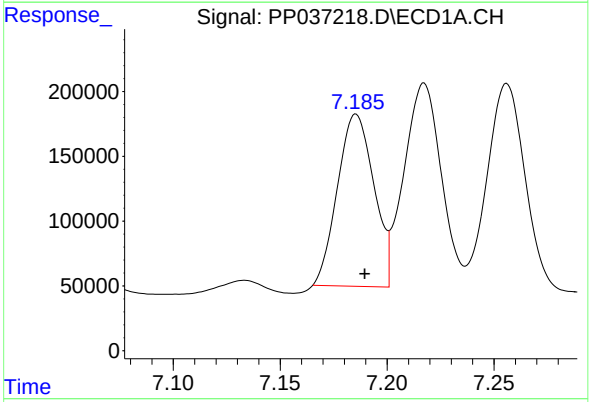
R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 1955615
Conc: 1044.89 ng/ml

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



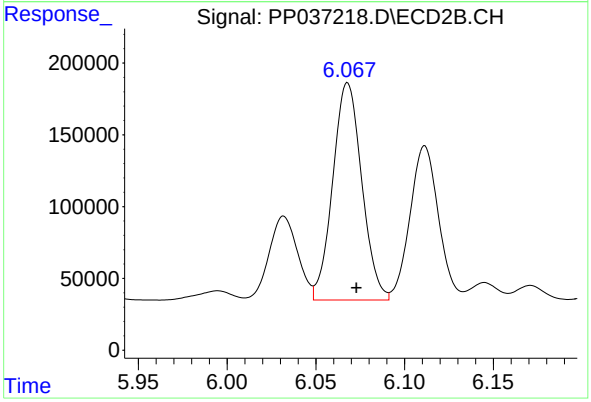

#25 AR-1248-5

R.T.: 6.111 min
Delta R.T.: -0.004 min
Response: 1204415
Conc: 1135.44 ng/ml



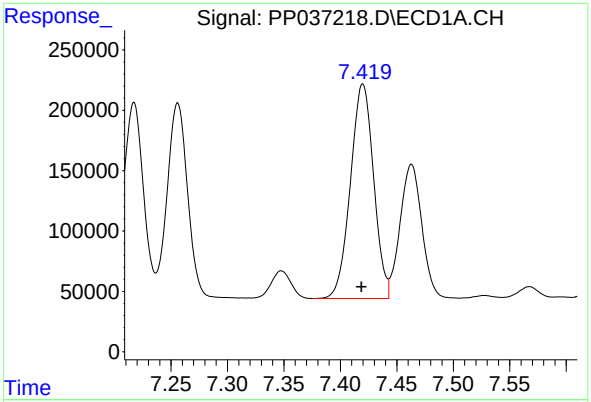

#26 AR-1254-1

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 1577151
Conc: 877.90 ng/ml




#26 AR-1254-1

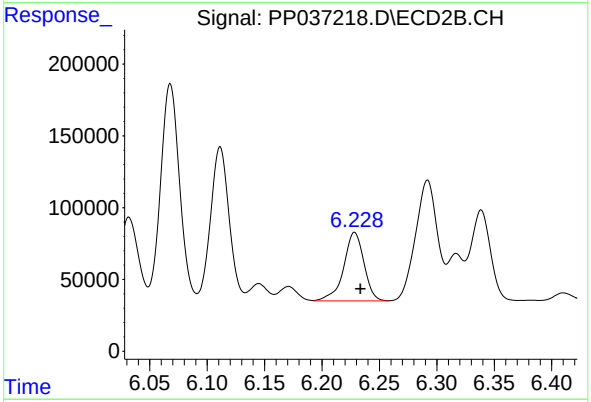
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 1725780
Conc: 1162.48 ng/ml




#27 AR-1254-2

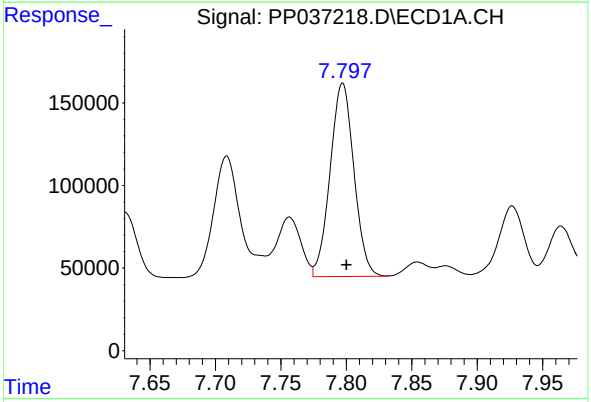
R.T.: 7.420 min
Delta R.T.: 0.001 min
Response: 2538636
Conc: 912.63 ng/ml

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



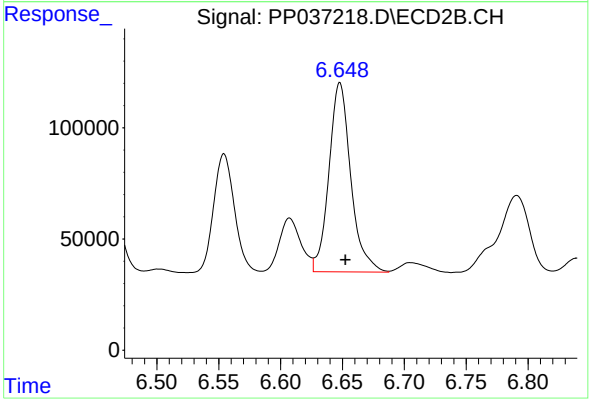

#27 AR-1254-2

R.T.: 6.228 min
Delta R.T.: -0.005 min
Response: 592410
Conc: 456.05 ng/ml



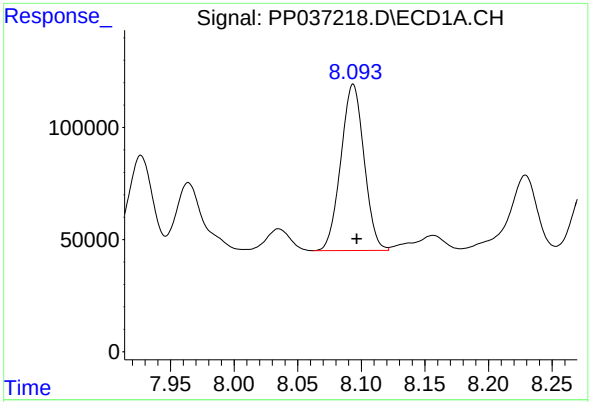

#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 1482624
Conc: 480.90 ng/ml




#28 AR-1254-3

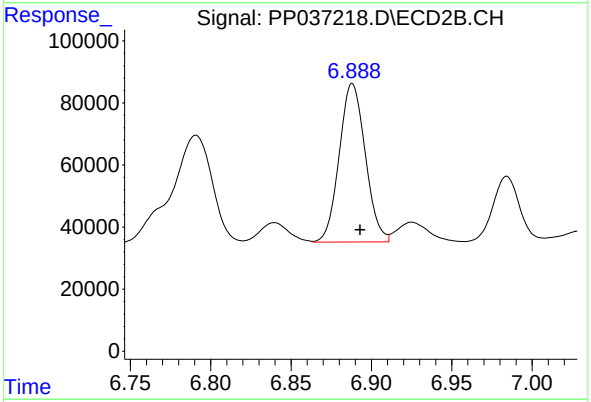
R.T.: 6.648 min
Delta R.T.: -0.005 min
Response: 1044676
Conc: 489.53 ng/ml




#29 AR-1254-4

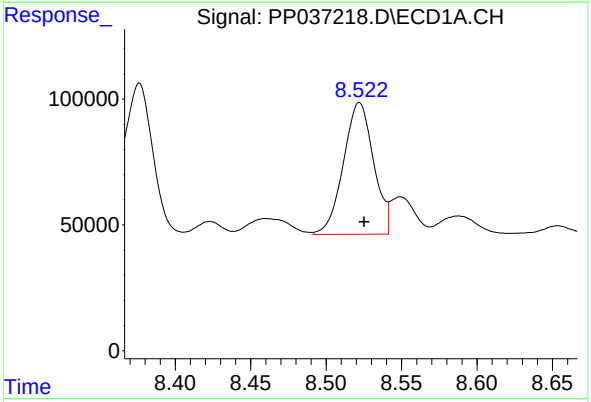
R.T.: 8.094 min
Delta R.T.: -0.003 min
Response: 940909
Conc: 414.23 ng/ml

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



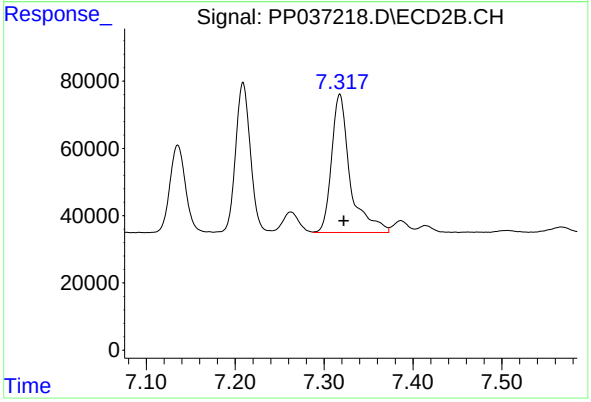

#29 AR-1254-4

R.T.: 6.888 min
Delta R.T.: -0.005 min
Response: 576988
Conc: 425.28 ng/ml



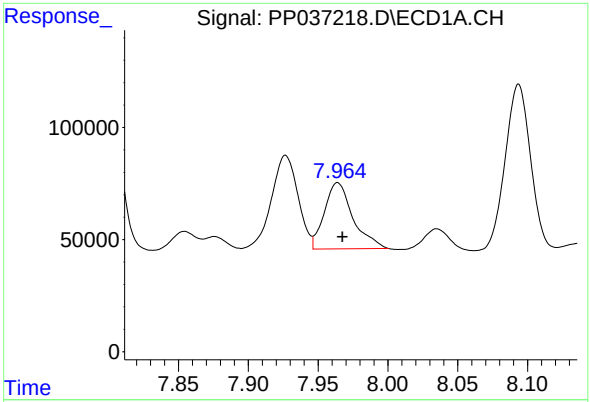

#30 AR-1254-5

R.T.: 8.522 min
Delta R.T.: -0.003 min
Response: 728783
Conc: 291.23 ng/ml




#30 AR-1254-5

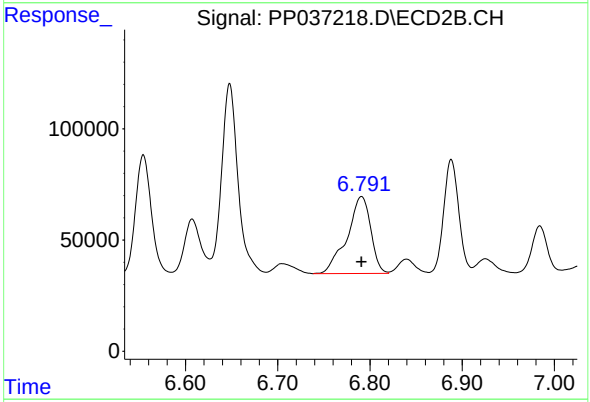
R.T.: 7.318 min
Delta R.T.: -0.005 min
Response: 598959
Conc: 319.51 ng/ml




#31 AR-1260-1

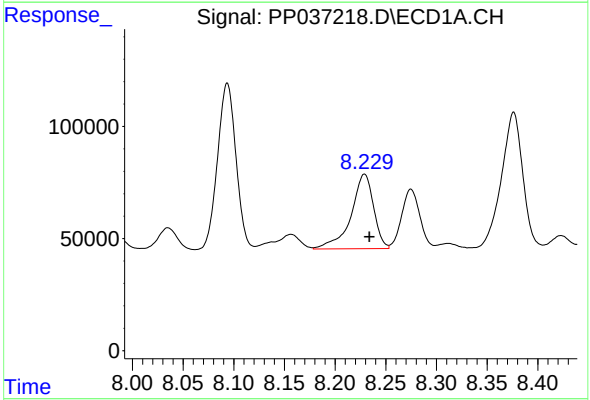
R.T.: 7.964 min
Delta R.T.: -0.003 min
Response: 419140
Conc: 190.39 ng/ml

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



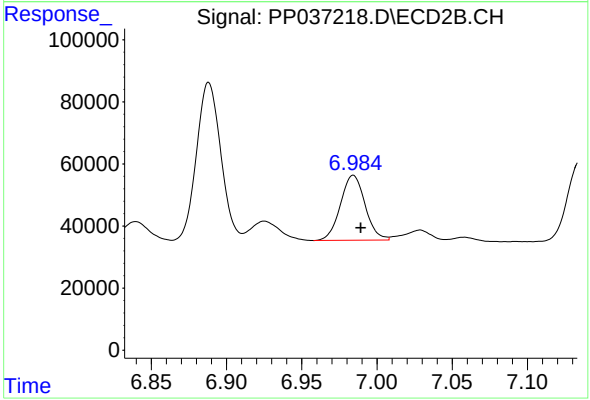

#31 AR-1260-1

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 616997
Conc: 446.51 ng/ml



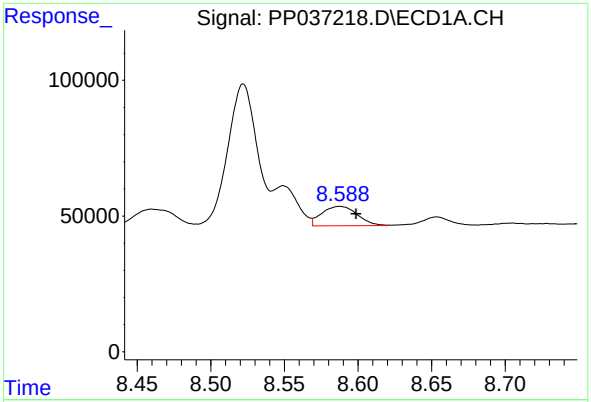

#32 AR-1260-2

R.T.: 8.229 min
Delta R.T.: -0.005 min
Response: 514882
Conc: 185.09 ng/ml




#32 AR-1260-2

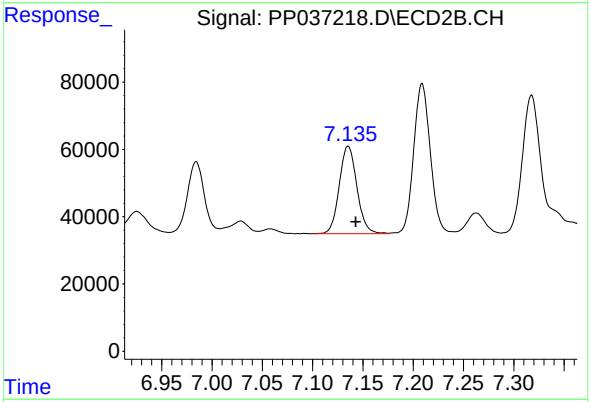
R.T.: 6.984 min
Delta R.T.: -0.005 min
Response: 239009
Conc: 142.27 ng/ml




#33 AR-1260-3

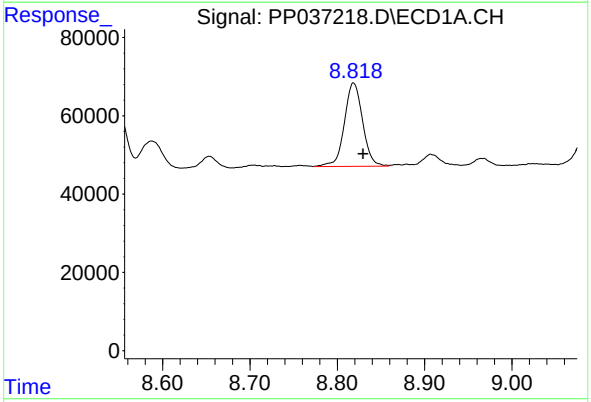
R.T.: 8.588 min
Delta R.T.: -0.011 min
Response: 119200
Conc: 58.98 ng/ml

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



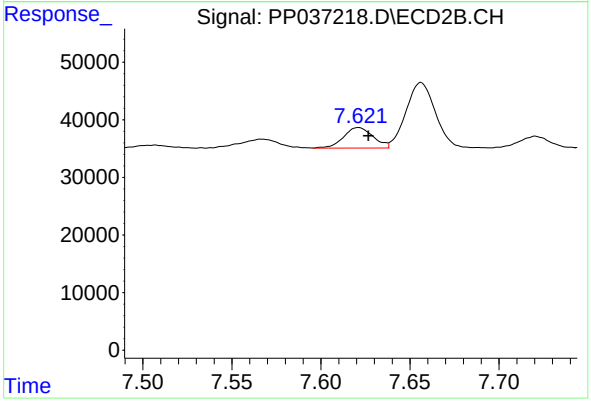

#33 AR-1260-3

R.T.: 7.135 min
Delta R.T.: -0.007 min
Response: 317227
Conc: 185.14 ng/ml



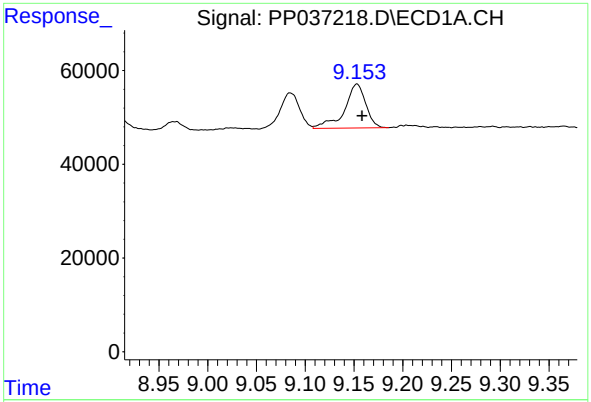

#34 AR-1260-4

R.T.: 8.819 min
Delta R.T.: -0.011 min
Response: 309513
Conc: 125.83 ng/ml




#34 AR-1260-4

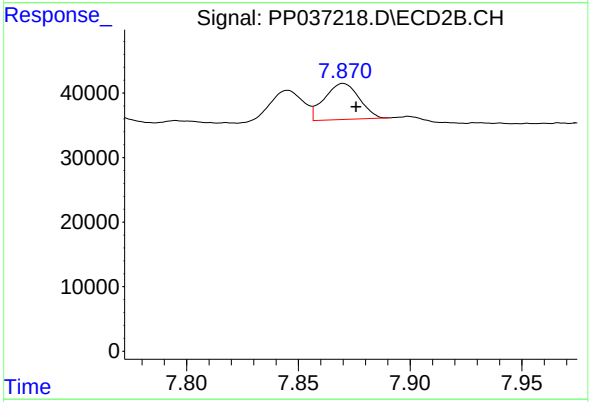
R.T.: 7.621 min
Delta R.T.: -0.006 min
Response: 41306
Conc: 30.38 ng/ml




#35 AR-1260-5

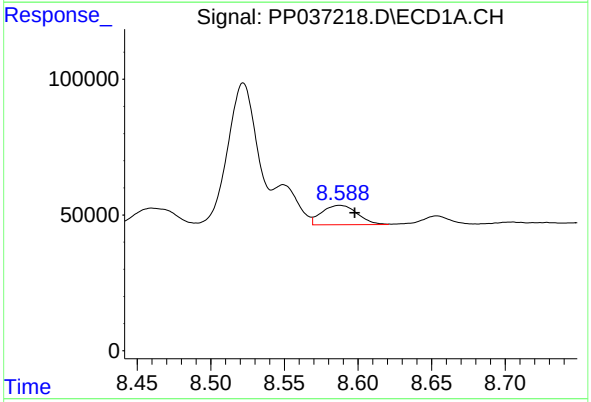
R.T.: 9.153 min
Delta R.T.: -0.005 min
Response: 142685
Conc: 30.92 ng/ml

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



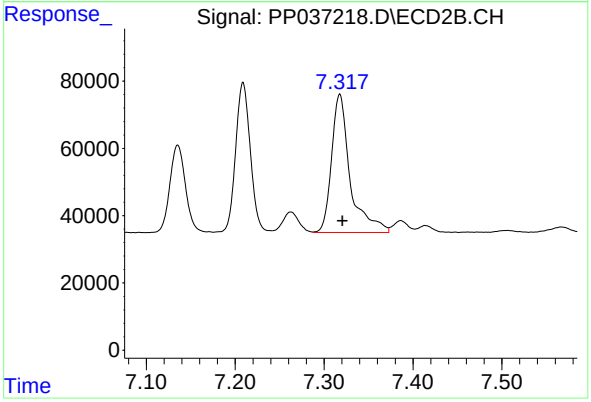

#35 AR-1260-5

R.T.: 7.870 min
Delta R.T.: -0.006 min
Response: 60664
Conc: 18.81 ng/ml



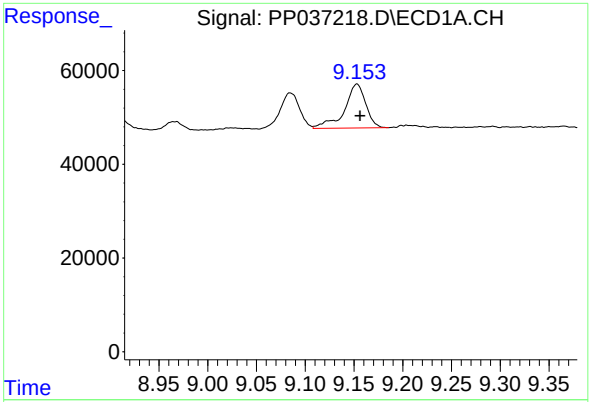

#36 AR-1262-1

R.T.: 8.588 min
Delta R.T.: -0.010 min
Response: 119200
Conc: 40.93 ng/ml




#36 AR-1262-1

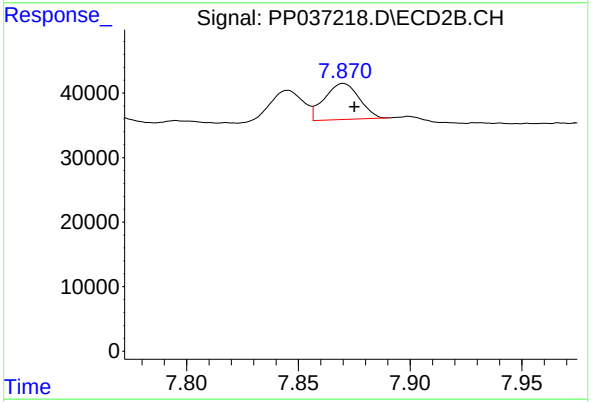
R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 598959
Conc: 576.81 ng/ml




#37 AR-1262-2

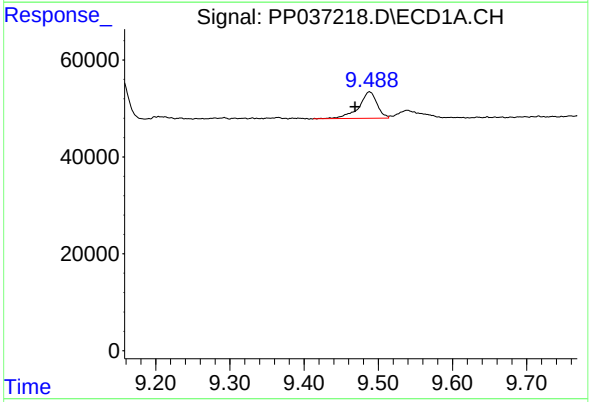
R.T.: 9.153 min
Delta R.T.: -0.003 min
Response: 142685
Conc: 27.17 ng/ml

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



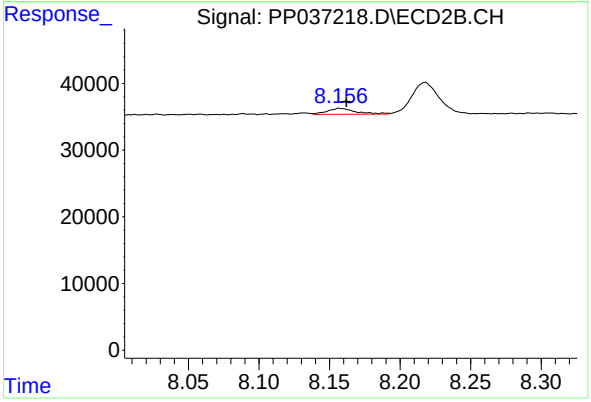

#37 AR-1262-2

R.T.: 7.870 min
Delta R.T.: -0.005 min
Response: 60664
Conc: 17.44 ng/ml



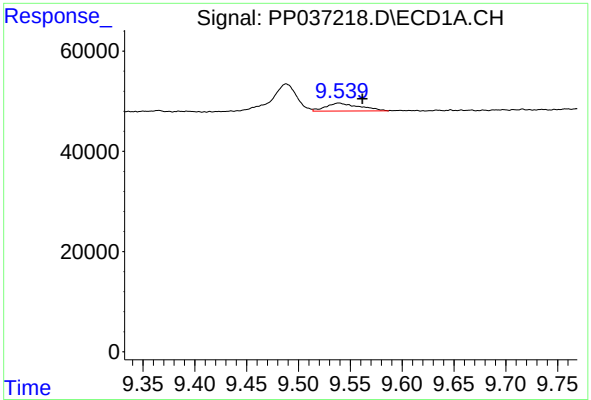

#38 AR-1262-3

R.T.: 9.488 min
Delta R.T.: 0.019 min
Response: 93328
Conc: 24.36 ng/ml




#38 AR-1262-3

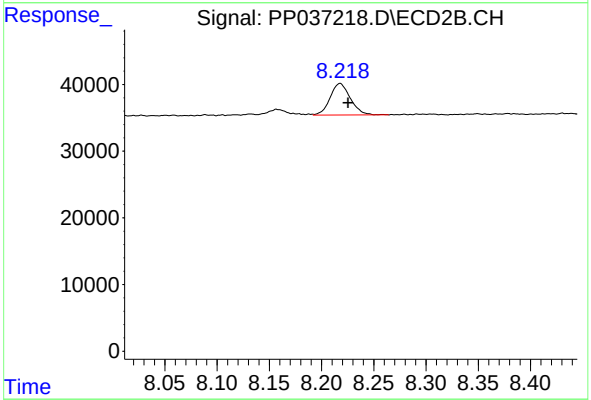
R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 12670
Conc: 9.00 ng/ml




#39 AR-1262-4

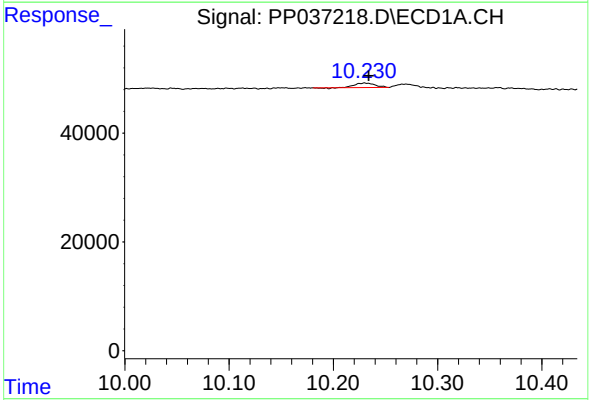
R.T.: 9.539 min
Delta R.T.: -0.023 min
Response: 35664
Conc: 12.14 ng/ml

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



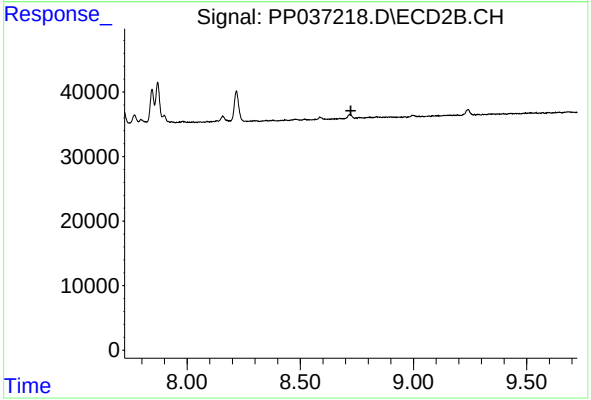

#39 AR-1262-4

R.T.: 8.218 min
Delta R.T.: -0.008 min
Response: 64032
Conc: 24.05 ng/ml



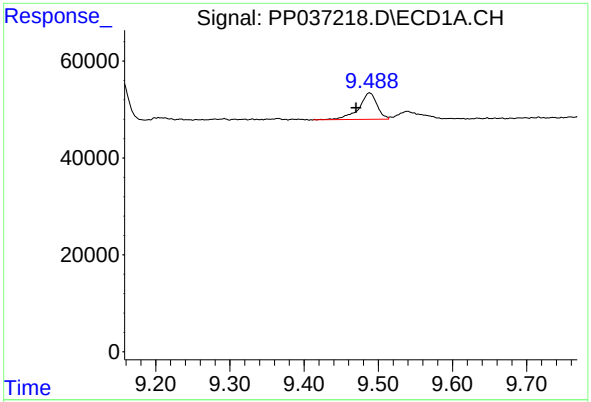

#40 AR-1262-5

R.T.: 10.230 min
Delta R.T.: -0.004 min
Response: 11194
Conc: 5.26 ng/ml




#40 AR-1262-5

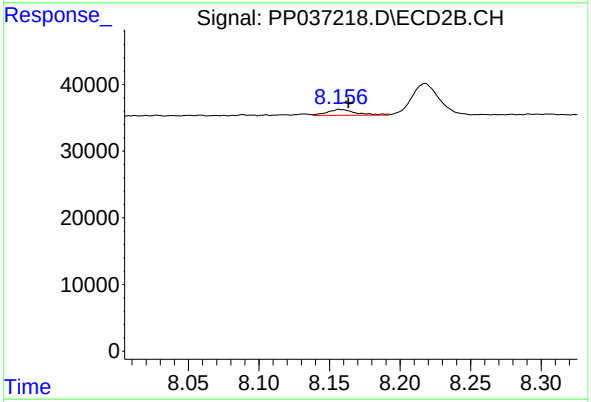
R.T.: 0.000 min
Exp R.T. : 8.724 min
Response: 0
Conc: N.D.




#41 AR-1268-1

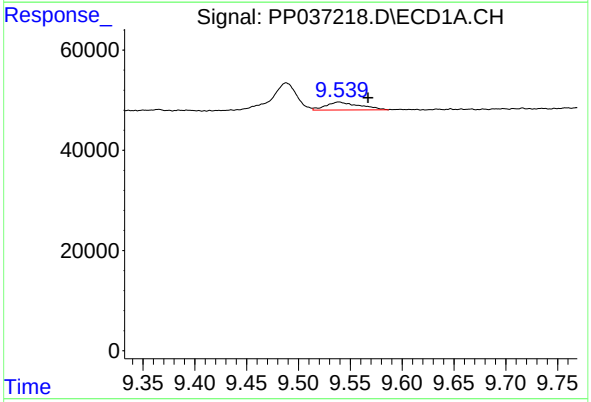
R.T.: 9.488 min
Delta R.T.: 0.018 min
Response: 93328
Conc: 15.37 ng/ml

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



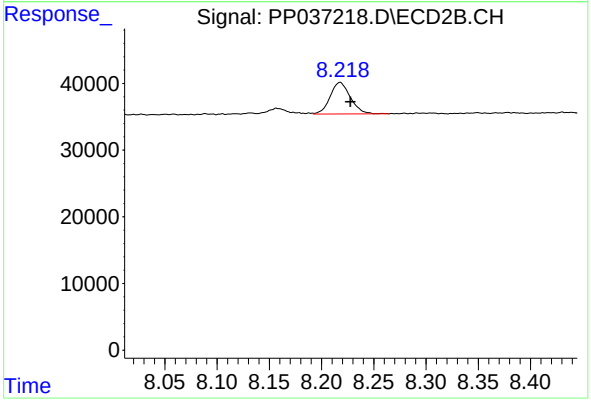

#41 AR-1268-1

R.T.: 8.157 min
Delta R.T.: -0.006 min
Response: 12670
Conc: 3.18 ng/ml



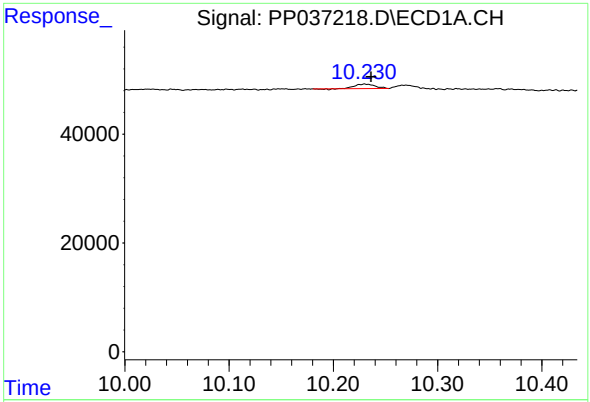

#42 AR-1268-2

R.T.: 9.539 min
Delta R.T.: -0.028 min
Response: 35664
Conc: 6.21 ng/ml




#42 AR-1268-2

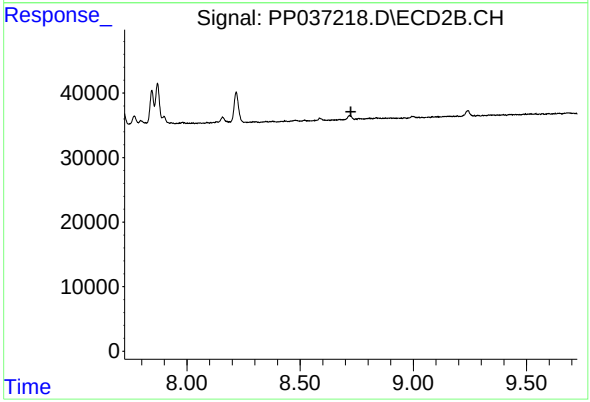
R.T.: 8.218 min
Delta R.T.: -0.010 min
Response: 64032
Conc: 17.30 ng/ml




#44 AR-1268-4

R.T.: 10.230 min
Delta R.T.: -0.006 min
Response: 11194
Conc: 4.89 ng/ml

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




#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.725 min
Response: 0
Conc: N.D.