Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020822\
Data File : PP043540.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 08 Feb 2022 9:57
Operator : AJ\MA
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 00:48:23 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020222.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Feb 03 10:01:05 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 4.867 | 4.026 | 1294440 | 1135246 | 47.166 | 50.125 | |
| 2) | SA Decachlor... | 10.783 | 9.348 | 859364 | 1116161 | 56.021 | 59.042 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 6.168 | 5.289 | 3615 | 11844 | 4.606 | 14.387 | # |
| 4) | L1 AR-1016-2 | 6.168f | 5.309 | 3615 | 9319 | 3.011 | 7.810 | # |
| 6) | L1 AR-1016-4 | 0.000 | 5.553 | 0 | 258580 | N.D. | 509.687 | # |
| 7) | L1 AR-1016-5 | 6.678 | 5.784 | 133577 | 164681 | 237.317 | 254.833 | |
| 9) | L2 AR-1221-2 | 5.213 | 4.381 | 17425 | 18800 | 78.277 | 82.764 | |
| 12) | L3 AR-1232-2 | 0.000 | 5.309 | 0 | 9319 | N.D. | 18.532 | # |
| 13) | L3 AR-1232-3 | 6.168f | 0.000 | 3615 | 0 | 7.379 | N.D. | # |
| 14) | L3 AR-1232-4 | 0.000 | 5.596 | 0 | 81673 | N.D. | 355.247 | # |
| 15) | L3 AR-1232-5 | 6.464 | 5.784 | 226281 | 164681 | 1405.450 | 634.218 | # |
| 16) | L4 AR-1242-1 | 6.168 | 5.289 | 3615 | 11844 | 5.729 | 17.457 | # |
| 17) | L4 AR-1242-2 | 6.168f | 5.309 | 3615 | 9319 | 3.722 | 9.457 | # |
| 19) | L4 AR-1242-4 | 0.000 | 5.596 | 0 | 81673 | N.D. | 161.249 | # |
| 20) | L4 AR-1242-5 | 7.145 | 6.165 | 111041 | 661858 | 252.738 | 1066.338 | # |
| 21) | L5 AR-1248-1 | 6.168 | 5.289 | 3615 | 11844 | 7.506 | 23.676 | # |
| 22) | L5 AR-1248-2 | 6.464 | 5.553 | 226281 | 258580 | 327.251 | 361.207 | |
| 23) | L5 AR-1248-3 | 6.678 | 5.596 | 133577 | 81673 | 166.524 | 109.810 | # |
| 24) | L5 AR-1248-4 | 7.102 | 5.784 | 178092 | 164681 | 230.045 | 183.786 | |
| 25) | L5 AR-1248-5 | 7.145 | 6.207 | 111041 | 89513 | 146.945 | 102.568 | # |
| 26) | L6 AR-1254-1 | 7.075 | 6.165 | 398881 | 661858 | 460.873 | 494.080 | |
| 27) | L6 AR-1254-2 | 7.303 | 6.324 | 592923 | 583136 | 461.989 | 500.178 | |
| 28) | L6 AR-1254-3 | 7.681 | 6.747 | 630496 | 925658 | 491.129 | 502.818 | |
| 29) | L6 AR-1254-4 | 7.974 | 6.987 | 427615 | 570559 | 497.692 | 516.396 | |
| 30) | L6 AR-1254-5 | 8.403 | 7.418 | 473839 | 788113 | 510.436 | 510.521 | |
| 31) | L7 AR-1260-1 | 7.851 | 6.884 | 251348 | 466106 | 278.887 | 408.145 | # |
| 32) | L7 AR-1260-2 | 8.114 | 7.080 | 266977 | 398375 | 263.899 | 291.763 | |
| 33) | L7 AR-1260-3 | 8.463 | 7.235 | 56907 | 373526 | 73.987 | 291.714 | # |
| 34) | L7 AR-1260-4 | 8.694 | 7.721 | 185114 | 40277 | 204.412 | 39.110 | # |
| 35) | L7 AR-1260-5 | 9.024 | 7.969 | 51338 | 91963 | 32.481 | 41.788 | # |
| 36) | L8 AR-1262-1 | 8.463f | 7.418 | 56907 | 788113 | 52.594 | 1013.041 | # |
| 37) | L8 AR-1262-2 | 9.024 | 7.721 | 51338 | 40277 | 30.204 | 30.021 | |
| 38) | L8 AR-1262-3 | 9.345 | 0.000 | 47631 | 0 | 39.386 | N.D. | # |
| 39) | L8 AR-1262-4 | 9.393f | 8.318 | 9494 | 86867 | 18.051 | 46.956 | # |
| 41) | L9 AR-1268-1 | 9.345f | 0.000 | 47631 | 0 | 21.875 | N.D. | # |
| 42) | L9 AR-1268-2 | 9.393f | 8.318 | 9494 | 86867 | 4.561 | 32.000 | # |

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

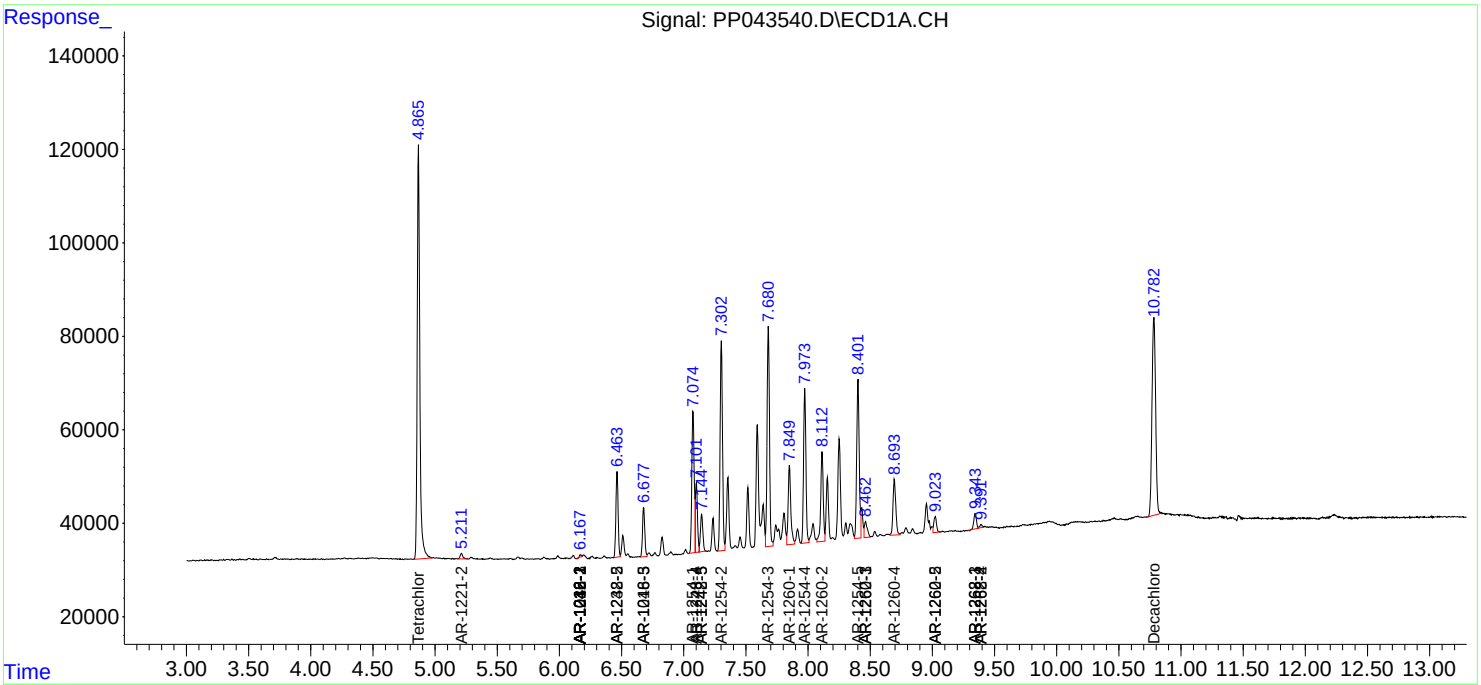
Quantitation Report (Not Reviewed)

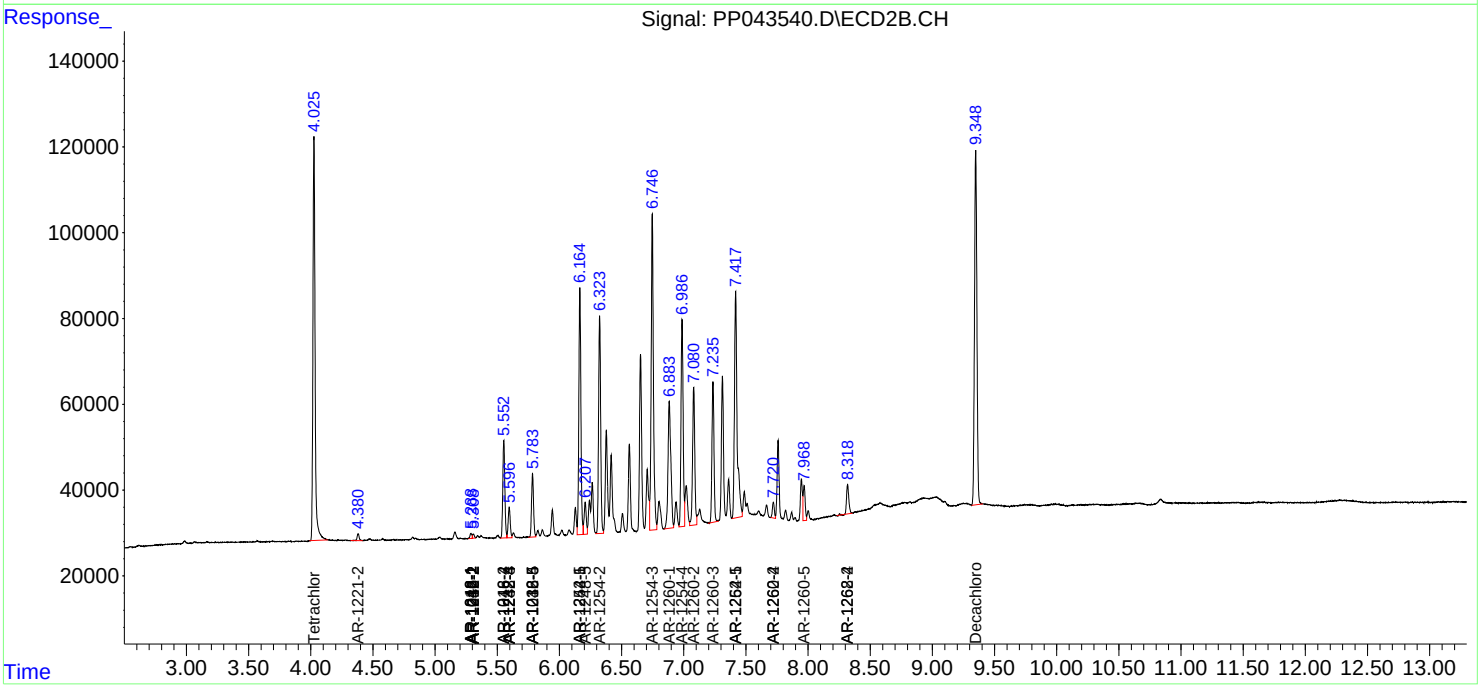
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020822\
Data File : PP043540.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 08 Feb 2022 9:57
Operator : AJ\MA
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

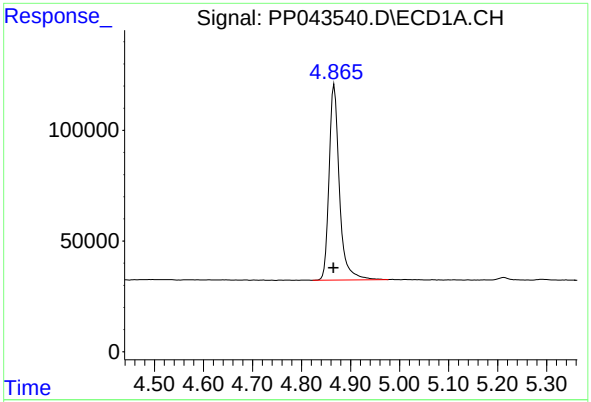
**Instrument :**
ECD_P
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 00:48:23 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020222.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Feb 03 10:01:05 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



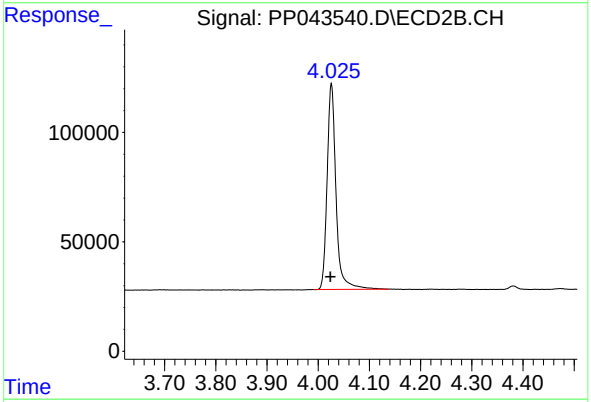






#1 Tetrachloro-m-xylene

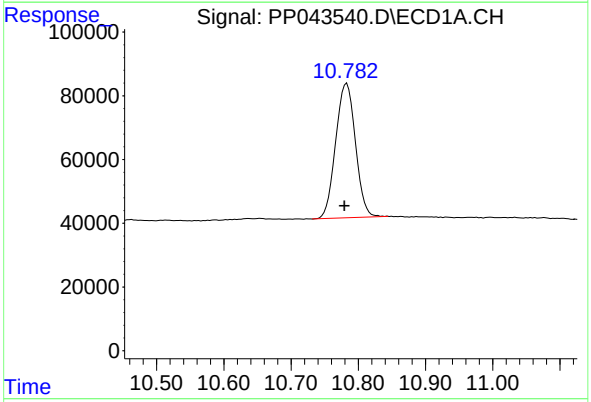
R.T.: 4.867 min
Delta R.T.: 0.002 min
Response: 1294440
Conc: 47.17 ng/ml

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



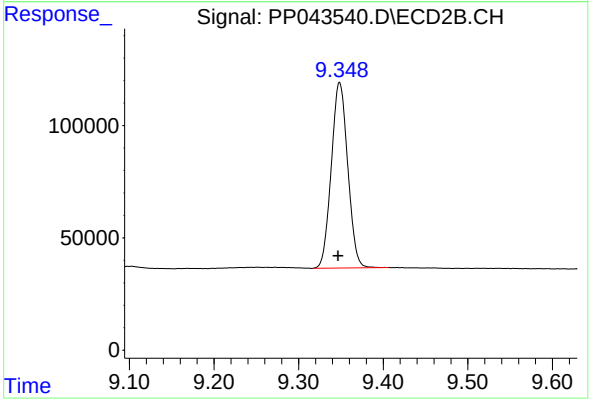

#1 Tetrachloro-m-xylene

R.T.: 4.026 min
Delta R.T.: 0.002 min
Response: 1135246
Conc: 50.12 ng/ml



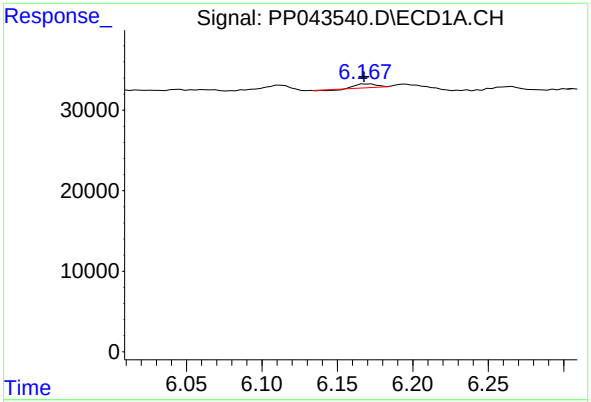

#2 Decachlorobiphenyl

R.T.: 10.783 min
Delta R.T.: 0.003 min
Response: 859364
Conc: 56.02 ng/ml




#2 Decachlorobiphenyl

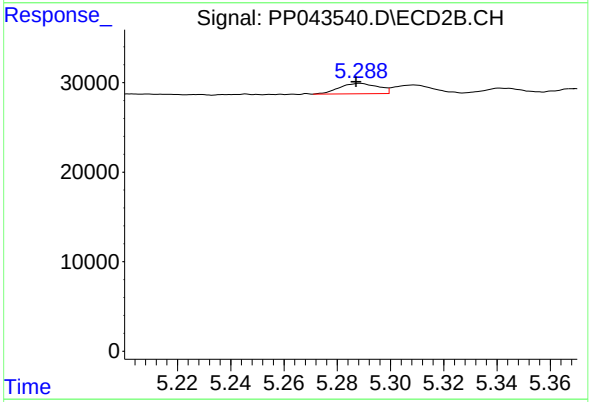
R.T.: 9.348 min
Delta R.T.: 0.002 min
Response: 1116161
Conc: 59.04 ng/ml




#3 AR-1016-1

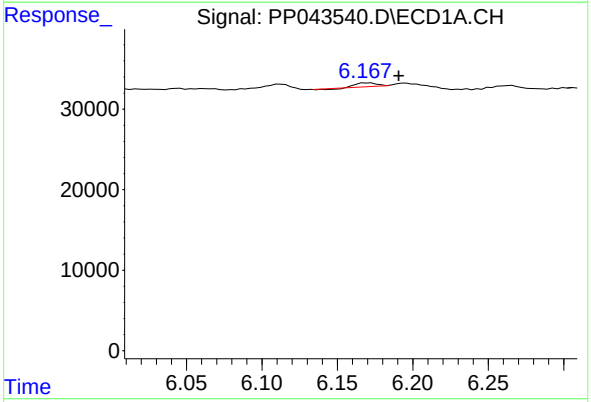
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 3615
Conc: 4.61 ng/ml

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



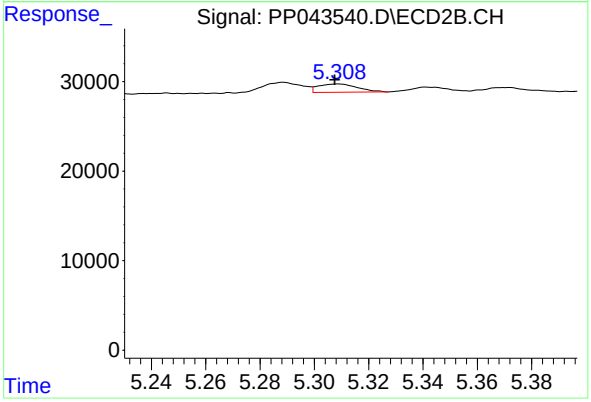

#3 AR-1016-1

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 11844
Conc: 14.39 ng/ml



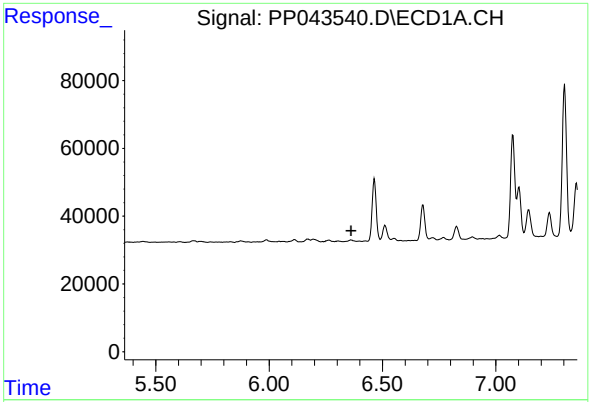

#4 AR-1016-2

R.T.: 6.168 min
Delta R.T.: -0.022 min
Response: 3615
Conc: 3.01 ng/ml




#4 AR-1016-2

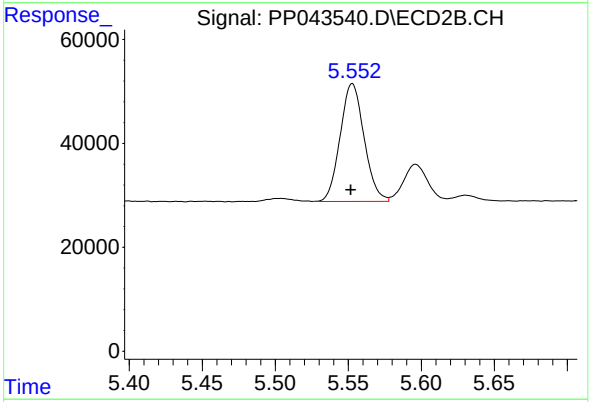
R.T.: 5.309 min
Delta R.T.: 0.001 min
Response: 9319
Conc: 7.81 ng/ml




#6 AR-1016-4

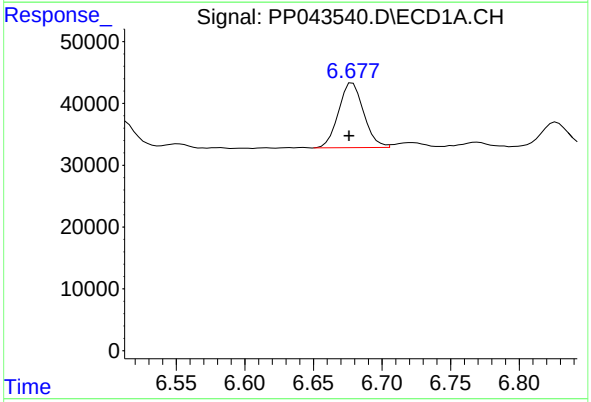
R.T.: 0.000 min
Exp R.T. : 6.361 min
Response: 0
Conc: N.D.

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



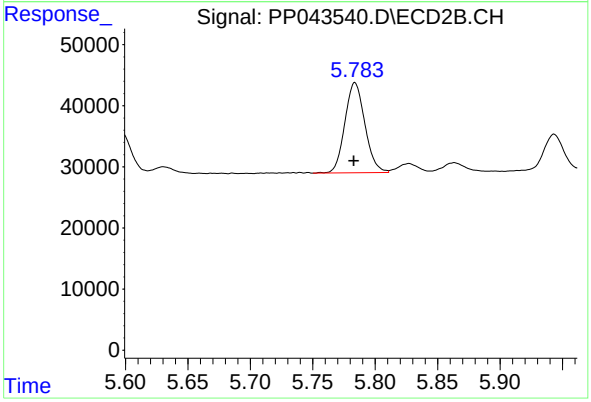

#6 AR-1016-4

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 258580
Conc: 509.69 ng/ml



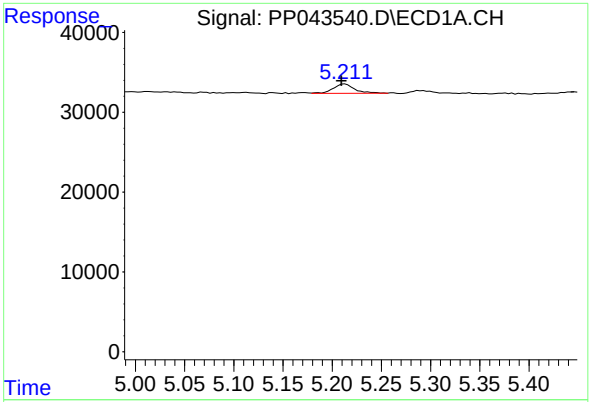

#7 AR-1016-5

R.T.: 6.678 min
Delta R.T.: 0.003 min
Response: 133577
Conc: 237.32 ng/ml




#7 AR-1016-5

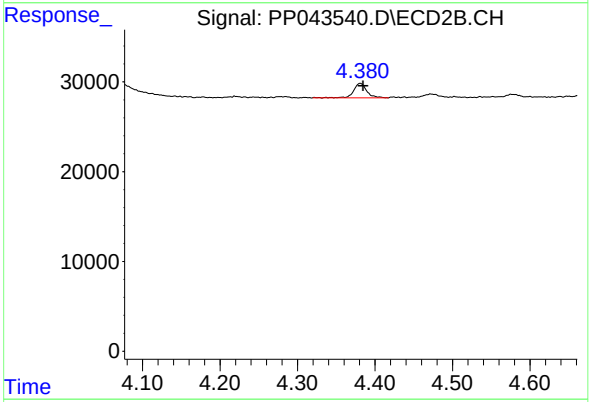
R.T.: 5.784 min
Delta R.T.: 0.001 min
Response: 164681
Conc: 254.83 ng/ml




#9 AR-1221-2

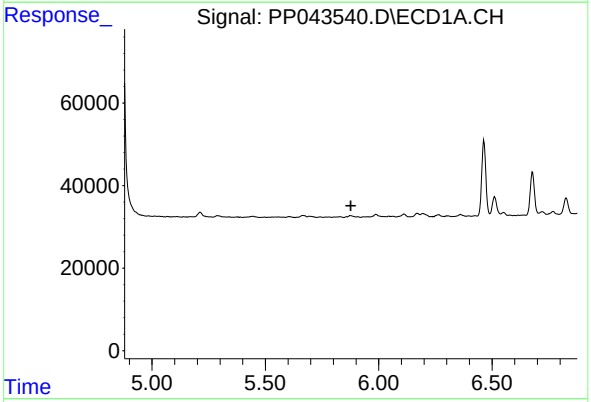
R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 17425
Conc: 78.28 ng/ml

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



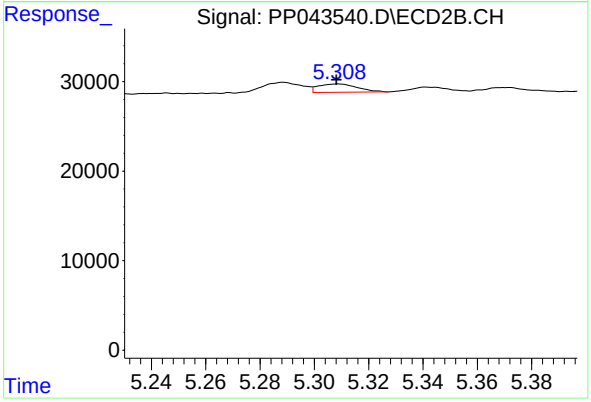

#9 AR-1221-2

R.T.: 4.381 min
Delta R.T.: -0.004 min
Response: 18800
Conc: 82.76 ng/ml



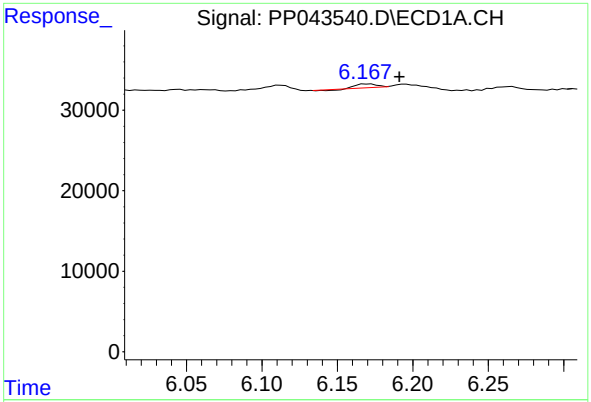

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.877 min
Response: 0
Conc: N.D.




#12 AR-1232-2

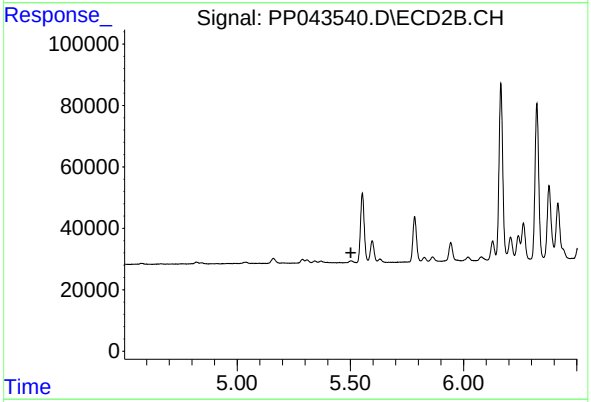
R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 9319
Conc: 18.53 ng/ml




#13 AR-1232-3

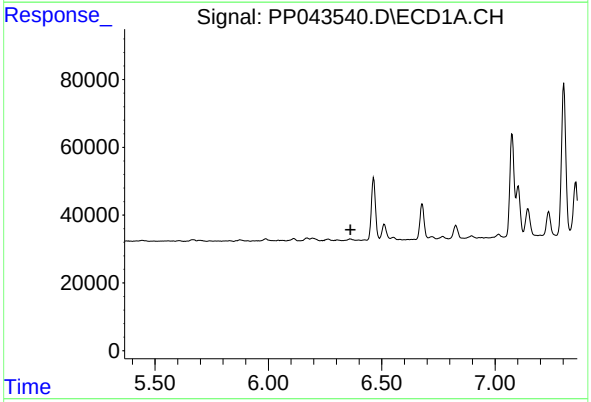
R.T.: 6.168 min
Delta R.T.: -0.023 min
Response: 3615
Conc: 7.38 ng/ml

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



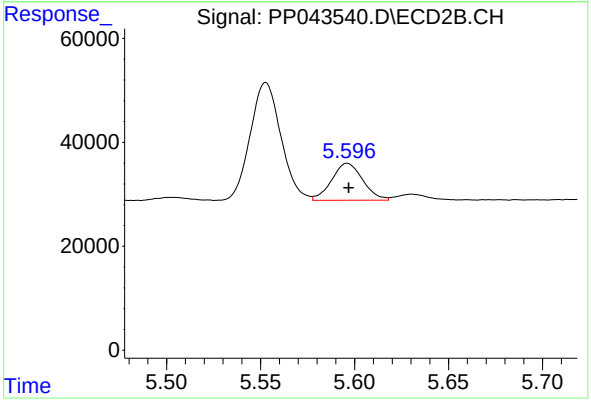

#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.502 min
Response: 0
Conc: N.D.



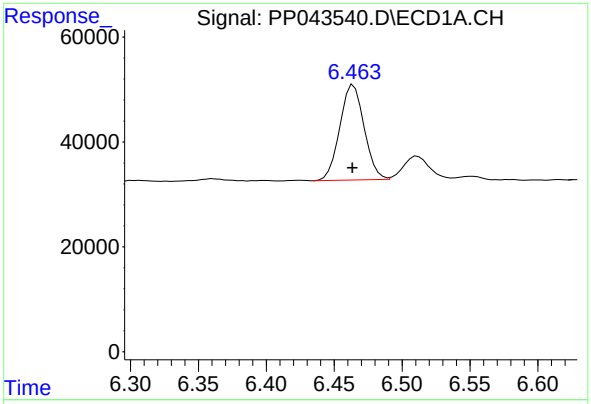

#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.363 min
Response: 0
Conc: N.D.




#14 AR-1232-4

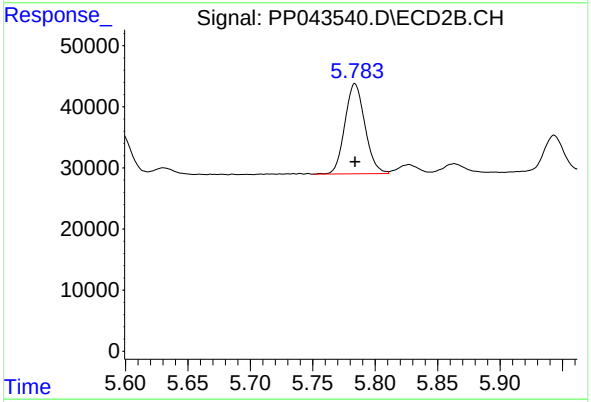
R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 81673
Conc: 355.25 ng/ml




#15 AR-1232-5

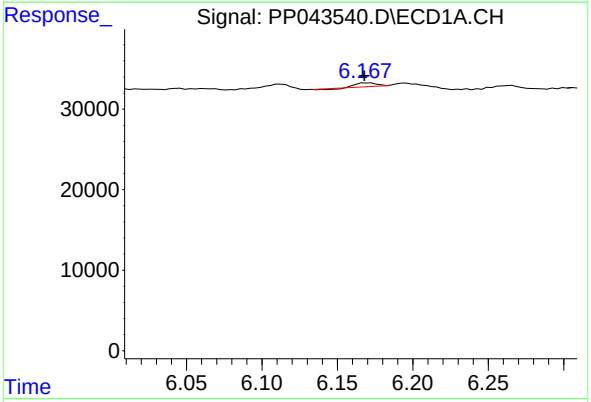
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 226281
Conc: 1405.45 ng/m

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



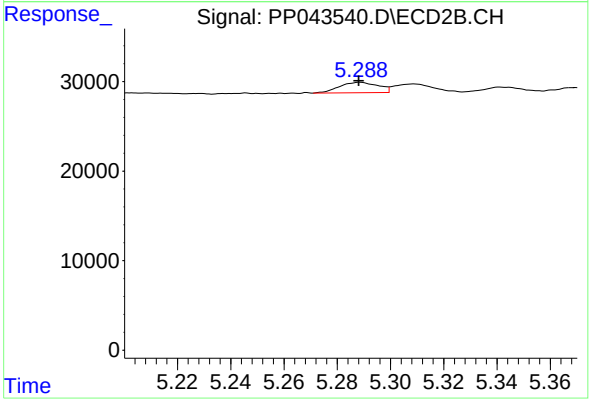

#15 AR-1232-5

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 164681
Conc: 634.22 ng/ml



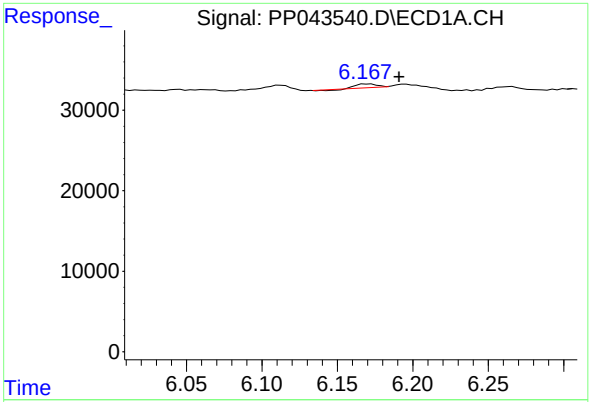

#16 AR-1242-1

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 3615
Conc: 5.73 ng/ml




#16 AR-1242-1

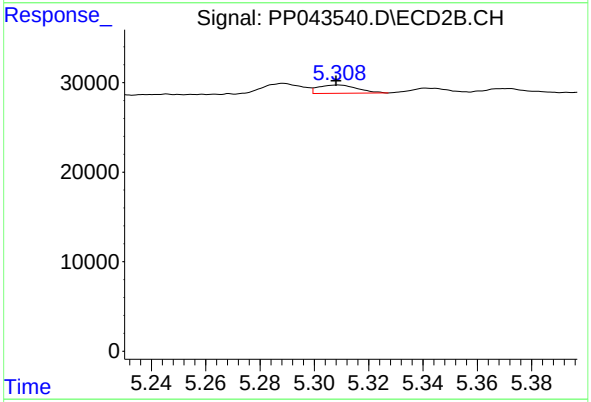
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 11844
Conc: 17.46 ng/ml




#17 AR-1242-2

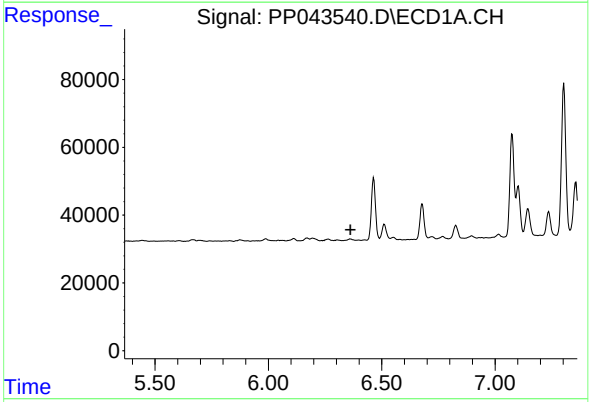
R.T.: 6.168 min
Delta R.T.: -0.023 min
Response: 3615
Conc: 3.72 ng/ml

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



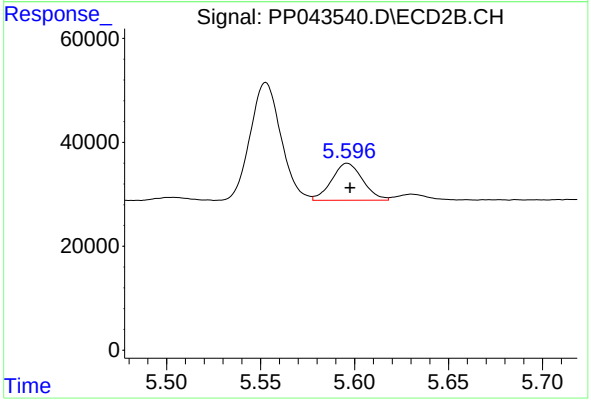

#17 AR-1242-2

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 9319
Conc: 9.46 ng/ml



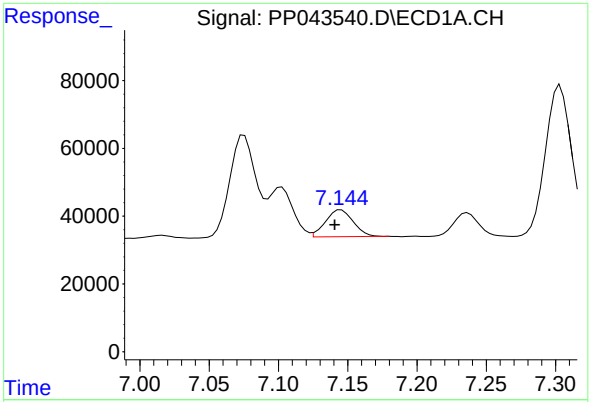

#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.362 min
Response: 0
Conc: N.D.




#19 AR-1242-4

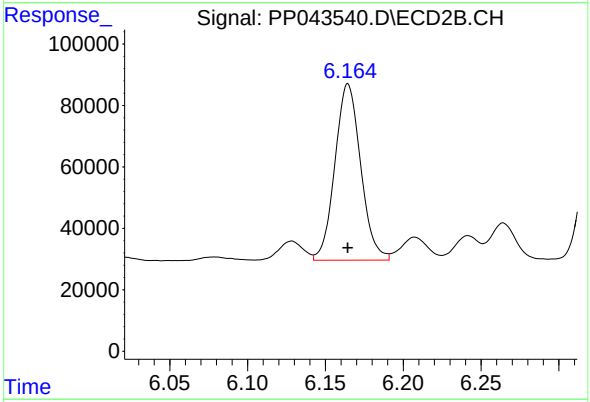
R.T.: 5.596 min
Delta R.T.: -0.001 min
Response: 81673
Conc: 161.25 ng/ml




#20 AR-1242-5

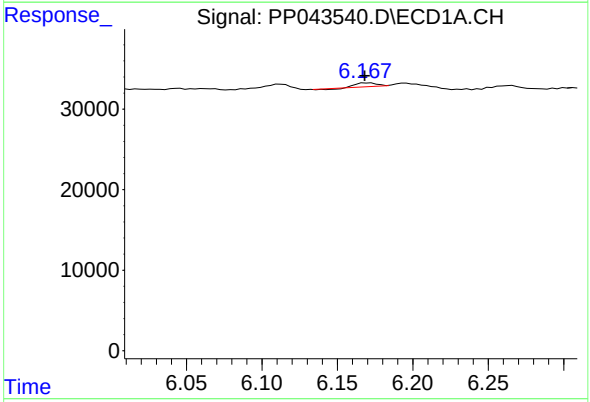
R.T.: 7.145 min
Delta R.T.: 0.005 min
Response: 111041
Conc: 252.74 ng/ml

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



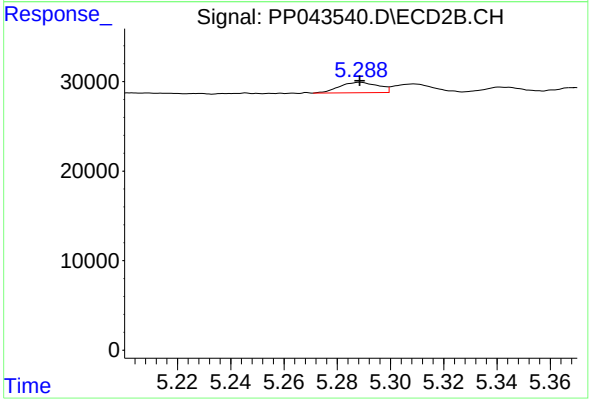

#20 AR-1242-5

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 661858
Conc: 1066.34 ng/ml



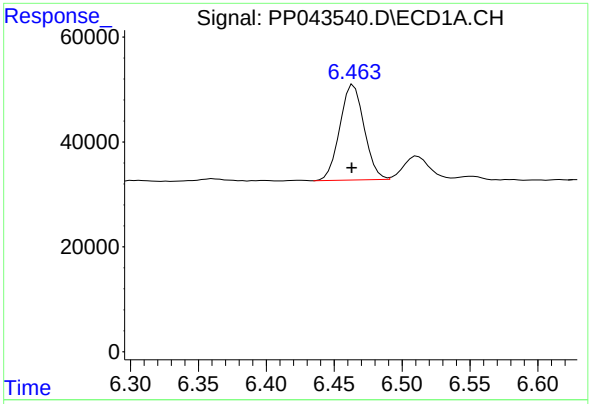

#21 AR-1248-1

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 3615
Conc: 7.51 ng/ml




#21 AR-1248-1

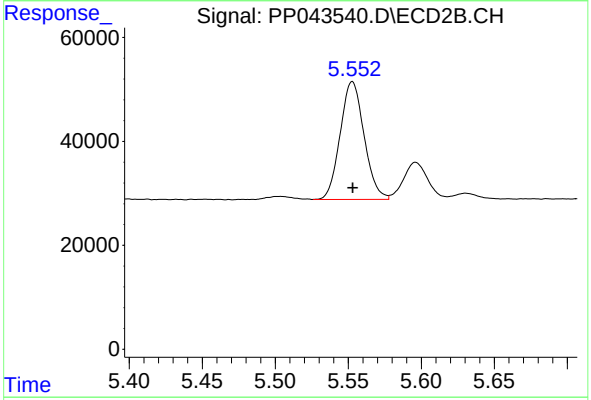
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 11844
Conc: 23.68 ng/ml




#22 AR-1248-2

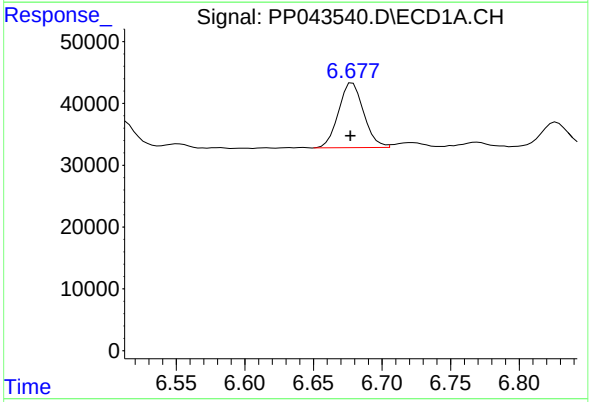
R.T.: 6.464 min
Delta R.T.: 0.001 min
Response: 226281
Conc: 327.25 ng/ml

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



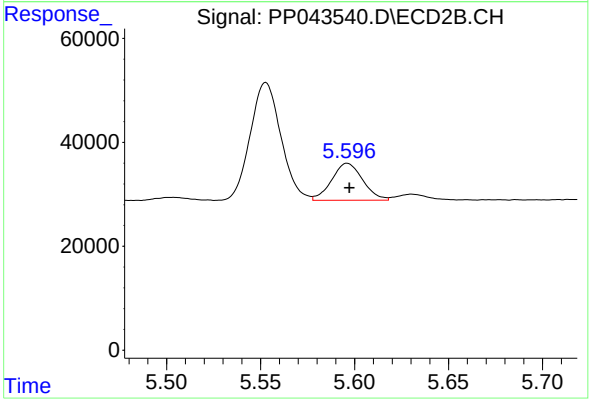

#22 AR-1248-2

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 258580
Conc: 361.21 ng/ml



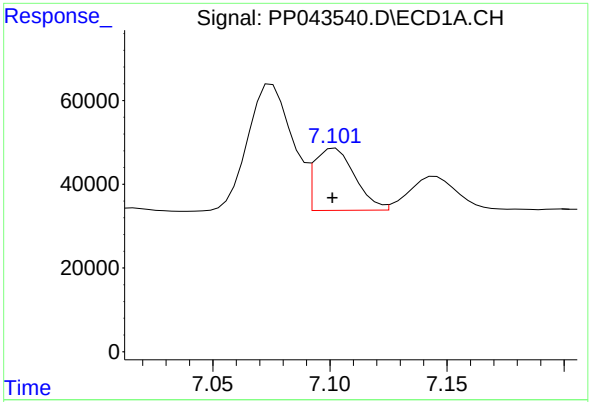

#23 AR-1248-3

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 133577
Conc: 166.52 ng/ml




#23 AR-1248-3

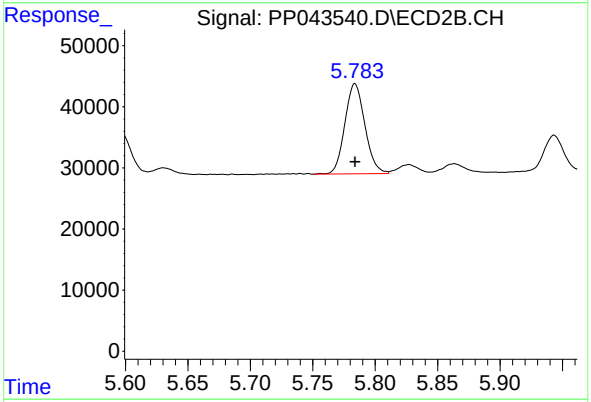
R.T.: 5.596 min
Delta R.T.: -0.001 min
Response: 81673
Conc: 109.81 ng/ml




#24 AR-1248-4

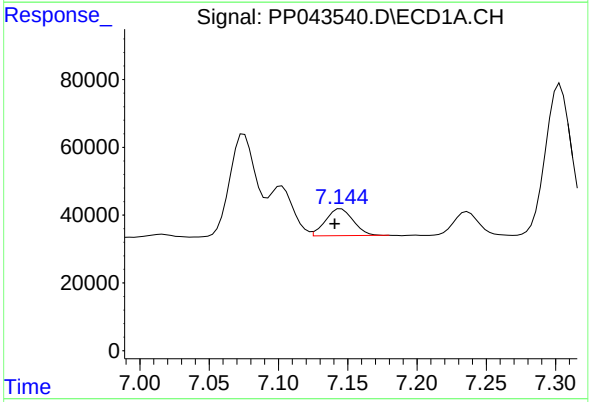
R.T.: 7.102 min
Delta R.T.: 0.001 min
Response: 178092
Conc: 230.05 ng/ml

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



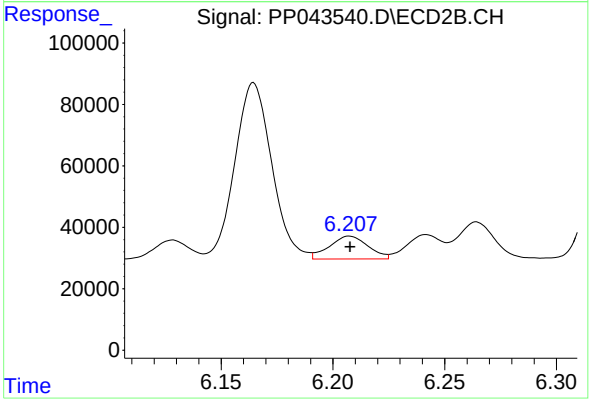

#24 AR-1248-4

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 164681
Conc: 183.79 ng/ml



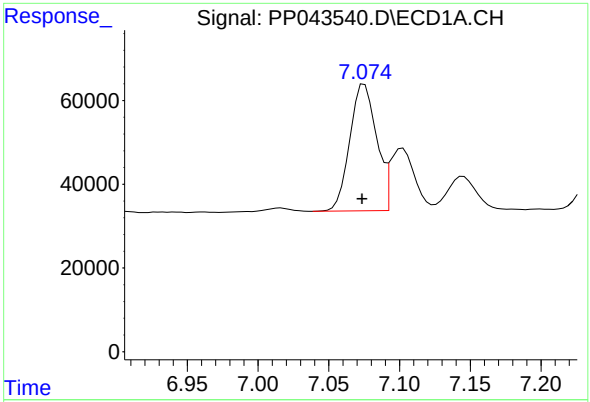

#25 AR-1248-5

R.T.: 7.145 min
Delta R.T.: 0.005 min
Response: 111041
Conc: 146.94 ng/ml




#25 AR-1248-5

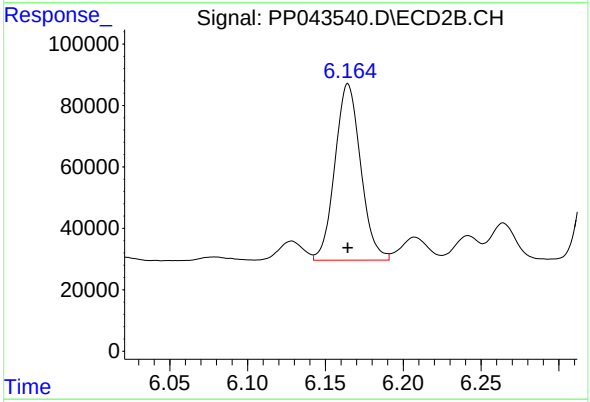
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 89513
Conc: 102.57 ng/ml




#26 AR-1254-1

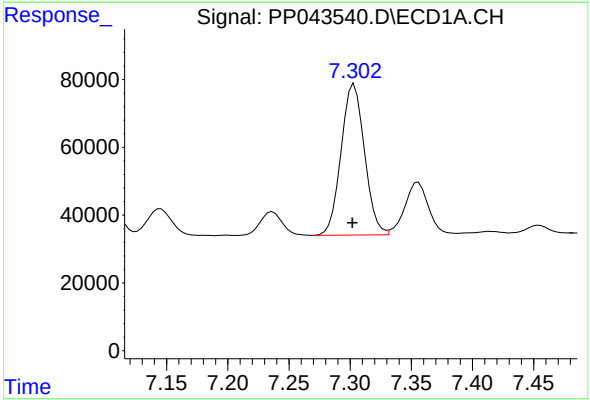
R.T.: 7.075 min
Delta R.T.: 0.002 min
Response: 398881
Conc: 460.87 ng/ml

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



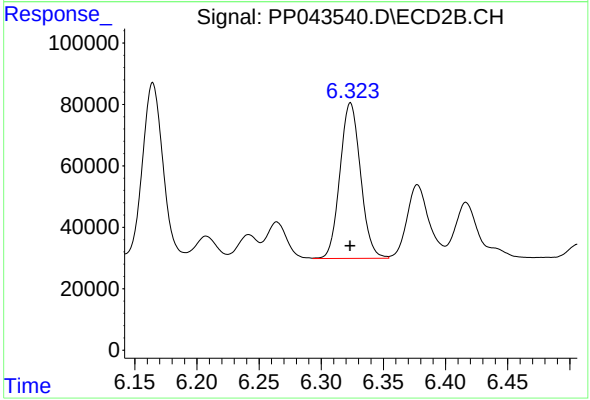

#26 AR-1254-1

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 661858
Conc: 494.08 ng/ml



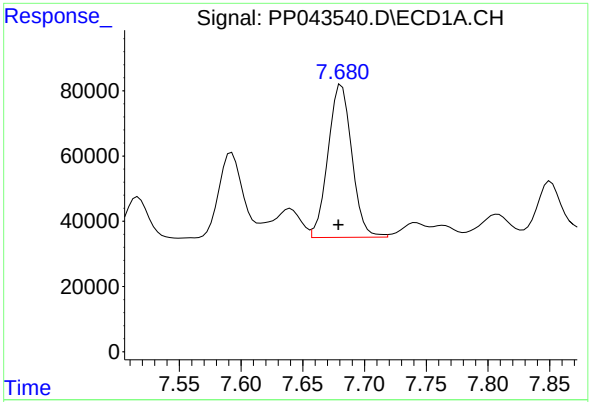

#27 AR-1254-2

R.T.: 7.303 min
Delta R.T.: 0.002 min
Response: 592923
Conc: 461.99 ng/ml




#27 AR-1254-2

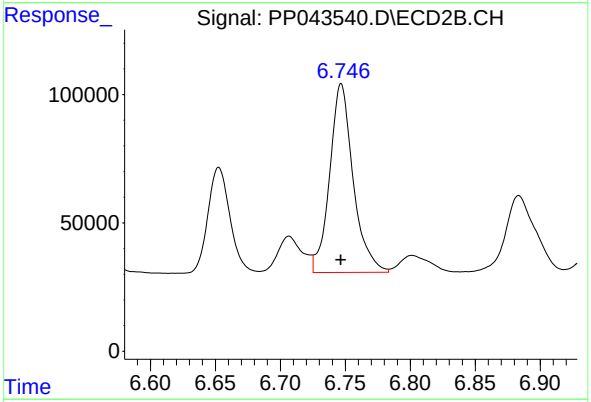
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 583136
Conc: 500.18 ng/ml




#28 AR-1254-3

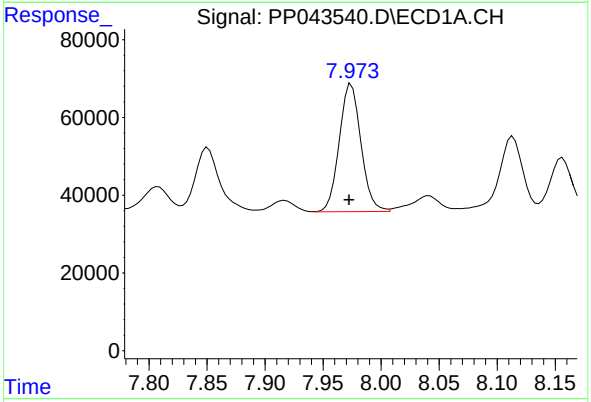
R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 630496
Conc: 491.13 ng/ml

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



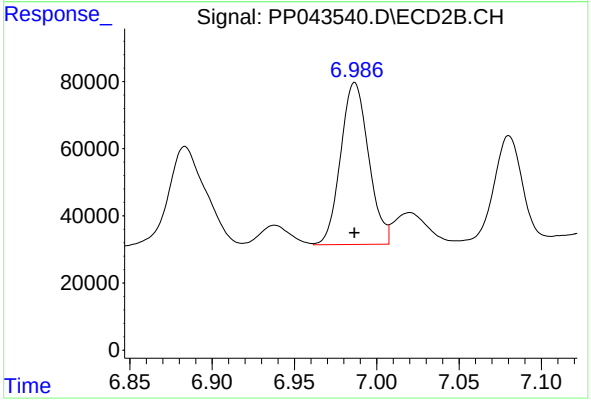

#28 AR-1254-3

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 925658
Conc: 502.82 ng/ml



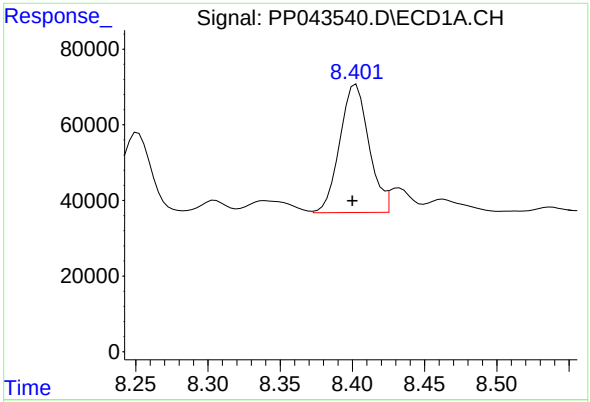

#29 AR-1254-4

R.T.: 7.974 min
Delta R.T.: 0.002 min
Response: 427615
Conc: 497.69 ng/ml




#29 AR-1254-4

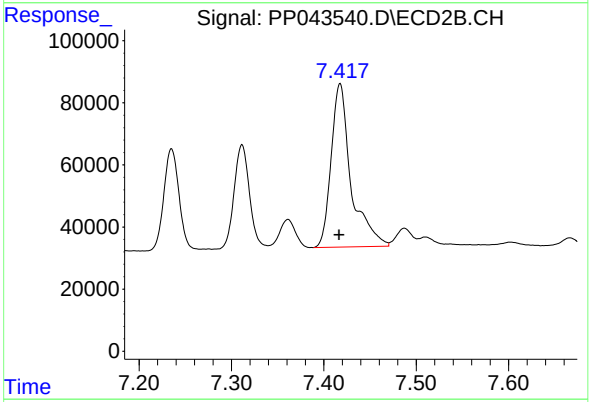
R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 570559
Conc: 516.40 ng/ml




#30 AR-1254-5

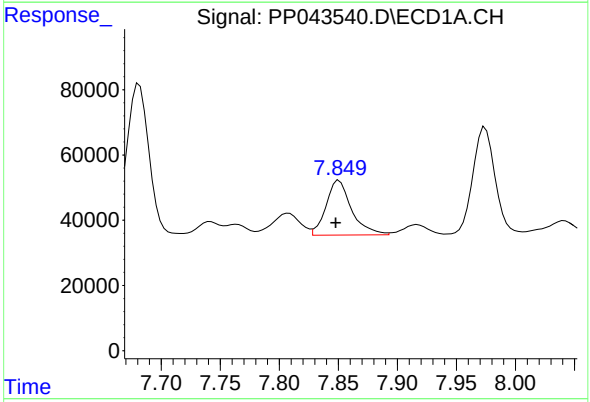
R.T.: 8.403 min
Delta R.T.: 0.003 min
Response: 473839
Conc: 510.44 ng/ml

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



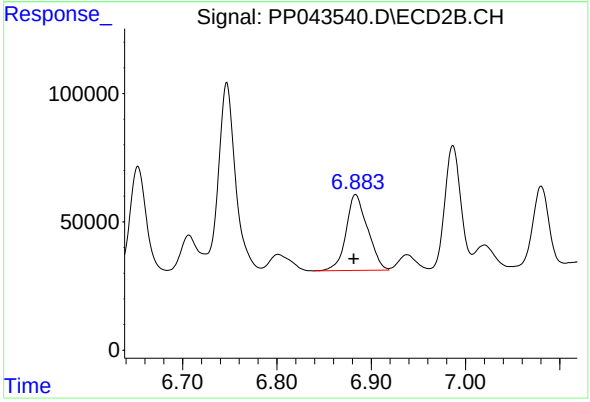

#30 AR-1254-5

R.T.: 7.418 min
Delta R.T.: 0.001 min
Response: 788113
Conc: 510.52 ng/ml



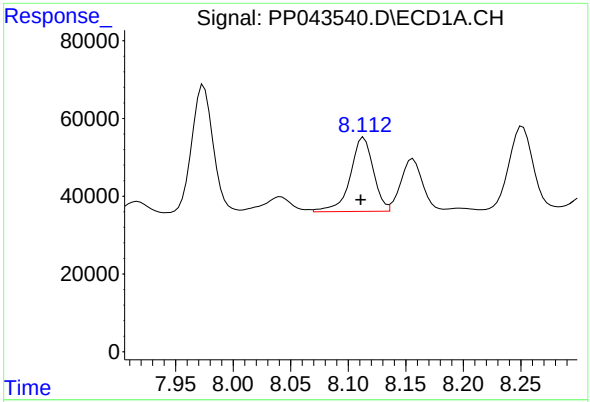

#31 AR-1260-1

R.T.: 7.851 min
Delta R.T.: 0.003 min
Response: 251348
Conc: 278.89 ng/ml




#31 AR-1260-1

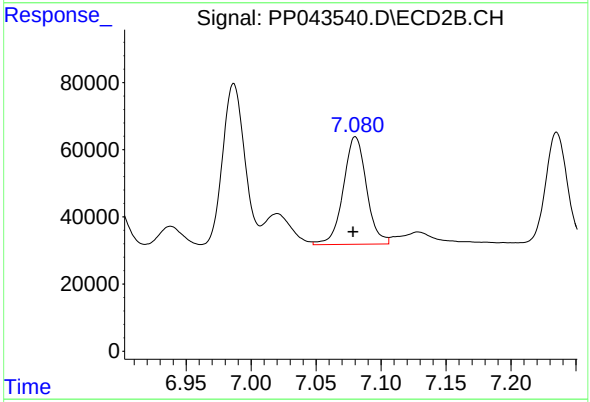
R.T.: 6.884 min
Delta R.T.: 0.002 min
Response: 466106
Conc: 408.15 ng/ml




#32 AR-1260-2

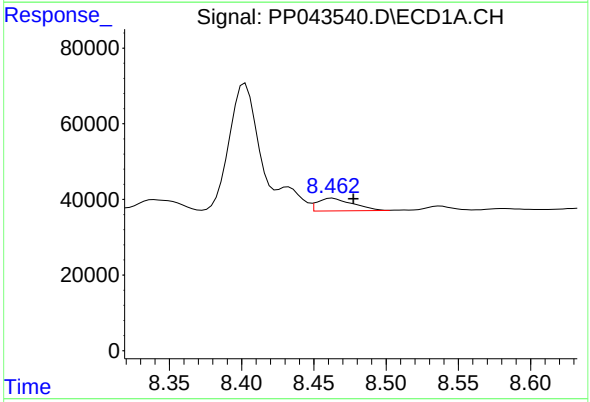
R.T.: 8.114 min
Delta R.T.: 0.003 min
Response: 266977
Conc: 263.90 ng/ml

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



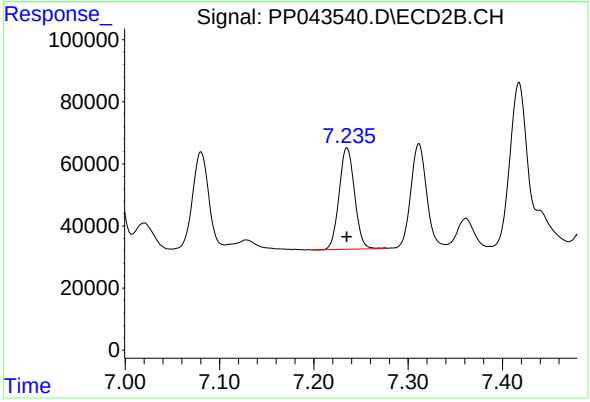

#32 AR-1260-2

R.T.: 7.080 min
Delta R.T.: 0.002 min
Response: 398375
Conc: 291.76 ng/ml



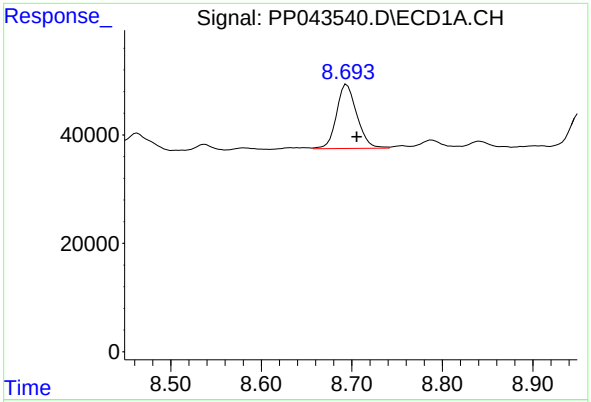

#33 AR-1260-3

R.T.: 8.463 min
Delta R.T.: -0.014 min
Response: 56907
Conc: 73.99 ng/ml




#33 AR-1260-3

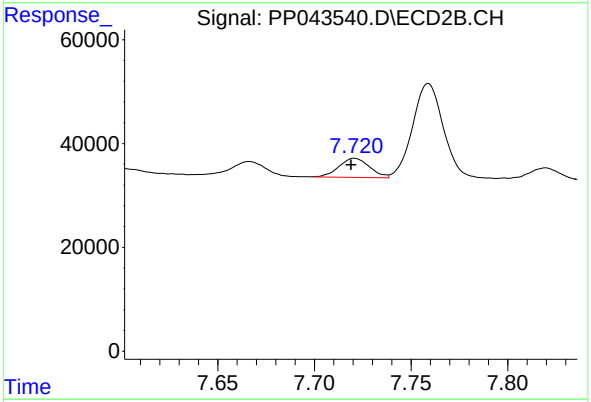
R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 373526
Conc: 291.71 ng/ml




#34 AR-1260-4

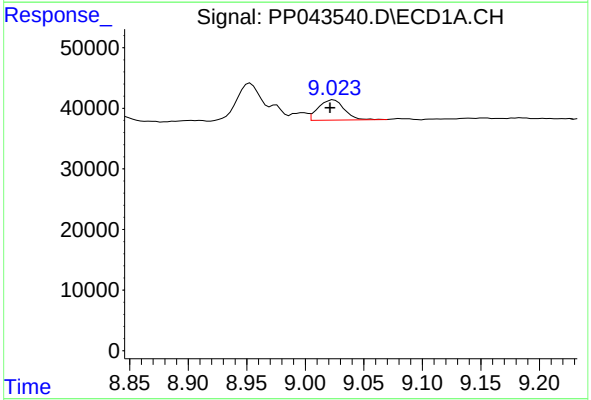
R.T.: 8.694 min
Delta R.T.: -0.011 min
Response: 185114
Conc: 204.41 ng/ml

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



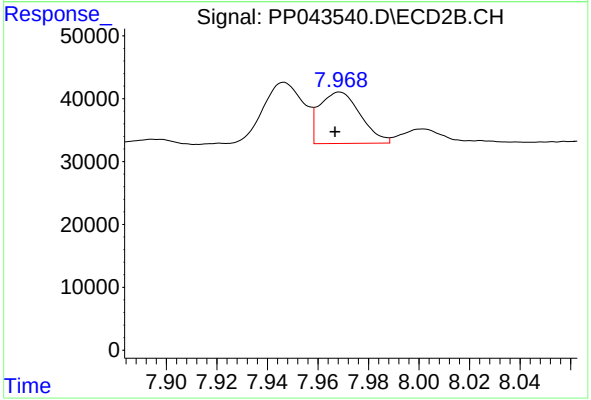

#34 AR-1260-4

R.T.: 7.721 min
Delta R.T.: 0.002 min
Response: 40277
Conc: 39.11 ng/ml



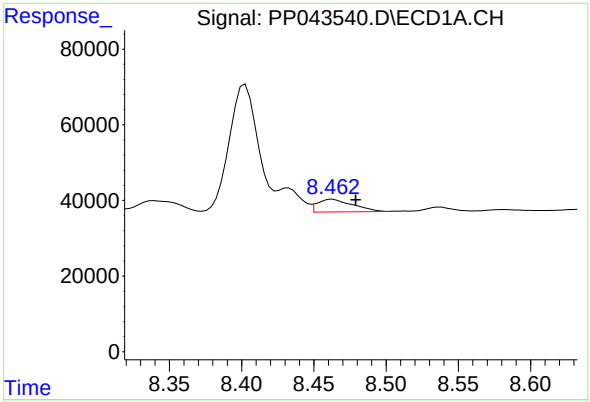

#35 AR-1260-5

R.T.: 9.024 min
Delta R.T.: 0.003 min
Response: 51338
Conc: 32.48 ng/ml




#35 AR-1260-5

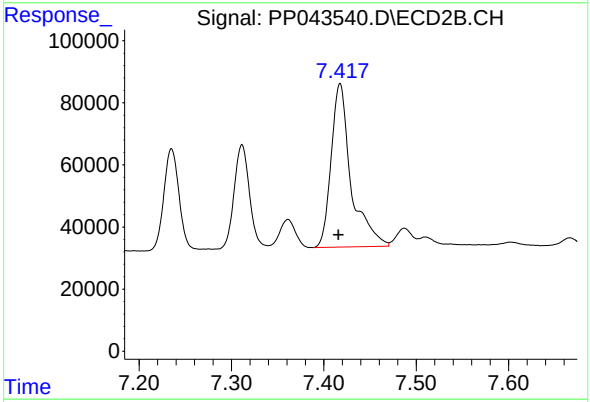
R.T.: 7.969 min
Delta R.T.: 0.002 min
Response: 91963
Conc: 41.79 ng/ml




#36 AR-1262-1

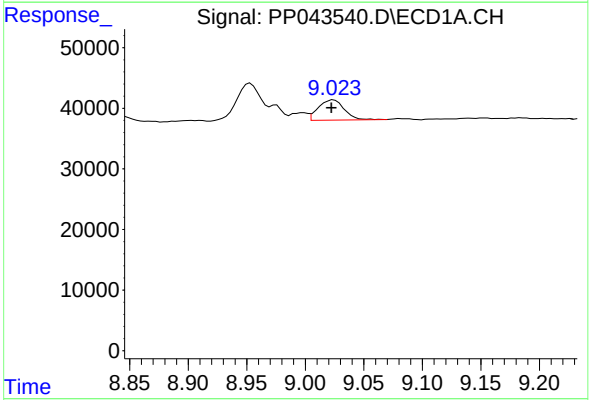
R.T.: 8.463 min
Delta R.T.: -0.016 min
Response: 56907
Conc: 52.59 ng/ml

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



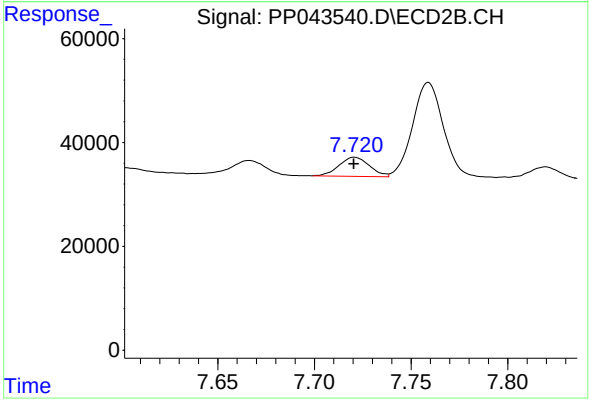

#36 AR-1262-1

R.T.: 7.418 min
Delta R.T.: 0.002 min
Response: 788113
Conc: 1013.04 ng/ml



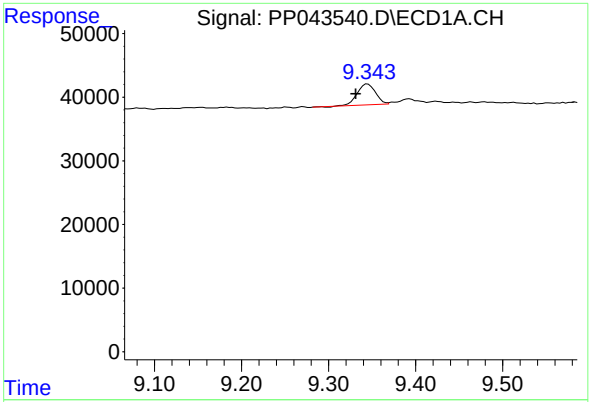

#37 AR-1262-2

R.T.: 9.024 min
Delta R.T.: 0.002 min
Response: 51338
Conc: 30.20 ng/ml




#37 AR-1262-2

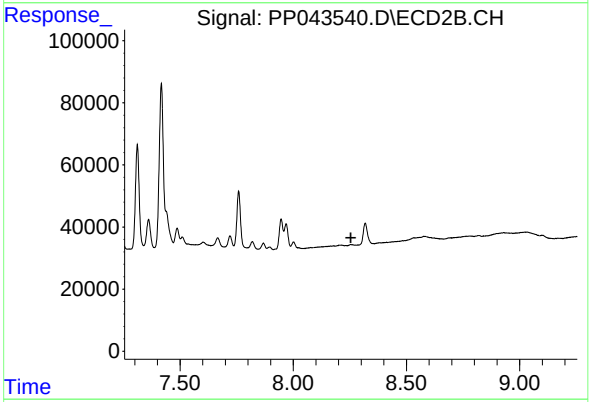
R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 40277
Conc: 30.02 ng/ml




#38 AR-1262-3

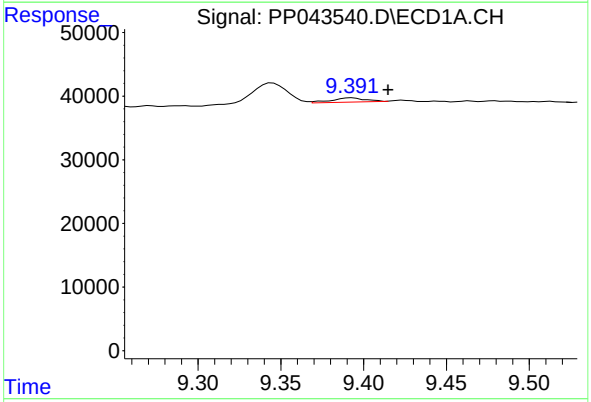
R.T.: 9.345 min
Delta R.T.: 0.014 min
Response: 47631
Conc: 39.39 ng/ml

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



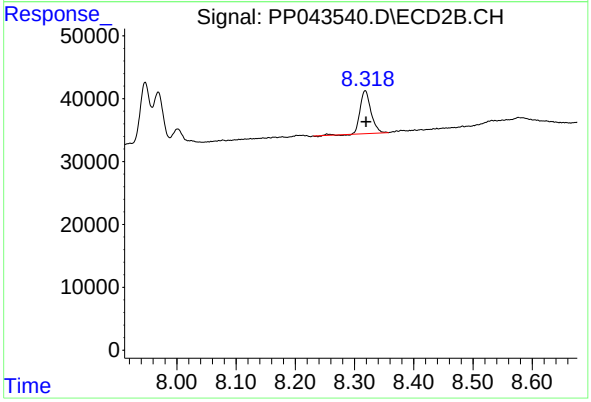

#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.254 min
Response: 0
Conc: N.D.



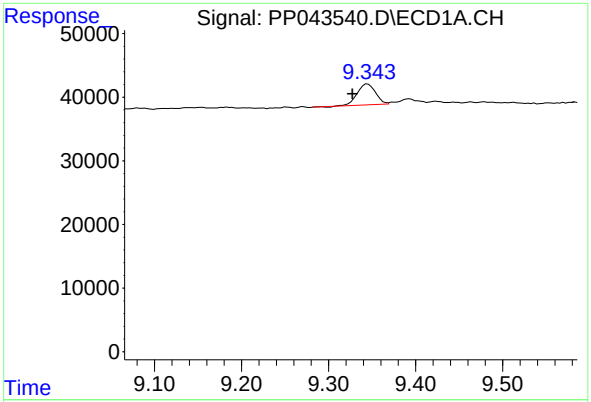

#39 AR-1262-4

R.T.: 9.393 min
Delta R.T.: -0.022 min
Response: 9494
Conc: 18.05 ng/ml




#39 AR-1262-4

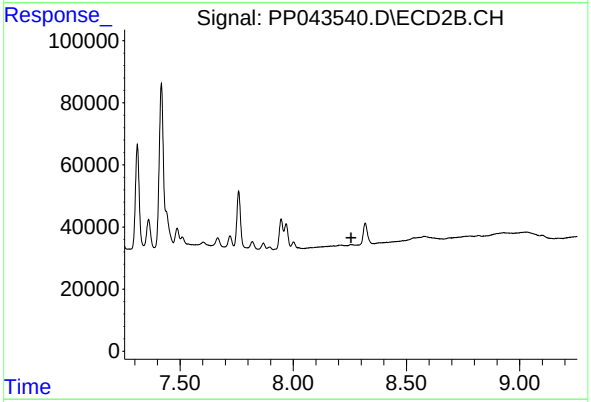
R.T.: 8.318 min
Delta R.T.: -0.002 min
Response: 86867
Conc: 46.96 ng/ml




#41 AR-1268-1

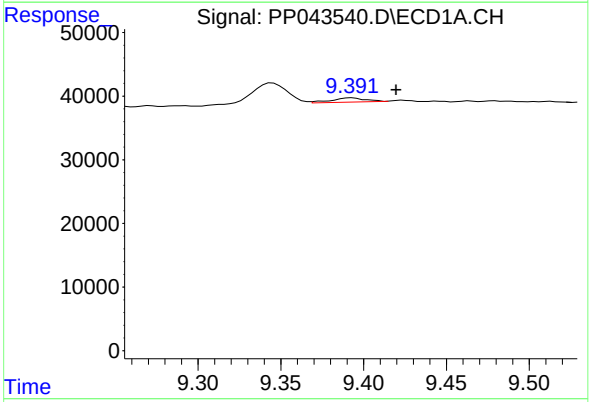
R.T.: 9.345 min
Delta R.T.: 0.017 min
Response: 47631
Conc: 21.87 ng/ml

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



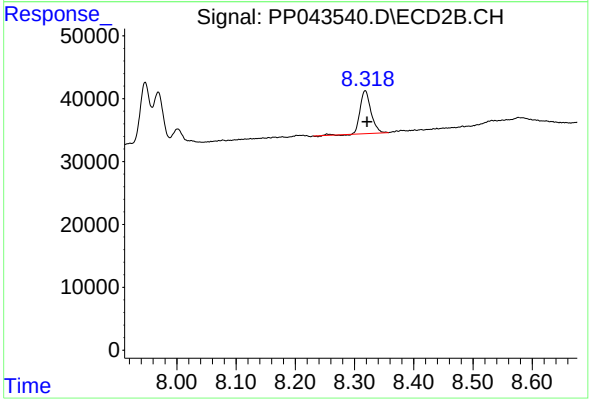

#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.255 min
Response: 0
Conc: N.D.




#42 AR-1268-2

R.T.: 9.393 min
Delta R.T.: -0.027 min
Response: 9494
Conc: 4.56 ng/ml




#42 AR-1268-2

R.T.: 8.318 min
Delta R.T.: -0.003 min
Response: 86867
Conc: 32.00 ng/ml