Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041521\
Data File : PP034907.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Apr 2021 13:43
Operator : DD\AJ
Sample : M2036-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 16:30:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP033021.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 31 06:02:19 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | **System Monitoring Compounds** | | | | | | | |
| 1) | SA Tetrachlo... | 4.844 | 4.259 | 1879349 | 1194888 | 24.636 | 26.599 | |
| 2) | SA Decachlor... | 10.759 | 9.554 | 1612740 | 647371 | 20.950 | 22.927 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 0.000 | 5.532f | 0 | 4599 | N.D. | 3.876 | # |
| 4) | L1 AR-1016-2 | 0.000 | 5.532 | 0 | 4599 | N.D. | 2.590 | # |
| 5) | L1 AR-1016-3 | 0.000 | 5.736 | 0 | 6062 | N.D. | 6.487 | # |
| 7) | L1 AR-1016-5 | 0.000 | 5.987f | 0 | 10616 | N.D. | 11.607 | # |
| 8) | L2 AR-1221-1 | 5.093 | 0.000 | 115080 | 0 | 157.424 | N.D. | # |
| 9) | L2 AR-1221-2 | 0.000 | 4.608 | 0 | 39491 | N.D. | 113.196 | # |
| 10) | L2 AR-1221-3 | 0.000 | 4.701 | 0 | 8502 | N.D. | 8.104 | # |
| 11) | L3 AR-1232-1 | 0.000 | 4.701 | 0 | 8502 | N.D. | 10.064 | # |
| 12) | L3 AR-1232-2 | 0.000 | 5.532 | 0 | 4599 | N.D. | 6.110 | # |
| 13) | L3 AR-1232-3 | 0.000 | 5.736 | 0 | 6062 | N.D. | 15.271 | # |
| 15) | L3 AR-1232-5 | 0.000 | 5.987f | 0 | 10616 | N.D. | 29.866 | # |
| 16) | L4 AR-1242-1 | 0.000 | 5.532f | 0 | 4599 | N.D. | 4.908 | # |
| 17) | L4 AR-1242-2 | 0.000 | 5.532 | 0 | 4599 | N.D. | 3.235 | # |
| 18) | L4 AR-1242-3 | 0.000 | 5.736 | 0 | 6062 | N.D. | 8.118 | # |
| 20) | L4 AR-1242-5 | 0.000 | 6.376 | 0 | 16440 | N.D. | 20.049 | # |
| 21) | L5 AR-1248-1 | 0.000 | 5.532f | 0 | 4599 | N.D. | 6.303 | # |
| 24) | L5 AR-1248-4 | 0.000 | 5.987f | 0 | 10616 | N.D. | 8.411 | # |
| 25) | L5 AR-1248-5 | 0.000 | 6.429 | 0 | 3770 | N.D. | 3.336 | # |
| 26) | L6 AR-1254-1 | 0.000 | 6.376 | 0 | 16440 | N.D. | 8.911 | # |
| 27) | L6 AR-1254-2 | 7.295 | 6.534 | 22005 | 16831 | 5.175 | 10.520 | # |
| 28) | L6 AR-1254-3 | 7.669 | 6.952 | 50722 | 47976 | 11.113 | 19.223 | # |
| 29) | L6 AR-1254-4 | 0.000 | 7.189 | 0 | 9975 | N.D. | 7.588 | # |
| 30) | L6 AR-1254-5 | 8.391 | 7.612 | 83893 | 94833 | 23.606 | 46.660 | # |
| 31) | L7 AR-1260-1 | 7.835 | 7.086 | 32834 | 35525 | 10.577 | 23.133 | # |
| 32) | L7 AR-1260-2 | 8.099 | 7.281 | 89141 | 53406 | 23.737 | 29.565 | |
| 33) | L7 AR-1260-3 | 8.466 | 7.435 | 47609 | 27591 | 15.750 | 15.903 | |
| 34) | L7 AR-1260-4 | 8.691 | 7.914 | 161436 | 21381 | 46.240 | 14.912 | # |
| 35) | L7 AR-1260-5 | 9.014 | 8.157 | 95164 | 40288 | 13.288 | 11.794 | |
| 36) | L8 AR-1262-1 | 8.466 | 7.612 | 47609 | 94833 | 10.405 | 88.299 | # |
| 37) | L8 AR-1262-2 | 9.014 | 8.157 | 95164 | 40288 | 12.197 | 11.742 | |
| 38) | L8 AR-1262-3 | 9.336f | 8.445 | 73093 | 17809 | 13.582 | 11.885 | |
| 39) | L8 AR-1262-4 | 9.390f | 8.505 | 83482 | 36632 | 18.799 | 13.301 | # |
| 40) | L8 AR-1262-5 | 0.000 | 9.004 | 0 | 21948 | N.D. | 19.341 | # |
| 41) | L9 AR-1268-1 | 9.336f | 8.445 | 73093 | 17809 | 7.301 | 4.122 | # |
| 42) | L9 AR-1268-2 | 9.390f | 8.505 | 83482 | 36632 | 8.728 | 8.850 | |
| 44) | L9 AR-1268-4 | 0.000 | 9.004 | 0 | 21948 | N.D. | 17.037 | # |
| 45) | L9 AR-1268-5 | 10.444 | 9.297 | 51142 | 16368 | 1.791 | 1.576 | |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041521\
Data File : PP034907.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Apr 2021 13:43
Operator : DD\AJ
Sample : M2036-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 16:30:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP033021.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 31 06:02:19 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|

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

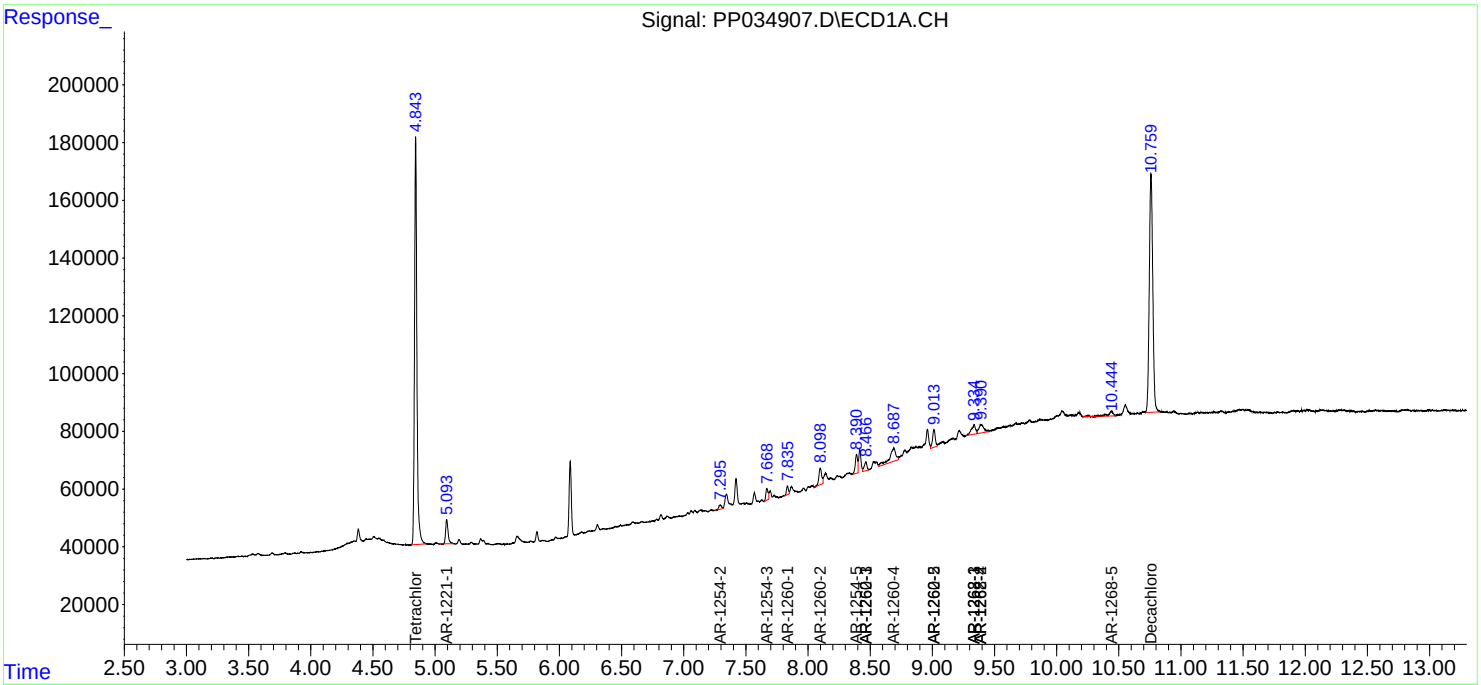
Quantitation Report (Not Reviewed)

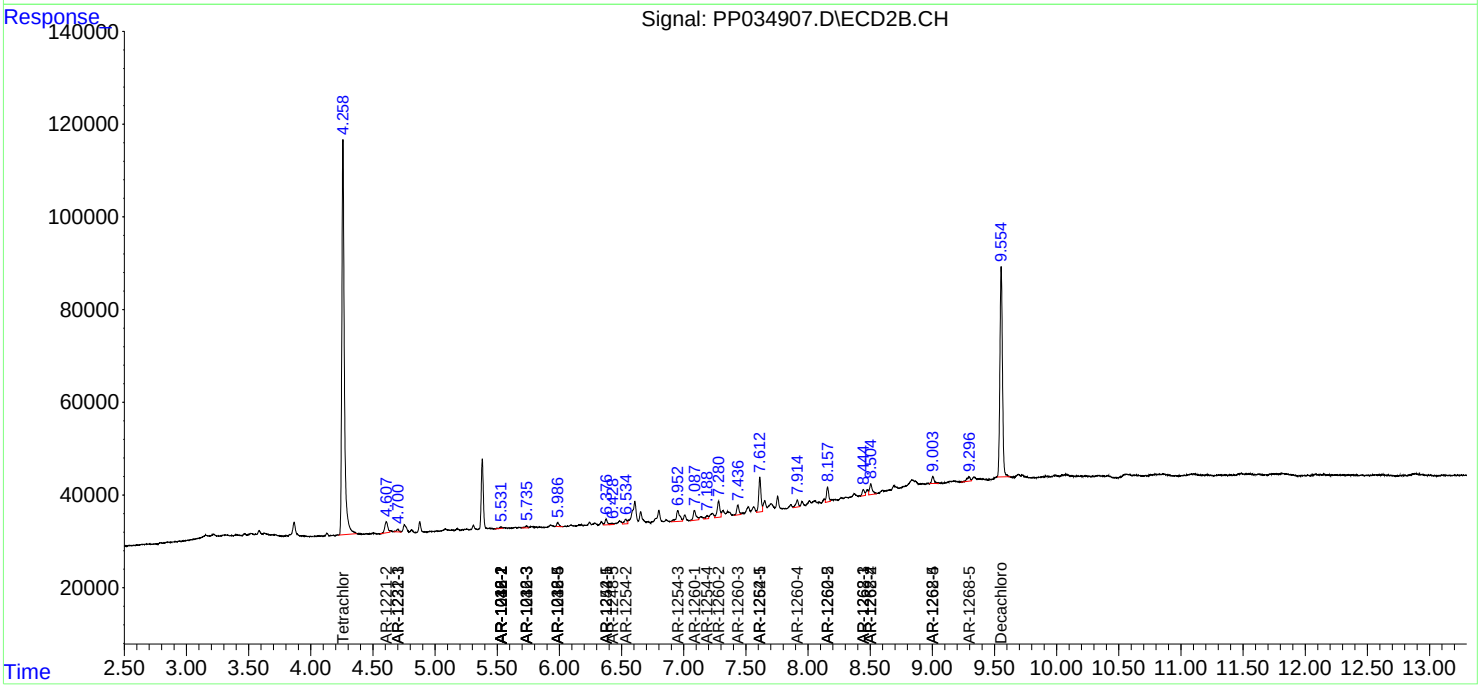
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041521\
Data File : PP034907.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Apr 2021 13:43
Operator : DD\AJ
Sample : M2036-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

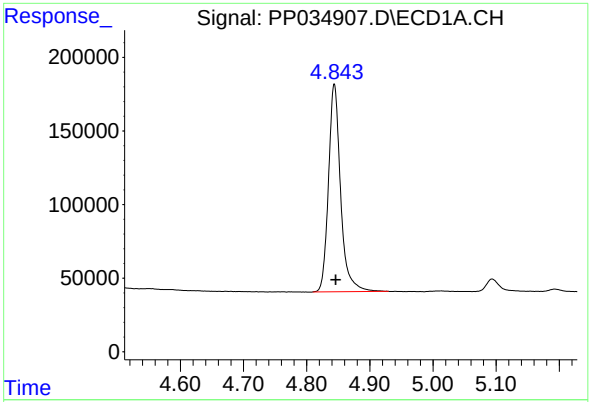
**Instrument :**
ECD_P
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 16:30:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP033021.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 31 06:02:19 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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



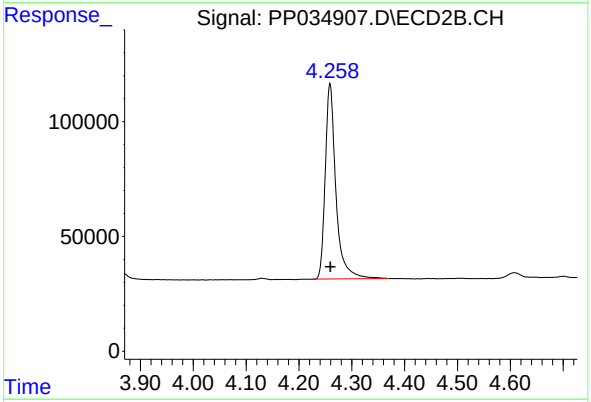






#1 Tetrachloro-m-xylene

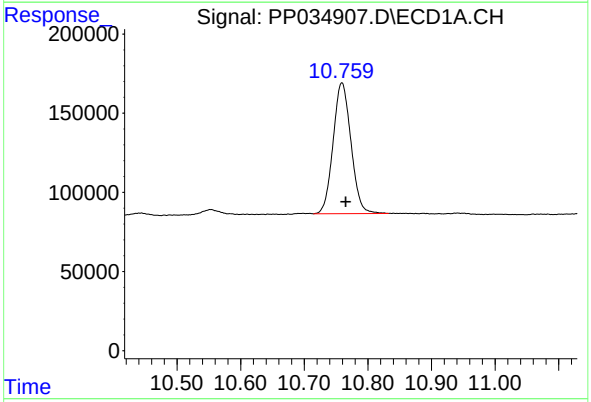
R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 1879349
Conc: 24.64 ng/ml

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



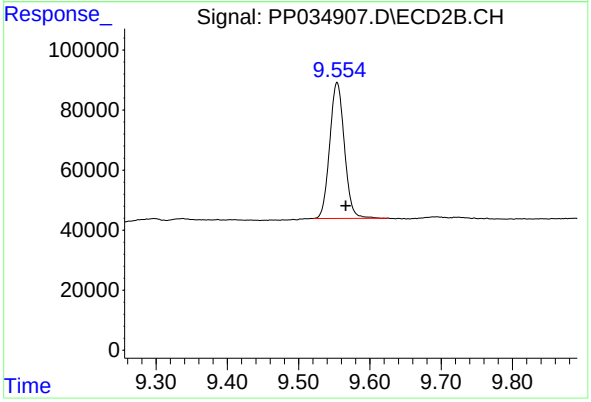

#1 Tetrachloro-m-xylene

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1194888
Conc: 26.60 ng/ml



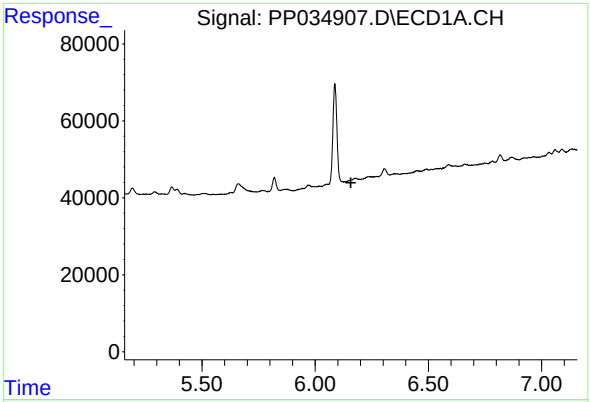

#2 Decachlorobiphenyl

R.T.: 10.759 min
Delta R.T.: -0.006 min
Response: 1612740
Conc: 20.95 ng/ml




#2 Decachlorobiphenyl

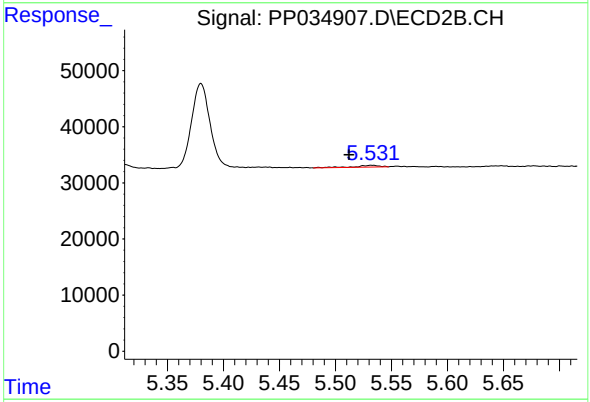
R.T.: 9.554 min
Delta R.T.: -0.012 min
Response: 647371
Conc: 22.93 ng/ml




#3 AR-1016-1

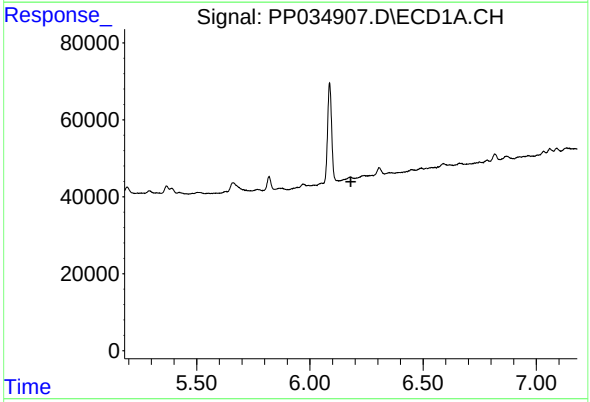
R.T.: 0.000 min
Exp R.T. : 6.158 min
Response: 0
Conc: N.D.

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



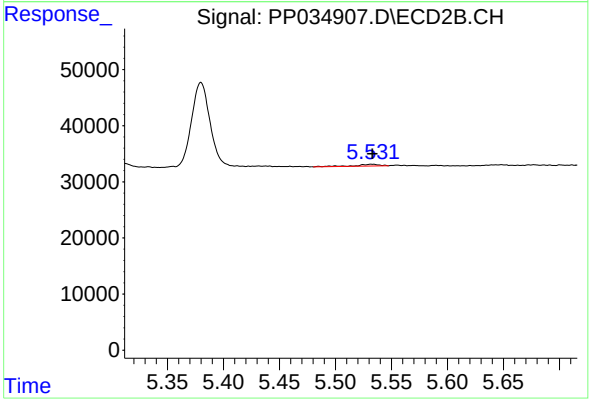

#3 AR-1016-1

R.T.: 5.532 min
Delta R.T.: 0.020 min
Response: 4599
Conc: 3.88 ng/ml



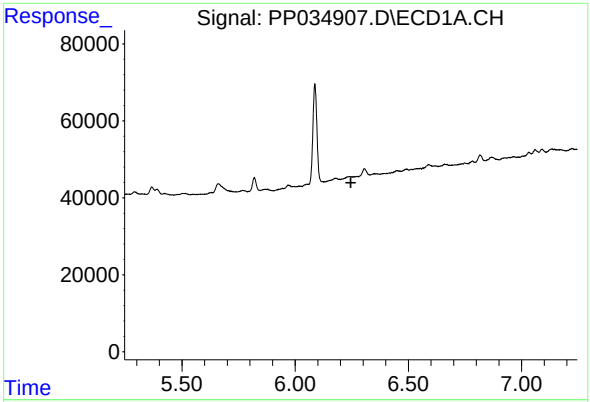

#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.181 min
Response: 0
Conc: N.D.




#4 AR-1016-2

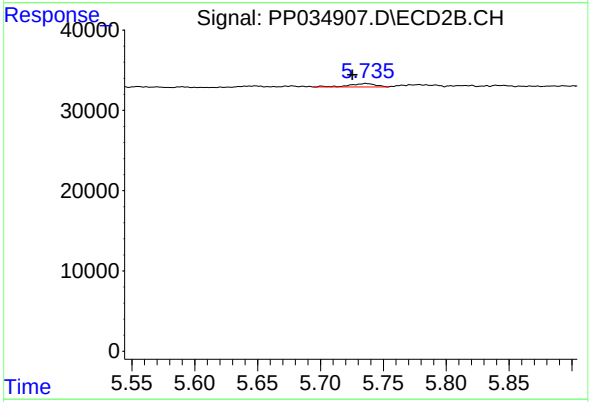
R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 4599
Conc: 2.59 ng/ml




#5 AR-1016-3

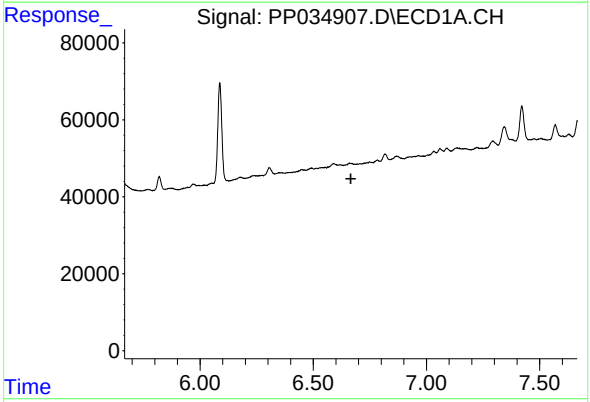
R.T.: 0.000 min
Exp R.T. : 6.246 min
Response: 0
Conc: N.D.

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



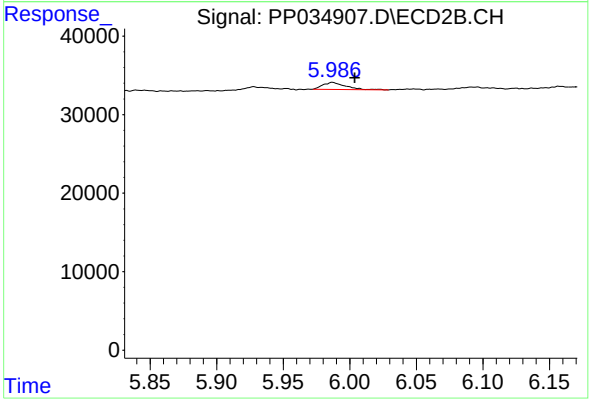

#5 AR-1016-3

R.T.: 5.736 min
Delta R.T.: 0.011 min
Response: 6062
Conc: 6.49 ng/ml



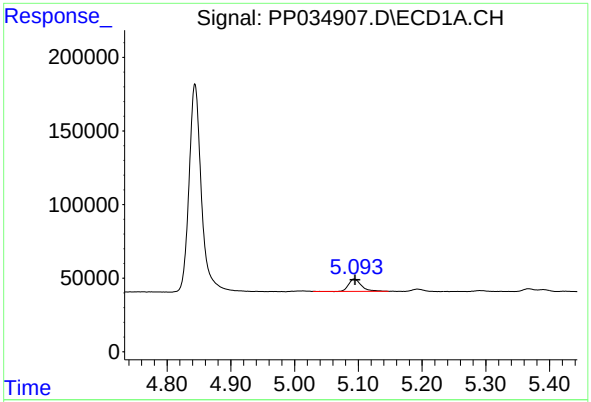

#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.666 min
Response: 0
Conc: N.D.




#7 AR-1016-5

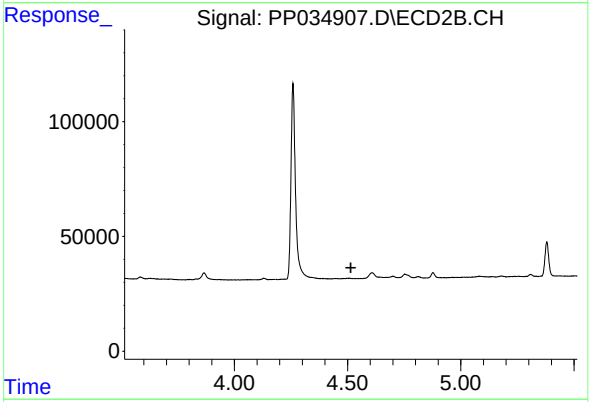
R.T.: 5.987 min
Delta R.T.: -0.017 min
Response: 10616
Conc: 11.61 ng/ml




#8 AR-1221-1

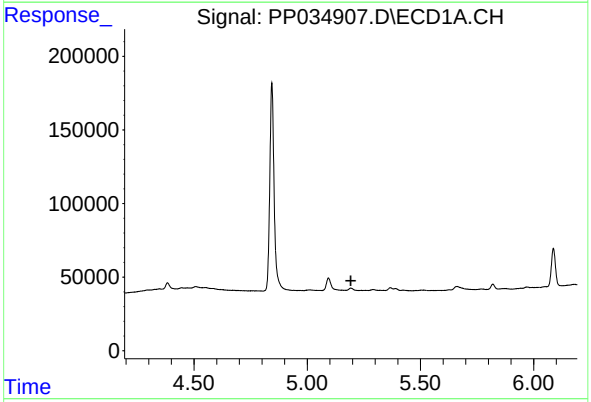
R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 115080
Conc: 157.42 ng/ml

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



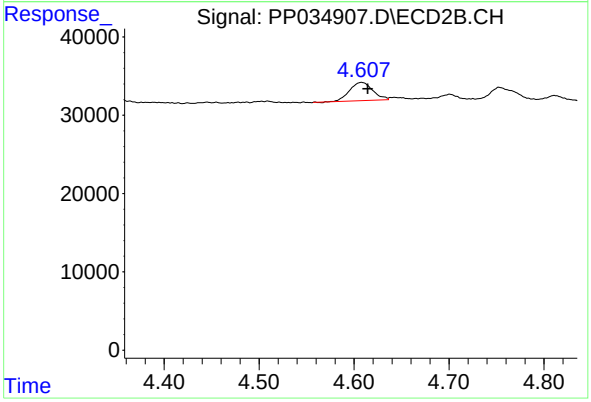

#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.514 min
Response: 0
Conc: N.D.



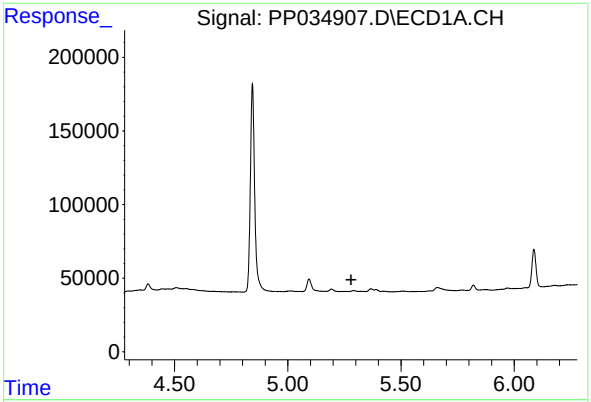

#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.193 min
Response: 0
Conc: N.D.




#9 AR-1221-2

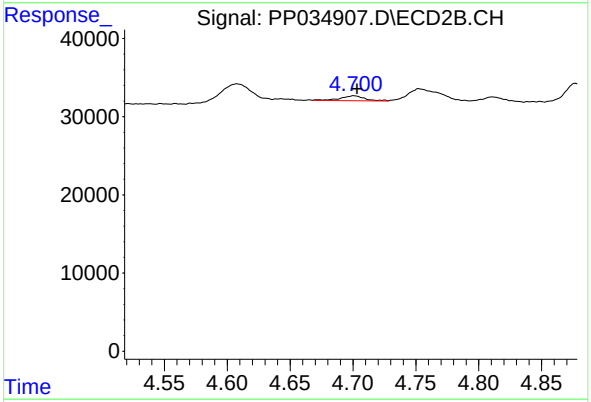
R.T.: 4.608 min
Delta R.T.: -0.007 min
Response: 39491
Conc: 113.20 ng/ml




#10 AR-1221-3

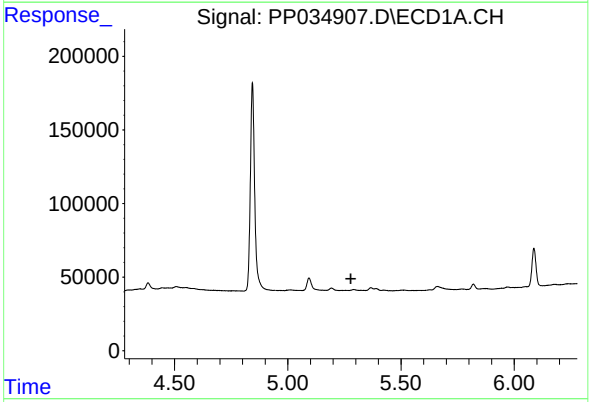
R.T.: 0.000 min
Exp R.T. : 5.279 min
Response: 0
Conc: N.D.

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



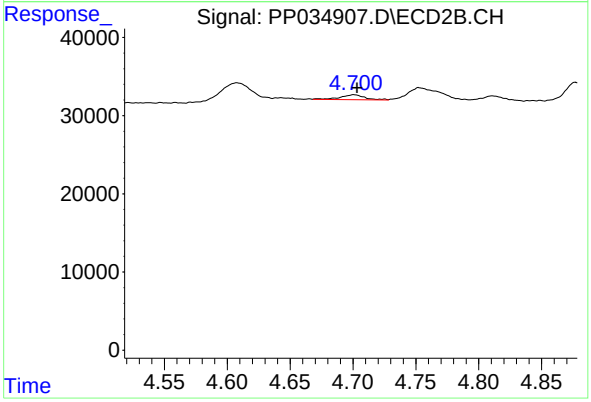

#10 AR-1221-3

R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 8502
Conc: 8.10 ng/ml



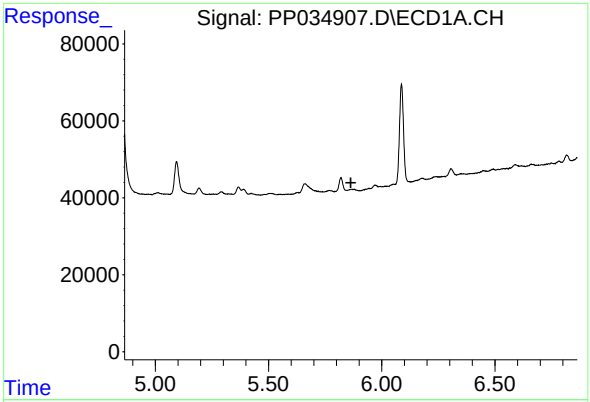

#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.279 min
Response: 0
Conc: N.D.




#11 AR-1232-1

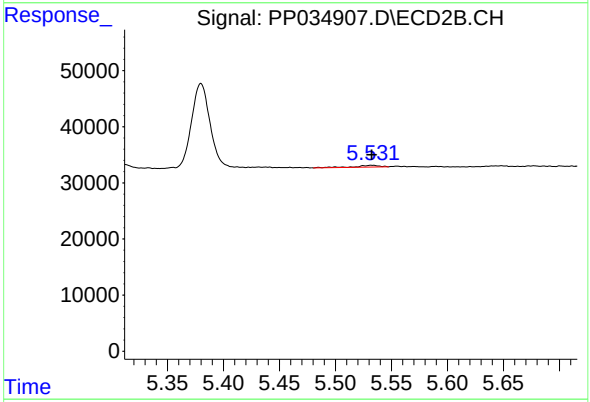
R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 8502
Conc: 10.06 ng/ml




#12 AR-1232-2

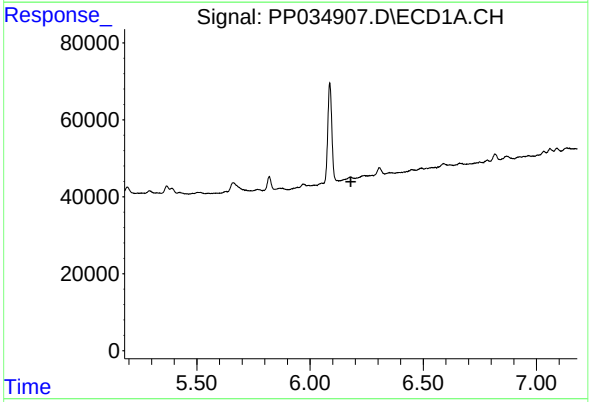
R.T.: 0.000 min
Exp R.T. : 5.863 min
Response: 0
Conc: N.D.

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



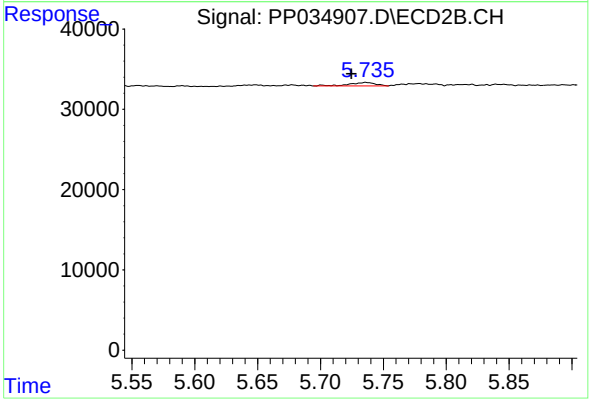

#12 AR-1232-2

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 4599
Conc: 6.11 ng/ml



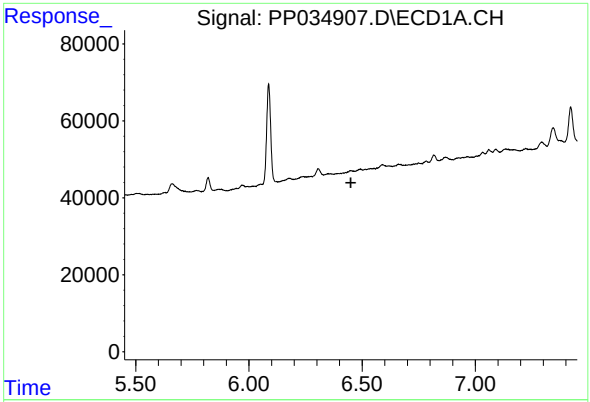

#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.180 min
Response: 0
Conc: N.D.




#13 AR-1232-3

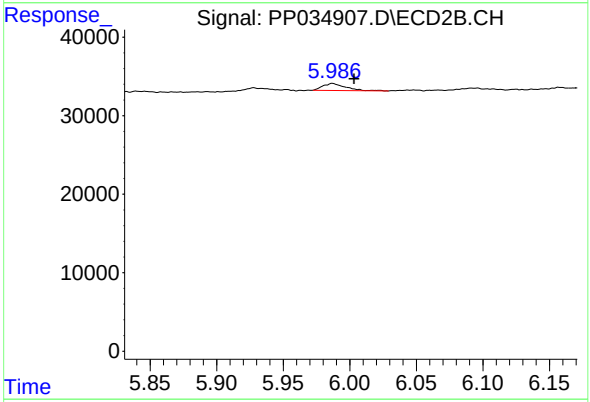
R.T.: 5.736 min
Delta R.T.: 0.012 min
Response: 6062
Conc: 15.27 ng/ml




#15 AR-1232-5

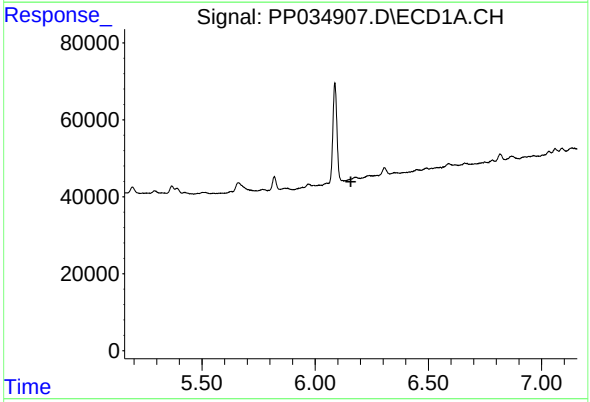
R.T.: 0.000 min
Exp R.T. : 6.451 min
Response: 0
Conc: N.D.

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



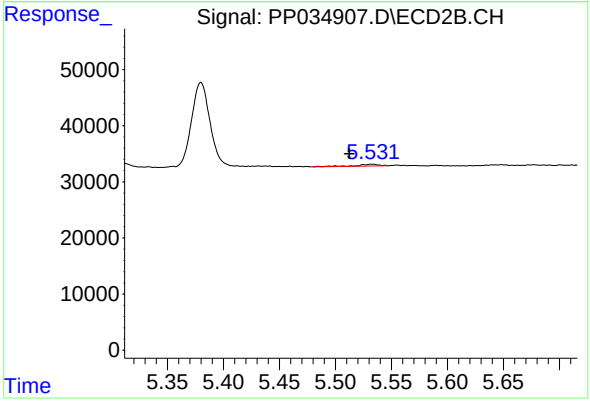

#15 AR-1232-5

R.T.: 5.987 min
Delta R.T.: -0.016 min
Response: 10616
Conc: 29.87 ng/ml



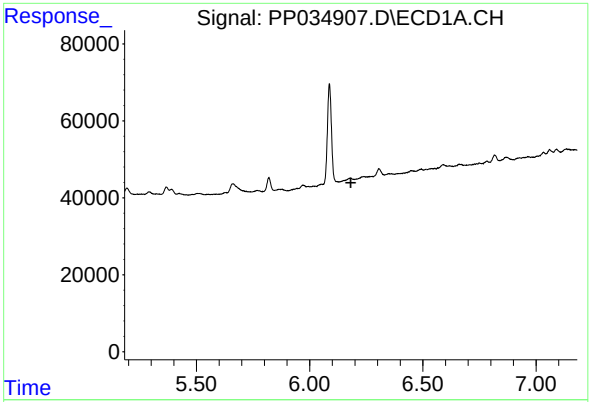

#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.158 min
Response: 0
Conc: N.D.




#16 AR-1242-1

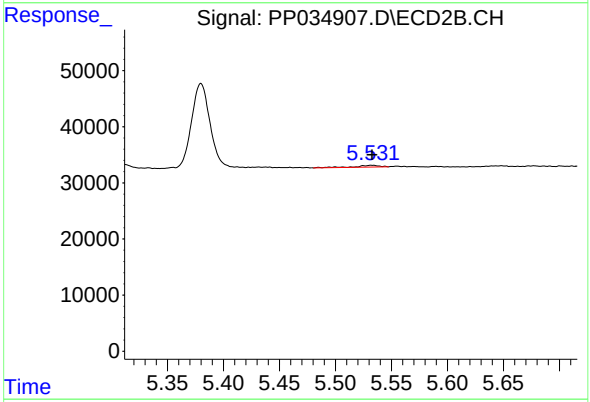
R.T.: 5.532 min
Delta R.T.: 0.020 min
Response: 4599
Conc: 4.91 ng/ml




#17 AR-1242-2

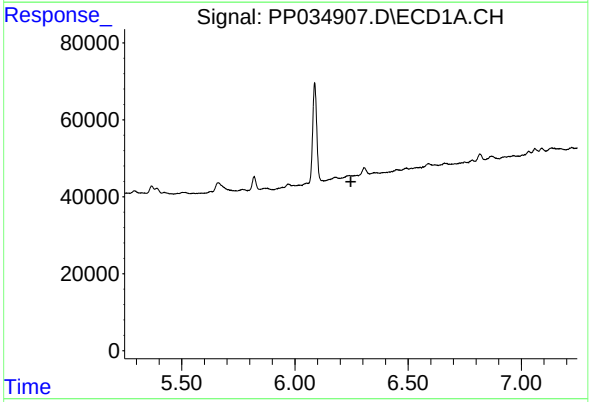
R.T.: 0.000 min
Exp R.T. : 6.182 min
Response: 0
Conc: N.D.

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



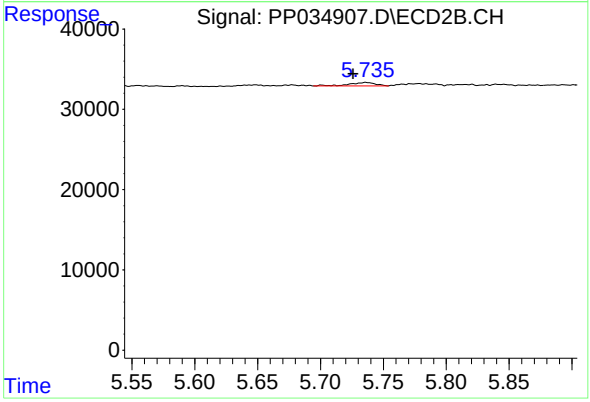

#17 AR-1242-2

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 4599
Conc: 3.23 ng/ml



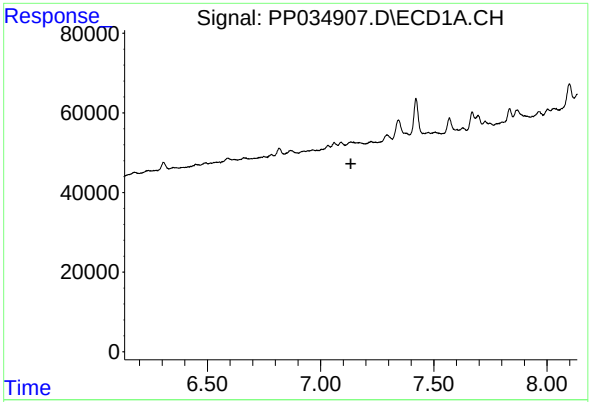

#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.247 min
Response: 0
Conc: N.D.




#18 AR-1242-3

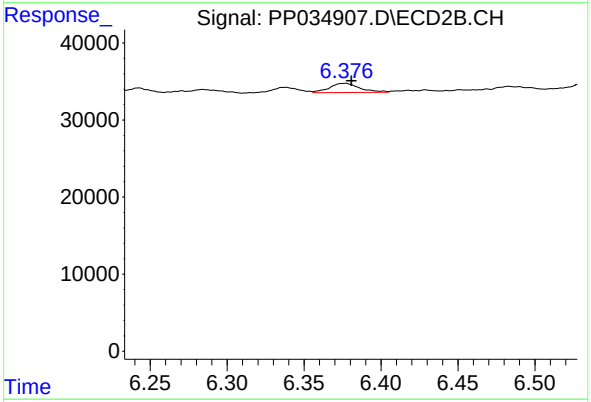
R.T.: 5.736 min
Delta R.T.: 0.010 min
Response: 6062
Conc: 8.12 ng/ml




#20 AR-1242-5

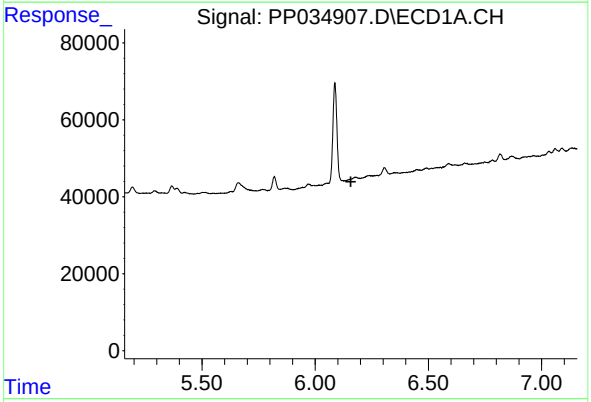
R.T.: 0.000 min
Exp R.T. : 7.133 min
Response: 0
Conc: N.D.

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



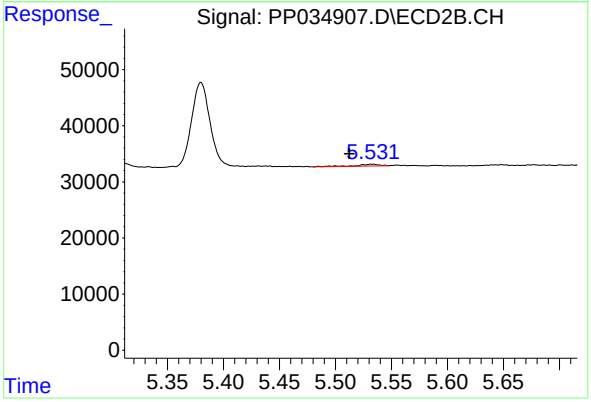

#20 AR-1242-5

R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 16440
Conc: 20.05 ng/ml



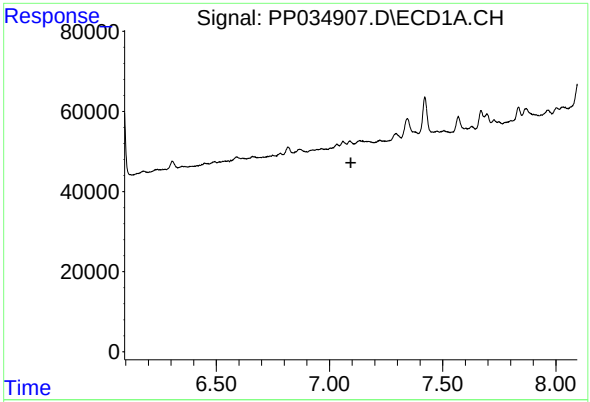

#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.158 min
Response: 0
Conc: N.D.




#21 AR-1248-1

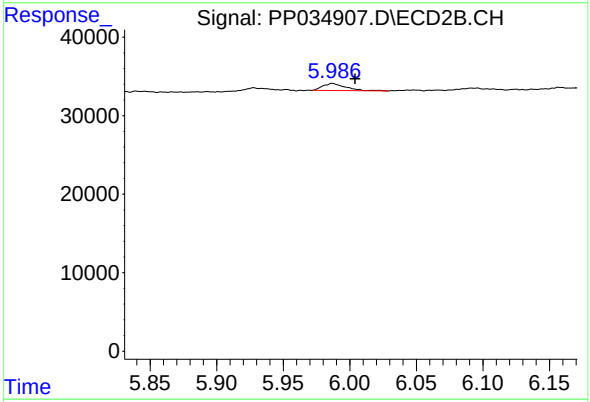
R.T.: 5.532 min
Delta R.T.: 0.020 min
Response: 4599
Conc: 6.30 ng/ml




#24 AR-1248-4

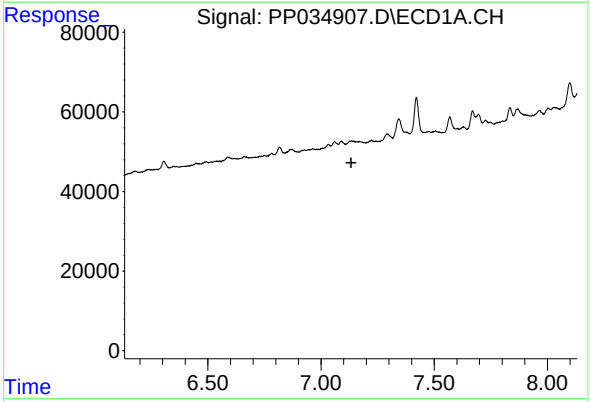
R.T.: 0.000 min
Exp R.T. : 7.094 min
Response: 0
Conc: N.D.

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



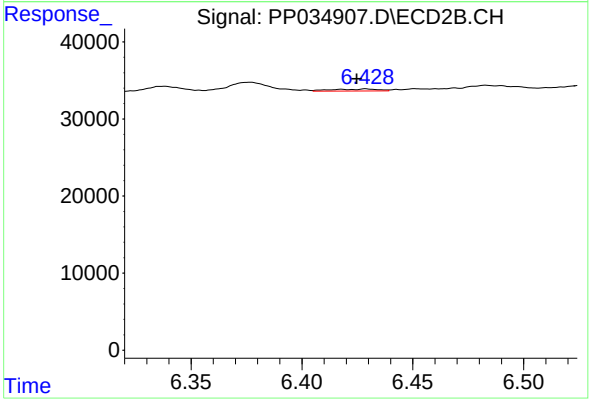

#24 AR-1248-4

R.T.: 5.987 min
Delta R.T.: -0.017 min
Response: 10616
Conc: 8.41 ng/ml



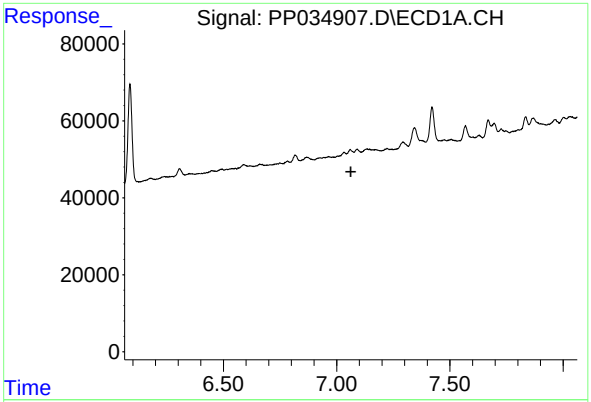

#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 7.132 min
Response: 0
Conc: N.D.




#25 AR-1248-5

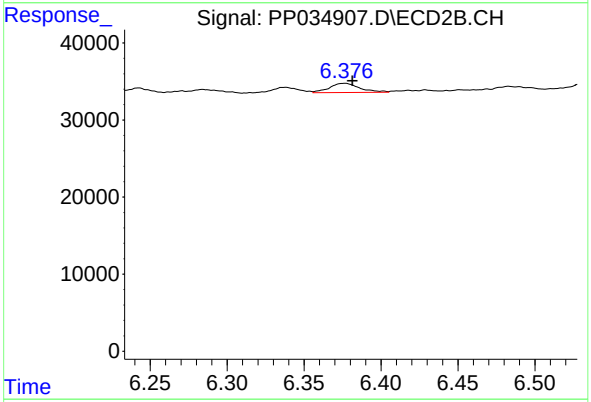
R.T.: 6.429 min
Delta R.T.: 0.004 min
Response: 3770
Conc: 3.34 ng/ml




#26 AR-1254-1

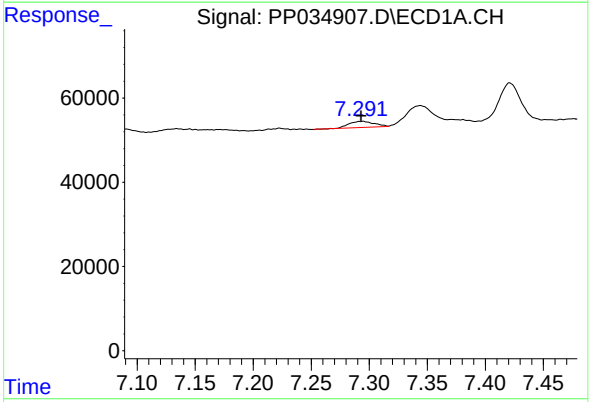
R.T.: 0.000 min
Exp R.T. : 7.063 min
Response: 0
Conc: N.D.

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



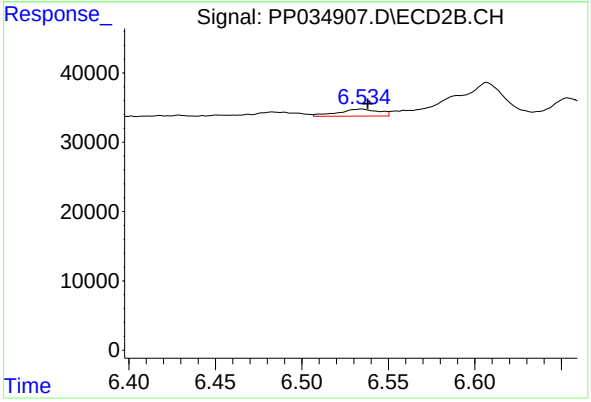

#26 AR-1254-1

R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 16440
Conc: 8.91 ng/ml



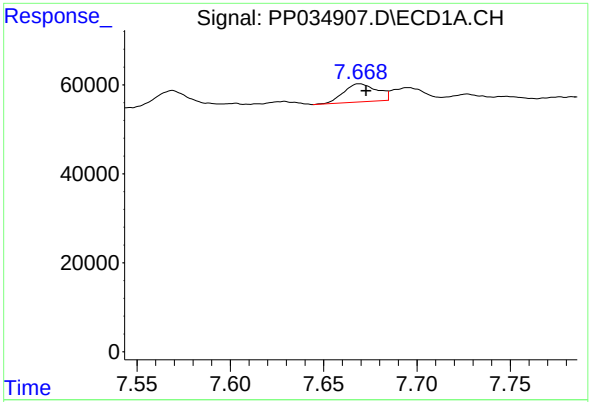

#27 AR-1254-2

R.T.: 7.295 min
Delta R.T.: 0.002 min
Response: 22005
Conc: 5.18 ng/ml




#27 AR-1254-2

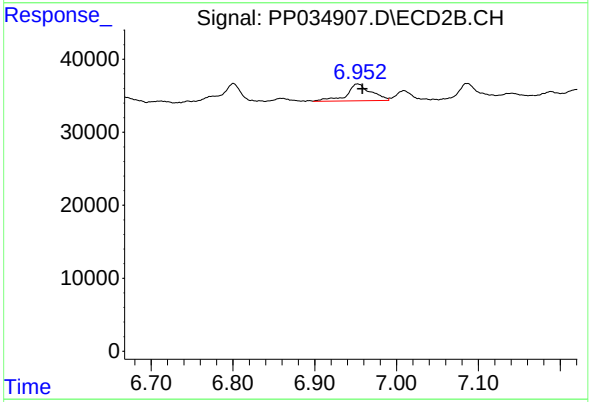
R.T.: 6.534 min
Delta R.T.: -0.004 min
Response: 16831
Conc: 10.52 ng/ml




#28 AR-1254-3

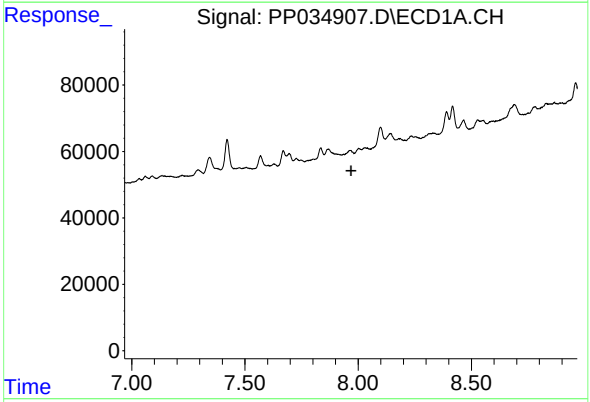
R.T.: 7.669 min
Delta R.T.: -0.004 min
Response: 50722
Conc: 11.11 ng/ml

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



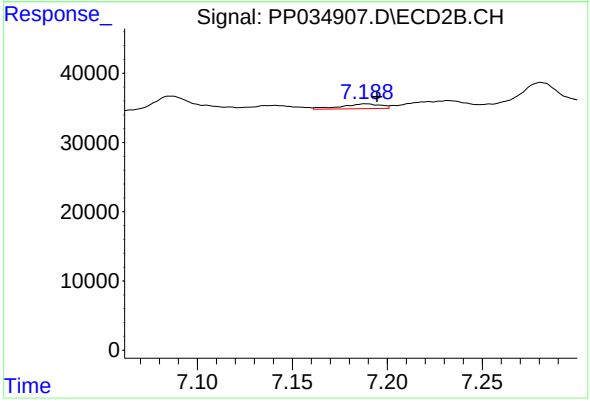

#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.006 min
Response: 47976
Conc: 19.22 ng/ml



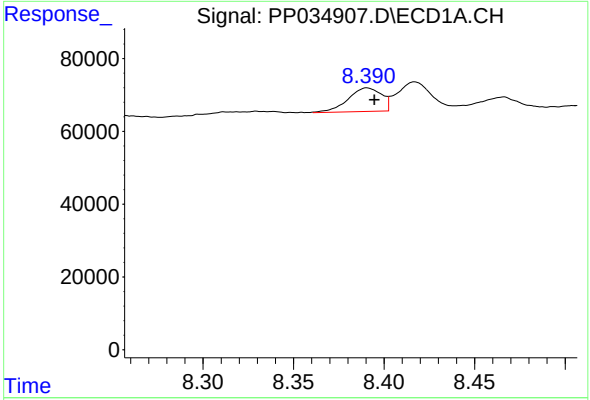

#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.968 min
Response: 0
Conc: N.D.




#29 AR-1254-4

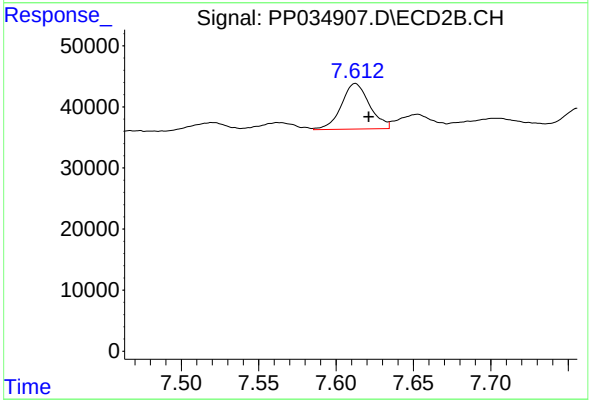
R.T.: 7.189 min
Delta R.T.: -0.006 min
Response: 9975
Conc: 7.59 ng/ml




#30 AR-1254-5

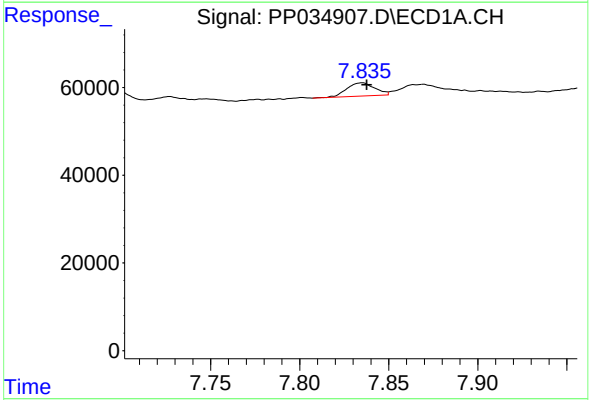
R.T.: 8.391 min
Delta R.T.: -0.004 min
Response: 83893
Conc: 23.61 ng/ml

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



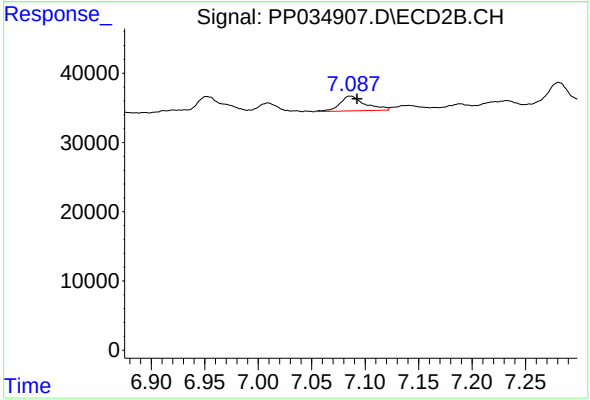

#30 AR-1254-5

R.T.: 7.612 min
Delta R.T.: -0.009 min
Response: 94833
Conc: 46.66 ng/ml



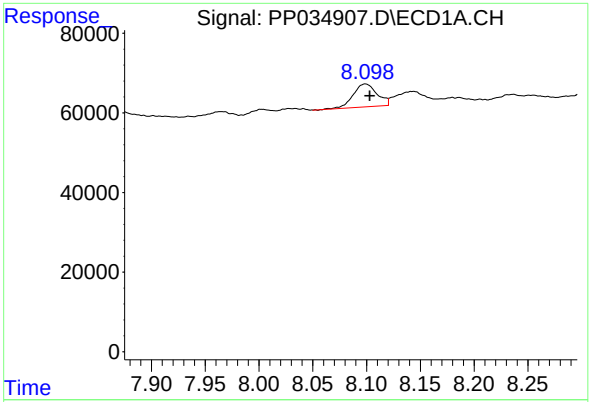

#31 AR-1260-1

R.T.: 7.835 min
Delta R.T.: -0.002 min
Response: 32834
Conc: 10.58 ng/ml




#31 AR-1260-1

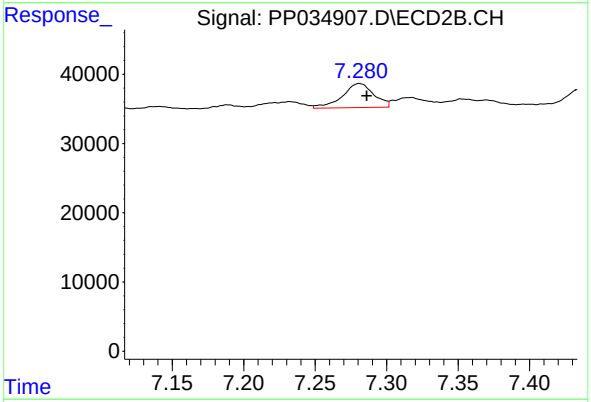
R.T.: 7.086 min
Delta R.T.: -0.006 min
Response: 35525
Conc: 23.13 ng/ml




#32 AR-1260-2

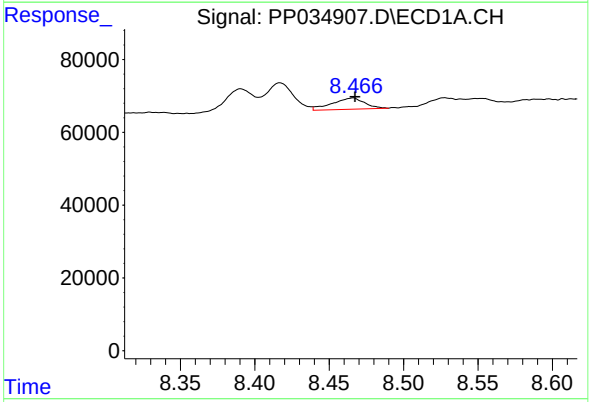
R.T.: 8.099 min
Delta R.T.: -0.004 min
Response: 89141
Conc: 23.74 ng/ml

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



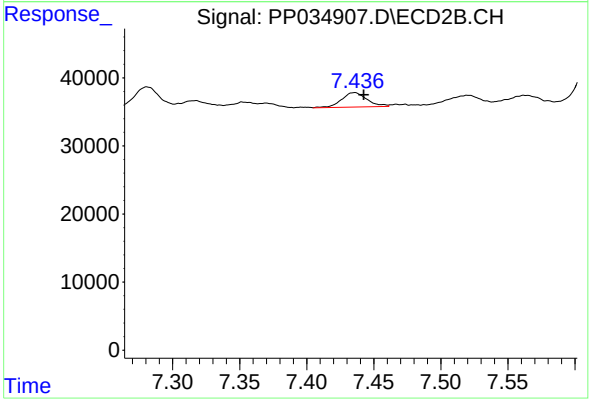

#32 AR-1260-2

R.T.: 7.281 min
Delta R.T.: -0.005 min
Response: 53406
Conc: 29.56 ng/ml



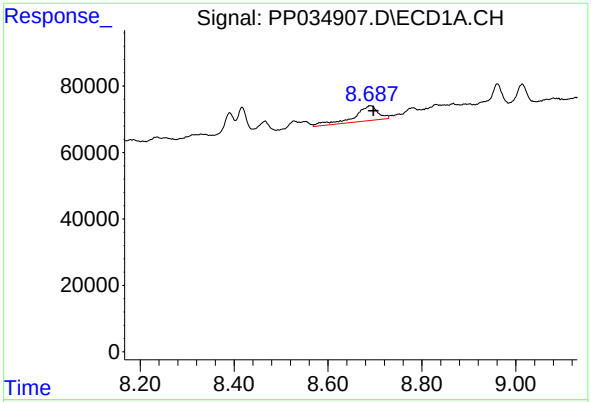

#33 AR-1260-3

R.T.: 8.466 min
Delta R.T.: -0.001 min
Response: 47609
Conc: 15.75 ng/ml




#33 AR-1260-3

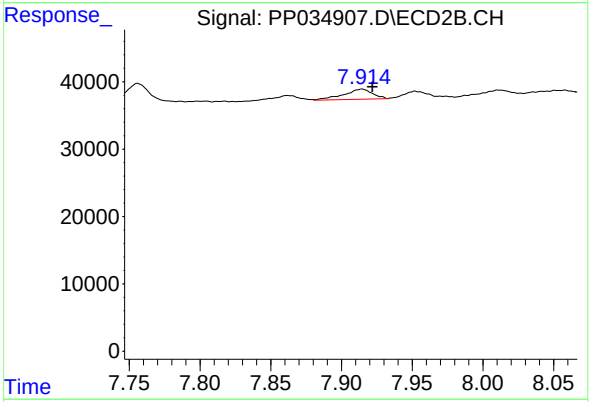
R.T.: 7.435 min
Delta R.T.: -0.007 min
Response: 27591
Conc: 15.90 ng/ml




#34 AR-1260-4

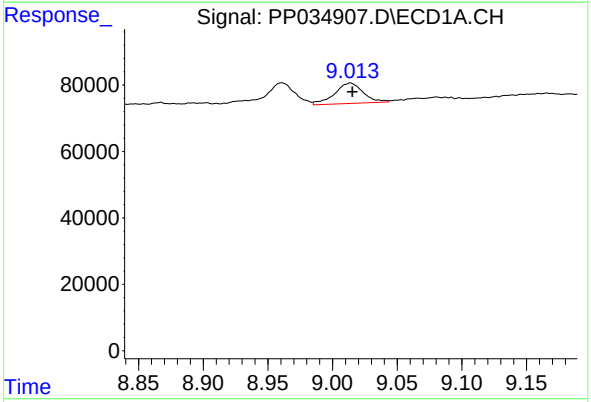
R.T.: 8.691 min
Delta R.T.: -0.006 min
Response: 161436
Conc: 46.24 ng/ml

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



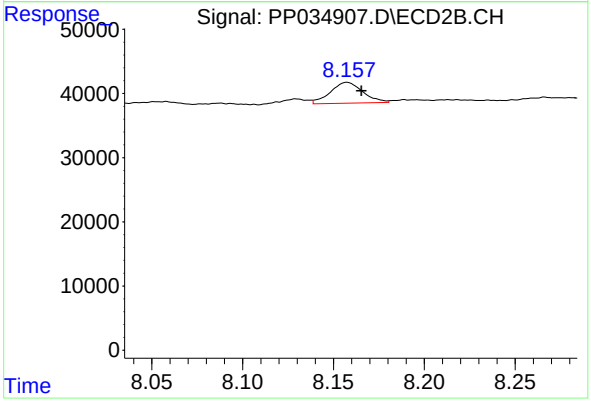

#34 AR-1260-4

R.T.: 7.914 min
Delta R.T.: -0.007 min
Response: 21381
Conc: 14.91 ng/ml



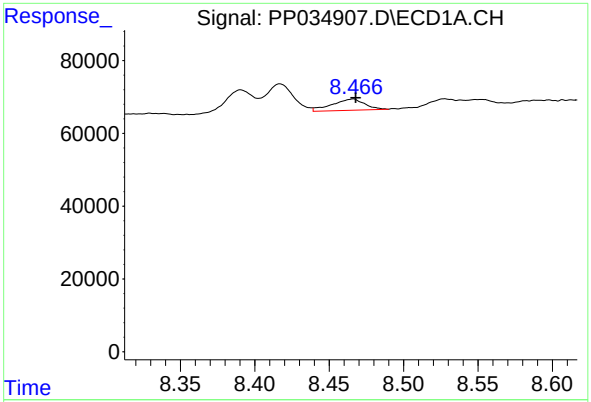

#35 AR-1260-5

R.T.: 9.014 min
Delta R.T.: -0.001 min
Response: 95164
Conc: 13.29 ng/ml




#35 AR-1260-5

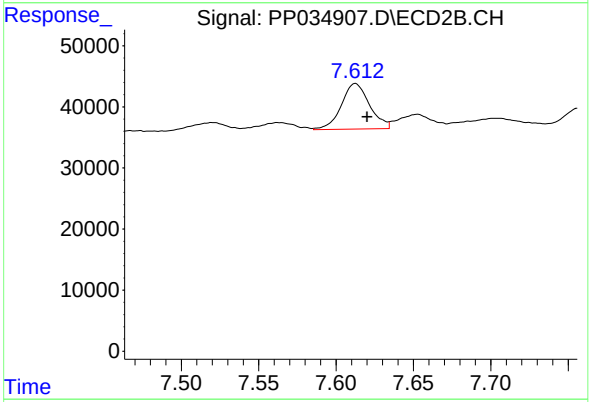
R.T.: 8.157 min
Delta R.T.: -0.008 min
Response: 40288
Conc: 11.79 ng/ml




#36 AR-1262-1

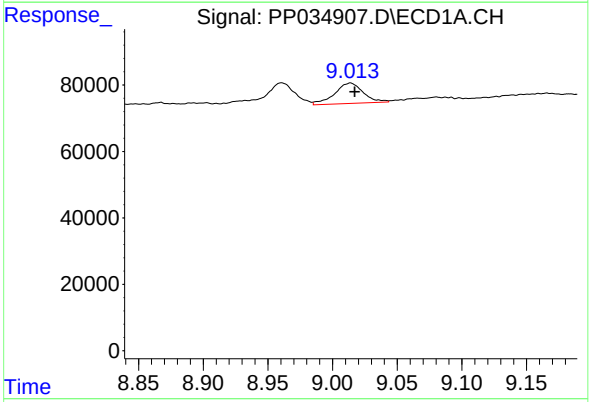
R.T.: 8.466 min
Delta R.T.: -0.002 min
Response: 47609
Conc: 10.40 ng/ml

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



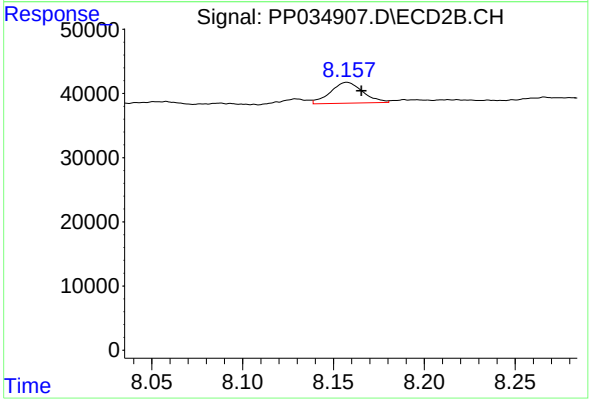

#36 AR-1262-1

R.T.: 7.612 min
Delta R.T.: -0.008 min
Response: 94833
Conc: 88.30 ng/ml



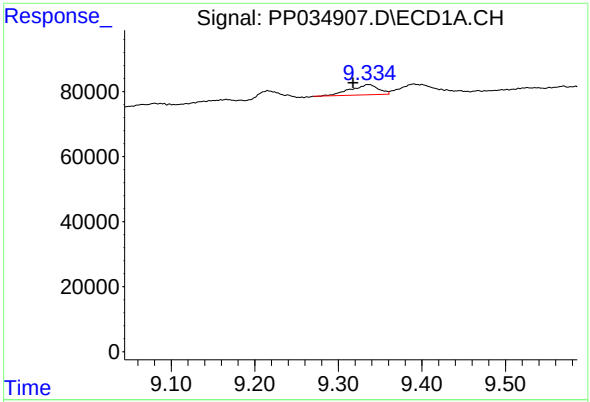

#37 AR-1262-2

R.T.: 9.014 min
Delta R.T.: -0.003 min
Response: 95164
Conc: 12.20 ng/ml




#37 AR-1262-2

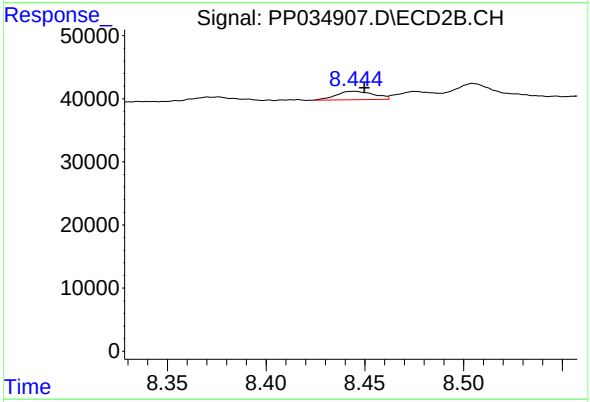
R.T.: 8.157 min
Delta R.T.: -0.008 min
Response: 40288
Conc: 11.74 ng/ml




#38 AR-1262-3

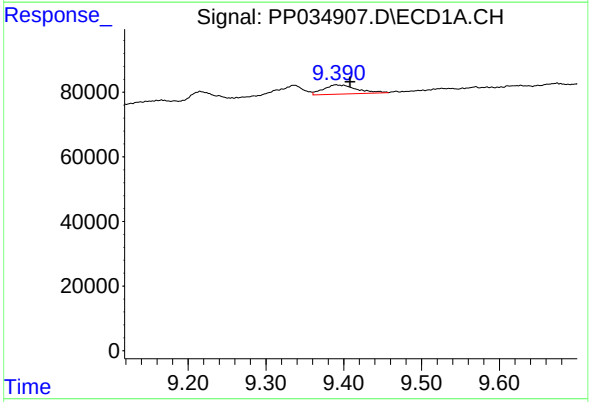
R.T.: 9.336 min
Delta R.T.: 0.018 min
Response: 73093
Conc: 13.58 ng/ml

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



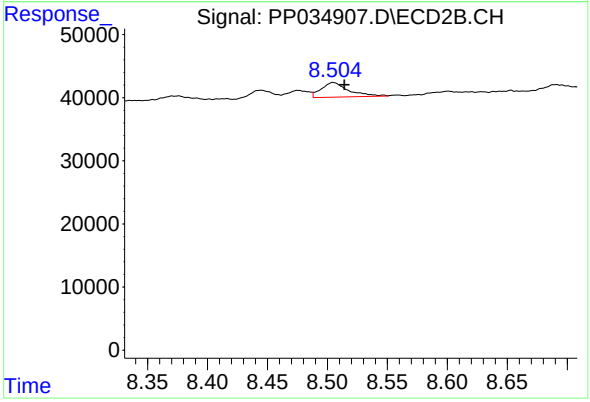

#38 AR-1262-3

R.T.: 8.445 min
Delta R.T.: -0.005 min
Response: 17809
Conc: 11.89 ng/ml



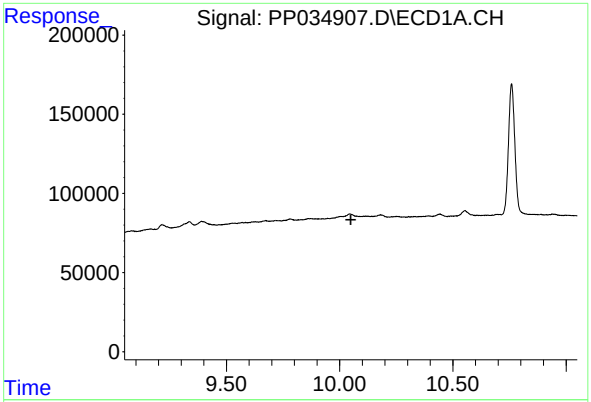

#39 AR-1262-4

R.T.: 9.390 min
Delta R.T.: -0.018 min
Response: 83482
Conc: 18.80 ng/ml




#39 AR-1262-4

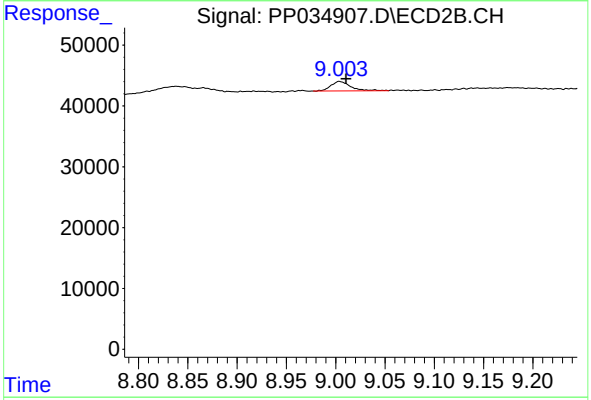
R.T.: 8.505 min
Delta R.T.: -0.009 min
Response: 36632
Conc: 13.30 ng/ml




#40 AR-1262-5

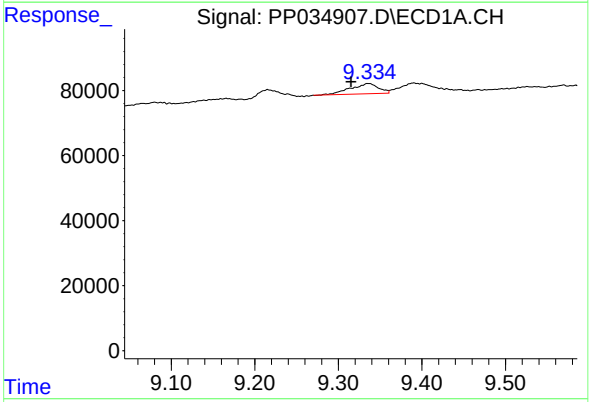
R.T.: 0.000 min
Exp R.T. : 10.050 min
Response: 0
Conc: N.D.

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



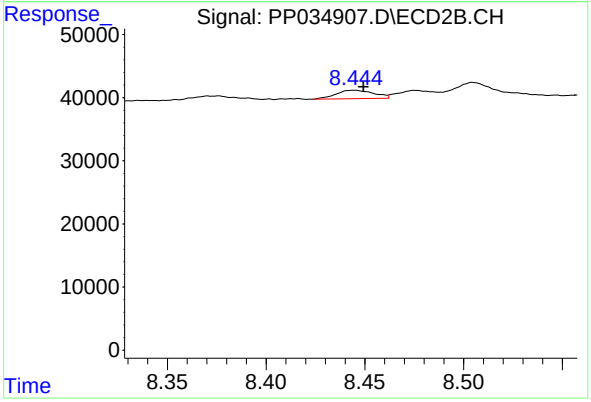

#40 AR-1262-5

R.T.: 9.004 min
Delta R.T.: -0.007 min
Response: 21948
Conc: 19.34 ng/ml



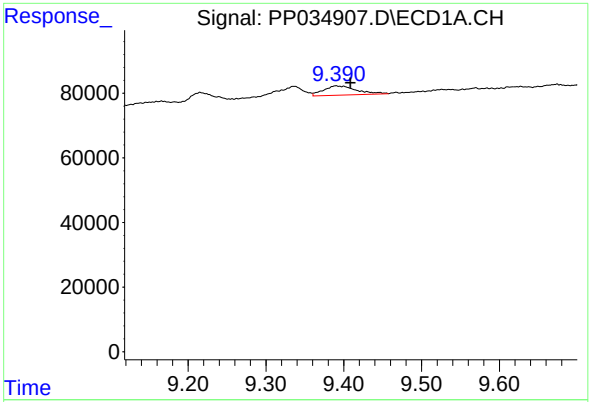

#41 AR-1268-1

R.T.: 9.336 min
Delta R.T.: 0.021 min
Response: 73093
Conc: 7.30 ng/ml




#41 AR-1268-1

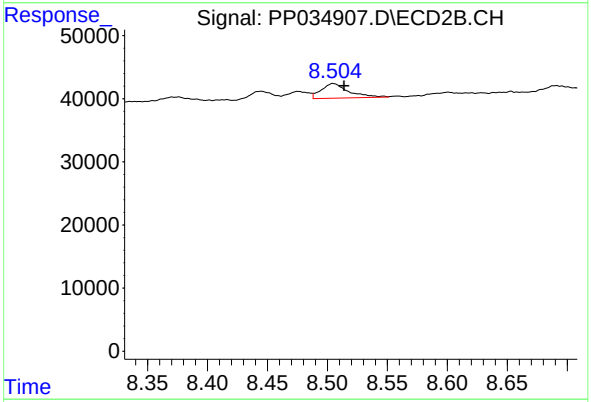
R.T.: 8.445 min
Delta R.T.: -0.005 min
Response: 17809
Conc: 4.12 ng/ml




#42 AR-1268-2

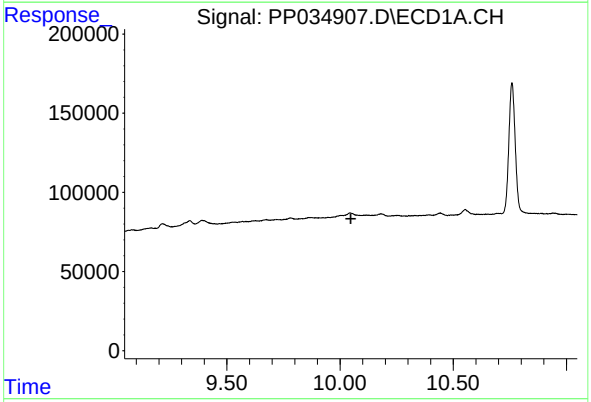
R.T.: 9.390 min
Delta R.T.: -0.019 min
Response: 83482
Conc: 8.73 ng/ml

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



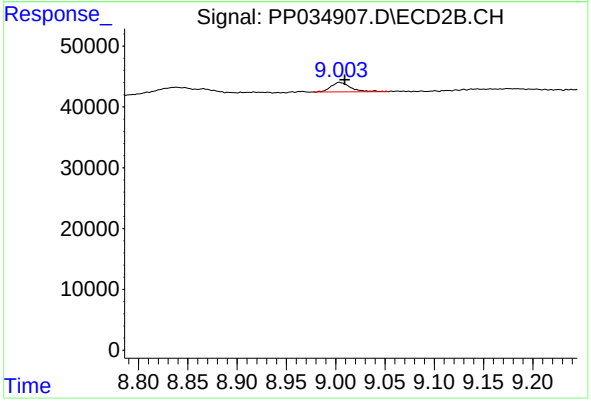

#42 AR-1268-2

R.T.: 8.505 min
Delta R.T.: -0.009 min
Response: 36632
Conc: 8.85 ng/ml



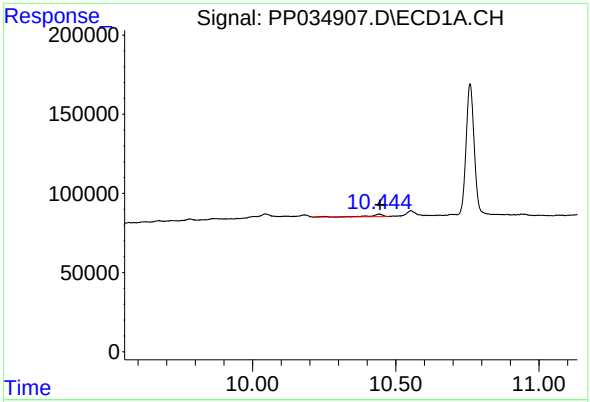

#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.048 min
Response: 0
Conc: N.D.




#44 AR-1268-4

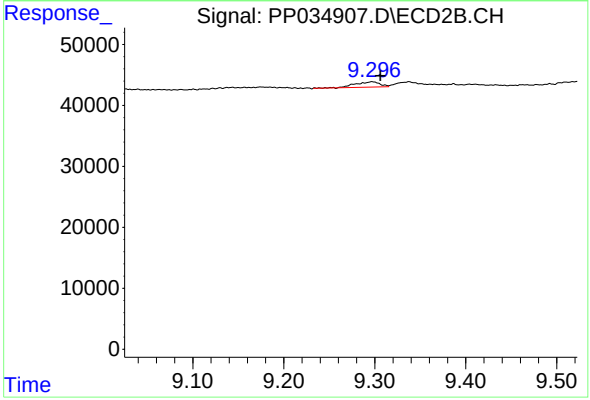
R.T.: 9.004 min
Delta R.T.: -0.005 min
Response: 21948
Conc: 17.04 ng/ml




#45 AR-1268-5

R.T.: 10.444 min
Delta R.T.: -0.001 min
Response: 51142
Conc: 1.79 ng/ml

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




#45 AR-1268-5

R.T.: 9.297 min
Delta R.T.: -0.009 min
Response: 16368
Conc: 1.58 ng/ml