Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021821\
Data File : PP033413.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Feb 2021 20:51
Operator : DD\AJ
Sample : M1437-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 00:38:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 09 04:00:57 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... | 4.724 | 3.997 | 1285296 | 833789 | 20.960 | 20.390 | |
| 2) | SA Decachlor... | 10.539 | 9.255 | 893020 | 676047 | 20.500 | 20.180 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 6.031 | 5.262 | 59942 | 34386 | 36.571 | 31.330 | |
| 4) | L1 AR-1016-2 | 6.031f | 5.262 | 59942 | 34386 | 23.937 | 21.070 | |
| 5) | L1 AR-1016-3 | 6.111 | 0.000 | 27822 | 0 | 17.544 | N.D. | # |
| 7) | L1 AR-1016-5 | 6.521 | 0.000 | 69747 | 0 | 53.179 | N.D. | # |
| 8) | L2 AR-1221-1 | 4.967 | 0.000 | 25705 | 0 | 41.668 | N.D. | # |
| 12) | L3 AR-1232-2 | 0.000 | 5.262 | 0 | 34386 | N.D. | 46.511 | # |
| 13) | L3 AR-1232-3 | 6.031f | 0.000 | 59942 | 0 | 54.639 | N.D. | # |
| 14) | L3 AR-1232-4 | 0.000 | 5.561 | 0 | 36469 | N.D. | 104.034 | # |
| 15) | L3 AR-1232-5 | 6.313 | 0.000 | 32830 | 0 | 89.844 | N.D. | # |
| 16) | L4 AR-1242-1 | 6.031 | 5.262 | 59942 | 34386 | 46.112 | 39.728 | |
| 17) | L4 AR-1242-2 | 6.031f | 5.262 | 59942 | 34386 | 30.423 | 26.793 | |
| 18) | L4 AR-1242-3 | 6.111 | 0.000 | 27822 | 0 | 21.952 | N.D. | # |
| 19) | L4 AR-1242-4 | 0.000 | 5.561 | 0 | 36469 | N.D. | 52.360 | # |
| 20) | L4 AR-1242-5 | 7.003 | 6.110 | 69695 | 178163 | 67.082 | 211.001 | # |
| 21) | L5 AR-1248-1 | 6.031 | 5.262 | 59942 | 34386 | 62.605 | 52.874 | |
| 22) | L5 AR-1248-2 | 6.313 | 0.000 | 32830 | 0 | 24.776 | N.D. | # |
| 23) | L5 AR-1248-3 | 6.521 | 5.561 | 69747 | 36469 | 43.073 | 35.868 | |
| 24) | L5 AR-1248-4 | 6.950 | 0.000 | 108406 | 0 | 63.003 | N.D. | # |
| 25) | L5 AR-1248-5 | 7.003 | 6.153 | 69695 | 32755 | 40.055 | 29.003 | # |
| 26) | L6 AR-1254-1 | 6.929 | 6.110 | 163592 | 178163 | 87.132 | 93.223 | |
| 27) | L6 AR-1254-2 | 7.155 | 6.264 | 174900 | 87134 | 59.657 | 53.142 | |
| 28) | L6 AR-1254-3 | 7.531 | 6.684 | 242980 | 130309 | 79.999 | 48.484 | # |
| 29) | L6 AR-1254-4 | 7.824 | 6.924 | 75414 | 51209 | 32.601 | 34.297 | |
| 30) | L6 AR-1254-5 | 8.250 | 7.348 | 96302 | 407157 | 39.798 | 168.151 | # |
| 31) | L7 AR-1260-1 | 7.696 | 6.819 | 72622 | 61216 | 33.171 | 35.690 | |
| 32) | L7 AR-1260-2 | 7.957 | 7.015 | 285609 | 61590 | 97.723 | 30.481 | # |
| 33) | L7 AR-1260-3 | 8.325 | 7.169 | 40488 | 53850 | 15.819 | 27.145 | # |
| 34) | L7 AR-1260-4 | 8.548 | 7.649 | 74063 | 25889 | 30.316 | 15.389 | # |
| 35) | L7 AR-1260-5 | 8.865 | 7.897 | 48178 | 41035 | 8.950 | 10.665 | |
| 36) | L8 AR-1262-1 | 8.325 | 7.348 | 40488 | 407157 | 10.650 | 326.916 | # |
| 37) | L8 AR-1262-2 | 8.865 | 7.897 | 48178 | 41035 | 7.695 | 9.331 | |
| 38) | L8 AR-1262-3 | 9.195f | 0.000 | 58173 | 0 | 14.191 | N.D. | # |
| 39) | L8 AR-1262-4 | 0.000 | 8.245 | 0 | 43091 | N.D. | 12.630 | # |
| 42) | L9 AR-1268-2 | 0.000 | 8.245 | 0 | 43091 | N.D. | 8.761 | # |
| 45) | L9 AR-1268-5 | 10.233 | 9.018 | 44465 | 26174 | 2.716 | 2.047 | |

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

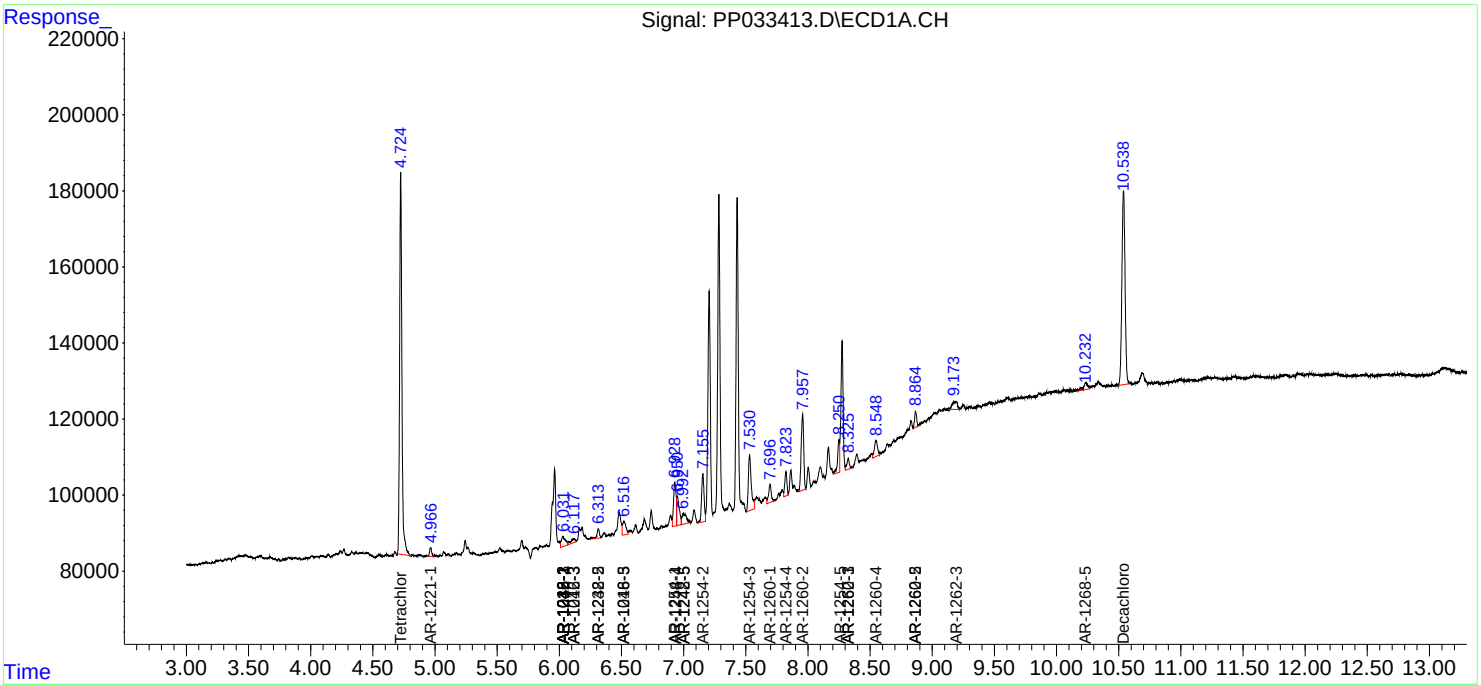
Quantitation Report (Not Reviewed)

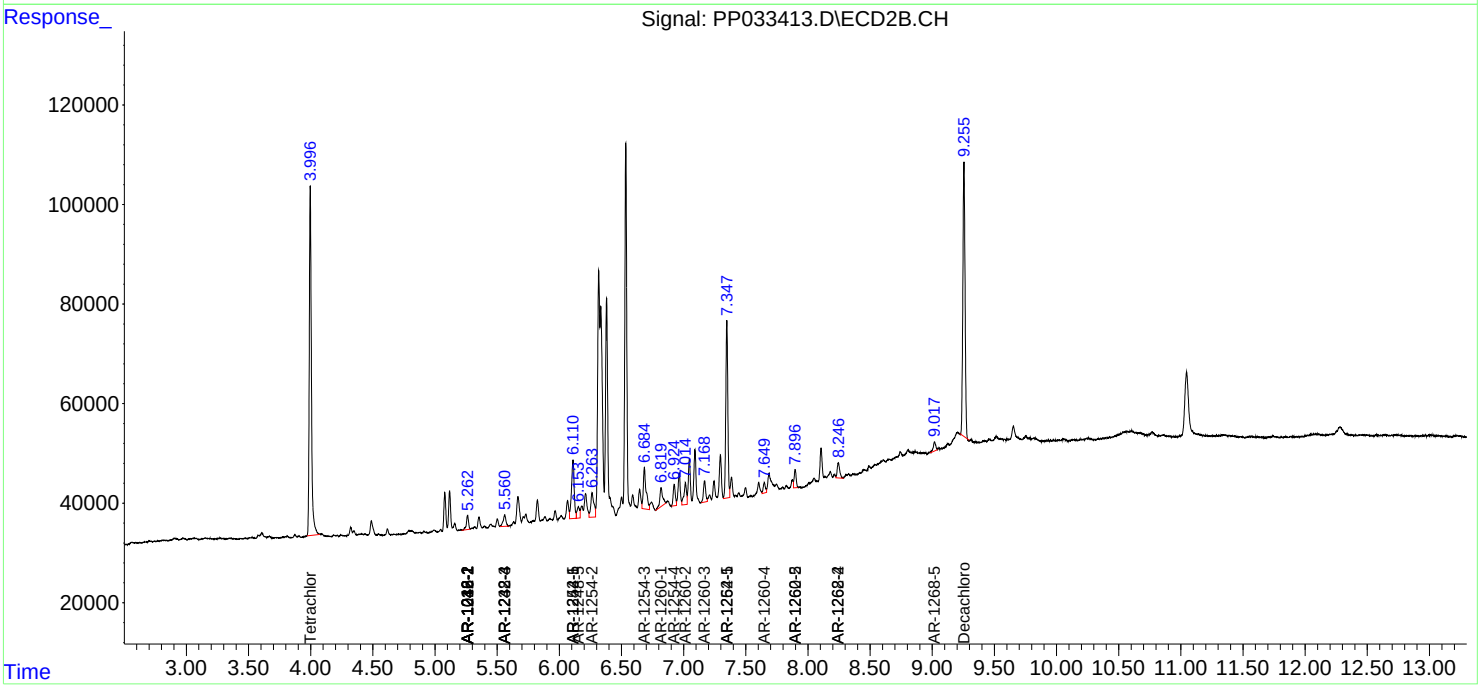
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021821\
Data File : PP033413.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Feb 2021 20:51
Operator : DD\AJ
Sample : M1437-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

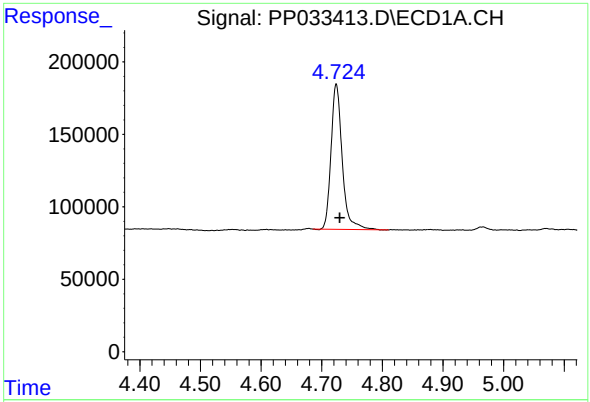
**Instrument :**
ECD_P
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 00:38:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 09 04:00:57 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



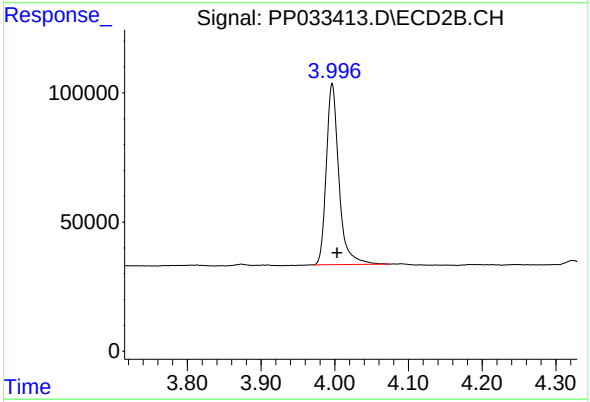






#1 Tetrachloro-m-xylene

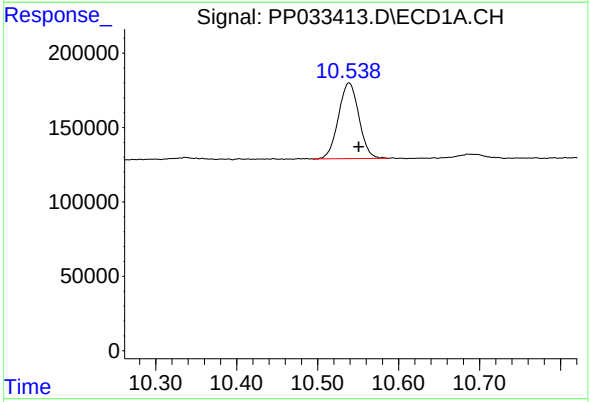
R.T.: 4.724 min
Delta R.T.: -0.006 min
Response: 1285296
Conc: 20.96 ng/ml

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



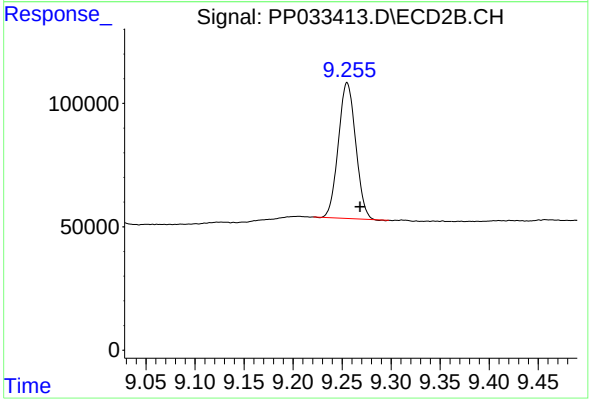

#1 Tetrachloro-m-xylene

R.T.: 3.997 min
Delta R.T.: -0.006 min
Response: 833789
Conc: 20.39 ng/ml



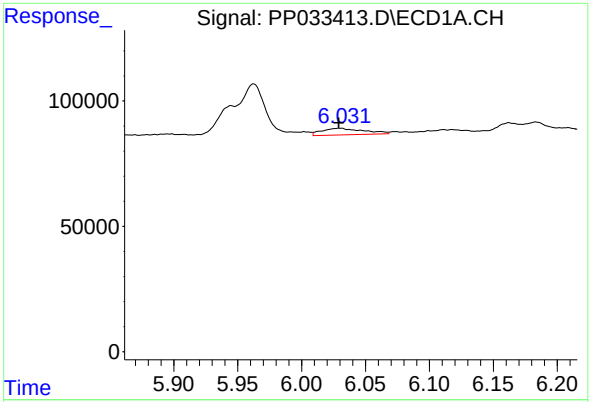

#2 Decachlorobiphenyl

R.T.: 10.539 min
Delta R.T.: -0.012 min
Response: 893020
Conc: 20.50 ng/ml




#2 Decachlorobiphenyl

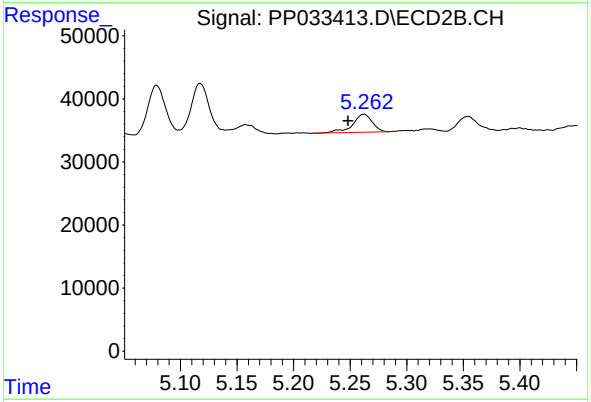
R.T.: 9.255 min
Delta R.T.: -0.013 min
Response: 676047
Conc: 20.18 ng/ml




#3 AR-1016-1

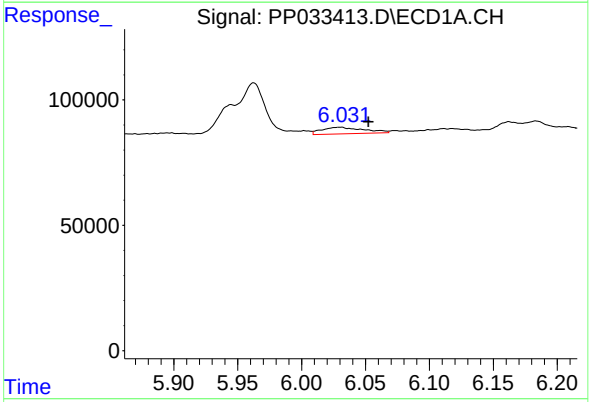
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 59942
Conc: 36.57 ng/ml

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



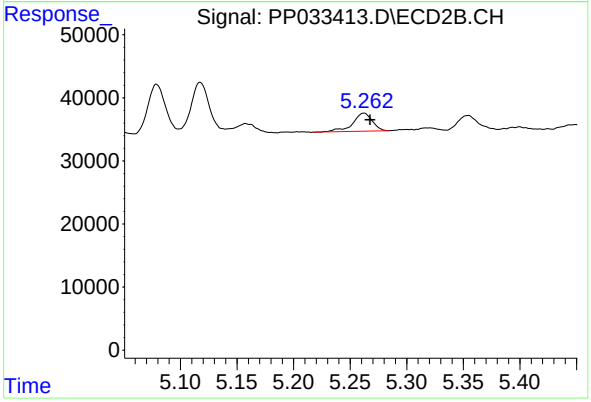

#3 AR-1016-1

R.T.: 5.262 min
Delta R.T.: 0.014 min
Response: 34386
Conc: 31.33 ng/ml



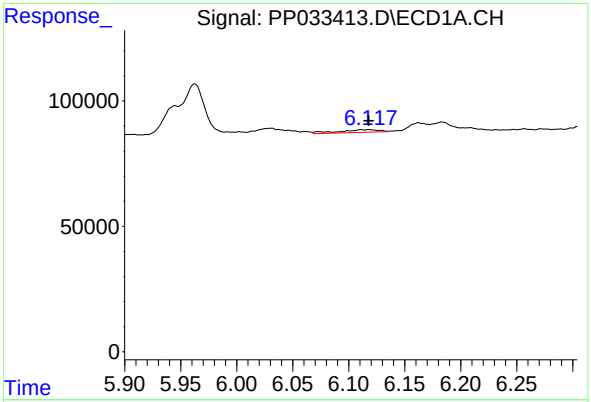

#4 AR-1016-2

R.T.: 6.031 min
Delta R.T.: -0.022 min
Response: 59942
Conc: 23.94 ng/ml




#4 AR-1016-2

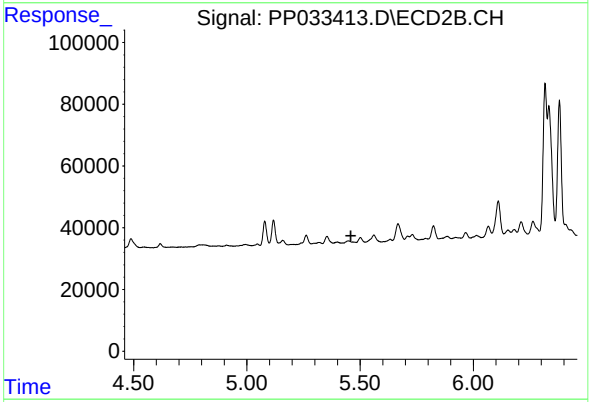
R.T.: 5.262 min
Delta R.T.: -0.006 min
Response: 34386
Conc: 21.07 ng/ml




#5 AR-1016-3

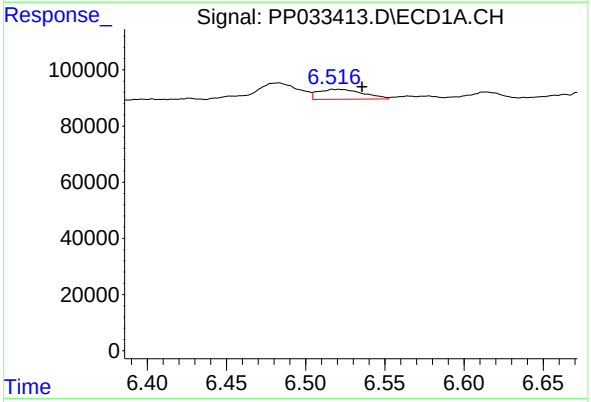
R.T.: 6.111 min
Delta R.T.: -0.007 min
Response: 27822
Conc: 17.54 ng/ml

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



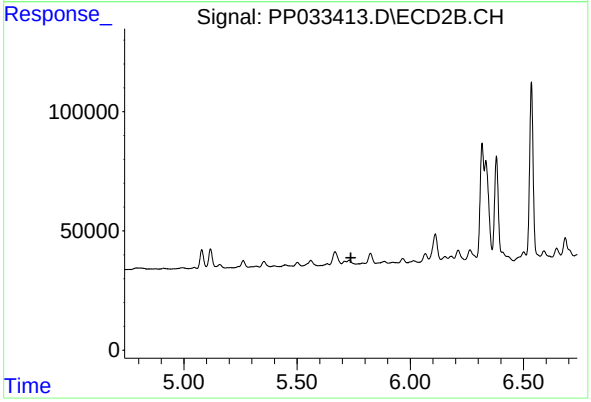

#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.459 min
Response: 0
Conc: N.D.



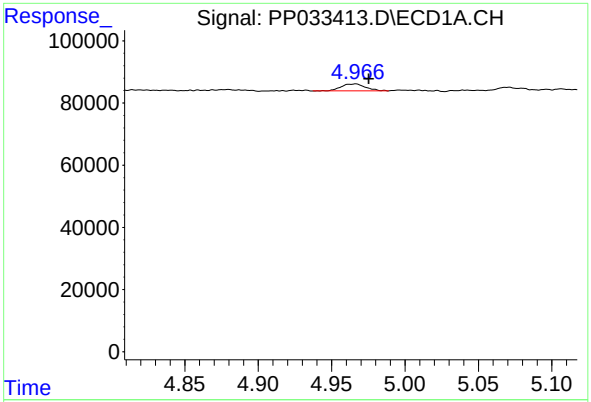

#7 AR-1016-5

R.T.: 6.521 min
Delta R.T.: -0.014 min
Response: 69747
Conc: 53.18 ng/ml




#7 AR-1016-5

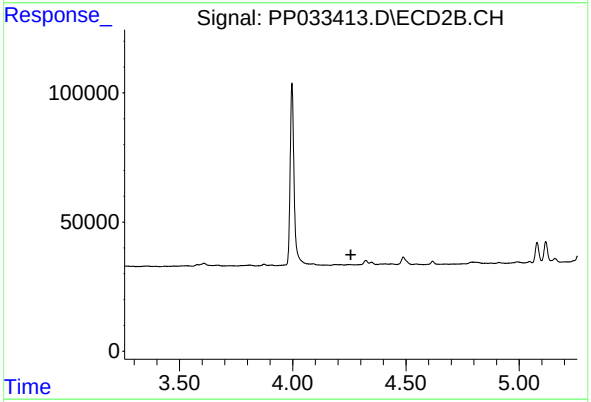
R.T.: 0.000 min
Exp R.T. : 5.738 min
Response: 0
Conc: N.D.




#8 AR-1221-1

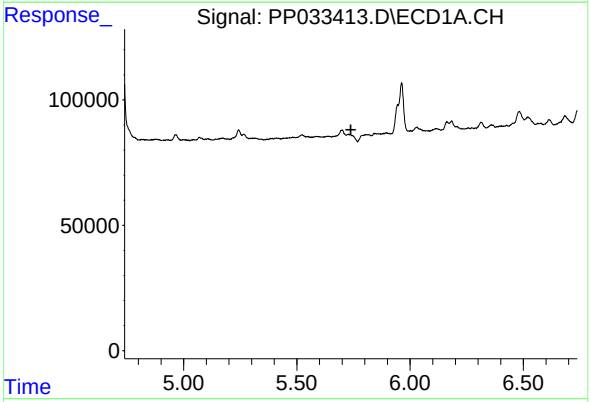
R.T.: 4.967 min
Delta R.T.: -0.009 min
Response: 25705
Conc: 41.67 ng/ml

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



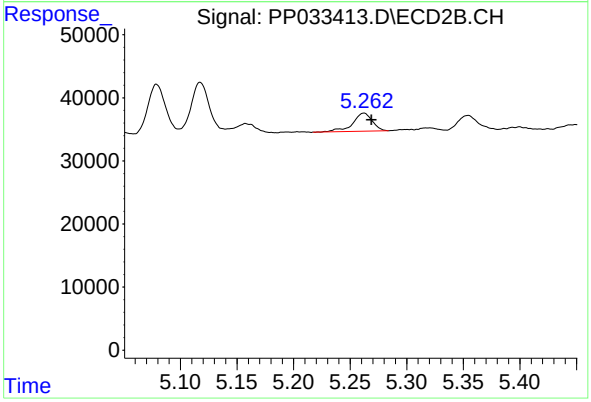

#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.257 min
Response: 0
Conc: N.D.



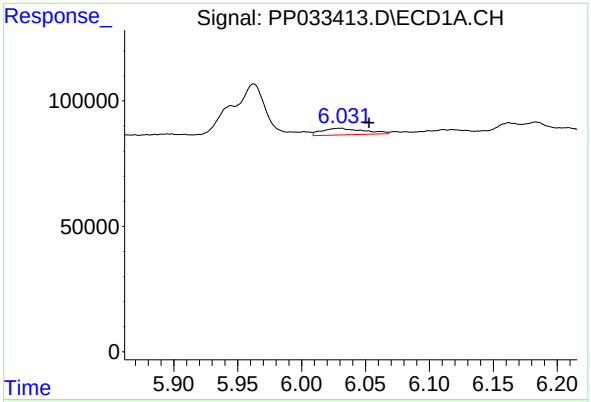

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.738 min
Response: 0
Conc: N.D.




#12 AR-1232-2

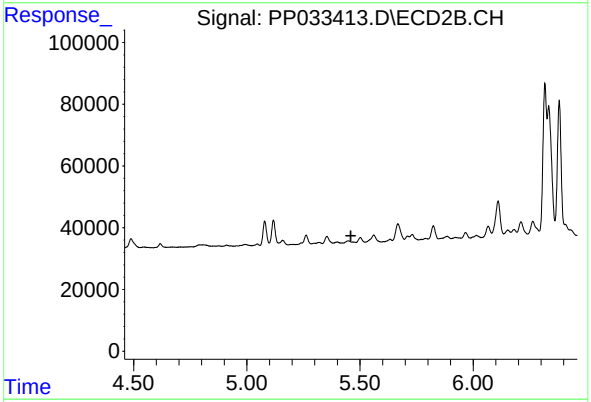
R.T.: 5.262 min
Delta R.T.: -0.007 min
Response: 34386
Conc: 46.51 ng/ml




#13 AR-1232-3

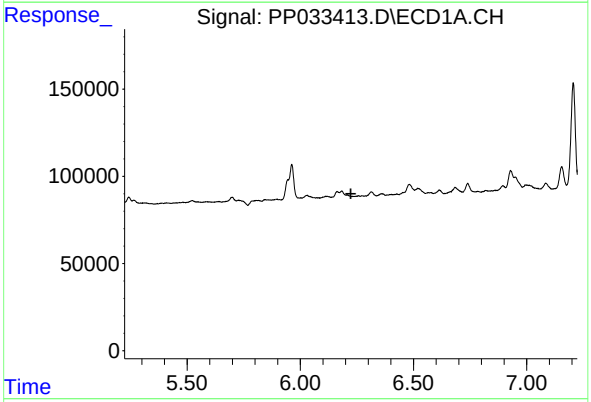
R.T.: 6.031 min
Delta R.T.: -0.022 min
Response: 59942
Conc: 54.64 ng/ml

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



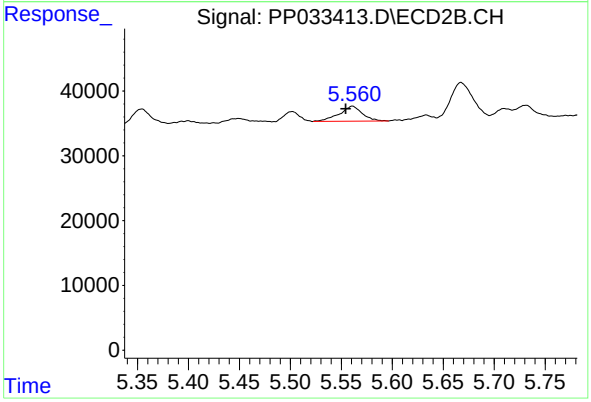

#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



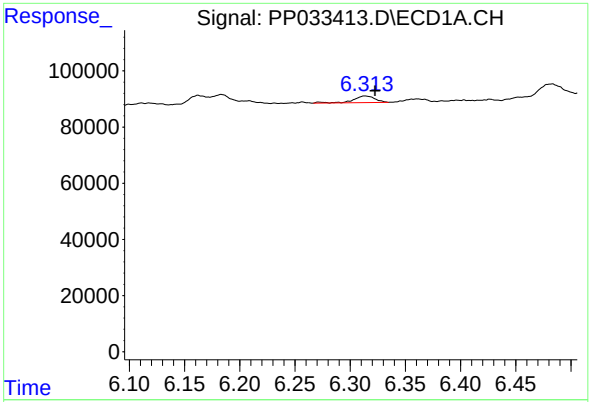

#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.224 min
Response: 0
Conc: N.D.




#14 AR-1232-4

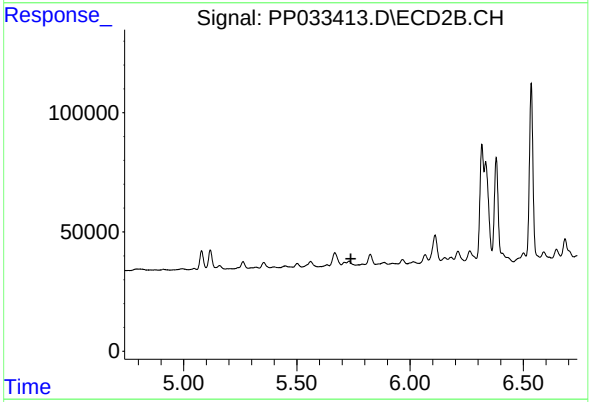
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 36469
Conc: 104.03 ng/ml




#15 AR-1232-5

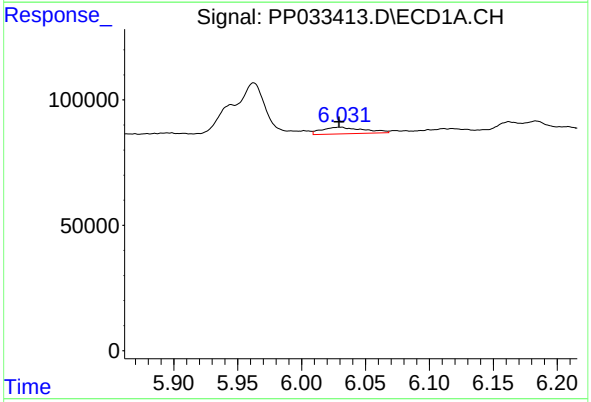
R.T.: 6.313 min
Delta R.T.: -0.009 min
Response: 32830
Conc: 89.84 ng/ml

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



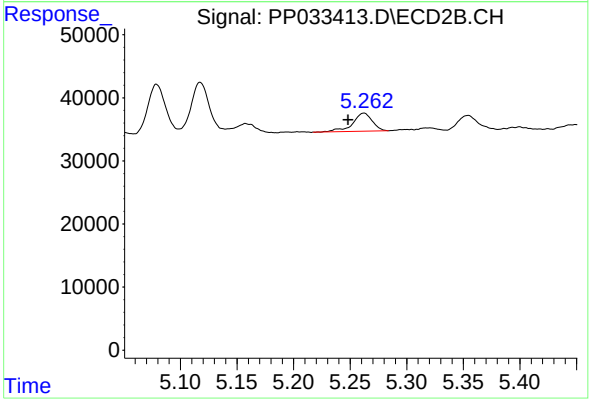

#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.738 min
Response: 0
Conc: N.D.



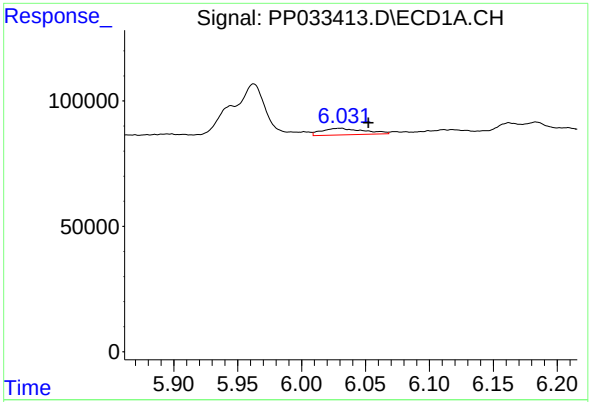

#16 AR-1242-1

R.T.: 6.031 min
Delta R.T.: 0.001 min
Response: 59942
Conc: 46.11 ng/ml




#16 AR-1242-1

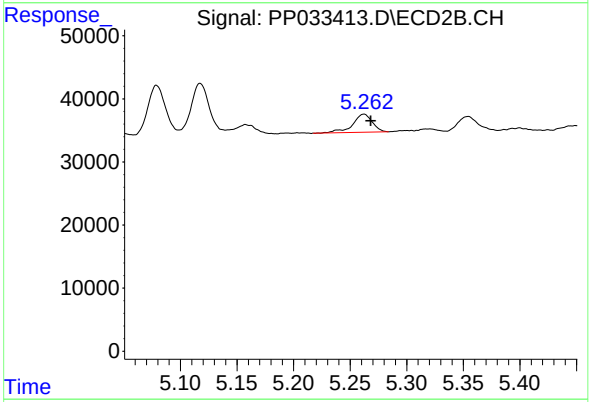
R.T.: 5.262 min
Delta R.T.: 0.014 min
Response: 34386
Conc: 39.73 ng/ml




#17 AR-1242-2

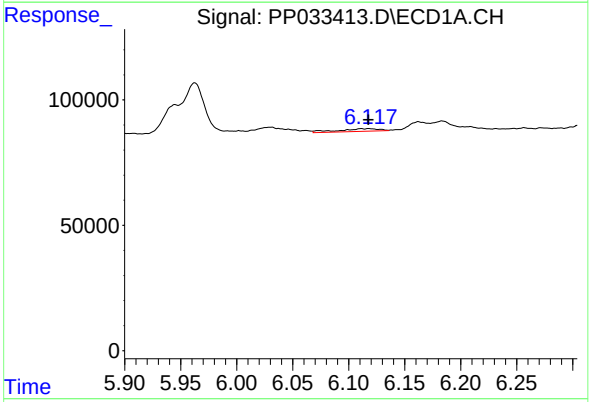
R.T.: 6.031 min
Delta R.T.: -0.022 min
Response: 59942
Conc: 30.42 ng/ml

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



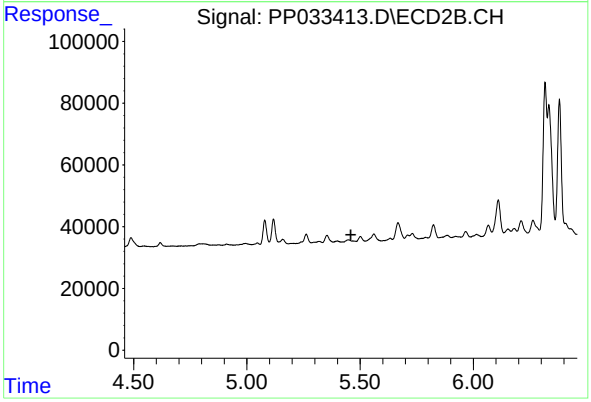

#17 AR-1242-2

R.T.: 5.262 min
Delta R.T.: -0.006 min
Response: 34386
Conc: 26.79 ng/ml



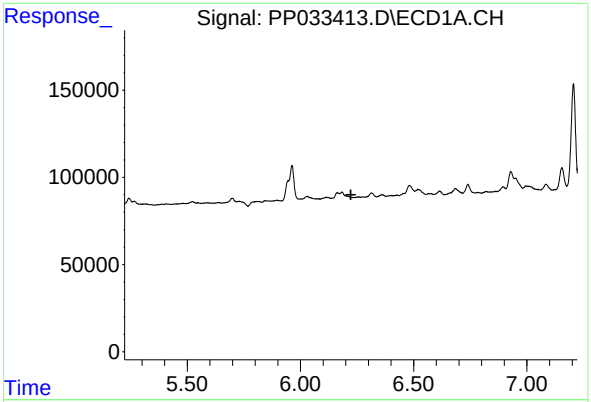

#18 AR-1242-3

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 27822
Conc: 21.95 ng/ml




#18 AR-1242-3

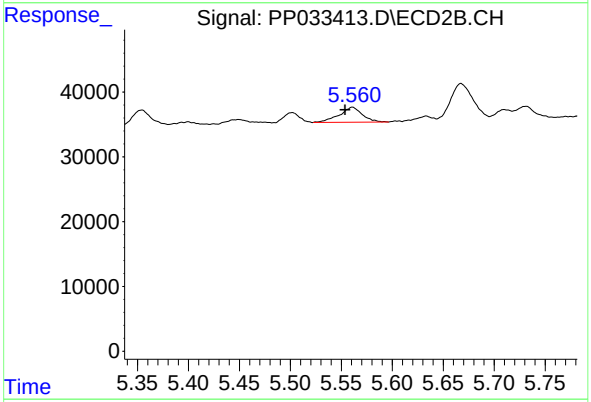
R.T.: 0.000 min
Exp R.T. : 5.459 min
Response: 0
Conc: N.D.




#19 AR-1242-4

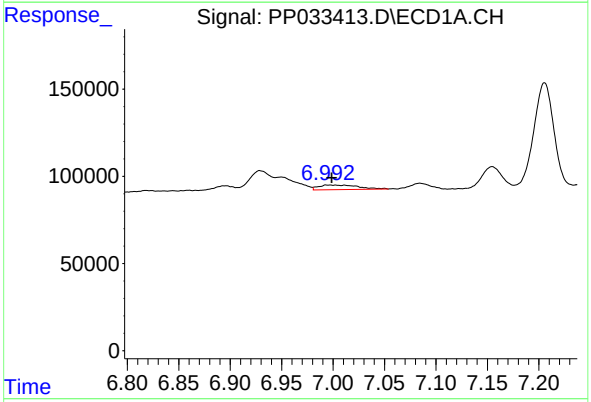
R.T.: 0.000 min
Exp R.T. : 6.222 min
Response: 0
Conc: N.D.

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



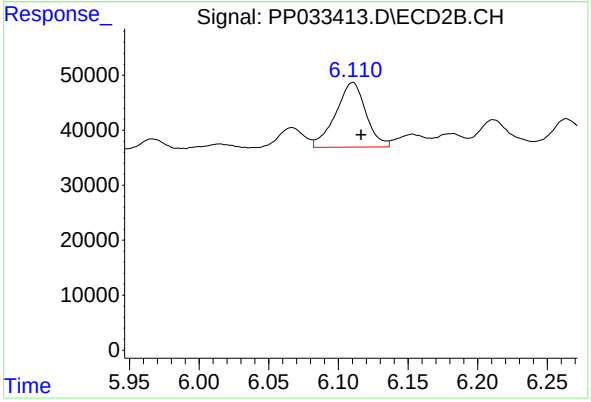

#19 AR-1242-4

R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 36469
Conc: 52.36 ng/ml



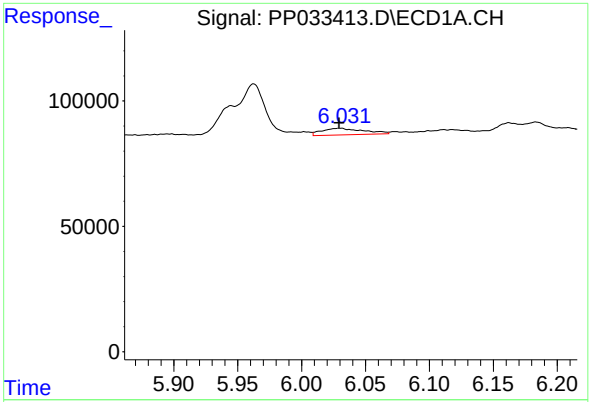

#20 AR-1242-5

R.T.: 7.003 min
Delta R.T.: 0.004 min
Response: 69695
Conc: 67.08 ng/ml




#20 AR-1242-5

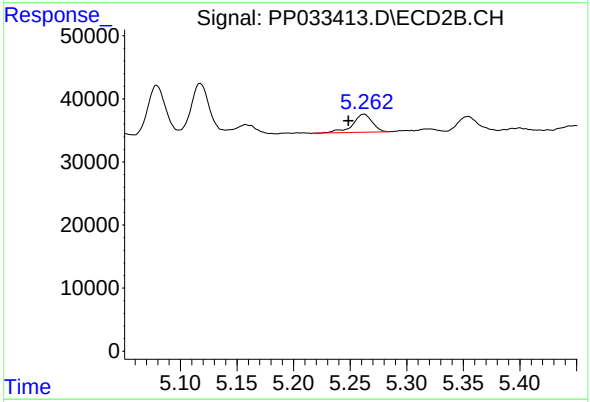
R.T.: 6.110 min
Delta R.T.: -0.006 min
Response: 178163
Conc: 211.00 ng/ml




#21 AR-1248-1

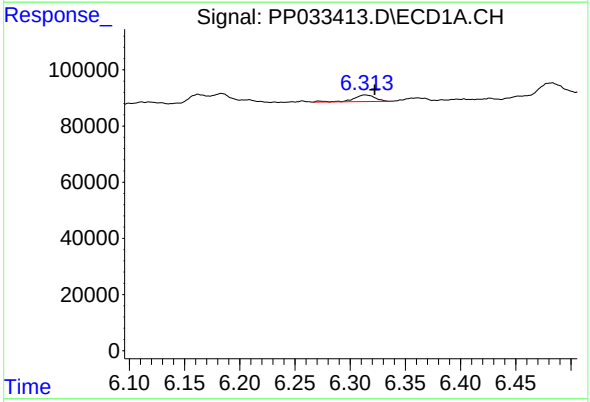
R.T.: 6.031 min
Delta R.T.: 0.001 min
Response: 59942
Conc: 62.60 ng/ml

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



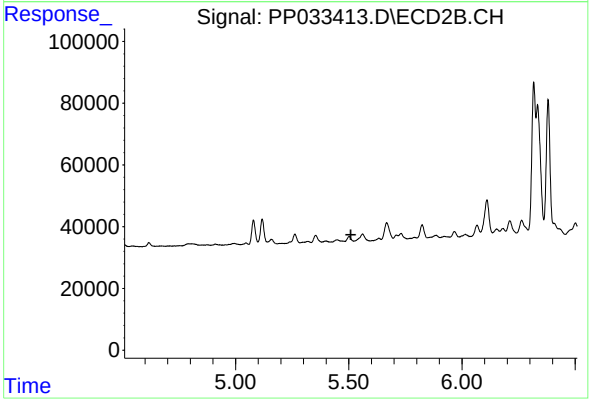

#21 AR-1248-1

R.T.: 5.262 min
Delta R.T.: 0.014 min
Response: 34386
Conc: 52.87 ng/ml



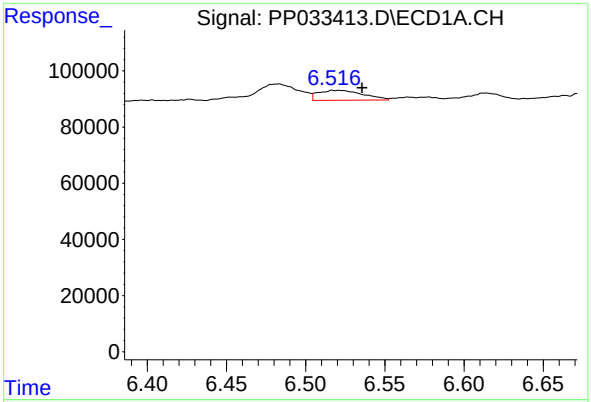

#22 AR-1248-2

R.T.: 6.313 min
Delta R.T.: -0.009 min
Response: 32830
Conc: 24.78 ng/ml




#22 AR-1248-2

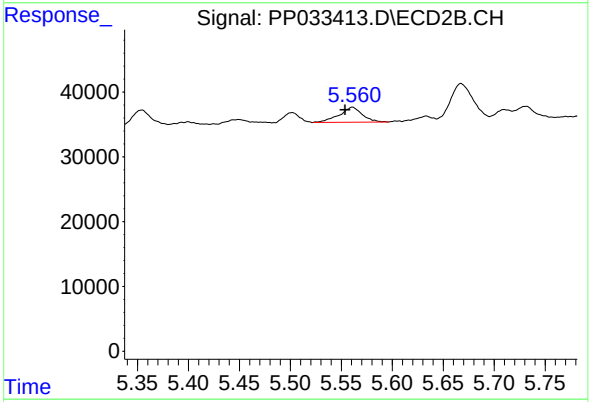
R.T.: 0.000 min
Exp R.T. : 5.510 min
Response: 0
Conc: N.D.




#23 AR-1248-3

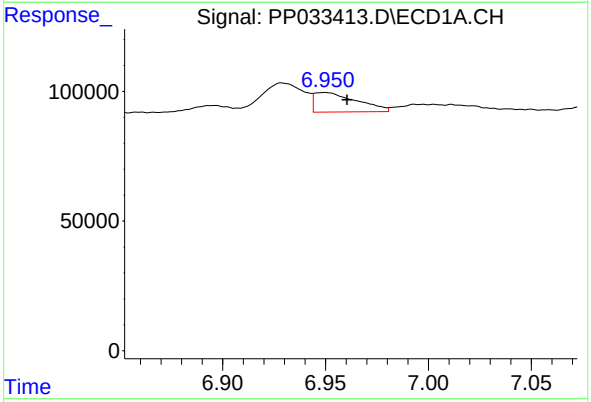
R.T.: 6.521 min
Delta R.T.: -0.015 min
Response: 69747
Conc: 43.07 ng/ml

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



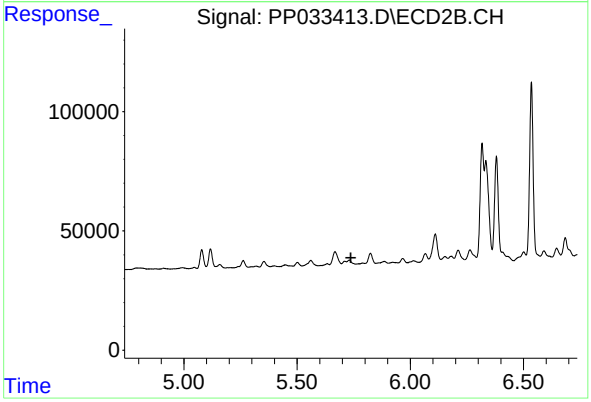

#23 AR-1248-3

R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 36469
Conc: 35.87 ng/ml



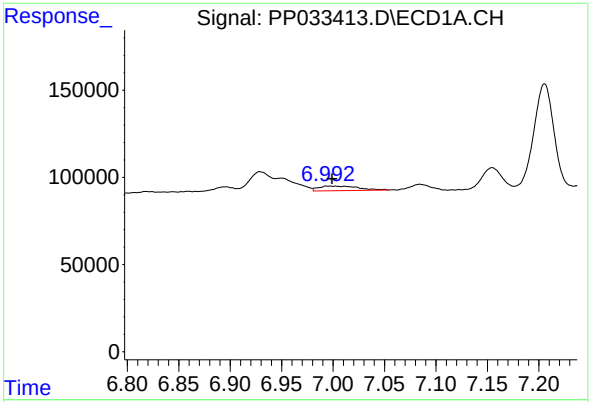

#24 AR-1248-4

R.T.: 6.950 min
Delta R.T.: -0.011 min
Response: 108406
Conc: 63.00 ng/ml




#24 AR-1248-4

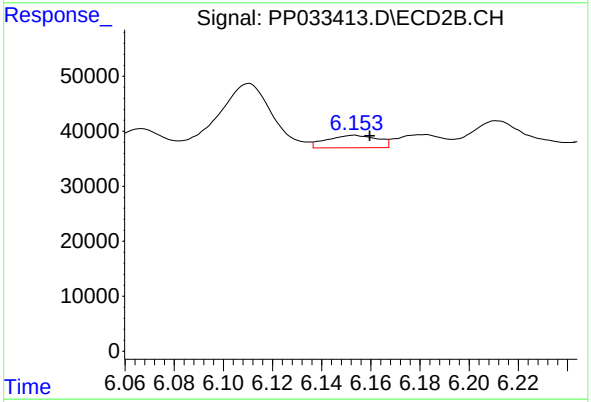
R.T.: 0.000 min
Exp R.T. : 5.738 min
Response: 0
Conc: N.D.




#25 AR-1248-5

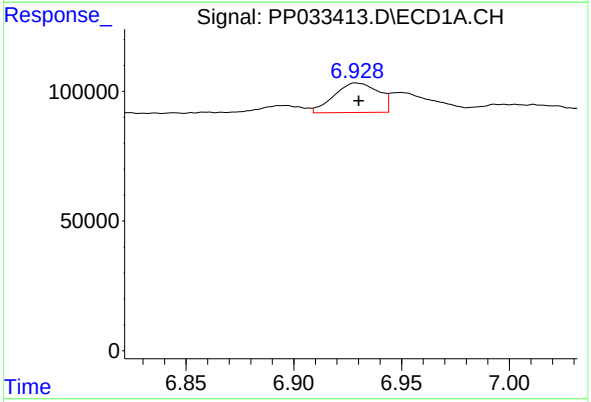
R.T.: 7.003 min
Delta R.T.: 0.004 min
Response: 69695
Conc: 40.05 ng/ml

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



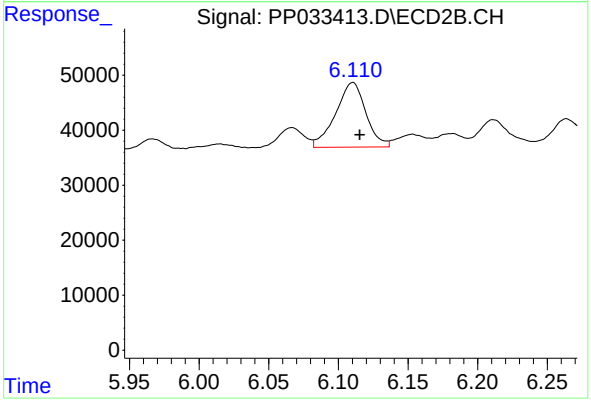

#25 AR-1248-5

R.T.: 6.153 min
Delta R.T.: -0.006 min
Response: 32755
Conc: 29.00 ng/ml



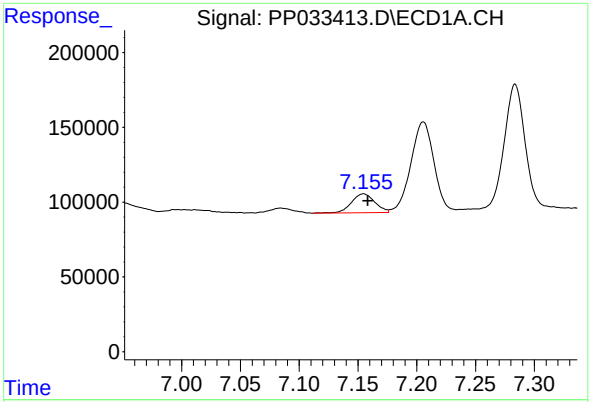

#26 AR-1254-1

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 163592
Conc: 87.13 ng/ml




#26 AR-1254-1

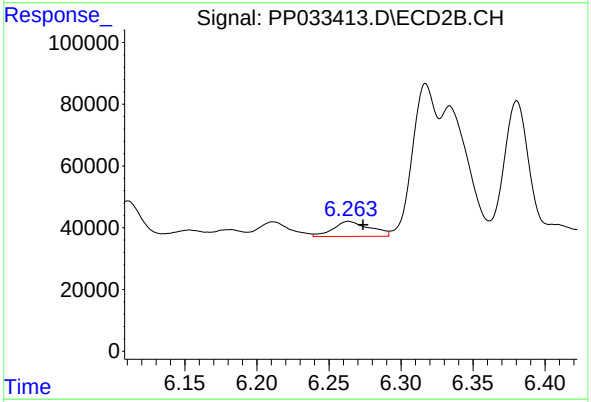
R.T.: 6.110 min
Delta R.T.: -0.005 min
Response: 178163
Conc: 93.22 ng/ml




#27 AR-1254-2

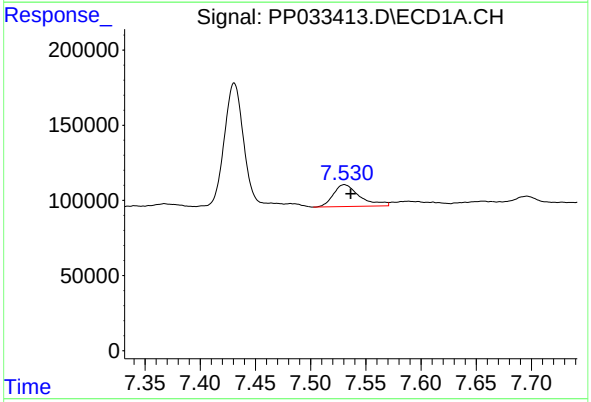
R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 174900
Conc: 59.66 ng/ml

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



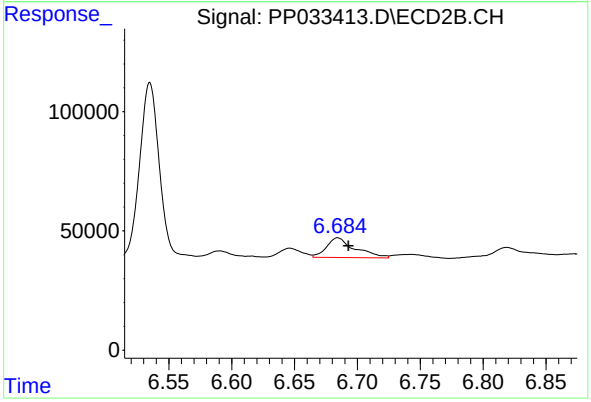

#27 AR-1254-2

R.T.: 6.264 min
Delta R.T.: -0.010 min
Response: 87134
Conc: 53.14 ng/ml



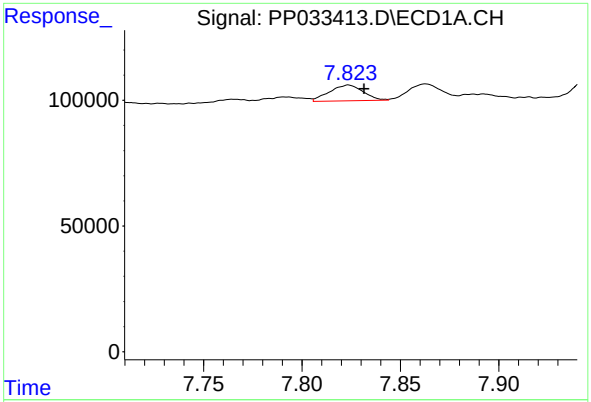

#28 AR-1254-3

R.T.: 7.531 min
Delta R.T.: -0.006 min
Response: 242980
Conc: 80.00 ng/ml




#28 AR-1254-3

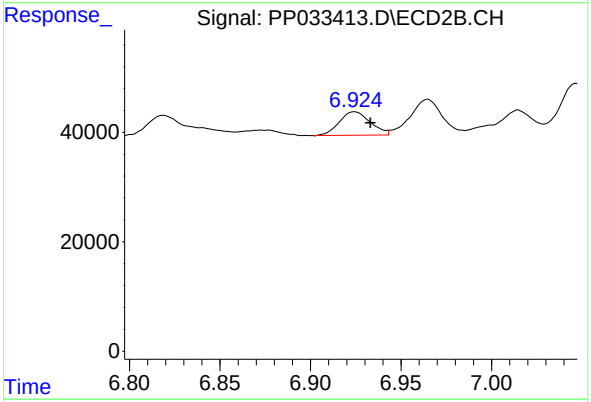
R.T.: 6.684 min
Delta R.T.: -0.008 min
Response: 130309
Conc: 48.48 ng/ml




#29 AR-1254-4

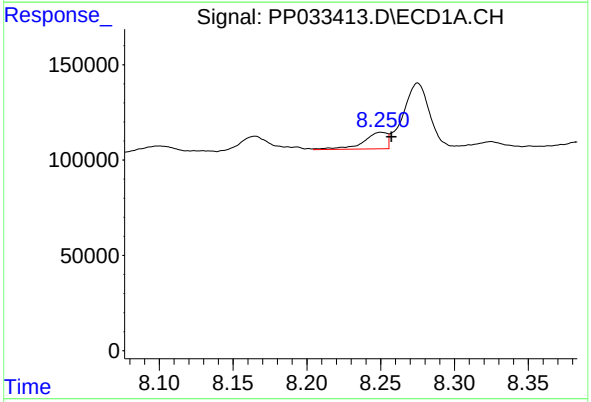
R.T.: 7.824 min
Delta R.T.: -0.008 min
Response: 75414
Conc: 32.60 ng/ml

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



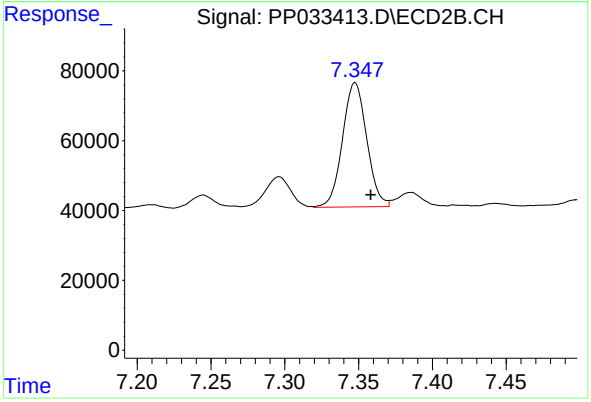

#29 AR-1254-4

R.T.: 6.924 min
Delta R.T.: -0.009 min
Response: 51209
Conc: 34.30 ng/ml



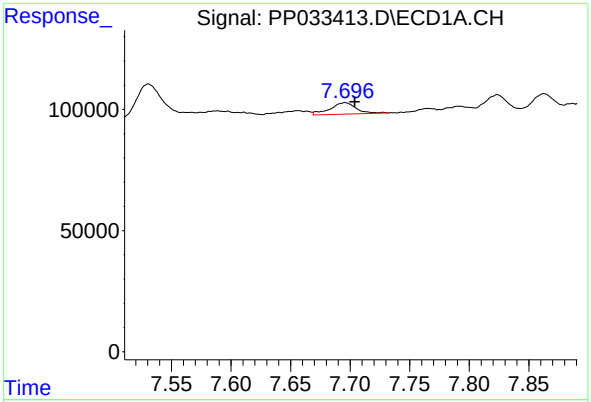

#30 AR-1254-5

R.T.: 8.250 min
Delta R.T.: -0.007 min
Response: 96302
Conc: 39.80 ng/ml




#30 AR-1254-5

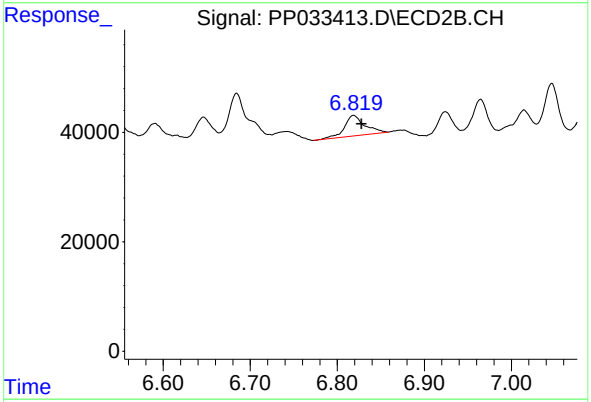
R.T.: 7.348 min
Delta R.T.: -0.011 min
Response: 407157
Conc: 168.15 ng/ml




#31 AR-1260-1

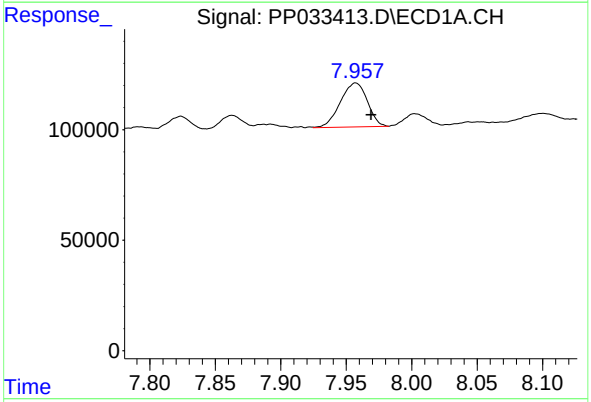
R.T.: 7.696 min
Delta R.T.: -0.008 min
Response: 72622
Conc: 33.17 ng/ml

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



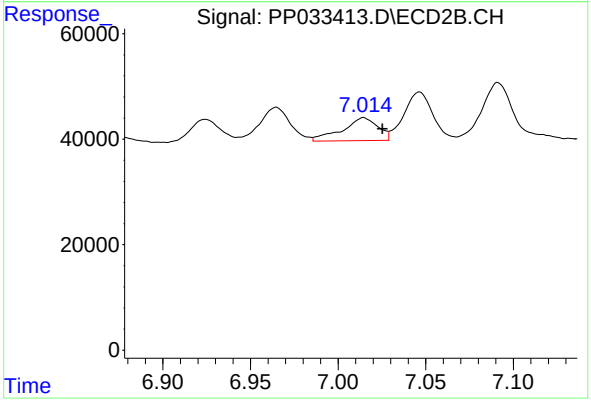

#31 AR-1260-1

R.T.: 6.819 min
Delta R.T.: -0.009 min
Response: 61216
Conc: 35.69 ng/ml



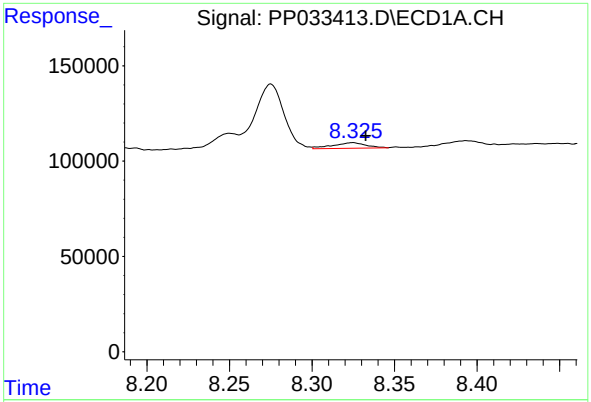

#32 AR-1260-2

R.T.: 7.957 min
Delta R.T.: -0.012 min
Response: 285609
Conc: 97.72 ng/ml




#32 AR-1260-2

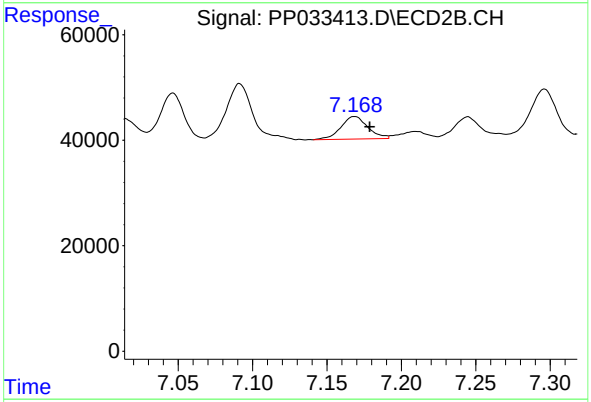
R.T.: 7.015 min
Delta R.T.: -0.011 min
Response: 61590
Conc: 30.48 ng/ml




#33 AR-1260-3

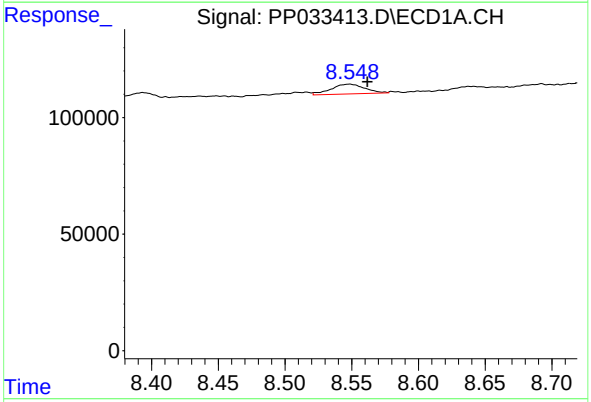
R.T.: 8.325 min
Delta R.T.: -0.008 min
Response: 40488
Conc: 15.82 ng/ml

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



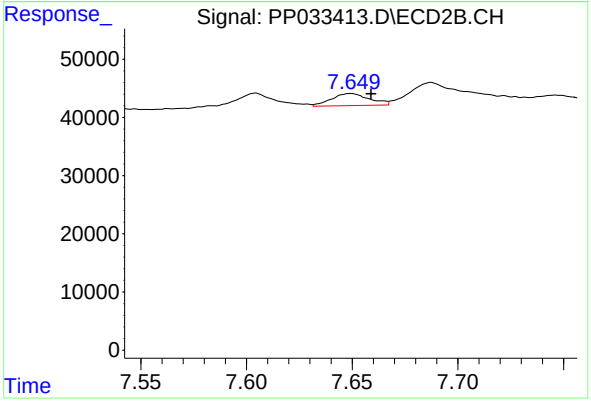

#33 AR-1260-3

R.T.: 7.169 min
Delta R.T.: -0.010 min
Response: 53850
Conc: 27.14 ng/ml



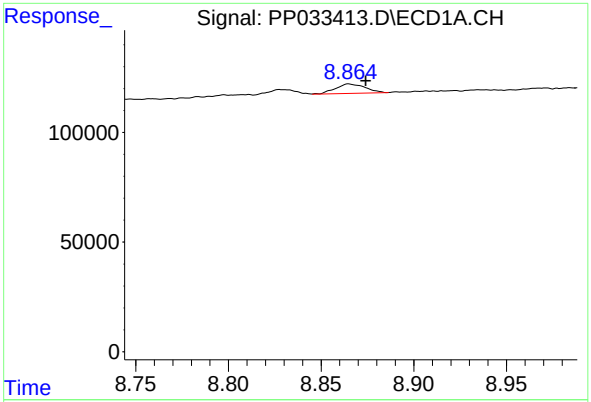

#34 AR-1260-4

R.T.: 8.548 min
Delta R.T.: -0.013 min
Response: 74063
Conc: 30.32 ng/ml




#34 AR-1260-4

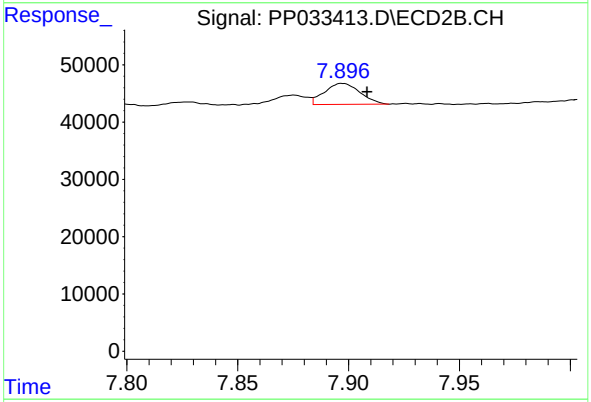
R.T.: 7.649 min
Delta R.T.: -0.010 min
Response: 25889
Conc: 15.39 ng/ml




#35 AR-1260-5

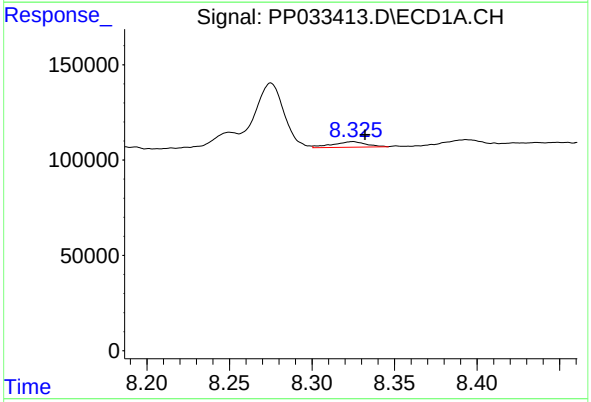
R.T.: 8.865 min
Delta R.T.: -0.009 min
Response: 48178
Conc: 8.95 ng/ml

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



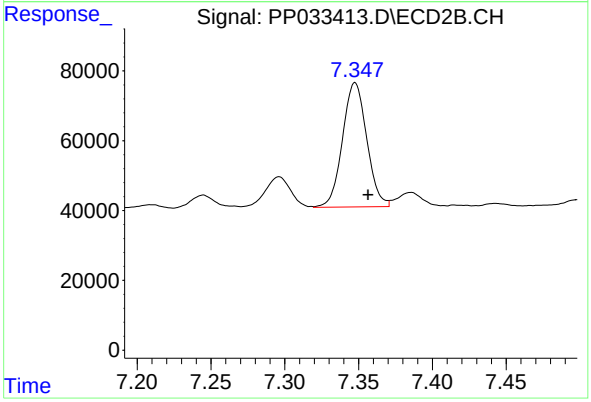

#35 AR-1260-5

R.T.: 7.897 min
Delta R.T.: -0.011 min
Response: 41035
Conc: 10.66 ng/ml



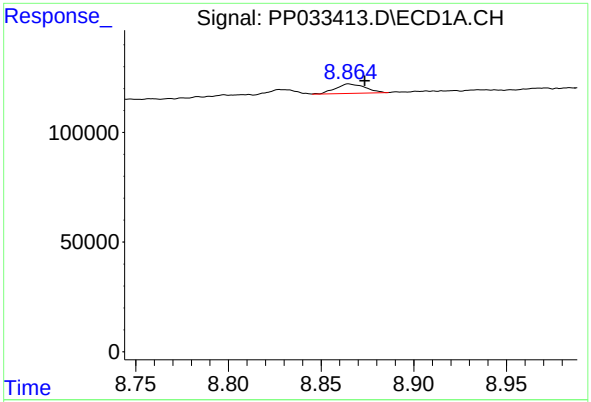

#36 AR-1262-1

R.T.: 8.325 min
Delta R.T.: -0.008 min
Response: 40488
Conc: 10.65 ng/ml




#36 AR-1262-1

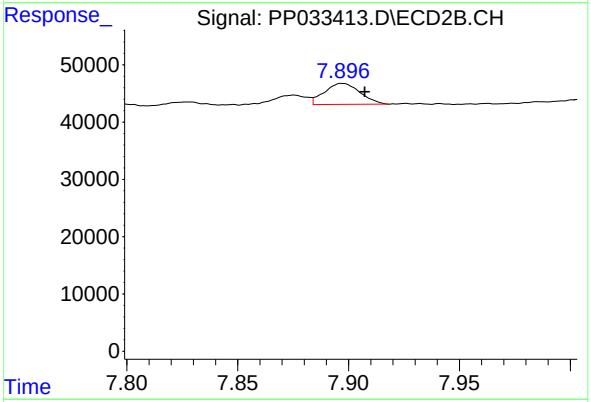
R.T.: 7.348 min
Delta R.T.: -0.009 min
Response: 407157
Conc: 326.92 ng/ml




#37 AR-1262-2

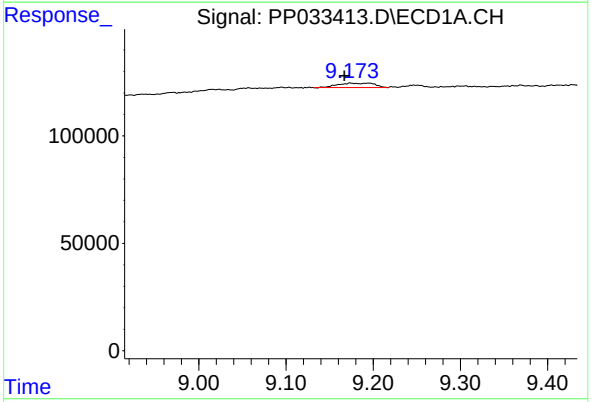
R.T.: 8.865 min
Delta R.T.: -0.008 min
Response: 48178
Conc: 7.69 ng/ml

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



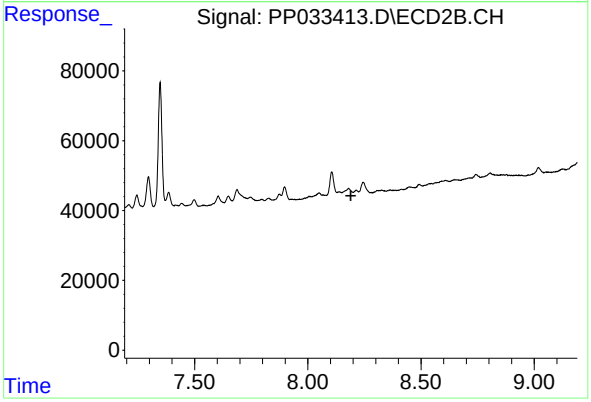

#37 AR-1262-2

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 41035
Conc: 9.33 ng/ml



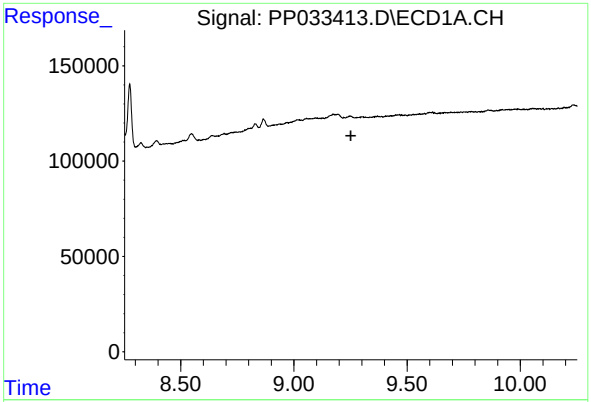

#38 AR-1262-3

R.T.: 9.195 min
Delta R.T.: 0.028 min
Response: 58173
Conc: 14.19 ng/ml




#38 AR-1262-3

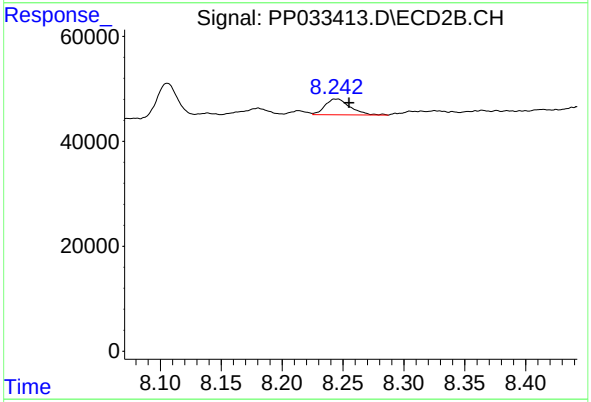
R.T.: 0.000 min
Exp R.T. : 8.191 min
Response: 0
Conc: N.D.




#39 AR-1262-4

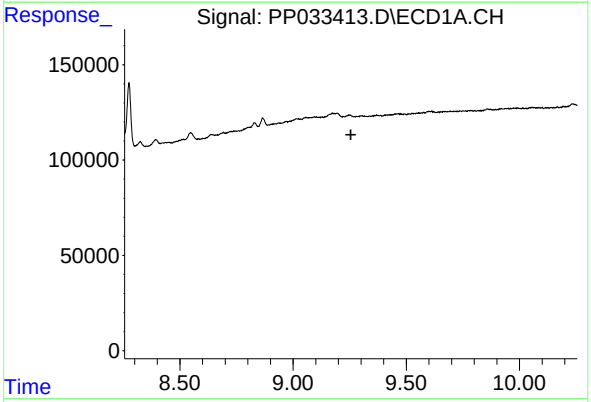
R.T.: 0.000 min
Exp R.T. : 9.252 min
Response: 0
Conc: N.D.

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



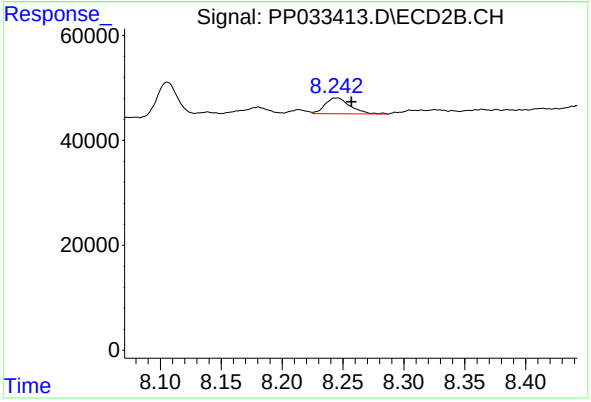

#39 AR-1262-4

R.T.: 8.245 min
Delta R.T.: -0.010 min
Response: 43091
Conc: 12.63 ng/ml



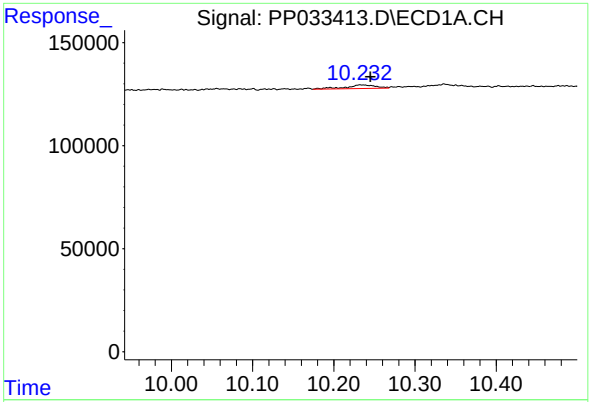

#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.255 min
Response: 0
Conc: N.D.




#42 AR-1268-2

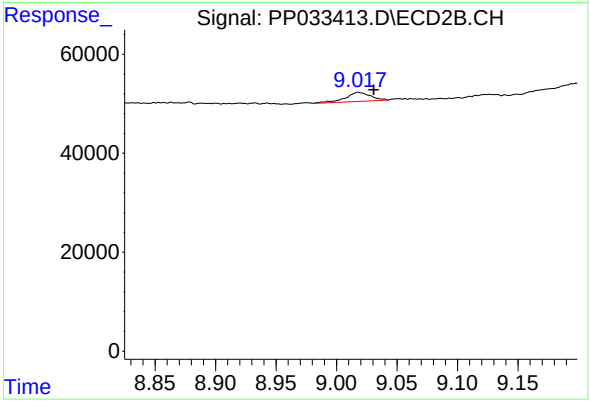
R.T.: 8.245 min
Delta R.T.: -0.013 min
Response: 43091
Conc: 8.76 ng/ml




#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: -0.013 min
Response: 44465
Conc: 2.72 ng/ml

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




#45 AR-1268-5

R.T.: 9.018 min
Delta R.T.: -0.013 min
Response: 26174
Conc: 2.05 ng/ml