Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122618\
Data File : PO052944.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Dec 2018 9:22
Operator : SM/SJ
Sample : J6188-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 09:49:27 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO122118.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Dec 24 02:43:03 2018
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... | 4.238 | 3.267 | 15027027 | 3347655 | 10.920 | 11.312 | |
| 2) | SA Decachlor... | 9.766 | 7.938 | 4891281 | 1910470 | 6.977 | 6.788 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 0.000 | 4.275 | 0 | 277160 | N.D. | 33.596 | # |
| 4) | L1 AR-1016-2 | 0.000 | 4.275 | 0 | 277160 | N.D. | 17.780 | # |
| 5) | L1 AR-1016-3 | 5.523 | 0.000 | 381441 | 0 | 12.175 | N.D. | # |
| 6) | L1 AR-1016-4 | 5.523 | 4.524 | 381441 | 767151 | 15.544 | 128.866 | # |
| 7) | L1 AR-1016-5 | 5.863 | 4.621 | 1031834 | 586019 | 43.719 | 79.950 | # |
| 9) | L2 AR-1221-2 | 0.000 | 3.586 | 0 | 140500 | N.D. | 59.969 | # |
| 10) | L2 AR-1221-3 | 4.674 | 3.586 | 590811 | 140500 | 19.469 | 19.117 | |
| 11) | L3 AR-1232-1 | 4.674 | 3.586 | 590811 | 140500 | 25.122 | 25.256 | |
| 12) | L3 AR-1232-2 | 5.131 | 4.275 | 102012 | 277160 | 8.467 | 39.680 | # |
| 14) | L3 AR-1232-4 | 5.523 | 4.524 | 381441 | 767151 | 36.505 | 270.862 | # |
| 15) | L3 AR-1232-5 | 0.000 | 4.621 | 0 | 586019 | N.D. | 159.082 | # |
| 16) | L4 AR-1242-1 | 0.000 | 4.275 | 0 | 277160 | N.D. | 43.007 | # |
| 17) | L4 AR-1242-2 | 0.000 | 4.275 | 0 | 277160 | N.D. | 21.666 | # |
| 18) | L4 AR-1242-3 | 5.523 | 0.000 | 381441 | 0 | 15.166 | N.D. | # |
| 19) | L4 AR-1242-4 | 5.523 | 4.524 | 381441 | 767151 | 18.961 | 130.095 | # |
| 20) | L4 AR-1242-5 | 6.244 | 5.009 | 3239817 | 1069654 | 167.943 | 145.853 | |
| 21) | L5 AR-1248-1 | 0.000 | 4.275 | 0 | 277160 | N.D. | 52.042 | # |
| 22) | L5 AR-1248-2 | 0.000 | 4.524 | 0 | 767151 | N.D. | 91.057 | # |
| 23) | L5 AR-1248-3 | 5.863 | 4.524 | 1031834 | 767151 | 32.018 | 89.902 | # |
| 24) | L5 AR-1248-4 | 6.244 | 4.621 | 3239817 | 586019 | 97.685 | 53.088 | # |
| 25) | L5 AR-1248-5 | 6.244 | 5.009 | 3239817 | 1069654 | 102.523 | 105.624 | |
| 26) | L6 AR-1254-1 | 6.244 | 5.009 | 3239817 | 1069654 | 84.356 | 62.548 | # |
| 27) | L6 AR-1254-2 | 6.459 | 5.186 | 2383557 | 2348390 | 41.946 | 159.267 | # |
| 28) | L6 AR-1254-3 | 6.815 | 5.482 | 512743 | 171680 | 8.587 | 7.481 | |
| 29) | L6 AR-1254-4 | 7.072 | 5.813 | 549889 | 312034 | 13.503 | 24.022 | # |
| 30) | L6 AR-1254-5 | 0.000 | 6.080 | 0 | 226391 | N.D. | 11.161 | # |
| 32) | L7 AR-1260-2 | 7.221 | 5.848 | 809259 | 195177 | 17.160 | 9.880 | # |

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

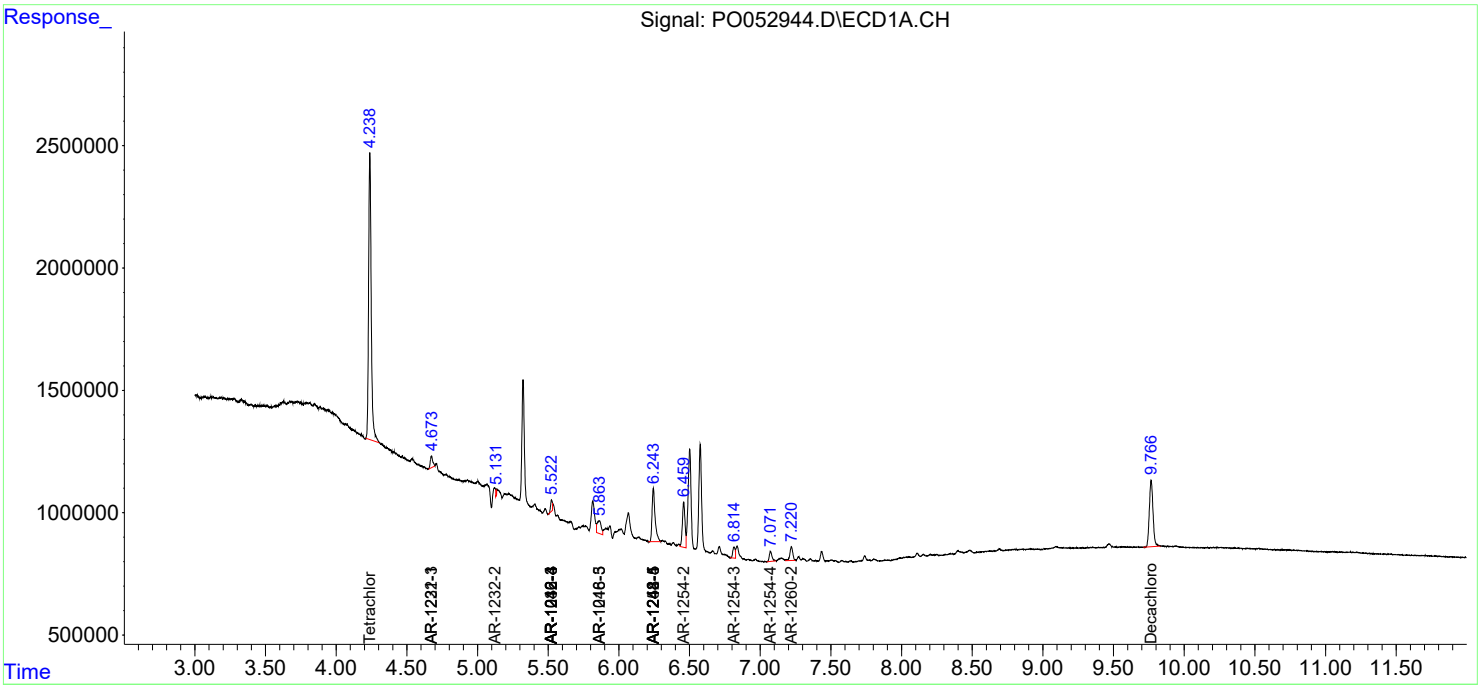
Quantitation Report (Not Reviewed)

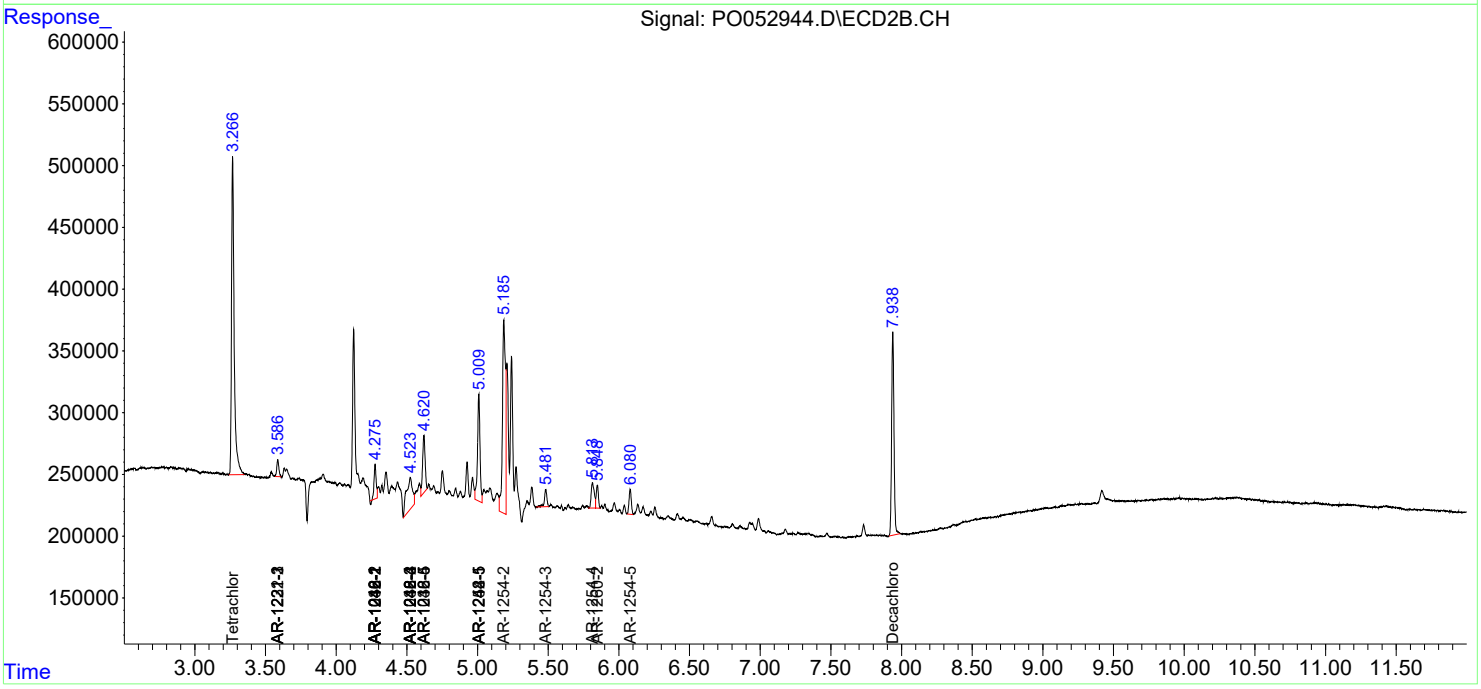
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122618\
Data File : PO052944.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Dec 2018 9:22
Operator : SM/SJ
Sample : J6188-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

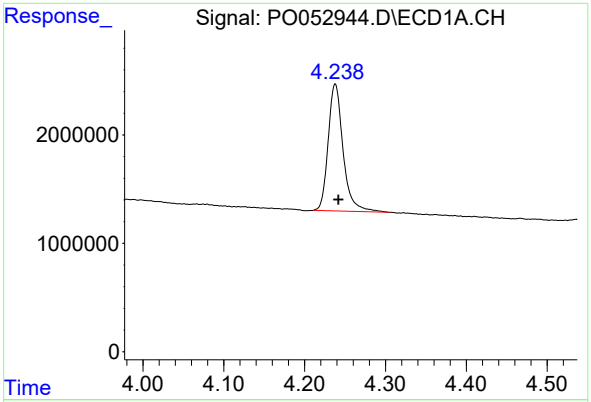
**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 09:49:27 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO122118.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Dec 24 02:43:03 2018
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



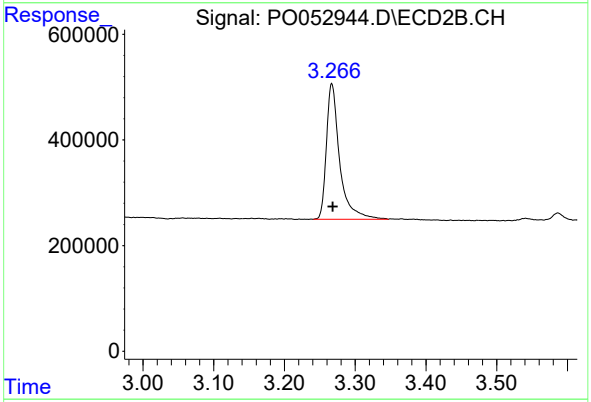






#1 Tetrachloro-m-xylene

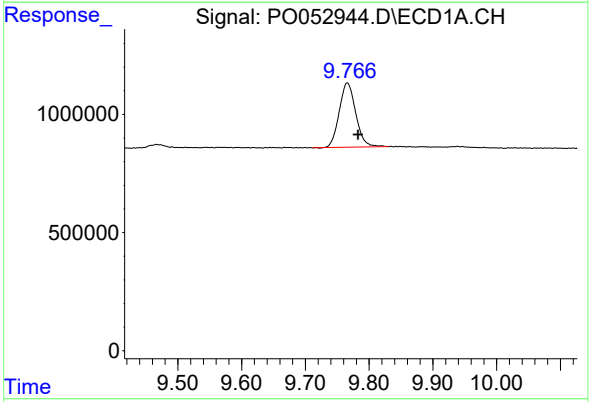
R.T.: 4.238 min
Delta R.T.: -0.004 min
Response: 15027027
Conc: 10.92 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



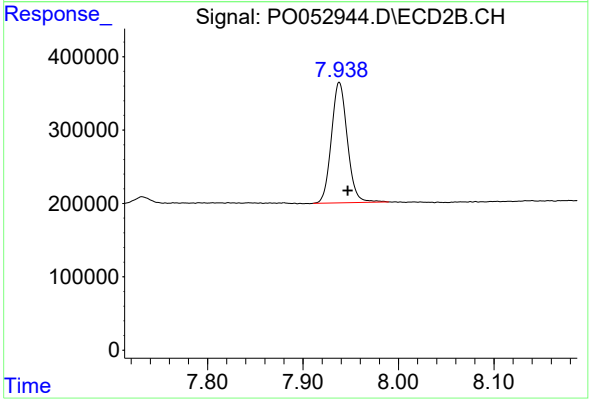

#1 Tetrachloro-m-xylene

R.T.: 3.267 min
Delta R.T.: -0.001 min
Response: 3347655
Conc: 11.31 ng/ml



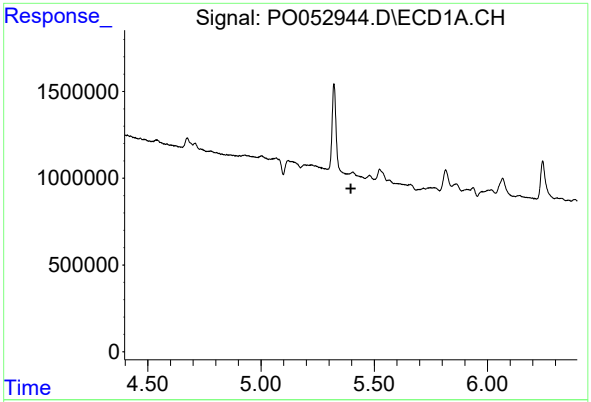

#2 Decachlorobiphenyl

R.T.: 9.766 min
Delta R.T.: -0.017 min
Response: 4891281
Conc: 6.98 ng/ml




#2 Decachlorobiphenyl

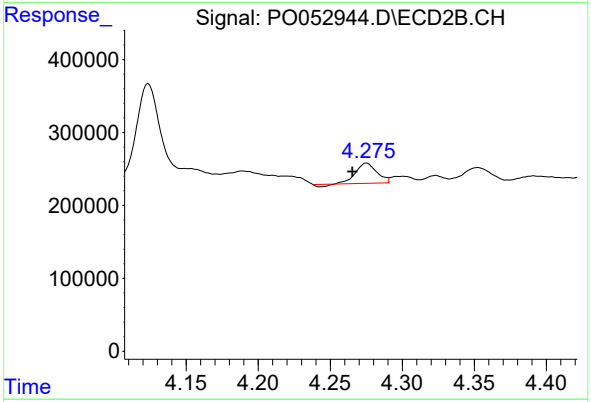
R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 1910470
Conc: 6.79 ng/ml




#3 AR-1016-1

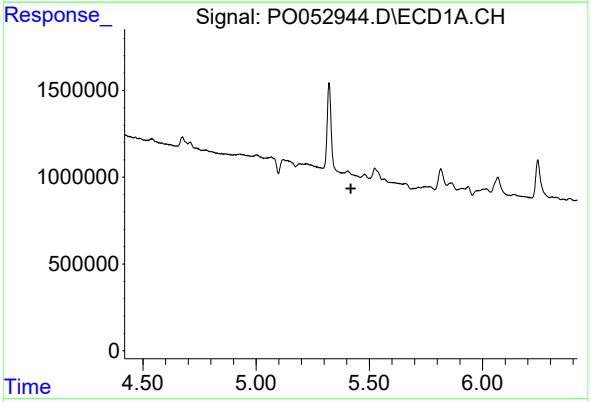
R.T.: 0.000 min
Exp R.T. : 5.396 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



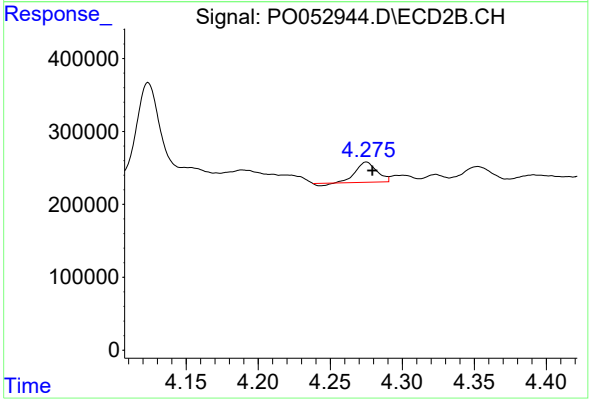

#3 AR-1016-1

R.T.: 4.275 min
Delta R.T.: 0.010 min
Response: 277160
Conc: 33.60 ng/ml



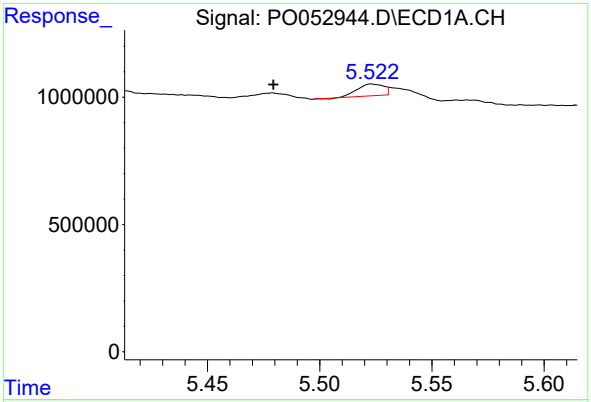

#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.418 min
Response: 0
Conc: N.D.




#4 AR-1016-2

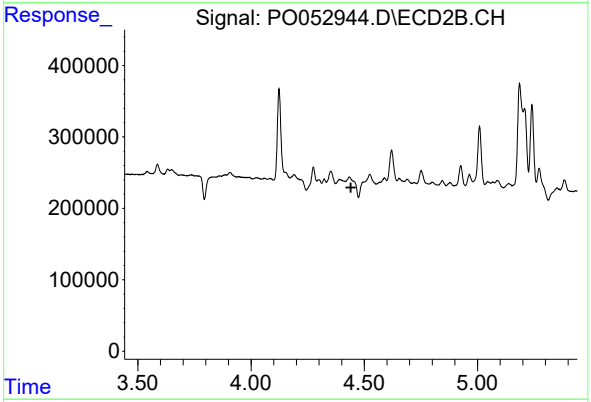
R.T.: 4.275 min
Delta R.T.: -0.004 min
Response: 277160
Conc: 17.78 ng/ml




#5 AR-1016-3

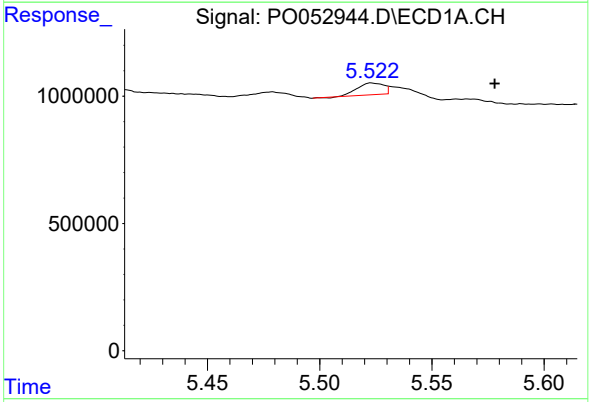
R.T.: 5.523 min
Delta R.T.: 0.044 min
Response: 381441
Conc: 12.17 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



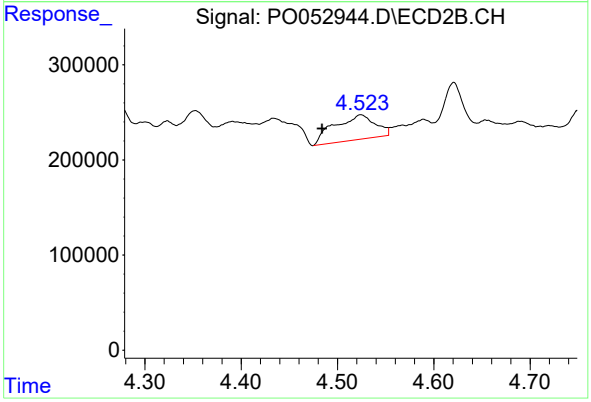

#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.441 min
Response: 0
Conc: N.D.



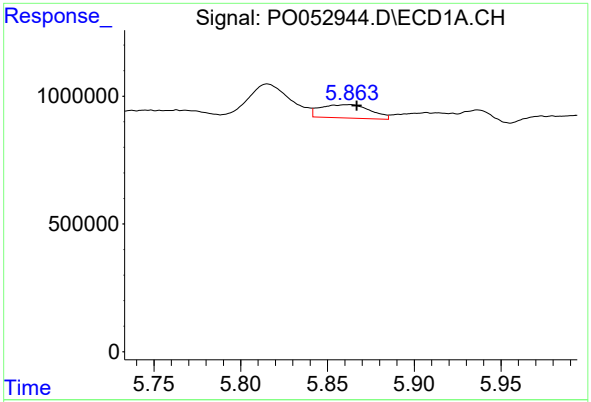

#6 AR-1016-4

R.T.: 5.523 min
Delta R.T.: -0.055 min
Response: 381441
Conc: 15.54 ng/ml




#6 AR-1016-4

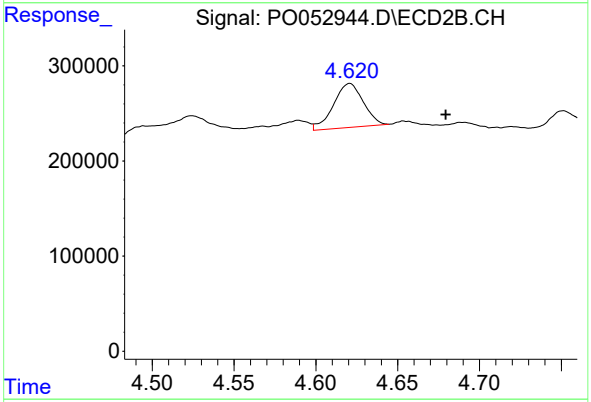
R.T.: 4.524 min
Delta R.T.: 0.040 min
Response: 767151
Conc: 128.87 ng/ml




#7 AR-1016-5

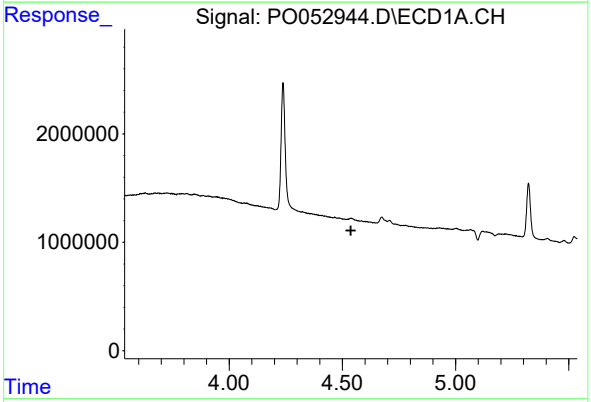
R.T.: 5.863 min
Delta R.T.: -0.004 min
Response: 1031834
Conc: 43.72 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



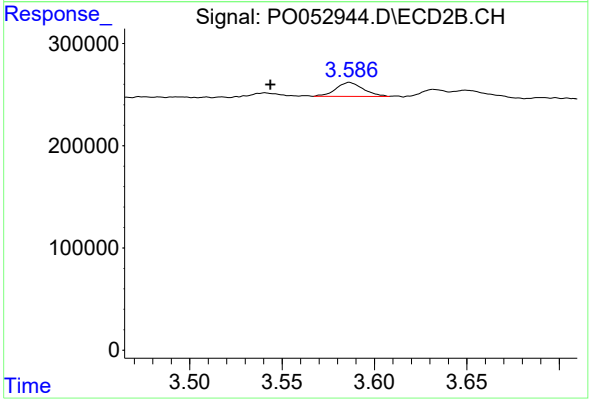

#7 AR-1016-5

R.T.: 4.621 min
Delta R.T.: -0.058 min
Response: 586019
Conc: 79.95 ng/ml



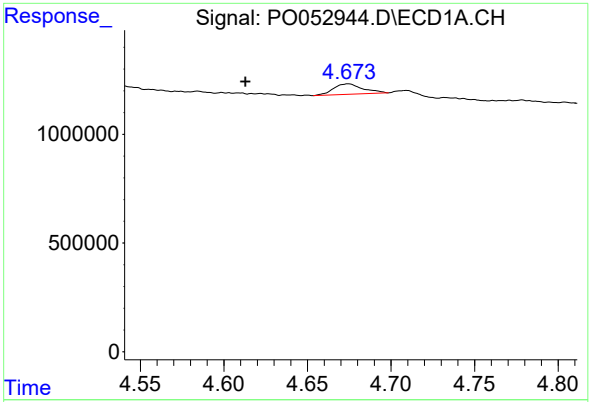

#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.538 min
Response: 0
Conc: N.D.




#9 AR-1221-2

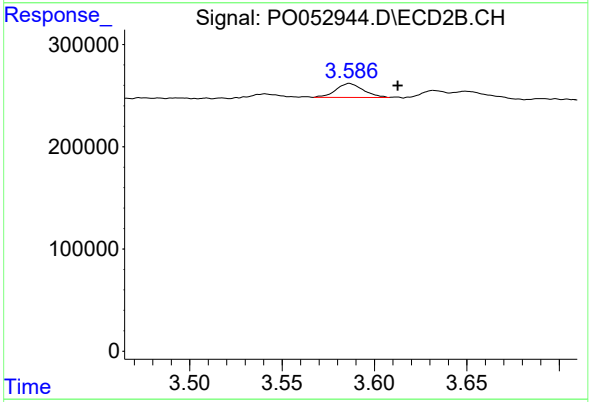
R.T.: 3.586 min
Delta R.T.: 0.043 min
Response: 140500
Conc: 59.97 ng/ml




#10 AR-1221-3

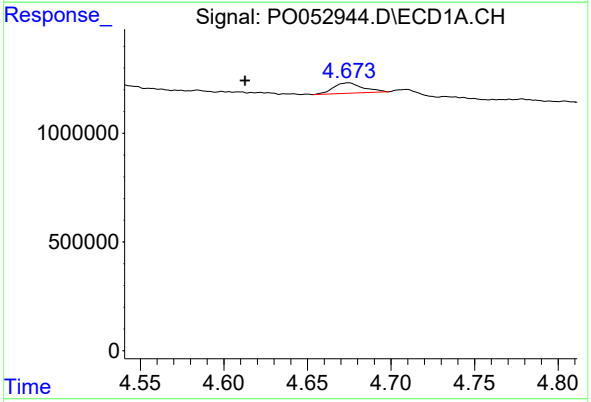
R.T.: 4.674 min
Delta R.T.: 0.061 min
Response: 590811
Conc: 19.47 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



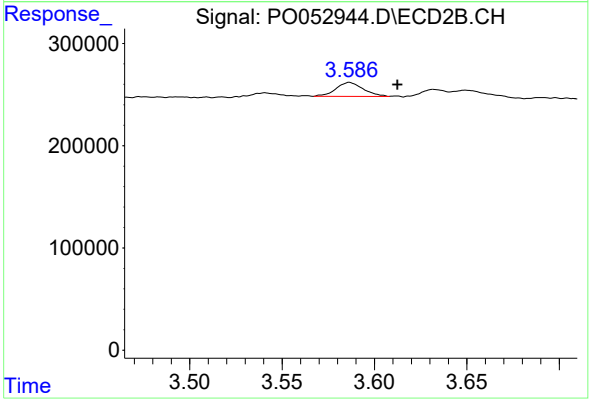

#10 AR-1221-3

R.T.: 3.586 min
Delta R.T.: -0.026 min
Response: 140500
Conc: 19.12 ng/ml



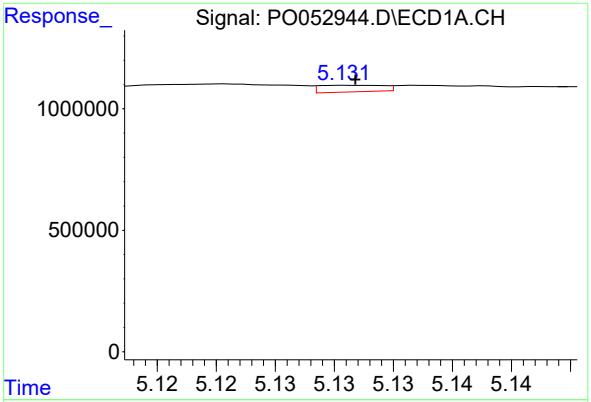

#11 AR-1232-1

R.T.: 4.674 min
Delta R.T.: 0.062 min
Response: 590811
Conc: 25.12 ng/ml




#11 AR-1232-1

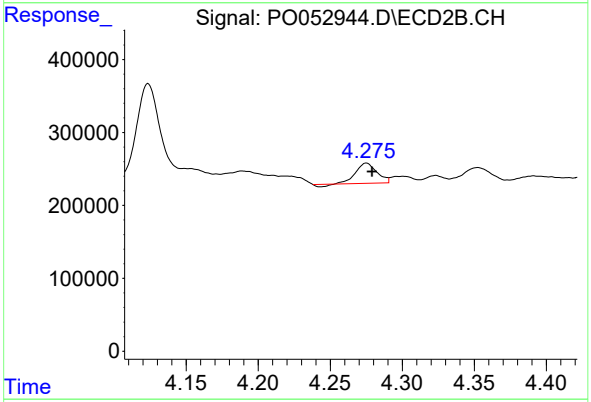
R.T.: 3.586 min
Delta R.T.: -0.026 min
Response: 140500
Conc: 25.26 ng/ml




#12 AR-1232-2

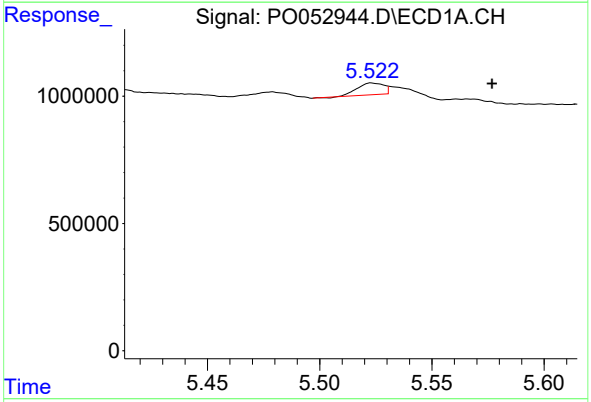
R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 102012
Conc: 8.47 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



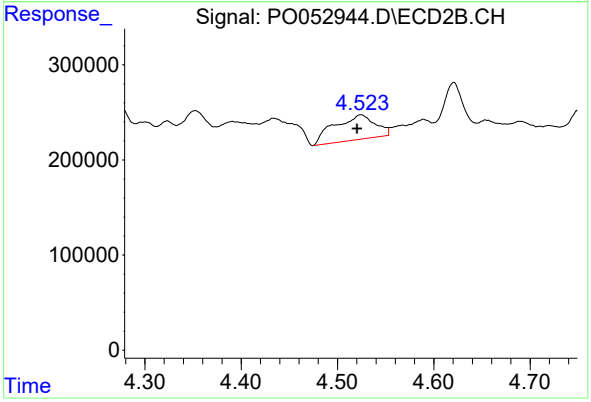

#12 AR-1232-2

R.T.: 4.275 min
Delta R.T.: -0.004 min
Response: 277160
Conc: 39.68 ng/ml



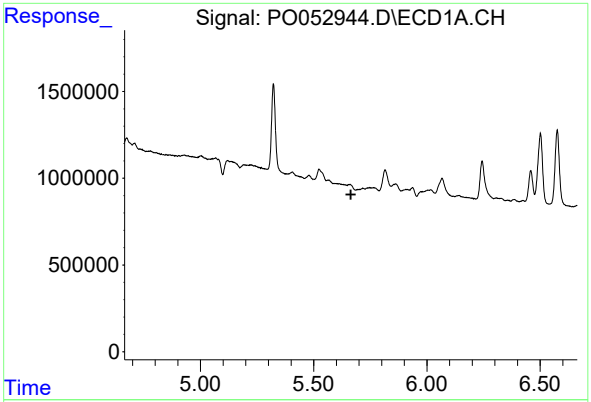

#14 AR-1232-4

R.T.: 5.523 min
Delta R.T.: -0.054 min
Response: 381441
Conc: 36.50 ng/ml




#14 AR-1232-4

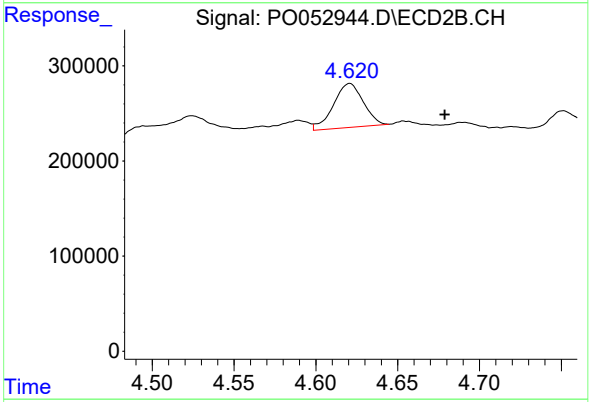
R.T.: 4.524 min
Delta R.T.: 0.004 min
Response: 767151
Conc: 270.86 ng/ml




#15 AR-1232-5

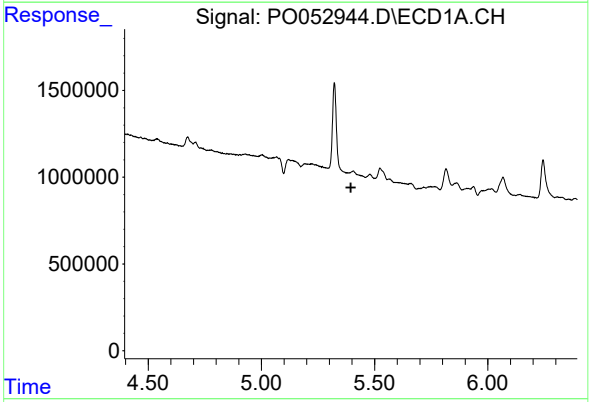
R.T.: 0.000 min
Exp R.T. : 5.664 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



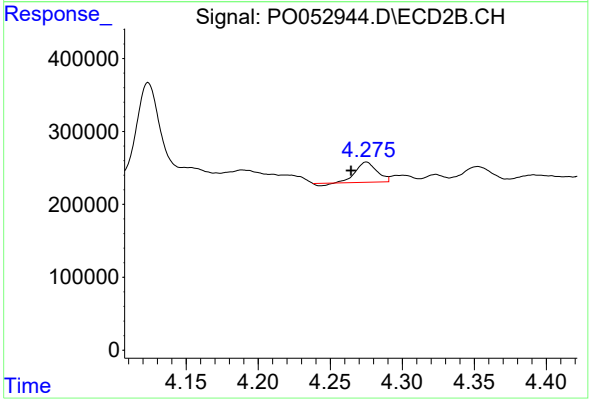

#15 AR-1232-5

R.T.: 4.621 min
Delta R.T.: -0.058 min
Response: 586019
Conc: 159.08 ng/ml



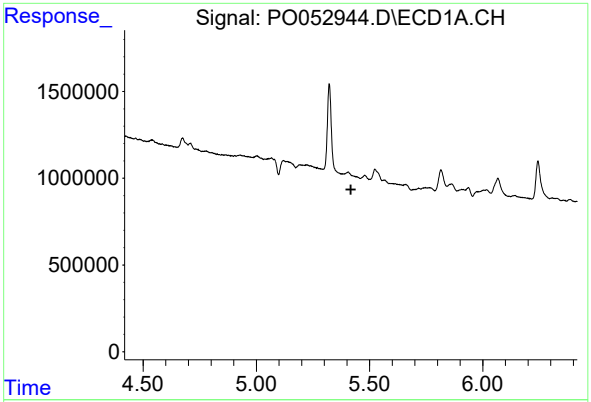

#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.395 min
Response: 0
Conc: N.D.




#16 AR-1242-1

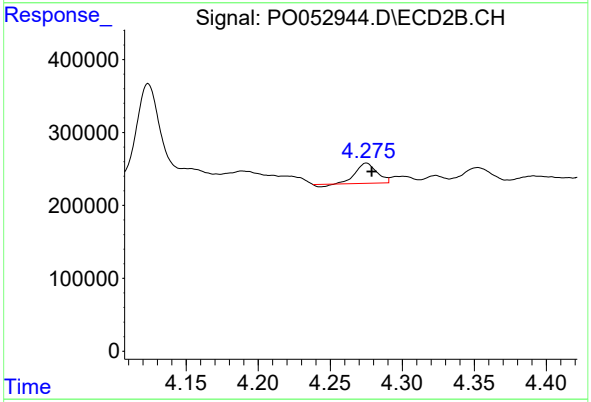
R.T.: 4.275 min
Delta R.T.: 0.011 min
Response: 277160
Conc: 43.01 ng/ml




#17 AR-1242-2

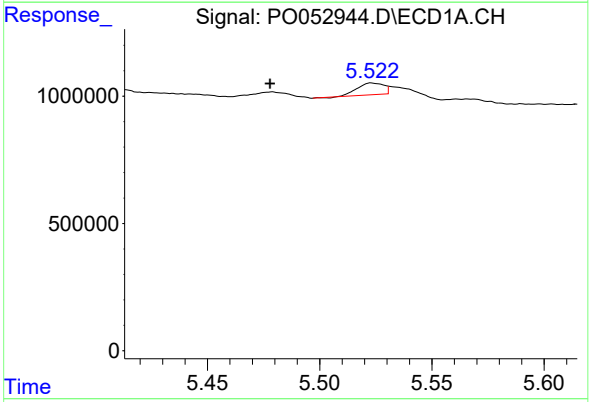
R.T.: 0.000 min
Exp R.T. : 5.417 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



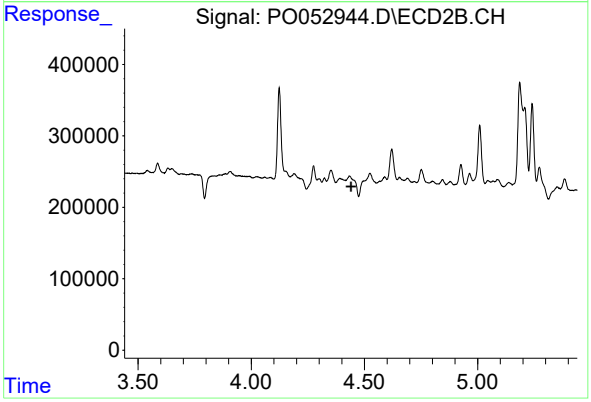

#17 AR-1242-2

R.T.: 4.275 min
Delta R.T.: -0.004 min
Response: 277160
Conc: 21.67 ng/ml



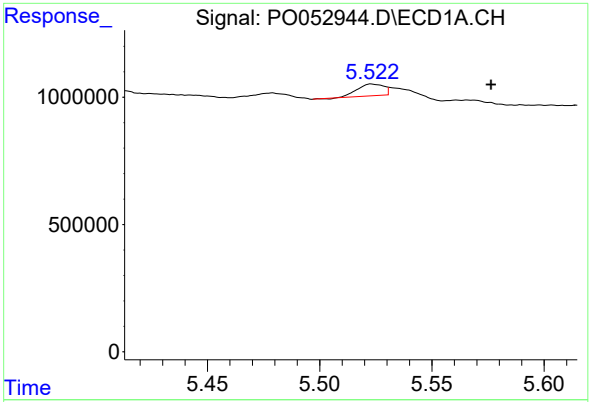

#18 AR-1242-3

R.T.: 5.523 min
Delta R.T.: 0.045 min
Response: 381441
Conc: 15.17 ng/ml




#18 AR-1242-3

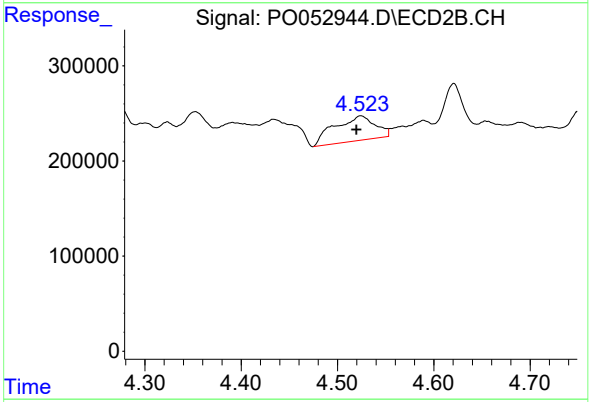
R.T.: 0.000 min
Exp R.T. : 4.441 min
Response: 0
Conc: N.D.




#19 AR-1242-4

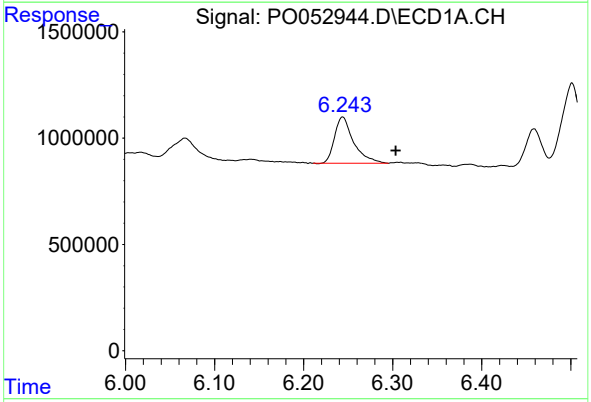
R.T.: 5.523 min
Delta R.T.: -0.053 min
Response: 381441
Conc: 18.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



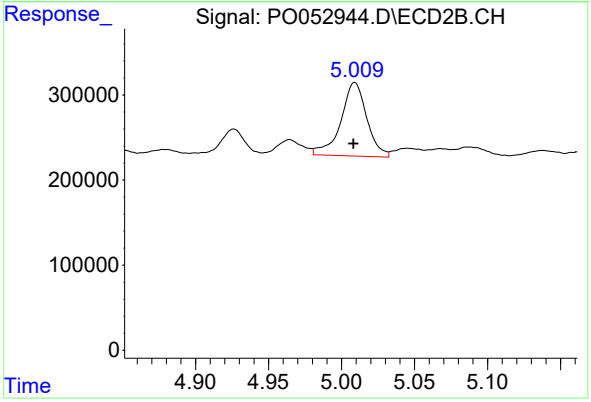

#19 AR-1242-4

R.T.: 4.524 min
Delta R.T.: 0.004 min
Response: 767151
Conc: 130.10 ng/ml



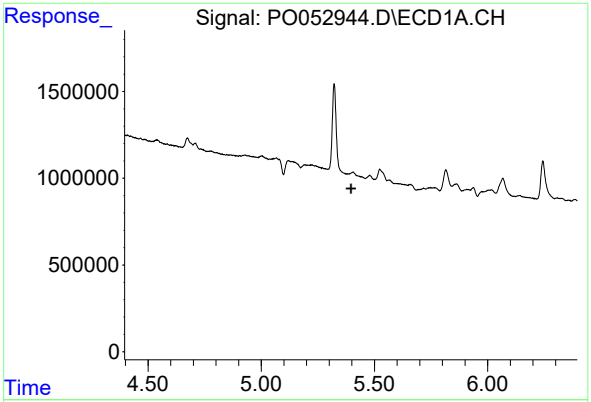

#20 AR-1242-5

R.T.: 6.244 min
Delta R.T.: -0.059 min
Response: 3239817
Conc: 167.94 ng/ml




#20 AR-1242-5

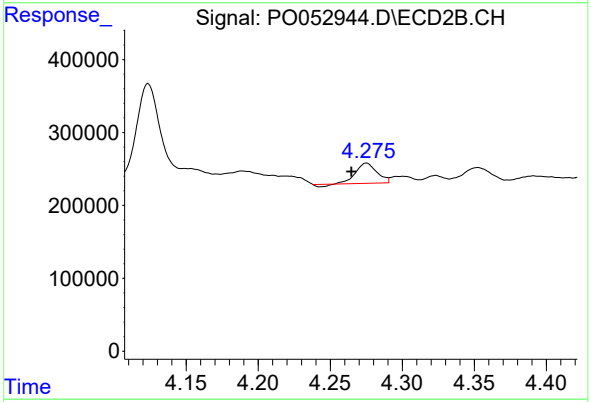
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1069654
Conc: 145.85 ng/ml




#21 AR-1248-1

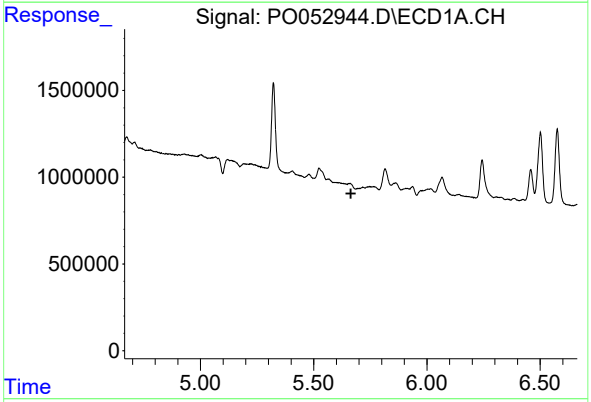
R.T.: 0.000 min
Exp R.T. : 5.396 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



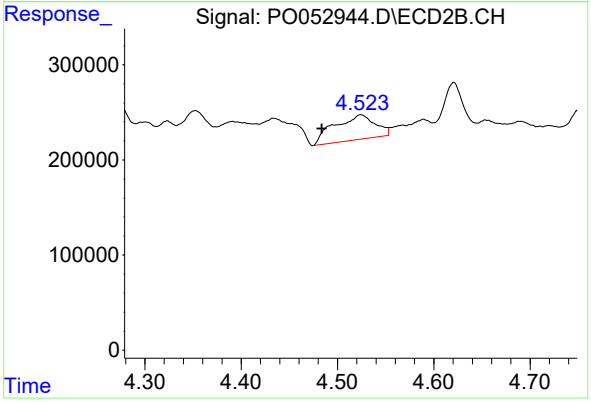

#21 AR-1248-1

R.T.: 4.275 min
Delta R.T.: 0.010 min
Response: 277160
Conc: 52.04 ng/ml



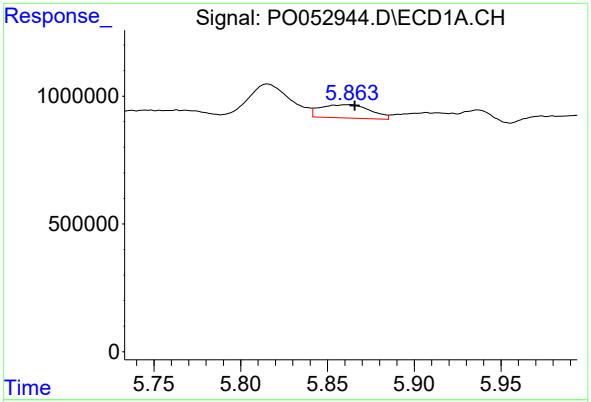

#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.664 min
Response: 0
Conc: N.D.




#22 AR-1248-2

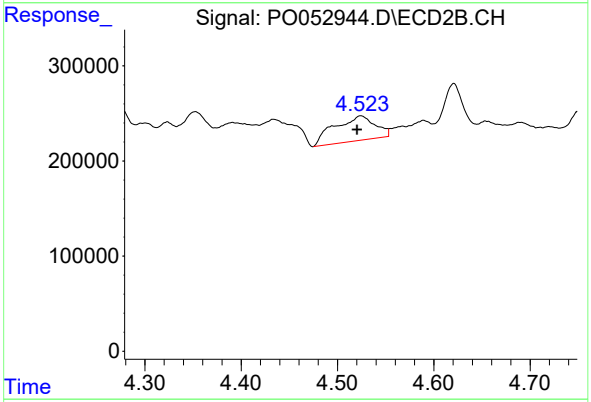
R.T.: 4.524 min
Delta R.T.: 0.041 min
Response: 767151
Conc: 91.06 ng/ml




#23 AR-1248-3

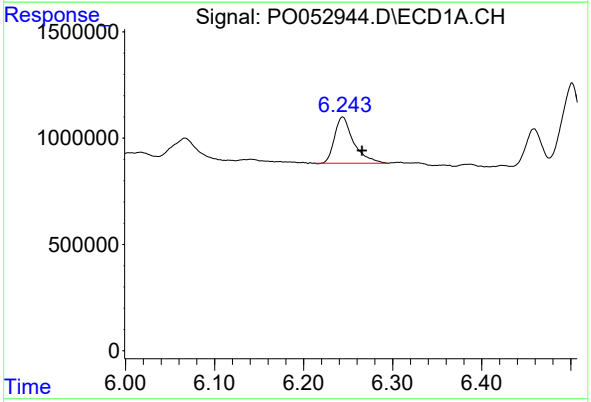
R.T.: 5.863 min
Delta R.T.: -0.003 min
Response: 1031834
Conc: 32.02 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



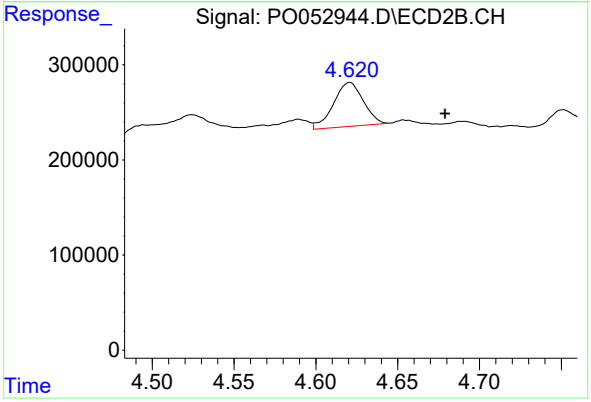

#23 AR-1248-3

R.T.: 4.524 min
Delta R.T.: 0.004 min
Response: 767151
Conc: 89.90 ng/ml



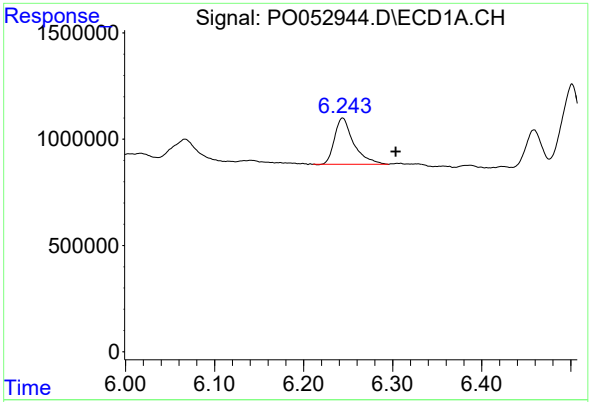

#24 AR-1248-4

R.T.: 6.244 min
Delta R.T.: -0.022 min
Response: 3239817
Conc: 97.68 ng/ml




#24 AR-1248-4

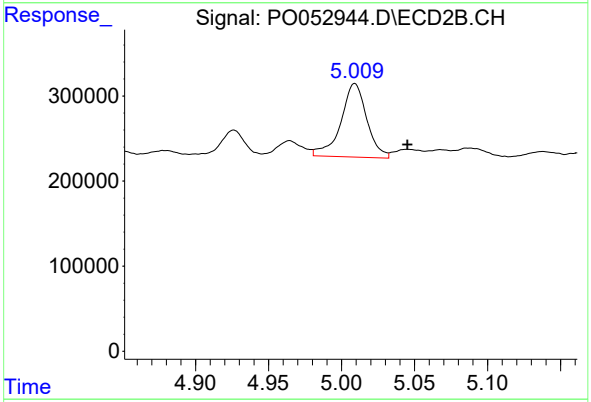
R.T.: 4.621 min
Delta R.T.: -0.058 min
Response: 586019
Conc: 53.09 ng/ml




#25 AR-1248-5

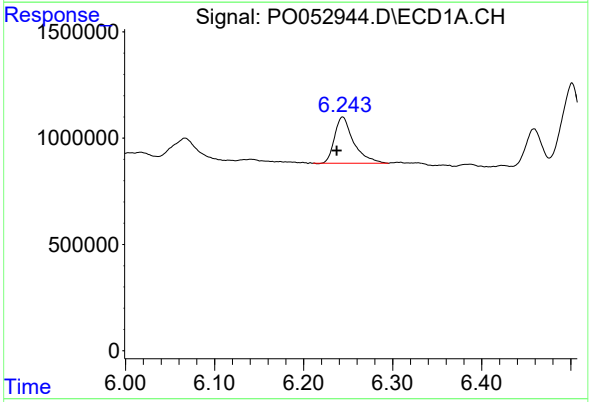
R.T.: 6.244 min
Delta R.T.: -0.060 min
Response: 3239817
Conc: 102.52 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



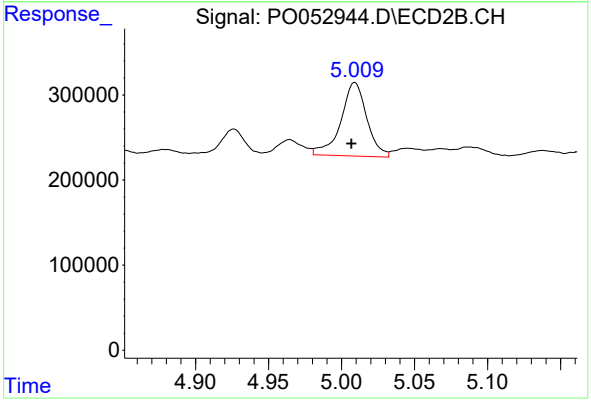

#25 AR-1248-5

R.T.: 5.009 min
Delta R.T.: -0.036 min
Response: 1069654
Conc: 105.62 ng/ml



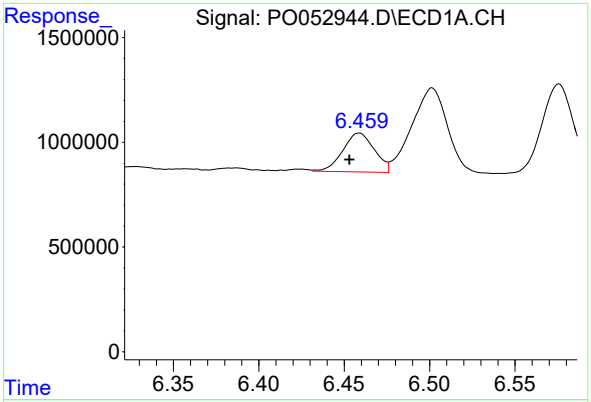

#26 AR-1254-1

R.T.: 6.244 min
Delta R.T.: 0.007 min
Response: 3239817
Conc: 84.36 ng/ml




#26 AR-1254-1

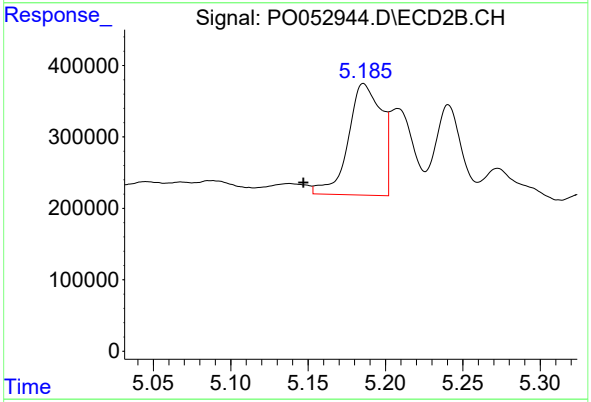
R.T.: 5.009 min
Delta R.T.: 0.002 min
Response: 1069654
Conc: 62.55 ng/ml




#27 AR-1254-2

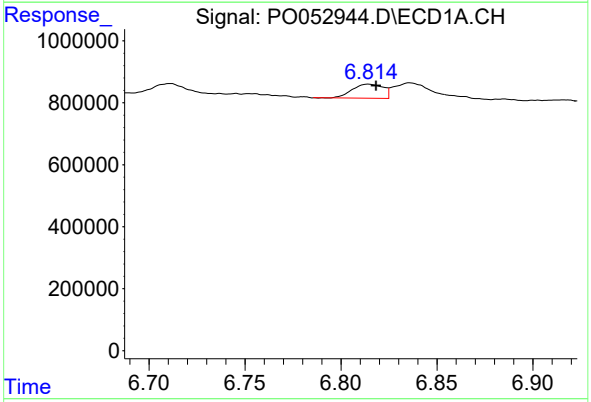
R.T.: 6.459 min
Delta R.T.: 0.006 min
Response: 2383557
Conc: 41.95 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



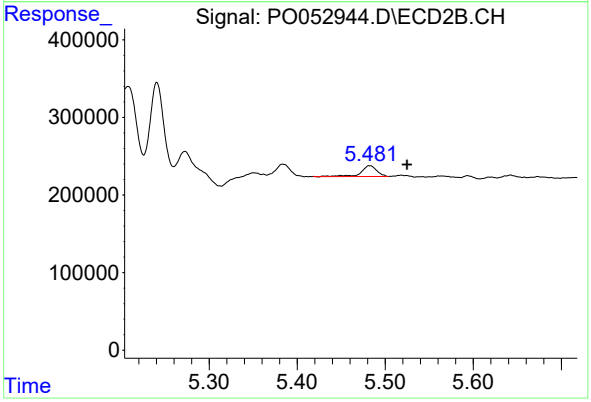

#27 AR-1254-2

R.T.: 5.186 min
Delta R.T.: 0.039 min
Response: 2348390
Conc: 159.27 ng/ml



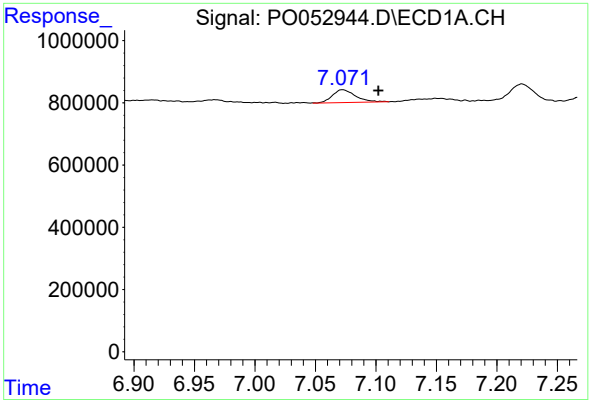

#28 AR-1254-3

R.T.: 6.815 min
Delta R.T.: -0.004 min
Response: 512743
Conc: 8.59 ng/ml




#28 AR-1254-3

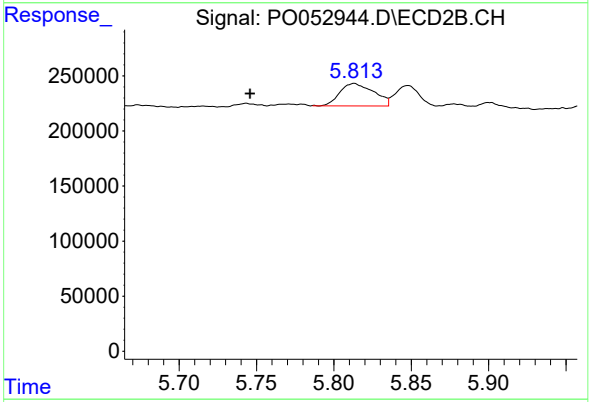
R.T.: 5.482 min
Delta R.T.: -0.043 min
Response: 171680
Conc: 7.48 ng/ml




#29 AR-1254-4

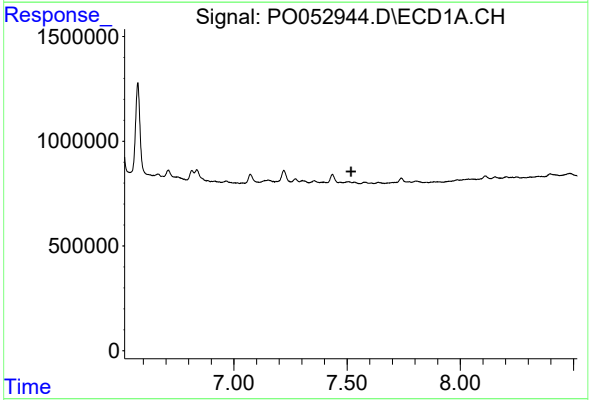
R.T.: 7.072 min
Delta R.T.: -0.030 min
Response: 549889
Conc: 13.50 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



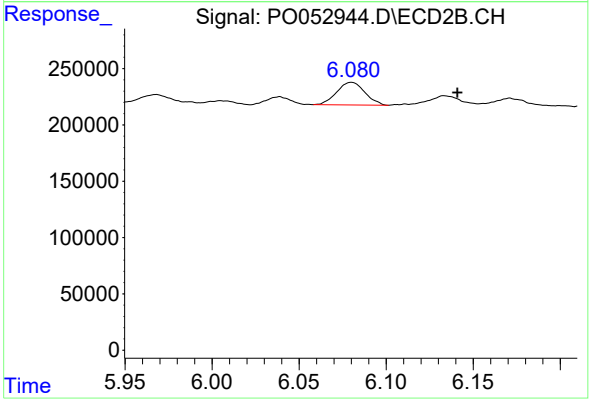

#29 AR-1254-4

R.T.: 5.813 min
Delta R.T.: 0.067 min
Response: 312034
Conc: 24.02 ng/ml



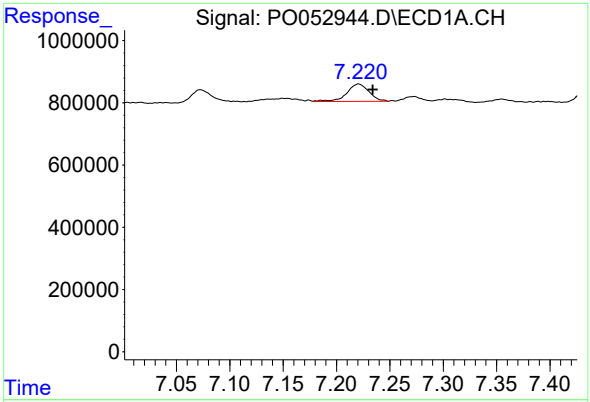

#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.517 min
Response: 0
Conc: N.D.




#30 AR-1254-5

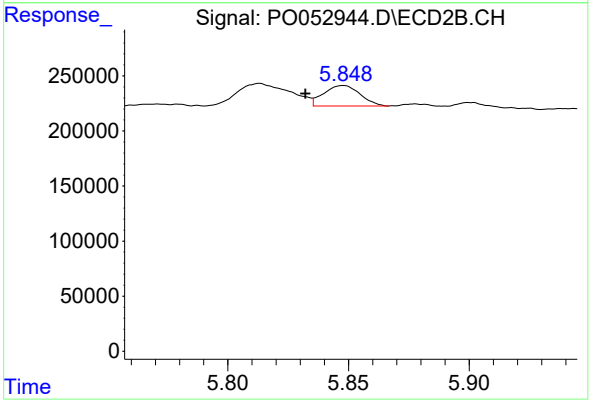
R.T.: 6.080 min
Delta R.T.: -0.061 min
Response: 226391
Conc: 11.16 ng/ml




#32 AR-1260-2

R.T.: 7.221 min
Delta R.T.: -0.013 min
Response: 809259
Conc: 17.16 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**




#32 AR-1260-2

R.T.: 5.848 min
Delta R.T.: 0.016 min
Response: 195177
Conc: 9.88 ng/ml