Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122220\
Data File : PO074024.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Dec 2020 13:34
Operator : DD\AJ
Sample : L5165-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 14:39:12 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121020.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 11 03:58:06 2020
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... | 4.937 | 3.995 | 1685421 | 1013251 | 18.434 | 18.891 | |
| 2) | SA Decachlor... | 10.961 | 9.259 | 882177 | 484727 | 10.675 | 10.359 | |
| | Target Compounds | | | | | | | |
| 8) | L2 AR-1221-1 | 5.190 | 0.000 | 39550 | 0 | 37.328 | N.D. | # |
| 9) | L2 AR-1221-2 | 5.288 | 0.000 | 17836 | 0 | 22.707 | N.D. | # |
| 19) | L4 AR-1242-4 | 6.424f | 0.000 | 21147 | 0 | 10.728 | N.D. | # |
| 20) | L4 AR-1242-5 | 7.250 | 6.110 | 8473 | 70689 | 3.880 | 41.470 | # |
| 24) | L5 AR-1248-4 | 7.207 | 0.000 | 183742 | 0 | 45.945 | N.D. | # |
| 25) | L5 AR-1248-5 | 7.245 | 0.000 | 12326 | 0 | 3.259 | N.D. | # |
| 26) | L6 AR-1254-1 | 7.181 | 6.110 | 131090 | 70689 | 34.536 | 20.002 | # |
| 27) | L6 AR-1254-2 | 7.410 | 0.000 | 206690 | 0 | 35.057 | N.D. | # |
| 28) | L6 AR-1254-3 | 7.789 | 6.685 | 161909 | 91074 | 26.425 | 18.602 | # |
| 29) | L6 AR-1254-4 | 8.085 | 0.000 | 364149 | 0 | 69.415 | N.D. | # |
| 30) | L6 AR-1254-5 | 8.514 | 7.350 | 193662 | 119579 | 37.600 | 27.118 | # |
| 31) | L7 AR-1260-1 | 7.955 | 6.824 | 49088 | 113993 | 11.614 | 36.875 | # |
| 32) | L7 AR-1260-2 | 8.219 | 7.018 | 659376 | 43769 | 117.372 | 10.790 | # |
| 33) | L7 AR-1260-3 | 8.585 | 7.170 | 118005 | 37705 | 25.815 | 10.803 | # |
| 34) | L7 AR-1260-4 | 8.835 | 7.651 | 231715 | 114603 | 48.943 | 37.951 | |
| 35) | L7 AR-1260-5 | 9.141 | 7.898 | 422752 | 73717 | 42.361 | 9.868 | # |
| 36) | L8 AR-1262-1 | 8.585 | 7.350 | 118005 | 119579 | 15.763 | 47.835 | # |
| 37) | L8 AR-1262-2 | 9.141 | 7.898 | 422752 | 73717 | 32.961 | 8.380 | # |
| 38) | L8 AR-1262-3 | 9.456 | 8.183 | 625413 | 466435 | 73.718 | 128.996 | # |
| 39) | L8 AR-1262-4 | 9.552 | 8.248 | 619566 | 322033 | 185.246 | 52.337 | # |
| 40) | L8 AR-1262-5 | 10.215 | 8.741 | 121777 | 122748 | 26.942 | 43.115 | # |
| 41) | L9 AR-1268-1 | 9.456 | 8.183 | 625413 | 466435 | 43.910 | 48.468 | |
| 42) | L9 AR-1268-2 | 9.552 | 8.248 | 619566 | 322033 | 50.261 | 39.088 | |
| 43) | L9 AR-1268-3 | 9.777 | 8.454 | 571381 | 297337 | 52.647 | 42.111 | |
| 44) | L9 AR-1268-4 | 10.215 | 8.741 | 121777 | 122748 | 25.996 | 41.469 | # |
| 45) | L9 AR-1268-5 | 10.628 | 9.018 | 1535545 | 785325 | 46.921 | 39.090 | |

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

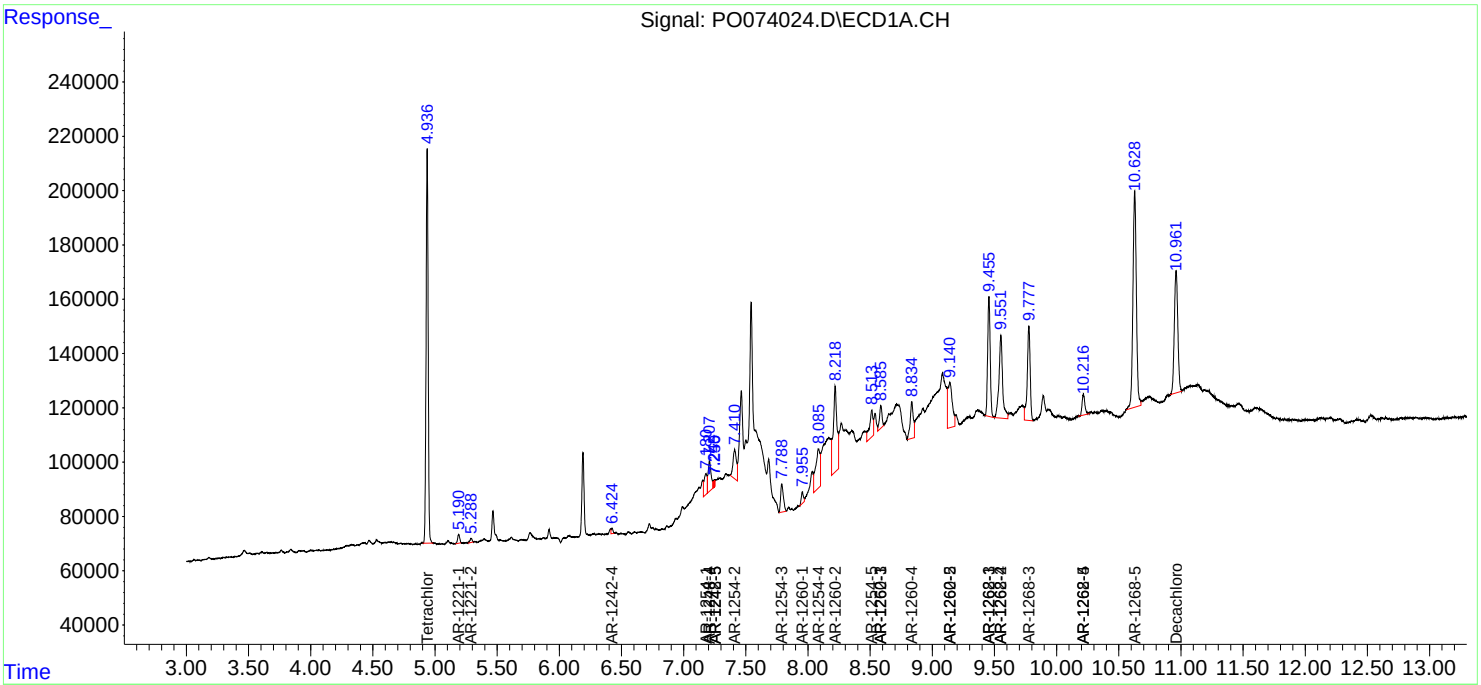
Quantitation Report (Not Reviewed)

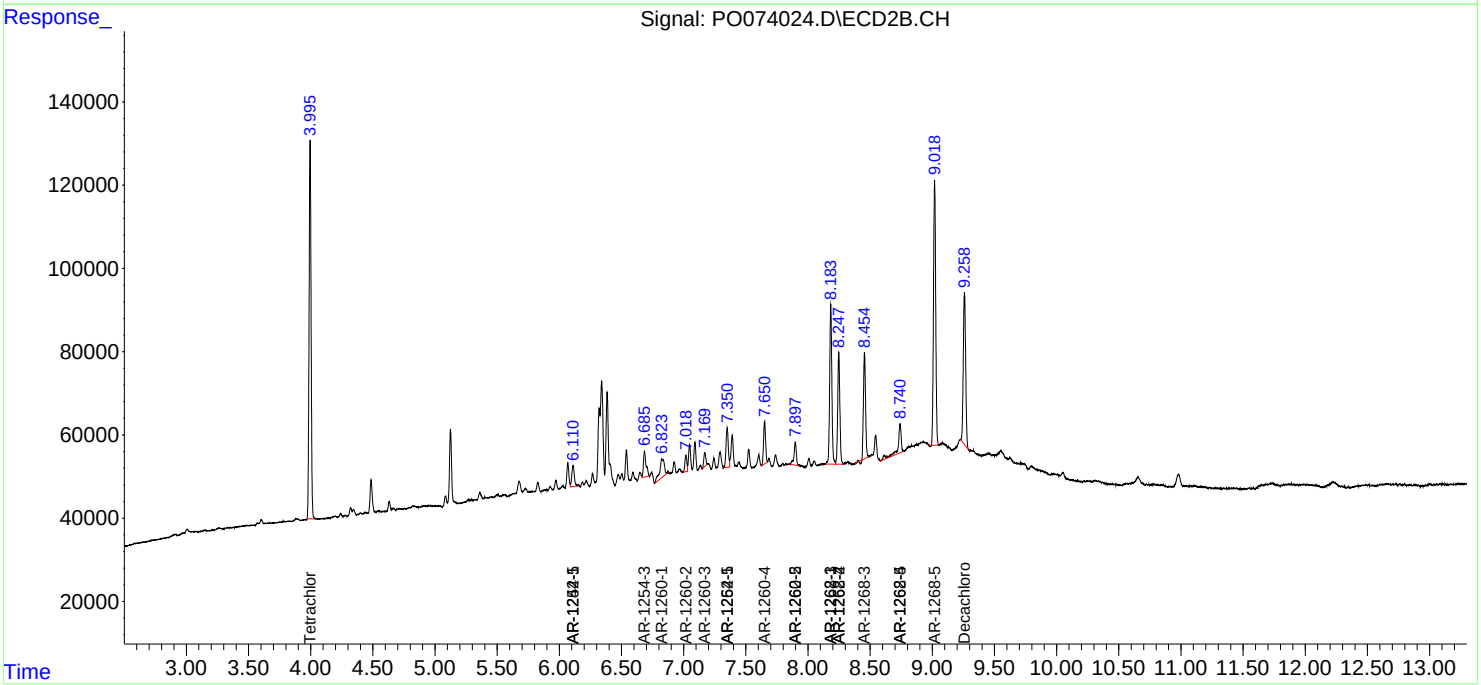
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122220\
Data File : PO074024.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Dec 2020 13:34
Operator : DD\AJ
Sample : L5165-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

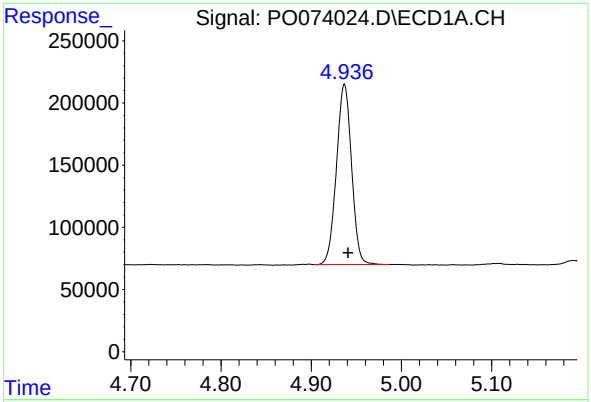
**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 14:39:12 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121020.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 11 03:58:06 2020
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



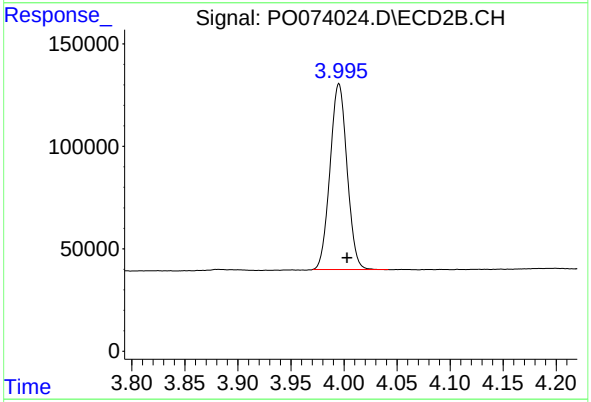






#1 Tetrachloro-m-xylene

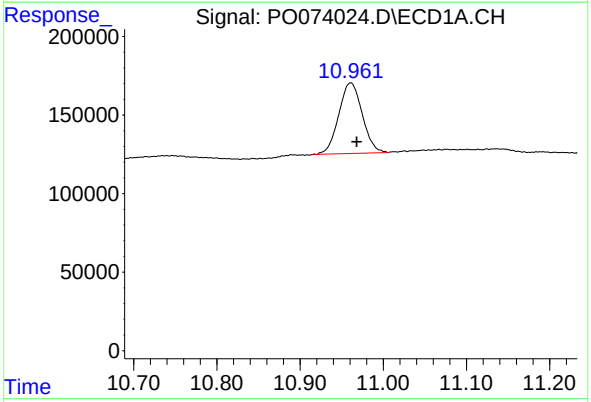
R.T.: 4.937 min
Delta R.T.: -0.004 min
Response: 1685421
Conc: 18.43 ng/ml

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



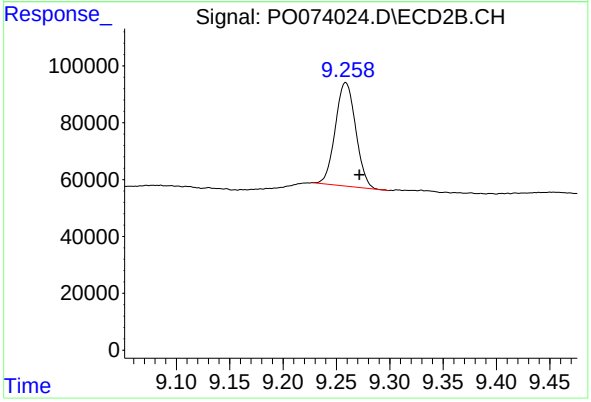

#1 Tetrachloro-m-xylene

R.T.: 3.995 min
Delta R.T.: -0.008 min
Response: 1013251
Conc: 18.89 ng/ml



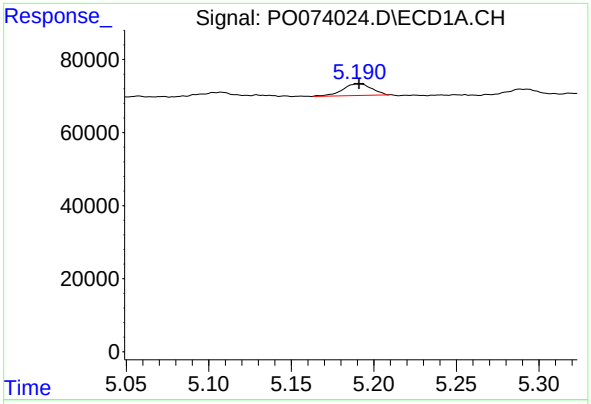

#2 Decachlorobiphenyl

R.T.: 10.961 min
Delta R.T.: -0.007 min
Response: 882177
Conc: 10.67 ng/ml




#2 Decachlorobiphenyl

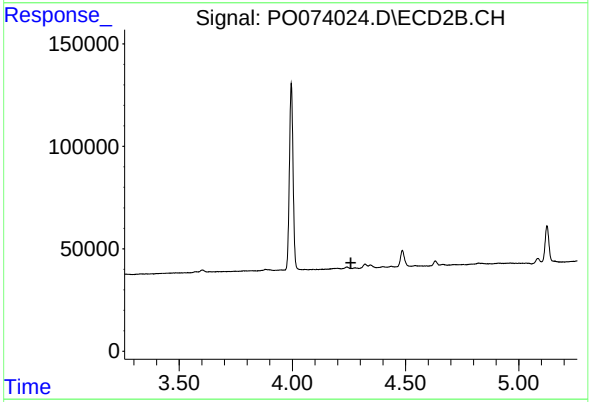
R.T.: 9.259 min
Delta R.T.: -0.013 min
Response: 484727
Conc: 10.36 ng/ml




#8 AR-1221-1

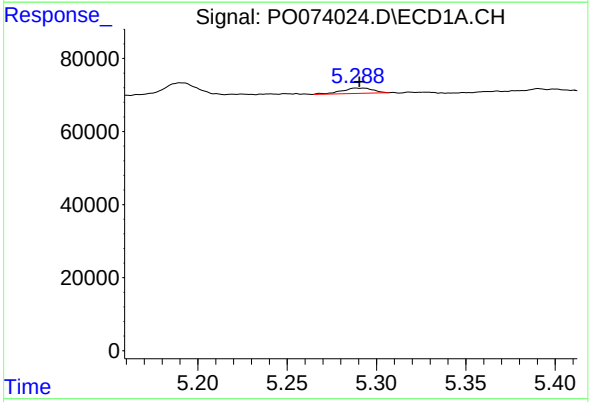
R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 39550
Conc: 37.33 ng/ml

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



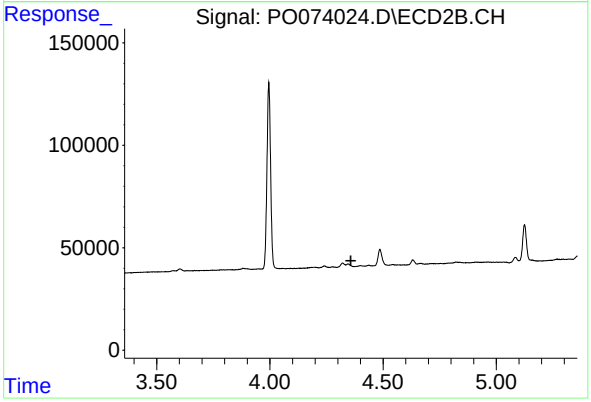

#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.259 min
Response: 0
Conc: N.D.



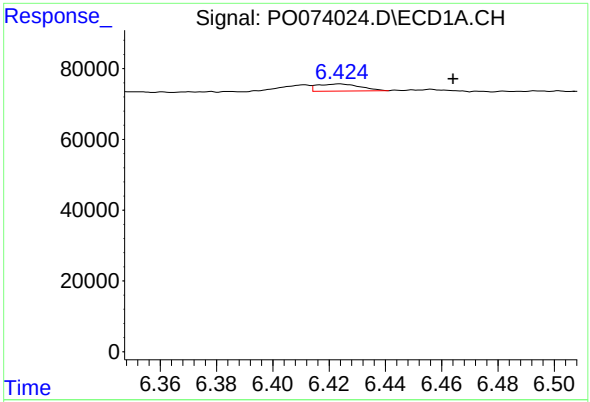

#9 AR-1221-2

R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 17836
Conc: 22.71 ng/ml




#9 AR-1221-2

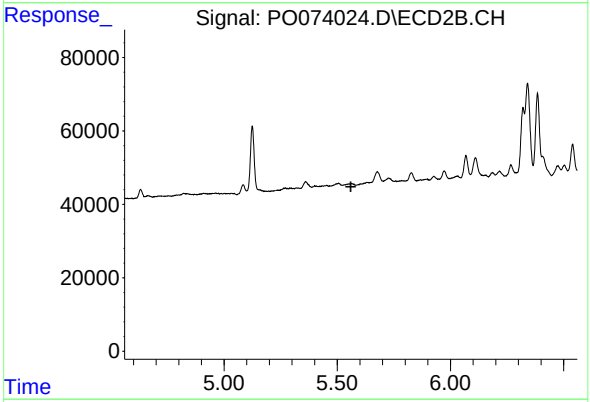
R.T.: 0.000 min
Exp R.T. : 4.357 min
Response: 0
Conc: N.D.




#19 AR-1242-4

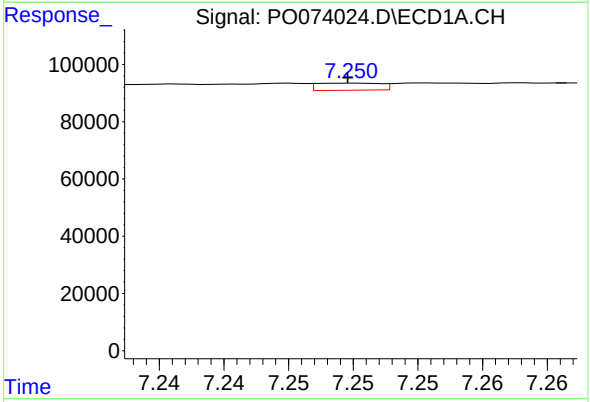
R.T.: 6.424 min
Delta R.T.: -0.040 min
Response: 21147
Conc: 10.73 ng/ml

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



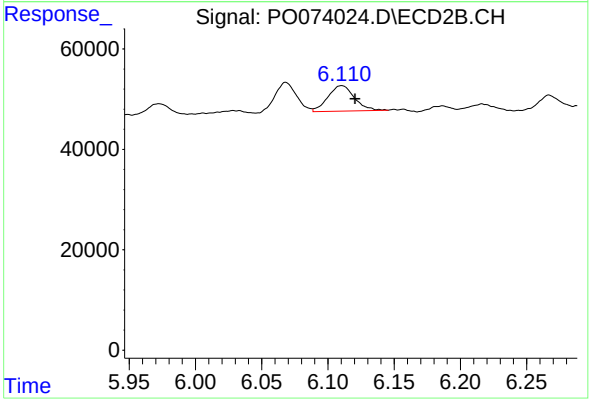

#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.560 min
Response: 0
Conc: N.D.



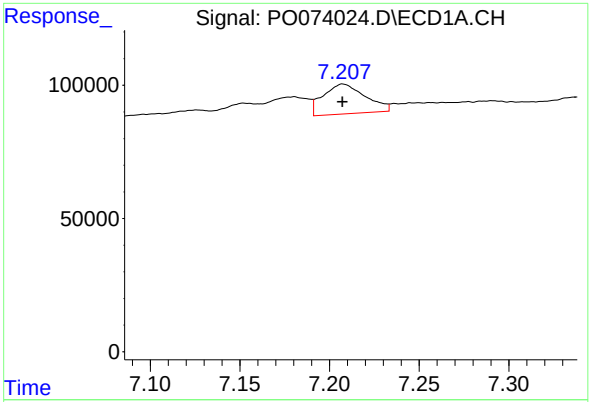

#20 AR-1242-5

R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 8473
Conc: 3.88 ng/ml




#20 AR-1242-5

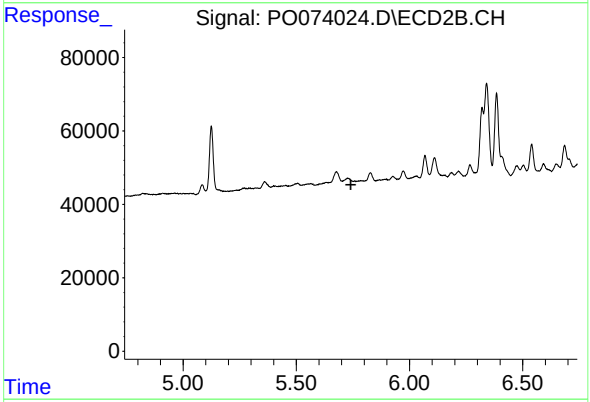
R.T.: 6.110 min
Delta R.T.: -0.010 min
Response: 70689
Conc: 41.47 ng/ml




#24 AR-1248-4

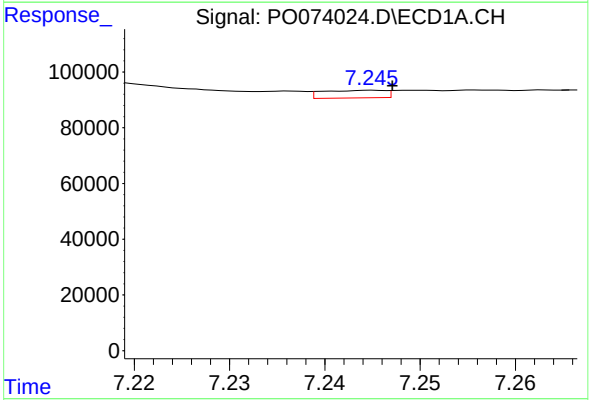
R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 183742
Conc: 45.94 ng/ml

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



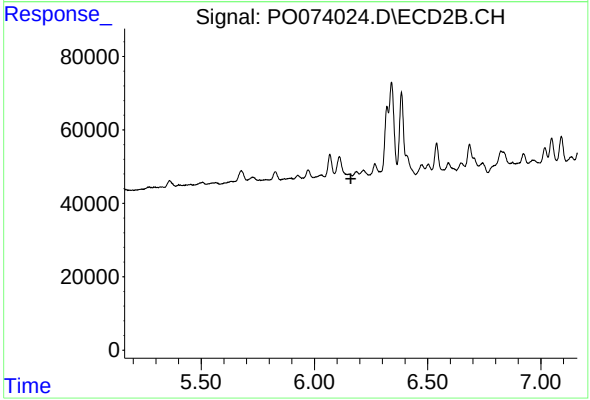

#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.741 min
Response: 0
Conc: N.D.



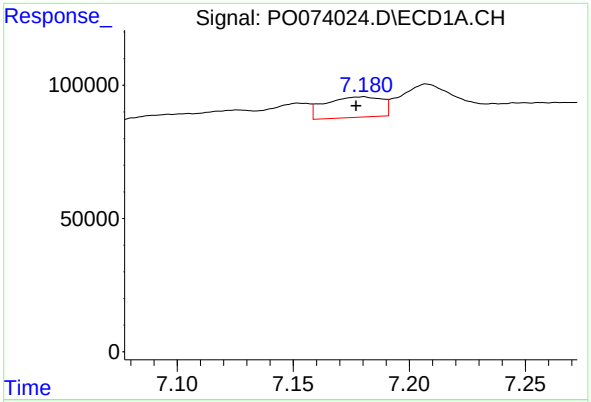

#25 AR-1248-5

R.T.: 7.245 min
Delta R.T.: -0.002 min
Response: 12326
Conc: 3.26 ng/ml




#25 AR-1248-5

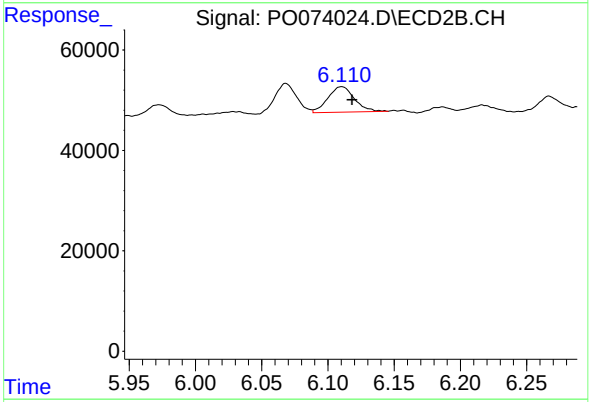
R.T.: 0.000 min
Exp R.T. : 6.161 min
Response: 0
Conc: N.D.




#26 AR-1254-1

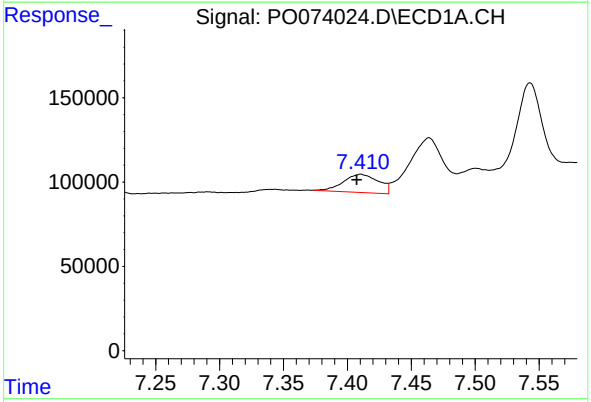
R.T.: 7.181 min
Delta R.T.: 0.004 min
Response: 131090
Conc: 34.54 ng/ml

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



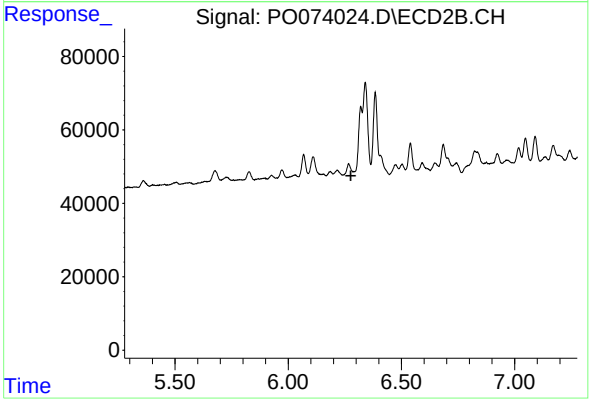

#26 AR-1254-1

R.T.: 6.110 min
Delta R.T.: -0.008 min
Response: 70689
Conc: 20.00 ng/ml



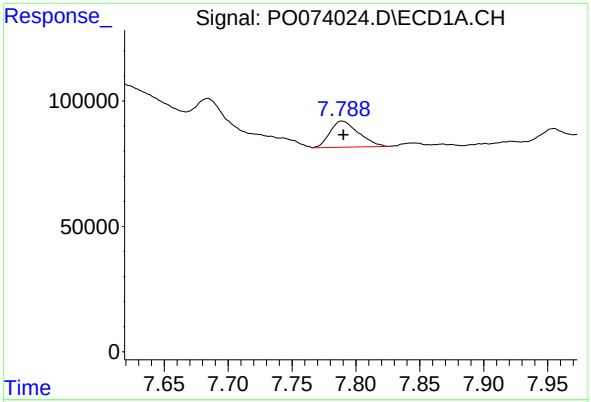

#27 AR-1254-2

R.T.: 7.410 min
Delta R.T.: 0.003 min
Response: 206690
Conc: 35.06 ng/ml




#27 AR-1254-2

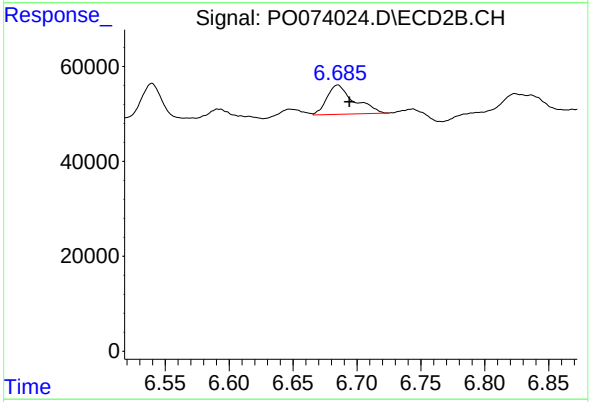
R.T.: 0.000 min
Exp R.T. : 6.277 min
Response: 0
Conc: N.D.




#28 AR-1254-3

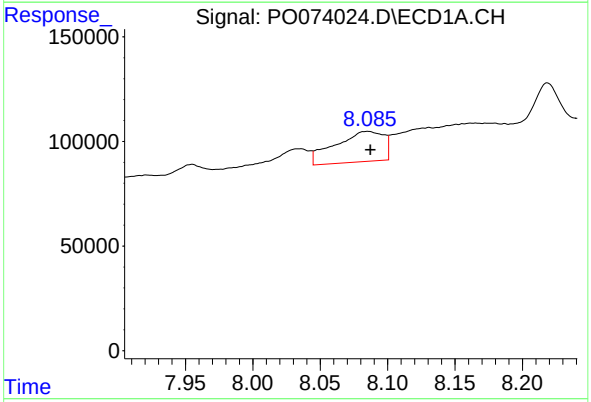
R.T.: 7.789 min
Delta R.T.: -0.001 min
Response: 161909
Conc: 26.42 ng/ml

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



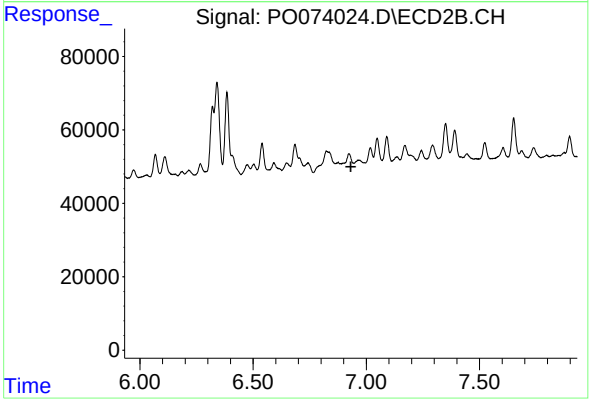

#28 AR-1254-3

R.T.: 6.685 min
Delta R.T.: -0.009 min
Response: 91074
Conc: 18.60 ng/ml



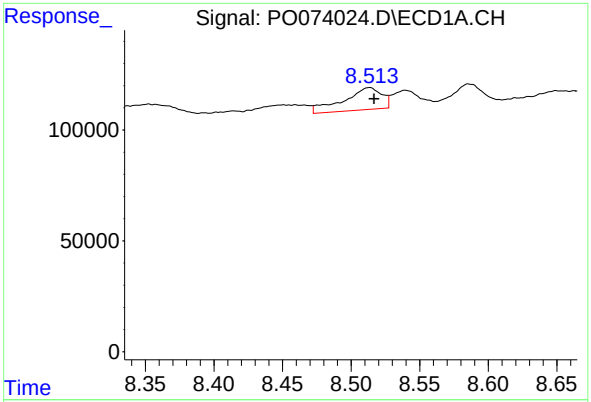

#29 AR-1254-4

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 364149
Conc: 69.41 ng/ml




#29 AR-1254-4

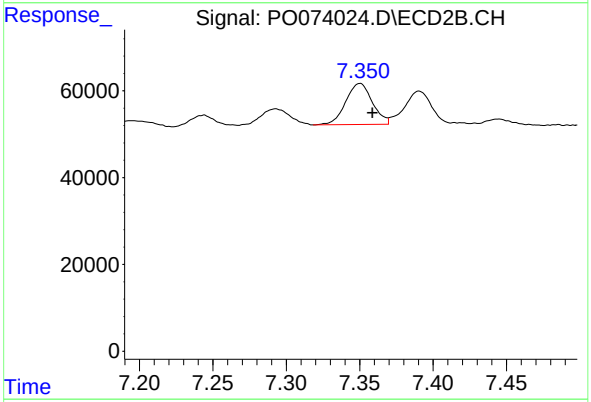
R.T.: 0.000 min
Exp R.T. : 6.932 min
Response: 0
Conc: N.D.




#30 AR-1254-5

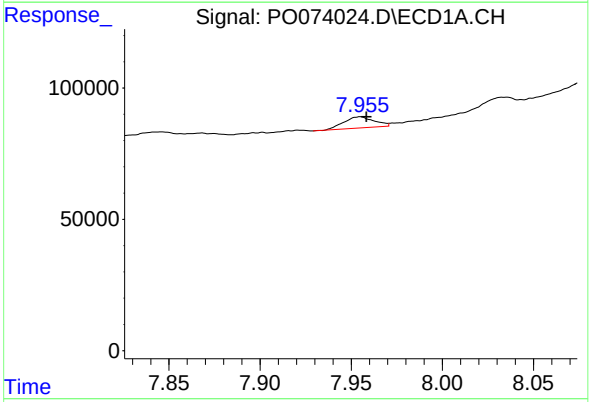
R.T.: 8.514 min
Delta R.T.: -0.003 min
Response: 193662
Conc: 37.60 ng/ml

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



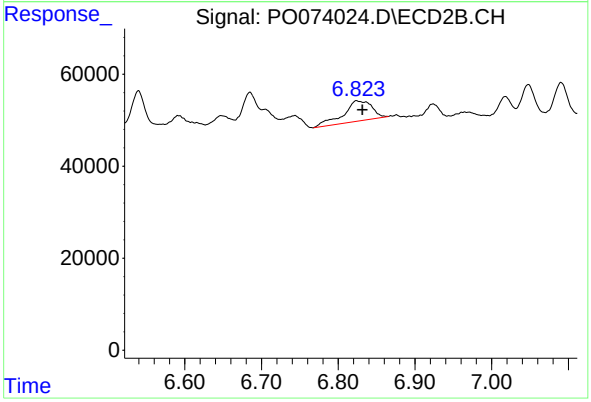

#30 AR-1254-5

R.T.: 7.350 min
Delta R.T.: -0.008 min
Response: 119579
Conc: 27.12 ng/ml



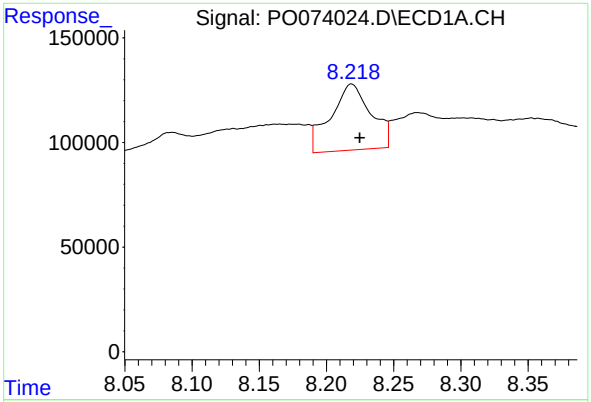

#31 AR-1260-1

R.T.: 7.955 min
Delta R.T.: -0.003 min
Response: 49088
Conc: 11.61 ng/ml




#31 AR-1260-1

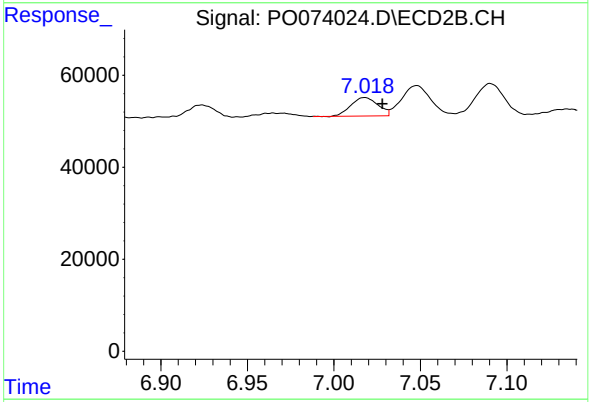
R.T.: 6.824 min
Delta R.T.: -0.008 min
Response: 113993
Conc: 36.88 ng/ml




#32 AR-1260-2

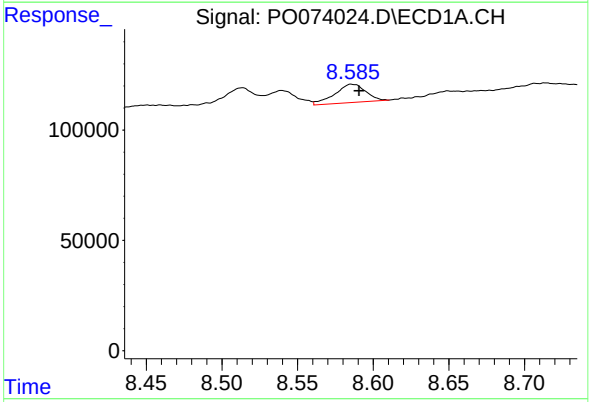
R.T.: 8.219 min
Delta R.T.: -0.006 min
Response: 659376
Conc: 117.37 ng/ml

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



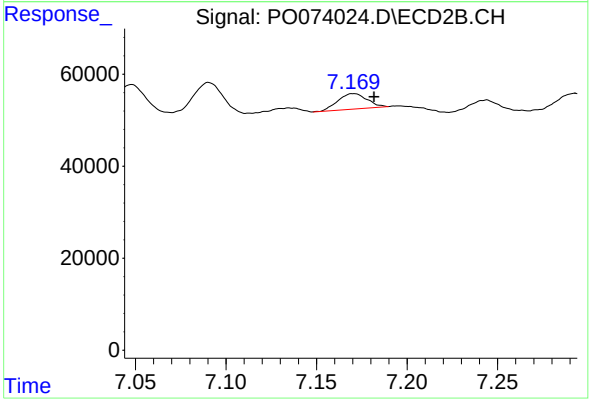

#32 AR-1260-2

R.T.: 7.018 min
Delta R.T.: -0.010 min
Response: 43769
Conc: 10.79 ng/ml



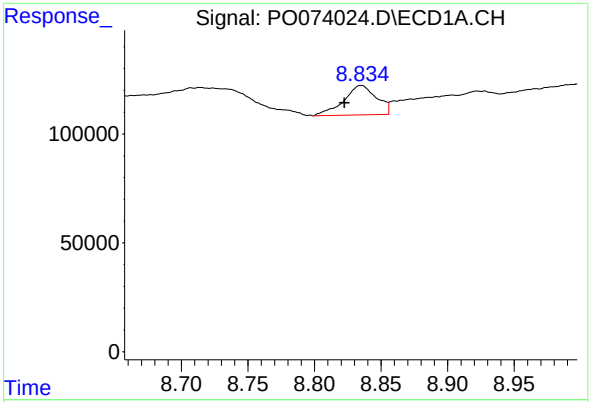

#33 AR-1260-3

R.T.: 8.585 min
Delta R.T.: -0.005 min
Response: 118005
Conc: 25.82 ng/ml




#33 AR-1260-3

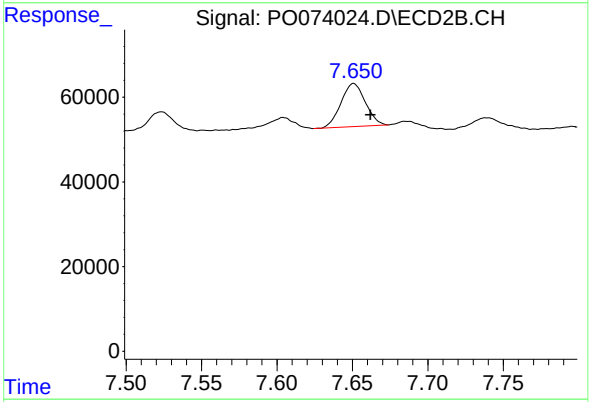
R.T.: 7.170 min
Delta R.T.: -0.011 min
Response: 37705
Conc: 10.80 ng/ml




#34 AR-1260-4

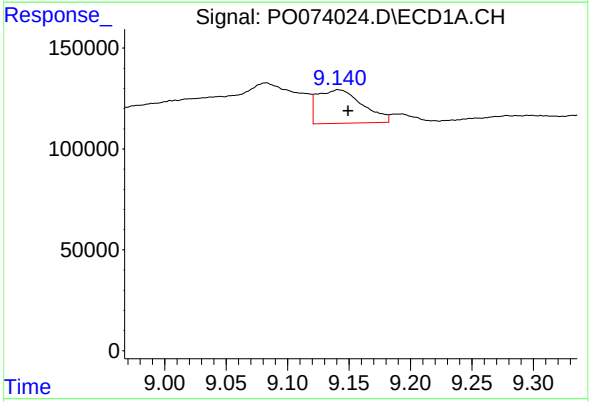
R.T.: 8.835 min
Delta R.T.: 0.013 min
Response: 231715
Conc: 48.94 ng/ml

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



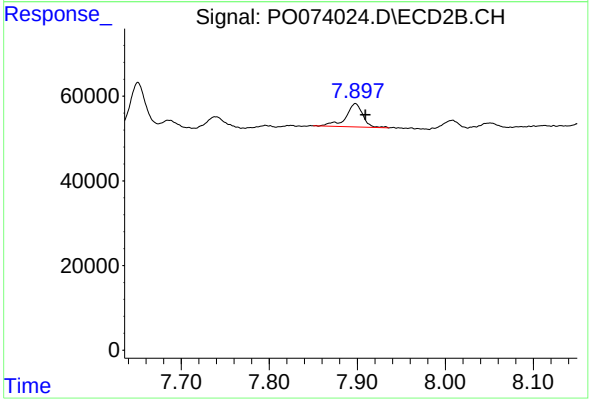

#34 AR-1260-4

R.T.: 7.651 min
Delta R.T.: -0.011 min
Response: 114603
Conc: 37.95 ng/ml



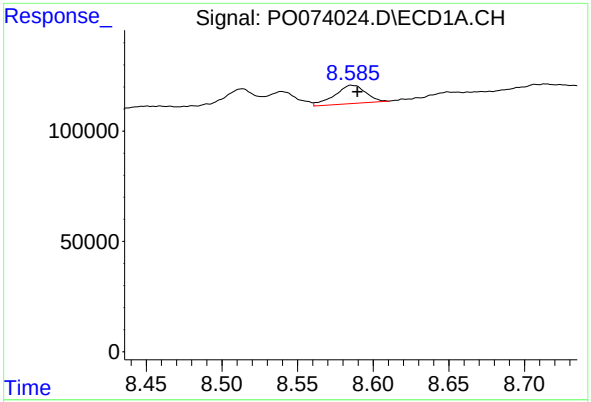

#35 AR-1260-5

R.T.: 9.141 min
Delta R.T.: -0.008 min
Response: 422752
Conc: 42.36 ng/ml




#35 AR-1260-5

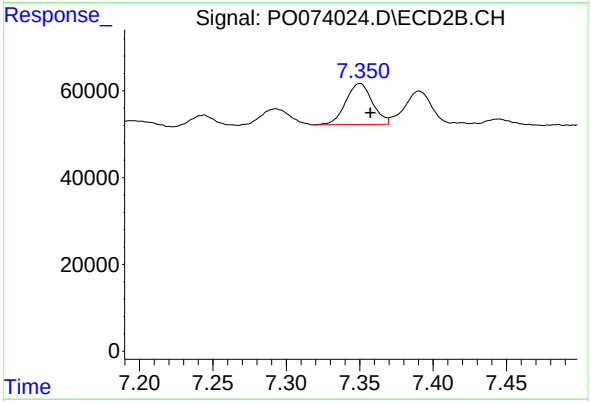
R.T.: 7.898 min
Delta R.T.: -0.011 min
Response: 73717
Conc: 9.87 ng/ml




#36 AR-1262-1

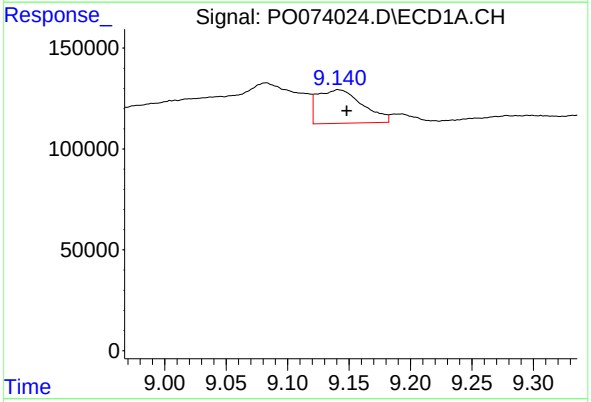
R.T.: 8.585 min
Delta R.T.: -0.004 min
Response: 118005
Conc: 15.76 ng/ml

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



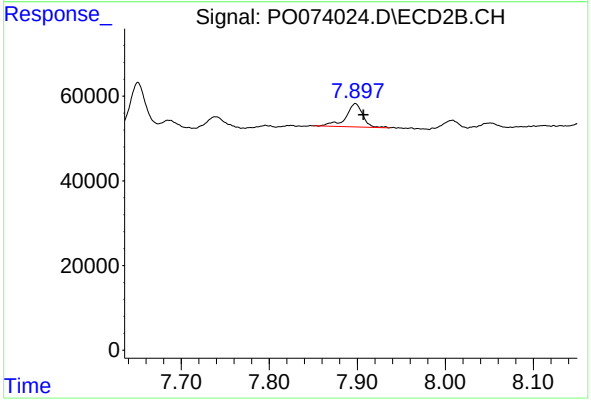

#36 AR-1262-1

R.T.: 7.350 min
Delta R.T.: -0.007 min
Response: 119579
Conc: 47.84 ng/ml



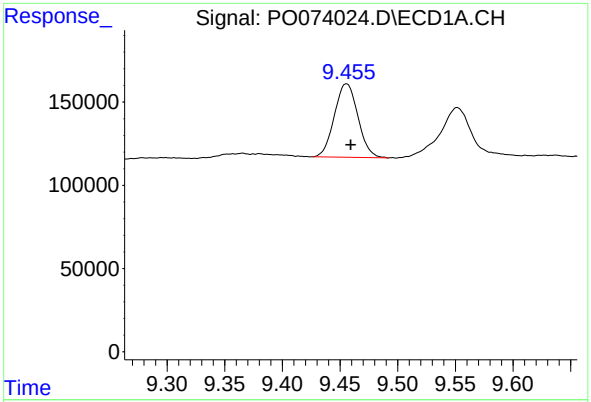

#37 AR-1262-2

R.T.: 9.141 min
Delta R.T.: -0.007 min
Response: 422752
Conc: 32.96 ng/ml




#37 AR-1262-2

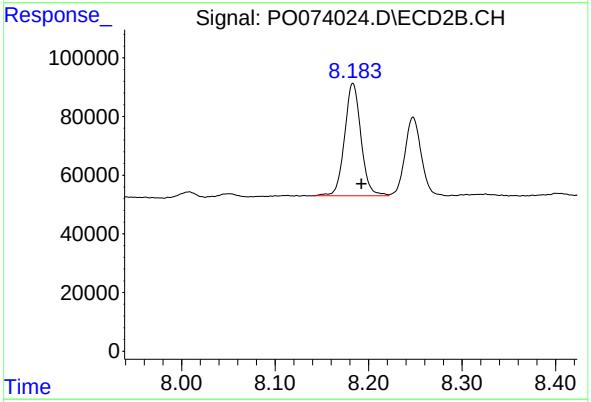
R.T.: 7.898 min
Delta R.T.: -0.009 min
Response: 73717
Conc: 8.38 ng/ml




#38 AR-1262-3

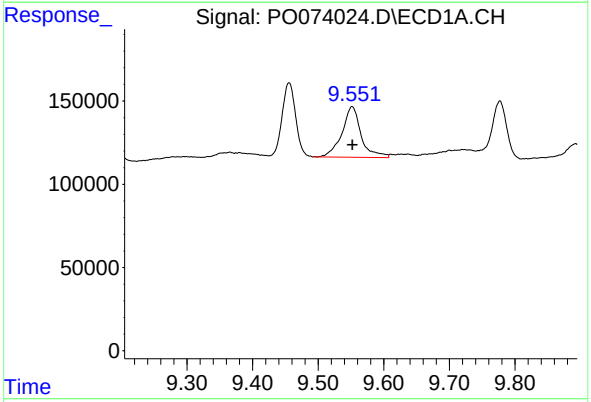
R.T.: 9.456 min
Delta R.T.: -0.004 min
Response: 625413
Conc: 73.72 ng/ml

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



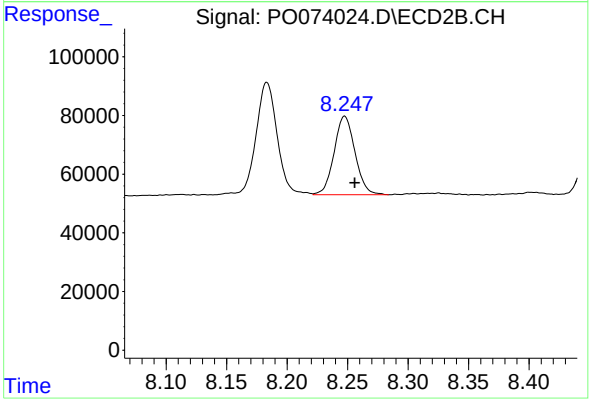

#38 AR-1262-3

R.T.: 8.183 min
Delta R.T.: -0.009 min
Response: 466435
Conc: 129.00 ng/ml



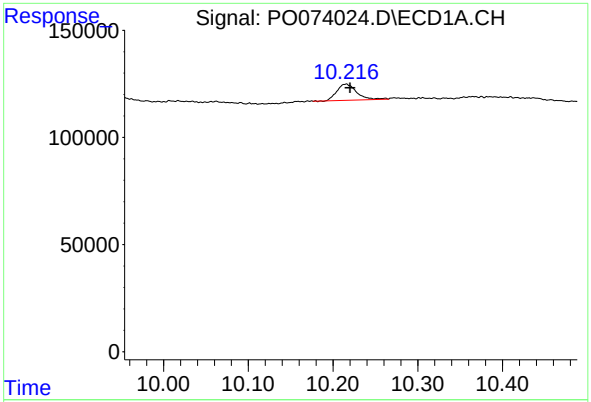

#39 AR-1262-4

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 619566
Conc: 185.25 ng/ml




#39 AR-1262-4

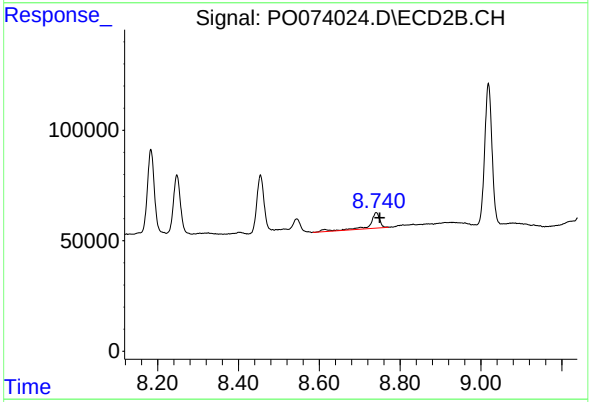
R.T.: 8.248 min
Delta R.T.: -0.008 min
Response: 322033
Conc: 52.34 ng/ml




#40 AR-1262-5

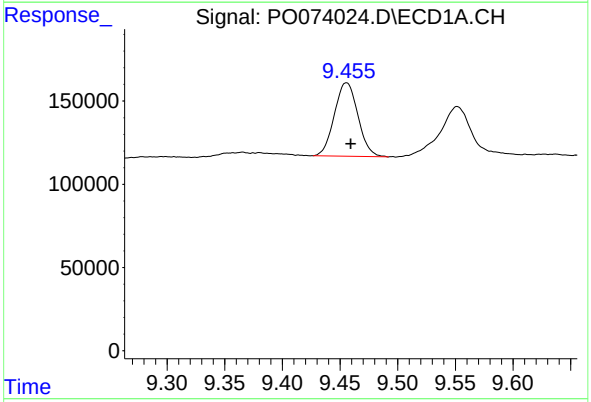
R.T.: 10.215 min
Delta R.T.: -0.005 min
Response: 121777
Conc: 26.94 ng/ml

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



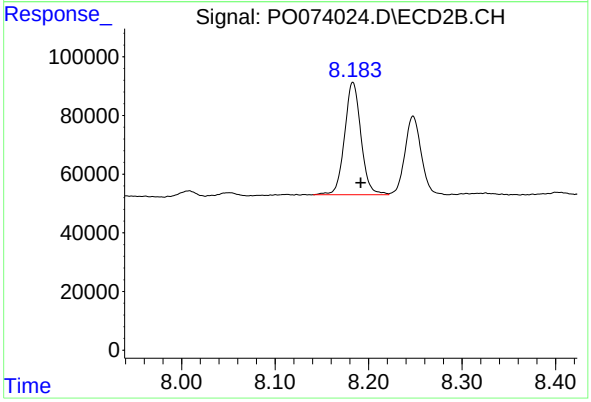

#40 AR-1262-5

R.T.: 8.741 min
Delta R.T.: -0.009 min
Response: 122748
Conc: 43.12 ng/ml



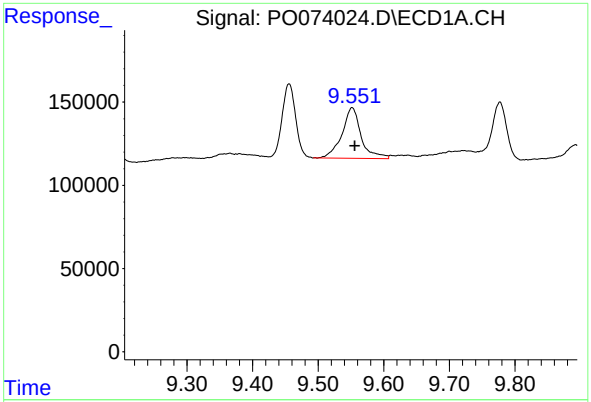

#41 AR-1268-1

R.T.: 9.456 min
Delta R.T.: -0.004 min
Response: 625413
Conc: 43.91 ng/ml




#41 AR-1268-1

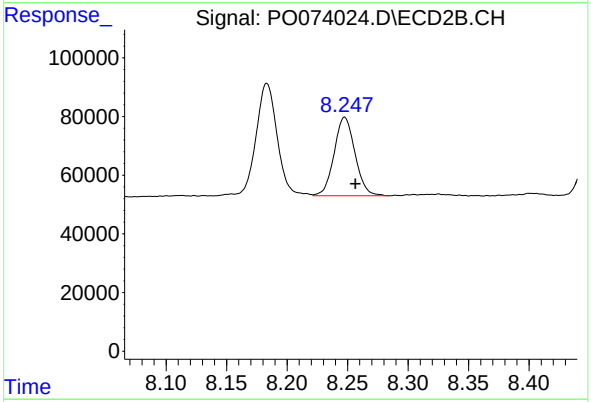
R.T.: 8.183 min
Delta R.T.: -0.008 min
Response: 466435
Conc: 48.47 ng/ml




#42 AR-1268-2

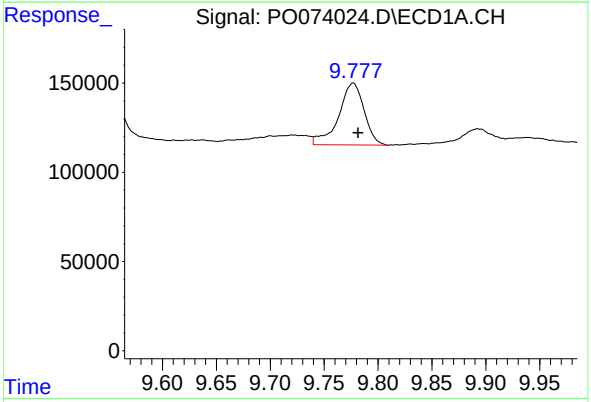
R.T.: 9.552 min
Delta R.T.: -0.004 min
Response: 619566
Conc: 50.26 ng/ml

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



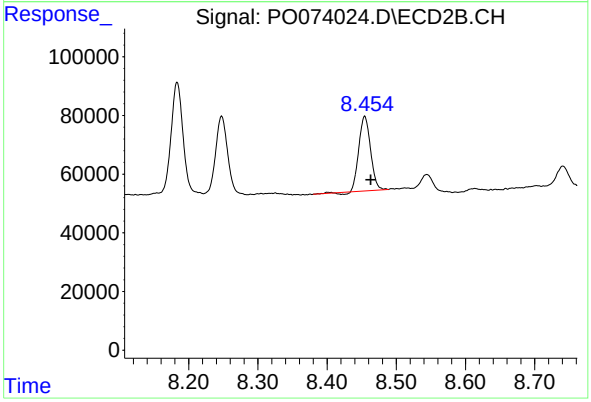

#42 AR-1268-2

R.T.: 8.248 min
Delta R.T.: -0.009 min
Response: 322033
Conc: 39.09 ng/ml



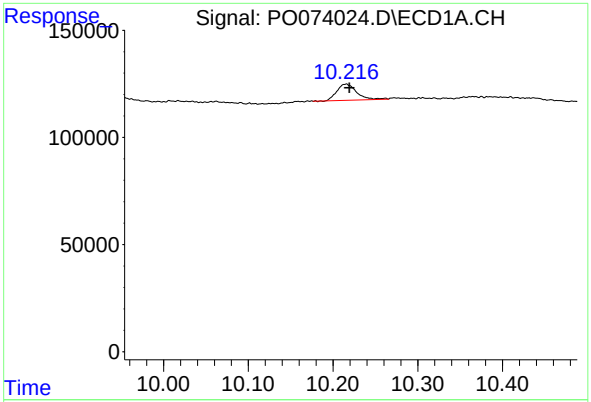

#43 AR-1268-3

R.T.: 9.777 min
Delta R.T.: -0.004 min
Response: 571381
Conc: 52.65 ng/ml




#43 AR-1268-3

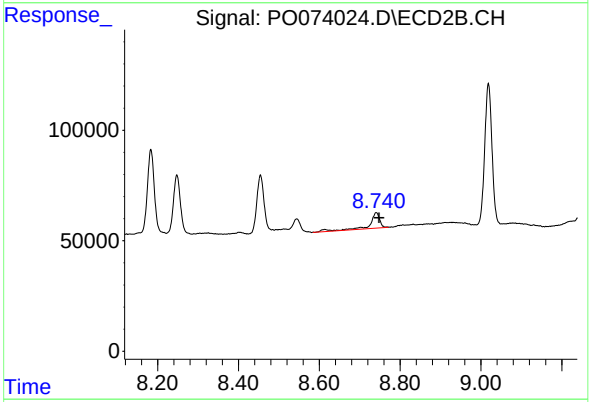
R.T.: 8.454 min
Delta R.T.: -0.009 min
Response: 297337
Conc: 42.11 ng/ml




#44 AR-1268-4

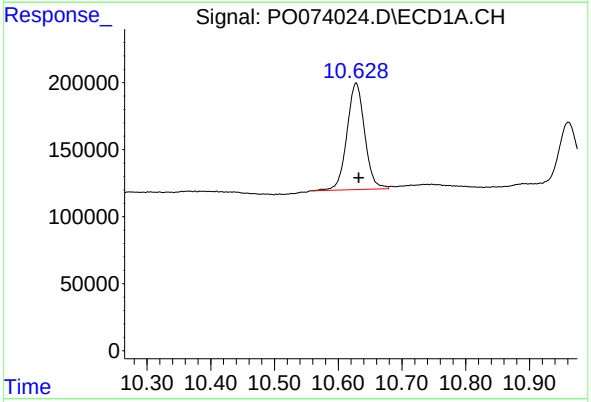
R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 121777
Conc: 26.00 ng/ml

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



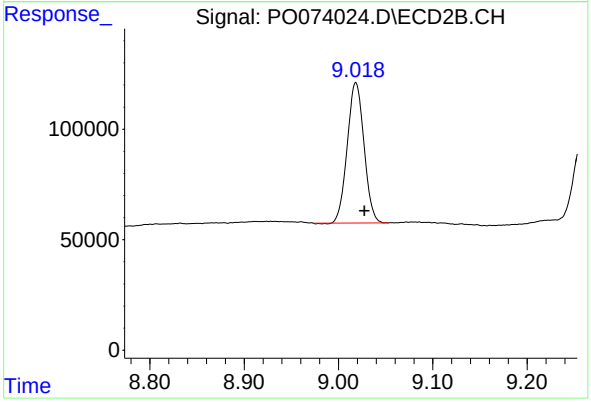

#44 AR-1268-4

R.T.: 8.741 min
Delta R.T.: -0.007 min
Response: 122748
Conc: 41.47 ng/ml




#45 AR-1268-5

R.T.: 10.628 min
Delta R.T.: -0.004 min
Response: 1535545
Conc: 46.92 ng/ml




#45 AR-1268-5

R.T.: 9.018 min
Delta R.T.: -0.009 min
Response: 785325
Conc: 39.09 ng/ml