Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO011921\
Data File : PO074931.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Jan 2021 11:01
Operator : AJ/MA
Sample : M1104-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 03:40:28 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO011121.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 12 06:02:45 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... | 4.927 | 4.001 | 1686325 | 868297 | 15.981 | 15.436 | |
| 2) | SA Decachlor... | 10.942 | 9.252 | 2040520 | 1004866 | 20.105 | 18.302 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 0.000 | 5.267 | 0 | 22439 | N.D. | 9.811 | # |
| 4) | L1 AR-1016-2 | 0.000 | 5.267 | 0 | 22439 | N.D. | 7.102 | # |
| 8) | L2 AR-1221-1 | 5.181 | 0.000 | 125992 | 0 | 102.574 | N.D. | # |
| 10) | L2 AR-1221-3 | 5.380 | 4.441 | 68273 | 40042 | 24.234 | 25.042 | |
| 11) | L3 AR-1232-1 | 5.380 | 4.441 | 68273 | 40042 | 29.810 | 30.548 | |
| 12) | L3 AR-1232-2 | 0.000 | 5.267 | 0 | 22439 | N.D. | 16.618 | # |
| 16) | L4 AR-1242-1 | 0.000 | 5.267 | 0 | 22439 | N.D. | 12.174 | # |
| 17) | L4 AR-1242-2 | 0.000 | 5.267 | 0 | 22439 | N.D. | 8.914 | # |
| 20) | L4 AR-1242-5 | 0.000 | 6.110 | 0 | 91638 | N.D. | 52.340 | # |
| 21) | L5 AR-1248-1 | 0.000 | 5.267f | 0 | 22439 | N.D. | 16.316 | # |
| 24) | L5 AR-1248-4 | 7.195 | 0.000 | 299974 | 0 | 67.267 | N.D. | # |
| 26) | L6 AR-1254-1 | 7.165 | 6.110 | 79514 | 91638 | 18.079 | 25.370 | # |
| 27) | L6 AR-1254-2 | 7.394 | 6.267 | 187255 | 85440 | 27.494 | 27.415 | |
| 28) | L6 AR-1254-3 | 7.777 | 6.684 | 213707 | 161264 | 30.467 | 32.885 | |
| 29) | L6 AR-1254-4 | 8.072 | 6.922 | 127599 | 84129 | 21.040 | 24.260 | |
| 30) | L6 AR-1254-5 | 8.502 | 7.347 | 332709 | 240524 | 57.275 | 53.143 | |
| 31) | L7 AR-1260-1 | 7.943 | 6.821 | 112990 | 148484 | 22.649 | 46.543 | # |
| 32) | L7 AR-1260-2 | 8.208 | 7.016 | 278841 | 106811 | 40.993 | 25.126 | # |
| 33) | L7 AR-1260-3 | 8.575 | 7.168 | 390491 | 62623 | 68.128 | 17.379 | # |
| 34) | L7 AR-1260-4 | 8.822 | 7.647 | 583877 | 260077 | 106.716 | 83.056 | |
| 35) | L7 AR-1260-5 | 9.132 | 7.894 | 239473 | 114438 | 19.166 | 14.397 | |
| 36) | L8 AR-1262-1 | 8.575 | 7.347 | 390491 | 240524 | 43.855 | 94.524 | # |
| 37) | L8 AR-1262-2 | 9.132 | 7.894 | 239473 | 114438 | 15.641 | 12.447 | |
| 38) | L8 AR-1262-3 | 9.442 | 8.180 | 2097139 | 1581598 | 209.383 | 399.967 | # |
| 39) | L8 AR-1262-4 | 9.539 | 8.248 | 1156444 | 1181280 | 155.283 | 178.301 | |
| 40) | L8 AR-1262-5 | 10.199 | 8.736 | 322068 | 191009 | 61.562 | 61.867 | |
| 41) | L9 AR-1268-1 | 9.442 | 8.180 | 2097139 | 1581598 | 112.246 | 141.280 | # |
| 42) | L9 AR-1268-2 | 9.539 | 8.248 | 1156444 | 1181280 | 72.482 | 123.472 | # |
| 43) | L9 AR-1268-3 | 9.763 | 8.449 | 1454686 | 793850 | 102.428 | 95.543 | |
| 44) | L9 AR-1268-4 | 10.199 | 8.736 | 322068 | 191009 | 54.974 | 55.059 | |
| 45) | L9 AR-1268-5 | 10.611 | 9.013 | 4325680 | 2167115 | 103.514 | 91.521 | |

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

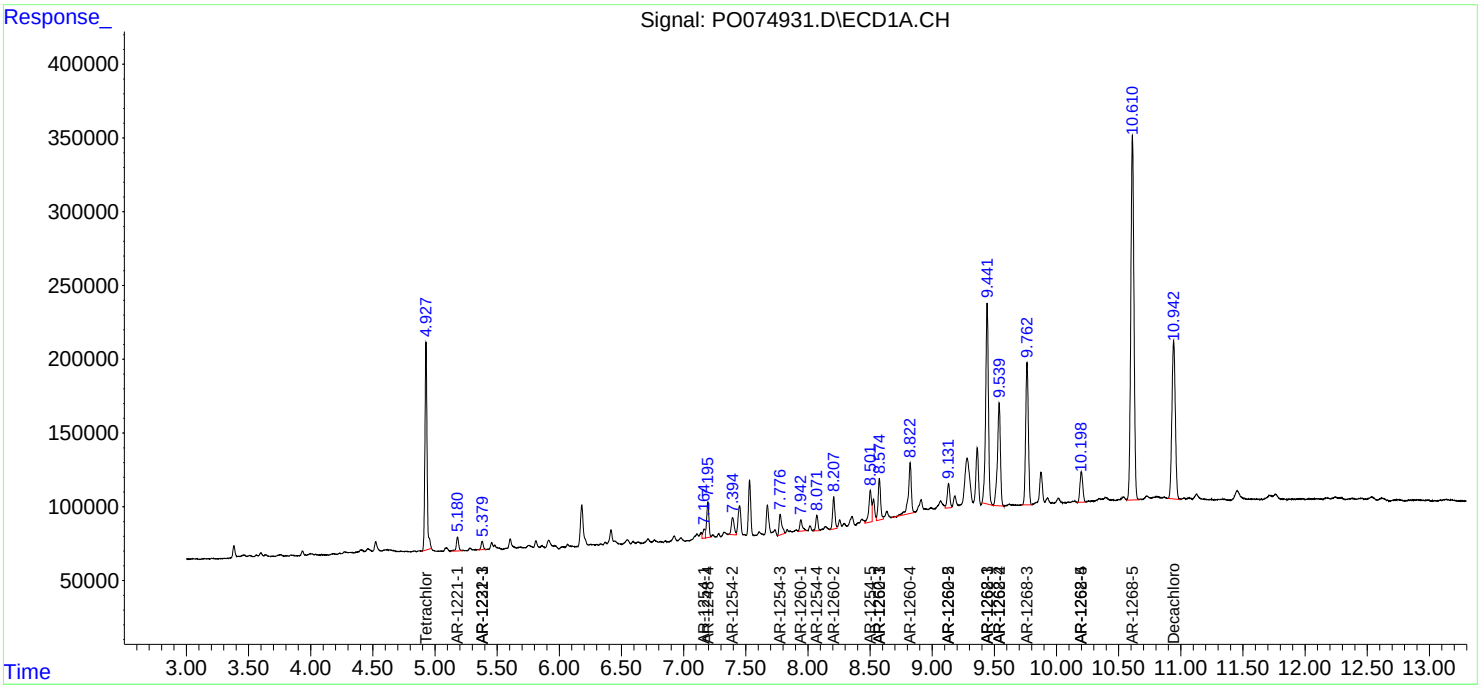
Quantitation Report (Not Reviewed)

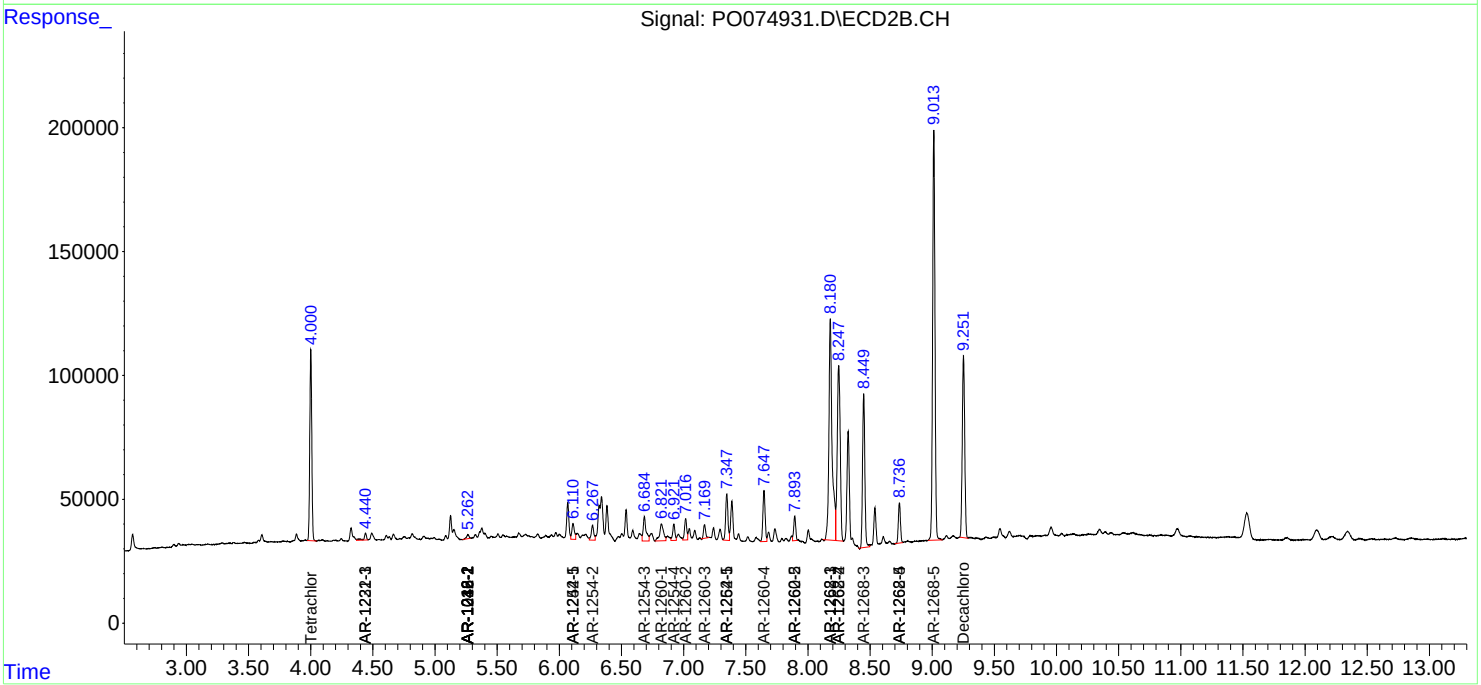
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO011921\
Data File : PO074931.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Jan 2021 11:01
Operator : AJ/MA
Sample : M1104-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

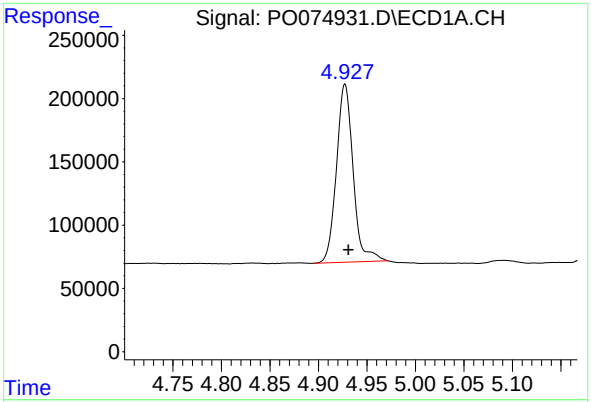
**Instrument :** ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 03:40:28 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO011121.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 12 06:02:45 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



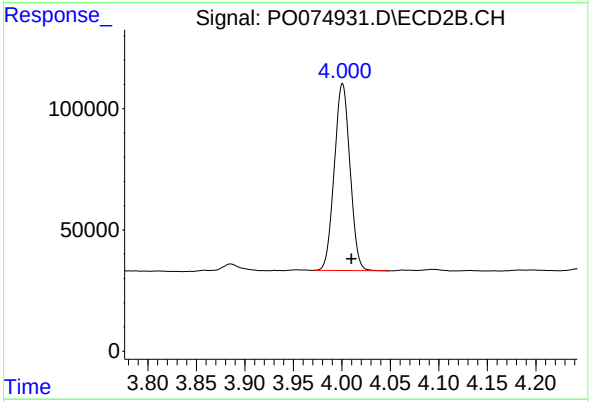






#1 Tetrachloro-m-xylene

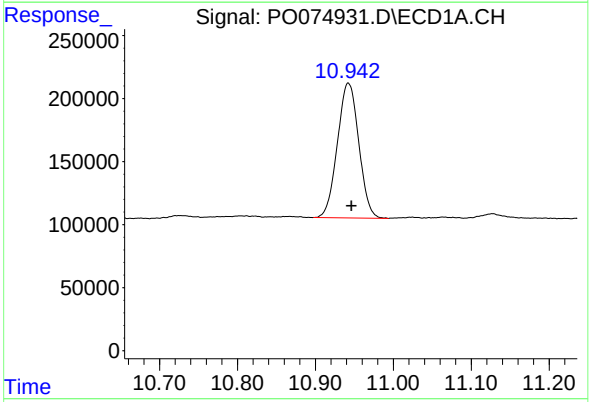
R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 1686325
Conc: 15.98 ng/ml

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



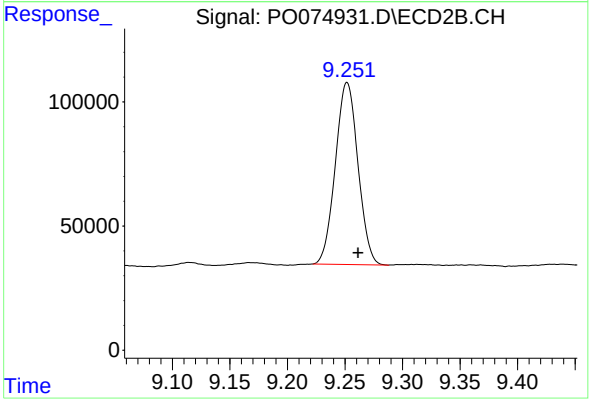

#1 Tetrachloro-m-xylene

R.T.: 4.001 min
Delta R.T.: -0.009 min
Response: 868297
Conc: 15.44 ng/ml



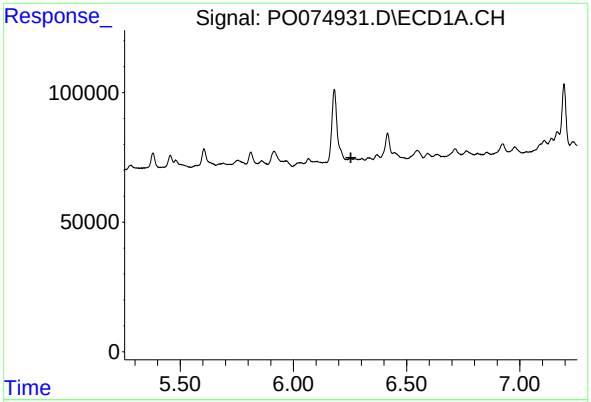

#2 Decachlorobiphenyl

R.T.: 10.942 min
Delta R.T.: -0.004 min
Response: 2040520
Conc: 20.11 ng/ml




#2 Decachlorobiphenyl

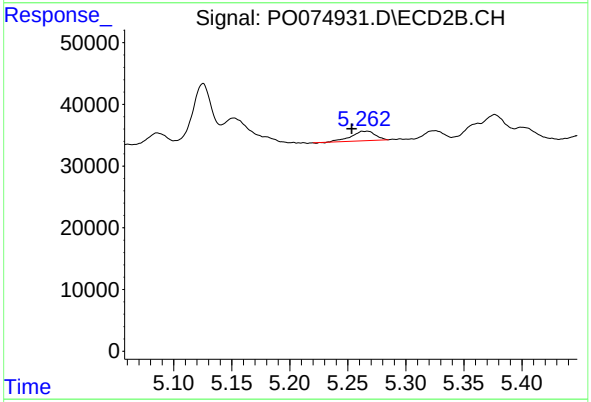
R.T.: 9.252 min
Delta R.T.: -0.010 min
Response: 1004866
Conc: 18.30 ng/ml




#3 AR-1016-1

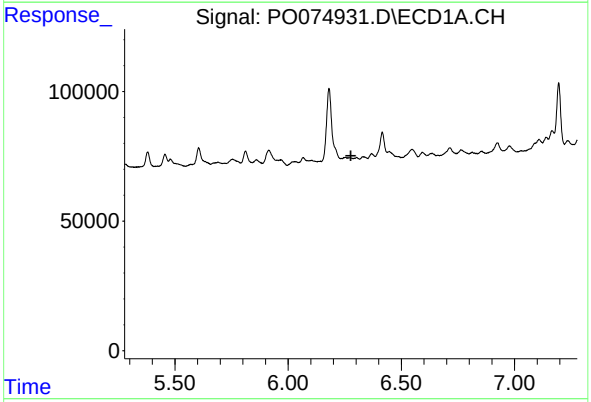
R.T.: 0.000 min
Exp R.T. : 6.254 min
Response: 0
Conc: N.D.

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



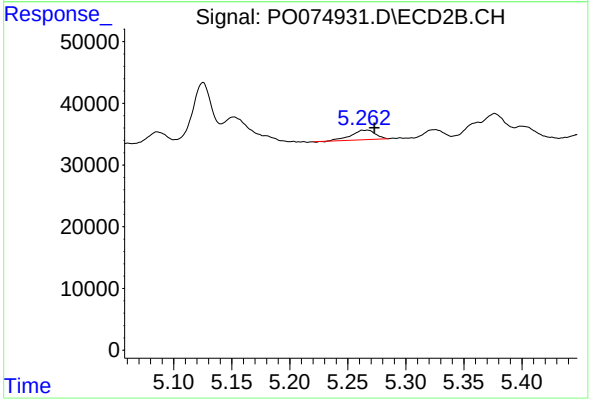

#3 AR-1016-1

R.T.: 5.267 min
Delta R.T.: 0.014 min
Response: 22439
Conc: 9.81 ng/ml



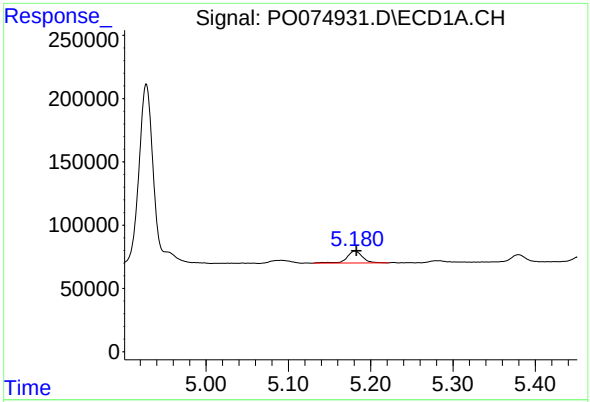

#4 AR-1016-2

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




#4 AR-1016-2

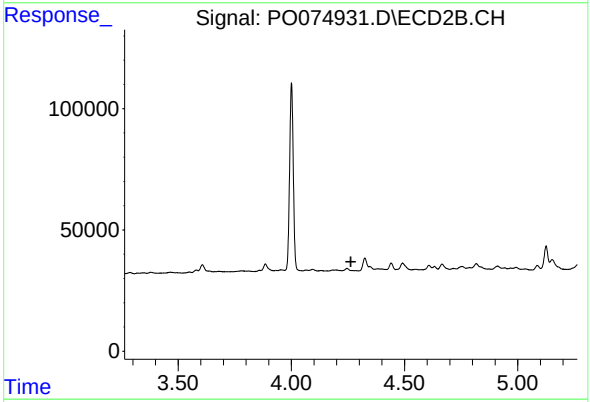
R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 22439
Conc: 7.10 ng/ml




#8 AR-1221-1

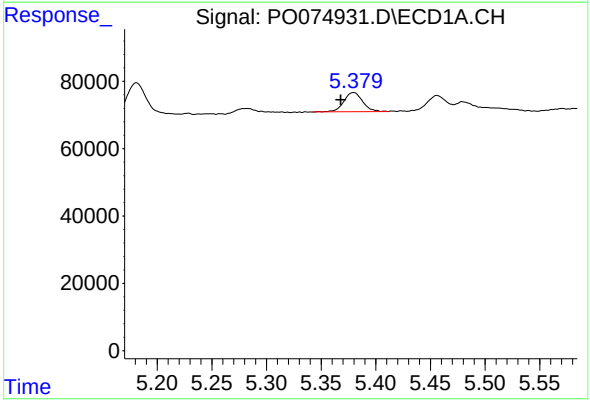
R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 125992
Conc: 102.57 ng/ml

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



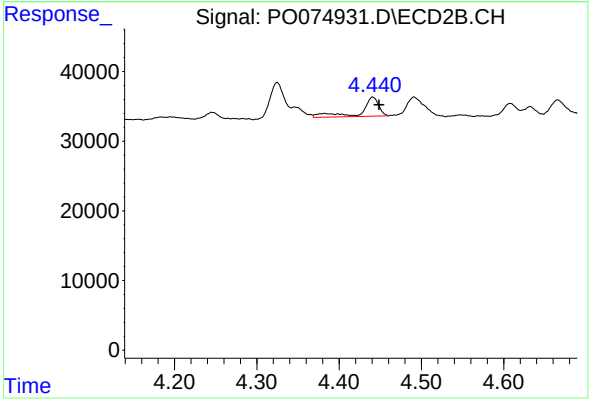

#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.263 min
Response: 0
Conc: N.D.



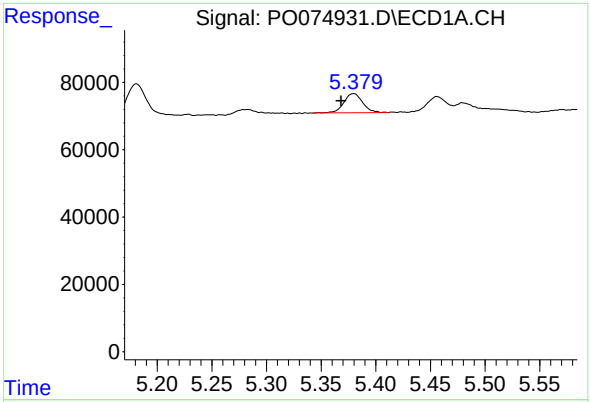

#10 AR-1221-3

R.T.: 5.380 min
Delta R.T.: 0.012 min
Response: 68273
Conc: 24.23 ng/ml




#10 AR-1221-3

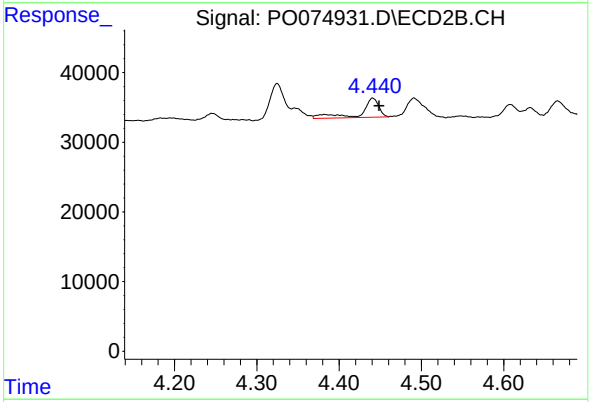
R.T.: 4.441 min
Delta R.T.: -0.008 min
Response: 40042
Conc: 25.04 ng/ml




#11 AR-1232-1

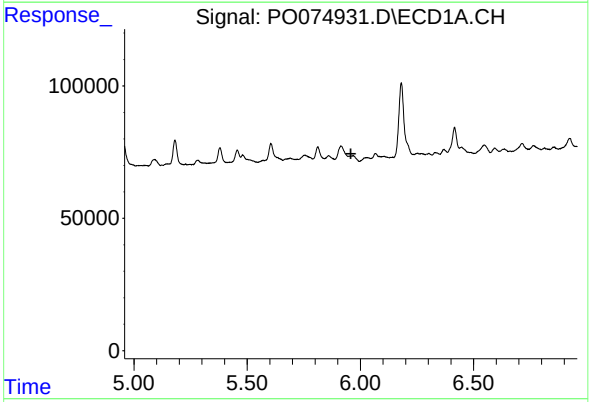
R.T.: 5.380 min
Delta R.T.: 0.012 min
Response: 68273
Conc: 29.81 ng/ml

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



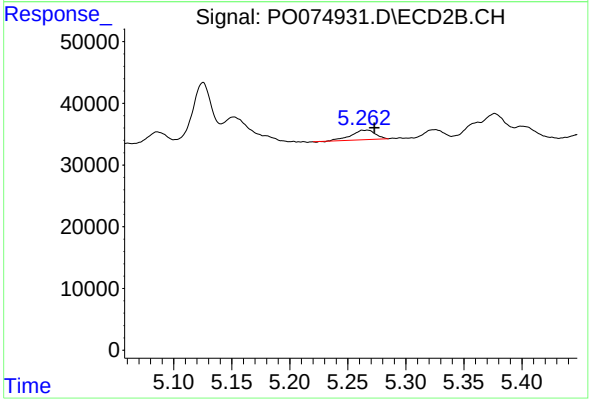

#11 AR-1232-1

R.T.: 4.441 min
Delta R.T.: -0.008 min
Response: 40042
Conc: 30.55 ng/ml



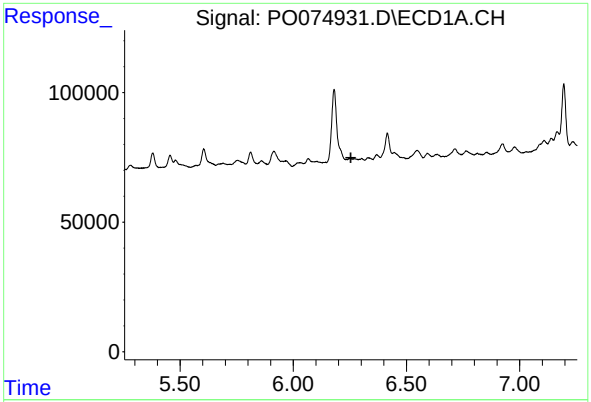

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.958 min
Response: 0
Conc: N.D.




#12 AR-1232-2

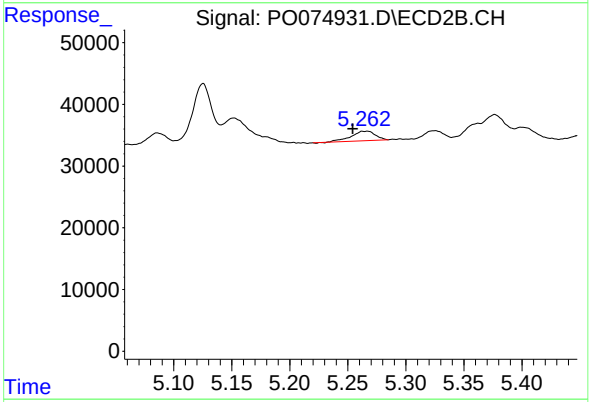
R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 22439
Conc: 16.62 ng/ml




#16 AR-1242-1

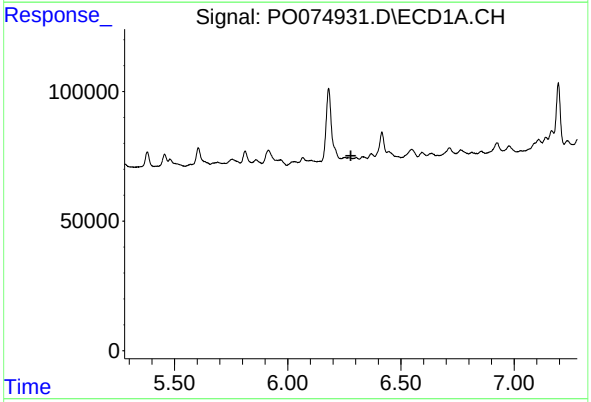
R.T.: 0.000 min
Exp R.T. : 6.255 min
Response: 0
Conc: N.D.

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



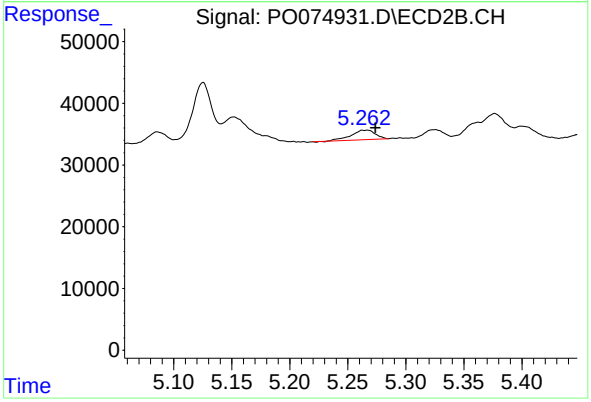

#16 AR-1242-1

R.T.: 5.267 min
Delta R.T.: 0.013 min
Response: 22439
Conc: 12.17 ng/ml



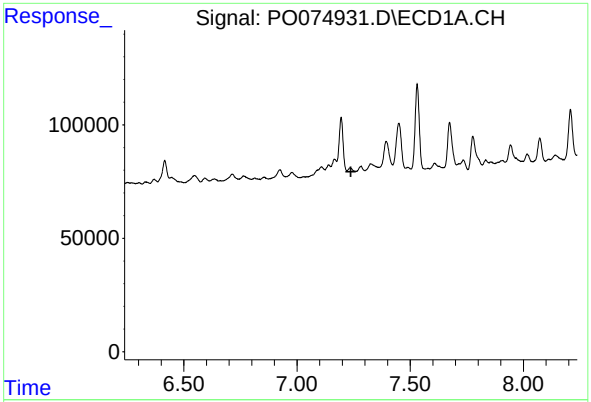

#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.279 min
Response: 0
Conc: N.D.




#17 AR-1242-2

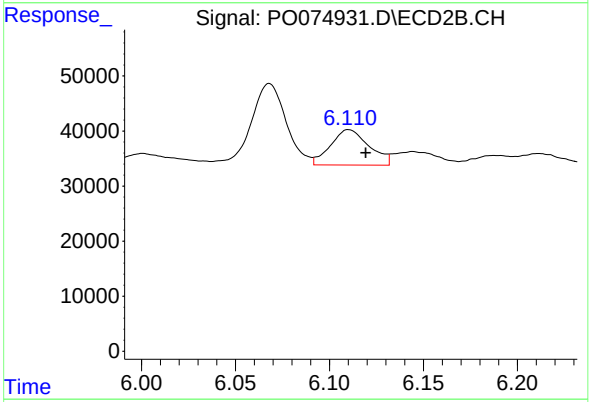
R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 22439
Conc: 8.91 ng/ml




#20 AR-1242-5

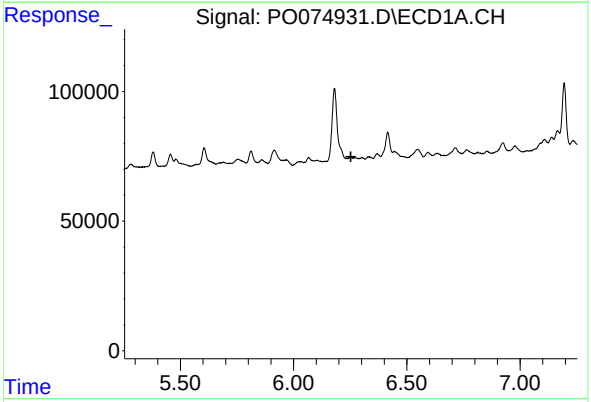
R.T.: 0.000 min
Exp R.T. : 7.238 min
Response: 0
Conc: N.D.

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



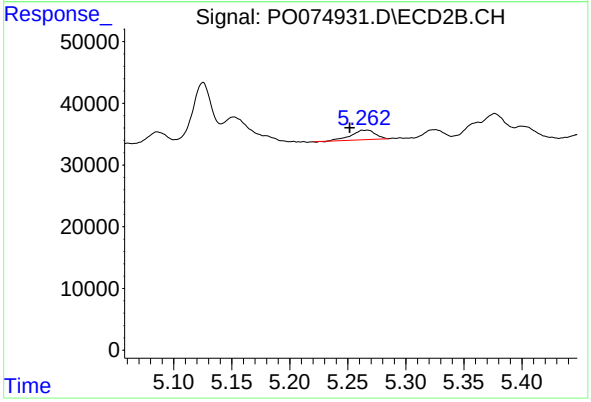

#20 AR-1242-5

R.T.: 6.110 min
Delta R.T.: -0.009 min
Response: 91638
Conc: 52.34 ng/ml



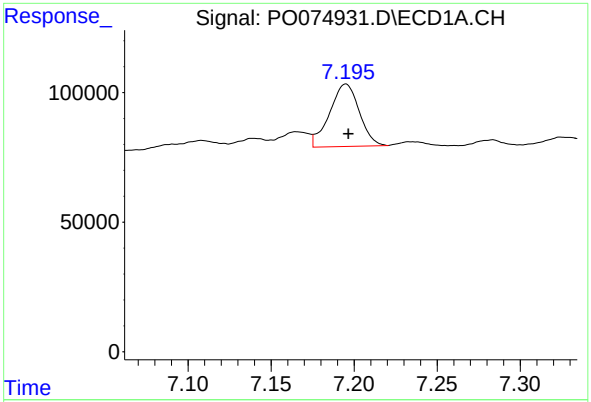

#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.253 min
Response: 0
Conc: N.D.




#21 AR-1248-1

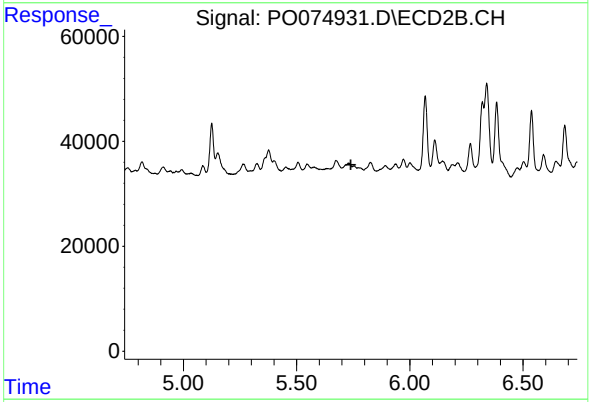
R.T.: 5.267 min
Delta R.T.: 0.015 min
Response: 22439
Conc: 16.32 ng/ml




#24 AR-1248-4

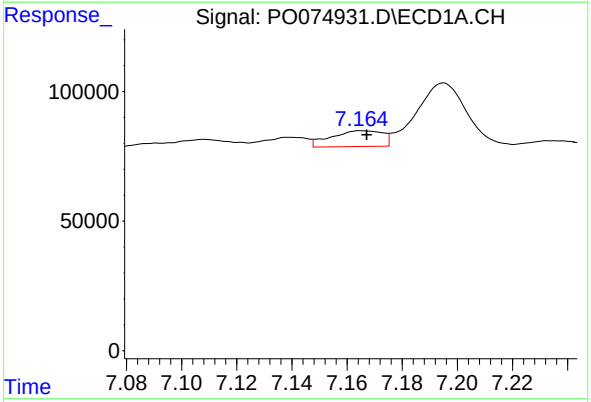
R.T.: 7.195 min
Delta R.T.: -0.002 min
Response: 299974
Conc: 67.27 ng/ml

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



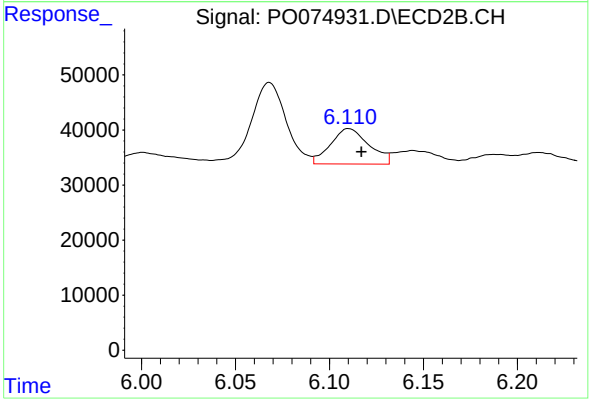

#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.740 min
Response: 0
Conc: N.D.



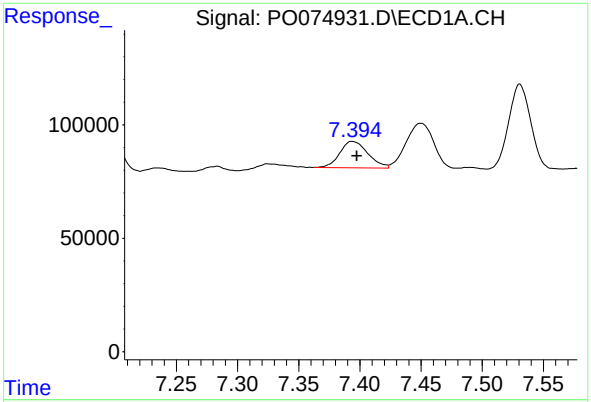

#26 AR-1254-1

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 79514
Conc: 18.08 ng/ml




#26 AR-1254-1

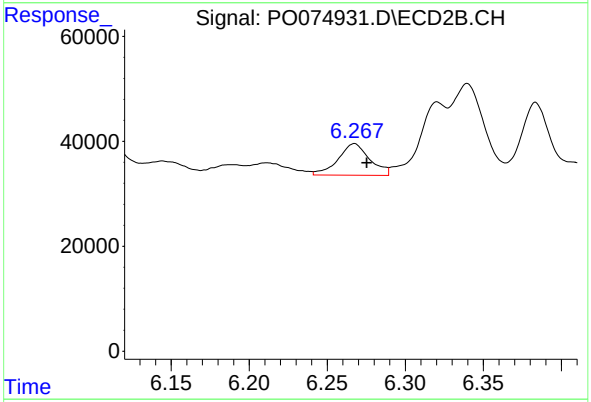
R.T.: 6.110 min
Delta R.T.: -0.007 min
Response: 91638
Conc: 25.37 ng/ml




#27 AR-1254-2

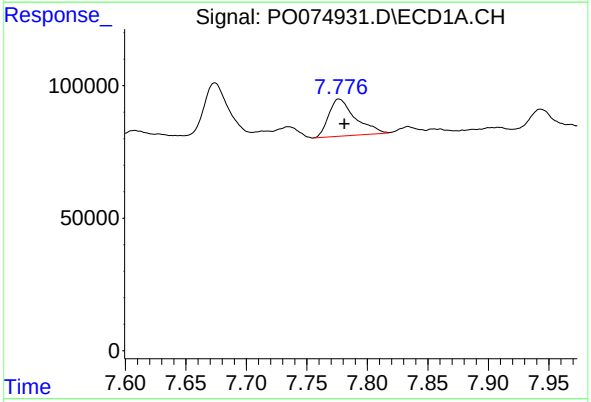
R.T.: 7.394 min
Delta R.T.: -0.004 min
Response: 187255
Conc: 27.49 ng/ml

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



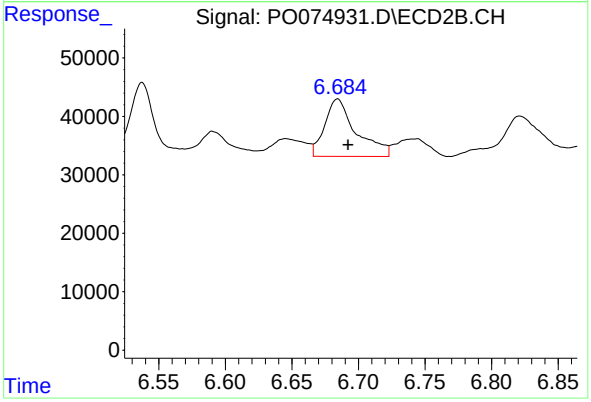

#27 AR-1254-2

R.T.: 6.267 min
Delta R.T.: -0.008 min
Response: 85440
Conc: 27.42 ng/ml



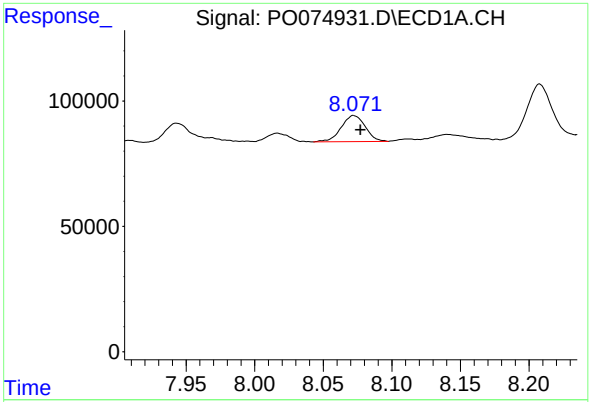

#28 AR-1254-3

R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 213707
Conc: 30.47 ng/ml




#28 AR-1254-3

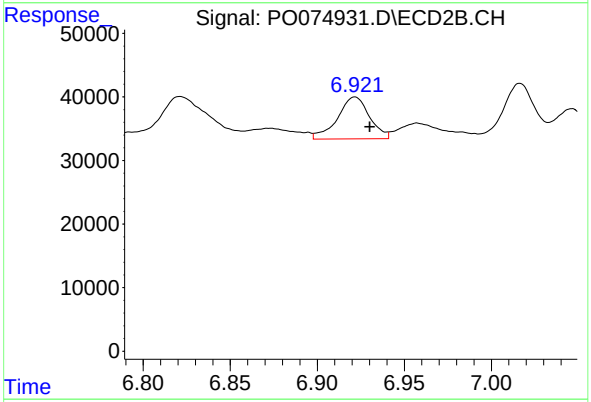
R.T.: 6.684 min
Delta R.T.: -0.008 min
Response: 161264
Conc: 32.88 ng/ml




#29 AR-1254-4

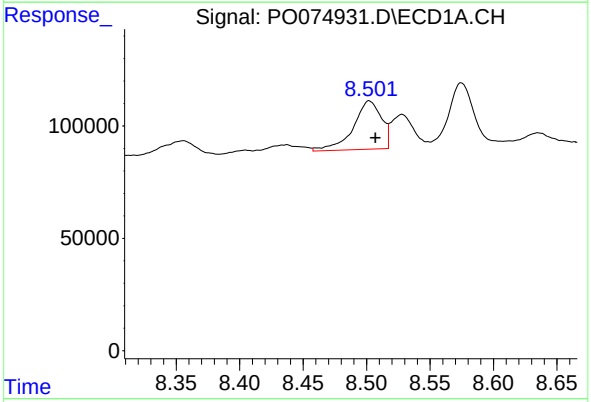
R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 127599
Conc: 21.04 ng/ml

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



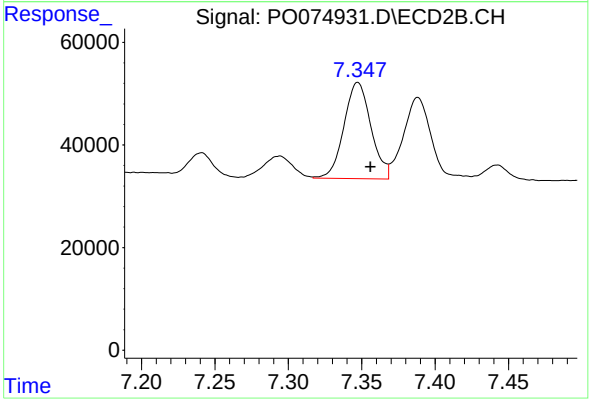

#29 AR-1254-4

R.T.: 6.922 min
Delta R.T.: -0.008 min
Response: 84129
Conc: 24.26 ng/ml



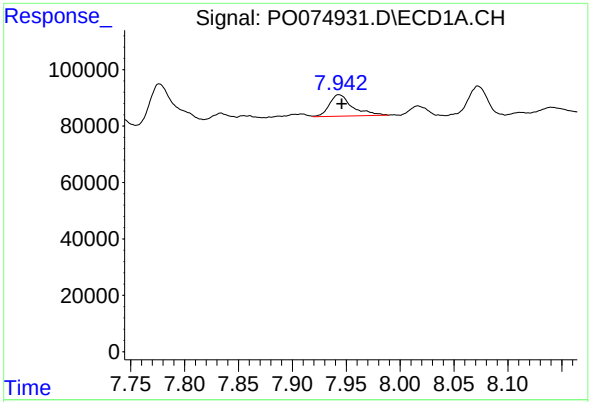

#30 AR-1254-5

R.T.: 8.502 min
Delta R.T.: -0.005 min
Response: 332709
Conc: 57.28 ng/ml




#30 AR-1254-5

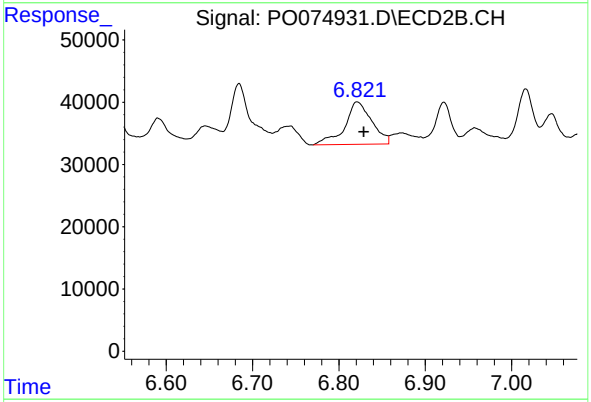
R.T.: 7.347 min
Delta R.T.: -0.008 min
Response: 240524
Conc: 53.14 ng/ml




#31 AR-1260-1

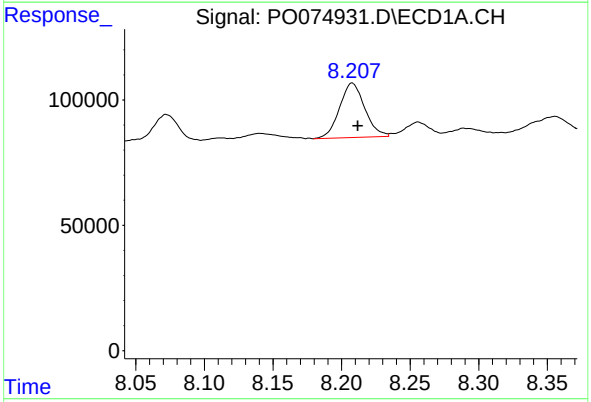
R.T.: 7.943 min
Delta R.T.: -0.002 min
Response: 112990
Conc: 22.65 ng/ml

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



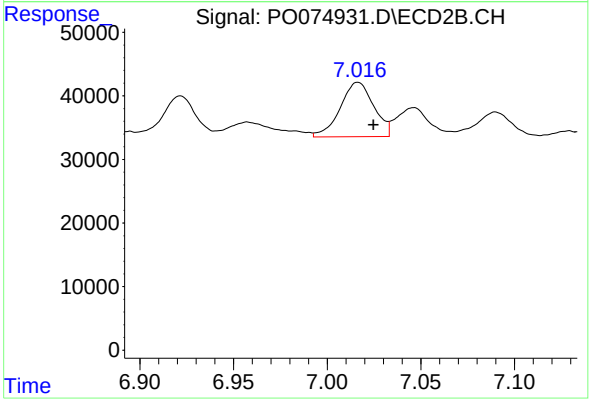

#31 AR-1260-1

R.T.: 6.821 min
Delta R.T.: -0.008 min
Response: 148484
Conc: 46.54 ng/ml



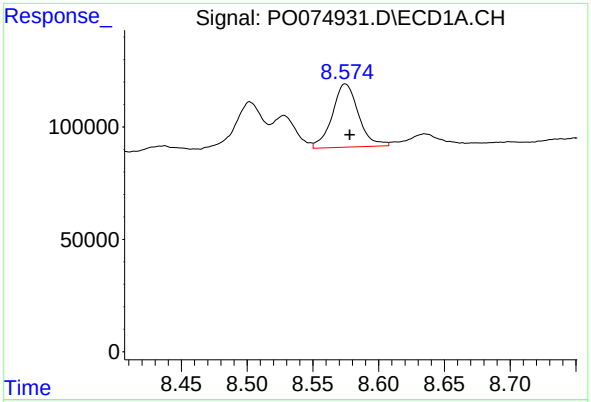

#32 AR-1260-2

R.T.: 8.208 min
Delta R.T.: -0.004 min
Response: 278841
Conc: 40.99 ng/ml




#32 AR-1260-2

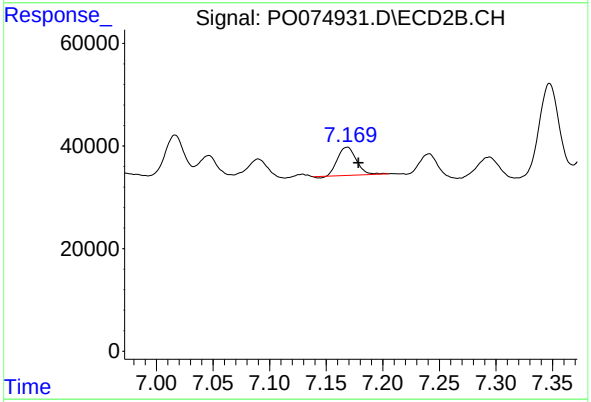
R.T.: 7.016 min
Delta R.T.: -0.008 min
Response: 106811
Conc: 25.13 ng/ml




#33 AR-1260-3

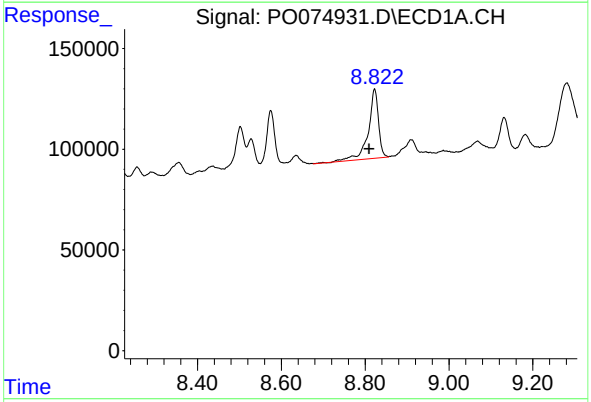
R.T.: 8.575 min
Delta R.T.: -0.003 min
Response: 390491
Conc: 68.13 ng/ml

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



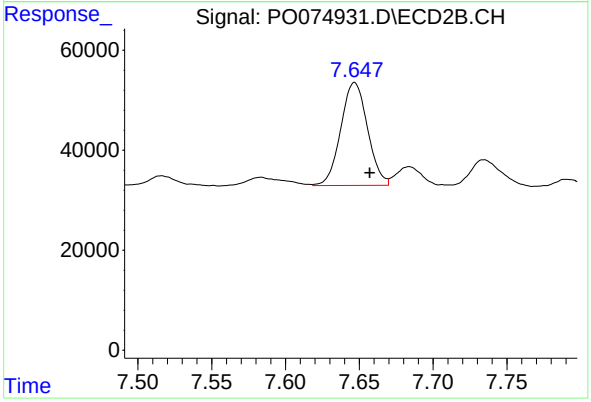

#33 AR-1260-3

R.T.: 7.168 min
Delta R.T.: -0.010 min
Response: 62623
Conc: 17.38 ng/ml



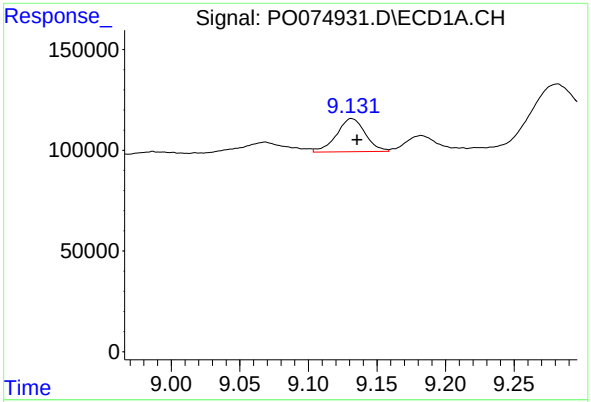

#34 AR-1260-4

R.T.: 8.822 min
Delta R.T.: 0.013 min
Response: 583877
Conc: 106.72 ng/ml




#34 AR-1260-4

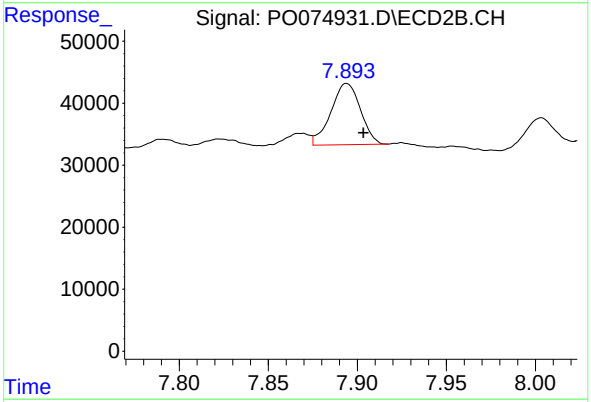
R.T.: 7.647 min
Delta R.T.: -0.010 min
Response: 260077
Conc: 83.06 ng/ml




#35 AR-1260-5

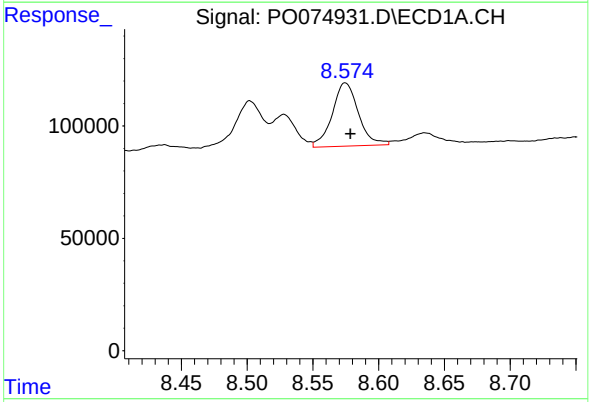
R.T.: 9.132 min
Delta R.T.: -0.004 min
Response: 239473
Conc: 19.17 ng/ml

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



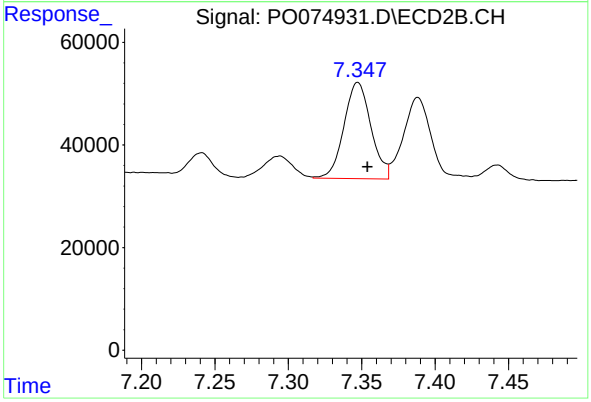

#35 AR-1260-5

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 114438
Conc: 14.40 ng/ml



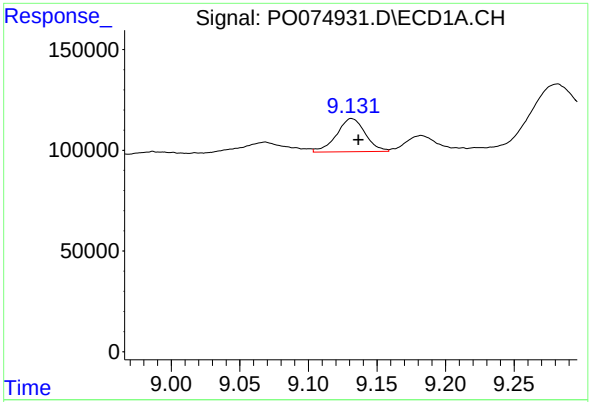

#36 AR-1262-1

R.T.: 8.575 min
Delta R.T.: -0.004 min
Response: 390491
Conc: 43.85 ng/ml




#36 AR-1262-1

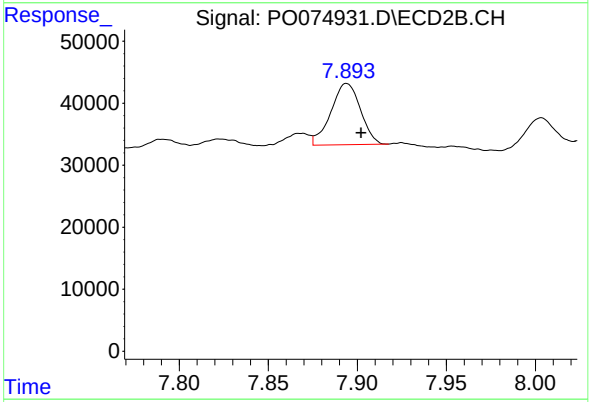
R.T.: 7.347 min
Delta R.T.: -0.007 min
Response: 240524
Conc: 94.52 ng/ml




#37 AR-1262-2

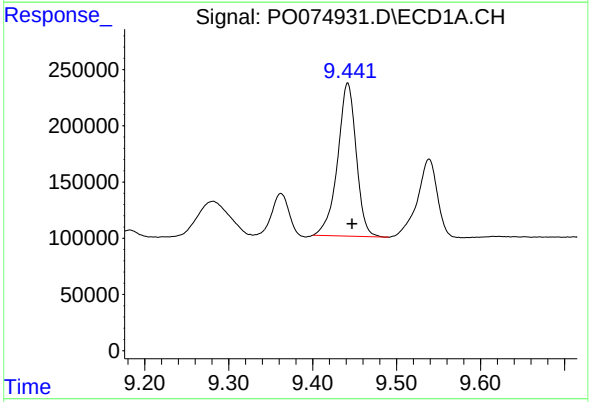
R.T.: 9.132 min
Delta R.T.: -0.005 min
Response: 239473
Conc: 15.64 ng/ml

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



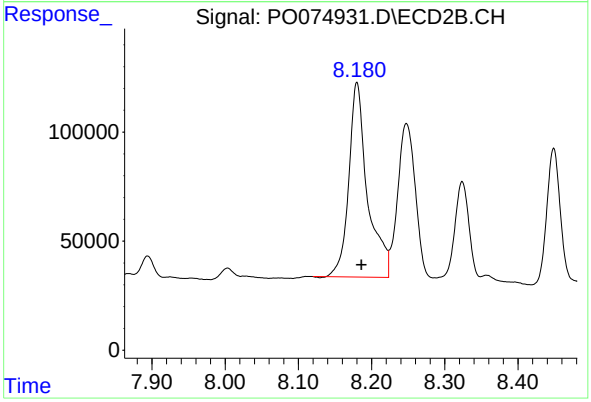

#37 AR-1262-2

R.T.: 7.894 min
Delta R.T.: -0.008 min
Response: 114438
Conc: 12.45 ng/ml



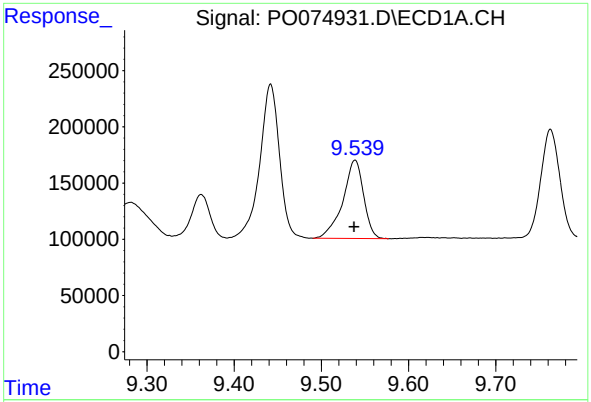

#38 AR-1262-3

R.T.: 9.442 min
Delta R.T.: -0.005 min
Response: 2097139
Conc: 209.38 ng/ml




#38 AR-1262-3

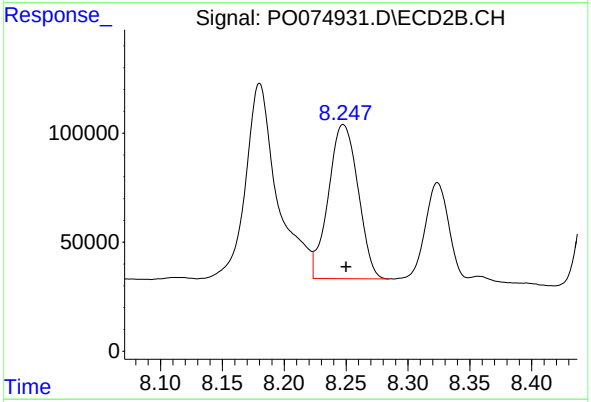
R.T.: 8.180 min
Delta R.T.: -0.006 min
Response: 1581598
Conc: 399.97 ng/ml




#39 AR-1262-4

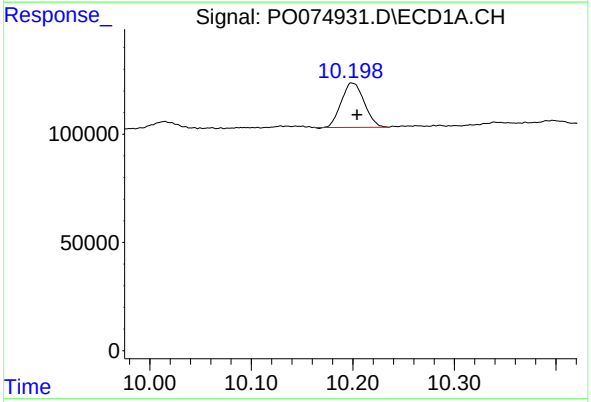
R.T.: 9.539 min
Delta R.T.: 0.001 min
Response: 1156444
Conc: 155.28 ng/ml

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



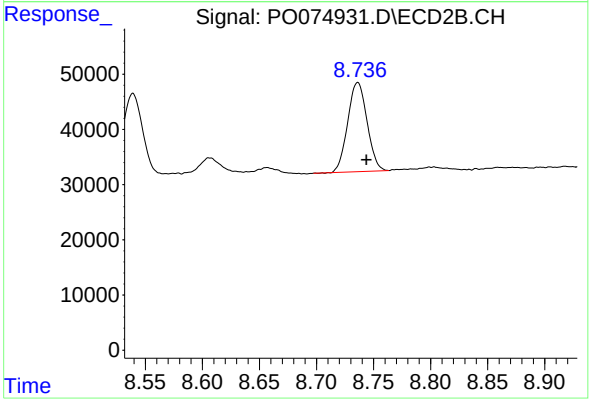

#39 AR-1262-4

R.T.: 8.248 min
Delta R.T.: -0.002 min
Response: 1181280
Conc: 178.30 ng/ml



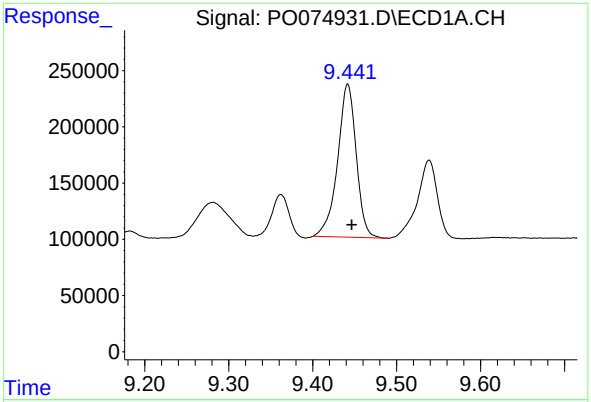

#40 AR-1262-5

R.T.: 10.199 min
Delta R.T.: -0.005 min
Response: 322068
Conc: 61.56 ng/ml




#40 AR-1262-5

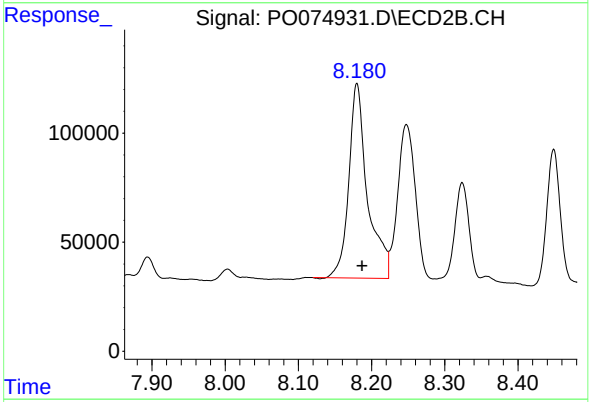
R.T.: 8.736 min
Delta R.T.: -0.008 min
Response: 191009
Conc: 61.87 ng/ml




#41 AR-1268-1

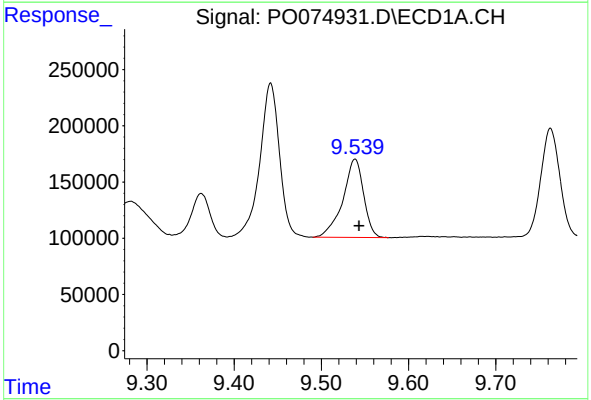
R.T.: 9.442 min
Delta R.T.: -0.005 min
Response: 2097139
Conc: 112.25 ng/ml

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



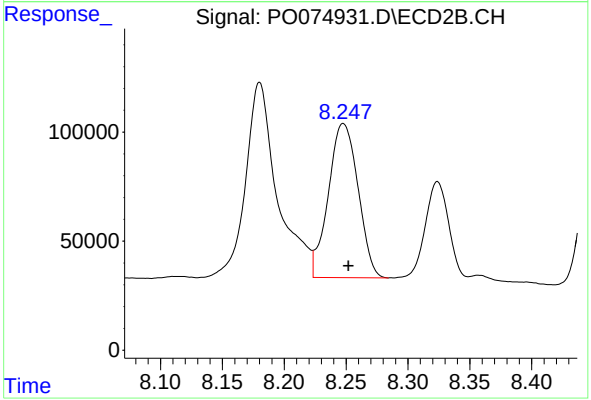

#41 AR-1268-1

R.T.: 8.180 min
Delta R.T.: -0.007 min
Response: 1581598
Conc: 141.28 ng/ml



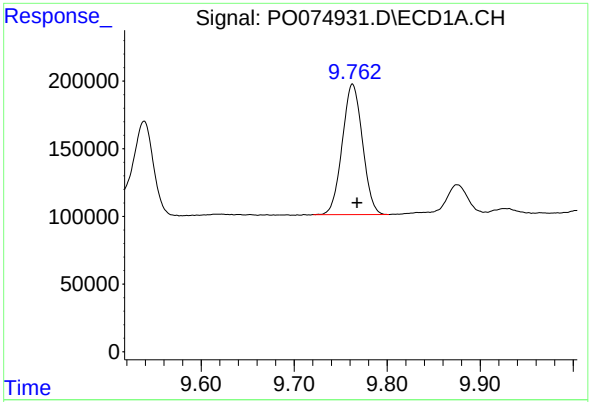

#42 AR-1268-2

R.T.: 9.539 min
Delta R.T.: -0.005 min
Response: 1156444
Conc: 72.48 ng/ml




#42 AR-1268-2

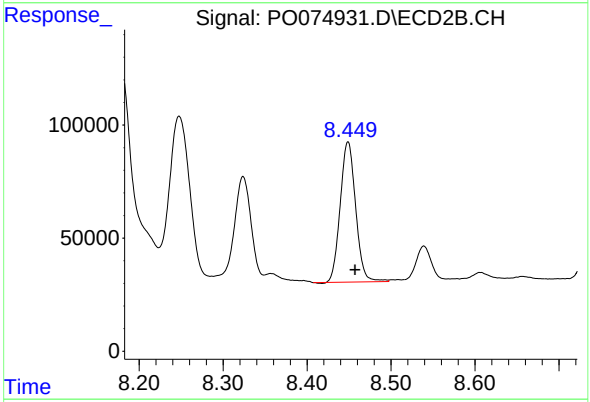
R.T.: 8.248 min
Delta R.T.: -0.004 min
Response: 1181280
Conc: 123.47 ng/ml




#43 AR-1268-3

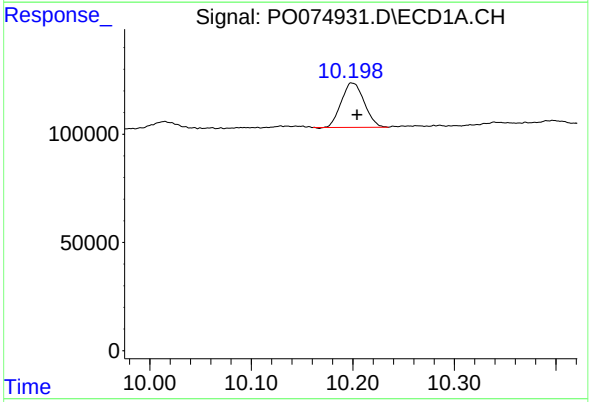
R.T.: 9.763 min
Delta R.T.: -0.005 min
Response: 1454686
Conc: 102.43 ng/ml

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



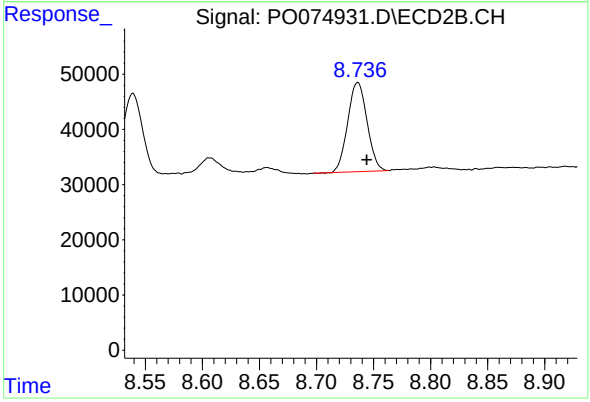

#43 AR-1268-3

R.T.: 8.449 min
Delta R.T.: -0.008 min
Response: 793850
Conc: 95.54 ng/ml



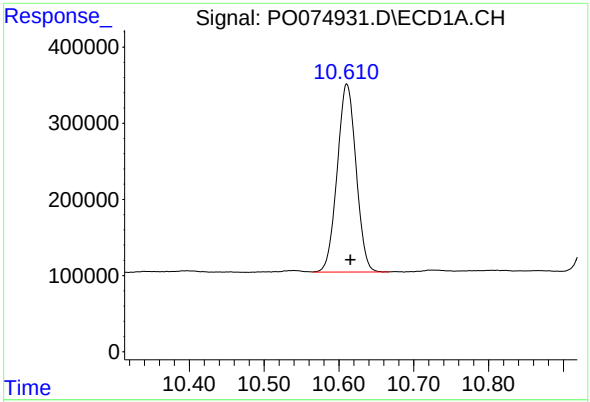

#44 AR-1268-4

R.T.: 10.199 min
Delta R.T.: -0.005 min
Response: 322068
Conc: 54.97 ng/ml




#44 AR-1268-4

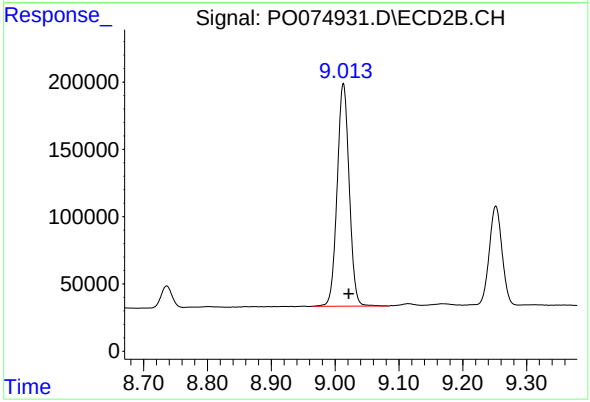
R.T.: 8.736 min
Delta R.T.: -0.008 min
Response: 191009
Conc: 55.06 ng/ml




#45 AR-1268-5

R.T.: 10.611 min
Delta R.T.: -0.005 min
Response: 4325680
Conc: 103.51 ng/ml

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




#45 AR-1268-5

R.T.: 9.013 min
Delta R.T.: -0.008 min
Response: 2167115
Conc: 91.52 ng/ml