Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110421\
Data File : PO082517.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Nov 2021 3:59
Operator : AJ\MA
Sample : M4470-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:36:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 03 05:20:12 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... | 4.968 | 3.964 | 1313325 | 633965 | 15.004 | 20.486 | # |
| 2) | SA Decachlor... | 11.073 | 9.279 | 1056461 | 447318 | 16.729 | 15.536 | |
| | Target Compounds | | | | | | | |
| 5) | L1 AR-1016-3 | 0.000 | 5.445 | 0 | 25216 | N.D. | 25.295 | # |
| 7) | L1 AR-1016-5 | 6.807 | 5.705 | 43508 | 11327 | 21.336 | 11.111 | # |
| 8) | L2 AR-1221-1 | 5.221 | 0.000 | 57045 | 0 | 60.489 | N.D. | # |
| 9) | L2 AR-1221-2 | 5.324 | 0.000 | 72 | 0 | 0.111 | N.D. | # |
| 10) | L2 AR-1221-3 | 5.440f | 0.000 | 58358 | 0 | 28.289 | N.D. | # |
| 11) | L3 AR-1232-1 | 5.440f | 0.000 | 58358 | 0 | 33.688 | N.D. | # |
| 13) | L3 AR-1232-3 | 0.000 | 5.445 | 0 | 25216 | N.D. | 63.589 | # |
| 15) | L3 AR-1232-5 | 0.000 | 5.705 | 0 | 11327 | N.D. | 30.214 | # |
| 18) | L4 AR-1242-3 | 0.000 | 5.445 | 0 | 25216 | N.D. | 34.593 | # |
| 20) | L4 AR-1242-5 | 7.310f | 0.000 | 39362 | 0 | 26.312 | N.D. | # |
| 23) | L5 AR-1248-3 | 6.807 | 0.000 | 43508 | 0 | 17.932 | N.D. | # |
| 24) | L5 AR-1248-4 | 0.000 | 5.705 | 0 | 11327 | N.D. | 9.240 | # |
| 25) | L5 AR-1248-5 | 7.310f | 0.000 | 39362 | 0 | 15.606 | N.D. | # |
| 27) | L6 AR-1254-2 | 7.449 | 6.288f | 82858 | 48144 | 19.891 | 28.132 | # |
| 29) | L6 AR-1254-4 | 8.147 | 0.000 | 30559 | 0 | 9.965 | N.D. | # |
| 30) | L6 AR-1254-5 | 8.562 | 0.000 | 108125 | 0 | 33.622 | N.D. | # |
| 31) | L7 AR-1260-1 | 0.000 | 6.798f | 0 | 27286 | N.D. | 15.042 | # |
| 32) | L7 AR-1260-2 | 0.000 | 7.017 | 0 | 54125 | N.D. | 22.616 | # |
| 33) | L7 AR-1260-3 | 8.650 | 0.000 | 146685 | 0 | 51.794 | N.D. | # |
| 34) | L7 AR-1260-4 | 8.875 | 0.000 | 7854 | 0 | 2.356 | N.D. | # |
| 35) | L7 AR-1260-5 | 9.203 | 7.880f | 72396 | 96242 | 11.537 | 23.113 | # |
| 36) | L8 AR-1262-1 | 8.650 | 0.000 | 146685 | 0 | 39.533 | N.D. | # |
| 37) | L8 AR-1262-2 | 9.203 | 7.880f | 72396 | 96242 | 11.335 | 23.583 | # |
| 39) | L8 AR-1262-4 | 9.625 | 0.000 | 41759 | 0 | 24.744 | N.D. | # |
| 42) | L9 AR-1268-2 | 9.625 | 0.000 | 41759 | 0 | 5.523 | N.D. | # |
| 43) | L9 AR-1268-3 | 9.847 | 0.000 | 32032 | 0 | 4.882 | N.D. | # |
| 45) | L9 AR-1268-5 | 10.721 | 0.000 | 69490 | 0 | 3.141 | N.D. | # |

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

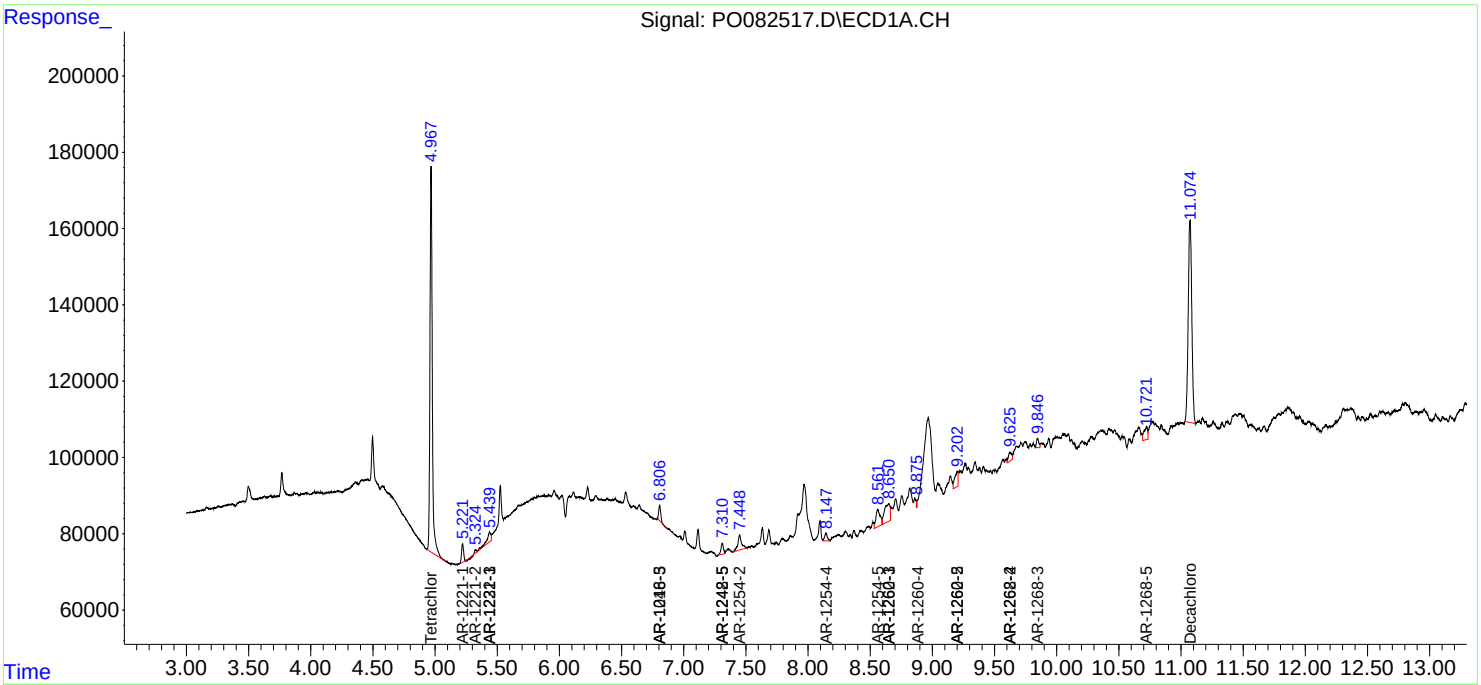
Quantitation Report (Not Reviewed)

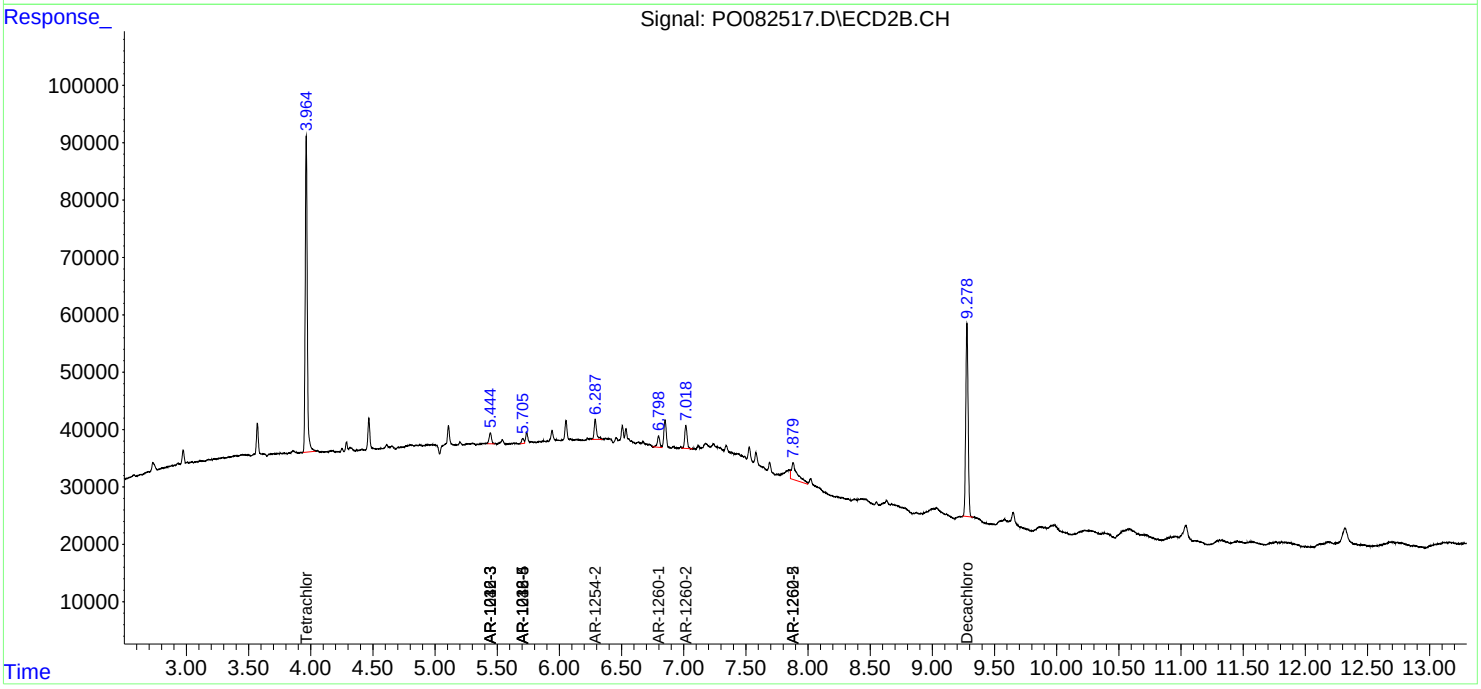
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110421\
Data File : PO082517.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Nov 2021 3:59
Operator : AJ\MA
Sample : M4470-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

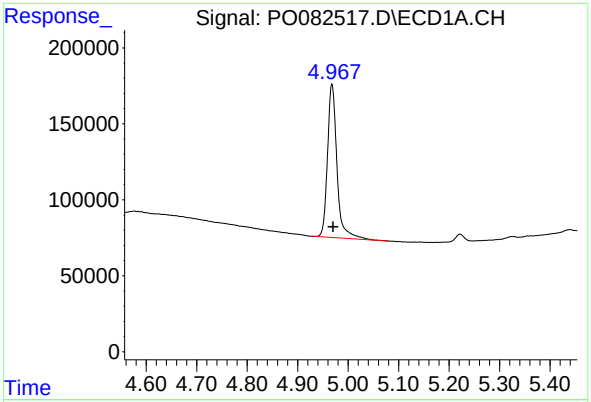
**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:36:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 03 05:20:12 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



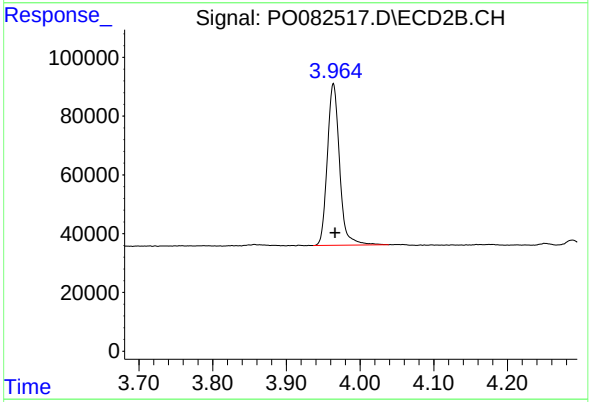






#1 Tetrachloro-m-xylene

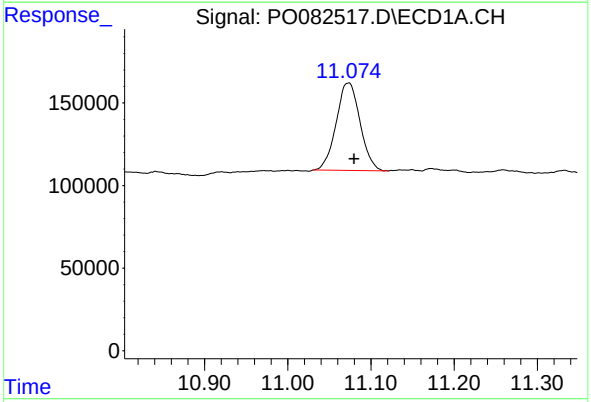
R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 1313325
Conc: 15.00 ng/ml

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



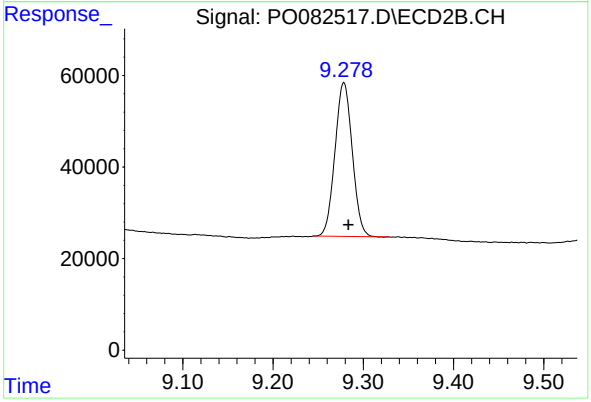

#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 633965
Conc: 20.49 ng/ml



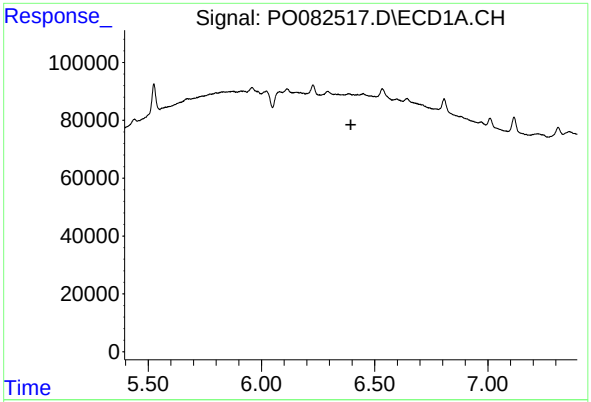

#2 Decachlorobiphenyl

R.T.: 11.073 min
Delta R.T.: -0.006 min
Response: 1056461
Conc: 16.73 ng/ml




#2 Decachlorobiphenyl

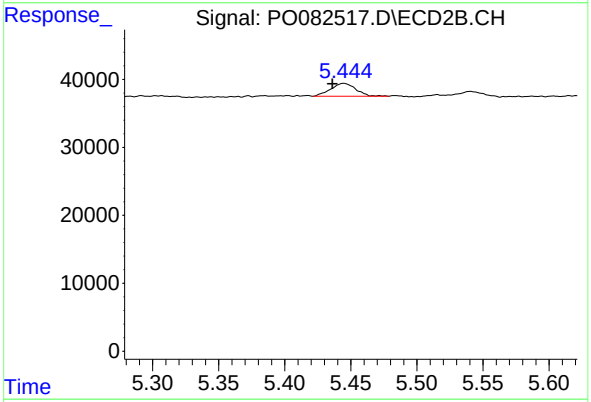
R.T.: 9.279 min
Delta R.T.: -0.005 min
Response: 447318
Conc: 15.54 ng/ml




#5 AR-1016-3

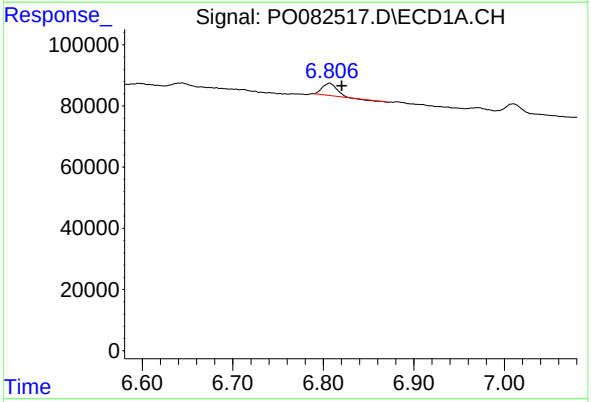
R.T.: 0.000 min
Exp R.T. : 6.395 min
Response: 0
Conc: N.D.

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



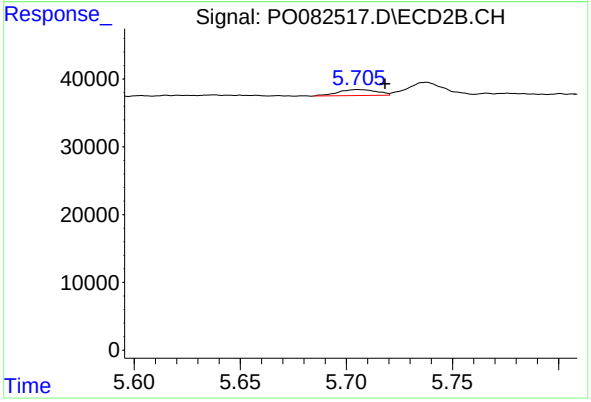

#5 AR-1016-3

R.T.: 5.445 min
Delta R.T.: 0.009 min
Response: 25216
Conc: 25.29 ng/ml



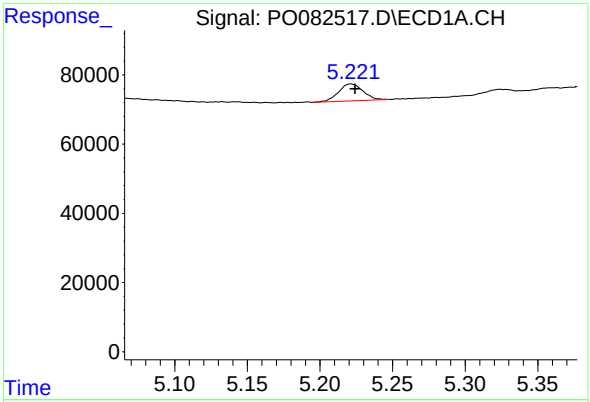

#7 AR-1016-5

R.T.: 6.807 min
Delta R.T.: -0.014 min
Response: 43508
Conc: 21.34 ng/ml




#7 AR-1016-5

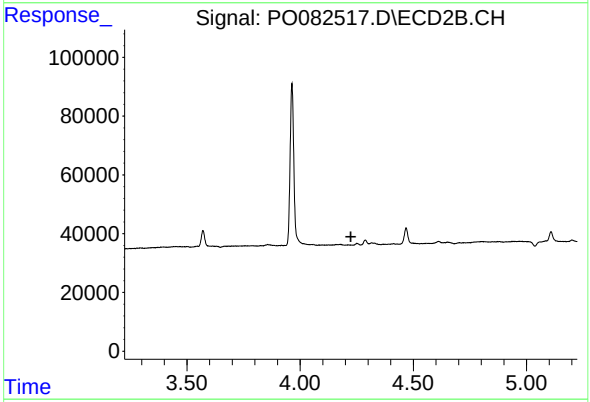
R.T.: 5.705 min
Delta R.T.: -0.013 min
Response: 11327
Conc: 11.11 ng/ml




#8 AR-1221-1

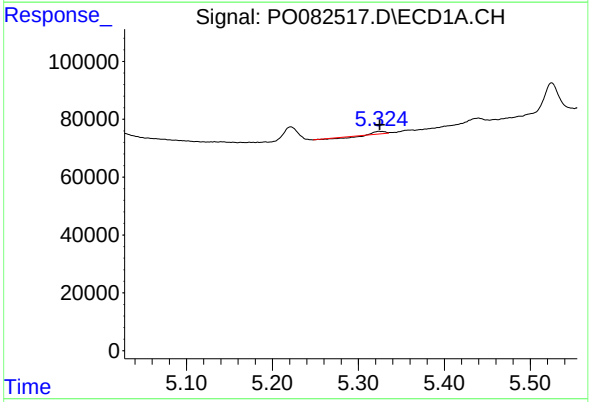
R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 57045
Conc: 60.49 ng/ml

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



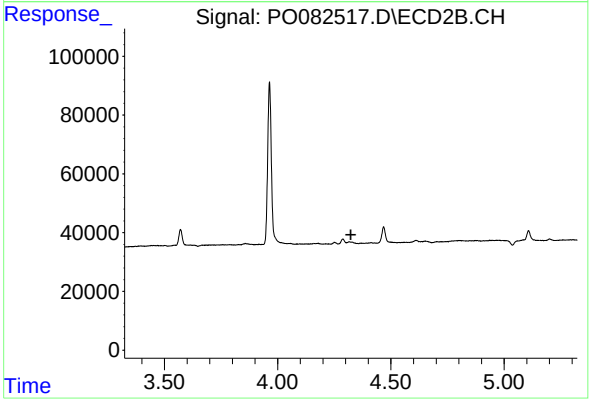

#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.224 min
Response: 0
Conc: N.D.



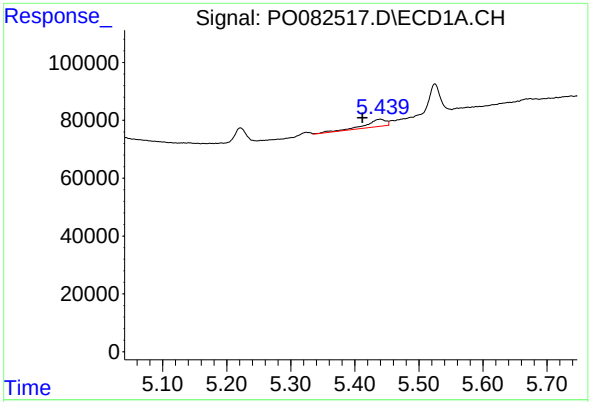

#9 AR-1221-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 72
Conc: 0.11 ng/ml




#9 AR-1221-2

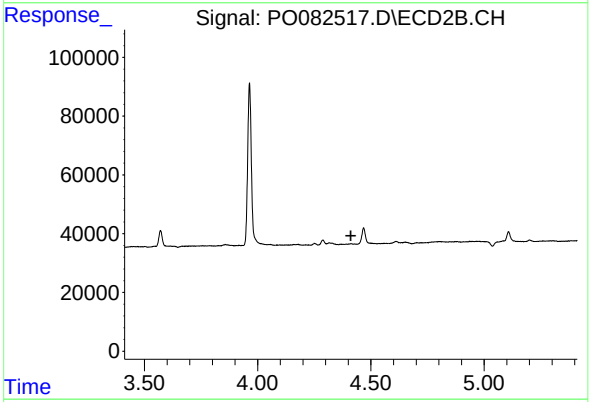
R.T.: 0.000 min
Exp R.T. : 4.323 min
Response: 0
Conc: N.D.




#10 AR-1221-3

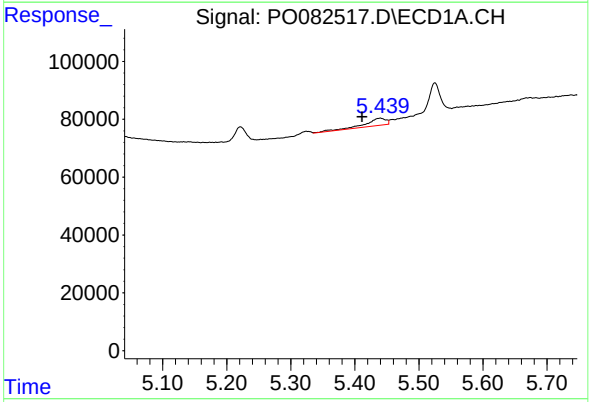
R.T.: 5.440 min
Delta R.T.: 0.028 min
Response: 58358
Conc: 28.29 ng/ml

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



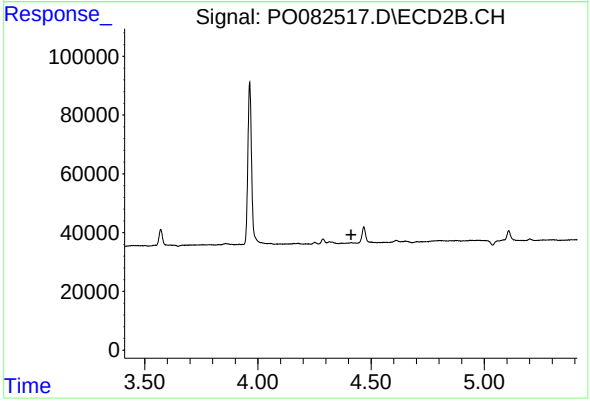

#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.412 min
Response: 0
Conc: N.D.



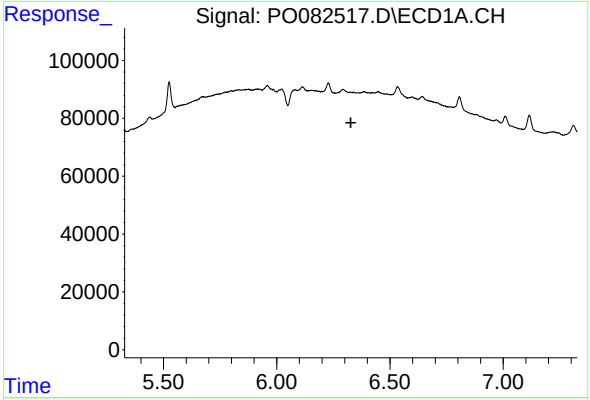

#11 AR-1232-1

R.T.: 5.440 min
Delta R.T.: 0.028 min
Response: 58358
Conc: 33.69 ng/ml




#11 AR-1232-1

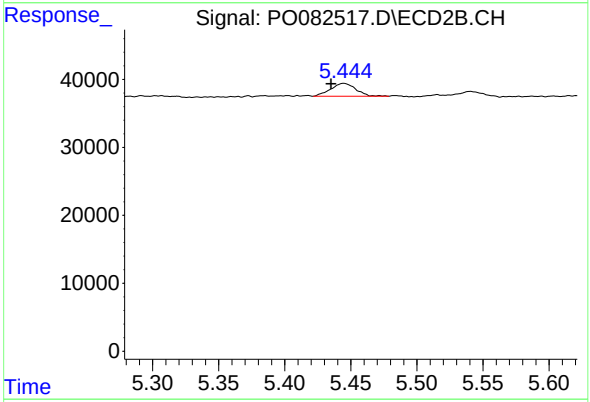
R.T.: 0.000 min
Exp R.T. : 4.411 min
Response: 0
Conc: N.D.




#13 AR-1232-3

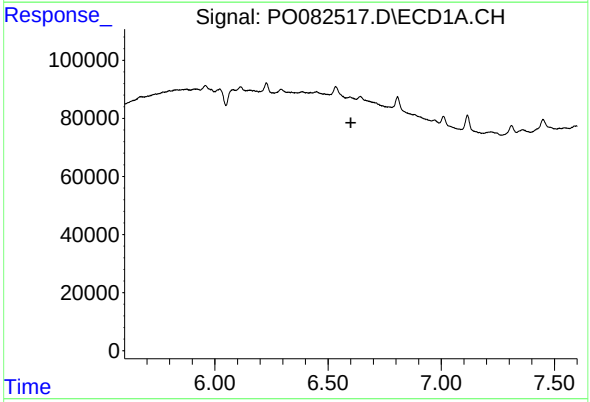
R.T.: 0.000 min
Exp R.T. : 6.327 min
Response: 0
Conc: N.D.

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



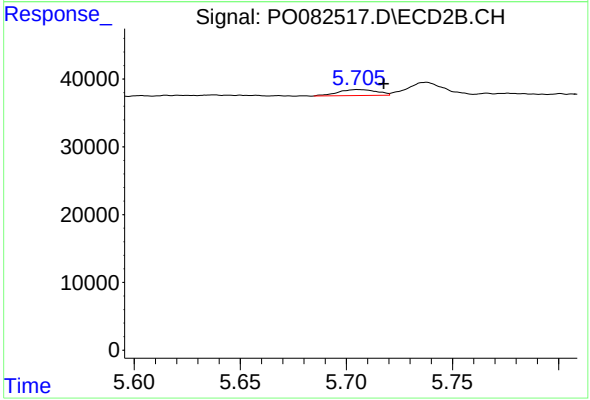

#13 AR-1232-3

R.T.: 5.445 min
Delta R.T.: 0.010 min
Response: 25216
Conc: 63.59 ng/ml



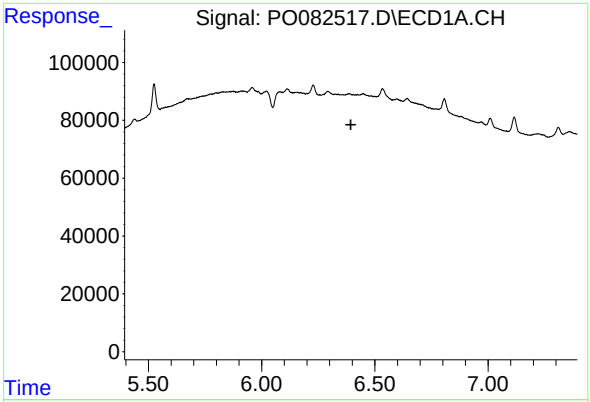

#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.601 min
Response: 0
Conc: N.D.




#15 AR-1232-5

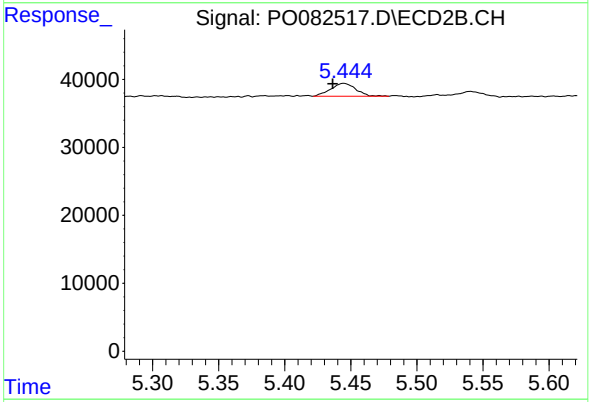
R.T.: 5.705 min
Delta R.T.: -0.012 min
Response: 11327
Conc: 30.21 ng/ml




#18 AR-1242-3

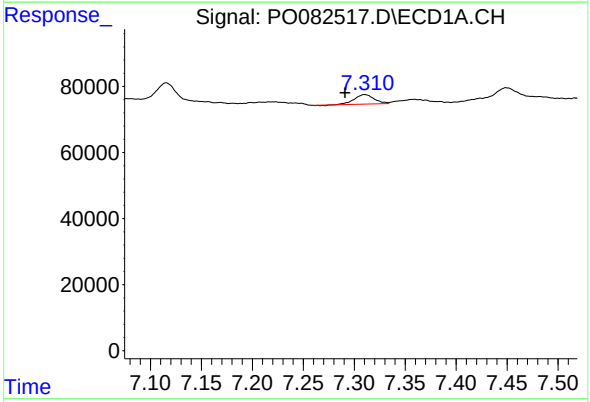
R.T.: 0.000 min
Exp R.T. : 6.394 min
Response: 0
Conc: N.D.

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



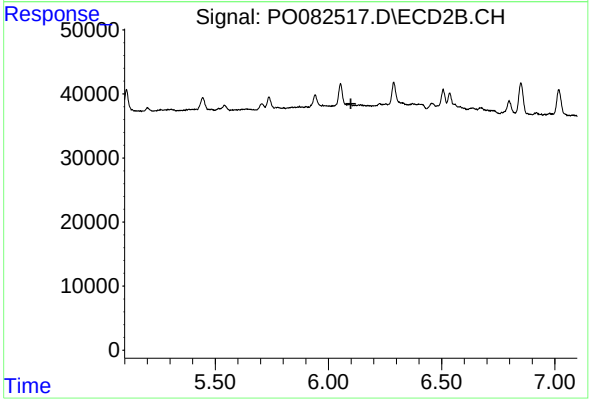

#18 AR-1242-3

R.T.: 5.445 min
Delta R.T.: 0.008 min
Response: 25216
Conc: 34.59 ng/ml



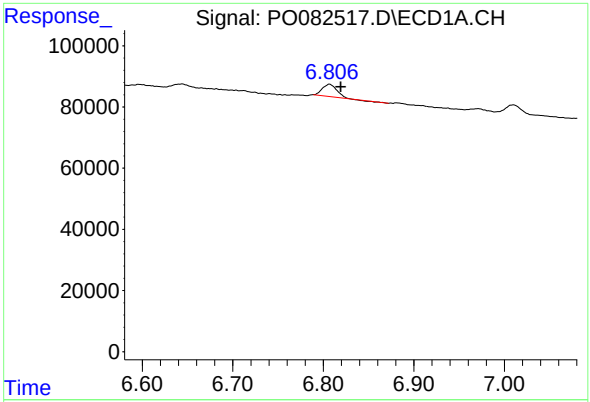

#20 AR-1242-5

R.T.: 7.310 min
Delta R.T.: 0.019 min
Response: 39362
Conc: 26.31 ng/ml




#20 AR-1242-5

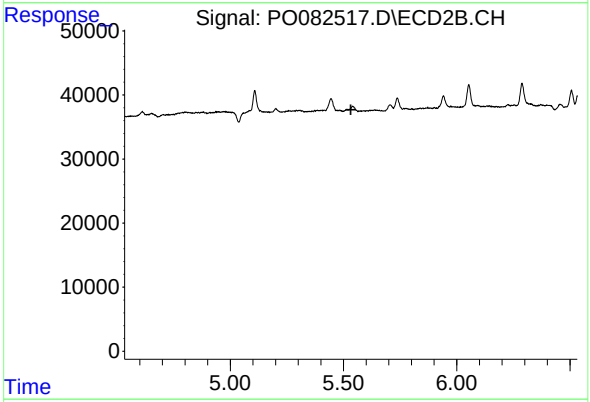
R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.




#23 AR-1248-3

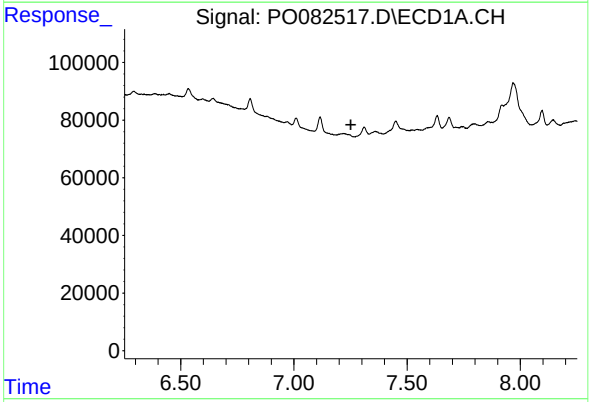
R.T.: 6.807 min
Delta R.T.: -0.012 min
Response: 43508
Conc: 17.93 ng/ml

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



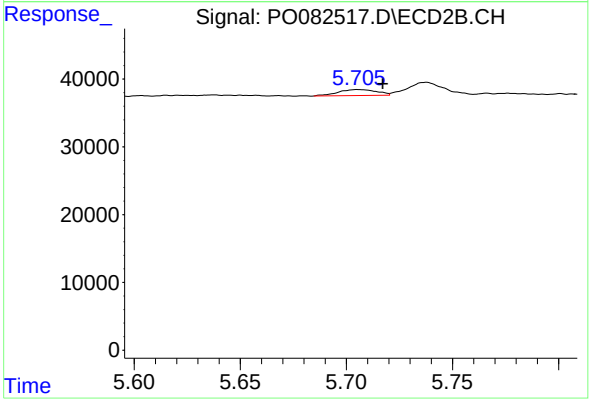

#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



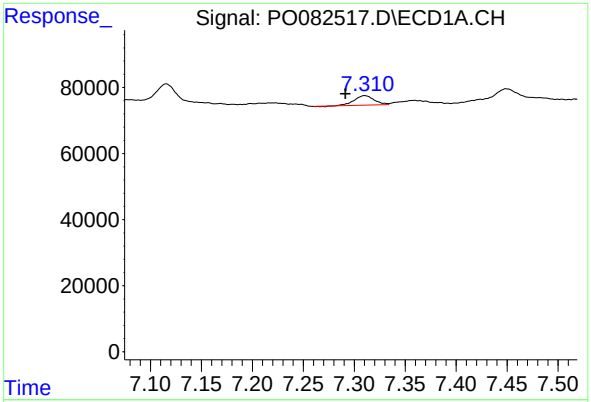

#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 7.251 min
Response: 0
Conc: N.D.




#24 AR-1248-4

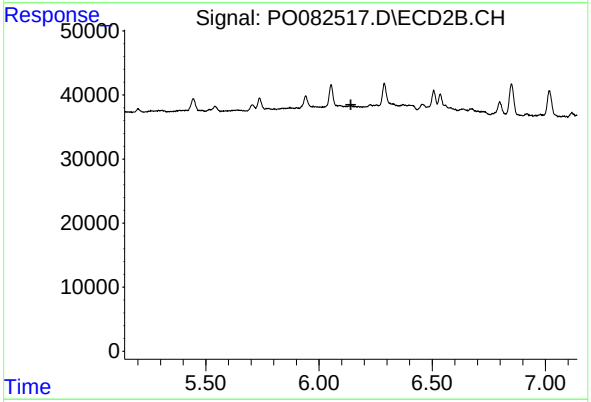
R.T.: 5.705 min
Delta R.T.: -0.012 min
Response: 11327
Conc: 9.24 ng/ml




#25 AR-1248-5

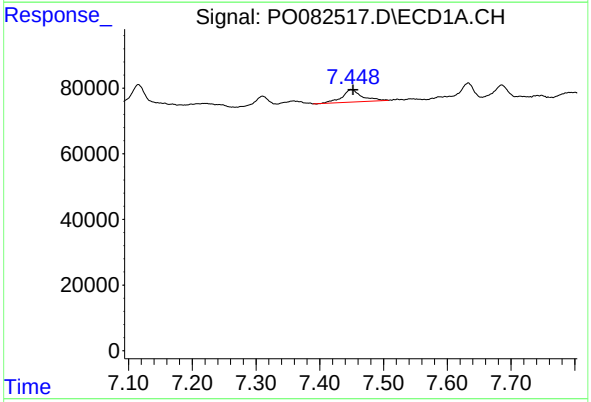
R.T.: 7.310 min
Delta R.T.: 0.019 min
Response: 39362
Conc: 15.61 ng/ml

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



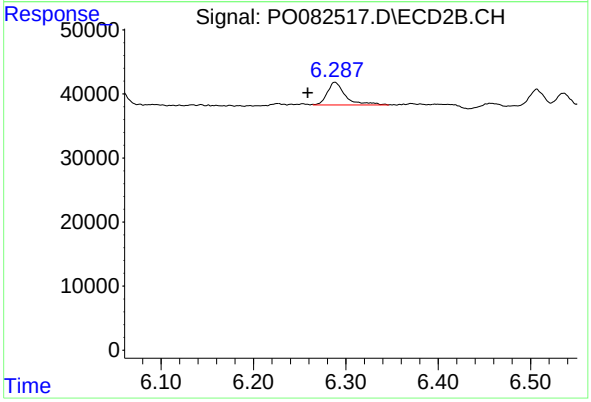

#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.141 min
Response: 0
Conc: N.D.



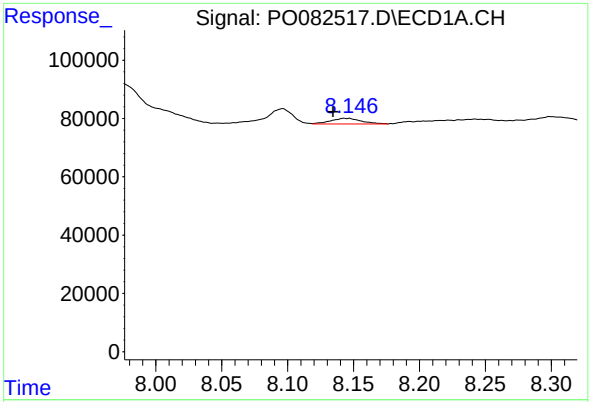

#27 AR-1254-2

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 82858
Conc: 19.89 ng/ml




#27 AR-1254-2

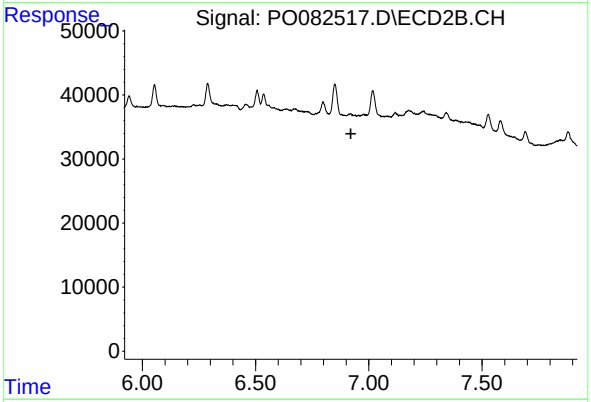
R.T.: 6.288 min
Delta R.T.: 0.029 min
Response: 48144
Conc: 28.13 ng/ml




#29 AR-1254-4

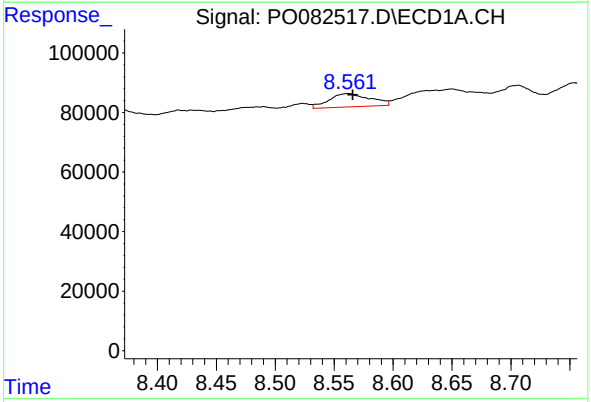
R.T.: 8.147 min
Delta R.T.: 0.013 min
Response: 30559
Conc: 9.96 ng/ml

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



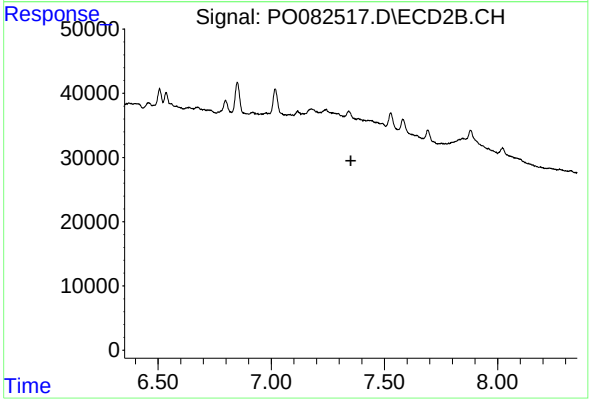

#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.921 min
Response: 0
Conc: N.D.



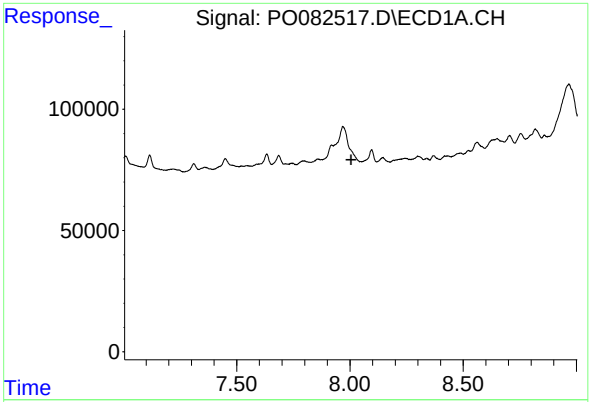

#30 AR-1254-5

R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 108125
Conc: 33.62 ng/ml




#30 AR-1254-5

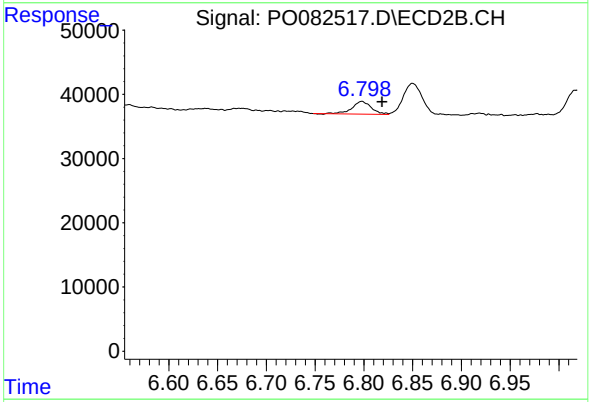
R.T.: 0.000 min
Exp R.T. : 7.351 min
Response: 0
Conc: N.D.




#31 AR-1260-1

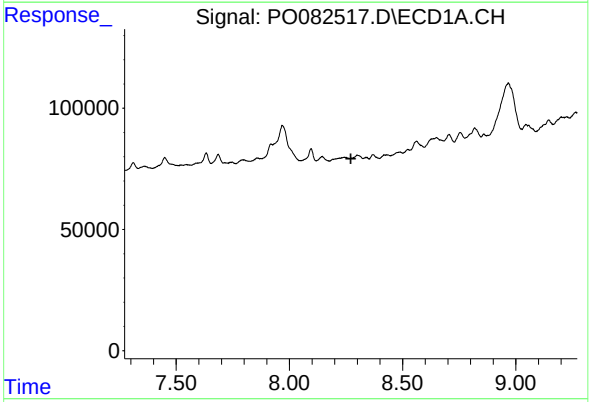
R.T.: 0.000 min
Exp R.T. : 8.005 min
Response: 0
Conc: N.D.

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



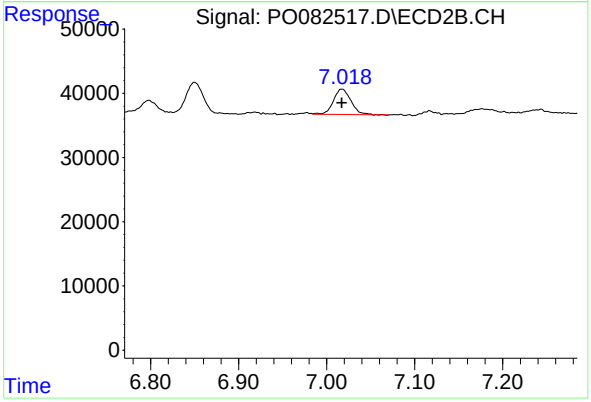

#31 AR-1260-1

R.T.: 6.798 min
Delta R.T.: -0.021 min
Response: 27286
Conc: 15.04 ng/ml



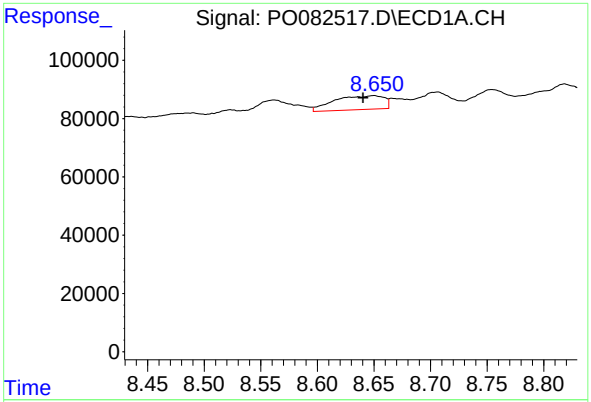

#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 8.272 min
Response: 0
Conc: N.D.




#32 AR-1260-2

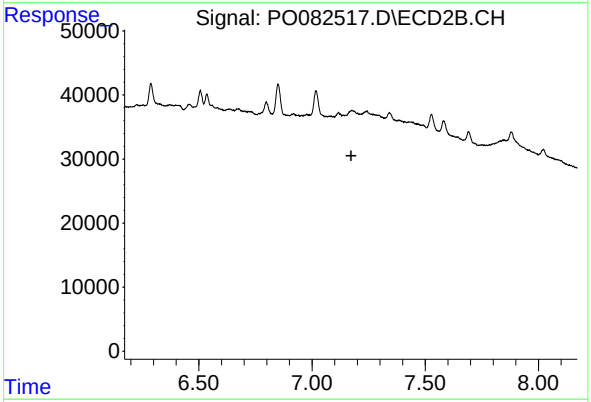
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 54125
Conc: 22.62 ng/ml




#33 AR-1260-3

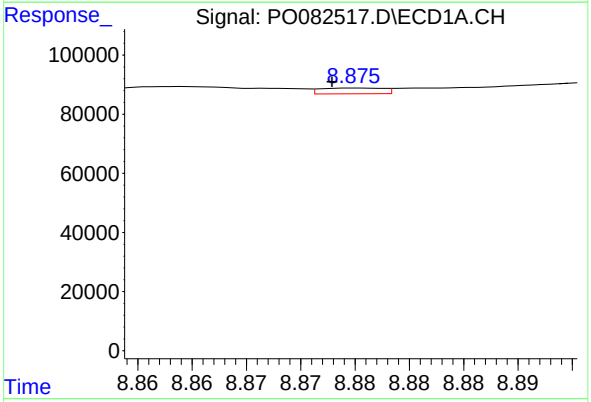
R.T.: 8.650 min
Delta R.T.: 0.010 min
Response: 146685
Conc: 51.79 ng/ml

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



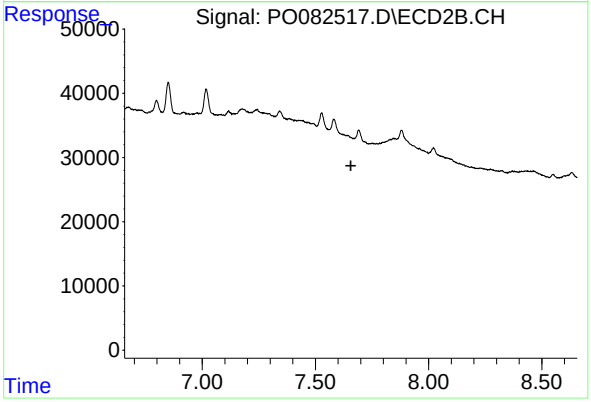

#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.172 min
Response: 0
Conc: N.D.



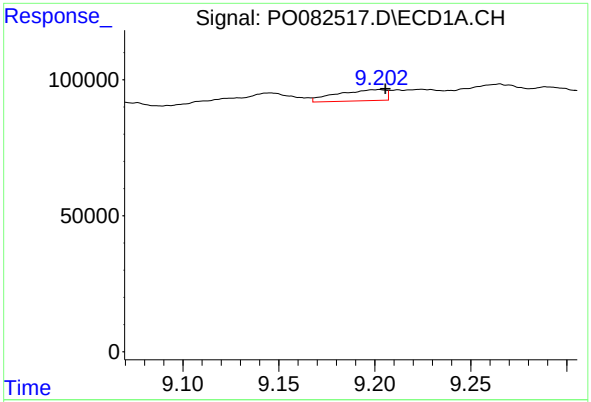

#34 AR-1260-4

R.T.: 8.875 min
Delta R.T.: 0.002 min
Response: 7854
Conc: 2.36 ng/ml




#34 AR-1260-4

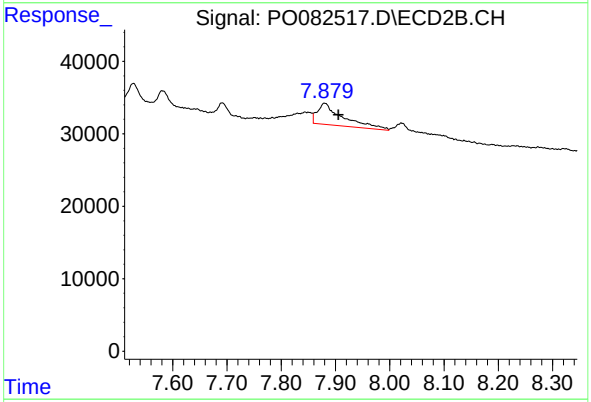
R.T.: 0.000 min
Exp R.T. : 7.657 min
Response: 0
Conc: N.D.




#35 AR-1260-5

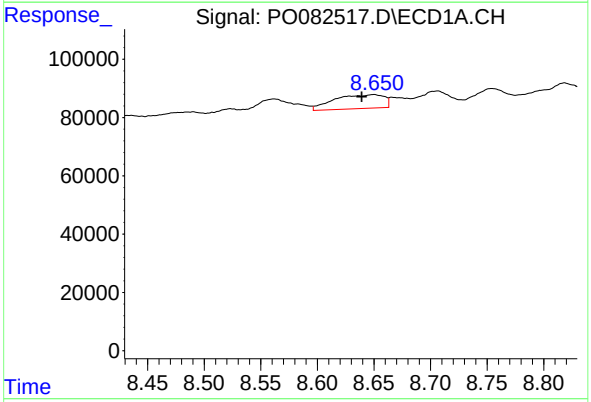
R.T.: 9.203 min
Delta R.T.: -0.003 min
Response: 72396
Conc: 11.54 ng/ml

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



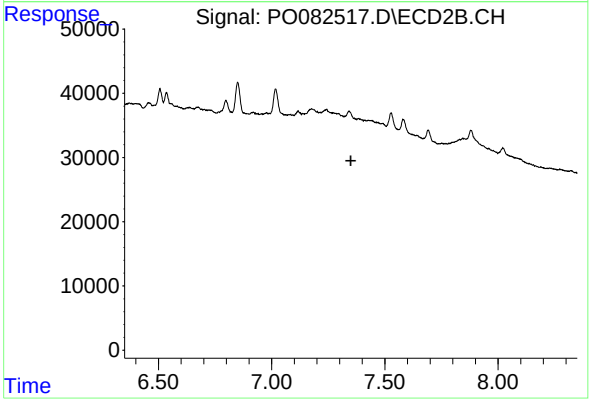

#35 AR-1260-5

R.T.: 7.880 min
Delta R.T.: -0.026 min
Response: 96242
Conc: 23.11 ng/ml



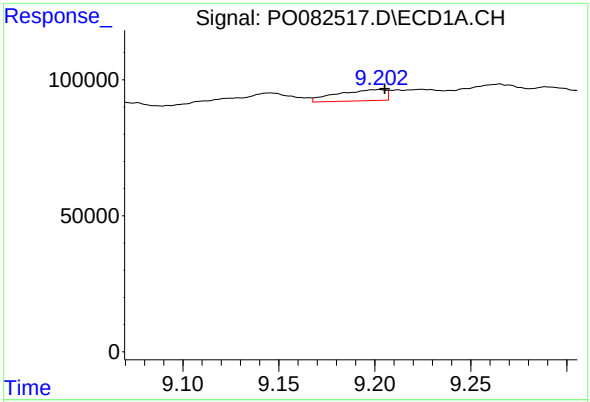

#36 AR-1262-1

R.T.: 8.650 min
Delta R.T.: 0.011 min
Response: 146685
Conc: 39.53 ng/ml




#36 AR-1262-1

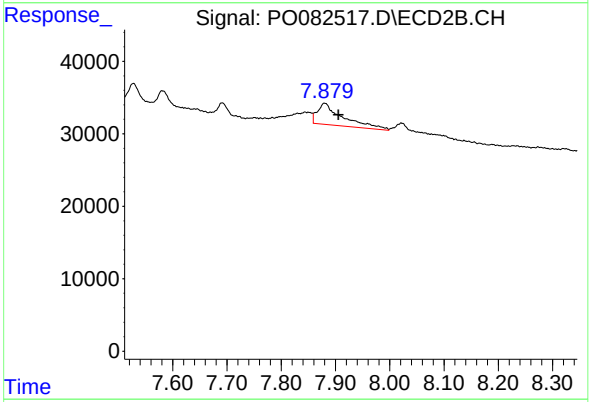
R.T.: 0.000 min
Exp R.T. : 7.350 min
Response: 0
Conc: N.D.




#37 AR-1262-2

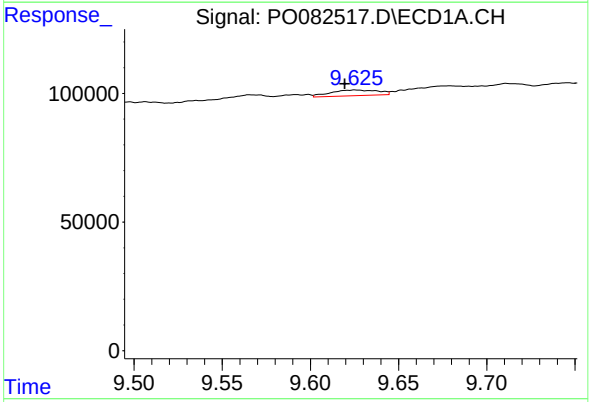
R.T.: 9.203 min
Delta R.T.: -0.003 min
Response: 72396
Conc: 11.33 ng/ml

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



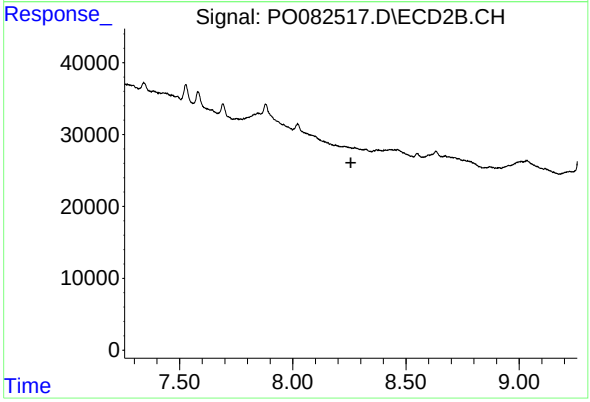

#37 AR-1262-2

R.T.: 7.880 min
Delta R.T.: -0.026 min
Response: 96242
Conc: 23.58 ng/ml



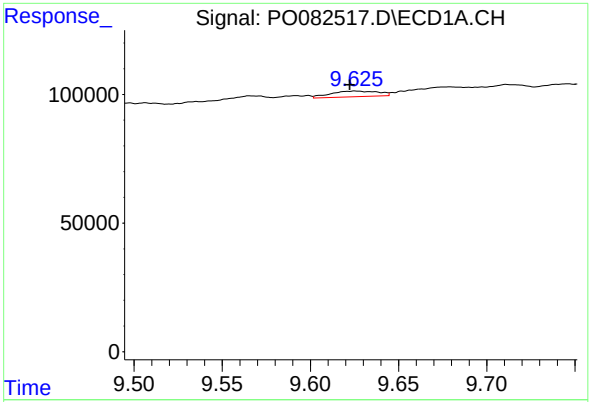

#39 AR-1262-4

R.T.: 9.625 min
Delta R.T.: 0.006 min
Response: 41759
Conc: 24.74 ng/ml




#39 AR-1262-4

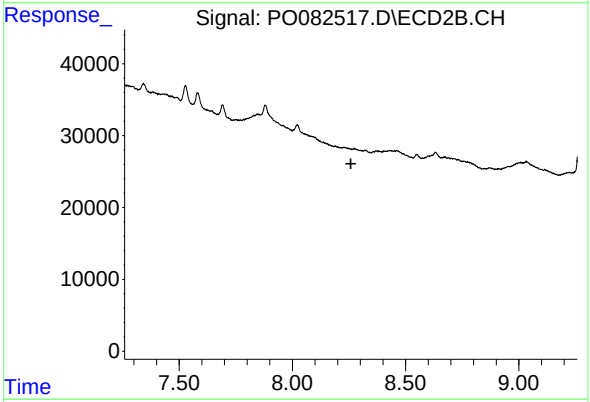
R.T.: 0.000 min
Exp R.T. : 8.257 min
Response: 0
Conc: N.D.




#42 AR-1268-2

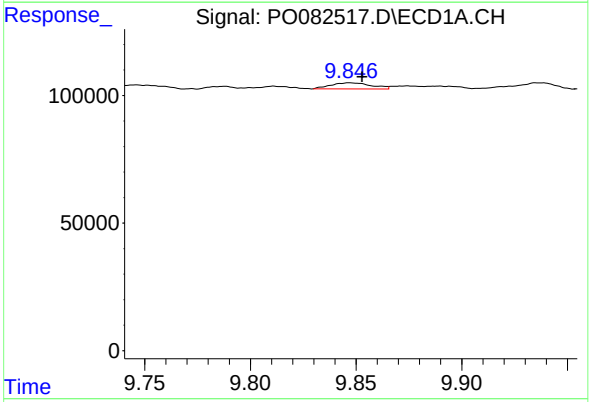
R.T.: 9.625 min
Delta R.T.: 0.003 min
Response: 41759
Conc: 5.52 ng/ml

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



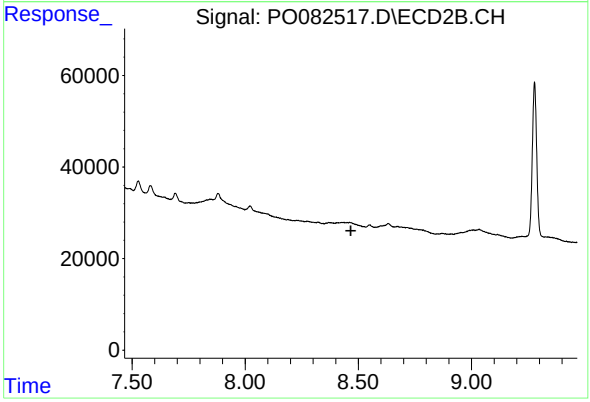

#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.258 min
Response: 0
Conc: N.D.



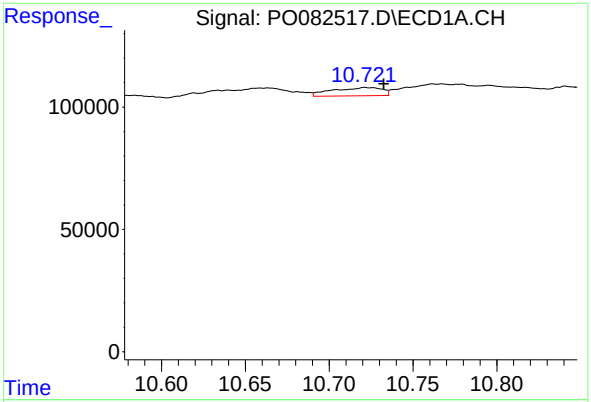

#43 AR-1268-3

R.T.: 9.847 min
Delta R.T.: -0.006 min
Response: 32032
Conc: 4.88 ng/ml




#43 AR-1268-3

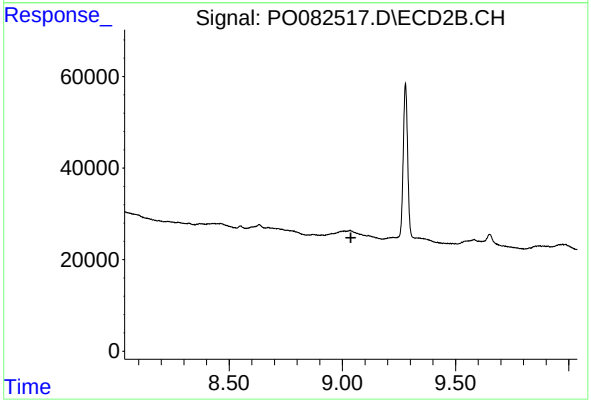
R.T.: 0.000 min
Exp R.T. : 8.467 min
Response: 0
Conc: N.D.




#45 AR-1268-5

R.T.: 10.721 min
Delta R.T.: -0.011 min
Response: 69490
Conc: 3.14 ng/ml

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




#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.038 min
Response: 0
Conc: N.D.