

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0101619\  
 Data File : P0062036.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Oct 2019 10:25  
 Operator : HP/AJ  
 Sample : K5111-07  
 Misc : AR1660-LOD-25PPB-WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 11:15:37 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0101119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 12 06:25:38 2019  
 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... | 4.323 | 3.483 | 1061878 | 742126 | 17.169 | 17.306   |
| 2)                          | SA Decachlor... | 9.951 | 8.336 | 996298  | 508493 | 17.806 | 17.330   |
| Target Compounds            |                 |       |       |         |        |        |          |
| 3)                          | L1 AR-1016-1    | 5.484 | 4.527 | 61266   | 41678  | 25.887 | 26.646   |
| 4)                          | L1 AR-1016-2    | 5.507 | 4.544 | 90466   | 64416  | 26.559 | 27.695   |
| 5)                          | L1 AR-1016-3    | 5.566 | 4.714 | 56030   | 28039  | 27.075 | 22.684   |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.714 | 0       | 28039  | N.D.   | 28.532 # |
| 7)                          | L1 AR-1016-5    | 5.957 | 4.961 | 33683   | 33764  | 18.941 | 26.183 # |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.544 | 0       | 64416  | N.D.   | 37.311 # |
| 13)                         | L3 AR-1232-3    | 5.507 | 4.714 | 90466   | 28039  | 35.363 | 30.676   |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.961 | 0       | 33764  | N.D.   | 38.231 # |
| 16)                         | L4 AR-1242-1    | 5.484 | 4.527 | 61266   | 41678  | 33.063 | 34.655   |
| 17)                         | L4 AR-1242-2    | 5.507 | 4.544 | 90466   | 64416  | 34.103 | 36.163   |
| 18)                         | L4 AR-1242-3    | 5.566 | 4.714 | 56030   | 28039  | 34.308 | 29.451   |
| 20)                         | L4 AR-1242-5    | 6.331 | 0.000 | 22670   | 0      | 14.832 | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.484 | 4.527 | 61266   | 41678  | 42.747 | 42.453   |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.714 | 0       | 28039  | N.D.   | 22.132 # |
| 23)                         | L5 AR-1248-3    | 5.957 | 0.000 | 33683   | 0      | 15.251 | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.331 | 4.961 | 22670   | 33764  | 8.874  | 21.338 # |
| 25)                         | L5 AR-1248-5    | 6.331 | 0.000 | 22670   | 0      | 9.271  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.331 | 0.000 | 22670   | 0      | 8.504  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.614 | 6.473 | 73535   | 63527  | 23.464 | 24.052   |
| 31)                         | L7 AR-1260-1    | 7.076 | 5.967 | 71091   | 57171  | 24.969 | 26.907   |
| 32)                         | L7 AR-1260-2    | 7.332 | 6.152 | 81635   | 77245  | 23.796 | 30.440 # |
| 33)                         | L7 AR-1260-3    | 7.689 | 6.301 | 57288   | 57907  | 21.650 | 25.644   |
| 34)                         | L7 AR-1260-4    | 7.914 | 6.765 | 72071   | 44098  | 25.767 | 25.115   |
| 35)                         | L7 AR-1260-5    | 8.225 | 7.005 | 129691  | 91786  | 24.771 | 25.479   |
| 36)                         | L8 AR-1262-1    | 7.689 | 6.511 | 57288   | 49771  | 13.956 | 41.762 # |
| 37)                         | L8 AR-1262-2    | 8.225 | 7.005 | 129691  | 91786  | 20.113 | 21.844   |
| 38)                         | L8 AR-1262-3    | 8.540 | 7.345 | 77935   | 72373  | 17.723 | 41.149 # |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.345 | 0       | 72373  | N.D.   | 23.674 # |
| 41)                         | L9 AR-1268-1    | 8.540 | 7.345 | 77935   | 72373  | 10.295 | 15.455 # |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.345 | 0       | 72373  | N.D.   | 17.323 # |
| -----                       |                 |       |       |         |        |        |          |

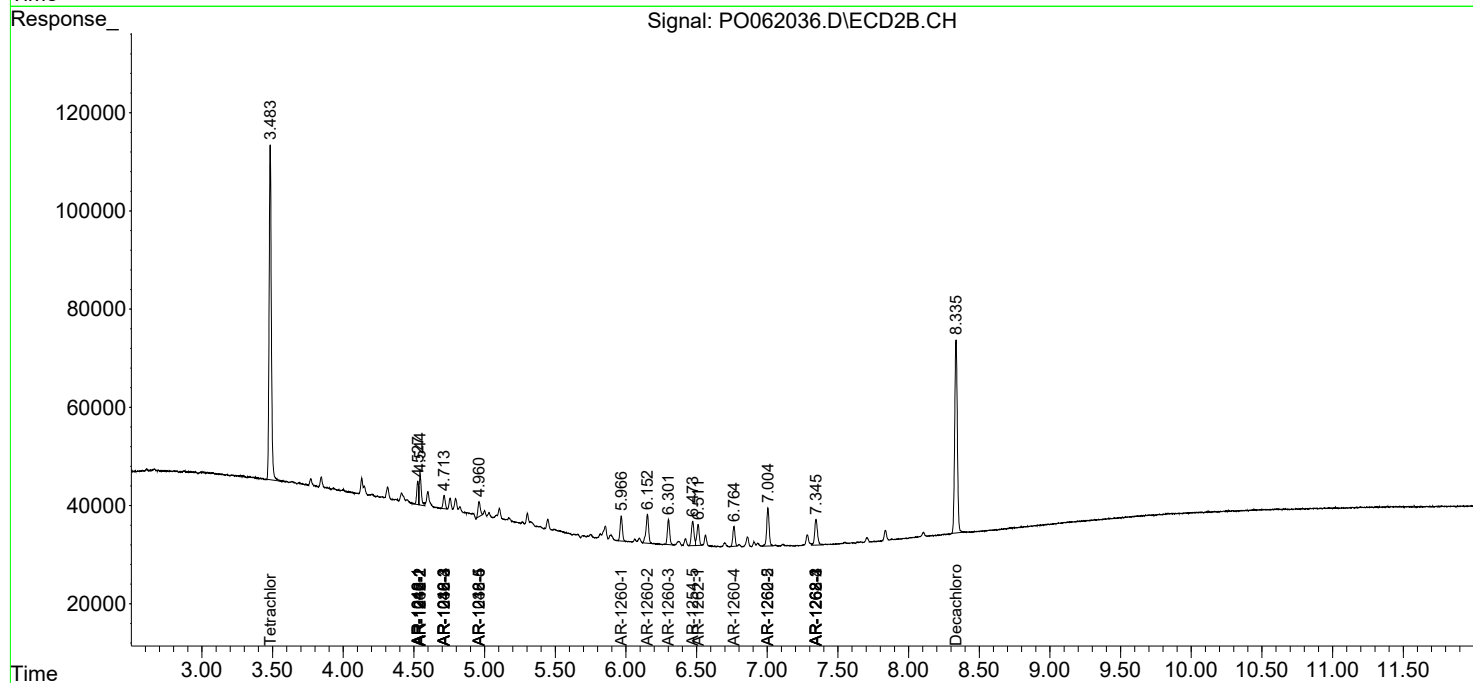
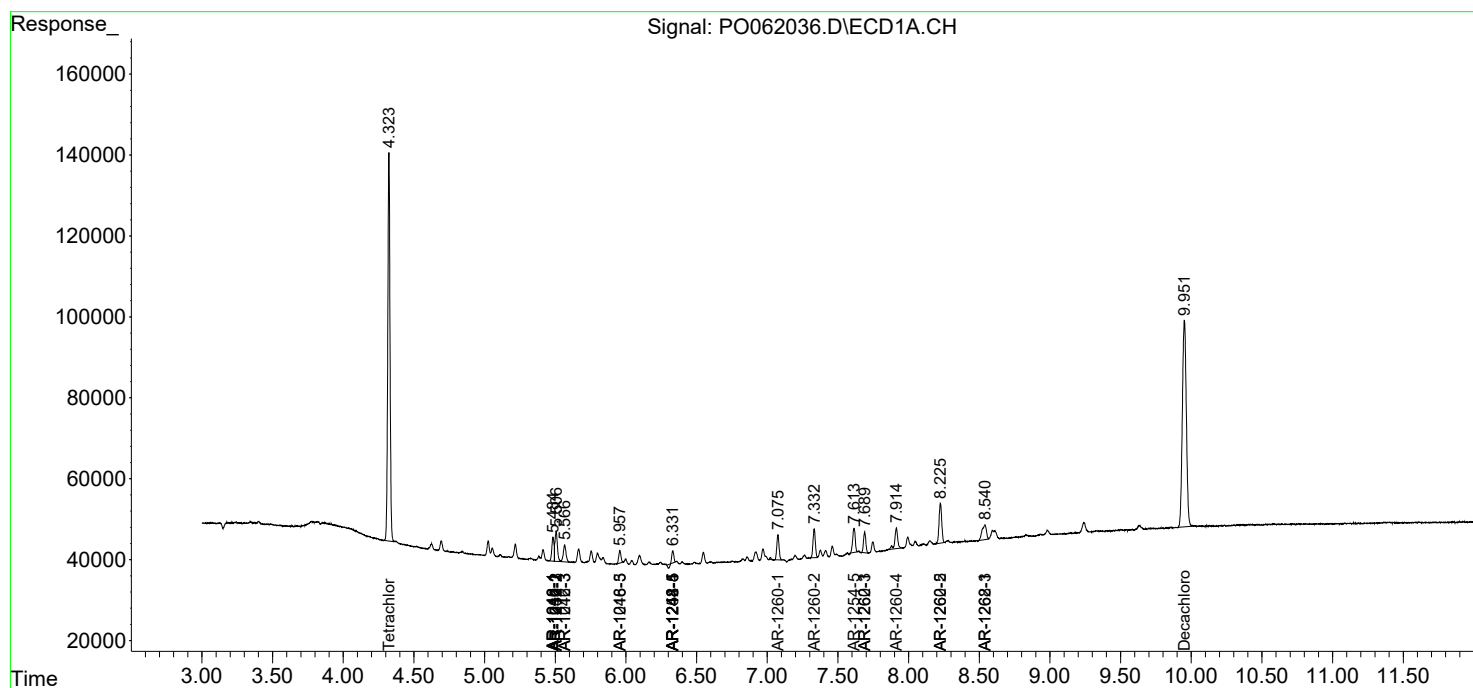
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

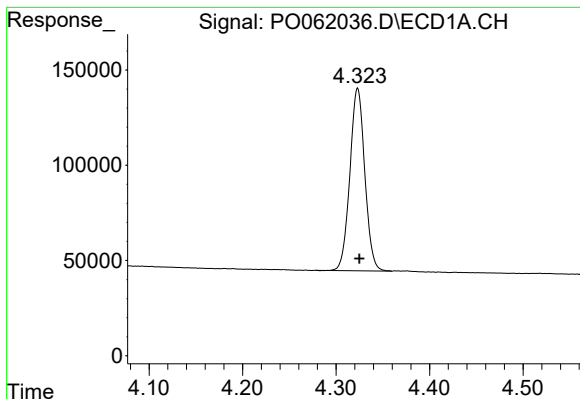
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101619\  
Data File : P0062036.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Oct 2019 10:25  
Operator : HP/AJ  
Sample : K5111-07  
Misc : AR1660-LOD-25PPB-WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 11:15:37 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 12 06:25:38 2019  
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

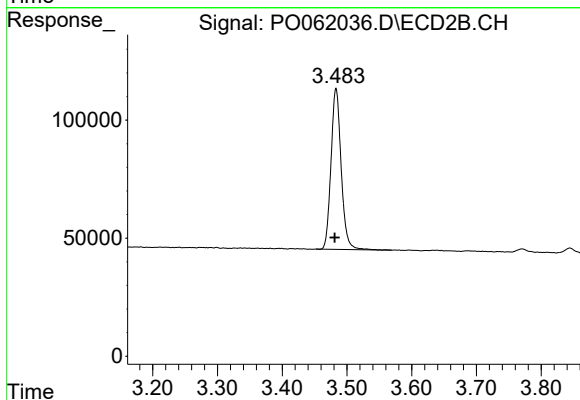




#1 Tetrachloro-m-xylene

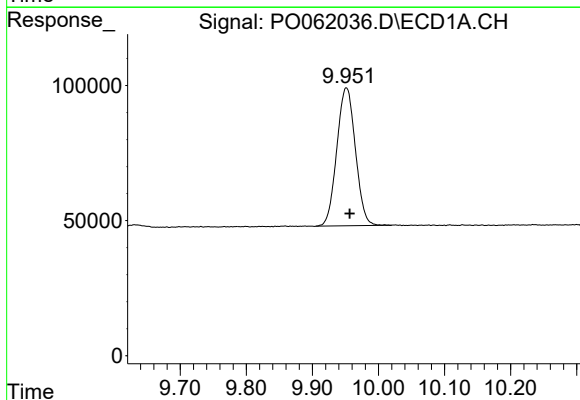
R.T.: 4.323 min  
Delta R.T.: -0.002 min  
Response: 1061878  
Conc: 17.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



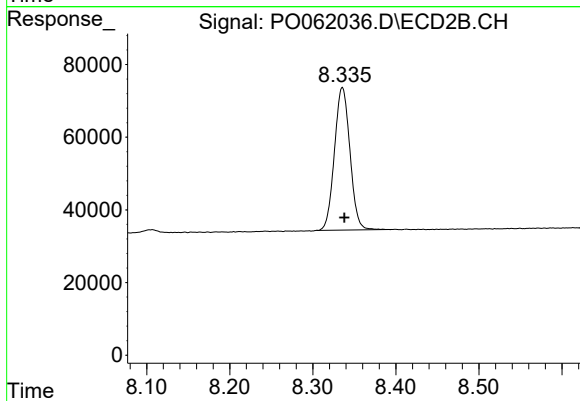
#1 Tetrachloro-m-xylene

R.T.: 3.483 min  
Delta R.T.: 0.002 min  
Response: 742126  
Conc: 17.31 ng/ml



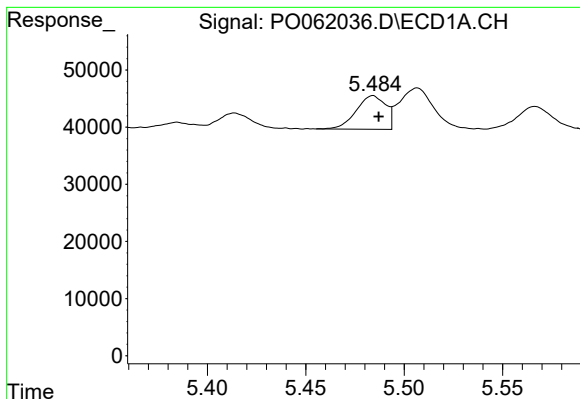
#2 Decachlorobiphenyl

R.T.: 9.951 min  
Delta R.T.: -0.005 min  
Response: 996298  
Conc: 17.81 ng/ml



#2 Decachlorobiphenyl

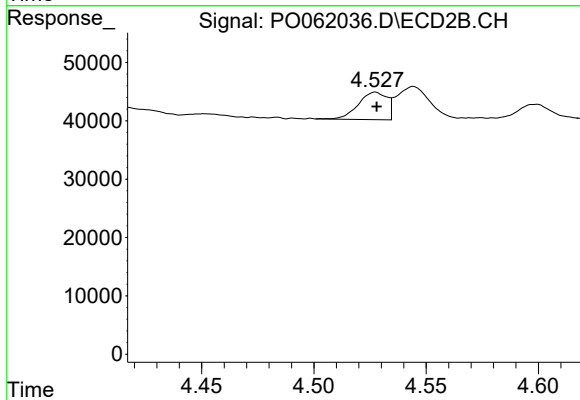
R.T.: 8.336 min  
Delta R.T.: -0.002 min  
Response: 508493  
Conc: 17.33 ng/ml



#3 AR-1016-1

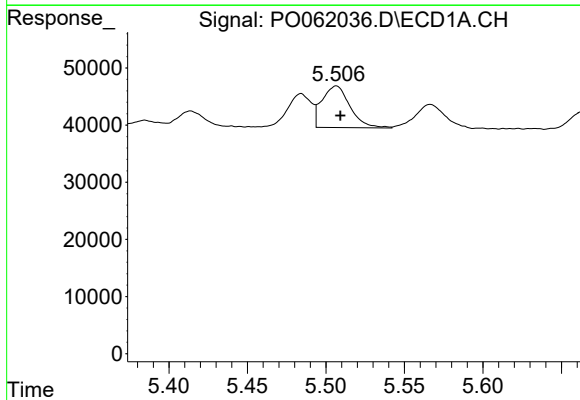
R.T.: 5.484 min  
Delta R.T.: -0.003 min  
Response: 61266  
Conc: 25.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



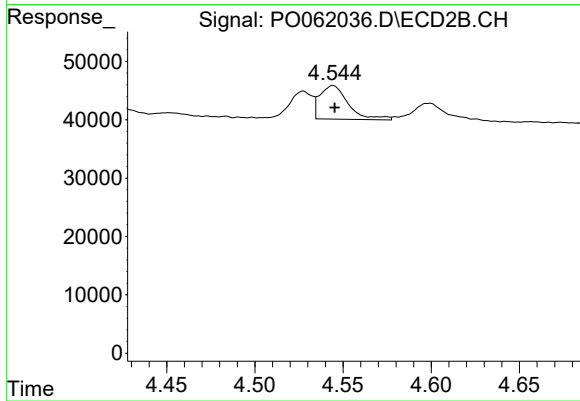
#3 AR-1016-1

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 41678  
Conc: 26.65 ng/ml



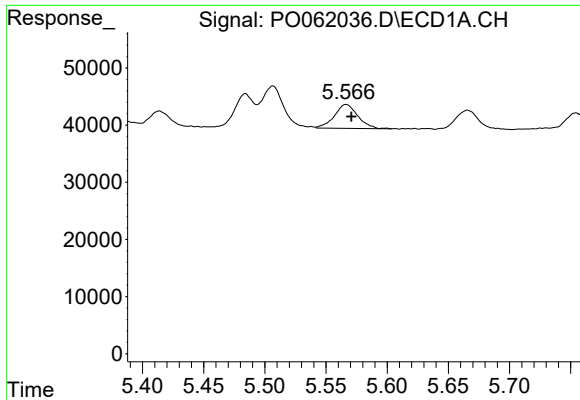
#4 AR-1016-2

R.T.: 5.507 min  
Delta R.T.: -0.002 min  
Response: 90466  
Conc: 26.56 ng/ml



#4 AR-1016-2

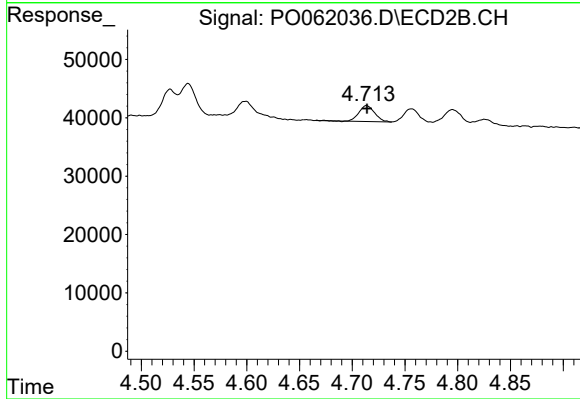
R.T.: 4.544 min  
Delta R.T.: -0.001 min  
Response: 64416  
Conc: 27.69 ng/ml



#5 AR-1016-3

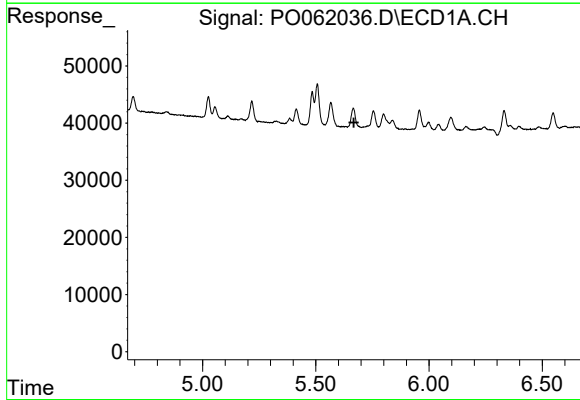
R.T.: 5.566 min  
Delta R.T.: -0.004 min  
Response: 56030  
Conc: 27.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



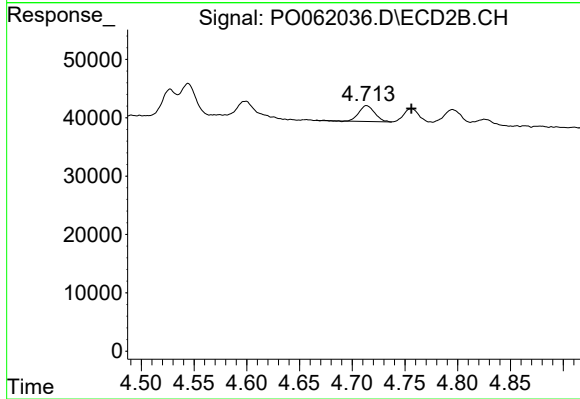
#5 AR-1016-3

R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 28039  
Conc: 22.68 ng/ml



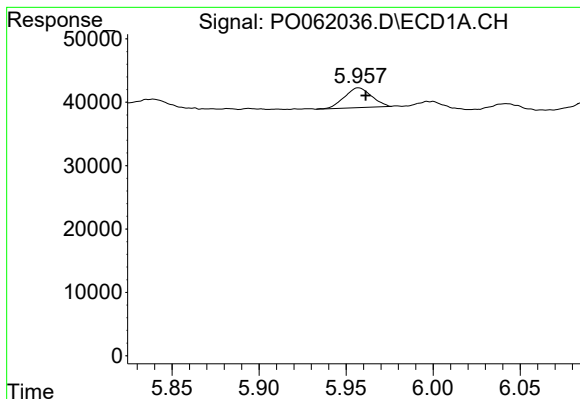
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.668 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

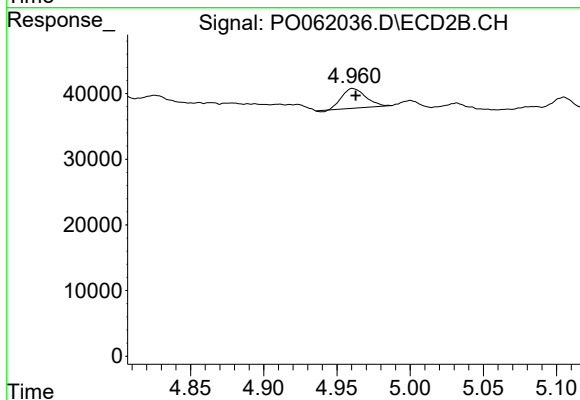
R.T.: 4.714 min  
Delta R.T.: -0.042 min  
Response: 28039  
Conc: 28.53 ng/ml



#7 AR-1016-5

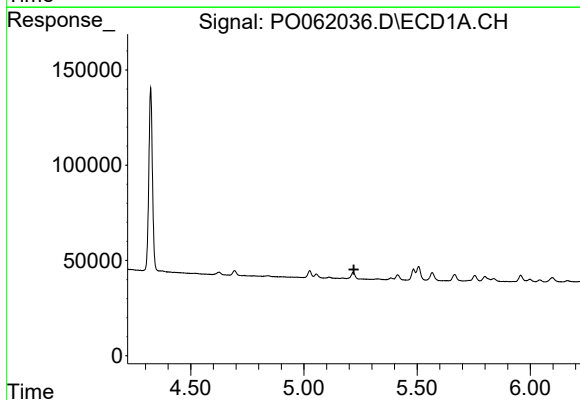
R.T.: 5.957 min  
Delta R.T.: -0.004 min  
Response: 33683  
Conc: 18.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



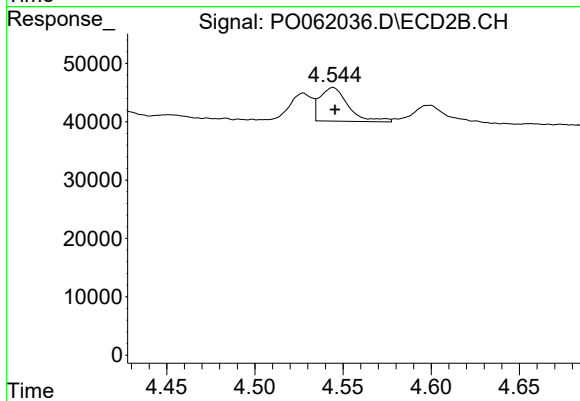
#7 AR-1016-5

R.T.: 4.961 min  
Delta R.T.: -0.002 min  
Response: 33764  
Conc: 26.18 ng/ml



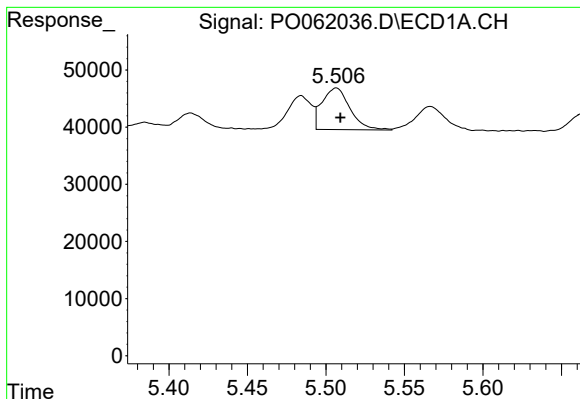
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.221 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

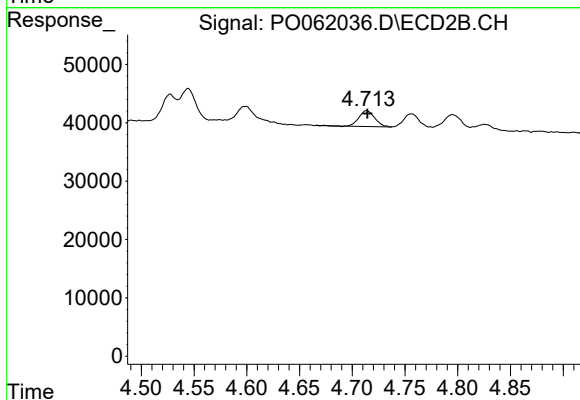
R.T.: 4.544 min  
Delta R.T.: -0.001 min  
Response: 64416  
Conc: 37.31 ng/ml



#13 AR-1232-3

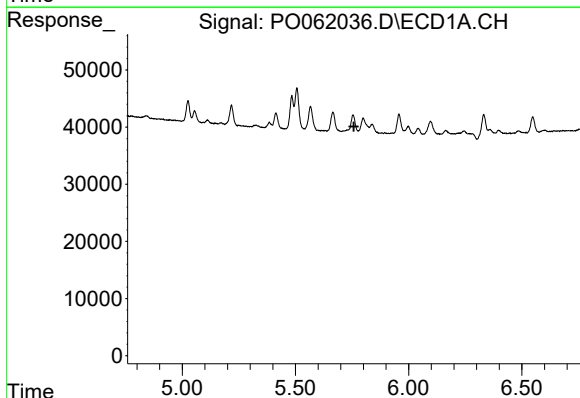
R.T.: 5.507 min  
Delta R.T.: -0.003 min  
Response: 90466  
Conc: 35.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



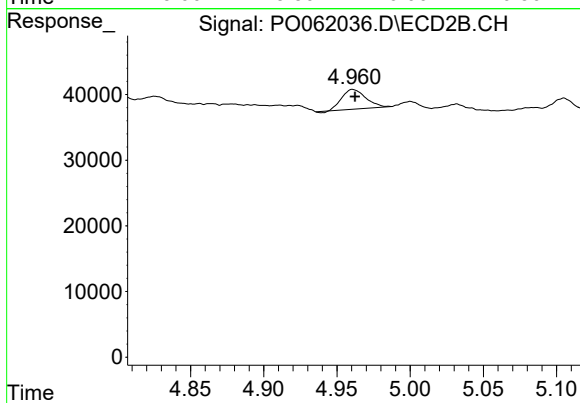
#13 AR-1232-3

R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 28039  
Conc: 30.68 ng/ml



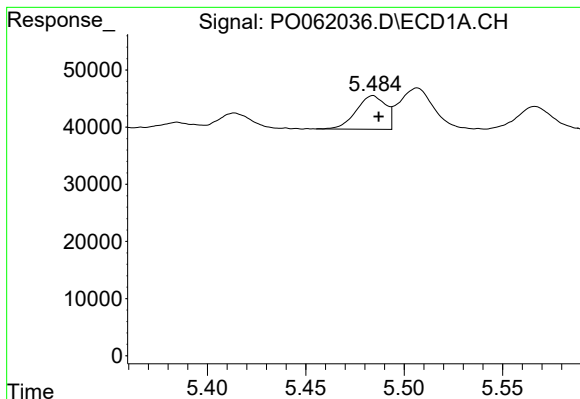
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.758 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

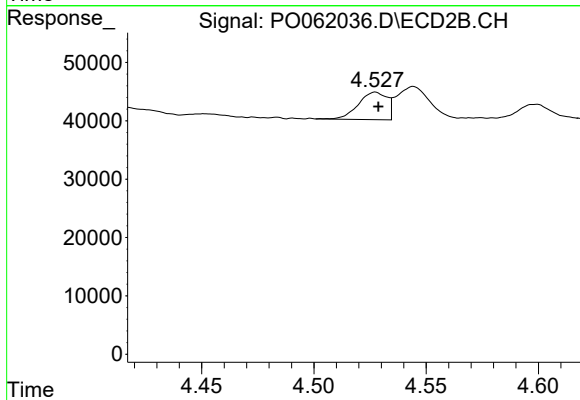
R.T.: 4.961 min  
Delta R.T.: -0.002 min  
Response: 33764  
Conc: 38.23 ng/ml



#16 AR-1242-1

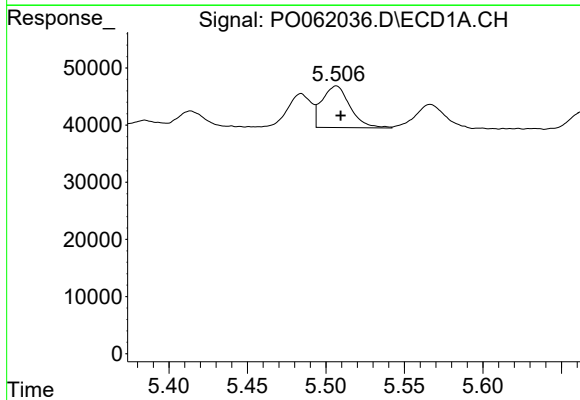
R.T.: 5.484 min  
Delta R.T.: -0.003 min  
Response: 61266  
Conc: 33.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



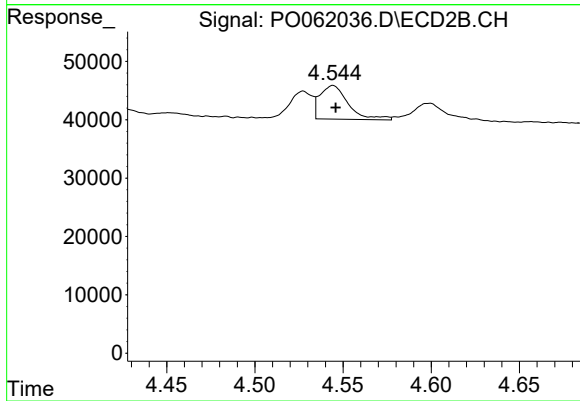
#16 AR-1242-1

R.T.: 4.527 min  
Delta R.T.: -0.001 min  
Response: 41678  
Conc: 34.66 ng/ml



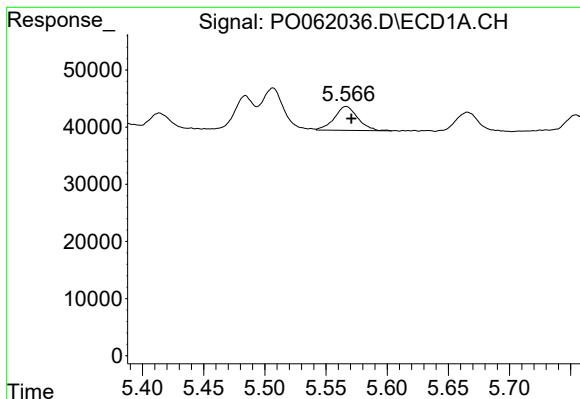
#17 AR-1242-2

R.T.: 5.507 min  
Delta R.T.: -0.003 min  
Response: 90466  
Conc: 34.10 ng/ml



#17 AR-1242-2

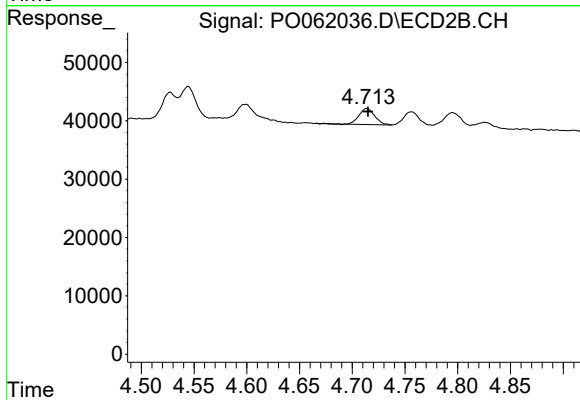
R.T.: 4.544 min  
Delta R.T.: -0.002 min  
Response: 64416  
Conc: 36.16 ng/ml



#18 AR-1242-3

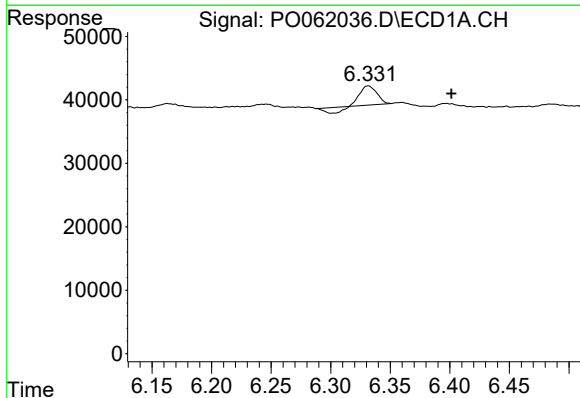
R.T.: 5.566 min  
Delta R.T.: -0.004 min  
Response: 56030  
Conc: 34.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



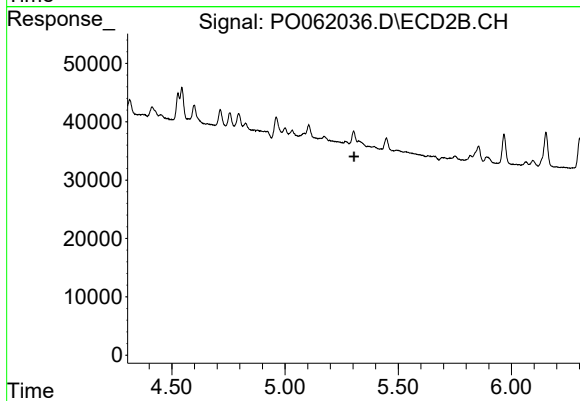
#18 AR-1242-3

R.T.: 4.714 min  
Delta R.T.: -0.001 min  
Response: 28039  
Conc: 29.45 ng/ml



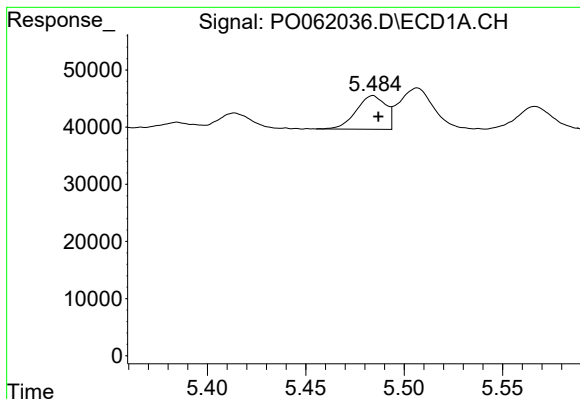
#20 AR-1242-5

R.T.: 6.331 min  
Delta R.T.: -0.070 min  
Response: 22670  
Conc: 14.83 ng/ml



#20 AR-1242-5

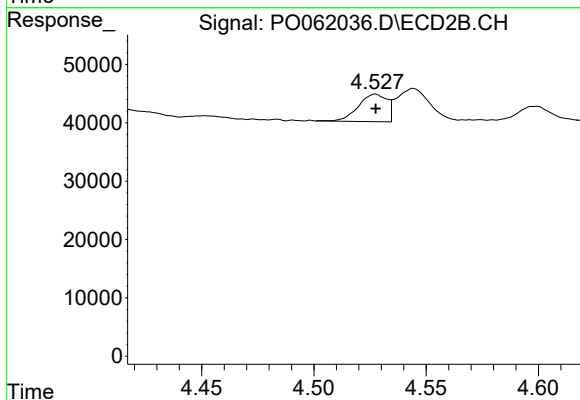
R.T.: 0.000 min  
Exp R.T.: 5.304 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

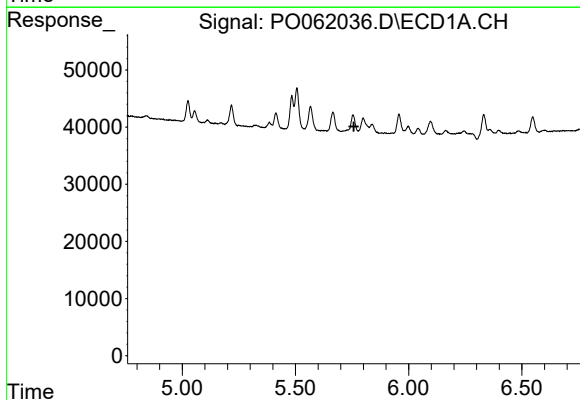
R.T.: 5.484 min  
Delta R.T.: -0.003 min  
Response: 61266  
Conc: 42.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



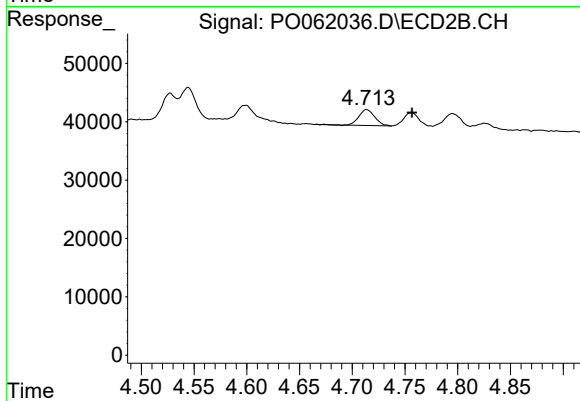
#21 AR-1248-1

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 41678  
Conc: 42.45 ng/ml



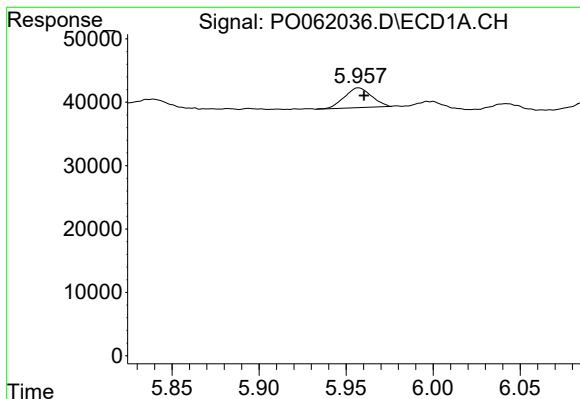
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.758 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

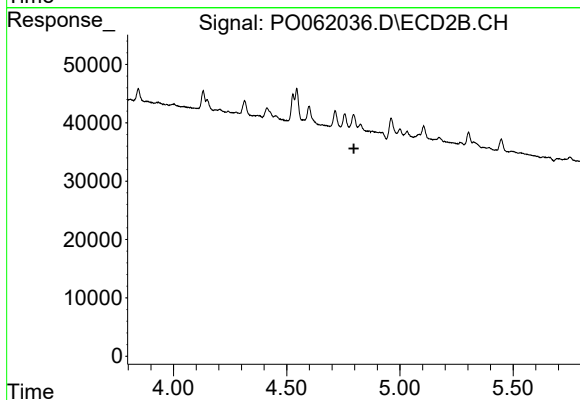
R.T.: 4.714 min  
Delta R.T.: -0.043 min  
Response: 28039  
Conc: 22.13 ng/ml



#23 AR-1248-3

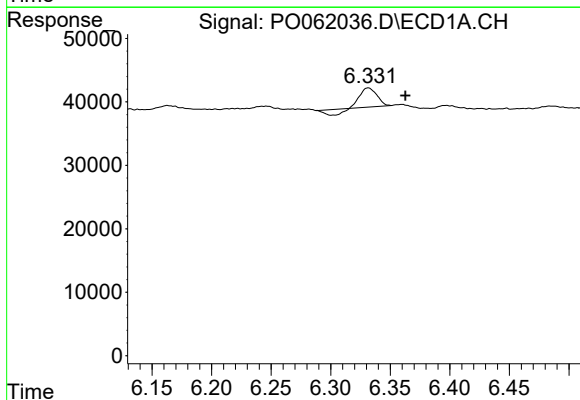
R.T.: 5.957 min  
Delta R.T.: -0.003 min  
Response: 33683  
Conc: 15.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



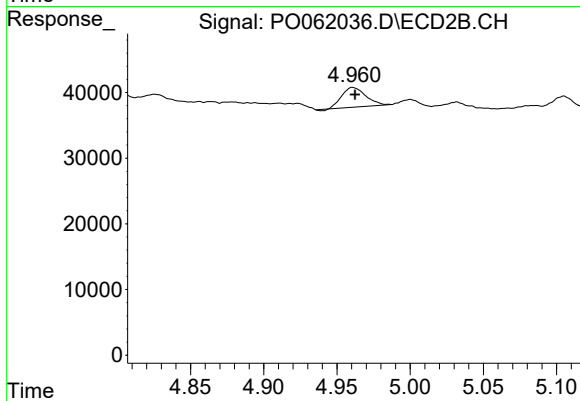
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.796 min  
Response: 0  
Conc: N.D.



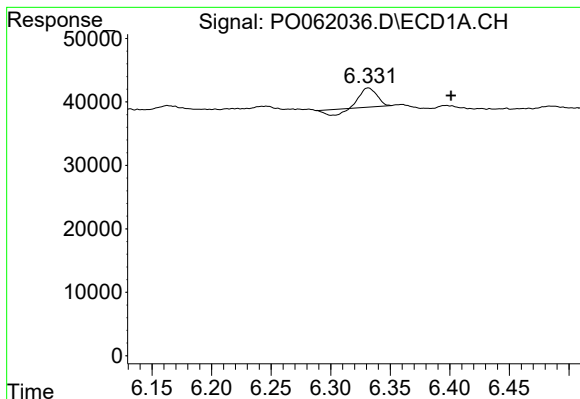
#24 AR-1248-4

R.T.: 6.331 min  
Delta R.T.: -0.031 min  
Response: 22670  
Conc: 8.87 ng/ml



#24 AR-1248-4

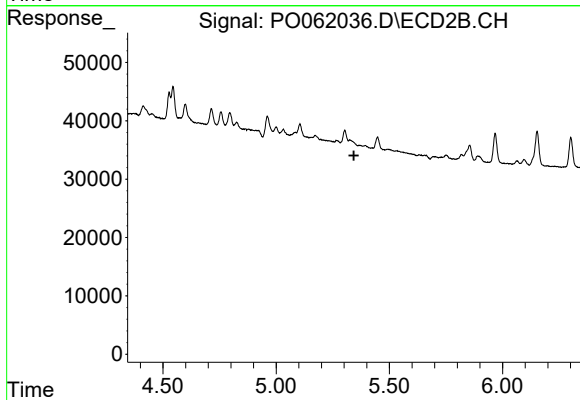
R.T.: 4.961 min  
Delta R.T.: -0.001 min  
Response: 33764  
Conc: 21.34 ng/ml



#25 AR-1248-5

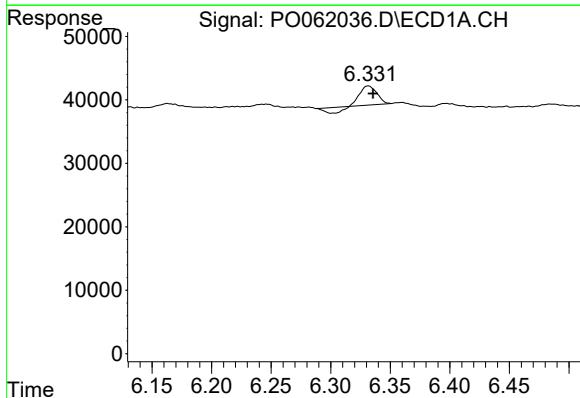
R.T.: 6.331 min  
Delta R.T.: -0.070 min  
Response: 22670  
Conc: 9.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



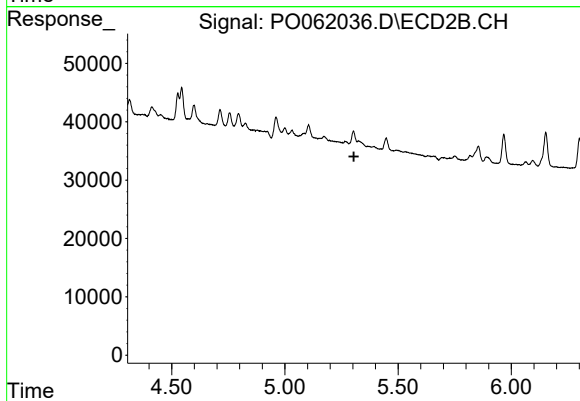
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.343 min  
Response: 0  
Conc: N.D.



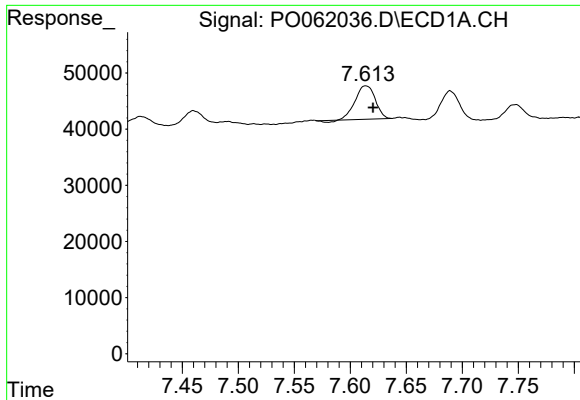
#26 AR-1254-1

R.T.: 6.331 min  
Delta R.T.: -0.004 min  
Response: 22670  
Conc: 8.50 ng/ml



#26 AR-1254-1

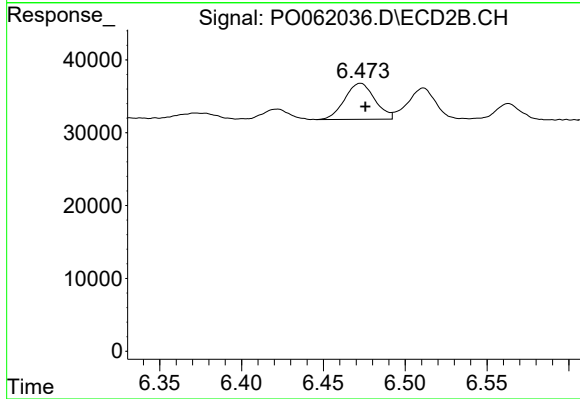
R.T.: 0.000 min  
Exp R.T. : 5.305 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

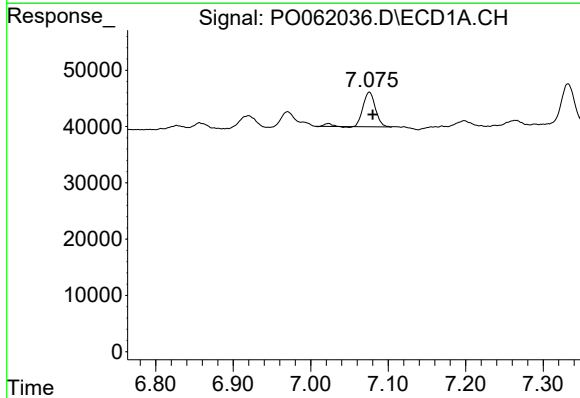
R.T.: 7.614 min  
Delta R.T.: -0.006 min  
Response: 73535  
Conc: 23.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



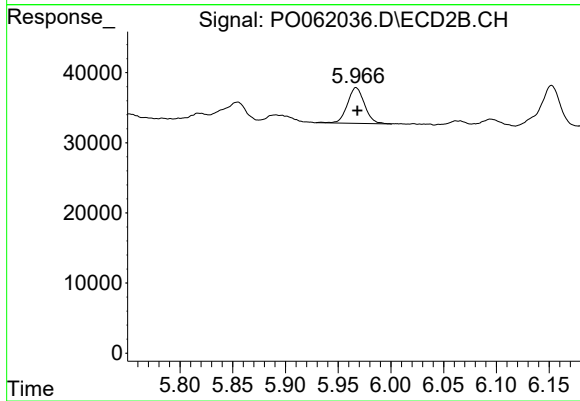
#30 AR-1254-5

R.T.: 6.473 min  
Delta R.T.: -0.003 min  
Response: 63527  
Conc: 24.05 ng/ml



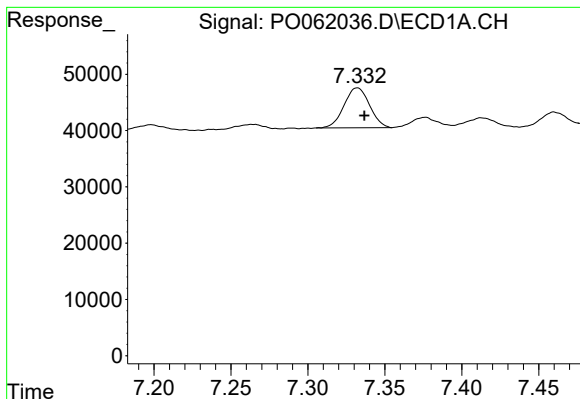
#31 AR-1260-1

R.T.: 7.076 min  
Delta R.T.: -0.004 min  
Response: 71091  
Conc: 24.97 ng/ml



#31 AR-1260-1

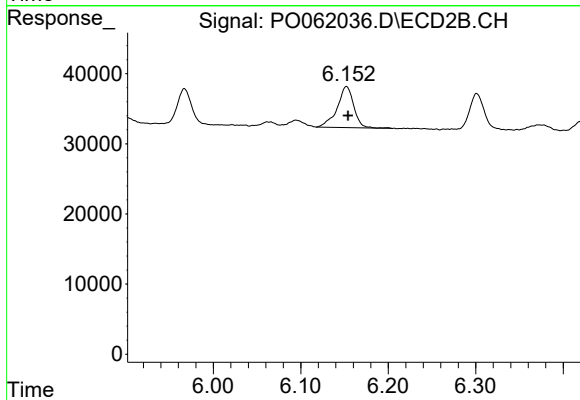
R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 57171  
Conc: 26.91 ng/ml



#32 AR-1260-2

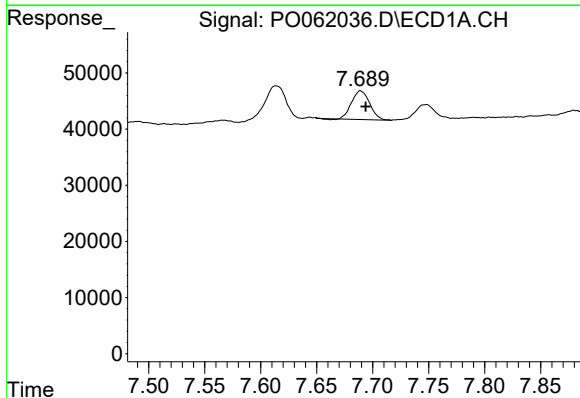
R.T.: 7.332 min  
Delta R.T.: -0.005 min  
Response: 81635  
Conc: 23.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



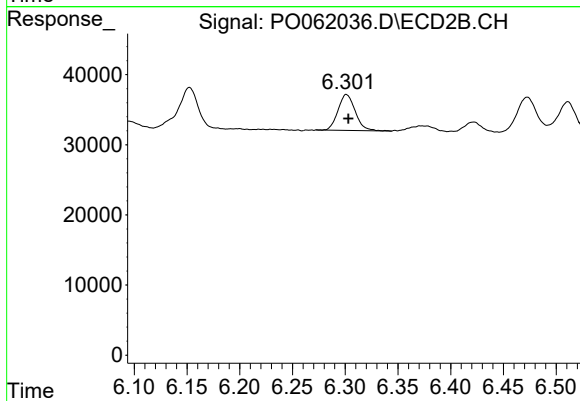
#32 AR-1260-2

R.T.: 6.152 min  
Delta R.T.: -0.002 min  
Response: 77245  
Conc: 30.44 ng/ml



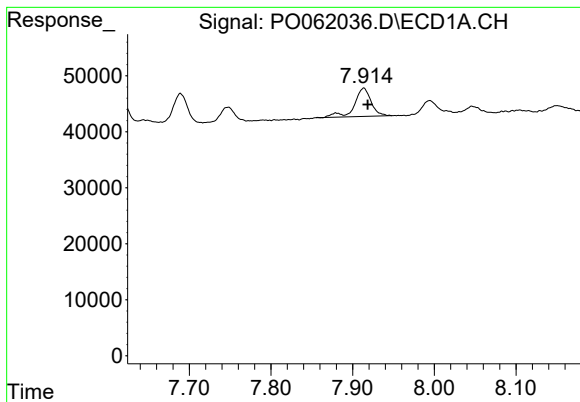
#33 AR-1260-3

R.T.: 7.689 min  
Delta R.T.: -0.005 min  
Response: 57288  
Conc: 21.65 ng/ml



#33 AR-1260-3

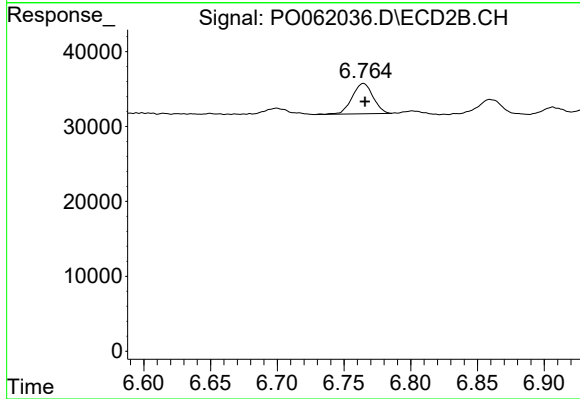
R.T.: 6.301 min  
Delta R.T.: -0.002 min  
Response: 57907  
Conc: 25.64 ng/ml



#34 AR-1260-4

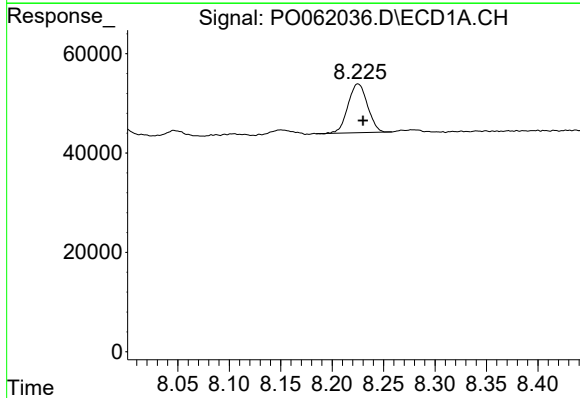
R.T.: 7.914 min  
Delta R.T.: -0.005 min  
Response: 72071  
Conc: 25.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



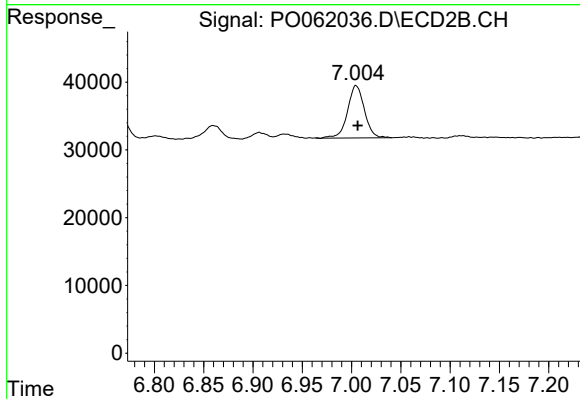
#34 AR-1260-4

R.T.: 6.765 min  
Delta R.T.: -0.001 min  
Response: 44098  
Conc: 25.11 ng/ml



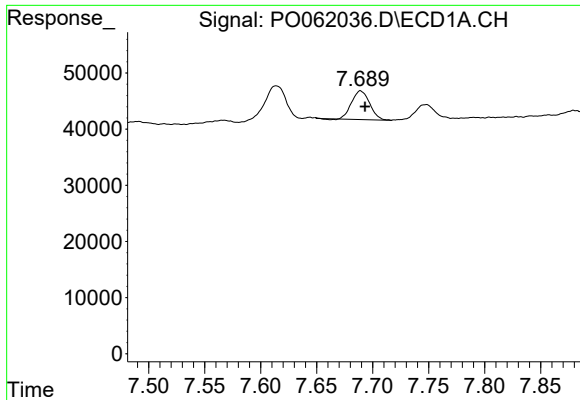
#35 AR-1260-5

R.T.: 8.225 min  
Delta R.T.: -0.005 min  
Response: 129691  
Conc: 24.77 ng/ml



#35 AR-1260-5

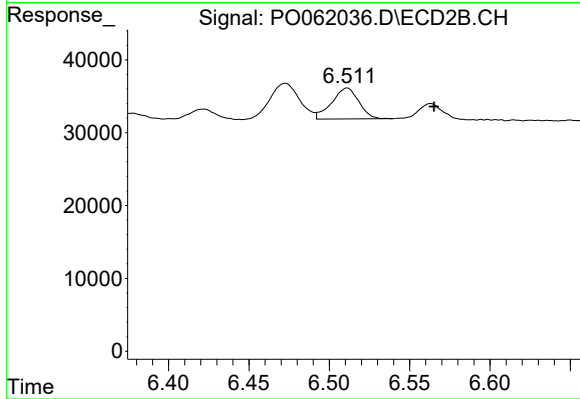
R.T.: 7.005 min  
Delta R.T.: -0.002 min  
Response: 91786  
Conc: 25.48 ng/ml



#36 AR-1262-1

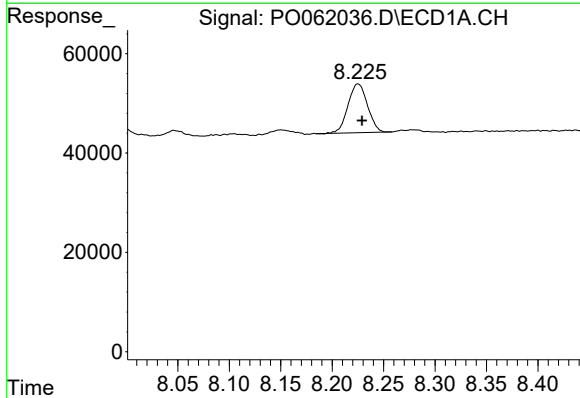
R.T.: 7.689 min  
Delta R.T.: -0.004 min  
Response: 57288  
Conc: 13.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



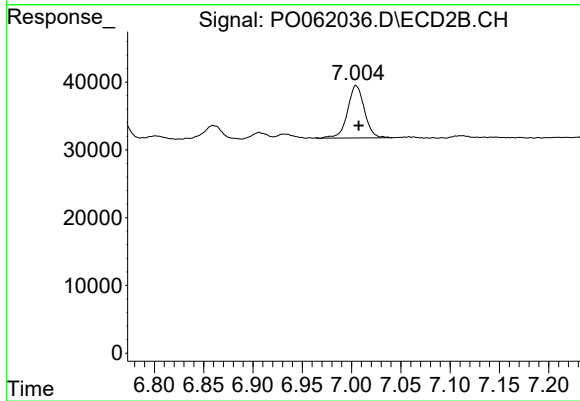
#36 AR-1262-1

R.T.: 6.511 min  
Delta R.T.: -0.054 min  
Response: 49771  
Conc: 41.76 ng/ml



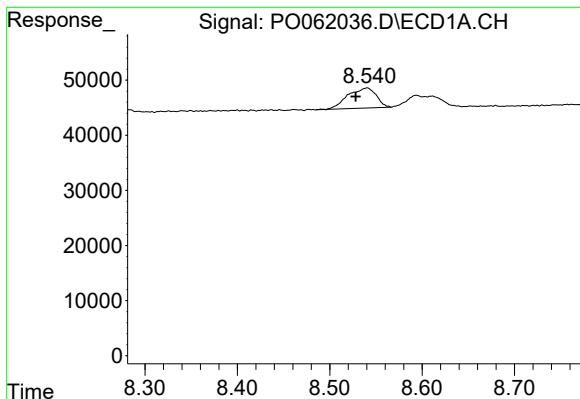
#37 AR-1262-2

R.T.: 8.225 min  
Delta R.T.: -0.004 min  
Response: 129691  
Conc: 20.11 ng/ml



#37 AR-1262-2

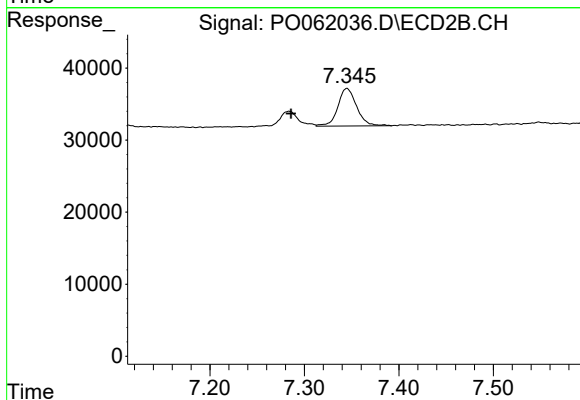
R.T.: 7.005 min  
Delta R.T.: -0.003 min  
Response: 91786  
Conc: 21.84 ng/ml



#38 AR-1262-3

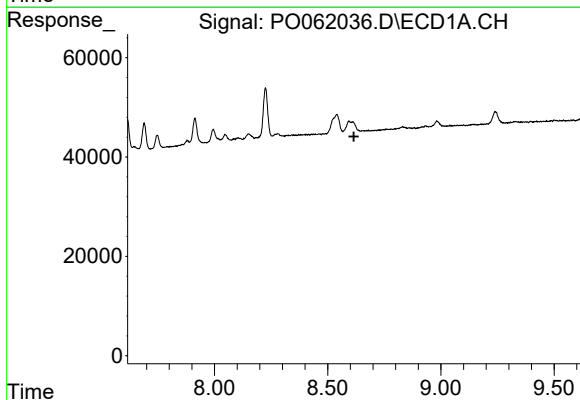
R.T.: 8.540 min  
Delta R.T.: 0.012 min  
Response: 77935  
Conc: 17.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



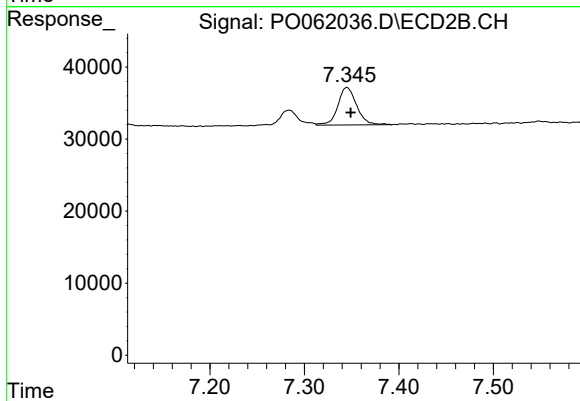
#38 AR-1262-3

R.T.: 7.345 min  
Delta R.T.: 0.059 min  
Response: 72373  
Conc: 41.15 ng/ml



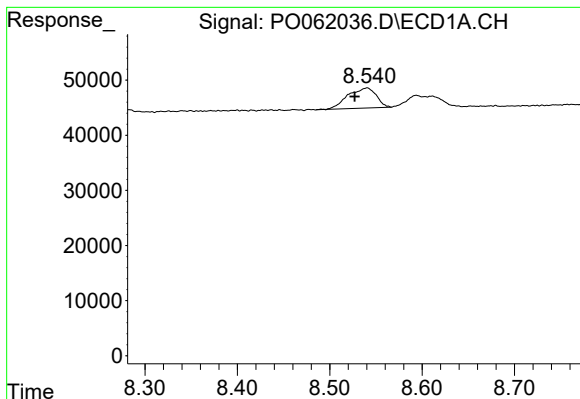
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.616 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

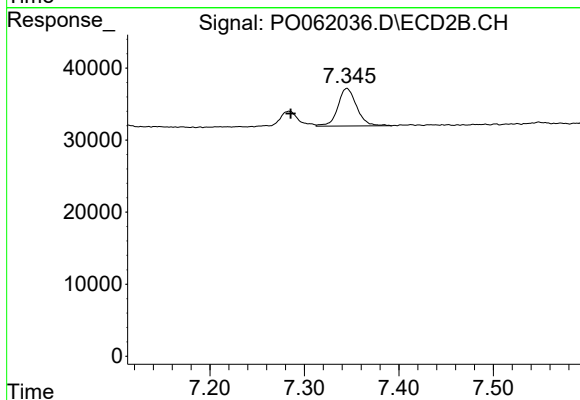
R.T.: 7.345 min  
Delta R.T.: -0.004 min  
Response: 72373  
Conc: 23.67 ng/ml



#41 AR-1268-1

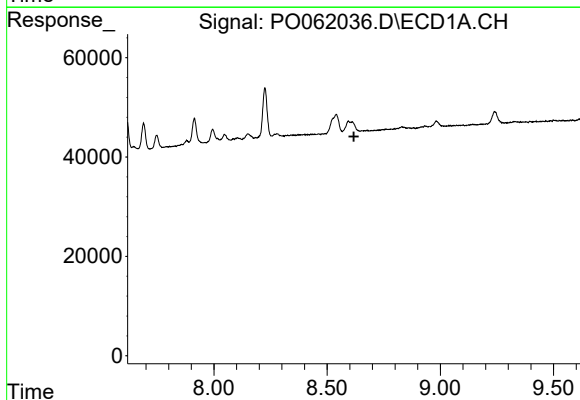
R.T.: 8.540 min  
Delta R.T.: 0.013 min  
Response: 77935  
Conc: 10.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



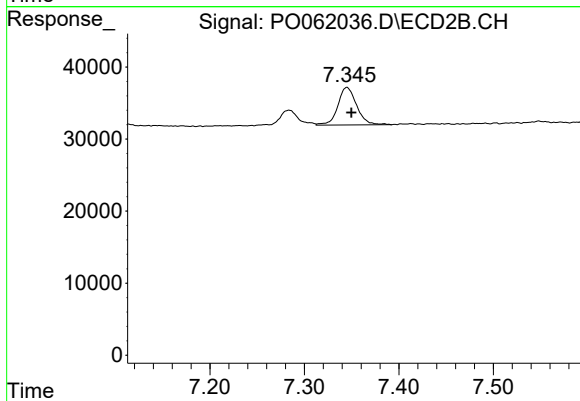
#41 AR-1268-1

R.T.: 7.345 min  
Delta R.T.: 0.060 min  
Response: 72373  
Conc: 15.45 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.618 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.345 min  
Delta R.T.: -0.005 min  
Response: 72373  
Conc: 17.32 ng/ml