

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0042319\  
 Data File : P0055541.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Apr 2019 13:52  
 Operator : SM/SJ  
 Sample : K2484-03RE  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 200027RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 14:21:04 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0032519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 25 17:22:26 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... | 4.290 | 3.602 | 495033  | 493728 | 14.264  | 15.471    |
| 2)                          | SA Decachlor... | 9.902 | 8.563 | 455418  | 318679 | 9.238   | 10.006    |
|                             |                 |       |       |         |        |         |           |
| Target Compounds            |                 |       |       |         |        |         |           |
| 3)                          | L1 AR-1016-1    | 5.467 | 0.000 | 10187   | 0      | 5.661   | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.467 | 0.000 | 10187   | 0      | 4.102   | N.D. #    |
| 7)                          | L1 AR-1016-5    | 5.897 | 5.214 | 8576    | 69616  | 6.428   | 53.411 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 4.017 | 0       | 48035  | N.D.    | 52.112 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 4.017 | 0       | 48035  | N.D.    | 64.056 #  |
| 12)                         | L3 AR-1232-2    | 5.140 | 0.000 | 11286   | 0      | 23.074  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.467 | 0.000 | 10187   | 0      | 10.424  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 0.000 | 5.214 | 0       | 69616  | N.D.    | 143.137 # |
| 16)                         | L4 AR-1242-1    | 5.467 | 0.000 | 10187   | 0      | 7.332   | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.467 | 0.000 | 10187   | 0      | 5.324   | N.D. #    |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.497 | 0       | 733155 | N.D.    | 596.114 # |
| 21)                         | L5 AR-1248-1    | 5.467 | 0.000 | 10187   | 0      | 10.190  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 5.897 | 0.000 | 8576    | 0      | 5.370   | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.304 | 5.214 | 1160078 | 69616  | 617.541 | 45.711 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.497 | 0       | 733155 | N.D.    | 491.762 # |
| 26)                         | L6 AR-1254-1    | 6.304 | 5.497 | 1160078 | 733155 | 639.802 | 335.468 # |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.687 | 0       | 86515  | N.D.    | 44.619 #  |
| 28)                         | L6 AR-1254-3    | 6.893 | 0.000 | 203346  | 0      | 64.663  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.167 | 6.324 | 28115   | 192294 | 11.492  | 98.213 #  |
| 30)                         | L6 AR-1254-5    | 7.607 | 6.662 | 29888   | 8654   | 11.151  | 3.011 #   |
| 31)                         | L7 AR-1260-1    | 7.084 | 0.000 | 76963   | 0      | 30.630  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.297 | 6.324 | 30093   | 192294 | 9.697   | 69.855 #  |
| 33)                         | L7 AR-1260-3    | 7.607 | 6.540 | 29888   | 18448  | 12.177  | 7.156 #   |
| 34)                         | L7 AR-1260-4    | 7.878 | 0.000 | 15892   | 0      | 5.746   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.144 | 0.000 | 27012   | 0      | 4.868   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 7.607 | 6.662 | 29888   | 8654   | 8.970   | 2.909 #   |
| 37)                         | L8 AR-1262-2    | 8.144 | 0.000 | 27012   | 0      | 4.559   | N.D. #    |
| 38)                         | L8 AR-1262-3    | 8.516 | 7.511 | 38277   | 257790 | 9.239   | 125.539 # |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.588 | 0       | 1561   | N.D.    | 0.431 #   |
| 41)                         | L9 AR-1268-1    | 8.516 | 7.511 | 38277   | 257790 | 5.378   | 45.593 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.588 | 0       | 1561   | N.D.    | 0.302 #   |
| 45)                         | L9 AR-1268-5    | 9.642 | 0.000 | 37742   | 0      | 2.291   | N.D. #    |
| -----                       |                 |       |       |         |        |         |           |

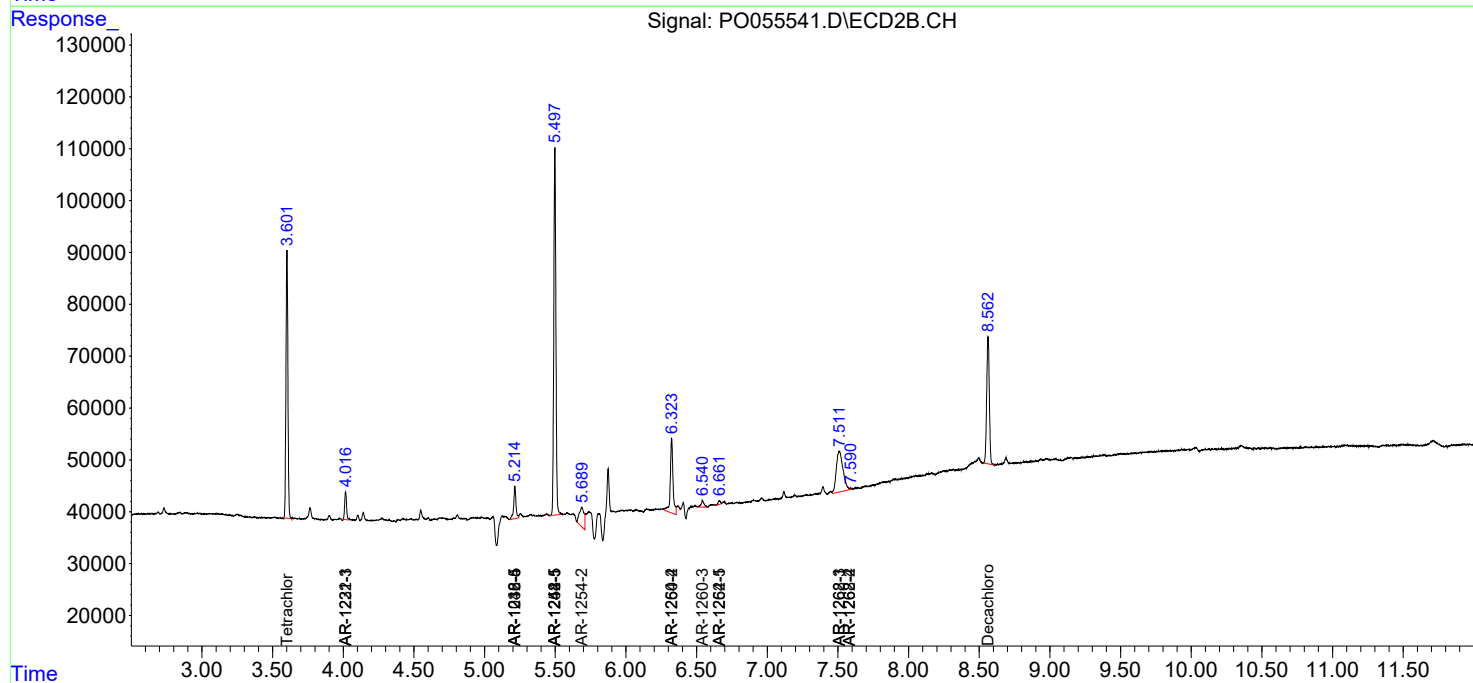
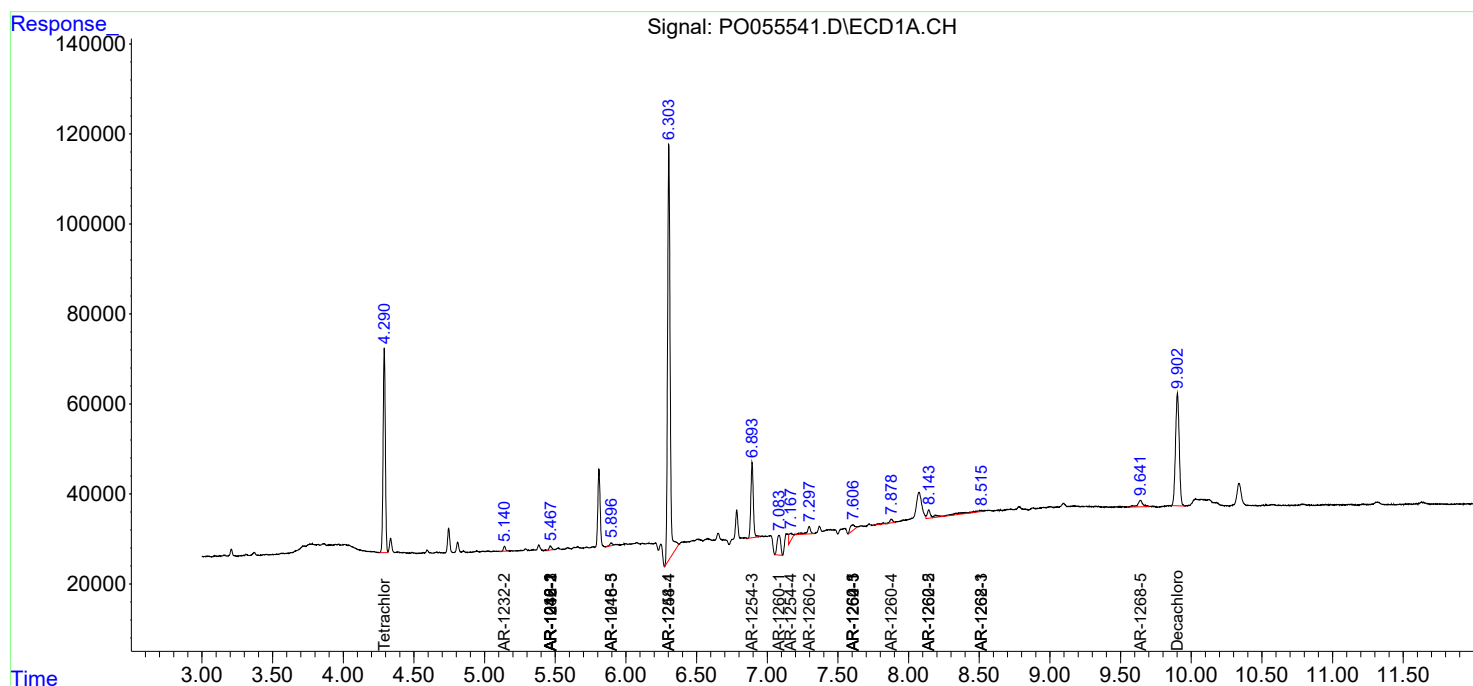
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

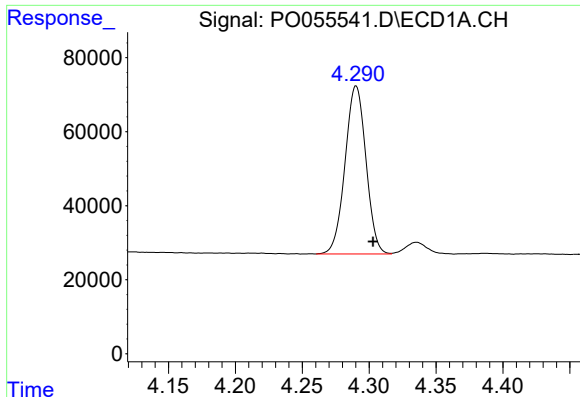
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042319\  
Data File : P0055541.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Apr 2019 13:52  
Operator : SM/SJ  
Sample : K2484-03RE  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
200027RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 14:21:04 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 25 17:22:26 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

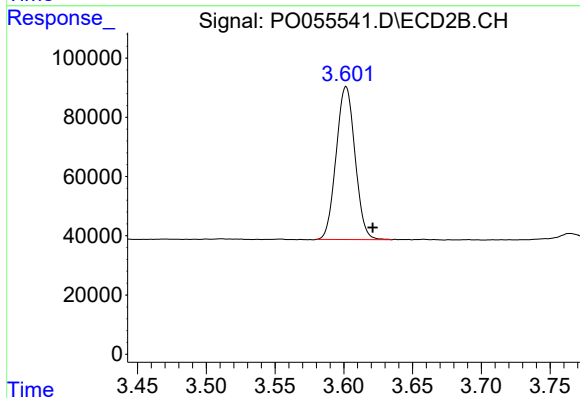




#1 Tetrachloro-m-xylene

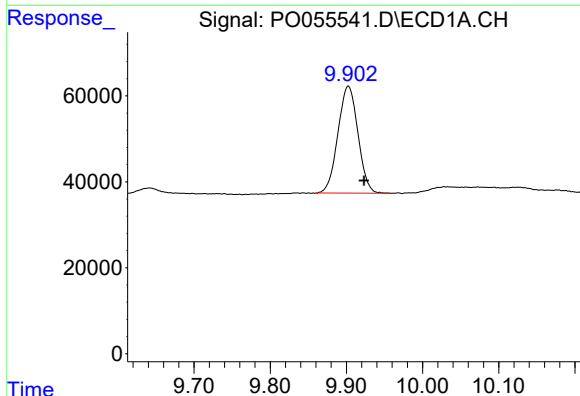
R.T.: 4.290 min  
Delta R.T.: -0.013 min  
Response: 495033  
Conc: 14.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



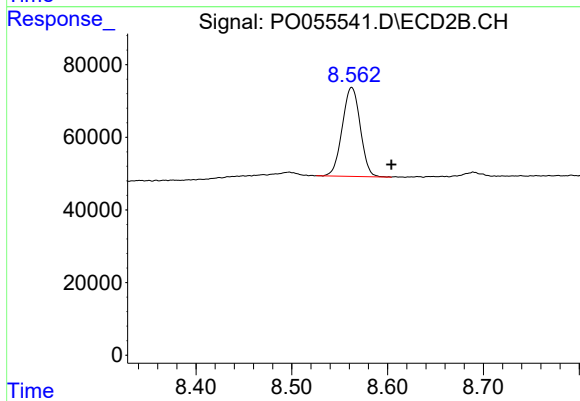
#1 Tetrachloro-m-xylene

R.T.: 3.602 min  
Delta R.T.: -0.019 min  
Response: 493728  
Conc: 15.47 ng/ml



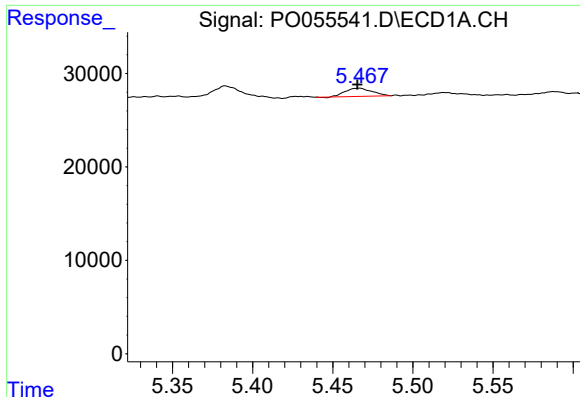
#2 Decachlorobiphenyl

R.T.: 9.902 min  
Delta R.T.: -0.021 min  
Response: 455418  
Conc: 9.24 ng/ml



#2 Decachlorobiphenyl

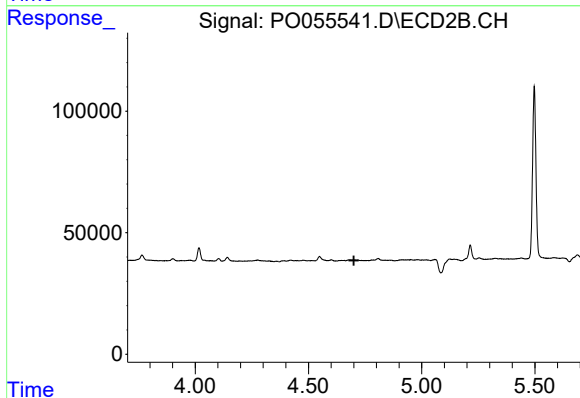
R.T.: 8.563 min  
Delta R.T.: -0.041 min  
Response: 318679  
Conc: 10.01 ng/ml



#3 AR-1016-1

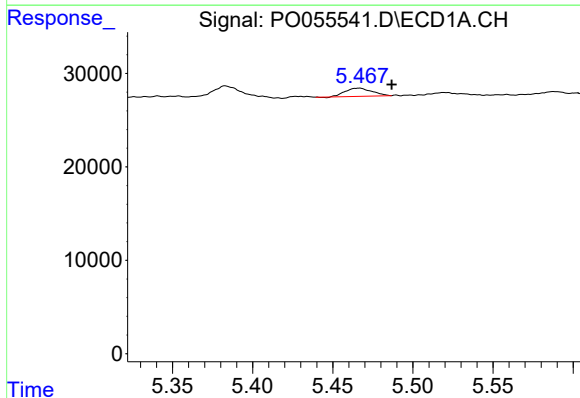
R.T.: 5.467 min  
Delta R.T.: 0.001 min  
Response: 10187  
Conc: 5.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



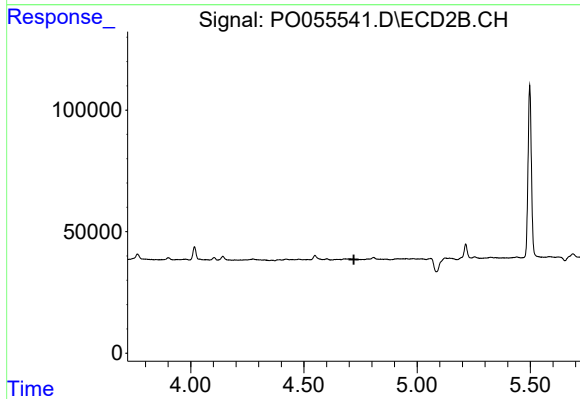
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.701 min  
Response: 0  
Conc: N.D.



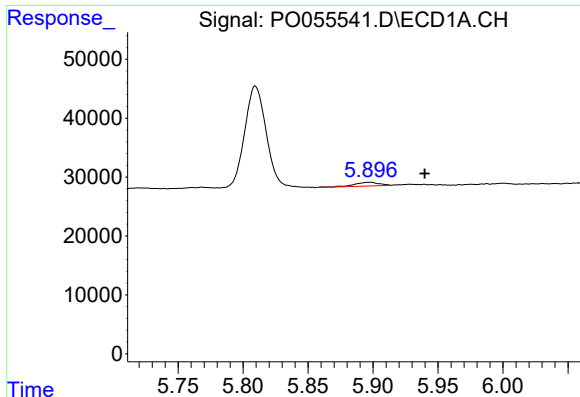
#4 AR-1016-2

R.T.: 5.467 min  
Delta R.T.: -0.020 min  
Response: 10187  
Conc: 4.10 ng/ml



#4 AR-1016-2

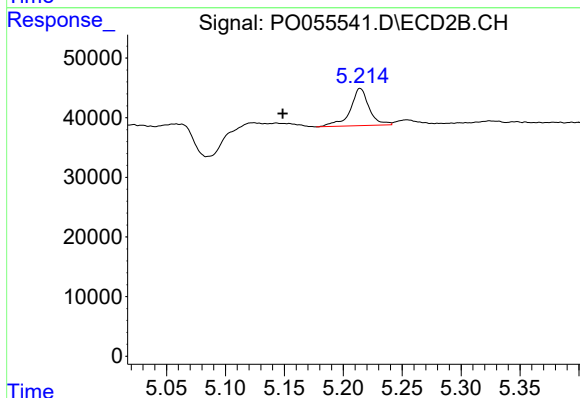
R.T.: 0.000 min  
Exp R.T. : 4.721 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

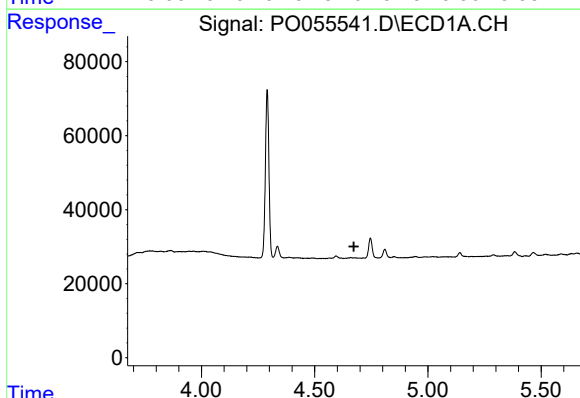
R.T.: 5.897 min  
Delta R.T.: -0.043 min  
Response: 8576  
Conc: 6.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



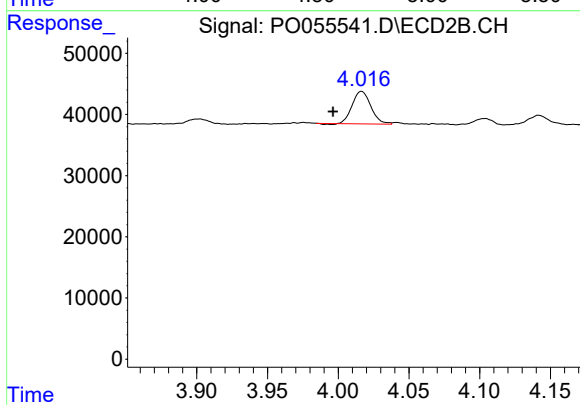
#7 AR-1016-5

R.T.: 5.214 min  
Delta R.T.: 0.066 min  
Response: 69616  
Conc: 53.41 ng/ml



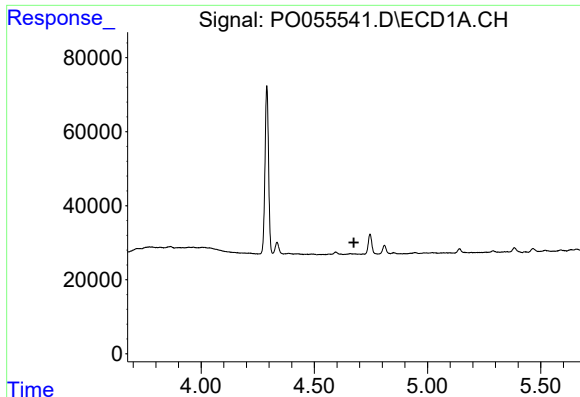
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.673 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

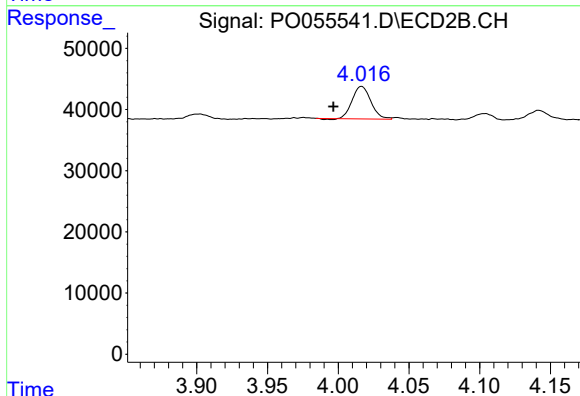
R.T.: 4.017 min  
Delta R.T.: 0.020 min  
Response: 48035  
Conc: 52.11 ng/ml



#11 AR-1232-1

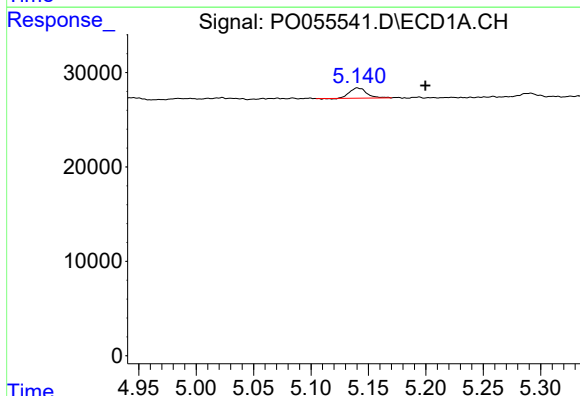
R.T.: 0.000 min  
Exp R.T.: 4.675 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



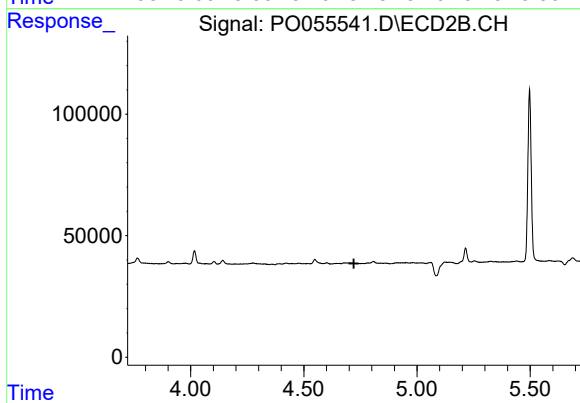
#11 AR-1232-1

R.T.: 4.017 min  
Delta R.T.: 0.020 min  
Response: 48035  
Conc: 64.06 ng/ml



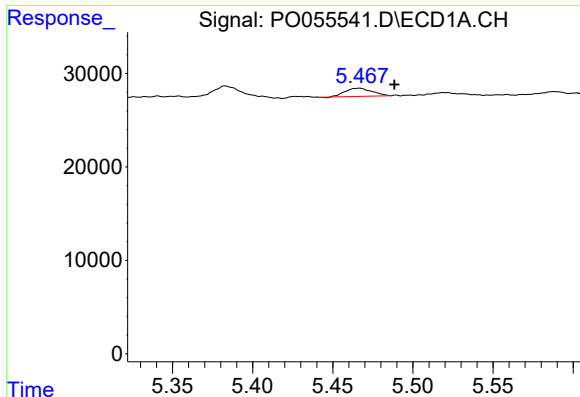
#12 AR-1232-2

R.T.: 5.140 min  
Delta R.T.: -0.059 min  
Response: 11286  
Conc: 23.07 ng/ml



#12 AR-1232-2

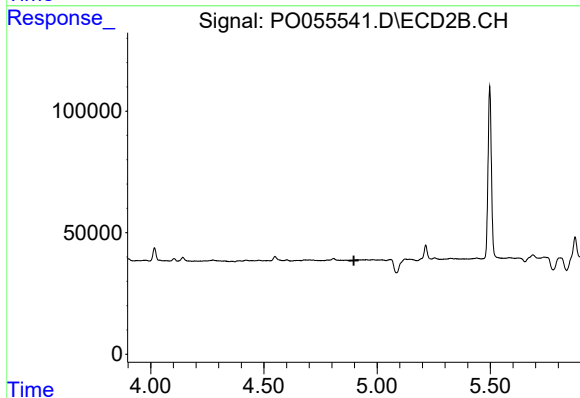
R.T.: 0.000 min  
Exp R.T.: 4.721 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

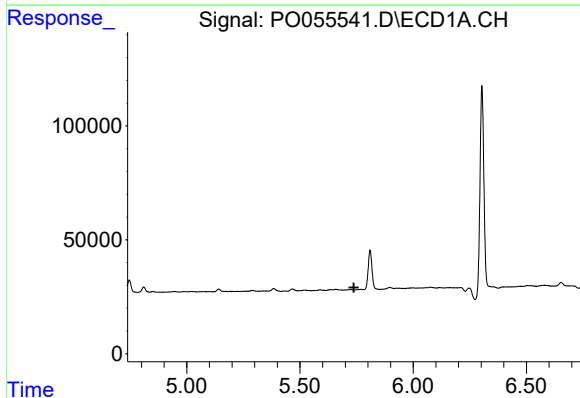
R.T.: 5.467 min  
Delta R.T.: -0.022 min  
Response: 10187  
Conc: 10.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



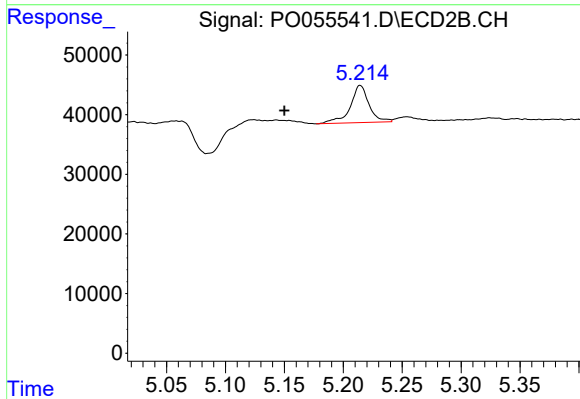
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.897 min  
Response: 0  
Conc: N.D.



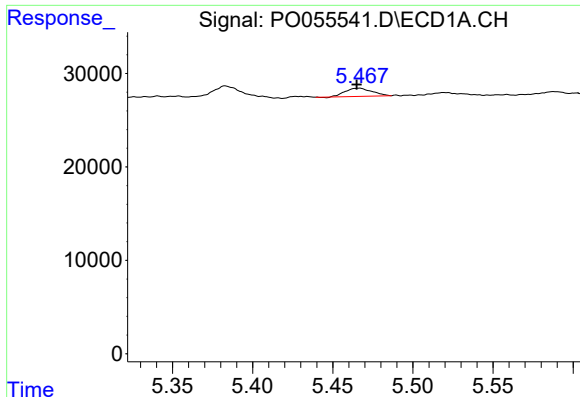
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.738 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

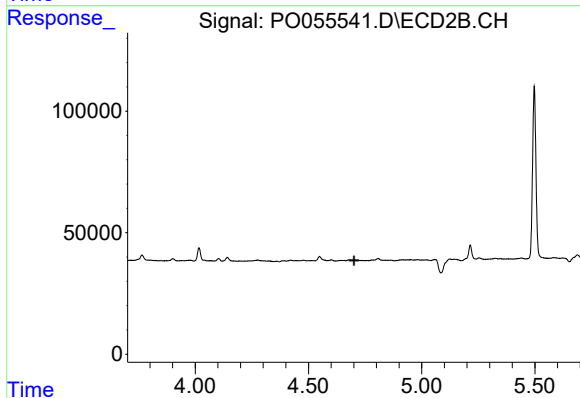
R.T.: 5.214 min  
Delta R.T.: 0.064 min  
Response: 69616  
Conc: 143.14 ng/ml



#16 AR-1242-1

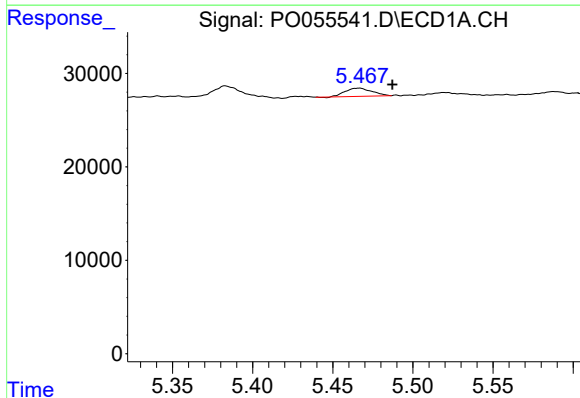
R.T.: 5.467 min  
Delta R.T.: 0.002 min  
Response: 10187  
Conc: 7.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



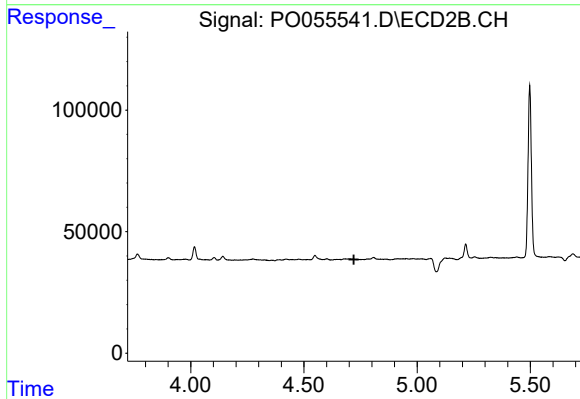
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.701 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

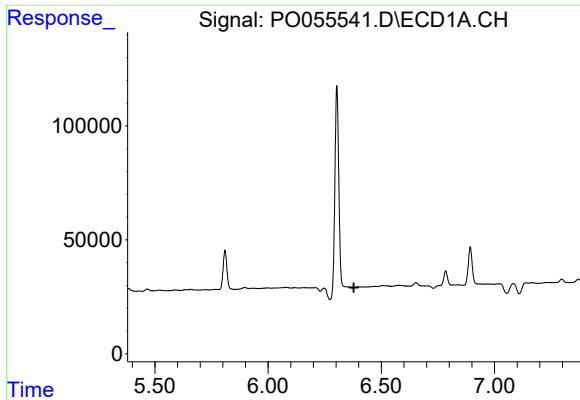
R.T.: 5.467 min  
Delta R.T.: -0.020 min  
Response: 10187  
Conc: 5.32 ng/ml



#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.720 min  
Response: 0  
Conc: N.D.

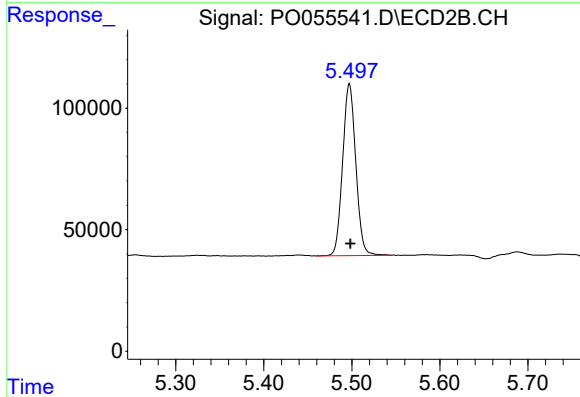




#20 AR-1242-5

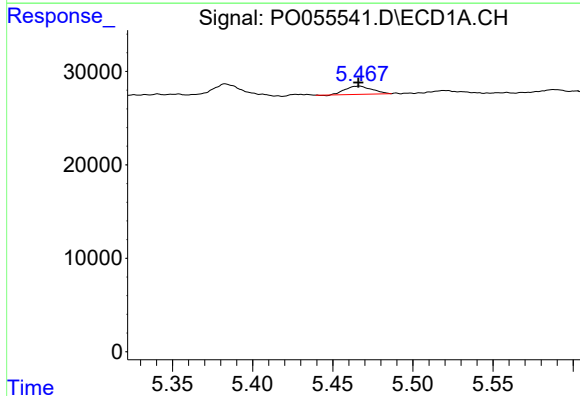
R.T.: 0.000 min  
Exp R.T.: 6.379 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



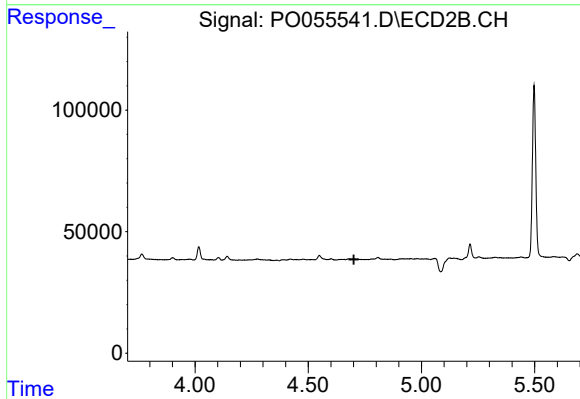
#20 AR-1242-5

R.T.: 5.497 min  
Delta R.T.: -0.001 min  
Response: 733155  
Conc: 596.11 ng/ml



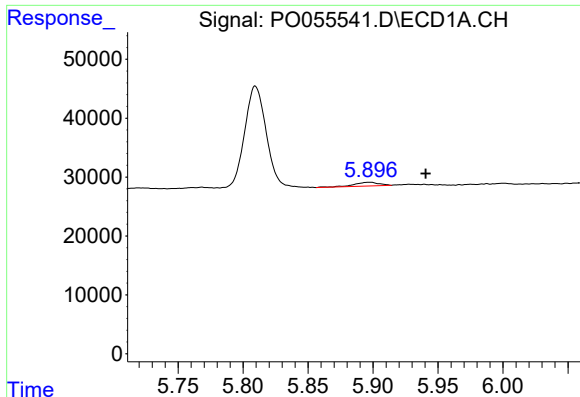
#21 AR-1248-1

R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 10187  
Conc: 10.19 ng/ml



#21 AR-1248-1

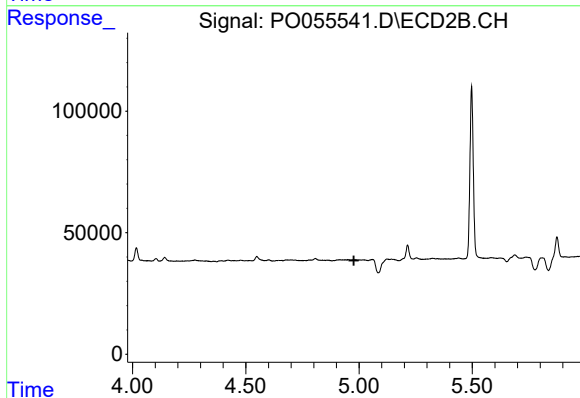
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

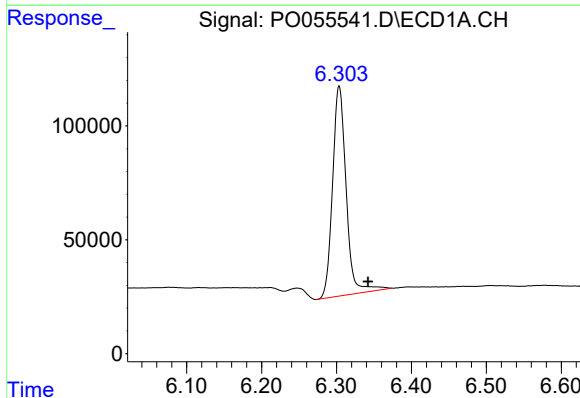
R.T.: 5.897 min  
Delta R.T.: -0.044 min  
Response: 8576  
Conc: 5.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



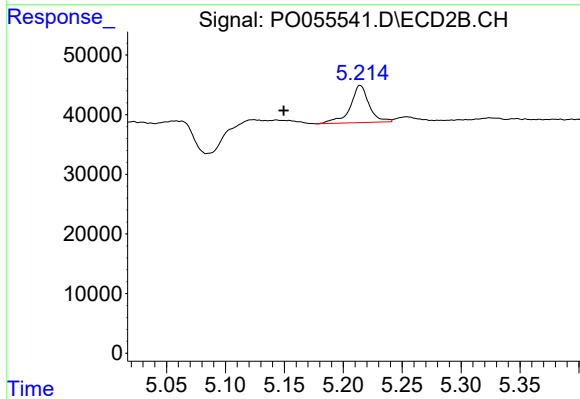
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.977 min  
Response: 0  
Conc: N.D.



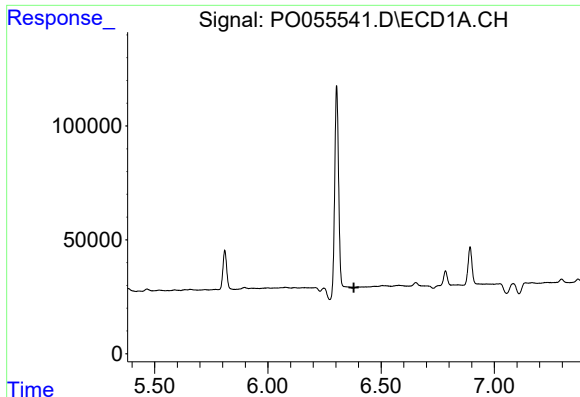
#24 AR-1248-4

R.T.: 6.304 min  
Delta R.T.: -0.039 min  
Response: 1160078  
Conc: 617.54 ng/ml



#24 AR-1248-4

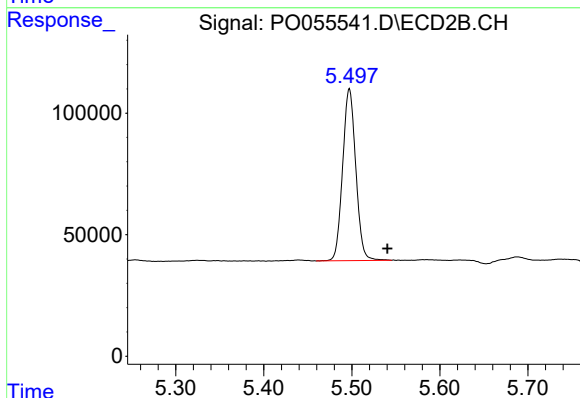
R.T.: 5.214 min  
Delta R.T.: 0.065 min  
Response: 69616  
Conc: 45.71 ng/ml



#25 AR-1248-5

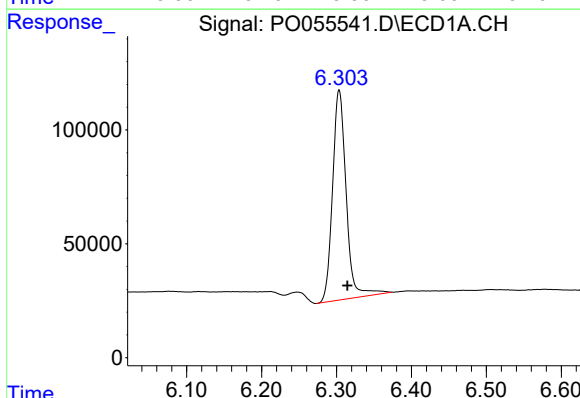
R.T.: 0.000 min  
Exp R.T.: 6.380 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



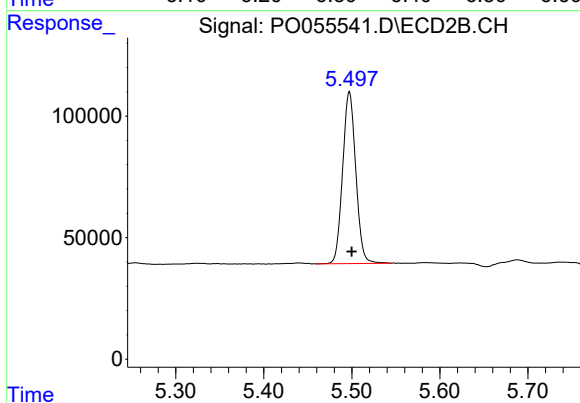
#25 AR-1248-5

R.T.: 5.497 min  
Delta R.T.: -0.043 min  
Response: 733155  
Conc: 491.76 ng/ml



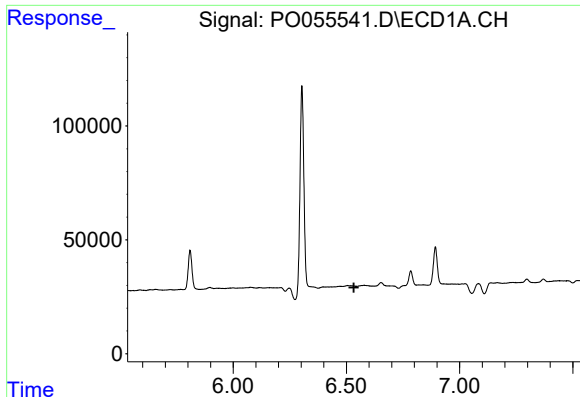
#26 AR-1254-1

R.T.: 6.304 min  
Delta R.T.: -0.011 min  
Response: 1160078  
Conc: 639.80 ng/ml



#26 AR-1254-1

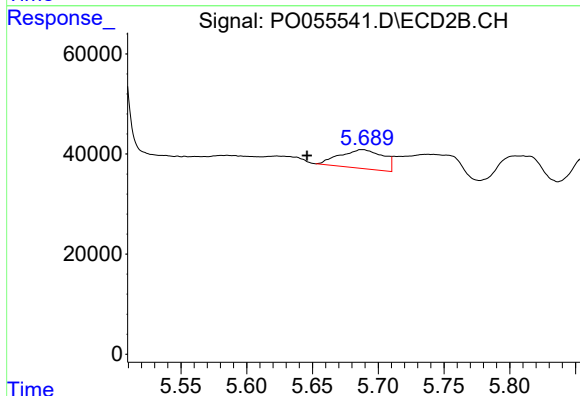
R.T.: 5.497 min  
Delta R.T.: -0.003 min  
Response: 733155  
Conc: 335.47 ng/ml



#27 AR-1254-2

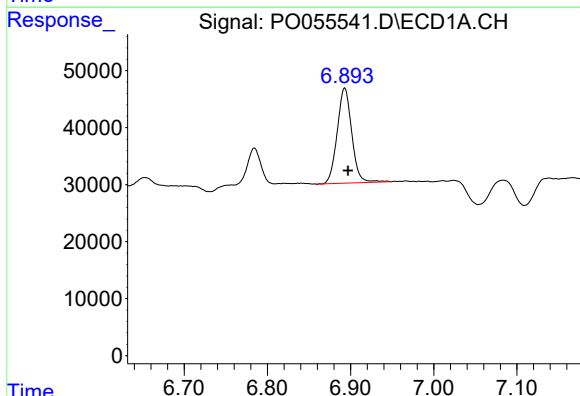
R.T.: 0.000 min  
Exp R.T.: 6.533 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



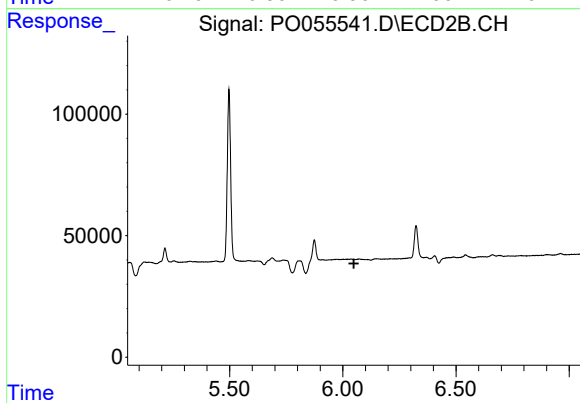
#27 AR-1254-2

R.T.: 5.687 min  
Delta R.T.: 0.041 min  
Response: 86515  
Conc: 44.62 ng/ml



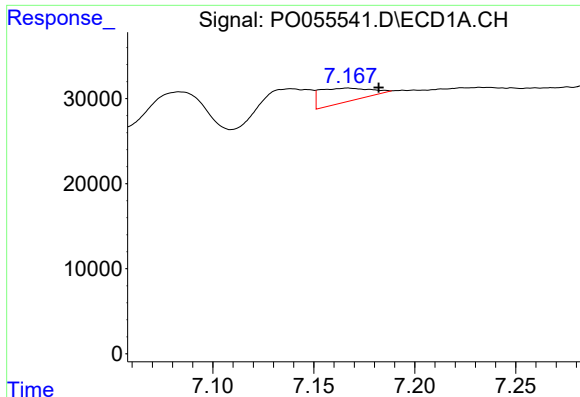
#28 AR-1254-3

R.T.: 6.893 min  
Delta R.T.: -0.004 min  
Response: 203346  
Conc: 64.66 ng/ml



#28 AR-1254-3

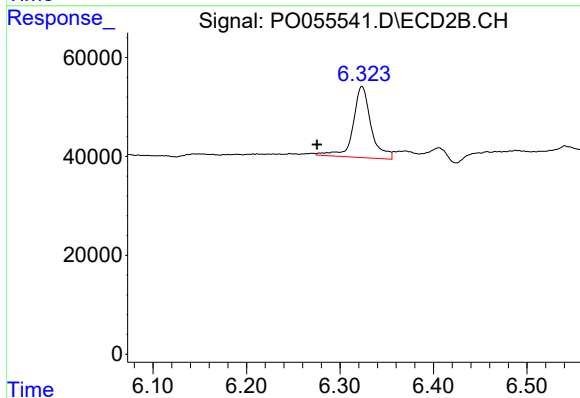
R.T.: 0.000 min  
Exp R.T.: 6.049 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

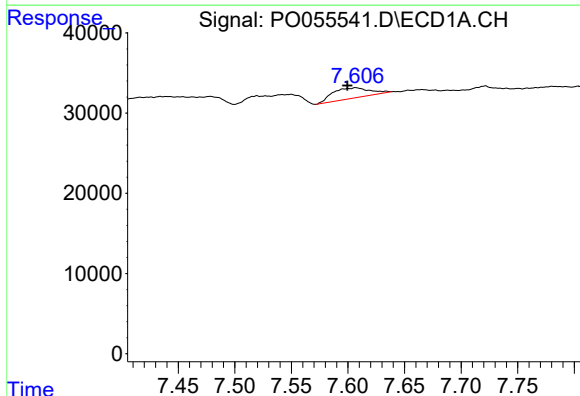
R.T.: 7.167 min  
Delta R.T.: -0.015 min  
Response: 28115  
Conc: 11.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



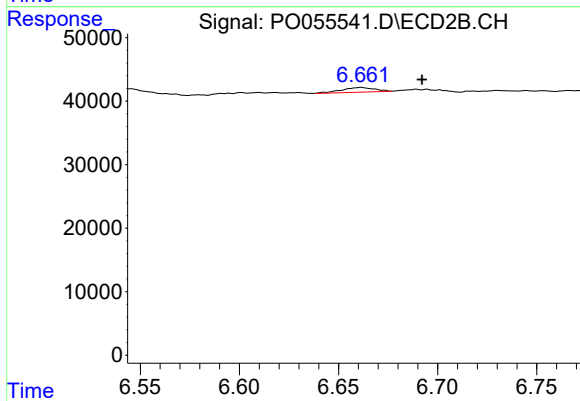
#29 AR-1254-4

R.T.: 6.324 min  
Delta R.T.: 0.048 min  
Response: 192294  
Conc: 98.21 ng/ml



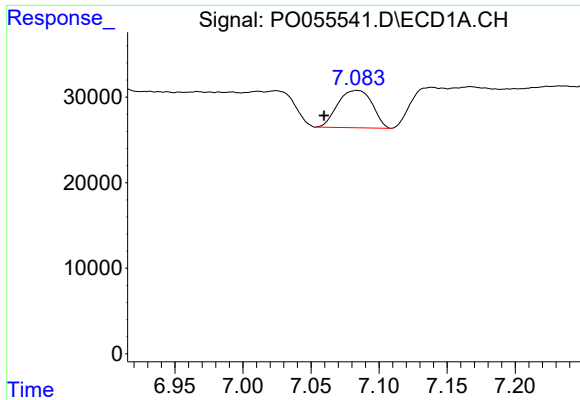
#30 AR-1254-5

R.T.: 7.607 min  
Delta R.T.: 0.008 min  
Response: 29888  
Conc: 11.15 ng/ml



#30 AR-1254-5

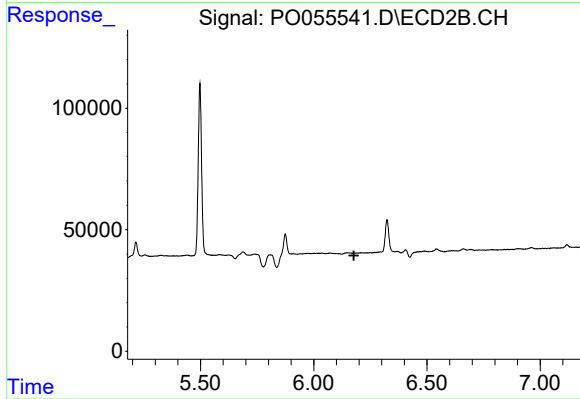
R.T.: 6.662 min  
Delta R.T.: -0.031 min  
Response: 8654  
Conc: 3.01 ng/ml



#31 AR-1260-1

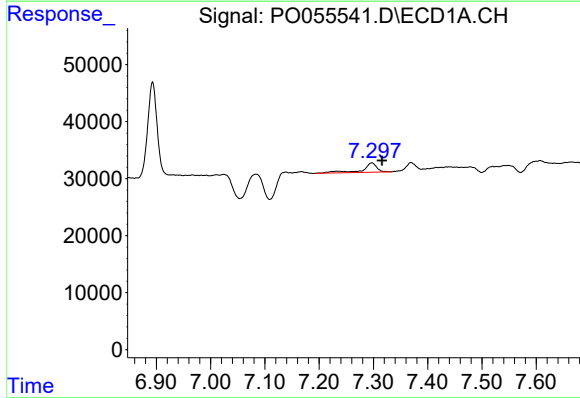
R.T.: 7.084 min  
Delta R.T.: 0.024 min  
Response: 76963  
Conc: 30.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



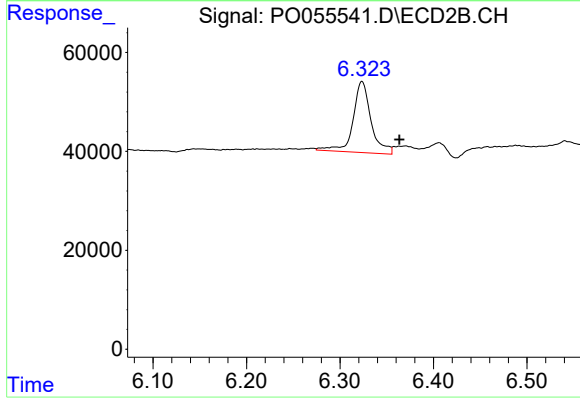
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.177 min  
Response: 0  
Conc: N.D.



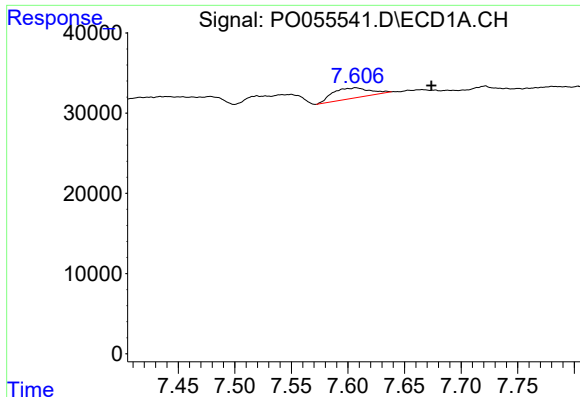
#32 AR-1260-2

R.T.: 7.297 min  
Delta R.T.: -0.019 min  
Response: 30093  
Conc: 9.70 ng/ml



#32 AR-1260-2

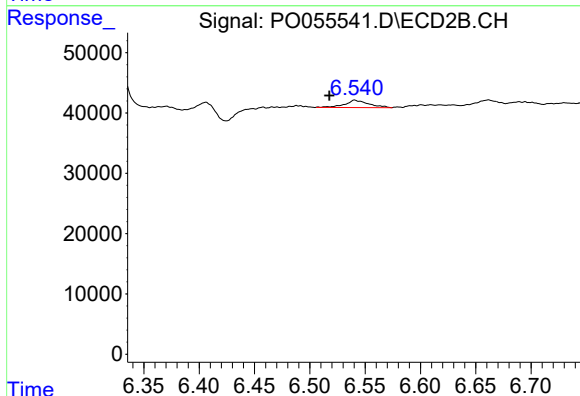
R.T.: 6.324 min  
Delta R.T.: -0.040 min  
Response: 192294  
Conc: 69.86 ng/ml



#33 AR-1260-3

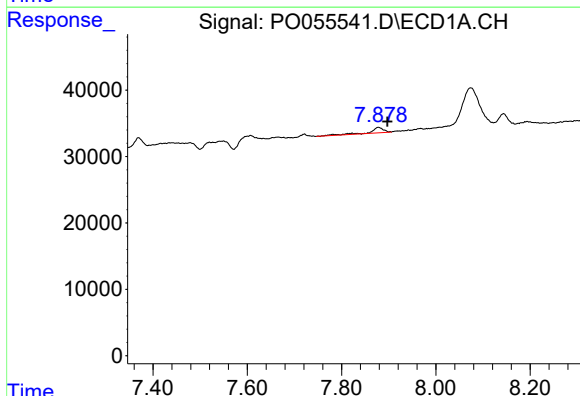
R.T.: 7.607 min  
Delta R.T.: -0.067 min  
Response: 29888  
Conc: 12.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



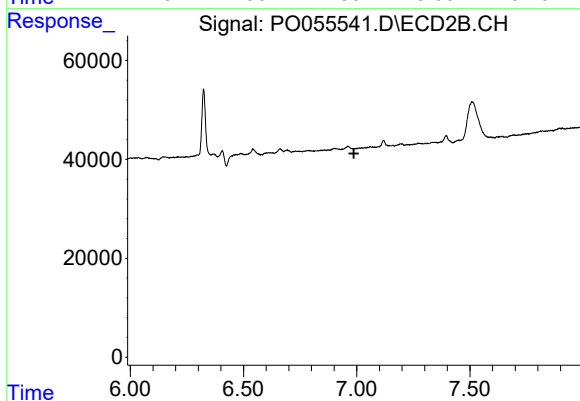
#33 AR-1260-3

R.T.: 6.540 min  
Delta R.T.: 0.023 min  
Response: 18448  
Conc: 7.16 ng/ml



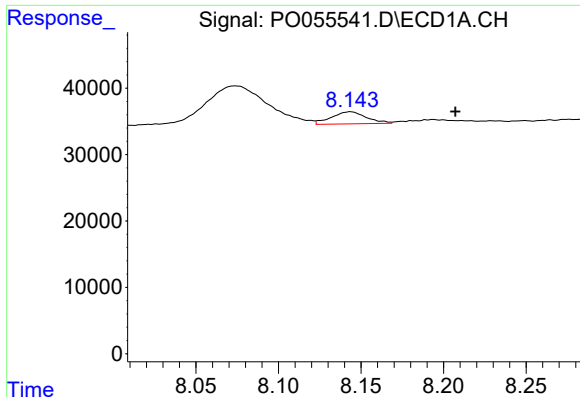
#34 AR-1260-4

R.T.: 7.878 min  
Delta R.T.: -0.019 min  
Response: 15892  
Conc: 5.75 ng/ml



#34 AR-1260-4

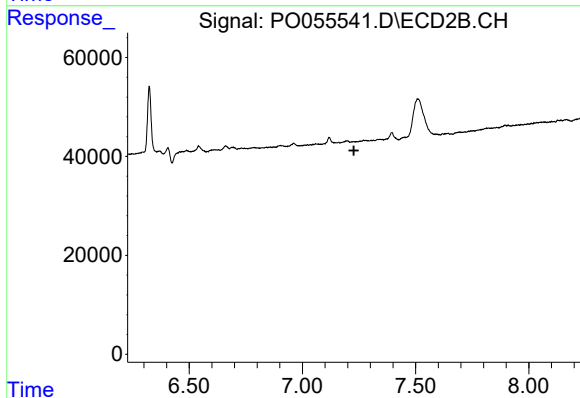
R.T.: 0.000 min  
Exp R.T.: 6.988 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

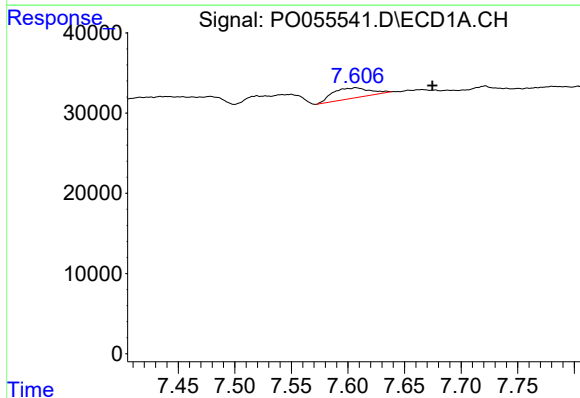
R.T.: 8.144 min  
Delta R.T.: -0.064 min  
Response: 27012  
Conc: 4.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



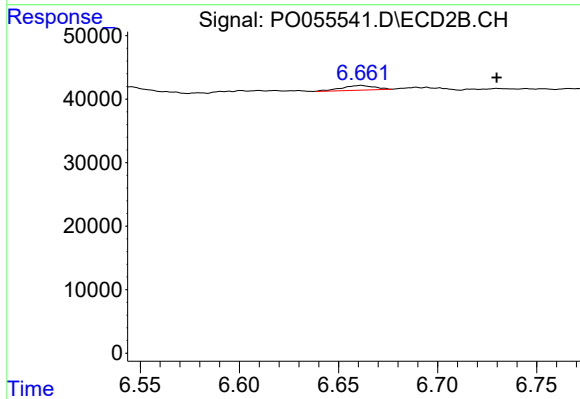
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.227 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

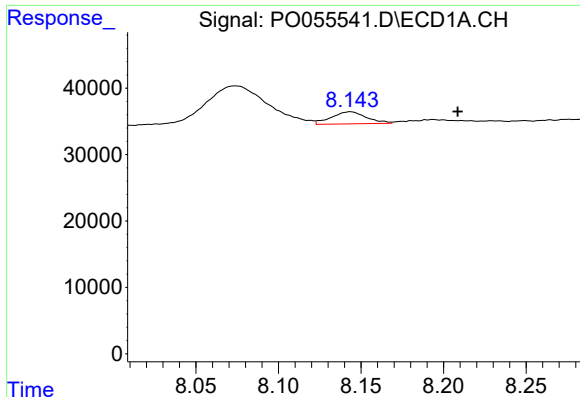
R.T.: 7.607 min  
Delta R.T.: -0.068 min  
Response: 29888  
Conc: 8.97 ng/ml



#36 AR-1262-1

R.T.: 6.662 min  
Delta R.T.: -0.068 min  
Response: 8654  
Conc: 2.91 ng/ml

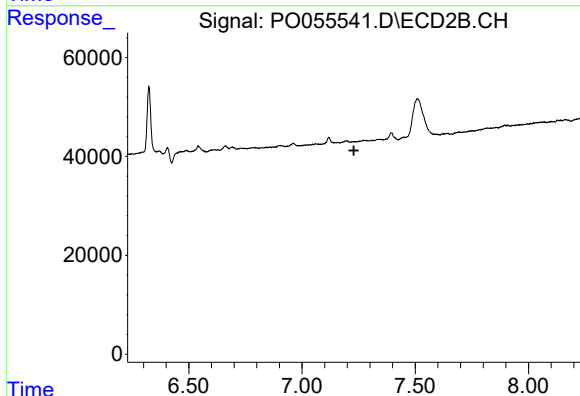




#37 AR-1262-2

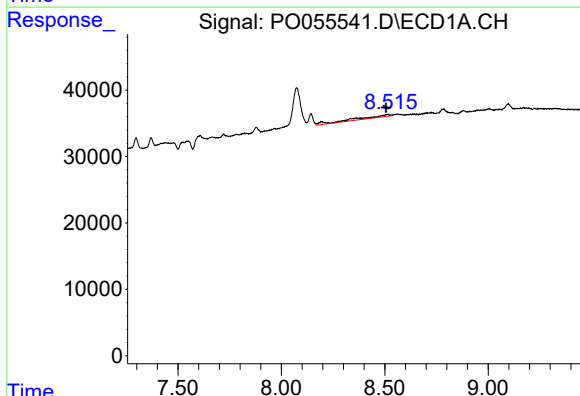
R.T.: 8.144 min  
Delta R.T.: -0.065 min  
Response: 27012  
Conc: 4.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



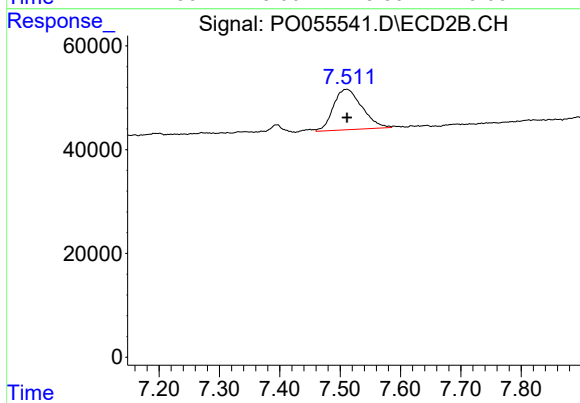
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.229 min  
Response: 0  
Conc: N.D.



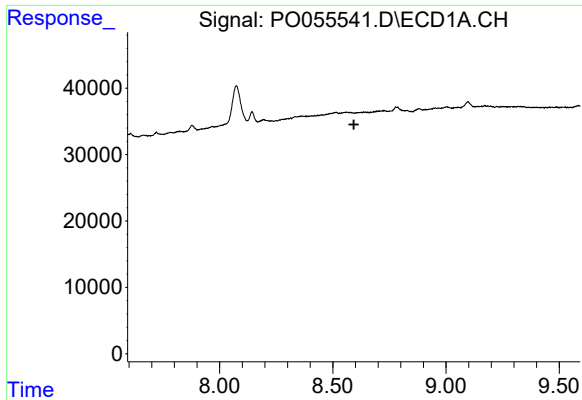
#38 AR-1262-3

R.T.: 8.516 min  
Delta R.T.: 0.009 min  
Response: 38277  
Conc: 9.24 ng/ml



#38 AR-1262-3

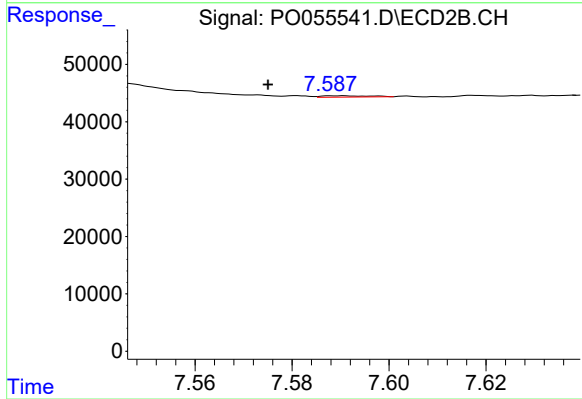
R.T.: 7.511 min  
Delta R.T.: 0.000 min  
Response: 257790  
Conc: 125.54 ng/ml



#39 AR-1262-4

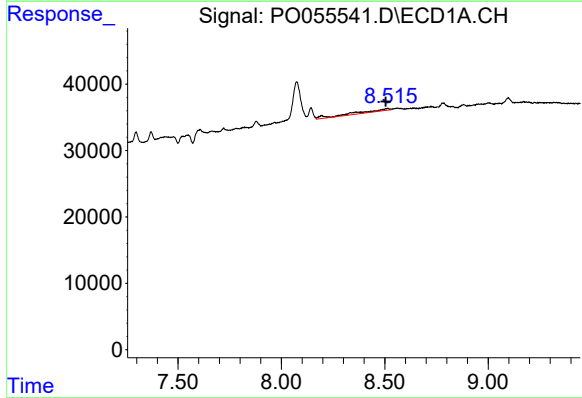
R.T.: 0.000 min  
Exp R.T.: 8.593 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



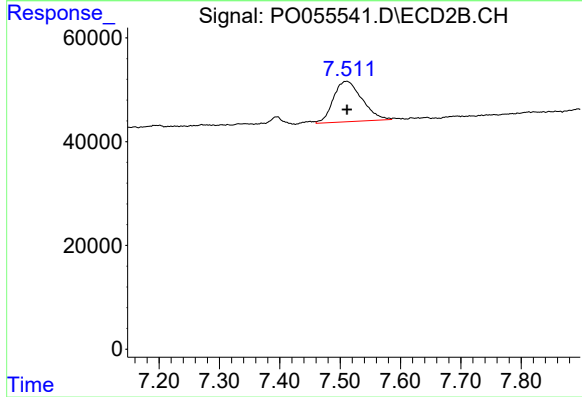
#39 AR-1262-4

R.T.: 7.588 min  
Delta R.T.: 0.013 min  
Response: 1561  
Conc: 0.43 ng/ml



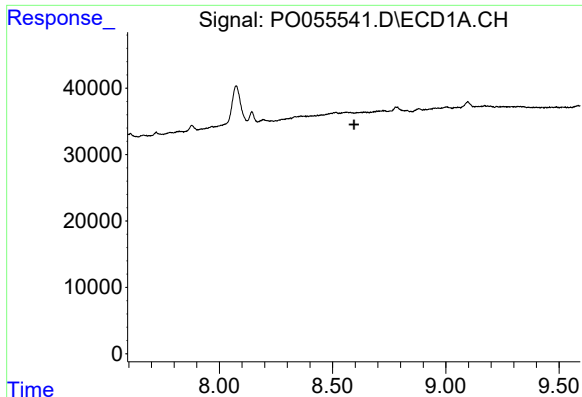
#41 AR-1268-1

R.T.: 8.516 min  
Delta R.T.: 0.012 min  
Response: 38277  
Conc: 5.38 ng/ml



#41 AR-1268-1

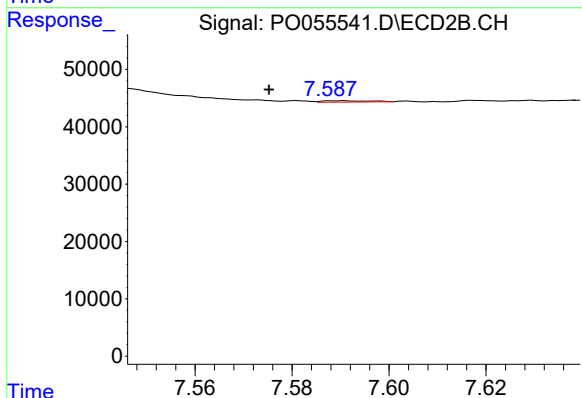
R.T.: 7.511 min  
Delta R.T.: 0.000 min  
Response: 257790  
Conc: 45.59 ng/ml



#42 AR-1268-2

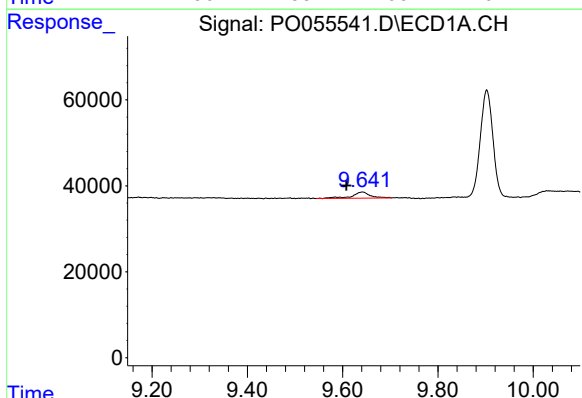
R.T.: 0.000 min  
Exp R.T.: 8.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
200027RE



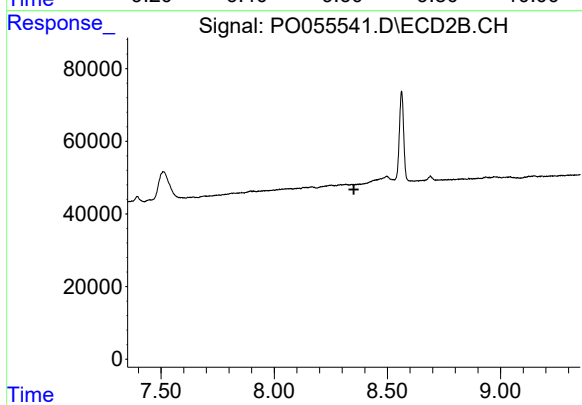
#42 AR-1268-2

R.T.: 7.588 min  
Delta R.T.: 0.013 min  
Response: 1561  
Conc: 0.30 ng/ml



#45 AR-1268-5

R.T.: 9.642 min  
Delta R.T.: 0.034 min  
Response: 37742  
Conc: 2.29 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 8.352 min  
Response: 0  
Conc: N.D.