

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030119\  
 Data File : P0054196.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Mar 2019 20:33  
 Operator : SM/SJ  
 Sample : K1666-05  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PM-E

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 02 00:05:19 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0022619.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Feb 27 04:24:32 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... | 4.037 | 3.123 | 55806365 | 3922959  | 26.020  | 15.302 #   |
| 2)                          | SA Decachlor... | 9.359 | 7.692 | 16252176 | 3656890  | 14.893  | 13.764     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.039 | 0        | 700050   | N.D.    | 69.385 #   |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.334 | 0        | 1529823  | N.D.    | 179.689 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.334 | 0        | 1529823  | N.D.    | 239.009 #  |
| 7)                          | L1 AR-1016-5    | 5.679 | 4.495 | 11001849 | 410655   | 346.882 | 47.748 #   |
| 8)                          | L2 AR-1221-1    | 4.262 | 0.000 | 1192418  | 0        | 38.137  | N.D. #     |
| 9)                          | L2 AR-1221-2    | 4.324 | 0.000 | 114736   | 0        | 5.445   | N.D. #     |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.510 | 0        | 3385520  | N.D.    | 280.584 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.510 | 0        | 3385520  | N.D.    | 658.604 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.334 | 0        | 1529823  | N.D.    | 454.368 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.334 | 0        | 1529823  | N.D.    | 562.643 #  |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.495 | 0        | 410655   | N.D.    | 125.820 #  |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.039 | 0        | 700050   | N.D.    | 86.334 #   |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.334 | 0        | 1529823  | N.D.    | 218.055 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.334 | 0        | 1529823  | N.D.    | 236.576 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.039 | 0        | 700050   | N.D.    | 106.554 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.334 | 0        | 1529823  | N.D.    | 168.900 #  |
| 23)                         | L5 AR-1248-3    | 5.679 | 4.334 | 11001849 | 1529823  | 248.551 | 167.128 #  |
| 24)                         | L5 AR-1248-4    | 0.000 | 4.495 | 0        | 410655   | N.D.    | 35.859 #   |
| 27)                         | L6 AR-1254-2    | 6.253 | 4.981 | 1606466  | 267977   | 24.351  | 20.273     |
| 28)                         | L6 AR-1254-3    | 0.000 | 5.330 | 0        | 172414   | N.D.    | 8.089 #    |
| 29)                         | L6 AR-1254-4    | 0.000 | 5.612 | 0        | 1733101  | N.D.    | 123.567 #  |
| 30)                         | L6 AR-1254-5    | 7.266 | 5.924 | 5391085  | 17500516 | 105.951 | 976.314 #  |
| 32)                         | L7 AR-1260-2    | 0.000 | 5.612 | 0        | 1733101  | N.D.    | 82.888 #   |
| 33)                         | L7 AR-1260-3    | 0.000 | 5.718 | 0        | 249659   | N.D.    | 13.064 #   |
| 34)                         | L7 AR-1260-4    | 7.627 | 6.205 | 1264237  | 215079   | 26.726  | 17.603 #   |
| 35)                         | L7 AR-1260-5    | 7.848 | 6.393 | 23571988 | 547966   | 233.472 | 18.581 #   |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.009 | 0        | 1140463  | N.D.    | 51.659 #   |
| 37)                         | L8 AR-1262-2    | 7.848 | 6.393 | 23571988 | 547966   | 170.179 | 14.878 #   |
| 38)                         | L8 AR-1262-3    | 0.000 | 6.678 | 0        | 127701   | N.D.    | 8.785 #    |
| 39)                         | L8 AR-1262-4    | 0.000 | 6.810 | 0        | 36522200 | N.D.    | 1360.130 # |
| 40)                         | L8 AR-1262-5    | 8.788 | 0.000 | 5585037  | 0        | 115.736 | N.D. #     |
| 41)                         | L9 AR-1268-1    | 0.000 | 6.678 | 0        | 127701   | N.D.    | 3.277 #    |
| 42)                         | L9 AR-1268-2    | 0.000 | 6.810 | 0        | 36522200 | N.D.    | 999.051 #  |
| 43)                         | L9 AR-1268-3    | 0.000 | 6.910 | 0        | 484173   | N.D.    | 15.713 #   |
| 44)                         | L9 AR-1268-4    | 8.788 | 0.000 | 5585037  | 0        | 111.383 | N.D. #     |
| 45)                         | L9 AR-1268-5    | 0.000 | 7.447 | 0        | 775174   | N.D.    | 8.529 #    |
| -----                       |                 |       |       |          |          |         |            |

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

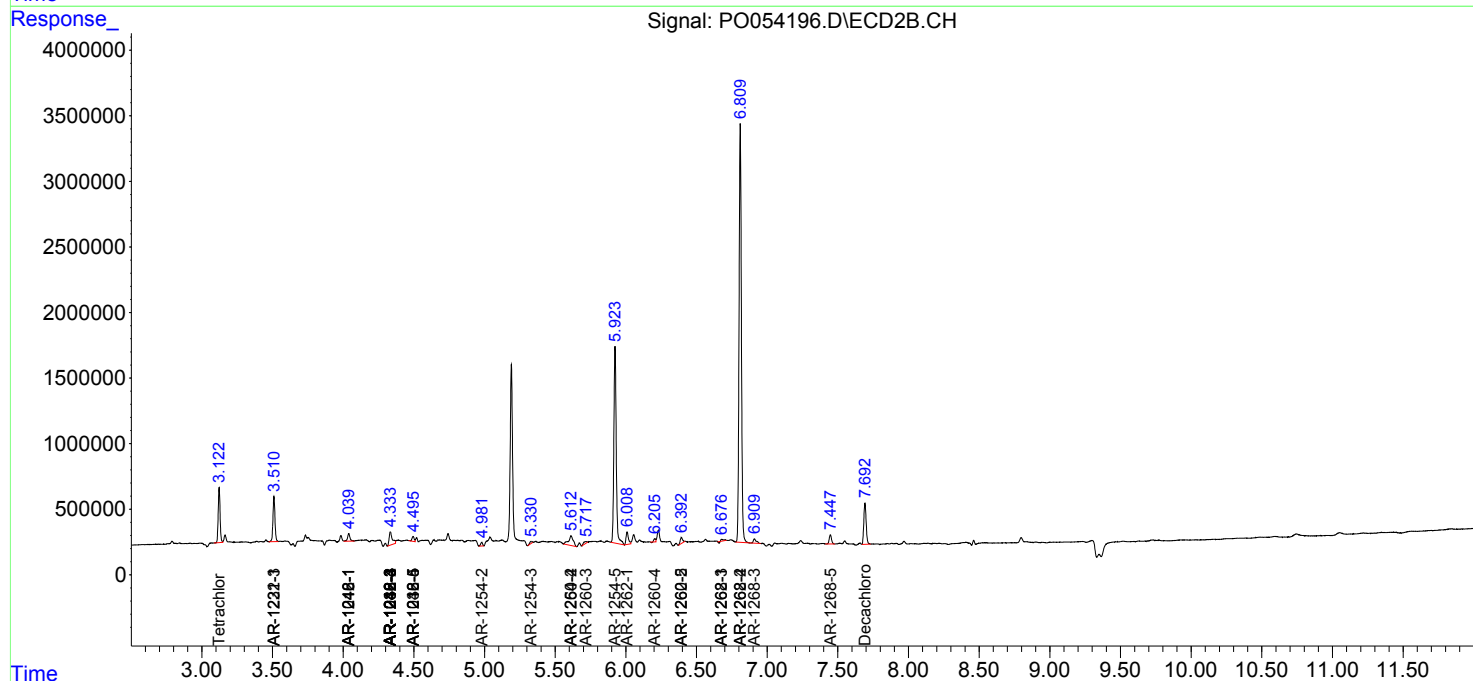
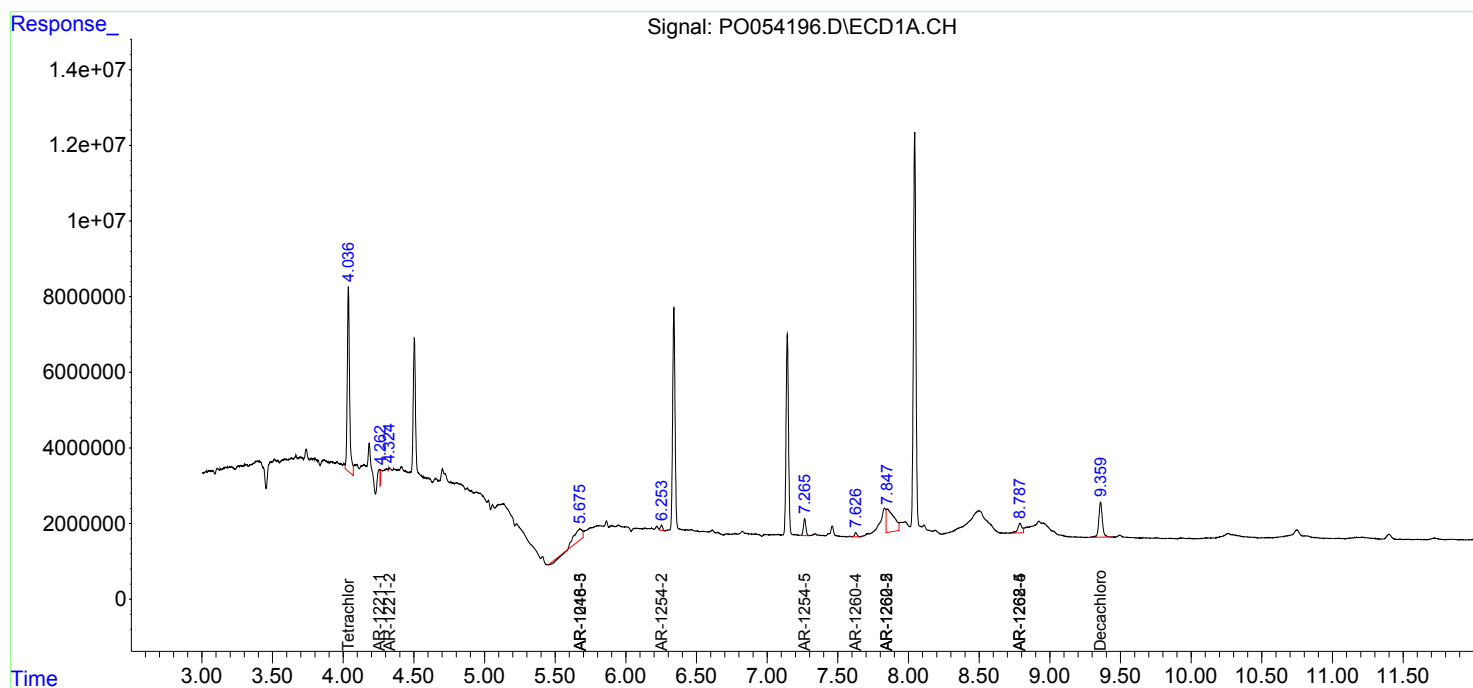
Instrument :  
ECD\_O  
ClientSampleId :  
PM-E

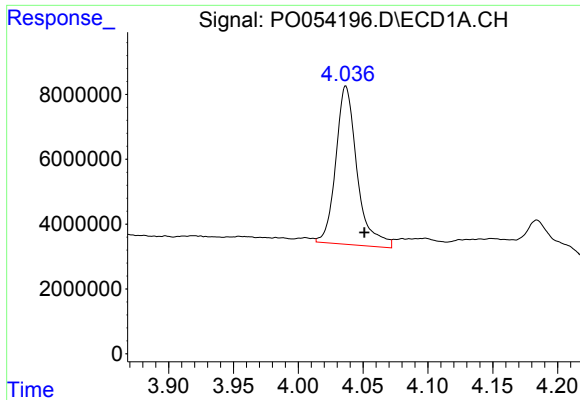
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030119\  
Data File : P0054196.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Mar 2019 20:33  
Operator : SM/SJ  
Sample : K1666-05  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 02 00:05:19 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0022619.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Feb 27 04:24:32 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

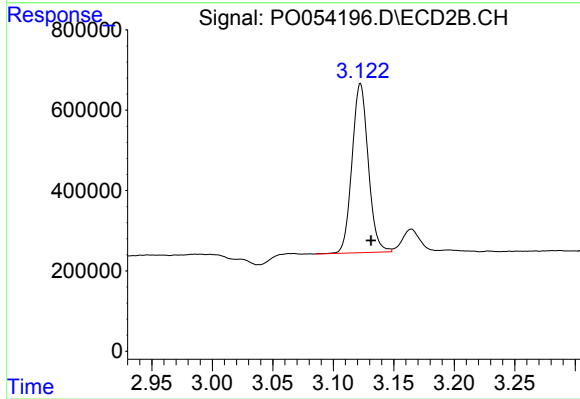




#1 Tetrachloro-m-xylene

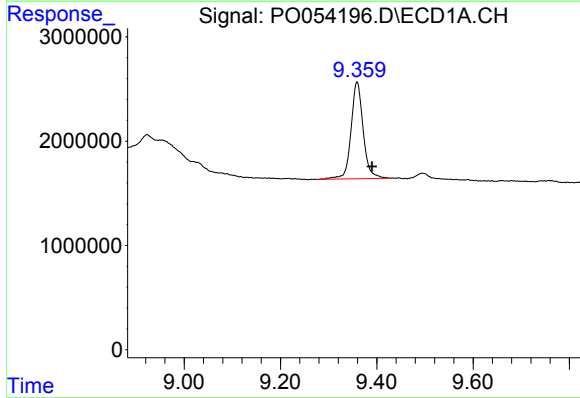
R.T.: 4.037 min  
Delta R.T.: -0.014 min  
Response: 55806365  
Conc: 26.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



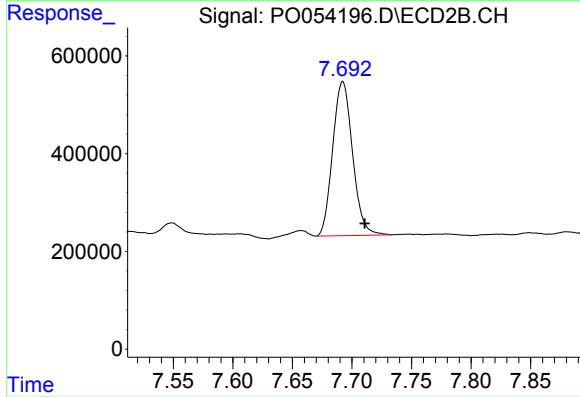
#1 Tetrachloro-m-xylene

R.T.: 3.123 min  
Delta R.T.: -0.009 min  
Response: 3922959  
Conc: 15.30 ng/ml



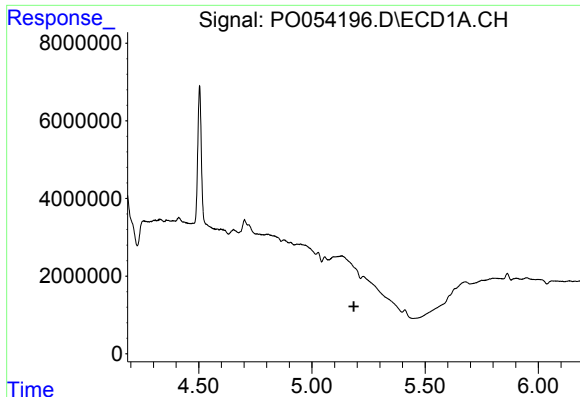
#2 Decachlorobiphenyl

R.T.: 9.359 min  
Delta R.T.: -0.031 min  
Response: 16252176  
Conc: 14.89 ng/ml



#2 Decachlorobiphenyl

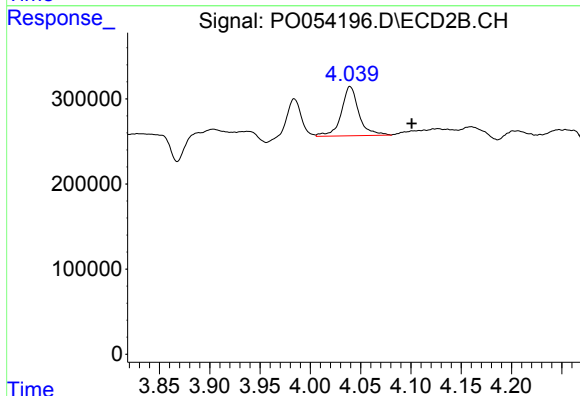
R.T.: 7.692 min  
Delta R.T.: -0.018 min  
Response: 3656890  
Conc: 13.76 ng/ml



#3 AR-1016-1

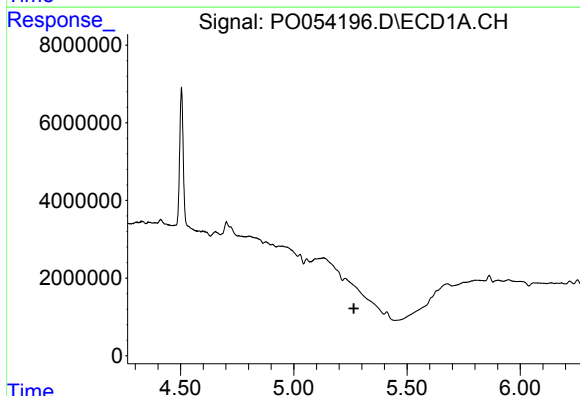
R.T.: 0.000 min  
Exp R.T.: 5.185 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



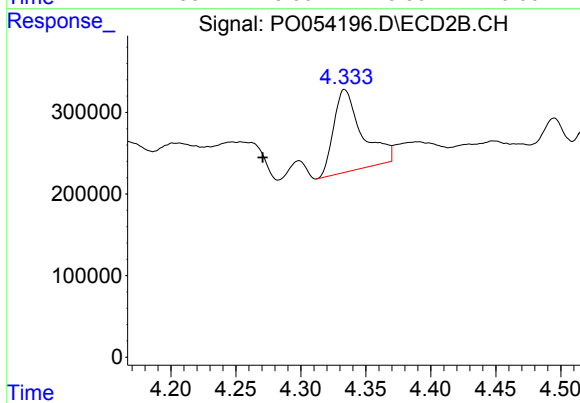
#3 AR-1016-1

R.T.: 4.039 min  
Delta R.T.: -0.061 min  
Response: 700050  
Conc: 69.38 ng/ml



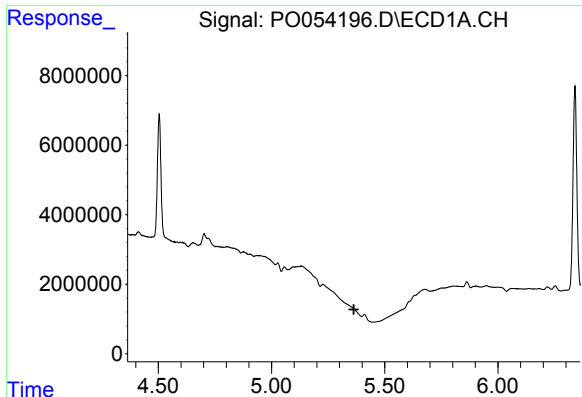
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.265 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

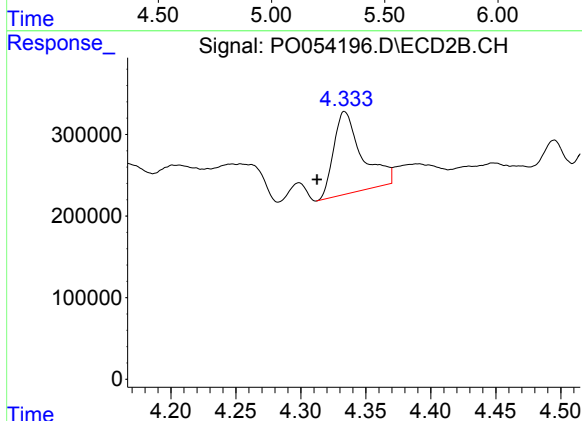
R.T.: 4.334 min  
Delta R.T.: 0.063 min  
Response: 1529823  
Conc: 179.69 ng/ml



#6 AR-1016-4

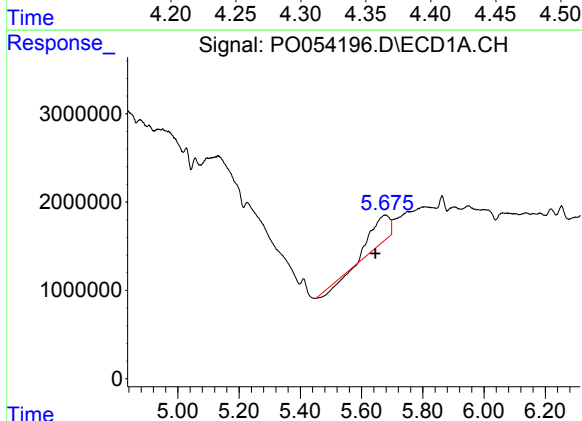
R.T.: 0.000 min  
Exp R.T.: 5.364 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



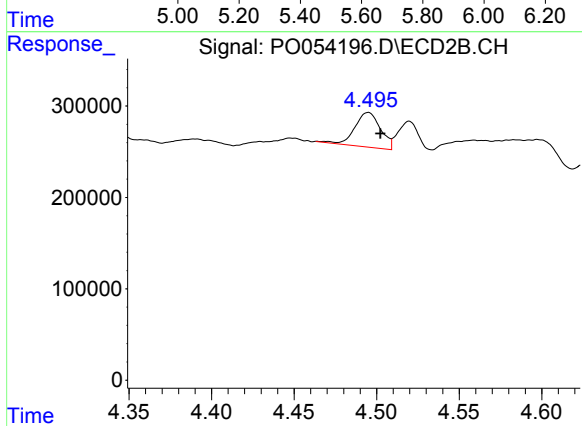
#6 AR-1016-4

R.T.: 4.334 min  
Delta R.T.: 0.021 min  
Response: 1529823  
Conc: 239.01 ng/ml



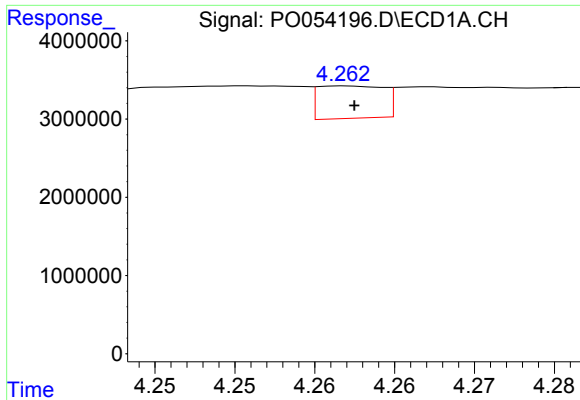
#7 AR-1016-5

R.T.: 5.679 min  
Delta R.T.: 0.034 min  
Response: 11001849  
Conc: 346.88 ng/ml



#7 AR-1016-5

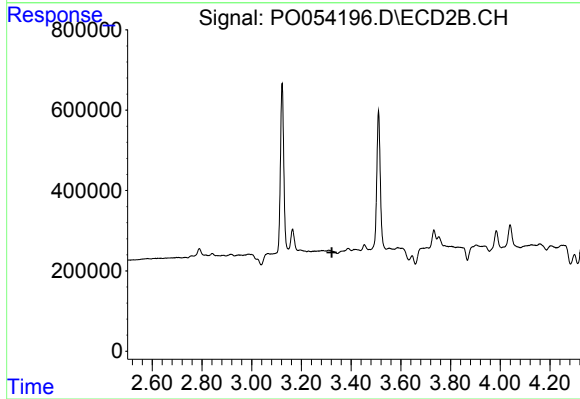
R.T.: 4.495 min  
Delta R.T.: -0.007 min  
Response: 410655  
Conc: 47.75 ng/ml



#8 AR-1221-1

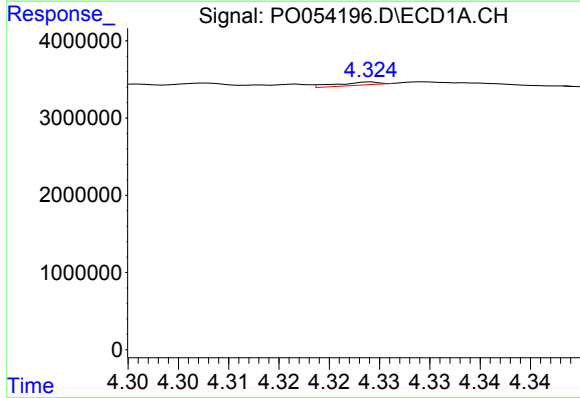
R.T.: 4.262 min  
Delta R.T.: 0.000 min  
Response: 1192418  
Conc: 38.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



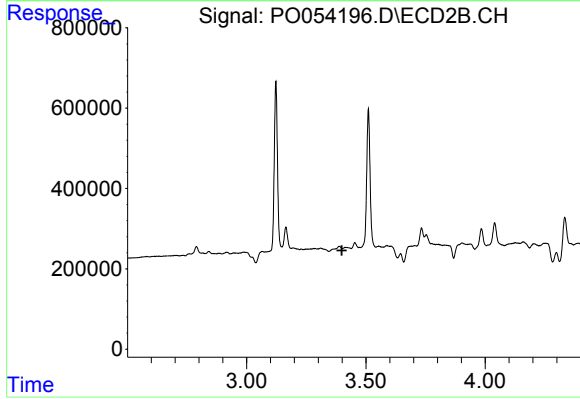
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.322 min  
Response: 0  
Conc: N.D.



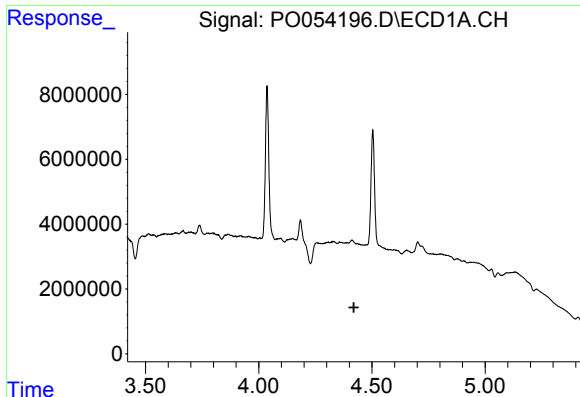
#9 AR-1221-2

R.T.: 4.324 min  
Delta R.T.: -0.022 min  
Response: 114736  
Conc: 5.44 ng/ml



#9 AR-1221-2

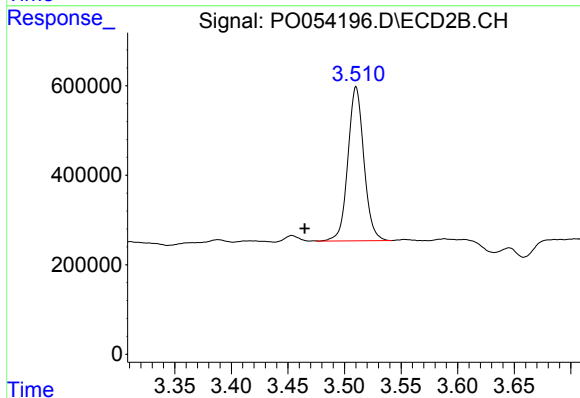
R.T.: 0.000 min  
Exp R.T. : 3.399 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

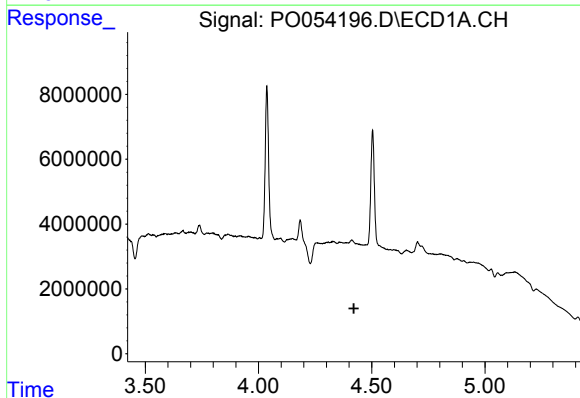
R.T.: 0.000 min  
Exp R.T.: 4.421 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



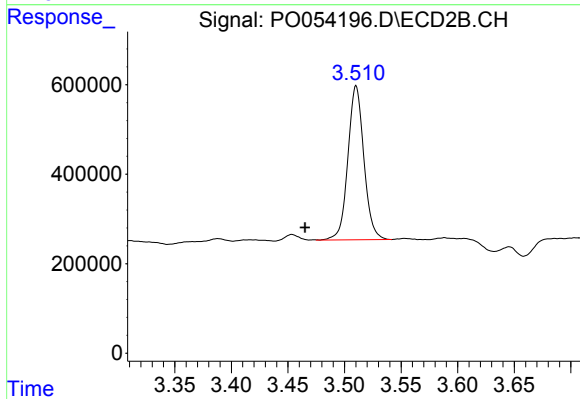
#10 AR-1221-3

R.T.: 3.510 min  
Delta R.T.: 0.045 min  
Response: 3385520  
Conc: 280.58 ng/ml



#11 AR-1232-1

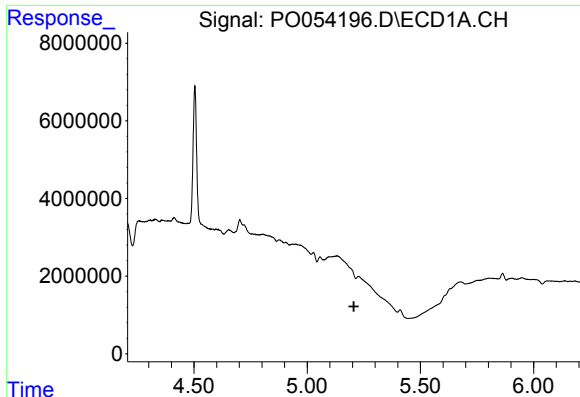
R.T.: 0.000 min  
Exp R.T.: 4.421 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

R.T.: 3.510 min  
Delta R.T.: 0.045 min  
Response: 3385520  
Conc: 658.60 ng/ml

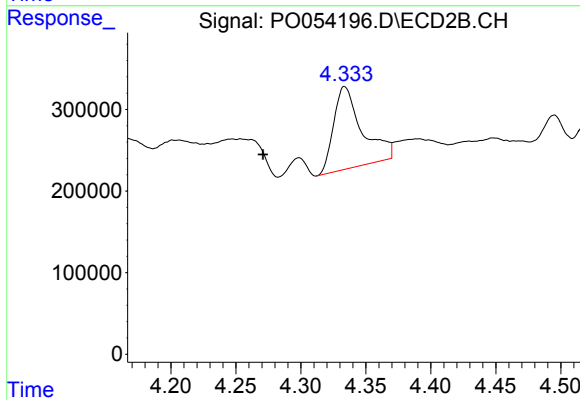




#13 AR-1232-3

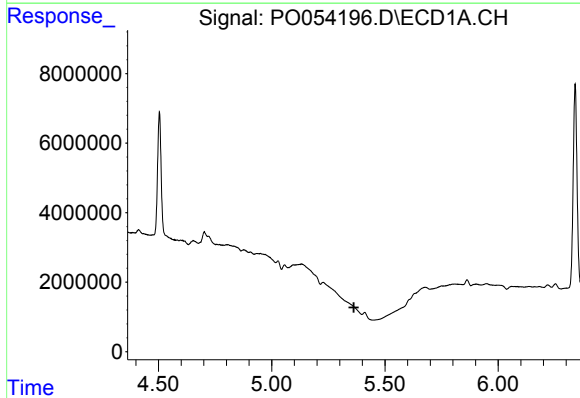
R.T.: 0.000 min  
Exp R.T.: 5.206 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



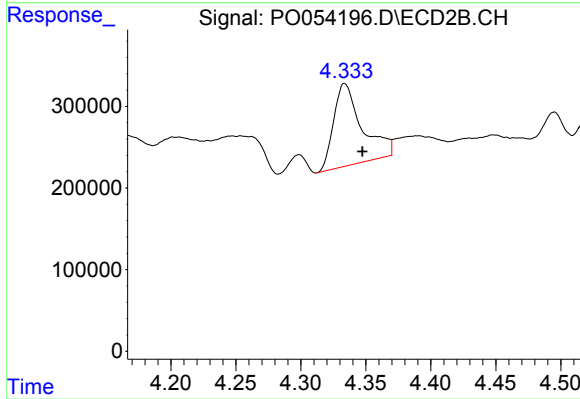
#13 AR-1232-3

R.T.: 4.334 min  
Delta R.T.: 0.063 min  
Response: 1529823  
Conc: 454.37 ng/ml



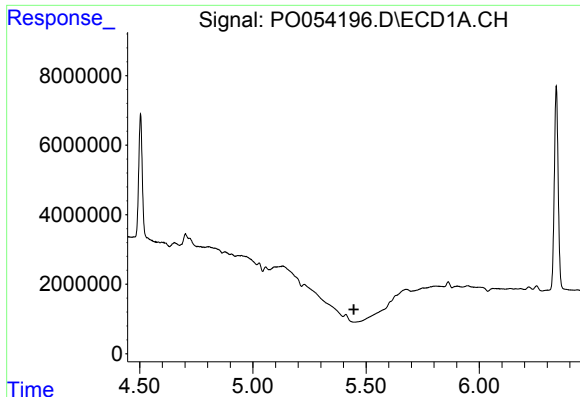
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.363 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

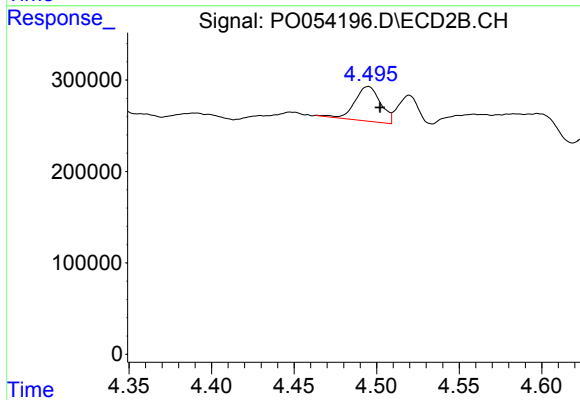
R.T.: 4.334 min  
Delta R.T.: -0.014 min  
Response: 1529823  
Conc: 562.64 ng/ml



#15 AR-1232-5

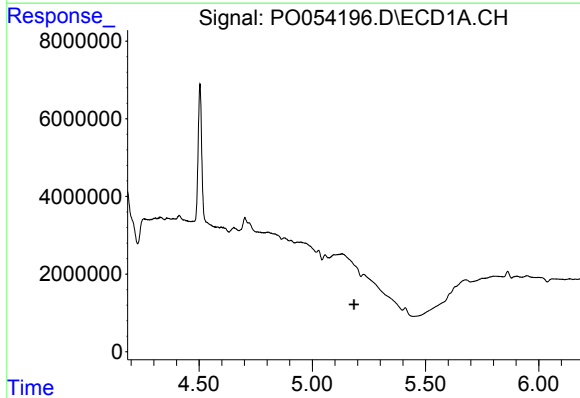
R.T.: 0.000 min  
Exp R.T.: 5.446 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



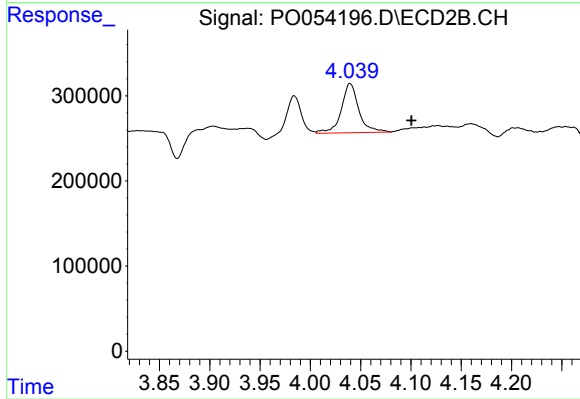
#15 AR-1232-5

R.T.: 4.495 min  
Delta R.T.: -0.007 min  
Response: 410655  
Conc: 125.82 ng/ml



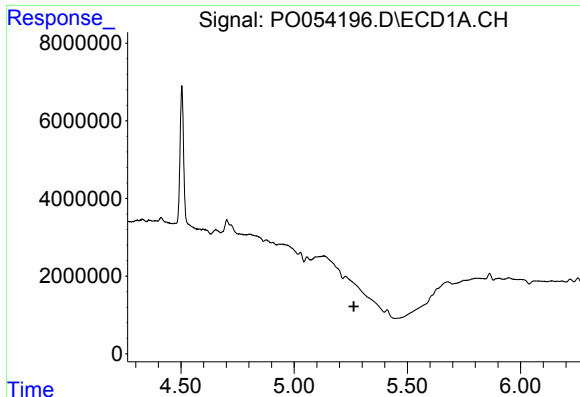
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.184 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

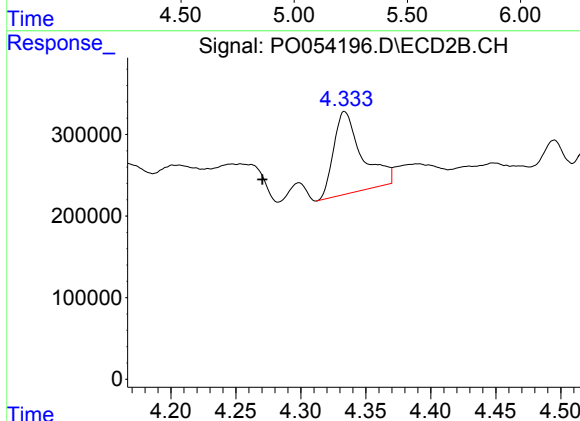
R.T.: 4.039 min  
Delta R.T.: -0.061 min  
Response: 700050  
Conc: 86.33 ng/ml



#18 AR-1242-3

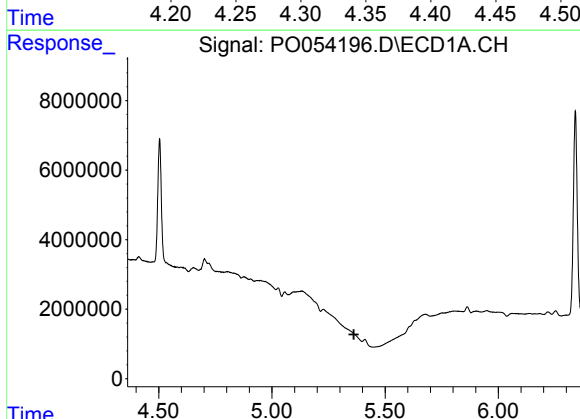
R.T.: 0.000 min  
Exp R.T.: 5.264 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



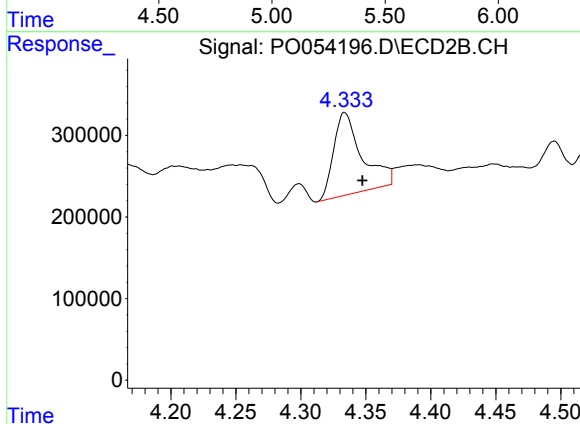
#18 AR-1242-3

R.T.: 4.334 min  
Delta R.T.: 0.063 min  
Response: 1529823  
Conc: 218.05 ng/ml



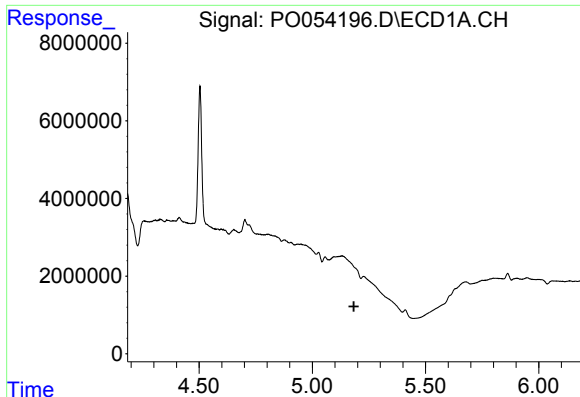
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.362 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

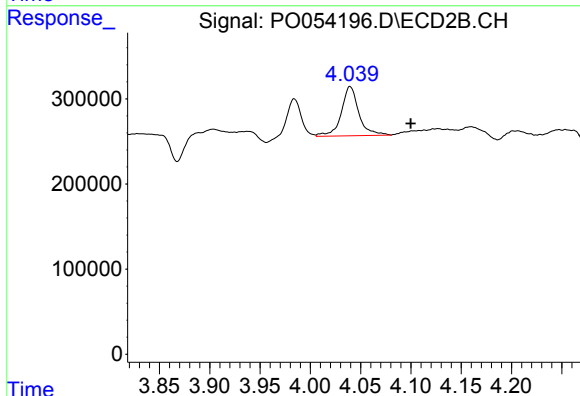
R.T.: 4.334 min  
Delta R.T.: -0.014 min  
Response: 1529823  
Conc: 236.58 ng/ml



#21 AR-1248-1

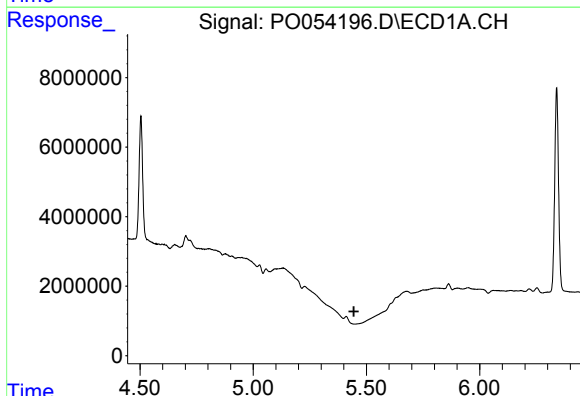
R.T.: 0.000 min  
Exp R.T.: 5.184 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



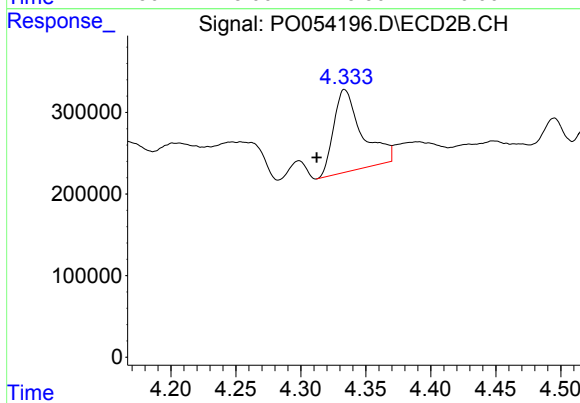
#21 AR-1248-1

R.T.: 4.039 min  
Delta R.T.: -0.060 min  
Response: 700050  
Conc: 106.55 ng/ml



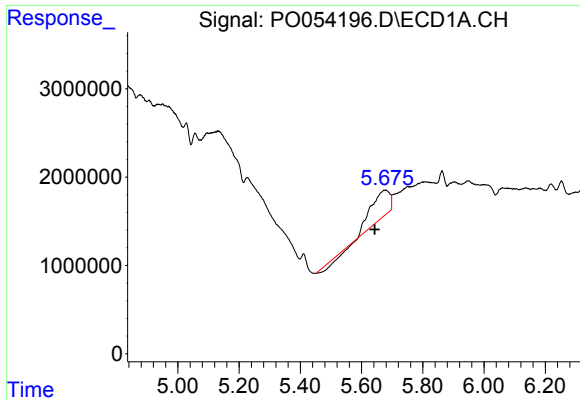
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.445 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

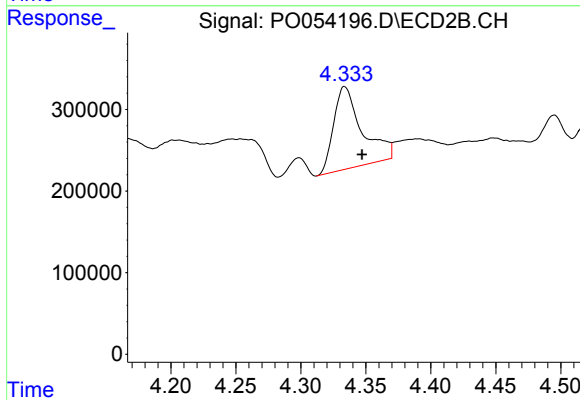
R.T.: 4.334 min  
Delta R.T.: 0.021 min  
Response: 1529823  
Conc: 168.90 ng/ml



#23 AR-1248-3

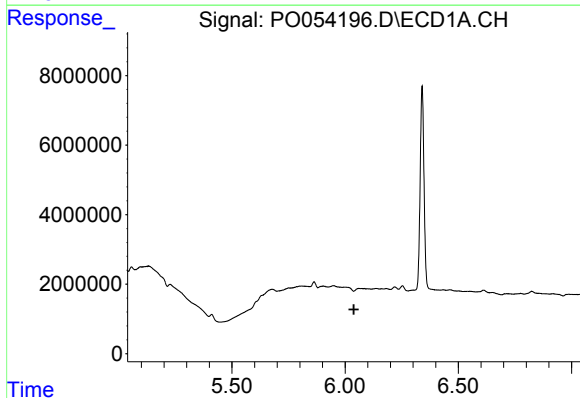
R.T.: 5.679 min  
Delta R.T.: 0.036 min  
Response: 11001849  
Conc: 248.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



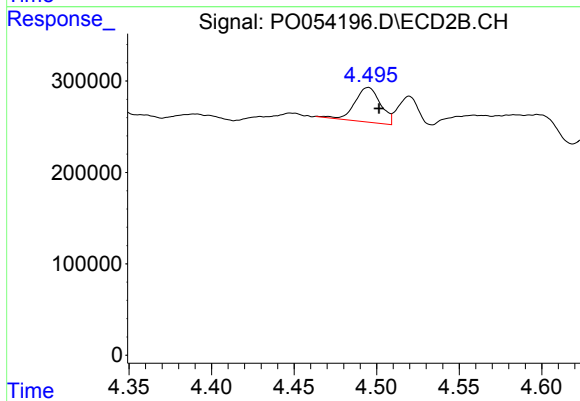
#23 AR-1248-3

R.T.: 4.334 min  
Delta R.T.: -0.014 min  
Response: 1529823  
Conc: 167.13 ng/ml



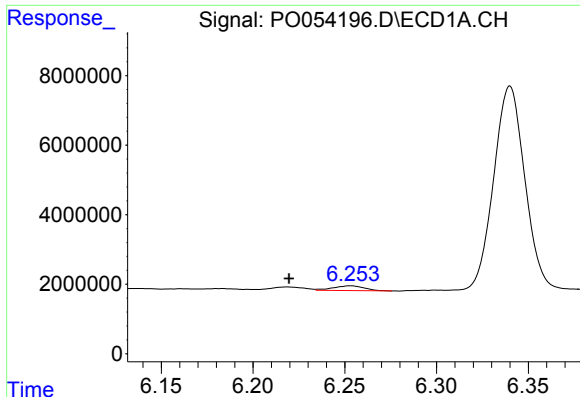
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.038 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

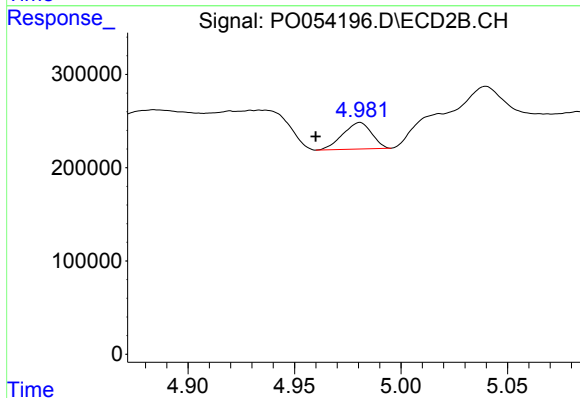
R.T.: 4.495 min  
Delta R.T.: -0.006 min  
Response: 410655  
Conc: 35.86 ng/ml



#27 AR-1254-2

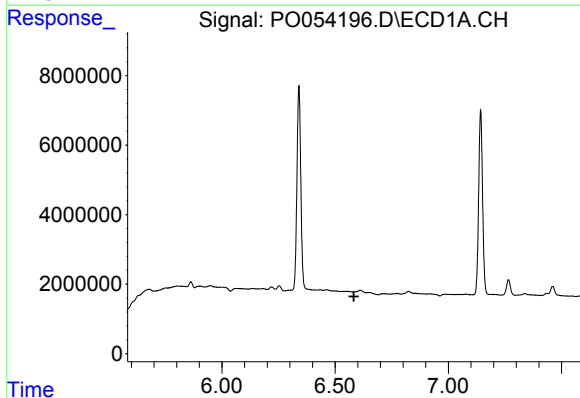
R.T.: 6.253 min  
Delta R.T.: 0.033 min  
Response: 1606466  
Conc: 24.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



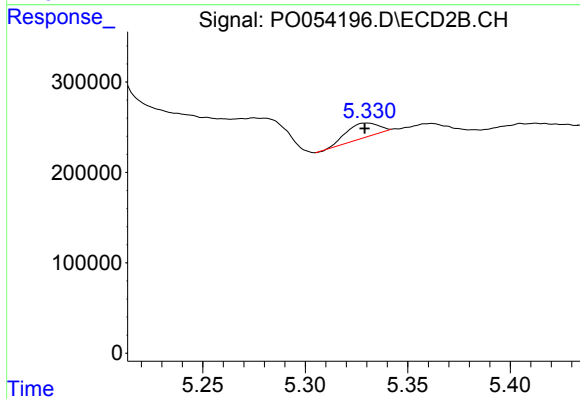
#27 AR-1254-2

R.T.: 4.981 min  
Delta R.T.: 0.021 min  
Response: 267977  
Conc: 20.27 ng/ml



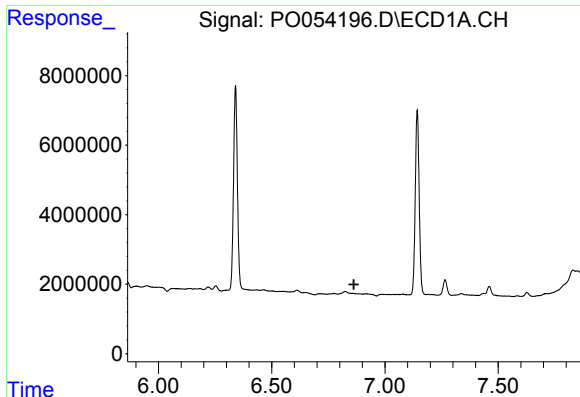
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.582 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

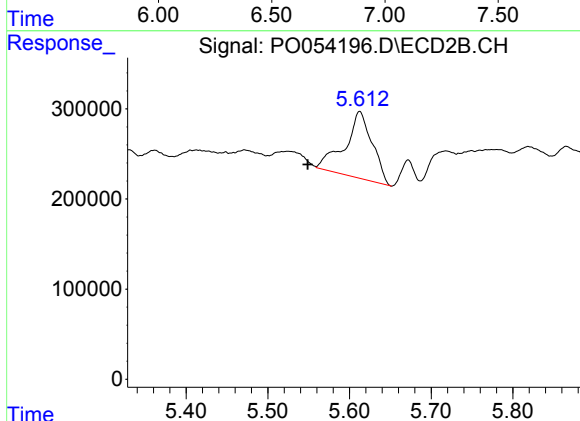
R.T.: 5.330 min  
Delta R.T.: 0.001 min  
Response: 172414  
Conc: 8.09 ng/ml



#29 AR-1254-4

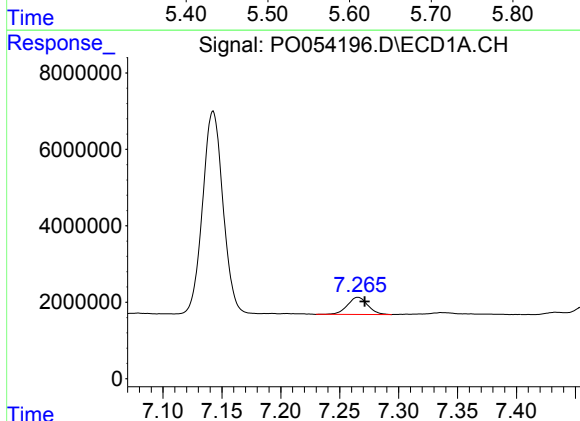
R.T.: 0.000 min  
Exp R.T.: 6.863 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



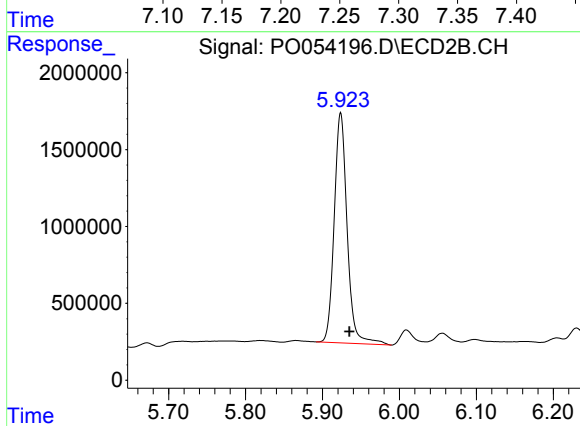
#29 AR-1254-4

R.T.: 5.612 min  
Delta R.T.: 0.064 min  
Response: 1733101  
Conc: 123.57 ng/ml



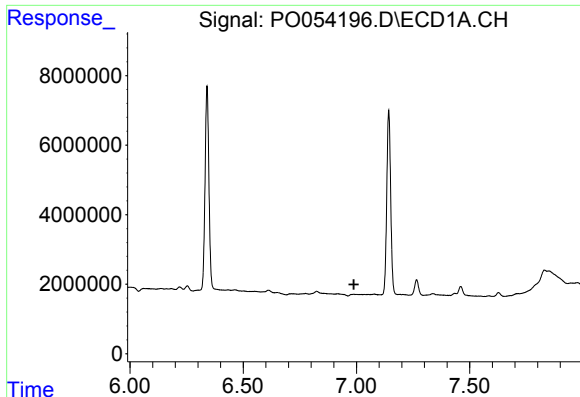
#30 AR-1254-5

R.T.: 7.266 min  
Delta R.T.: -0.006 min  
Response: 5391085  
Conc: 105.95 ng/ml



#30 AR-1254-5

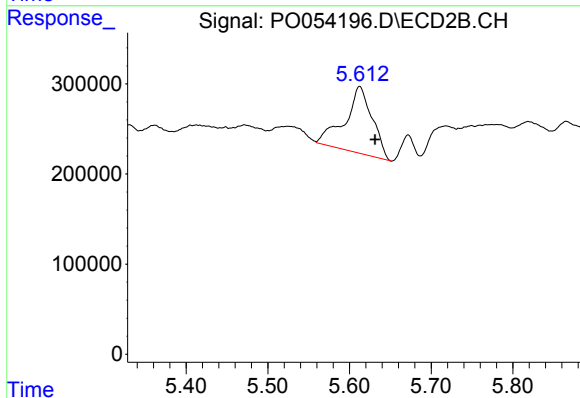
R.T.: 5.924 min  
Delta R.T.: -0.011 min  
Response: 17500516  
Conc: 976.31 ng/ml



#32 AR-1260-2

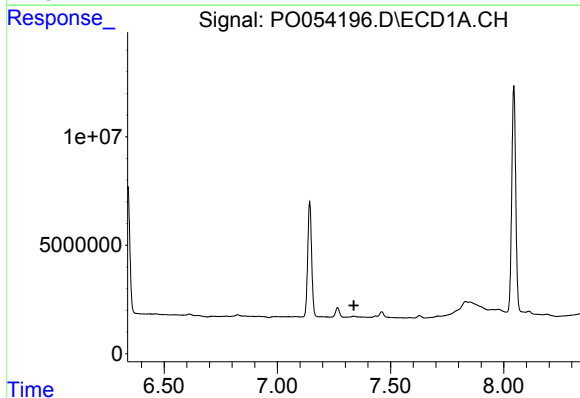
R.T.: 0.000 min  
Exp R.T.: 6.989 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



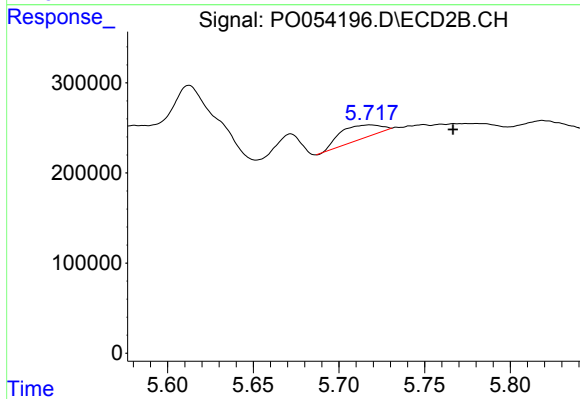
#32 AR-1260-2

R.T.: 5.612 min  
Delta R.T.: -0.019 min  
Response: 1733101  
Conc: 82.89 ng/ml



#33 AR-1260-3

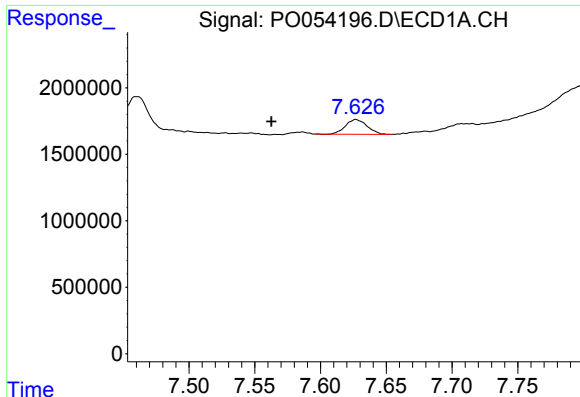
R.T.: 0.000 min  
Exp R.T.: 7.338 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

R.T.: 5.718 min  
Delta R.T.: -0.048 min  
Response: 249659  
Conc: 13.06 ng/ml

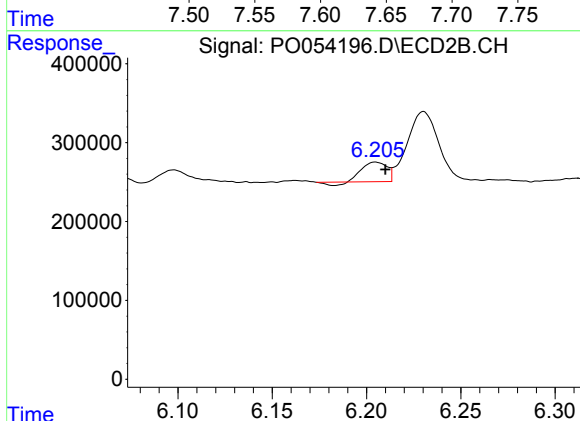




#34 AR-1260-4

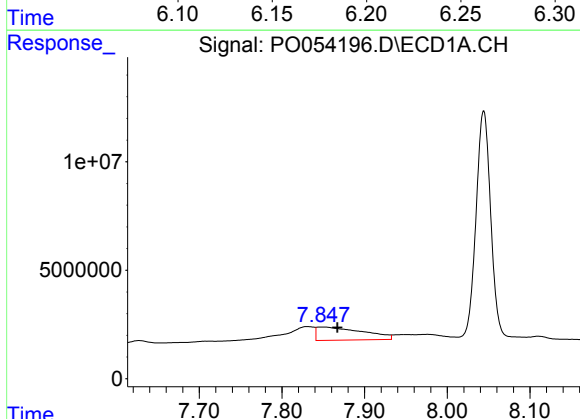
R.T.: 7.627 min  
Delta R.T.: 0.064 min  
Response: 1264237  
Conc: 26.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



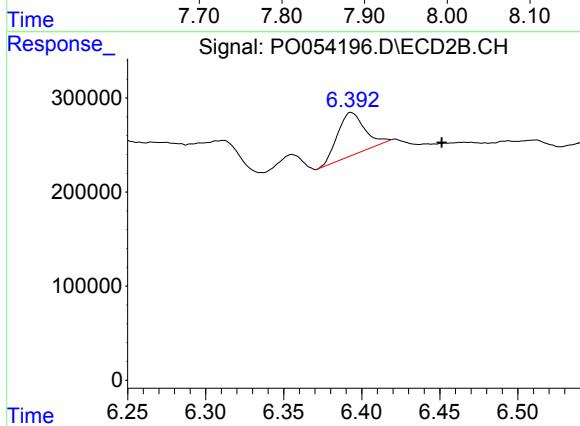
#34 AR-1260-4

R.T.: 6.205 min  
Delta R.T.: -0.005 min  
Response: 215079  
Conc: 17.60 ng/ml



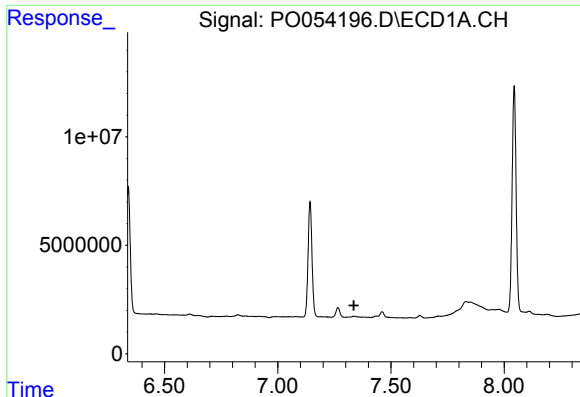
#35 AR-1260-5

R.T.: 7.848 min  
Delta R.T.: -0.020 min  
Response: 23571988  
Conc: 233.47 ng/ml



#35 AR-1260-5

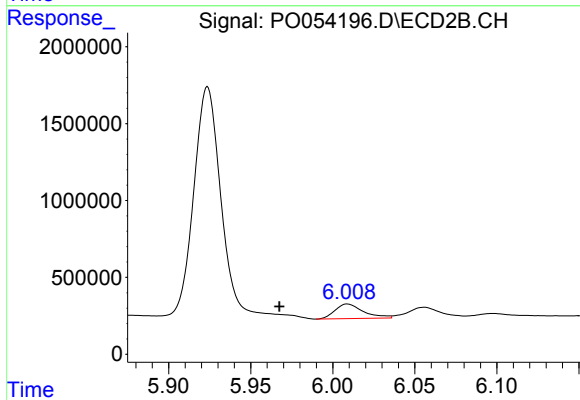
R.T.: 6.393 min  
Delta R.T.: -0.058 min  
Response: 547966  
Conc: 18.58 ng/ml



#36 AR-1262-1

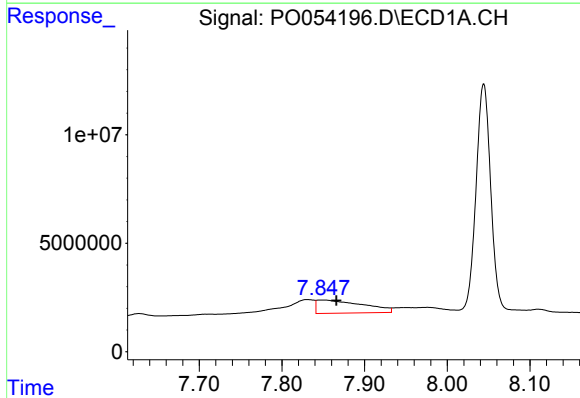
R.T.: 0.000 min  
Exp R.T.: 7.336 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



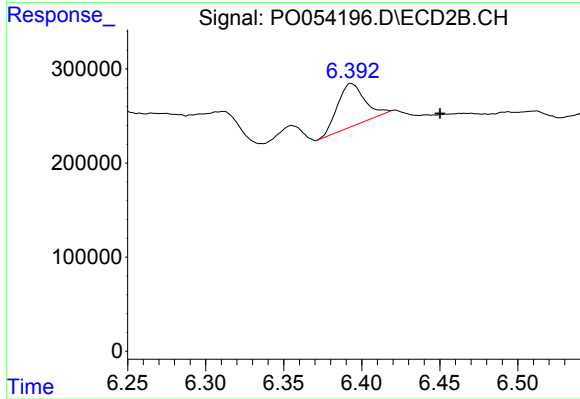
#36 AR-1262-1

R.T.: 6.009 min  
Delta R.T.: 0.041 min  
Response: 1140463  
Conc: 51.66 ng/ml



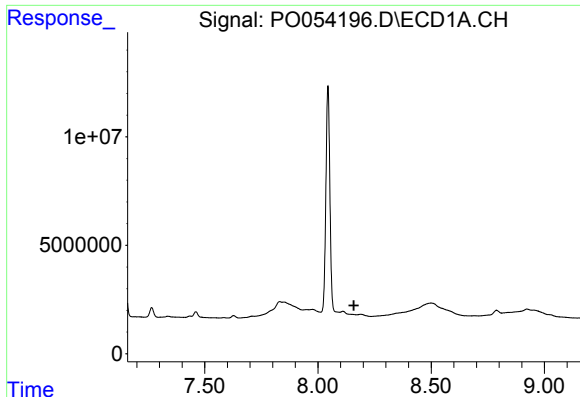
#37 AR-1262-2

R.T.: 7.848 min  
Delta R.T.: -0.018 min  
Response: 23571988  
Conc: 170.18 ng/ml



#37 AR-1262-2

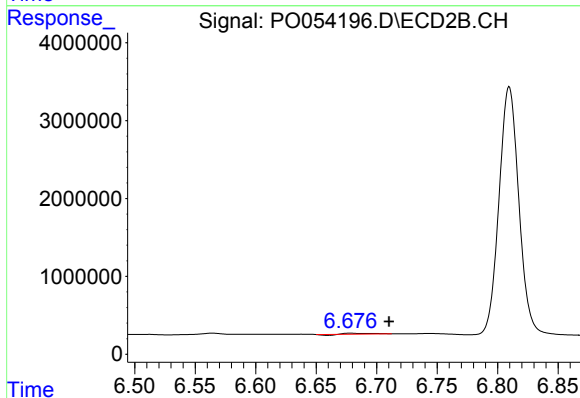
R.T.: 6.393 min  
Delta R.T.: -0.057 min  
Response: 547966  
Conc: 14.88 ng/ml



#38 AR-1262-3

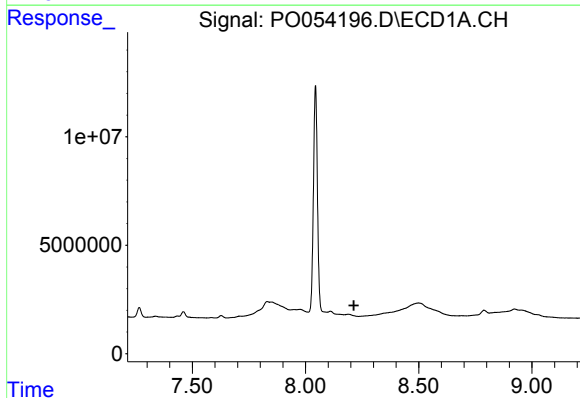
R.T.: 0.000 min  
Exp R.T.: 8.159 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



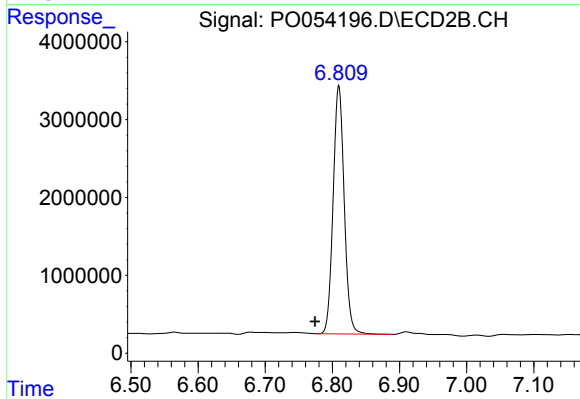
#38 AR-1262-3

R.T.: 6.678 min  
Delta R.T.: -0.033 min  
Response: 127701  
Conc: 8.79 ng/ml



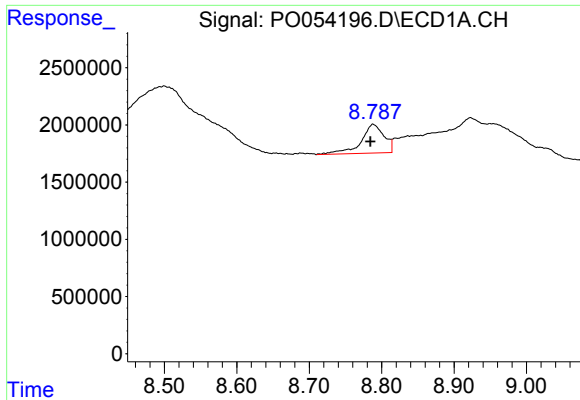
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.214 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

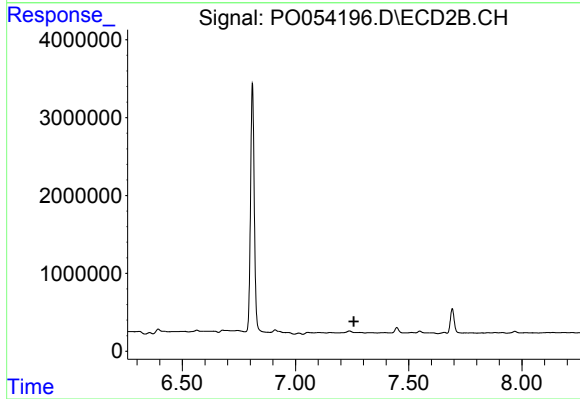
R.T.: 6.810 min  
Delta R.T.: 0.035 min  
Response: 36522200  
Conc: 1360.13 ng/ml



#40 AR-1262-5

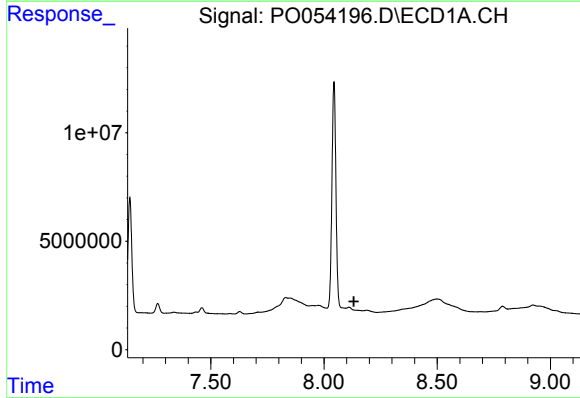
R.T.: 8.788 min  
Delta R.T.: 0.003 min  
Response: 5585037  
Conc: 115.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



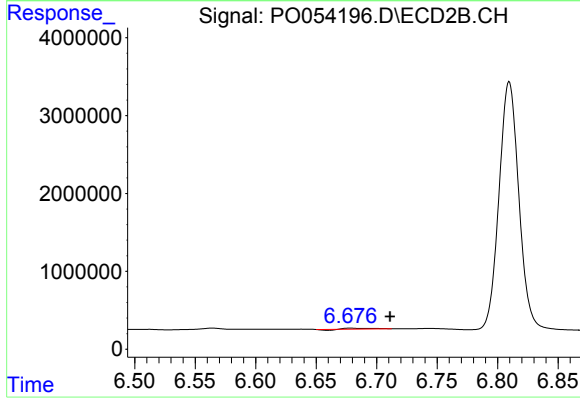
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.258 min  
Response: 0  
Conc: N.D.



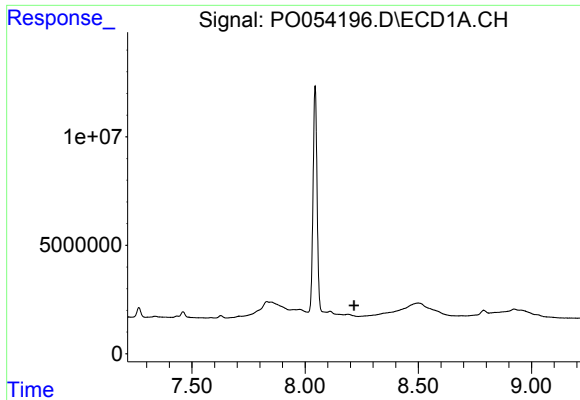
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.132 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

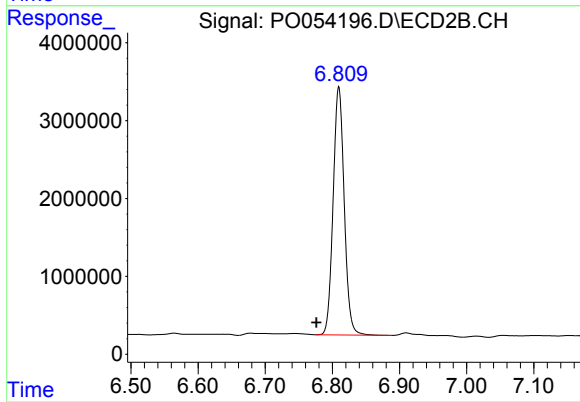
R.T.: 6.678 min  
Delta R.T.: -0.033 min  
Response: 127701  
Conc: 3.28 ng/ml



#42 AR-1268-2

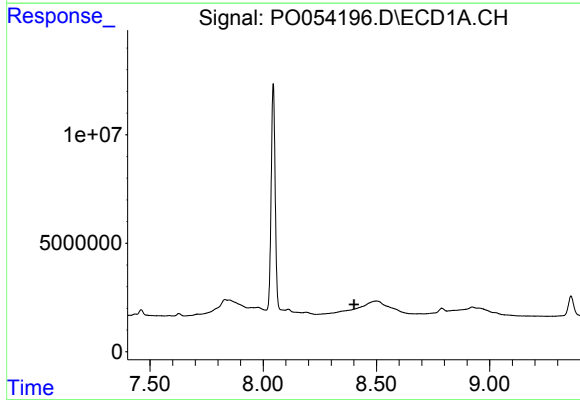
R.T.: 0.000 min  
Exp R.T.: 8.216 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



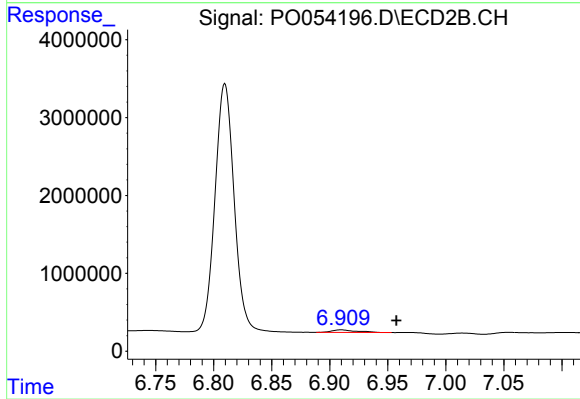
#42 AR-1268-2

R.T.: 6.810 min  
Delta R.T.: 0.034 min  
Response: 36522200  
Conc: 999.05 ng/ml



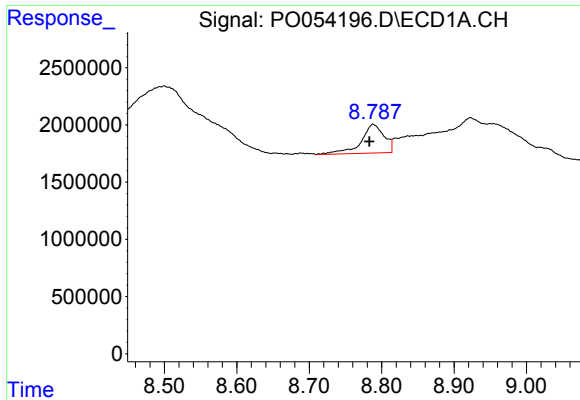
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 8.401 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

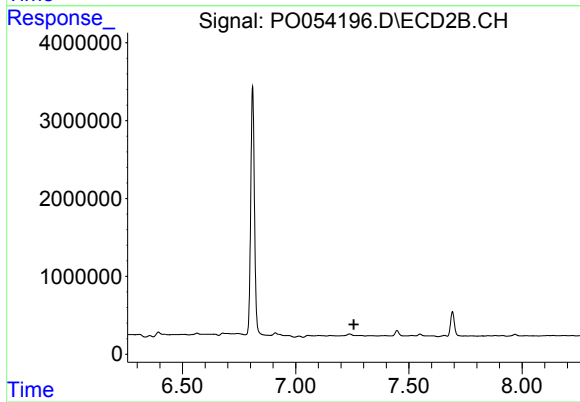
R.T.: 6.910 min  
Delta R.T.: -0.048 min  
Response: 484173  
Conc: 15.71 ng/ml



#44 AR-1268-4

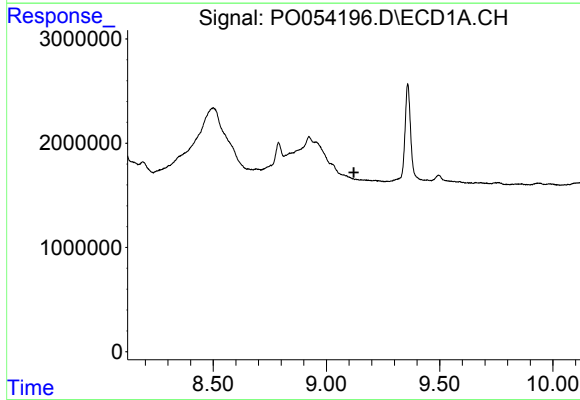
R.T.: 8.788 min  
Delta R.T.: 0.004 min  
Response: 5585037  
Conc: 111.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PM-E



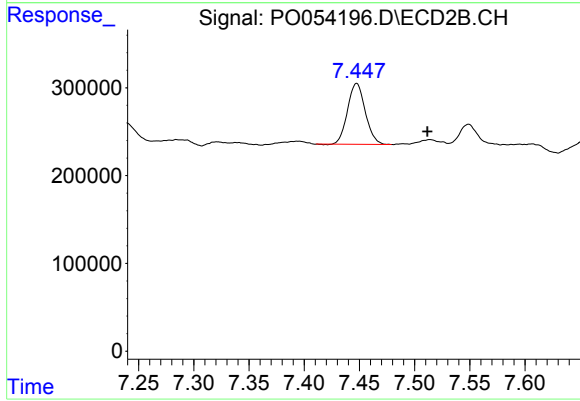
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.257 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.121 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 7.447 min  
Delta R.T.: -0.064 min  
Response: 775174  
Conc: 8.53 ng/ml