

Data Path : P:\HPCHEM1\ECD\_0\Data\P0021218\  
 Data File : P0042333.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Feb 2018 12:23  
 Operator : SM/UA  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 09 12:58:32 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\P0021218.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Feb 09 12:58:13 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 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...          | 4.109 | 3.356 | 921356  | 1406150 | 5.050   | 5.053     |
| 2) SA Decachlor...          | 9.495 | 8.145 | 1096075 | 1492706 | 5.522   | 5.185     |
| Target Compounds            |       |       |         |         |         |           |
| 4) L1 AR-1016-2             | 0.000 | 4.614 | 0       | 483939  | N.D.    | 61.678 #  |
| 5) L1 AR-1016-3             | 0.000 | 4.652 | 0       | 115174  | N.D.    | 11.865 #  |
| 6) L1 AR-1016-4             | 0.000 | 4.817 | 0       | 243631  | N.D.    | 23.277 #  |
| 7) L1 AR-1016-5             | 0.000 | 5.155 | 0       | 1081426 | N.D.    | 104.734 # |
| 14) L3 AR-1232-4            | 0.000 | 4.614 | 0       | 483939  | N.D.    | 136.465 # |
| 15) L3 AR-1232-5            | 0.000 | 4.614 | 0       | 483939  | N.D.    | 182.646 # |
| 18) L4 AR-1242-3            | 0.000 | 4.614 | 0       | 483939  | N.D.    | 88.053 #  |
| 19) L4 AR-1242-4            | 0.000 | 4.652 | 0       | 115174  | N.D.    | 20.481 #  |
| 20) L4 AR-1242-5            | 0.000 | 4.817 | 0       | 243631  | N.D.    | 40.808 #  |
| 21) L5 AR-1248-1            | 0.000 | 4.817 | 0       | 243631  | N.D.    | 20.807 #  |
| 23) L5 AR-1248-3            | 6.064 | 5.155 | 284148  | 1081426 | 32.250  | 60.772 #  |
| 24) L5 AR-1248-4            | 0.000 | 5.244 | 0       | 197786  | N.D.    | 13.977 #  |
| 25) L5 AR-1248-5            | 6.277 | 5.686 | 778816  | 1418693 | 135.456 | 162.245   |
| 26) L6 AR-1254-1            | 6.277 | 5.155 | 778816  | 1081426 | 55.086  | 53.607    |
| 27) L6 AR-1254-2            | 6.550 | 5.298 | 363253  | 950829  | 43.171  | 52.914    |
| 28) L6 AR-1254-3            | 6.634 | 5.686 | 860659  | 1418693 | 55.506  | 49.456    |
| 29) L6 AR-1254-4            | 6.913 | 5.910 | 730275  | 1327170 | 56.119  | 65.447    |
| 30) L6 AR-1254-5            | 7.178 | 6.214 | 472586  | 735979  | 52.323  | 56.999    |
| 31) L7 AR-1260-1            | 0.000 | 5.812 | 0       | 796002  | N.D.    | 35.633 #  |
| 32) L7 AR-1260-2            | 7.047 | 5.998 | 335392  | 892502  | 20.488  | 29.341 #  |
| 33) L7 AR-1260-3            | 7.324 | 6.142 | 562095  | 773464  | 30.531  | 30.347    |
| 34) L7 AR-1260-4            | 0.000 | 6.315 | 0       | 1337924 | N.D.    | 45.325 #  |
| 35) L7 AR-1260-5            | 0.000 | 6.844 | 0       | 151295  | N.D.    | 2.894 #   |
| -----                       |       |       |         |         |         |           |

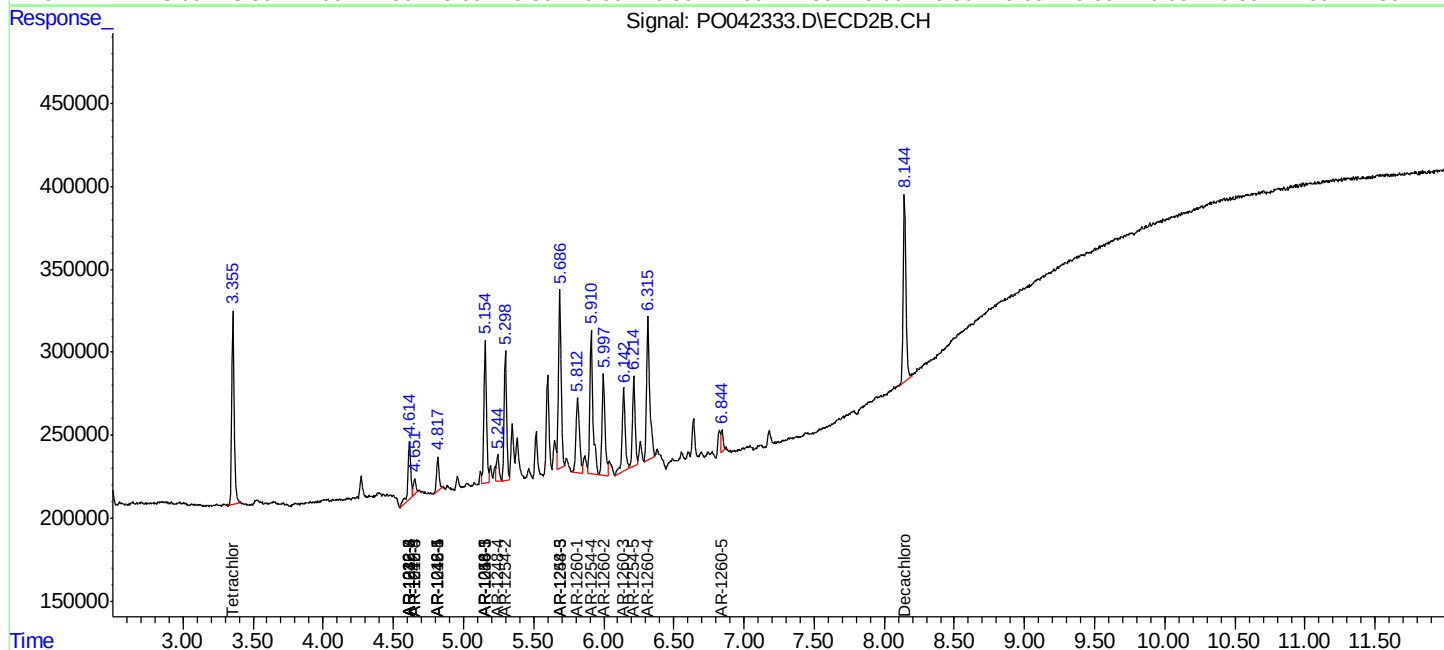
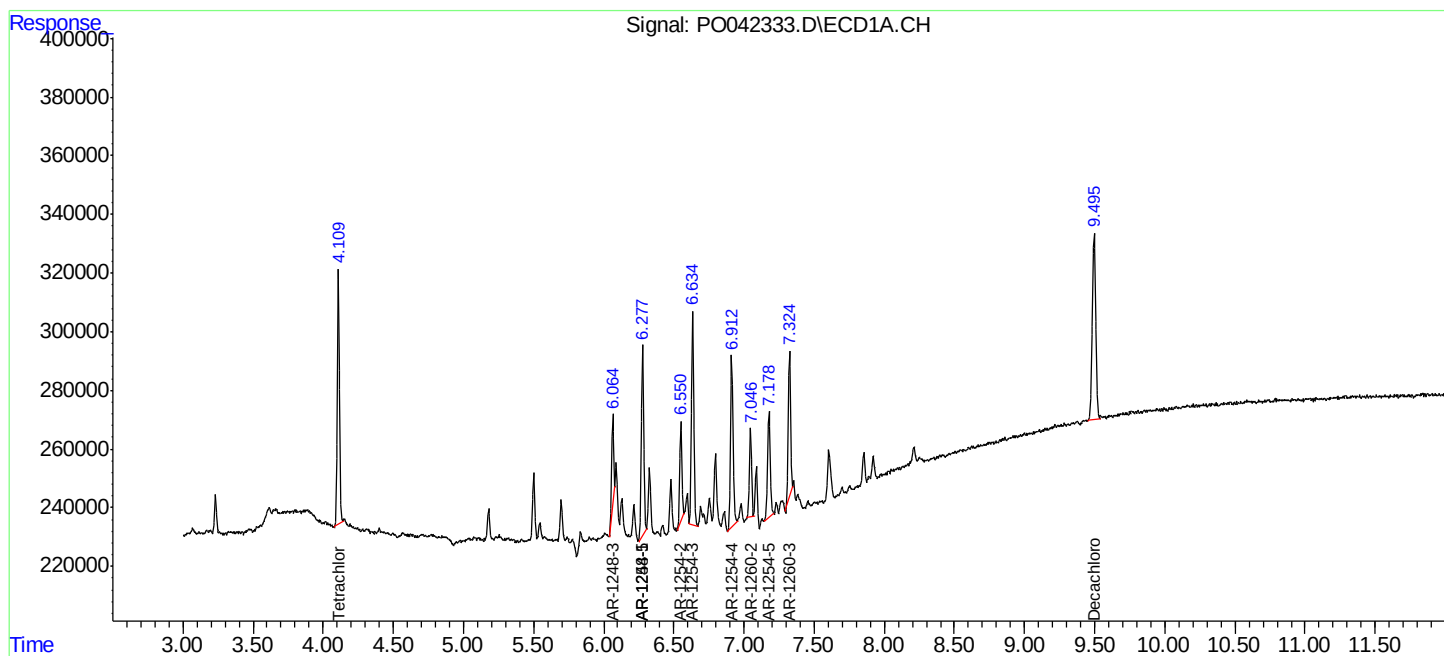
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

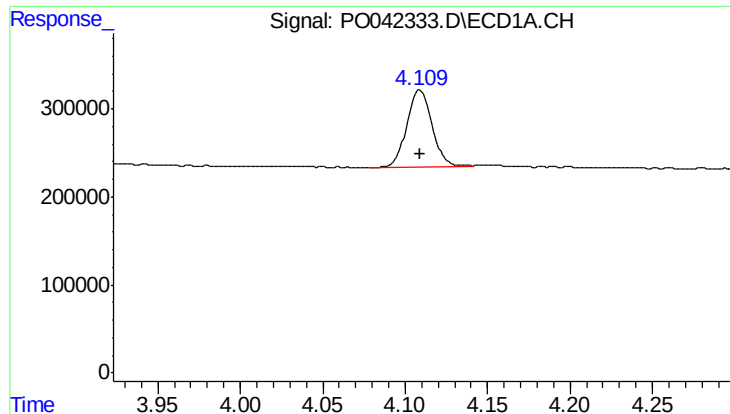
Data Path : P:\HPCHEM1\ECD\_0\Data\P0021218\  
Data File : P0042333.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 Feb 2018 12:23  
Operator : SM/UA  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 09 12:58:32 2018  
Quant Method : P:\HPCHEM1\ECD\_0\P0021218.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Feb 09 12:58:13 2018  
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

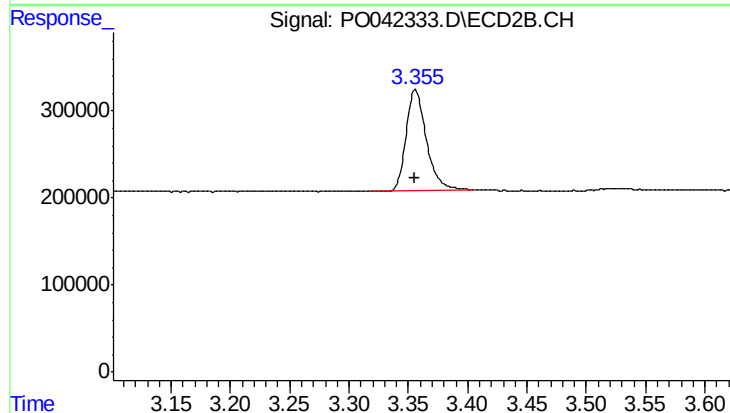




#1 Tetrachloro-m-xylene

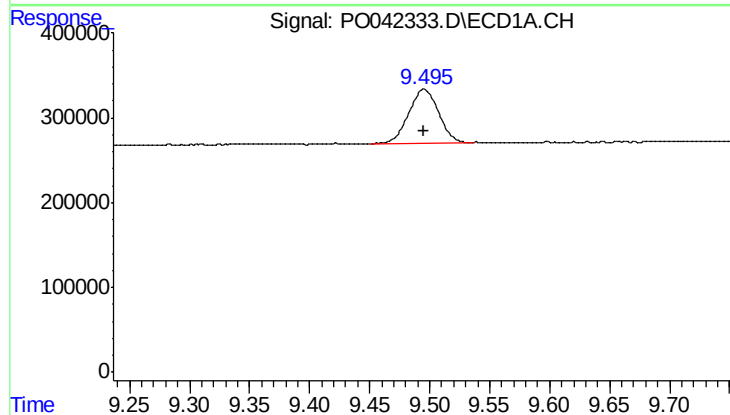
R.T.: 4.109 min  
Delta R.T.: 0.000 min  
Response: 921356  
Conc: 5.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



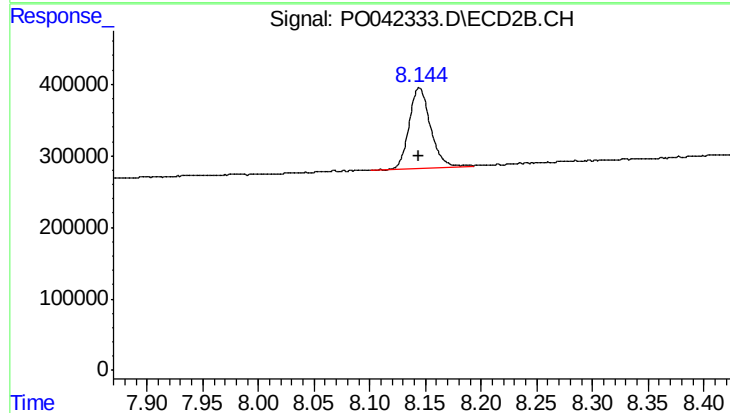
#1 Tetrachloro-m-xylene

R.T.: 3.356 min  
Delta R.T.: 0.000 min  
Response: 1406150  
Conc: 5.05 ng/ml



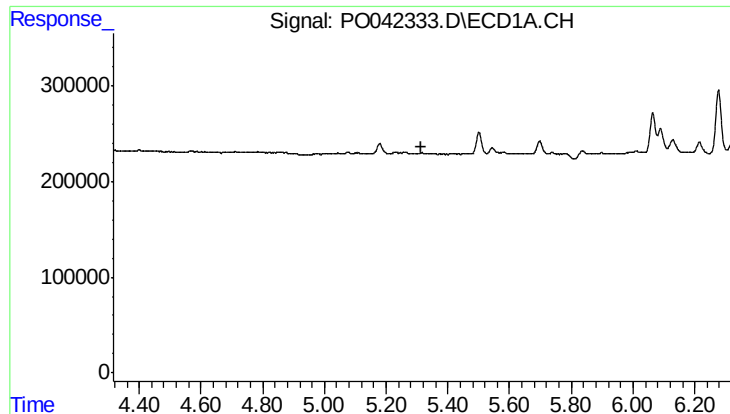
#2 Decachlorobiphenyl

R.T.: 9.495 min  
Delta R.T.: 0.000 min  
Response: 1096075  
Conc: 5.52 ng/ml



#2 Decachlorobiphenyl

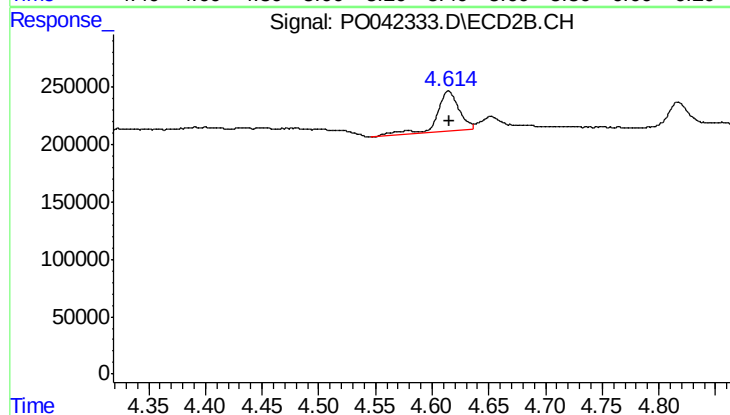
R.T.: 8.145 min  
Delta R.T.: 0.000 min  
Response: 1492706  
Conc: 5.19 ng/ml



#4 AR-1016-2

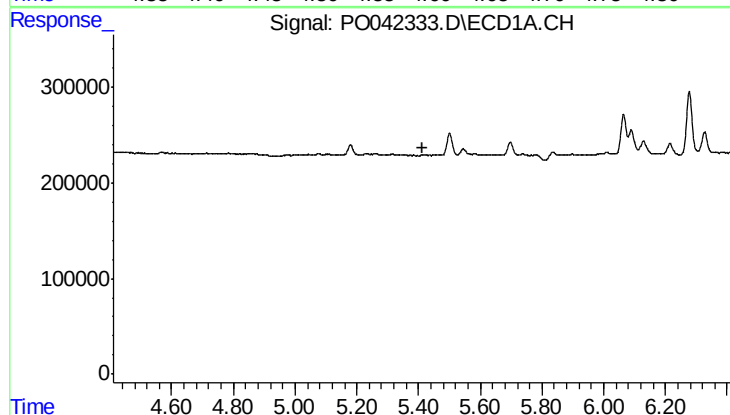
R.T.: 0.000 min  
Exp R.T.: 5.316 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



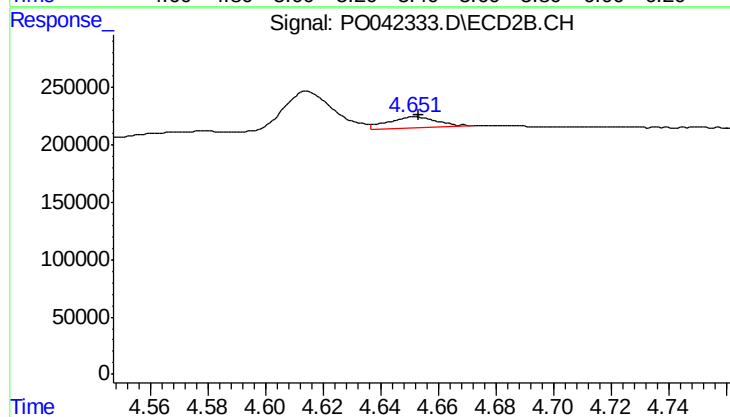
#4 AR-1016-2

R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 483939  
Conc: 61.68 ng/ml



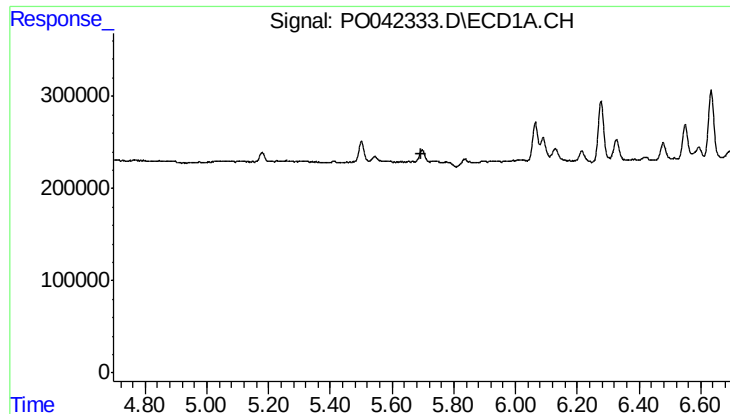
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.411 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

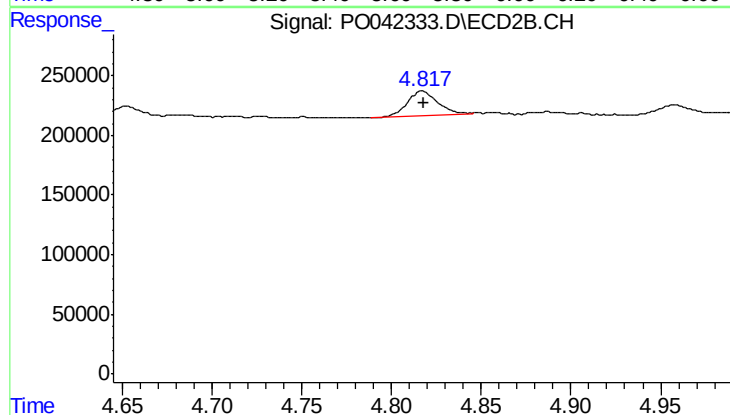
R.T.: 4.652 min  
Delta R.T.: -0.002 min  
Response: 115174  
Conc: 11.87 ng/ml



#6 AR-1016-4

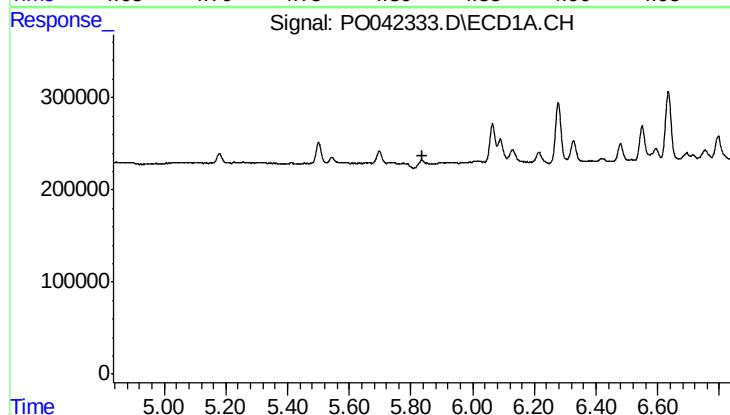
R.T.: 0.000 min  
Exp R.T.: 5.697 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



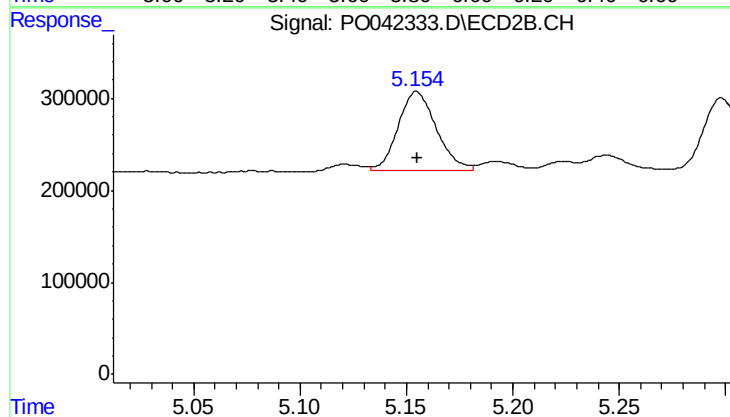
#6 AR-1016-4

R.T.: 4.817 min  
Delta R.T.: 0.000 min  
Response: 243631  
Conc: 23.28 ng/ml



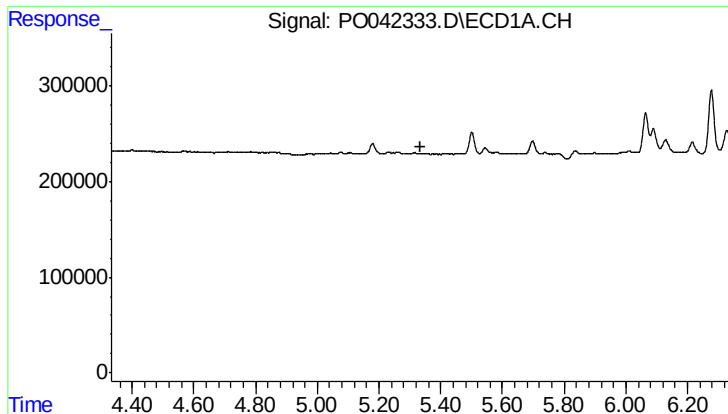
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 5.836 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

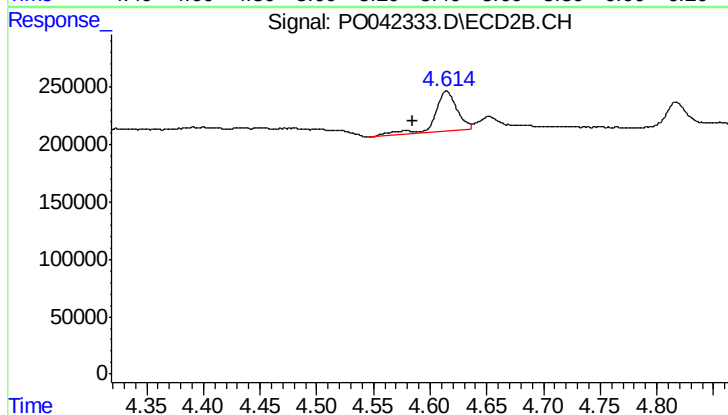
R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 1081426  
Conc: 104.73 ng/ml



#14 AR-1232-4

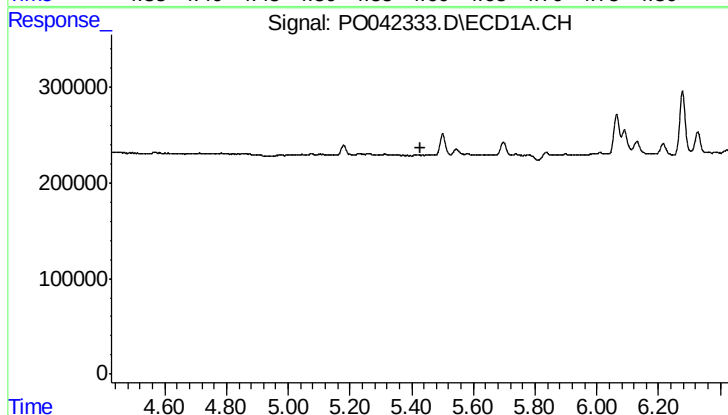
R.T.: 0.000 min  
Exp R.T.: 5.333 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



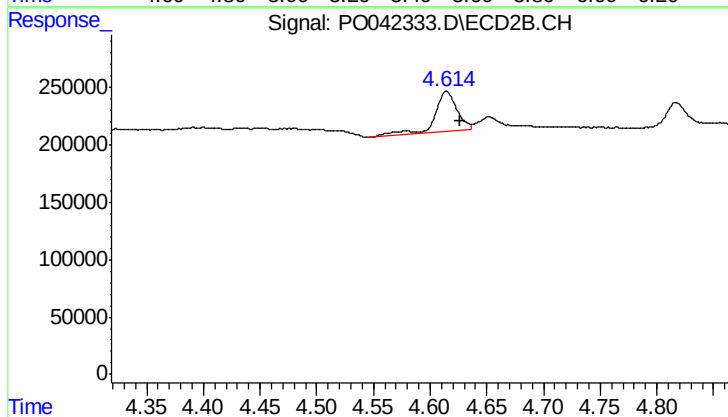
#14 AR-1232-4

R.T.: 4.614 min  
Delta R.T.: 0.030 min  
Response: 483939  
Conc: 136.47 ng/ml



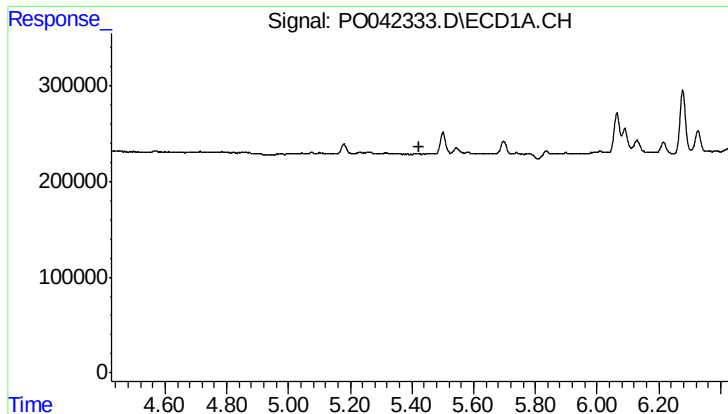
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.427 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

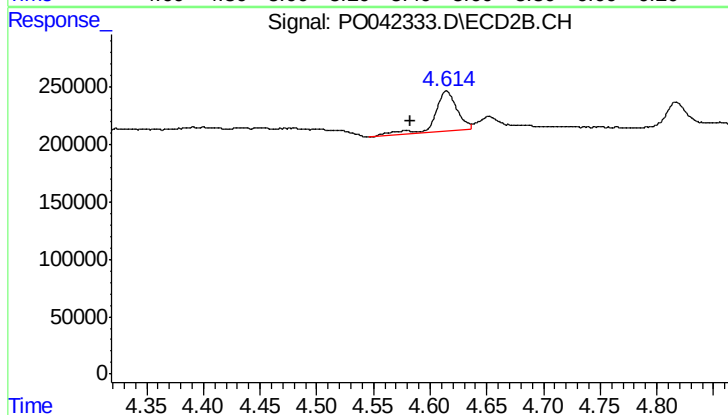
R.T.: 4.614 min  
Delta R.T.: -0.012 min  
Response: 483939  
Conc: 182.65 ng/ml



#18 AR-1242-3

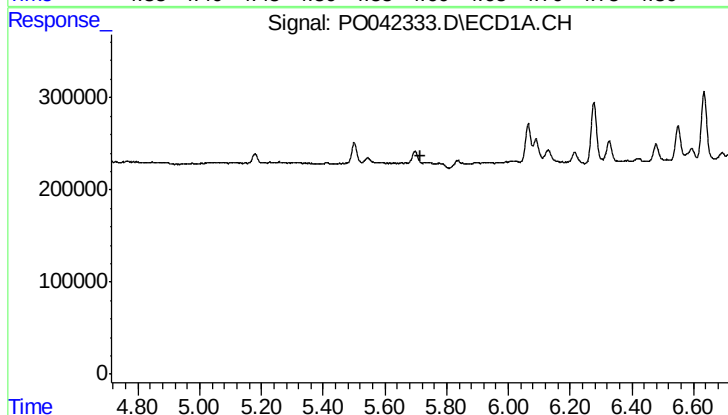
R.T.: 0.000 min  
Exp R.T.: 5.426 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



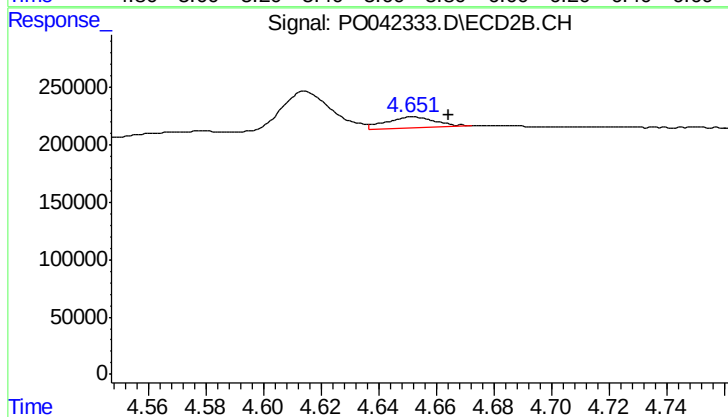
#18 AR-1242-3

R.T.: 4.614 min  
Delta R.T.: 0.031 min  
Response: 483939  
Conc: 88.05 ng/ml



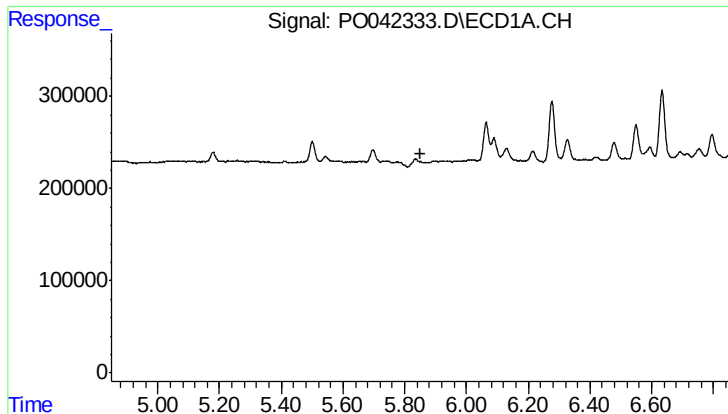
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.714 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

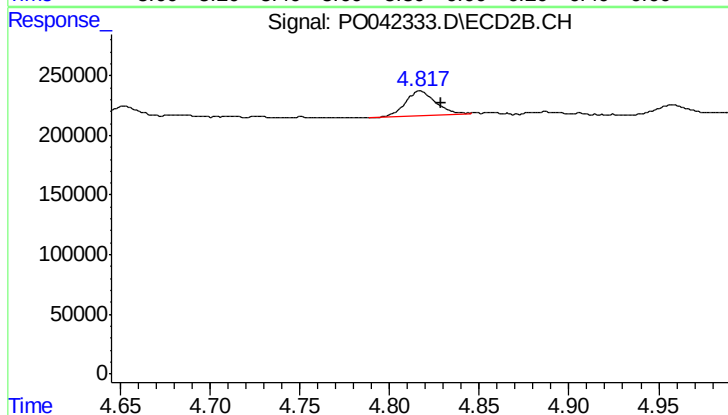
R.T.: 4.652 min  
Delta R.T.: -0.013 min  
Response: 115174  
Conc: 20.48 ng/ml



#20 AR-1242-5

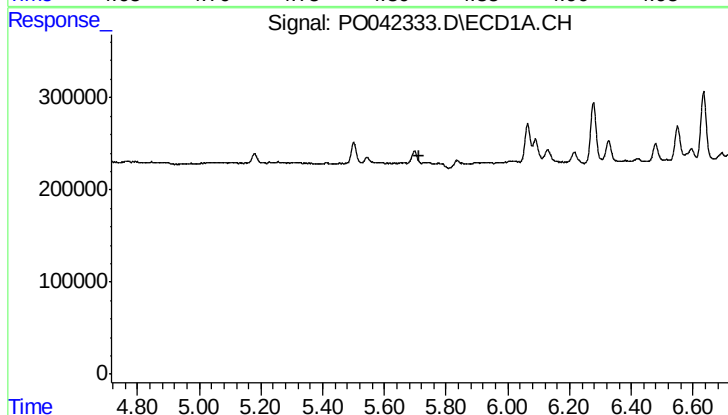
R.T.: 0.000 min  
Exp R.T.: 5.850 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



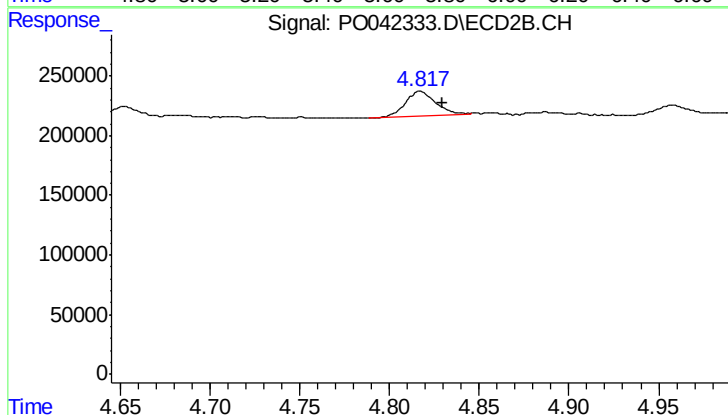
#20 AR-1242-5

R.T.: 4.817 min  
Delta R.T.: -0.012 min  
Response: 243631  
Conc: 40.81 ng/ml



#21 AR-1248-1

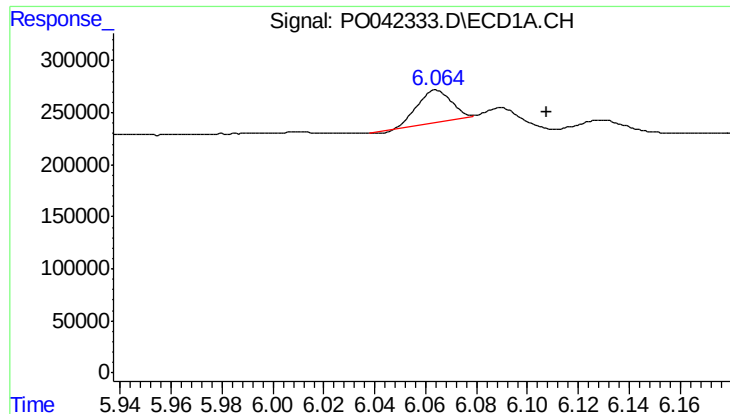
R.T.: 0.000 min  
Exp R.T.: 5.715 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

R.T.: 4.817 min  
Delta R.T.: -0.012 min  
Response: 243631  
Conc: 20.81 ng/ml

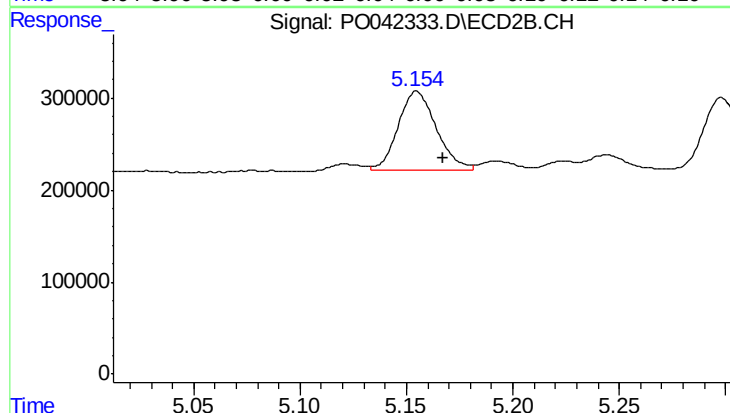




#23 AR-1248-3

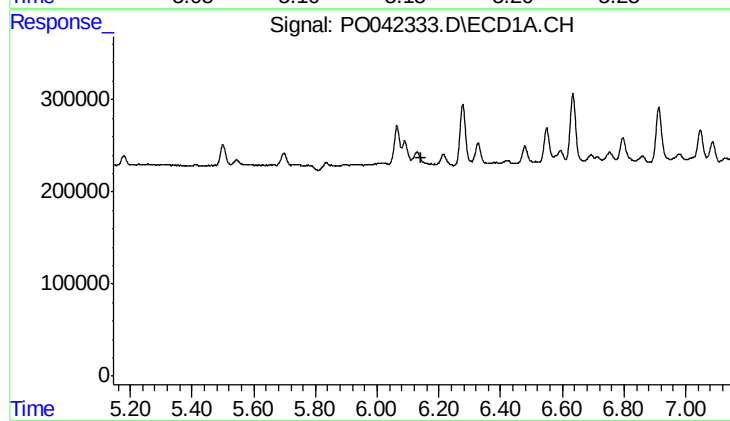
R.T.: 6.064 min  
Delta R.T.: -0.044 min  
Response: 284148  
Conc: 32.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



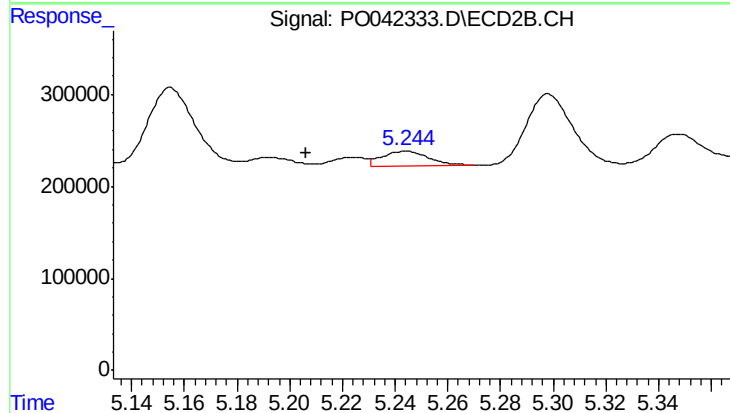
#23 AR-1248-3

R.T.: 5.155 min  
Delta R.T.: -0.013 min  
Response: 1081426  
Conc: 60.77 ng/ml



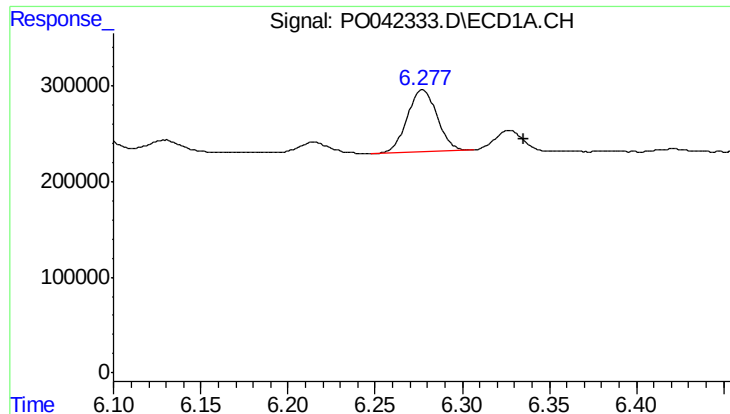
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.145 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

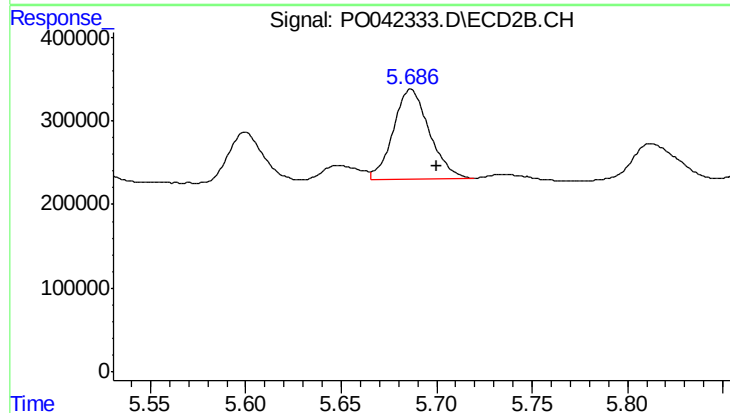
R.T.: 5.244 min  
Delta R.T.: 0.038 min  
Response: 197786  
Conc: 13.98 ng/ml



#25 AR-1248-5

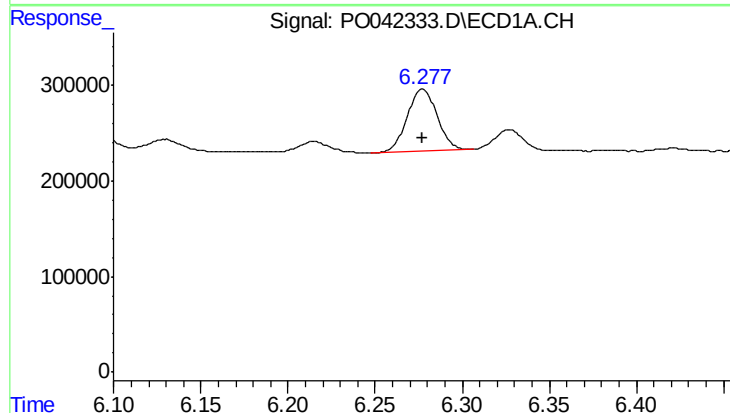
R.T.: 6.277 min  
Delta R.T.: -0.058 min  
Response: 778816  
Conc: 135.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



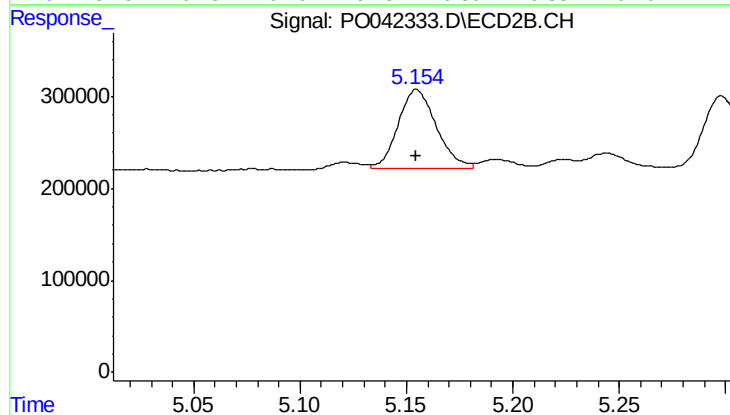
#25 AR-1248-5

R.T.: 5.686 min  
Delta R.T.: -0.013 min  
Response: 1418693  
Conc: 162.24 ng/ml



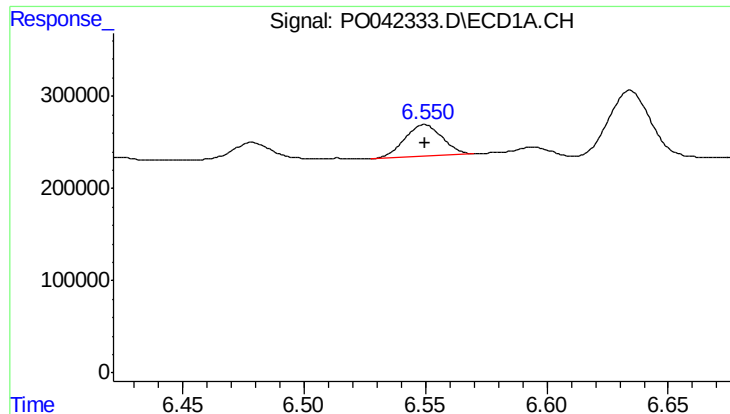
#26 AR-1254-1

R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 778816  
Conc: 55.09 ng/ml



#26 AR-1254-1

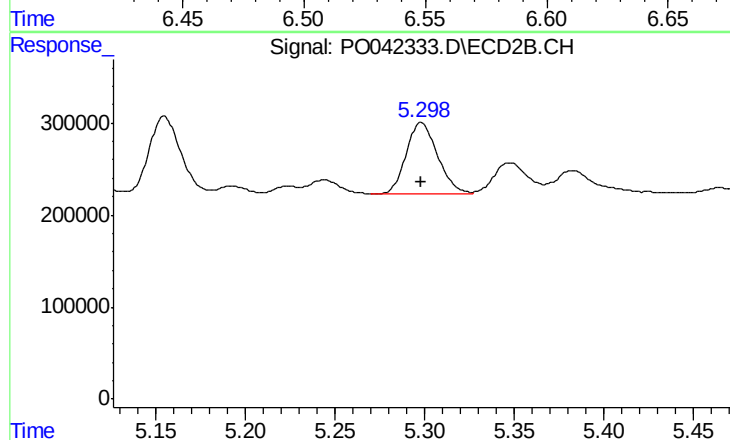
R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 1081426  
Conc: 53.61 ng/ml



#27 AR-1254-2

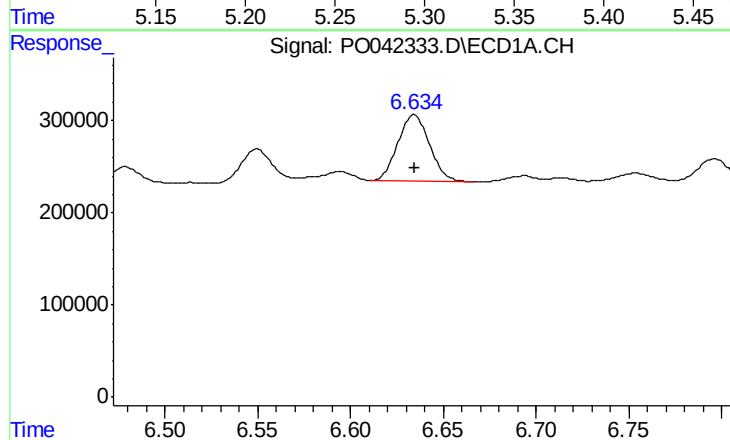
R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 363253  
Conc: 43.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



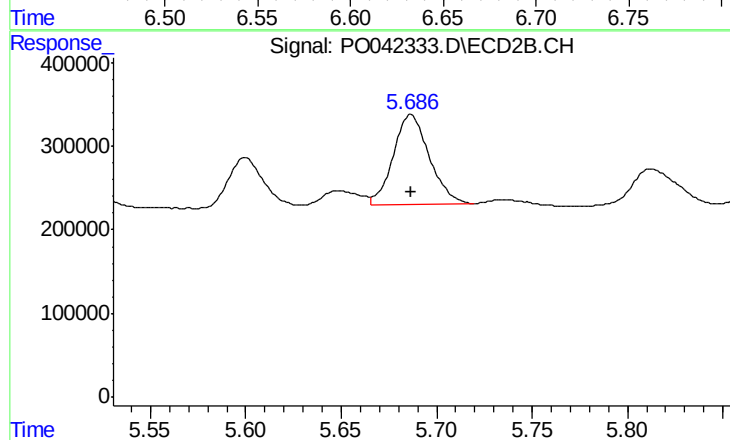
#27 AR-1254-2

R.T.: 5.298 min  
Delta R.T.: 0.000 min  
Response: 950829  
Conc: 52.91 ng/ml



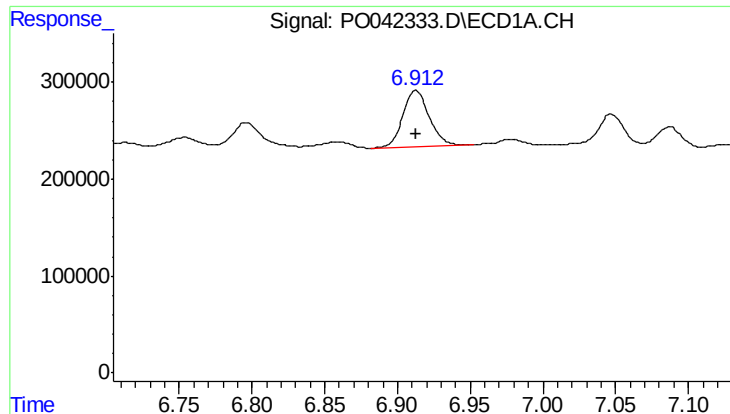
#28 AR-1254-3

R.T.: 6.634 min  
Delta R.T.: 0.000 min  
Response: 860659  
Conc: 55.51 ng/ml



#28 AR-1254-3

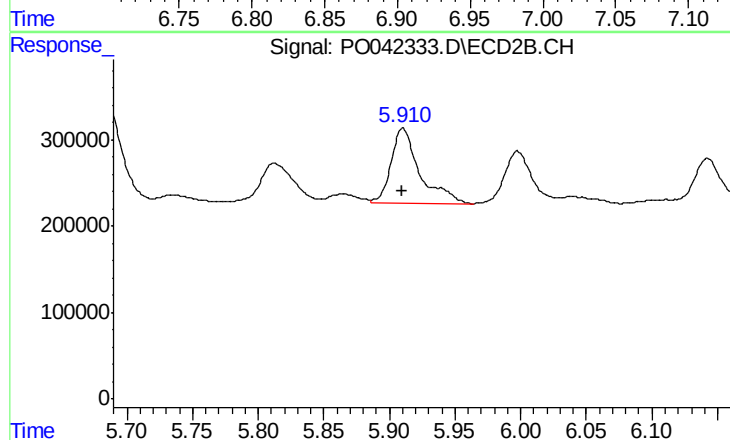
R.T.: 5.686 min  
Delta R.T.: 0.000 min  
Response: 1418693  
Conc: 49.46 ng/ml



#29 AR-1254-4

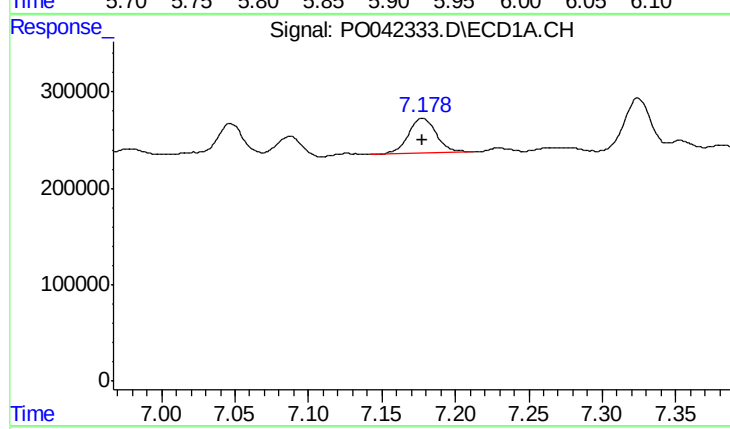
R.T.: 6.913 min  
Delta R.T.: 0.000 min  
Response: 730275  
Conc: 56.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



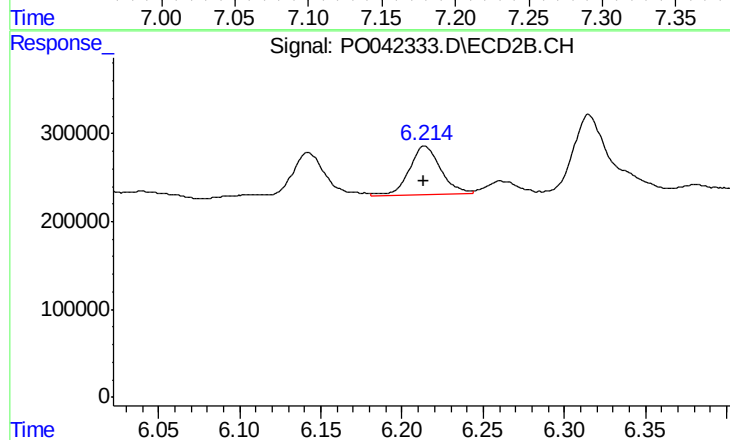
#29 AR-1254-4

R.T.: 5.910 min  
Delta R.T.: 0.000 min  
Response: 1327170  
Conc: 65.45 ng/ml



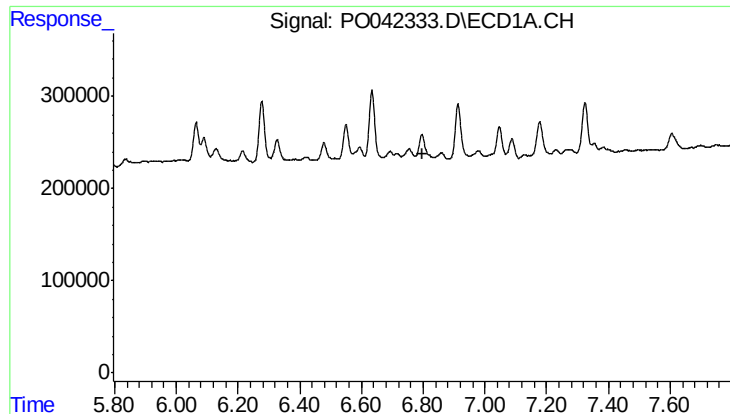
#30 AR-1254-5

R.T.: 7.178 min  
Delta R.T.: 0.000 min  
Response: 472586  
Conc: 52.32 ng/ml



#30 AR-1254-5

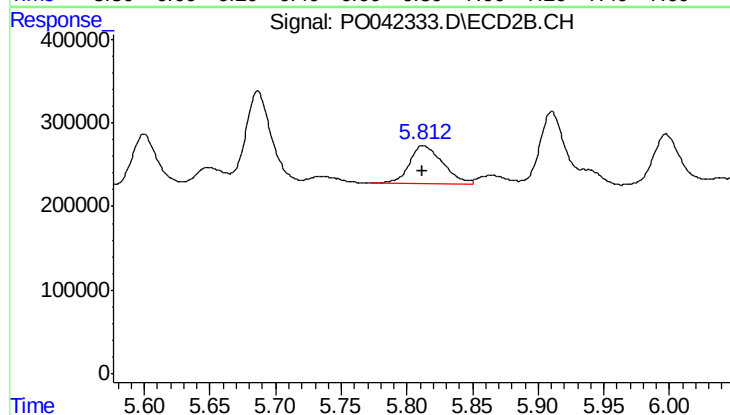
R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 735979  
Conc: 57.00 ng/ml



#31 AR-1260-1

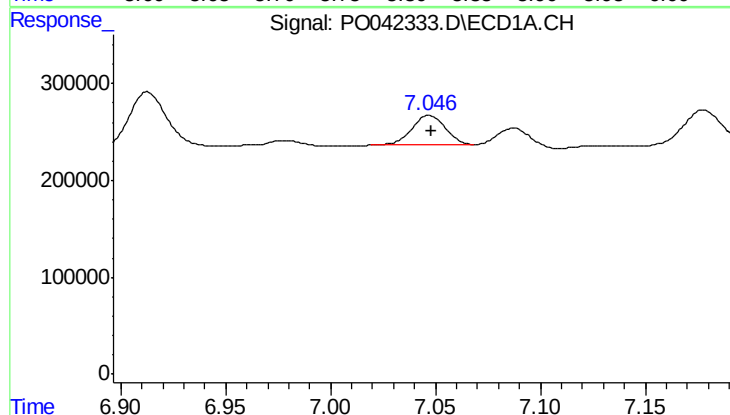
R.T.: 0.000 min  
Exp R.T.: 6.796 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



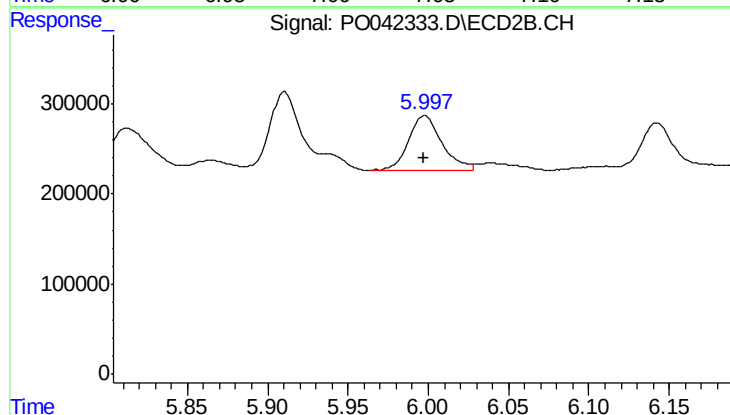
#31 AR-1260-1

R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 796002  
Conc: 35.63 ng/ml



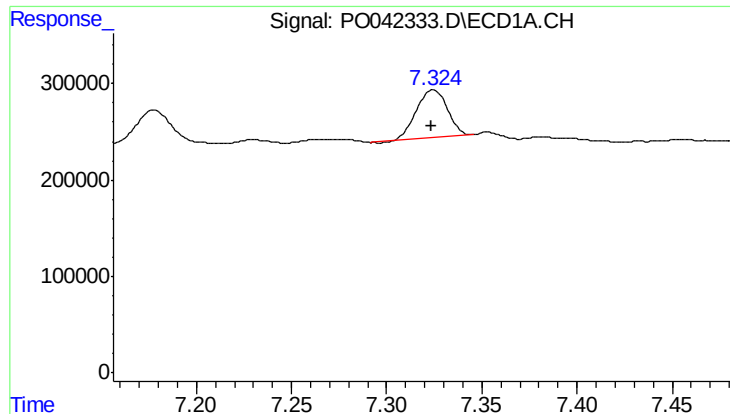
#32 AR-1260-2

R.T.: 7.047 min  
Delta R.T.: 0.000 min  
Response: 335392  
Conc: 20.49 ng/ml



#32 AR-1260-2

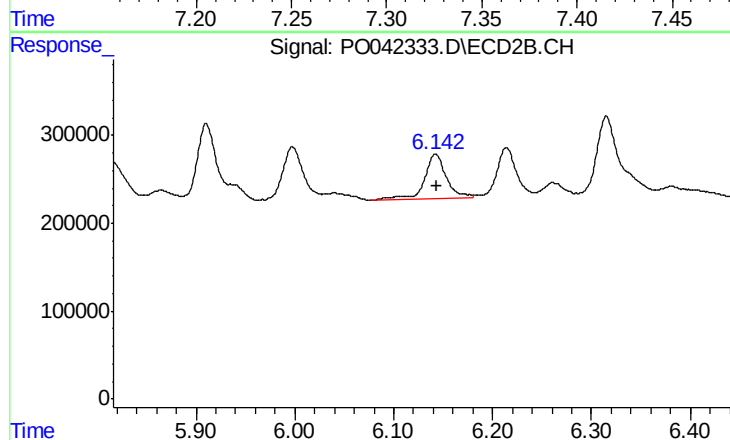
R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 892502  
Conc: 29.34 ng/ml



#33 AR-1260-3

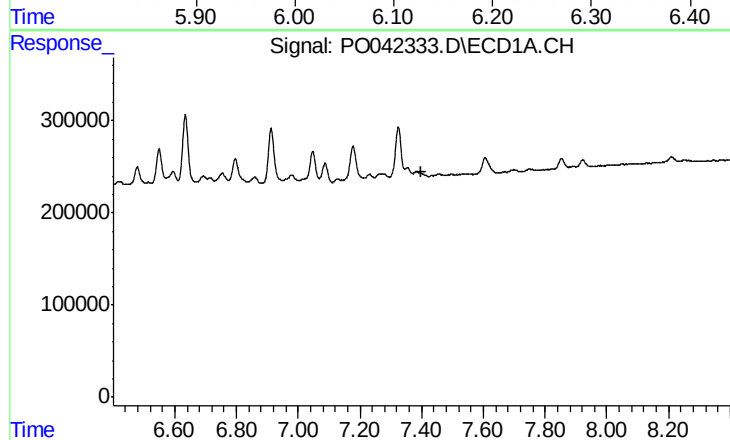
R.T.: 7.324 min  
Delta R.T.: 0.001 min  
Response: 562095  
Conc: 30.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



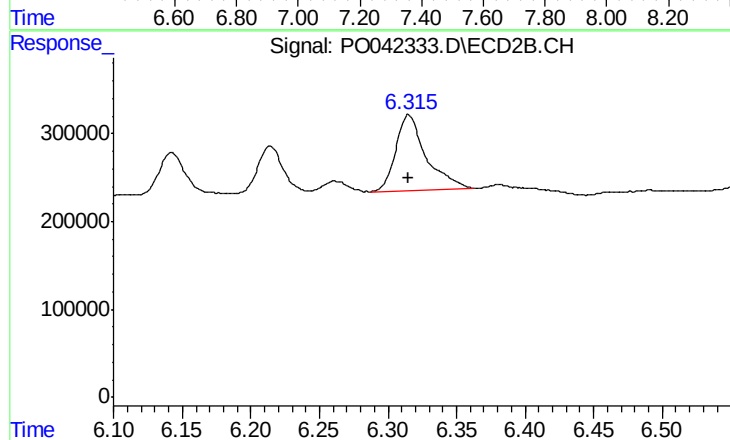
#33 AR-1260-3

R.T.: 6.142 min  
Delta R.T.: -0.002 min  
Response: 773464  
Conc: 30.35 ng/ml



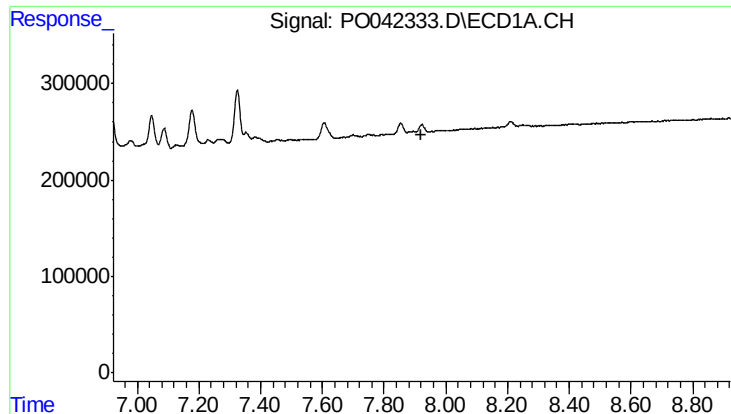
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 7.401 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

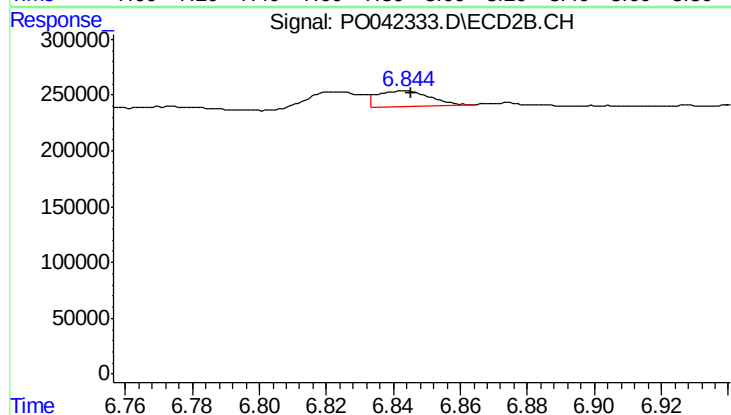
R.T.: 6.315 min  
Delta R.T.: 0.000 min  
Response: 1337924  
Conc: 45.33 ng/ml



#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 7.922 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050



#35 AR-1260-5

R.T.: 6.844 min  
Delta R.T.: -0.002 min  
Response: 151295  
Conc: 2.89 ng/ml