

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122818\  
 Data File : PO053022.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Dec 2018 19:25  
 Operator : SM/SJ  
 Sample : AR1262ICC500  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 04:17:29 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO122818.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 28 04:17:08 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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|-----------|
| -----                       |                 |       |       |          |          |         |           |
| System Monitoring Compounds |                 |       |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 4.186 | 3.217 | 45387898 | 9204705  | 47.372  | 47.716    |
| 2)                          | SA Decachlor... | 9.663 | 7.865 | 27178554 | 10517604 | 44.924  | 48.796    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.334 | 4.207 | 426274   | 109149   | 15.382  | 14.371    |
| 4)                          | L1 AR-1016-2    | 5.355 | 4.221 | 625872   | 172160   | 15.295  | 14.677    |
| 5)                          | L1 AR-1016-3    | 5.355 | 0.000 | 625872   | 0        | 25.830  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 4.488 | 3.488 | 576735   | 129670   | 83.967  | 83.525    |
| 11)                         | L3 AR-1232-1    | 4.488 | 0.000 | 576735   | 0        | 30.346  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.221 | 0        | 172160   | N.D.    | 31.396 #  |
| 13)                         | L3 AR-1232-3    | 5.355 | 0.000 | 625872   | 0        | 32.862  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 5.601 | 0.000 | 337076   | 0        | 57.616  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.334 | 4.207 | 426274   | 109149   | 19.148  | 17.777    |
| 17)                         | L4 AR-1242-2    | 5.355 | 4.221 | 625872   | 172160   | 19.014  | 18.503    |
| 18)                         | L4 AR-1242-3    | 5.355 | 0.000 | 625872   | 0        | 31.822  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.200 | 4.942 | 332225   | 900707   | 19.561  | 148.240 # |
| 21)                         | L5 AR-1248-1    | 5.334 | 4.207 | 426274   | 109149   | 24.900  | 22.000    |
| 22)                         | L5 AR-1248-2    | 5.601 | 0.000 | 337076   | 0        | 15.194  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.200 | 0.000 | 332225   | 0        | 11.754  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.200 | 4.942 | 332225   | 900707   | 12.201  | 102.956 # |
| 26)                         | L6 AR-1254-1    | 6.171 | 4.942 | 2183263  | 900707   | 69.925  | 59.168    |
| 27)                         | L6 AR-1254-2    | 6.384 | 5.083 | 2992717  | 970232   | 61.646  | 74.262    |
| 28)                         | L6 AR-1254-3    | 6.749 | 5.471 | 1222093  | 3801572  | 23.966  | 183.927 # |
| 29)                         | L6 AR-1254-4    | 7.029 | 5.678 | 986359   | 238574   | 25.903  | 17.403 #  |
| 30)                         | L6 AR-1254-5    | 7.443 | 6.069 | 14585131 | 4682851  | 385.649 | 254.129 # |
| 31)                         | L7 AR-1260-1    | 6.907 | 5.579 | 13150667 | 5289272  | 390.275 | 416.539   |
| 32)                         | L7 AR-1260-2    | 7.162 | 5.763 | 15968058 | 6495786  | 377.368 | 399.086   |
| 33)                         | L7 AR-1260-3    | 7.515 | 5.902 | 22961772 | 6127668  | 844.526 | 432.617 # |
| 34)                         | L7 AR-1260-4    | 7.740 | 6.349 | 19344125 | 7781112  | 628.005 | 817.052 # |
| 35)                         | L7 AR-1260-5    | 8.044 | 6.590 | 38884123 | 15652250 | 637.602 | 652.522   |
| 36)                         | L8 AR-1262-1    | 7.515 | 6.106 | 22961772 | 9066255  | 500.000 | 500.000   |
| 37)                         | L8 AR-1262-2    | 8.044 | 6.590 | 38884123 | 15652250 | 500.000 | 500.000   |
| 38)                         | L8 AR-1262-3    | 8.325 | 6.856 | 17335943 | 6204894  | 500.000 | 500.000   |
| 39)                         | L8 AR-1262-4    | 8.409 | 6.919 | 11505316 | 11502462 | 500.000 | 500.000   |
| 40)                         | L8 AR-1262-5    | 9.008 | 7.402 | 13739337 | 5315349  | 500.000 | 500.000   |
| -----                       |                 |       |       |          |          |         |           |

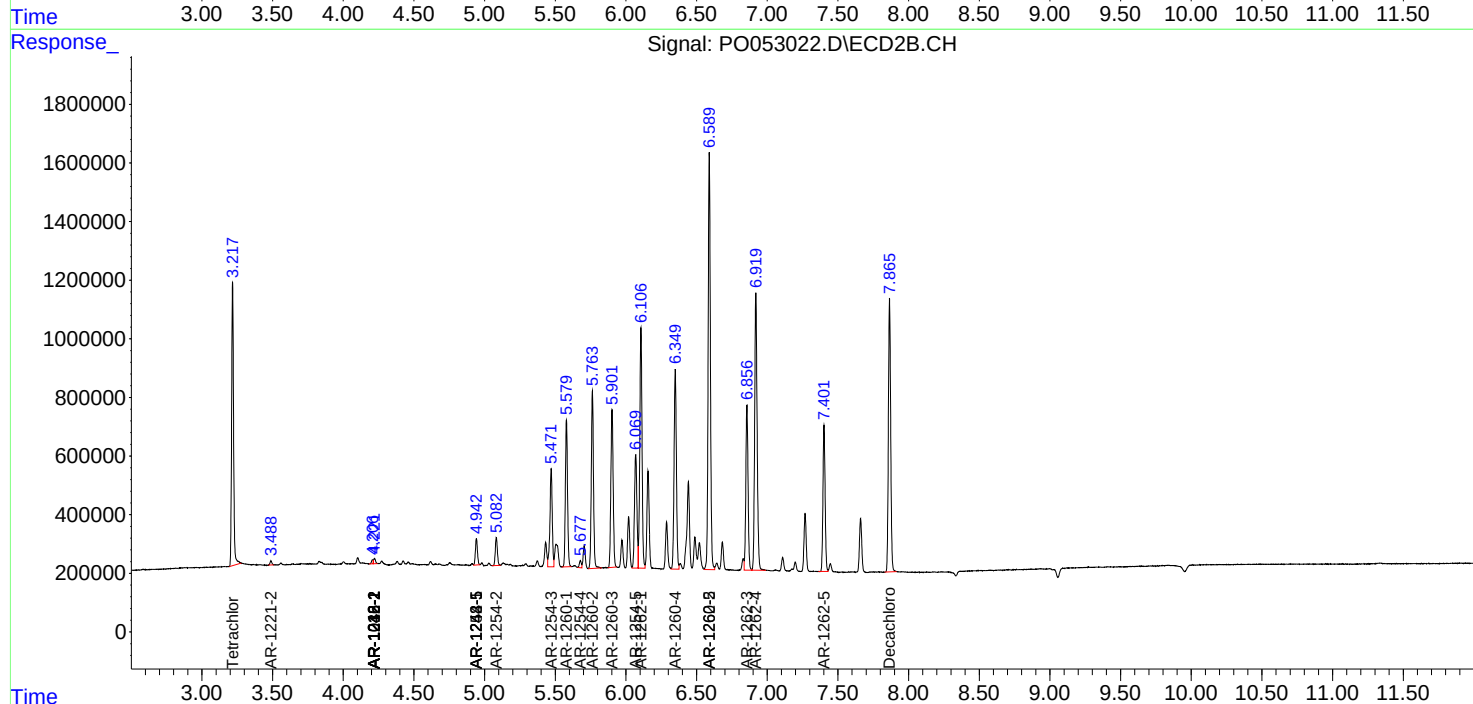
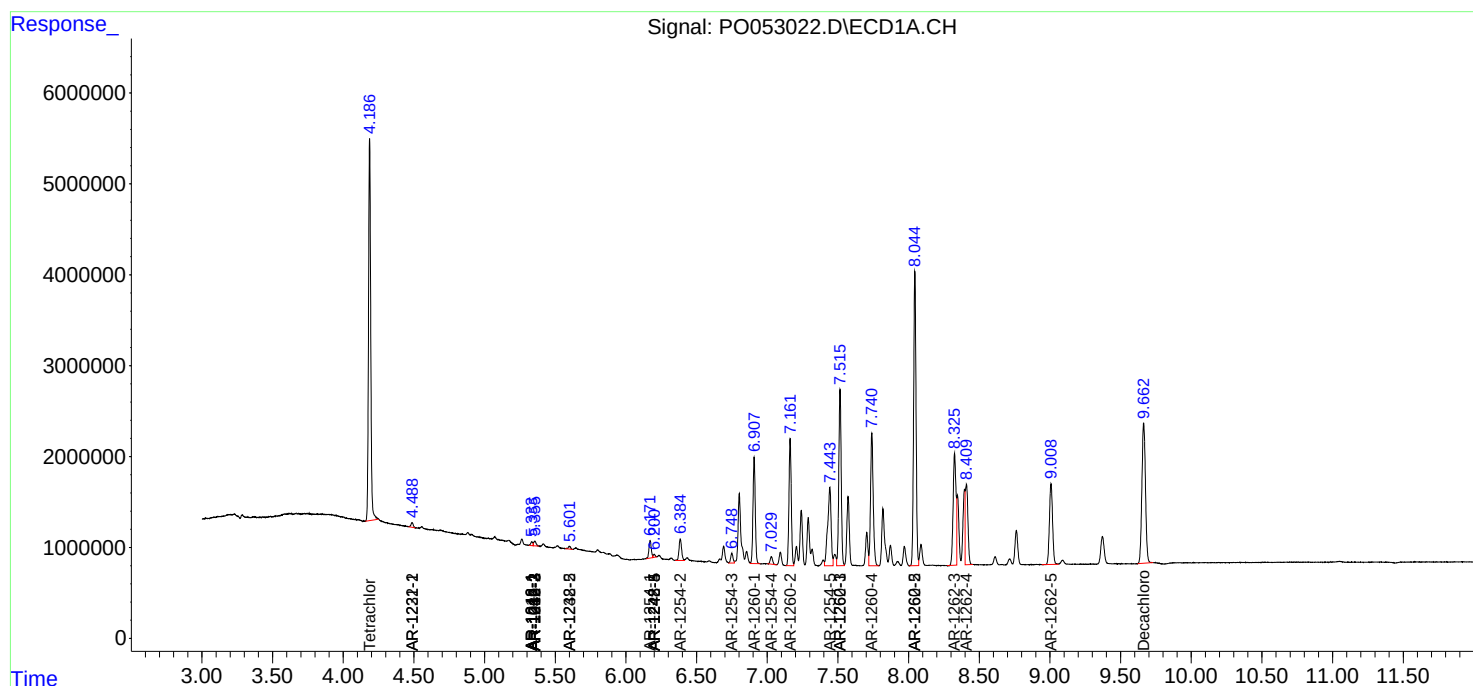
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

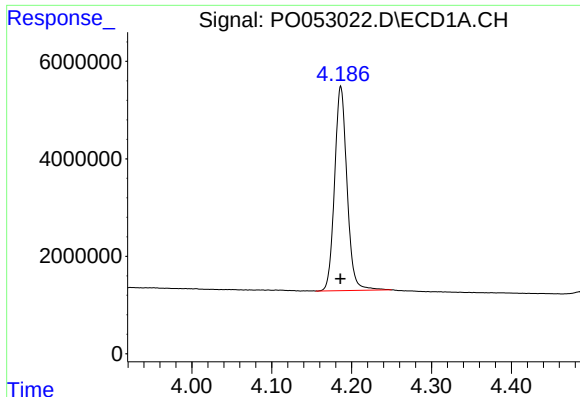
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122818\  
Data File : PO053022.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Dec 2018 19:25  
Operator : SM/SJ  
Sample : AR1262ICC500  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 04:17:29 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO122818.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 28 04:17:08 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

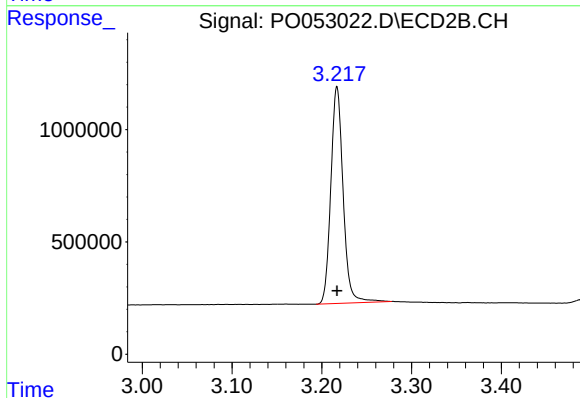




#1 Tetrachloro-m-xylene

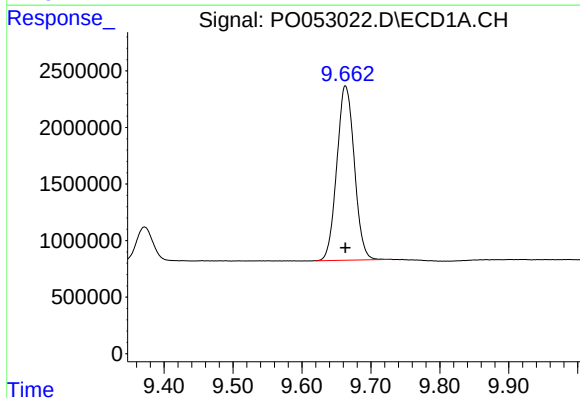
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 45387898  
Conc: 47.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



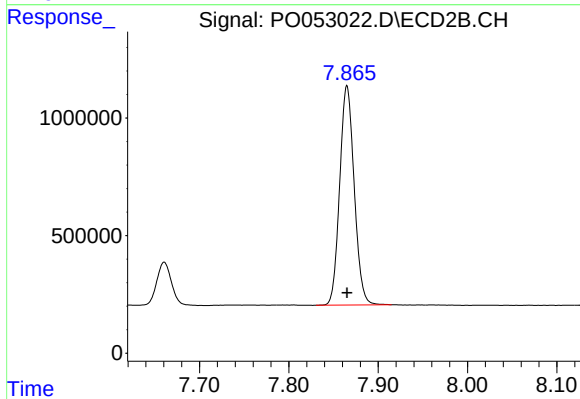
#1 Tetrachloro-m-xylene

R.T.: 3.217 min  
Delta R.T.: 0.000 min  
Response: 9204705  
Conc: 47.72 ng/ml



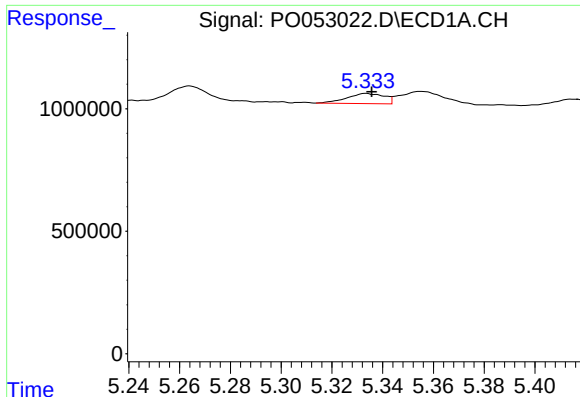
#2 Decachlorobiphenyl

R.T.: 9.663 min  
Delta R.T.: 0.000 min  
Response: 27178554  
Conc: 44.92 ng/ml



#2 Decachlorobiphenyl

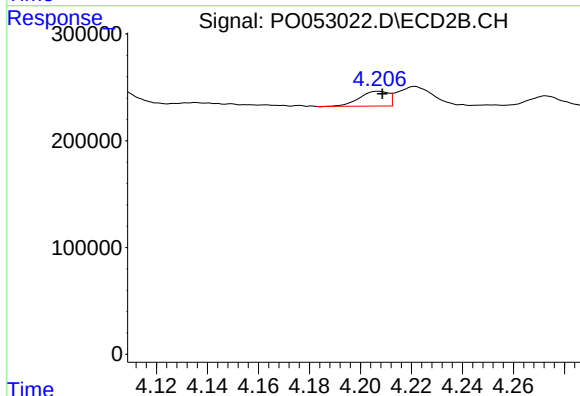
R.T.: 7.865 min  
Delta R.T.: 0.000 min  
Response: 10517604  
Conc: 48.80 ng/ml



#3 AR-1016-1

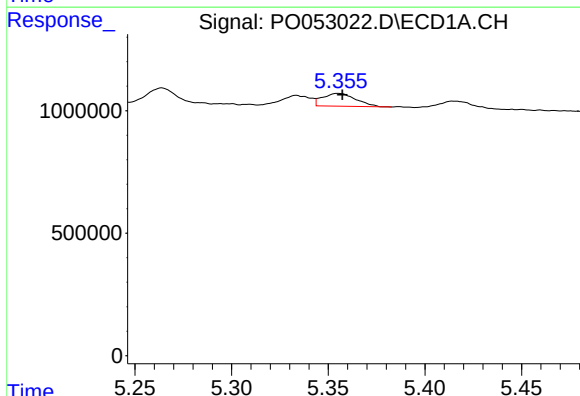
R.T.: 5.334 min  
Delta R.T.: -0.002 min  
Response: 426274  
Conc: 15.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



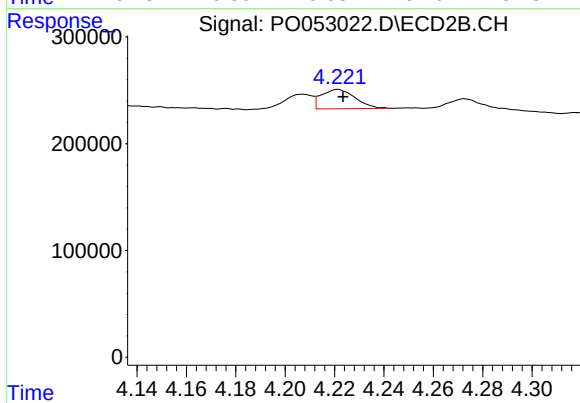
#3 AR-1016-1

R.T.: 4.207 min  
Delta R.T.: -0.002 min  
Response: 109149  
Conc: 14.37 ng/ml



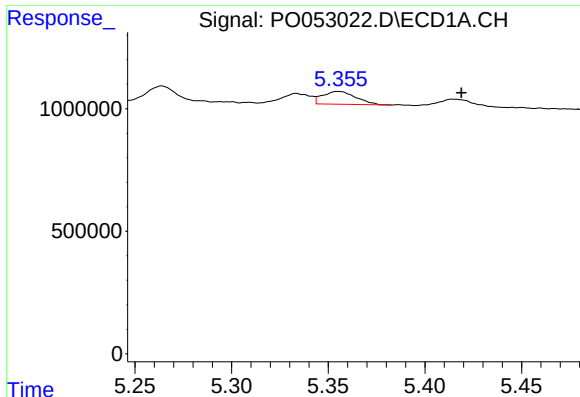
#4 AR-1016-2

R.T.: 5.355 min  
Delta R.T.: -0.002 min  
Response: 625872  
Conc: 15.30 ng/ml



#4 AR-1016-2

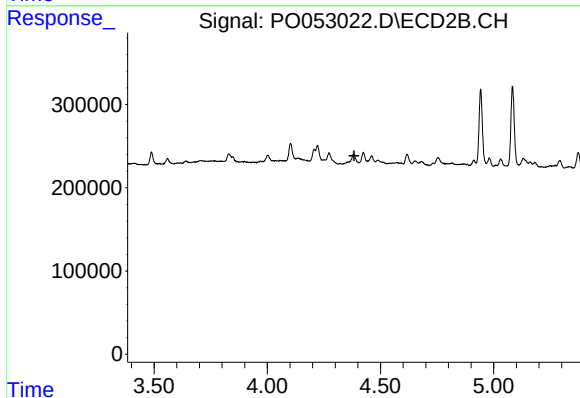
R.T.: 4.221 min  
Delta R.T.: -0.002 min  
Response: 172160  
Conc: 14.68 ng/ml



#5 AR-1016-3

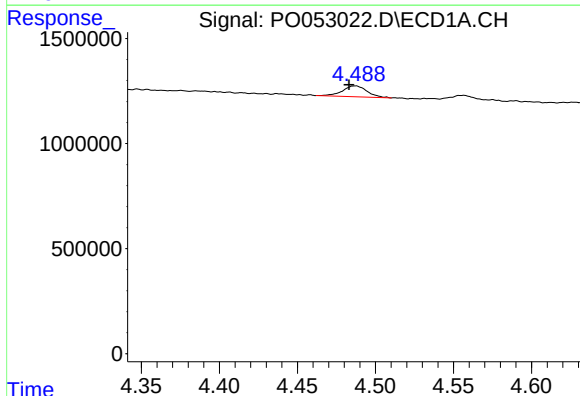
R.T.: 5.355 min  
Delta R.T.: -0.064 min  
Response: 625872  
Conc: 25.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



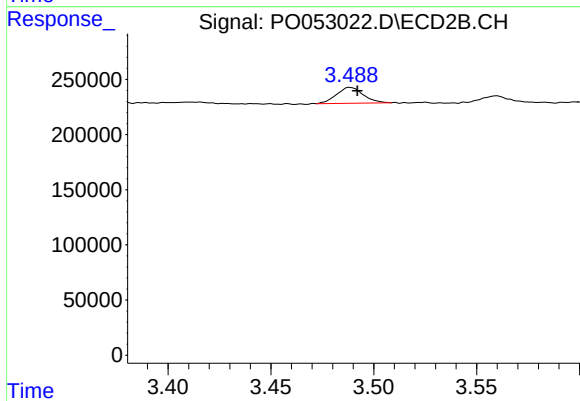
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.383 min  
Response: 0  
Conc: N.D.



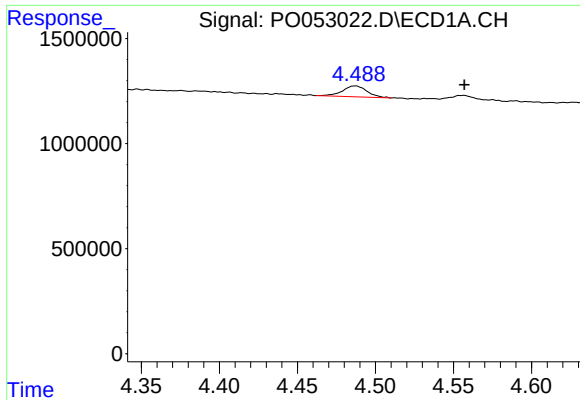
#9 AR-1221-2

R.T.: 4.488 min  
Delta R.T.: 0.005 min  
Response: 576735  
Conc: 83.97 ng/ml



#9 AR-1221-2

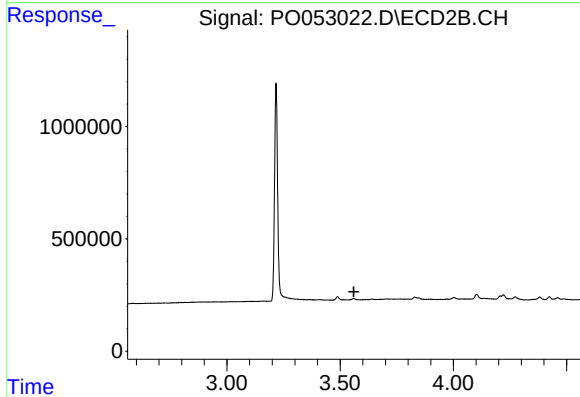
R.T.: 3.488 min  
Delta R.T.: -0.004 min  
Response: 129670  
Conc: 83.52 ng/ml



#11 AR-1232-1

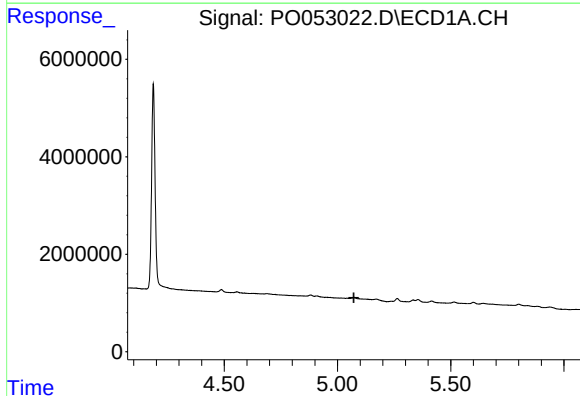
R.T.: 4.488 min  
Delta R.T.: -0.069 min  
Response: 576735  
Conc: 30.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



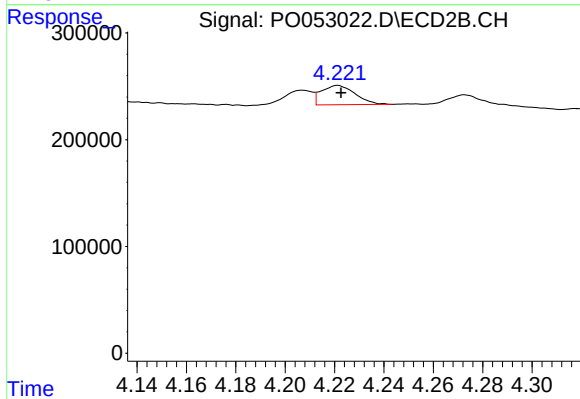
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.560 min  
Response: 0  
Conc: N.D.



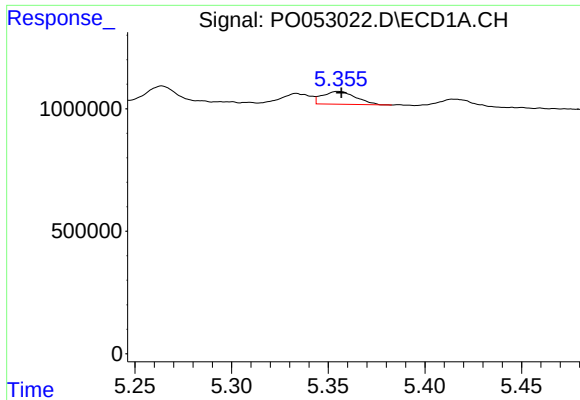
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.073 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

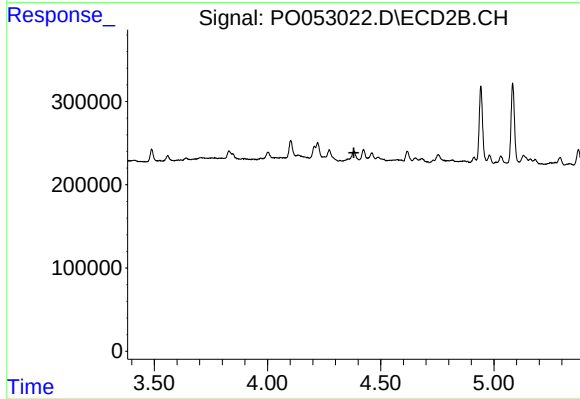
R.T.: 4.221 min  
Delta R.T.: -0.001 min  
Response: 172160  
Conc: 31.40 ng/ml



#13 AR-1232-3

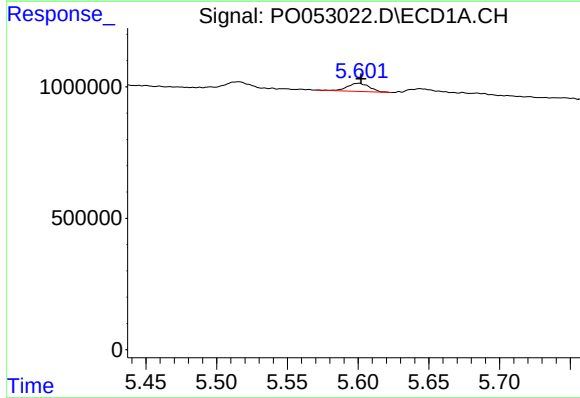
R.T.: 5.355 min  
Delta R.T.: -0.002 min  
Response: 625872  
Conc: 32.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



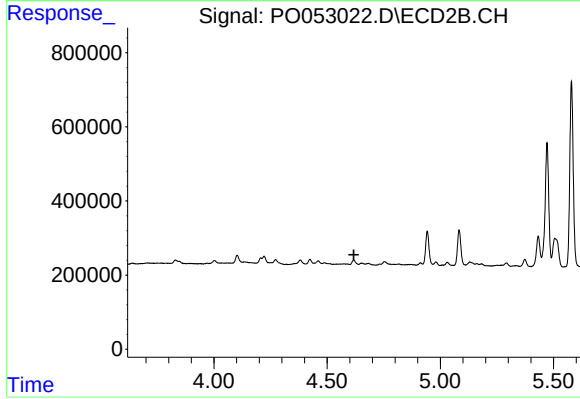
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.382 min  
Response: 0  
Conc: N.D.



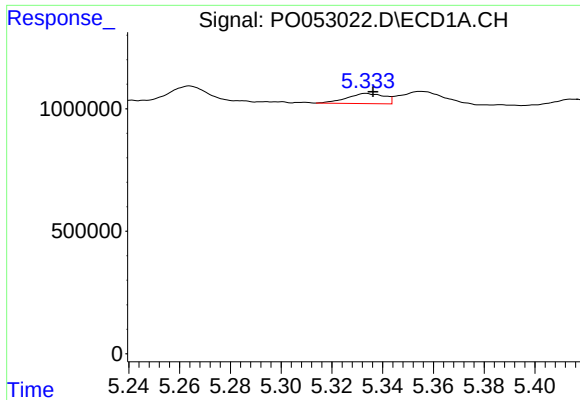
#15 AR-1232-5

R.T.: 5.601 min  
Delta R.T.: -0.001 min  
Response: 337076  
Conc: 57.62 ng/ml



#15 AR-1232-5

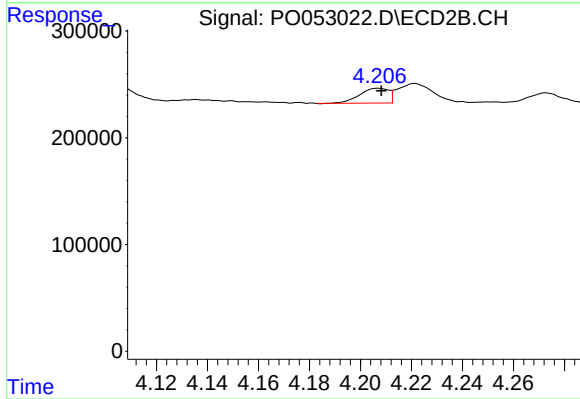
R.T.: 0.000 min  
Exp R.T. : 4.618 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

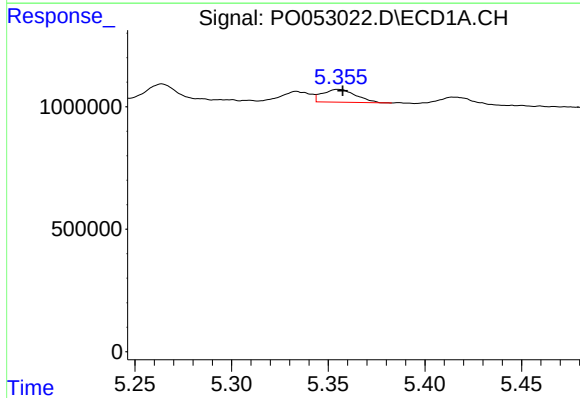
R.T.: 5.334 min  
Delta R.T.: -0.003 min  
Response: 426274  
Conc: 19.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



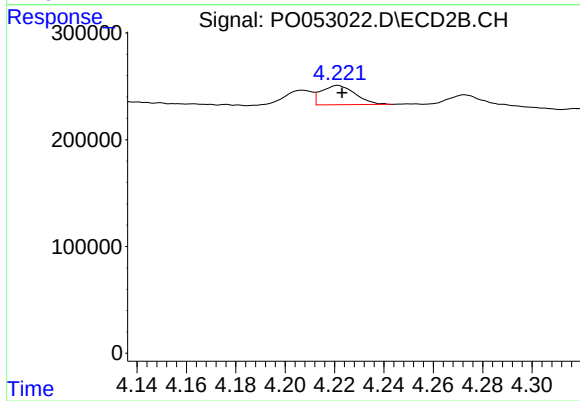
#16 AR-1242-1

R.T.: 4.207 min  
Delta R.T.: -0.001 min  
Response: 109149  
Conc: 17.78 ng/ml



#17 AR-1242-2

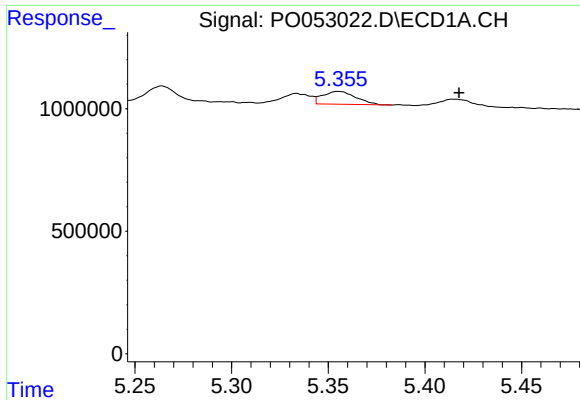
R.T.: 5.355 min  
Delta R.T.: -0.002 min  
Response: 625872  
Conc: 19.01 ng/ml



#17 AR-1242-2

R.T.: 4.221 min  
Delta R.T.: -0.002 min  
Response: 172160  
Conc: 18.50 ng/ml

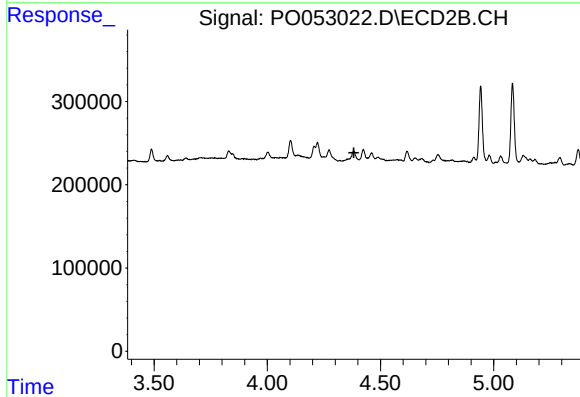




#18 AR-1242-3

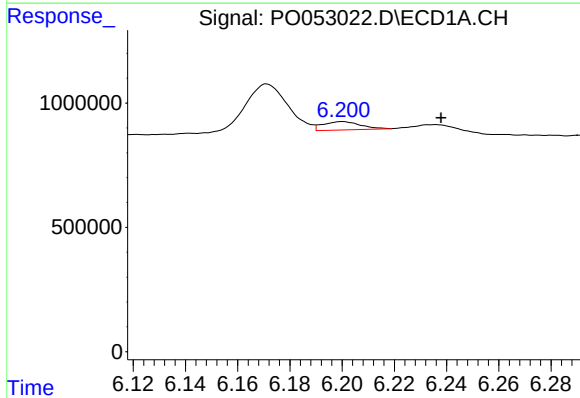
R.T.: 5.355 min  
Delta R.T.: -0.063 min  
Response: 625872  
Conc: 31.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



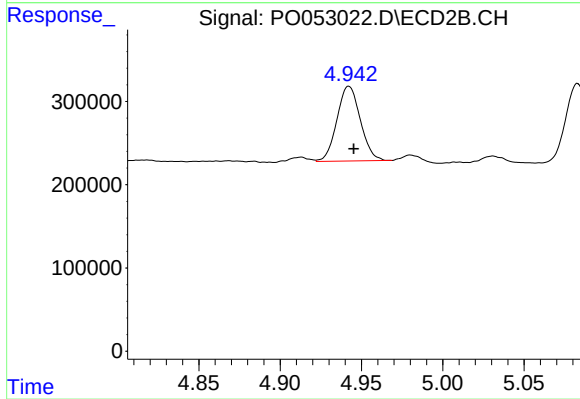
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.383 min  
Response: 0  
Conc: N.D.



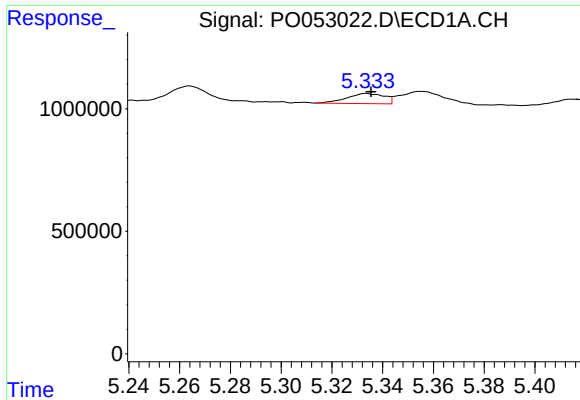
#20 AR-1242-5

R.T.: 6.200 min  
Delta R.T.: -0.038 min  
Response: 332225  
Conc: 19.56 ng/ml



#20 AR-1242-5

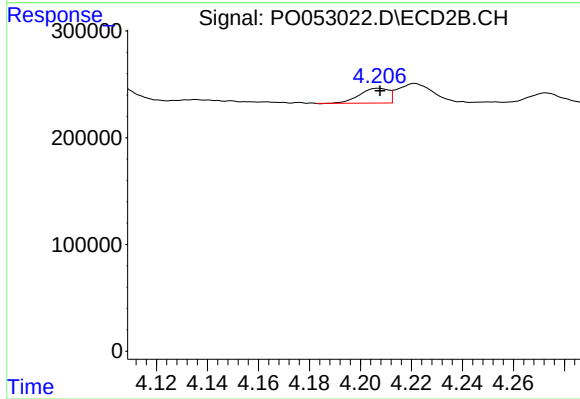
R.T.: 4.942 min  
Delta R.T.: -0.003 min  
Response: 900707  
Conc: 148.24 ng/ml



#21 AR-1248-1

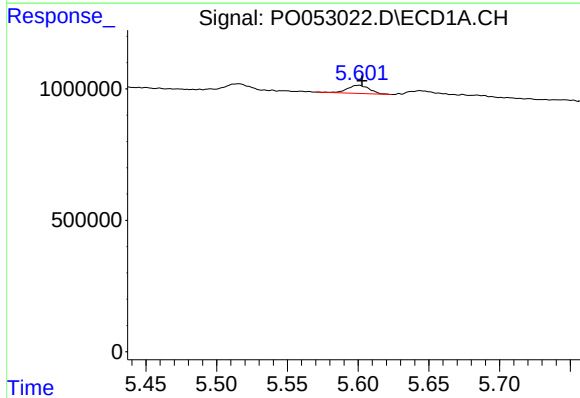
R.T.: 5.334 min  
Delta R.T.: -0.002 min  
Response: 426274  
Conc: 24.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



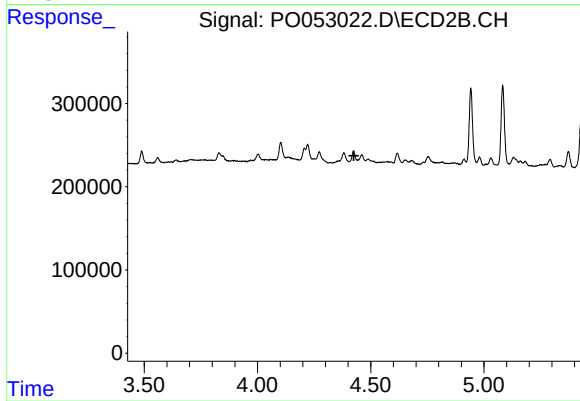
#21 AR-1248-1

R.T.: 4.207 min  
Delta R.T.: 0.000 min  
Response: 109149  
Conc: 22.00 ng/ml



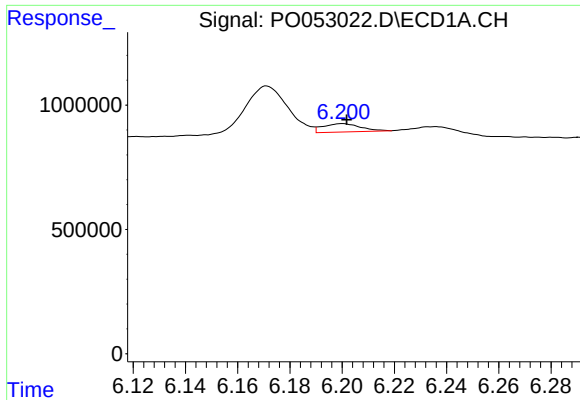
#22 AR-1248-2

R.T.: 5.601 min  
Delta R.T.: -0.002 min  
Response: 337076  
Conc: 15.19 ng/ml



#22 AR-1248-2

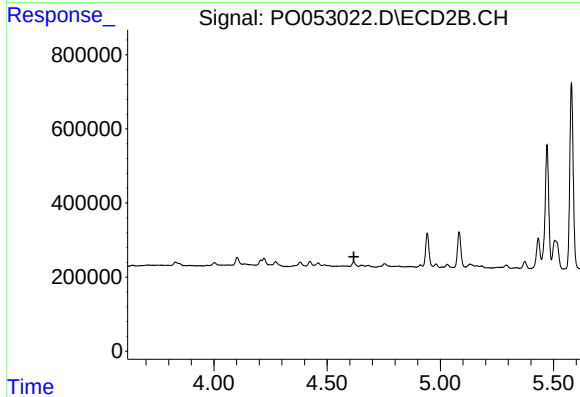
R.T.: 0.000 min  
Exp R.T.: 4.426 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

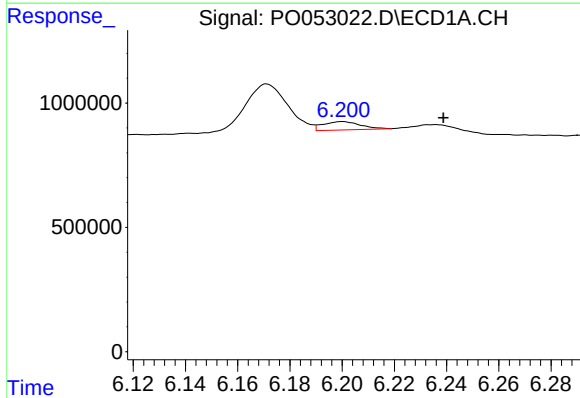
R.T.: 6.200 min  
Delta R.T.: -0.002 min  
Response: 332225  
Conc: 11.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



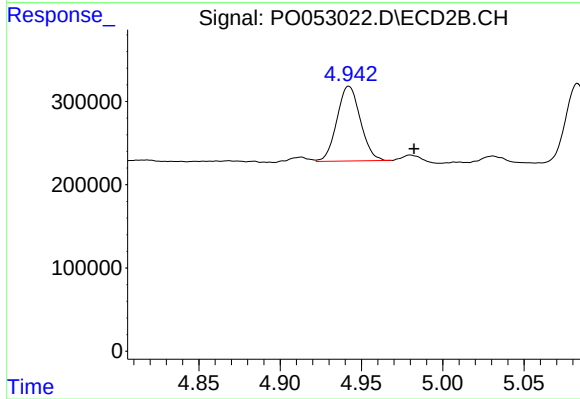
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 4.619 min  
Response: 0  
Conc: N.D.



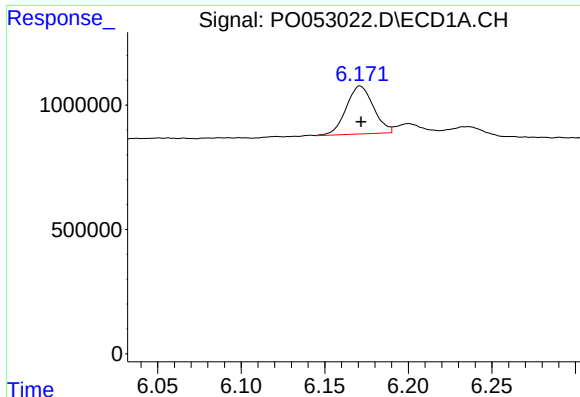
#25 AR-1248-5

R.T.: 6.200 min  
Delta R.T.: -0.039 min  
Response: 332225  
Conc: 12.20 ng/ml



#25 AR-1248-5

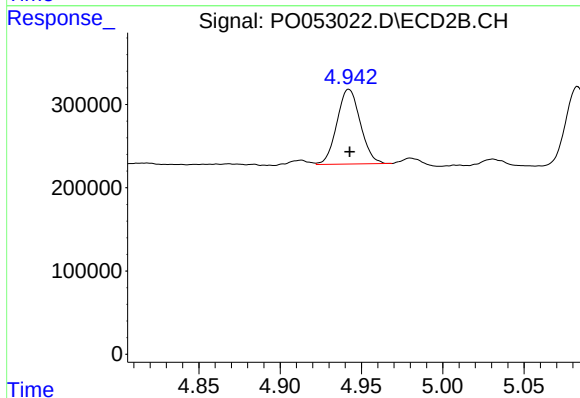
R.T.: 4.942 min  
Delta R.T.: -0.040 min  
Response: 900707  
Conc: 102.96 ng/ml



#26 AR-1254-1

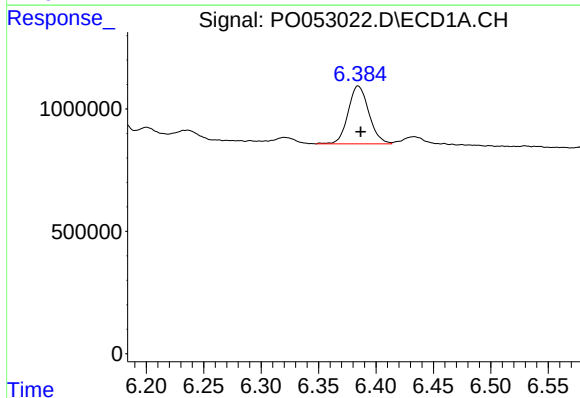
R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 2183263  
Conc: 69.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



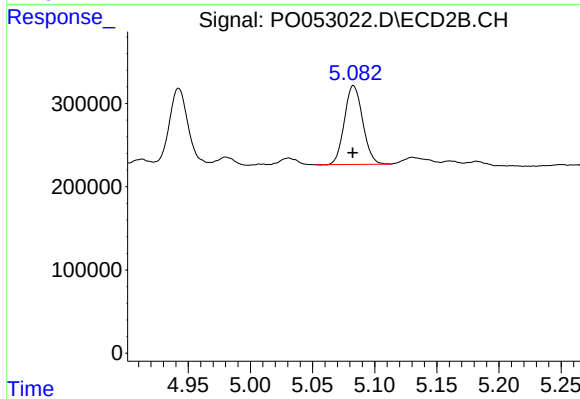
#26 AR-1254-1

R.T.: 4.942 min  
Delta R.T.: 0.000 min  
Response: 900707  
Conc: 59.17 ng/ml



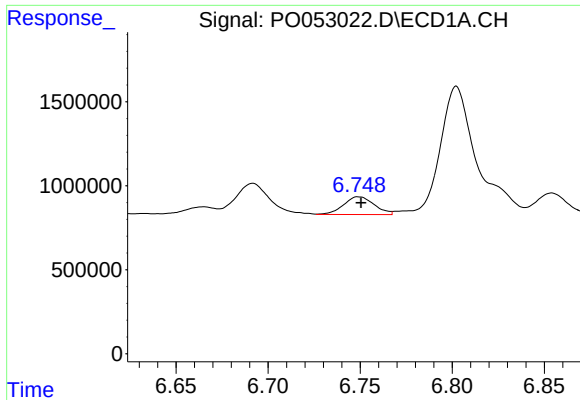
#27 AR-1254-2

R.T.: 6.384 min  
Delta R.T.: -0.002 min  
Response: 2992717  
Conc: 61.65 ng/ml



#27 AR-1254-2

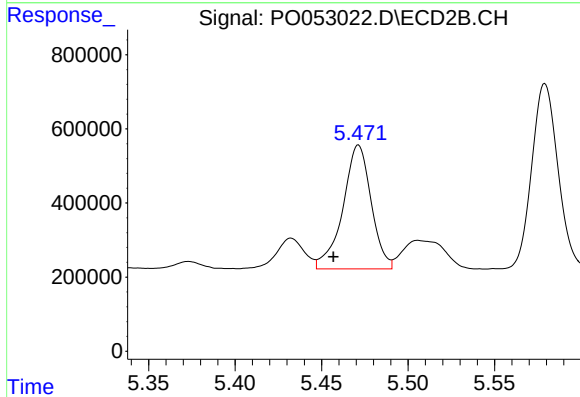
R.T.: 5.083 min  
Delta R.T.: 0.000 min  
Response: 970232  
Conc: 74.26 ng/ml



#28 AR-1254-3

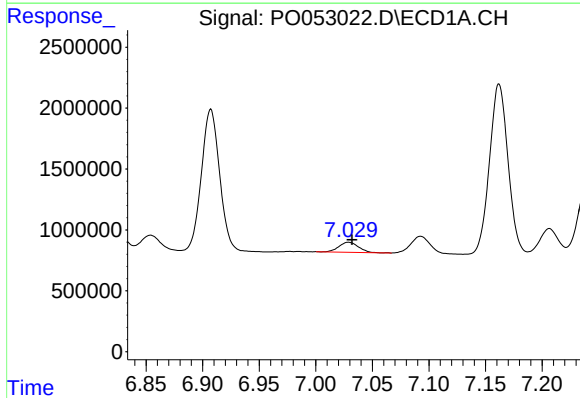
R.T.: 6.749 min  
Delta R.T.: -0.002 min  
Response: 1222093  
Conc: 23.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



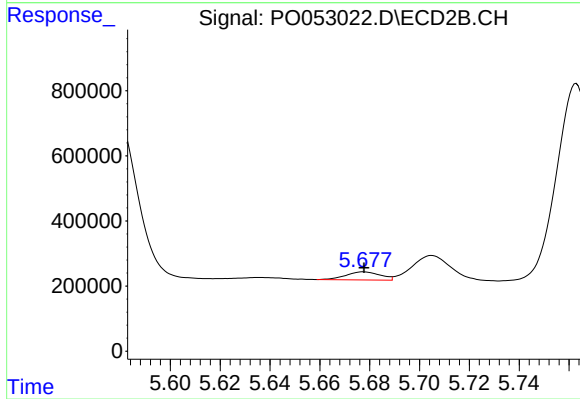
#28 AR-1254-3

R.T.: 5.471 min  
Delta R.T.: 0.014 min  
Response: 3801572  
Conc: 183.93 ng/ml



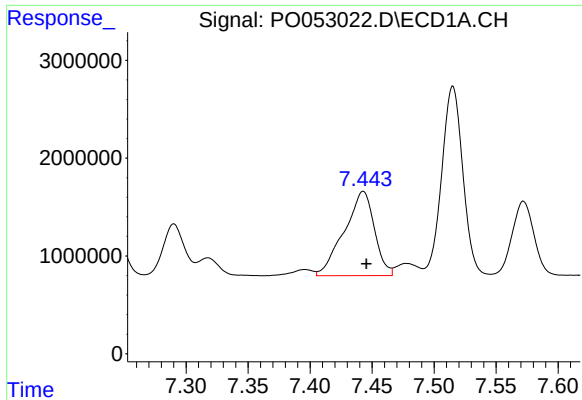
#29 AR-1254-4

R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 986359  
Conc: 25.90 ng/ml



#29 AR-1254-4

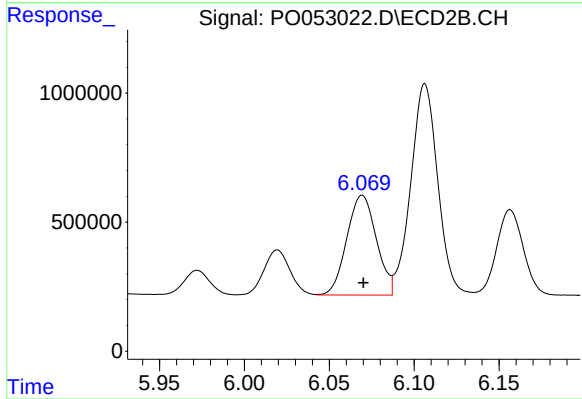
R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 238574  
Conc: 17.40 ng/ml



#30 AR-1254-5

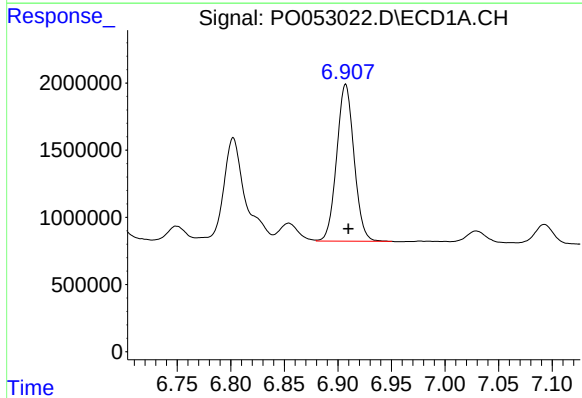
R.T.: 7.443 min  
Delta R.T.: -0.003 min  
Response: 14585131  
Conc: 385.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



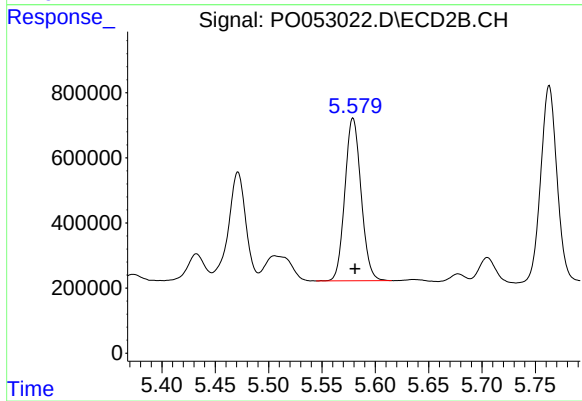
#30 AR-1254-5

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 4682851  
Conc: 254.13 ng/ml



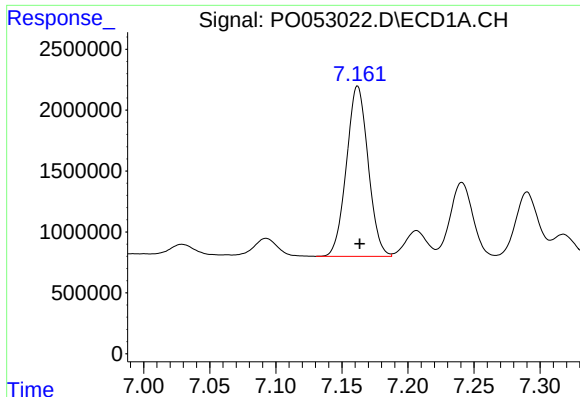
#31 AR-1260-1

R.T.: 6.907 min  
Delta R.T.: -0.002 min  
Response: 13150667  
Conc: 390.27 ng/ml



#31 AR-1260-1

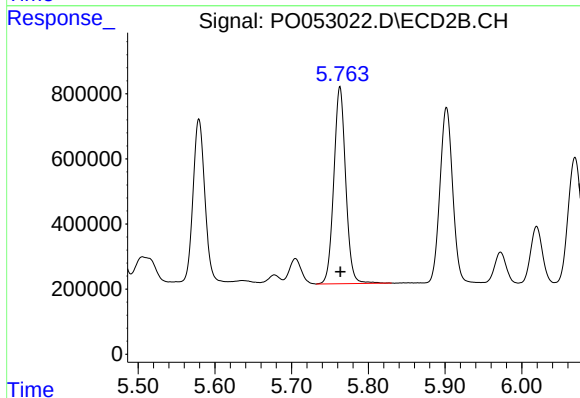
R.T.: 5.579 min  
Delta R.T.: -0.002 min  
Response: 5289272  
Conc: 416.54 ng/ml



#32 AR-1260-2

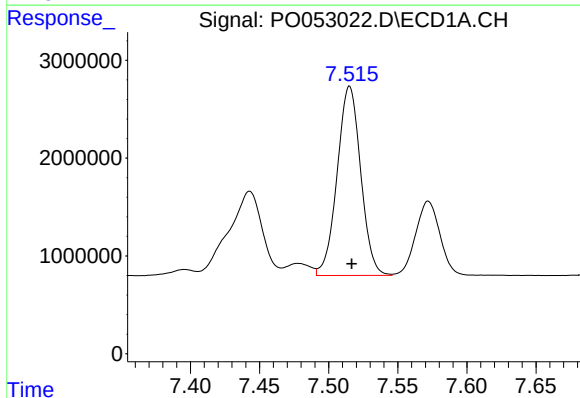
R.T.: 7.162 min  
Delta R.T.: -0.001 min  
Response: 15968058  
Conc: 377.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



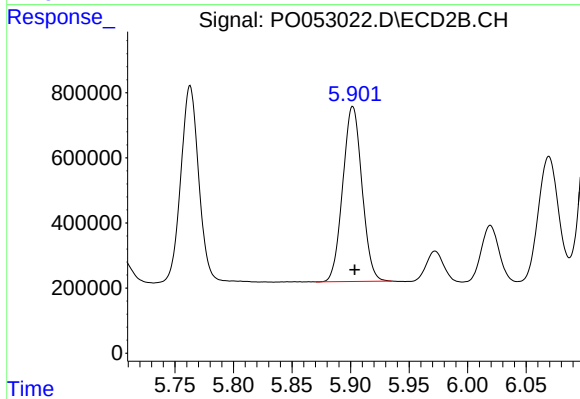
#32 AR-1260-2

R.T.: 5.763 min  
Delta R.T.: 0.000 min  
Response: 6495786  
Conc: 399.09 ng/ml



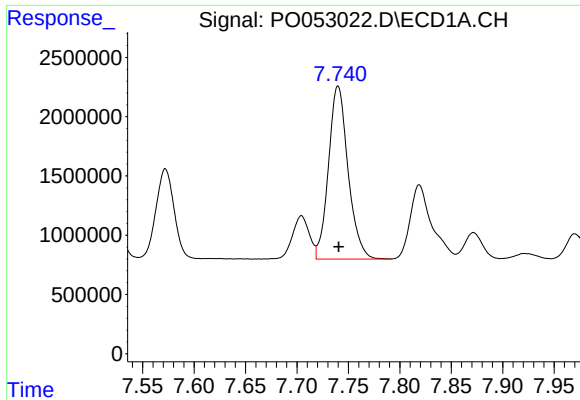
#33 AR-1260-3

R.T.: 7.515 min  
Delta R.T.: -0.002 min  
Response: 22961772  
Conc: 844.53 ng/ml



#33 AR-1260-3

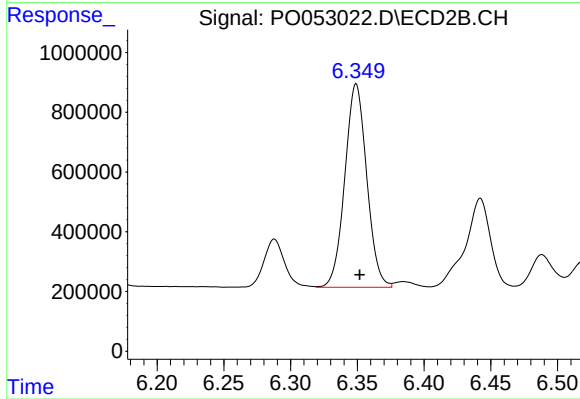
R.T.: 5.902 min  
Delta R.T.: -0.002 min  
Response: 6127668  
Conc: 432.62 ng/ml



#34 AR-1260-4

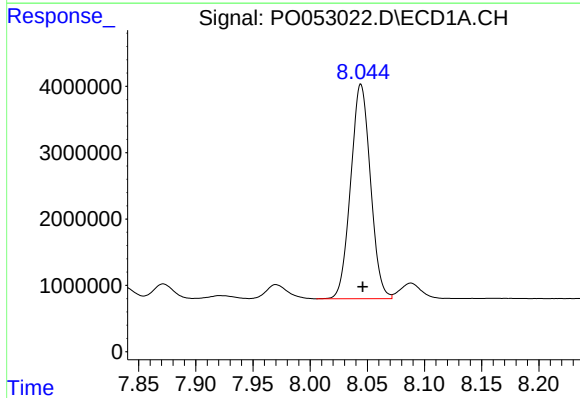
R.T.: 7.740 min  
Delta R.T.: 0.000 min  
Response: 19344125  
Conc: 628.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



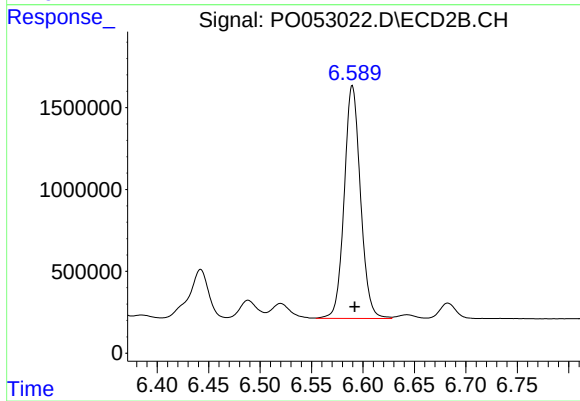
#34 AR-1260-4

R.T.: 6.349 min  
Delta R.T.: -0.003 min  
Response: 7781112  
Conc: 817.05 ng/ml



#35 AR-1260-5

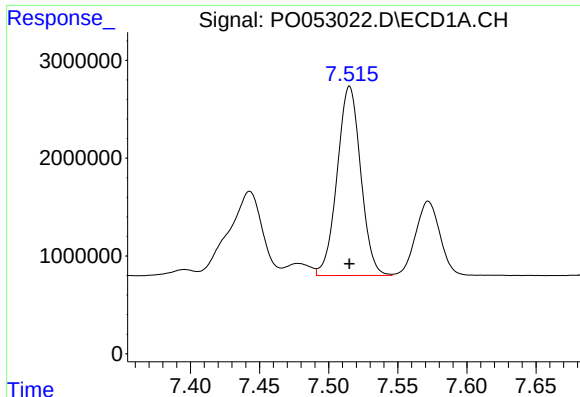
R.T.: 8.044 min  
Delta R.T.: -0.002 min  
Response: 38884123  
Conc: 637.60 ng/ml



#35 AR-1260-5

R.T.: 6.590 min  
Delta R.T.: -0.002 min  
Response: 15652250  
Conc: 652.52 ng/ml

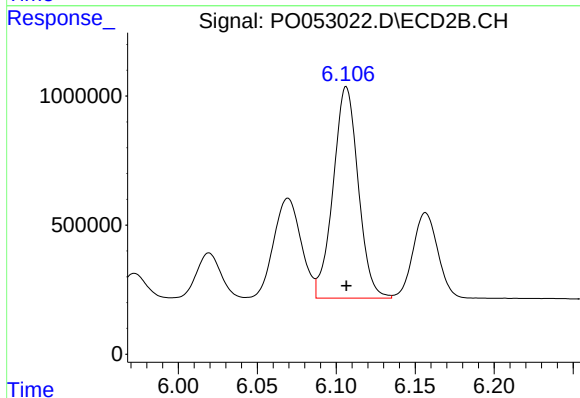




#36 AR-1262-1

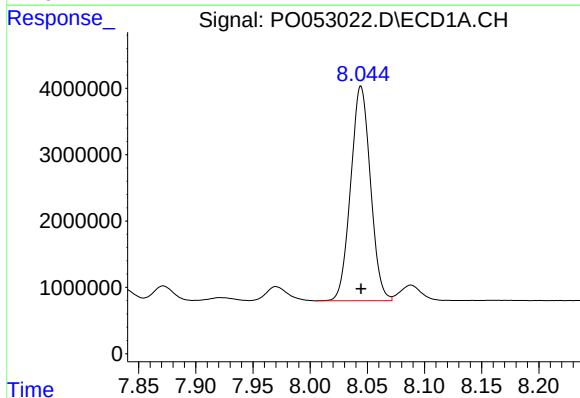
R.T.: 7.515 min  
Delta R.T.: 0.000 min  
Response: 22961772  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



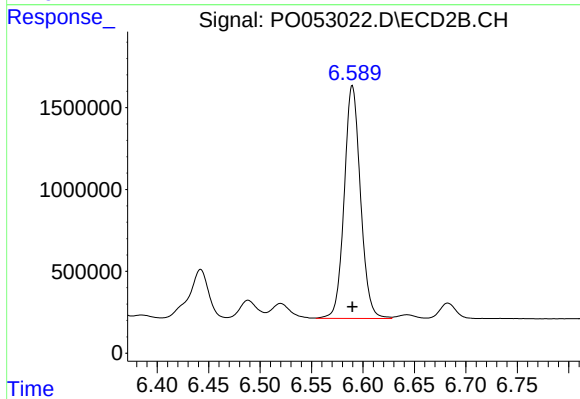
#36 AR-1262-1

R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 9066255  
Conc: 500.00 ng/ml



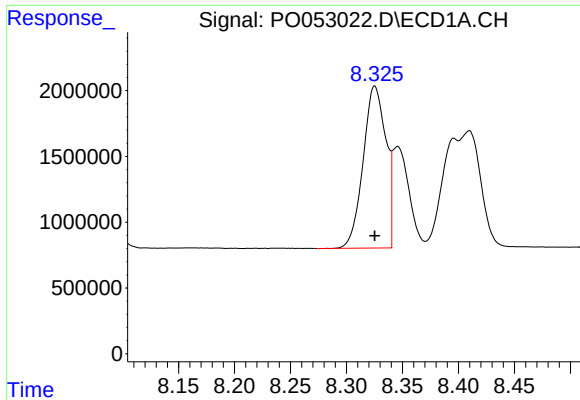
#37 AR-1262-2

R.T.: 8.044 min  
Delta R.T.: 0.000 min  
Response: 38884123  
Conc: 500.00 ng/ml



#37 AR-1262-2

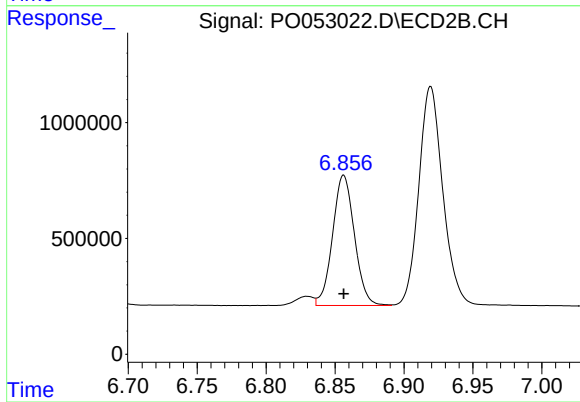
R.T.: 6.590 min  
Delta R.T.: 0.000 min  
Response: 15652250  
Conc: 500.00 ng/ml



#38 AR-1262-3

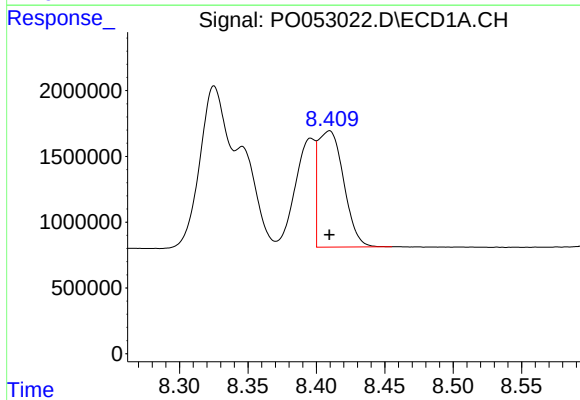
R.T.: 8.325 min  
Delta R.T.: 0.000 min  
Response: 17335943  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



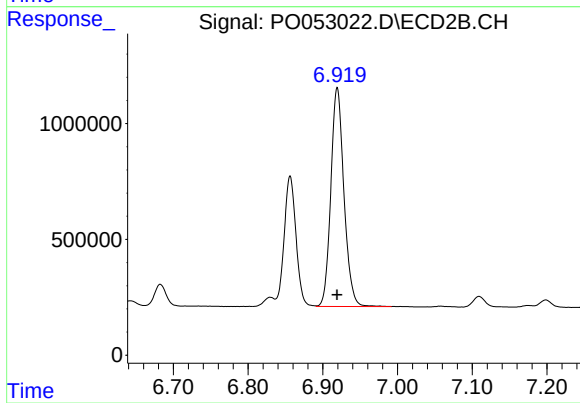
#38 AR-1262-3

R.T.: 6.856 min  
Delta R.T.: 0.000 min  
Response: 6204894  
Conc: 500.00 ng/ml



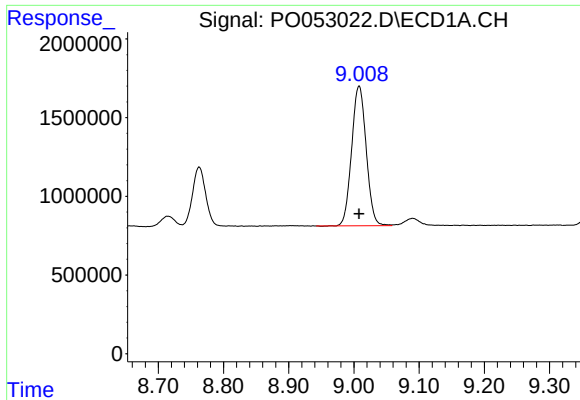
#39 AR-1262-4

R.T.: 8.409 min  
Delta R.T.: 0.000 min  
Response: 11505316  
Conc: 500.00 ng/ml



#39 AR-1262-4

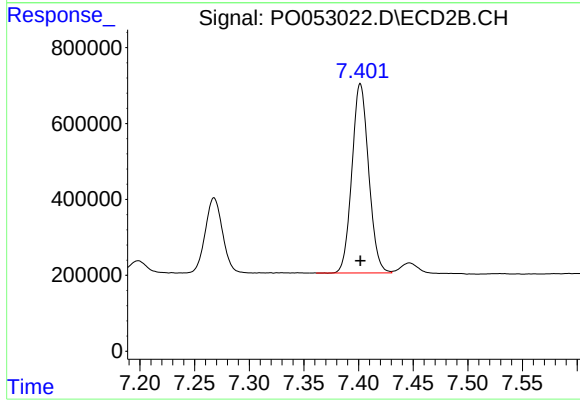
R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 11502462  
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.008 min  
Delta R.T.: 0.000 min  
Response: 13739337  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#40 AR-1262-5

R.T.: 7.402 min  
Delta R.T.: 0.000 min  
Response: 5315349  
Conc: 500.00 ng/ml