

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0102519\  
 Data File : P0063162.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 Oct 2019 14:03  
 Operator : HP/AJ  
 Sample : K5503-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 23:14:05 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0101119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 12 06:25:38 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|---------|---------|---------|-----------|
| -----                       |                 |       |       |         |         |         |           |
| System Monitoring Compounds |                 |       |       |         |         |         |           |
| 1)                          | SA Tetrachlo... | 4.316 | 3.479 | 1130475 | 970222  | 18.278  | 22.626    |
| 2)                          | SA Decachlor... | 9.935 | 8.323 | 3701627 | 2023666 | 66.156  | 68.970    |
| Target Compounds            |                 |       |       |         |         |         |           |
| 7)                          | L1 AR-1016-5    | 5.950 | 4.965 | 78348   | 27163   | 44.057  | 21.064 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.894 | 0       | 101692  | N.D.    | 86.414 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.894 | 0       | 101692  | N.D.    | 65.628 #  |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.965 | 0       | 27163   | N.D.    | 30.757 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.297 | 0       | 112471  | N.D.    | 94.254 #  |
| 23)                         | L5 AR-1248-3    | 5.950 | 0.000 | 78348   | 0       | 35.474  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.324 | 4.965 | 60759   | 27163   | 23.784  | 17.166 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.297 | 0       | 112471  | N.D.    | 73.080 #  |
| 26)                         | L6 AR-1254-1    | 6.324 | 5.297 | 60759   | 112471  | 22.794  | 45.985 #  |
| 27)                         | L6 AR-1254-2    | 6.541 | 5.441 | 163867  | 87435   | 40.080  | 41.285    |
| 28)                         | L6 AR-1254-3    | 6.906 | 5.833 | 406411  | 554471  | 97.133  | 170.179 # |
| 29)                         | L6 AR-1254-4    | 7.189 | 6.057 | 111057  | 70386   | 36.855  | 36.443    |
| 30)                         | L6 AR-1254-5    | 7.634 | 6.465 | 124988  | 600308  | 39.883  | 227.286 # |
| 31)                         | L7 AR-1260-1    | 7.066 | 5.960 | 464363  | 422298  | 163.099 | 198.753   |
| 32)                         | L7 AR-1260-2    | 7.321 | 6.146 | 580799  | 404026  | 169.302 | 159.214   |
| 33)                         | L7 AR-1260-3    | 7.679 | 6.293 | 481718  | 344907  | 182.047 | 152.742   |
| 34)                         | L7 AR-1260-4    | 7.904 | 6.755 | 504189  | 279914  | 180.258 | 159.418   |
| 35)                         | L7 AR-1260-5    | 8.215 | 6.996 | 829125  | 664075  | 158.363 | 184.340   |
| 36)                         | L8 AR-1262-1    | 7.679 | 6.555 | 481718  | 204085  | 117.353 | 171.246 # |
| 37)                         | L8 AR-1262-2    | 8.215 | 6.996 | 829125  | 664075  | 128.586 | 158.045   |
| 38)                         | L8 AR-1262-3    | 8.529 | 7.273 | 332699  | 224563  | 75.659  | 127.679 # |
| 39)                         | L8 AR-1262-4    | 8.601 | 7.336 | 197803  | 486878  | 57.252  | 159.261 # |
| 40)                         | L8 AR-1262-5    | 9.228 | 7.826 | 280088  | 176330  | 124.005 | 135.013   |
| 41)                         | L9 AR-1268-1    | 8.529 | 7.273 | 332699  | 224563  | 43.950  | 47.953    |
| 42)                         | L9 AR-1268-2    | 8.601 | 7.336 | 197803  | 486878  | 28.158  | 116.540 # |
| 43)                         | L9 AR-1268-3    | 8.819 | 7.538 | 434153  | 282766  | 72.426  | 81.152    |
| 44)                         | L9 AR-1268-4    | 9.228 | 7.826 | 280088  | 176330  | 117.882 | 123.751   |
| 45)                         | L9 AR-1268-5    | 9.619 | 8.095 | 1097560 | 580234  | 60.896  | 62.675    |
| -----                       |                 |       |       |         |         |         |           |

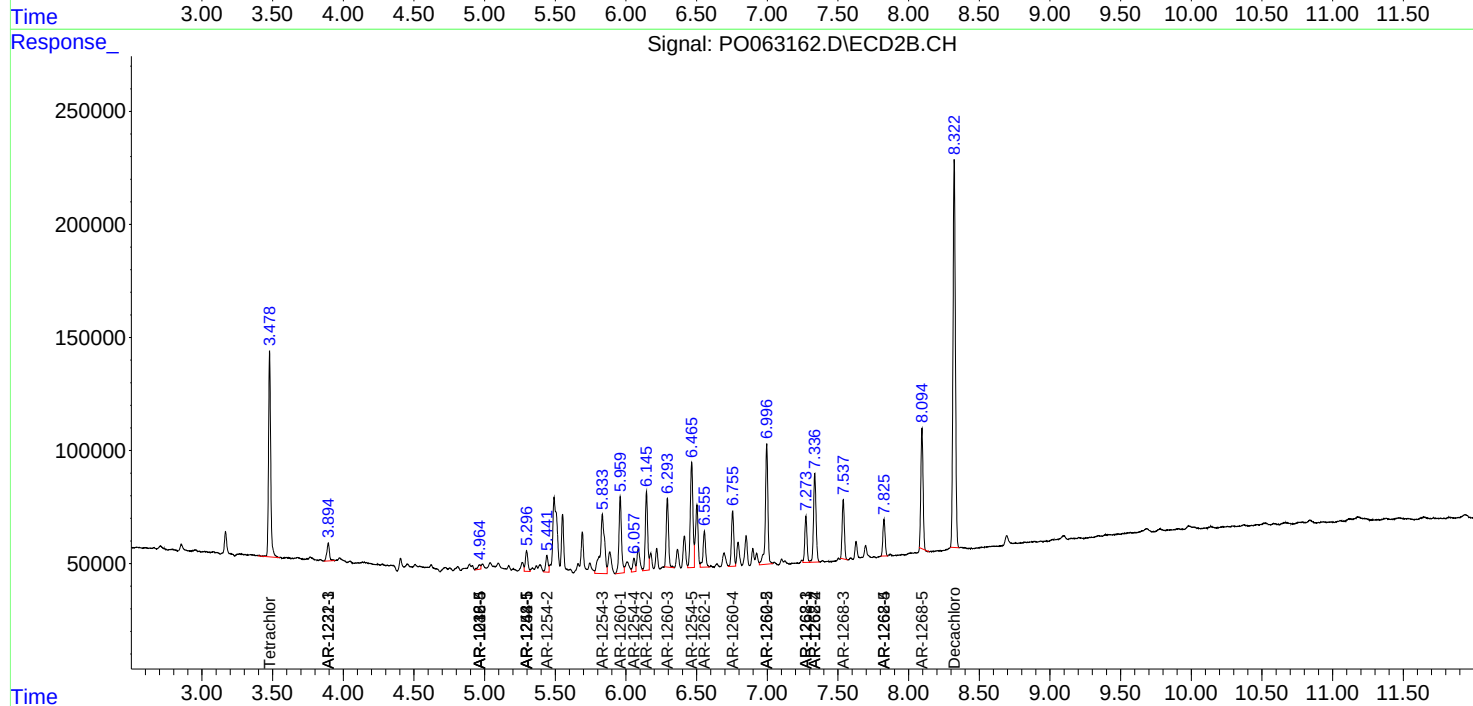
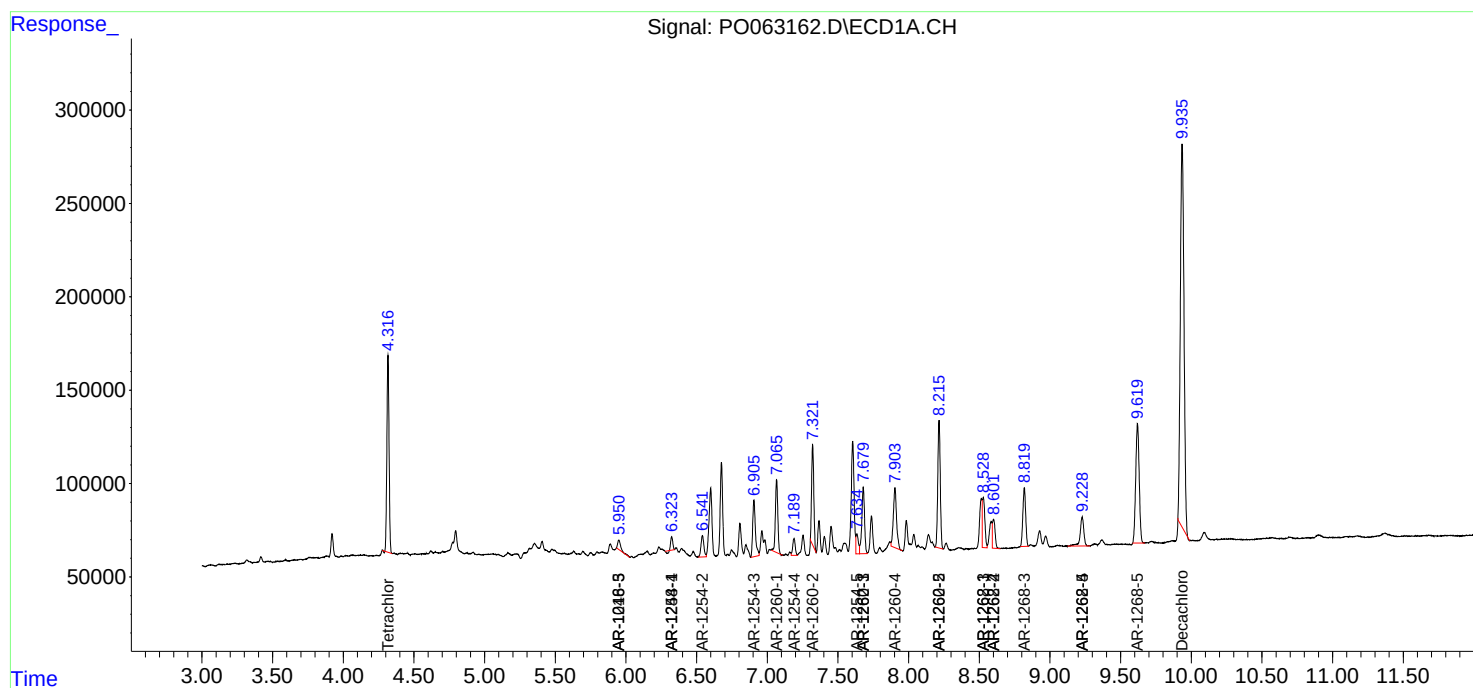
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

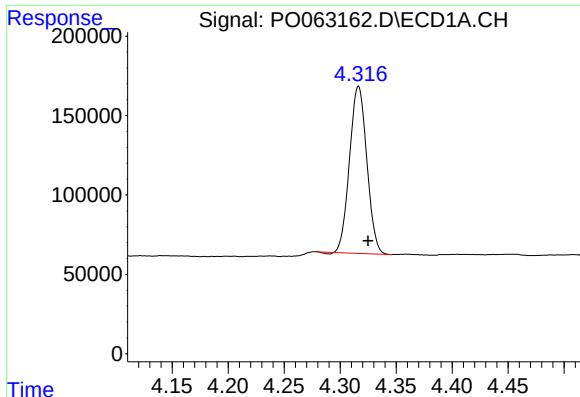
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102519\  
Data File : P0063162.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 Oct 2019 14:03  
Operator : HP/AJ  
Sample : K5503-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 23:14:05 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 12 06:25:38 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

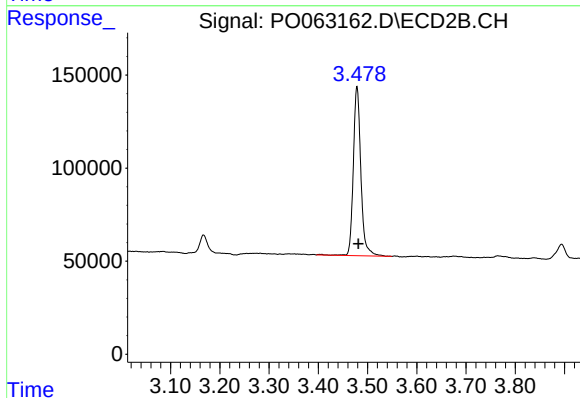




#1 Tetrachloro-m-xylene

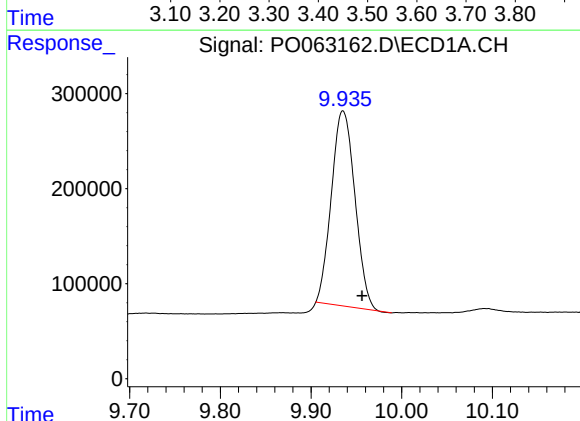
R.T.: 4.316 min  
Delta R.T.: -0.009 min  
Response: 1130475  
Conc: 18.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



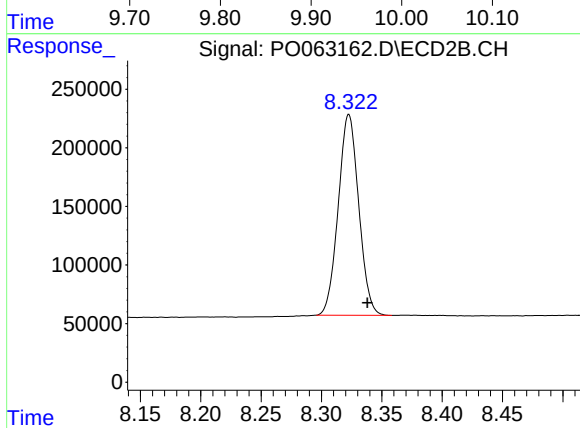
#1 Tetrachloro-m-xylene

R.T.: 3.479 min  
Delta R.T.: -0.003 min  
Response: 970222  
Conc: 22.63 ng/ml



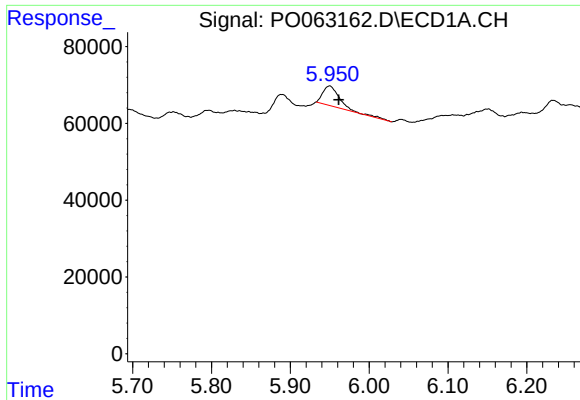
#2 Decachlorobiphenyl

R.T.: 9.935 min  
Delta R.T.: -0.021 min  
Response: 3701627  
Conc: 66.16 ng/ml



#2 Decachlorobiphenyl

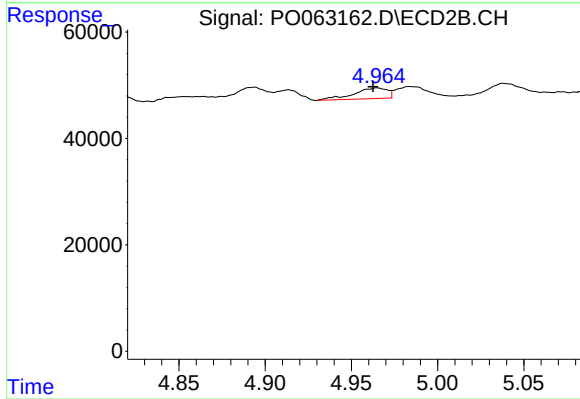
R.T.: 8.323 min  
Delta R.T.: -0.015 min  
Response: 2023666  
Conc: 68.97 ng/ml



#7 AR-1016-5

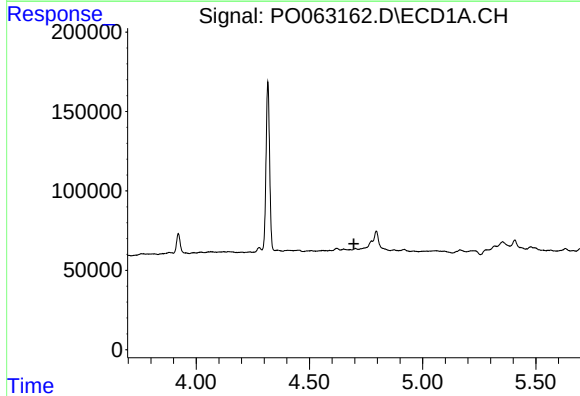
R.T.: 5.950 min  
Delta R.T.: -0.011 min  
Response: 78348  
Conc: 44.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



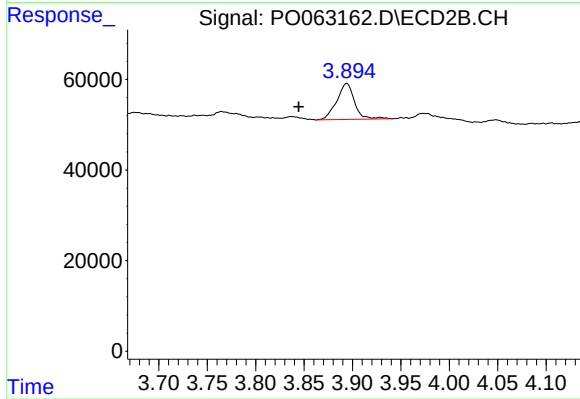
#7 AR-1016-5

R.T.: 4.965 min  
Delta R.T.: 0.002 min  
Response: 27163  
Conc: 21.06 ng/ml



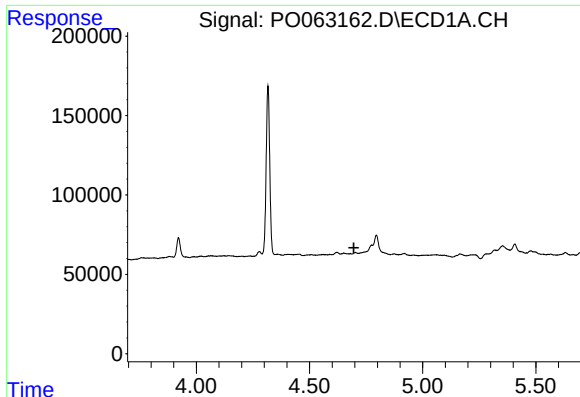
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.696 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

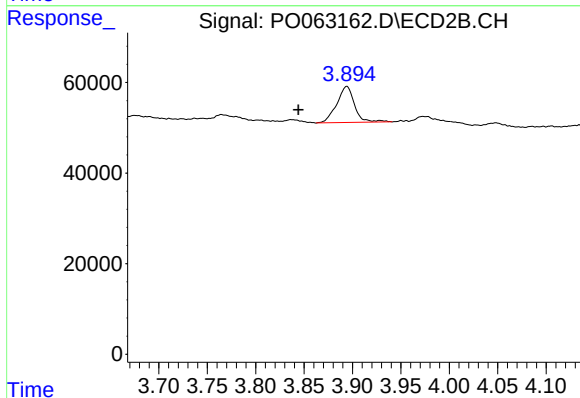
R.T.: 3.894 min  
Delta R.T.: 0.050 min  
Response: 101692  
Conc: 86.41 ng/ml



#11 AR-1232-1

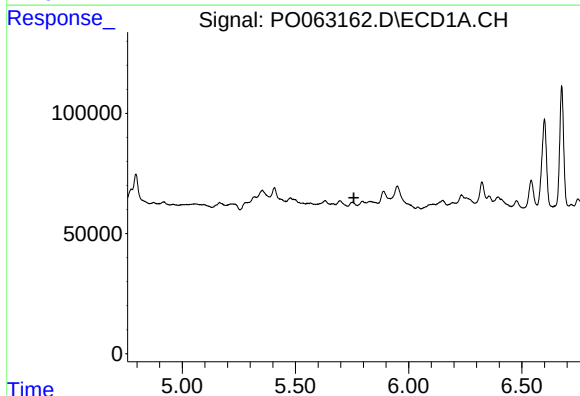
R.T.: 0.000 min  
Exp R.T.: 4.696 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



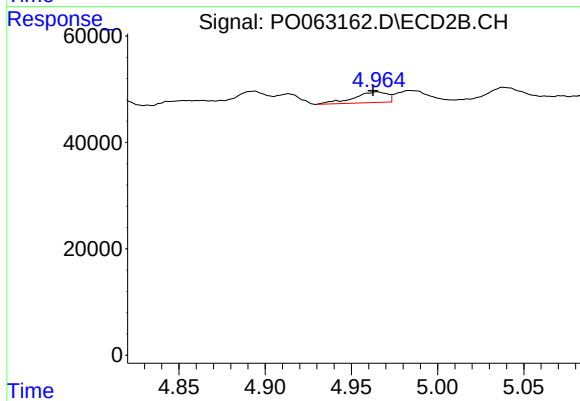
#11 AR-1232-1

R.T.: 3.894 min  
Delta R.T.: 0.050 min  
Response: 101692  
Conc: 65.63 ng/ml



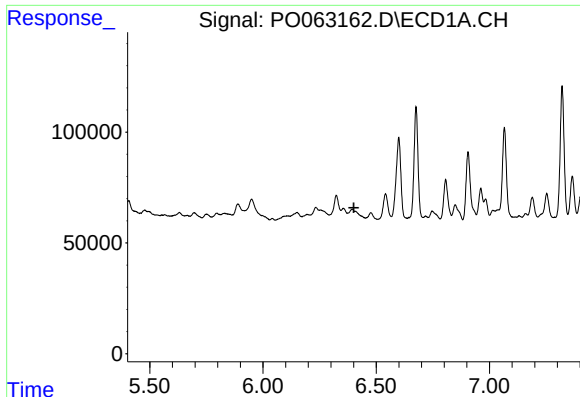
#15 AR-1232-5

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



#15 AR-1232-5

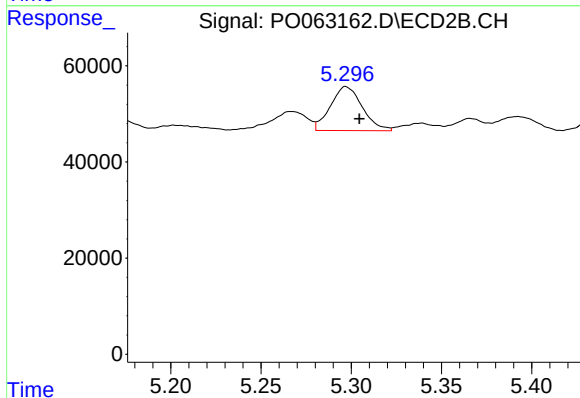
R.T.: 4.965 min  
Delta R.T.: 0.002 min  
Response: 27163  
Conc: 30.76 ng/ml



#20 AR-1242-5

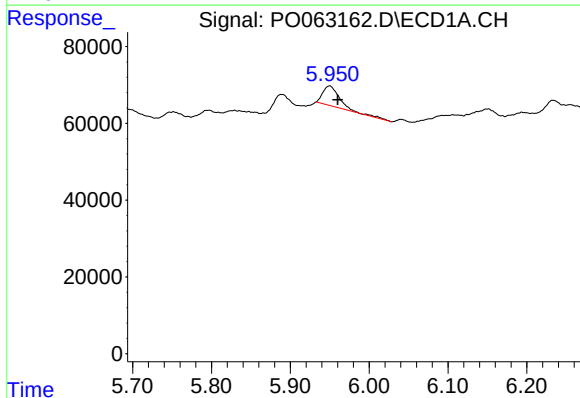
R.T.: 0.000 min  
Exp R.T.: 6.401 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



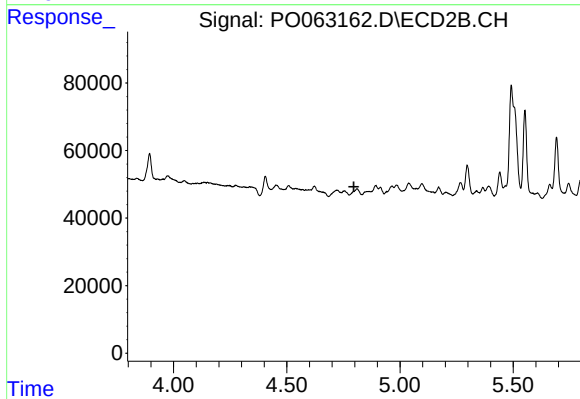
#20 AR-1242-5

R.T.: 5.297 min  
Delta R.T.: -0.007 min  
Response: 112471  
Conc: 94.25 ng/ml



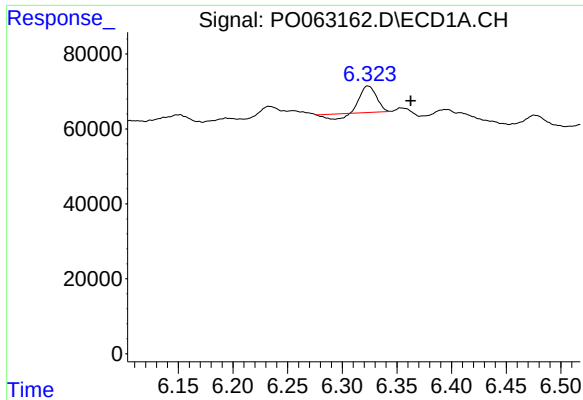
#23 AR-1248-3

R.T.: 5.950 min  
Delta R.T.: -0.010 min  
Response: 78348  
Conc: 35.47 ng/ml



#23 AR-1248-3

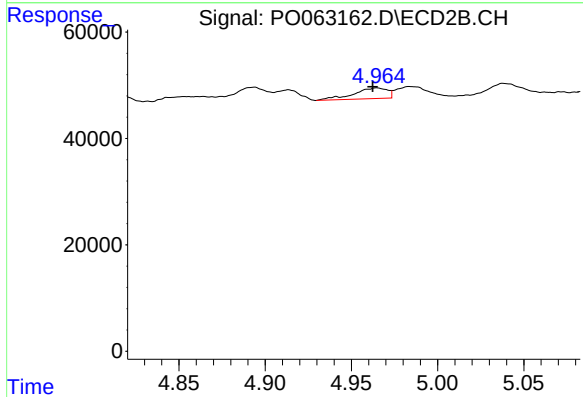
R.T.: 0.000 min  
Exp R.T.: 4.796 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

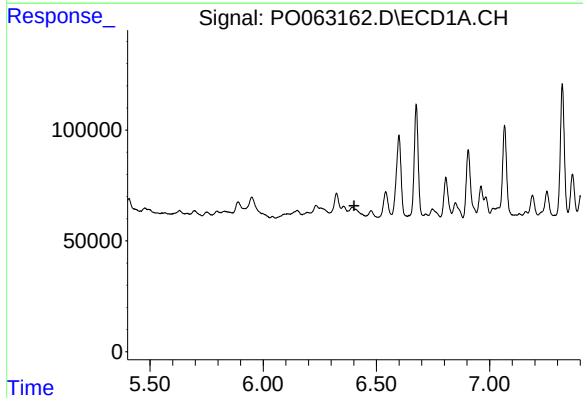
R.T.: 6.324 min  
Delta R.T.: -0.039 min  
Response: 60759  
Conc: 23.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



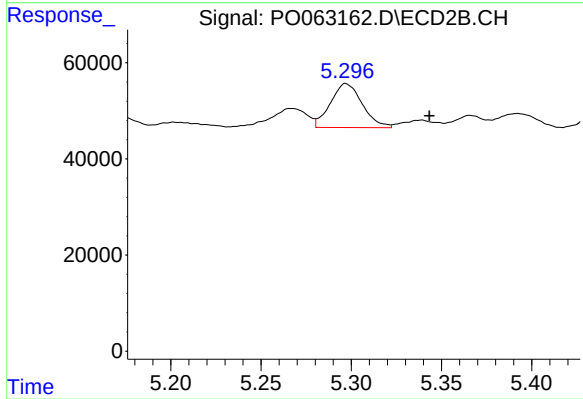
#24 AR-1248-4

R.T.: 4.965 min  
Delta R.T.: 0.003 min  
Response: 27163  
Conc: 17.17 ng/ml



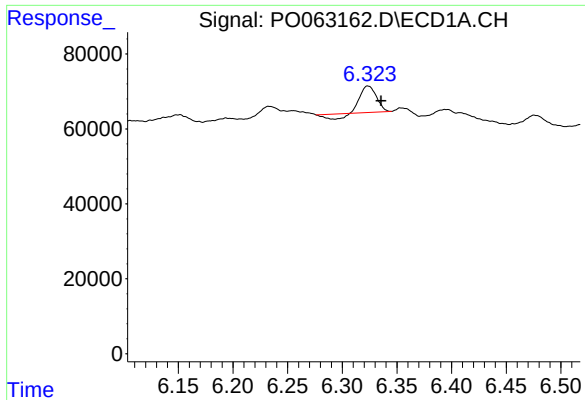
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.401 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

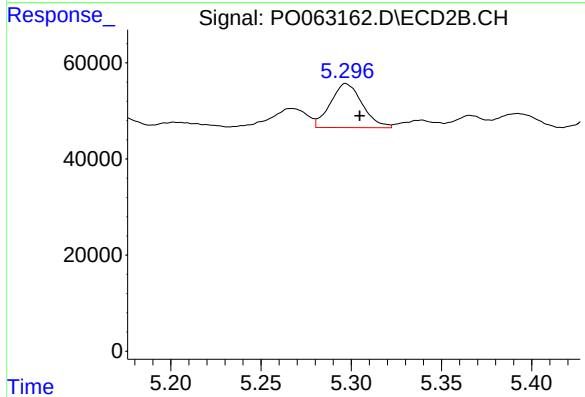
R.T.: 5.297 min  
Delta R.T.: -0.046 min  
Response: 112471  
Conc: 73.08 ng/ml



#26 AR-1254-1

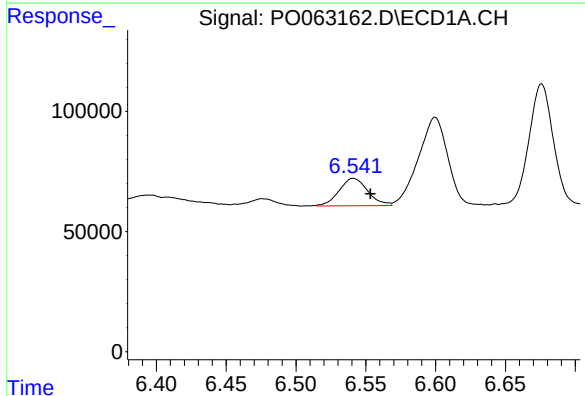
R.T.: 6.324 min  
Delta R.T.: -0.012 min  
Response: 60759  
Conc: 22.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



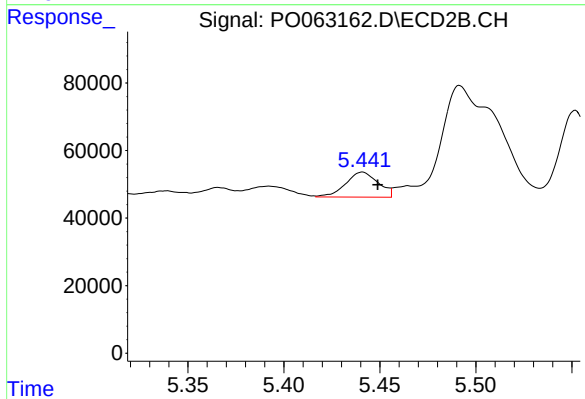
#26 AR-1254-1

R.T.: 5.297 min  
Delta R.T.: -0.008 min  
Response: 112471  
Conc: 45.99 ng/ml



#27 AR-1254-2

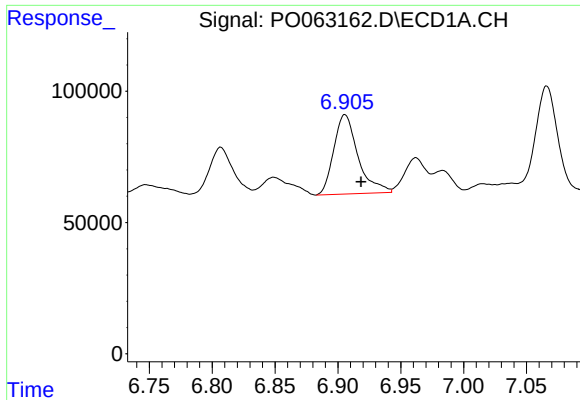
R.T.: 6.541 min  
Delta R.T.: -0.012 min  
Response: 163867  
Conc: 40.08 ng/ml



#27 AR-1254-2

R.T.: 5.441 min  
Delta R.T.: -0.008 min  
Response: 87435  
Conc: 41.28 ng/ml

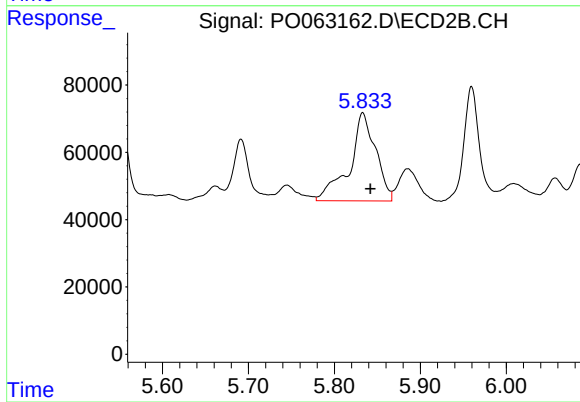




#28 AR-1254-3

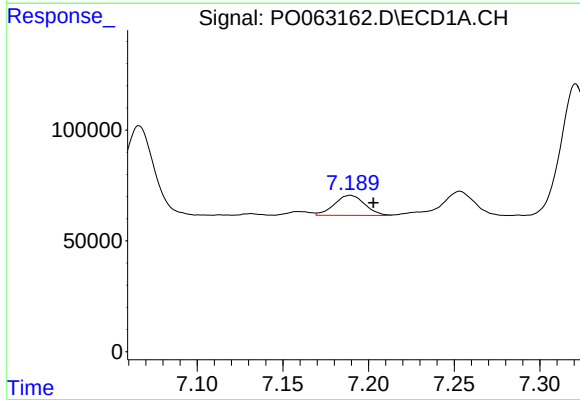
R.T.: 6.906 min  
Delta R.T.: -0.013 min  
Response: 406411  
Conc: 97.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



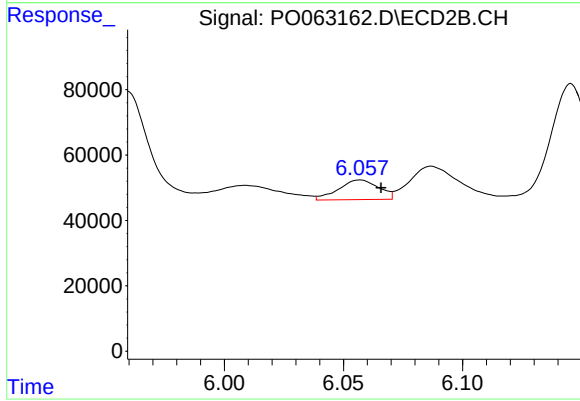
#28 AR-1254-3

R.T.: 5.833 min  
Delta R.T.: -0.009 min  
Response: 554471  
Conc: 170.18 ng/ml



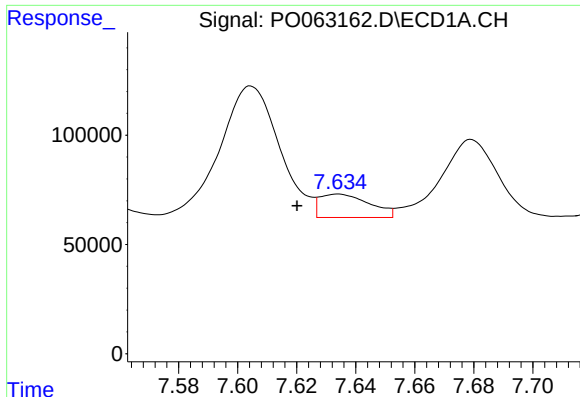
#29 AR-1254-4

R.T.: 7.189 min  
Delta R.T.: -0.014 min  
Response: 111057  
Conc: 36.86 ng/ml



#29 AR-1254-4

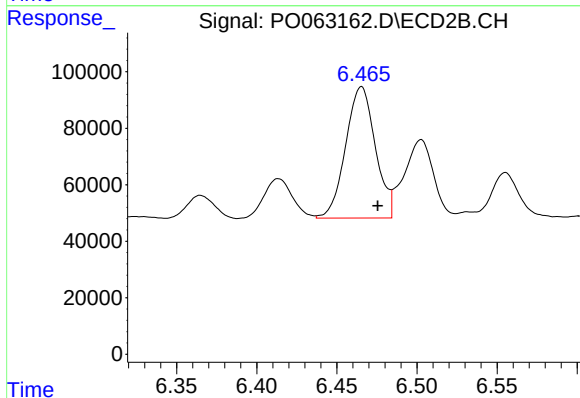
R.T.: 6.057 min  
Delta R.T.: -0.009 min  
Response: 70386  
Conc: 36.44 ng/ml



#30 AR-1254-5

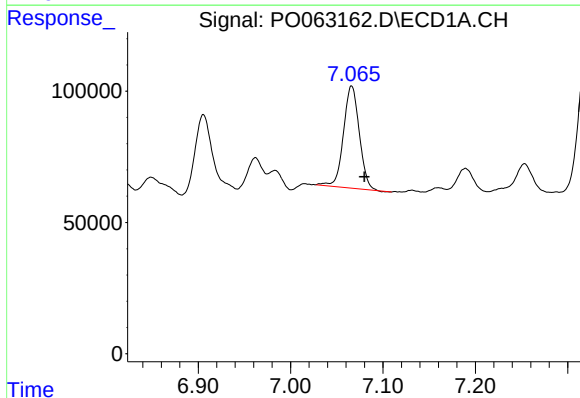
R.T.: 7.634 min  
Delta R.T.: 0.014 min  
Response: 124988  
Conc: 39.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



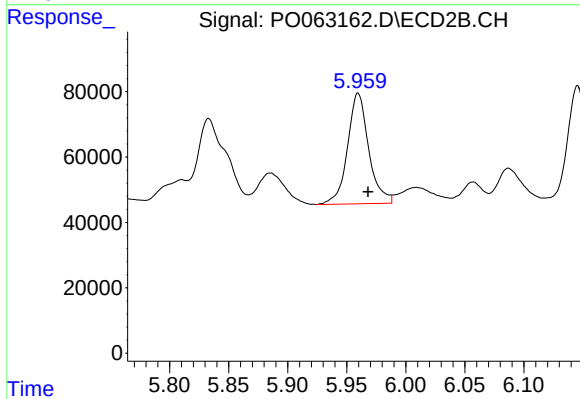
#30 AR-1254-5

R.T.: 6.465 min  
Delta R.T.: -0.010 min  
Response: 600308  
Conc: 227.29 ng/ml



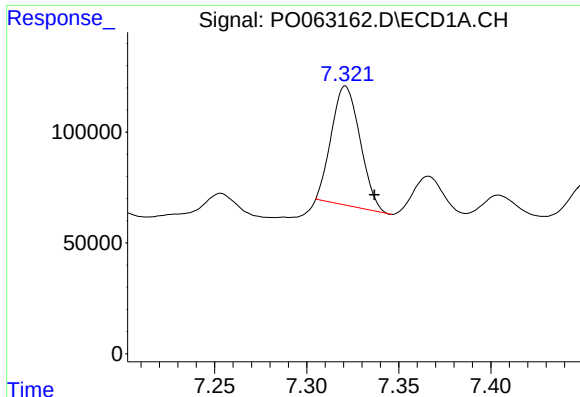
#31 AR-1260-1

R.T.: 7.066 min  
Delta R.T.: -0.014 min  
Response: 464363  
Conc: 163.10 ng/ml



#31 AR-1260-1

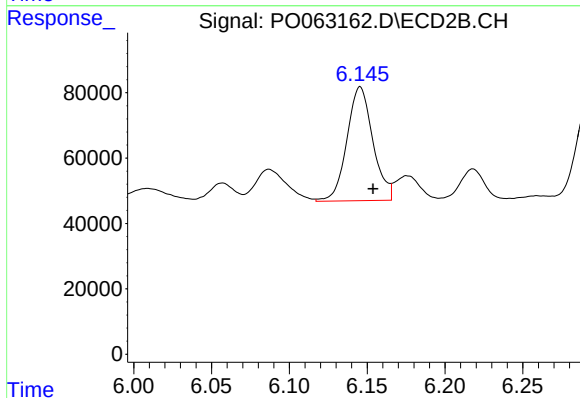
R.T.: 5.960 min  
Delta R.T.: -0.008 min  
Response: 422298  
Conc: 198.75 ng/ml



#32 AR-1260-2

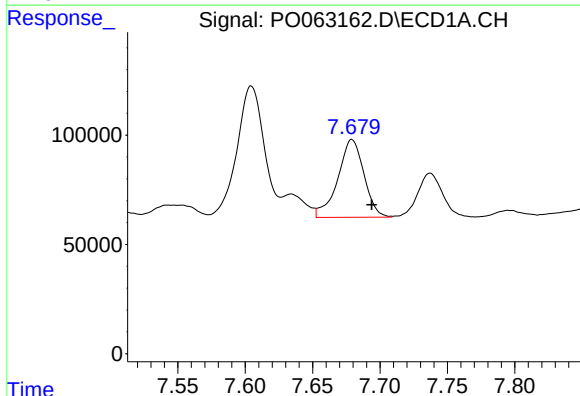
R.T.: 7.321 min  
Delta R.T.: -0.016 min  
Response: 580799  
Conc: 169.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



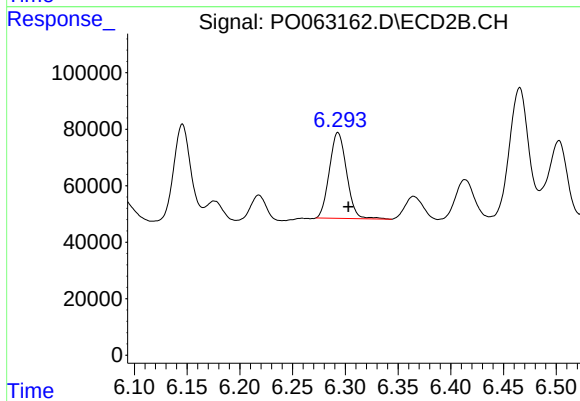
#32 AR-1260-2

R.T.: 6.146 min  
Delta R.T.: -0.008 min  
Response: 404026  
Conc: 159.21 ng/ml



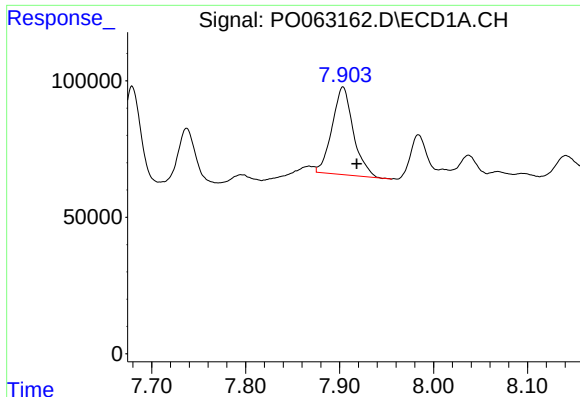
#33 AR-1260-3

R.T.: 7.679 min  
Delta R.T.: -0.015 min  
Response: 481718  
Conc: 182.05 ng/ml



#33 AR-1260-3

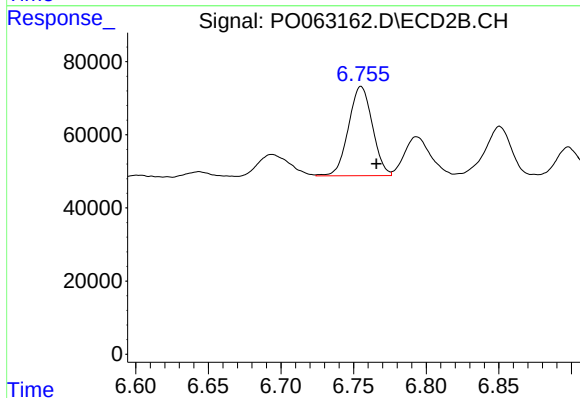
R.T.: 6.293 min  
Delta R.T.: -0.010 min  
Response: 344907  
Conc: 152.74 ng/ml



#34 AR-1260-4

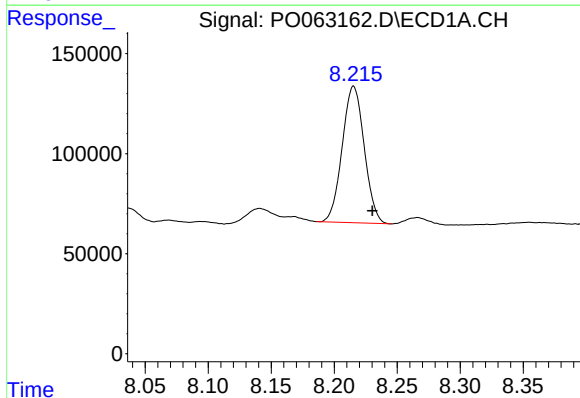
R.T.: 7.904 min  
Delta R.T.: -0.015 min  
Response: 504189  
Conc: 180.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



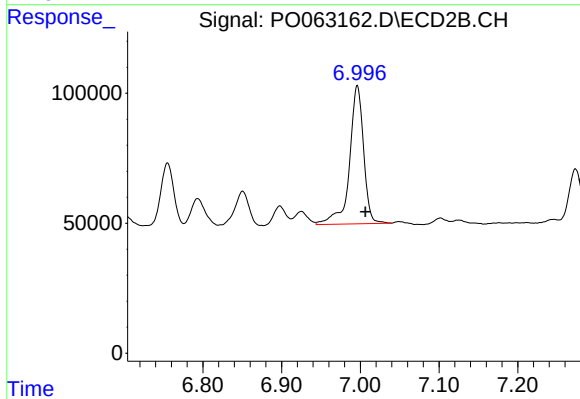
#34 AR-1260-4

R.T.: 6.755 min  
Delta R.T.: -0.011 min  
Response: 279914  
Conc: 159.42 ng/ml



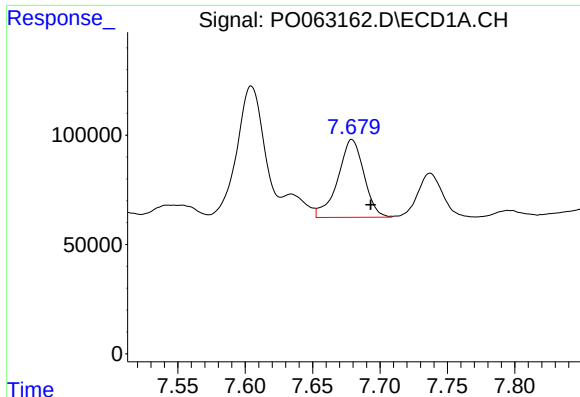
#35 AR-1260-5

R.T.: 8.215 min  
Delta R.T.: -0.015 min  
Response: 829125  
Conc: 158.36 ng/ml



#35 AR-1260-5

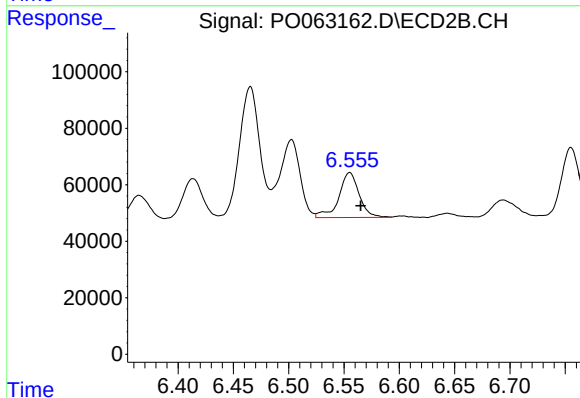
R.T.: 6.996 min  
Delta R.T.: -0.010 min  
Response: 664075  
Conc: 184.34 ng/ml



#36 AR-1262-1

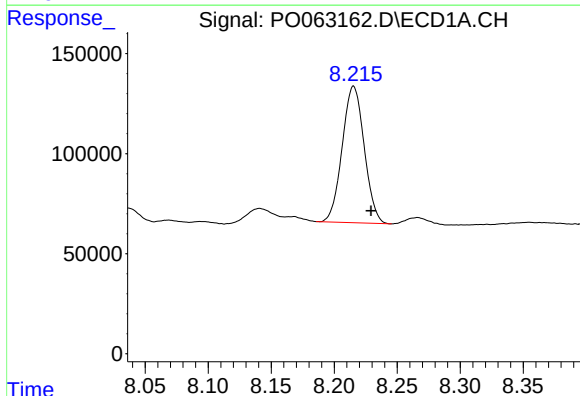
R.T.: 7.679 min  
Delta R.T.: -0.014 min  
Response: 481718  
Conc: 117.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



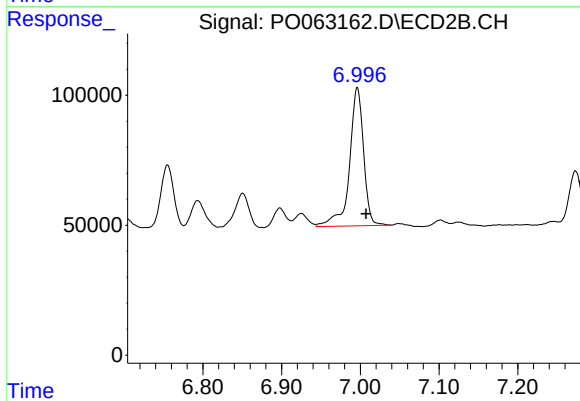
#36 AR-1262-1

R.T.: 6.555 min  
Delta R.T.: -0.010 min  
Response: 204085  
Conc: 171.25 ng/ml



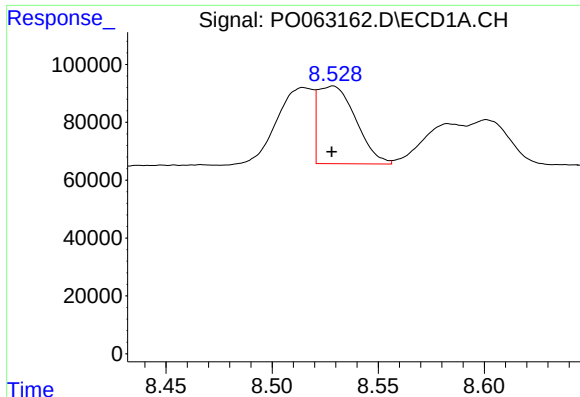
#37 AR-1262-2

R.T.: 8.215 min  
Delta R.T.: -0.014 min  
Response: 829125  
Conc: 128.59 ng/ml



#37 AR-1262-2

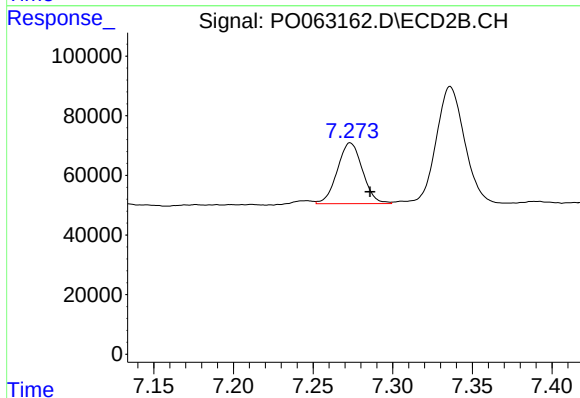
R.T.: 6.996 min  
Delta R.T.: -0.011 min  
Response: 664075  
Conc: 158.05 ng/ml



#38 AR-1262-3

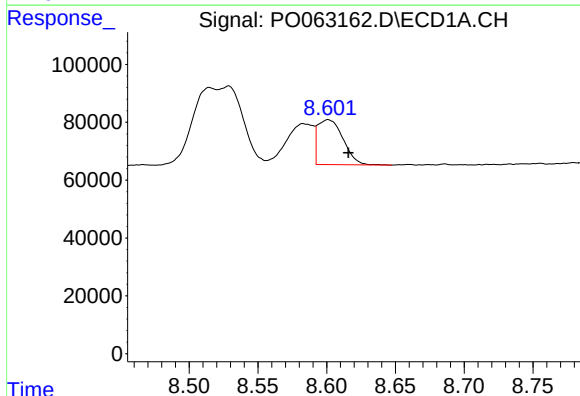
R.T.: 8.529 min  
Delta R.T.: 0.000 min  
Response: 332699  
Conc: 75.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



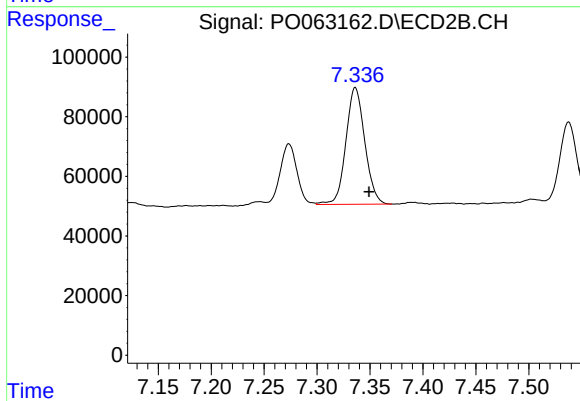
#38 AR-1262-3

R.T.: 7.273 min  
Delta R.T.: -0.012 min  
Response: 224563  
Conc: 127.68 ng/ml



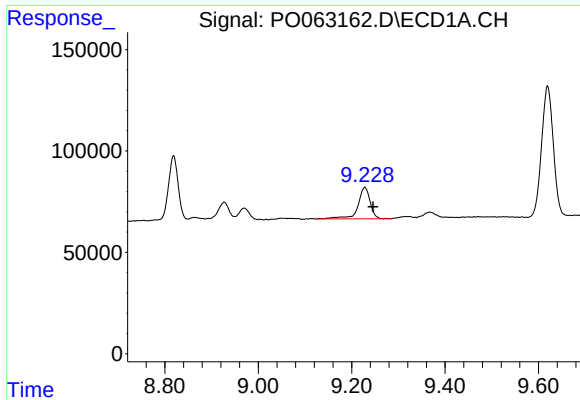
#39 AR-1262-4

R.T.: 8.601 min  
Delta R.T.: -0.015 min  
Response: 197803  
Conc: 57.25 ng/ml



#39 AR-1262-4

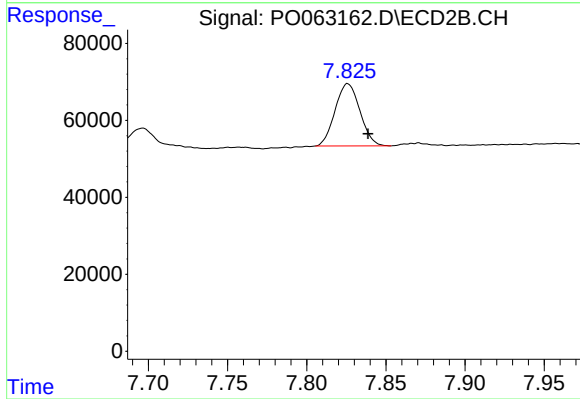
R.T.: 7.336 min  
Delta R.T.: -0.013 min  
Response: 486878  
Conc: 159.26 ng/ml



#40 AR-1262-5

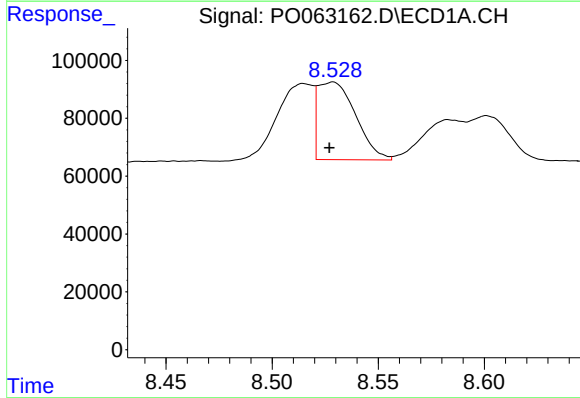
R.T.: 9.228 min  
Delta R.T.: -0.017 min  
Response: 280088  
Conc: 124.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



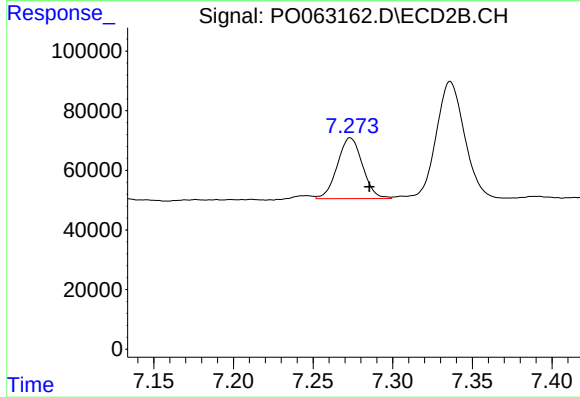
#40 AR-1262-5

R.T.: 7.826 min  
Delta R.T.: -0.013 min  
Response: 176330  
Conc: 135.01 ng/ml



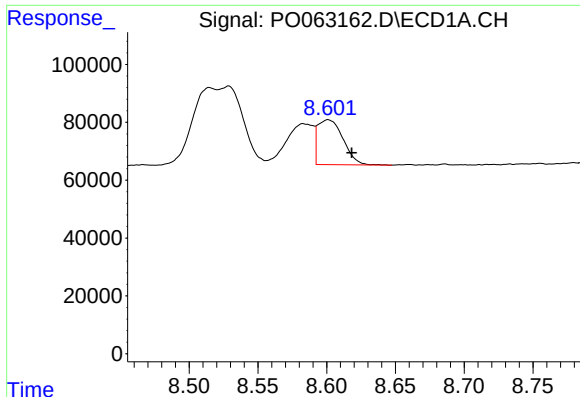
#41 AR-1268-1

R.T.: 8.529 min  
Delta R.T.: 0.002 min  
Response: 332699  
Conc: 43.95 ng/ml



#41 AR-1268-1

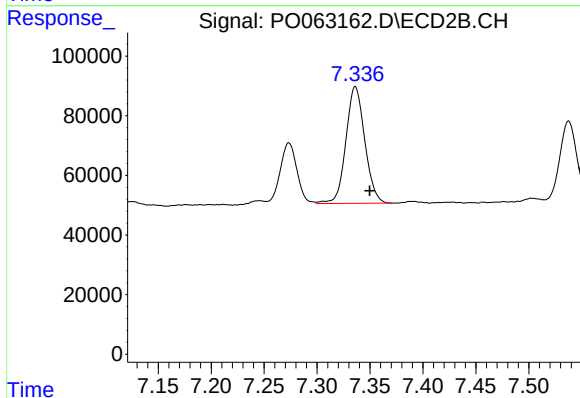
R.T.: 7.273 min  
Delta R.T.: -0.012 min  
Response: 224563  
Conc: 47.95 ng/ml



#42 AR-1268-2

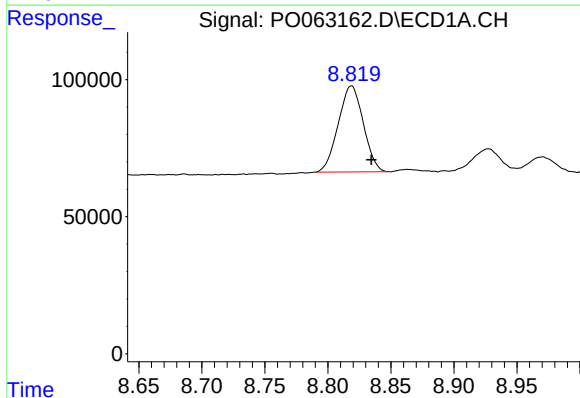
R.T.: 8.601 min  
Delta R.T.: -0.017 min  
Response: 197803  
Conc: 28.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



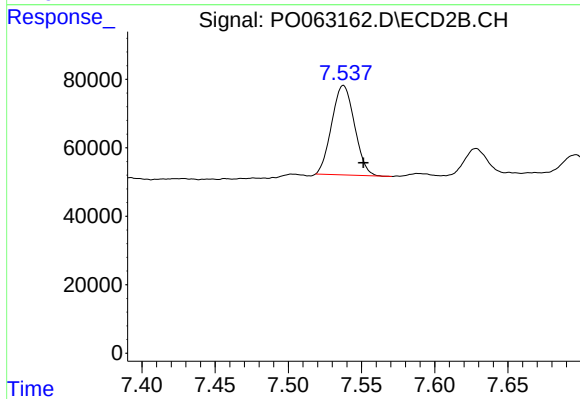
#42 AR-1268-2

R.T.: 7.336 min  
Delta R.T.: -0.014 min  
Response: 486878  
Conc: 116.54 ng/ml



#43 AR-1268-3

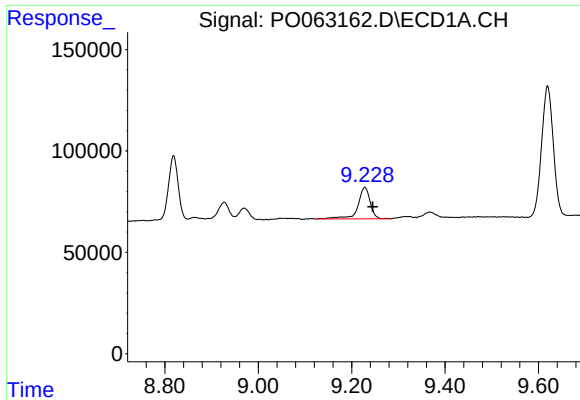
R.T.: 8.819 min  
Delta R.T.: -0.016 min  
Response: 434153  
Conc: 72.43 ng/ml



#43 AR-1268-3

R.T.: 7.538 min  
Delta R.T.: -0.014 min  
Response: 282766  
Conc: 81.15 ng/ml

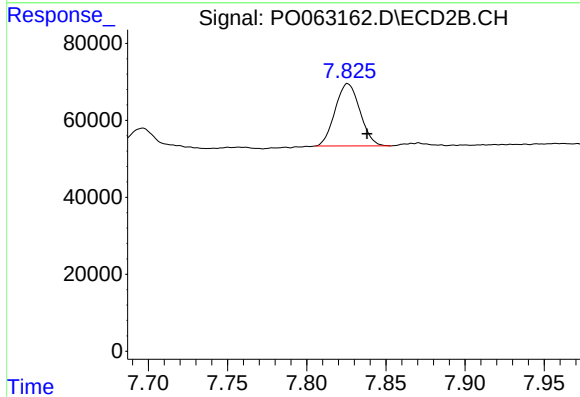




#44 AR-1268-4

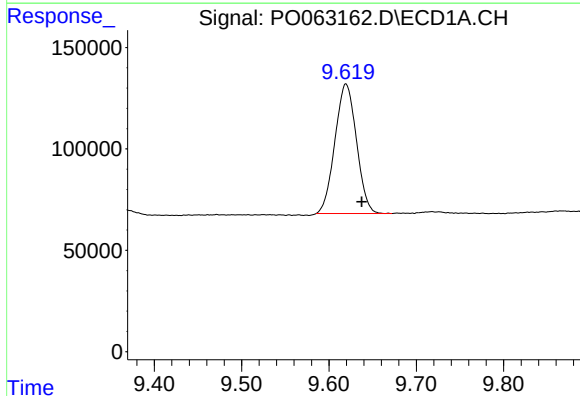
R.T.: 9.228 min  
Delta R.T.: -0.017 min  
Response: 280088  
Conc: 117.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



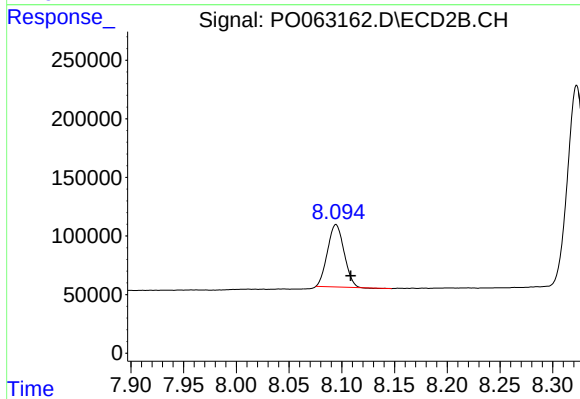
#44 AR-1268-4

R.T.: 7.826 min  
Delta R.T.: -0.012 min  
Response: 176330  
Conc: 123.75 ng/ml



#45 AR-1268-5

R.T.: 9.619 min  
Delta R.T.: -0.018 min  
Response: 1097560  
Conc: 60.90 ng/ml



#45 AR-1268-5

R.T.: 8.095 min  
Delta R.T.: -0.014 min  
Response: 580234  
Conc: 62.68 ng/ml