

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071319\  
 Data File : P0057891.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Jul 2019 13:40  
 Operator : SM/AJ  
 Sample : K3771-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 S12-07-S

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 14:10:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0062419.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jun 24 14:02:43 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... | 4.205 | 3.543 | 896816   | 752408  | 22.830  | 21.398     |
| 2)                          | SA Decachlor... | 9.731 | 8.452 | 1846872  | 1914553 | 32.843  | 51.182 #   |
| Target Compounds            |                 |       |       |          |         |         |            |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.837 | 0        | 17441   | N.D.    | 16.473 #   |
| 6)                          | L1 AR-1016-4    | 5.633 | 4.837 | 70649    | 17441   | 54.480  | 19.603 #   |
| 7)                          | L1 AR-1016-5    | 5.916 | 5.010 | 22759    | 30064   | 16.651  | 26.316 #   |
| 10)                         | L2 AR-1221-3    | 4.659 | 3.955 | 147493   | 166737  | 139.721 | 190.373 #  |
| 11)                         | L3 AR-1232-1    | 4.659 | 3.955 | 147493   | 166737  | 164.300 | 223.192 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.837 | 0        | 17441   | N.D.    | 40.379 #   |
| 14)                         | L3 AR-1232-4    | 5.633 | 4.877 | 70649    | 16296   | 132.919 | 42.862 #   |
| 15)                         | L3 AR-1232-5    | 5.676 | 5.010 | 31543    | 30064   | 76.387  | 70.616     |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.837 | 0        | 17441   | N.D.    | 20.570 #   |
| 19)                         | L4 AR-1242-4    | 5.633 | 4.877 | 70649    | 16296   | 65.119  | 19.528 #   |
| 20)                         | L4 AR-1242-5    | 6.314 | 5.424 | 215812   | 216134  | 166.320 | 215.818 #  |
| 22)                         | L5 AR-1248-2    | 5.676 | 4.837 | 31543    | 17441   | 18.171  | 13.569 #   |
| 23)                         | L5 AR-1248-3    | 5.916 | 4.877 | 22759    | 16296   | 11.686  | 12.349     |
| 24)                         | L5 AR-1248-4    | 6.275 | 5.010 | 208272   | 30064   | 88.859  | 18.576 #   |
| 25)                         | L5 AR-1248-5    | 6.314 | 5.483 | 215812   | 406092  | 96.105  | 262.576 #  |
| 26)                         | L6 AR-1254-1    | 6.235 | 5.424 | 464095   | 216134  | 238.271 | 101.628 #  |
| 27)                         | L6 AR-1254-2    | 6.471 | 5.539 | 1702765  | 779164  | 546.324 | 418.623    |
| 28)                         | L6 AR-1254-3    | 6.841 | 5.938 | 339958   | 1761248 | 102.828 | 584.896 #  |
| 29)                         | L6 AR-1254-4    | 7.109 | 6.202 | 327806   | 549745  | 120.788 | 305.404 #  |
| 30)                         | L6 AR-1254-5    | 7.511 | 6.604 | 1693239  | 800738  | 605.618 | 295.573 #  |
| 31)                         | L7 AR-1260-1    | 6.946 | 6.064 | 1162100  | 975872  | 419.323 | 455.953    |
| 32)                         | L7 AR-1260-2    | 7.246 | 6.289 | 925723   | 592352  | 251.105 | 215.901    |
| 33)                         | L7 AR-1260-3    | 7.614 | 6.439 | 341881   | 64338   | 112.530 | 26.352 #   |
| 34)                         | L7 AR-1260-4    | 7.794 | 6.907 | 1091812  | 793024  | 360.009 | 380.888    |
| 35)                         | L7 AR-1260-5    | 8.132 | 7.143 | 298173   | 122810  | 47.681  | 24.213 #   |
| 36)                         | L8 AR-1262-1    | 7.614 | 6.644 | 341881   | 153916  | 75.224  | 41.118 #   |
| 37)                         | L8 AR-1262-2    | 8.132 | 7.143 | 298173   | 122810  | 41.617  | 20.669 #   |
| 38)                         | L8 AR-1262-3    | 8.372 | 7.387 | 4214678  | 3269111 | 858.369 | 1278.084 # |
| 39)                         | L8 AR-1262-4    | 8.459 | 7.454 | 2183133  | 2197629 | 536.618 | 498.628    |
| 40)                         | L8 AR-1262-5    | 9.063 | 7.944 | 476382   | 375796  | 188.914 | 205.774    |
| 41)                         | L9 AR-1268-1    | 8.372 | 7.387 | 4214678  | 3269111 | 499.839 | 477.452    |
| 42)                         | L9 AR-1268-2    | 8.459 | 7.454 | 2183133  | 2197629 | 273.424 | 346.243 #  |
| 43)                         | L9 AR-1268-3    | 8.663 | 7.652 | 4400873  | 3596506 | 652.840 | 672.148    |
| 44)                         | L9 AR-1268-4    | 9.063 | 7.944 | 476382   | 375796  | 184.888 | 187.580    |
| 45)                         | L9 AR-1268-5    | 9.434 | 8.218 | 10938970 | 8884729 | 552.995 | 578.204    |
| -----                       |                 |       |       |          |         |         |            |

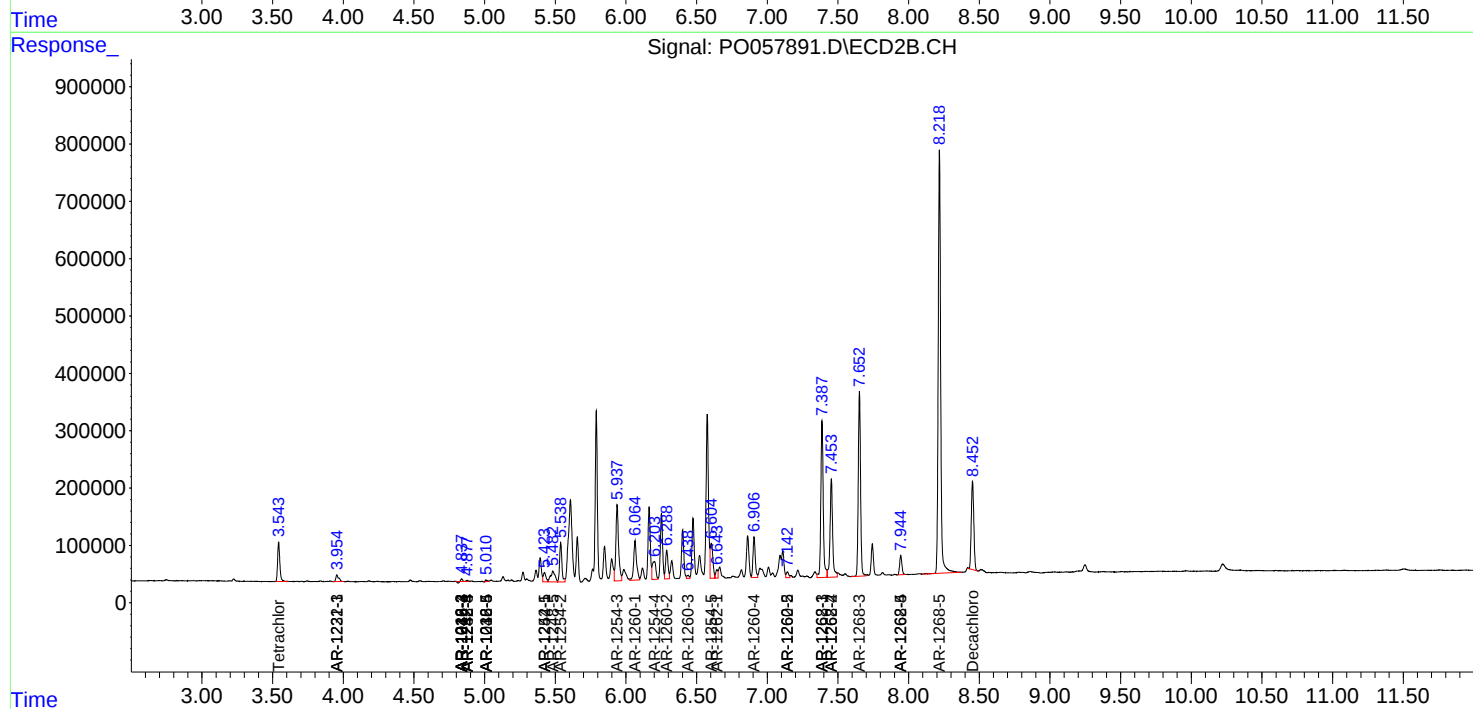
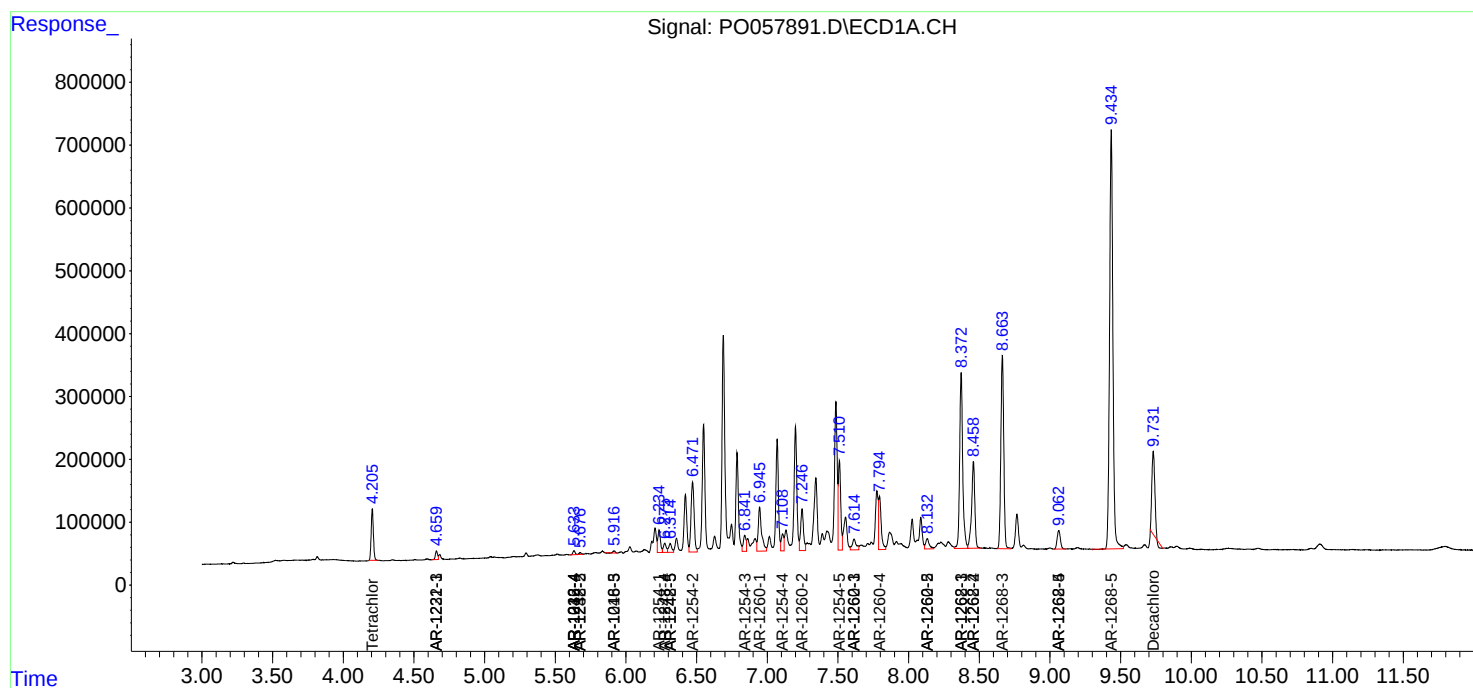
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

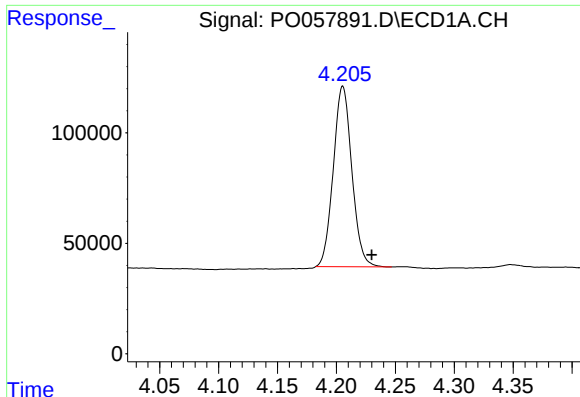
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071319\  
Data File : P0057891.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Jul 2019 13:40  
Operator : SM/AJ  
Sample : K3771-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 12 14:10:14 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0062419.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jun 24 14:02:43 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

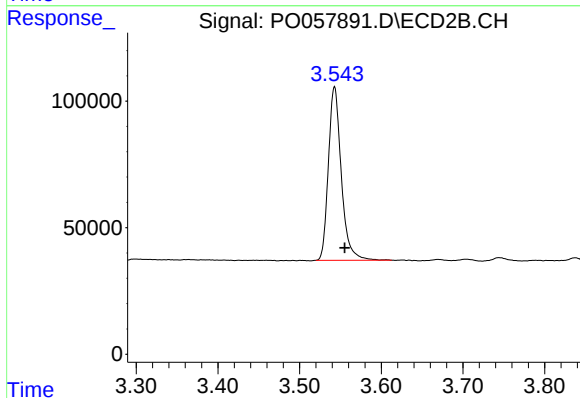




#1 Tetrachloro-m-xylene

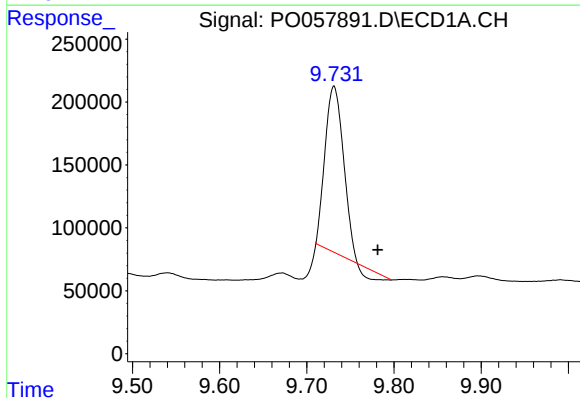
R.T.: 4.205 min  
Delta R.T.: -0.025 min  
Response: 896816  
Conc: 22.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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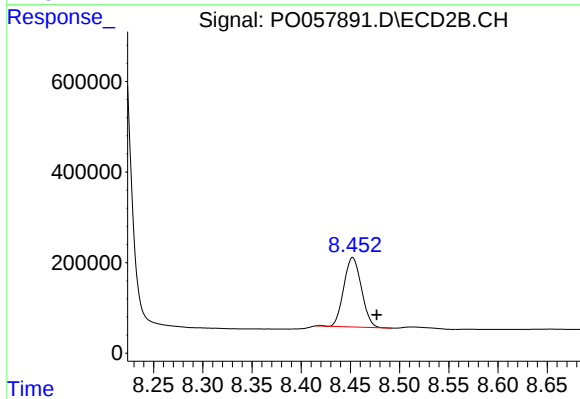
#1 Tetrachloro-m-xylene

R.T.: 3.543 min  
Delta R.T.: -0.012 min  
Response: 752408  
Conc: 21.40 ng/ml



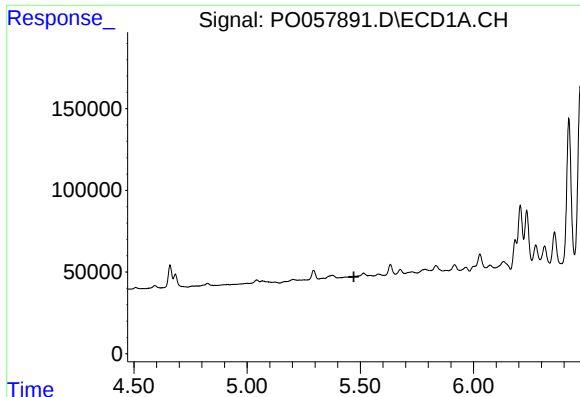
#2 Decachlorobiphenyl

R.T.: 9.731 min  
Delta R.T.: -0.050 min  
Response: 1846872  
Conc: 32.84 ng/ml



#2 Decachlorobiphenyl

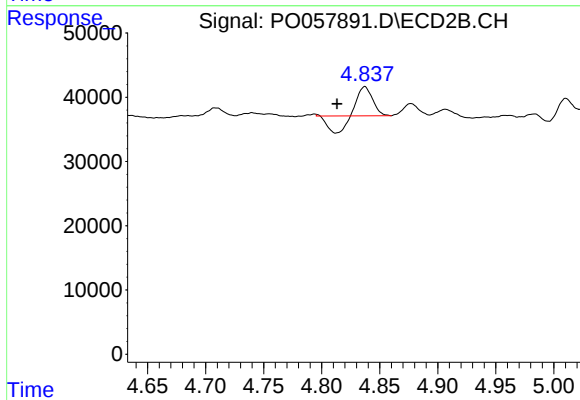
R.T.: 8.452 min  
Delta R.T.: -0.024 min  
Response: 1914553  
Conc: 51.18 ng/ml



#5 AR-1016-3

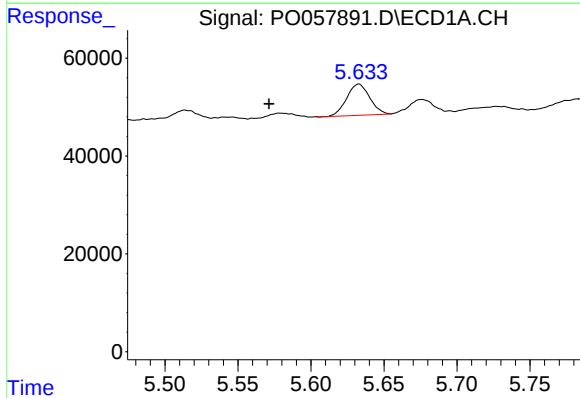
R.T.: 0.000 min  
Exp R.T.: 5.472 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



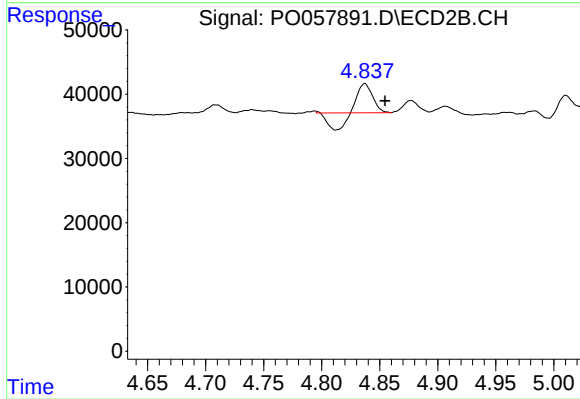
#5 AR-1016-3

R.T.: 4.837 min  
Delta R.T.: 0.024 min  
Response: 17441  
Conc: 16.47 ng/ml



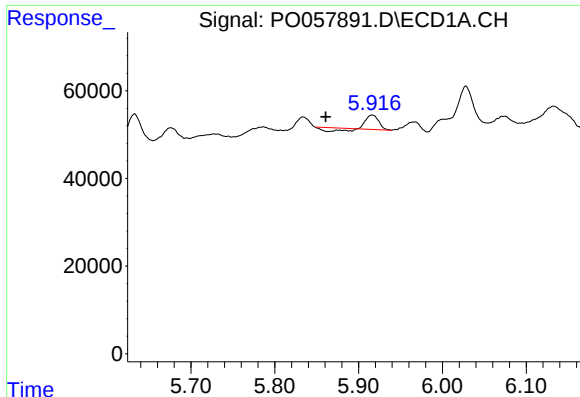
#6 AR-1016-4

R.T.: 5.633 min  
Delta R.T.: 0.061 min  
Response: 70649  
Conc: 54.48 ng/ml



#6 AR-1016-4

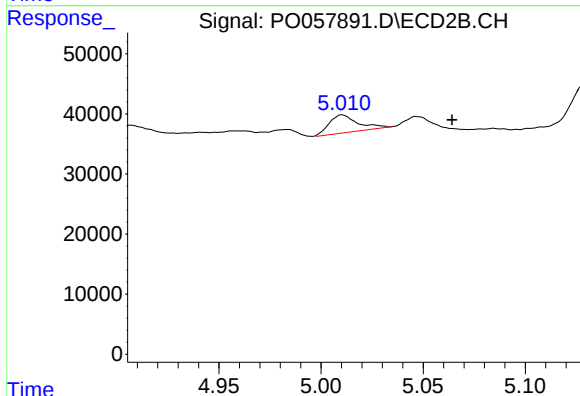
R.T.: 4.837 min  
Delta R.T.: -0.017 min  
Response: 17441  
Conc: 19.60 ng/ml



#7 AR-1016-5

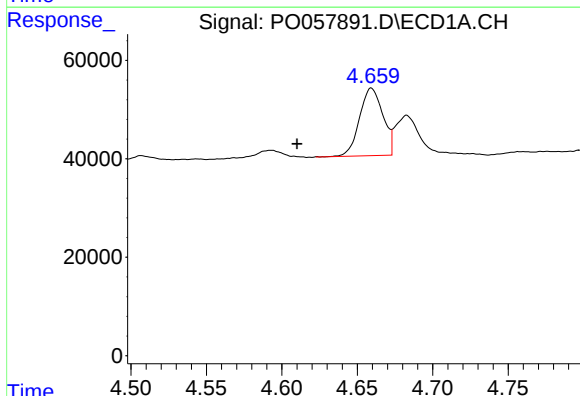
R.T.: 5.916 min  
Delta R.T.: 0.056 min  
Response: 22759  
Conc: 16.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



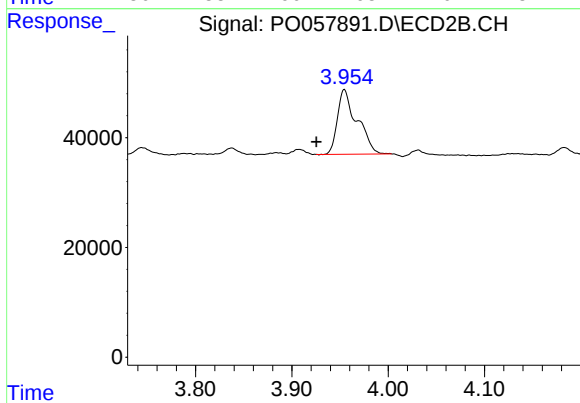
#7 AR-1016-5

R.T.: 5.010 min  
Delta R.T.: -0.054 min  
Response: 30064  
Conc: 26.32 ng/ml



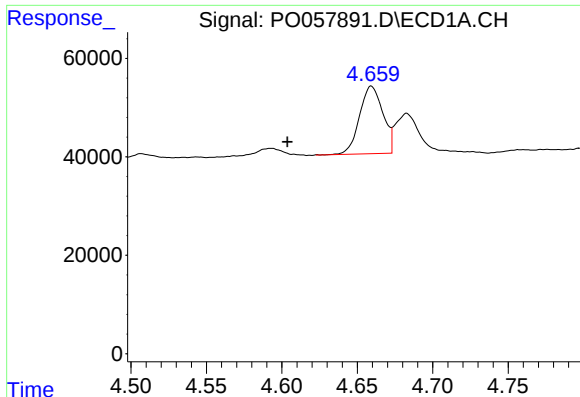
#10 AR-1221-3

R.T.: 4.659 min  
Delta R.T.: 0.049 min  
Response: 147493  
Conc: 139.72 ng/ml



#10 AR-1221-3

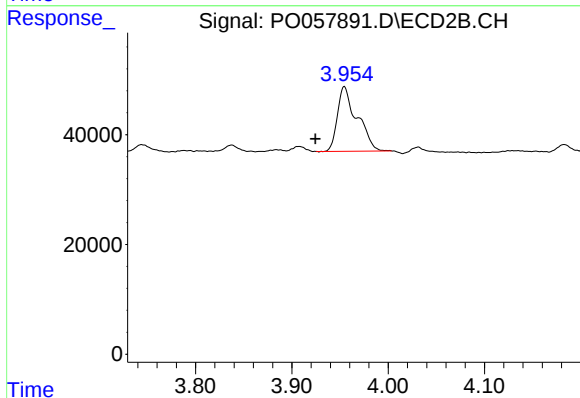
R.T.: 3.955 min  
Delta R.T.: 0.029 min  
Response: 166737  
Conc: 190.37 ng/ml



#11 AR-1232-1

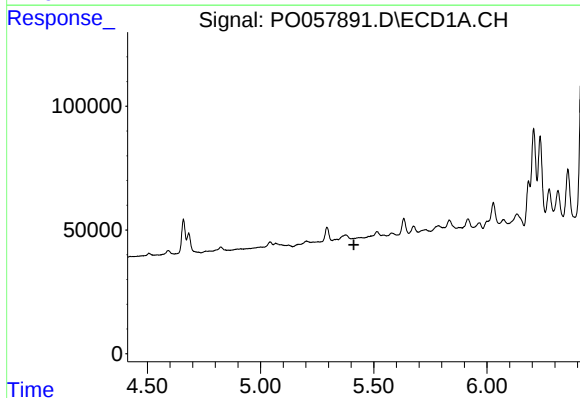
R.T.: 4.659 min  
Delta R.T.: 0.056 min  
Response: 147493  
Conc: 164.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



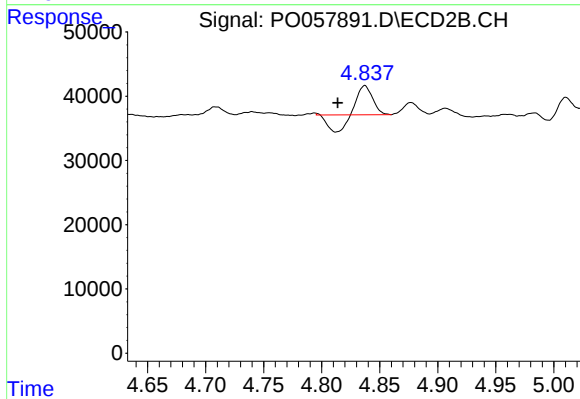
#11 AR-1232-1

R.T.: 3.955 min  
Delta R.T.: 0.030 min  
Response: 166737  
Conc: 223.19 ng/ml



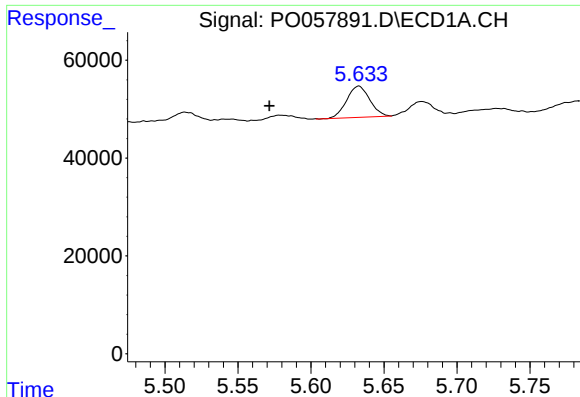
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.412 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

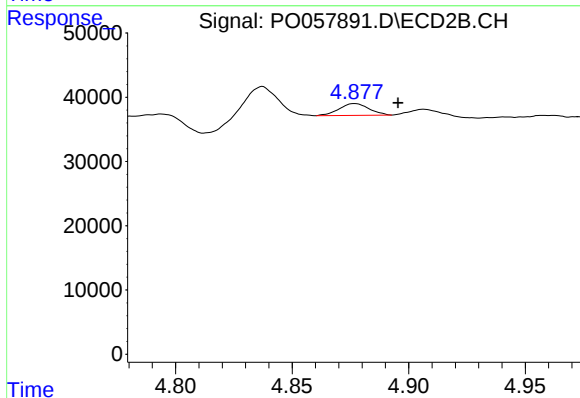
R.T.: 4.837 min  
Delta R.T.: 0.023 min  
Response: 17441  
Conc: 40.38 ng/ml



#14 AR-1232-4

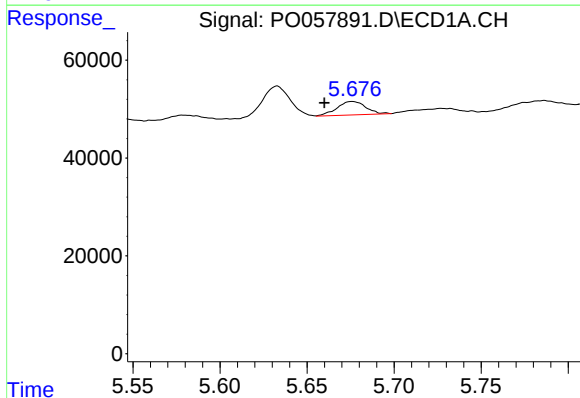
R.T.: 5.633 min  
Delta R.T.: 0.061 min  
Response: 70649  
Conc: 132.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



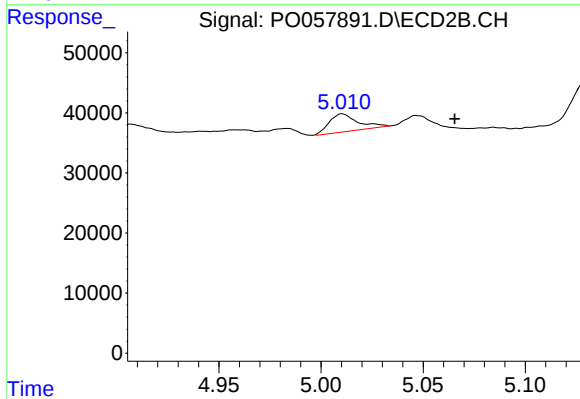
#14 AR-1232-4

R.T.: 4.877 min  
Delta R.T.: -0.019 min  
Response: 16296  
Conc: 42.86 ng/ml



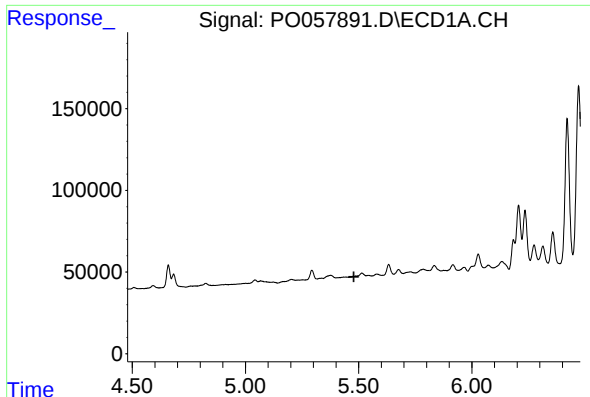
#15 AR-1232-5

R.T.: 5.676 min  
Delta R.T.: 0.016 min  
Response: 31543  
Conc: 76.39 ng/ml



#15 AR-1232-5

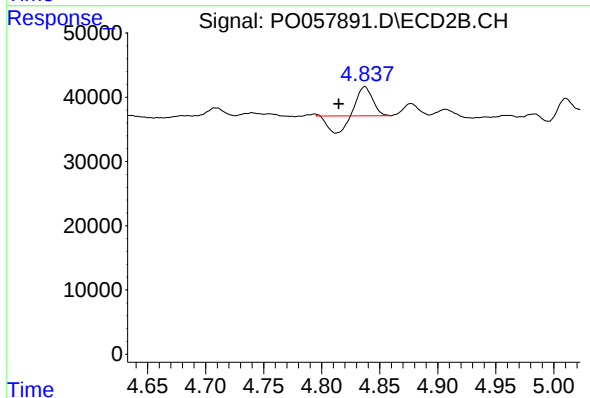
R.T.: 5.010 min  
Delta R.T.: -0.055 min  
Response: 30064  
Conc: 70.62 ng/ml



#18 AR-1242-3

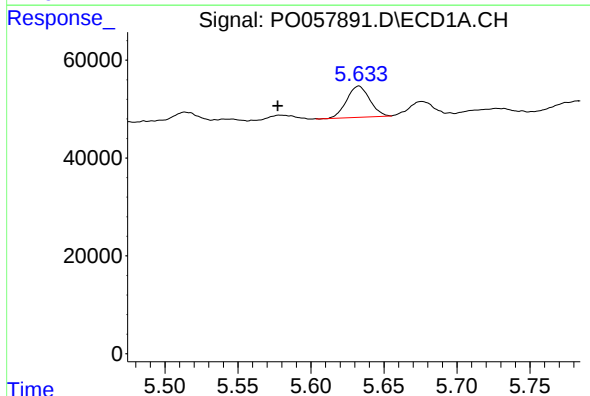
R.T.: 0.000 min  
Exp R.T.: 5.479 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



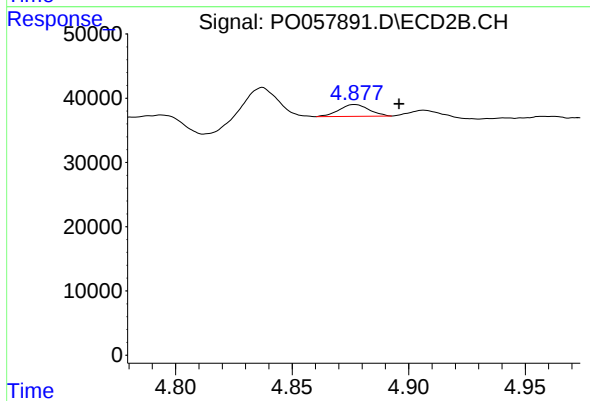
#18 AR-1242-3

R.T.: 4.837 min  
Delta R.T.: 0.022 min  
Response: 17441  
Conc: 20.57 ng/ml



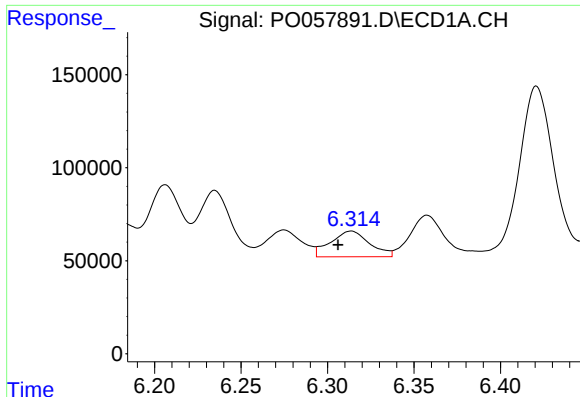
#19 AR-1242-4

R.T.: 5.633 min  
Delta R.T.: 0.055 min  
Response: 70649  
Conc: 65.12 ng/ml



#19 AR-1242-4

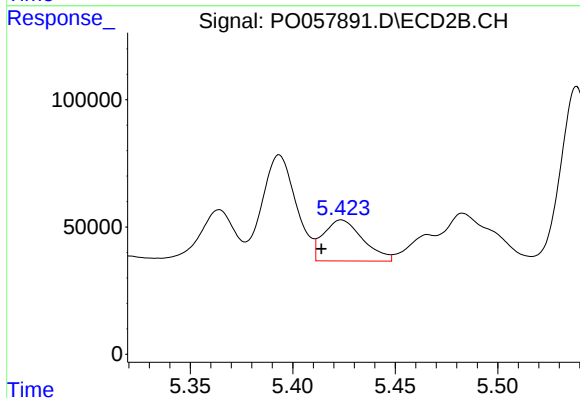
R.T.: 4.877 min  
Delta R.T.: -0.019 min  
Response: 16296  
Conc: 19.53 ng/ml



#20 AR-1242-5

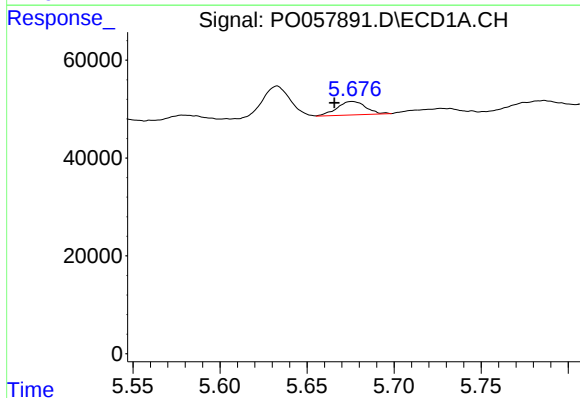
R.T.: 6.314 min  
Delta R.T.: 0.008 min  
Response: 215812  
Conc: 166.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



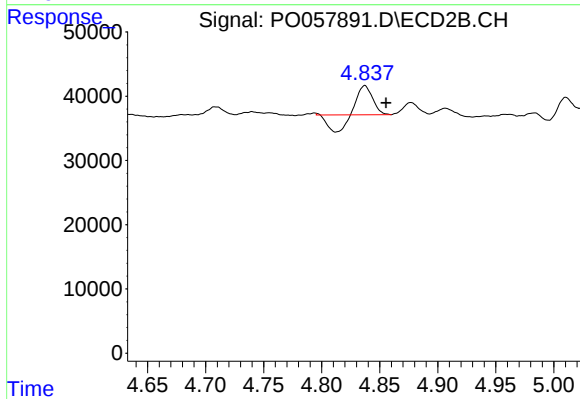
#20 AR-1242-5

R.T.: 5.424 min  
Delta R.T.: 0.010 min  
Response: 216134  
Conc: 215.82 ng/ml



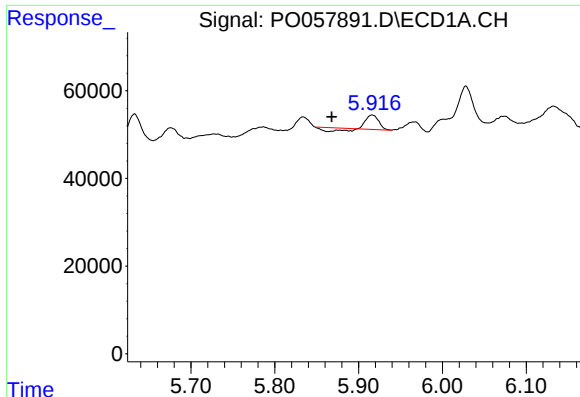
#22 AR-1248-2

R.T.: 5.676 min  
Delta R.T.: 0.010 min  
Response: 31543  
Conc: 18.17 ng/ml



#22 AR-1248-2

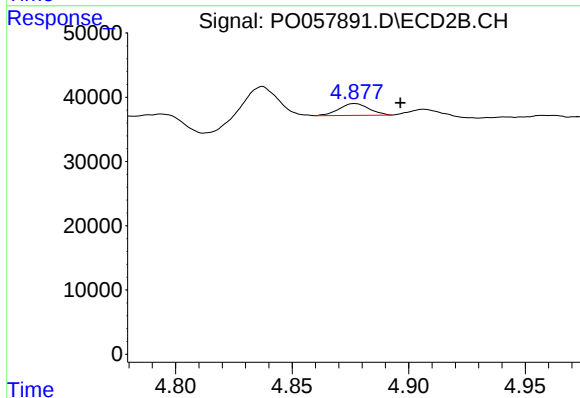
R.T.: 4.837 min  
Delta R.T.: -0.018 min  
Response: 17441  
Conc: 13.57 ng/ml



#23 AR-1248-3

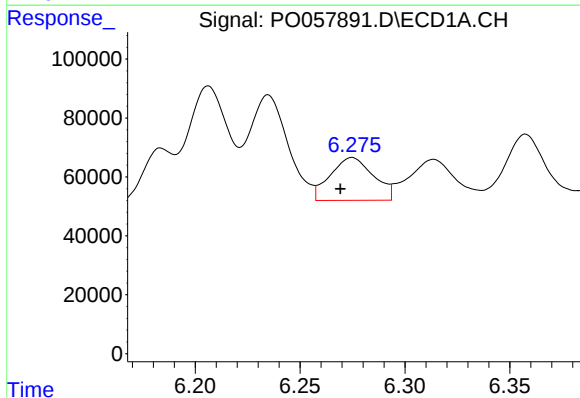
R.T.: 5.916 min  
Delta R.T.: 0.048 min  
Response: 22759  
Conc: 11.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



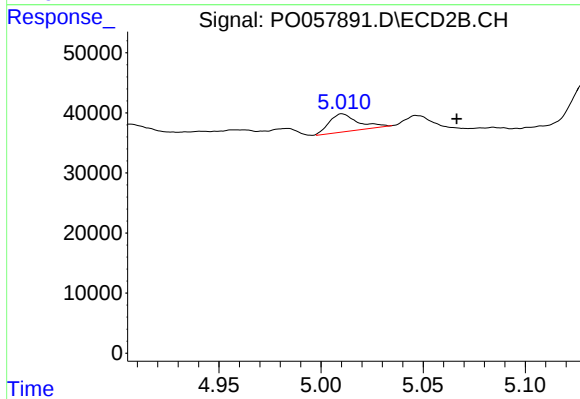
#23 AR-1248-3

R.T.: 4.877 min  
Delta R.T.: -0.020 min  
Response: 16296  
Conc: 12.35 ng/ml



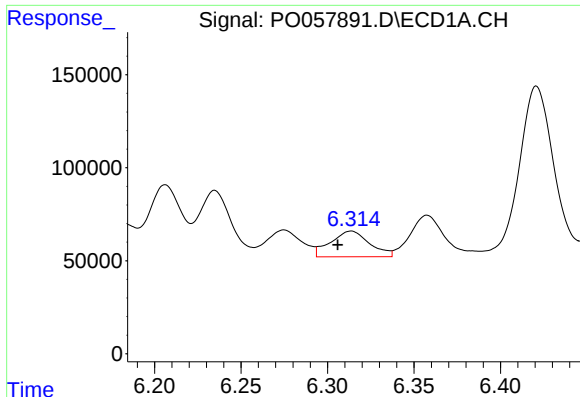
#24 AR-1248-4

R.T.: 6.275 min  
Delta R.T.: 0.006 min  
Response: 208272  
Conc: 88.86 ng/ml



#24 AR-1248-4

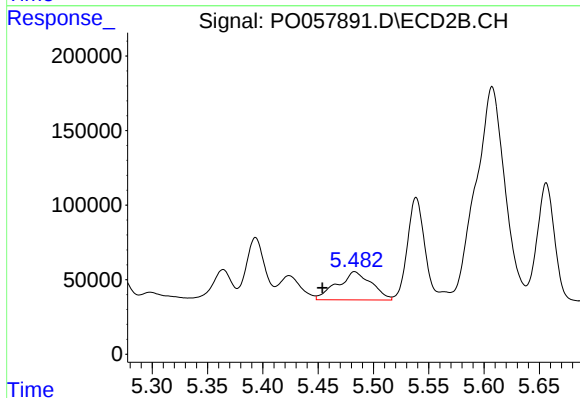
R.T.: 5.010 min  
Delta R.T.: -0.056 min  
Response: 30064  
Conc: 18.58 ng/ml



#25 AR-1248-5

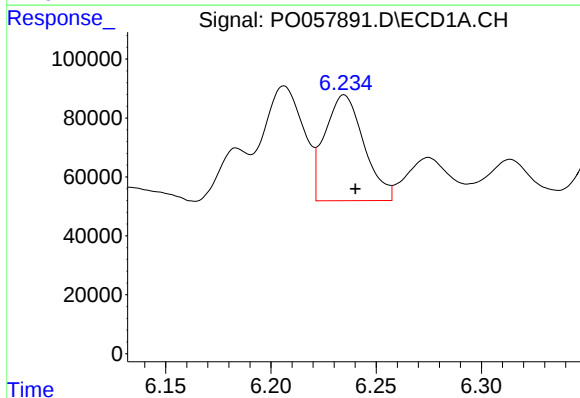
R.T.: 6.314 min  
Delta R.T.: 0.008 min  
Response: 215812  
Conc: 96.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



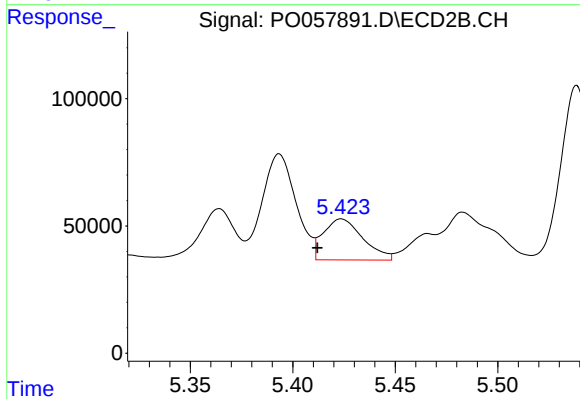
#25 AR-1248-5

R.T.: 5.483 min  
Delta R.T.: 0.029 min  
Response: 406092  
Conc: 262.58 ng/ml



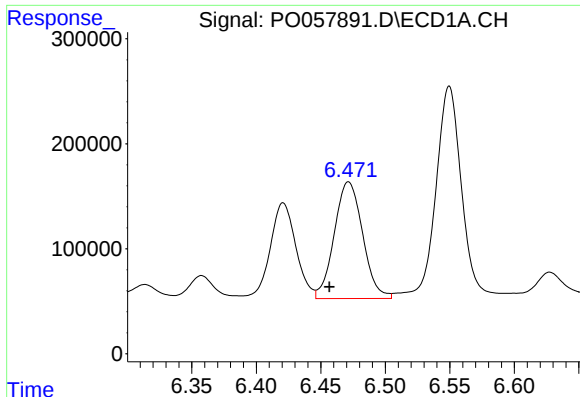
#26 AR-1254-1

R.T.: 6.235 min  
Delta R.T.: -0.005 min  
Response: 464095  
Conc: 238.27 ng/ml



#26 AR-1254-1

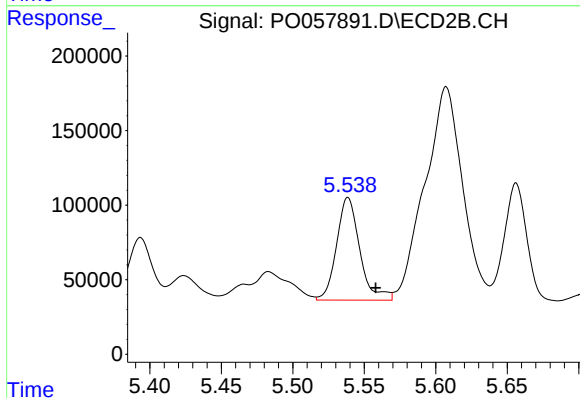
R.T.: 5.424 min  
Delta R.T.: 0.012 min  
Response: 216134  
Conc: 101.63 ng/ml



#27 AR-1254-2

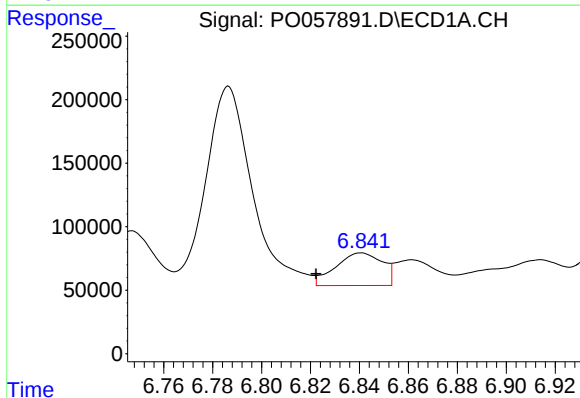
R.T.: 6.471 min  
Delta R.T.: 0.015 min  
Response: 1702765  
Conc: 546.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



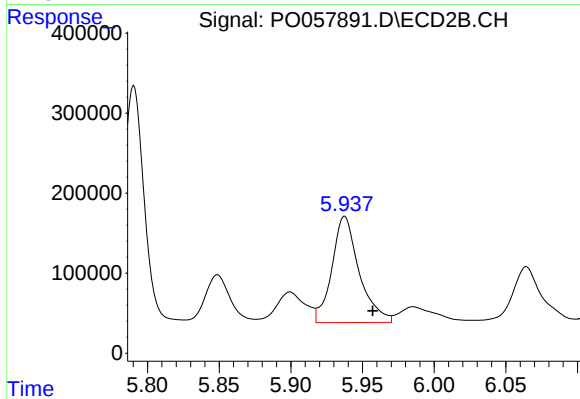
#27 AR-1254-2

R.T.: 5.539 min  
Delta R.T.: -0.019 min  
Response: 779164  
Conc: 418.62 ng/ml



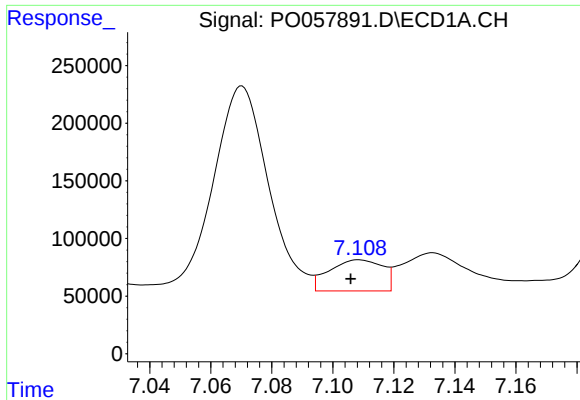
#28 AR-1254-3

R.T.: 6.841 min  
Delta R.T.: 0.018 min  
Response: 339958  
Conc: 102.83 ng/ml



#28 AR-1254-3

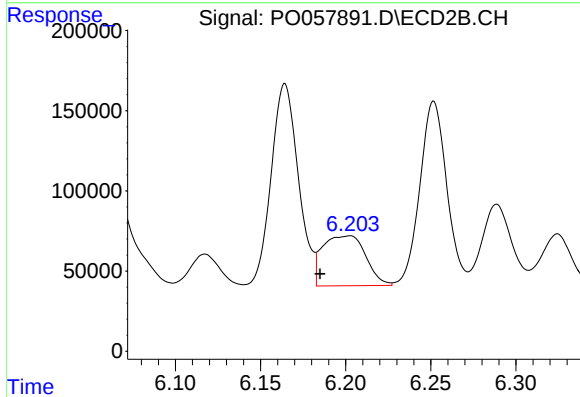
R.T.: 5.938 min  
Delta R.T.: -0.020 min  
Response: 1761248  
Conc: 584.90 ng/ml



#29 AR-1254-4

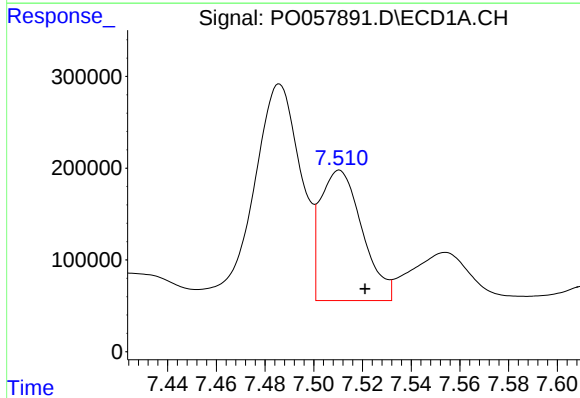
R.T.: 7.109 min  
Delta R.T.: 0.003 min  
Response: 327806  
Conc: 120.79 ng/ml

Instrument :  
ECD\_O  
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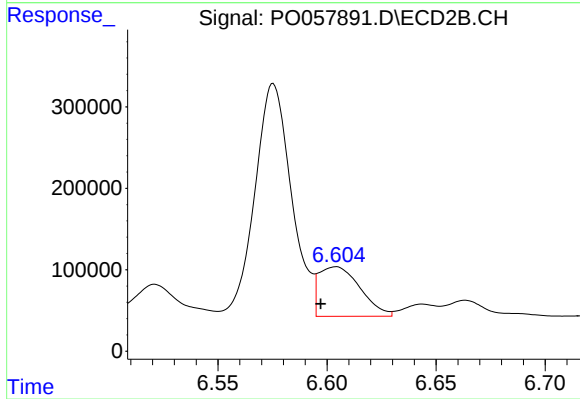
#29 AR-1254-4

R.T.: 6.202 min  
Delta R.T.: 0.018 min  
Response: 549745  
Conc: 305.40 ng/ml



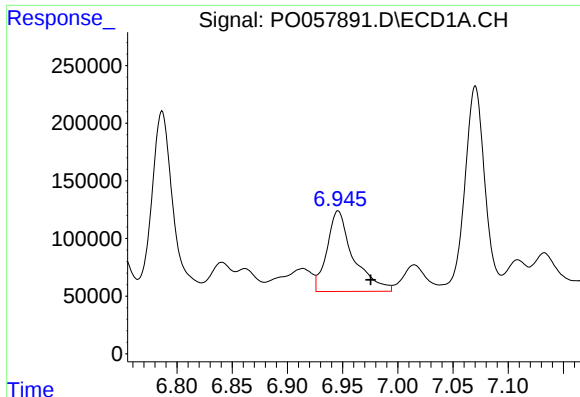
#30 AR-1254-5

R.T.: 7.511 min  
Delta R.T.: -0.010 min  
Response: 1693239  
Conc: 605.62 ng/ml



#30 AR-1254-5

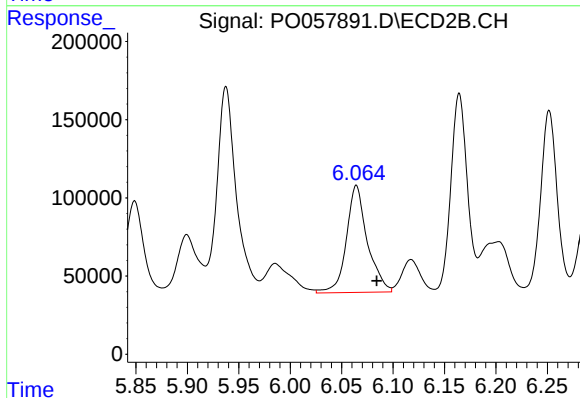
R.T.: 6.604 min  
Delta R.T.: 0.007 min  
Response: 800738  
Conc: 295.57 ng/ml



#31 AR-1260-1

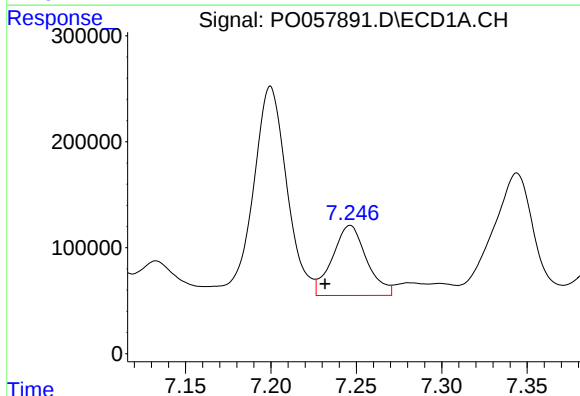
R.T.: 6.946 min  
Delta R.T.: -0.030 min  
Response: 1162100  
Conc: 419.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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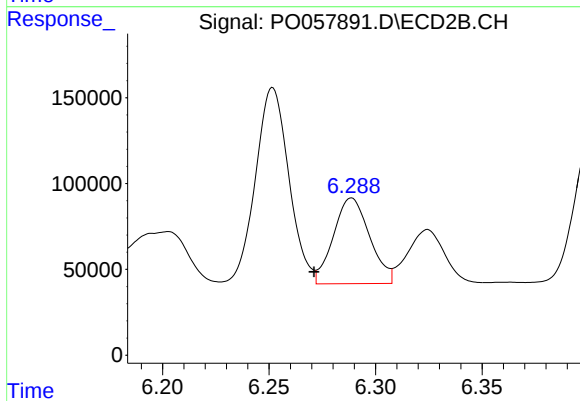
#31 AR-1260-1

R.T.: 6.064 min  
Delta R.T.: -0.020 min  
Response: 975872  
Conc: 455.95 ng/ml



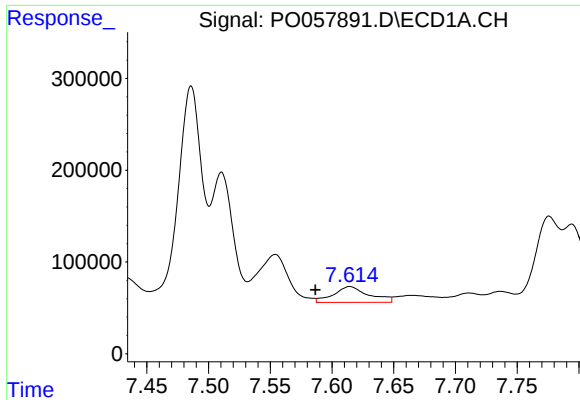
#32 AR-1260-2

R.T.: 7.246 min  
Delta R.T.: 0.015 min  
Response: 925723  
Conc: 251.10 ng/ml



#32 AR-1260-2

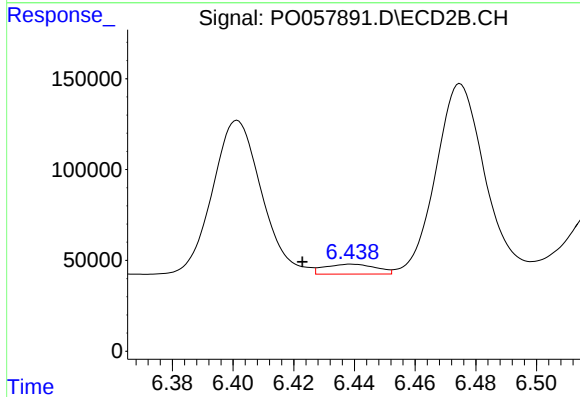
R.T.: 6.289 min  
Delta R.T.: 0.018 min  
Response: 592352  
Conc: 215.90 ng/ml



#33 AR-1260-3

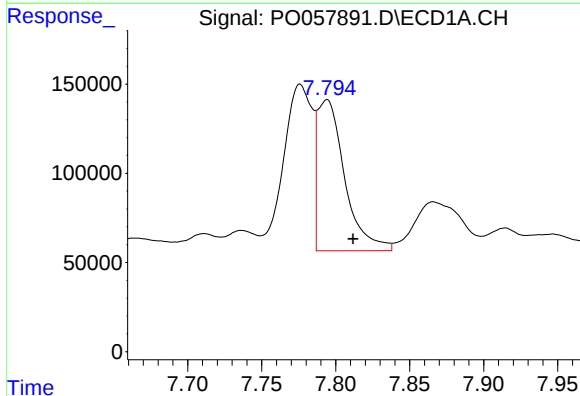
R.T.: 7.614 min  
Delta R.T.: 0.028 min  
Response: 341881  
Conc: 112.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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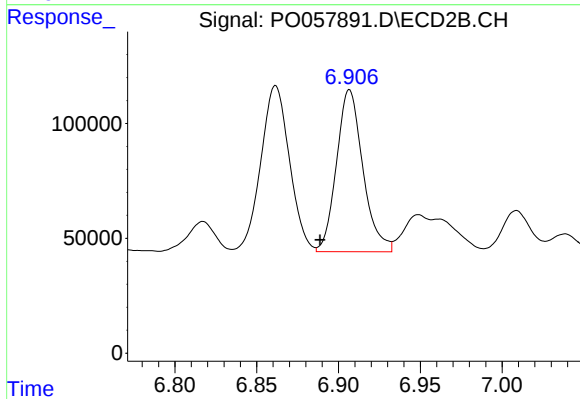
#33 AR-1260-3

R.T.: 6.439 min  
Delta R.T.: 0.016 min  
Response: 64338  
Conc: 26.35 ng/ml



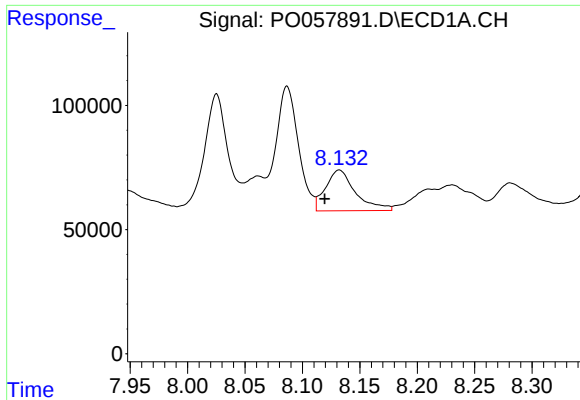
#34 AR-1260-4

R.T.: 7.794 min  
Delta R.T.: -0.018 min  
Response: 1091812  
Conc: 360.01 ng/ml



#34 AR-1260-4

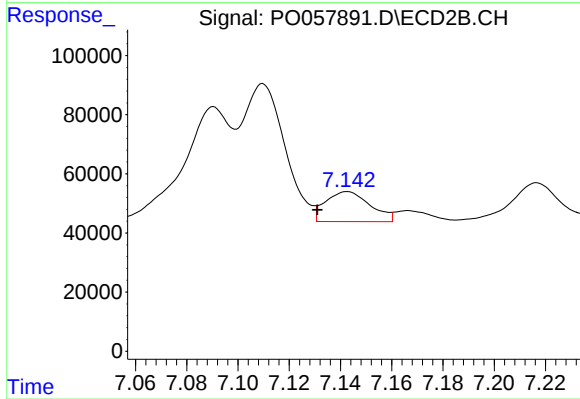
R.T.: 6.907 min  
Delta R.T.: 0.018 min  
Response: 793024  
Conc: 380.89 ng/ml



#35 AR-1260-5

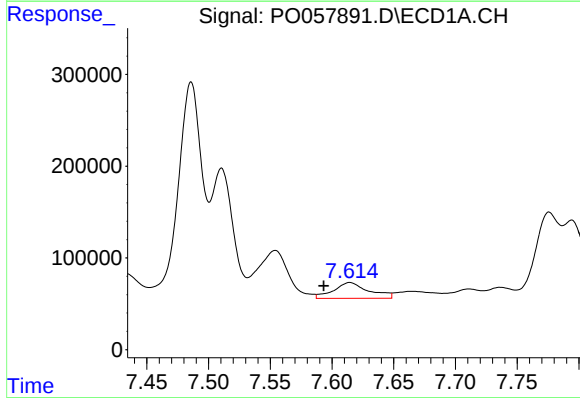
R.T.: 8.132 min  
Delta R.T.: 0.013 min  
Response: 298173  
Conc: 47.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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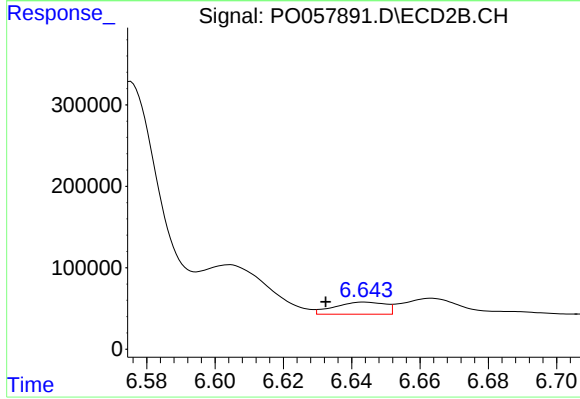
#35 AR-1260-5

R.T.: 7.143 min  
Delta R.T.: 0.012 min  
Response: 122810  
Conc: 24.21 ng/ml



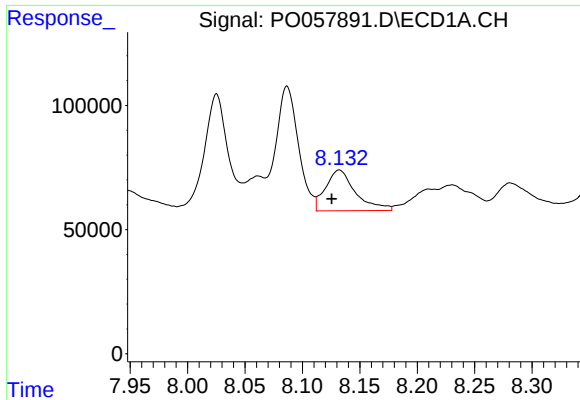
#36 AR-1262-1

R.T.: 7.614 min  
Delta R.T.: 0.021 min  
Response: 341881  
Conc: 75.22 ng/ml



#36 AR-1262-1

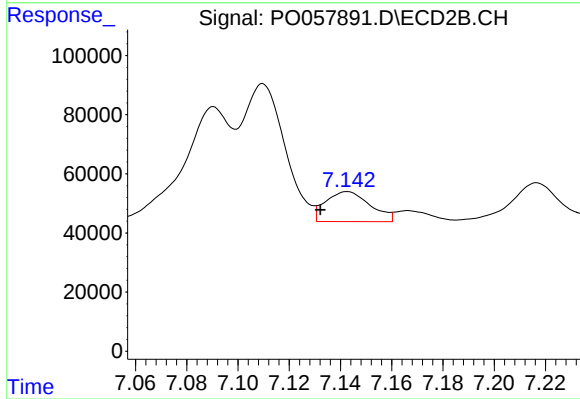
R.T.: 6.644 min  
Delta R.T.: 0.011 min  
Response: 153916  
Conc: 41.12 ng/ml



#37 AR-1262-2

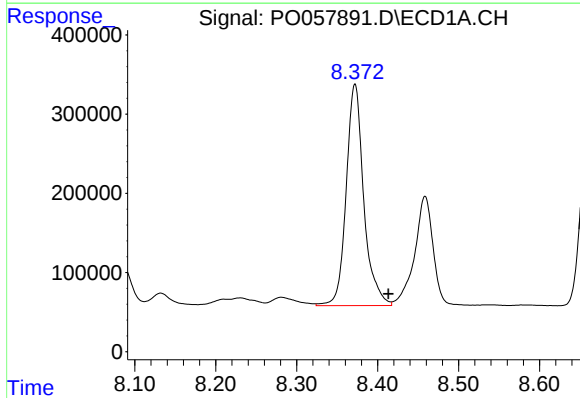
R.T.: 8.132 min  
Delta R.T.: 0.007 min  
Response: 298173  
Conc: 41.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



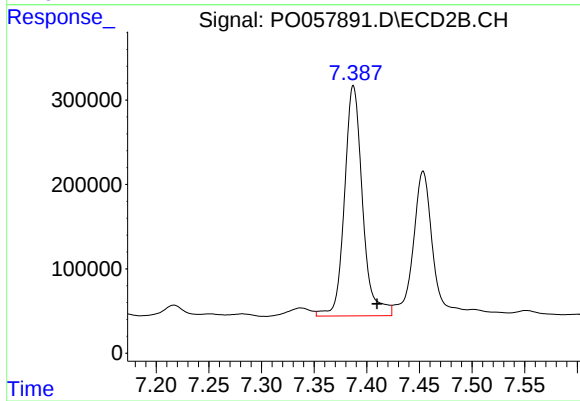
#37 AR-1262-2

R.T.: 7.143 min  
Delta R.T.: 0.010 min  
Response: 122810  
Conc: 20.67 ng/ml



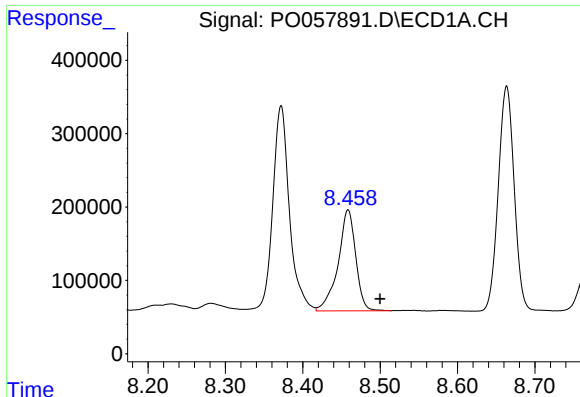
#38 AR-1262-3

R.T.: 8.372 min  
Delta R.T.: -0.041 min  
Response: 4214678  
Conc: 858.37 ng/ml



#38 AR-1262-3

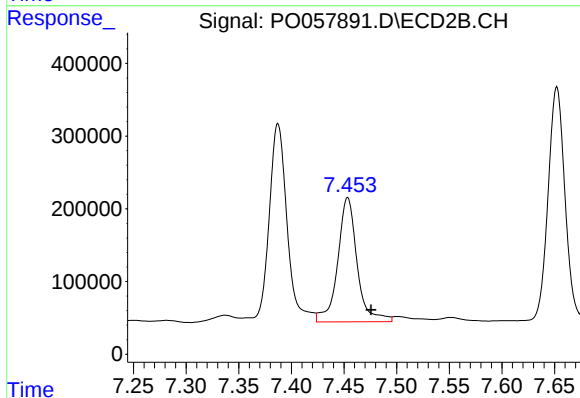
R.T.: 7.387 min  
Delta R.T.: -0.022 min  
Response: 3269111  
Conc: 1278.08 ng/ml



#39 AR-1262-4

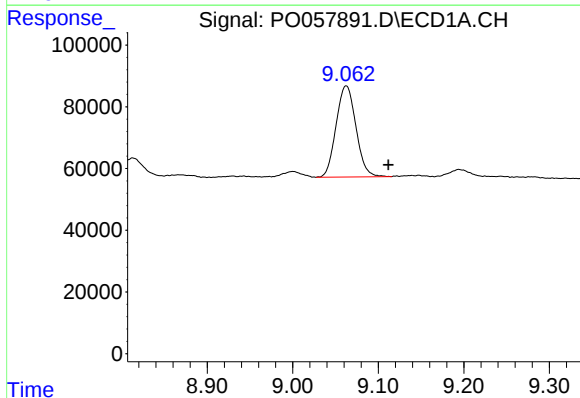
R.T.: 8.459 min  
Delta R.T.: -0.041 min  
Response: 2183133  
Conc: 536.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



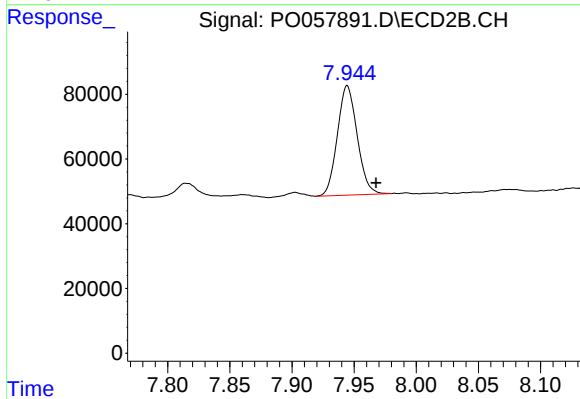
#39 AR-1262-4

R.T.: 7.454 min  
Delta R.T.: -0.022 min  
Response: 2197629  
Conc: 498.63 ng/ml



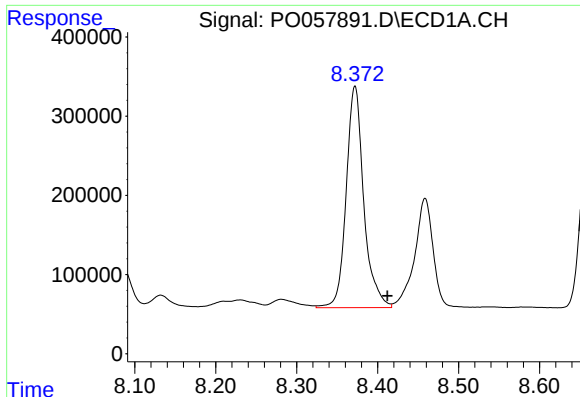
#40 AR-1262-5

R.T.: 9.063 min  
Delta R.T.: -0.049 min  
Response: 476382  
Conc: 188.91 ng/ml



#40 AR-1262-5

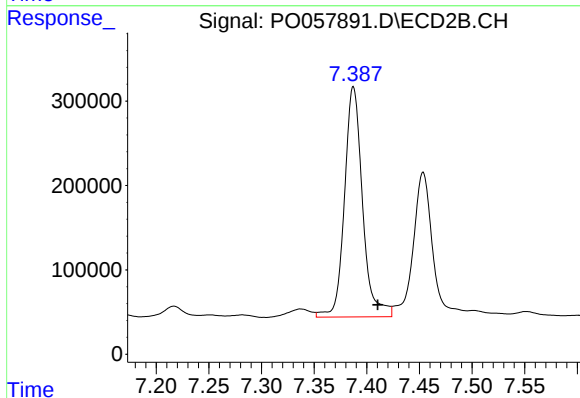
R.T.: 7.944 min  
Delta R.T.: -0.023 min  
Response: 375796  
Conc: 205.77 ng/ml



#41 AR-1268-1

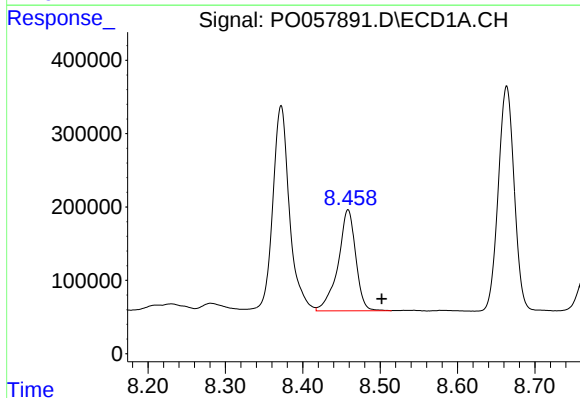
R.T.: 8.372 min  
Delta R.T.: -0.040 min  
Response: 4214678  
Conc: 499.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



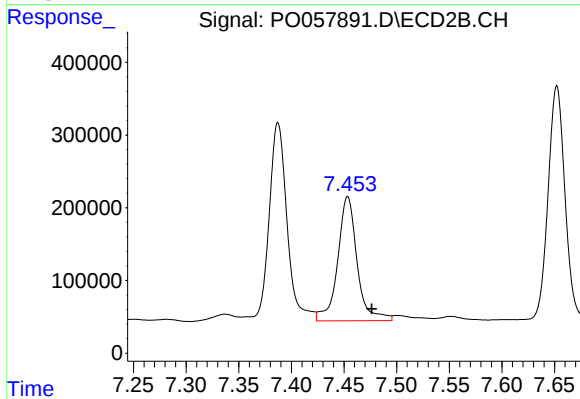
#41 AR-1268-1

R.T.: 7.387 min  
Delta R.T.: -0.023 min  
Response: 3269111  
Conc: 477.45 ng/ml



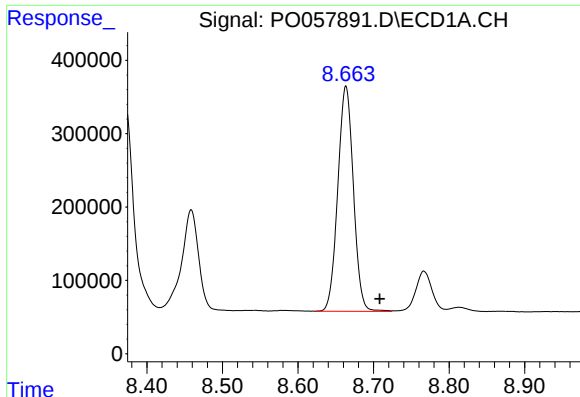
#42 AR-1268-2

R.T.: 8.459 min  
Delta R.T.: -0.044 min  
Response: 2183133  
Conc: 273.42 ng/ml



#42 AR-1268-2

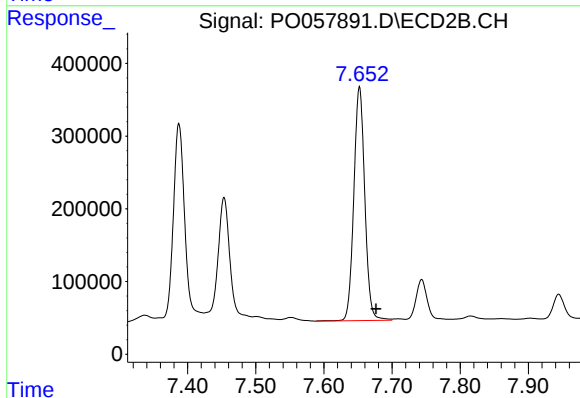
R.T.: 7.454 min  
Delta R.T.: -0.023 min  
Response: 2197629  
Conc: 346.24 ng/ml



#43 AR-1268-3

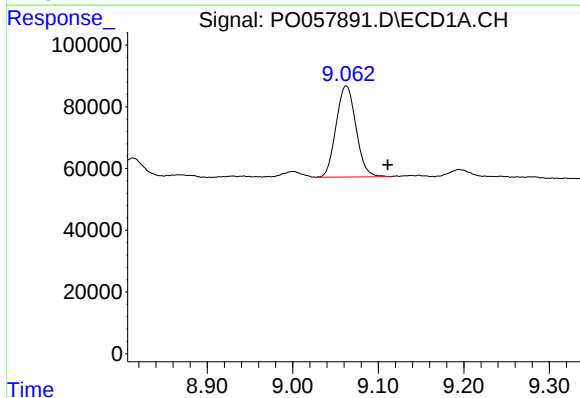
R.T.: 8.663 min  
Delta R.T.: -0.045 min  
Response: 4400873  
Conc: 652.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



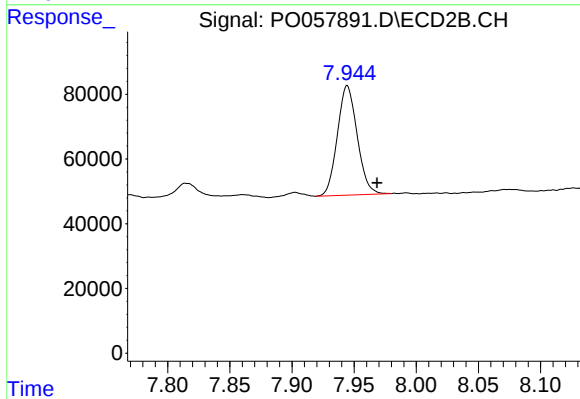
#43 AR-1268-3

R.T.: 7.652 min  
Delta R.T.: -0.024 min  
Response: 3596506  
Conc: 672.15 ng/ml



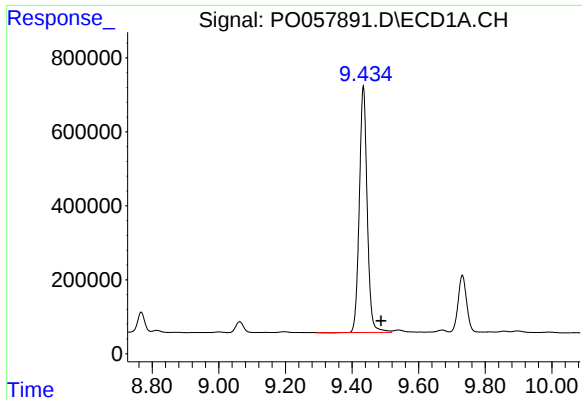
#44 AR-1268-4

R.T.: 9.063 min  
Delta R.T.: -0.048 min  
Response: 476382  
Conc: 184.89 ng/ml



#44 AR-1268-4

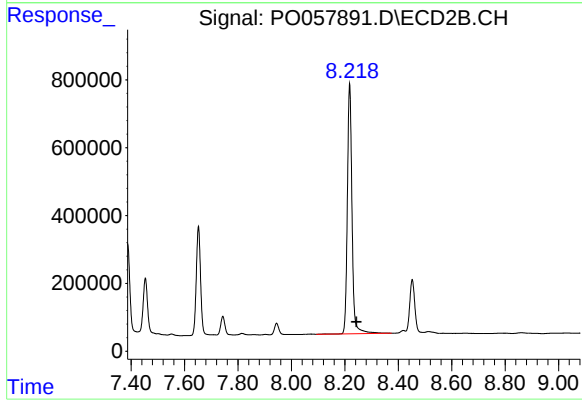
R.T.: 7.944 min  
Delta R.T.: -0.024 min  
Response: 375796  
Conc: 187.58 ng/ml



#45 AR-1268-5

R.T.: 9.434 min  
Delta R.T.: -0.053 min  
Response: 10938970  
Conc: 553.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S12-07-S



#45 AR-1268-5

R.T.: 8.218 min  
Delta R.T.: -0.025 min  
Response: 8884729  
Conc: 578.20 ng/ml