

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071219\  
 Data File : P0057871.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Jul 2019 2:53  
 Operator : SM/SJ  
 Sample : K3771-04  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 04:20:31 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... | 4.207 | 3.544 | 902653   | 743872   | 22.979  | 21.155     |
| 2)                          | SA Decachlor... | 9.731 | 8.453 | 1686123  | 2281683  | 29.985  | 60.996 #   |
| Target Compounds            |                 |       |       |          |          |         |            |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.838 | 0        | 38850    | N.D.    | 36.695 #   |
| 6)                          | L1 AR-1016-4    | 5.633 | 4.838 | 53082    | 38850    | 40.934  | 43.666     |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.132 | 0        | 38623    | N.D.    | 33.808 #   |
| 10)                         | L2 AR-1221-3    | 4.661 | 3.956 | 59612    | 78946    | 56.471  | 90.137 #   |
| 11)                         | L3 AR-1232-1    | 4.661 | 3.956 | 59612    | 78946    | 66.405  | 105.676 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.838 | 0        | 38850    | N.D.    | 89.944 #   |
| 14)                         | L3 AR-1232-4    | 5.633 | 4.838 | 53082    | 38850    | 99.869  | 102.182    |
| 15)                         | L3 AR-1232-5    | 5.633 | 5.132 | 53082    | 38623    | 128.548 | 90.720 #   |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.838 | 0        | 38850    | N.D.    | 45.819 #   |
| 19)                         | L4 AR-1242-4    | 5.633 | 4.838 | 53082    | 38850    | 48.928  | 46.555     |
| 20)                         | L4 AR-1242-5    | 6.275 | 5.395 | 130218   | 311272   | 100.355 | 310.818 #  |
| 22)                         | L5 AR-1248-2    | 5.633 | 4.838 | 53082    | 38850    | 30.579  | 30.225     |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.838 | 0        | 38850    | N.D.    | 29.441 #   |
| 24)                         | L5 AR-1248-4    | 6.275 | 5.132 | 130218   | 38623    | 55.557  | 23.864 #   |
| 25)                         | L5 AR-1248-5    | 6.275 | 5.485 | 130218   | 200738   | 57.989  | 129.796 #  |
| 26)                         | L6 AR-1254-1    | 6.236 | 5.395 | 237249   | 311272   | 121.807 | 146.363    |
| 27)                         | L6 AR-1254-2    | 6.474 | 5.540 | 821233   | 461756   | 263.489 | 248.088    |
| 28)                         | L6 AR-1254-3    | 6.841 | 5.938 | 161094   | 1786525  | 48.727  | 593.290 #  |
| 29)                         | L6 AR-1254-4    | 7.133 | 6.194 | 346215   | 294966   | 127.571 | 163.865 #  |
| 30)                         | L6 AR-1254-5    | 7.512 | 6.609 | 432110   | 592942   | 154.552 | 218.870 #  |
| 31)                         | L7 AR-1260-1    | 6.947 | 6.065 | 695534   | 646326   | 250.971 | 301.980    |
| 32)                         | L7 AR-1260-2    | 7.248 | 6.253 | 514630   | 734899   | 139.595 | 267.857 #  |
| 33)                         | L7 AR-1260-3    | 7.615 | 6.403 | 94093    | 616650   | 30.970  | 252.570 #  |
| 34)                         | L7 AR-1260-4    | 7.796 | 6.908 | 1711471  | 468603   | 564.333 | 225.069 #  |
| 35)                         | L7 AR-1260-5    | 8.131 | 7.111 | 229311   | 313993   | 36.669  | 61.906 #   |
| 36)                         | L8 AR-1262-1    | 7.615 | 6.645 | 94093    | 97129    | 20.703  | 25.948 #   |
| 37)                         | L8 AR-1262-2    | 8.131 | 7.111 | 229311   | 313993   | 32.006  | 52.844 #   |
| 38)                         | L8 AR-1262-3    | 8.371 | 7.389 | 4458884  | 3621189  | 908.104 | 1415.732 # |
| 39)                         | L8 AR-1262-4    | 8.461 | 7.454 | 2574833  | 2341280  | 632.899 | 531.222    |
| 40)                         | L8 AR-1262-5    | 9.064 | 7.945 | 577025   | 449255   | 228.825 | 245.999    |
| 41)                         | L9 AR-1268-1    | 8.371 | 7.389 | 4458884  | 3621189  | 528.800 | 528.873    |
| 42)                         | L9 AR-1268-2    | 8.461 | 7.454 | 2574833  | 2341280  | 322.482 | 368.875    |
| 43)                         | L9 AR-1268-3    | 8.665 | 7.653 | 5542339  | 4552347  | 822.168 | 850.785    |
| 44)                         | L9 AR-1268-4    | 9.064 | 7.945 | 577025   | 449255   | 223.949 | 224.248    |
| 45)                         | L9 AR-1268-5    | 9.434 | 8.218 | 13821296 | 11163587 | 698.705 | 726.509    |
| -----                       |                 |       |       |          |          |         |            |

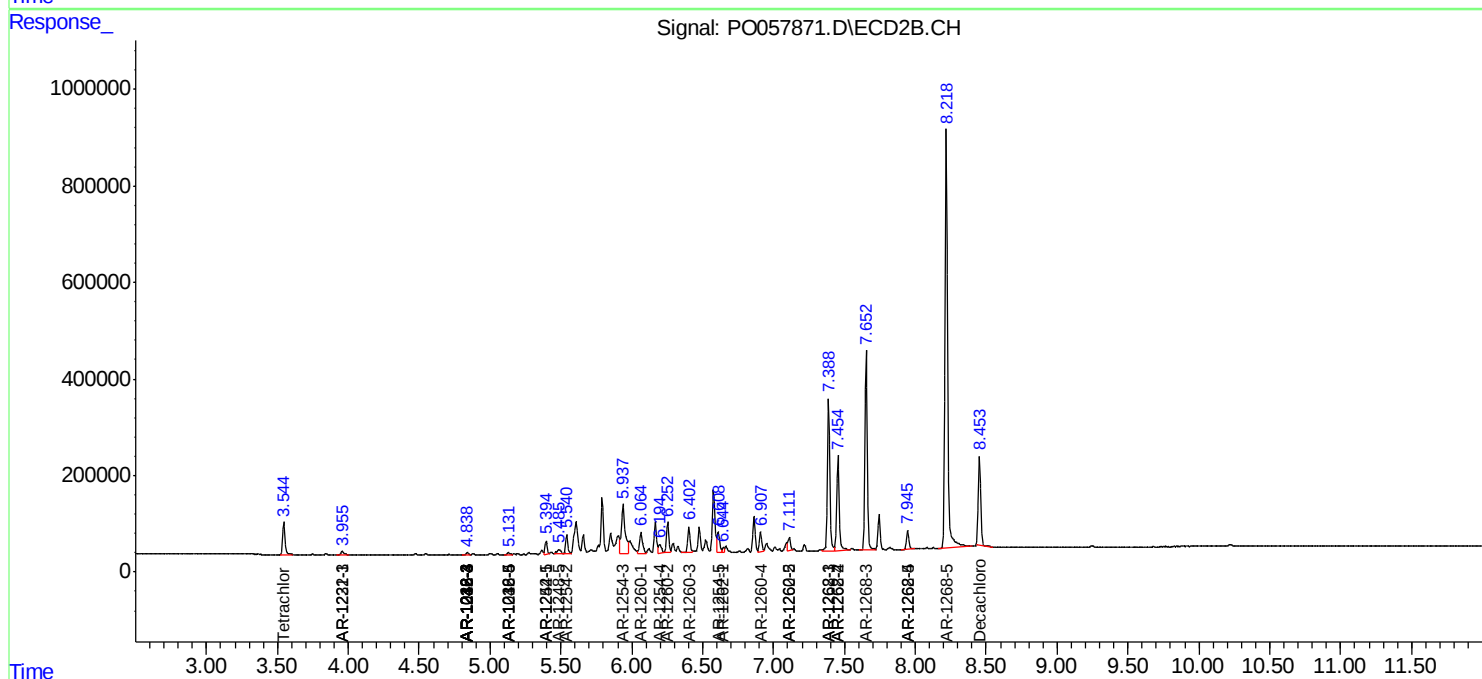
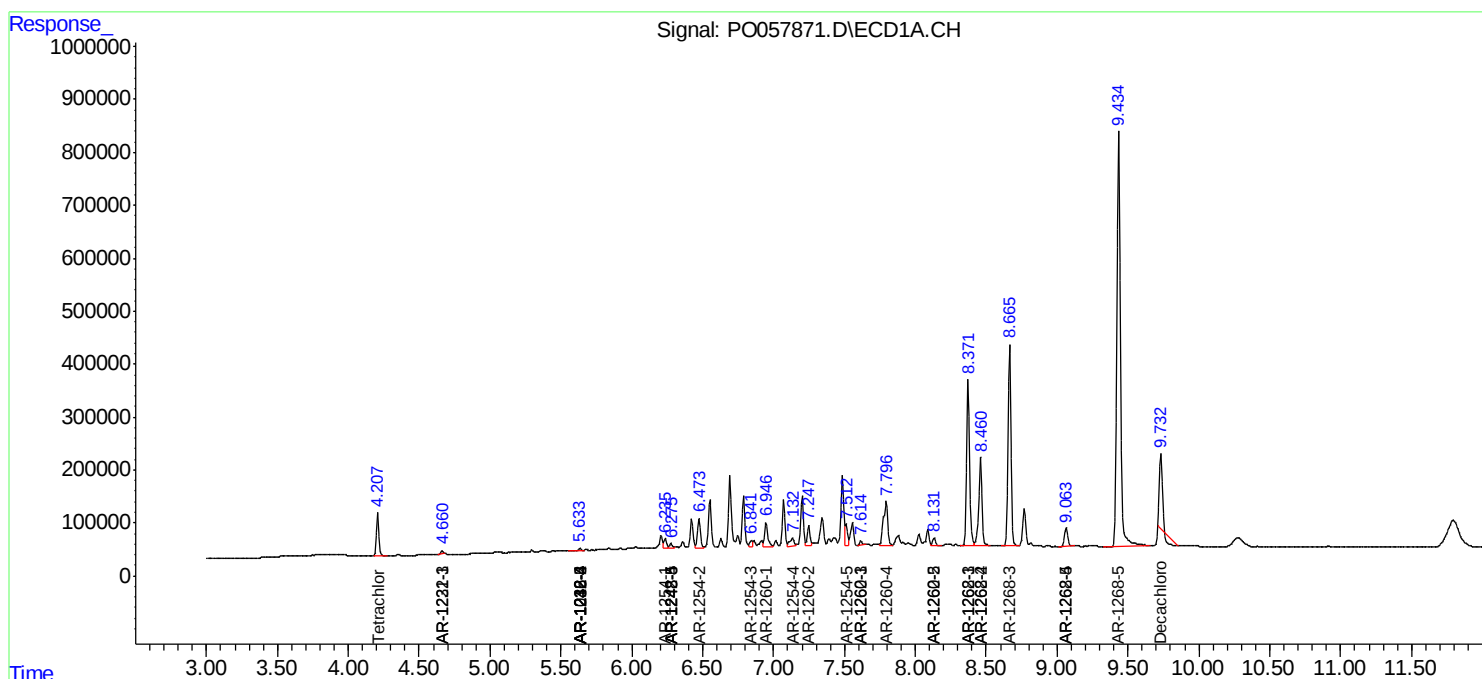
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

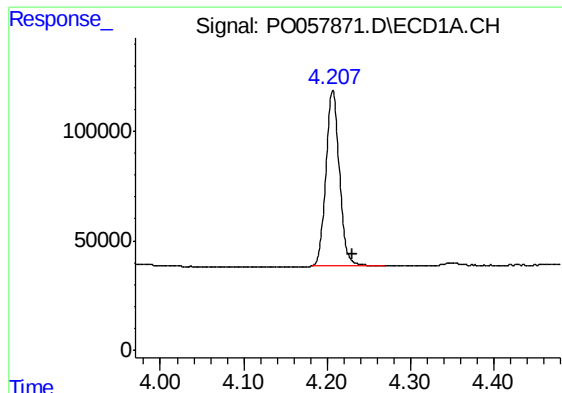
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO071219\  
Data File : PO057871.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Jul 2019 2:53  
Operator : SM/SJ  
Sample : K3771-04  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 12 04:20:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO062419.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

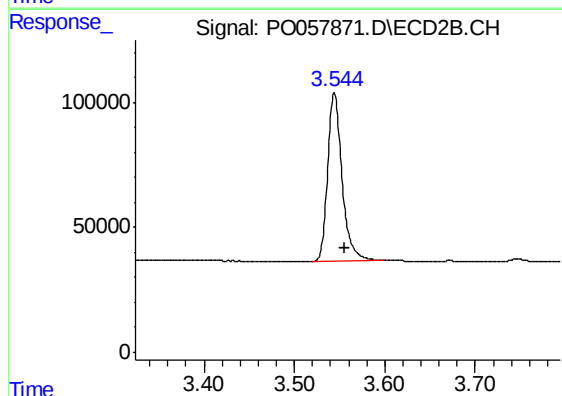




#1 Tetrachloro-m-xylene

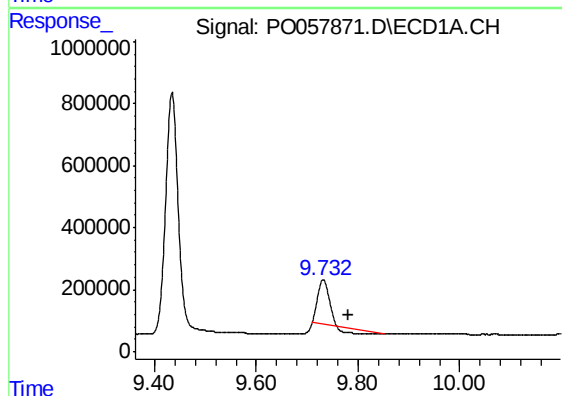
R.T.: 4.207 min  
Delta R.T.: -0.023 min  
Response: 902653  
Conc: 22.98 ng/ml

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



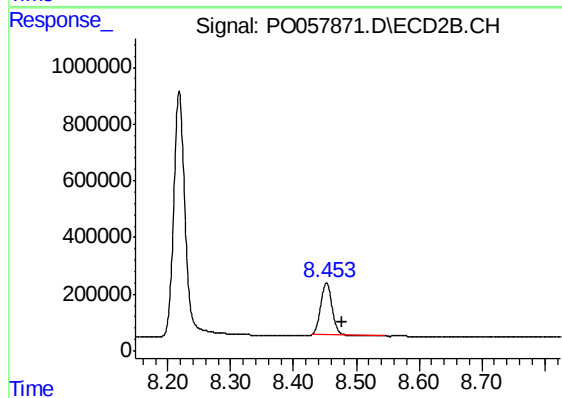
#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: -0.011 min  
Response: 743872  
Conc: 21.16 ng/ml



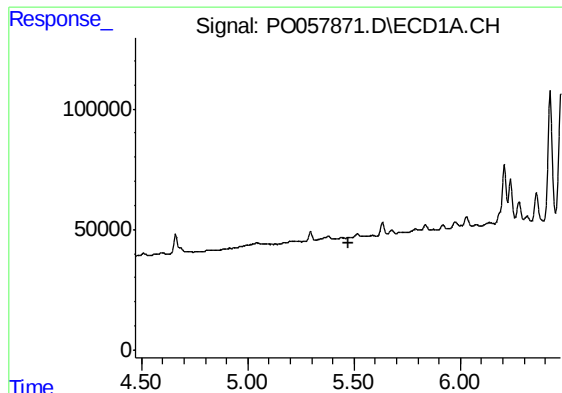
#2 Decachlorobiphenyl

R.T.: 9.731 min  
Delta R.T.: -0.050 min  
Response: 1686123  
Conc: 29.98 ng/ml



#2 Decachlorobiphenyl

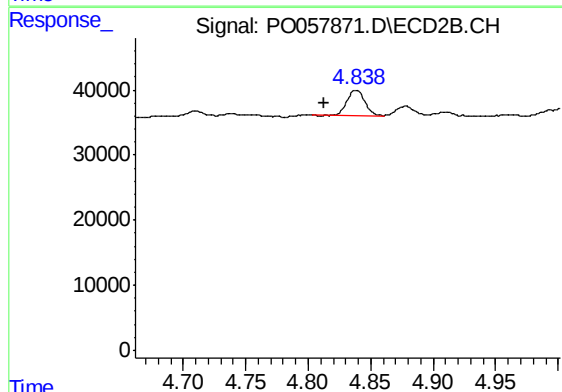
R.T.: 8.453 min  
Delta R.T.: -0.024 min  
Response: 2281683  
Conc: 61.00 ng/ml



#5 AR-1016-3

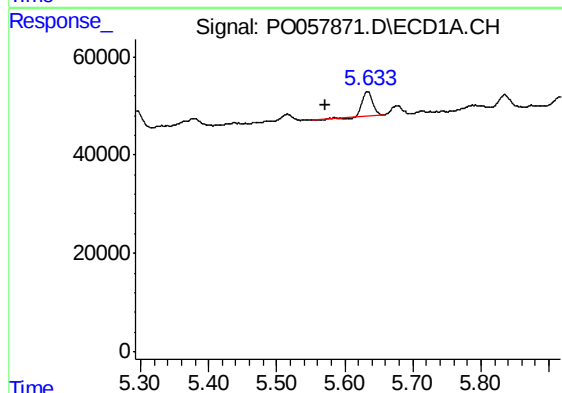
R.T.: 0.000 min  
Exp R.T.: 5.472 min  
Response: 0  
Conc: N.D.

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



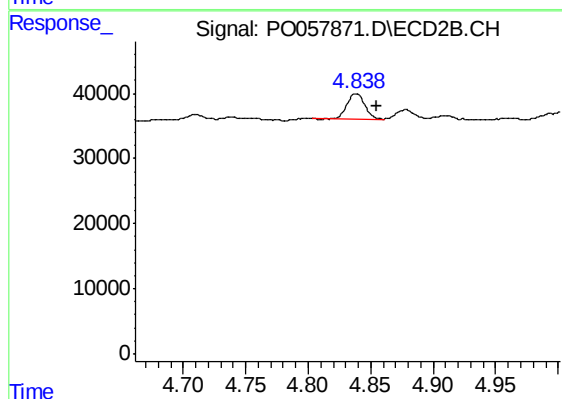
#5 AR-1016-3

R.T.: 4.838 min  
Delta R.T.: 0.025 min  
Response: 38850  
Conc: 36.69 ng/ml



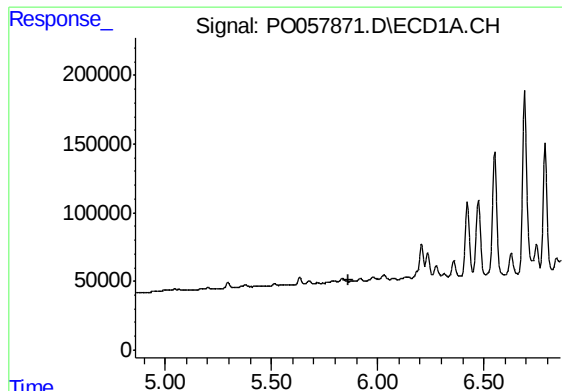
#6 AR-1016-4

R.T.: 5.633 min  
Delta R.T.: 0.062 min  
Response: 53082  
Conc: 40.93 ng/ml



#6 AR-1016-4

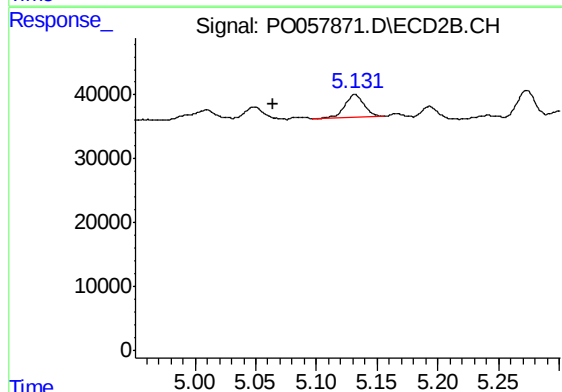
R.T.: 4.838 min  
Delta R.T.: -0.016 min  
Response: 38850  
Conc: 43.67 ng/ml



#7 AR-1016-5

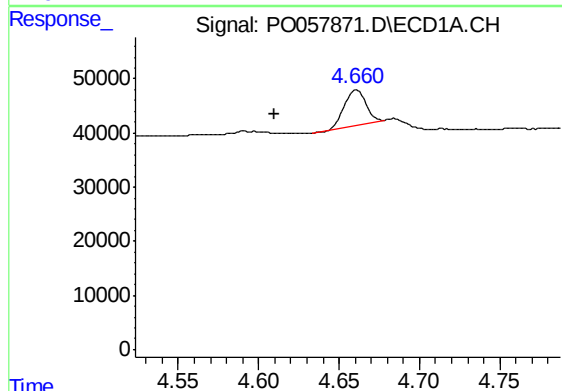
R.T.: 0.000 min  
Exp R.T.: 5.861 min  
Response: 0  
Conc: N.D.

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



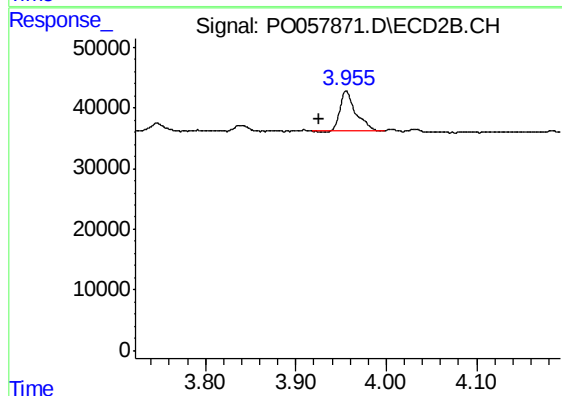
#7 AR-1016-5

R.T.: 5.132 min  
Delta R.T.: 0.068 min  
Response: 38623  
Conc: 33.81 ng/ml



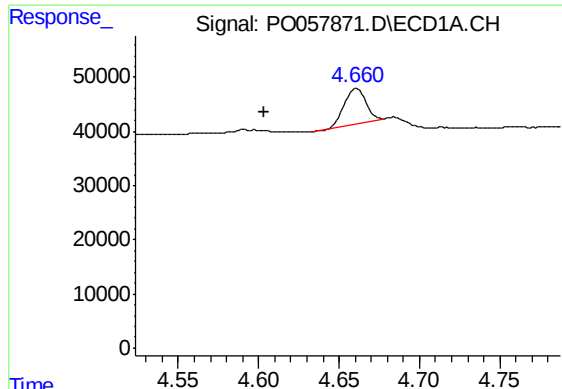
#10 AR-1221-3

R.T.: 4.661 min  
Delta R.T.: 0.051 min  
Response: 59612  
Conc: 56.47 ng/ml



#10 AR-1221-3

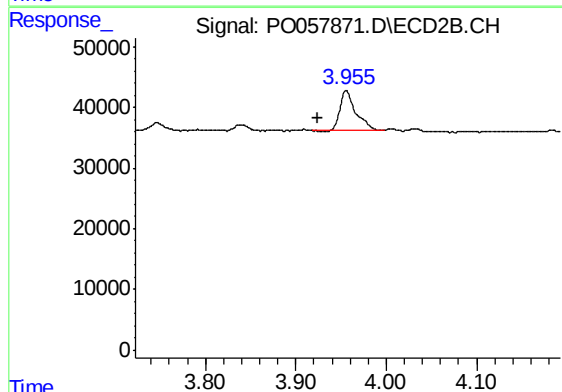
R.T.: 3.956 min  
Delta R.T.: 0.030 min  
Response: 78946  
Conc: 90.14 ng/ml



#11 AR-1232-1

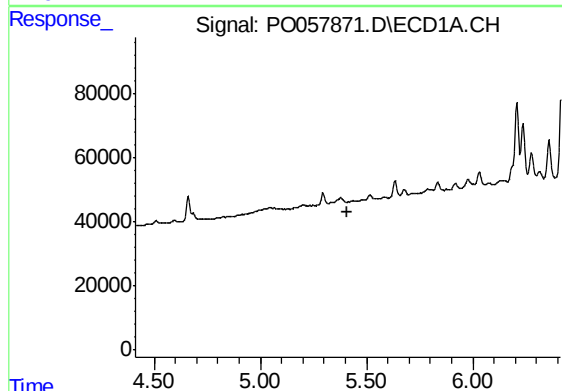
R.T.: 4.661 min  
Delta R.T.: 0.057 min  
Response: 59612  
Conc: 66.40 ng/ml

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



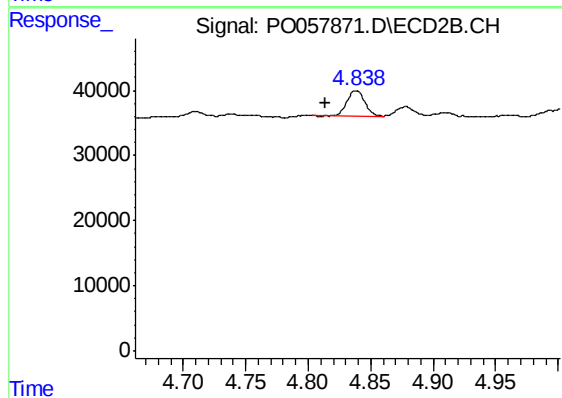
#11 AR-1232-1

R.T.: 3.956 min  
Delta R.T.: 0.031 min  
Response: 78946  
Conc: 105.68 ng/ml



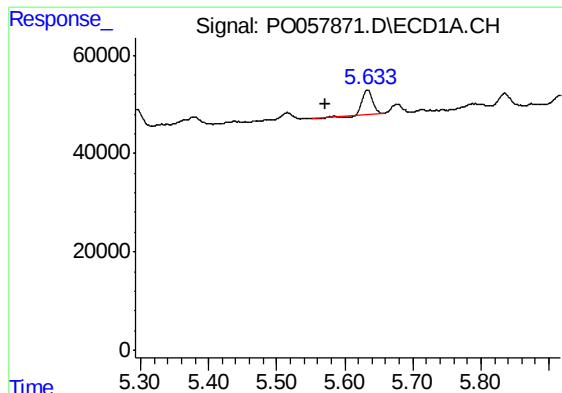
#13 AR-1232-3

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



#13 AR-1232-3

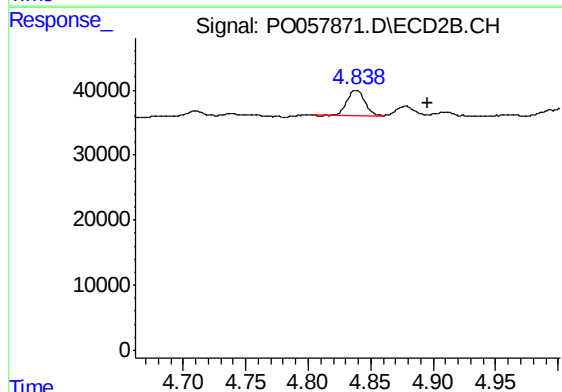
R.T.: 4.838 min  
Delta R.T.: 0.024 min  
Response: 38850  
Conc: 89.94 ng/ml



#14 AR-1232-4

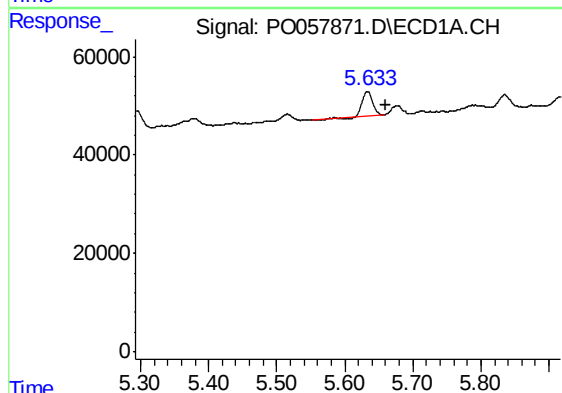
R.T.: 5.633 min  
Delta R.T.: 0.062 min  
Response: 53082  
Conc: 99.87 ng/ml

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



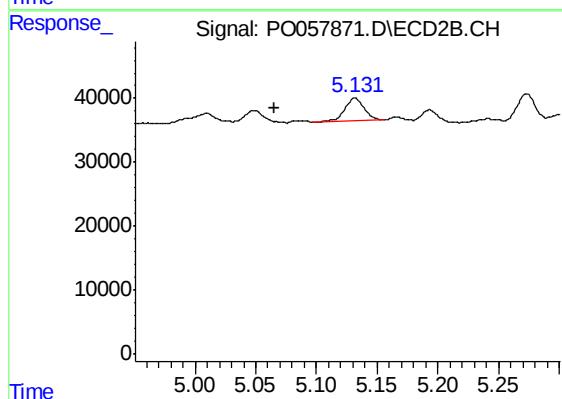
#14 AR-1232-4

R.T.: 4.838 min  
Delta R.T.: -0.057 min  
Response: 38850  
Conc: 102.18 ng/ml



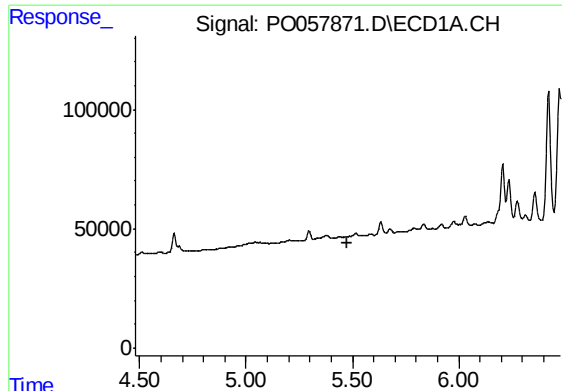
#15 AR-1232-5

R.T.: 5.633 min  
Delta R.T.: -0.026 min  
Response: 53082  
Conc: 128.55 ng/ml



#15 AR-1232-5

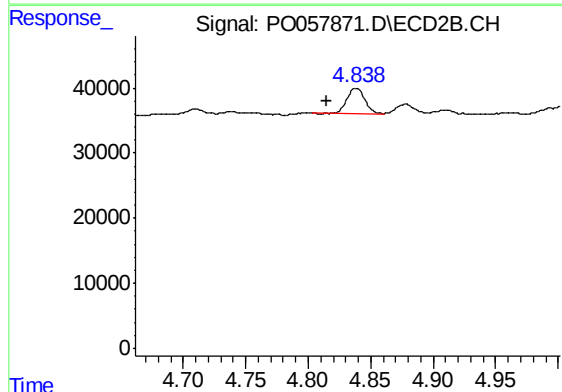
R.T.: 5.132 min  
Delta R.T.: 0.066 min  
Response: 38623  
Conc: 90.72 ng/ml



#18 AR-1242-3

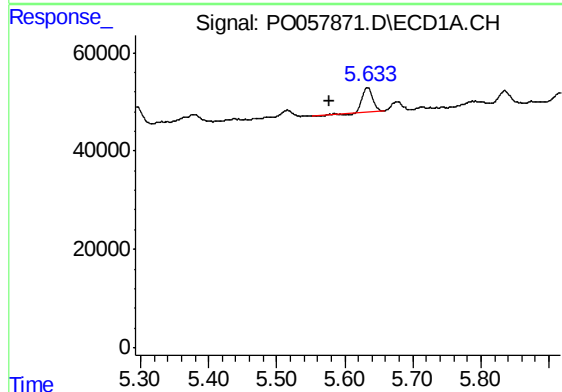
R.T.: 0.000 min  
Exp R.T.: 5.479 min  
Response: 0  
Conc: N.D.

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



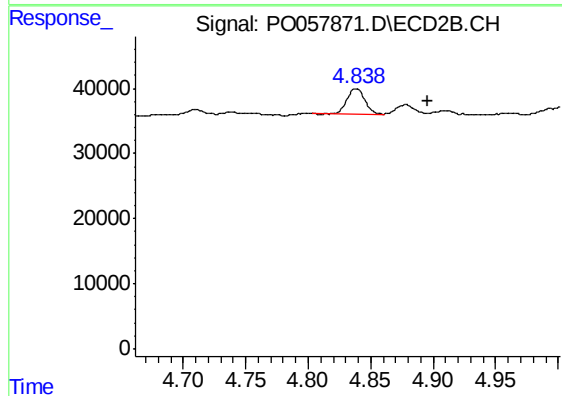
#18 AR-1242-3

R.T.: 4.838 min  
Delta R.T.: 0.024 min  
Response: 38850  
Conc: 45.82 ng/ml



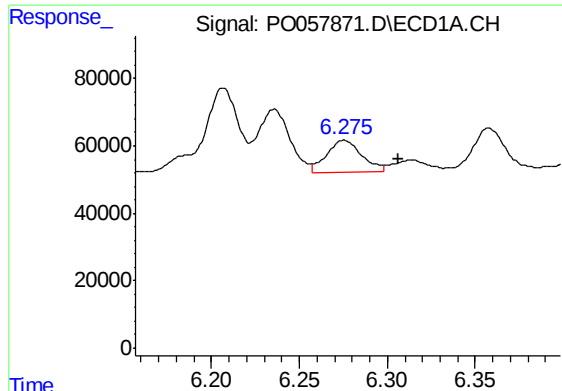
#19 AR-1242-4

R.T.: 5.633 min  
Delta R.T.: 0.056 min  
Response: 53082  
Conc: 48.93 ng/ml



#19 AR-1242-4

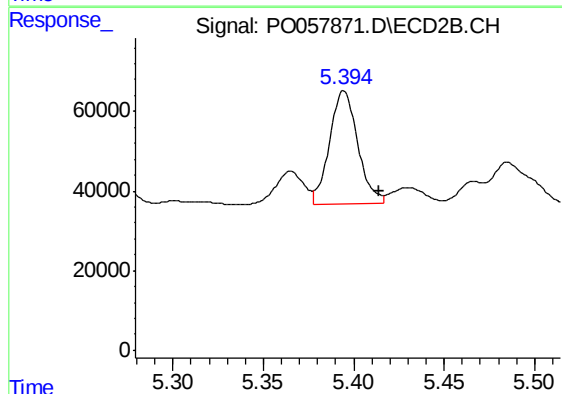
R.T.: 4.838 min  
Delta R.T.: -0.057 min  
Response: 38850  
Conc: 46.56 ng/ml



#20 AR-1242-5

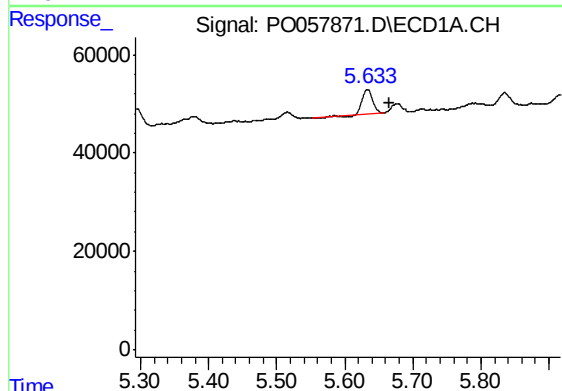
R.T.: 6.275 min  
Delta R.T.: -0.031 min  
Response: 130218  
Conc: 100.36 ng/ml

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



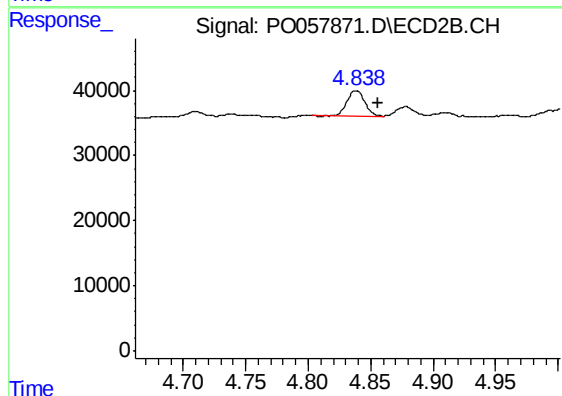
#20 AR-1242-5

R.T.: 5.395 min  
Delta R.T.: -0.020 min  
Response: 311272  
Conc: 310.82 ng/ml



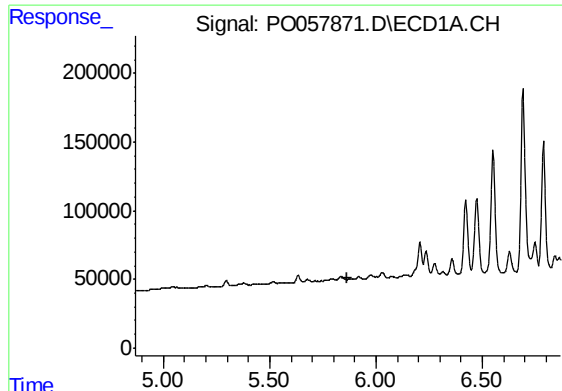
#22 AR-1248-2

R.T.: 5.633 min  
Delta R.T.: -0.032 min  
Response: 53082  
Conc: 30.58 ng/ml



#22 AR-1248-2

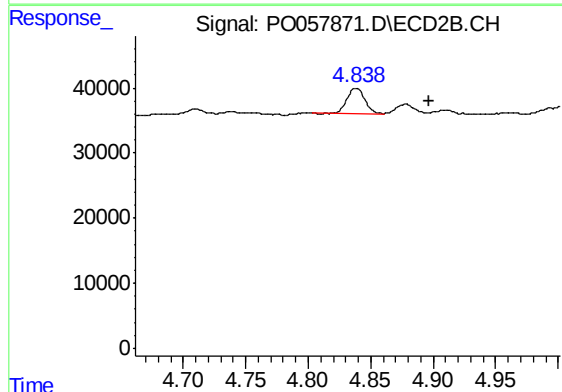
R.T.: 4.838 min  
Delta R.T.: -0.017 min  
Response: 38850  
Conc: 30.22 ng/ml



#23 AR-1248-3

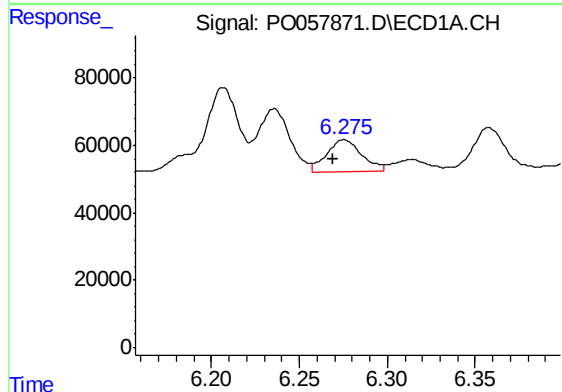
R.T.: 0.000 min  
Exp R.T.: 5.868 min  
Response: 0  
Conc: N.D.

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



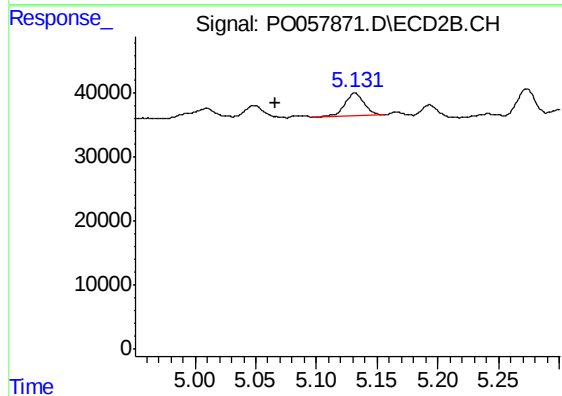
#23 AR-1248-3

R.T.: 4.838 min  
Delta R.T.: -0.058 min  
Response: 38850  
Conc: 29.44 ng/ml



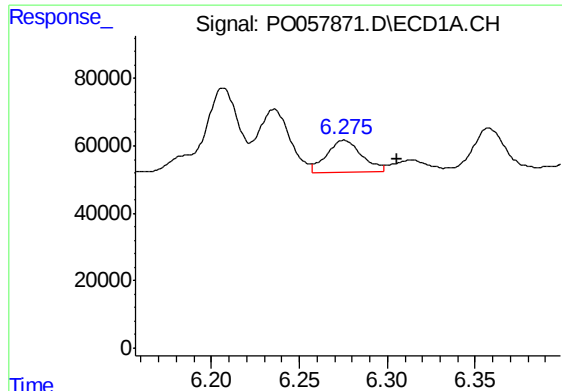
#24 AR-1248-4

R.T.: 6.275 min  
Delta R.T.: 0.006 min  
Response: 130218  
Conc: 55.56 ng/ml



#24 AR-1248-4

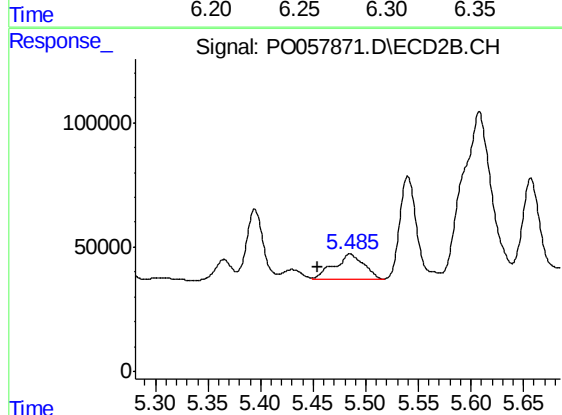
R.T.: 5.132 min  
Delta R.T.: 0.065 min  
Response: 38623  
Conc: 23.86 ng/ml



#25 AR-1248-5

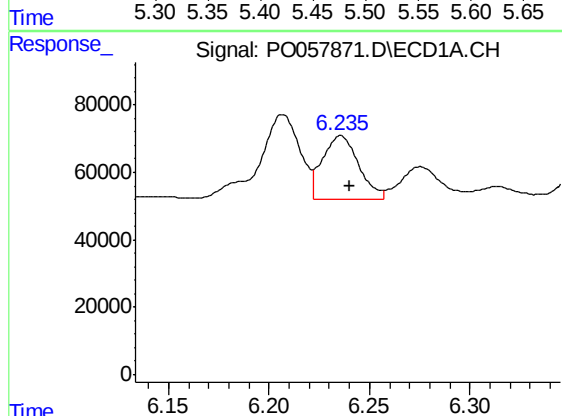
R.T.: 6.275 min  
Delta R.T.: -0.030 min  
Response: 130218  
Conc: 57.99 ng/ml

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



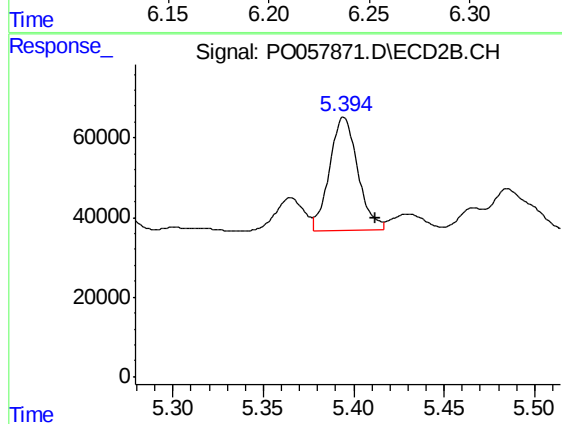
#25 AR-1248-5

R.T.: 5.485 min  
Delta R.T.: 0.031 min  
Response: 200738  
Conc: 129.80 ng/ml



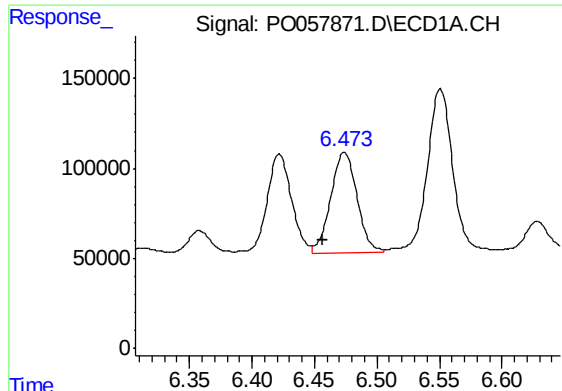
#26 AR-1254-1

R.T.: 6.236 min  
Delta R.T.: -0.005 min  
Response: 237249  
Conc: 121.81 ng/ml



#26 AR-1254-1

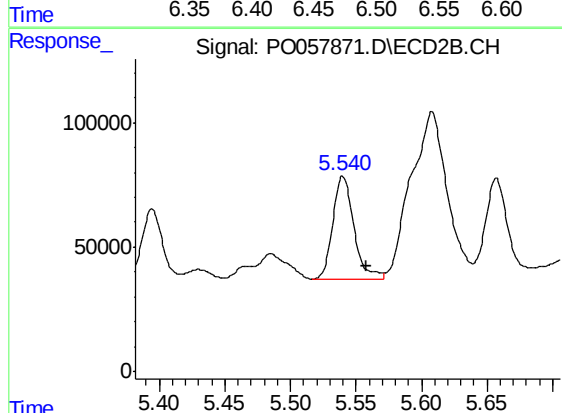
R.T.: 5.395 min  
Delta R.T.: -0.017 min  
Response: 311272  
Conc: 146.36 ng/ml



#27 AR-1254-2

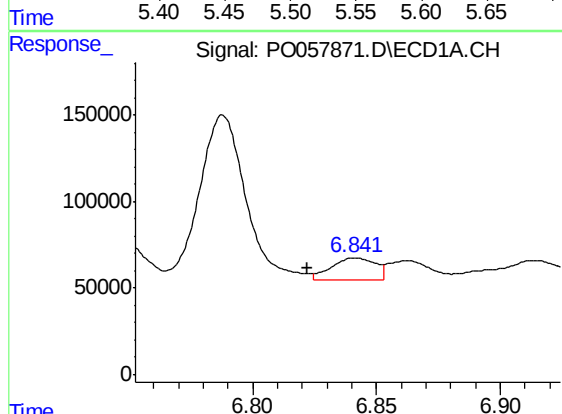
R.T.: 6.474 min  
Delta R.T.: 0.017 min  
Response: 821233  
Conc: 263.49 ng/ml

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



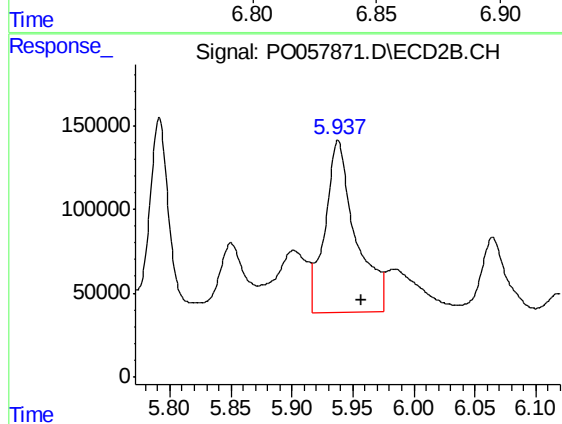
#27 AR-1254-2

R.T.: 5.540 min  
Delta R.T.: -0.018 min  
Response: 461756  
Conc: 248.09 ng/ml



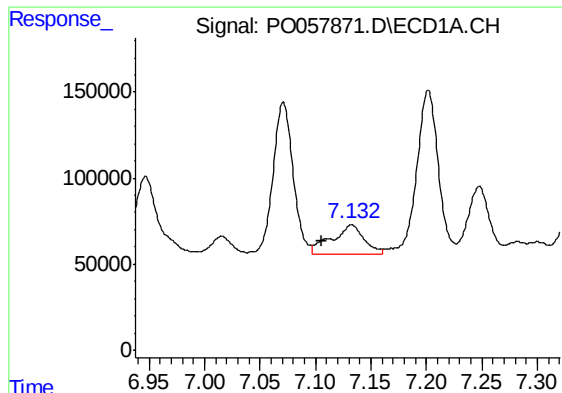
#28 AR-1254-3

R.T.: 6.841 min  
Delta R.T.: 0.019 min  
Response: 161094  
Conc: 48.73 ng/ml



#28 AR-1254-3

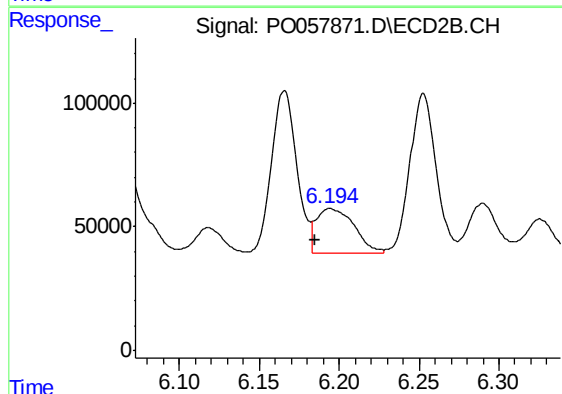
R.T.: 5.938 min  
Delta R.T.: -0.019 min  
Response: 1786525  
Conc: 593.29 ng/ml



#29 AR-1254-4

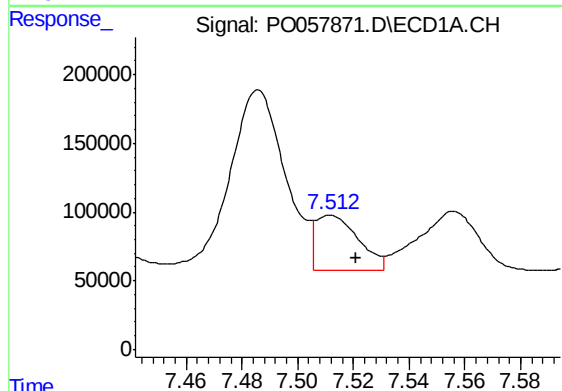
R.T.: 7.133 min  
Delta R.T.: 0.027 min  
Response: 346215  
Conc: 127.57 ng/ml

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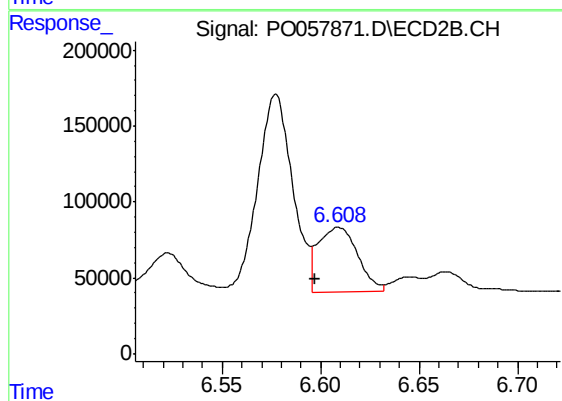
#29 AR-1254-4

R.T.: 6.194 min  
Delta R.T.: 0.010 min  
Response: 294966  
Conc: 163.86 ng/ml



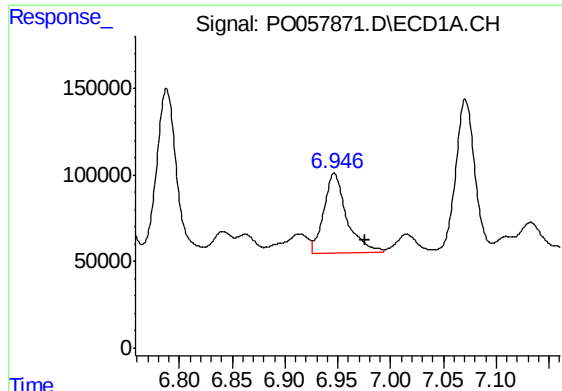
#30 AR-1254-5

R.T.: 7.512 min  
Delta R.T.: -0.009 min  
Response: 432110  
Conc: 154.55 ng/ml



#30 AR-1254-5

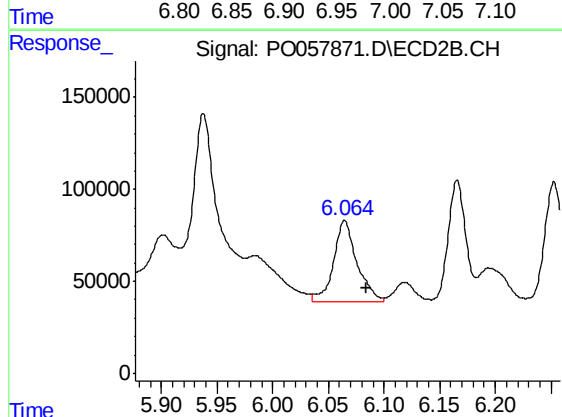
R.T.: 6.609 min  
Delta R.T.: 0.012 min  
Response: 592942  
Conc: 218.87 ng/ml



#31 AR-1260-1

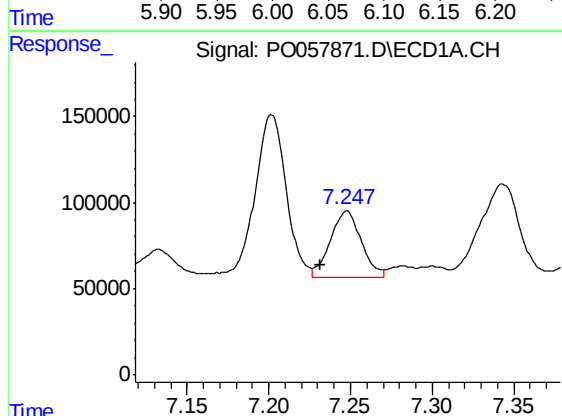
R.T.: 6.947 min  
Delta R.T.: -0.029 min  
Response: 695534  
Conc: 250.97 ng/ml

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



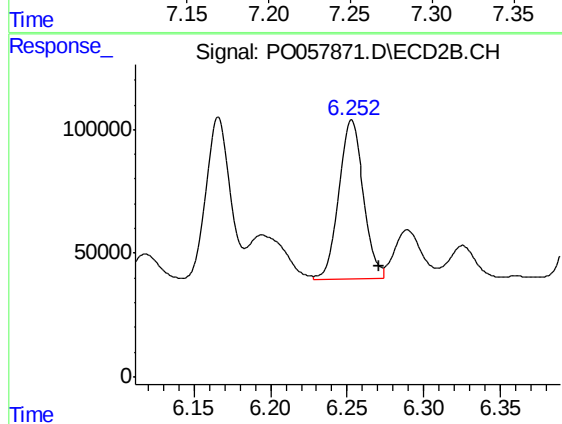
#31 AR-1260-1

R.T.: 6.065 min  
Delta R.T.: -0.019 min  
Response: 646326  
Conc: 301.98 ng/ml



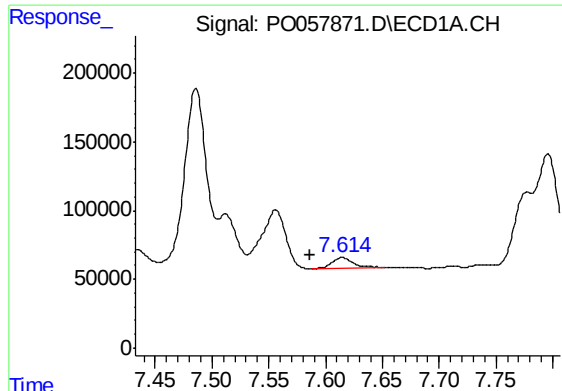
#32 AR-1260-2

R.T.: 7.248 min  
Delta R.T.: 0.016 min  
Response: 514630  
Conc: 139.59 ng/ml



#32 AR-1260-2

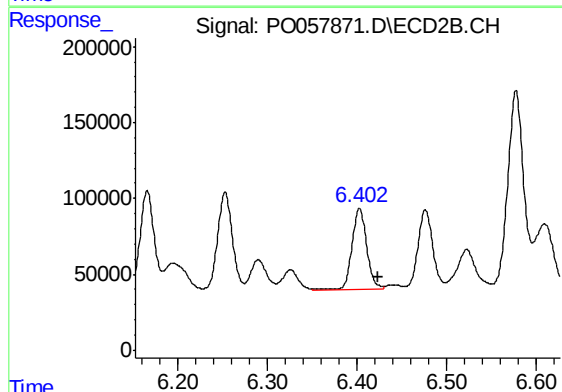
R.T.: 6.253 min  
Delta R.T.: -0.019 min  
Response: 734899  
Conc: 267.86 ng/ml



#33 AR-1260-3

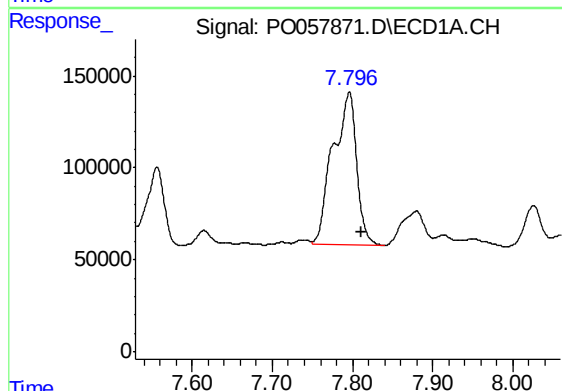
R.T.: 7.615 min  
Delta R.T.: 0.028 min  
Response: 94093  
Conc: 30.97 ng/ml

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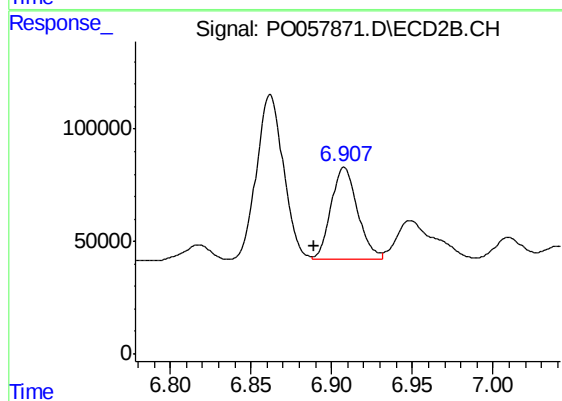
#33 AR-1260-3

R.T.: 6.403 min  
Delta R.T.: -0.020 min  
Response: 616650  
Conc: 252.57 ng/ml



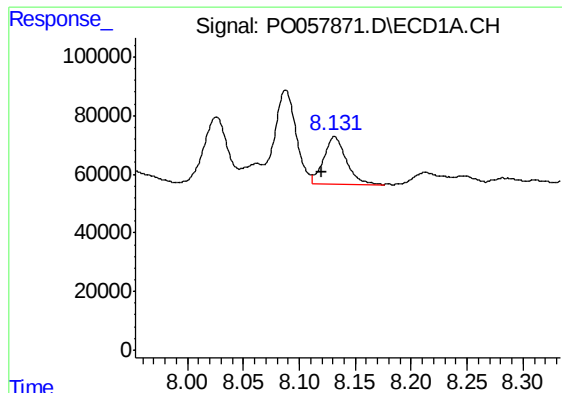
#34 AR-1260-4

R.T.: 7.796 min  
Delta R.T.: -0.016 min  
Response: 1711471  
Conc: 564.33 ng/ml



#34 AR-1260-4

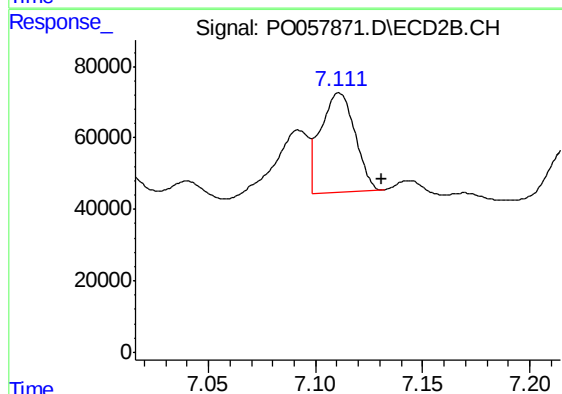
R.T.: 6.908 min  
Delta R.T.: 0.019 min  
Response: 468603  
Conc: 225.07 ng/ml



#35 AR-1260-5

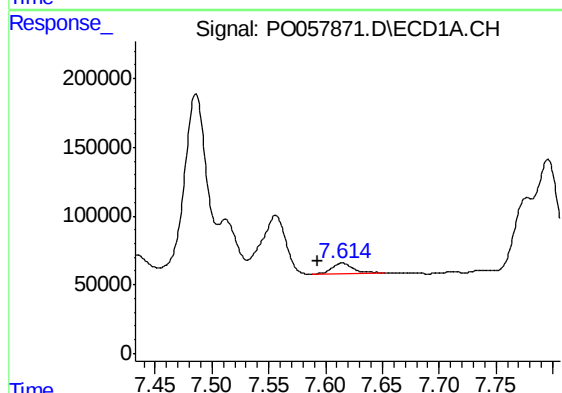
R.T.: 8.131 min  
Delta R.T.: 0.012 min  
Response: 229311  
Conc: 36.67 ng/ml

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



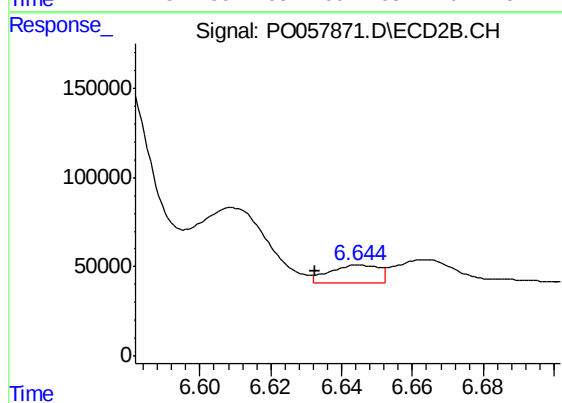
#35 AR-1260-5

R.T.: 7.111 min  
Delta R.T.: -0.020 min  
Response: 313993  
Conc: 61.91 ng/ml



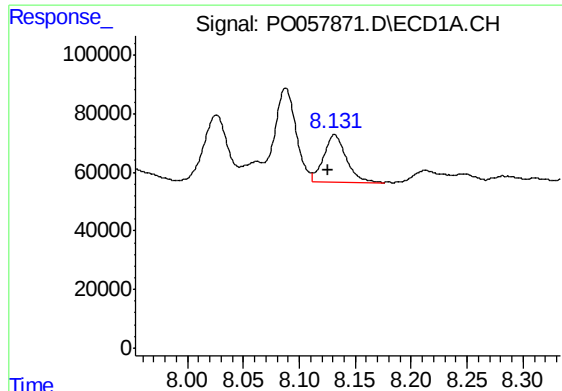
#36 AR-1262-1

R.T.: 7.615 min  
Delta R.T.: 0.021 min  
Response: 94093  
Conc: 20.70 ng/ml



#36 AR-1262-1

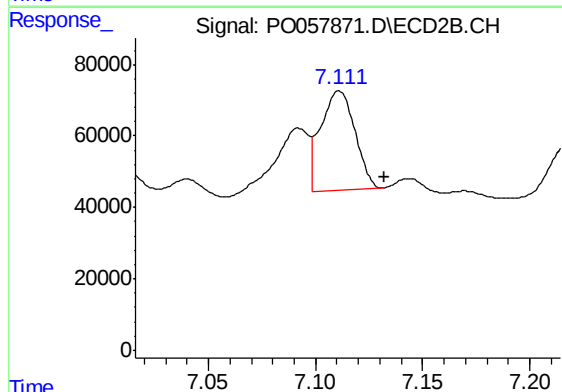
R.T.: 6.645 min  
Delta R.T.: 0.013 min  
Response: 97129  
Conc: 25.95 ng/ml



#37 AR-1262-2

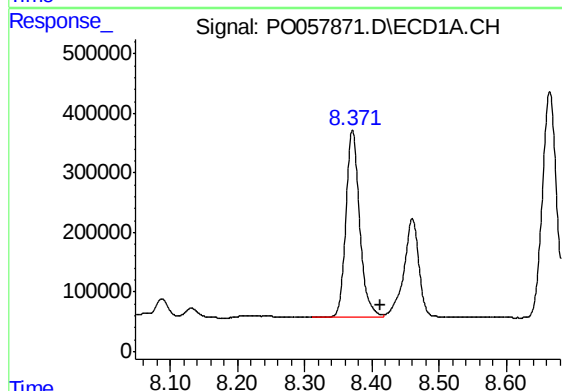
R.T.: 8.131 min  
Delta R.T.: 0.006 min  
Response: 229311  
Conc: 32.01 ng/ml

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



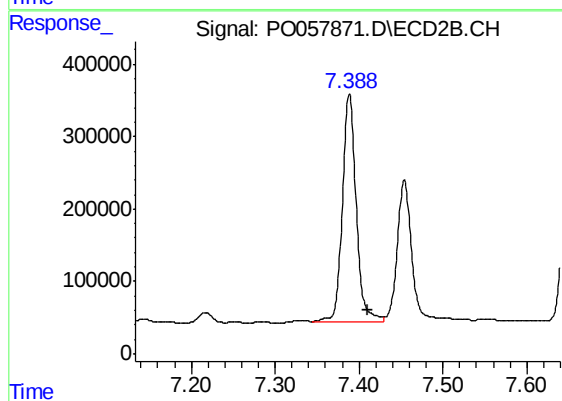
#37 AR-1262-2

R.T.: 7.111 min  
Delta R.T.: -0.021 min  
Response: 313993  
Conc: 52.84 ng/ml



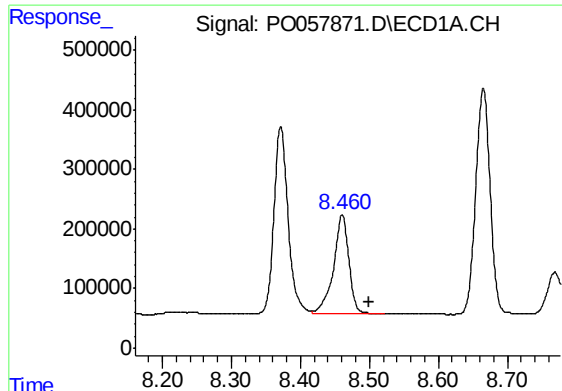
#38 AR-1262-3

R.T.: 8.371 min  
Delta R.T.: -0.042 min  
Response: 4458884  
Conc: 908.10 ng/ml



#38 AR-1262-3

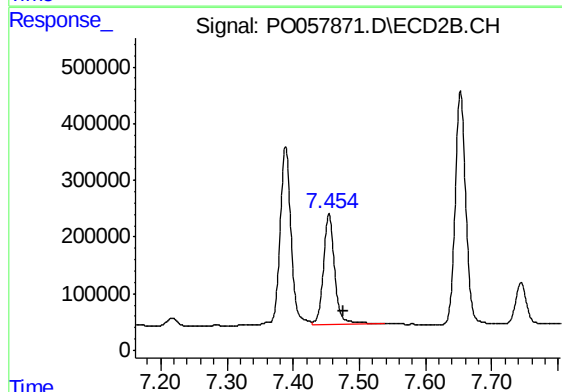
R.T.: 7.389 min  
Delta R.T.: -0.021 min  
Response: 3621189  
Conc: 1415.73 ng/ml



#39 AR-1262-4

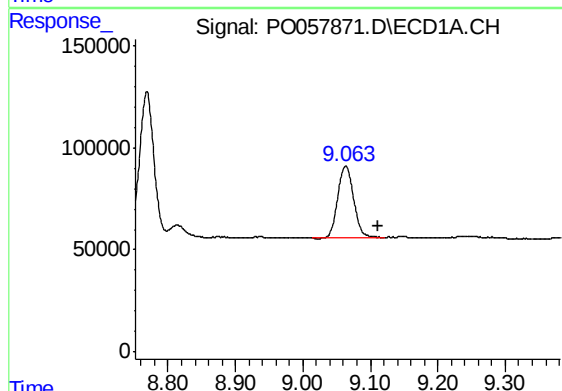
R.T.: 8.461 min  
Delta R.T.: -0.039 min  
Response: 2574833  
Conc: 632.90 ng/ml

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



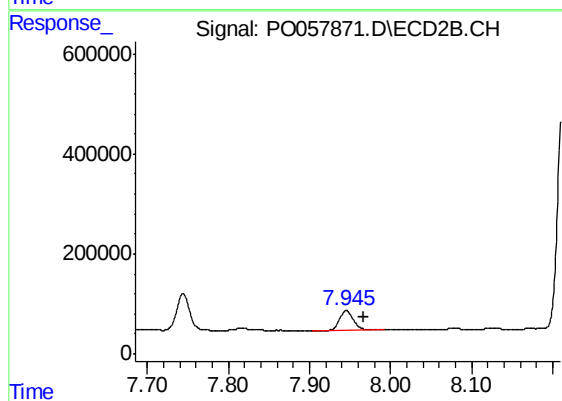
#39 AR-1262-4

R.T.: 7.454 min  
Delta R.T.: -0.022 min  
Response: 2341280  
Conc: 531.22 ng/ml



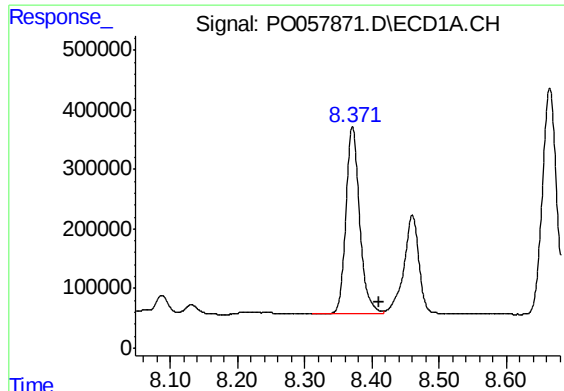
#40 AR-1262-5

R.T.: 9.064 min  
Delta R.T.: -0.048 min  
Response: 577025  
Conc: 228.83 ng/ml



#40 AR-1262-5

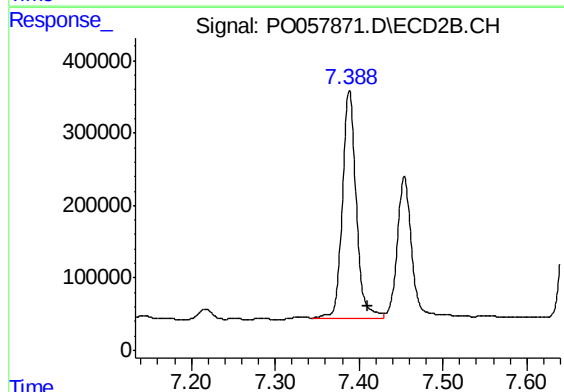
R.T.: 7.945 min  
Delta R.T.: -0.022 min  
Response: 449255  
Conc: 246.00 ng/ml



#41 AR-1268-1

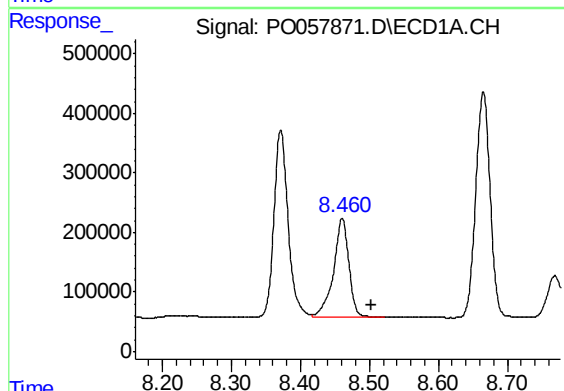
R.T.: 8.371 min  
Delta R.T.: -0.040 min  
Response: 4458884  
Conc: 528.80 ng/ml

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



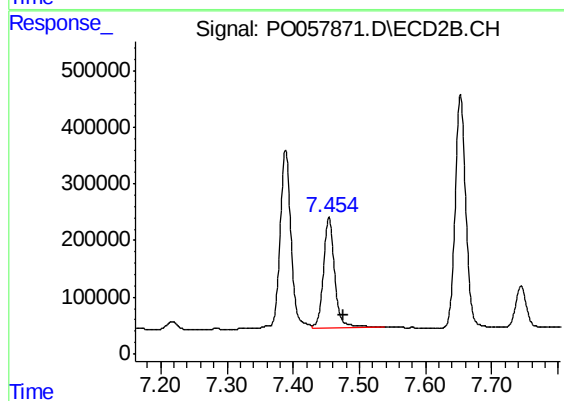
#41 AR-1268-1

R.T.: 7.389 min  
Delta R.T.: -0.022 min  
Response: 3621189  
Conc: 528.87 ng/ml



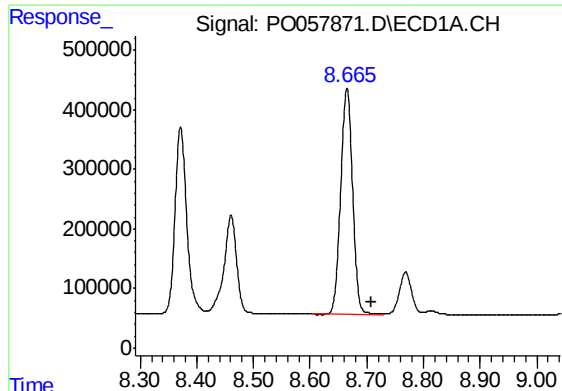
#42 AR-1268-2

R.T.: 8.461 min  
Delta R.T.: -0.042 min  
Response: 2574833  
Conc: 322.48 ng/ml



#42 AR-1268-2

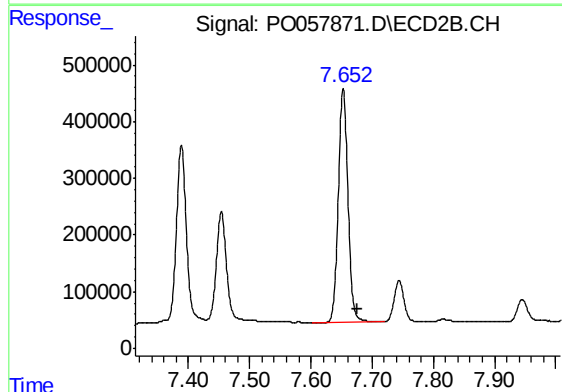
R.T.: 7.454 min  
Delta R.T.: -0.022 min  
Response: 2341280  
Conc: 368.88 ng/ml



#43 AR-1268-3

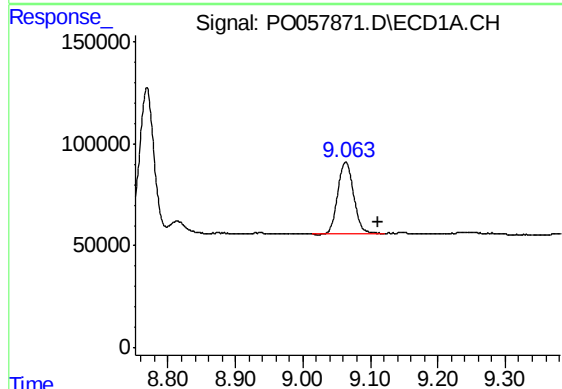
R.T.: 8.665 min  
Delta R.T.: -0.043 min  
Response: 5542339  
Conc: 822.17 ng/ml

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



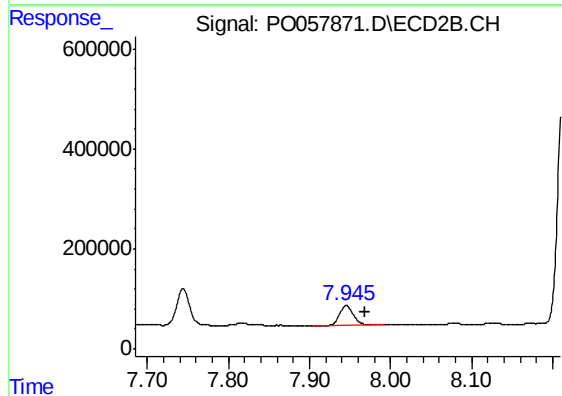
#43 AR-1268-3

R.T.: 7.653 min  
Delta R.T.: -0.024 min  
Response: 4552347  
Conc: 850.78 ng/ml



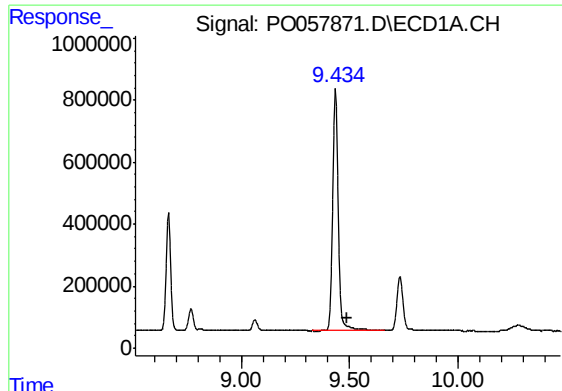
#44 AR-1268-4

R.T.: 9.064 min  
Delta R.T.: -0.047 min  
Response: 577025  
Conc: 223.95 ng/ml



#44 AR-1268-4

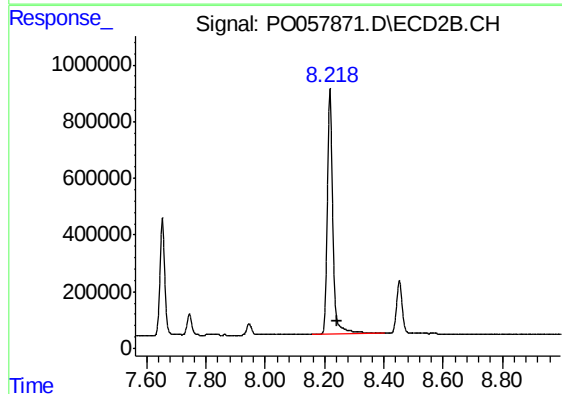
R.T.: 7.945 min  
Delta R.T.: -0.023 min  
Response: 449255  
Conc: 224.25 ng/ml



#45 AR-1268-5

R.T.: 9.434 min  
Delta R.T.: -0.052 min  
Response: 13821296  
Conc: 698.71 ng/ml

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



#45 AR-1268-5

R.T.: 8.218 min  
Delta R.T.: -0.025 min  
Response: 11163587  
Conc: 726.51 ng/ml