

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102120\  
 Data File : PO072593.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Oct 2020 9:46  
 Operator : DD\AJ  
 Sample : L4476-01 10X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 10:45:56 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101420.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 14 17:47:24 2020  
 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... | 4.319  | 3.503  | 196578   | 103236  | 2.318    | 2.451      |
| 2)                          | SA Decachlor... | 9.920  | 8.666  | 186985   | 100400  | 1.695    | 1.942      |
| Target Compounds            |                 |        |        |          |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.622  | 4.721  | 103049   | 19697   | 31.265   | 11.453 #   |
| 4)                          | L1 AR-1016-2    | 5.648  | 4.721f | 128058   | 19697   | 27.401   | 8.019 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.981  | 0        | 1469407 | N.D.     | 1395.543 # |
| 7)                          | L1 AR-1016-5    | 6.121  | 5.200  | 1860727  | 954199  | 916.346  | 724.616    |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.721f | 0        | 19697   | N.D.     | 18.987 #   |
| 13)                         | L3 AR-1232-3    | 5.648  | 0.000  | 128058   | 0       | 65.355   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.021  | 0        | 619994  | N.D.     | 1408.154 # |
| 15)                         | L3 AR-1232-5    | 5.910  | 5.200  | 3204909  | 954199  | 5344.797 | 1867.723 # |
| 16)                         | L4 AR-1242-1    | 5.622  | 4.721  | 103049   | 19697   | 42.313   | 15.239 #   |
| 17)                         | L4 AR-1242-2    | 5.648  | 4.721f | 128058   | 19697   | 36.381   | 10.756 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.021  | 0        | 619994  | N.D.     | 699.941 #  |
| 20)                         | L4 AR-1242-5    | 6.583  | 5.574  | 2672086  | 3962939 | 1146.229 | 2886.497 # |
| 21)                         | L5 AR-1248-1    | 5.622  | 4.721  | 103049   | 19697   | 55.122   | 19.365 #   |
| 22)                         | L5 AR-1248-2    | 5.910  | 4.981  | 3204909  | 1469407 | 1280.954 | 1030.533   |
| 23)                         | L5 AR-1248-3    | 6.121  | 5.021  | 1860727  | 619994  | 642.251  | 461.651 #  |
| 24)                         | L5 AR-1248-4    | 6.546  | 5.200  | 3877744  | 954199  | 876.884  | 568.213 #  |
| 25)                         | L5 AR-1248-5    | 6.583  | 5.615  | 2672086  | 846323  | 679.715  | 458.208 #  |
| 26)                         | L6 AR-1254-1    | 6.512  | 5.574  | 5979925  | 3962939 | 1415.558 | 1433.669   |
| 27)                         | L6 AR-1254-2    | 6.739  | 5.734  | 10578400 | 3459899 | 1632.238 | 1423.083   |
| 28)                         | L6 AR-1254-3    | 7.116  | 6.142  | 11201502 | 6030935 | 1648.060 | 1567.260   |
| 29)                         | L6 AR-1254-4    | 7.410  | 6.383  | 12014763 | 4857687 | 1812.659 | 1809.024   |
| 30)                         | L6 AR-1254-5    | 7.831  | 6.803  | 10124573 | 5817973 | 1580.555 | 1587.567   |
| 31)                         | L7 AR-1260-1    | 7.278  | 6.279  | 4071654  | 2673186 | 835.517  | 1044.940 # |
| 32)                         | L7 AR-1260-2    | 7.544  | 6.479  | 7022537  | 2658910 | 915.257  | 824.586    |
| 33)                         | L7 AR-1260-3    | 7.889  | 6.619  | 1112041  | 2194871 | 173.520  | 731.315 #  |
| 34)                         | L7 AR-1260-4    | 8.122  | 7.099  | 3621341  | 261594  | 595.022  | 99.220 #   |
| 35)                         | L7 AR-1260-5    | 8.442  | 7.352  | 1552656  | 707015  | 106.879  | 108.217    |
| 36)                         | L8 AR-1262-1    | 7.889  | 6.803  | 1112041  | 5817973 | 117.257  | 3049.089 # |
| 37)                         | L8 AR-1262-2    | 8.442  | 7.352  | 1552656  | 707015  | 97.144   | 105.855    |
| 38)                         | L8 AR-1262-3    | 8.733f | 7.629  | 1133392  | 47351   | 162.196  | 16.614 #   |
| 39)                         | L8 AR-1262-4    | 8.775f | 7.688  | 331202   | 683480  | 82.877   | 132.617 #  |
| 40)                         | L8 AR-1262-5    | 9.338  | 8.189  | 164442   | 81246   | 30.911   | 32.171     |
| 41)                         | L9 AR-1268-1    | 8.733f | 7.629  | 1133392  | 47351   | 58.872   | 5.971 #    |
| 42)                         | L9 AR-1268-2    | 8.775f | 7.688  | 331202   | 683480  | 20.061   | 93.939 #   |
| 44)                         | L9 AR-1268-4    | 9.338  | 8.189  | 164442   | 81246   | 27.560   | 28.739     |
| -----                       |                 |        |        |          |         |          |            |

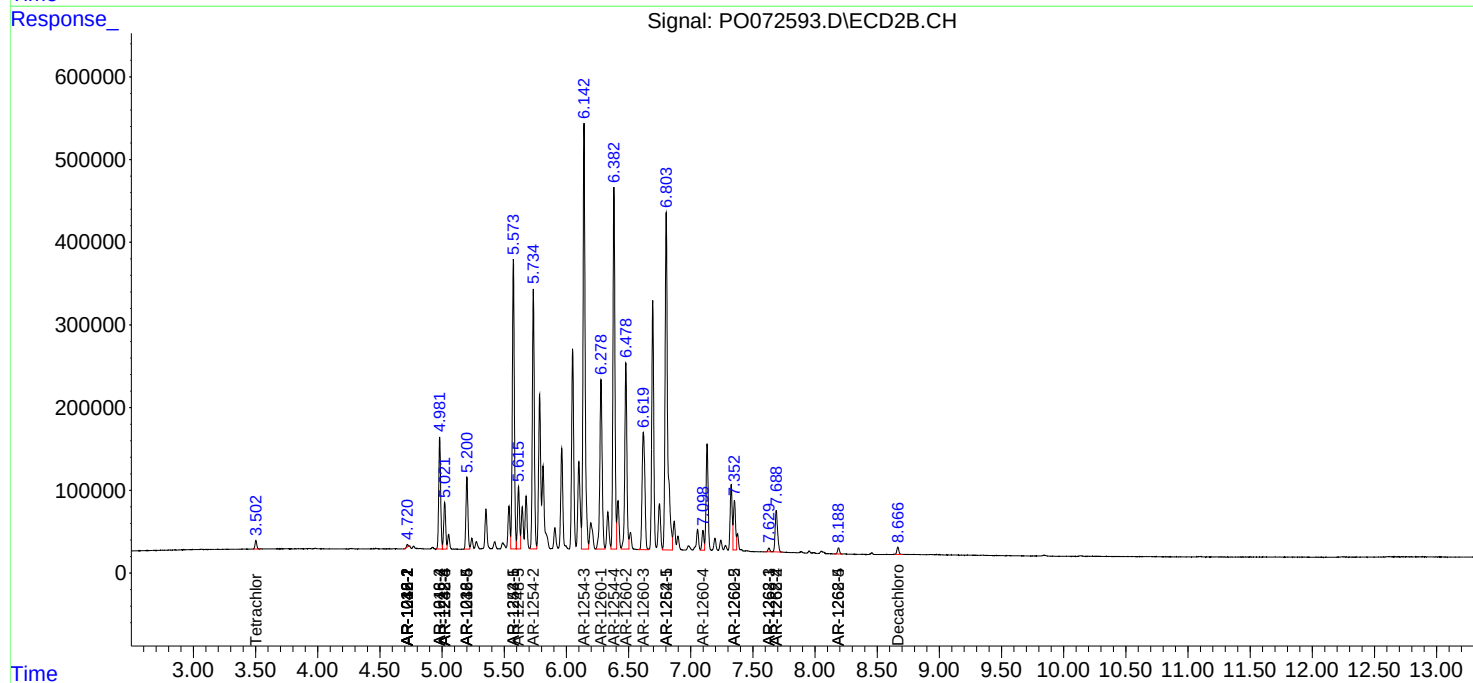
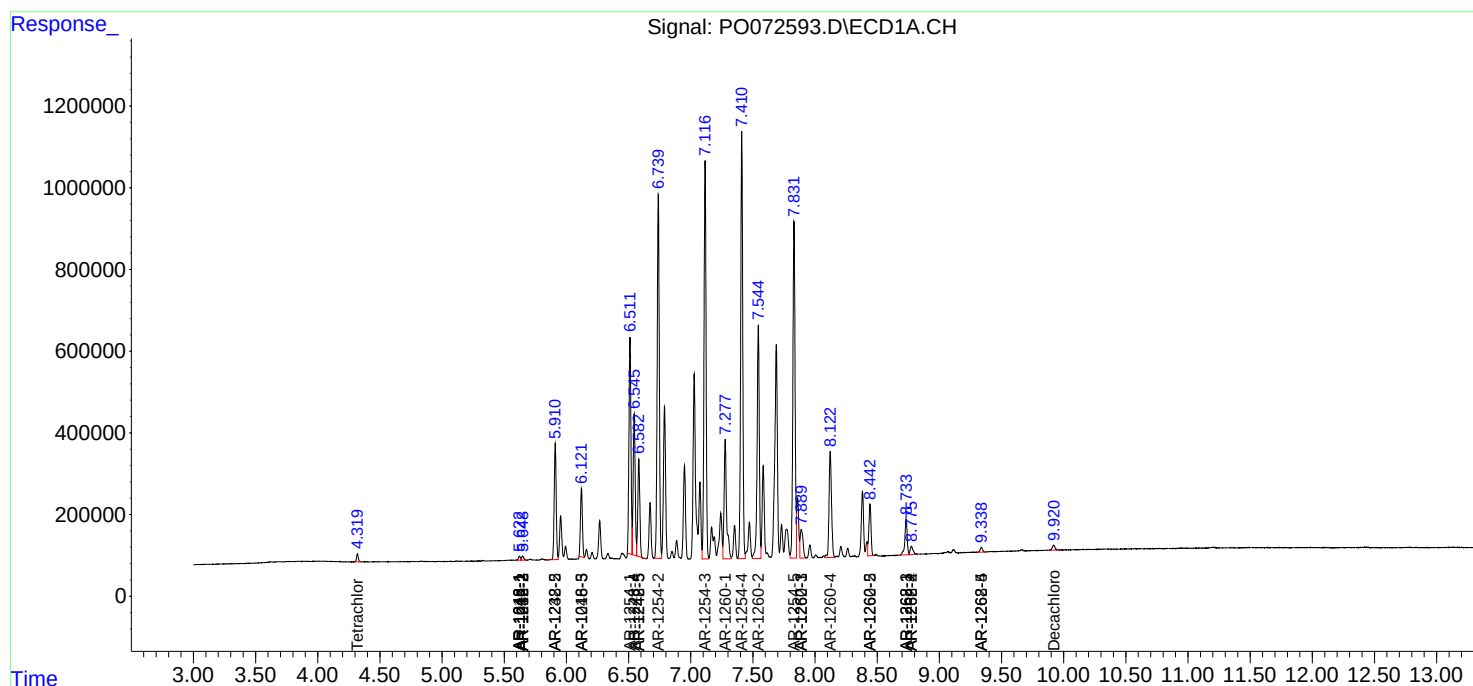
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

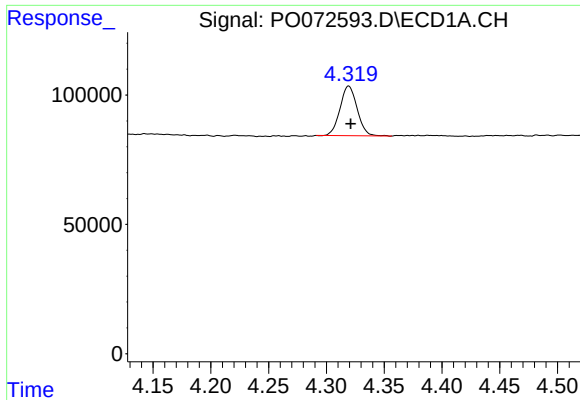
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102120\  
Data File : PO072593.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Oct 2020 9:46  
Operator : DD\AJ  
Sample : L4476-01 10X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 10:45:56 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101420.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 14 17:47:24 2020  
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

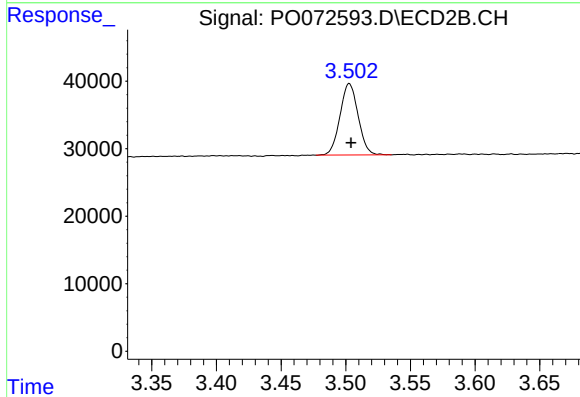




#1 Tetrachloro-m-xylene

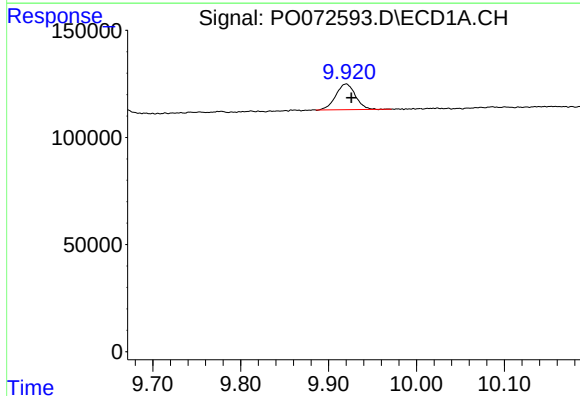
R.T.: 4.319 min  
Delta R.T.: -0.002 min  
Response: 196578  
Conc: 2.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



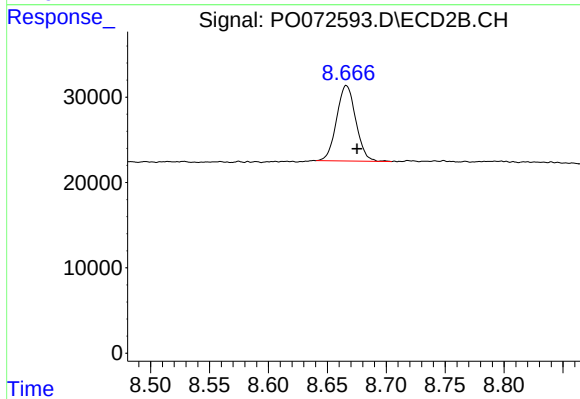
#1 Tetrachloro-m-xylene

R.T.: 3.503 min  
Delta R.T.: -0.001 min  
Response: 103236  
Conc: 2.45 ng/ml



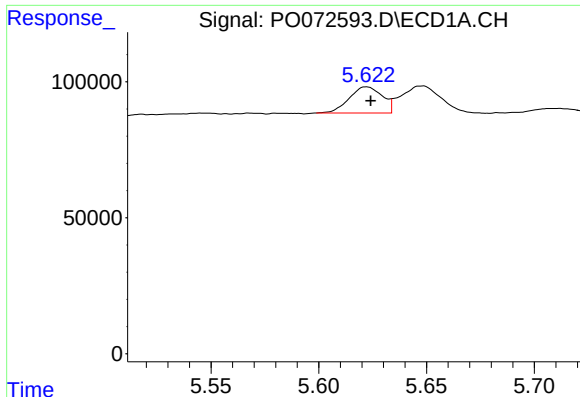
#2 Decachlorobiphenyl

R.T.: 9.920 min  
Delta R.T.: -0.006 min  
Response: 186985  
Conc: 1.70 ng/ml



#2 Decachlorobiphenyl

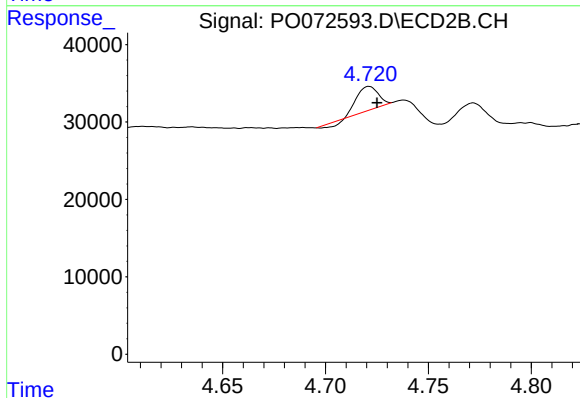
R.T.: 8.666 min  
Delta R.T.: -0.009 min  
Response: 100400  
Conc: 1.94 ng/ml



#3 AR-1016-1

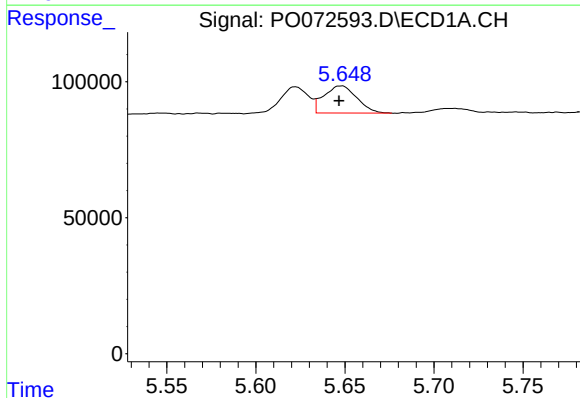
R.T.: 5.622 min  
Delta R.T.: -0.002 min  
Response: 103049  
Conc: 31.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



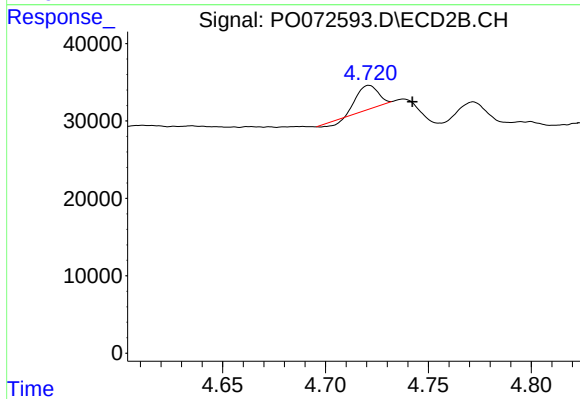
#3 AR-1016-1

R.T.: 4.721 min  
Delta R.T.: -0.004 min  
Response: 19697  
Conc: 11.45 ng/ml



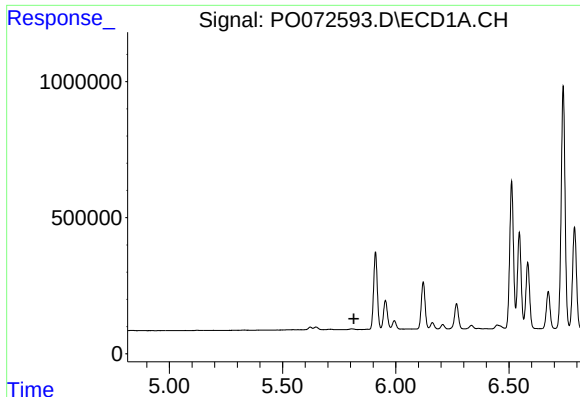
#4 AR-1016-2

R.T.: 5.648 min  
Delta R.T.: 0.001 min  
Response: 128058  
Conc: 27.40 ng/ml



#4 AR-1016-2

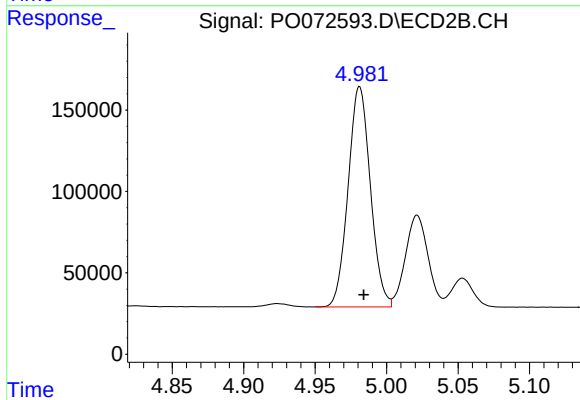
R.T.: 4.721 min  
Delta R.T.: -0.021 min  
Response: 19697  
Conc: 8.02 ng/ml



#6 AR-1016-4

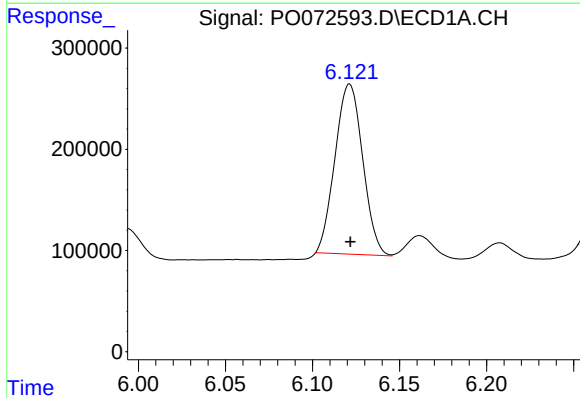
R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



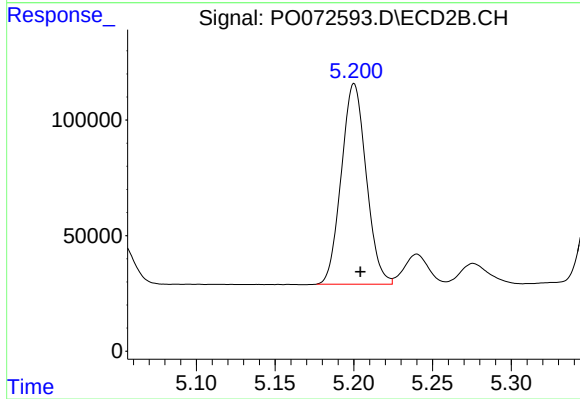
#6 AR-1016-4

R.T.: 4.981 min  
Delta R.T.: -0.003 min  
Response: 1469407  
Conc: 1395.54 ng/ml



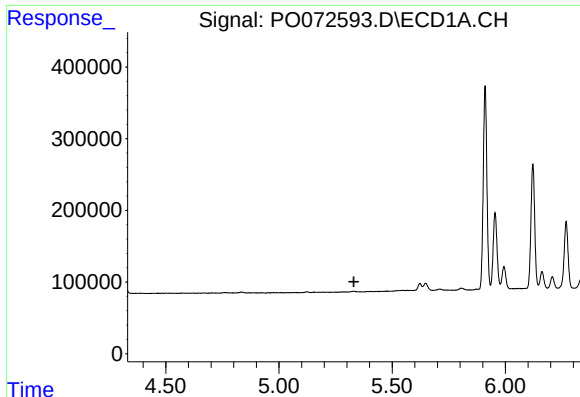
#7 AR-1016-5

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 1860727  
Conc: 916.35 ng/ml



#7 AR-1016-5

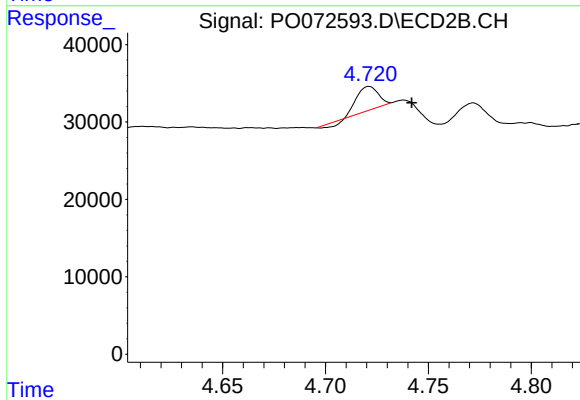
R.T.: 5.200 min  
Delta R.T.: -0.004 min  
Response: 954199  
Conc: 724.62 ng/ml



#12 AR-1232-2

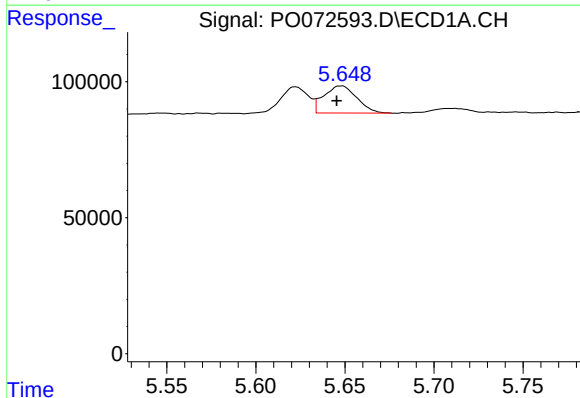
R.T.: 0.000 min  
Exp R.T.: 5.331 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



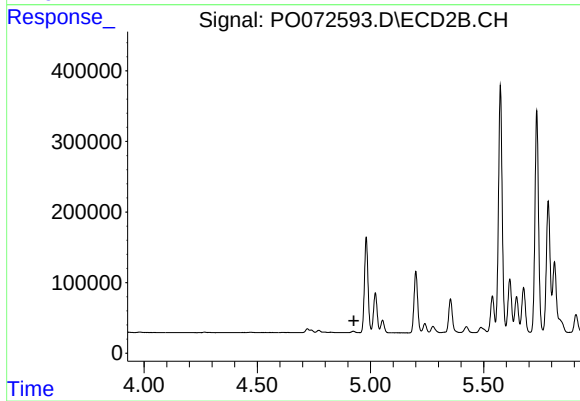
#12 AR-1232-2

R.T.: 4.721 min  
Delta R.T.: -0.021 min  
Response: 19697  
Conc: 18.99 ng/ml



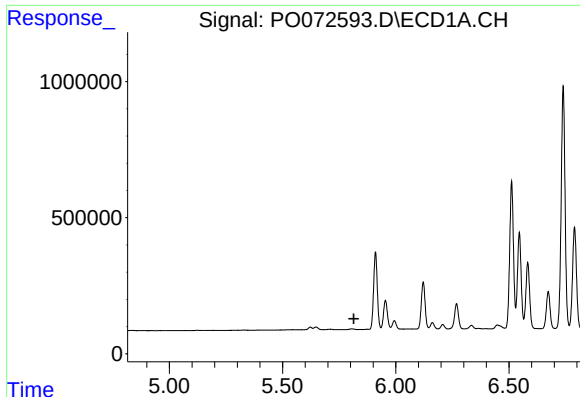
#13 AR-1232-3

R.T.: 5.648 min  
Delta R.T.: 0.002 min  
Response: 128058  
Conc: 65.36 ng/ml



#13 AR-1232-3

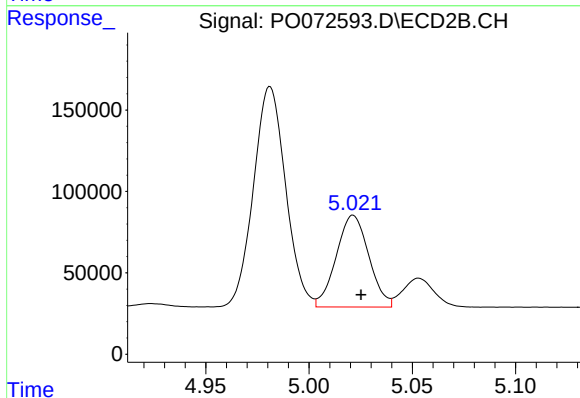
R.T.: 0.000 min  
Exp R.T.: 4.926 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

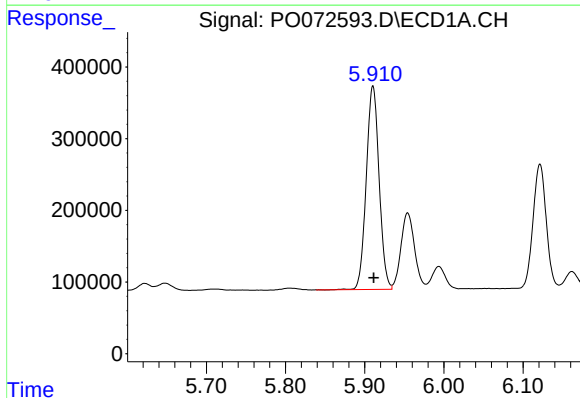
R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



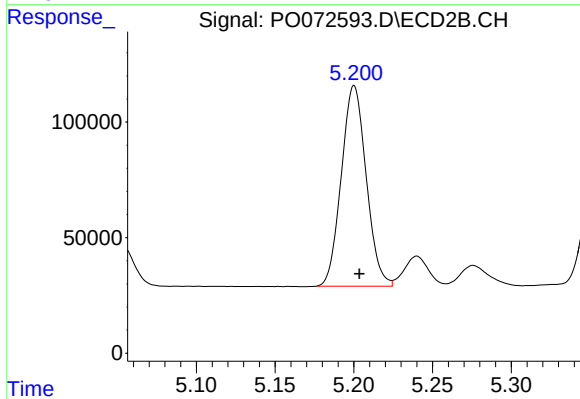
#14 AR-1232-4

R.T.: 5.021 min  
Delta R.T.: -0.004 min  
Response: 619994  
Conc: 1408.15 ng/ml



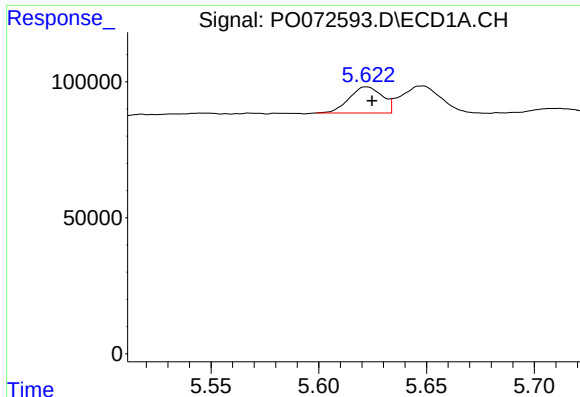
#15 AR-1232-5

R.T.: 5.910 min  
Delta R.T.: -0.001 min  
Response: 3204909  
Conc: 5344.80 ng/ml



#15 AR-1232-5

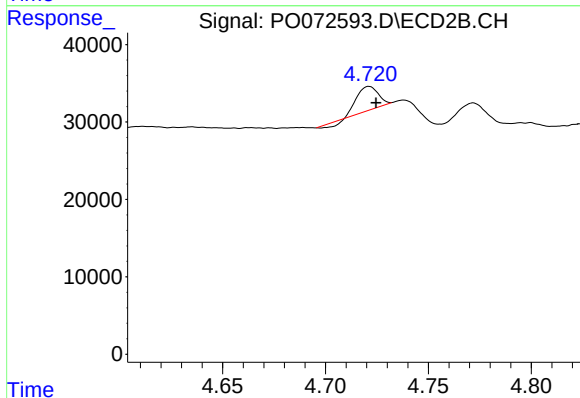
R.T.: 5.200 min  
Delta R.T.: -0.003 min  
Response: 954199  
Conc: 1867.72 ng/ml



#16 AR-1242-1

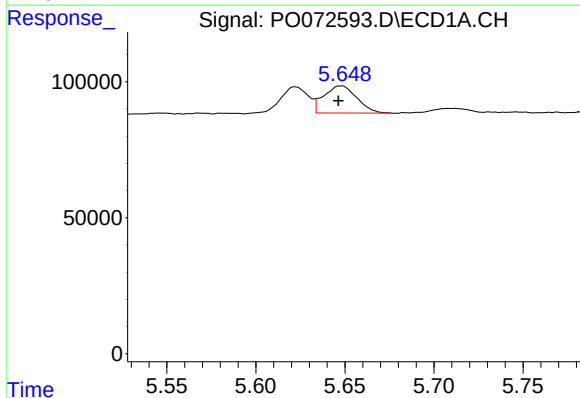
R.T.: 5.622 min  
Delta R.T.: -0.003 min  
Response: 103049  
Conc: 42.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



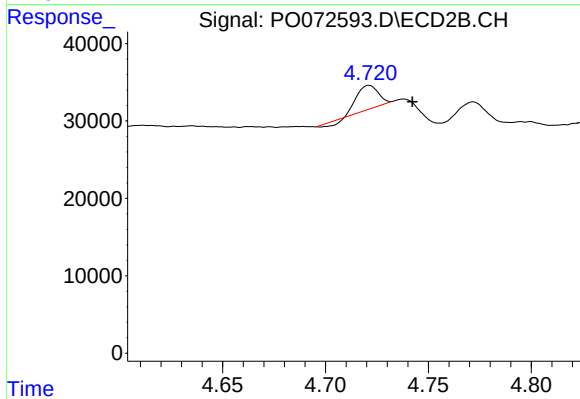
#16 AR-1242-1

R.T.: 4.721 min  
Delta R.T.: -0.003 min  
Response: 19697  
Conc: 15.24 ng/ml



#17 AR-1242-2

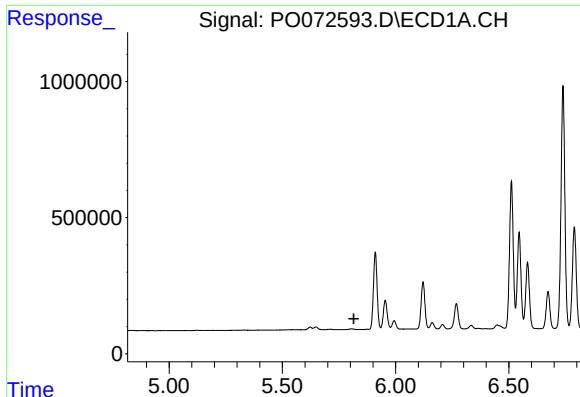
R.T.: 5.648 min  
Delta R.T.: 0.001 min  
Response: 128058  
Conc: 36.38 ng/ml



#17 AR-1242-2

R.T.: 4.721 min  
Delta R.T.: -0.021 min  
Response: 19697  
Conc: 10.76 ng/ml

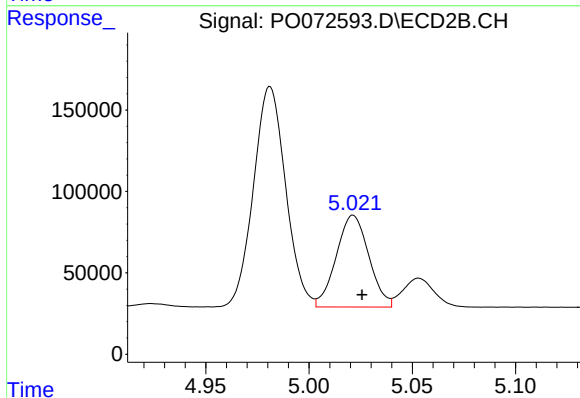




#19 AR-1242-4

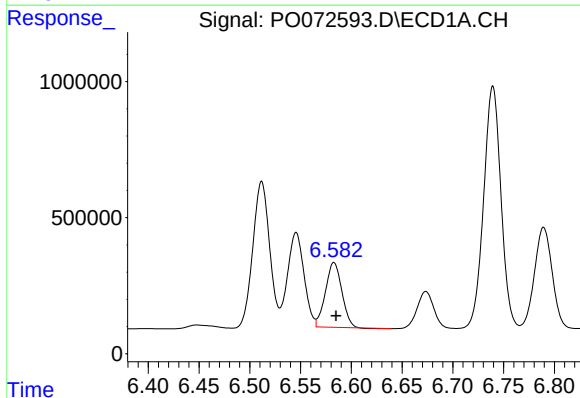
R.T.: 0.000 min  
Exp R.T.: 5.816 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



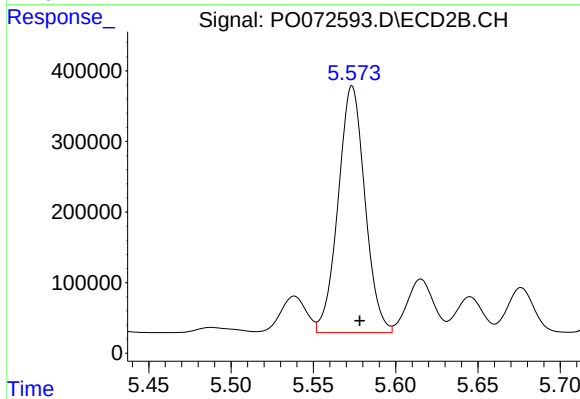
#19 AR-1242-4

R.T.: 5.021 min  
Delta R.T.: -0.004 min  
Response: 619994  
Conc: 699.94 ng/ml



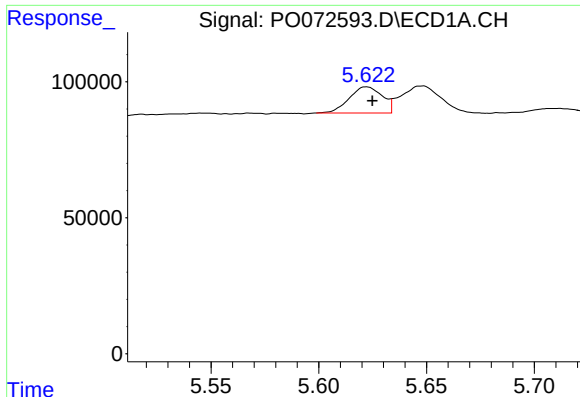
#20 AR-1242-5

R.T.: 6.583 min  
Delta R.T.: -0.002 min  
Response: 2672086  
Conc: 1146.23 ng/ml



#20 AR-1242-5

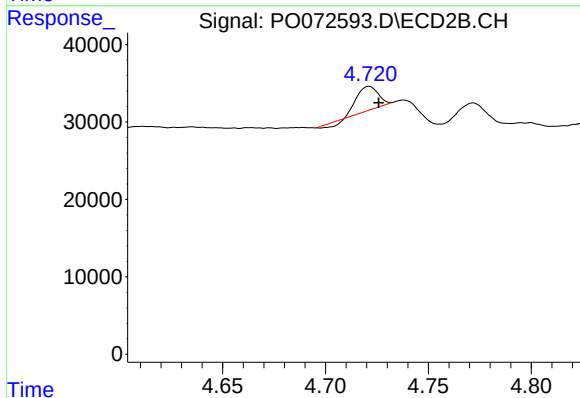
R.T.: 5.574 min  
Delta R.T.: -0.005 min  
Response: 3962939  
Conc: 2886.50 ng/ml



#21 AR-1248-1

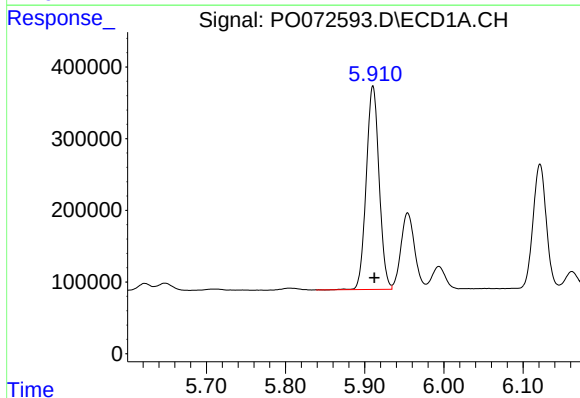
R.T.: 5.622 min  
Delta R.T.: -0.003 min  
Response: 103049  
Conc: 55.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



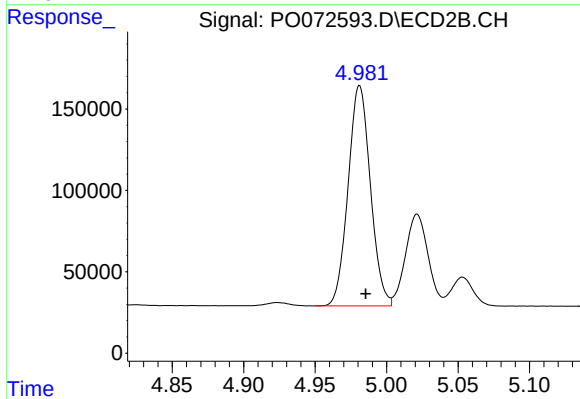
#21 AR-1248-1

R.T.: 4.721 min  
Delta R.T.: -0.005 min  
Response: 19697  
Conc: 19.37 ng/ml



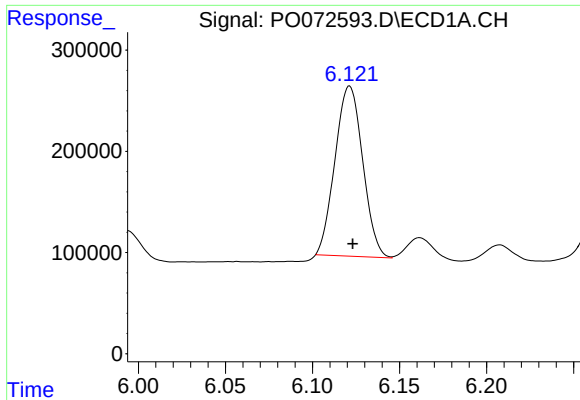
#22 AR-1248-2

R.T.: 5.910 min  
Delta R.T.: -0.002 min  
Response: 3204909  
Conc: 1280.95 ng/ml



#22 AR-1248-2

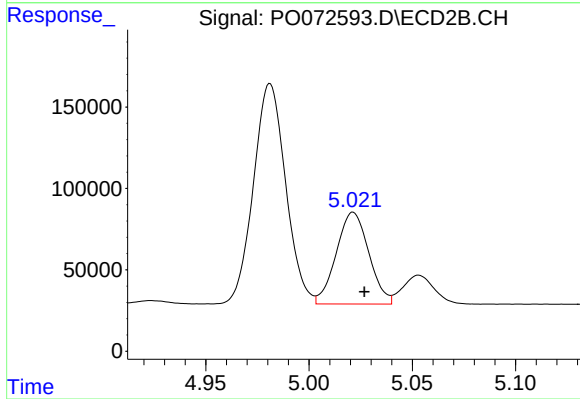
R.T.: 4.981 min  
Delta R.T.: -0.004 min  
Response: 1469407  
Conc: 1030.53 ng/ml



#23 AR-1248-3

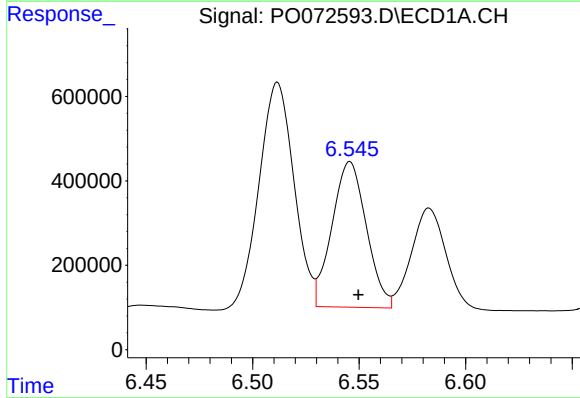
R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 1860727  
Conc: 642.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



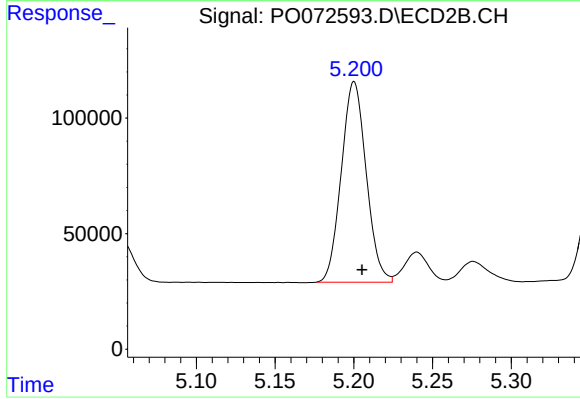
#23 AR-1248-3

R.T.: 5.021 min  
Delta R.T.: -0.005 min  
Response: 619994  
Conc: 461.65 ng/ml



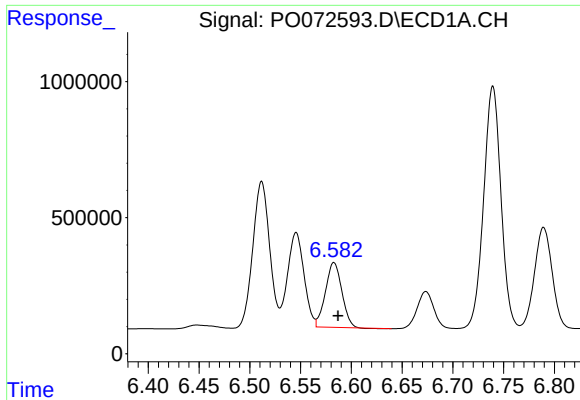
#24 AR-1248-4

R.T.: 6.546 min  
Delta R.T.: -0.004 min  
Response: 3877744  
Conc: 876.88 ng/ml



#24 AR-1248-4

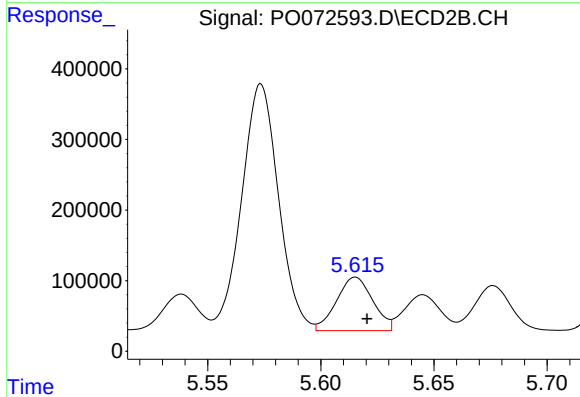
R.T.: 5.200 min  
Delta R.T.: -0.005 min  
Response: 954199  
Conc: 568.21 ng/ml



#25 AR-1248-5

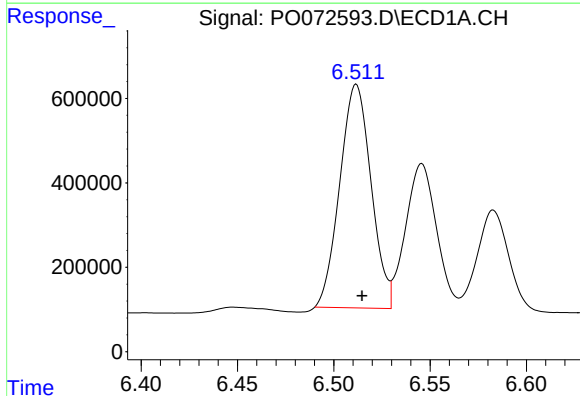
R.T.: 6.583 min  
Delta R.T.: -0.004 min  
Response: 2672086  
Conc: 679.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



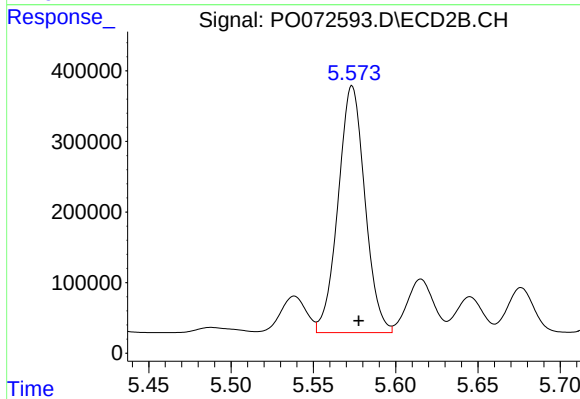
#25 AR-1248-5

R.T.: 5.615 min  
Delta R.T.: -0.005 min  
Response: 846323  
Conc: 458.21 ng/ml



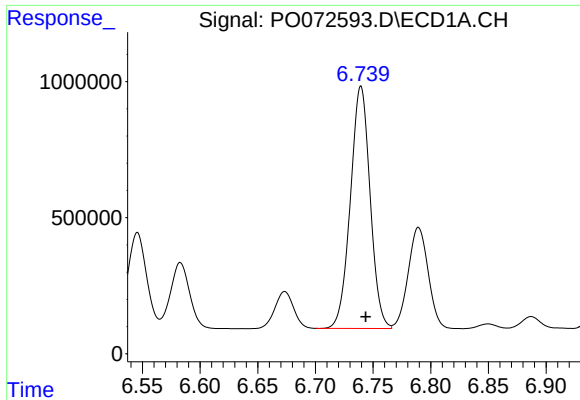
#26 AR-1254-1

R.T.: 6.512 min  
Delta R.T.: -0.003 min  
Response: 5979925  
Conc: 1415.56 ng/ml



#26 AR-1254-1

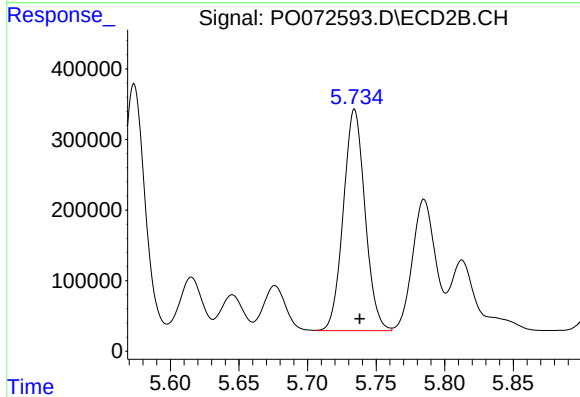
R.T.: 5.574 min  
Delta R.T.: -0.004 min  
Response: 3962939  
Conc: 1433.67 ng/ml



#27 AR-1254-2

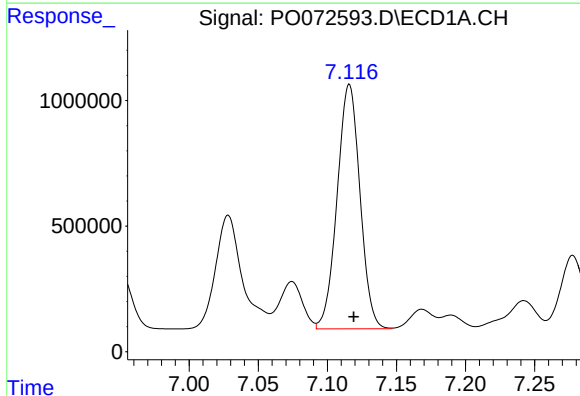
R.T.: 6.739 min  
Delta R.T.: -0.004 min  
Response: 10578400  
Conc: 1632.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



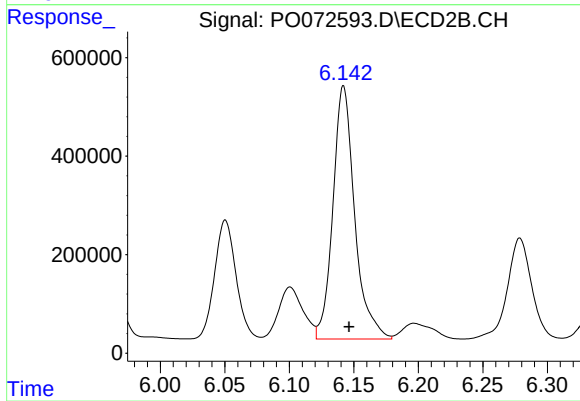
#27 AR-1254-2

R.T.: 5.734 min  
Delta R.T.: -0.004 min  
Response: 3459899  
Conc: 1423.08 ng/ml



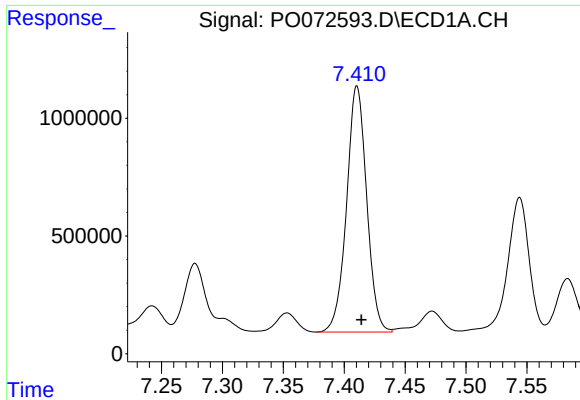
#28 AR-1254-3

R.T.: 7.116 min  
Delta R.T.: -0.003 min  
Response: 11201502  
Conc: 1648.06 ng/ml



#28 AR-1254-3

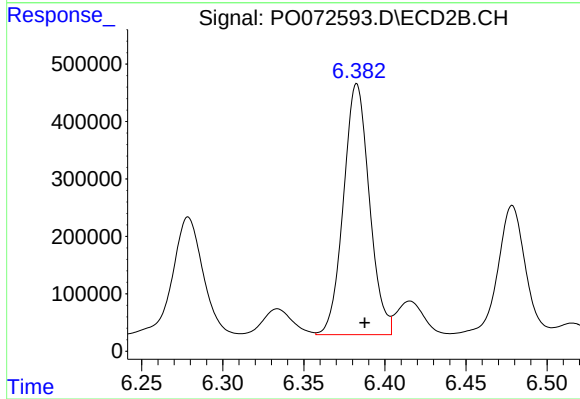
R.T.: 6.142 min  
Delta R.T.: -0.004 min  
Response: 6030935  
Conc: 1567.26 ng/ml



#29 AR-1254-4

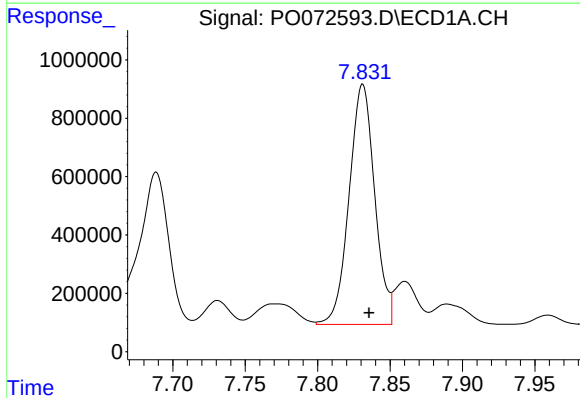
R.T.: 7.410 min  
Delta R.T.: -0.004 min  
Response: 12014763  
Conc: 1812.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



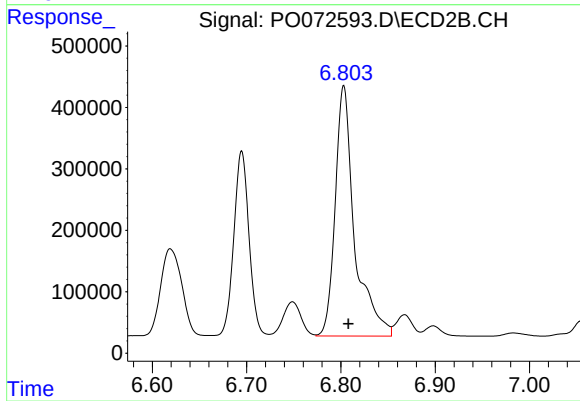
#29 AR-1254-4

R.T.: 6.383 min  
Delta R.T.: -0.005 min  
Response: 4857687  
Conc: 1809.02 ng/ml



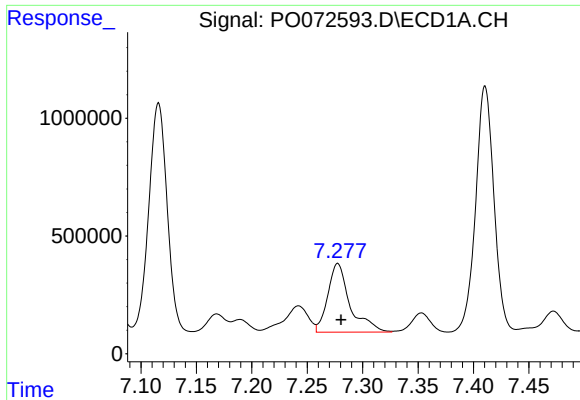
#30 AR-1254-5

R.T.: 7.831 min  
Delta R.T.: -0.004 min  
Response: 10124573  
Conc: 1580.56 ng/ml



#30 AR-1254-5

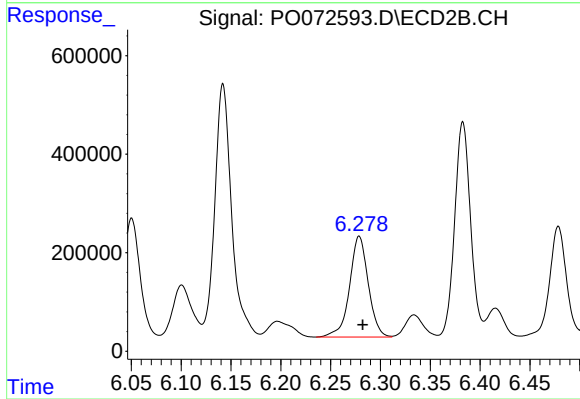
R.T.: 6.803 min  
Delta R.T.: -0.005 min  
Response: 5817973  
Conc: 1587.57 ng/ml



#31 AR-1260-1

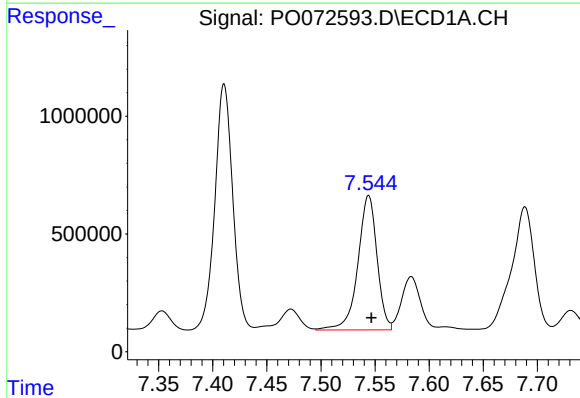
R.T.: 7.278 min  
Delta R.T.: -0.003 min  
Response: 4071654  
Conc: 835.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



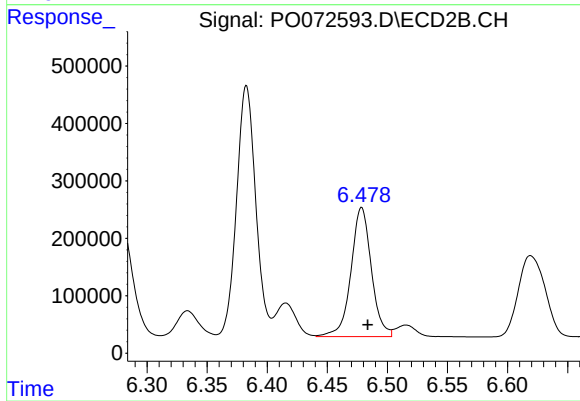
#31 AR-1260-1

R.T.: 6.279 min  
Delta R.T.: -0.004 min  
Response: 2673186  
Conc: 1044.94 ng/ml



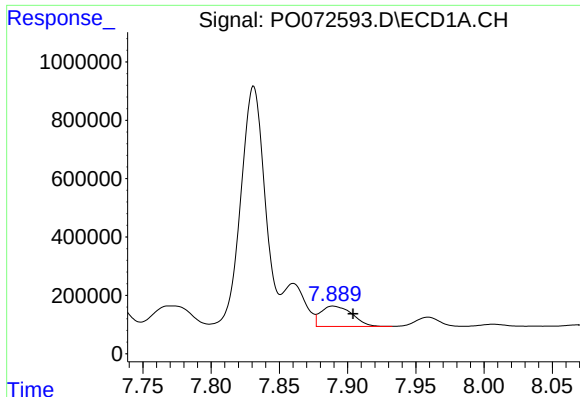
#32 AR-1260-2

R.T.: 7.544 min  
Delta R.T.: -0.003 min  
Response: 7022537  
Conc: 915.26 ng/ml



#32 AR-1260-2

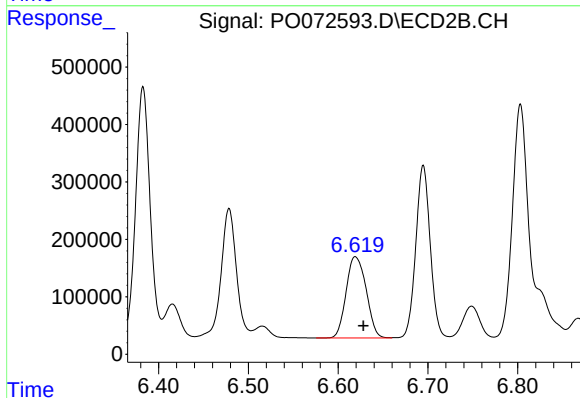
R.T.: 6.479 min  
Delta R.T.: -0.005 min  
Response: 2658910  
Conc: 824.59 ng/ml



#33 AR-1260-3

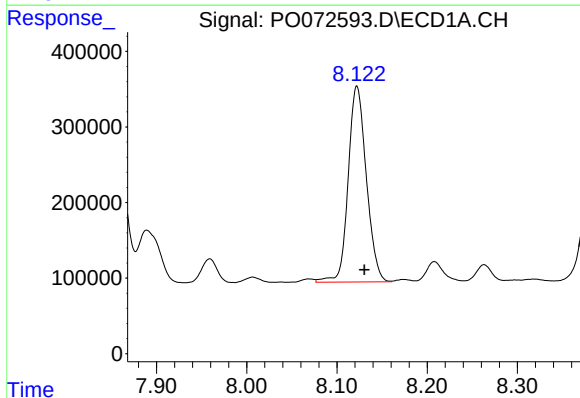
R.T.: 7.889 min  
Delta R.T.: -0.015 min  
Response: 1112041  
Conc: 173.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



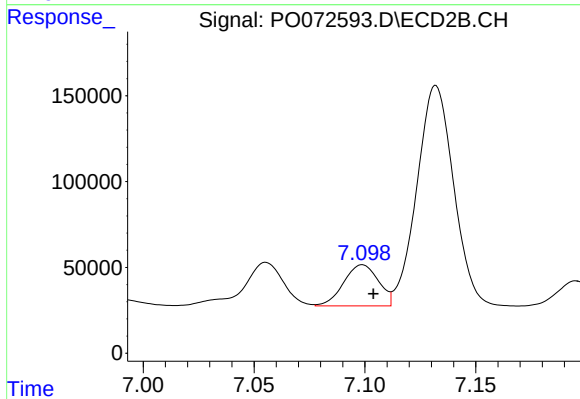
#33 AR-1260-3

R.T.: 6.619 min  
Delta R.T.: -0.009 min  
Response: 2194871  
Conc: 731.31 ng/ml



#34 AR-1260-4

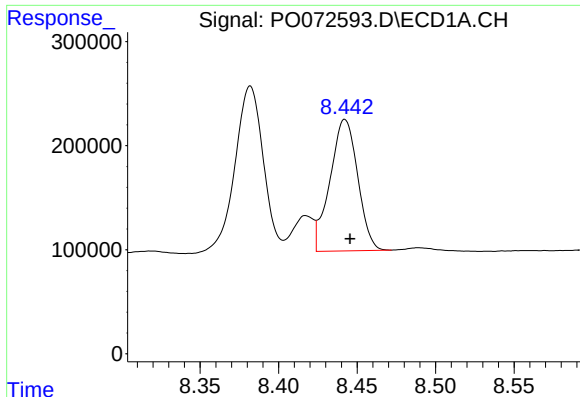
R.T.: 8.122 min  
Delta R.T.: -0.008 min  
Response: 3621341  
Conc: 595.02 ng/ml



#34 AR-1260-4

R.T.: 7.099 min  
Delta R.T.: -0.005 min  
Response: 261594  
Conc: 99.22 ng/ml

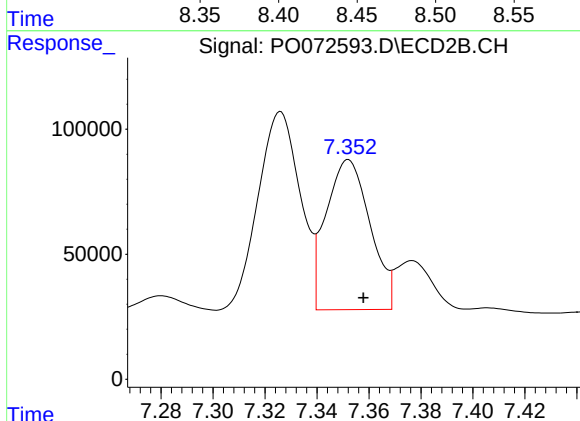




#35 AR-1260-5

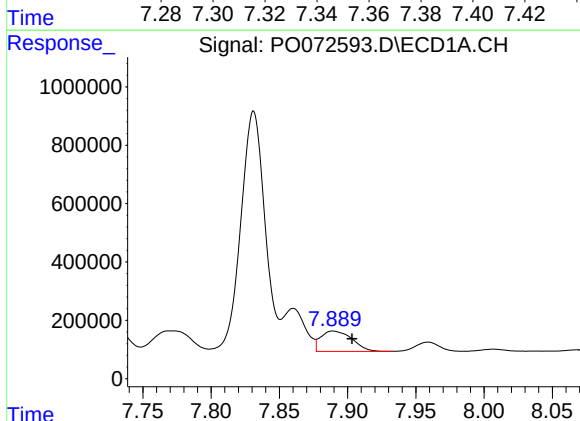
R.T.: 8.442 min  
Delta R.T.: -0.003 min  
Response: 1552656  
Conc: 106.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



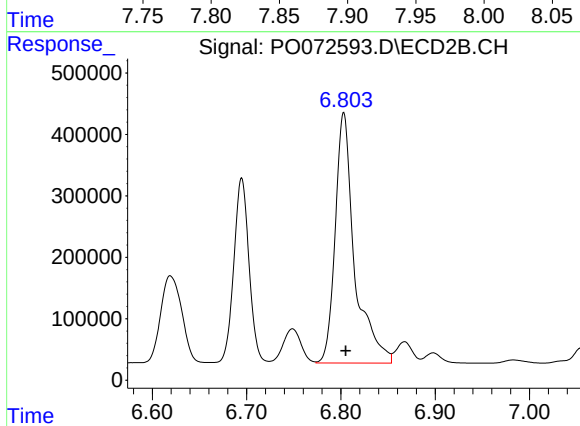
#35 AR-1260-5

R.T.: 7.352 min  
Delta R.T.: -0.006 min  
Response: 707015  
Conc: 108.22 ng/ml



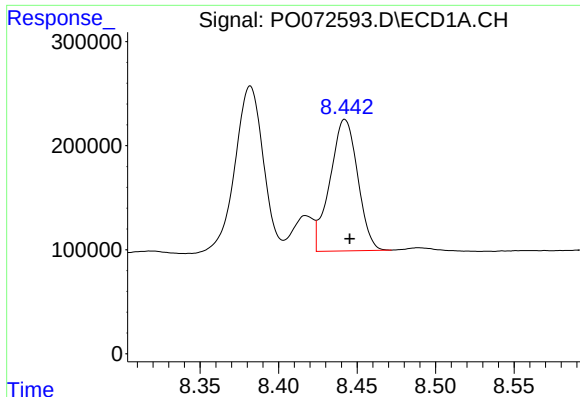
#36 AR-1262-1

R.T.: 7.889 min  
Delta R.T.: -0.014 min  
Response: 1112041  
Conc: 117.26 ng/ml



#36 AR-1262-1

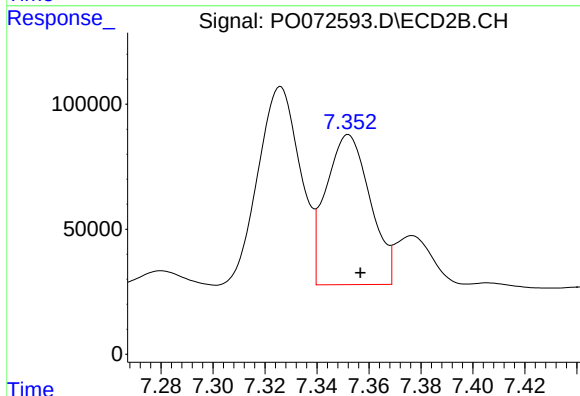
R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 5817973  
Conc: 3049.09 ng/ml



#37 AR-1262-2

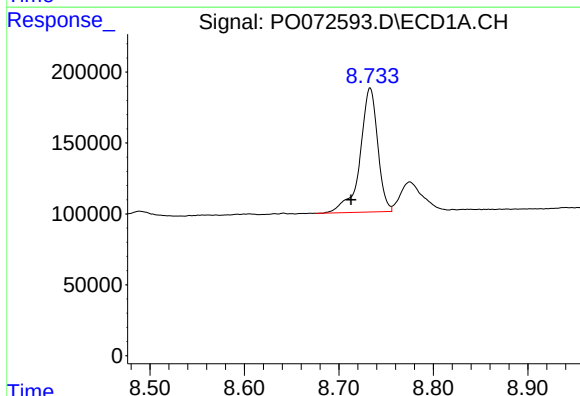
R.T.: 8.442 min  
Delta R.T.: -0.003 min  
Response: 1552656  
Conc: 97.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



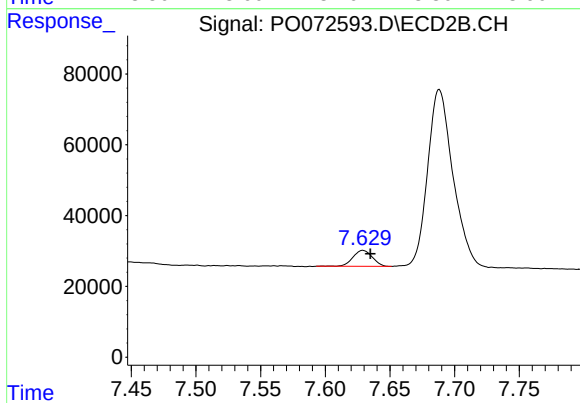
#37 AR-1262-2

R.T.: 7.352 min  
Delta R.T.: -0.005 min  
Response: 707015  
Conc: 105.86 ng/ml



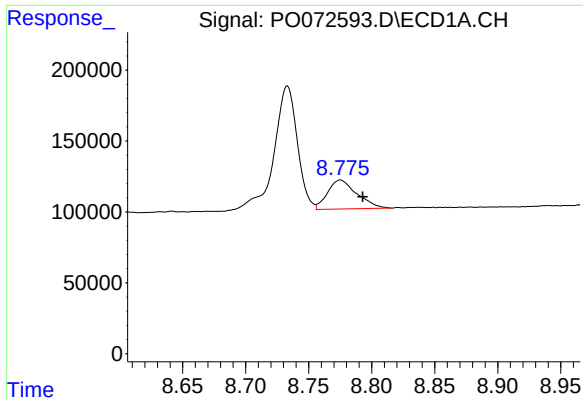
#38 AR-1262-3

R.T.: 8.733 min  
Delta R.T.: 0.020 min  
Response: 1133392  
Conc: 162.20 ng/ml



#38 AR-1262-3

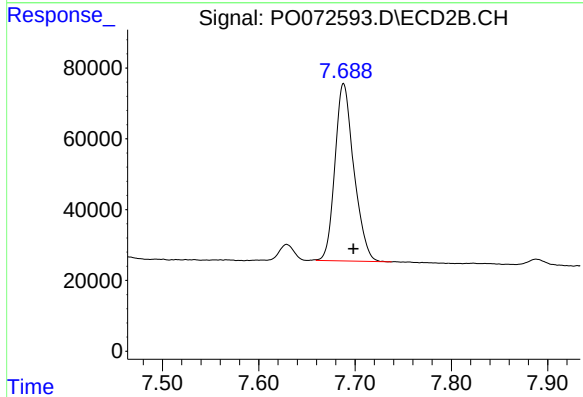
R.T.: 7.629 min  
Delta R.T.: -0.006 min  
Response: 47351  
Conc: 16.61 ng/ml



#39 AR-1262-4

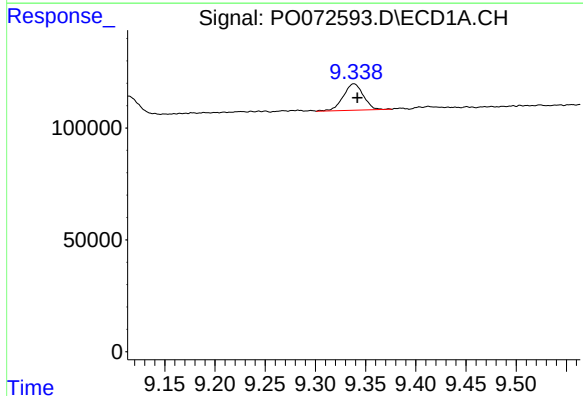
R.T.: 8.775 min  
Delta R.T.: -0.018 min  
Response: 331202  
Conc: 82.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



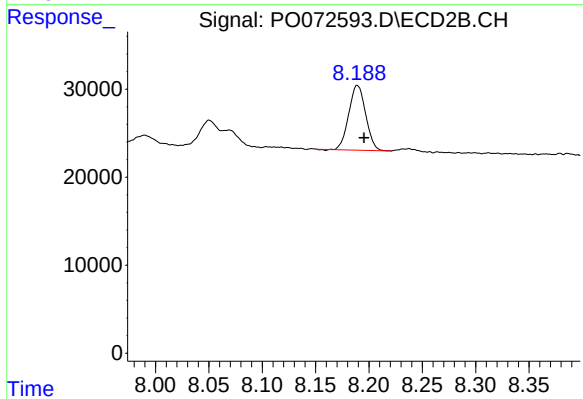
#39 AR-1262-4

R.T.: 7.688 min  
Delta R.T.: -0.010 min  
Response: 683480  
Conc: 132.62 ng/ml



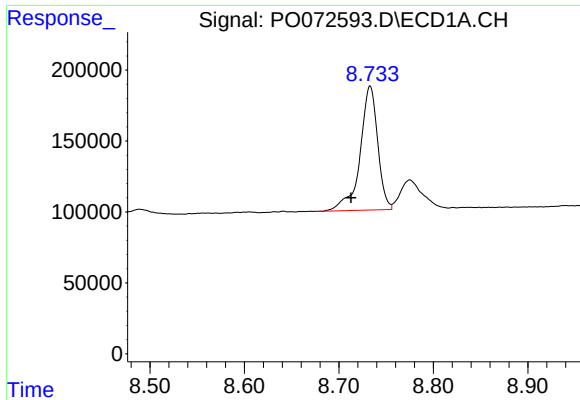
#40 AR-1262-5

R.T.: 9.338 min  
Delta R.T.: -0.003 min  
Response: 164442  
Conc: 30.91 ng/ml



#40 AR-1262-5

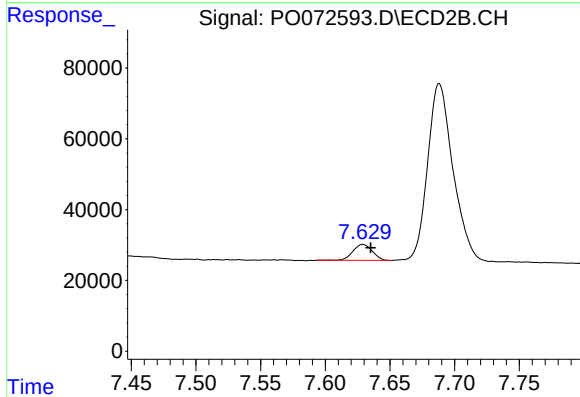
R.T.: 8.189 min  
Delta R.T.: -0.006 min  
Response: 81246  
Conc: 32.17 ng/ml



#41 AR-1268-1

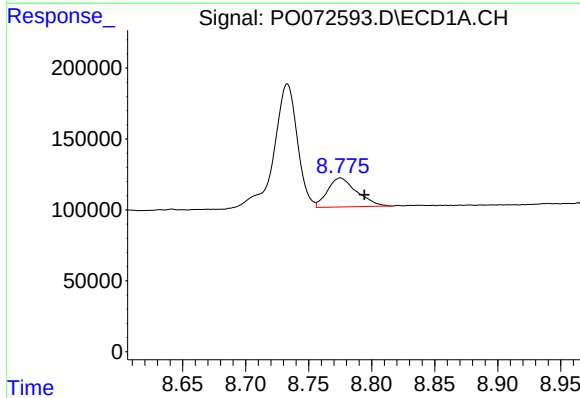
R.T.: 8.733 min  
Delta R.T.: 0.020 min  
Response: 1133392  
Conc: 58.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



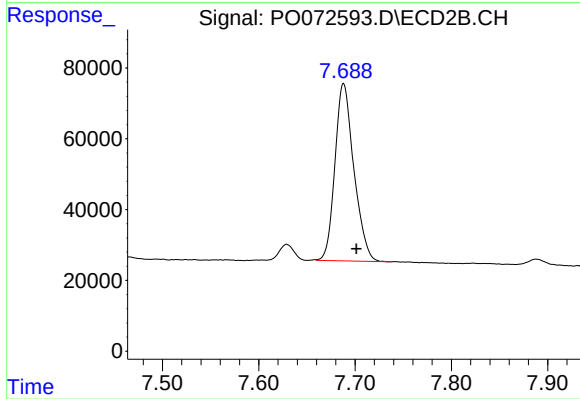
#41 AR-1268-1

R.T.: 7.629 min  
Delta R.T.: -0.006 min  
Response: 47351  
Conc: 5.97 ng/ml



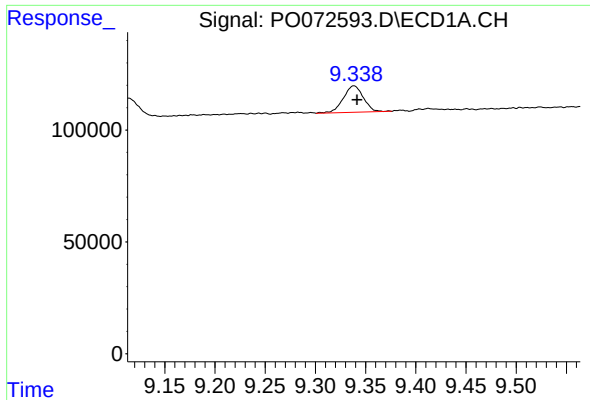
#42 AR-1268-2

R.T.: 8.775 min  
Delta R.T.: -0.019 min  
Response: 331202  
Conc: 20.06 ng/ml



#42 AR-1268-2

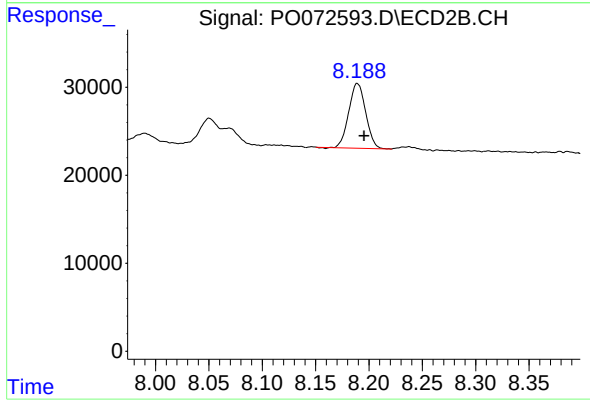
R.T.: 7.688 min  
Delta R.T.: -0.013 min  
Response: 683480  
Conc: 93.94 ng/ml



#44 AR-1268-4

R.T.: 9.338 min  
Delta R.T.: -0.003 min  
Response: 164442  
Conc: 27.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#44 AR-1268-4

R.T.: 8.189 min  
Delta R.T.: -0.006 min  
Response: 81246  
Conc: 28.74 ng/ml