

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102020\  
 Data File : PO072533.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Oct 2020 13:15  
 Operator : DD\AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 20 14:39:42 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 | 3.502 | 4229347 | 1959476 | 49.863   | 46.519   |
| 2)                          | SA Decachlor... | 9.920 | 8.667 | 4923847 | 2191475 | 44.639   | 42.392   |
| Target Compounds            |                 |       |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 5.622 | 4.721 | 1341165 | 618996  | 406.907  | 359.936  |
| 4)                          | L1 AR-1016-2    | 5.643 | 4.738 | 1922720 | 883401  | 411.414  | 359.642  |
| 5)                          | L1 AR-1016-3    | 5.706 | 4.923 | 1149836 | 473761  | 431.437  | 386.438  |
| 6)                          | L1 AR-1016-4    | 5.813 | 4.980 | 981545  | 396507  | 413.504  | 376.576  |
| 7)                          | L1 AR-1016-5    | 6.120 | 5.200 | 874570  | 499949  | 430.696  | 379.660  |
| 8)                          | L2 AR-1221-1    | 4.571 | 3.750 | 120979  | 63744   | 144.606  | 128.378  |
| 9)                          | L2 AR-1221-2    | 4.669 | 3.846 | 189206  | 94964   | 298.866  | 248.057  |
| 10)                         | L2 AR-1221-3    | 4.757 | 3.931 | 661439  | 337347  | 319.721  | 297.268  |
| 11)                         | L3 AR-1232-1    | 4.757 | 3.931 | 661439  | 337347  | 376.826  | 348.356  |
| 12)                         | L3 AR-1232-2    | 5.329 | 4.738 | 903043  | 883401  | 948.353  | 851.586  |
| 13)                         | L3 AR-1232-3    | 5.643 | 4.923 | 1922720 | 473761  | 981.274  | 916.655  |
| 14)                         | L3 AR-1232-4    | 5.813 | 5.021 | 981545  | 440883  | 1013.428 | 1001.351 |
| 15)                         | L3 AR-1232-5    | 5.910 | 5.200 | 727329  | 499949  | 1212.961 | 978.588  |
| 16)                         | L4 AR-1242-1    | 5.622 | 4.721 | 1341165 | 618996  | 550.701  | 478.903  |
| 17)                         | L4 AR-1242-2    | 5.643 | 4.738 | 1922720 | 883401  | 546.240  | 482.408  |
| 18)                         | L4 AR-1242-3    | 5.706 | 4.923 | 1149836 | 473761  | 555.813  | 503.247  |
| 19)                         | L4 AR-1242-4    | 5.813 | 5.021 | 981545  | 440883  | 566.136  | 497.734  |
| 20)                         | L4 AR-1242-5    | 6.582 | 5.574 | 1152731 | 620731  | 494.481  | 452.124  |
| 21)                         | L5 AR-1248-1    | 5.622 | 4.721 | 1341165 | 618996  | 717.408  | 608.574  |
| 22)                         | L5 AR-1248-2    | 5.910 | 4.980 | 727329  | 396507  | 290.703  | 278.081  |
| 23)                         | L5 AR-1248-3    | 6.120 | 5.021 | 874570  | 440883  | 301.868  | 328.284  |
| 24)                         | L5 AR-1248-4    | 6.546 | 5.200 | 1131230 | 499949  | 255.808  | 297.713  |
| 25)                         | L5 AR-1248-5    | 6.582 | 5.614 | 1152731 | 535868  | 293.228  | 290.125  |
| 26)                         | L6 AR-1254-1    | 6.513 | 5.574 | 831120  | 620731  | 196.741  | 224.561  |
| 27)                         | L6 AR-1254-2    | 6.743 | 5.733 | 995623  | 151099  | 153.624  | 62.148 # |
| 28)                         | L6 AR-1254-3    | 7.114 | 6.142 | 385734  | 205478  | 56.752   | 53.398   |
| 29)                         | L6 AR-1254-4    | 7.411 | 6.381 | 436086  | 166829  | 65.792   | 62.128   |
| 30)                         | L6 AR-1254-5    | 7.831 | 6.802 | 101595  | 49211   | 15.860   | 13.428   |
| 31)                         | L7 AR-1260-1    | 0.000 | 6.281 | 0       | 130812  | N.D.     | 51.134 # |
| 32)                         | L7 AR-1260-2    | 7.541 | 0.000 | 123511  | 0       | 16.097   | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.123 | 0.000 | 35502   | 0       | 5.833    | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.440 | 0.000 | 32389   | 0       | 2.229    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.802 | 0       | 49211   | N.D.     | 25.791 # |
| 37)                         | L8 AR-1262-2    | 8.440 | 0.000 | 32389   | 0       | 2.026    | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.782 | 0.000 | 68422   | 0       | 17.121   | N.D. #   |
| 42)                         | L9 AR-1268-2    | 8.782 | 0.000 | 68422   | 0       | 4.144    | N.D. #   |
| -----                       |                 |       |       |         |         |          |          |

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

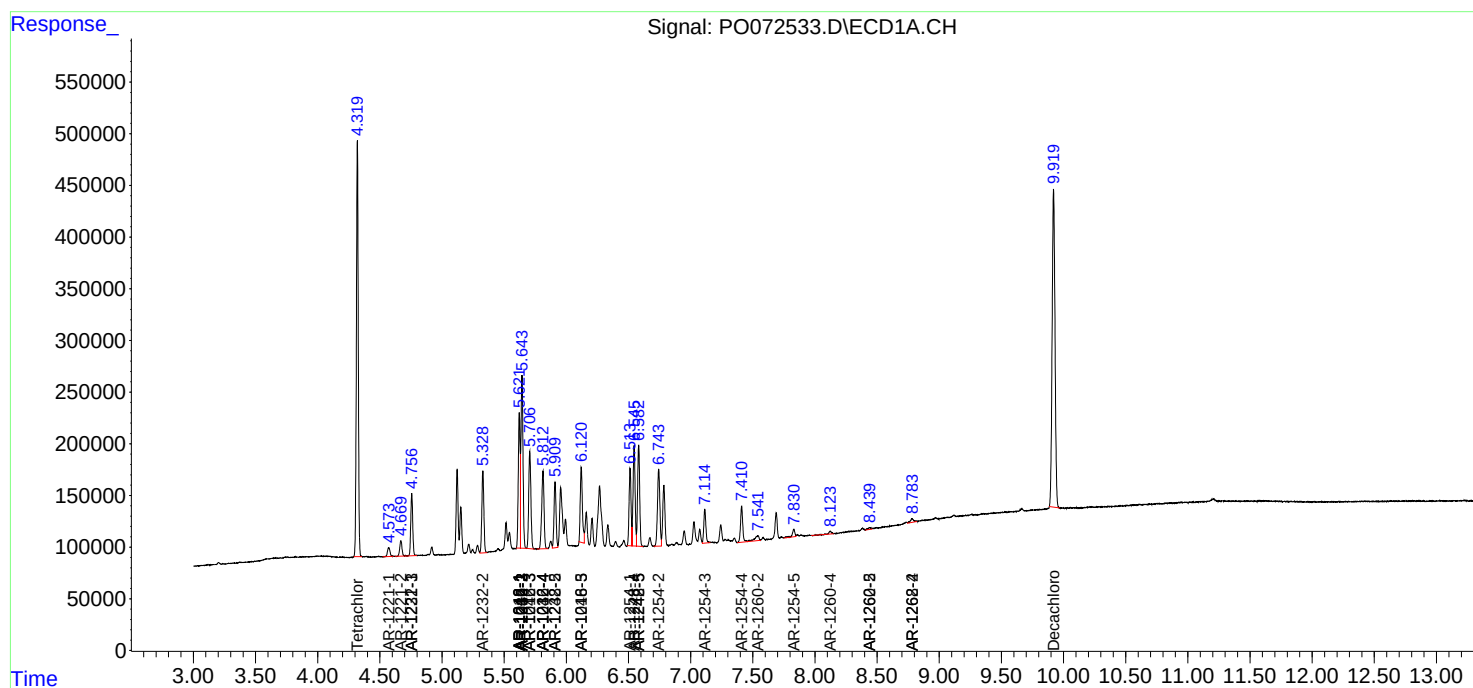
Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500

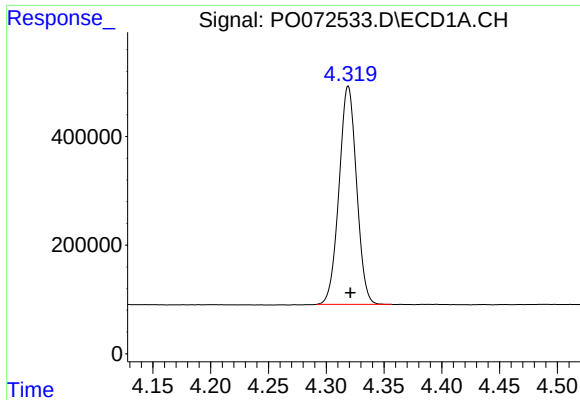
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102020\  
Data File : PO072533.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Oct 2020 13:15  
Operator : DD\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleID :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 20 14:39:42 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

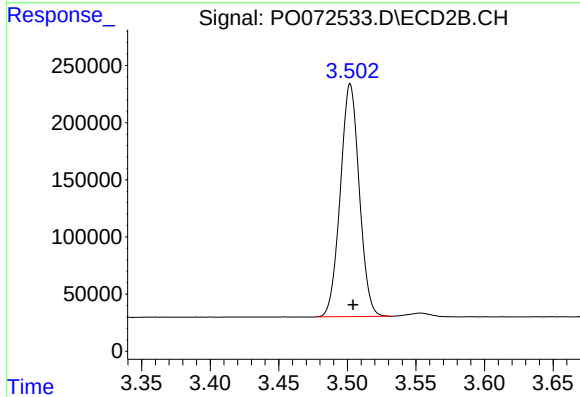




#1 Tetrachloro-m-xylene

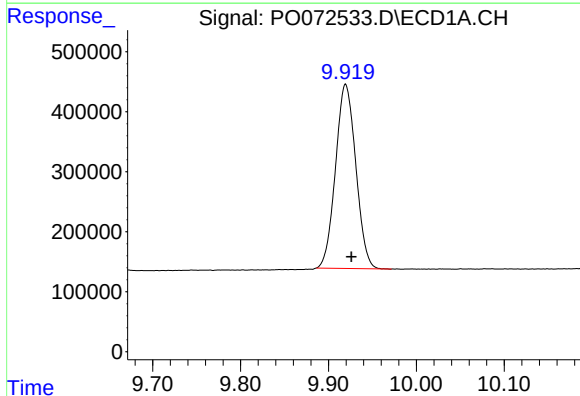
R.T.: 4.319 min  
Delta R.T.: -0.002 min  
Response: 4229347  
Conc: 49.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



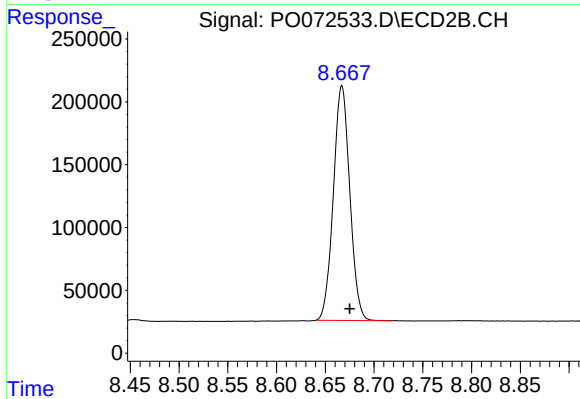
#1 Tetrachloro-m-xylene

R.T.: 3.502 min  
Delta R.T.: -0.002 min  
Response: 1959476  
Conc: 46.52 ng/ml



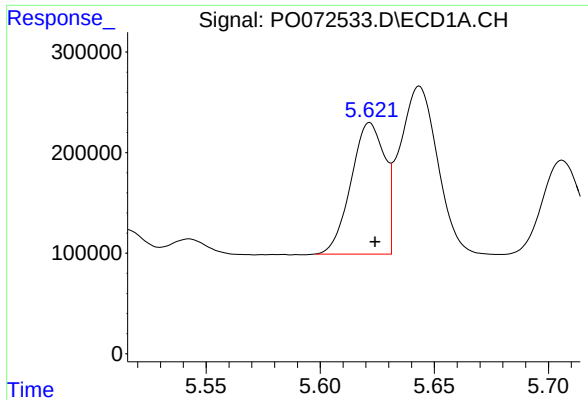
#2 Decachlorobiphenyl

R.T.: 9.920 min  
Delta R.T.: -0.006 min  
Response: 4923847  
Conc: 44.64 ng/ml



#2 Decachlorobiphenyl

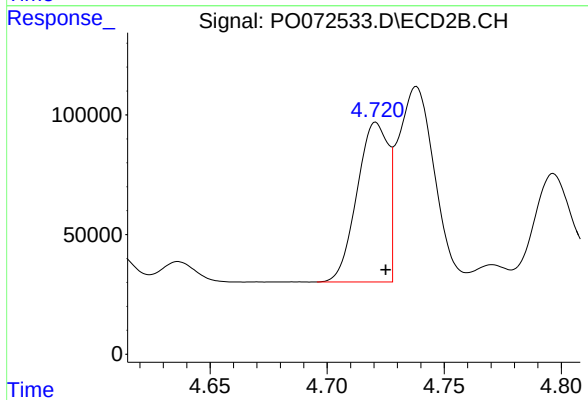
R.T.: 8.667 min  
Delta R.T.: -0.008 min  
Response: 2191475  
Conc: 42.39 ng/ml



#3 AR-1016-1

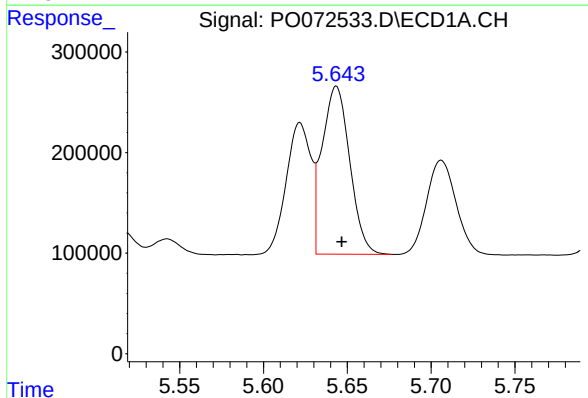
R.T.: 5.622 min  
Delta R.T.: -0.002 min  
Response: 1341165  
Conc: 406.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



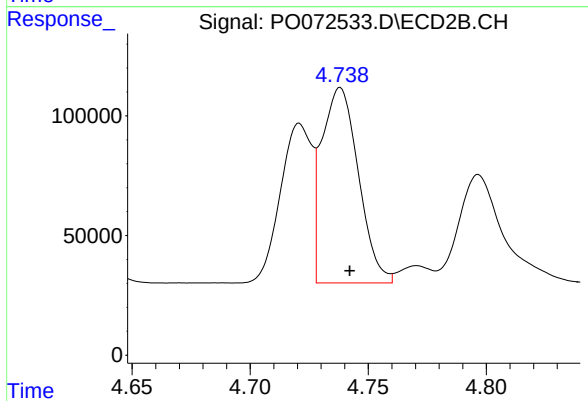
#3 AR-1016-1

R.T.: 4.721 min  
Delta R.T.: -0.004 min  
Response: 618996  
Conc: 359.94 ng/ml



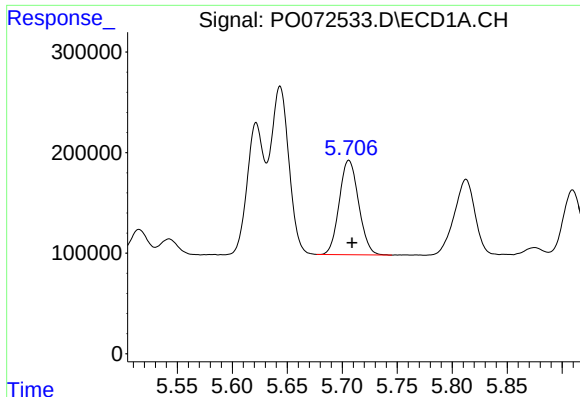
#4 AR-1016-2

R.T.: 5.643 min  
Delta R.T.: -0.003 min  
Response: 1922720  
Conc: 411.41 ng/ml



#4 AR-1016-2

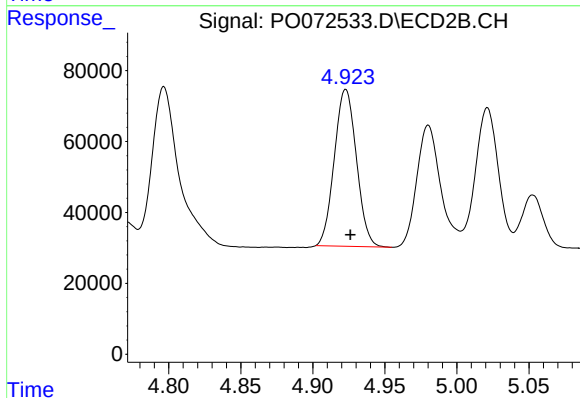
R.T.: 4.738 min  
Delta R.T.: -0.004 min  
Response: 883401  
Conc: 359.64 ng/ml



#5 AR-1016-3

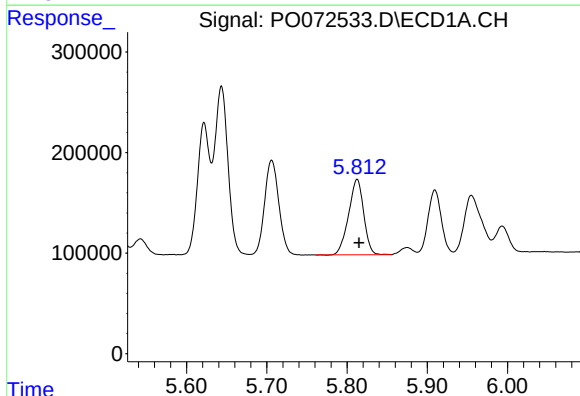
R.T.: 5.706 min  
Delta R.T.: -0.003 min  
Response: 1149836  
Conc: 431.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



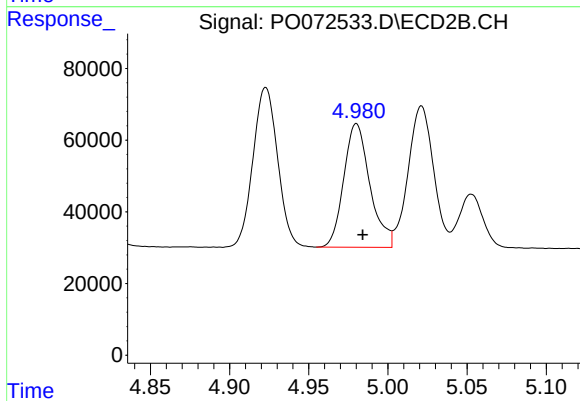
#5 AR-1016-3

R.T.: 4.923 min  
Delta R.T.: -0.003 min  
Response: 473761  
Conc: 386.44 ng/ml



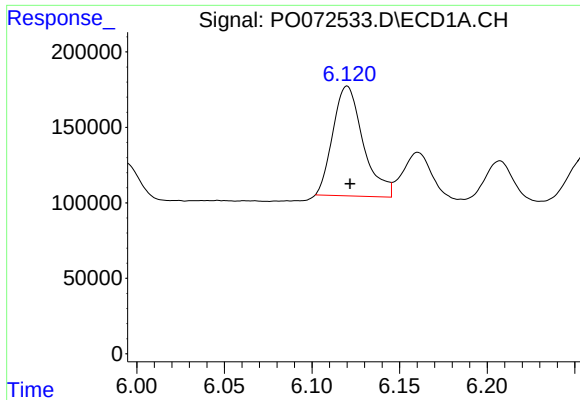
#6 AR-1016-4

R.T.: 5.813 min  
Delta R.T.: -0.003 min  
Response: 981545  
Conc: 413.50 ng/ml



#6 AR-1016-4

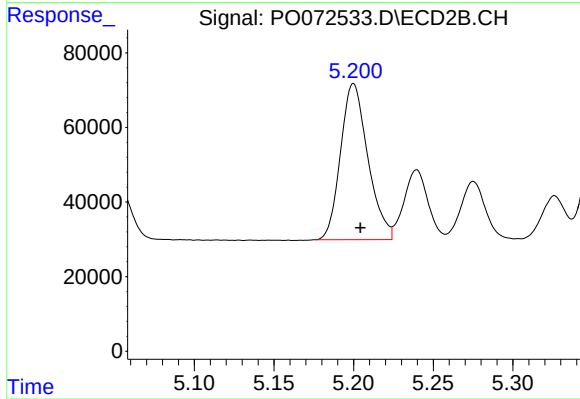
R.T.: 4.980 min  
Delta R.T.: -0.004 min  
Response: 396507  
Conc: 376.58 ng/ml



#7 AR-1016-5

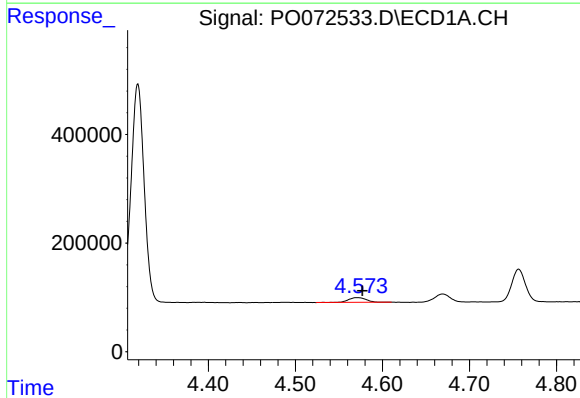
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 874570  
Conc: 430.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



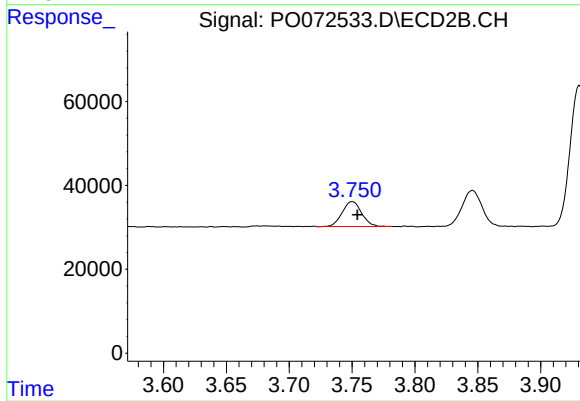
#7 AR-1016-5

R.T.: 5.200 min  
Delta R.T.: -0.004 min  
Response: 499949  
Conc: 379.66 ng/ml



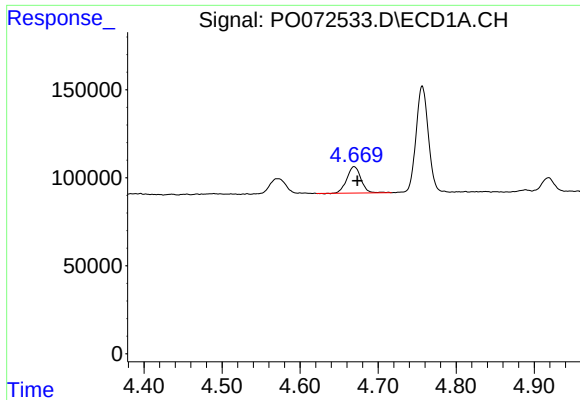
#8 AR-1221-1

R.T.: 4.571 min  
Delta R.T.: -0.006 min  
Response: 120979  
Conc: 144.61 ng/ml



#8 AR-1221-1

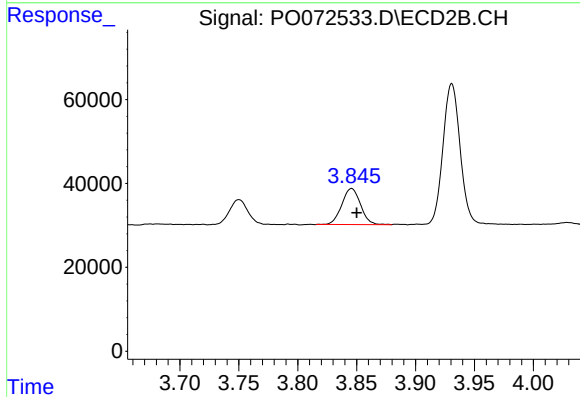
R.T.: 3.750 min  
Delta R.T.: -0.004 min  
Response: 63744  
Conc: 128.38 ng/ml



#9 AR-1221-2

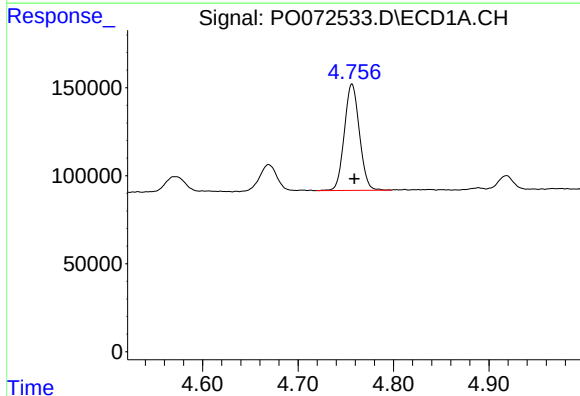
R.T.: 4.669 min  
Delta R.T.: -0.004 min  
Response: 189206  
Conc: 298.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



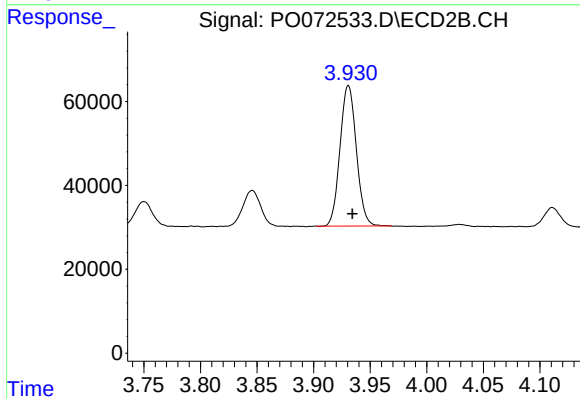
#9 AR-1221-2

R.T.: 3.846 min  
Delta R.T.: -0.004 min  
Response: 94964  
Conc: 248.06 ng/ml



#10 AR-1221-3

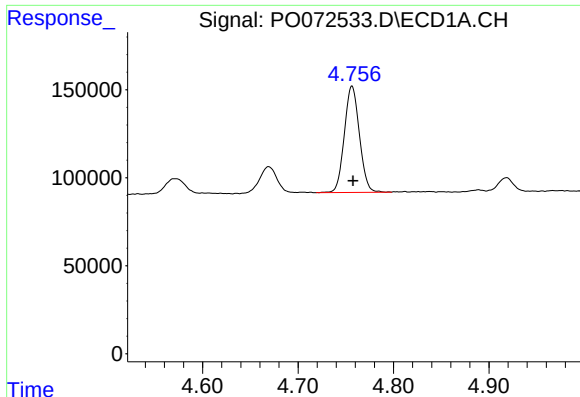
R.T.: 4.757 min  
Delta R.T.: -0.002 min  
Response: 661439  
Conc: 319.72 ng/ml



#10 AR-1221-3

R.T.: 3.931 min  
Delta R.T.: -0.003 min  
Response: 337347  
Conc: 297.27 ng/ml

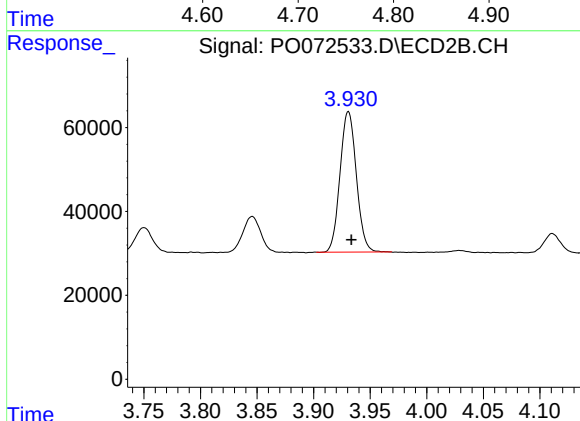




#11 AR-1232-1

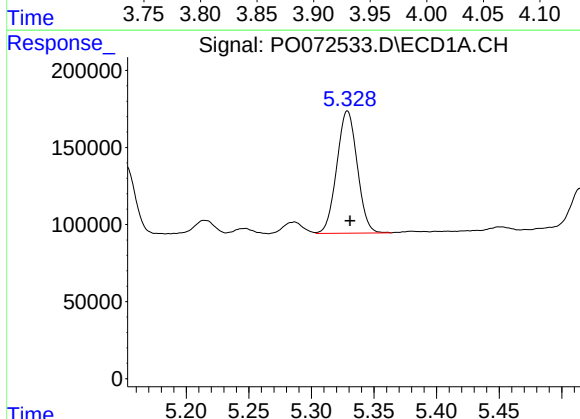
R.T.: 4.757 min  
Delta R.T.: -0.001 min  
Response: 661439  
Conc: 376.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



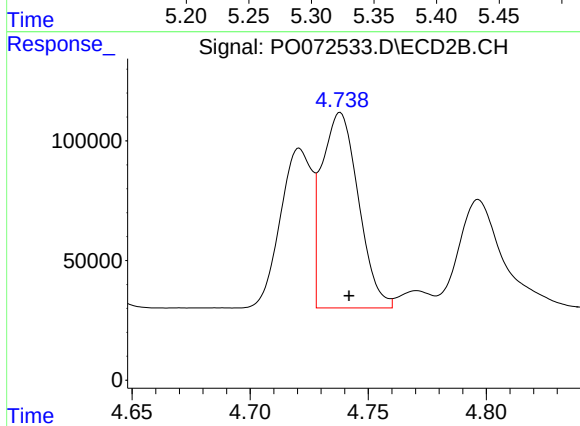
#11 AR-1232-1

R.T.: 3.931 min  
Delta R.T.: -0.003 min  
Response: 337347  
Conc: 348.36 ng/ml



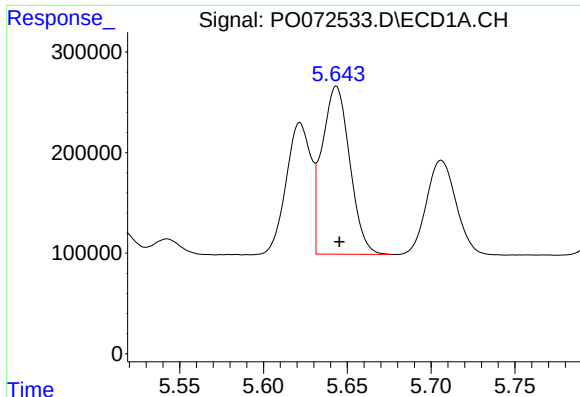
#12 AR-1232-2

R.T.: 5.329 min  
Delta R.T.: -0.002 min  
Response: 903043  
Conc: 948.35 ng/ml



#12 AR-1232-2

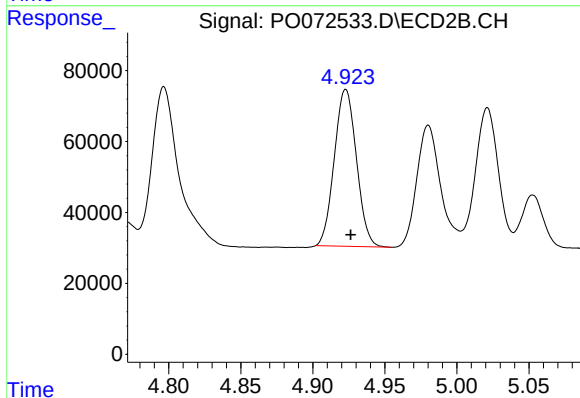
R.T.: 4.738 min  
Delta R.T.: -0.004 min  
Response: 883401  
Conc: 851.59 ng/ml



#13 AR-1232-3

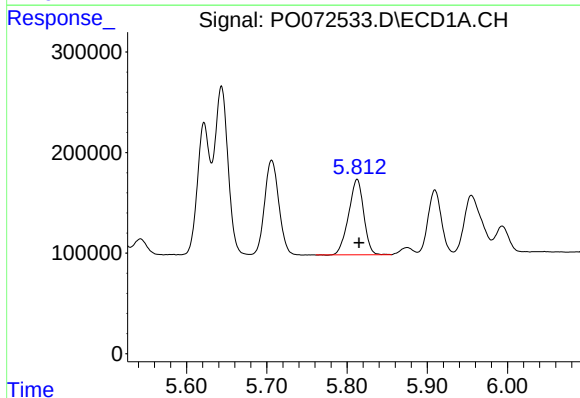
R.T.: 5.643 min  
Delta R.T.: -0.002 min  
Response: 1922720  
Conc: 981.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



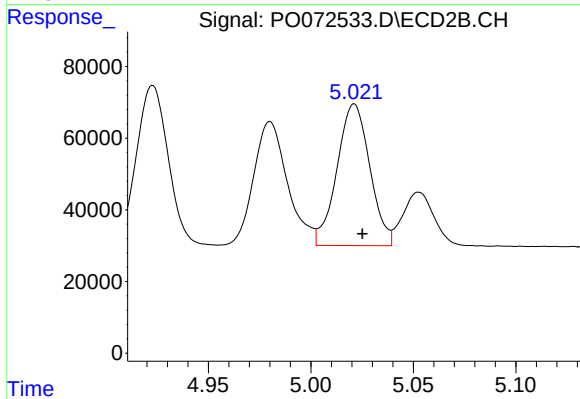
#13 AR-1232-3

R.T.: 4.923 min  
Delta R.T.: -0.003 min  
Response: 473761  
Conc: 916.66 ng/ml



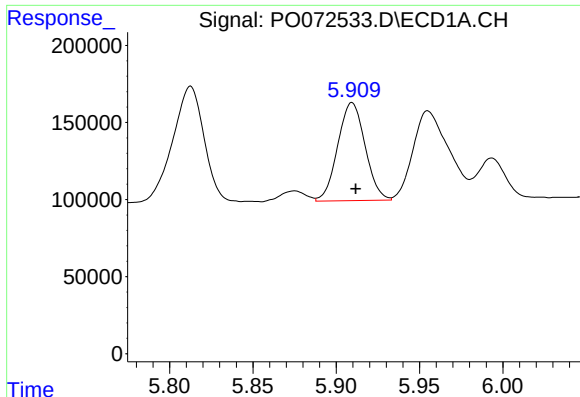
#14 AR-1232-4

R.T.: 5.813 min  
Delta R.T.: -0.002 min  
Response: 981545  
Conc: 1013.43 ng/ml



#14 AR-1232-4

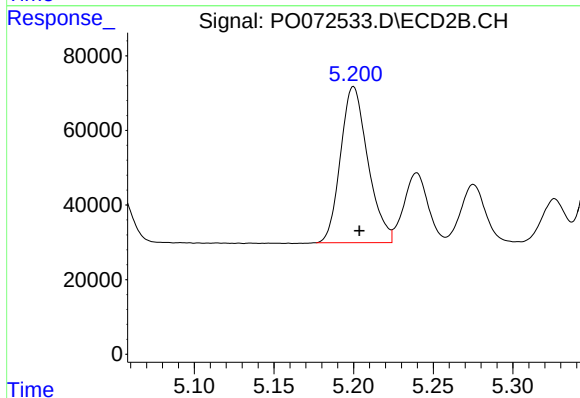
R.T.: 5.021 min  
Delta R.T.: -0.004 min  
Response: 440883  
Conc: 1001.35 ng/ml



#15 AR-1232-5

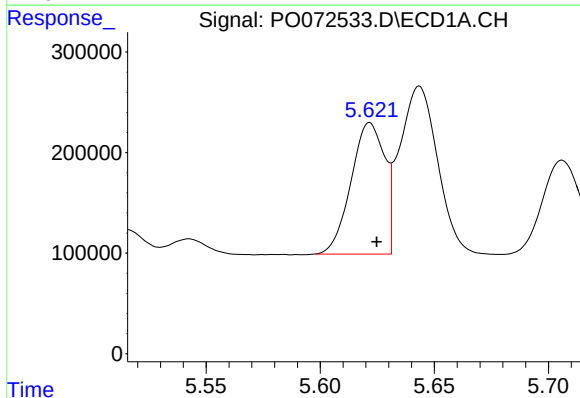
R.T.: 5.910 min  
Delta R.T.: -0.002 min  
Response: 727329  
Conc: 1212.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



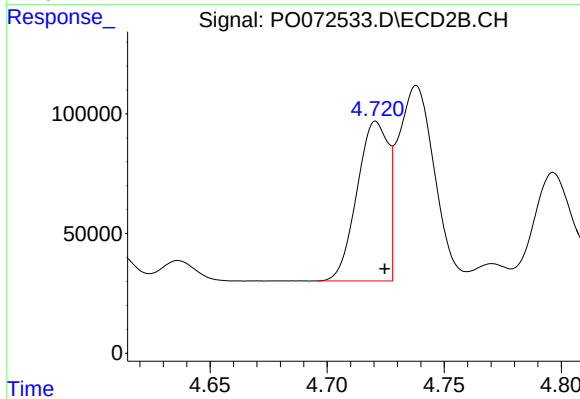
#15 AR-1232-5

R.T.: 5.200 min  
Delta R.T.: -0.004 min  
Response: 499949  
Conc: 978.59 ng/ml



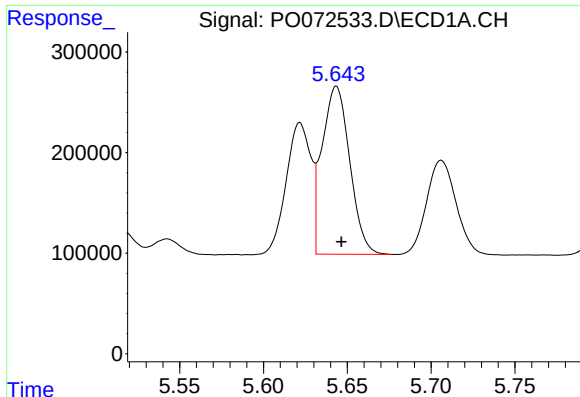
#16 AR-1242-1

R.T.: 5.622 min  
Delta R.T.: -0.003 min  
Response: 1341165  
Conc: 550.70 ng/ml



#16 AR-1242-1

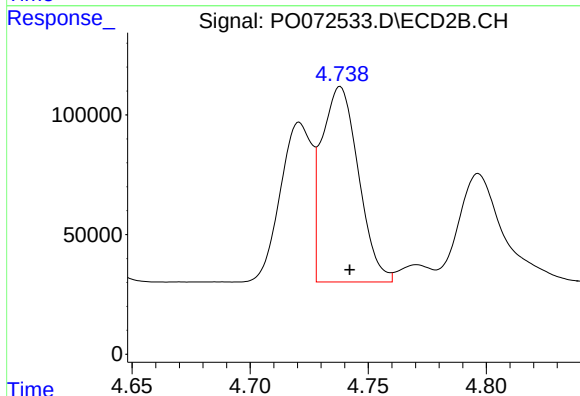
R.T.: 4.721 min  
Delta R.T.: -0.004 min  
Response: 618996  
Conc: 478.90 ng/ml



#17 AR-1242-2

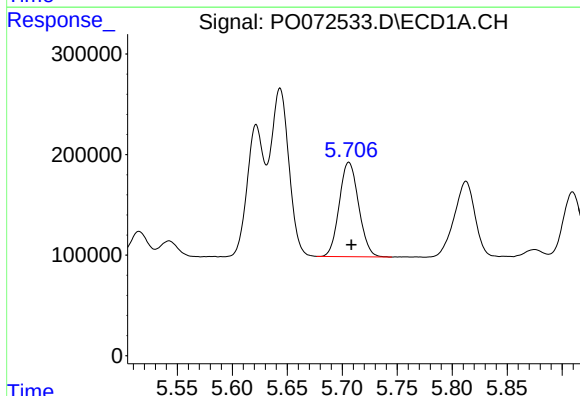
R.T.: 5.643 min  
Delta R.T.: -0.003 min  
Response: 1922720  
Conc: 546.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



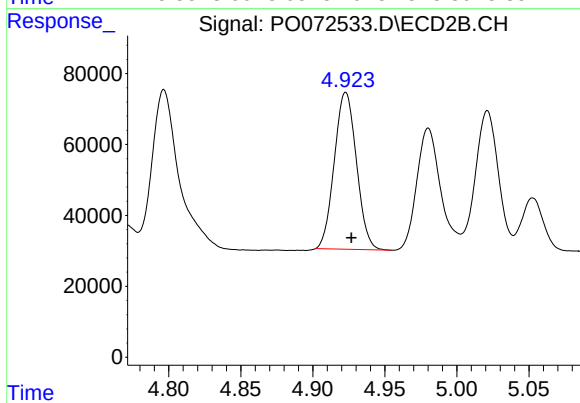
#17 AR-1242-2

R.T.: 4.738 min  
Delta R.T.: -0.004 min  
Response: 883401  
Conc: 482.41 ng/ml



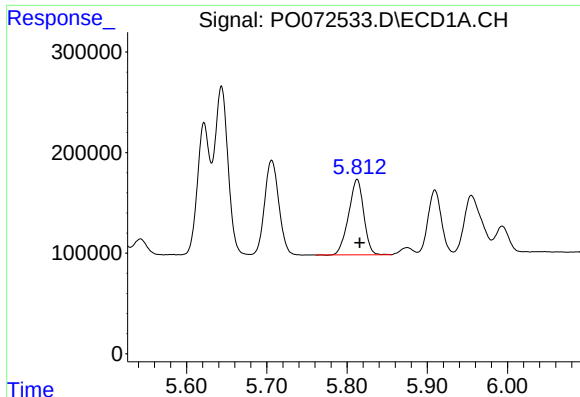
#18 AR-1242-3

R.T.: 5.706 min  
Delta R.T.: -0.002 min  
Response: 1149836  
Conc: 555.81 ng/ml



#18 AR-1242-3

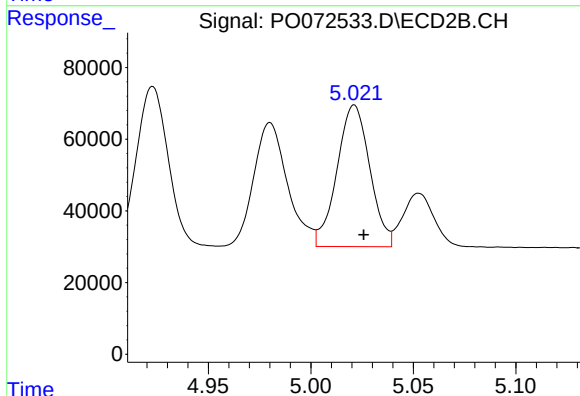
R.T.: 4.923 min  
Delta R.T.: -0.004 min  
Response: 473761  
Conc: 503.25 ng/ml



#19 AR-1242-4

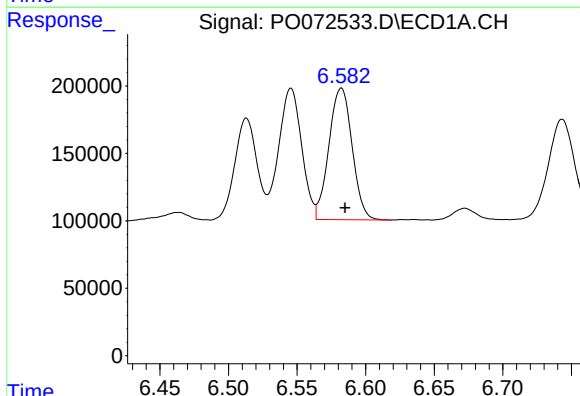
R.T.: 5.813 min  
Delta R.T.: -0.003 min  
Response: 981545  
Conc: 566.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



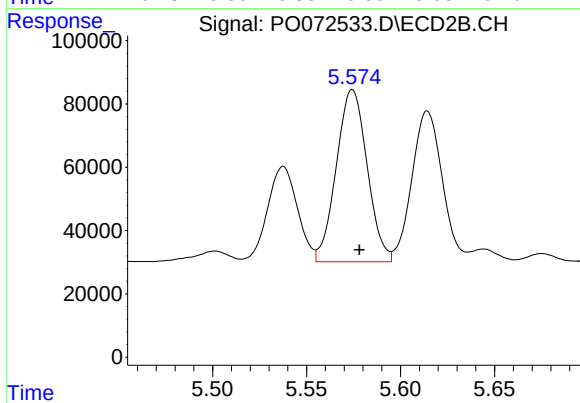
#19 AR-1242-4

R.T.: 5.021 min  
Delta R.T.: -0.005 min  
Response: 440883  
Conc: 497.73 ng/ml



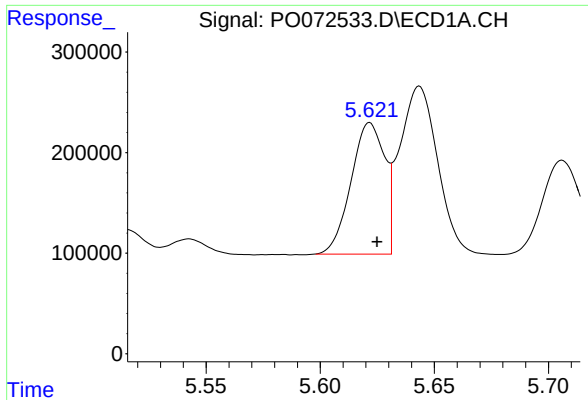
#20 AR-1242-5

R.T.: 6.582 min  
Delta R.T.: -0.003 min  
Response: 1152731  
Conc: 494.48 ng/ml



#20 AR-1242-5

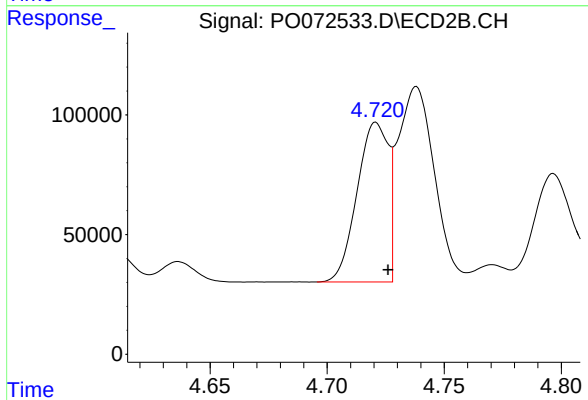
R.T.: 5.574 min  
Delta R.T.: -0.004 min  
Response: 620731  
Conc: 452.12 ng/ml



#21 AR-1248-1

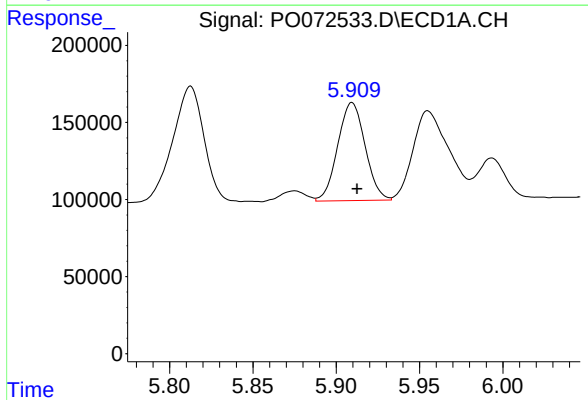
R.T.: 5.622 min  
Delta R.T.: -0.003 min  
Response: 1341165  
Conc: 717.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



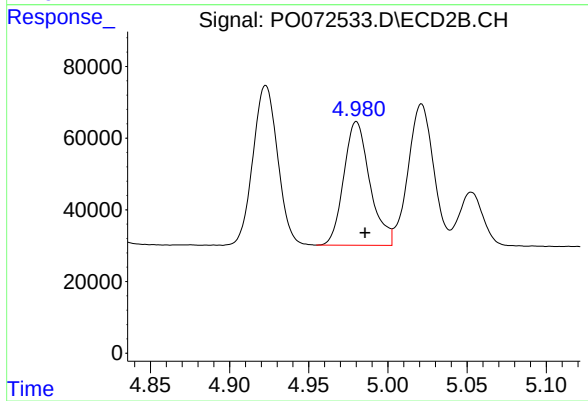
#21 AR-1248-1

R.T.: 4.721 min  
Delta R.T.: -0.005 min  
Response: 618996  
Conc: 608.57 ng/ml



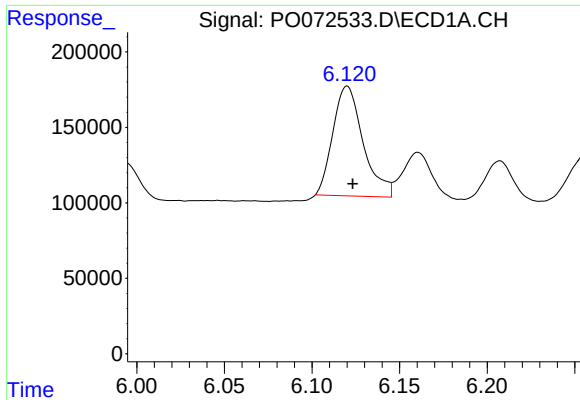
#22 AR-1248-2

R.T.: 5.910 min  
Delta R.T.: -0.003 min  
Response: 727329  
Conc: 290.70 ng/ml



#22 AR-1248-2

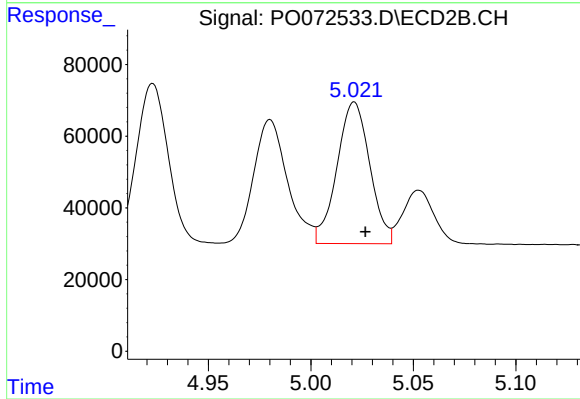
R.T.: 4.980 min  
Delta R.T.: -0.005 min  
Response: 396507  
Conc: 278.08 ng/ml



#23 AR-1248-3

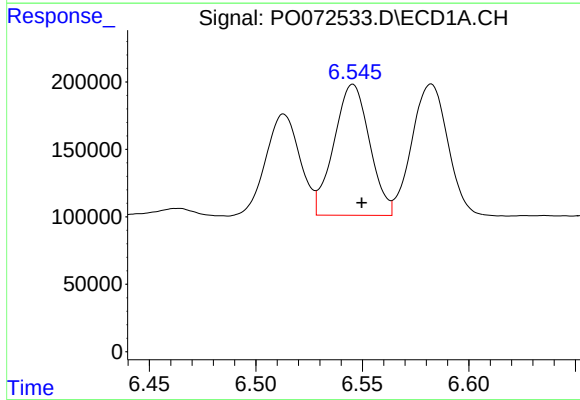
R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 874570  
Conc: 301.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



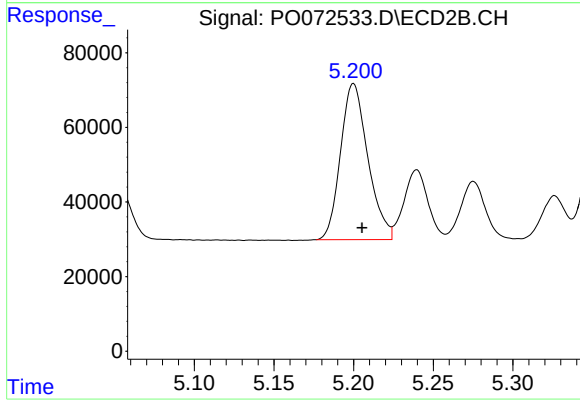
#23 AR-1248-3

R.T.: 5.021 min  
Delta R.T.: -0.006 min  
Response: 440883  
Conc: 328.28 ng/ml



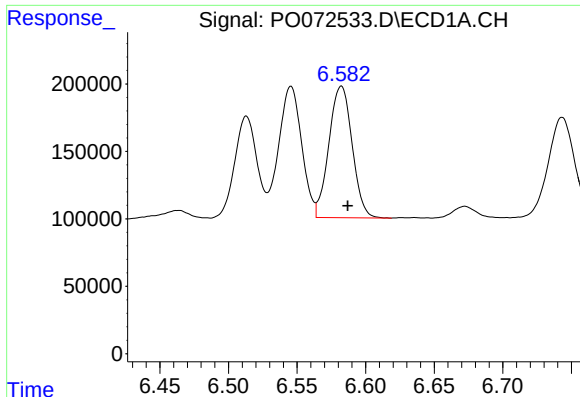
#24 AR-1248-4

R.T.: 6.546 min  
Delta R.T.: -0.004 min  
Response: 1131230  
Conc: 255.81 ng/ml



#24 AR-1248-4

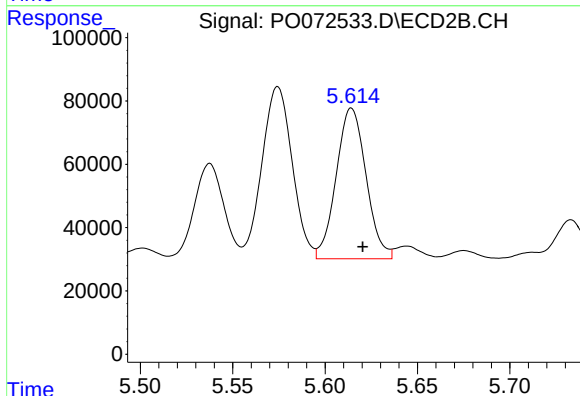
R.T.: 5.200 min  
Delta R.T.: -0.005 min  
Response: 499949  
Conc: 297.71 ng/ml



#25 AR-1248-5

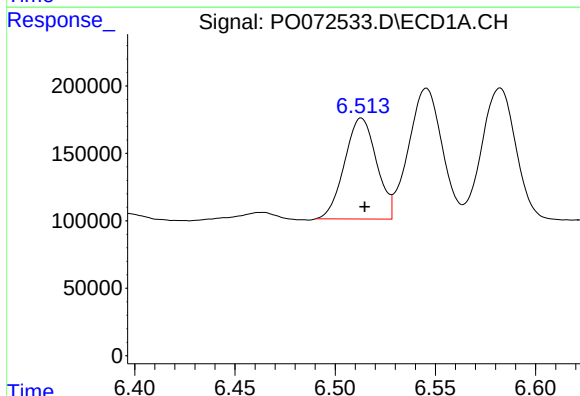
R.T.: 6.582 min  
Delta R.T.: -0.005 min  
Response: 1152731  
Conc: 293.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



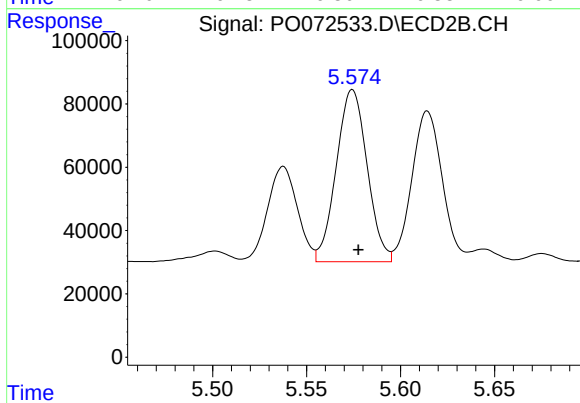
#25 AR-1248-5

R.T.: 5.614 min  
Delta R.T.: -0.006 min  
Response: 535868  
Conc: 290.12 ng/ml



#26 AR-1254-1

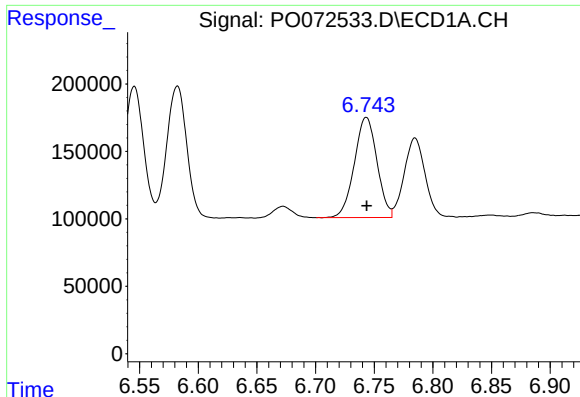
R.T.: 6.513 min  
Delta R.T.: -0.002 min  
Response: 831120  
Conc: 196.74 ng/ml



#26 AR-1254-1

R.T.: 5.574 min  
Delta R.T.: -0.003 min  
Response: 620731  
Conc: 224.56 ng/ml

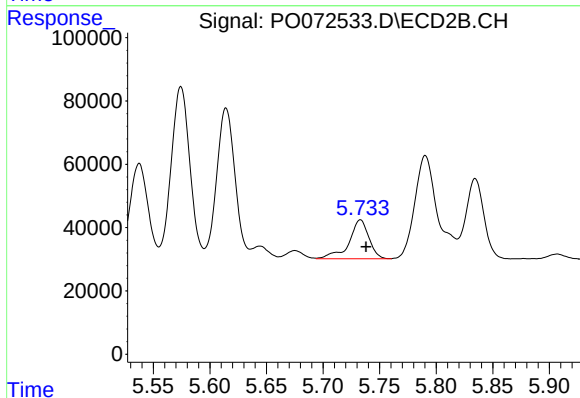




#27 AR-1254-2

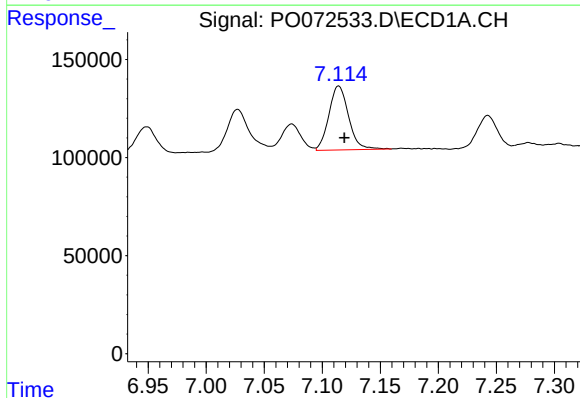
R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 995623  
Conc: 153.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



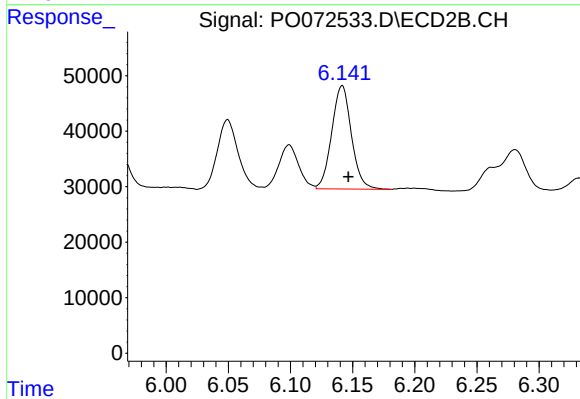
#27 AR-1254-2

R.T.: 5.733 min  
Delta R.T.: -0.005 min  
Response: 151099  
Conc: 62.15 ng/ml



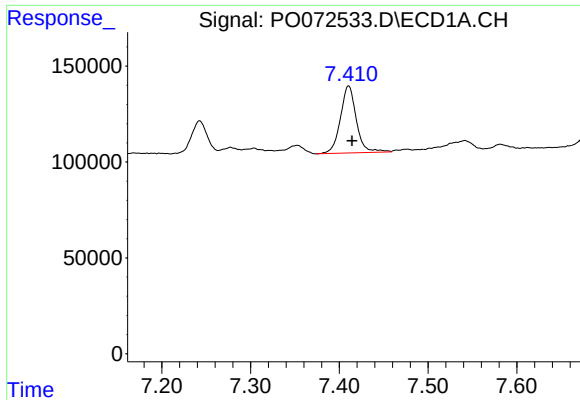
#28 AR-1254-3

R.T.: 7.114 min  
Delta R.T.: -0.005 min  
Response: 385734  
Conc: 56.75 ng/ml



#28 AR-1254-3

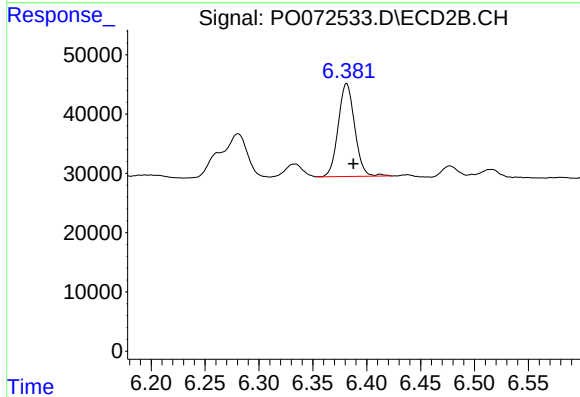
R.T.: 6.142 min  
Delta R.T.: -0.005 min  
Response: 205478  
Conc: 53.40 ng/ml



#29 AR-1254-4

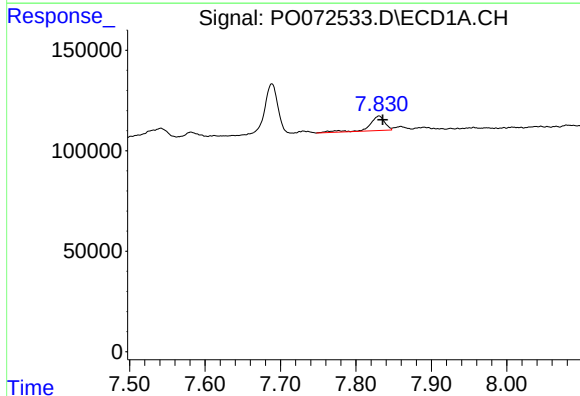
R.T.: 7.411 min  
Delta R.T.: -0.004 min  
Response: 436086  
Conc: 65.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



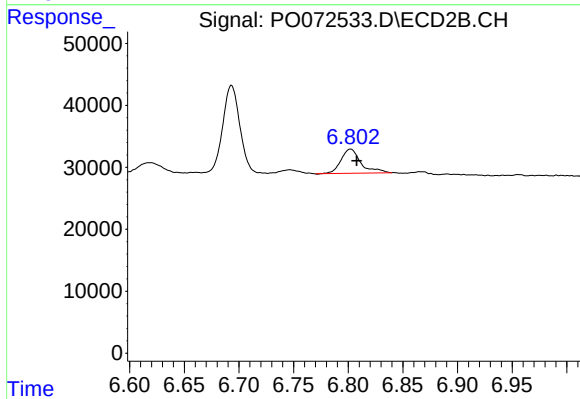
#29 AR-1254-4

R.T.: 6.381 min  
Delta R.T.: -0.006 min  
Response: 166829  
Conc: 62.13 ng/ml



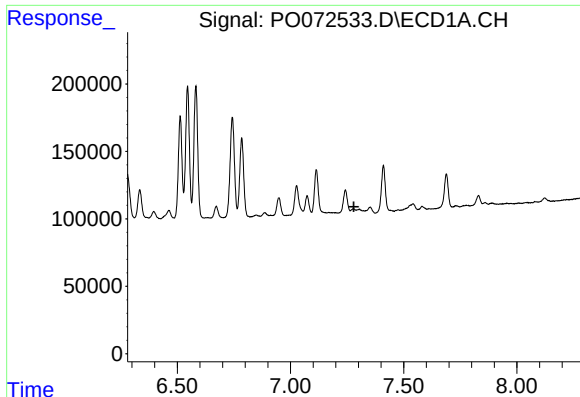
#30 AR-1254-5

R.T.: 7.831 min  
Delta R.T.: -0.005 min  
Response: 101595  
Conc: 15.86 ng/ml



#30 AR-1254-5

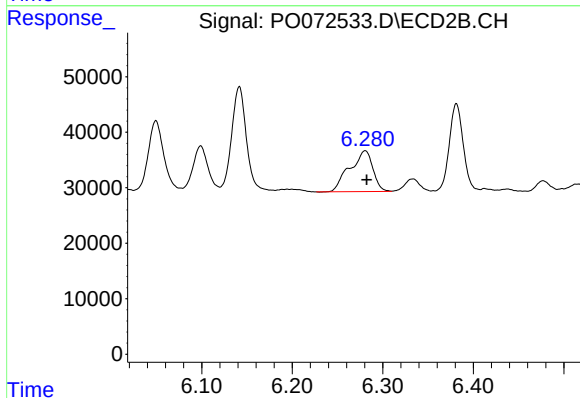
R.T.: 6.802 min  
Delta R.T.: -0.006 min  
Response: 49211  
Conc: 13.43 ng/ml



#31 AR-1260-1

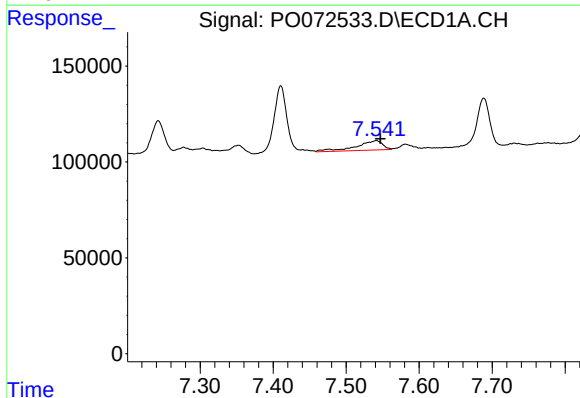
R.T.: 0.000 min  
Exp R.T.: 7.280 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



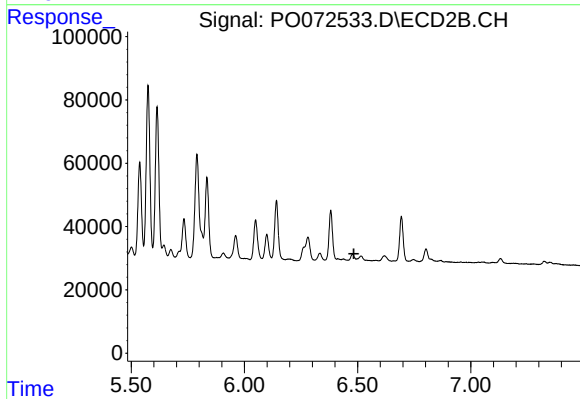
#31 AR-1260-1

R.T.: 6.281 min  
Delta R.T.: -0.002 min  
Response: 130812  
Conc: 51.13 ng/ml



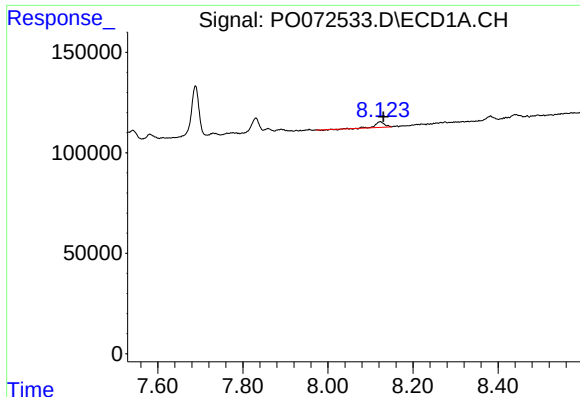
#32 AR-1260-2

R.T.: 7.541 min  
Delta R.T.: -0.005 min  
Response: 123511  
Conc: 16.10 ng/ml



#32 AR-1260-2

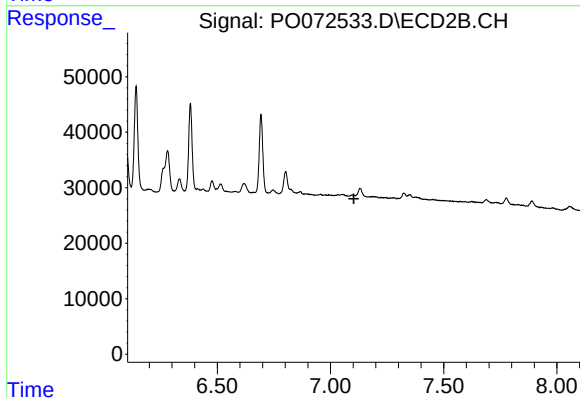
R.T.: 0.000 min  
Exp R.T.: 6.484 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

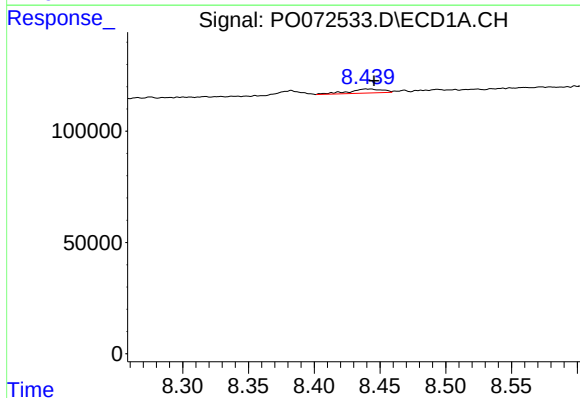
R.T.: 8.123 min  
Delta R.T.: -0.007 min  
Response: 35502  
Conc: 5.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



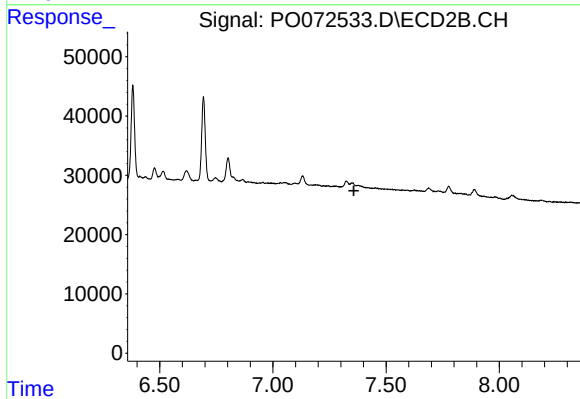
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.104 min  
Response: 0  
Conc: N.D.



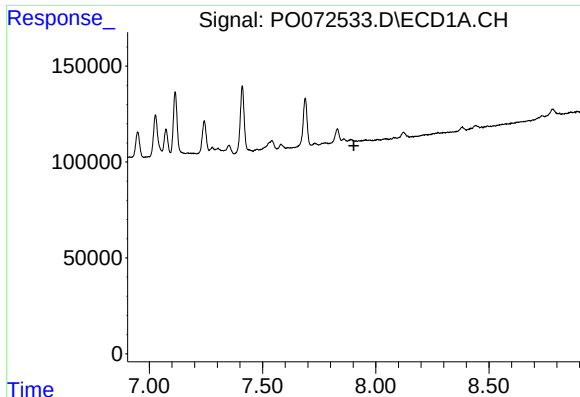
#35 AR-1260-5

R.T.: 8.440 min  
Delta R.T.: -0.006 min  
Response: 32389  
Conc: 2.23 ng/ml



#35 AR-1260-5

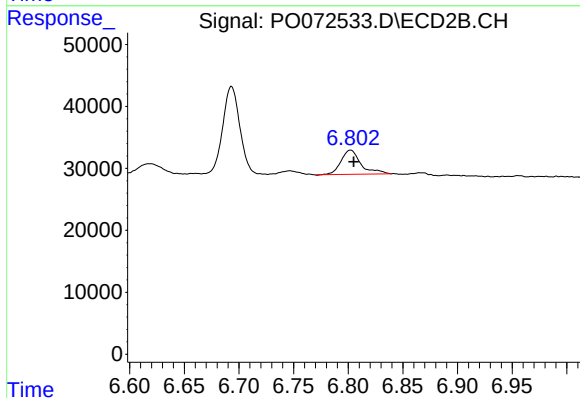
R.T.: 0.000 min  
Exp R.T. : 7.358 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

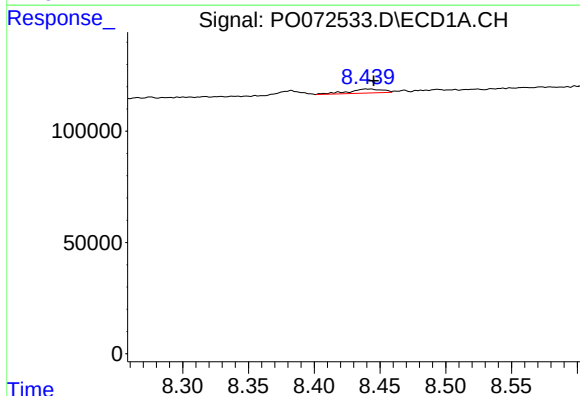
R.T.: 0.000 min  
Exp R.T.: 7.903 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



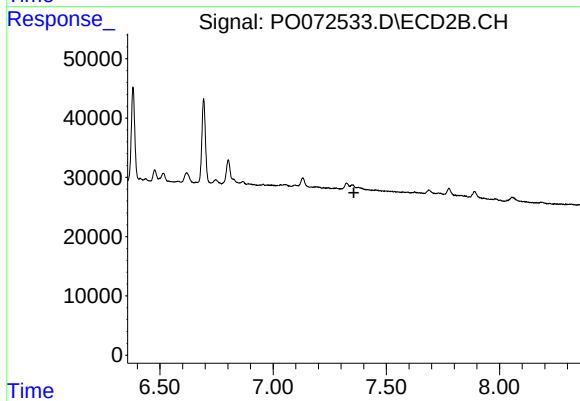
#36 AR-1262-1

R.T.: 6.802 min  
Delta R.T.: -0.003 min  
Response: 49211  
Conc: 25.79 ng/ml



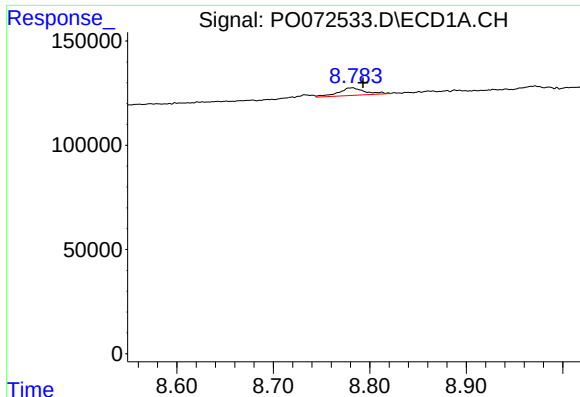
#37 AR-1262-2

R.T.: 8.440 min  
Delta R.T.: -0.006 min  
Response: 32389  
Conc: 2.03 ng/ml



#37 AR-1262-2

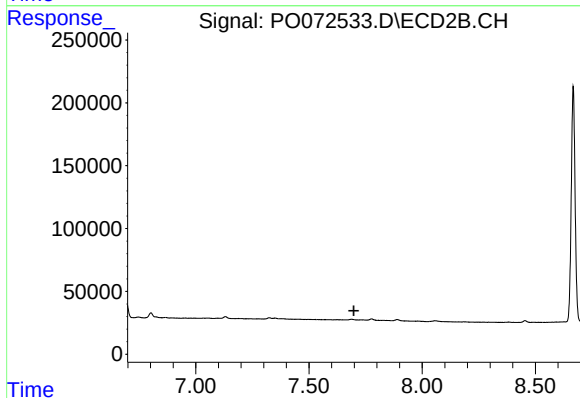
R.T.: 0.000 min  
Exp R.T.: 7.357 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

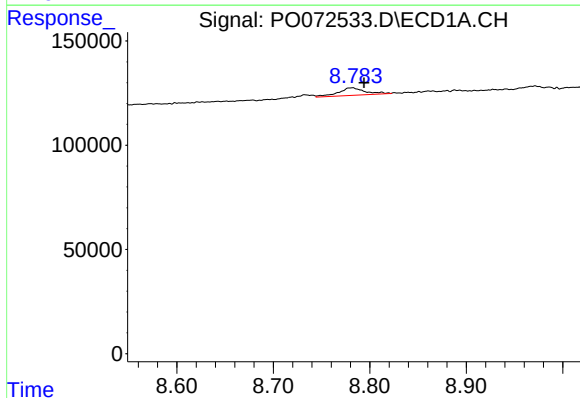
R.T.: 8.782 min  
Delta R.T.: -0.011 min  
Response: 68422  
Conc: 17.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



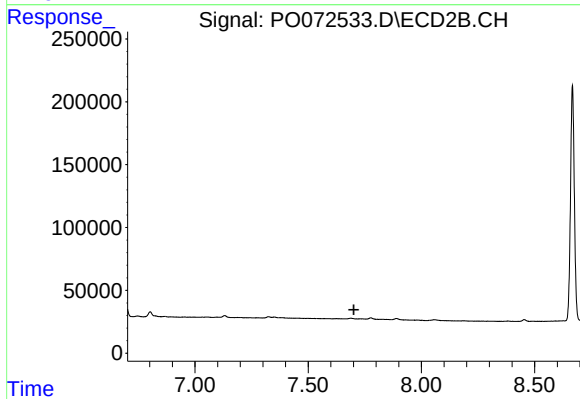
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.698 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.782 min  
Delta R.T.: -0.012 min  
Response: 68422  
Conc: 4.14 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.701 min  
Response: 0  
Conc: N.D.