

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0070920\  
 Data File : P0069494.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Jul 2020 23:08  
 Operator : DD\AJ  
 Sample : L3263-04 5X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 02:29:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0070820.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 08 16:12:41 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... | 4.394  | 3.565 | 170993  | 185136  | 4.580   | 4.652      |
| 2)                          | SA Decachlor... | 10.055 | 8.775 | 223890  | 250610  | 3.721   | 4.416      |
| Target Compounds            |                 |        |       |         |         |         |            |
| 3)                          | L1 AR-1016-1    | 5.724f | 4.798 | 78539   | 33167   | 43.841  | 19.723 #   |
| 4)                          | L1 AR-1016-2    | 5.724  | 4.816 | 78539   | 78191   | 30.980  | 33.626     |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.059 | 0       | 226763  | N.D.    | 207.652 #  |
| 7)                          | L1 AR-1016-5    | 6.205  | 5.280 | 94890   | 121616  | 72.017  | 88.413     |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.816 | 0       | 78191   | N.D.    | 80.883 #   |
| 13)                         | L3 AR-1232-3    | 5.724  | 0.000 | 78539   | 0       | 78.568  | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.101 | 0       | 86427   | N.D.    | 197.127 #  |
| 15)                         | L3 AR-1232-5    | 5.993  | 5.280 | 185968  | 121616  | 585.997 | 232.474 #  |
| 16)                         | L4 AR-1242-1    | 5.724f | 4.798 | 78539   | 33167   | 60.258  | 26.451 #   |
| 17)                         | L4 AR-1242-2    | 5.724  | 4.816 | 78539   | 78191   | 41.707  | 44.754     |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.101 | 0       | 86427   | N.D.    | 95.534 #   |
| 20)                         | L4 AR-1242-5    | 6.669  | 5.656 | 289715  | 731252  | 244.047 | 576.947 #  |
| 21)                         | L5 AR-1248-1    | 5.724f | 4.798 | 78539   | 33167   | 80.424  | 33.890 #   |
| 22)                         | L5 AR-1248-2    | 5.993  | 5.059 | 185968  | 226763  | 146.060 | 166.568    |
| 23)                         | L5 AR-1248-3    | 6.205  | 5.101 | 94890   | 86427   | 60.039  | 68.434     |
| 24)                         | L5 AR-1248-4    | 6.631  | 5.280 | 357887  | 121616  | 176.380 | 74.871 #   |
| 25)                         | L5 AR-1248-5    | 6.669  | 5.698 | 289715  | 170325  | 150.952 | 103.216 #  |
| 26)                         | L6 AR-1254-1    | 6.598  | 5.656 | 681962  | 731252  | 342.594 | 280.917    |
| 27)                         | L6 AR-1254-2    | 6.826  | 5.817 | 1050448 | 891455  | 327.218 | 386.150    |
| 28)                         | L6 AR-1254-3    | 7.203  | 6.230 | 1150630 | 1508989 | 327.620 | 401.807    |
| 29)                         | L6 AR-1254-4    | 7.499  | 6.470 | 1110035 | 1022073 | 370.893 | 404.440    |
| 30)                         | L6 AR-1254-5    | 7.922  | 6.894 | 1623178 | 1965304 | 539.478 | 547.599    |
| 31)                         | L7 AR-1260-1    | 7.368  | 6.367 | 704166  | 909029  | 267.804 | 344.646 #  |
| 32)                         | L7 AR-1260-2    | 7.635  | 6.567 | 1026121 | 946288  | 289.260 | 289.106    |
| 33)                         | L7 AR-1260-3    | 7.992  | 6.712 | 342221  | 781814  | 118.375 | 256.784 #  |
| 34)                         | L7 AR-1260-4    | 8.215  | 7.193 | 687527  | 280824  | 232.121 | 103.748 #  |
| 35)                         | L7 AR-1260-5    | 8.536  | 7.446 | 698248  | 622627  | 103.194 | 97.155     |
| 36)                         | L8 AR-1262-1    | 7.992  | 6.894 | 342221  | 1965304 | 85.997  | 1017.766 # |
| 37)                         | L8 AR-1262-2    | 8.536  | 7.446 | 698248  | 622627  | 96.735  | 95.360     |
| 38)                         | L8 AR-1262-3    | 8.827f | 7.728 | 414102  | 124819  | 86.483  | 46.314 #   |
| 39)                         | L8 AR-1262-4    | 8.870f | 7.787 | 231052  | 593453  | 119.197 | 119.187    |
| 40)                         | L8 AR-1262-5    | 9.450  | 8.288 | 95171   | 113911  | 36.490  | 45.842 #   |
| 41)                         | L9 AR-1268-1    | 8.827f | 7.728 | 414102  | 124819  | 45.176  | 15.945 #   |
| 42)                         | L9 AR-1268-2    | 8.870f | 7.787 | 231052  | 593453  | 27.876  | 83.082 #   |
| 44)                         | L9 AR-1268-4    | 9.450  | 8.288 | 95171   | 113911  | 31.400  | 39.388 #   |
| 45)                         | L9 AR-1268-5    | 9.787  | 8.558 | 72043   | 71710   | 3.243   | 3.719      |
| -----                       |                 |        |       |         |         |         |            |

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

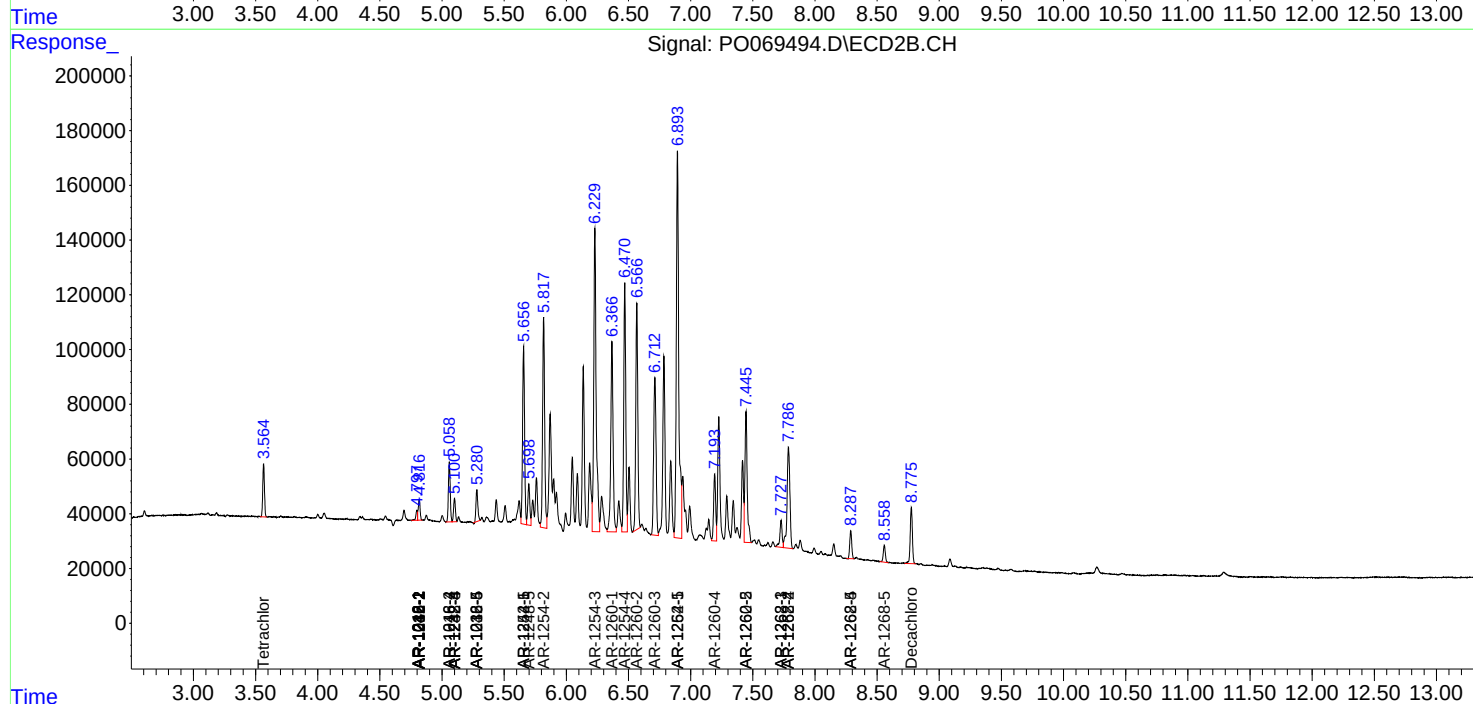
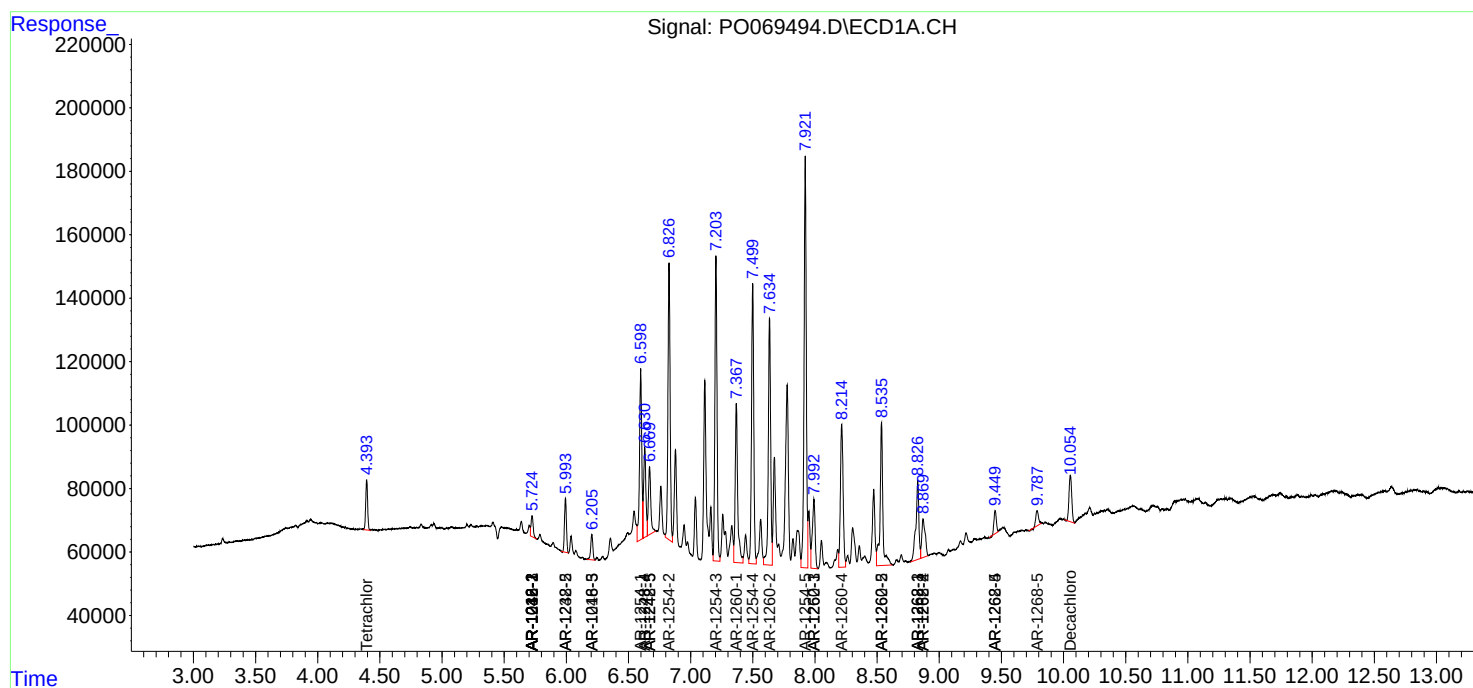
Instrument :  
ECD\_O  
ClientSampleId :

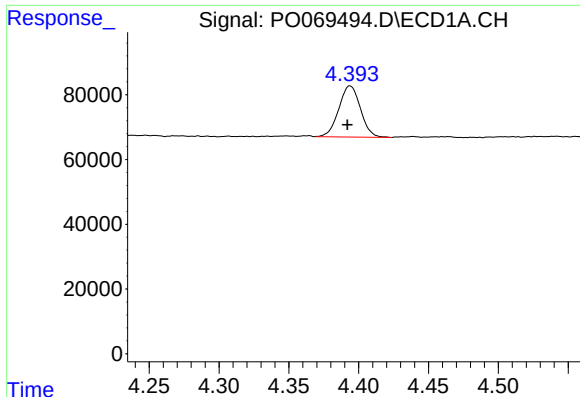
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0070920\  
Data File : P0069494.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 Jul 2020 23:08  
Operator : DD\AJ  
Sample : L3263-04 5X  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 02:29:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0070820.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 08 16:12:41 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

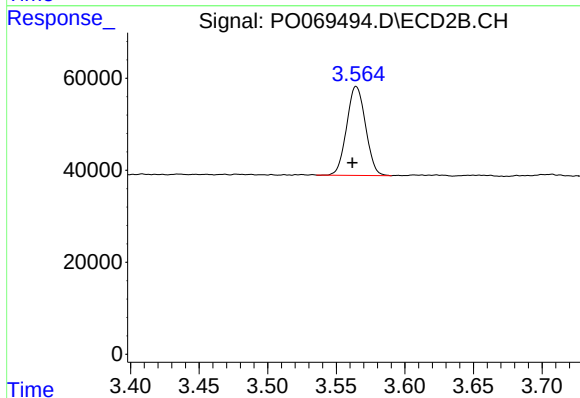




#1 Tetrachloro-m-xylene

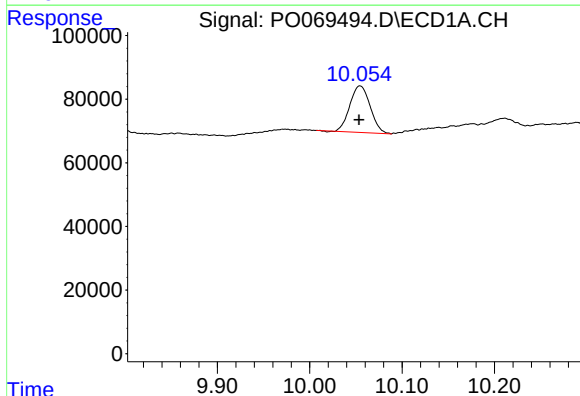
R.T.: 4.394 min  
Delta R.T.: 0.002 min  
Response: 170993  
Conc: 4.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



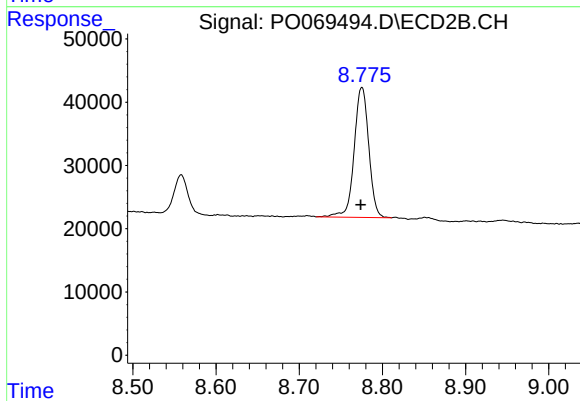
#1 Tetrachloro-m-xylene

R.T.: 3.565 min  
Delta R.T.: 0.003 min  
Response: 185136  
Conc: 4.65 ng/ml



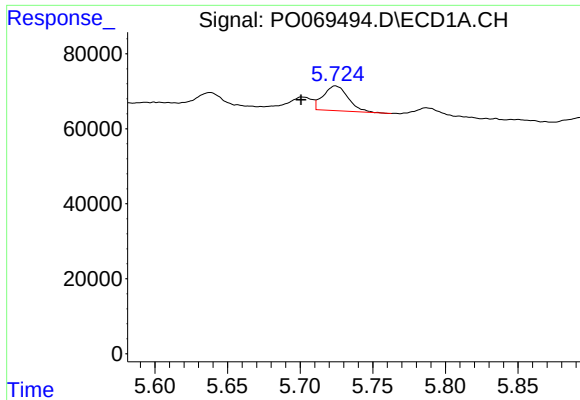
#2 Decachlorobiphenyl

R.T.: 10.055 min  
Delta R.T.: 0.001 min  
Response: 223890  
Conc: 3.72 ng/ml



#2 Decachlorobiphenyl

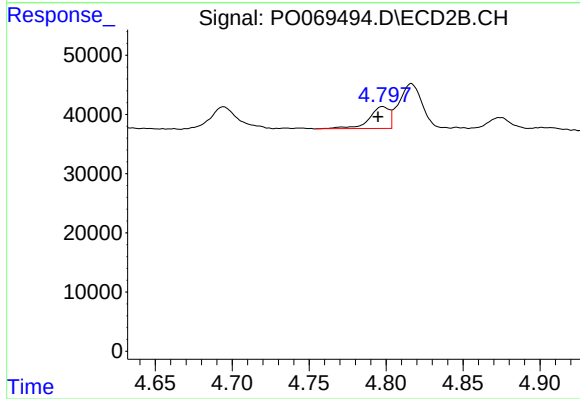
R.T.: 8.775 min  
Delta R.T.: 0.001 min  
Response: 250610  
Conc: 4.42 ng/ml



#3 AR-1016-1

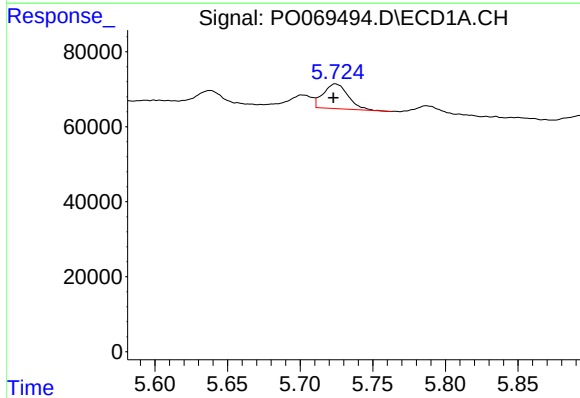
R.T.: 5.724 min  
Delta R.T.: 0.024 min  
Response: 78539  
Conc: 43.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



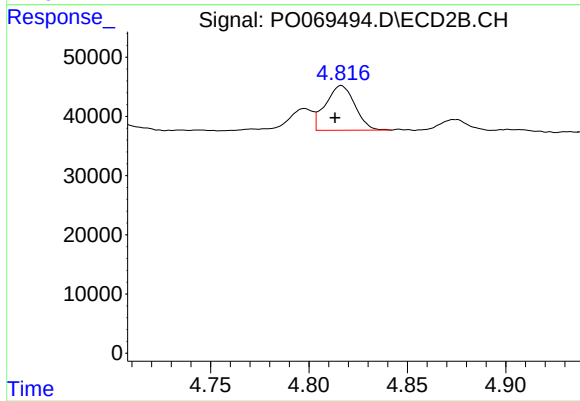
#3 AR-1016-1

R.T.: 4.798 min  
Delta R.T.: 0.003 min  
Response: 33167  
Conc: 19.72 ng/ml



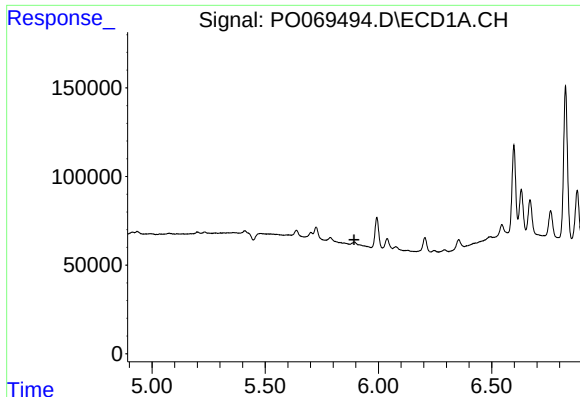
#4 AR-1016-2

R.T.: 5.724 min  
Delta R.T.: 0.001 min  
Response: 78539  
Conc: 30.98 ng/ml



#4 AR-1016-2

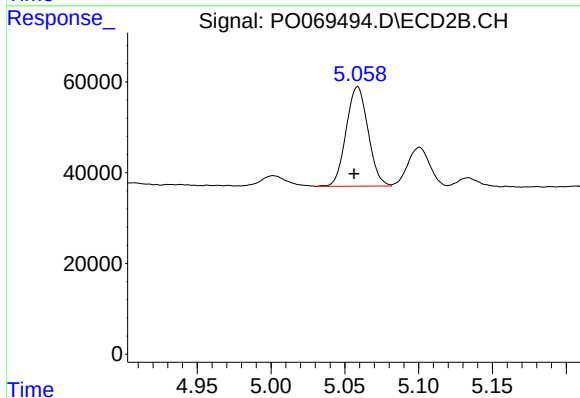
R.T.: 4.816 min  
Delta R.T.: 0.003 min  
Response: 78191  
Conc: 33.63 ng/ml



#6 AR-1016-4

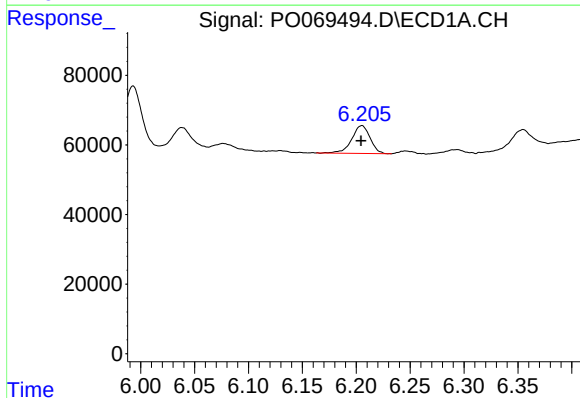
R.T.: 0.000 min  
Exp R.T.: 5.892 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



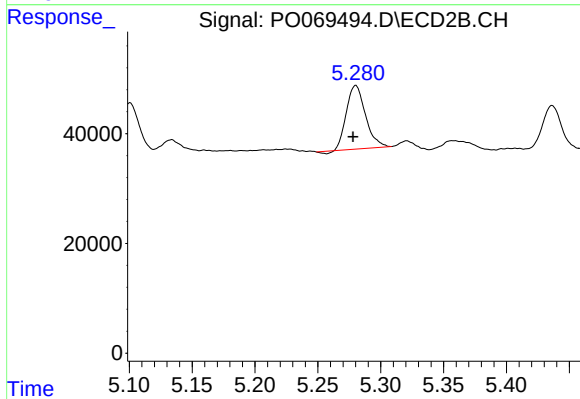
#6 AR-1016-4

R.T.: 5.059 min  
Delta R.T.: 0.002 min  
Response: 226763  
Conc: 207.65 ng/ml



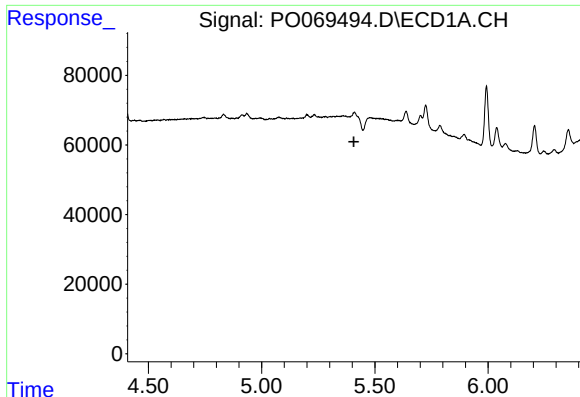
#7 AR-1016-5

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 94890  
Conc: 72.02 ng/ml



#7 AR-1016-5

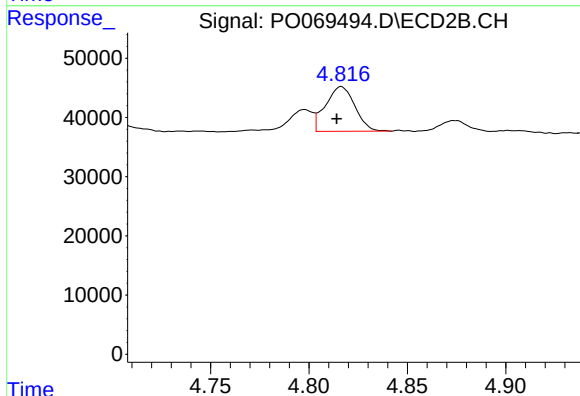
R.T.: 5.280 min  
Delta R.T.: 0.002 min  
Response: 121616  
Conc: 88.41 ng/ml



#12 AR-1232-2

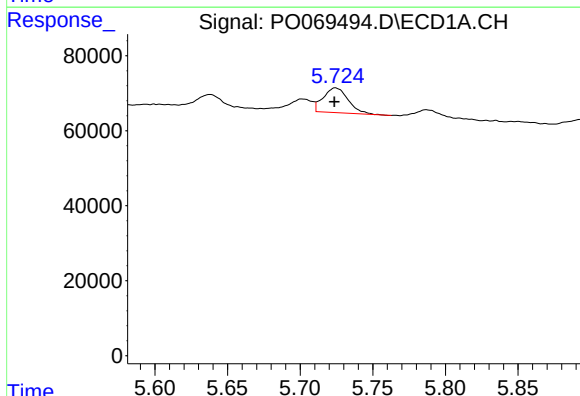
R.T.: 0.000 min  
Exp R.T.: 5.407 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



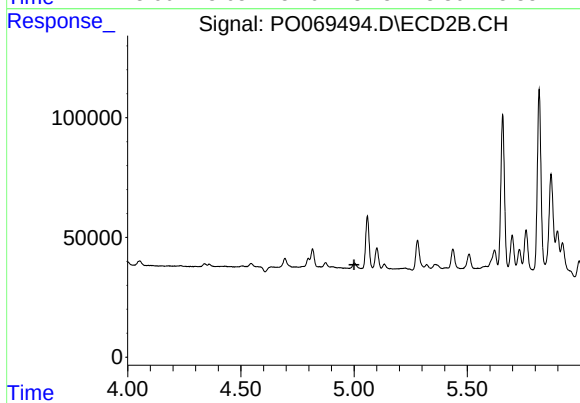
#12 AR-1232-2

R.T.: 4.816 min  
Delta R.T.: 0.002 min  
Response: 78191  
Conc: 80.88 ng/ml



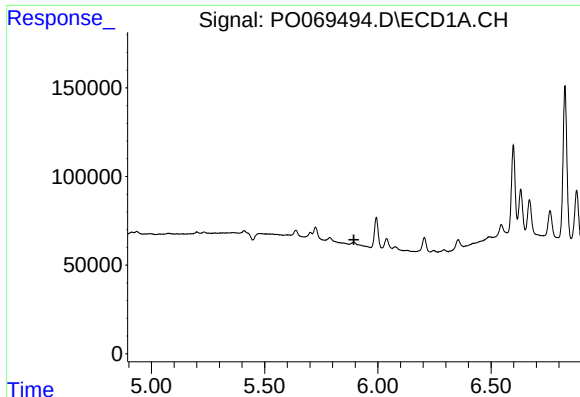
#13 AR-1232-3

R.T.: 5.724 min  
Delta R.T.: 0.000 min  
Response: 78539  
Conc: 78.57 ng/ml



#13 AR-1232-3

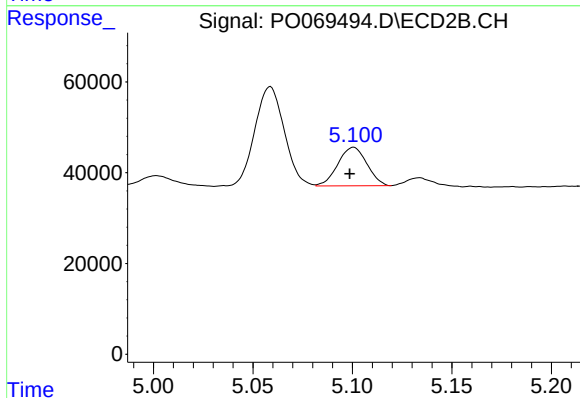
R.T.: 0.000 min  
Exp R.T.: 4.999 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

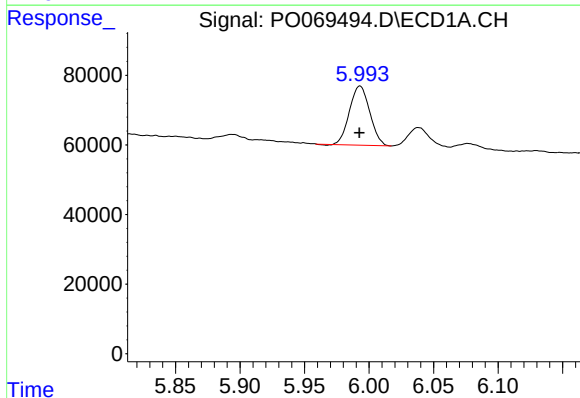
R.T.: 0.000 min  
Exp R.T.: 5.894 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



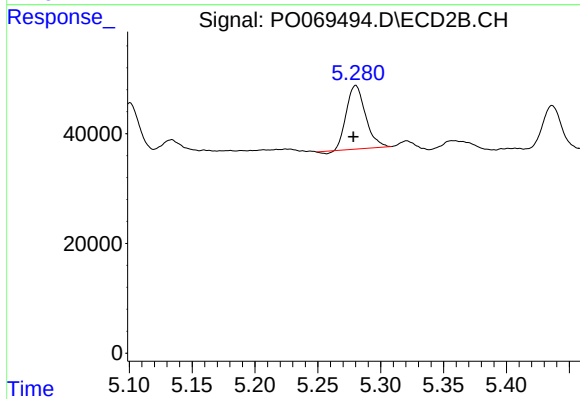
#14 AR-1232-4

R.T.: 5.101 min  
Delta R.T.: 0.002 min  
Response: 86427  
Conc: 197.13 ng/ml



#15 AR-1232-5

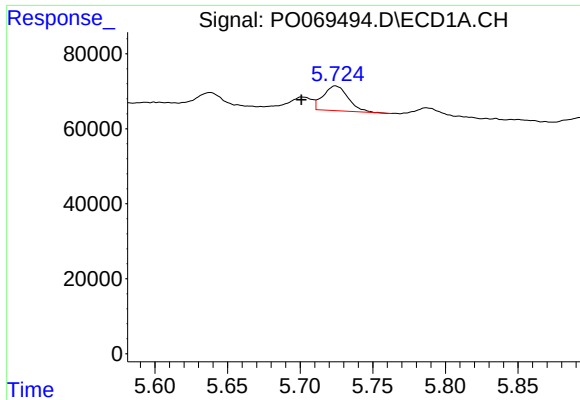
R.T.: 5.993 min  
Delta R.T.: 0.000 min  
Response: 185968  
Conc: 586.00 ng/ml



#15 AR-1232-5

R.T.: 5.280 min  
Delta R.T.: 0.002 min  
Response: 121616  
Conc: 232.47 ng/ml

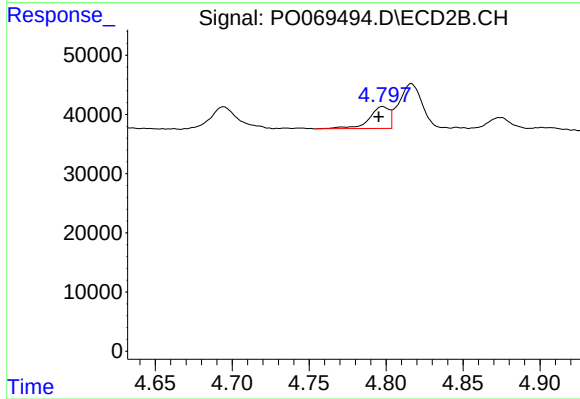




#16 AR-1242-1

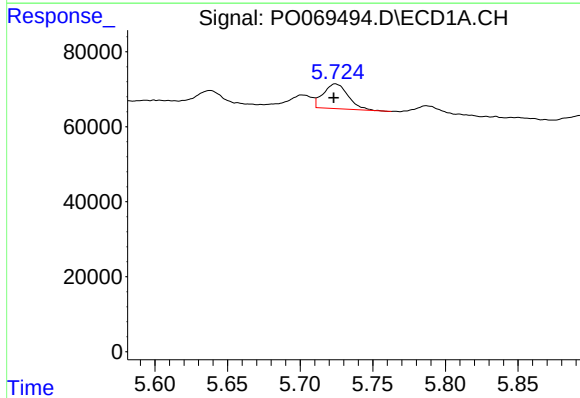
R.T.: 5.724 min  
Delta R.T.: 0.023 min  
Response: 78539  
Conc: 60.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



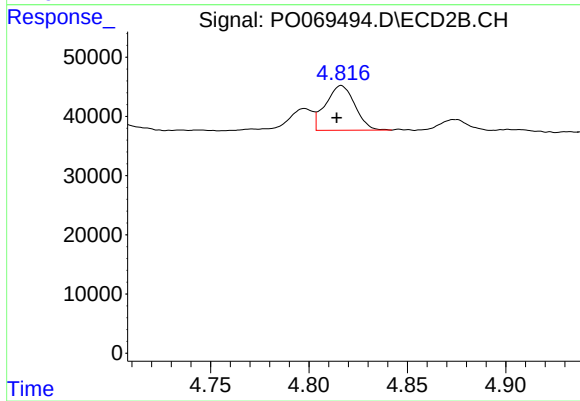
#16 AR-1242-1

R.T.: 4.798 min  
Delta R.T.: 0.003 min  
Response: 33167  
Conc: 26.45 ng/ml



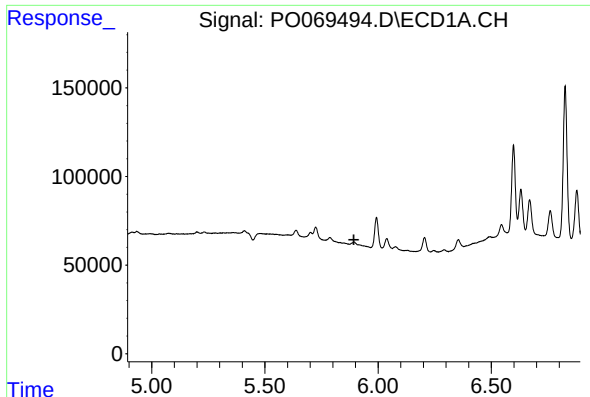
#17 AR-1242-2

R.T.: 5.724 min  
Delta R.T.: 0.001 min  
Response: 78539  
Conc: 41.71 ng/ml



#17 AR-1242-2

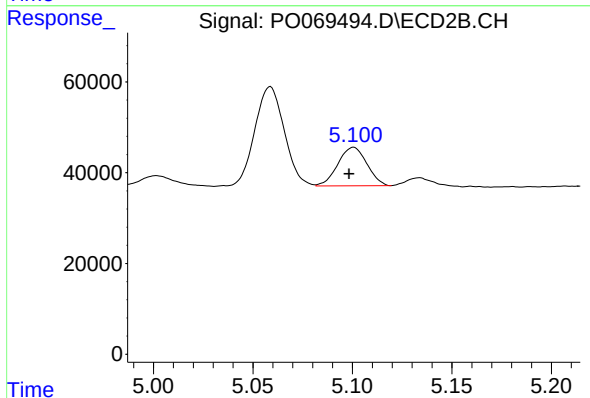
R.T.: 4.816 min  
Delta R.T.: 0.002 min  
Response: 78191  
Conc: 44.75 ng/ml



#19 AR-1242-4

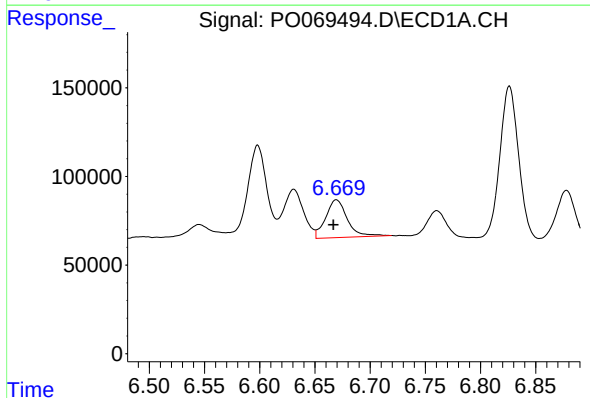
R.T.: 0.000 min  
Exp R.T.: 5.893 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



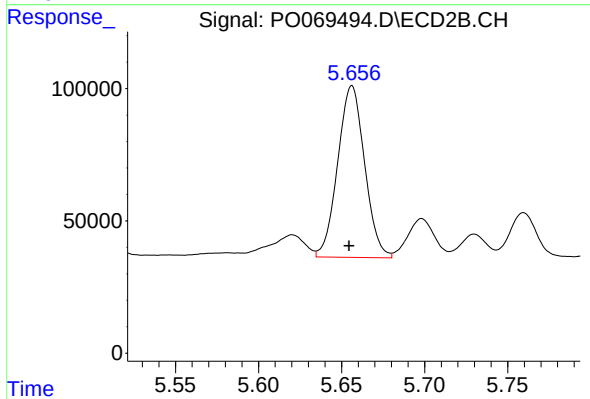
#19 AR-1242-4

R.T.: 5.101 min  
Delta R.T.: 0.002 min  
Response: 86427  
Conc: 95.53 ng/ml



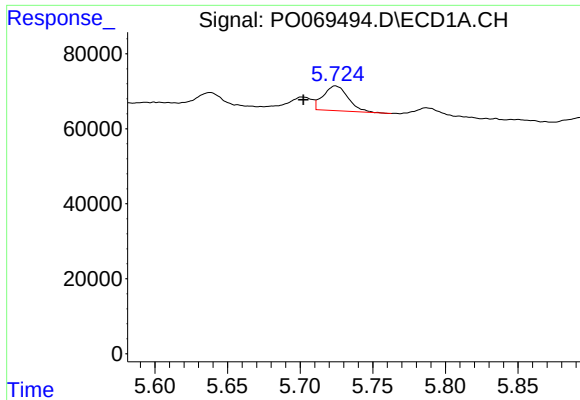
#20 AR-1242-5

R.T.: 6.669 min  
Delta R.T.: 0.003 min  
Response: 289715  
Conc: 244.05 ng/ml



#20 AR-1242-5

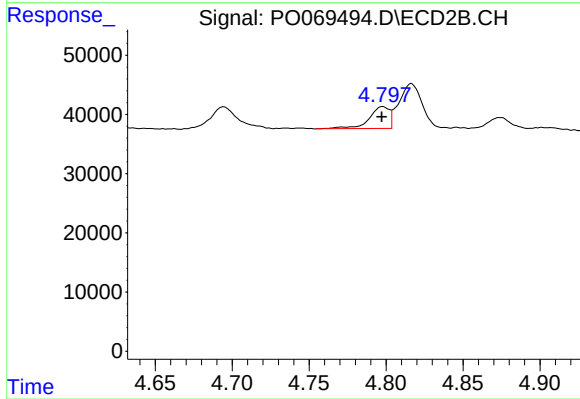
R.T.: 5.656 min  
Delta R.T.: 0.002 min  
Response: 731252  
Conc: 576.95 ng/ml



#21 AR-1248-1

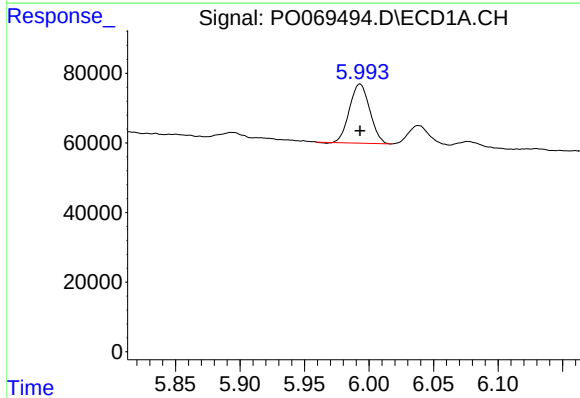
R.T.: 5.724 min  
Delta R.T.: 0.022 min  
Response: 78539  
Conc: 80.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



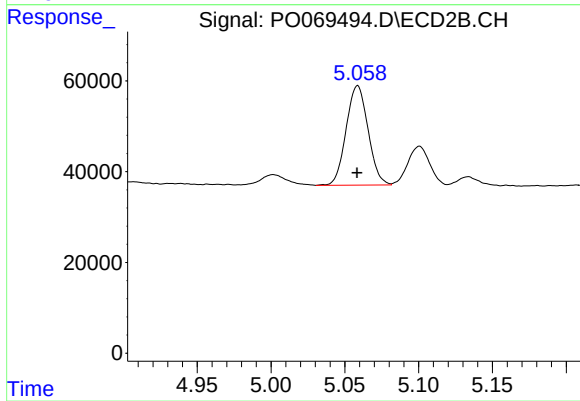
#21 AR-1248-1

R.T.: 4.798 min  
Delta R.T.: 0.000 min  
Response: 33167  
Conc: 33.89 ng/ml



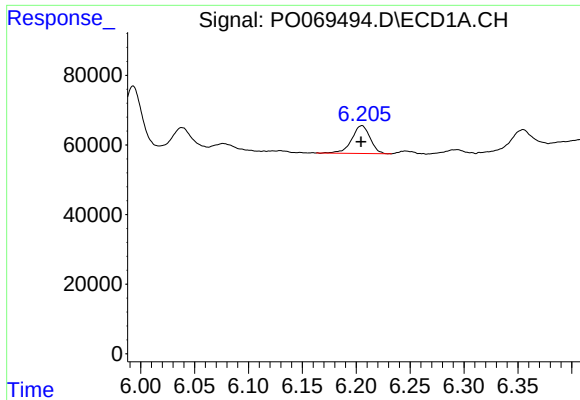
#22 AR-1248-2

R.T.: 5.993 min  
Delta R.T.: 0.000 min  
Response: 185968  
Conc: 146.06 ng/ml



#22 AR-1248-2

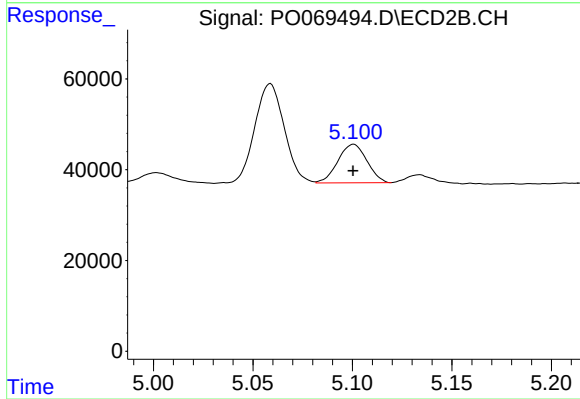
R.T.: 5.059 min  
Delta R.T.: 0.000 min  
Response: 226763  
Conc: 166.57 ng/ml



#23 AR-1248-3

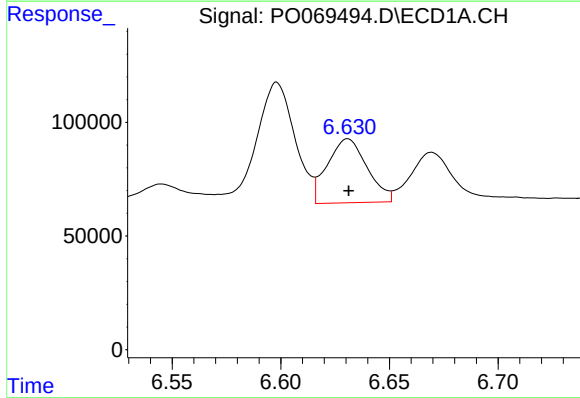
R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 94890  
Conc: 60.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



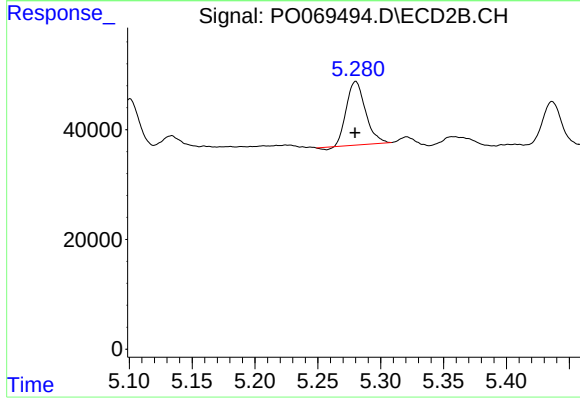
#23 AR-1248-3

R.T.: 5.101 min  
Delta R.T.: 0.000 min  
Response: 86427  
Conc: 68.43 ng/ml



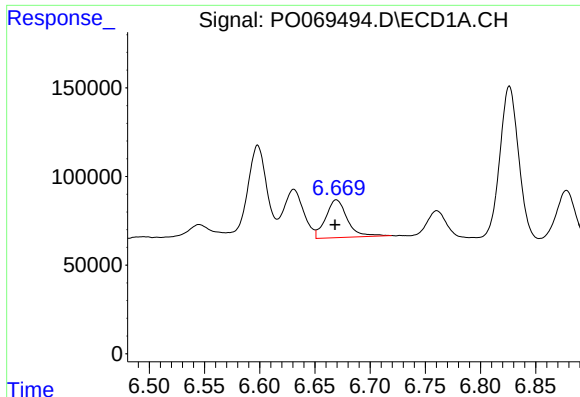
#24 AR-1248-4

R.T.: 6.631 min  
Delta R.T.: 0.000 min  
Response: 357887  
Conc: 176.38 ng/ml



#24 AR-1248-4

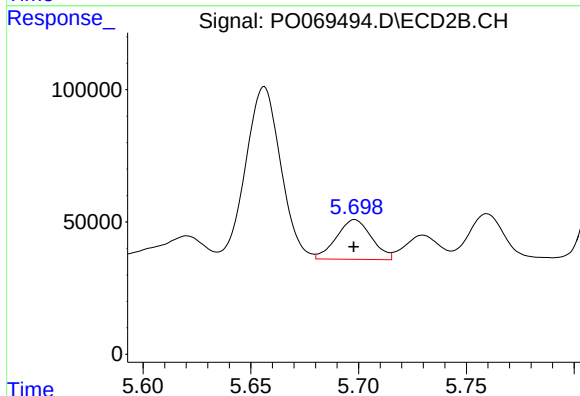
R.T.: 5.280 min  
Delta R.T.: 0.000 min  
Response: 121616  
Conc: 74.87 ng/ml



#25 AR-1248-5

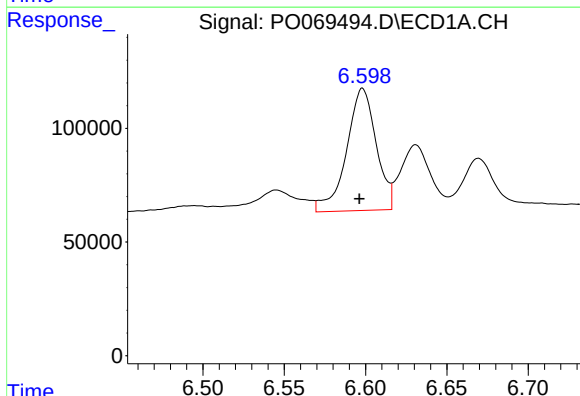
R.T.: 6.669 min  
Delta R.T.: 0.001 min  
Response: 289715  
Conc: 150.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



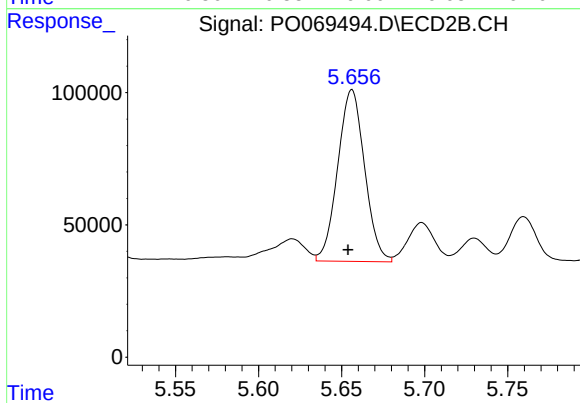
#25 AR-1248-5

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 170325  
Conc: 103.22 ng/ml



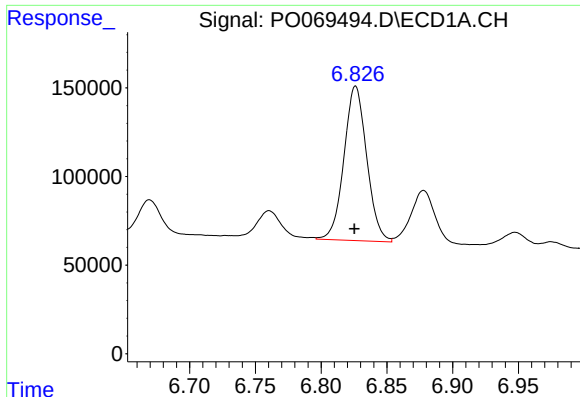
#26 AR-1254-1

R.T.: 6.598 min  
Delta R.T.: 0.002 min  
Response: 681962  
Conc: 342.59 ng/ml



#26 AR-1254-1

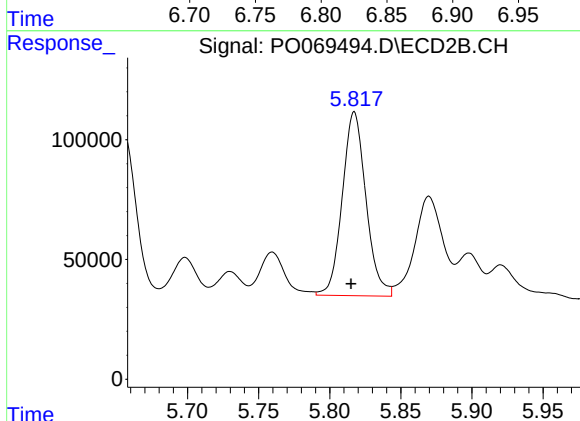
R.T.: 5.656 min  
Delta R.T.: 0.002 min  
Response: 731252  
Conc: 280.92 ng/ml



#27 AR-1254-2

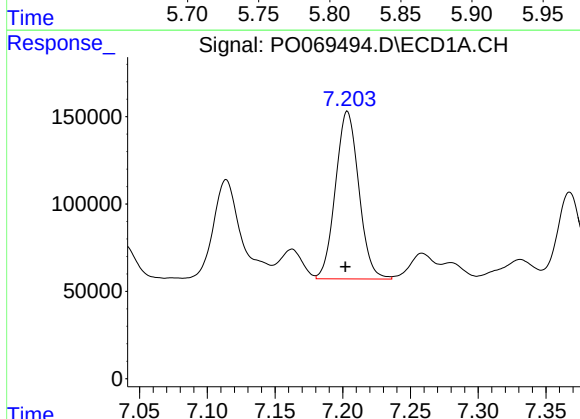
R.T.: 6.826 min  
Delta R.T.: 0.000 min  
Response: 1050448  
Conc: 327.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



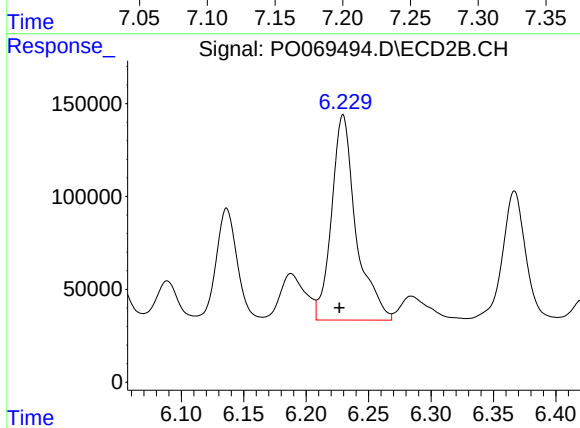
#27 AR-1254-2

R.T.: 5.817 min  
Delta R.T.: 0.002 min  
Response: 891455  
Conc: 386.15 ng/ml



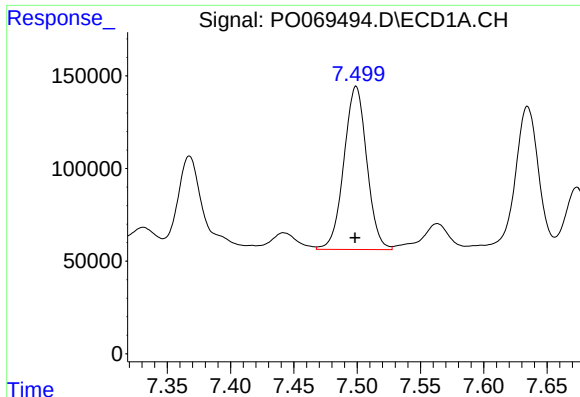
#28 AR-1254-3

R.T.: 7.203 min  
Delta R.T.: 0.001 min  
Response: 1150630  
Conc: 327.62 ng/ml



#28 AR-1254-3

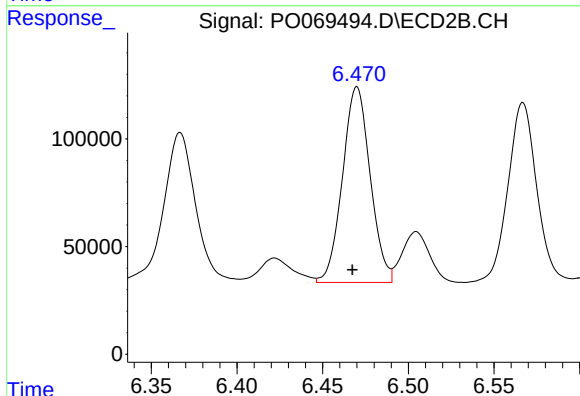
R.T.: 6.230 min  
Delta R.T.: 0.003 min  
Response: 1508989  
Conc: 401.81 ng/ml



#29 AR-1254-4

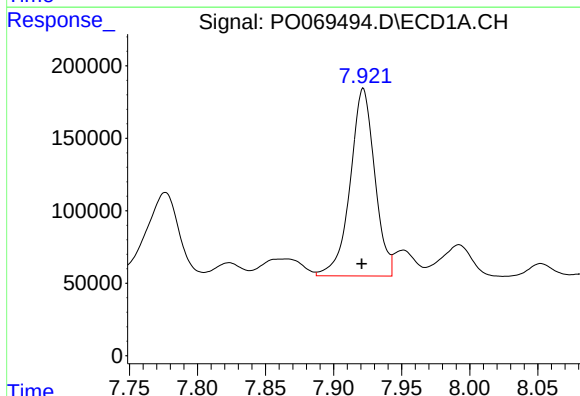
R.T.: 7.499 min  
Delta R.T.: 0.000 min  
Response: 1110035  
Conc: 370.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



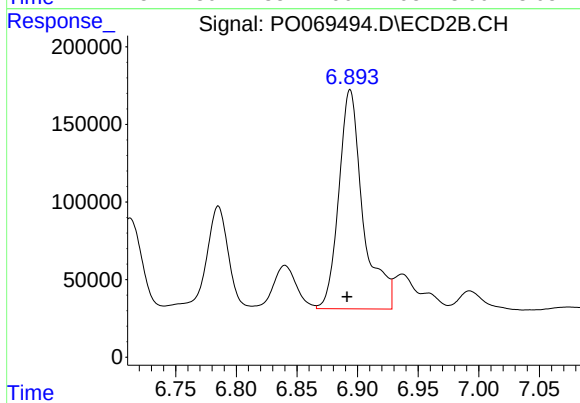
#29 AR-1254-4

R.T.: 6.470 min  
Delta R.T.: 0.003 min  
Response: 1022073  
Conc: 404.44 ng/ml



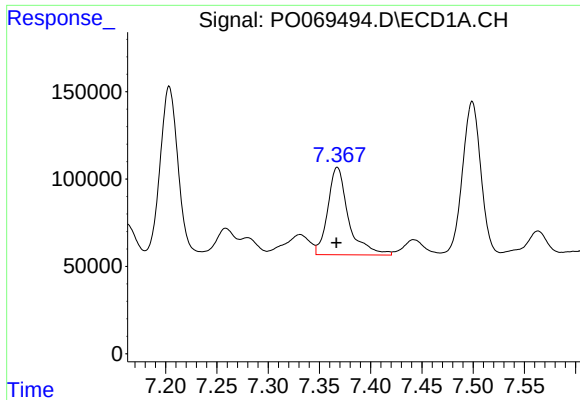
#30 AR-1254-5

R.T.: 7.922 min  
Delta R.T.: 0.001 min  
Response: 1623178  
Conc: 539.48 ng/ml



#30 AR-1254-5

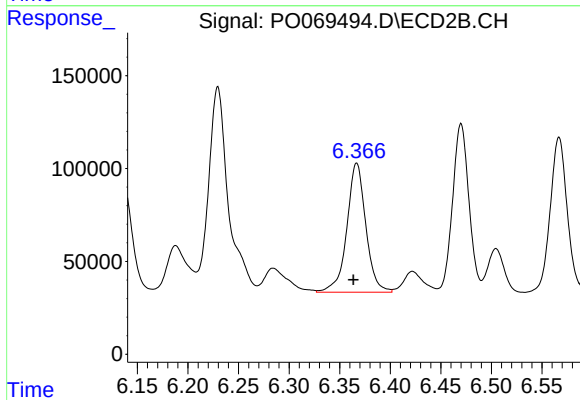
R.T.: 6.894 min  
Delta R.T.: 0.003 min  
Response: 1965304  
Conc: 547.60 ng/ml



#31 AR-1260-1

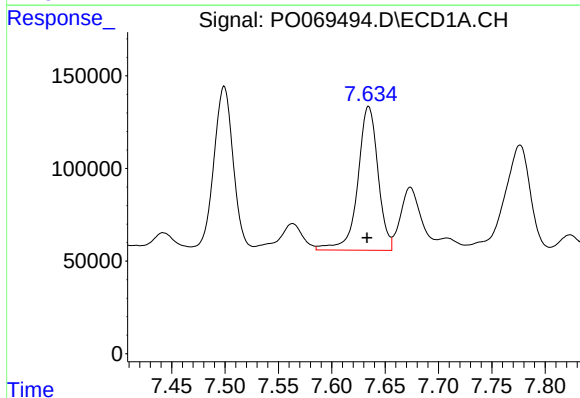
R.T.: 7.368 min  
Delta R.T.: 0.001 min  
Response: 704166  
Conc: 267.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



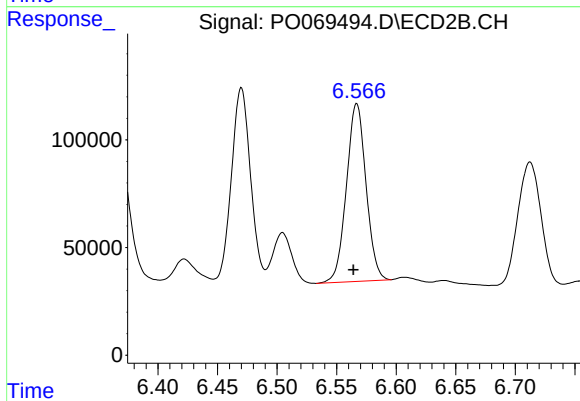
#31 AR-1260-1

R.T.: 6.367 min  
Delta R.T.: 0.003 min  
Response: 909029  
Conc: 344.65 ng/ml



#32 AR-1260-2

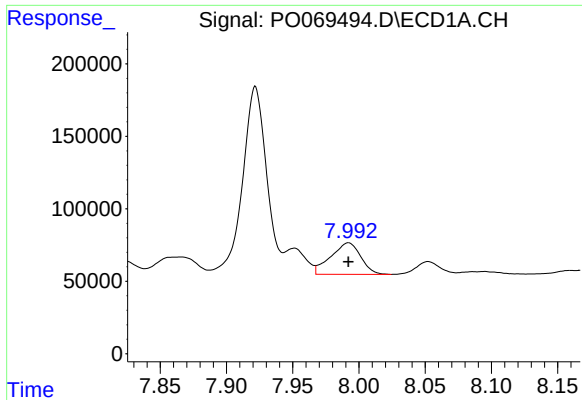
R.T.: 7.635 min  
Delta R.T.: 0.001 min  
Response: 1026121  
Conc: 289.26 ng/ml



#32 AR-1260-2

R.T.: 6.567 min  
Delta R.T.: 0.003 min  
Response: 946288  
Conc: 289.11 ng/ml

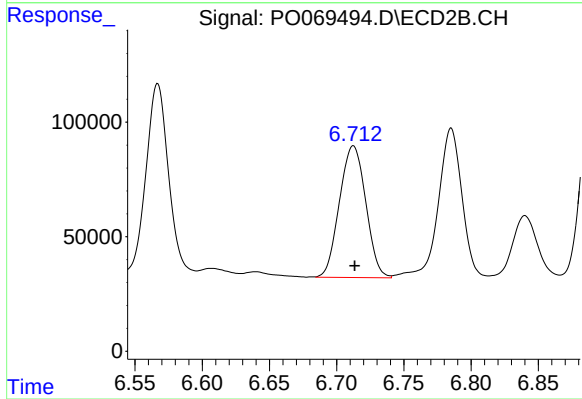




#33 AR-1260-3

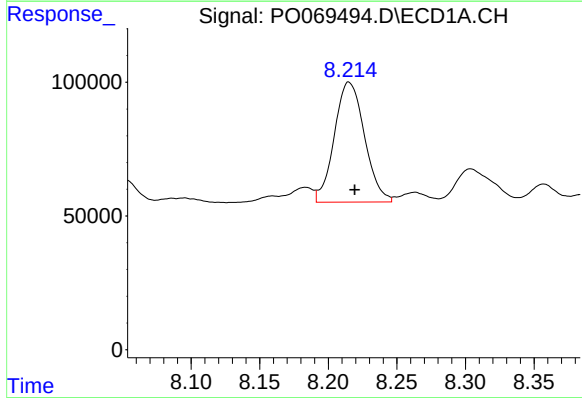
R.T.: 7.992 min  
Delta R.T.: 0.000 min  
Response: 342221  
Conc: 118.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



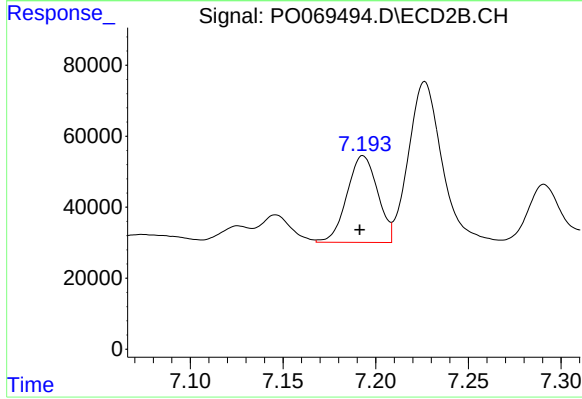
#33 AR-1260-3

R.T.: 6.712 min  
Delta R.T.: -0.001 min  
Response: 781814  
Conc: 256.78 ng/ml



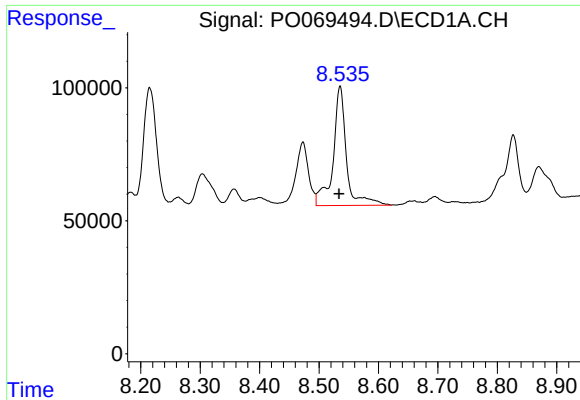
#34 AR-1260-4

R.T.: 8.215 min  
Delta R.T.: -0.004 min  
Response: 687527  
Conc: 232.12 ng/ml



#34 AR-1260-4

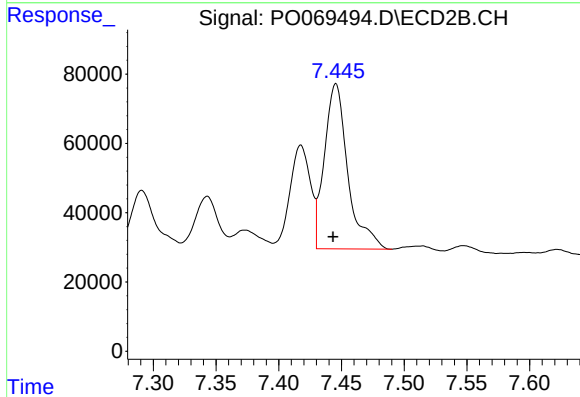
R.T.: 7.193 min  
Delta R.T.: 0.002 min  
Response: 280824  
Conc: 103.75 ng/ml



#35 AR-1260-5

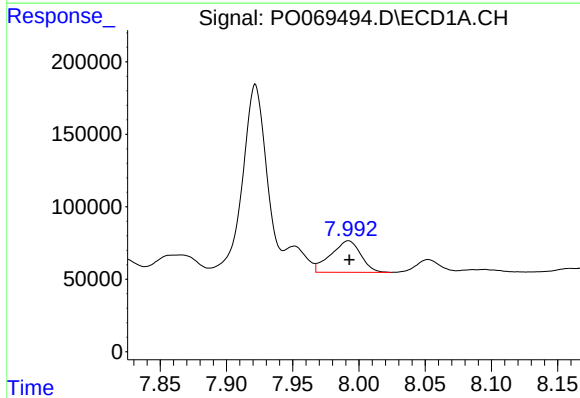
R.T.: 8.536 min  
Delta R.T.: 0.002 min  
Response: 698248  
Conc: 103.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



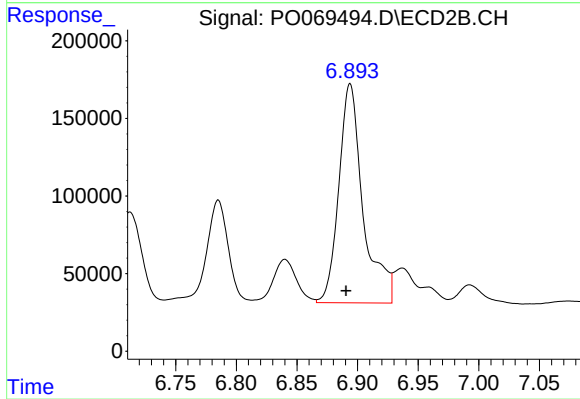
#35 AR-1260-5

R.T.: 7.446 min  
Delta R.T.: 0.002 min  
Response: 622627  
Conc: 97.15 ng/ml



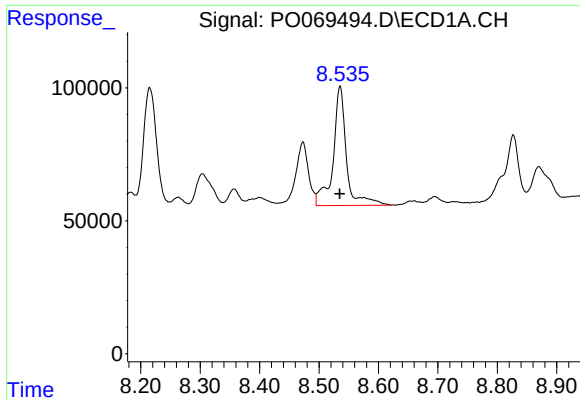
#36 AR-1262-1

R.T.: 7.992 min  
Delta R.T.: 0.000 min  
Response: 342221  
Conc: 86.00 ng/ml



#36 AR-1262-1

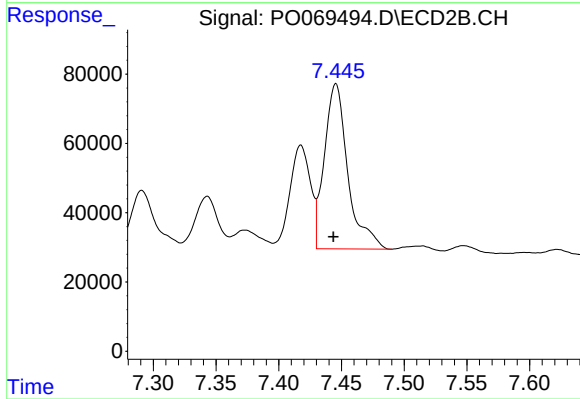
R.T.: 6.894 min  
Delta R.T.: 0.003 min  
Response: 1965304  
Conc: 1017.77 ng/ml



#37 AR-1262-2

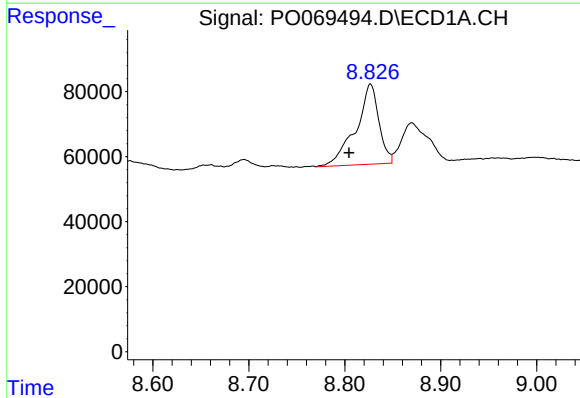
R.T.: 8.536 min  
Delta R.T.: 0.000 min  
Response: 698248  
Conc: 96.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



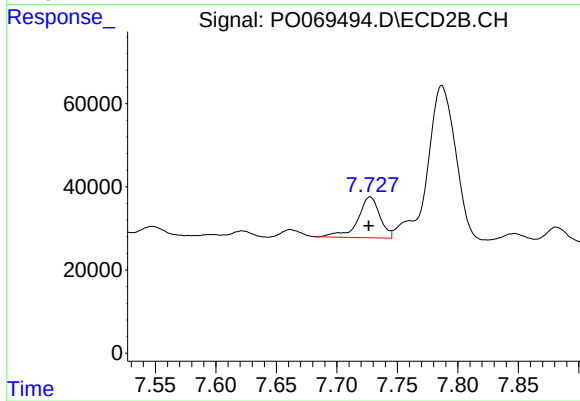
#37 AR-1262-2

R.T.: 7.446 min  
Delta R.T.: 0.002 min  
Response: 622627  
Conc: 95.36 ng/ml



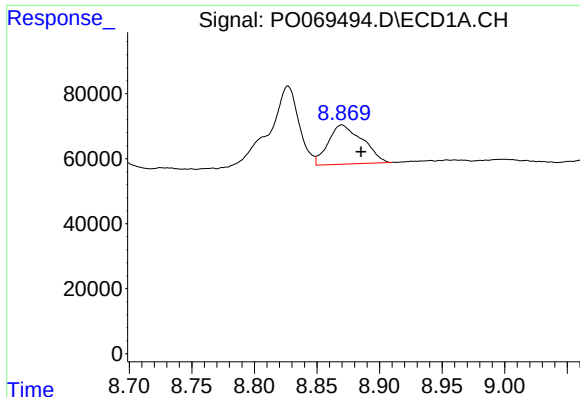
#38 AR-1262-3

R.T.: 8.827 min  
Delta R.T.: 0.022 min  
Response: 414102  
Conc: 86.48 ng/ml



#38 AR-1262-3

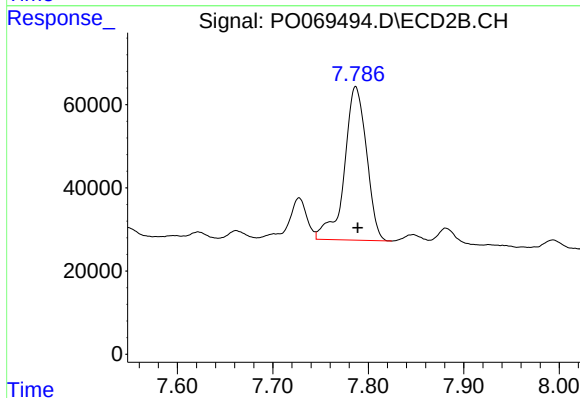
R.T.: 7.728 min  
Delta R.T.: 0.001 min  
Response: 124819  
Conc: 46.31 ng/ml



#39 AR-1262-4

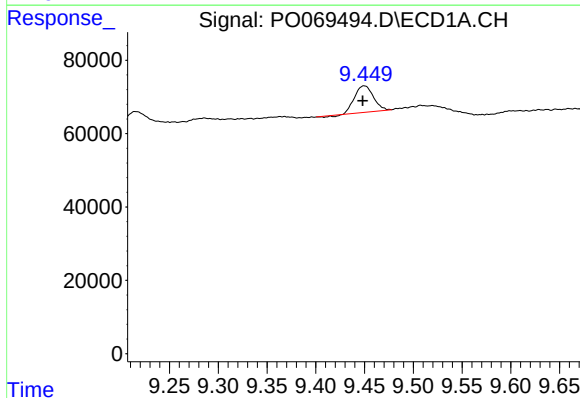
R.T.: 8.870 min  
Delta R.T.: -0.015 min  
Response: 231052  
Conc: 119.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



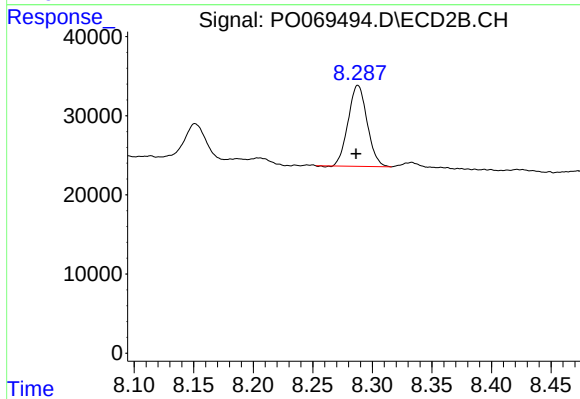
#39 AR-1262-4

R.T.: 7.787 min  
Delta R.T.: -0.002 min  
Response: 593453  
Conc: 119.19 ng/ml



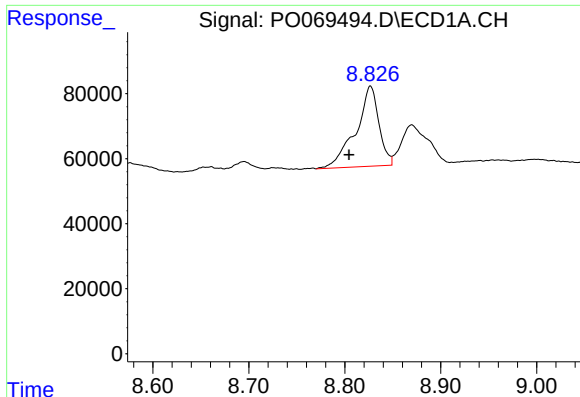
#40 AR-1262-5

R.T.: 9.450 min  
Delta R.T.: 0.002 min  
Response: 95171  
Conc: 36.49 ng/ml



#40 AR-1262-5

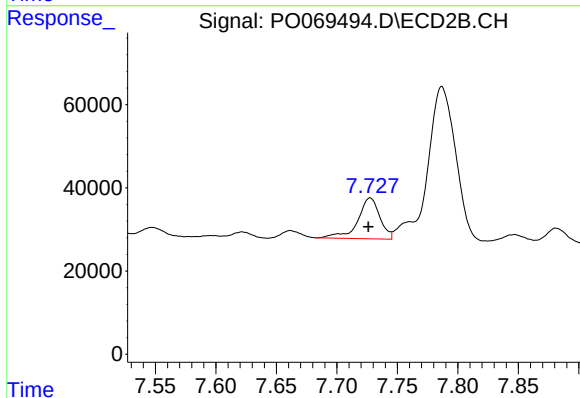
R.T.: 8.288 min  
Delta R.T.: 0.002 min  
Response: 113911  
Conc: 45.84 ng/ml



#41 AR-1268-1

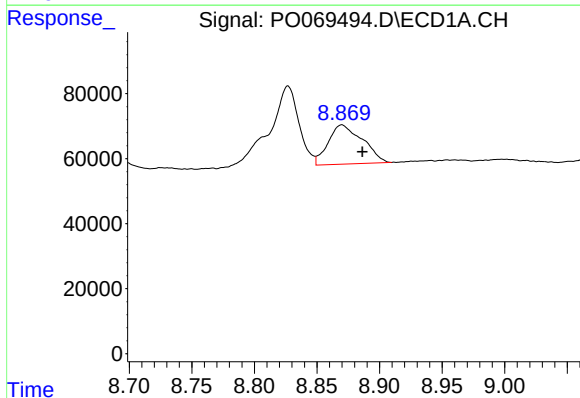
R.T.: 8.827 min  
Delta R.T.: 0.022 min  
Response: 414102  
Conc: 45.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



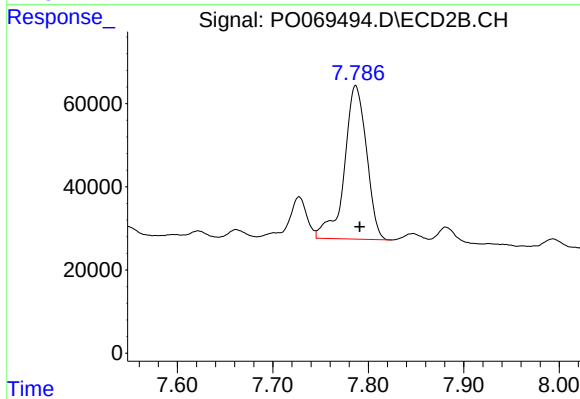
#41 AR-1268-1

R.T.: 7.728 min  
Delta R.T.: 0.001 min  
Response: 124819  
Conc: 15.95 ng/ml



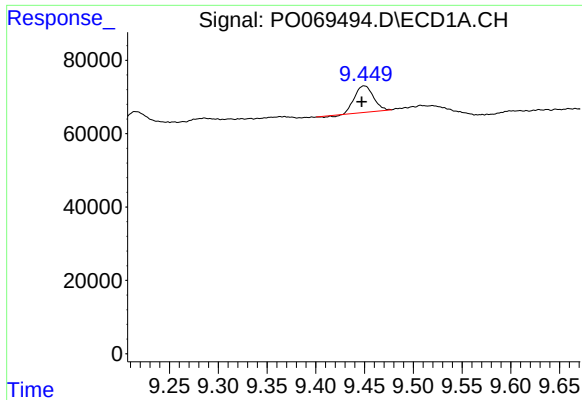
#42 AR-1268-2

R.T.: 8.870 min  
Delta R.T.: -0.016 min  
Response: 231052  
Conc: 27.88 ng/ml



#42 AR-1268-2

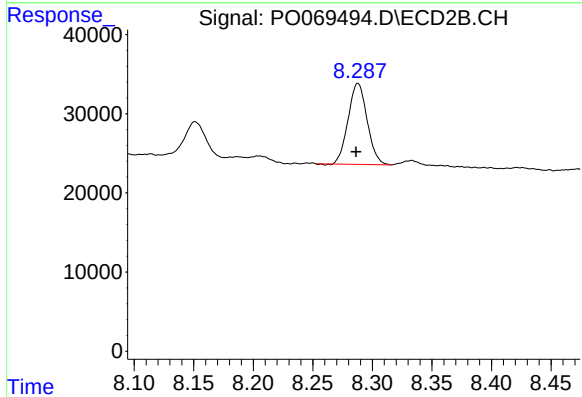
R.T.: 7.787 min  
Delta R.T.: -0.004 min  
Response: 593453  
Conc: 83.08 ng/ml



#44 AR-1268-4

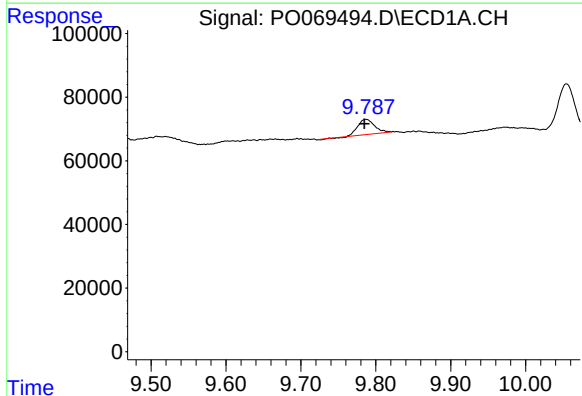
R.T.: 9.450 min  
Delta R.T.: 0.003 min  
Response: 95171  
Conc: 31.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



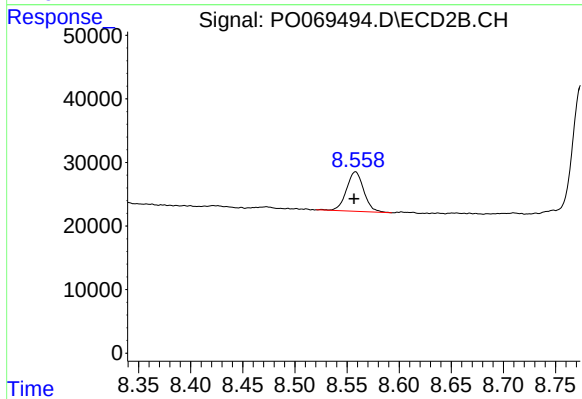
#44 AR-1268-4

R.T.: 8.288 min  
Delta R.T.: 0.002 min  
Response: 113911  
Conc: 39.39 ng/ml



#45 AR-1268-5

R.T.: 9.787 min  
Delta R.T.: 0.002 min  
Response: 72043  
Conc: 3.24 ng/ml



#45 AR-1268-5

R.T.: 8.558 min  
Delta R.T.: 0.001 min  
Response: 71710  
Conc: 3.72 ng/ml