

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0052721\  
 Data File : P0078195.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 May 2021 9:24  
 Operator : DD\AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 27 12:37:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0051821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed May 19 06:28:32 2021  
 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... | 4.344 | 3.621  | 3523473 | 1480546 | 47.674   | 48.998   |
| 2)                          | SA Decachlor... | 9.958 | 8.811  | 2259020 | 1280004 | 45.691   | 44.020   |
| Target Compounds            |                 |       |        |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 5.640 | 4.850  | 877995  | 414792  | 360.430  | 379.904  |
| 4)                          | L1 AR-1016-2    | 5.662 | 4.869  | 1295256 | 581506  | 363.294  | 374.052  |
| 5)                          | L1 AR-1016-3    | 5.726 | 5.056  | 795416  | 307700  | 358.954  | 375.922  |
| 6)                          | L1 AR-1016-4    | 5.831 | 5.109  | 628458  | 259287  | 360.041  | 364.514  |
| 7)                          | L1 AR-1016-5    | 6.142 | 5.333  | 651418  | 339900  | 376.552  | 385.558  |
| 8)                          | L2 AR-1221-1    | 4.592 | 3.872  | 88216   | 36842   | 107.179  | 96.442   |
| 9)                          | L2 AR-1221-2    | 4.689 | 3.969  | 124796  | 62085   | 203.065  | 225.382  |
| 10)                         | L2 AR-1221-3    | 4.775 | 4.055  | 500938  | 225606  | 251.173  | 252.968  |
| 11)                         | L3 AR-1232-1    | 4.775 | 4.055  | 500938  | 225606  | 327.493  | 324.551  |
| 12)                         | L3 AR-1232-2    | 5.349 | 4.869  | 704558  | 581506  | 893.790  | 874.118  |
| 13)                         | L3 AR-1232-3    | 5.662 | 5.056  | 1295256 | 307700  | 892.063  | 905.450  |
| 14)                         | L3 AR-1232-4    | 5.831 | 5.152  | 628458  | 314746  | 875.176  | 993.557  |
| 15)                         | L3 AR-1232-5    | 5.930 | 5.333  | 506735  | 339900  | 1032.057 | 976.890  |
| 16)                         | L4 AR-1242-1    | 5.640 | 4.850  | 877995  | 414792  | 477.917  | 482.928  |
| 17)                         | L4 AR-1242-2    | 5.662 | 4.869  | 1295256 | 581506  | 479.481  | 480.611  |
| 18)                         | L4 AR-1242-3    | 5.726 | 5.056  | 795416  | 307700  | 456.999  | 477.601  |
| 19)                         | L4 AR-1242-4    | 5.831 | 5.152  | 628458  | 314746  | 449.536  | 465.565  |
| 20)                         | L4 AR-1242-5    | 6.601 | 5.707  | 645434  | 400040  | 482.340  | 487.850  |
| 21)                         | L5 AR-1248-1    | 5.640 | 4.850  | 877995  | 414792  | 616.179  | 643.644  |
| 22)                         | L5 AR-1248-2    | 5.930 | 5.109  | 506735  | 259287  | 266.913  | 271.236  |
| 23)                         | L5 AR-1248-3    | 6.142 | 5.152  | 651418  | 314746  | 293.690  | 327.438  |
| 24)                         | L5 AR-1248-4    | 6.564 | 5.333  | 631552  | 339900  | 271.327  | 296.788  |
| 25)                         | L5 AR-1248-5    | 6.601 | 5.748  | 645434  | 319569  | 285.265  | 304.977  |
| 26)                         | L6 AR-1254-1    | 6.533 | 5.707  | 501864  | 400040  | 202.202  | 231.962  |
| 27)                         | L6 AR-1254-2    | 6.763 | 5.864  | 591067  | 121022  | 152.316  | 75.499 # |
| 28)                         | L6 AR-1254-3    | 7.136 | 6.277  | 251343  | 154309  | 64.064   | 64.652   |
| 29)                         | L6 AR-1254-4    | 7.430 | 6.514  | 176629  | 93785   | 65.040   | 64.596   |
| 30)                         | L6 AR-1254-5    | 7.853 | 6.938  | 66006   | 56195   | 22.570   | 24.724   |
| 31)                         | L7 AR-1260-1    | 7.302 | 6.419  | 35777   | 84159   | 12.749   | 52.525 # |
| 32)                         | L7 AR-1260-2    | 7.565 | 6.609  | 54684   | 19259   | 16.255   | 9.976 #  |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.757  | 0       | 33234   | N.D.     | 18.115 # |
| 34)                         | L7 AR-1260-4    | 8.143 | 7.272f | 29969   | 14678   | 11.188   | 9.737    |
| 35)                         | L7 AR-1260-5    | 8.468 | 0.000  | 32589   | 0       | 6.345    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.938  | 0       | 56195   | N.D.     | 47.891 # |
| 37)                         | L8 AR-1262-2    | 8.468 | 0.000  | 32589   | 0       | 5.414    | N.D. #   |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.595  | 0       | 9784    | N.D.     | 0.929 #  |
| -----                       |                 |       |        |         |         |          |          |

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

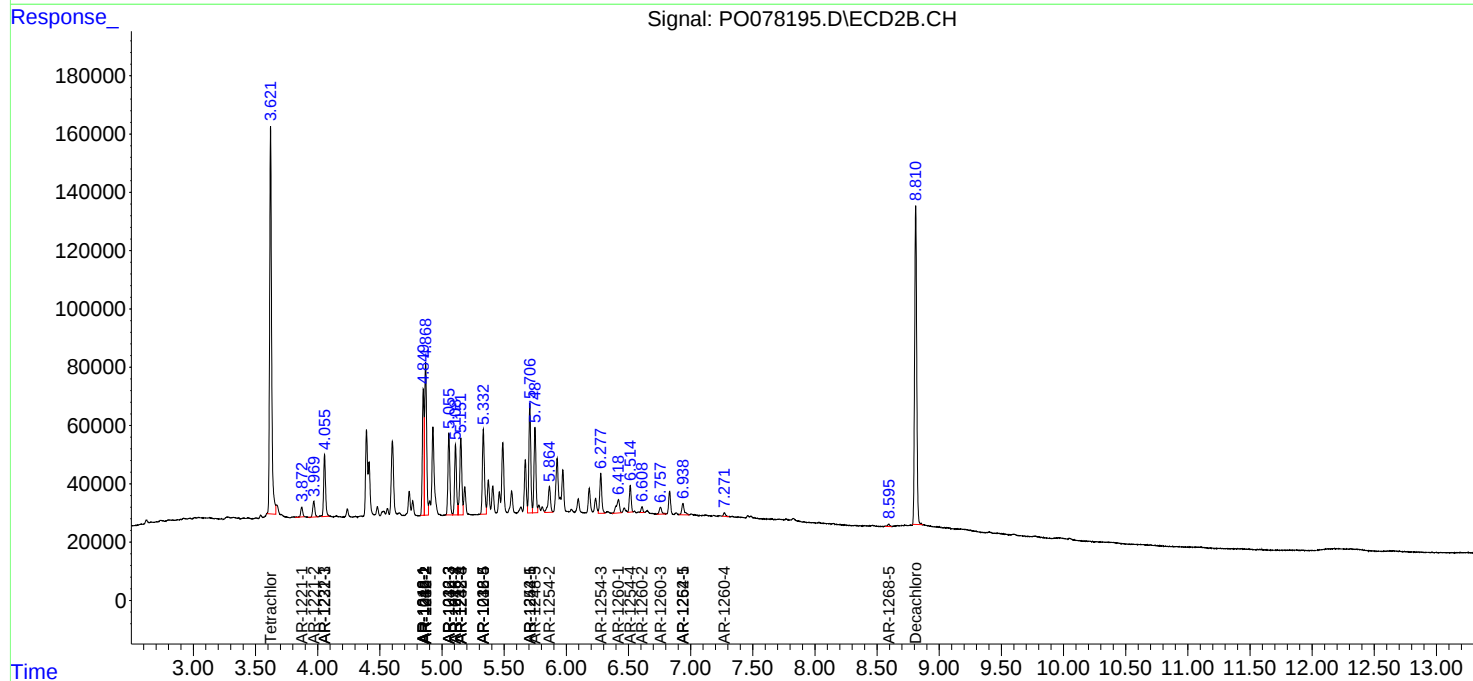
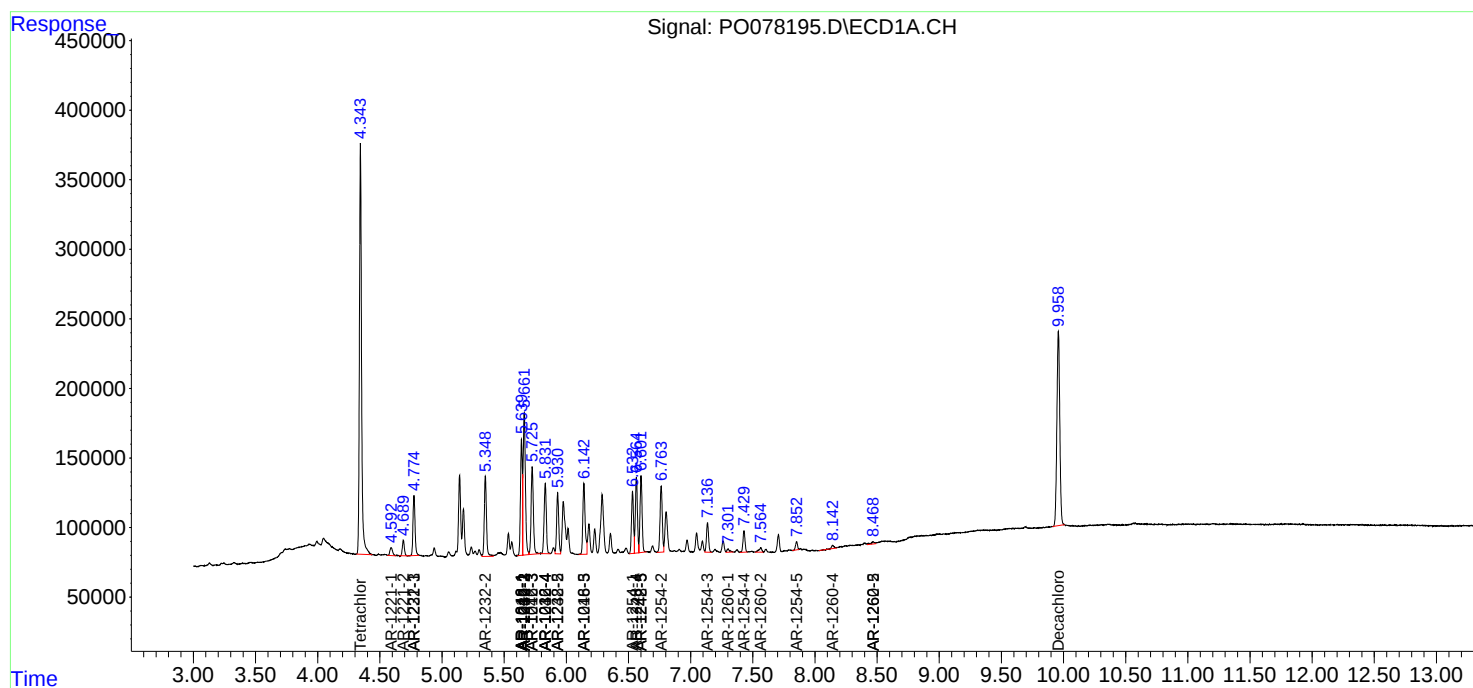
Instrument :  
ECD\_O  
ClientSampleId :

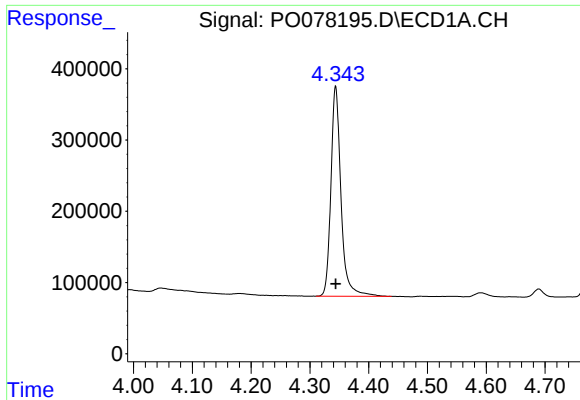
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0052721\  
Data File : P0078195.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 May 2021 9:24  
Operator : DD\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 27 12:37:52 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0051821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed May 19 06:28:32 2021  
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

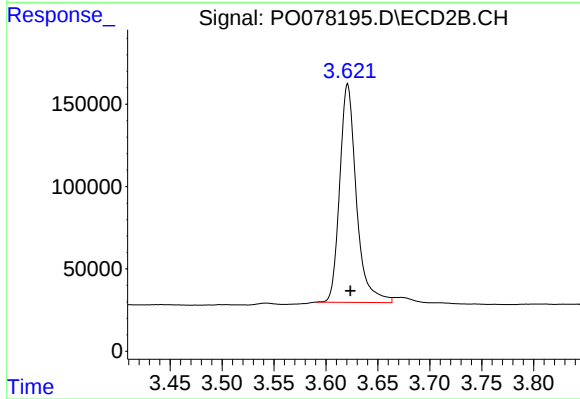




#1 Tetrachloro-m-xylene

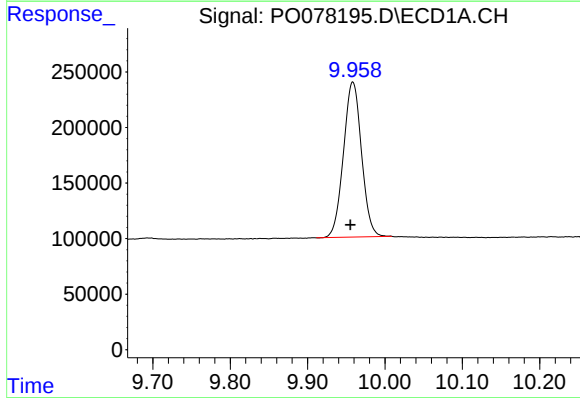
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 3523473  
Conc: 47.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



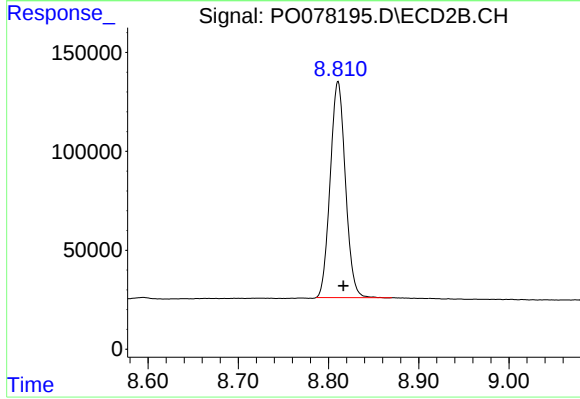
#1 Tetrachloro-m-xylene

R.T.: 3.621 min  
Delta R.T.: -0.003 min  
Response: 1480546  
Conc: 49.00 ng/ml



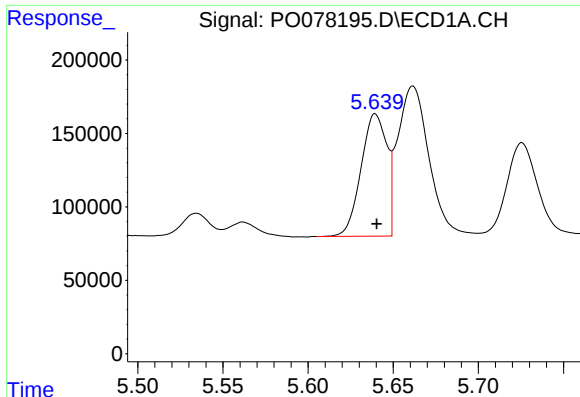
#2 Decachlorobiphenyl

R.T.: 9.958 min  
Delta R.T.: 0.003 min  
Response: 2259020  
Conc: 45.69 ng/ml



#2 Decachlorobiphenyl

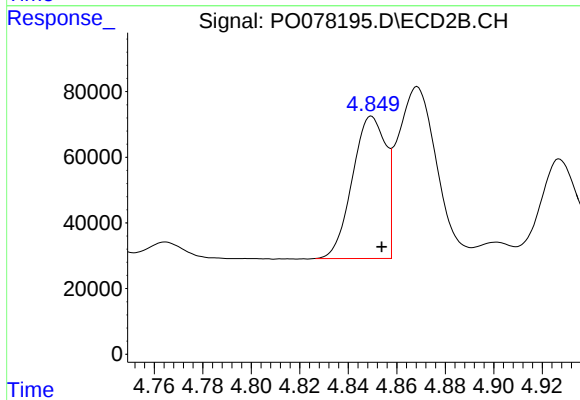
R.T.: 8.811 min  
Delta R.T.: -0.006 min  
Response: 1280004  
Conc: 44.02 ng/ml



#3 AR-1016-1

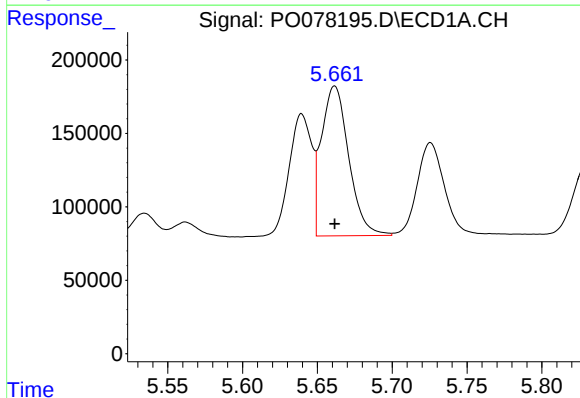
R.T.: 5.640 min  
Delta R.T.: 0.000 min  
Response: 877995  
Conc: 360.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



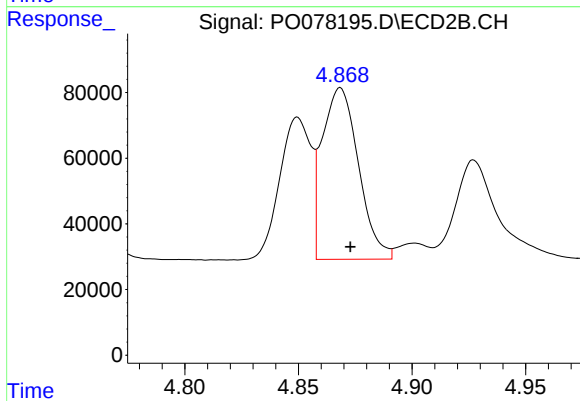
#3 AR-1016-1

R.T.: 4.850 min  
Delta R.T.: -0.004 min  
Response: 414792  
Conc: 379.90 ng/ml



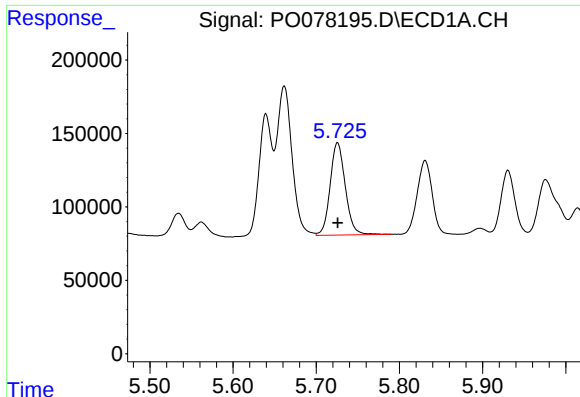
#4 AR-1016-2

R.T.: 5.662 min  
Delta R.T.: 0.000 min  
Response: 1295256  
Conc: 363.29 ng/ml



#4 AR-1016-2

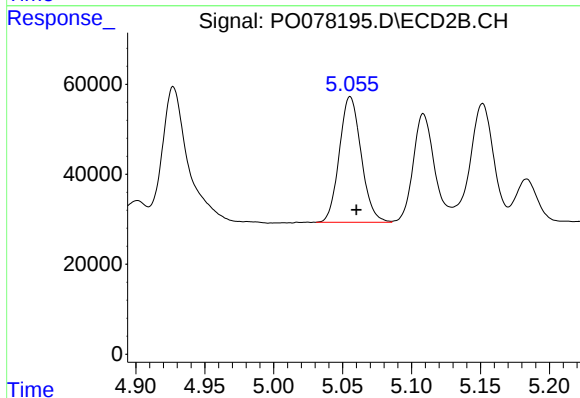
R.T.: 4.869 min  
Delta R.T.: -0.004 min  
Response: 581506  
Conc: 374.05 ng/ml



#5 AR-1016-3

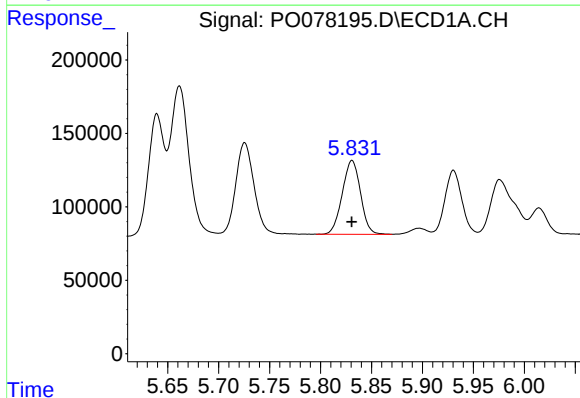
R.T.: 5.726 min  
Delta R.T.: 0.000 min  
Response: 795416  
Conc: 358.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



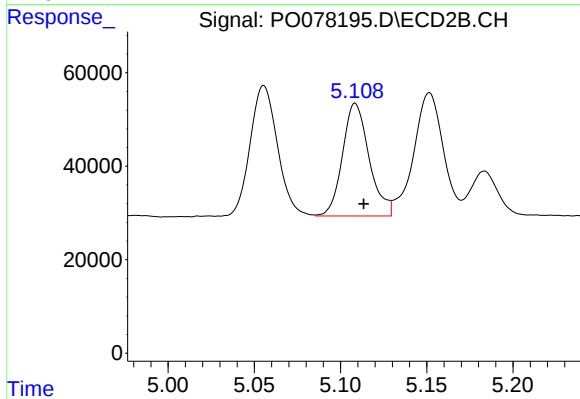
#5 AR-1016-3

R.T.: 5.056 min  
Delta R.T.: -0.005 min  
Response: 307700  
Conc: 375.92 ng/ml



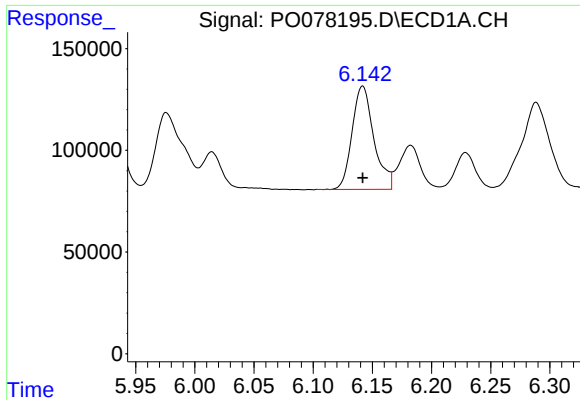
#6 AR-1016-4

R.T.: 5.831 min  
Delta R.T.: 0.000 min  
Response: 628458  
Conc: 360.04 ng/ml



#6 AR-1016-4

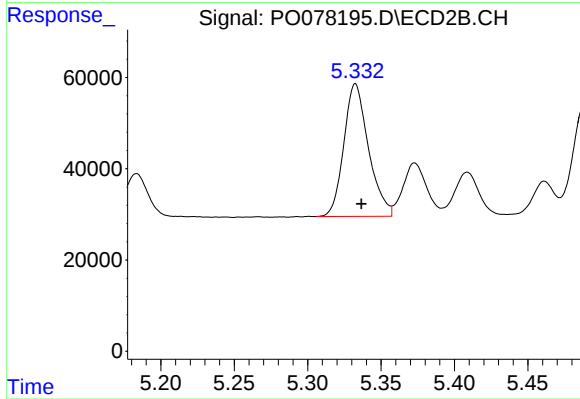
R.T.: 5.109 min  
Delta R.T.: -0.005 min  
Response: 259287  
Conc: 364.51 ng/ml



#7 AR-1016-5

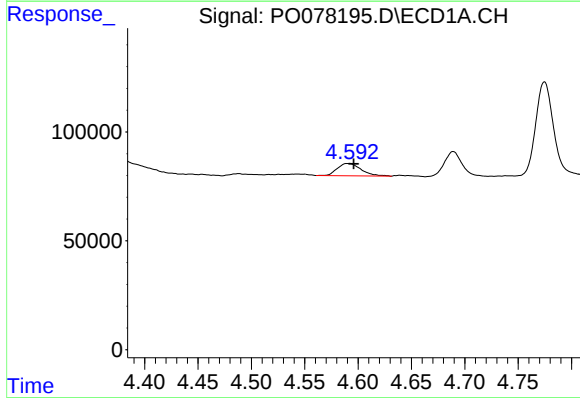
R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 651418  
Conc: 376.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



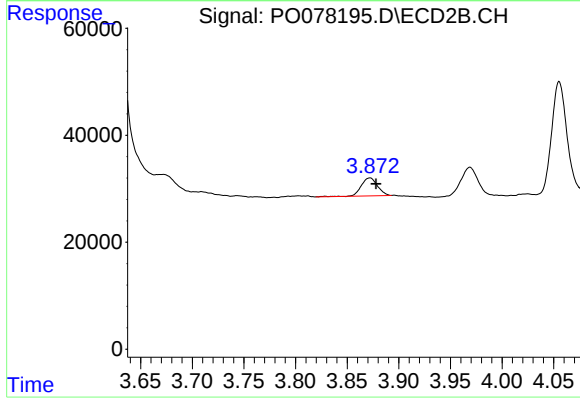
#7 AR-1016-5

R.T.: 5.333 min  
Delta R.T.: -0.004 min  
Response: 339900  
Conc: 385.56 ng/ml



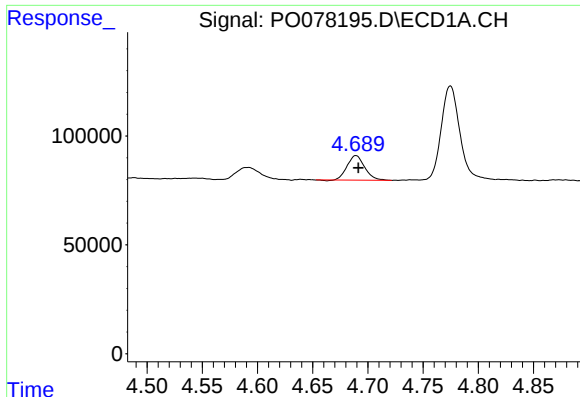
#8 AR-1221-1

R.T.: 4.592 min  
Delta R.T.: -0.004 min  
Response: 88216  
Conc: 107.18 ng/ml



#8 AR-1221-1

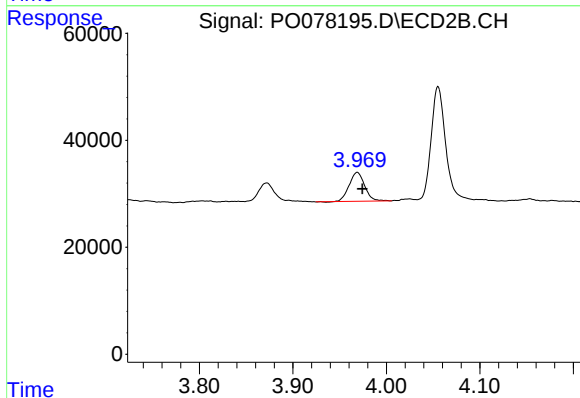
R.T.: 3.872 min  
Delta R.T.: -0.006 min  
Response: 36842  
Conc: 96.44 ng/ml



#9 AR-1221-2

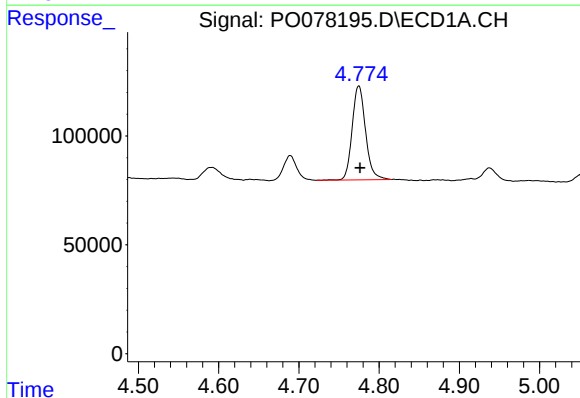
R.T.: 4.689 min  
Delta R.T.: -0.002 min  
Response: 124796  
Conc: 203.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



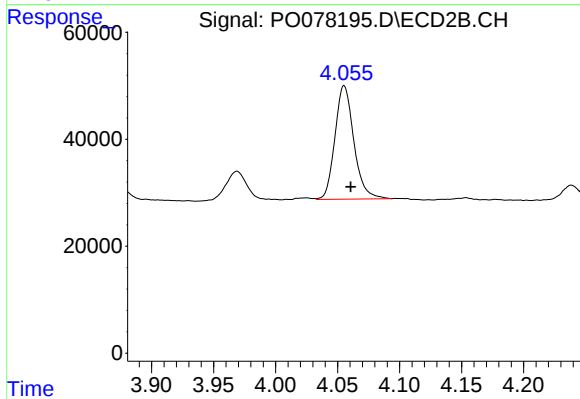
#9 AR-1221-2

R.T.: 3.969 min  
Delta R.T.: -0.006 min  
Response: 62085  
Conc: 225.38 ng/ml



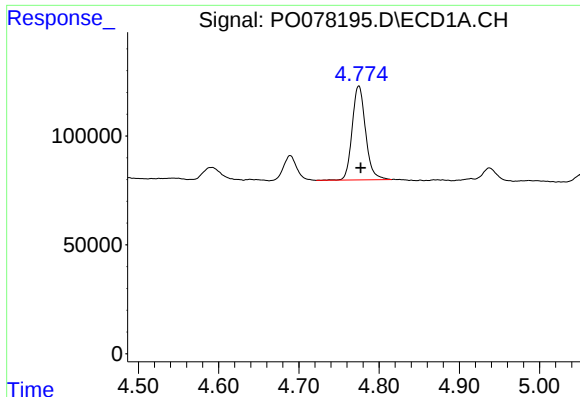
#10 AR-1221-3

R.T.: 4.775 min  
Delta R.T.: -0.001 min  
Response: 500938  
Conc: 251.17 ng/ml



#10 AR-1221-3

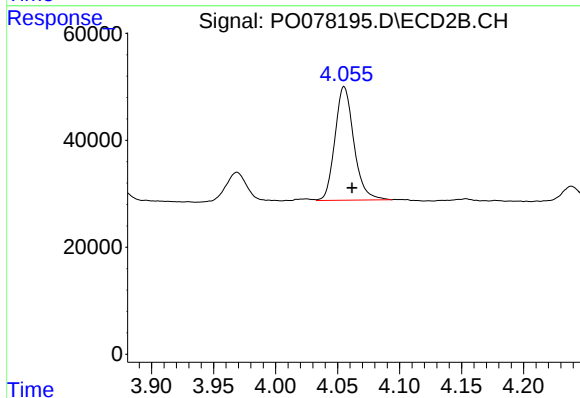
R.T.: 4.055 min  
Delta R.T.: -0.005 min  
Response: 225606  
Conc: 252.97 ng/ml



#11 AR-1232-1

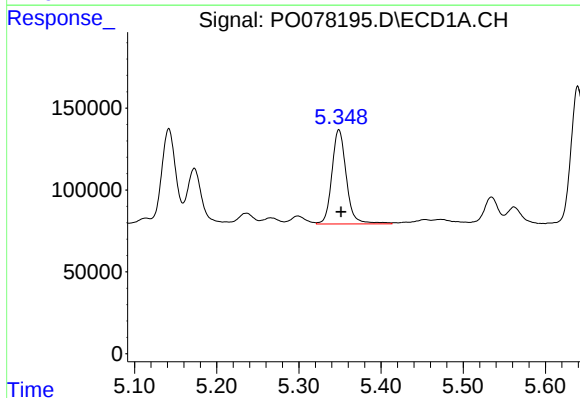
R.T.: 4.775 min  
Delta R.T.: -0.002 min  
Response: 500938  
Conc: 327.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



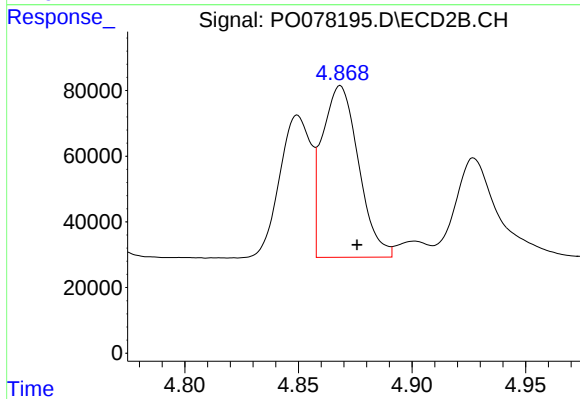
#11 AR-1232-1

R.T.: 4.055 min  
Delta R.T.: -0.006 min  
Response: 225606  
Conc: 324.55 ng/ml



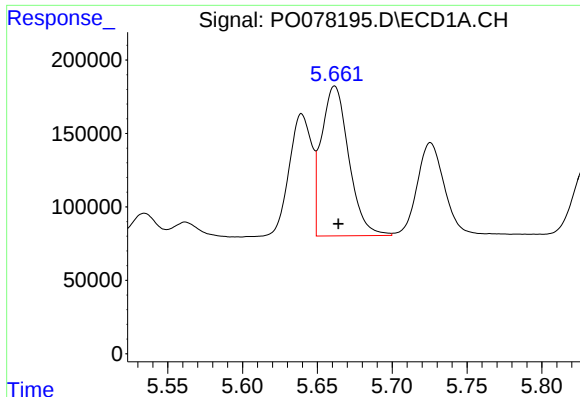
#12 AR-1232-2

R.T.: 5.349 min  
Delta R.T.: -0.003 min  
Response: 704558  
Conc: 893.79 ng/ml



#12 AR-1232-2

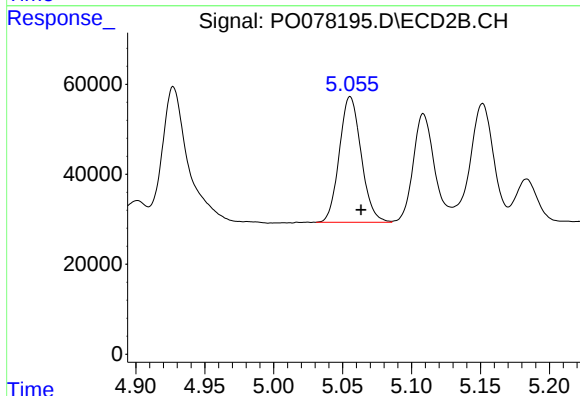
R.T.: 4.869 min  
Delta R.T.: -0.007 min  
Response: 581506  
Conc: 874.12 ng/ml



#13 AR-1232-3

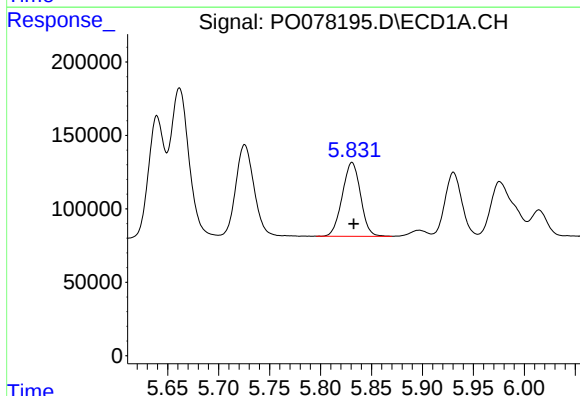
R.T.: 5.662 min  
Delta R.T.: -0.002 min  
Response: 1295256  
Conc: 892.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



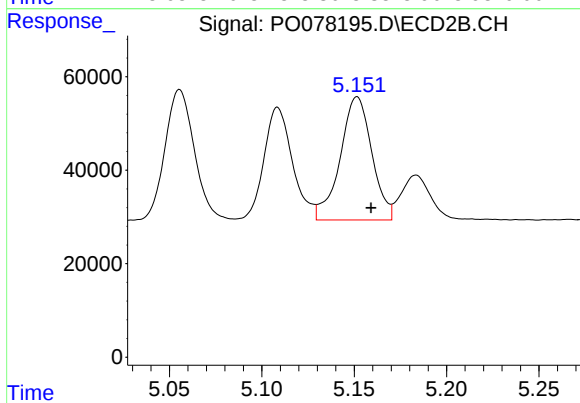
#13 AR-1232-3

R.T.: 5.056 min  
Delta R.T.: -0.008 min  
Response: 307700  
Conc: 905.45 ng/ml



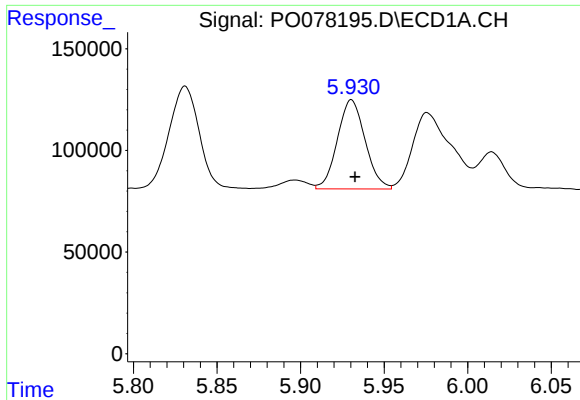
#14 AR-1232-4

R.T.: 5.831 min  
Delta R.T.: -0.002 min  
Response: 628458  
Conc: 875.18 ng/ml



#14 AR-1232-4

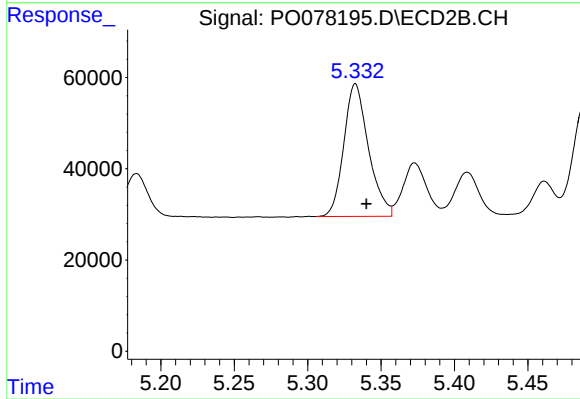
R.T.: 5.152 min  
Delta R.T.: -0.008 min  
Response: 314746  
Conc: 993.56 ng/ml



#15 AR-1232-5

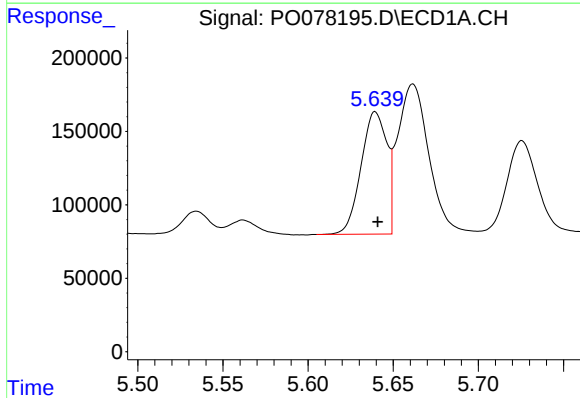
R.T.: 5.930 min  
Delta R.T.: -0.002 min  
Response: 506735  
Conc: 1032.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



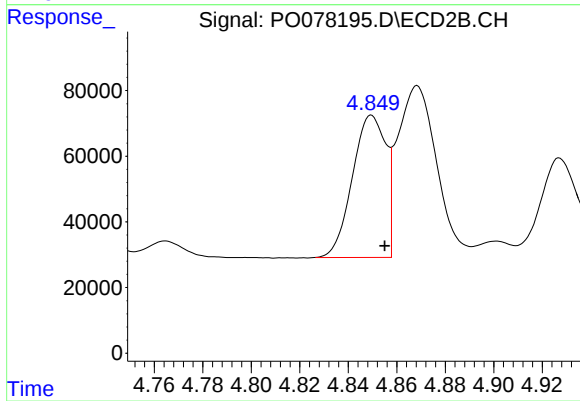
#15 AR-1232-5

R.T.: 5.333 min  
Delta R.T.: -0.008 min  
Response: 339900  
Conc: 976.89 ng/ml



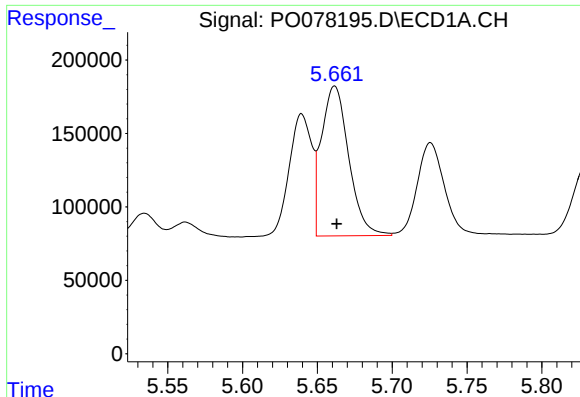
#16 AR-1242-1

R.T.: 5.640 min  
Delta R.T.: -0.001 min  
Response: 877995  
Conc: 477.92 ng/ml



#16 AR-1242-1

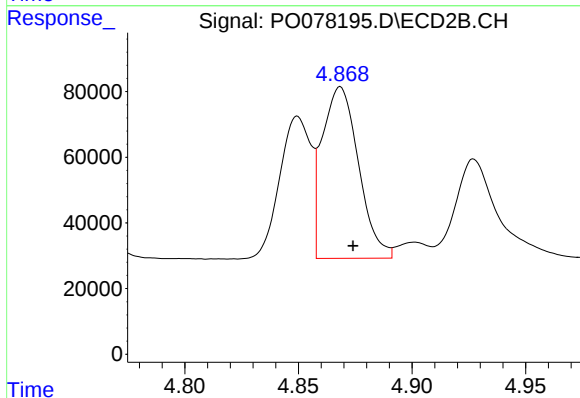
R.T.: 4.850 min  
Delta R.T.: -0.005 min  
Response: 414792  
Conc: 482.93 ng/ml



#17 AR-1242-2

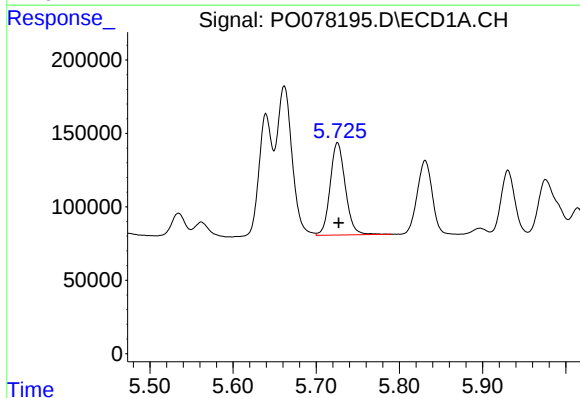
R.T.: 5.662 min  
Delta R.T.: -0.001 min  
Response: 1295256  
Conc: 479.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



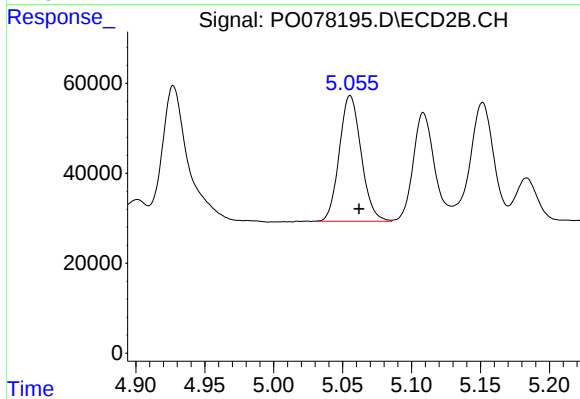
#17 AR-1242-2

R.T.: 4.869 min  
Delta R.T.: -0.006 min  
Response: 581506  
Conc: 480.61 ng/ml



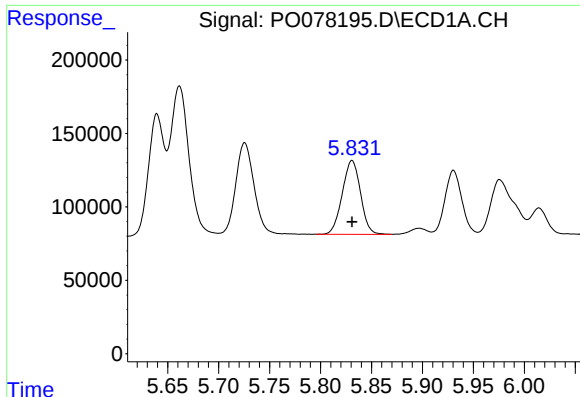
#18 AR-1242-3

R.T.: 5.726 min  
Delta R.T.: -0.001 min  
Response: 795416  
Conc: 457.00 ng/ml



#18 AR-1242-3

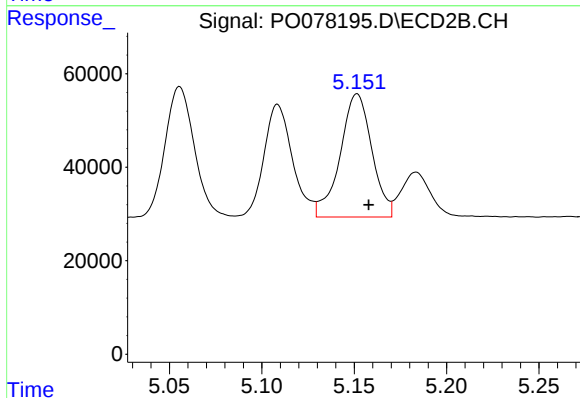
R.T.: 5.056 min  
Delta R.T.: -0.006 min  
Response: 307700  
Conc: 477.60 ng/ml



#19 AR-1242-4

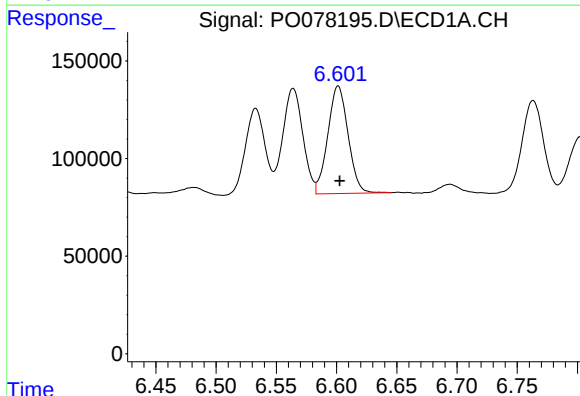
R.T.: 5.831 min  
Delta R.T.: 0.000 min  
Response: 628458  
Conc: 449.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



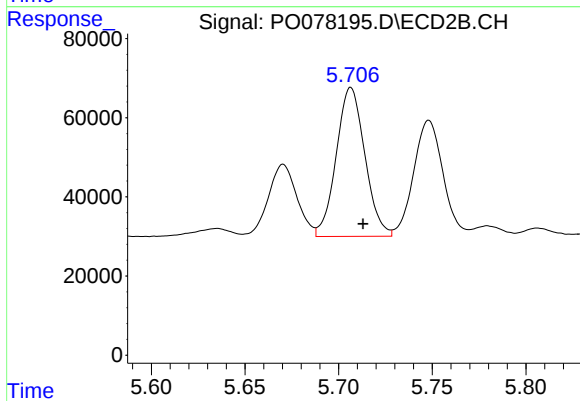
#19 AR-1242-4

R.T.: 5.152 min  
Delta R.T.: -0.006 min  
Response: 314746  
Conc: 465.56 ng/ml



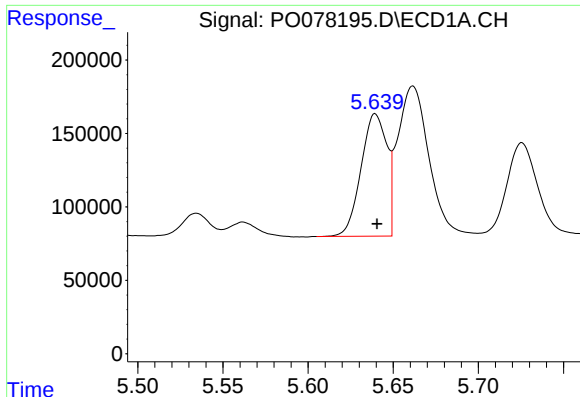
#20 AR-1242-5

R.T.: 6.601 min  
Delta R.T.: -0.001 min  
Response: 645434  
Conc: 482.34 ng/ml



#20 AR-1242-5

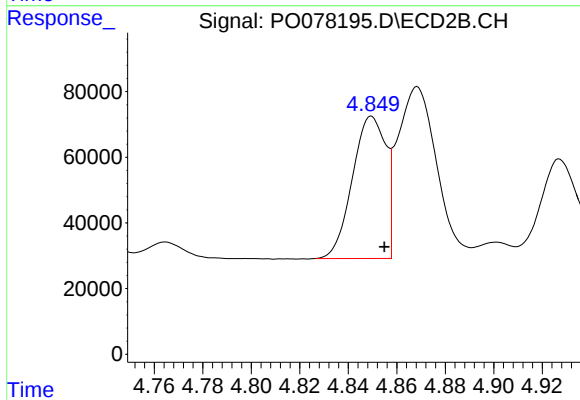
R.T.: 5.707 min  
Delta R.T.: -0.006 min  
Response: 400040  
Conc: 487.85 ng/ml



#21 AR-1248-1

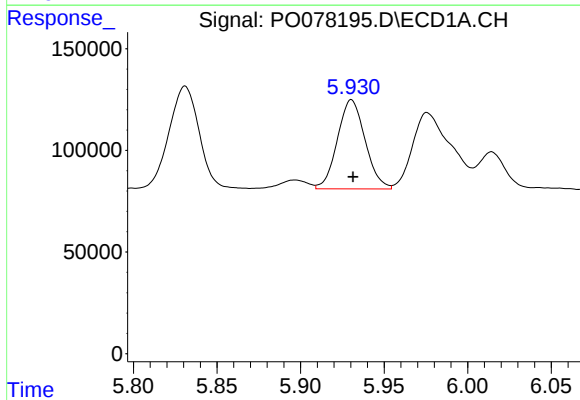
R.T.: 5.640 min  
Delta R.T.: -0.001 min  
Response: 877995  
Conc: 616.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



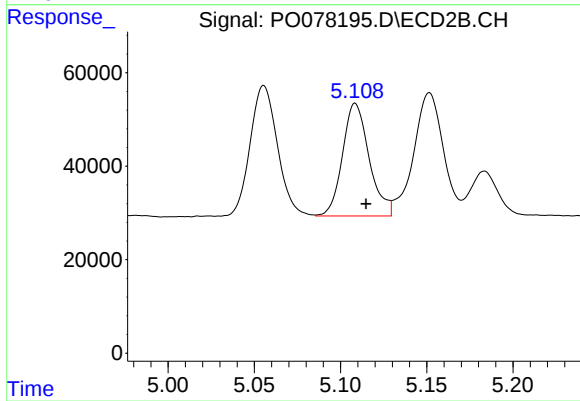
#21 AR-1248-1

R.T.: 4.850 min  
Delta R.T.: -0.005 min  
Response: 414792  
Conc: 643.64 ng/ml



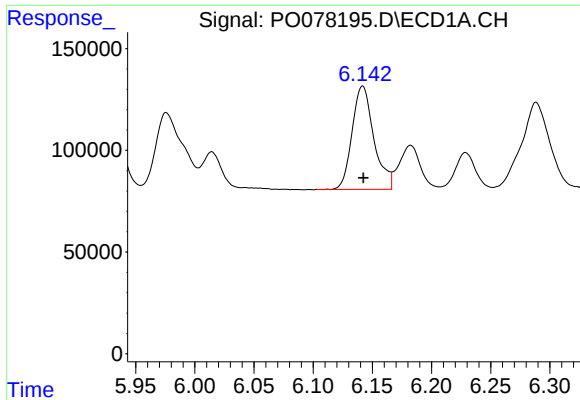
#22 AR-1248-2

R.T.: 5.930 min  
Delta R.T.: 0.000 min  
Response: 506735  
Conc: 266.91 ng/ml



#22 AR-1248-2

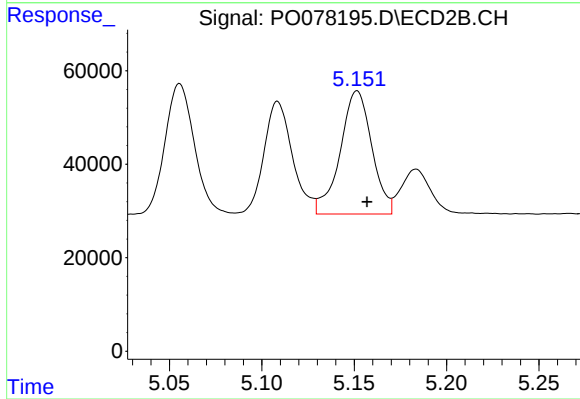
R.T.: 5.109 min  
Delta R.T.: -0.006 min  
Response: 259287  
Conc: 271.24 ng/ml



#23 AR-1248-3

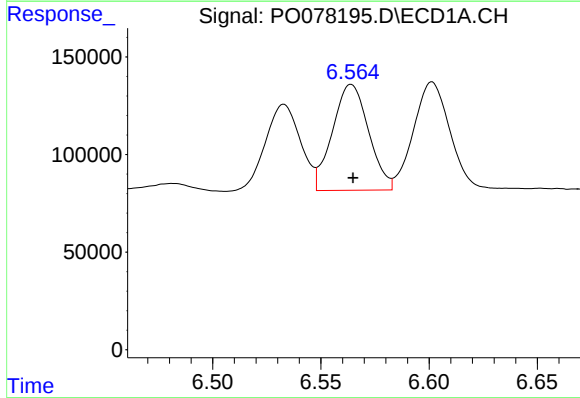
R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 651418  
Conc: 293.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



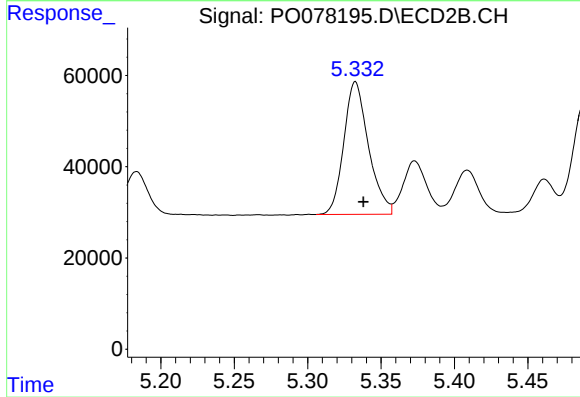
#23 AR-1248-3

R.T.: 5.152 min  
Delta R.T.: -0.005 min  
Response: 314746  
Conc: 327.44 ng/ml



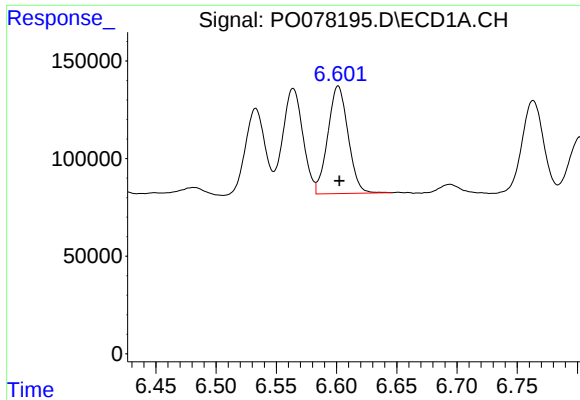
#24 AR-1248-4

R.T.: 6.564 min  
Delta R.T.: 0.000 min  
Response: 631552  
Conc: 271.33 ng/ml



#24 AR-1248-4

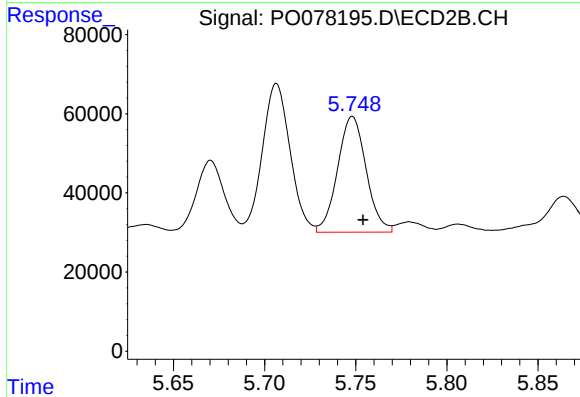
R.T.: 5.333 min  
Delta R.T.: -0.005 min  
Response: 339900  
Conc: 296.79 ng/ml



#25 AR-1248-5

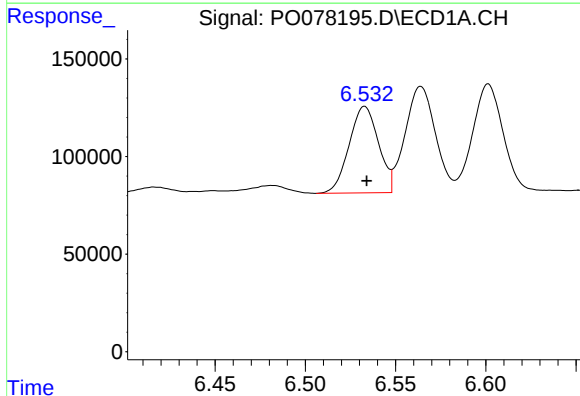
R.T.: 6.601 min  
Delta R.T.: 0.000 min  
Response: 645434  
Conc: 285.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



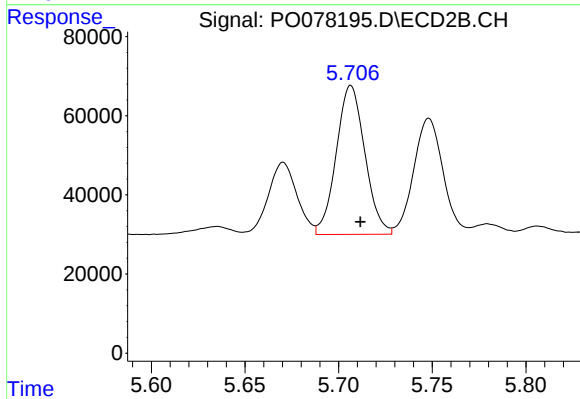
#25 AR-1248-5

R.T.: 5.748 min  
Delta R.T.: -0.006 min  
Response: 319569  
Conc: 304.98 ng/ml



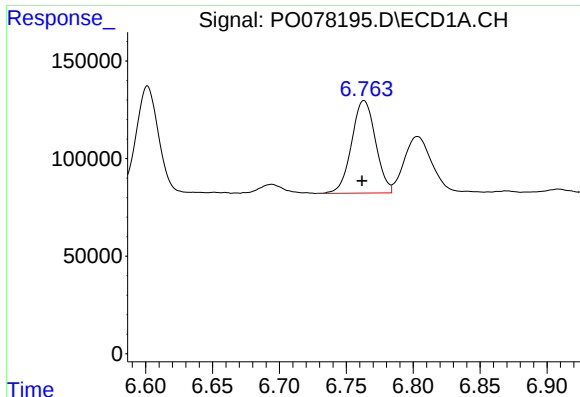
#26 AR-1254-1

R.T.: 6.533 min  
Delta R.T.: -0.001 min  
Response: 501864  
Conc: 202.20 ng/ml



#26 AR-1254-1

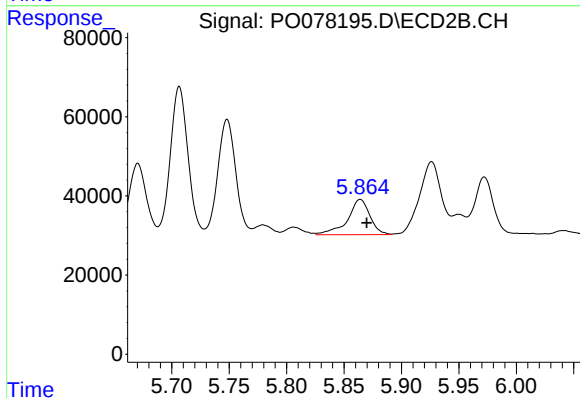
R.T.: 5.707 min  
Delta R.T.: -0.005 min  
Response: 400040  
Conc: 231.96 ng/ml



#27 AR-1254-2

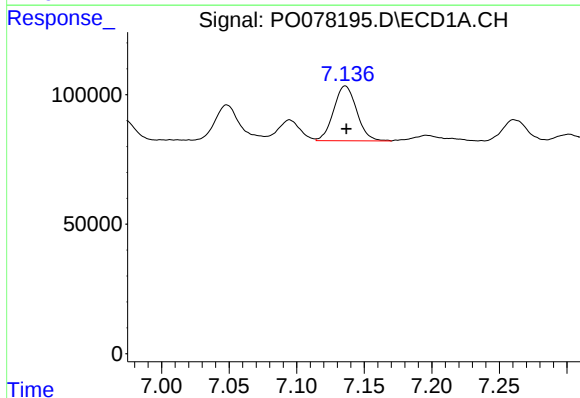
R.T.: 6.763 min  
Delta R.T.: 0.001 min  
Response: 591067  
Conc: 152.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



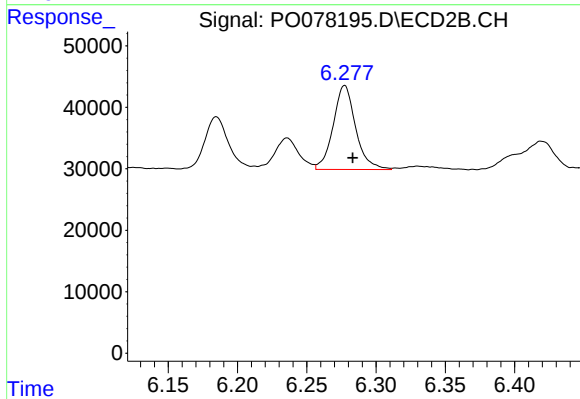
#27 AR-1254-2

R.T.: 5.864 min  
Delta R.T.: -0.005 min  
Response: 121022  
Conc: 75.50 ng/ml



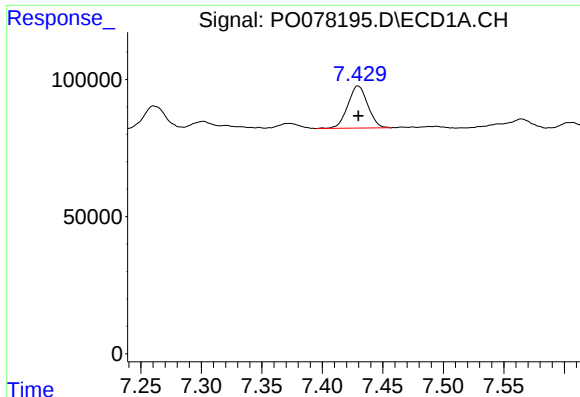
#28 AR-1254-3

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 251343  
Conc: 64.06 ng/ml



#28 AR-1254-3

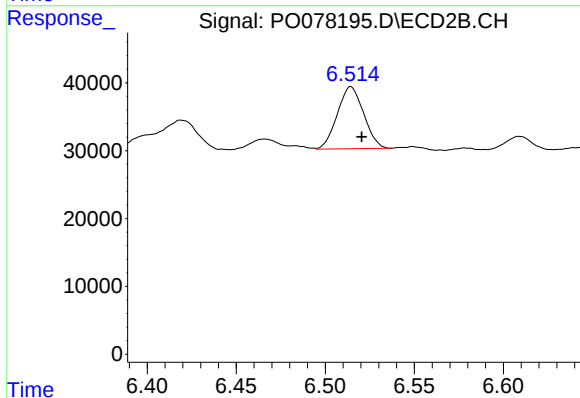
R.T.: 6.277 min  
Delta R.T.: -0.006 min  
Response: 154309  
Conc: 64.65 ng/ml



#29 AR-1254-4

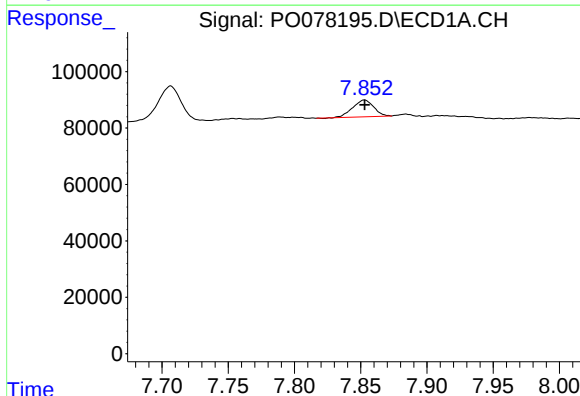
R.T.: 7.430 min  
Delta R.T.: 0.000 min  
Response: 176629  
Conc: 65.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



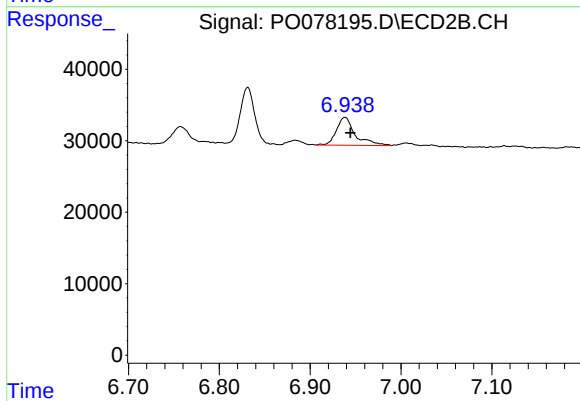
#29 AR-1254-4

R.T.: 6.514 min  
Delta R.T.: -0.006 min  
Response: 93785  
Conc: 64.60 ng/ml



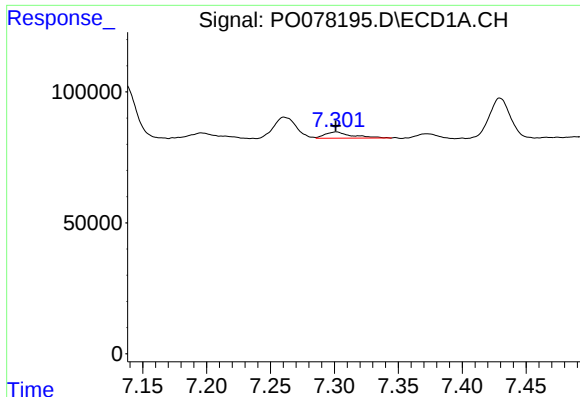
#30 AR-1254-5

R.T.: 7.853 min  
Delta R.T.: 0.000 min  
Response: 66006  
Conc: 22.57 ng/ml



#30 AR-1254-5

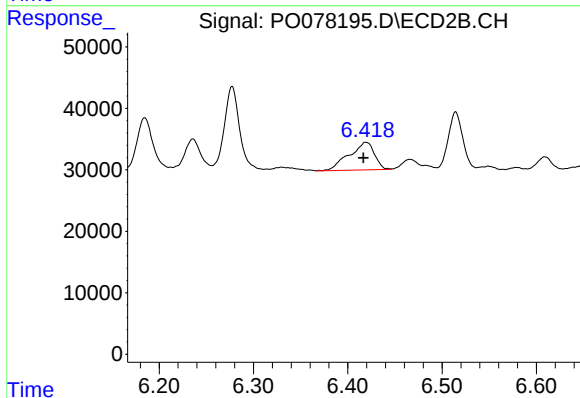
R.T.: 6.938 min  
Delta R.T.: -0.006 min  
Response: 56195  
Conc: 24.72 ng/ml



#31 AR-1260-1

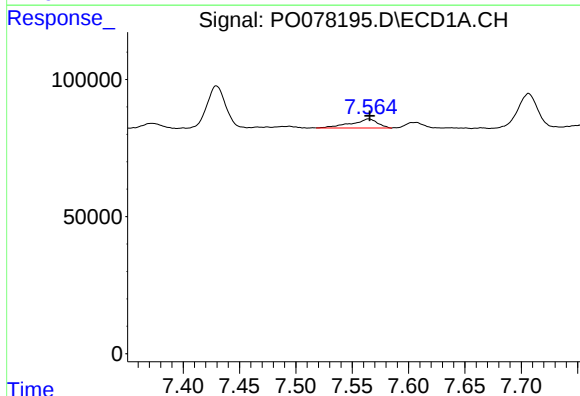
R.T.: 7.302 min  
Delta R.T.: 0.000 min  
Response: 35777  
Conc: 12.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



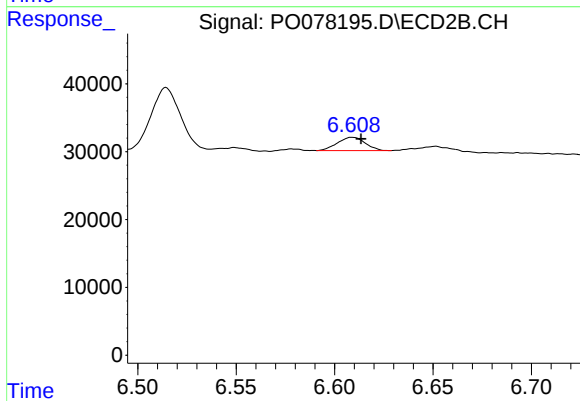
#31 AR-1260-1

R.T.: 6.419 min  
Delta R.T.: 0.003 min  
Response: 84159  
Conc: 52.52 ng/ml



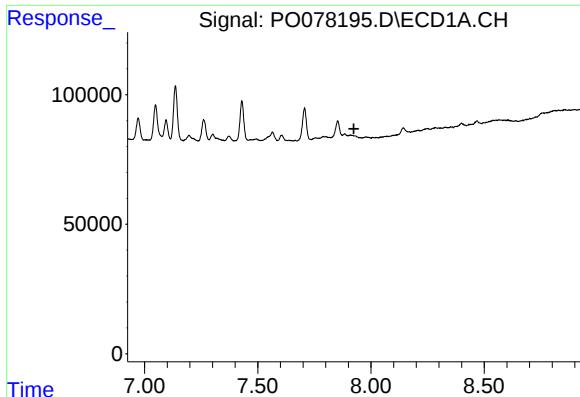
#32 AR-1260-2

R.T.: 7.565 min  
Delta R.T.: 0.000 min  
Response: 54684  
Conc: 16.26 ng/ml



#32 AR-1260-2

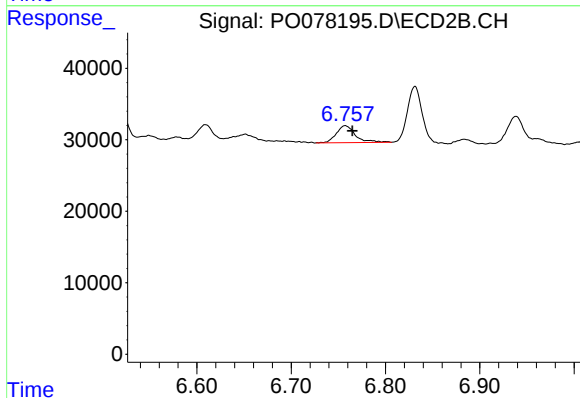
R.T.: 6.609 min  
Delta R.T.: -0.004 min  
Response: 19259  
Conc: 9.98 ng/ml



#33 AR-1260-3

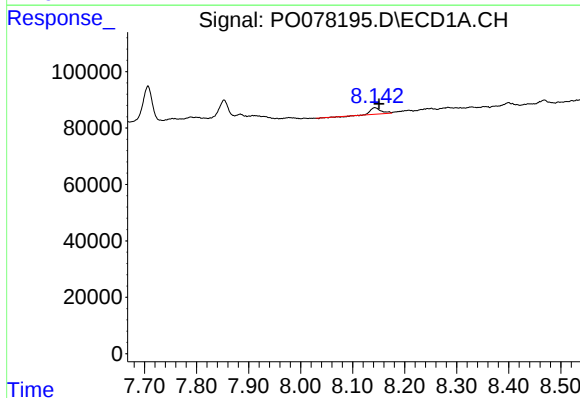
R.T.: 0.000 min  
Exp R.T.: 7.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



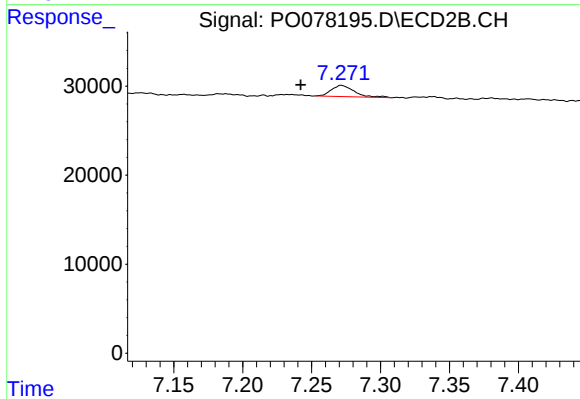
#33 AR-1260-3

R.T.: 6.757 min  
Delta R.T.: -0.007 min  
Response: 33234  
Conc: 18.11 ng/ml



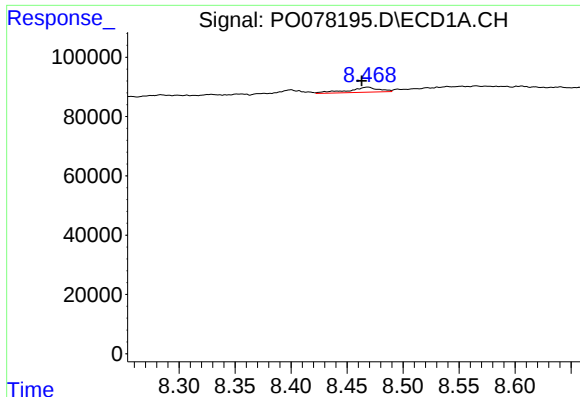
#34 AR-1260-4

R.T.: 8.143 min  
Delta R.T.: -0.008 min  
Response: 29969  
Conc: 11.19 ng/ml



#34 AR-1260-4

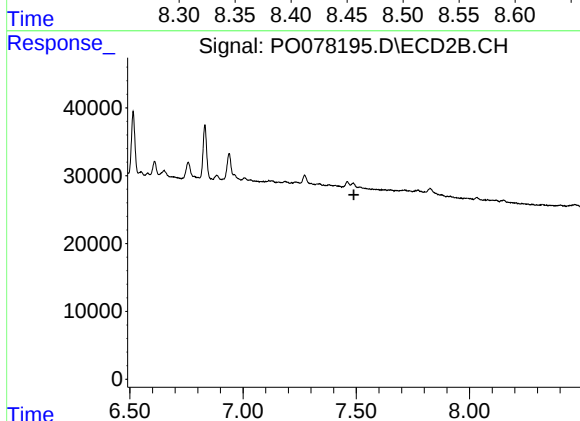
R.T.: 7.272 min  
Delta R.T.: 0.030 min  
Response: 14678  
Conc: 9.74 ng/ml



#35 AR-1260-5

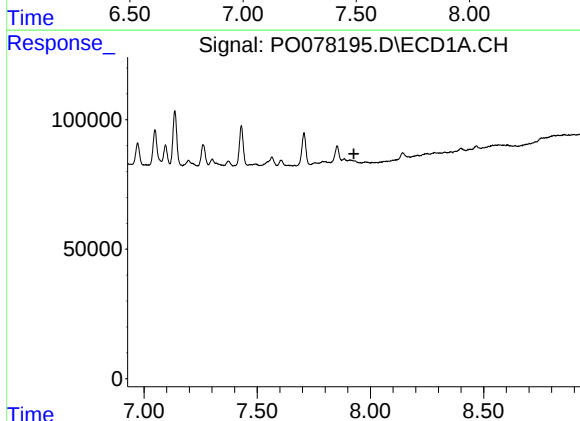
R.T.: 8.468 min  
Delta R.T.: 0.005 min  
Response: 32589  
Conc: 6.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



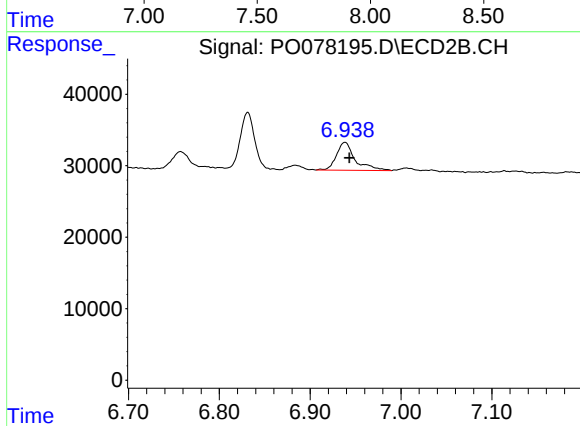
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.489 min  
Response: 0  
Conc: N.D.



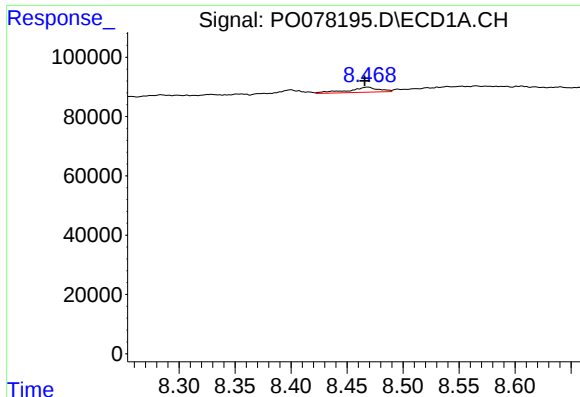
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.927 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

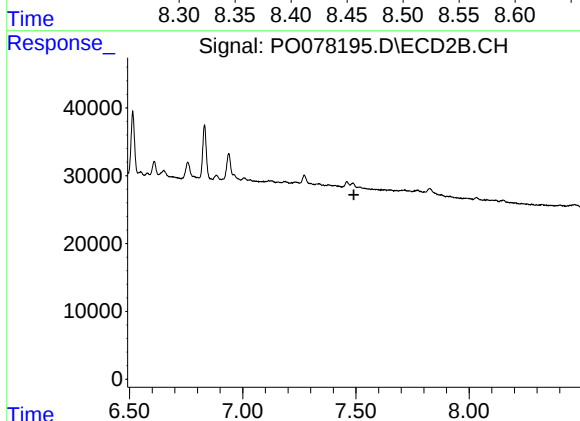
R.T.: 6.938 min  
Delta R.T.: -0.005 min  
Response: 56195  
Conc: 47.89 ng/ml



#37 AR-1262-2

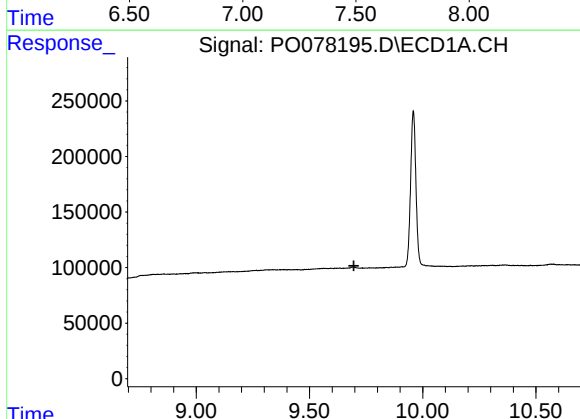
R.T.: 8.468 min  
Delta R.T.: 0.003 min  
Response: 32589  
Conc: 5.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



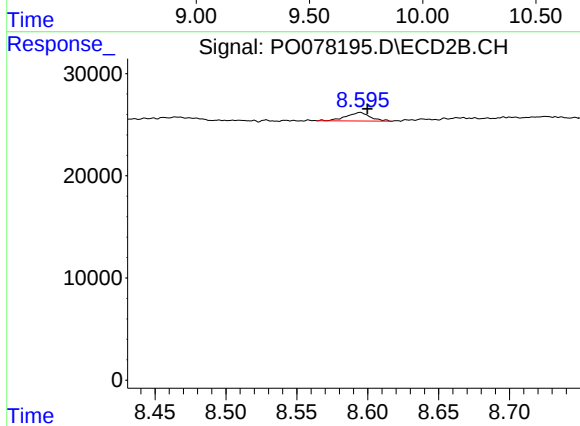
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.491 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.696 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.595 min  
Delta R.T.: -0.005 min  
Response: 9784  
Conc: 0.93 ng/ml