

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0071221\  
 Data File : P0079481.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Jul 2021 9:49  
 Operator : DD\AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 13 06:50:07 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0070821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jul 10 00:52:22 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... | 5.018  | 4.225 | 3677114 | 1399340 | 54.998   | 48.797   |
| 2)                          | SA Decachlor... | 11.141 | 9.675 | 2698809 | 1266433 | 53.063   | 47.853   |
| Target Compounds            |                 |        |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.347  | 5.506 | 965586  | 427291  | 407.843  | 357.579  |
| 4)                          | L1 AR-1016-2    | 6.372  | 5.527 | 1334457 | 571615  | 403.467  | 360.759  |
| 5)                          | L1 AR-1016-3    | 6.439  | 5.724 | 841213  | 311538  | 414.511  | 364.780  |
| 6)                          | L1 AR-1016-4    | 6.546  | 5.774 | 685188  | 252068  | 418.186  | 350.538  |
| 7)                          | L1 AR-1016-5    | 6.863  | 6.010 | 663796  | 337622  | 412.359  | 380.066  |
| 8)                          | L2 AR-1221-1    | 5.266  | 4.487 | 103868  | 46553   | 146.585  | 136.689  |
| 9)                          | L2 AR-1221-2    | 5.370  | 4.589 | 145674  | 69690   | 280.983  | 273.908  |
| 10)                         | L2 AR-1221-3    | 5.458  | 4.680 | 546030  | 235515  | 325.975  | 293.474  |
| 11)                         | L3 AR-1232-1    | 5.458  | 4.680 | 546030  | 235515  | 372.222  | 331.421  |
| 12)                         | L3 AR-1232-2    | 6.051  | 5.527 | 697252  | 571615  | 967.636  | 847.098  |
| 13)                         | L3 AR-1232-3    | 6.372  | 5.724 | 1334457 | 311538  | 948.904  | 879.642  |
| 14)                         | L3 AR-1232-4    | 6.546  | 5.820 | 685188  | 319172  | 1011.414 | 975.281  |
| 15)                         | L3 AR-1232-5    | 6.644  | 6.010 | 529961  | 337622  | 1117.683 | 986.243  |
| 16)                         | L4 AR-1242-1    | 6.347  | 5.506 | 965586  | 427291  | 534.504  | 478.754  |
| 17)                         | L4 AR-1242-2    | 6.372  | 5.527 | 1334457 | 571615  | 532.650  | 483.774  |
| 18)                         | L4 AR-1242-3    | 6.439  | 5.724 | 841213  | 311538  | 545.800  | 489.153  |
| 19)                         | L4 AR-1242-4    | 6.546  | 5.820 | 685188  | 319172  | 555.909  | 499.973  |
| 20)                         | L4 AR-1242-5    | 7.333  | 6.396 | 670198  | 389552  | 509.429  | 499.371  |
| 21)                         | L5 AR-1248-1    | 6.347  | 5.506 | 965586  | 427291  | 695.505  | 631.861  |
| 22)                         | L5 AR-1248-2    | 6.644  | 5.774 | 529961  | 252068  | 285.069  | 264.428  |
| 23)                         | L5 AR-1248-3    | 6.863  | 5.820 | 663796  | 319172  | 313.694  | 326.838  |
| 24)                         | L5 AR-1248-4    | 7.294  | 6.010 | 646387  | 337622  | 265.839  | 291.995  |
| 25)                         | L5 AR-1248-5    | 7.333  | 6.440 | 670198  | 324815  | 282.378  | 293.105  |
| 26)                         | L6 AR-1254-1    | 7.263  | 6.396 | 488198  | 389552  | 211.344  | 231.839  |
| 27)                         | L6 AR-1254-2    | 7.499  | 6.557 | 577783  | 96777   | 160.668  | 65.394 # |
| 28)                         | L6 AR-1254-3    | 7.877  | 6.987 | 221507  | 125035  | 58.898   | 53.508   |
| 29)                         | L6 AR-1254-4    | 8.175  | 7.229 | 163711  | 100365  | 60.346   | 68.478   |
| 30)                         | L6 AR-1254-5    | 8.605  | 7.667 | 41190   | 34150   | 14.865   | 17.130   |
| 31)                         | L7 AR-1260-1    | 8.044  | 7.141 | 12859   | 48431   | 4.915    | 31.140 # |
| 32)                         | L7 AR-1260-2    | 8.308  | 7.324 | 43973   | 17053   | 13.962   | 9.035 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.485 | 0       | 19867   | N.D.     | 11.102 # |
| 34)                         | L7 AR-1260-4    | 8.900  | 0.000 | 18450   | 0       | 6.928    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.667 | 0       | 34150   | N.D.     | 30.377 # |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.577 | 0       | 21644   | N.D.     | 8.066 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.577 | 0       | 21644   | N.D.     | 5.812 #  |
| 45)                         | L9 AR-1268-5    | 10.792 | 0.000 | 31494   | 0       | 1.661    | N.D. #   |
| -----                       |                 |        |       |         |         |          |          |

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

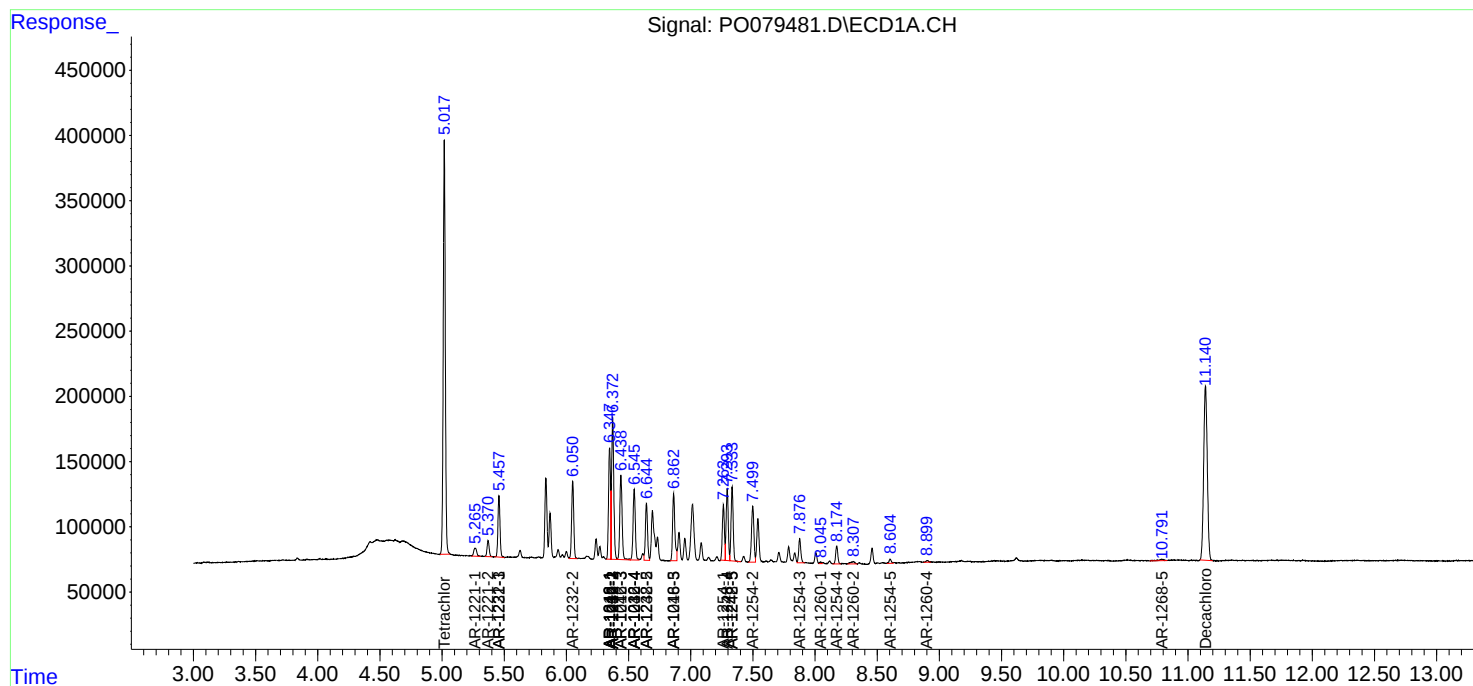
Instrument :  
ECD\_O  
ClientSampleId :

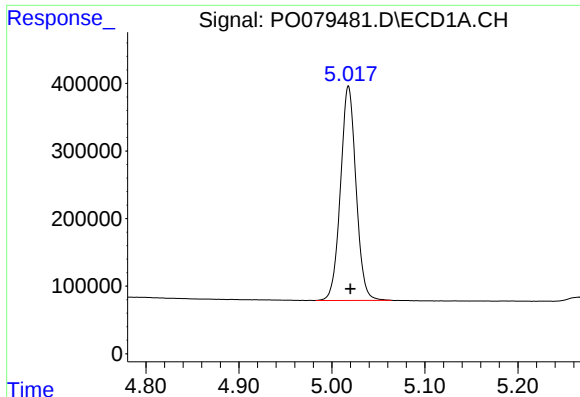
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO071221\  
Data File : PO079481.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Jul 2021 9:49  
Operator : DD\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 13 06:50:07 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO070821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Jul 10 00:52:22 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

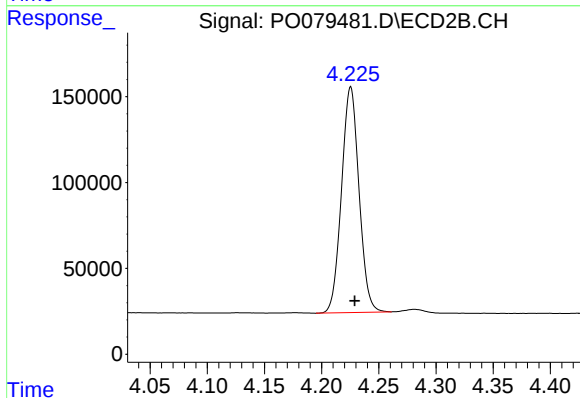




#1 Tetrachloro-m-xylene

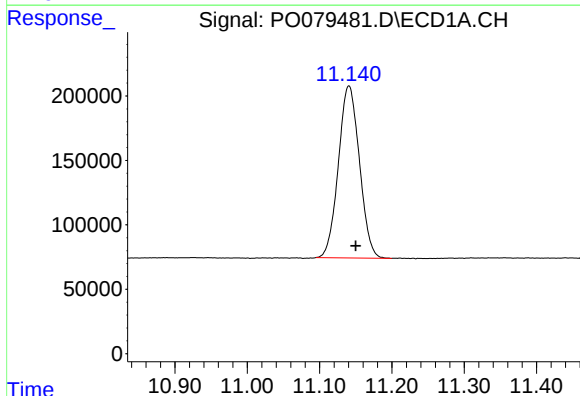
R.T.: 5.018 min  
Delta R.T.: -0.002 min  
Response: 3677114  
Conc: 55.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



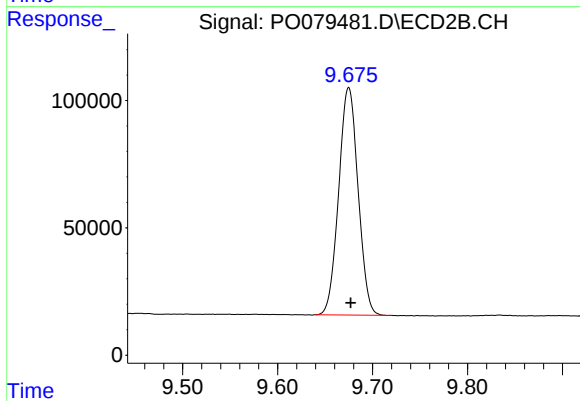
#1 Tetrachloro-m-xylene

R.T.: 4.225 min  
Delta R.T.: -0.003 min  
Response: 1399340  
Conc: 48.80 ng/ml



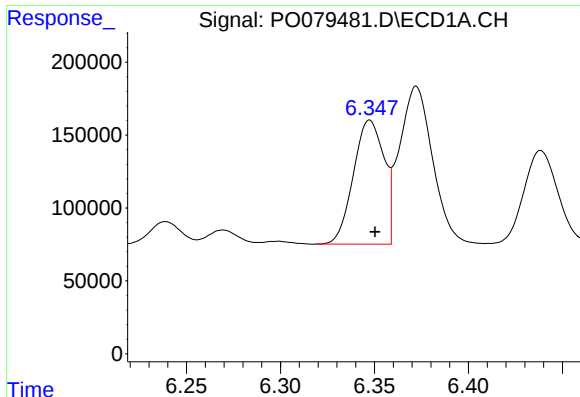
#2 Decachlorobiphenyl

R.T.: 11.141 min  
Delta R.T.: -0.009 min  
Response: 2698809  
Conc: 53.06 ng/ml



#2 Decachlorobiphenyl

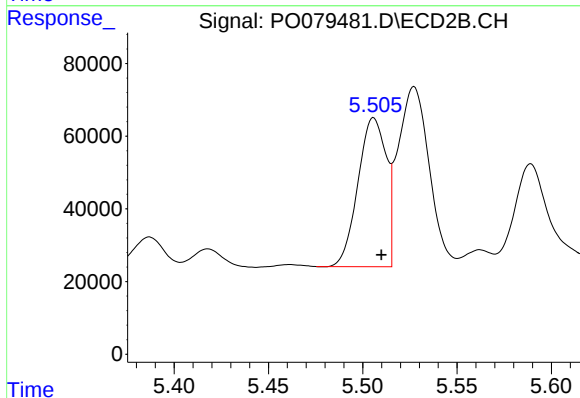
R.T.: 9.675 min  
Delta R.T.: -0.002 min  
Response: 1266433  
Conc: 47.85 ng/ml



#3 AR-1016-1

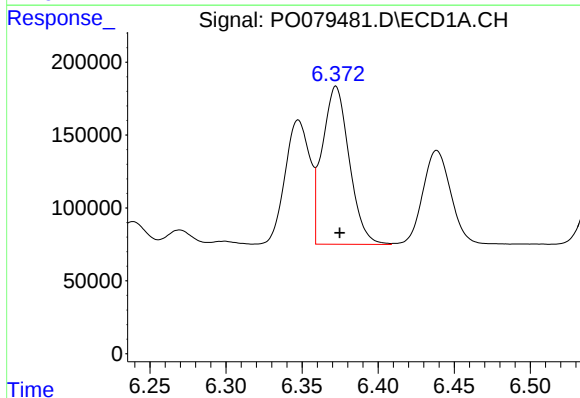
R.T.: 6.347 min  
Delta R.T.: -0.003 min  
Response: 965586  
Conc: 407.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



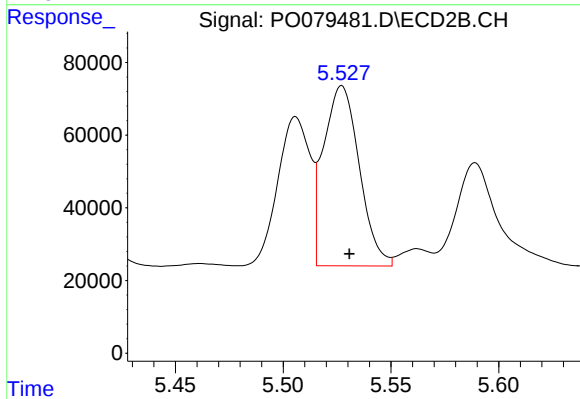
#3 AR-1016-1

R.T.: 5.506 min  
Delta R.T.: -0.004 min  
Response: 427291  
Conc: 357.58 ng/ml



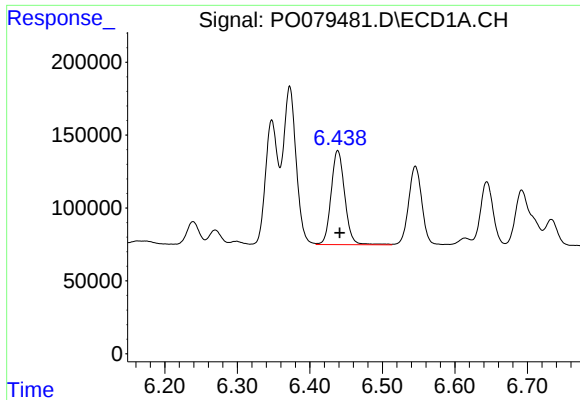
#4 AR-1016-2

R.T.: 6.372 min  
Delta R.T.: -0.002 min  
Response: 1334457  
Conc: 403.47 ng/ml



#4 AR-1016-2

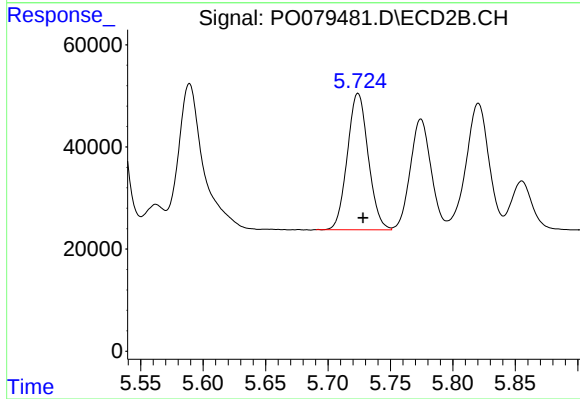
R.T.: 5.527 min  
Delta R.T.: -0.004 min  
Response: 571615  
Conc: 360.76 ng/ml



#5 AR-1016-3

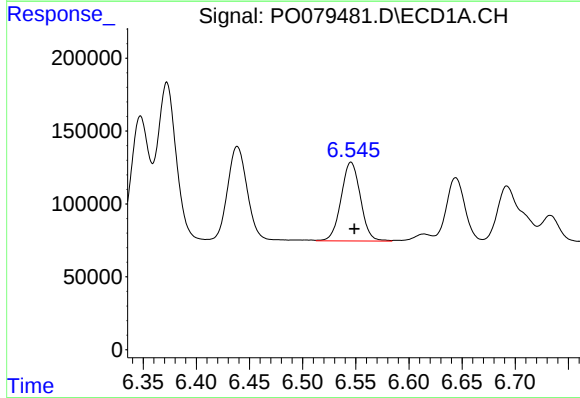
R.T.: 6.439 min  
Delta R.T.: -0.003 min  
Response: 841213  
Conc: 414.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



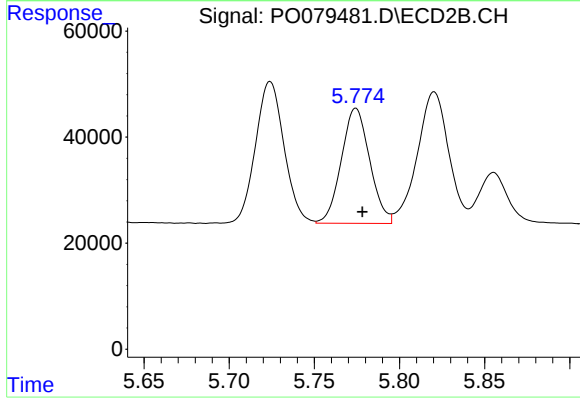
#5 AR-1016-3

R.T.: 5.724 min  
Delta R.T.: -0.004 min  
Response: 311538  
Conc: 364.78 ng/ml



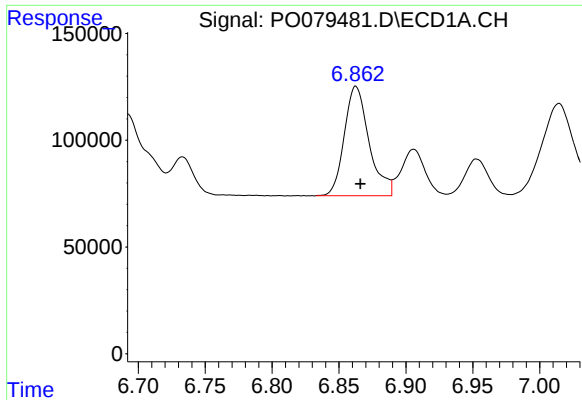
#6 AR-1016-4

R.T.: 6.546 min  
Delta R.T.: -0.003 min  
Response: 685188  
Conc: 418.19 ng/ml



#6 AR-1016-4

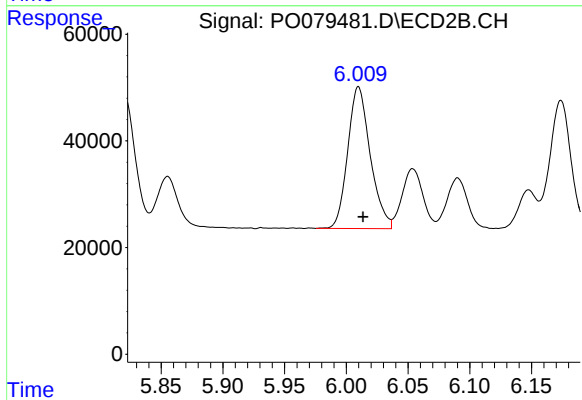
R.T.: 5.774 min  
Delta R.T.: -0.004 min  
Response: 252068  
Conc: 350.54 ng/ml



#7 AR-1016-5

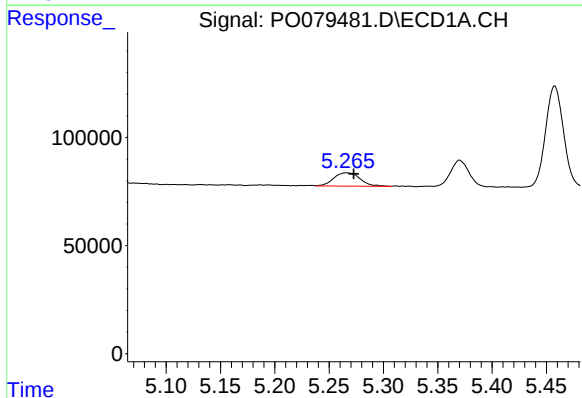
R.T.: 6.863 min  
Delta R.T.: -0.003 min  
Response: 663796  
Conc: 412.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



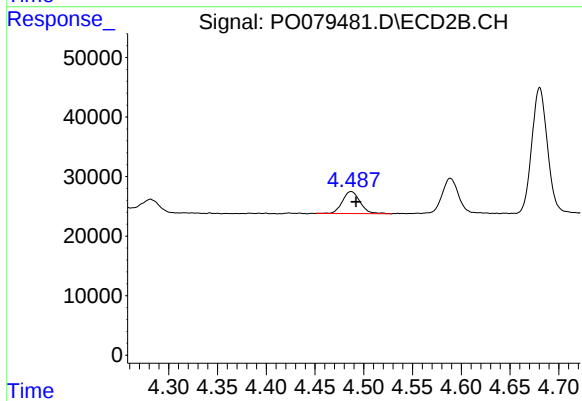
#7 AR-1016-5

R.T.: 6.010 min  
Delta R.T.: -0.004 min  
Response: 337622  
Conc: 380.07 ng/ml



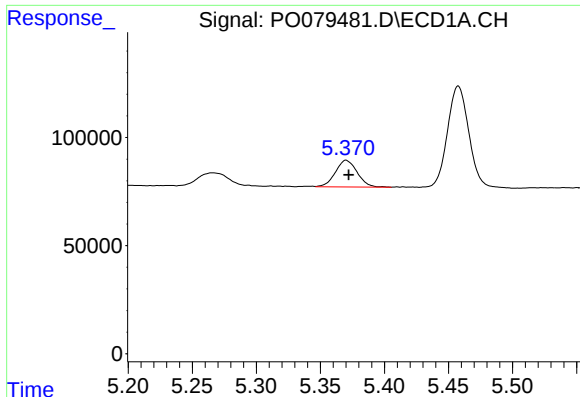
#8 AR-1221-1

R.T.: 5.266 min  
Delta R.T.: -0.007 min  
Response: 103868  
Conc: 146.59 ng/ml



#8 AR-1221-1

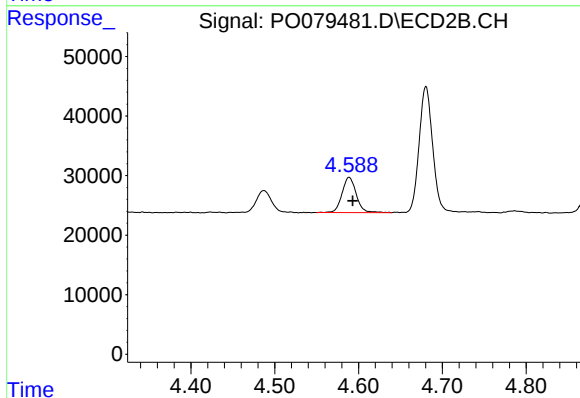
R.T.: 4.487 min  
Delta R.T.: -0.005 min  
Response: 46553  
Conc: 136.69 ng/ml



#9 AR-1221-2

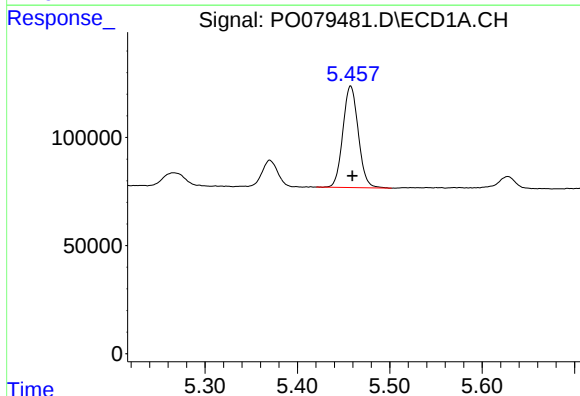
R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 145674  
Conc: 280.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



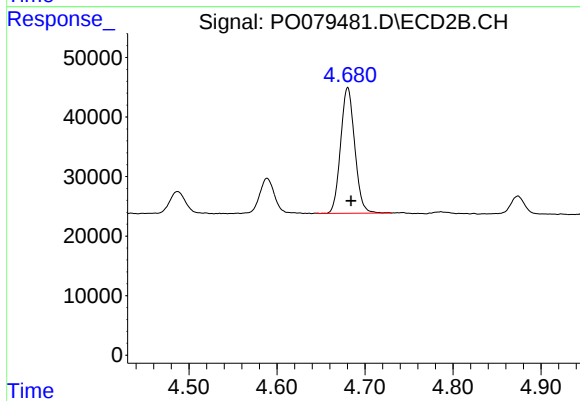
#9 AR-1221-2

R.T.: 4.589 min  
Delta R.T.: -0.004 min  
Response: 69690  
Conc: 273.91 ng/ml



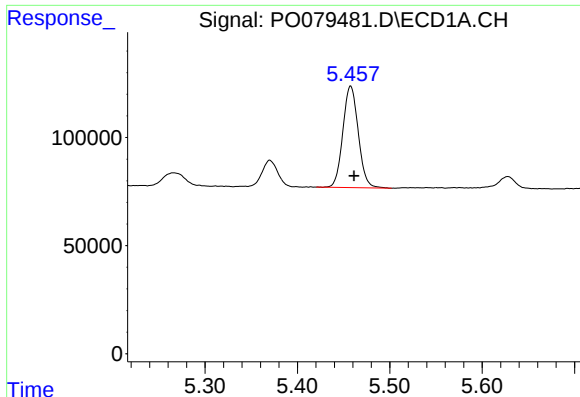
#10 AR-1221-3

R.T.: 5.458 min  
Delta R.T.: -0.002 min  
Response: 546030  
Conc: 325.97 ng/ml



#10 AR-1221-3

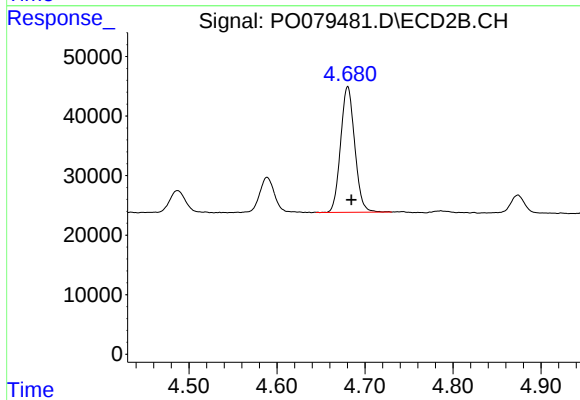
R.T.: 4.680 min  
Delta R.T.: -0.004 min  
Response: 235515  
Conc: 293.47 ng/ml



#11 AR-1232-1

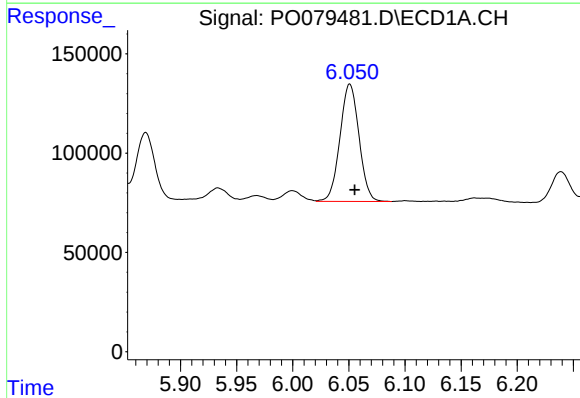
R.T.: 5.458 min  
Delta R.T.: -0.004 min  
Response: 546030  
Conc: 372.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



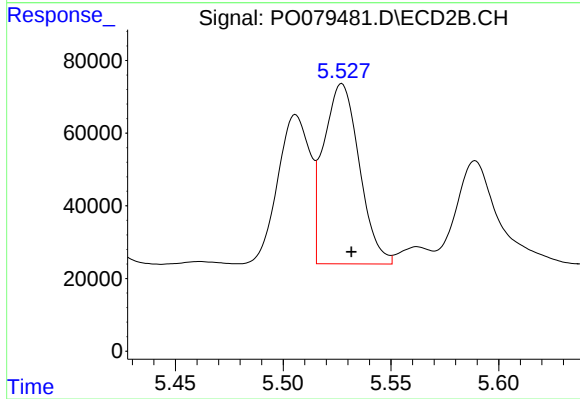
#11 AR-1232-1

R.T.: 4.680 min  
Delta R.T.: -0.004 min  
Response: 235515  
Conc: 331.42 ng/ml



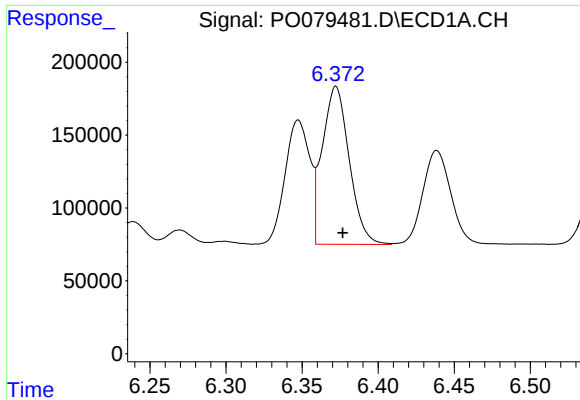
#12 AR-1232-2

R.T.: 6.051 min  
Delta R.T.: -0.004 min  
Response: 697252  
Conc: 967.64 ng/ml



#12 AR-1232-2

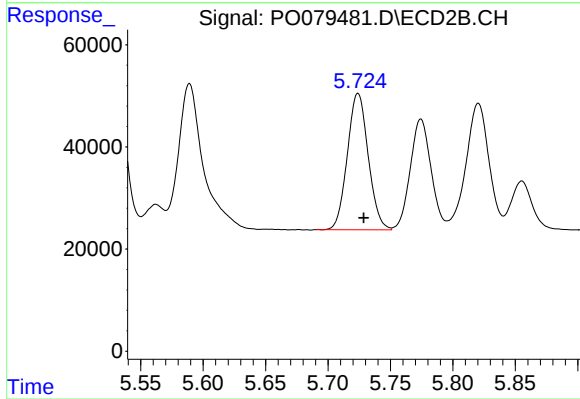
R.T.: 5.527 min  
Delta R.T.: -0.004 min  
Response: 571615  
Conc: 847.10 ng/ml



#13 AR-1232-3

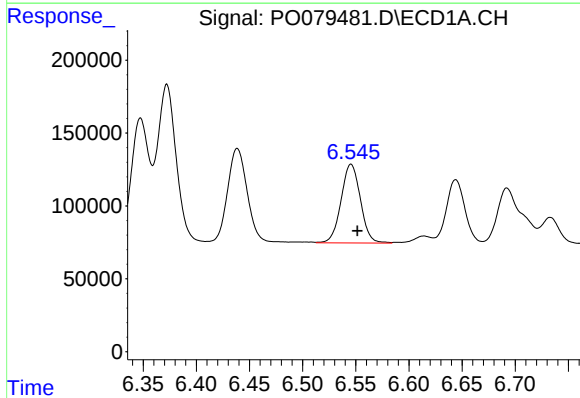
R.T.: 6.372 min  
Delta R.T.: -0.005 min  
Response: 1334457  
Conc: 948.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



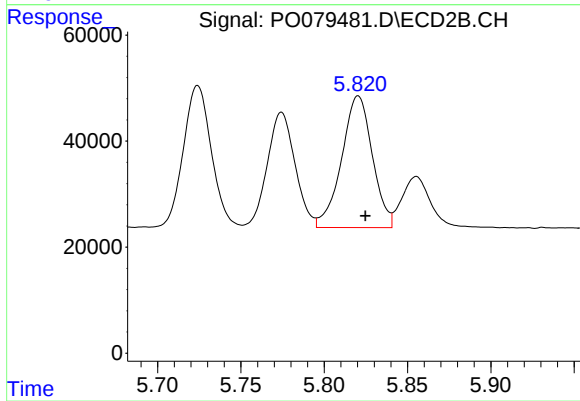
#13 AR-1232-3

R.T.: 5.724 min  
Delta R.T.: -0.004 min  
Response: 311538  
Conc: 879.64 ng/ml



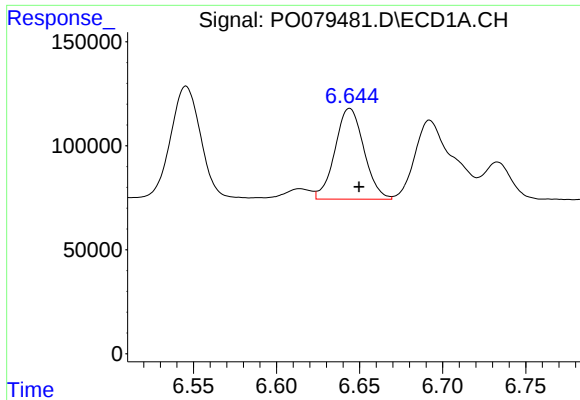
#14 AR-1232-4

R.T.: 6.546 min  
Delta R.T.: -0.006 min  
Response: 685188  
Conc: 1011.41 ng/ml



#14 AR-1232-4

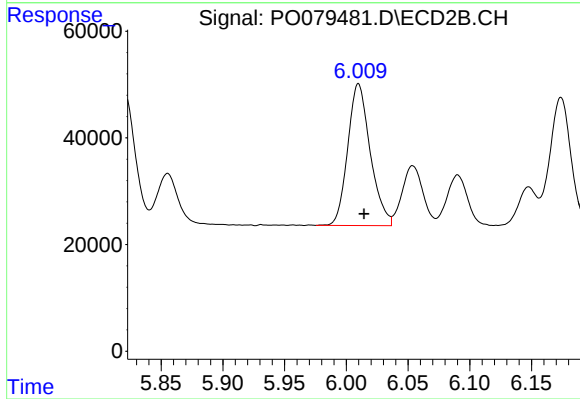
R.T.: 5.820 min  
Delta R.T.: -0.004 min  
Response: 319172  
Conc: 975.28 ng/ml



#15 AR-1232-5

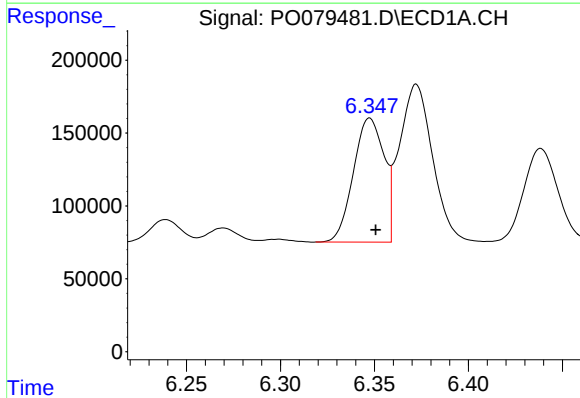
R.T.: 6.644 min  
Delta R.T.: -0.006 min  
Response: 529961  
Conc: 1117.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



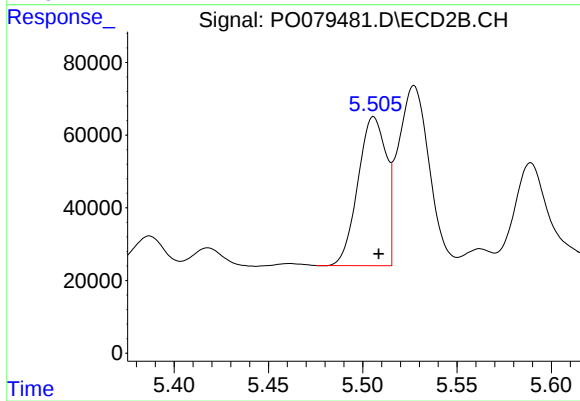
#15 AR-1232-5

R.T.: 6.010 min  
Delta R.T.: -0.005 min  
Response: 337622  
Conc: 986.24 ng/ml



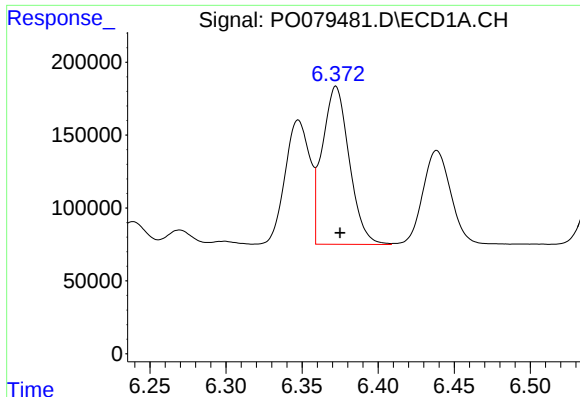
#16 AR-1242-1

R.T.: 6.347 min  
Delta R.T.: -0.003 min  
Response: 965586  
Conc: 534.50 ng/ml



#16 AR-1242-1

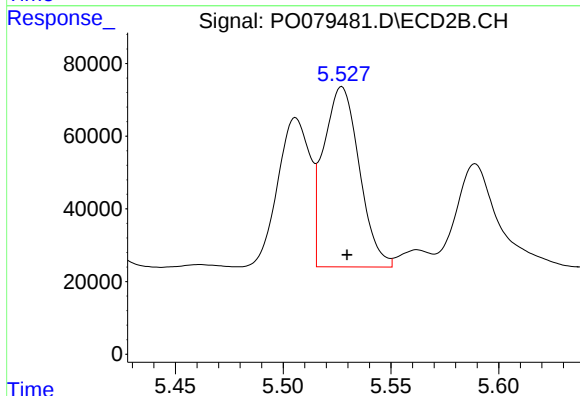
R.T.: 5.506 min  
Delta R.T.: -0.003 min  
Response: 427291  
Conc: 478.75 ng/ml



#17 AR-1242-2

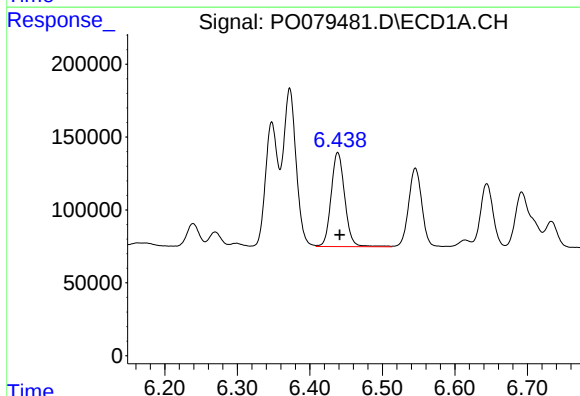
R.T.: 6.372 min  
Delta R.T.: -0.003 min  
Response: 1334457  
Conc: 532.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



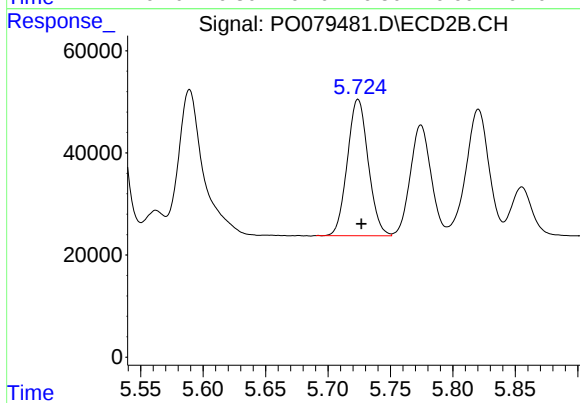
#17 AR-1242-2

R.T.: 5.527 min  
Delta R.T.: -0.002 min  
Response: 571615  
Conc: 483.77 ng/ml



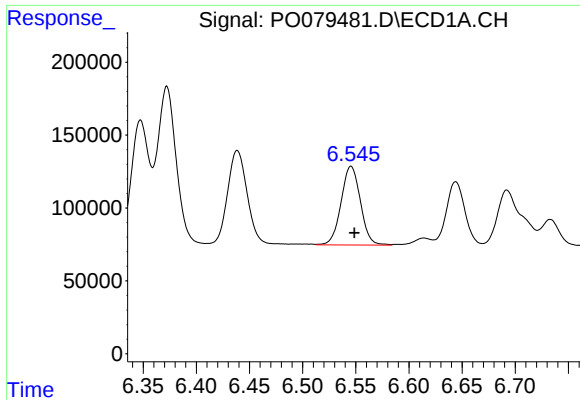
#18 AR-1242-3

R.T.: 6.439 min  
Delta R.T.: -0.003 min  
Response: 841213  
Conc: 545.80 ng/ml



#18 AR-1242-3

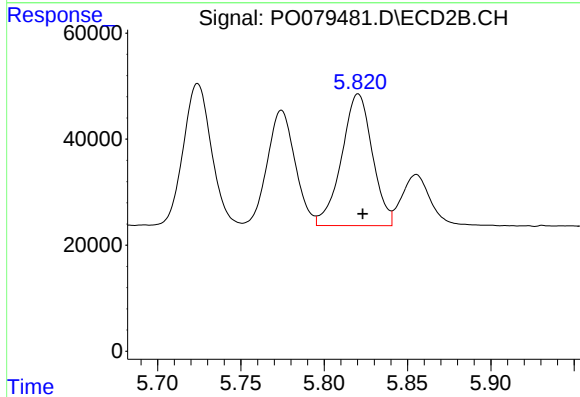
R.T.: 5.724 min  
Delta R.T.: -0.003 min  
Response: 311538  
Conc: 489.15 ng/ml



#19 AR-1242-4

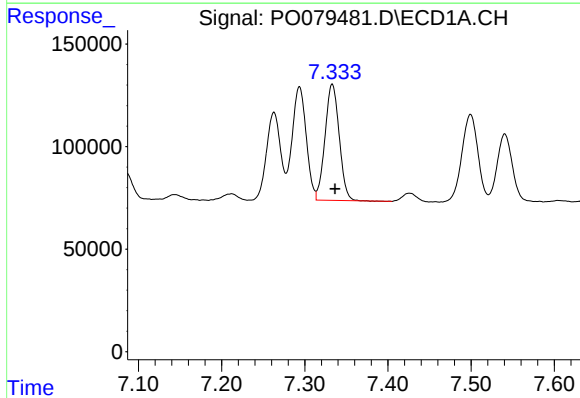
R.T.: 6.546 min  
Delta R.T.: -0.003 min  
Response: 685188  
Conc: 555.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



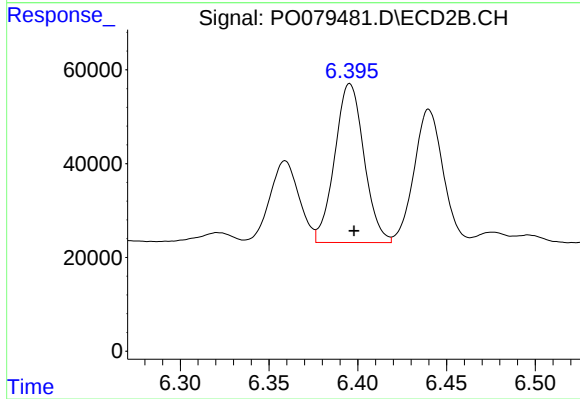
#19 AR-1242-4

R.T.: 5.820 min  
Delta R.T.: -0.003 min  
Response: 319172  
Conc: 499.97 ng/ml



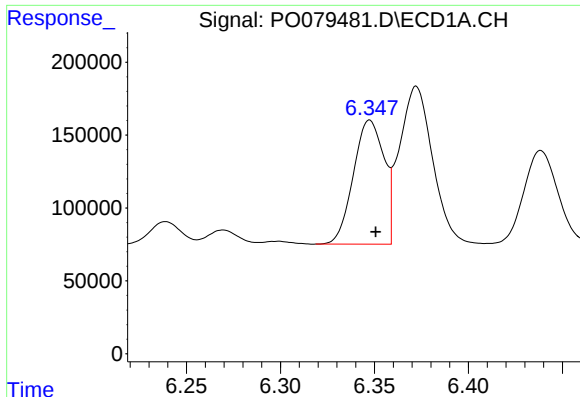
#20 AR-1242-5

R.T.: 7.333 min  
Delta R.T.: -0.003 min  
Response: 670198  
Conc: 509.43 ng/ml



#20 AR-1242-5

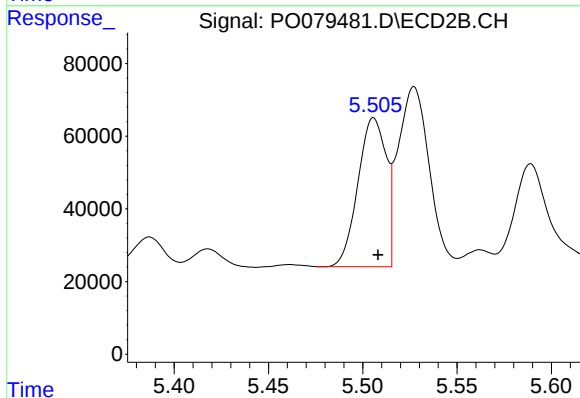
R.T.: 6.396 min  
Delta R.T.: -0.002 min  
Response: 389552  
Conc: 499.37 ng/ml



#21 AR-1248-1

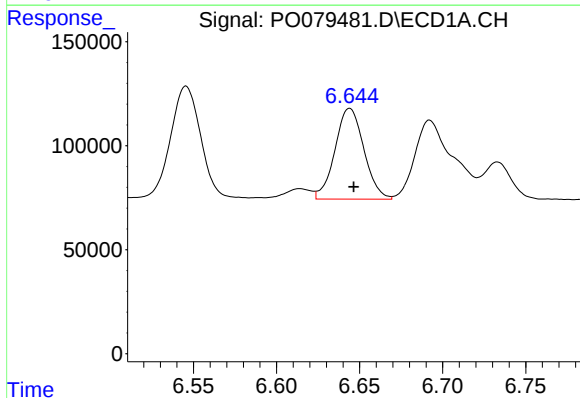
R.T.: 6.347 min  
Delta R.T.: -0.003 min  
Response: 965586  
Conc: 695.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



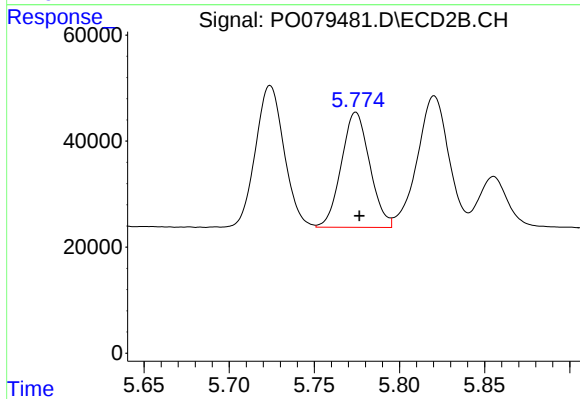
#21 AR-1248-1

R.T.: 5.506 min  
Delta R.T.: -0.002 min  
Response: 427291  
Conc: 631.86 ng/ml



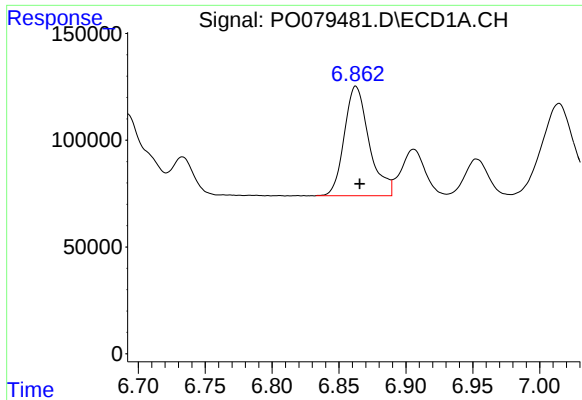
#22 AR-1248-2

R.T.: 6.644 min  
Delta R.T.: -0.002 min  
Response: 529961  
Conc: 285.07 ng/ml



#22 AR-1248-2

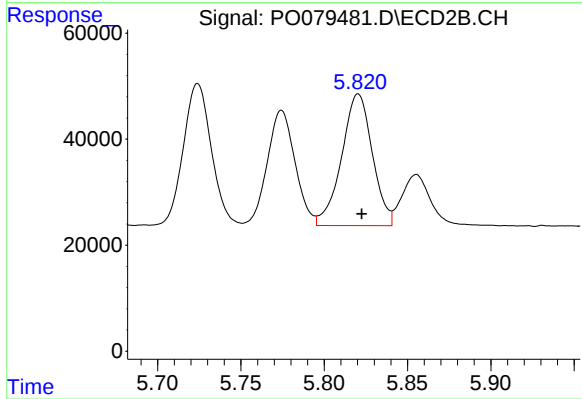
R.T.: 5.774 min  
Delta R.T.: -0.002 min  
Response: 252068  
Conc: 264.43 ng/ml



#23 AR-1248-3

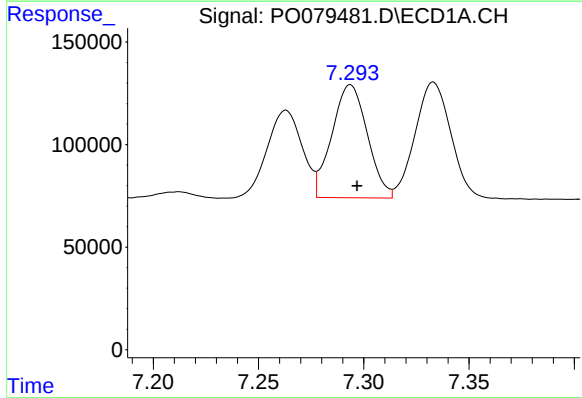
R.T.: 6.863 min  
Delta R.T.: -0.003 min  
Response: 663796  
Conc: 313.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



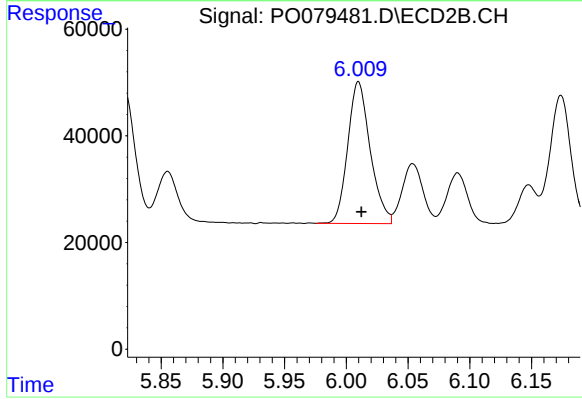
#23 AR-1248-3

R.T.: 5.820 min  
Delta R.T.: -0.002 min  
Response: 319172  
Conc: 326.84 ng/ml



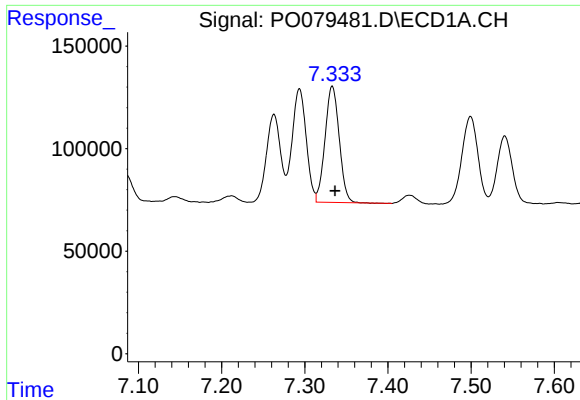
#24 AR-1248-4

R.T.: 7.294 min  
Delta R.T.: -0.003 min  
Response: 646387  
Conc: 265.84 ng/ml



#24 AR-1248-4

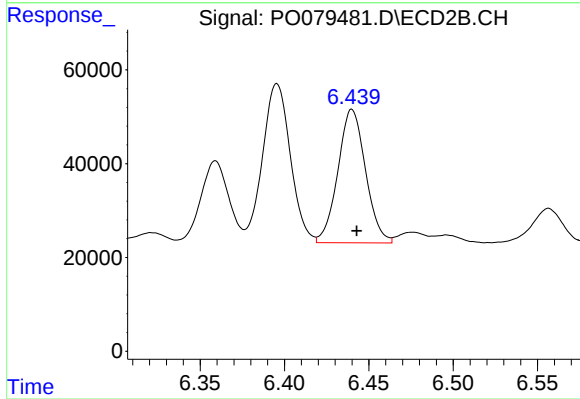
R.T.: 6.010 min  
Delta R.T.: -0.002 min  
Response: 337622  
Conc: 291.99 ng/ml



#25 AR-1248-5

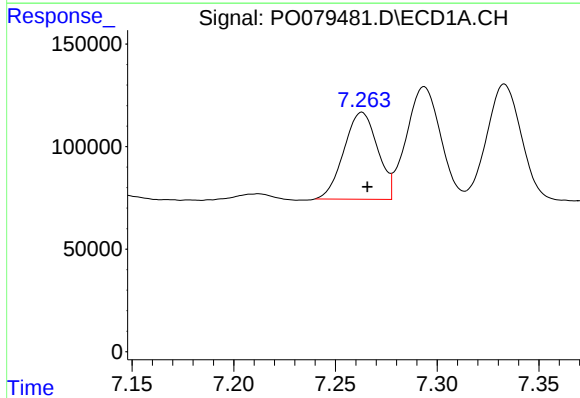
R.T.: 7.333 min  
Delta R.T.: -0.003 min  
Response: 670198  
Conc: 282.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



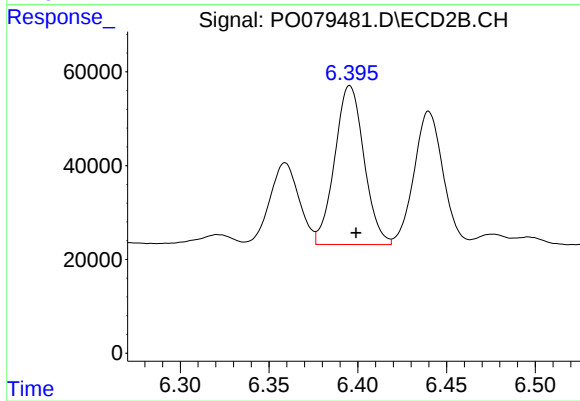
#25 AR-1248-5

R.T.: 6.440 min  
Delta R.T.: -0.003 min  
Response: 324815  
Conc: 293.11 ng/ml



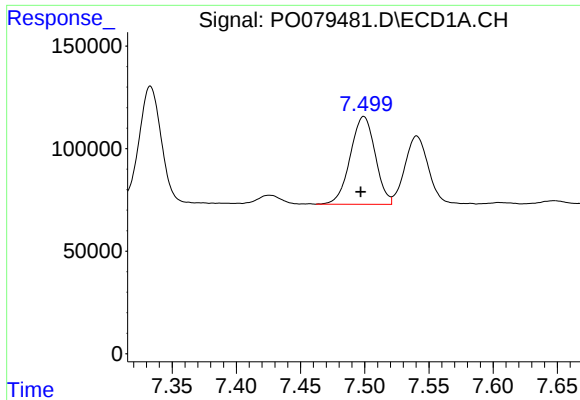
#26 AR-1254-1

R.T.: 7.263 min  
Delta R.T.: -0.003 min  
Response: 488198  
Conc: 211.34 ng/ml



#26 AR-1254-1

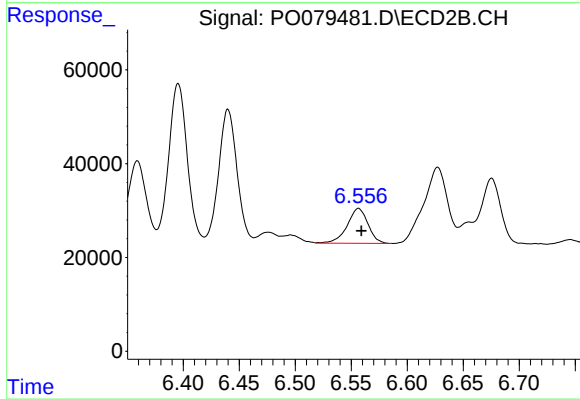
R.T.: 6.396 min  
Delta R.T.: -0.004 min  
Response: 389552  
Conc: 231.84 ng/ml



#27 AR-1254-2

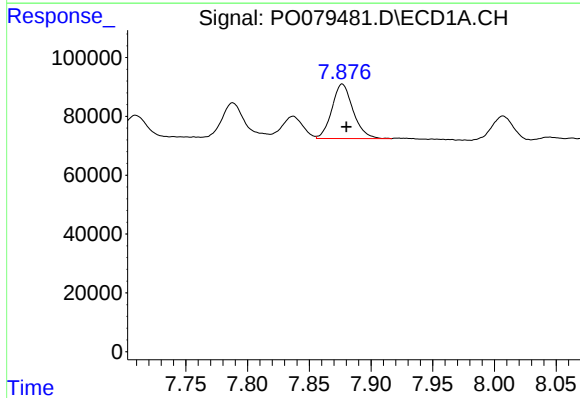
R.T.: 7.499 min  
Delta R.T.: 0.003 min  
Response: 577783  
Conc: 160.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



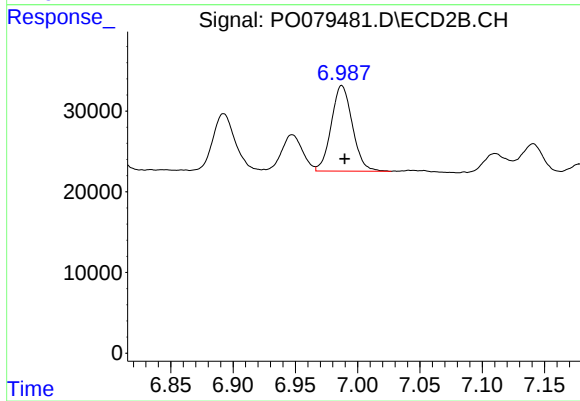
#27 AR-1254-2

R.T.: 6.557 min  
Delta R.T.: -0.003 min  
Response: 96777  
Conc: 65.39 ng/ml



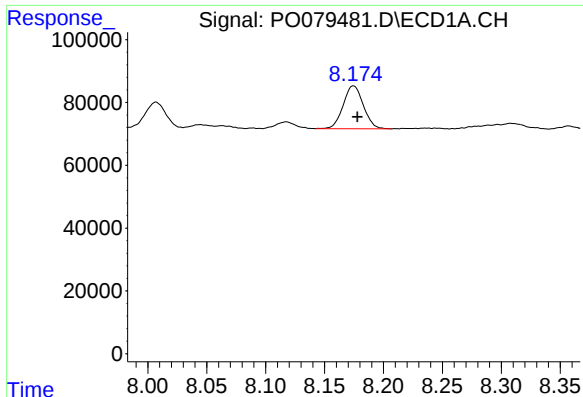
#28 AR-1254-3

R.T.: 7.877 min  
Delta R.T.: -0.003 min  
Response: 221507  
Conc: 58.90 ng/ml



#28 AR-1254-3

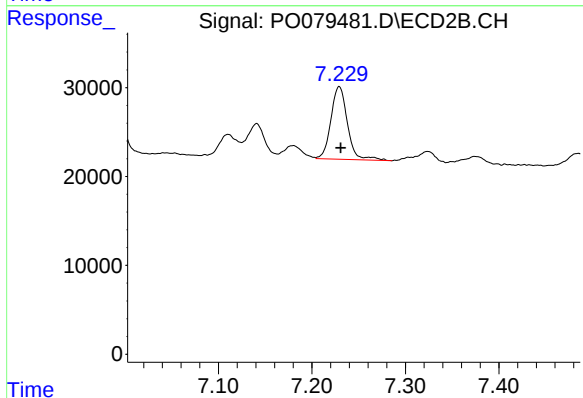
R.T.: 6.987 min  
Delta R.T.: -0.002 min  
Response: 125035  
Conc: 53.51 ng/ml



#29 AR-1254-4

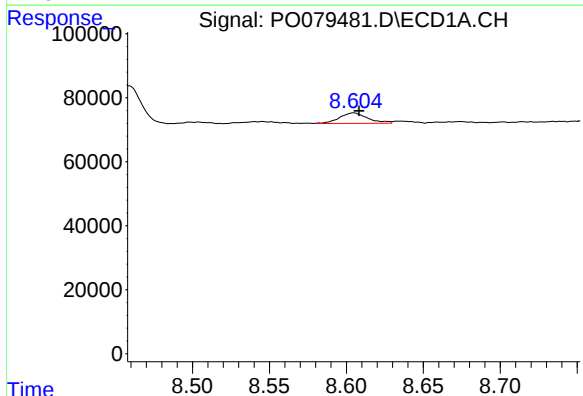
R.T.: 8.175 min  
Delta R.T.: -0.003 min  
Response: 163711  
Conc: 60.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



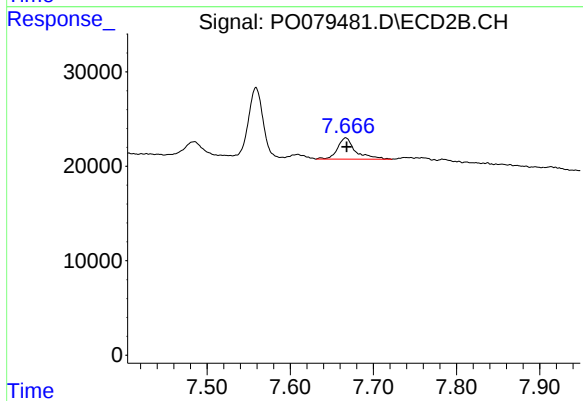
#29 AR-1254-4

R.T.: 7.229 min  
Delta R.T.: -0.002 min  
Response: 100365  
Conc: 68.48 ng/ml



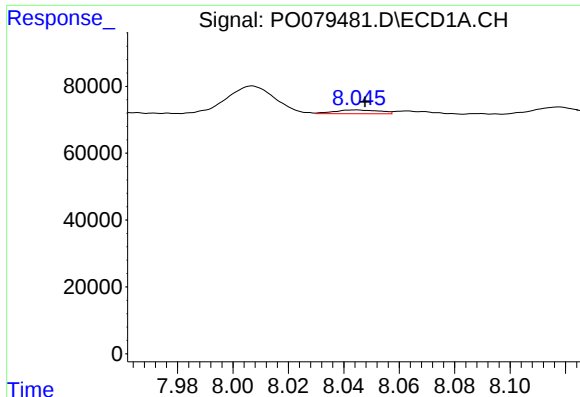
#30 AR-1254-5

R.T.: 8.605 min  
Delta R.T.: -0.004 min  
Response: 41190  
Conc: 14.87 ng/ml



#30 AR-1254-5

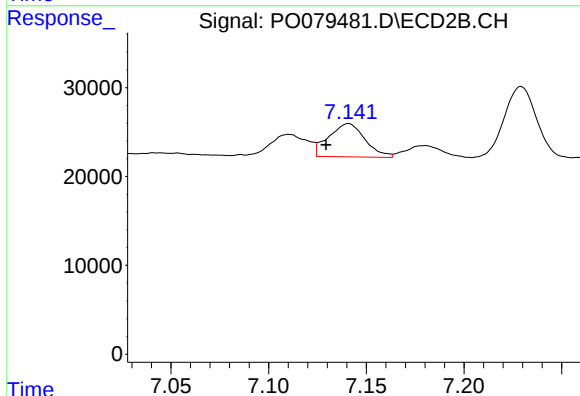
R.T.: 7.667 min  
Delta R.T.: 0.000 min  
Response: 34150  
Conc: 17.13 ng/ml



#31 AR-1260-1

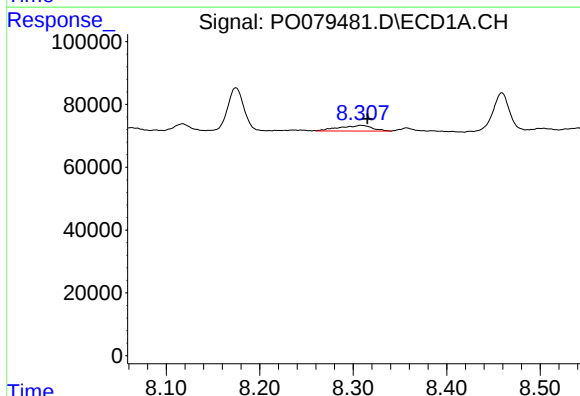
R.T.: 8.044 min  
Delta R.T.: -0.003 min  
Response: 12859  
Conc: 4.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



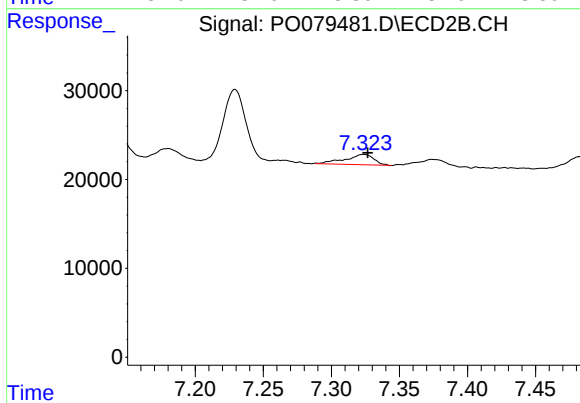
#31 AR-1260-1

R.T.: 7.141 min  
Delta R.T.: 0.011 min  
Response: 48431  
Conc: 31.14 ng/ml



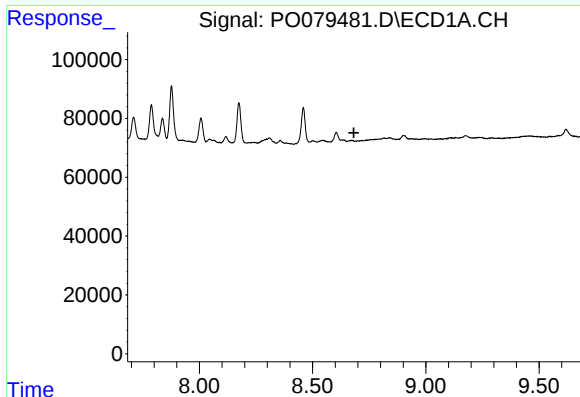
#32 AR-1260-2

R.T.: 8.308 min  
Delta R.T.: -0.007 min  
Response: 43973  
Conc: 13.96 ng/ml



#32 AR-1260-2

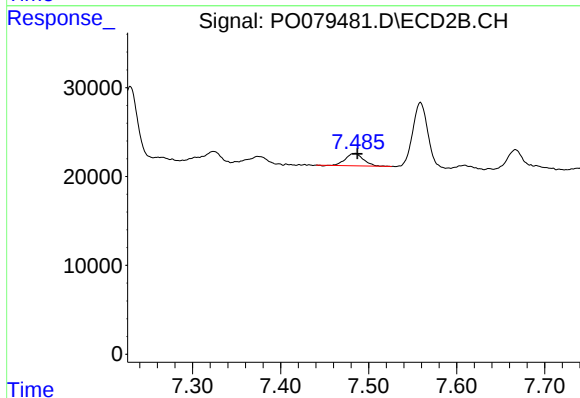
R.T.: 7.324 min  
Delta R.T.: -0.003 min  
Response: 17053  
Conc: 9.03 ng/ml



#33 AR-1260-3

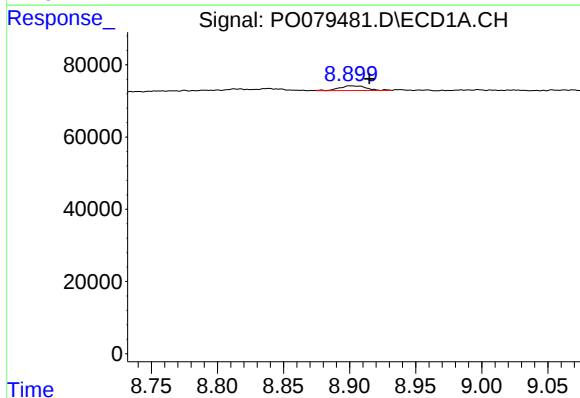
R.T.: 0.000 min  
Exp R.T.: 8.682 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



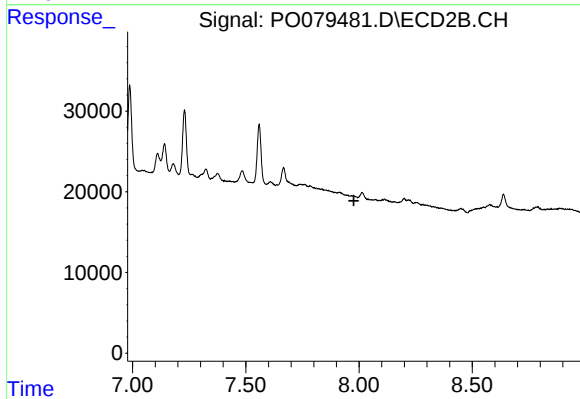
#33 AR-1260-3

R.T.: 7.485 min  
Delta R.T.: -0.003 min  
Response: 19867  
Conc: 11.10 ng/ml



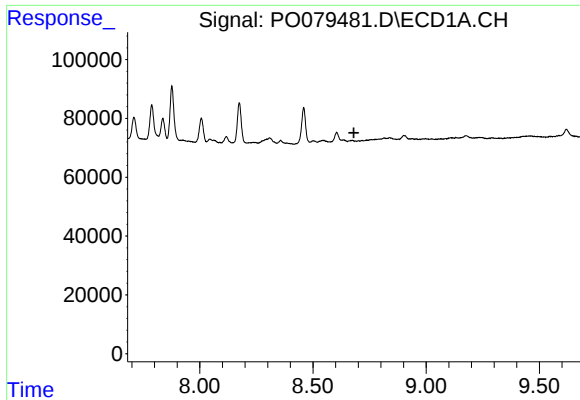
#34 AR-1260-4

R.T.: 8.900 min  
Delta R.T.: -0.014 min  
Response: 18450  
Conc: 6.93 ng/ml



#34 AR-1260-4

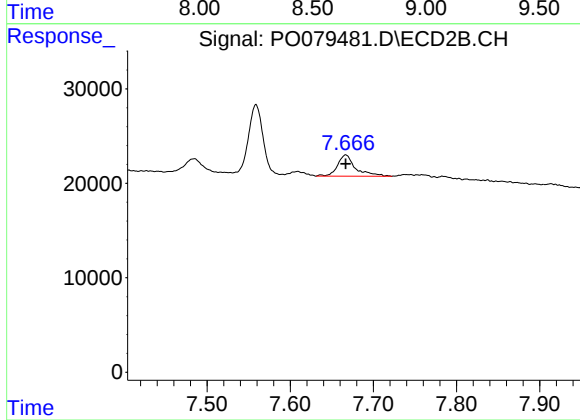
R.T.: 0.000 min  
Exp R.T.: 7.977 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

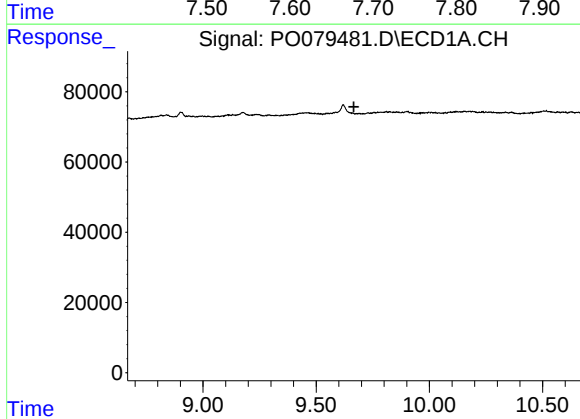
R.T.: 0.000 min  
Exp R.T.: 8.681 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



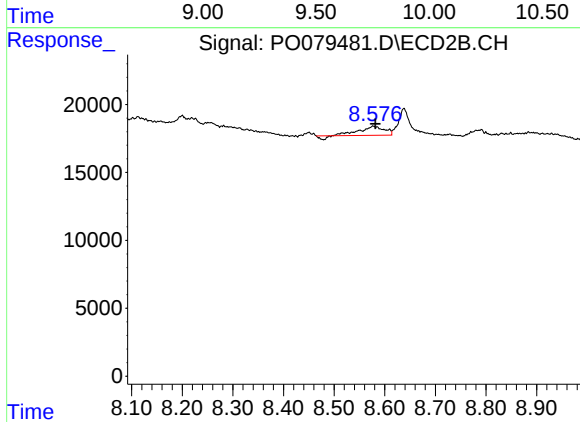
#36 AR-1262-1

R.T.: 7.667 min  
Delta R.T.: 0.000 min  
Response: 34150  
Conc: 30.38 ng/ml



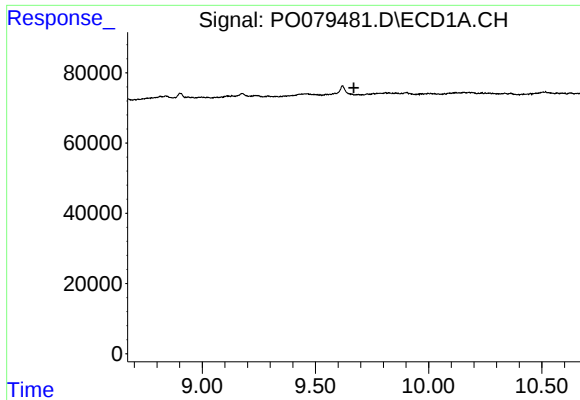
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 9.667 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

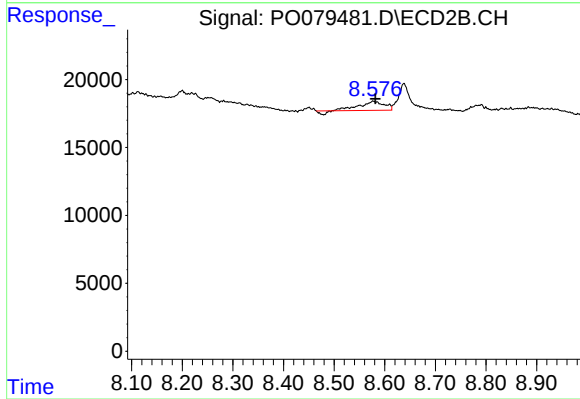
R.T.: 8.577 min  
Delta R.T.: -0.005 min  
Response: 21644  
Conc: 8.07 ng/ml



#42 AR-1268-2

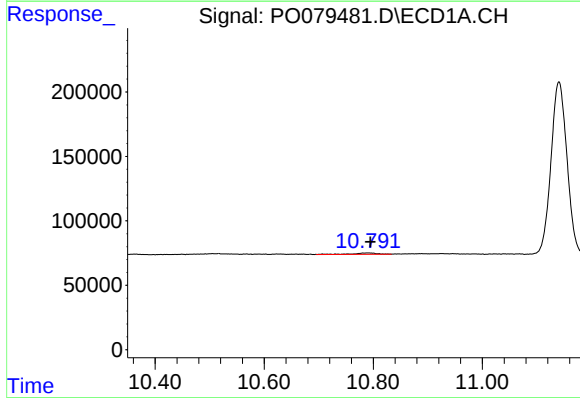
R.T.: 0.000 min  
Exp R.T.: 9.670 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



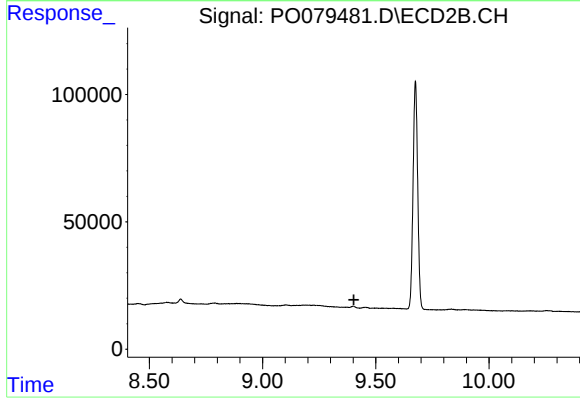
#42 AR-1268-2

R.T.: 8.577 min  
Delta R.T.: -0.004 min  
Response: 21644  
Conc: 5.81 ng/ml



#45 AR-1268-5

R.T.: 10.792 min  
Delta R.T.: -0.003 min  
Response: 31494  
Conc: 1.66 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.403 min  
Response: 0  
Conc: N.D.