

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102620\  
 Data File : PO072790.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Oct 2020 00:02  
 Operator : DD\AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO102620AR1248

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 27 05:37:43 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102620.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 27 05:29:40 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... | 4.948  | 4.019  | 2059886 | 1614678 | 44.677   | 46.071     |
| 2)                          | SA Decachlor... | 10.984 | 9.311  | 1910394 | 1840740 | 51.709   | 55.196     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.272  | 5.274  | 485546  | 403506  | 284.430  | 281.104    |
| 4)                          | L1 AR-1016-2    | 6.295  | 5.295  | 557406  | 395650  | 236.261  | 204.479    |
| 5)                          | L1 AR-1016-3    | 6.362  | 5.486  | 275221  | 279762  | 190.745  | 266.814 #  |
| 6)                          | L1 AR-1016-4    | 6.468  | 5.537  | 307514  | 566690  | 261.741  | 654.092 #  |
| 7)                          | L1 AR-1016-5    | 6.785  | 5.765  | 724524  | 694487  | 675.278  | 646.226    |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.372  | 0       | 26469   | N.D.     | 77.937 #   |
| 10)                         | L2 AR-1221-3    | 5.385  | 4.465  | 39108   | 32170   | 31.728   | 31.649     |
| 11)                         | L3 AR-1232-1    | 5.385  | 4.465  | 39108   | 32170   | 36.710   | 36.697     |
| 12)                         | L3 AR-1232-2    | 5.976  | 5.295  | 199253  | 395650  | 376.377  | 451.717    |
| 13)                         | L3 AR-1232-3    | 6.295  | 5.486  | 557406  | 279762  | 539.134  | 595.485    |
| 14)                         | L3 AR-1232-4    | 6.468  | 5.582  | 307514  | 587657  | 598.356  | 1380.020 # |
| 15)                         | L3 AR-1232-5    | 6.567  | 5.765  | 620993  | 694487  | 1754.539 | 1488.441   |
| 16)                         | L4 AR-1242-1    | 6.272  | 5.274  | 485546  | 403506  | 349.005  | 343.186    |
| 17)                         | L4 AR-1242-2    | 6.295  | 5.295  | 557406  | 395650  | 291.584  | 249.141    |
| 18)                         | L4 AR-1242-3    | 6.362  | 5.486  | 275221  | 279762  | 232.418  | 323.625 #  |
| 19)                         | L4 AR-1242-4    | 6.468  | 5.582  | 307514  | 587657  | 317.633  | 708.021 #  |
| 20)                         | L4 AR-1242-5    | 7.255  | 6.143  | 819619  | 990786  | 800.133  | 923.303    |
| 21)                         | L5 AR-1248-1    | 6.272  | 5.274  | 485546  | 403506  | 470.544  | 425.628    |
| 22)                         | L5 AR-1248-2    | 6.567  | 5.537  | 620993  | 566690  | 472.343  | 450.555    |
| 23)                         | L5 AR-1248-3    | 6.785  | 5.582  | 724524  | 587657  | 489.002  | 454.397    |
| 24)                         | L5 AR-1248-4    | 7.215  | 5.765  | 844493  | 694487  | 467.622  | 446.995    |
| 25)                         | L5 AR-1248-5    | 7.255  | 6.187  | 819619  | 717966  | 475.506  | 466.323    |
| 26)                         | L6 AR-1254-1    | 7.185  | 6.143  | 649495  | 990786  | 374.772  | 440.194    |
| 27)                         | L6 AR-1254-2    | 7.420  | 6.303  | 821597  | 313044  | 307.488  | 155.858 #  |
| 28)                         | L6 AR-1254-3    | 7.798  | 6.721  | 429304  | 476261  | 158.849  | 149.903    |
| 29)                         | L6 AR-1254-4    | 8.094  | 6.959  | 334126  | 378408  | 152.469  | 173.985    |
| 30)                         | L6 AR-1254-5    | 8.525  | 7.387  | 71648   | 97806   | 32.543   | 35.140     |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.867  | 0       | 220753  | N.D.     | 111.014 #  |
| 32)                         | L7 AR-1260-2    | 8.230  | 7.052  | 98491   | 101317  | 43.333   | 40.436     |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.207  | 0       | 97605   | N.D.     | 44.282 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.725f | 0       | 27225   | N.D.     | 14.793 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.936  | 0       | 18103   | N.D.     | 4.119 #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.387  | 0       | 97806   | N.D.     | 70.539 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.936  | 0       | 18103   | N.D.     | 3.968 #    |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.497  | 0       | 25974   | N.D.     | 6.172 #    |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.063  | 0       | 14632   | N.D.     | 1.130 #    |
| -----                       |                 |        |        |         |         |          |            |

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

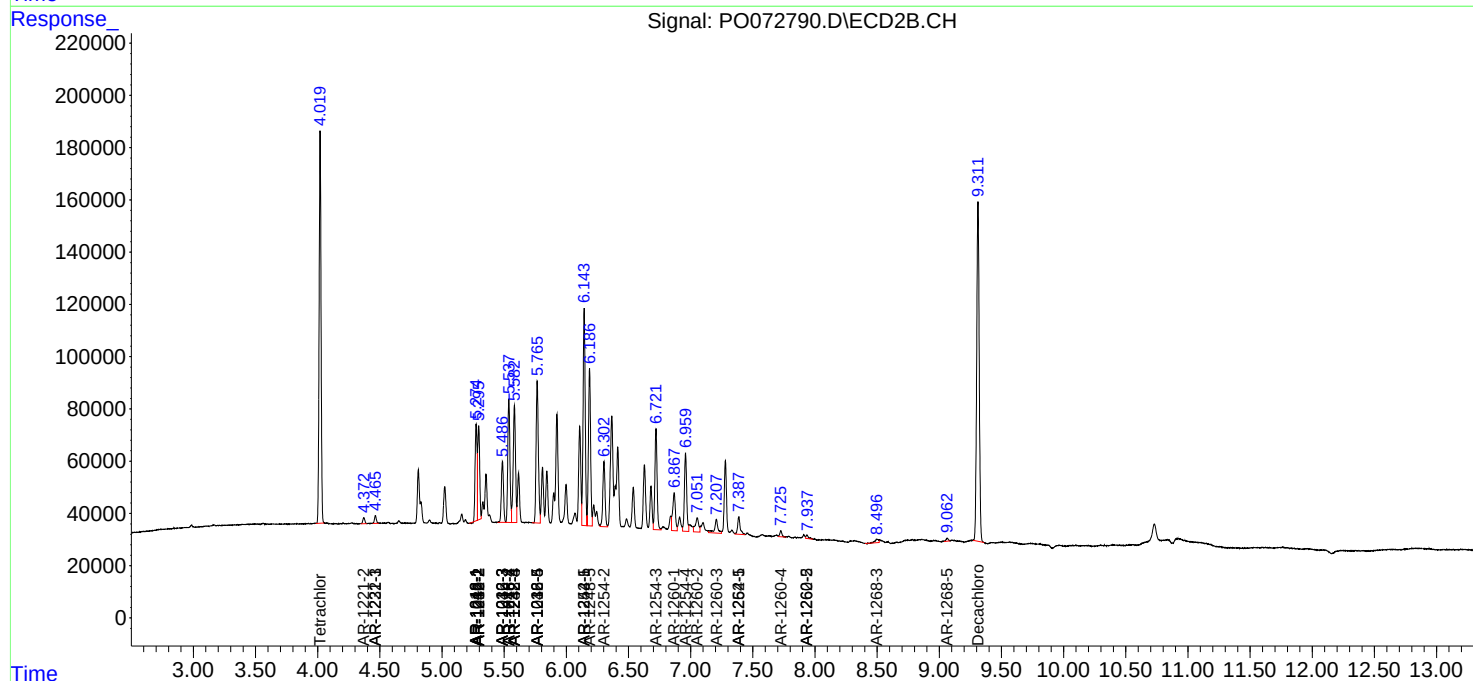
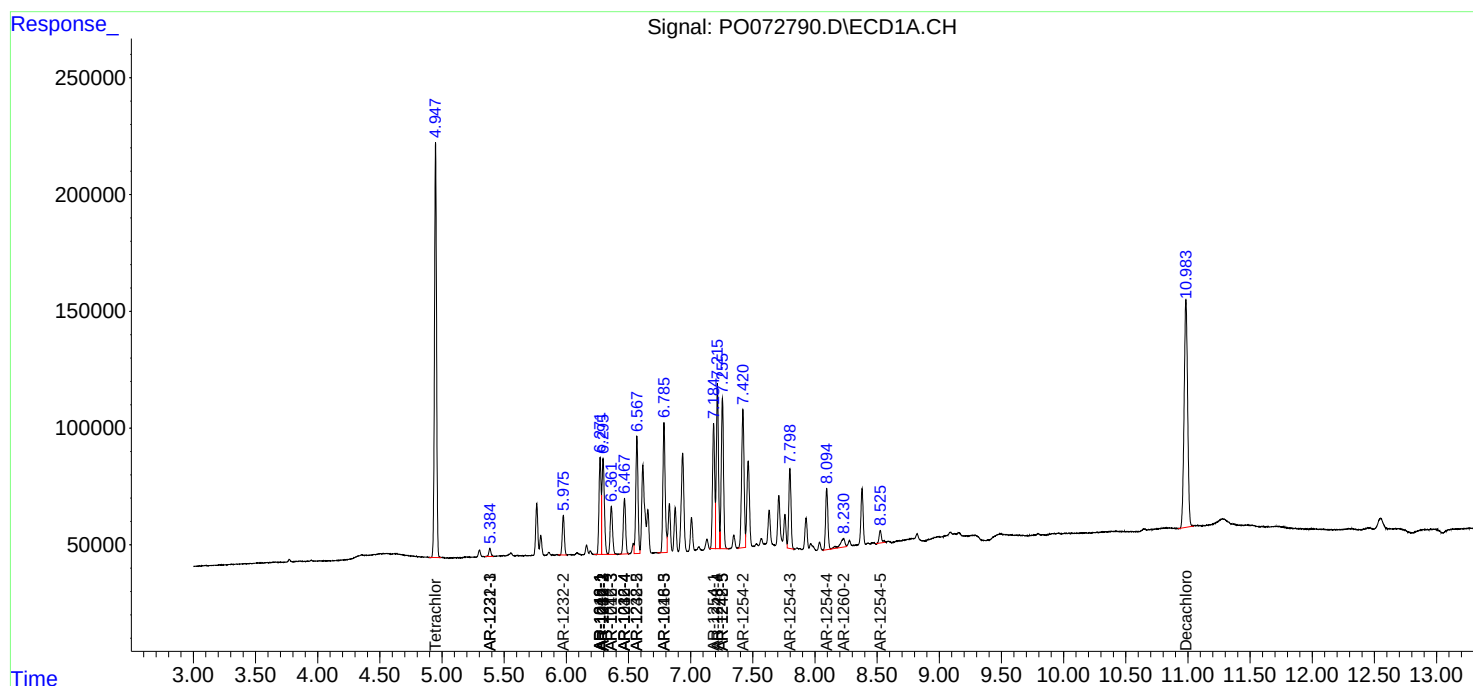
Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248

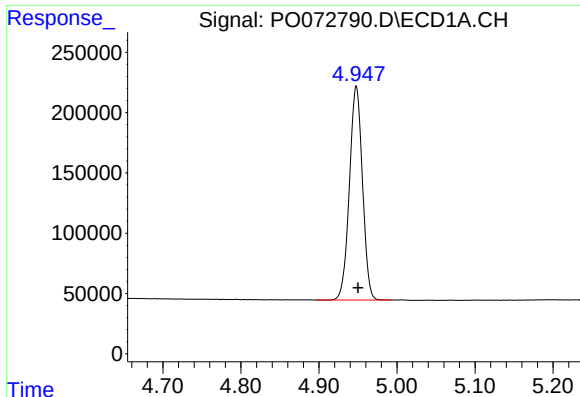
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102620\  
Data File : PO072790.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Oct 2020 00:02  
Operator : DD\AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 27 05:37:43 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102620.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 27 05:29:40 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

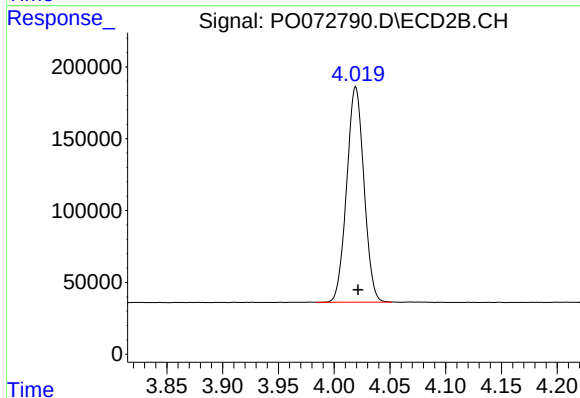




#1 Tetrachloro-m-xylene

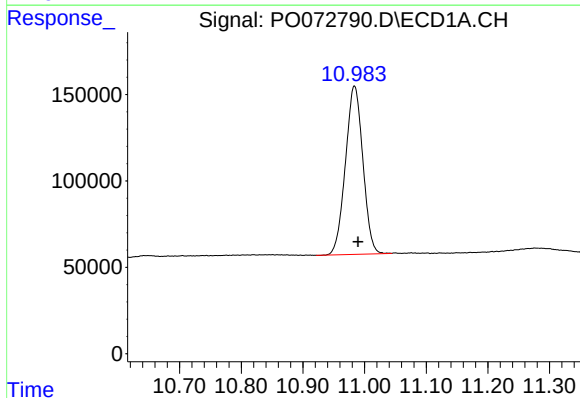
R.T.: 4.948 min  
Delta R.T.: -0.002 min  
Response: 2059886  
Conc: 44.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



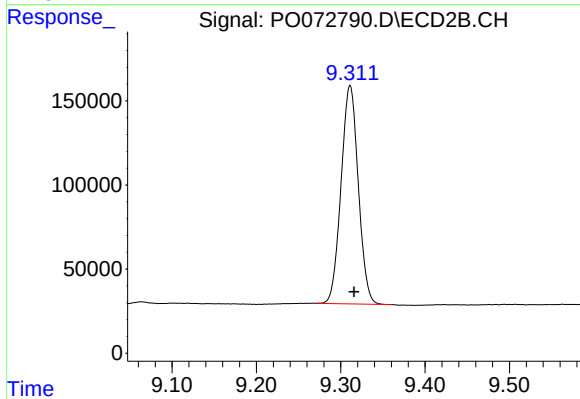
#1 Tetrachloro-m-xylene

R.T.: 4.019 min  
Delta R.T.: -0.002 min  
Response: 1614678  
Conc: 46.07 ng/ml



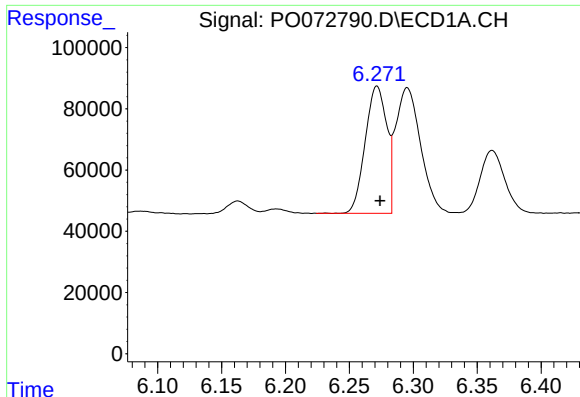
#2 Decachlorobiphenyl

R.T.: 10.984 min  
Delta R.T.: -0.006 min  
Response: 1910394  
Conc: 51.71 ng/ml



#2 Decachlorobiphenyl

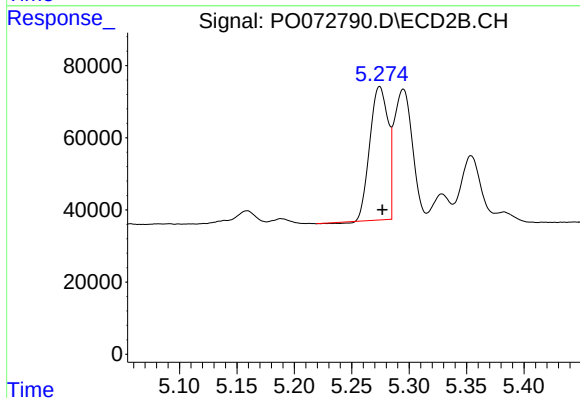
R.T.: 9.311 min  
Delta R.T.: -0.005 min  
Response: 1840740  
Conc: 55.20 ng/ml



#3 AR-1016-1

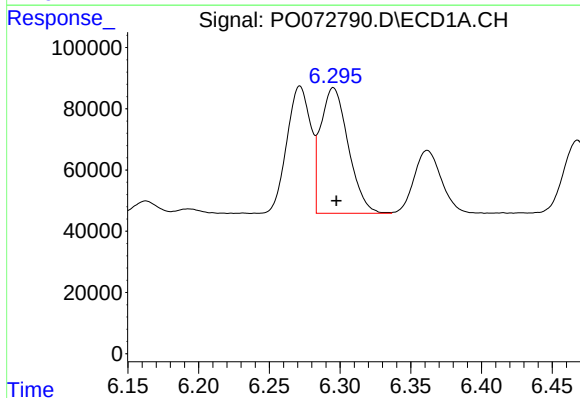
R.T.: 6.272 min  
Delta R.T.: -0.002 min  
Response: 485546  
Conc: 284.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



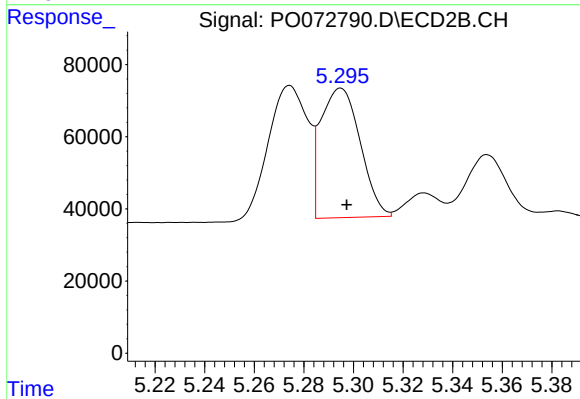
#3 AR-1016-1

R.T.: 5.274 min  
Delta R.T.: -0.002 min  
Response: 403506  
Conc: 281.10 ng/ml



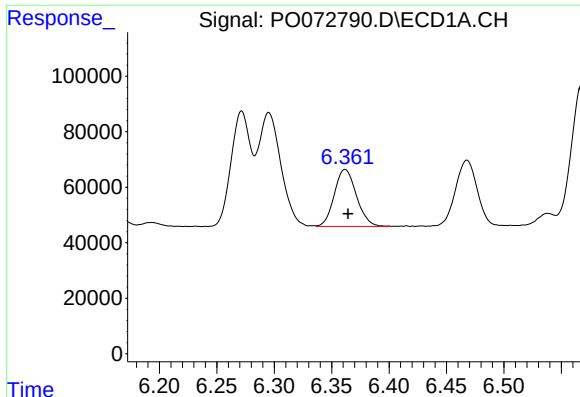
#4 AR-1016-2

R.T.: 6.295 min  
Delta R.T.: -0.002 min  
Response: 557406  
Conc: 236.26 ng/ml



#4 AR-1016-2

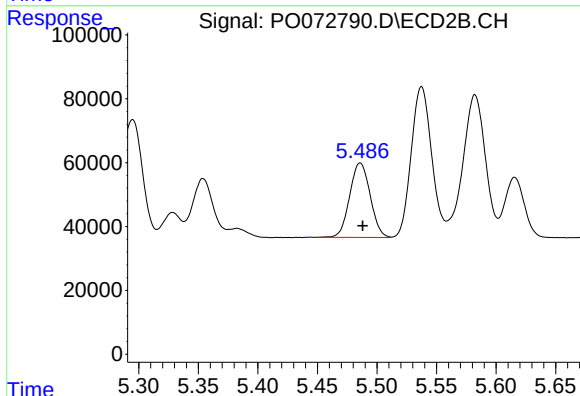
R.T.: 5.295 min  
Delta R.T.: -0.002 min  
Response: 395650  
Conc: 204.48 ng/ml



#5 AR-1016-3

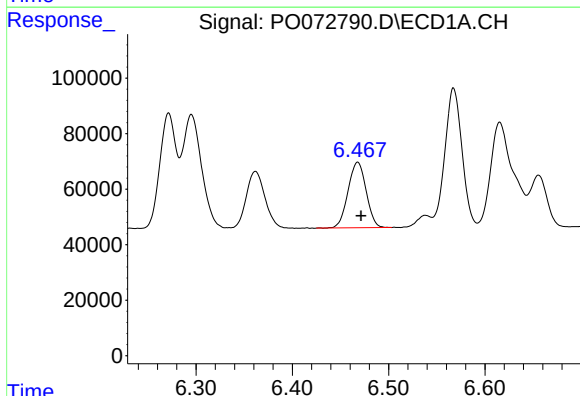
R.T.: 6.362 min  
Delta R.T.: -0.003 min  
Response: 275221  
Conc: 190.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



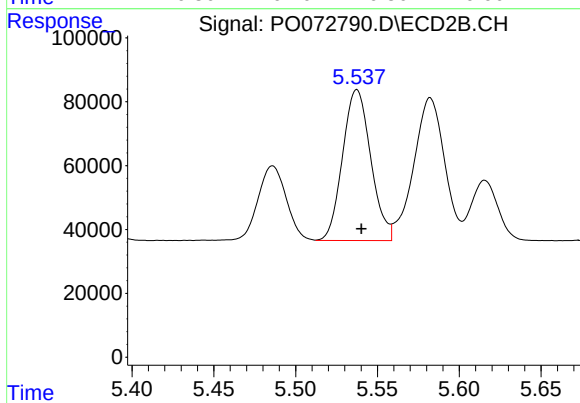
#5 AR-1016-3

R.T.: 5.486 min  
Delta R.T.: -0.002 min  
Response: 279762  
Conc: 266.81 ng/ml



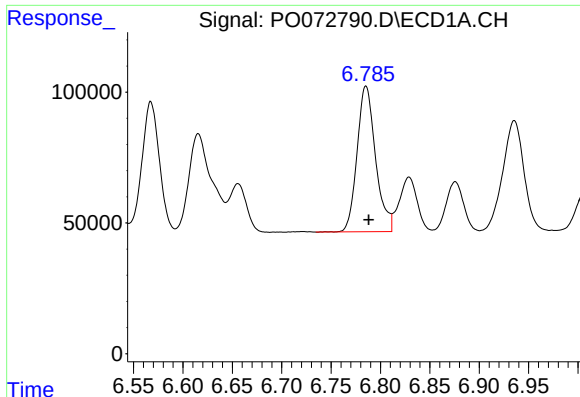
#6 AR-1016-4

R.T.: 6.468 min  
Delta R.T.: -0.004 min  
Response: 307514  
Conc: 261.74 ng/ml



#6 AR-1016-4

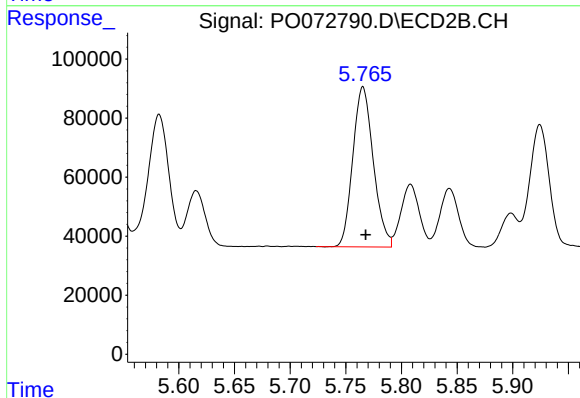
R.T.: 5.537 min  
Delta R.T.: -0.003 min  
Response: 566690  
Conc: 654.09 ng/ml



#7 AR-1016-5

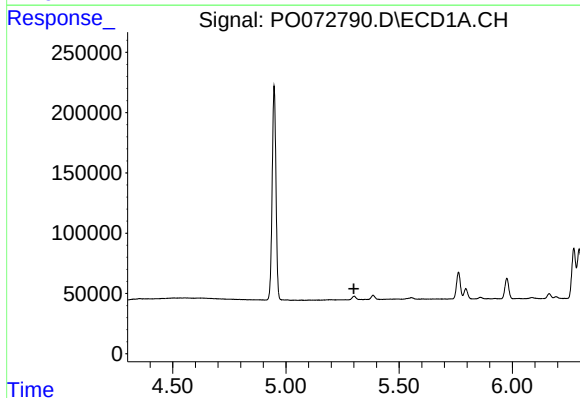
R.T.: 6.785 min  
Delta R.T.: -0.003 min  
Response: 724524  
Conc: 675.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



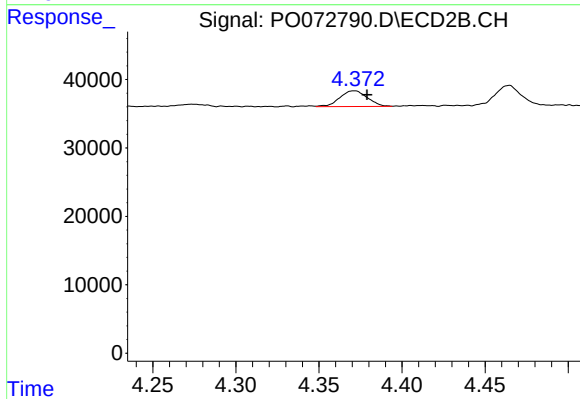
#7 AR-1016-5

R.T.: 5.765 min  
Delta R.T.: -0.003 min  
Response: 694487  
Conc: 646.23 ng/ml



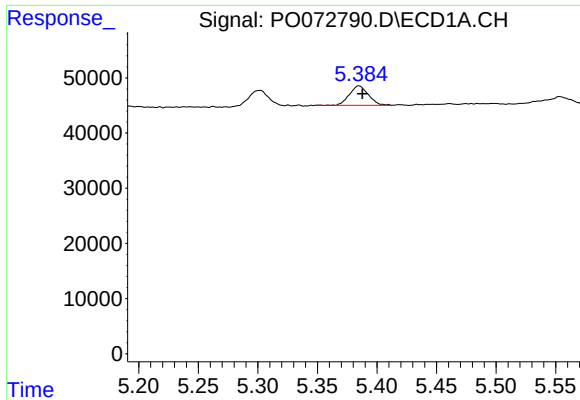
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 5.300 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

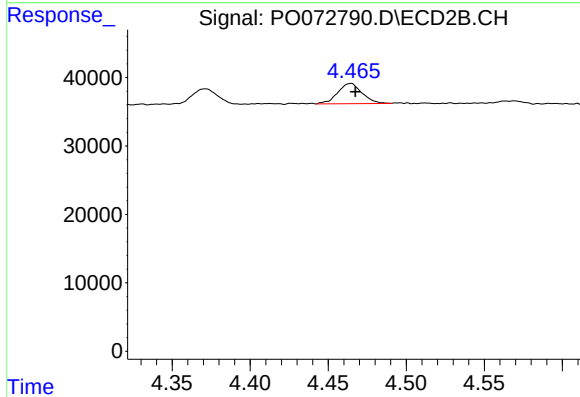
R.T.: 4.372 min  
Delta R.T.: -0.007 min  
Response: 26469  
Conc: 77.94 ng/ml



#10 AR-1221-3

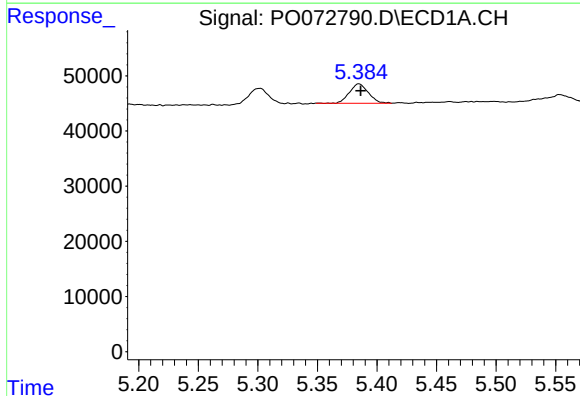
R.T.: 5.385 min  
Delta R.T.: -0.003 min  
Response: 39108  
Conc: 31.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



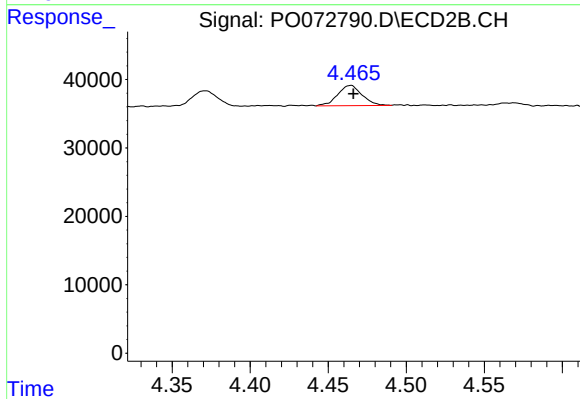
#10 AR-1221-3

R.T.: 4.465 min  
Delta R.T.: -0.003 min  
Response: 32170  
Conc: 31.65 ng/ml



#11 AR-1232-1

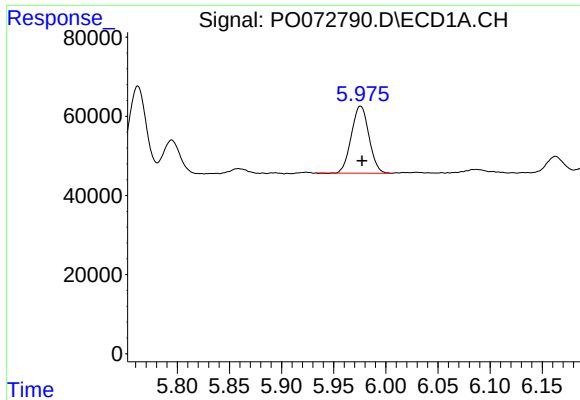
R.T.: 5.385 min  
Delta R.T.: -0.001 min  
Response: 39108  
Conc: 36.71 ng/ml



#11 AR-1232-1

R.T.: 4.465 min  
Delta R.T.: -0.001 min  
Response: 32170  
Conc: 36.70 ng/ml

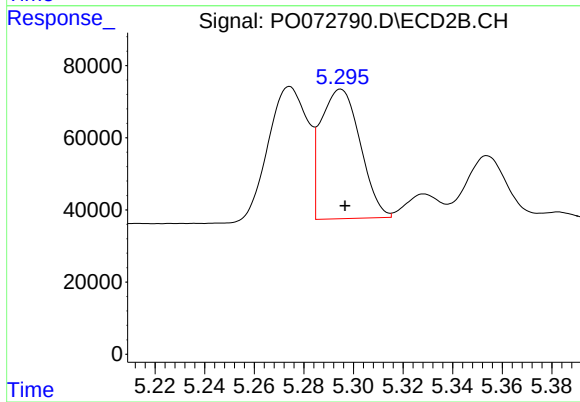




#12 AR-1232-2

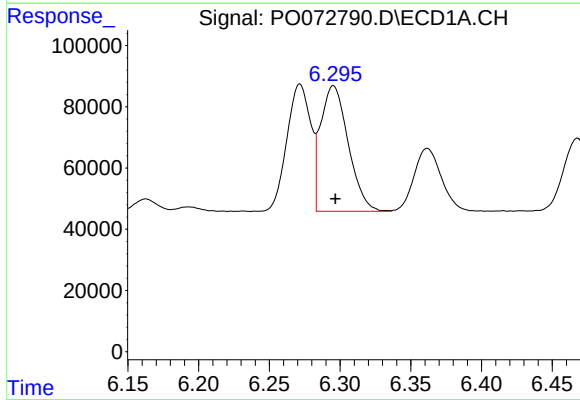
R.T.: 5.976 min  
Delta R.T.: -0.001 min  
Response: 199253  
Conc: 376.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



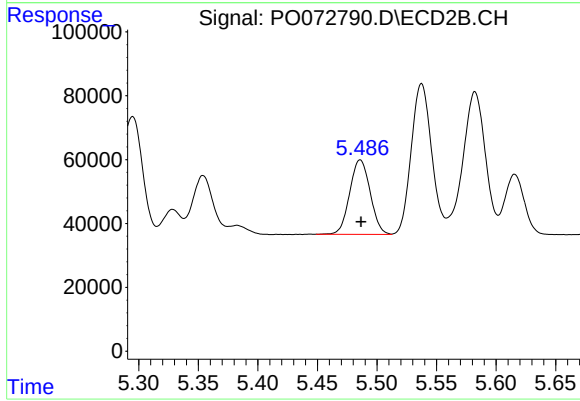
#12 AR-1232-2

R.T.: 5.295 min  
Delta R.T.: -0.002 min  
Response: 395650  
Conc: 451.72 ng/ml



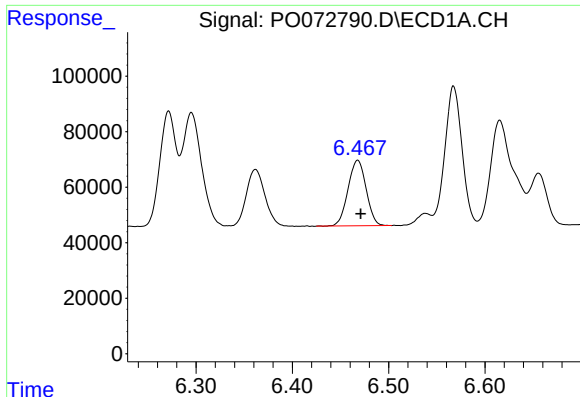
#13 AR-1232-3

R.T.: 6.295 min  
Delta R.T.: -0.001 min  
Response: 557406  
Conc: 539.13 ng/ml



#13 AR-1232-3

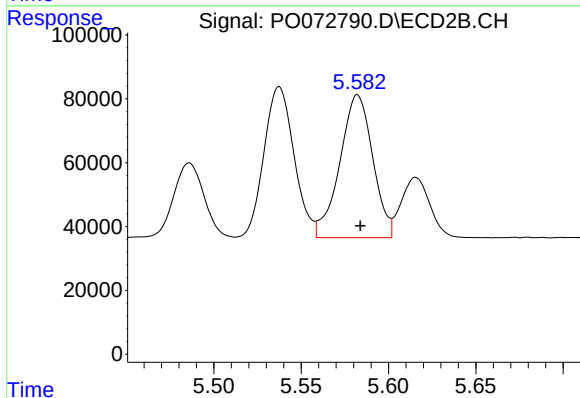
R.T.: 5.486 min  
Delta R.T.: 0.000 min  
Response: 279762  
Conc: 595.49 ng/ml



#14 AR-1232-4

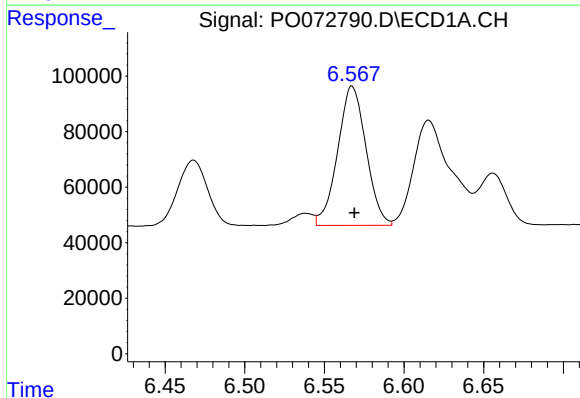
R.T.: 6.468 min  
Delta R.T.: -0.003 min  
Response: 307514  
Conc: 598.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



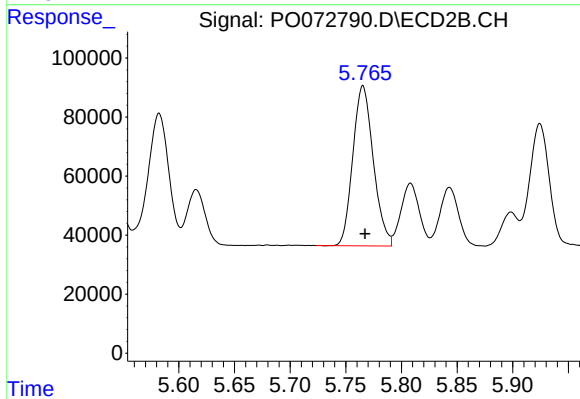
#14 AR-1232-4

R.T.: 5.582 min  
Delta R.T.: -0.002 min  
Response: 587657  
Conc: 1380.02 ng/ml



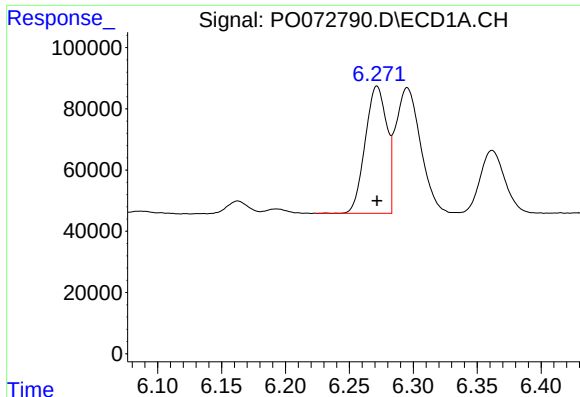
#15 AR-1232-5

R.T.: 6.567 min  
Delta R.T.: -0.001 min  
Response: 620993  
Conc: 1754.54 ng/ml



#15 AR-1232-5

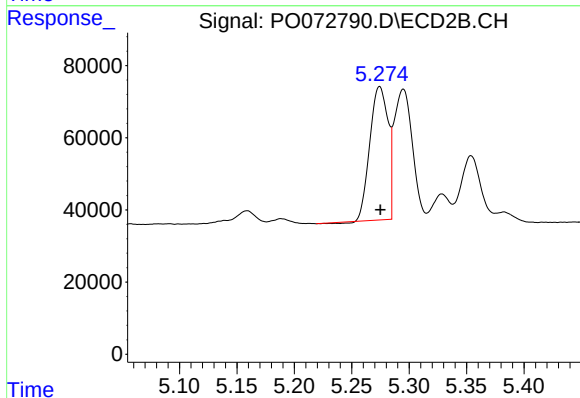
R.T.: 5.765 min  
Delta R.T.: -0.002 min  
Response: 694487  
Conc: 1488.44 ng/ml



#16 AR-1242-1

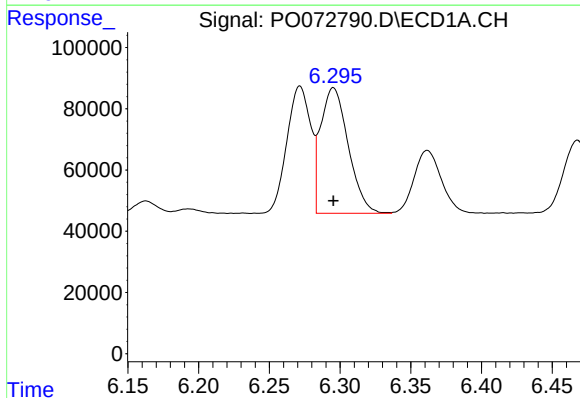
R.T.: 6.272 min  
Delta R.T.: 0.000 min  
Response: 485546  
Conc: 349.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



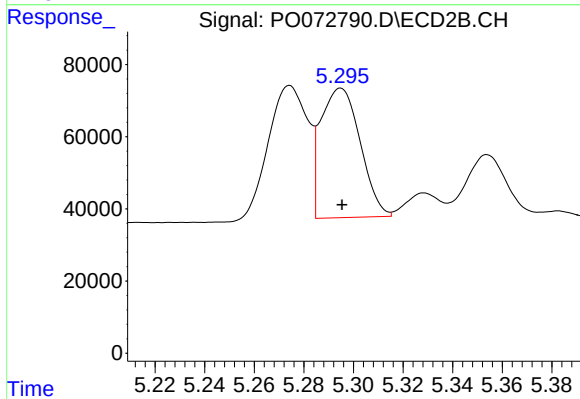
#16 AR-1242-1

R.T.: 5.274 min  
Delta R.T.: 0.000 min  
Response: 403506  
Conc: 343.19 ng/ml



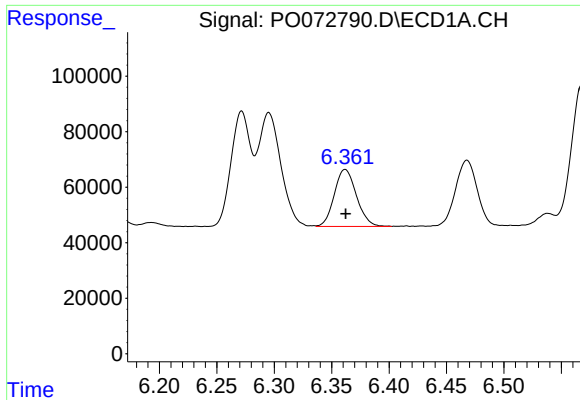
#17 AR-1242-2

R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 557406  
Conc: 291.58 ng/ml



#17 AR-1242-2

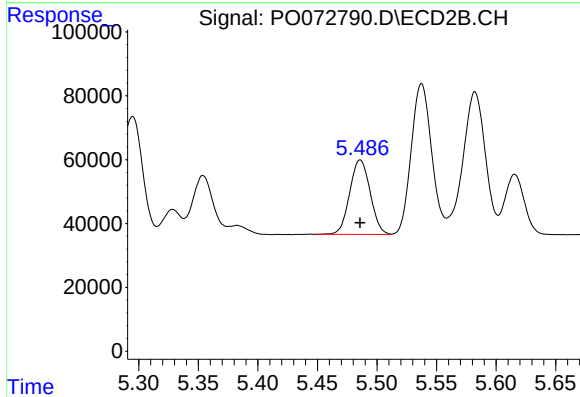
R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 395650  
Conc: 249.14 ng/ml



#18 AR-1242-3

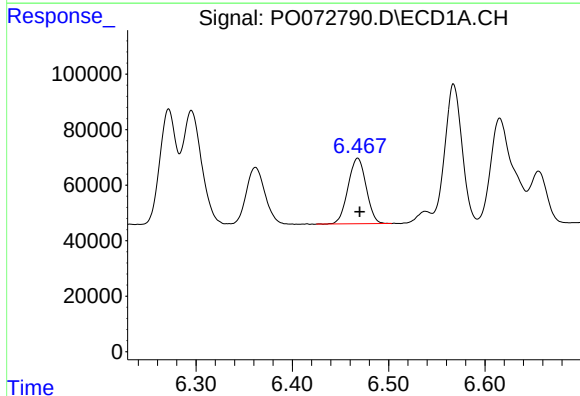
R.T.: 6.362 min  
Delta R.T.: 0.000 min  
Response: 275221  
Conc: 232.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



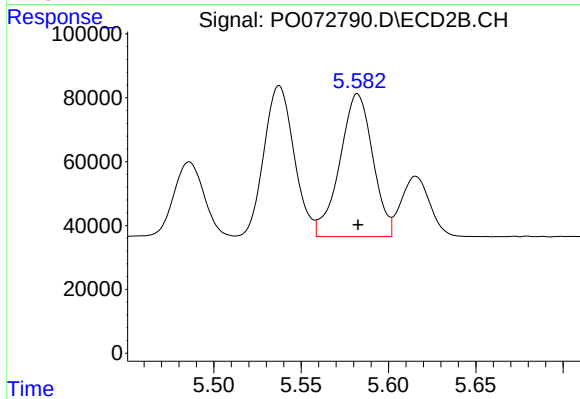
#18 AR-1242-3

R.T.: 5.486 min  
Delta R.T.: 0.000 min  
Response: 279762  
Conc: 323.62 ng/ml



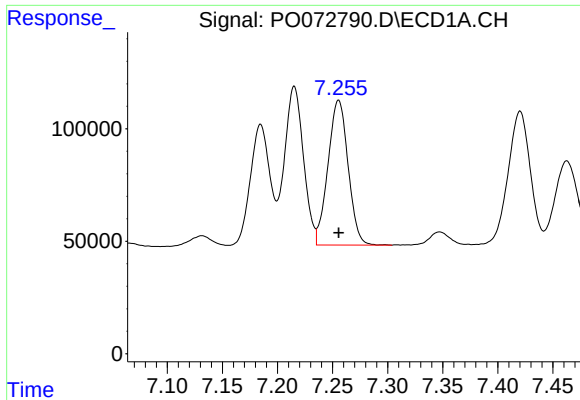
#19 AR-1242-4

R.T.: 6.468 min  
Delta R.T.: -0.002 min  
Response: 307514  
Conc: 317.63 ng/ml



#19 AR-1242-4

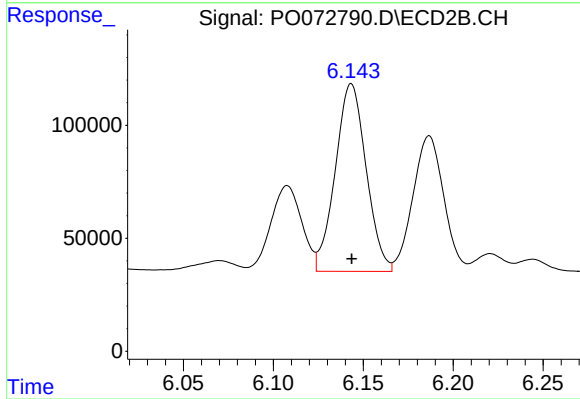
R.T.: 5.582 min  
Delta R.T.: 0.000 min  
Response: 587657  
Conc: 708.02 ng/ml



#20 AR-1242-5

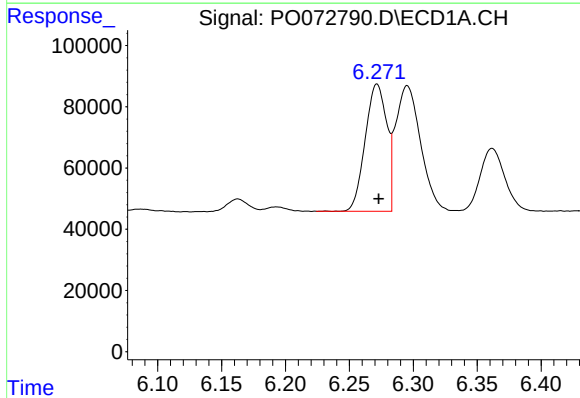
R.T.: 7.255 min  
Delta R.T.: 0.000 min  
Response: 819619  
Conc: 800.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



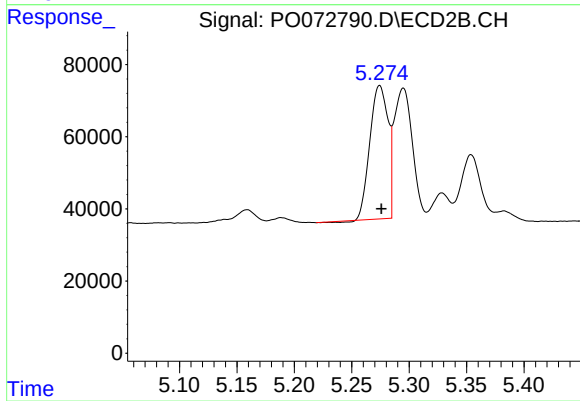
#20 AR-1242-5

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 990786  
Conc: 923.30 ng/ml



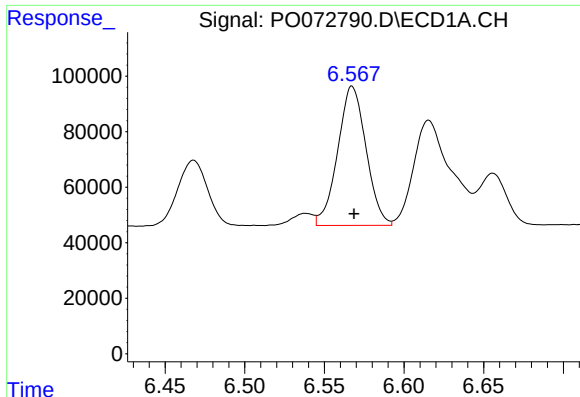
#21 AR-1248-1

R.T.: 6.272 min  
Delta R.T.: -0.001 min  
Response: 485546  
Conc: 470.54 ng/ml



#21 AR-1248-1

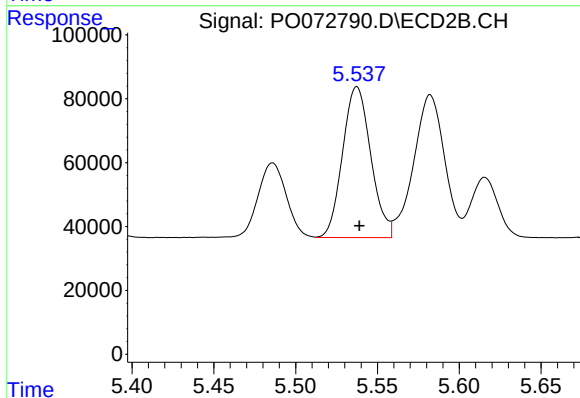
R.T.: 5.274 min  
Delta R.T.: -0.002 min  
Response: 403506  
Conc: 425.63 ng/ml



#22 AR-1248-2

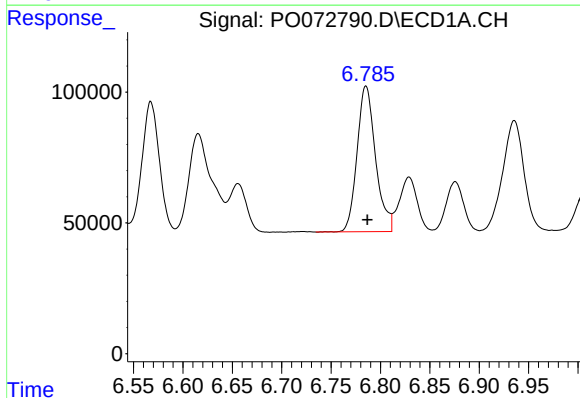
R.T.: 6.567 min  
Delta R.T.: -0.001 min  
Response: 620993  
Conc: 472.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



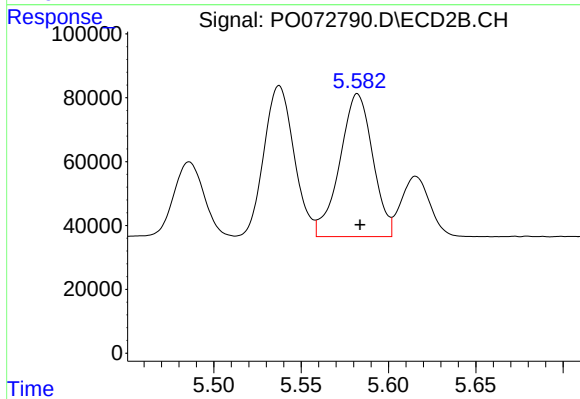
#22 AR-1248-2

R.T.: 5.537 min  
Delta R.T.: -0.001 min  
Response: 566690  
Conc: 450.55 ng/ml



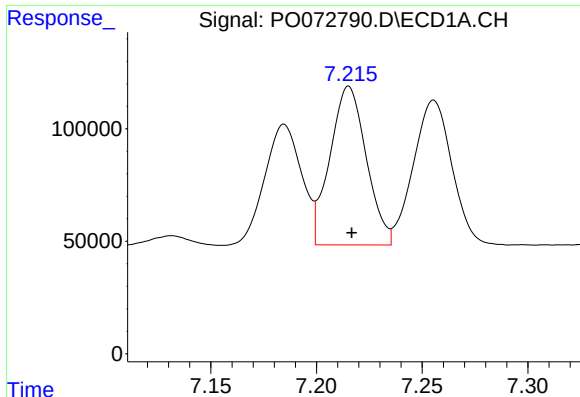
#23 AR-1248-3

R.T.: 6.785 min  
Delta R.T.: -0.001 min  
Response: 724524  
Conc: 489.00 ng/ml



#23 AR-1248-3

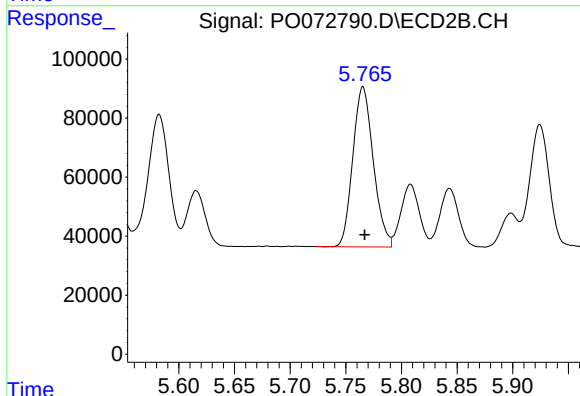
R.T.: 5.582 min  
Delta R.T.: -0.001 min  
Response: 587657  
Conc: 454.40 ng/ml



#24 AR-1248-4

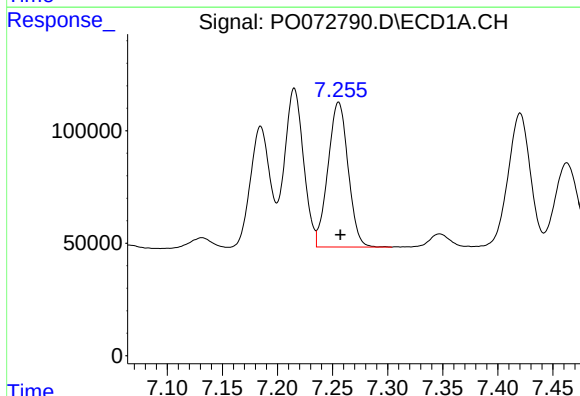
R.T.: 7.215 min  
Delta R.T.: -0.001 min  
Response: 844493  
Conc: 467.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



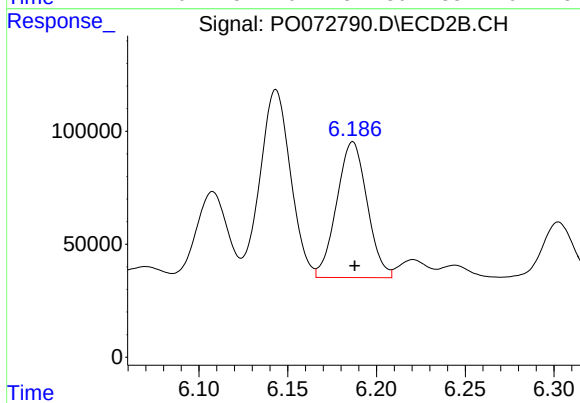
#24 AR-1248-4

R.T.: 5.765 min  
Delta R.T.: -0.002 min  
Response: 694487  
Conc: 446.99 ng/ml



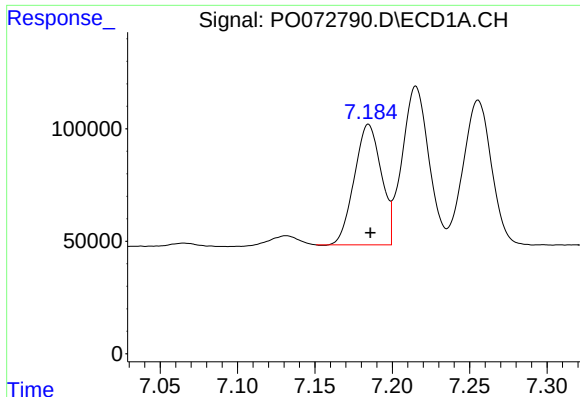
#25 AR-1248-5

R.T.: 7.255 min  
Delta R.T.: -0.002 min  
Response: 819619  
Conc: 475.51 ng/ml



#25 AR-1248-5

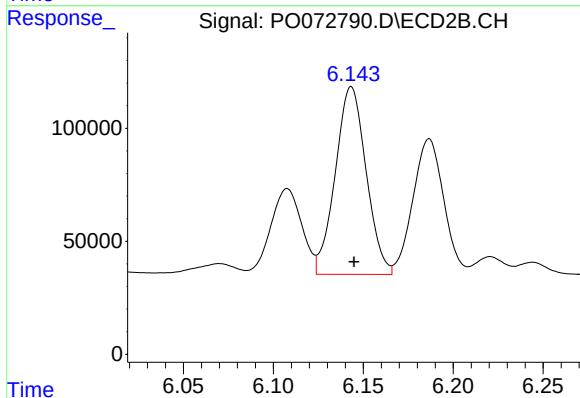
R.T.: 6.187 min  
Delta R.T.: -0.001 min  
Response: 717966  
Conc: 466.32 ng/ml



#26 AR-1254-1

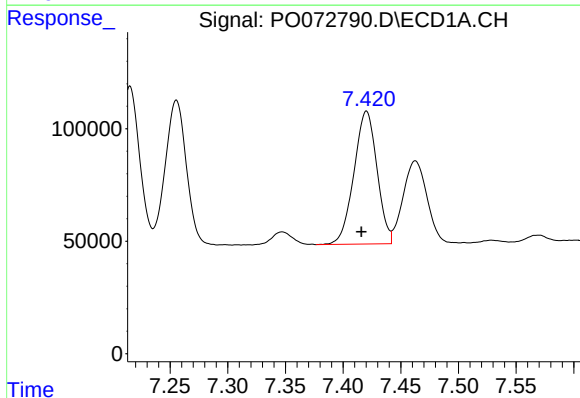
R.T.: 7.185 min  
Delta R.T.: -0.001 min  
Response: 649495  
Conc: 374.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



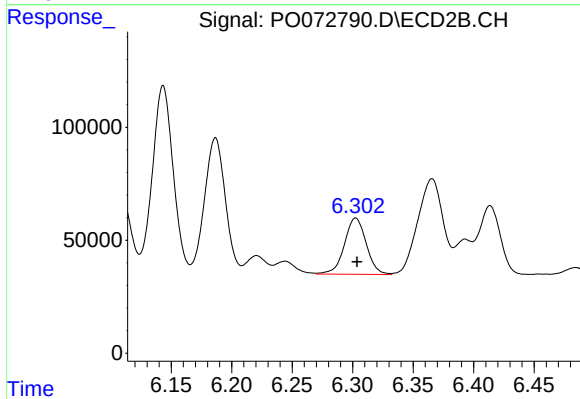
#26 AR-1254-1

R.T.: 6.143 min  
Delta R.T.: -0.002 min  
Response: 990786  
Conc: 440.19 ng/ml



#27 AR-1254-2

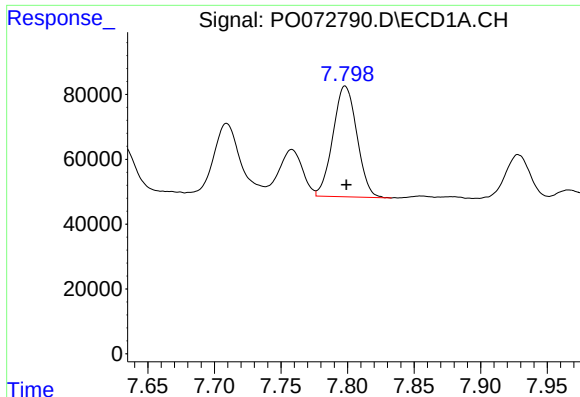
R.T.: 7.420 min  
Delta R.T.: 0.004 min  
Response: 821597  
Conc: 307.49 ng/ml



#27 AR-1254-2

R.T.: 6.303 min  
Delta R.T.: -0.001 min  
Response: 313044  
Conc: 155.86 ng/ml

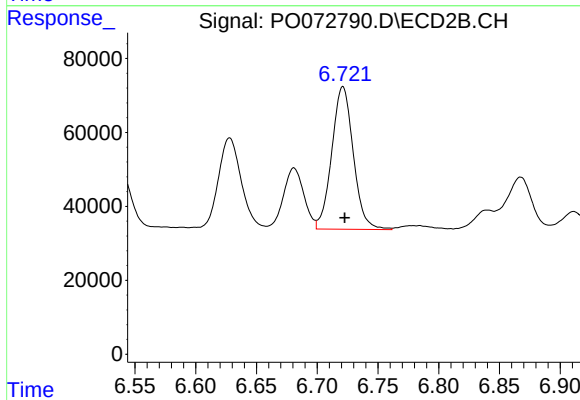




#28 AR-1254-3

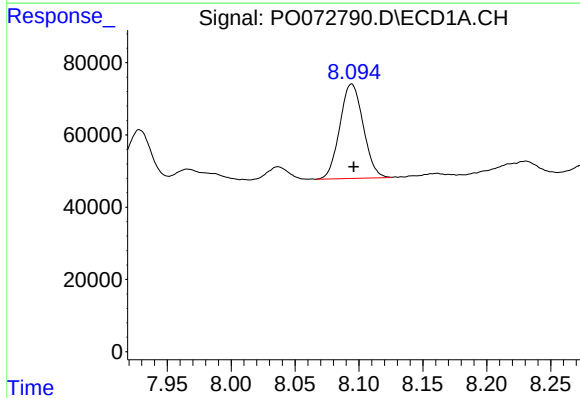
R.T.: 7.798 min  
Delta R.T.: -0.001 min  
Response: 429304  
Conc: 158.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



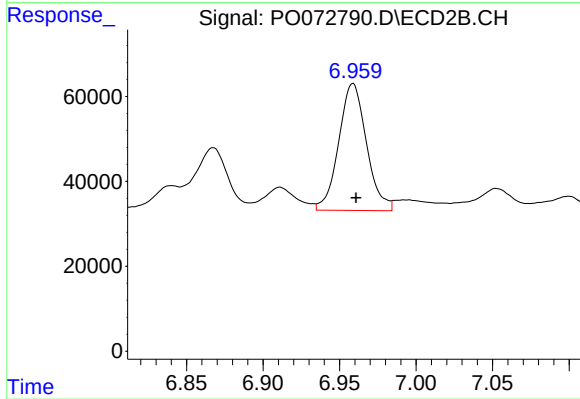
#28 AR-1254-3

R.T.: 6.721 min  
Delta R.T.: -0.001 min  
Response: 476261  
Conc: 149.90 ng/ml



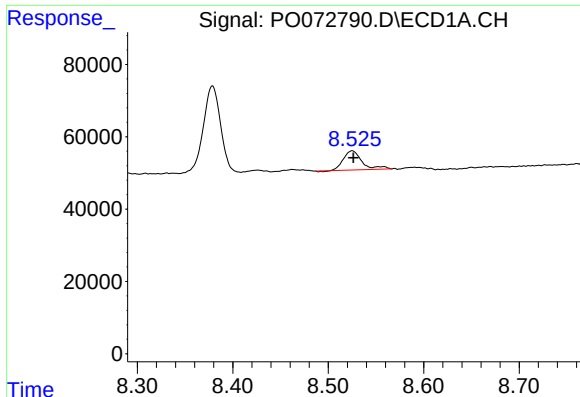
#29 AR-1254-4

R.T.: 8.094 min  
Delta R.T.: -0.002 min  
Response: 334126  
Conc: 152.47 ng/ml



#29 AR-1254-4

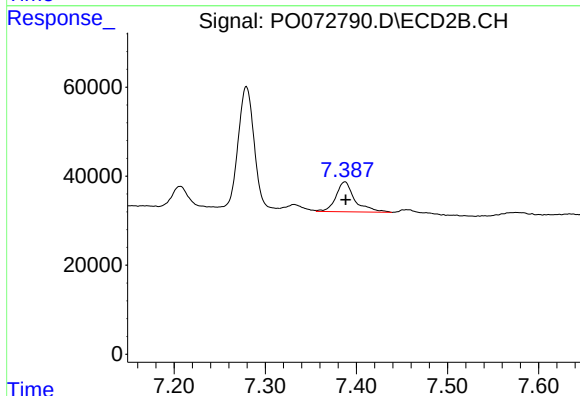
R.T.: 6.959 min  
Delta R.T.: -0.002 min  
Response: 378408  
Conc: 173.99 ng/ml



#30 AR-1254-5

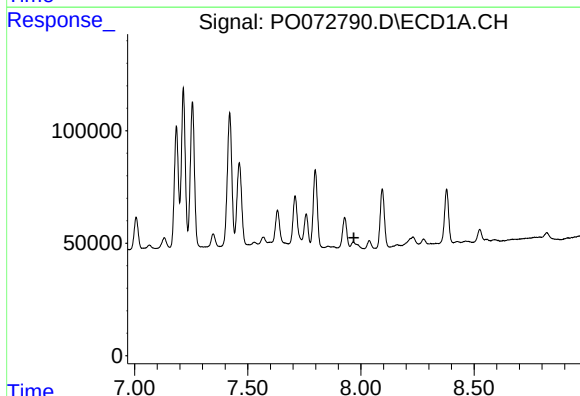
R.T.: 8.525 min  
Delta R.T.: -0.001 min  
Response: 71648  
Conc: 32.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



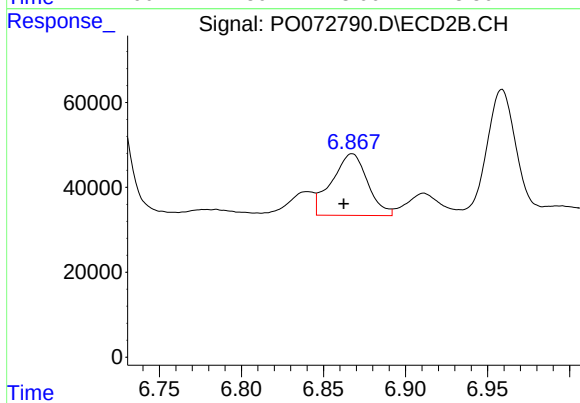
#30 AR-1254-5

R.T.: 7.387 min  
Delta R.T.: -0.001 min  
Response: 97806  
Conc: 35.14 ng/ml



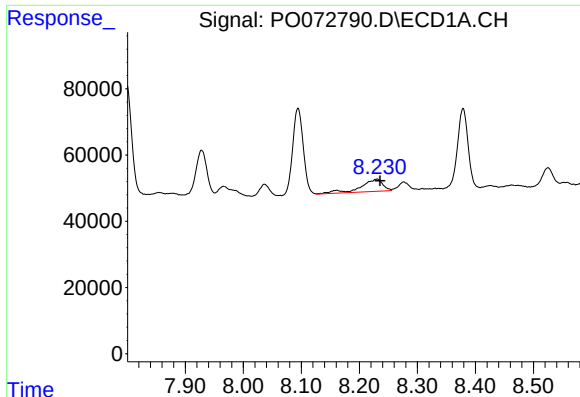
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.969 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

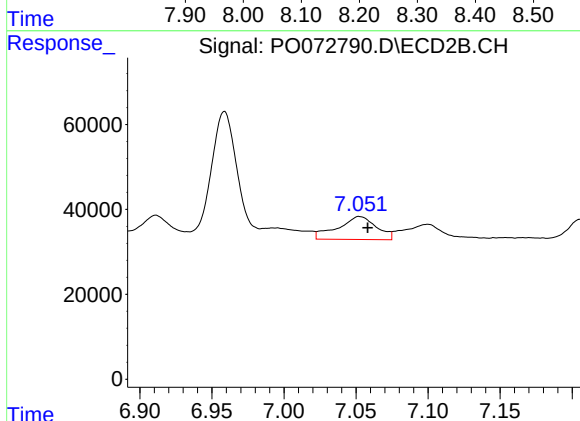
R.T.: 6.867 min  
Delta R.T.: 0.005 min  
Response: 220753  
Conc: 111.01 ng/ml



#32 AR-1260-2

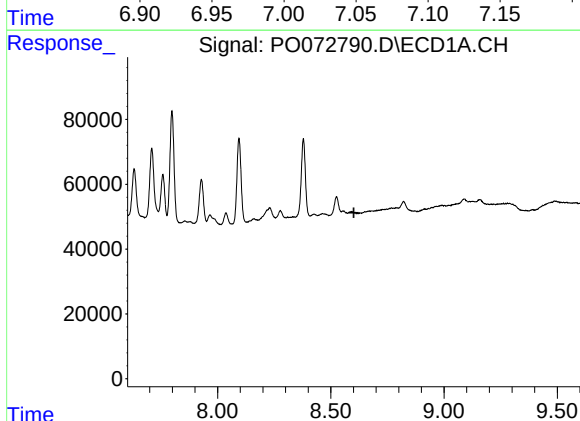
R.T.: 8.230 min  
Delta R.T.: -0.005 min  
Response: 98491  
Conc: 43.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



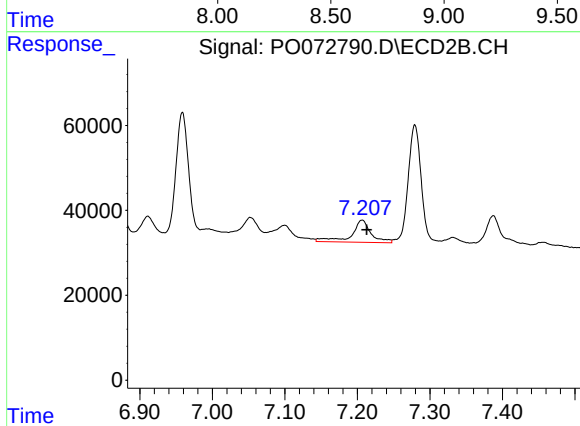
#32 AR-1260-2

R.T.: 7.052 min  
Delta R.T.: -0.006 min  
Response: 101317  
Conc: 40.44 ng/ml



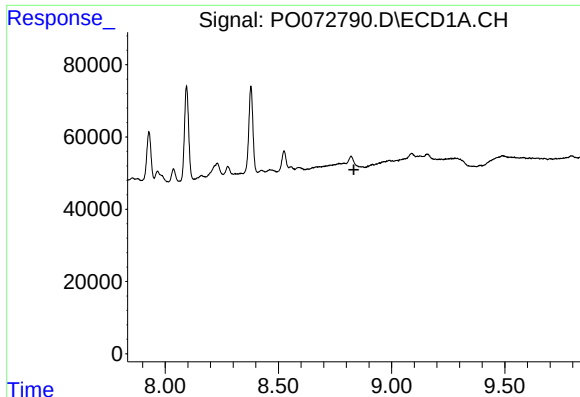
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.602 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

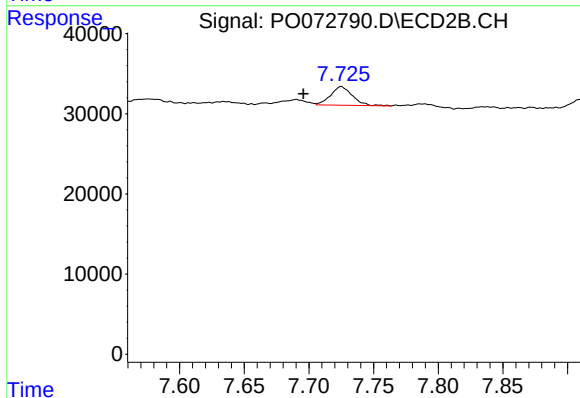
R.T.: 7.207 min  
Delta R.T.: -0.006 min  
Response: 97605  
Conc: 44.28 ng/ml



#34 AR-1260-4

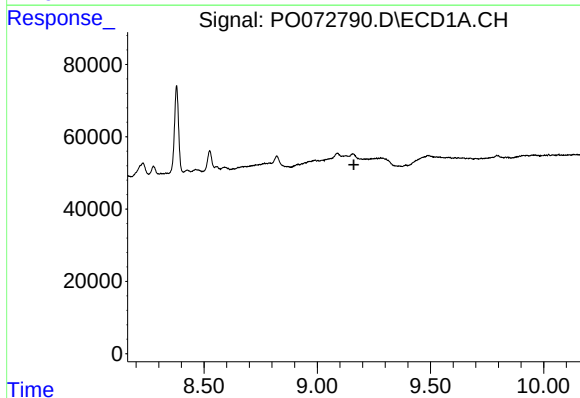
R.T.: 0.000 min  
Exp R.T. : 8.834 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



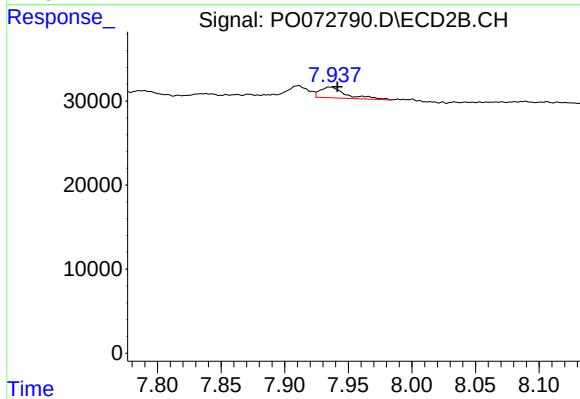
#34 AR-1260-4

R.T.: 7.725 min  
Delta R.T.: 0.029 min  
Response: 27225  
Conc: 14.79 ng/ml



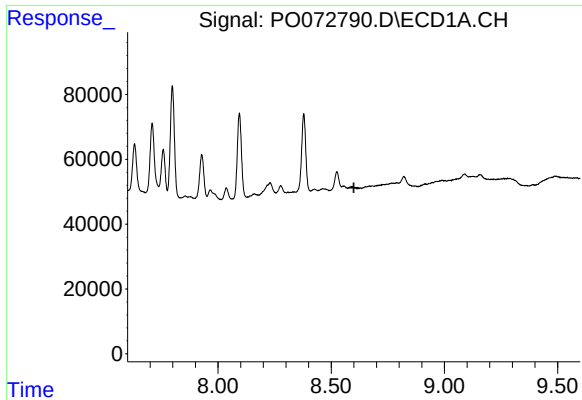
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 9.162 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

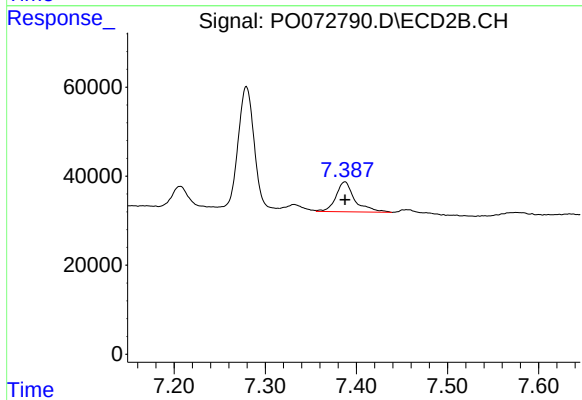
R.T.: 7.936 min  
Delta R.T.: -0.006 min  
Response: 18103  
Conc: 4.12 ng/ml



#36 AR-1262-1

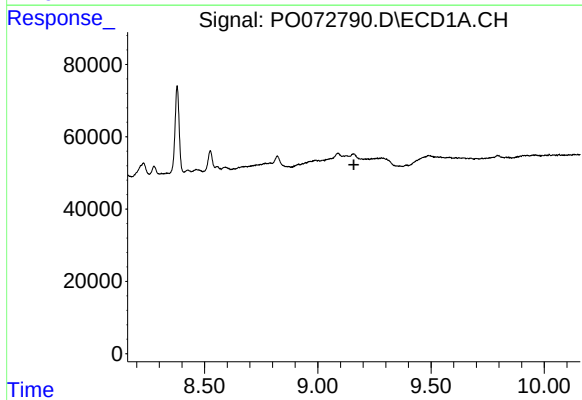
R.T.: 0.000 min  
Exp R.T.: 8.600 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



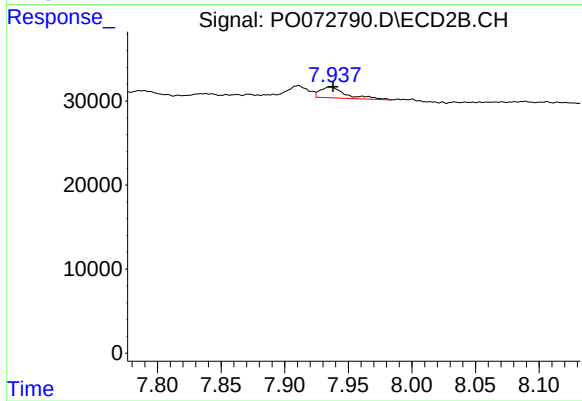
#36 AR-1262-1

R.T.: 7.387 min  
Delta R.T.: 0.000 min  
Response: 97806  
Conc: 70.54 ng/ml



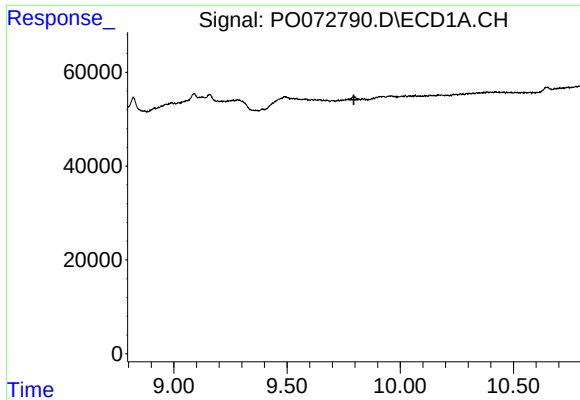
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 9.160 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

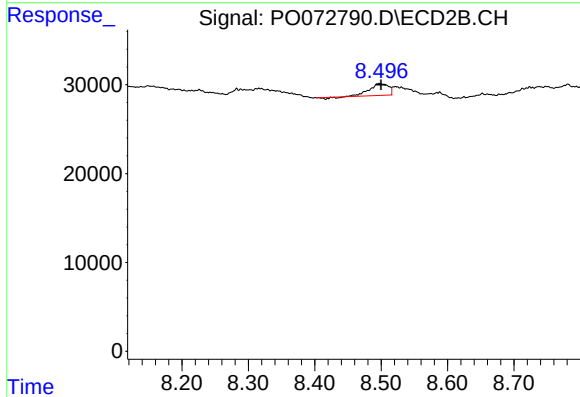
R.T.: 7.936 min  
Delta R.T.: -0.003 min  
Response: 18103  
Conc: 3.97 ng/ml



#43 AR-1268-3

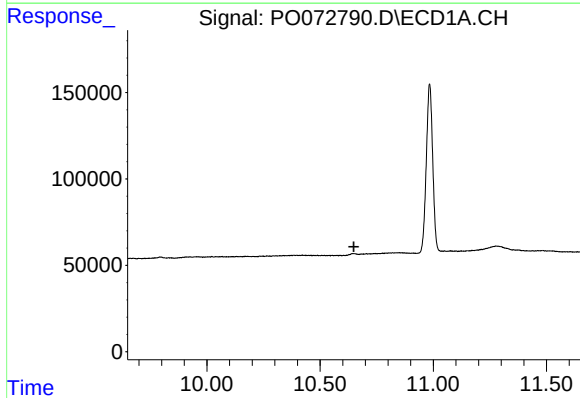
R.T.: 0.000 min  
Exp R.T.: 9.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO102620AR1248



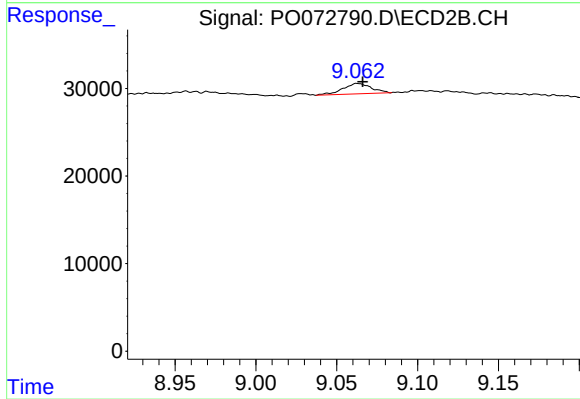
#43 AR-1268-3

R.T.: 8.497 min  
Delta R.T.: -0.003 min  
Response: 25974  
Conc: 6.17 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.649 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.063 min  
Delta R.T.: -0.003 min  
Response: 14632  
Conc: 1.13 ng/ml