

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO112018\  
 Data File : PO051681.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Nov 2018 1:23  
 Operator : SM/SJ  
 Sample : J6000-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 21 03:18:24 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO112018.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 21 00:55:28 2018  
 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... | 4.317 | 3.322 | 12521919 | 4025156  | 16.634  | 16.816     |
| 2)                          | SA Decachlor... | 9.936 | 8.042 | 6437000  | 2535628  | 13.876  | 11.730     |
|                             |                 |       |       |          |          |         |            |
| Target Compounds            |                 |       |       |          |          |         |            |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.552 | 0        | 1477385  | N.D.    | 241.977 #  |
| 6)                          | L1 AR-1016-4    | 5.698 | 4.552 | 370918   | 1477385  | 22.335  | 278.424 #  |
| 7)                          | L1 AR-1016-5    | 5.951 | 4.750 | 2215468  | 878123   | 139.221 | 134.554    |
| 8)                          | L2 AR-1221-1    | 4.508 | 0.000 | 589760   | 0        | 82.950  | N.D. #     |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.552 | 0        | 1477385  | N.D.    | 565.207 #  |
| 14)                         | L3 AR-1232-4    | 5.698 | 4.589 | 370918   | 513753   | 52.098  | 233.095 #  |
| 15)                         | L3 AR-1232-5    | 5.748 | 4.750 | 3326675  | 878123   | 673.028 | 346.903 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.552 | 0        | 1477385  | N.D.    | 297.853 #  |
| 19)                         | L4 AR-1242-4    | 5.698 | 4.589 | 370918   | 513753   | 28.089  | 108.419 #  |
| 20)                         | L4 AR-1242-5    | 6.393 | 5.081 | 3183137  | 6523917  | 238.155 | 1082.302 # |
| 22)                         | L5 AR-1248-2    | 5.748 | 4.552 | 3326675  | 1477385  | 156.483 | 187.237    |
| 23)                         | L5 AR-1248-3    | 5.951 | 4.589 | 2215468  | 513753   | 93.376  | 65.533 #   |
| 24)                         | L5 AR-1248-4    | 6.352 | 4.750 | 5422274  | 878123   | 205.154 | 90.512 #   |
| 25)                         | L5 AR-1248-5    | 6.393 | 5.119 | 3183137  | 782770   | 126.934 | 82.908 #   |
| 26)                         | L6 AR-1254-1    | 6.325 | 5.081 | 10881574 | 6523917  | 440.591 | 474.533    |
| 27)                         | L6 AR-1254-2    | 6.542 | 5.223 | 22110979 | 7251399  | 567.738 | 607.593    |
| 28)                         | L6 AR-1254-3    | 6.907 | 5.604 | 23841623 | 12409654 | 591.422 | 660.476    |
| 29)                         | L6 AR-1254-4    | 7.191 | 5.825 | 22196004 | 8536885  | 711.620 | 748.473    |
| 30)                         | L6 AR-1254-5    | 7.608 | 6.224 | 29242324 | 16111260 | 949.689 | 1020.858   |
| 31)                         | L7 AR-1260-1    | 7.068 | 5.728 | 12582763 | 7160854  | 417.907 | 527.847 #  |
| 32)                         | L7 AR-1260-2    | 7.324 | 5.912 | 18469556 | 7178076  | 437.499 | 413.643    |
| 33)                         | L7 AR-1260-3    | 7.679 | 6.054 | 7125557  | 6418590  | 245.261 | 419.021 #  |
| 34)                         | L7 AR-1260-4    | 7.901 | 6.509 | 10938762 | 1453877  | 397.750 | 143.066 #  |
| 35)                         | L7 AR-1260-5    | 8.217 | 6.748 | 11140807 | 3686789  | 193.394 | 142.834 #  |
| 36)                         | L8 AR-1262-1    | 7.679 | 6.289 | 7125557  | 928542   | 152.131 | 49.701 #   |
| 37)                         | L8 AR-1262-2    | 8.217 | 6.748 | 11140807 | 3686789  | 159.371 | 122.211    |
| 38)                         | L8 AR-1262-3    | 8.533 | 7.021 | 7883349  | 1132817  | 178.701 | 90.765 #   |
| 39)                         | L8 AR-1262-4    | 8.604 | 7.082 | 2632474  | 3586625  | 75.999  | 164.332 #  |
| 40)                         | L8 AR-1262-5    | 9.230 | 7.568 | 2572165  | 957435   | 124.534 | 107.757    |
| 41)                         | L9 AR-1268-1    | 8.533 | 7.021 | 7883349  | 1132817  | 85.013  | 28.691 #   |
| 42)                         | L9 AR-1268-2    | 8.604 | 7.082 | 2632474  | 3586625  | 32.993  | 97.190 #   |
| 43)                         | L9 AR-1268-3    | 8.820 | 7.280 | 516343   | 231510   | 7.377   | 7.021      |
| 44)                         | L9 AR-1268-4    | 9.230 | 7.568 | 2572165  | 957435   | 103.841 | 85.093     |
| 45)                         | L9 AR-1268-5    | 9.620 | 7.832 | 2425506  | 1027454  | 12.833  | 11.973     |
| -----                       |                 |       |       |          |          |         |            |

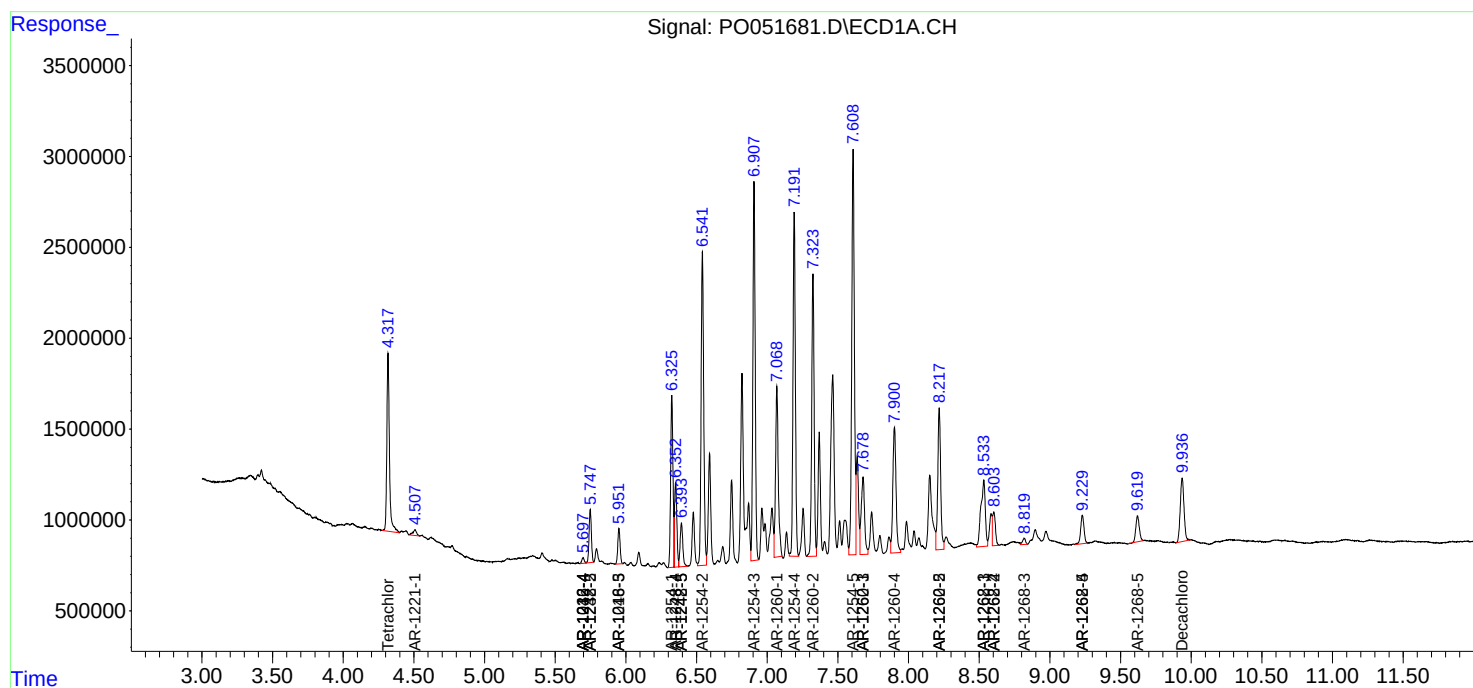
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

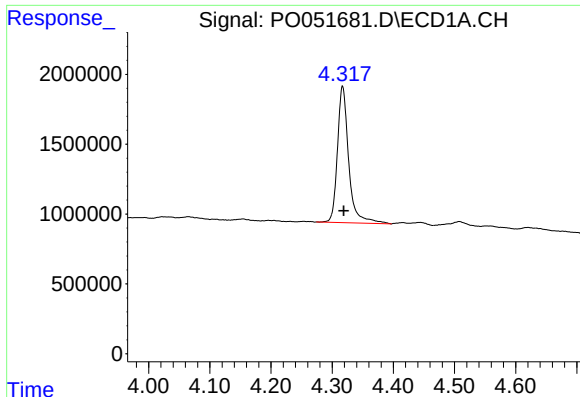
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO112018\  
Data File : PO051681.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Nov 2018 1:23  
Operator : SM/SJ  
Sample : J6000-01  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 03:18:24 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO112018.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 21 00:55:28 2018  
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

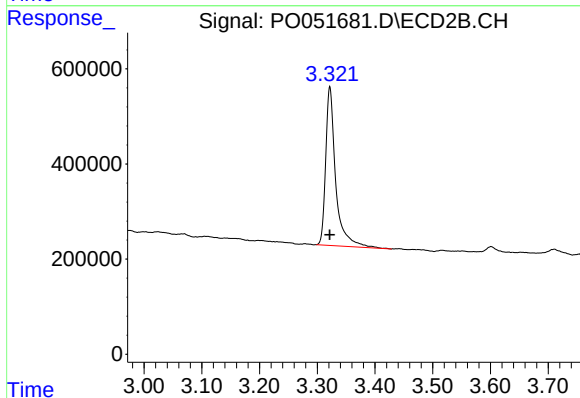




#1 Tetrachloro-m-xylene

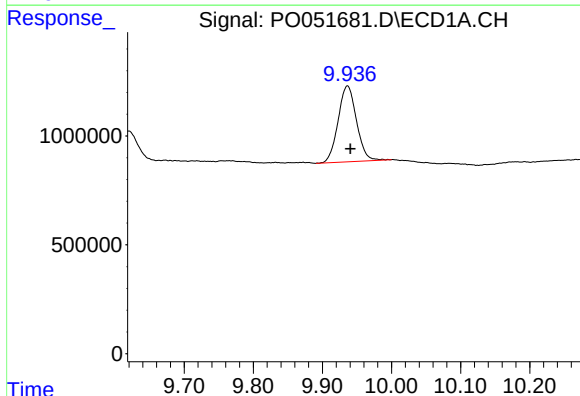
R.T.: 4.317 min  
Delta R.T.: -0.002 min  
Response: 12521919  
Conc: 16.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



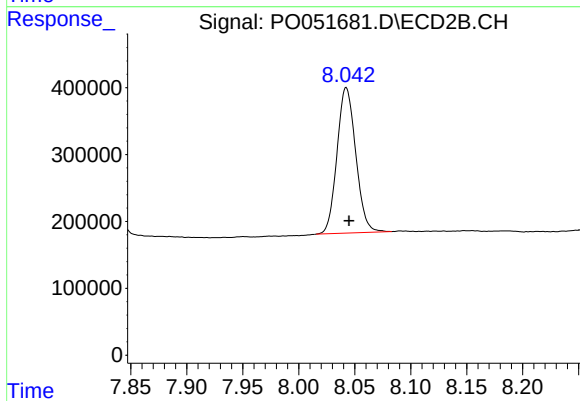
#1 Tetrachloro-m-xylene

R.T.: 3.322 min  
Delta R.T.: 0.000 min  
Response: 4025156  
Conc: 16.82 ng/ml



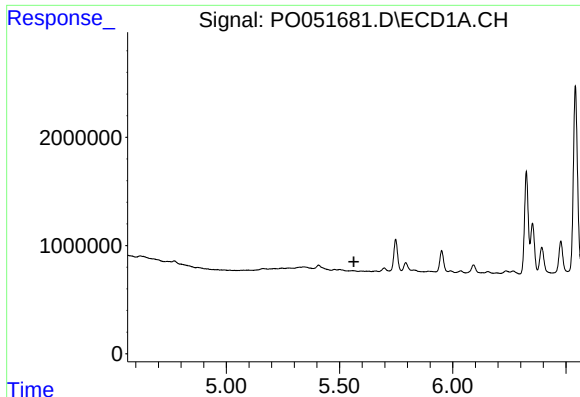
#2 Decachlorobiphenyl

R.T.: 9.936 min  
Delta R.T.: -0.004 min  
Response: 6437000  
Conc: 13.88 ng/ml



#2 Decachlorobiphenyl

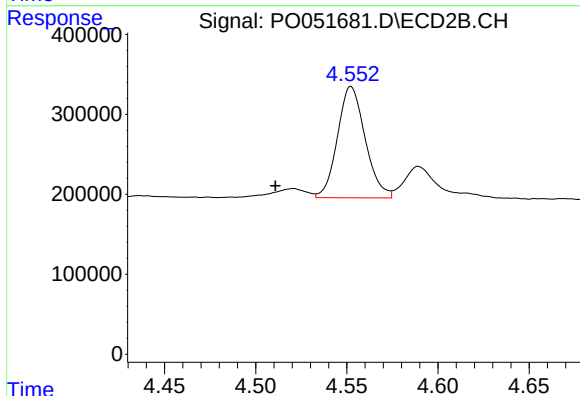
R.T.: 8.042 min  
Delta R.T.: -0.002 min  
Response: 2535628  
Conc: 11.73 ng/ml



#5 AR-1016-3

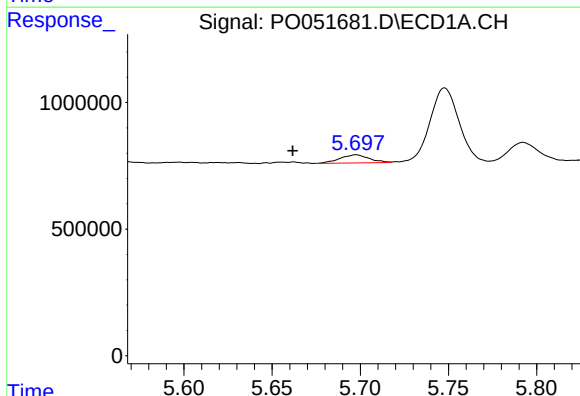
R.T.: 0.000 min  
Exp R.T.: 5.563 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



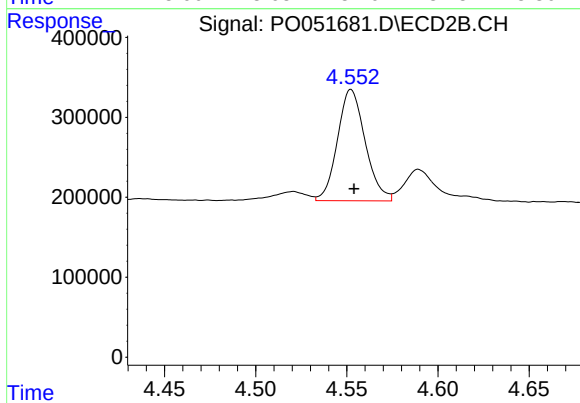
#5 AR-1016-3

R.T.: 4.552 min  
Delta R.T.: 0.041 min  
Response: 1477385  
Conc: 241.98 ng/ml



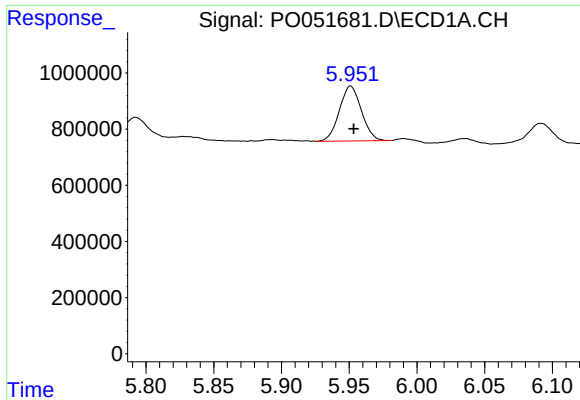
#6 AR-1016-4

R.T.: 5.698 min  
Delta R.T.: 0.036 min  
Response: 370918  
Conc: 22.33 ng/ml



#6 AR-1016-4

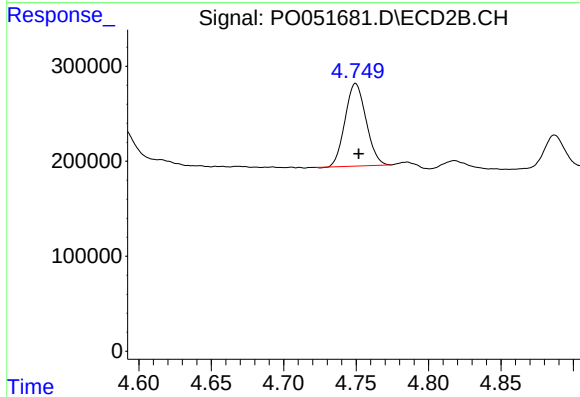
R.T.: 4.552 min  
Delta R.T.: -0.002 min  
Response: 1477385  
Conc: 278.42 ng/ml



#7 AR-1016-5

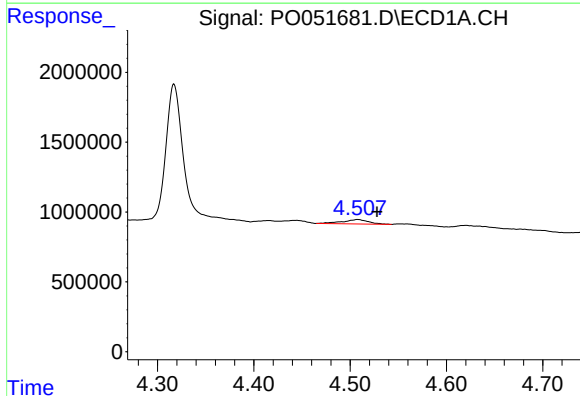
R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 2215468  
Conc: 139.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



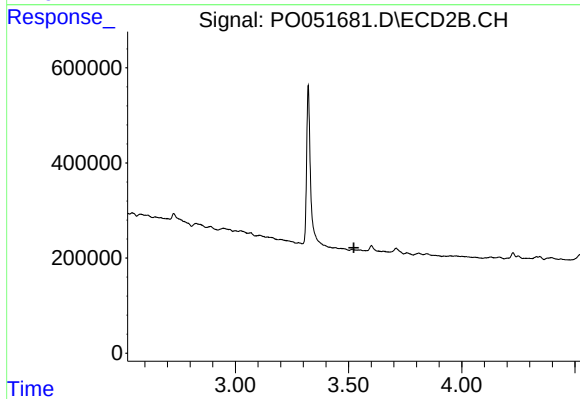
#7 AR-1016-5

R.T.: 4.750 min  
Delta R.T.: -0.002 min  
Response: 878123  
Conc: 134.55 ng/ml



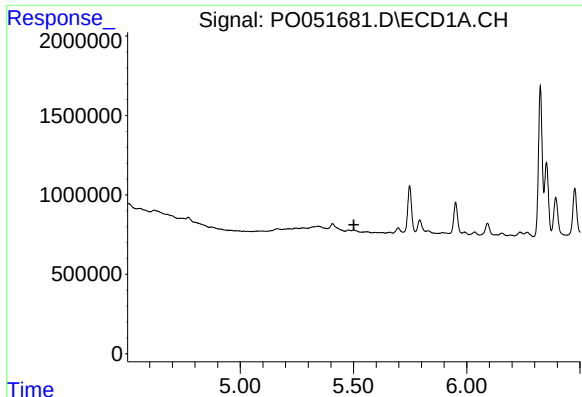
#8 AR-1221-1

R.T.: 4.508 min  
Delta R.T.: -0.020 min  
Response: 589760  
Conc: 82.95 ng/ml



#8 AR-1221-1

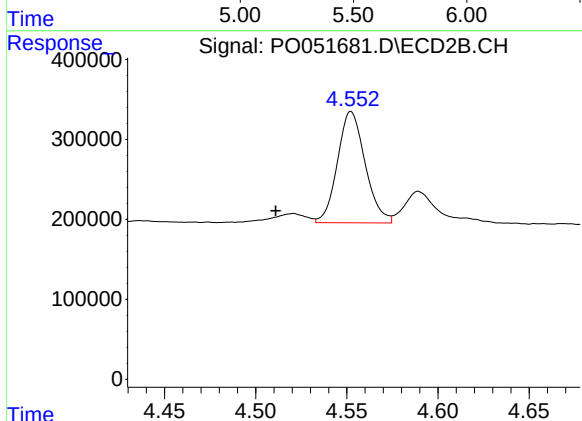
R.T.: 0.000 min  
Exp R.T. : 3.523 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

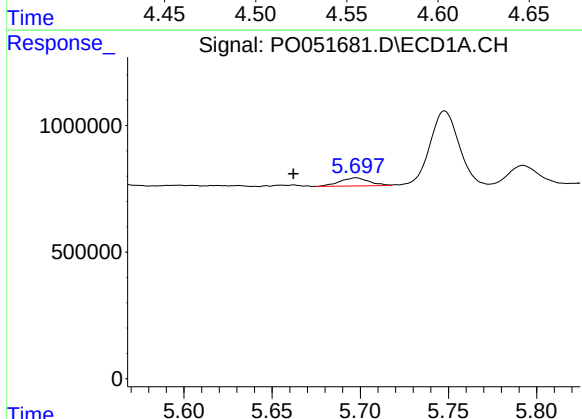
R.T.: 0.000 min  
Exp R.T.: 5.502 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



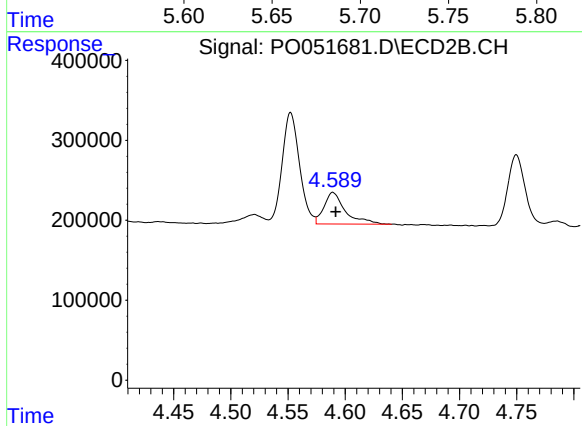
#13 AR-1232-3

R.T.: 4.552 min  
Delta R.T.: 0.041 min  
Response: 1477385  
Conc: 565.21 ng/ml



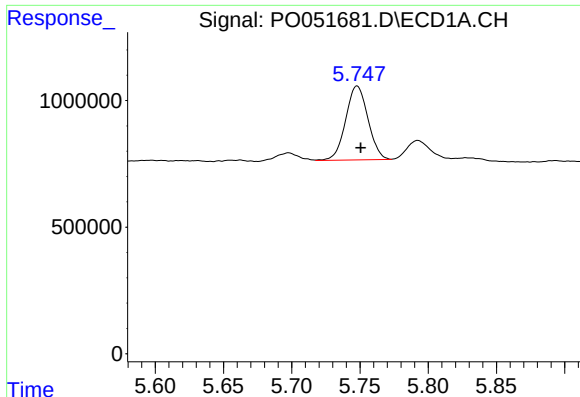
#14 AR-1232-4

R.T.: 5.698 min  
Delta R.T.: 0.036 min  
Response: 370918  
Conc: 52.10 ng/ml



#14 AR-1232-4

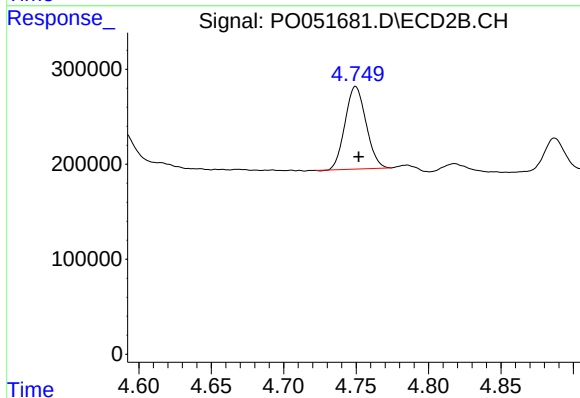
R.T.: 4.589 min  
Delta R.T.: -0.003 min  
Response: 513753  
Conc: 233.09 ng/ml



#15 AR-1232-5

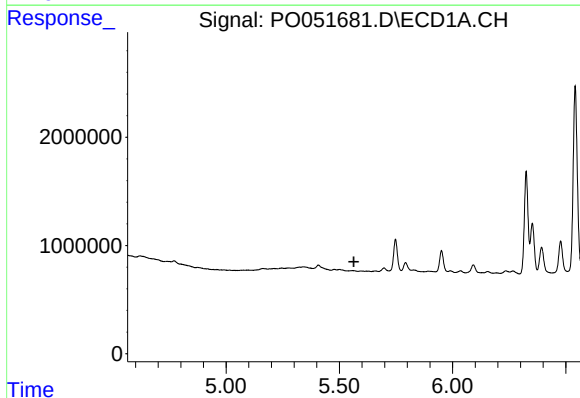
R.T.: 5.748 min  
Delta R.T.: -0.003 min  
Response: 3326675  
Conc: 673.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



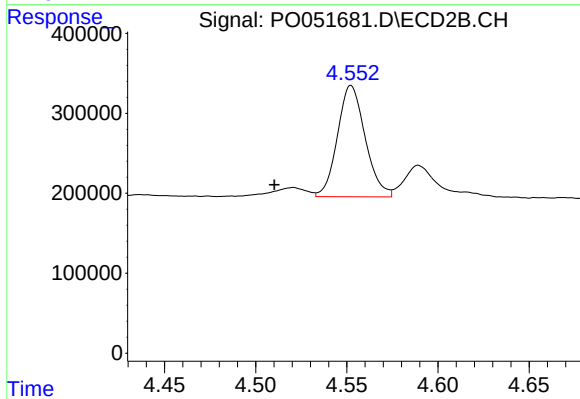
#15 AR-1232-5

R.T.: 4.750 min  
Delta R.T.: -0.002 min  
Response: 878123  
Conc: 346.90 ng/ml



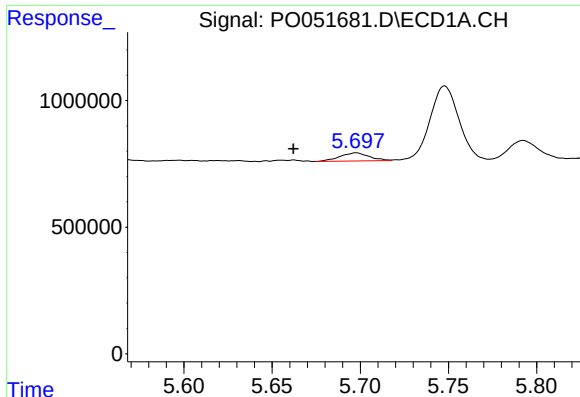
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.564 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

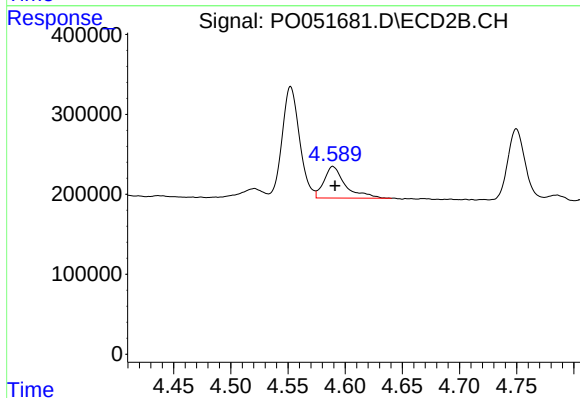
R.T.: 4.552 min  
Delta R.T.: 0.042 min  
Response: 1477385  
Conc: 297.85 ng/ml



#19 AR-1242-4

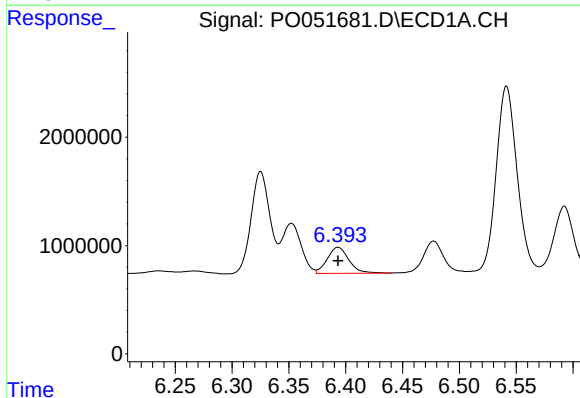
R.T.: 5.698 min  
Delta R.T.: 0.036 min  
Response: 370918  
Conc: 28.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



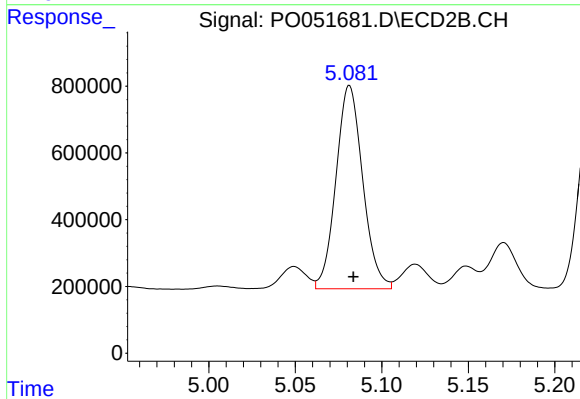
#19 AR-1242-4

R.T.: 4.589 min  
Delta R.T.: -0.002 min  
Response: 513753  
Conc: 108.42 ng/ml



#20 AR-1242-5

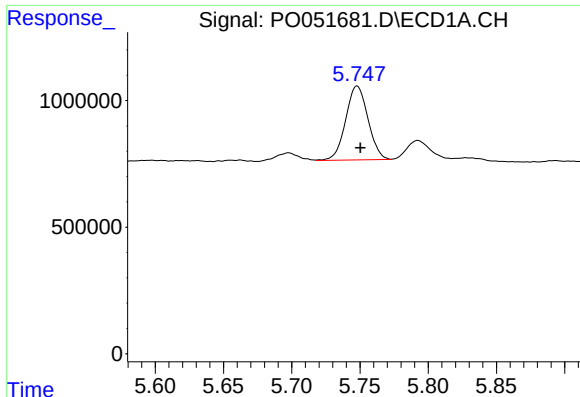
R.T.: 6.393 min  
Delta R.T.: 0.000 min  
Response: 3183137  
Conc: 238.16 ng/ml



#20 AR-1242-5

R.T.: 5.081 min  
Delta R.T.: -0.002 min  
Response: 6523917  
Conc: 1082.30 ng/ml

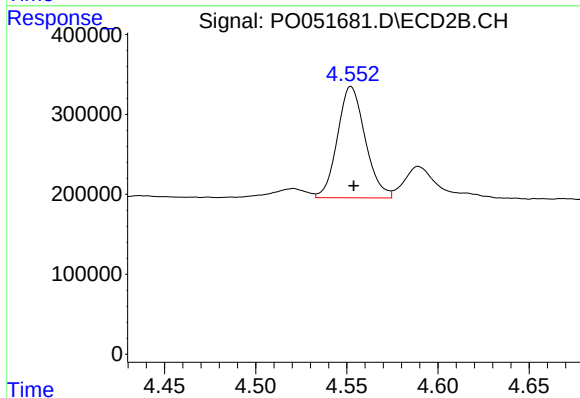




#22 AR-1248-2

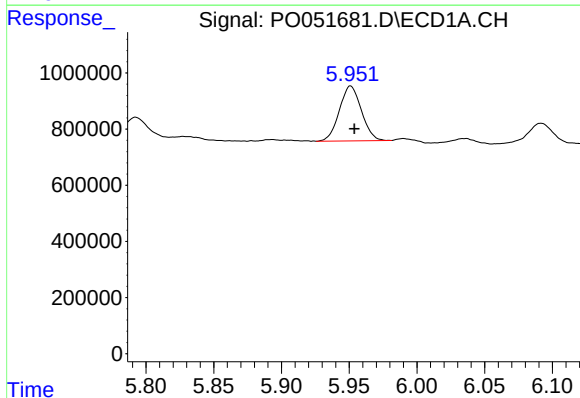
R.T.: 5.748 min  
Delta R.T.: -0.002 min  
Response: 3326675  
Conc: 156.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



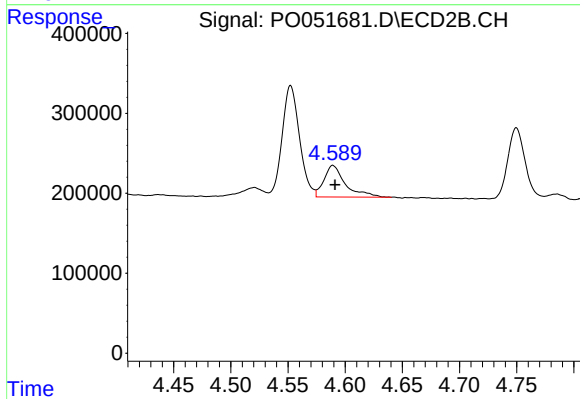
#22 AR-1248-2

R.T.: 4.552 min  
Delta R.T.: -0.002 min  
Response: 1477385  
Conc: 187.24 ng/ml



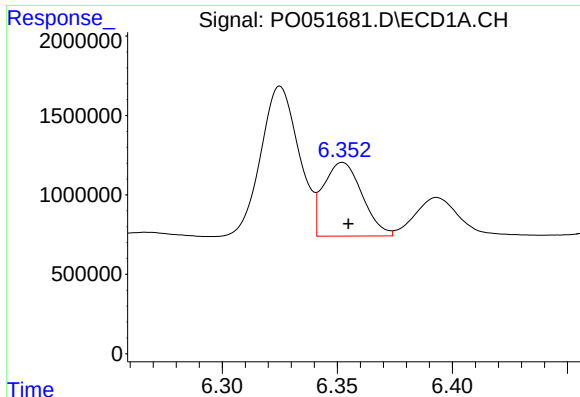
#23 AR-1248-3

R.T.: 5.951 min  
Delta R.T.: -0.003 min  
Response: 2215468  
Conc: 93.38 ng/ml



#23 AR-1248-3

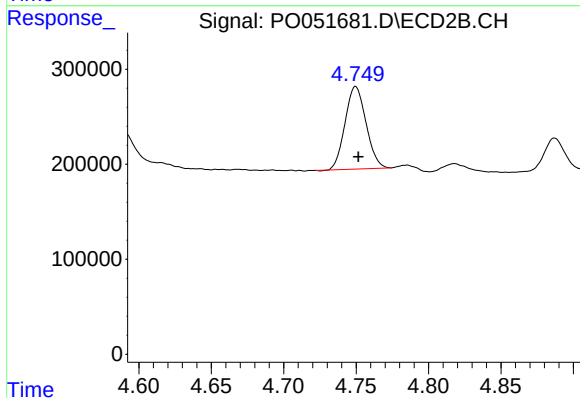
R.T.: 4.589 min  
Delta R.T.: -0.002 min  
Response: 513753  
Conc: 65.53 ng/ml



#24 AR-1248-4

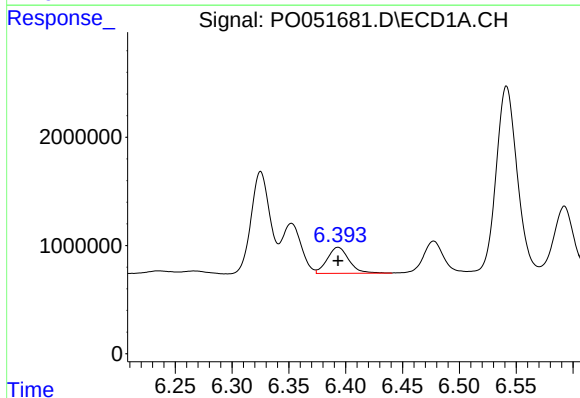
R.T.: 6.352 min  
Delta R.T.: -0.002 min  
Response: 5422274  
Conc: 205.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



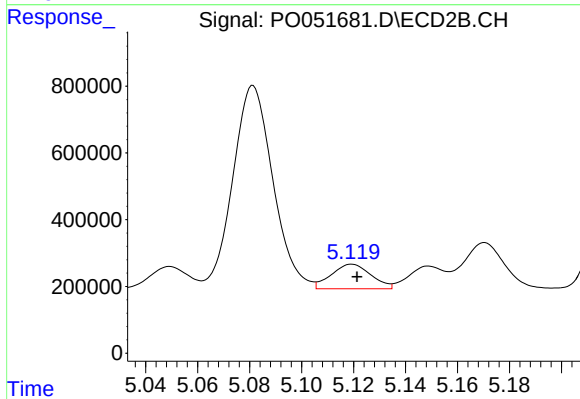
#24 AR-1248-4

R.T.: 4.750 min  
Delta R.T.: -0.002 min  
Response: 878123  
Conc: 90.51 ng/ml



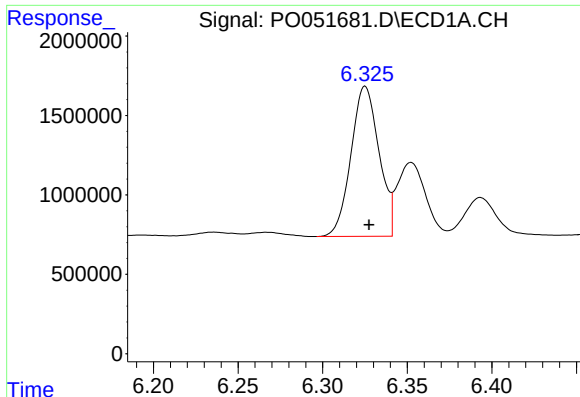
#25 AR-1248-5

R.T.: 6.393 min  
Delta R.T.: 0.000 min  
Response: 3183137  
Conc: 126.93 ng/ml



#25 AR-1248-5

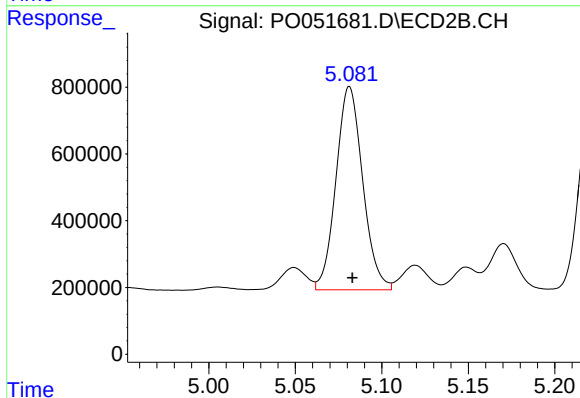
R.T.: 5.119 min  
Delta R.T.: -0.002 min  
Response: 782770  
Conc: 82.91 ng/ml



#26 AR-1254-1

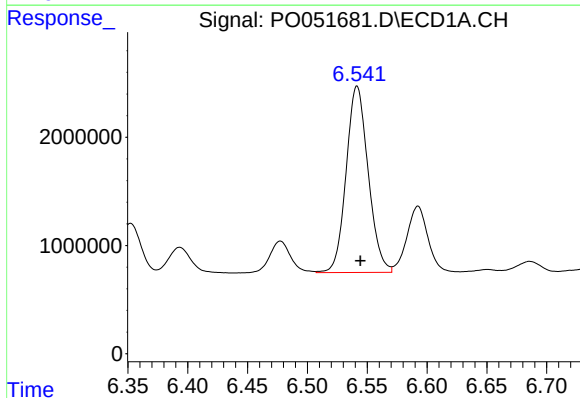
R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 10881574  
Conc: 440.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



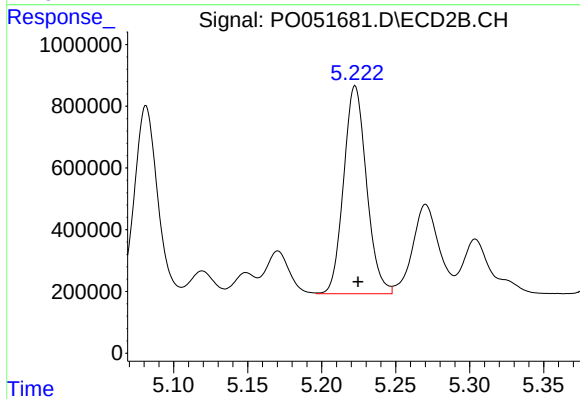
#26 AR-1254-1

R.T.: 5.081 min  
Delta R.T.: -0.002 min  
Response: 6523917  
Conc: 474.53 ng/ml



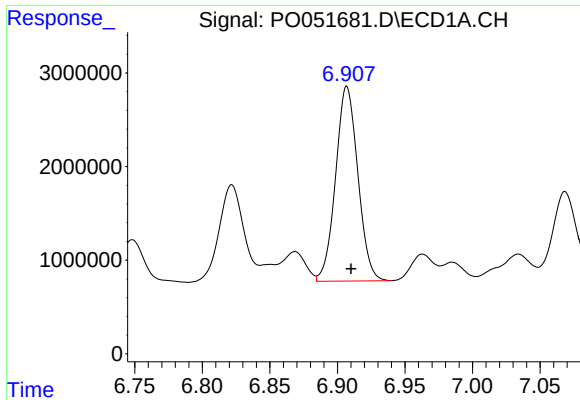
#27 AR-1254-2

R.T.: 6.542 min  
Delta R.T.: -0.003 min  
Response: 22110979  
Conc: 567.74 ng/ml



#27 AR-1254-2

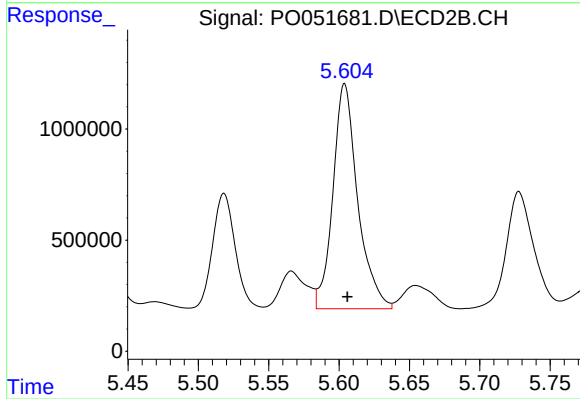
R.T.: 5.223 min  
Delta R.T.: -0.002 min  
Response: 7251399  
Conc: 607.59 ng/ml



#28 AR-1254-3

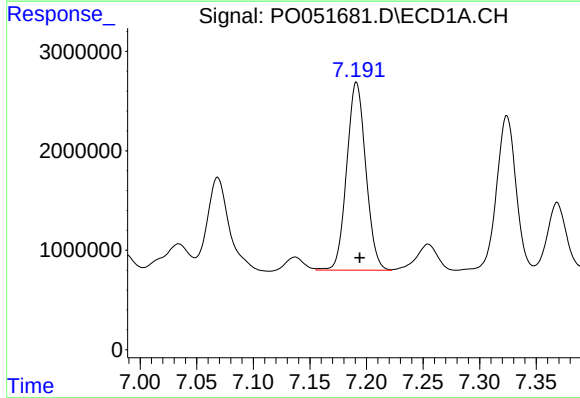
R.T.: 6.907 min  
Delta R.T.: -0.003 min  
Response: 23841623  
Conc: 591.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



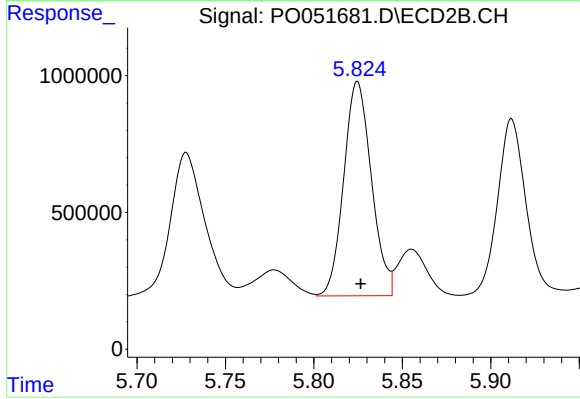
#28 AR-1254-3

R.T.: 5.604 min  
Delta R.T.: -0.002 min  
Response: 12409654  
Conc: 660.48 ng/ml



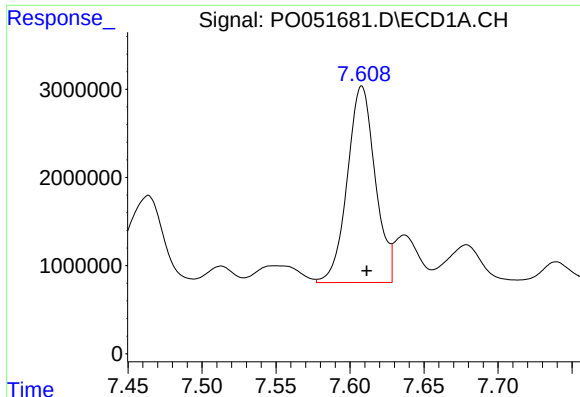
#29 AR-1254-4

R.T.: 7.191 min  
Delta R.T.: -0.003 min  
Response: 22196004  
Conc: 711.62 ng/ml



#29 AR-1254-4

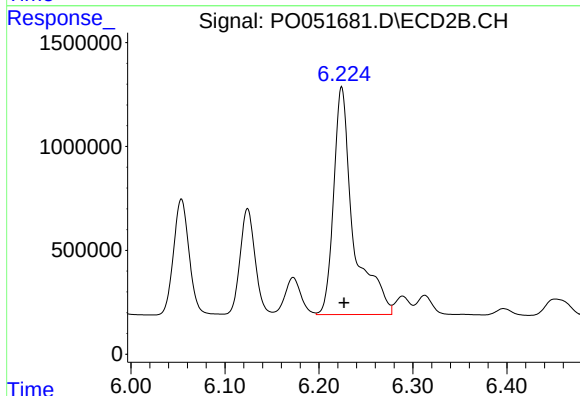
R.T.: 5.825 min  
Delta R.T.: -0.002 min  
Response: 8536885  
Conc: 748.47 ng/ml



#30 AR-1254-5

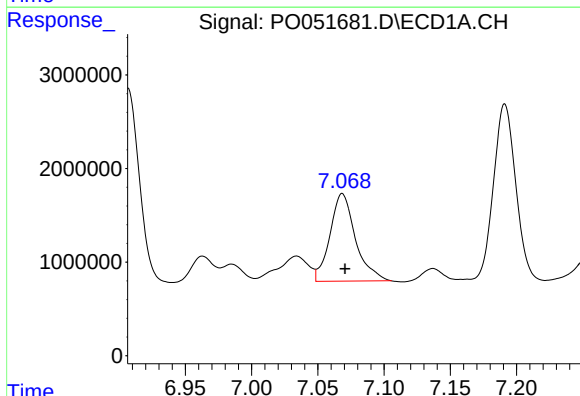
R.T.: 7.608 min  
Delta R.T.: -0.003 min  
Response: 29242324  
Conc: 949.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



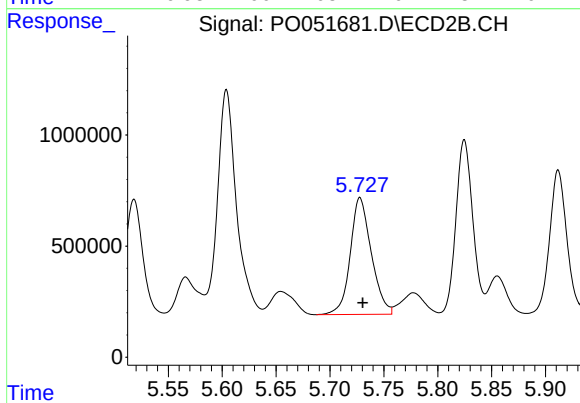
#30 AR-1254-5

R.T.: 6.224 min  
Delta R.T.: -0.002 min  
Response: 16111260  
Conc: 1020.86 ng/ml



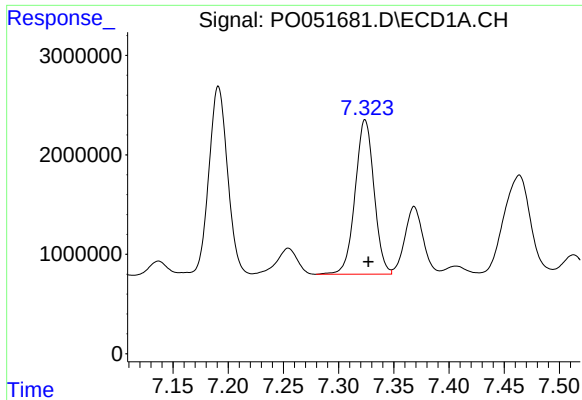
#31 AR-1260-1

R.T.: 7.068 min  
Delta R.T.: -0.002 min  
Response: 12582763  
Conc: 417.91 ng/ml



#31 AR-1260-1

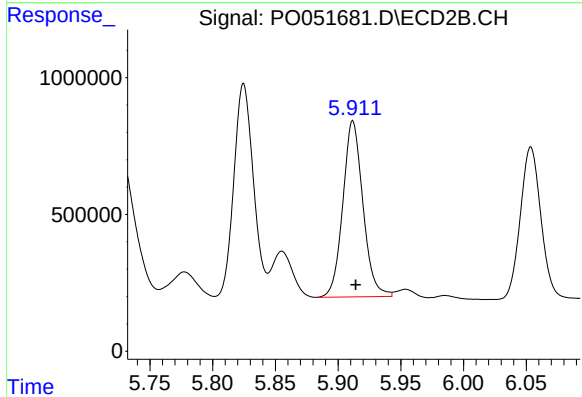
R.T.: 5.728 min  
Delta R.T.: -0.002 min  
Response: 7160854  
Conc: 527.85 ng/ml



#32 AR-1260-2

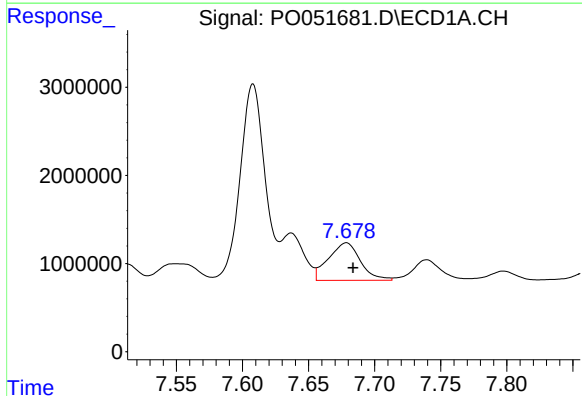
R.T.: 7.324 min  
Delta R.T.: -0.003 min  
Response: 18469556  
Conc: 437.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



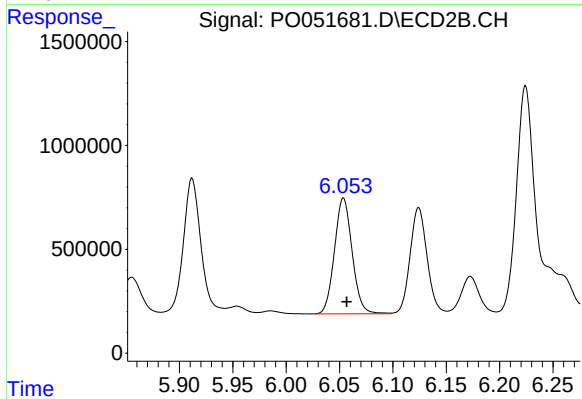
#32 AR-1260-2

R.T.: 5.912 min  
Delta R.T.: -0.002 min  
Response: 7178076  
Conc: 413.64 ng/ml



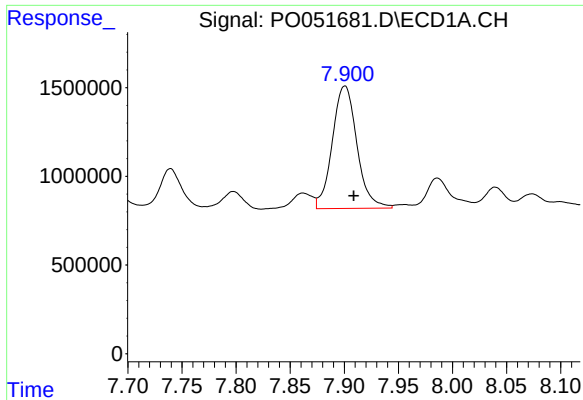
#33 AR-1260-3

R.T.: 7.679 min  
Delta R.T.: -0.005 min  
Response: 7125557  
Conc: 245.26 ng/ml



#33 AR-1260-3

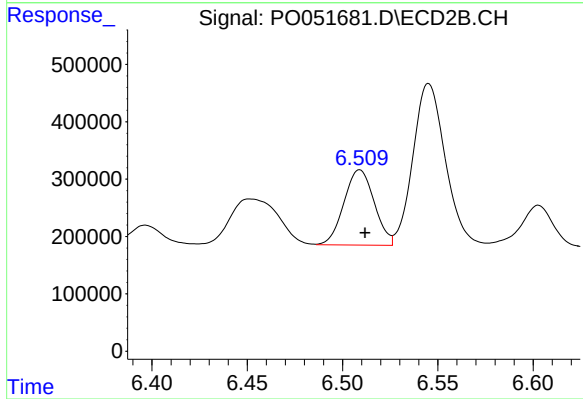
R.T.: 6.054 min  
Delta R.T.: -0.003 min  
Response: 6418590  
Conc: 419.02 ng/ml



#34 AR-1260-4

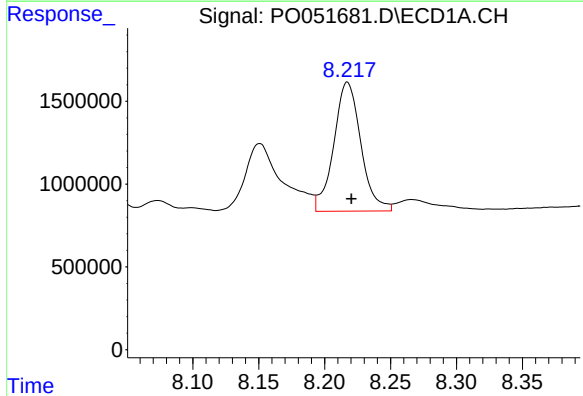
R.T.: 7.901 min  
Delta R.T.: -0.008 min  
Response: 10938762  
Conc: 397.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



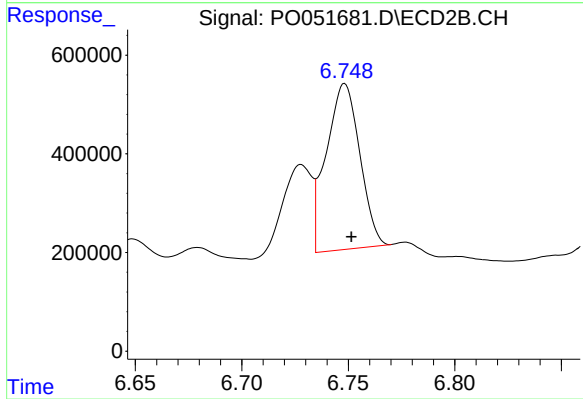
#34 AR-1260-4

R.T.: 6.509 min  
Delta R.T.: -0.003 min  
Response: 1453877  
Conc: 143.07 ng/ml



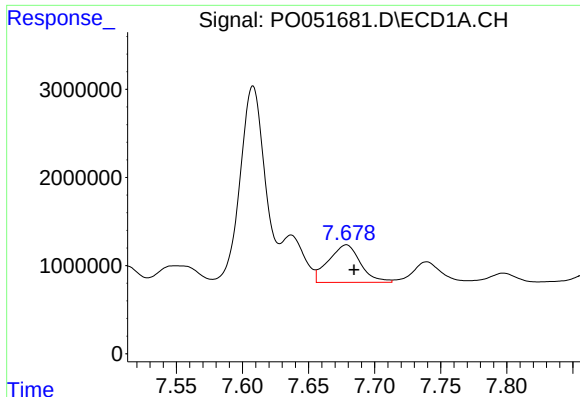
#35 AR-1260-5

R.T.: 8.217 min  
Delta R.T.: -0.003 min  
Response: 11140807  
Conc: 193.39 ng/ml



#35 AR-1260-5

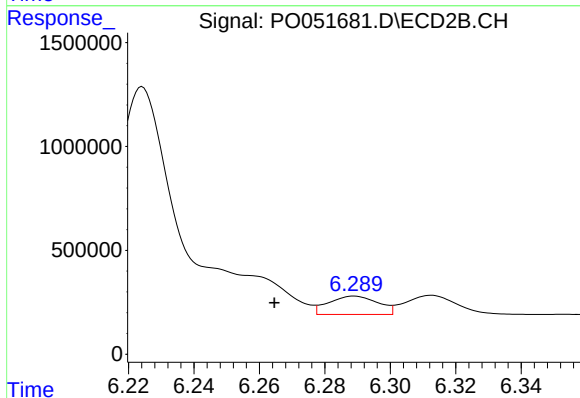
R.T.: 6.748 min  
Delta R.T.: -0.003 min  
Response: 3686789  
Conc: 142.83 ng/ml



#36 AR-1262-1

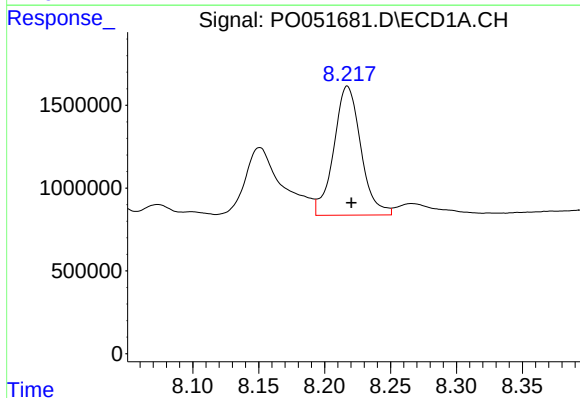
R.T.: 7.679 min  
Delta R.T.: -0.006 min  
Response: 7125557  
Conc: 152.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



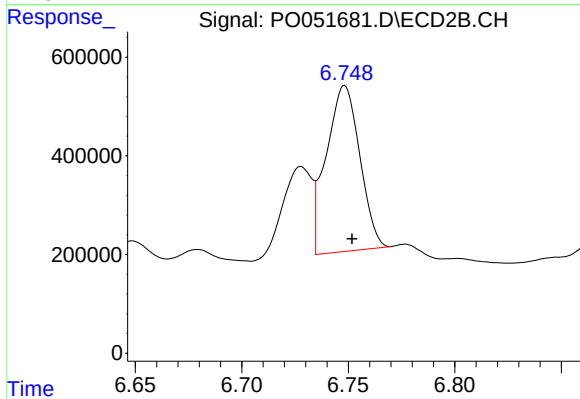
#36 AR-1262-1

R.T.: 6.289 min  
Delta R.T.: 0.024 min  
Response: 928542  
Conc: 49.70 ng/ml



#37 AR-1262-2

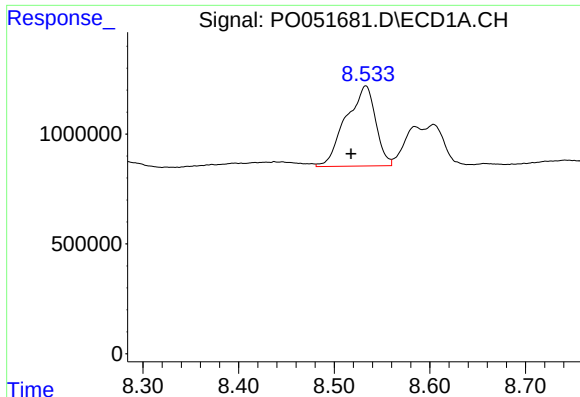
R.T.: 8.217 min  
Delta R.T.: -0.003 min  
Response: 11140807  
Conc: 159.37 ng/ml



#37 AR-1262-2

R.T.: 6.748 min  
Delta R.T.: -0.003 min  
Response: 3686789  
Conc: 122.21 ng/ml

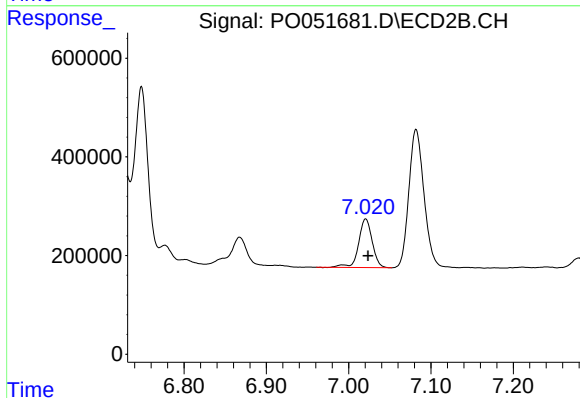




#38 AR-1262-3

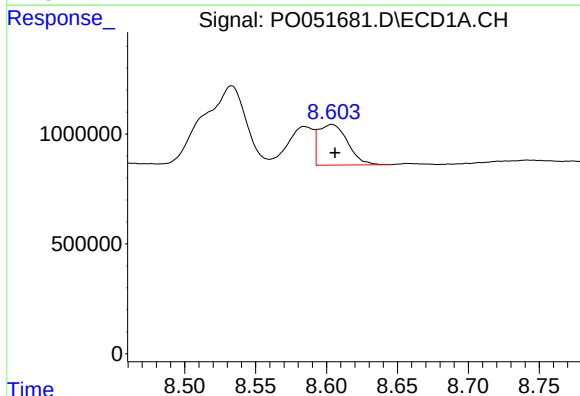
R.T.: 8.533 min  
Delta R.T.: 0.015 min  
Response: 7883349  
Conc: 178.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



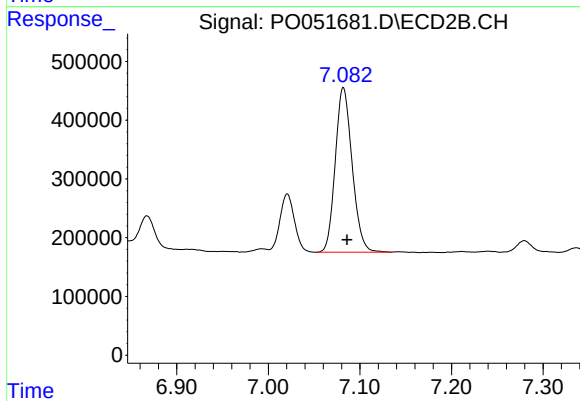
#38 AR-1262-3

R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 1132817  
Conc: 90.77 ng/ml



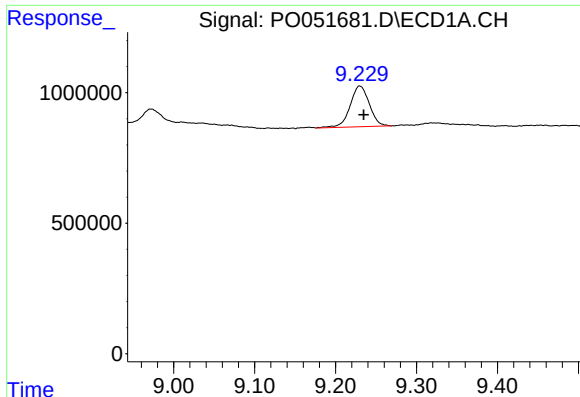
#39 AR-1262-4

R.T.: 8.604 min  
Delta R.T.: -0.002 min  
Response: 2632474  
Conc: 76.00 ng/ml



#39 AR-1262-4

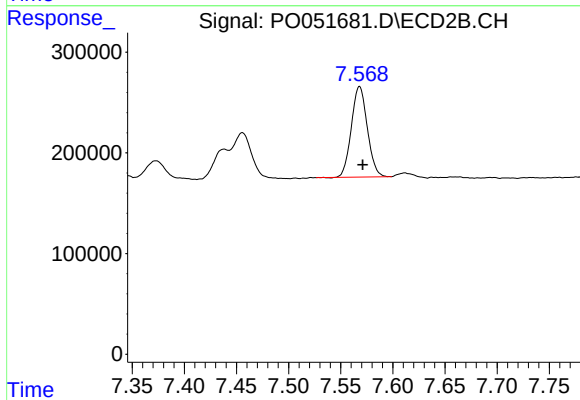
R.T.: 7.082 min  
Delta R.T.: -0.004 min  
Response: 3586625  
Conc: 164.33 ng/ml



#40 AR-1262-5

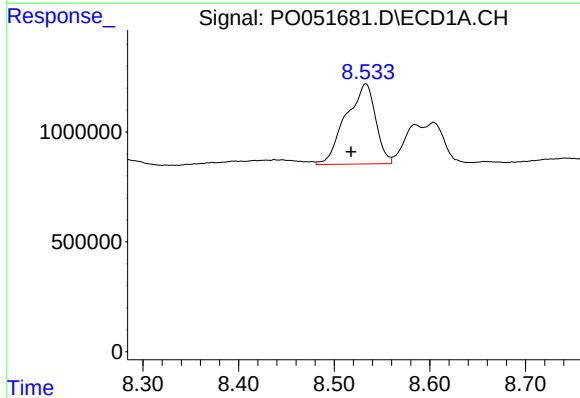
R.T.: 9.230 min  
Delta R.T.: -0.005 min  
Response: 2572165  
Conc: 124.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



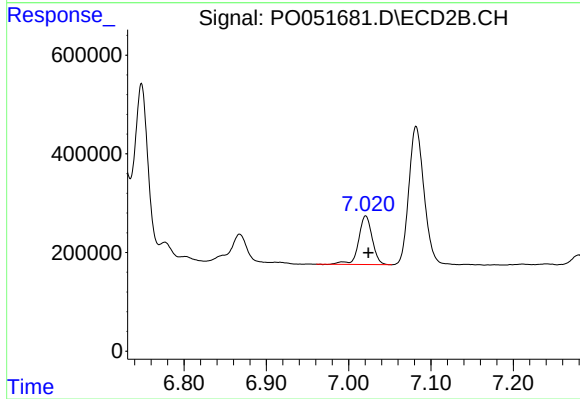
#40 AR-1262-5

R.T.: 7.568 min  
Delta R.T.: -0.003 min  
Response: 957435  
Conc: 107.76 ng/ml



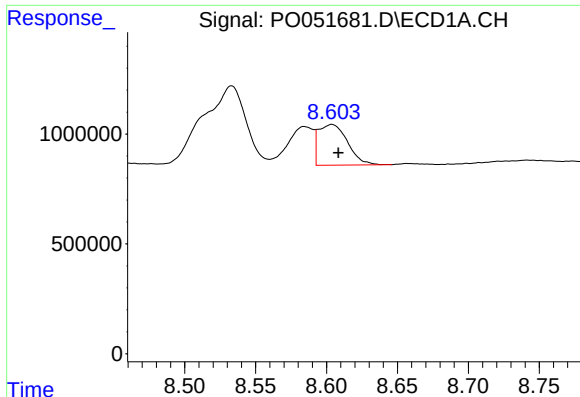
#41 AR-1268-1

R.T.: 8.533 min  
Delta R.T.: 0.016 min  
Response: 7883349  
Conc: 85.01 ng/ml



#41 AR-1268-1

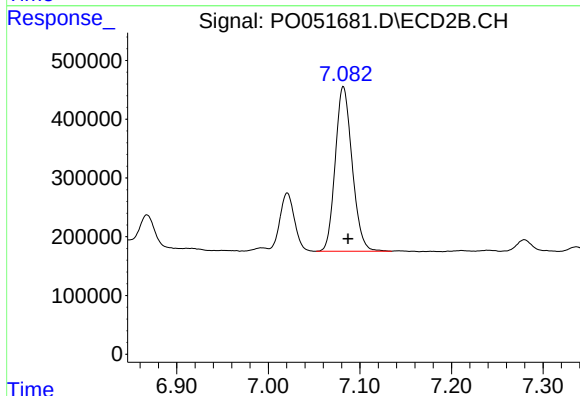
R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 1132817  
Conc: 28.69 ng/ml



#42 AR-1268-2

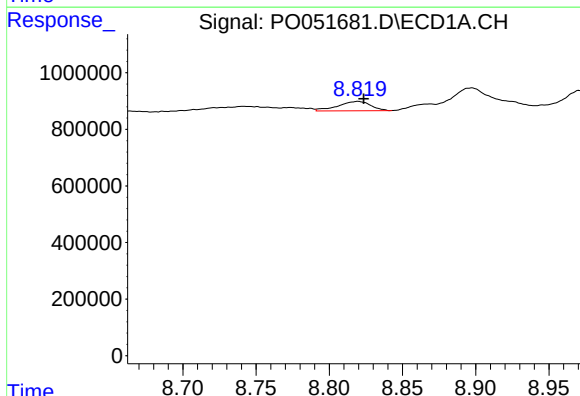
R.T.: 8.604 min  
Delta R.T.: -0.005 min  
Response: 2632474  
Conc: 32.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



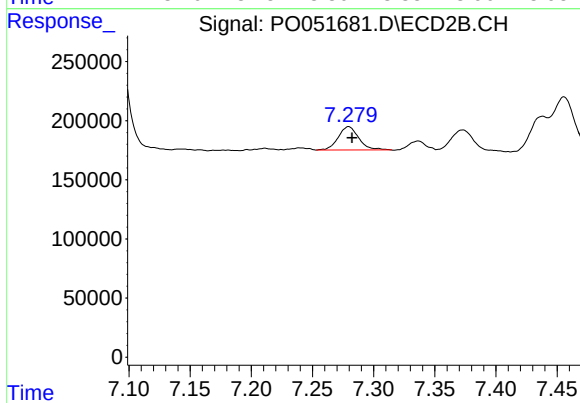
#42 AR-1268-2

R.T.: 7.082 min  
Delta R.T.: -0.005 min  
Response: 3586625  
Conc: 97.19 ng/ml



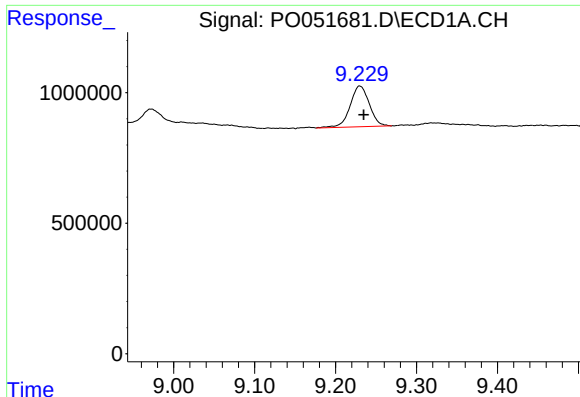
#43 AR-1268-3

R.T.: 8.820 min  
Delta R.T.: -0.004 min  
Response: 516343  
Conc: 7.38 ng/ml



#43 AR-1268-3

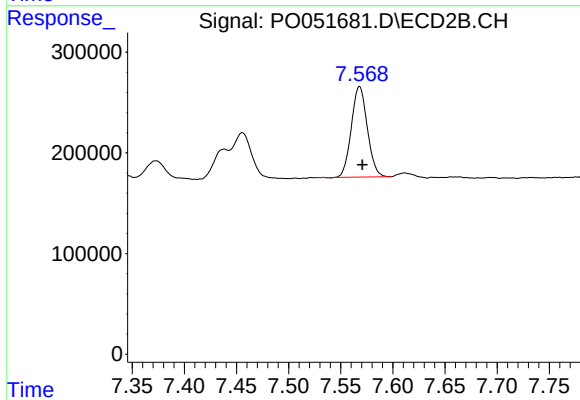
R.T.: 7.280 min  
Delta R.T.: -0.003 min  
Response: 231510  
Conc: 7.02 ng/ml



#44 AR-1268-4

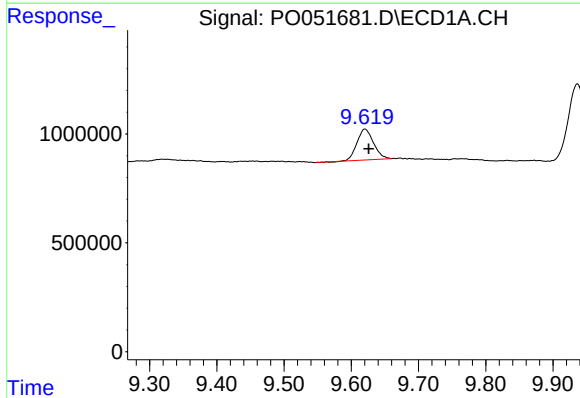
R.T.: 9.230 min  
Delta R.T.: -0.005 min  
Response: 2572165  
Conc: 103.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



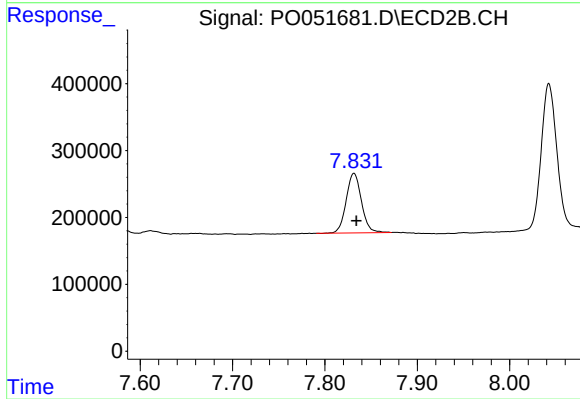
#44 AR-1268-4

R.T.: 7.568 min  
Delta R.T.: -0.003 min  
Response: 957435  
Conc: 85.09 ng/ml



#45 AR-1268-5

R.T.: 9.620 min  
Delta R.T.: -0.006 min  
Response: 2425506  
Conc: 12.83 ng/ml



#45 AR-1268-5

R.T.: 7.832 min  
Delta R.T.: -0.002 min  
Response: 1027454  
Conc: 11.97 ng/ml