

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121818\  
 Data File : PO052704.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Dec 2018 21:32  
 Operator : SM/SJ  
 Sample : J6379-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 P001-SS003-1218-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 01:32:51 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun Dec 16 03:01:24 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... | 4.250 | 3.273 | 18144147 | 4616164  | 23.137   | 21.784     |
| 2)                          | SA Decachlor... | 9.801 | 7.958 | 9489839  | 4149623  | 18.834   | 18.809     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.492 | 0        | 136872   | N.D.     | 24.772 #   |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.492 | 0        | 136872   | N.D.     | 28.310 #   |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.670 | 0        | 293366   | N.D.     | 54.298 #   |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.670 | 0        | 293366   | N.D.     | 67.058 #   |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.492 | 0        | 136872   | N.D.     | 53.802 #   |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.492 | 0        | 136872   | N.D.     | 59.512 #   |
| 15)                         | L3 AR-1232-5    | 5.675 | 0.000 | 440967   | 0        | 95.583   | N.D. #     |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.492 | 0        | 136872   | N.D.     | 28.429 #   |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.492 | 0        | 136872   | N.D.     | 27.954 #   |
| 20)                         | L4 AR-1242-5    | 6.317 | 5.015 | 508272   | 5663160  | 36.083   | 946.752 #  |
| 22)                         | L5 AR-1248-2    | 5.675 | 4.492 | 440967   | 136872   | 23.146   | 19.744     |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.492 | 0        | 136872   | N.D.     | 19.707 #   |
| 24)                         | L5 AR-1248-4    | 6.317 | 0.000 | 508272   | 0        | 22.288   | N.D. #     |
| 25)                         | L5 AR-1248-5    | 6.317 | 5.104 | 508272   | 1012293  | 23.277   | 122.043 #  |
| 26)                         | L6 AR-1254-1    | 6.249 | 5.015 | 16096839 | 5663160  | 644.286  | 410.779 #  |
| 27)                         | L6 AR-1254-2    | 6.463 | 5.156 | 16122475 | 5720025  | 416.305  | 466.548    |
| 28)                         | L6 AR-1254-3    | 6.830 | 5.548 | 15612305 | 22496830 | 396.261  | 1167.517 # |
| 29)                         | L6 AR-1254-4    | 7.111 | 5.755 | 7721239  | 931048   | 281.203  | 83.416 #   |
| 30)                         | L6 AR-1254-5    | 7.528 | 6.151 | 132.0E6  | 45932846 | 4534.723 | 2756.117 # |
| 31)                         | L7 AR-1260-1    | 6.989 | 5.657 | 95353171 | 35740385 | 3264.003 | 2606.146   |
| 32)                         | L7 AR-1260-2    | 7.244 | 5.841 | 99582310 | 38331810 | 2846.999 | 2306.725   |
| 33)                         | L7 AR-1260-3    | 7.599 | 5.982 | 95568888 | 38479701 | 4106.236 | 2516.779 # |
| 34)                         | L7 AR-1260-4    | 7.825 | 6.433 | 100.3E6  | 34672660 | 4028.846 | 3445.840   |
| 35)                         | L7 AR-1260-5    | 8.132 | 6.674 | 193.5E6  | 74454925 | 3945.762 | 3141.135   |
| 36)                         | L8 AR-1262-1    | 7.599 | 6.187 | 95568888 | 38068007 | 2427.215 | 2093.691   |
| 37)                         | L8 AR-1262-2    | 8.132 | 6.674 | 193.5E6  | 74454925 | 3128.903 | 2607.760   |
| 38)                         | L8 AR-1262-3    | 8.422 | 6.943 | 35521240 | 16675320 | 856.040  | 1402.314 # |
| 39)                         | L8 AR-1262-4    | 8.507 | 7.005 | 30782419 | 59281562 | 898.670  | 2760.107 # |
| 40)                         | L8 AR-1262-5    | 9.122 | 7.490 | 42528604 | 15849156 | 2064.260 | 1802.082   |
| 41)                         | L9 AR-1268-1    | 8.422 | 6.943 | 35521240 | 16675320 | 393.692  | 429.461    |
| 42)                         | L9 AR-1268-2    | 8.507 | 7.005 | 30782419 | 59281562 | 359.950  | 1606.372 # |
| 43)                         | L9 AR-1268-3    | 8.717 | 7.197 | 2305973  | 1340161  | 31.324   | 41.676 #   |
| 44)                         | L9 AR-1268-4    | 9.122 | 7.490 | 42528604 | 15849156 | 1611.356 | 1383.390   |
| 45)                         | L9 AR-1268-5    | 9.498 | 7.751 | 9844782  | 3829761  | 45.530   | 42.856     |
| -----                       |                 |       |       |          |          |          |            |

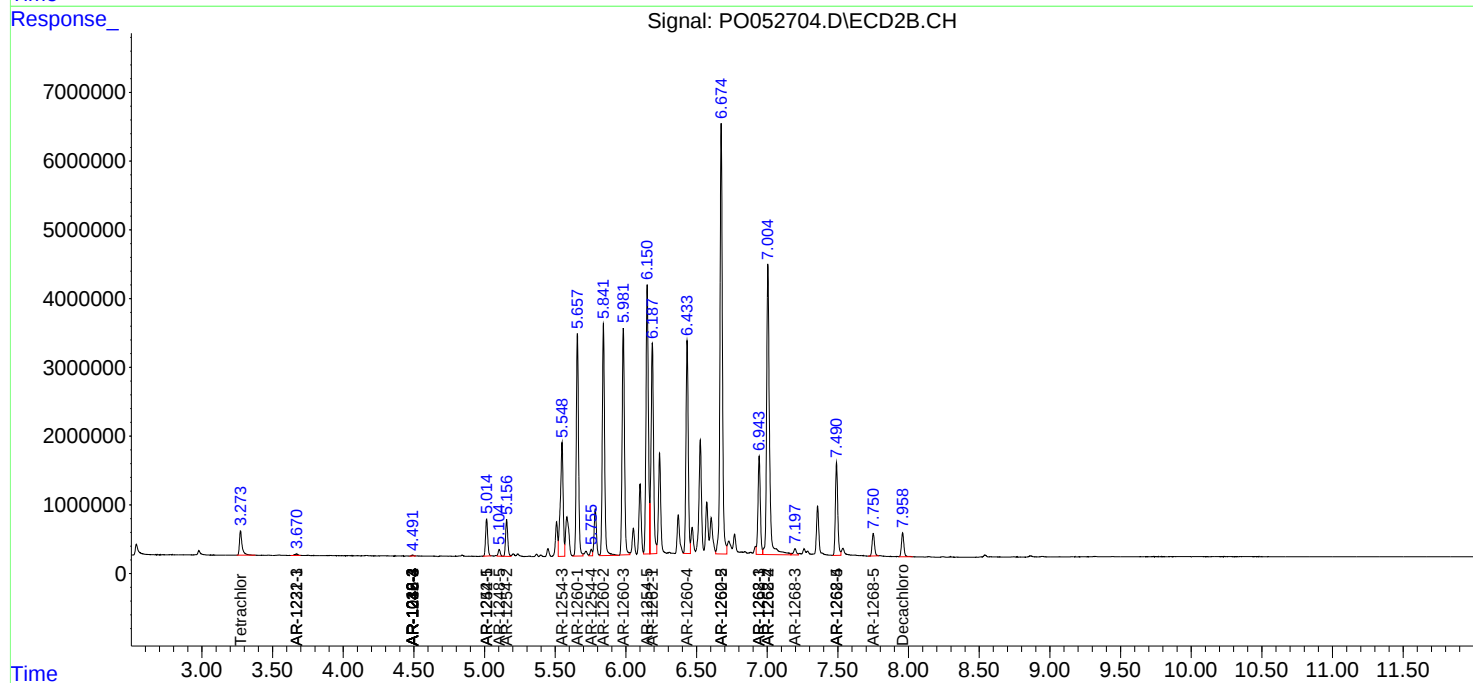
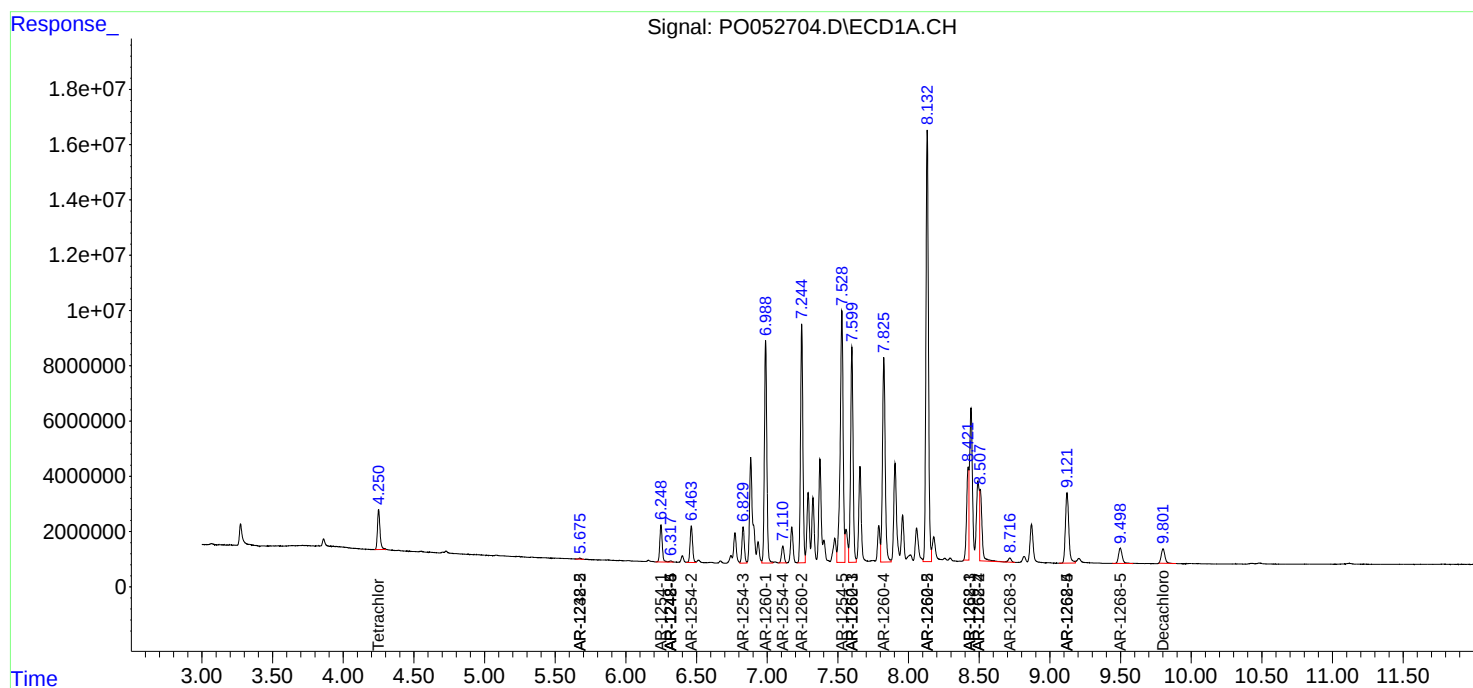
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

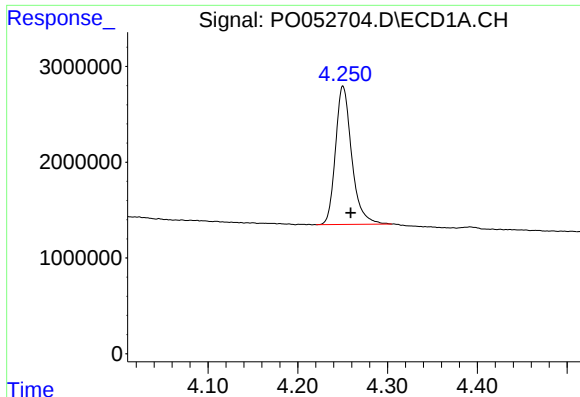
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121818\  
Data File : P0052704.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Dec 2018 21:32  
Operator : SM/SJ  
Sample : J6379-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 01:32:51 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun Dec 16 03:01:24 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

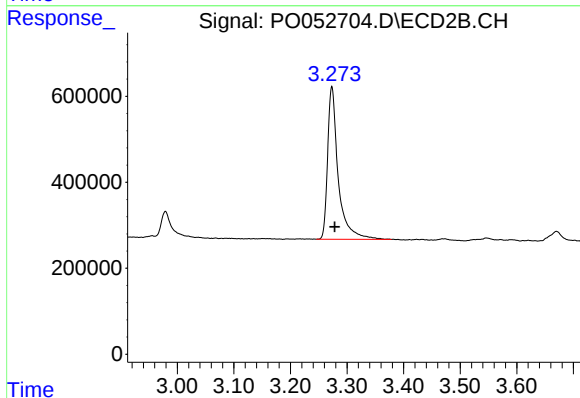




#1 Tetrachloro-m-xylene

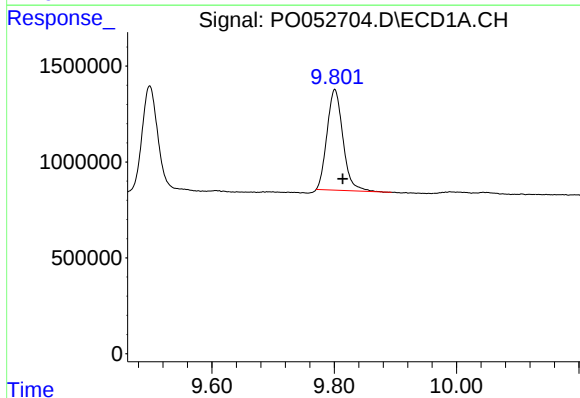
R.T.: 4.250 min  
Delta R.T.: -0.009 min  
Response: 18144147  
Conc: 23.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



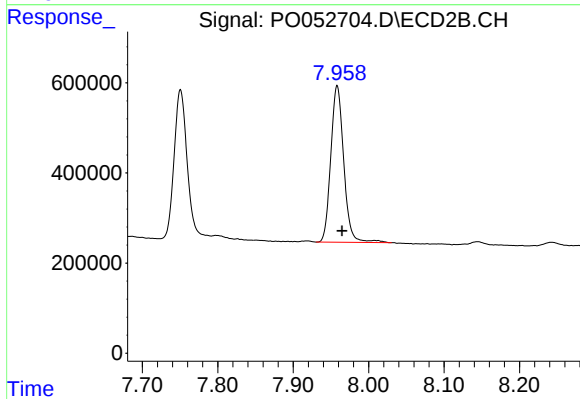
#1 Tetrachloro-m-xylene

R.T.: 3.273 min  
Delta R.T.: -0.005 min  
Response: 4616164  
Conc: 21.78 ng/ml



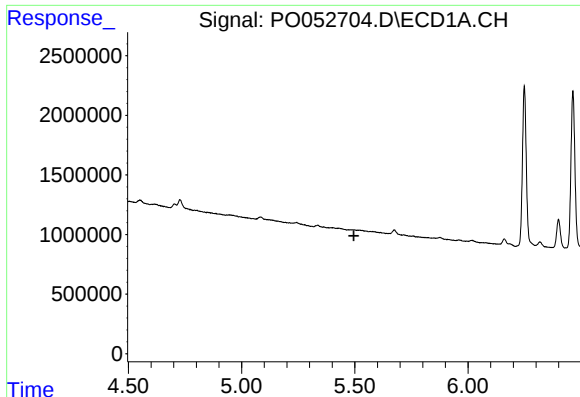
#2 Decachlorobiphenyl

R.T.: 9.801 min  
Delta R.T.: -0.013 min  
Response: 9489839  
Conc: 18.83 ng/ml



#2 Decachlorobiphenyl

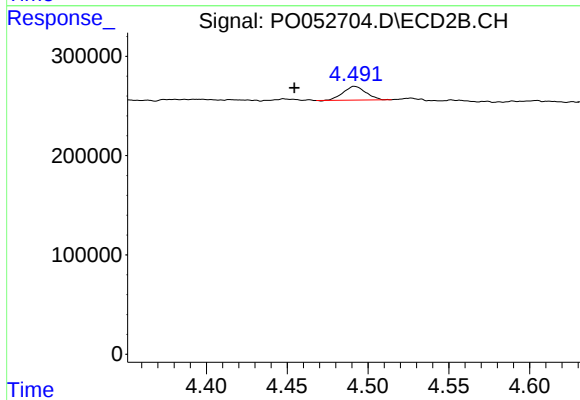
R.T.: 7.958 min  
Delta R.T.: -0.006 min  
Response: 4149623  
Conc: 18.81 ng/ml



#5 AR-1016-3

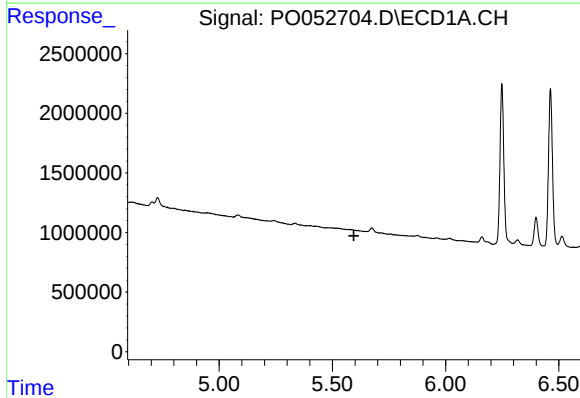
R.T.: 0.000 min  
Exp R.T.: 5.496 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



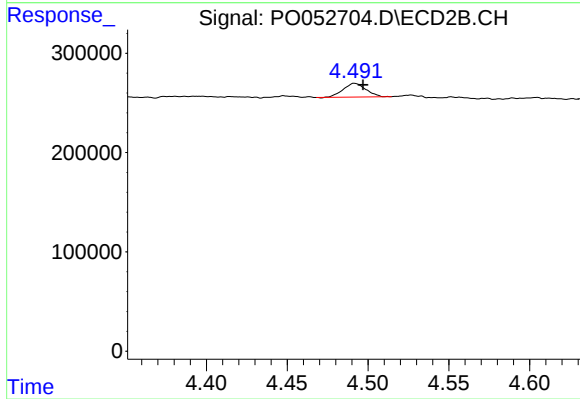
#5 AR-1016-3

R.T.: 4.492 min  
Delta R.T.: 0.037 min  
Response: 136872  
Conc: 24.77 ng/ml



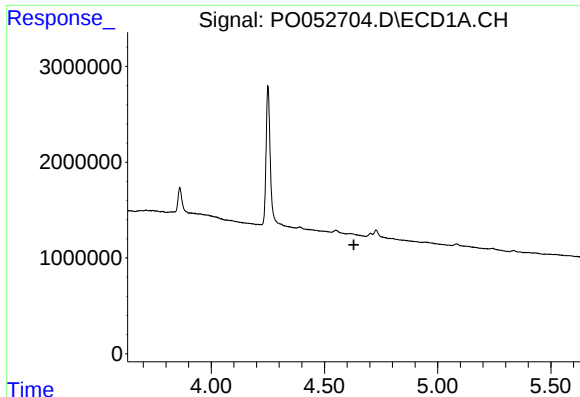
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.595 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

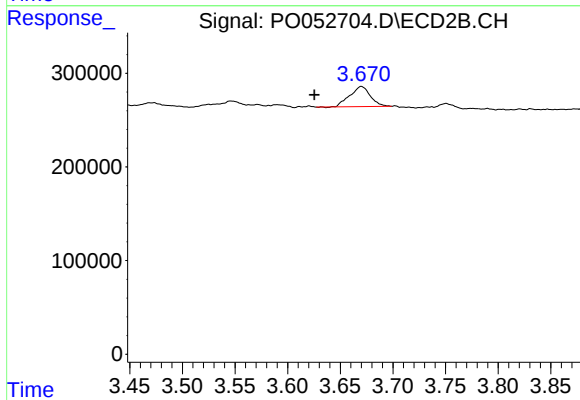
R.T.: 4.492 min  
Delta R.T.: -0.005 min  
Response: 136872  
Conc: 28.31 ng/ml



#10 AR-1221-3

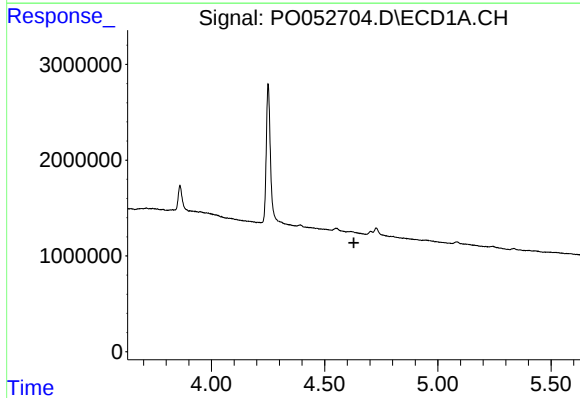
R.T.: 0.000 min  
Exp R.T. : 4.630 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



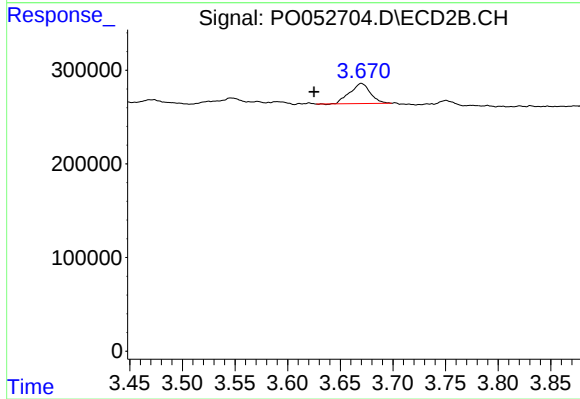
#10 AR-1221-3

R.T.: 3.670 min  
Delta R.T.: 0.045 min  
Response: 293366  
Conc: 54.30 ng/ml



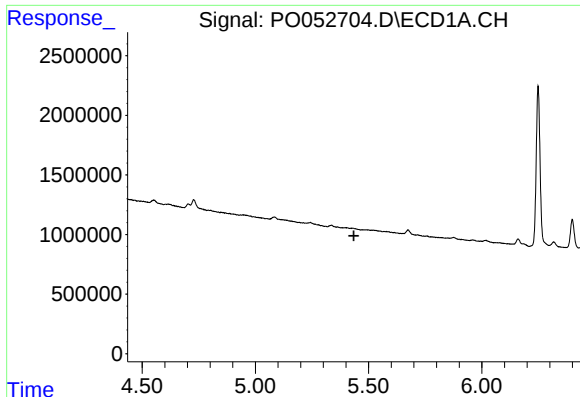
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.629 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

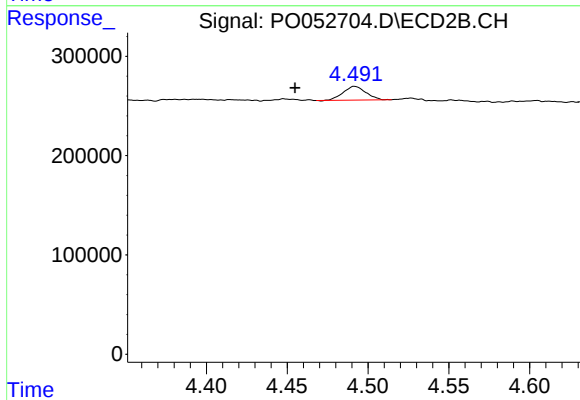
R.T.: 3.670 min  
Delta R.T.: 0.045 min  
Response: 293366  
Conc: 67.06 ng/ml



#13 AR-1232-3

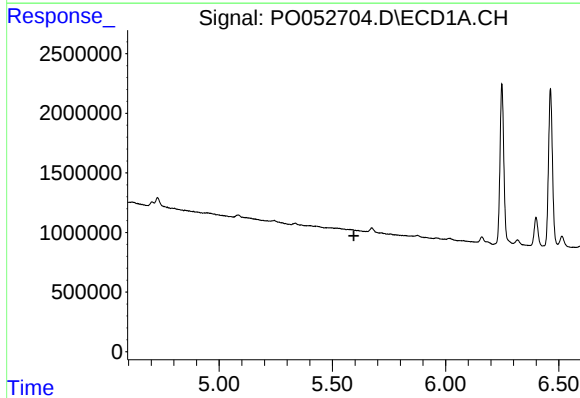
R.T.: 0.000 min  
Exp R.T. : 5.435 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



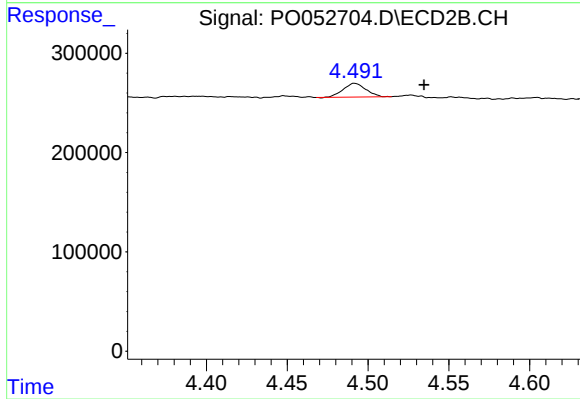
#13 AR-1232-3

R.T.: 4.492 min  
Delta R.T.: 0.037 min  
Response: 136872  
Conc: 53.80 ng/ml



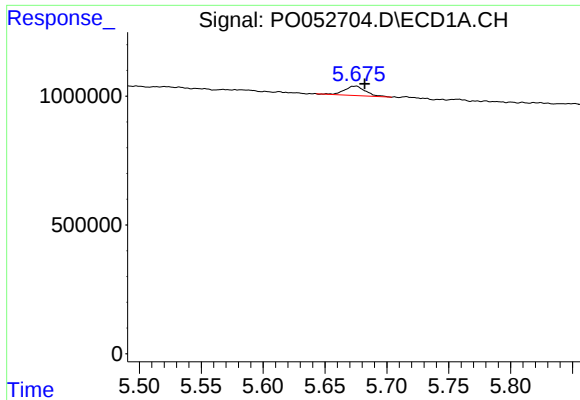
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.595 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

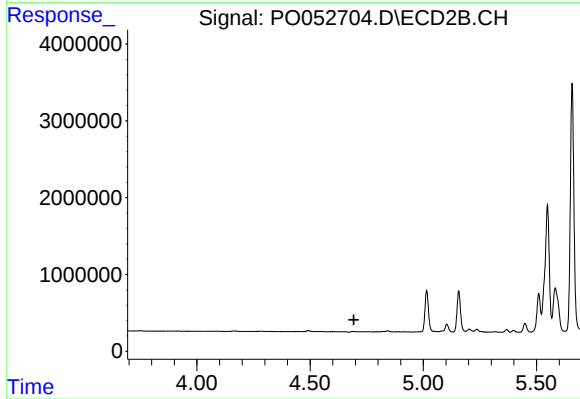
R.T.: 4.492 min  
Delta R.T.: -0.043 min  
Response: 136872  
Conc: 59.51 ng/ml



#15 AR-1232-5

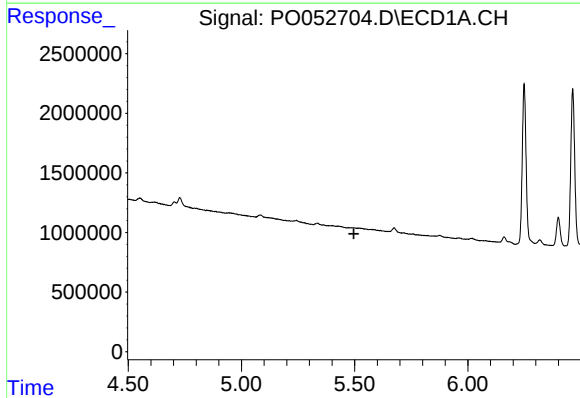
R.T.: 5.675 min  
Delta R.T.: -0.007 min  
Response: 440967  
Conc: 95.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



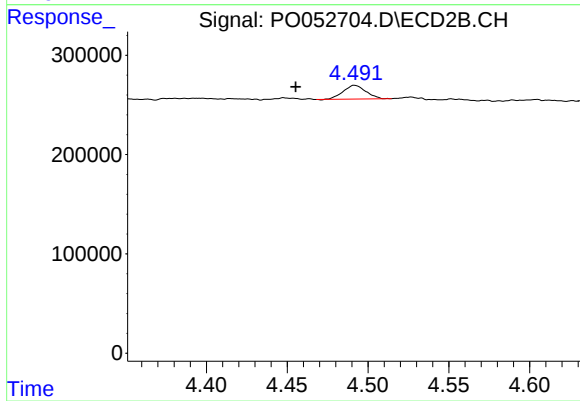
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 4.693 min  
Response: 0  
Conc: N.D.



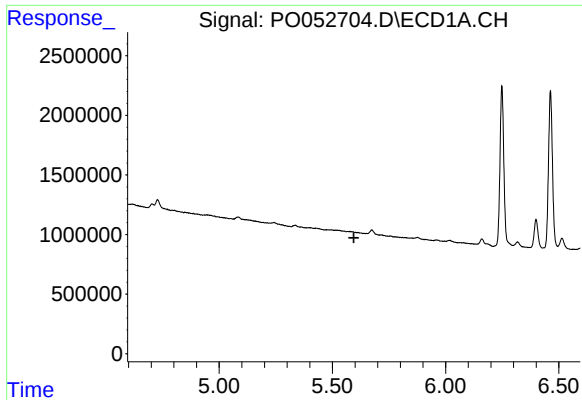
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.497 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

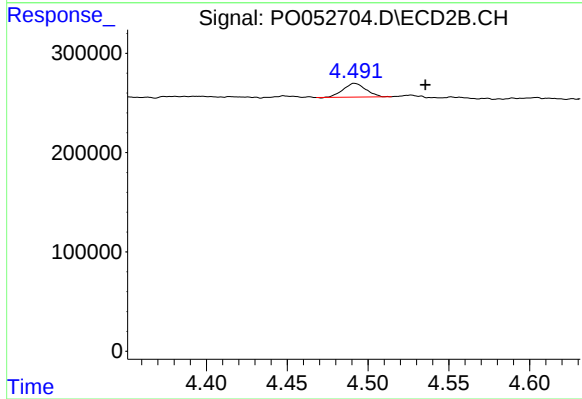
R.T.: 4.492 min  
Delta R.T.: 0.036 min  
Response: 136872  
Conc: 28.43 ng/ml



#19 AR-1242-4

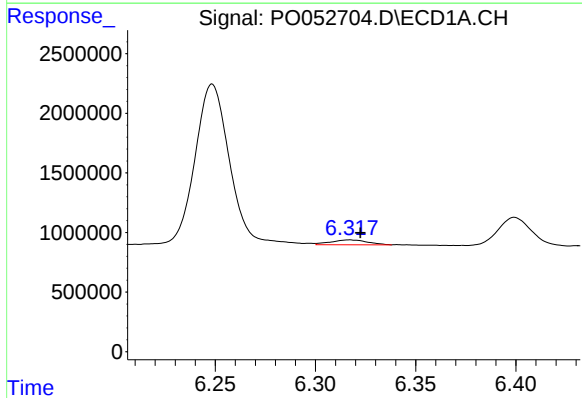
R.T.: 0.000 min  
Exp R.T.: 5.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



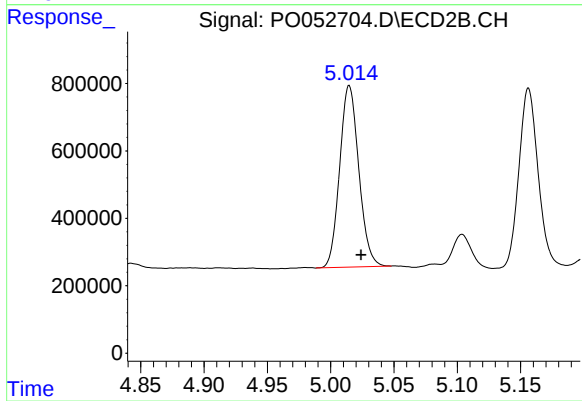
#19 AR-1242-4

R.T.: 4.492 min  
Delta R.T.: -0.044 min  
Response: 136872  
Conc: 27.95 ng/ml



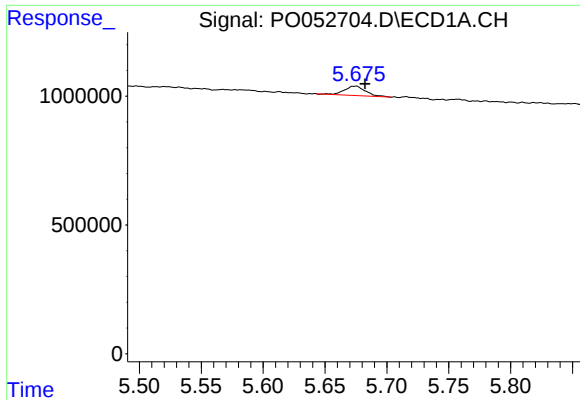
#20 AR-1242-5

R.T.: 6.317 min  
Delta R.T.: -0.005 min  
Response: 508272  
Conc: 36.08 ng/ml



#20 AR-1242-5

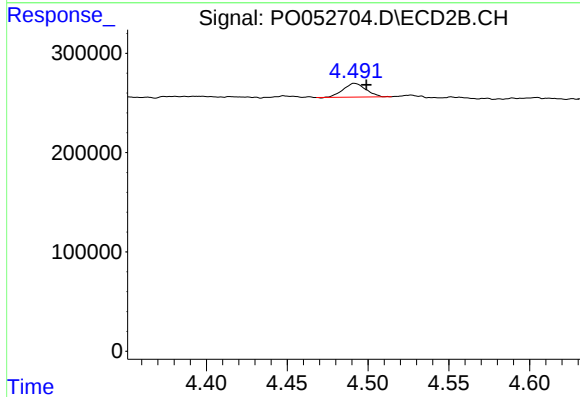
R.T.: 5.015 min  
Delta R.T.: -0.009 min  
Response: 5663160  
Conc: 946.75 ng/ml



#22 AR-1248-2

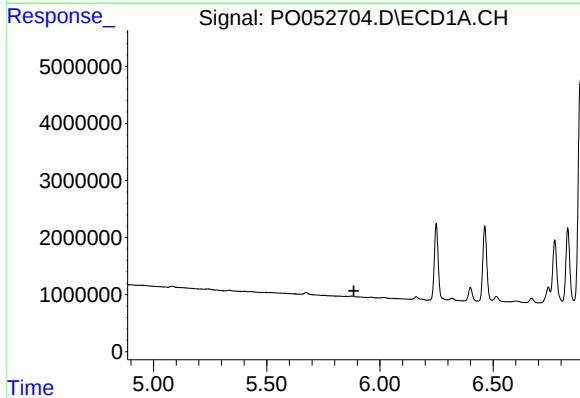
R.T.: 5.675 min  
Delta R.T.: -0.007 min  
Response: 440967  
Conc: 23.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



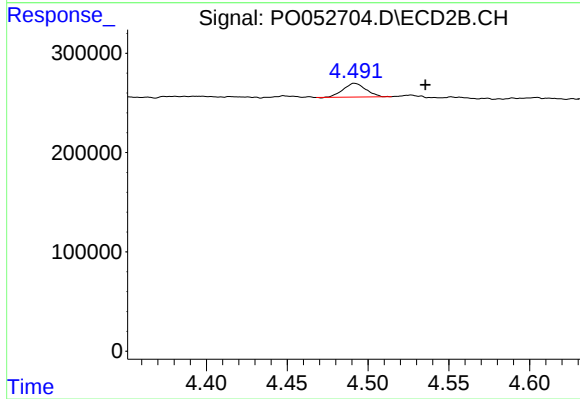
#22 AR-1248-2

R.T.: 4.492 min  
Delta R.T.: -0.007 min  
Response: 136872  
Conc: 19.74 ng/ml



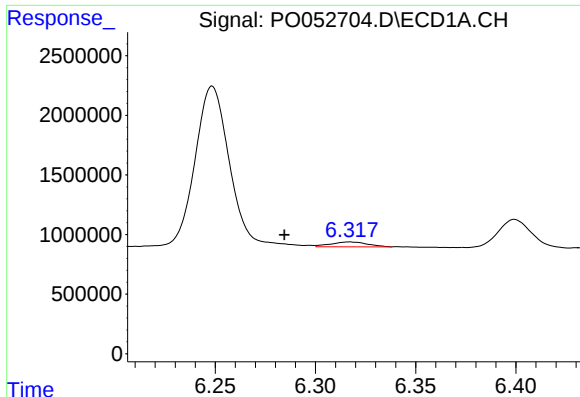
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.885 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

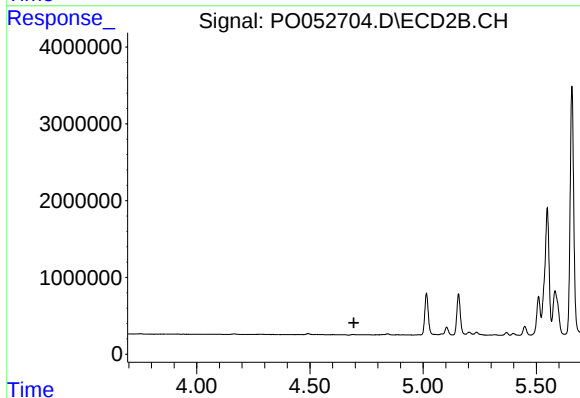
R.T.: 4.492 min  
Delta R.T.: -0.044 min  
Response: 136872  
Conc: 19.71 ng/ml



#24 AR-1248-4

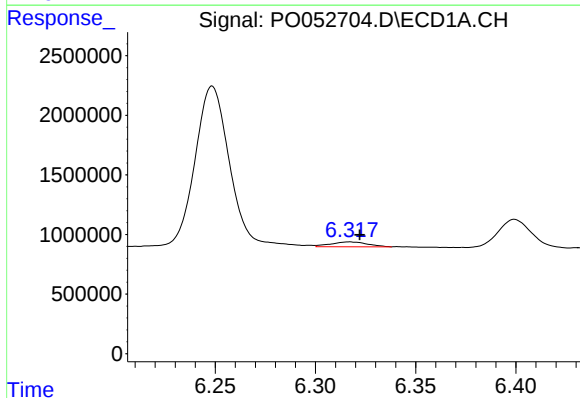
R.T.: 6.317 min  
Delta R.T.: 0.033 min  
Response: 508272  
Conc: 22.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



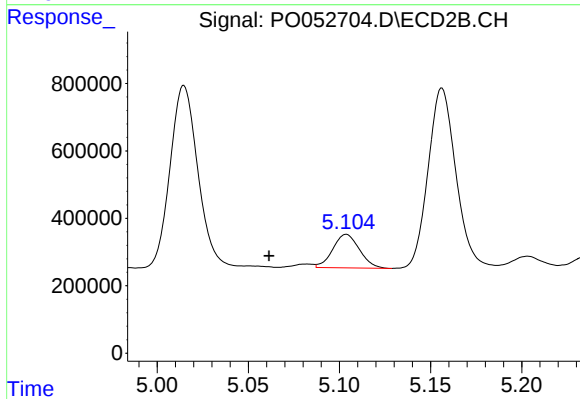
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 4.694 min  
Response: 0  
Conc: N.D.



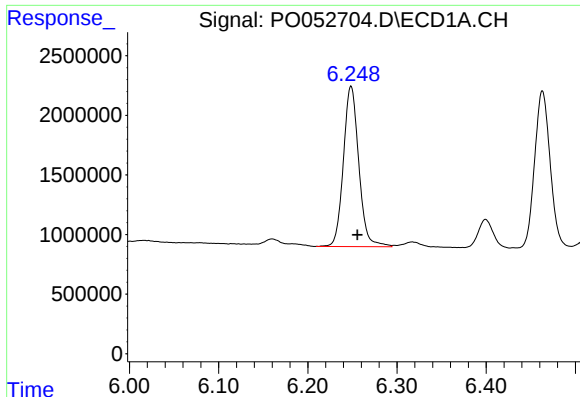
#25 AR-1248-5

R.T.: 6.317 min  
Delta R.T.: -0.005 min  
Response: 508272  
Conc: 23.28 ng/ml



#25 AR-1248-5

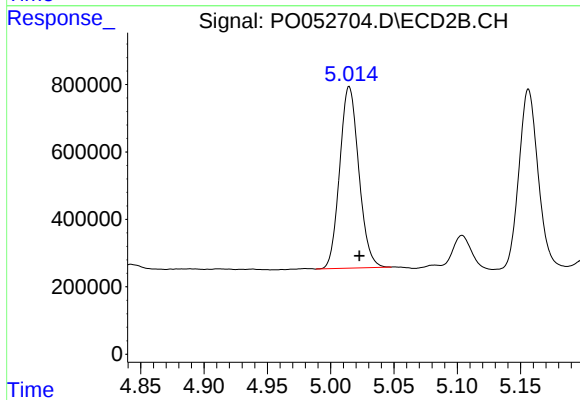
R.T.: 5.104 min  
Delta R.T.: 0.043 min  
Response: 1012293  
Conc: 122.04 ng/ml



#26 AR-1254-1

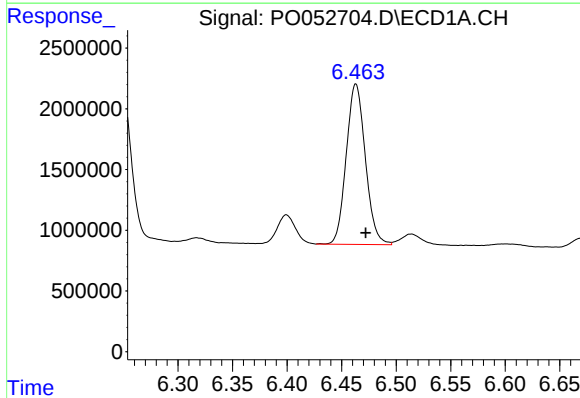
R.T.: 6.249 min  
Delta R.T.: -0.007 min  
Response: 16096839  
Conc: 644.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



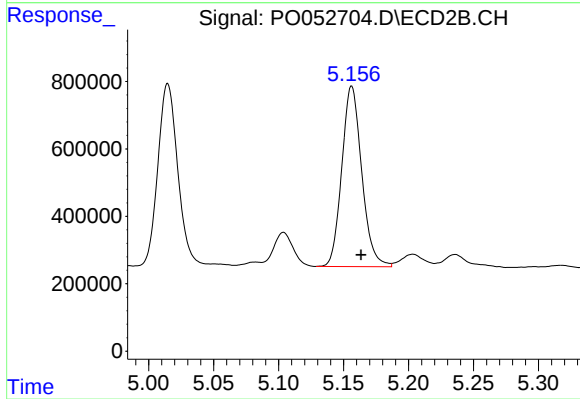
#26 AR-1254-1

R.T.: 5.015 min  
Delta R.T.: -0.008 min  
Response: 5663160  
Conc: 410.78 ng/ml



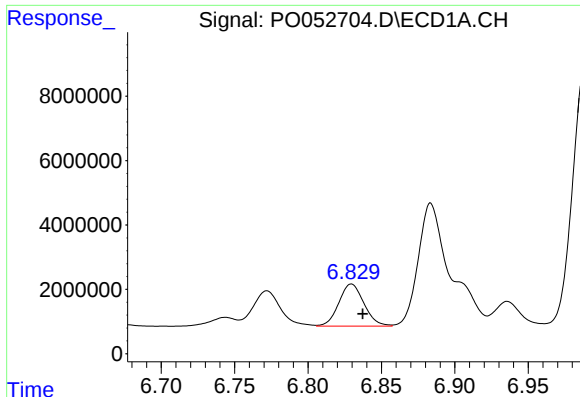
#27 AR-1254-2

R.T.: 6.463 min  
Delta R.T.: -0.009 min  
Response: 16122475  
Conc: 416.30 ng/ml



#27 AR-1254-2

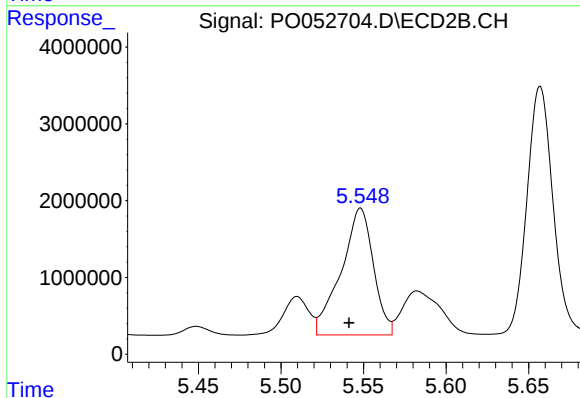
R.T.: 5.156 min  
Delta R.T.: -0.007 min  
Response: 5720025  
Conc: 466.55 ng/ml



#28 AR-1254-3

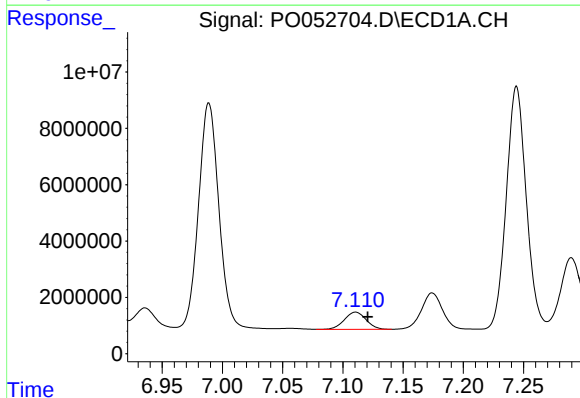
R.T.: 6.830 min  
Delta R.T.: -0.008 min  
Response: 15612305  
Conc: 396.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



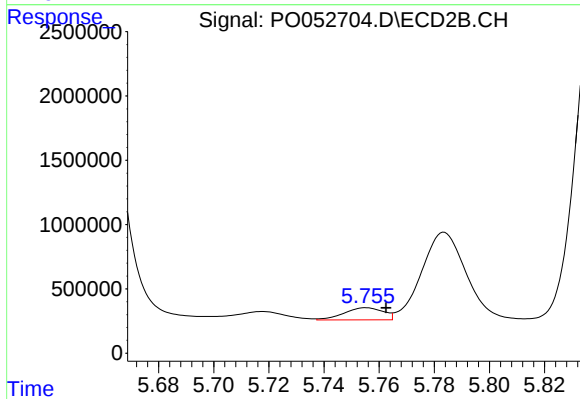
#28 AR-1254-3

R.T.: 5.548 min  
Delta R.T.: 0.007 min  
Response: 22496830  
Conc: 1167.52 ng/ml



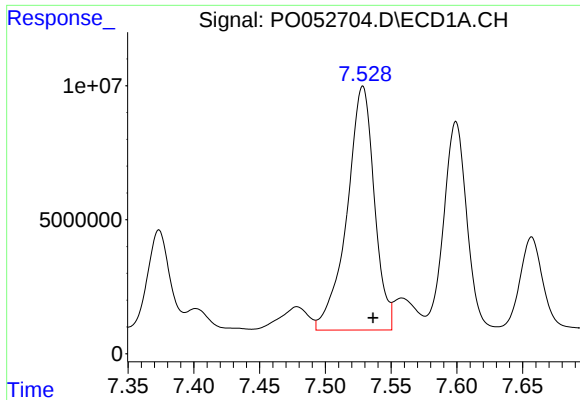
#29 AR-1254-4

R.T.: 7.111 min  
Delta R.T.: -0.010 min  
Response: 7721239  
Conc: 281.20 ng/ml



#29 AR-1254-4

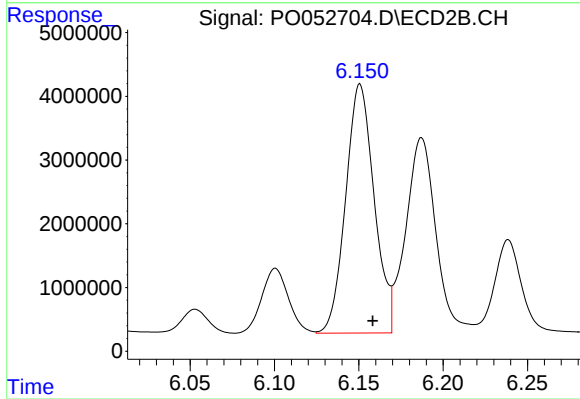
R.T.: 5.755 min  
Delta R.T.: -0.007 min  
Response: 931048  
Conc: 83.42 ng/ml



#30 AR-1254-5

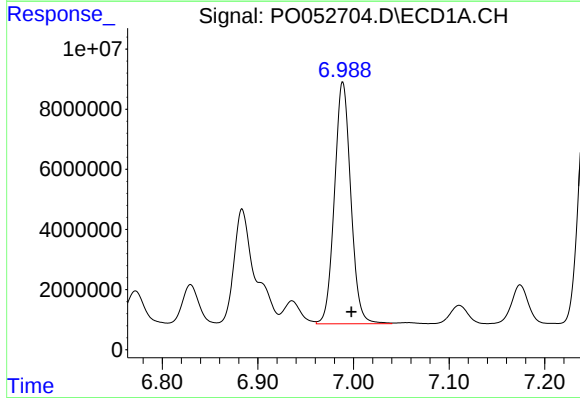
R.T.: 7.528 min  
Delta R.T.: -0.008 min  
Response: 131974475  
Conc: 4534.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



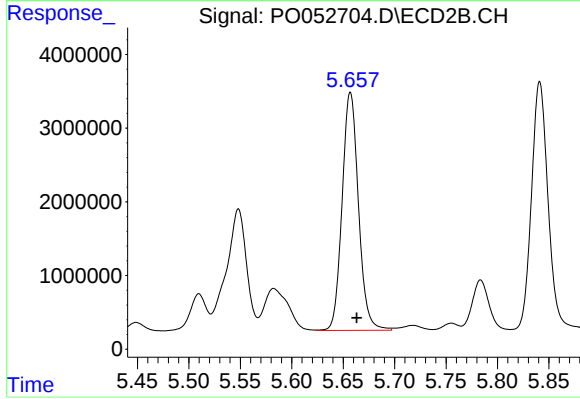
#30 AR-1254-5

R.T.: 6.151 min  
Delta R.T.: -0.008 min  
Response: 45932846  
Conc: 2756.12 ng/ml



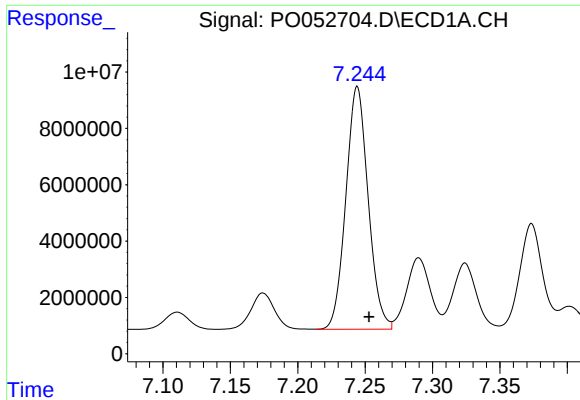
#31 AR-1260-1

R.T.: 6.989 min  
Delta R.T.: -0.009 min  
Response: 95353171  
Conc: 3264.00 ng/ml



#31 AR-1260-1

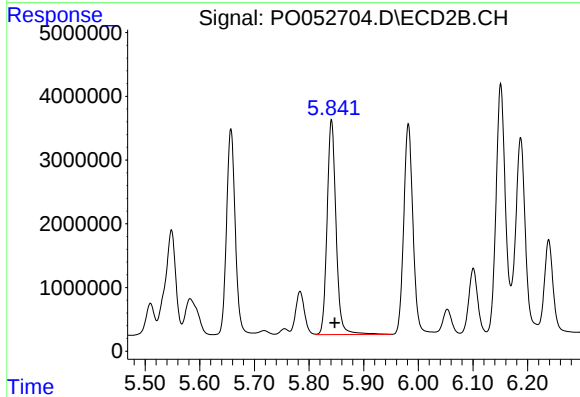
R.T.: 5.657 min  
Delta R.T.: -0.006 min  
Response: 35740385  
Conc: 2606.15 ng/ml



#32 AR-1260-2

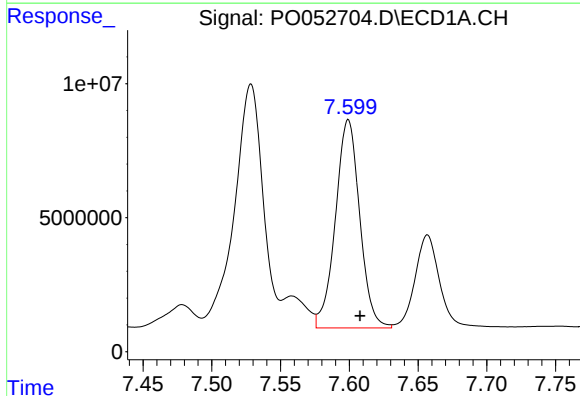
R.T.: 7.244 min  
Delta R.T.: -0.009 min  
Response: 99582310  
Conc: 2847.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



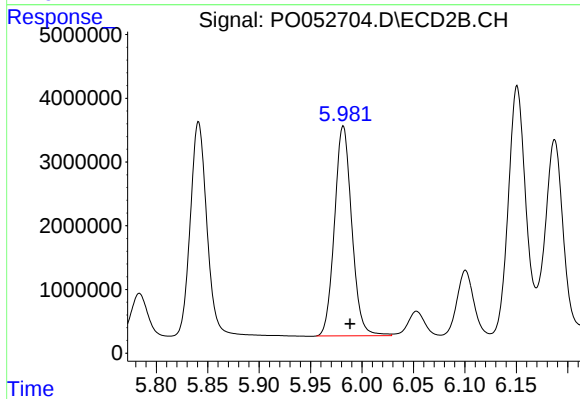
#32 AR-1260-2

R.T.: 5.841 min  
Delta R.T.: -0.006 min  
Response: 38331810  
Conc: 2306.72 ng/ml



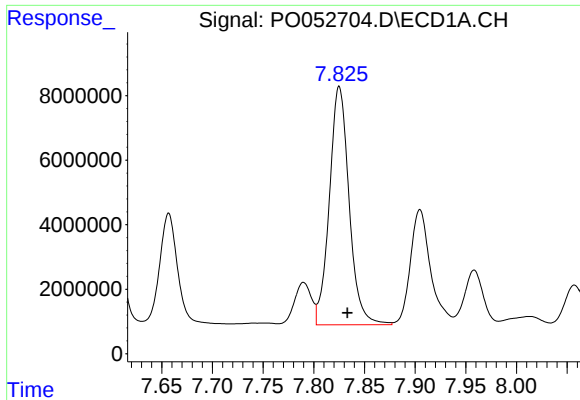
#33 AR-1260-3

R.T.: 7.599 min  
Delta R.T.: -0.008 min  
Response: 95568888  
Conc: 4106.24 ng/ml



#33 AR-1260-3

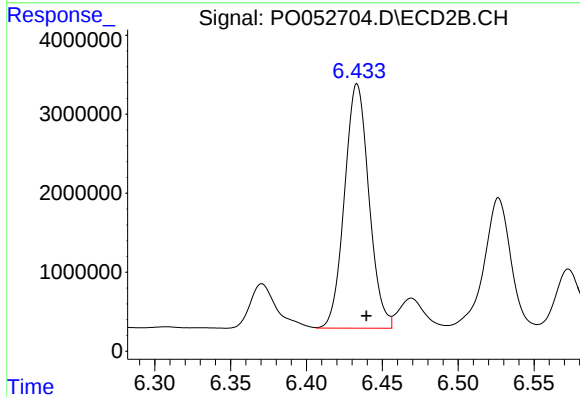
R.T.: 5.982 min  
Delta R.T.: -0.007 min  
Response: 38479701  
Conc: 2516.78 ng/ml



#34 AR-1260-4

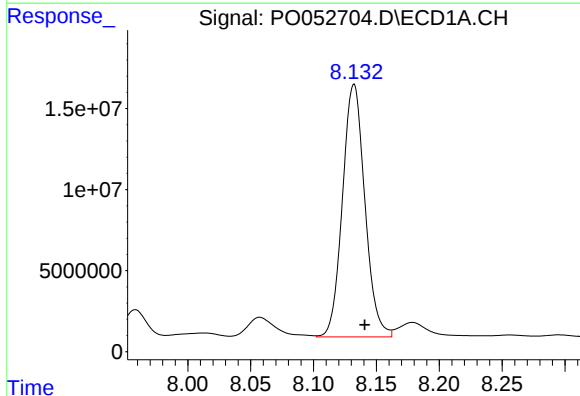
R.T.: 7.825 min  
Delta R.T.: -0.008 min  
Response: 100305718  
Conc: 4028.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



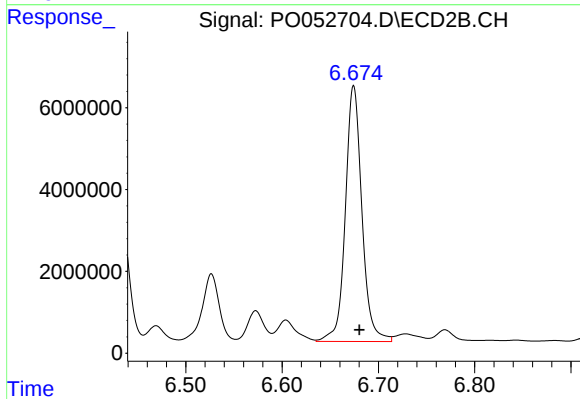
#34 AR-1260-4

R.T.: 6.433 min  
Delta R.T.: -0.006 min  
Response: 34672660  
Conc: 3445.84 ng/ml



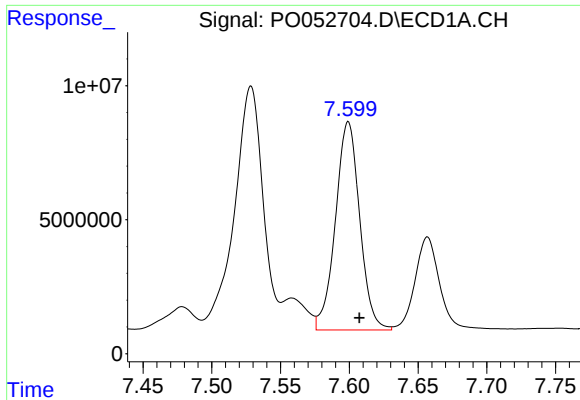
#35 AR-1260-5

R.T.: 8.132 min  
Delta R.T.: -0.009 min  
Response: 193453863  
Conc: 3945.76 ng/ml



#35 AR-1260-5

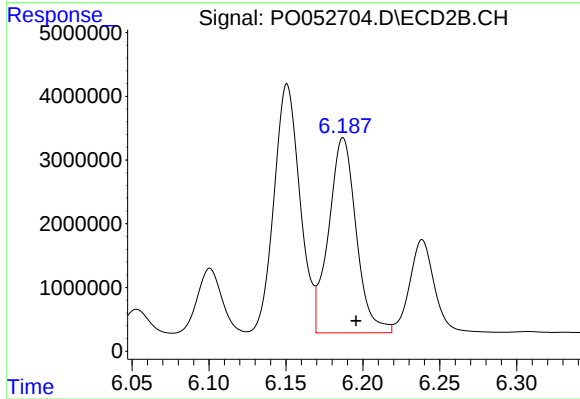
R.T.: 6.674 min  
Delta R.T.: -0.006 min  
Response: 74454925  
Conc: 3141.13 ng/ml



#36 AR-1262-1

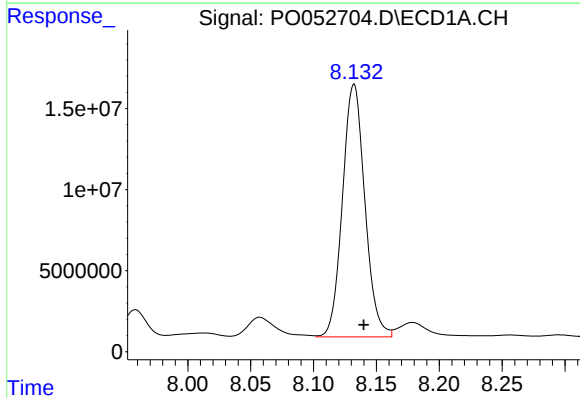
R.T.: 7.599 min  
Delta R.T.: -0.008 min  
Response: 95568888  
Conc: 2427.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



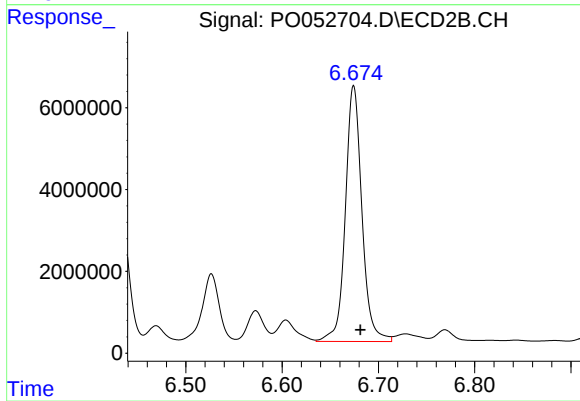
#36 AR-1262-1

R.T.: 6.187 min  
Delta R.T.: -0.008 min  
Response: 38068007  
Conc: 2093.69 ng/ml



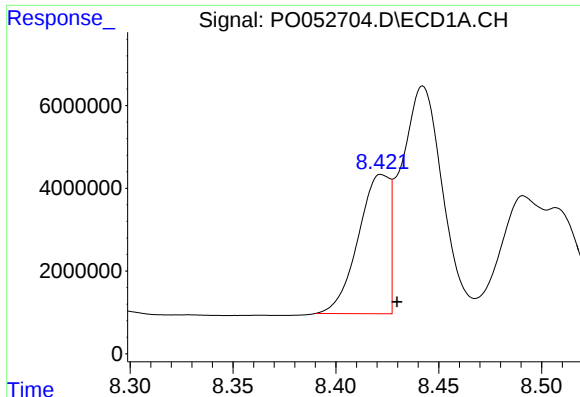
#37 AR-1262-2

R.T.: 8.132 min  
Delta R.T.: -0.008 min  
Response: 193453863  
Conc: 3128.90 ng/ml



#37 AR-1262-2

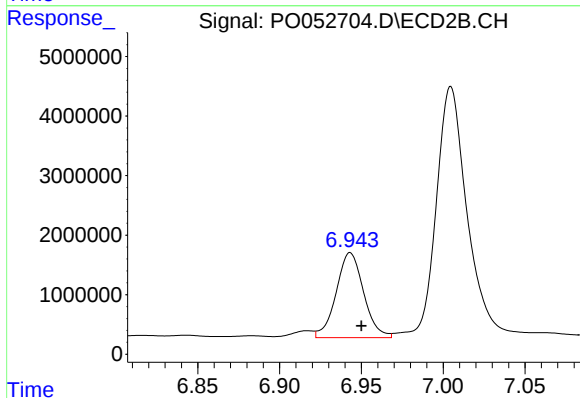
R.T.: 6.674 min  
Delta R.T.: -0.007 min  
Response: 74454925  
Conc: 2607.76 ng/ml



#38 AR-1262-3

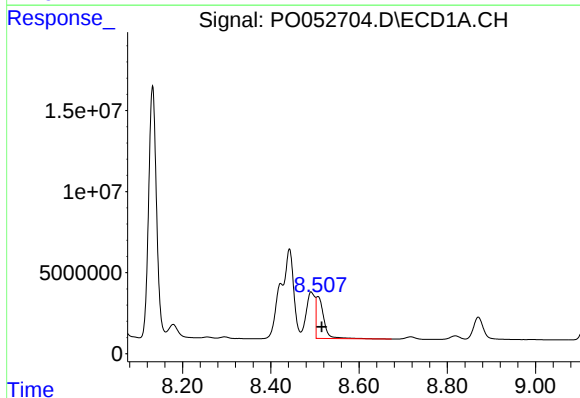
R.T.: 8.422 min  
Delta R.T.: -0.007 min  
Response: 35521240  
Conc: 856.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



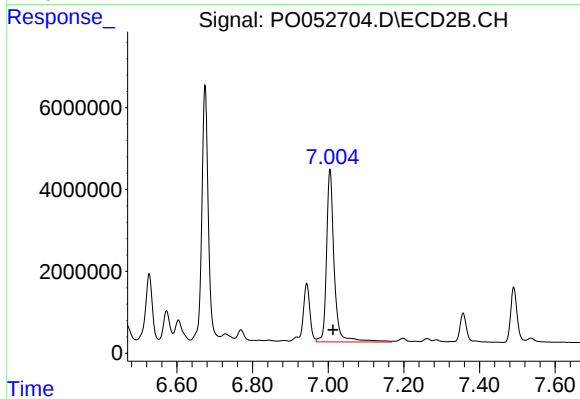
#38 AR-1262-3

R.T.: 6.943 min  
Delta R.T.: -0.007 min  
Response: 16675320  
Conc: 1402.31 ng/ml



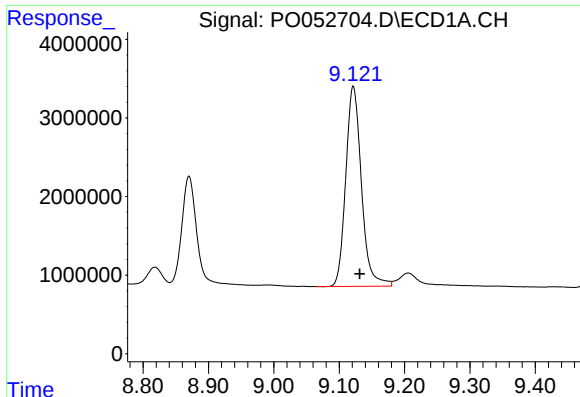
#39 AR-1262-4

R.T.: 8.507 min  
Delta R.T.: -0.009 min  
Response: 30782419  
Conc: 898.67 ng/ml



#39 AR-1262-4

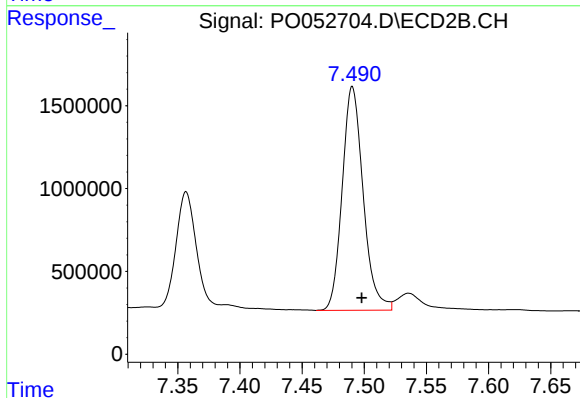
R.T.: 7.005 min  
Delta R.T.: -0.008 min  
Response: 59281562  
Conc: 2760.11 ng/ml



#40 AR-1262-5

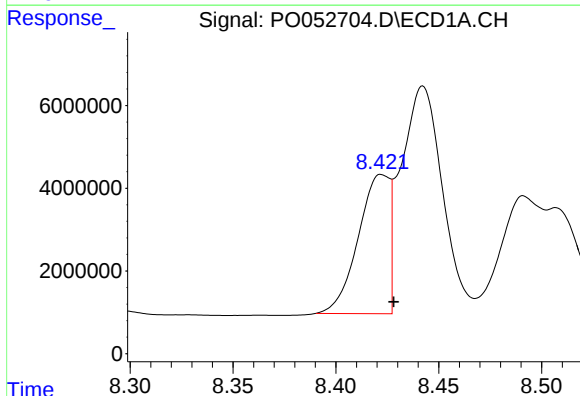
R.T.: 9.122 min  
Delta R.T.: -0.010 min  
Response: 42528604  
Conc: 2064.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



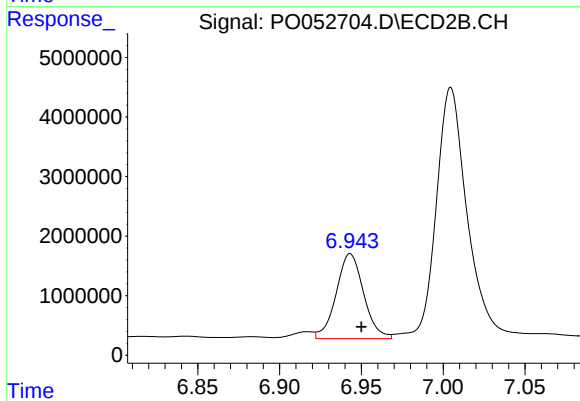
#40 AR-1262-5

R.T.: 7.490 min  
Delta R.T.: -0.007 min  
Response: 15849156  
Conc: 1802.08 ng/ml



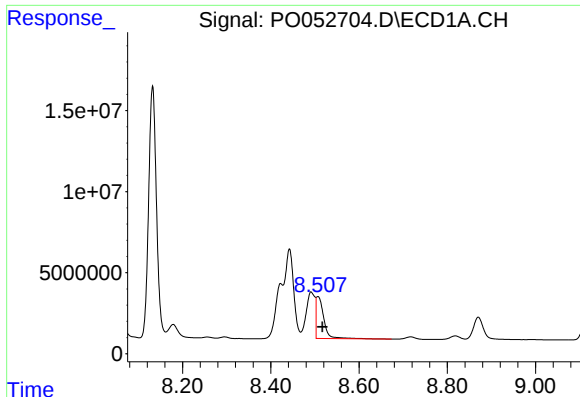
#41 AR-1268-1

R.T.: 8.422 min  
Delta R.T.: -0.006 min  
Response: 35521240  
Conc: 393.69 ng/ml



#41 AR-1268-1

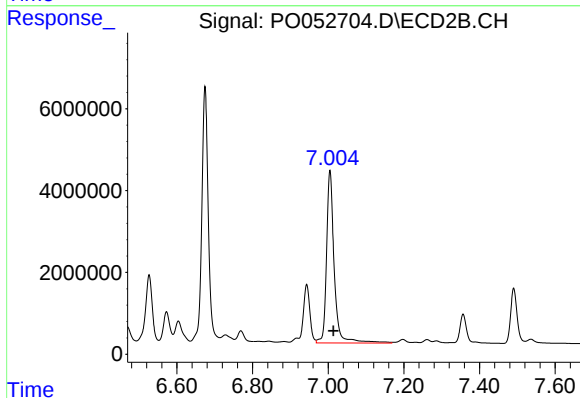
R.T.: 6.943 min  
Delta R.T.: -0.007 min  
Response: 16675320  
Conc: 429.46 ng/ml



#42 AR-1268-2

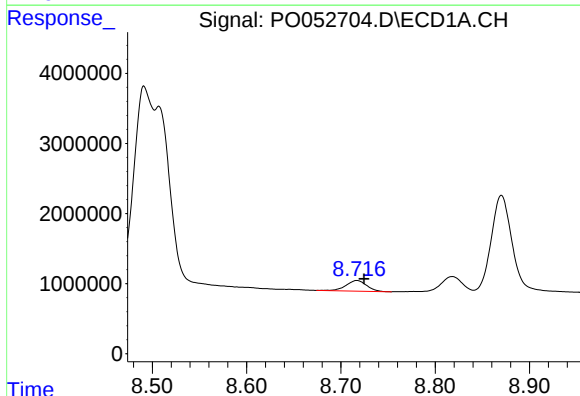
R.T.: 8.507 min  
Delta R.T.: -0.011 min  
Response: 30782419  
Conc: 359.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



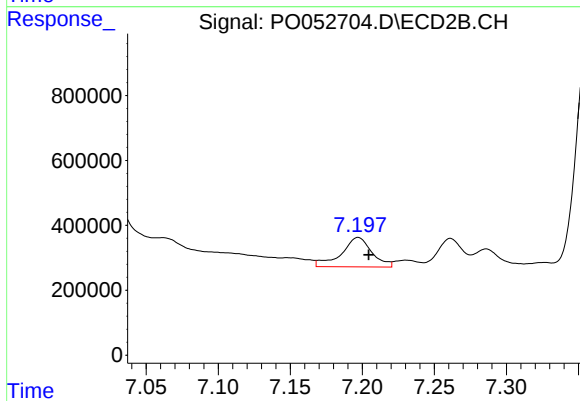
#42 AR-1268-2

R.T.: 7.005 min  
Delta R.T.: -0.009 min  
Response: 59281562  
Conc: 1606.37 ng/ml



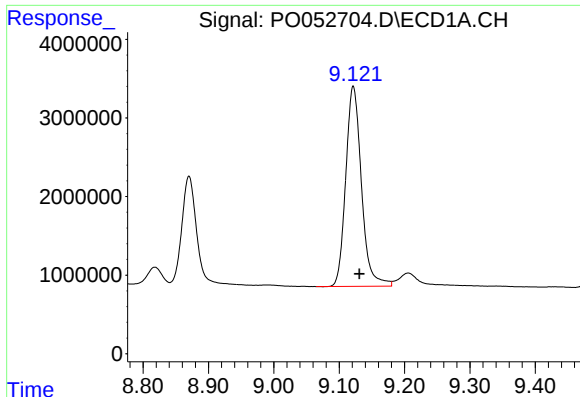
#43 AR-1268-3

R.T.: 8.717 min  
Delta R.T.: -0.008 min  
Response: 2305973  
Conc: 31.32 ng/ml



#43 AR-1268-3

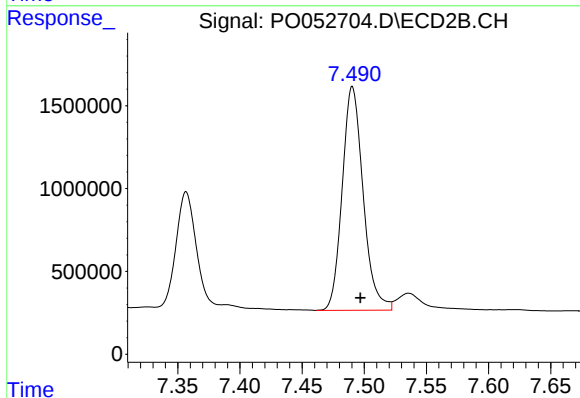
R.T.: 7.197 min  
Delta R.T.: -0.007 min  
Response: 1340161  
Conc: 41.68 ng/ml



#44 AR-1268-4

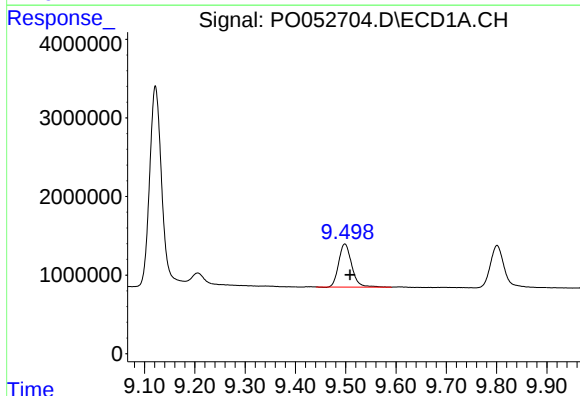
R.T.: 9.122 min  
Delta R.T.: -0.009 min  
Response: 42528604  
Conc: 1611.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
P001-SS003-1218-01



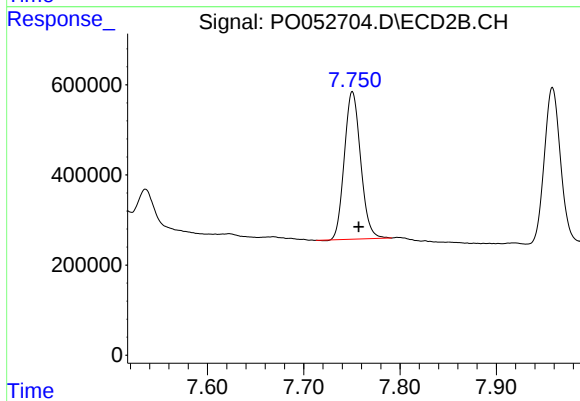
#44 AR-1268-4

R.T.: 7.490 min  
Delta R.T.: -0.006 min  
Response: 15849156  
Conc: 1383.39 ng/ml



#45 AR-1268-5

R.T.: 9.498 min  
Delta R.T.: -0.011 min  
Response: 9844782  
Conc: 45.53 ng/ml



#45 AR-1268-5

R.T.: 7.751 min  
Delta R.T.: -0.007 min  
Response: 3829761  
Conc: 42.86 ng/ml