

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0082819\  
 Data File : P0059973.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 28 Aug 2019 17:48  
 Operator : SM/AJ  
 Sample : PB122609BL  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PB122609BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 28 18:19:57 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 28 13:30:59 2019  
 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... | 4.122 | 3.499 | 857588  | 744404 | 24.494  | 20.680 |
| 2)                          | SA Decachlor... | 9.591 | 8.357 | 1150471 | 854505 | 21.625  | 21.193 |
| Target Compounds            |                 |       |       |         |        |         |        |
| 3)                          | L1 AR-1016-1    | 5.305 | 0.000 | 10090   | 0      | 6.291   | N.D. # |
| 4)                          | L1 AR-1016-2    | 5.305 | 0.000 | 10090   | 0      | 4.217   | N.D. # |
| 5)                          | L1 AR-1016-3    | 5.352 | 0.000 | 4232    | 0      | 2.841   | N.D. # |
| 7)                          | L1 AR-1016-5    | 5.755 | 0.000 | 1425    | 0      | 1.110   | N.D. # |
| 8)                          | L2 AR-1221-1    | 4.361 | 0.000 | 802     | 0      | 1.893   | N.D. # |
| 9)                          | L2 AR-1221-2    | 4.423 | 0.000 | 13012   | 0      | 40.061  | N.D. # |
| 10)                         | L2 AR-1221-3    | 4.518 | 0.000 | 7325    | 0      | 6.963   | N.D. # |
| 11)                         | L3 AR-1232-1    | 4.518 | 0.000 | 7325    | 0      | 5.876   | N.D. # |
| 12)                         | L3 AR-1232-2    | 5.044 | 0.000 | 18090   | 0      | 25.609  | N.D. # |
| 13)                         | L3 AR-1232-3    | 5.305 | 0.000 | 10090   | 0      | 6.589   | N.D. # |
| 15)                         | L3 AR-1232-5    | 5.606 | 0.000 | 2492    | 0      | 4.146   | N.D. # |
| 16)                         | L4 AR-1242-1    | 5.305 | 0.000 | 10090   | 0      | 7.948   | N.D. # |
| 17)                         | L4 AR-1242-2    | 5.305 | 0.000 | 10090   | 0      | 5.437   | N.D. # |
| 18)                         | L4 AR-1242-3    | 5.352 | 0.000 | 4232    | 0      | 3.621   | N.D. # |
| 20)                         | L4 AR-1242-5    | 6.222 | 0.000 | 10255   | 0      | 8.161   | N.D. # |
| 21)                         | L5 AR-1248-1    | 5.305 | 0.000 | 10090   | 0      | 10.064  | N.D. # |
| 22)                         | L5 AR-1248-2    | 5.606 | 0.000 | 2492    | 0      | 1.718   | N.D. # |
| 23)                         | L5 AR-1248-3    | 5.755 | 0.000 | 1425    | 0      | 0.857   | N.D. # |
| 24)                         | L5 AR-1248-4    | 6.116 | 0.000 | 8831    | 0      | 4.320   | N.D. # |
| 25)                         | L5 AR-1248-5    | 6.222 | 0.000 | 10255   | 0      | 5.171   | N.D. # |
| 26)                         | L6 AR-1254-1    | 6.116 | 0.000 | 8831    | 0      | 4.233   | N.D. # |
| 27)                         | L6 AR-1254-2    | 6.268 | 0.000 | 4195    | 0      | 1.257   | N.D. # |
| 28)                         | L6 AR-1254-3    | 6.724 | 0.000 | 15595   | 0      | 4.395   | N.D. # |
| 31)                         | L7 AR-1260-1    | 6.823 | 0.000 | 10820   | 0      | 4.014   | N.D. # |
| 35)                         | L7 AR-1260-5    | 7.963 | 0.000 | 509619  | 0      | 71.971  | N.D. # |
| 37)                         | L8 AR-1262-2    | 7.963 | 0.000 | 509619  | 0      | 66.048  | N.D. # |
| 40)                         | L8 AR-1262-5    | 8.932 | 0.000 | 533396  | 0      | 207.825 | N.D. # |
| 43)                         | L9 AR-1268-3    | 8.554 | 0.000 | 106678  | 0      | 15.134  | N.D. # |
| 44)                         | L9 AR-1268-4    | 8.932 | 0.000 | 533396  | 0      | 191.866 | N.D. # |
| 45)                         | L9 AR-1268-5    | 9.392 | 0.000 | 18008   | 0      | 0.976   | N.D. # |
| -----                       |                 |       |       |         |        |         |        |

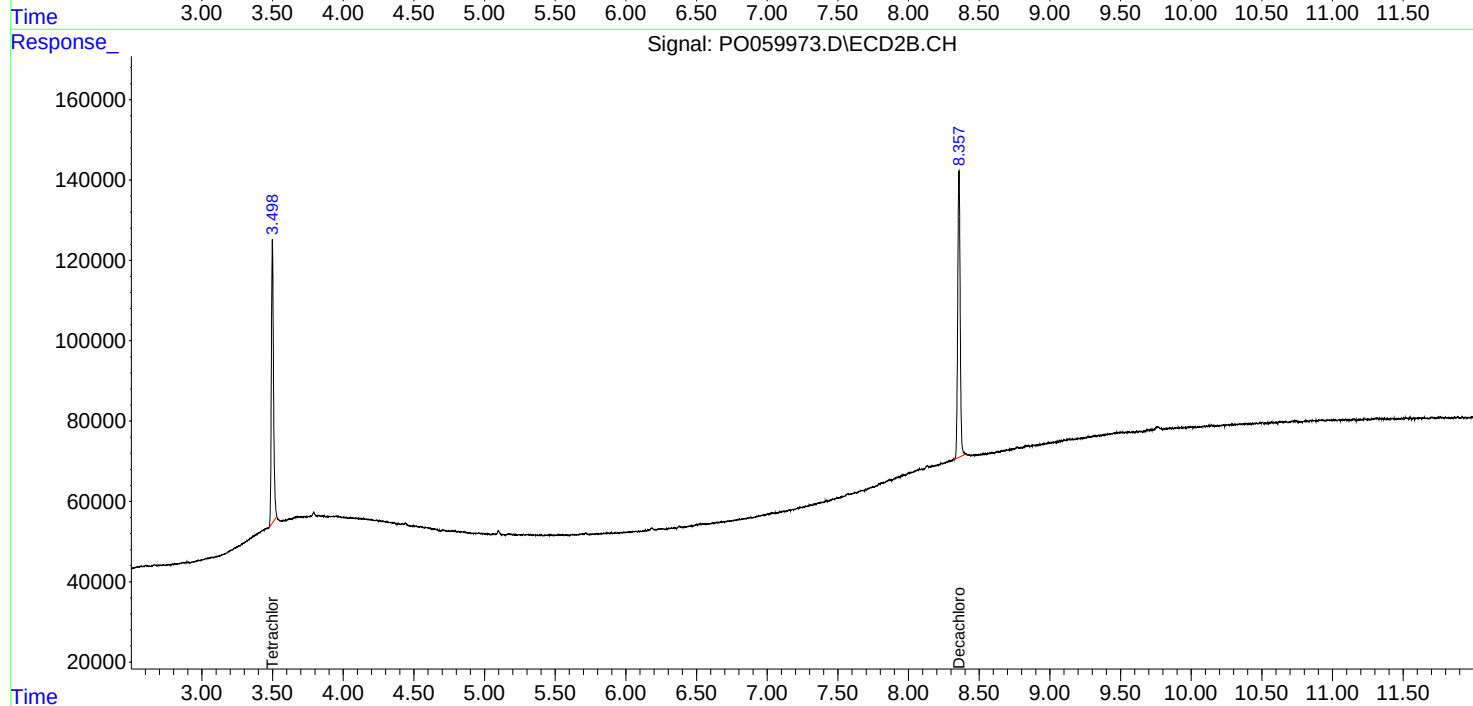
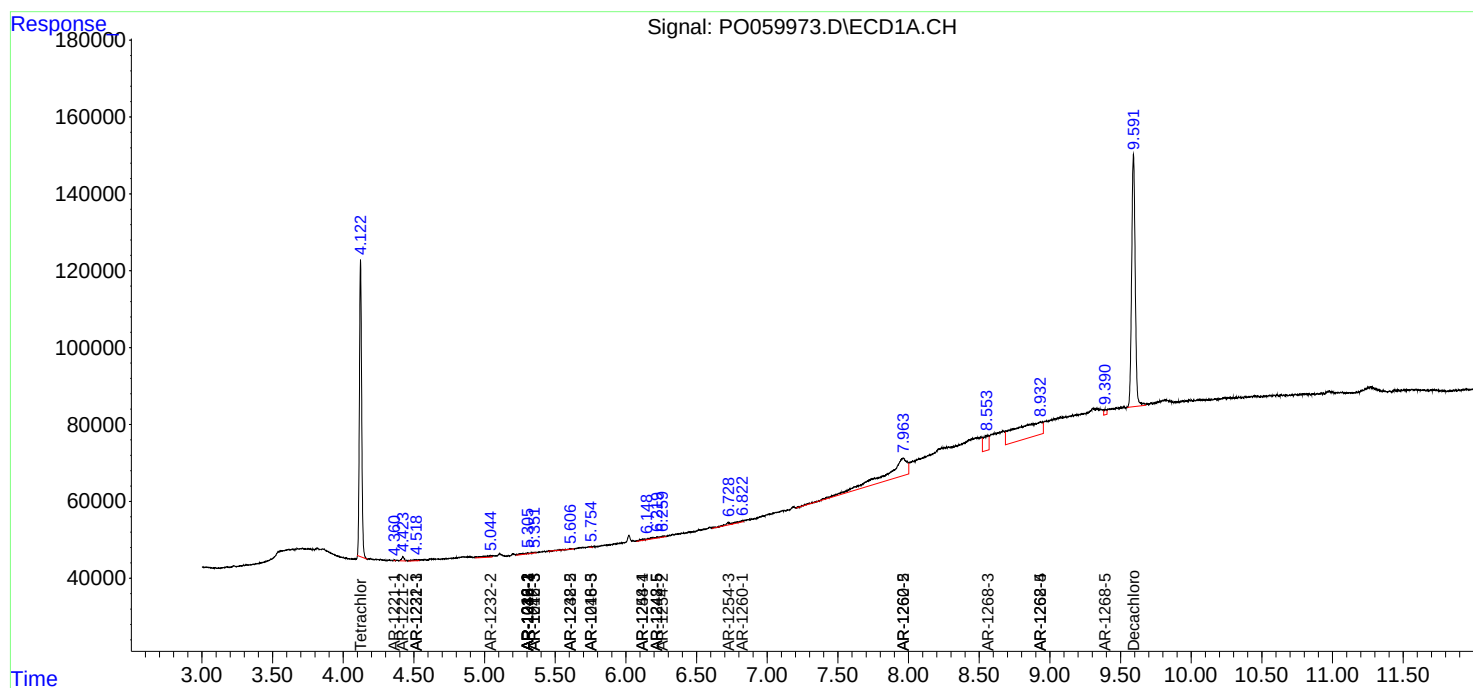
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

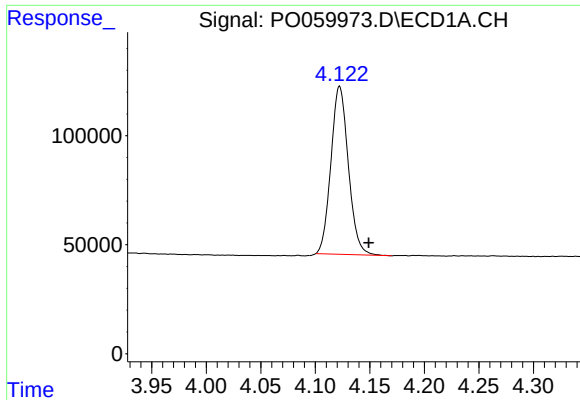
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO082819\  
Data File : PO059973.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 28 Aug 2019 17:48  
Operator : SM/AJ  
Sample : PB122609BL  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 28 18:19:57 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO081719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 28 13:30:59 2019  
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

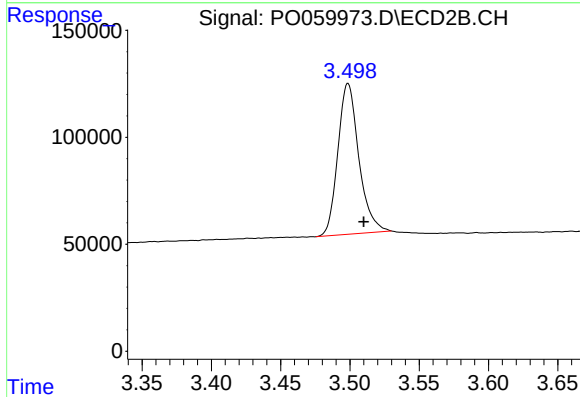




#1 Tetrachloro-m-xylene

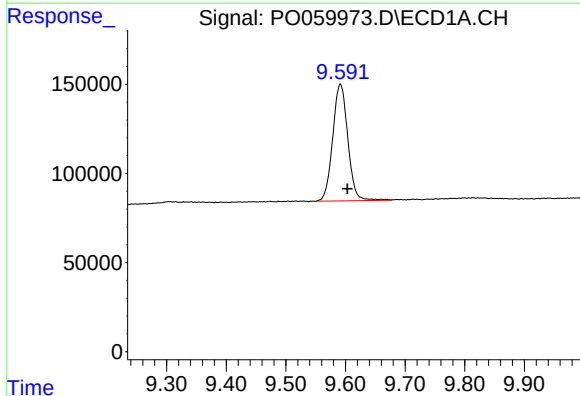
R.T.: 4.122 min  
Delta R.T.: -0.027 min  
Response: 857588  
Conc: 24.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



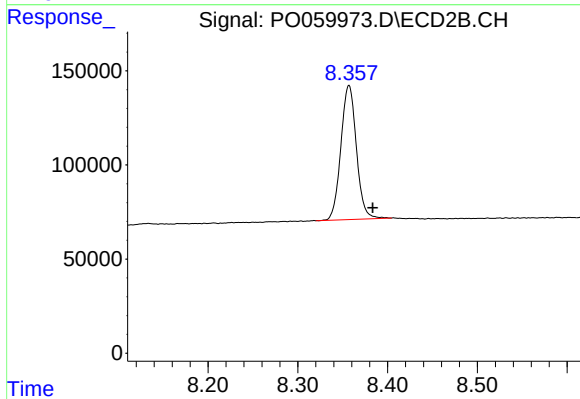
#1 Tetrachloro-m-xylene

R.T.: 3.499 min  
Delta R.T.: -0.011 min  
Response: 744404  
Conc: 20.68 ng/ml



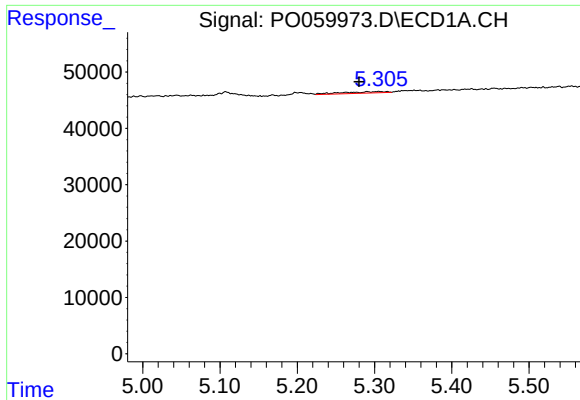
#2 Decachlorobiphenyl

R.T.: 9.591 min  
Delta R.T.: -0.012 min  
Response: 1150471  
Conc: 21.63 ng/ml



#2 Decachlorobiphenyl

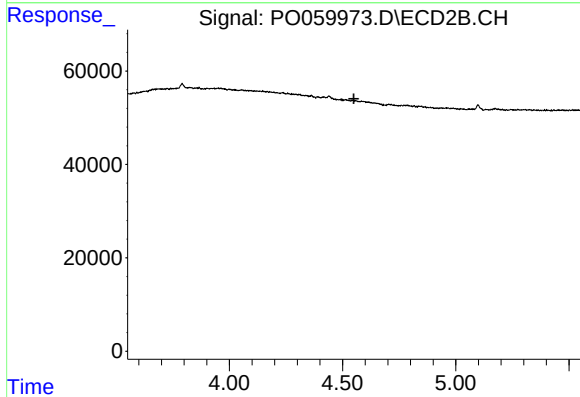
R.T.: 8.357 min  
Delta R.T.: -0.026 min  
Response: 854505  
Conc: 21.19 ng/ml



#3 AR-1016-1

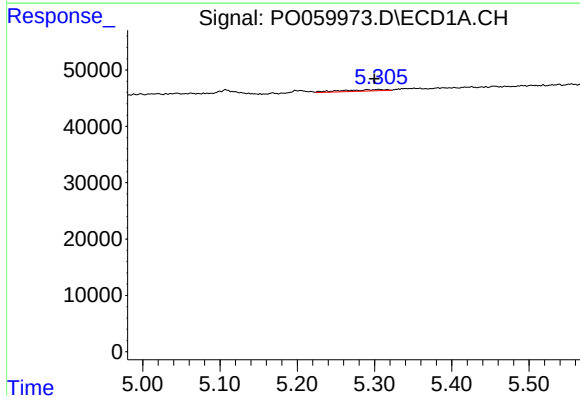
R.T.: 5.305 min  
Delta R.T.: 0.025 min  
Response: 10090  
Conc: 6.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



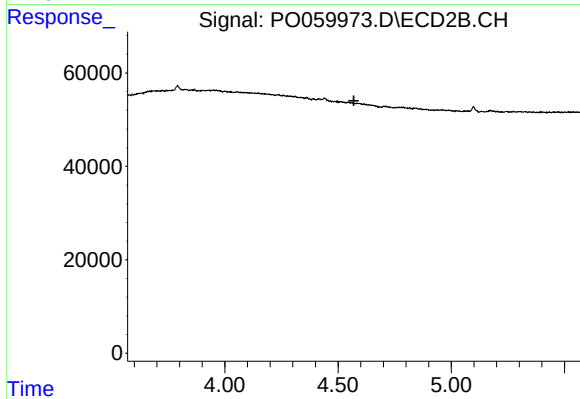
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.550 min  
Response: 0  
Conc: N.D.



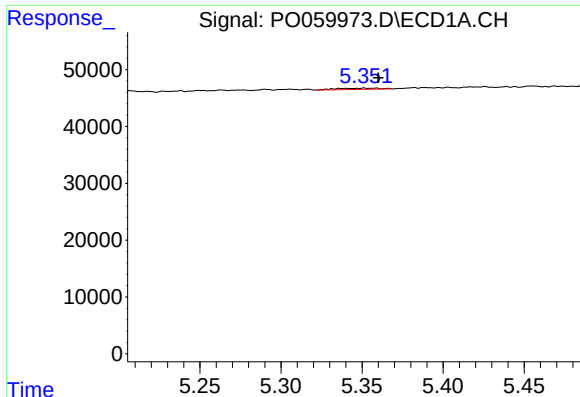
#4 AR-1016-2

R.T.: 5.305 min  
Delta R.T.: 0.005 min  
Response: 10090  
Conc: 4.22 ng/ml



#4 AR-1016-2

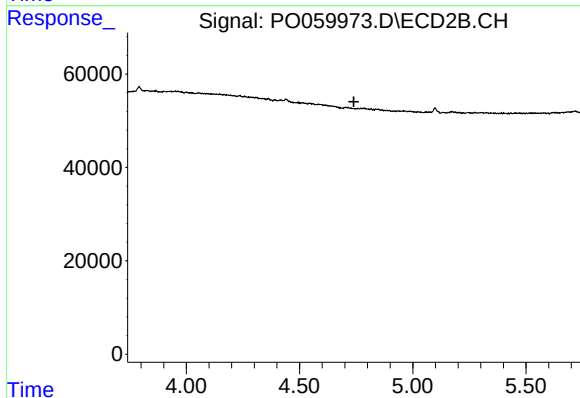
R.T.: 0.000 min  
Exp R.T. : 4.570 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

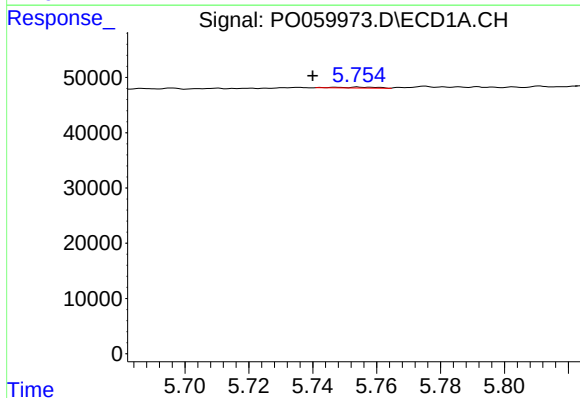
R.T.: 5.352 min  
Delta R.T.: -0.008 min  
Response: 4232  
Conc: 2.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



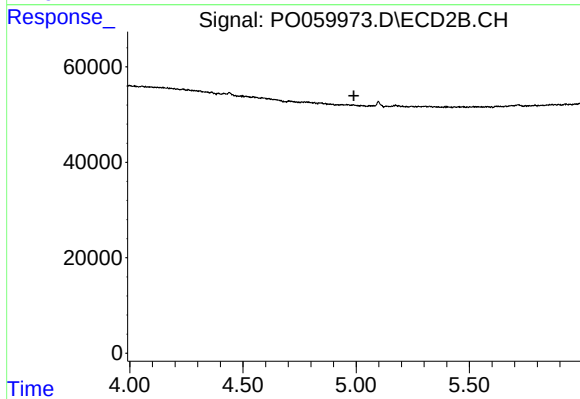
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.740 min  
Response: 0  
Conc: N.D.



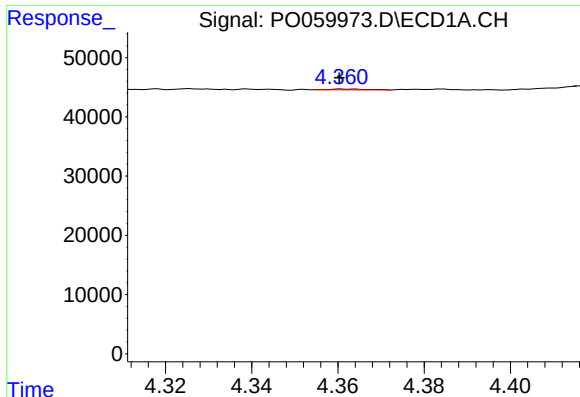
#7 AR-1016-5

R.T.: 5.755 min  
Delta R.T.: 0.015 min  
Response: 1425  
Conc: 1.11 ng/ml



#7 AR-1016-5

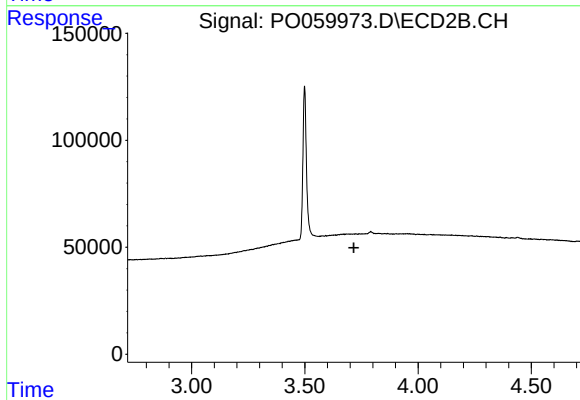
R.T.: 0.000 min  
Exp R.T. : 4.990 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

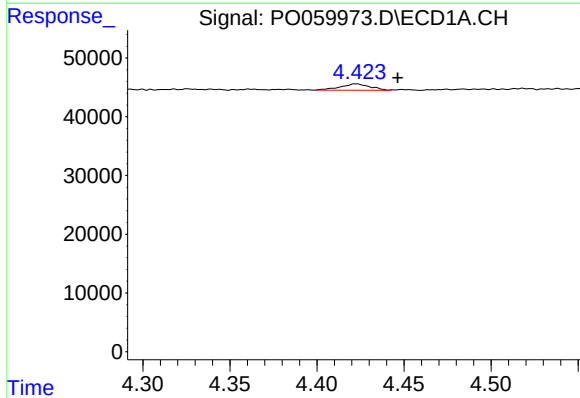
R.T.: 4.361 min  
Delta R.T.: 0.000 min  
Response: 802  
Conc: 1.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



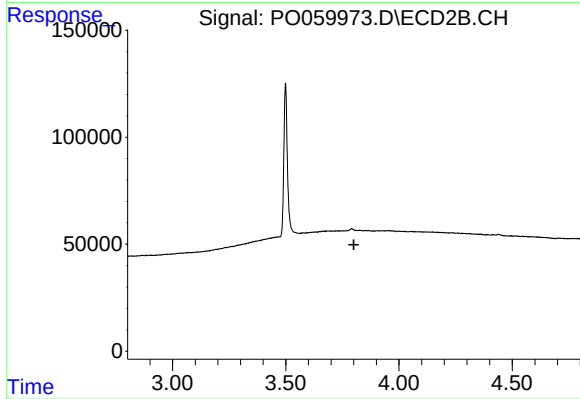
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.717 min  
Response: 0  
Conc: N.D.



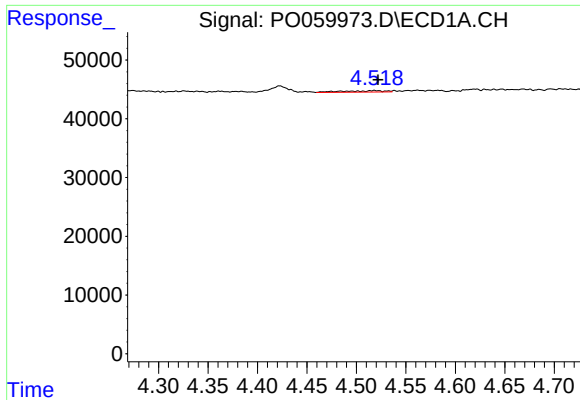
#9 AR-1221-2

R.T.: 4.423 min  
Delta R.T.: -0.024 min  
Response: 13012  
Conc: 40.06 ng/ml



#9 AR-1221-2

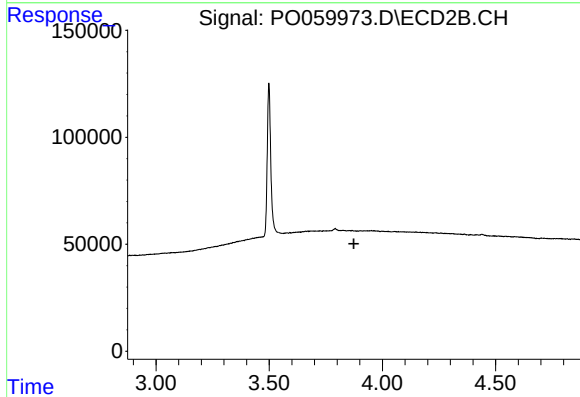
R.T.: 0.000 min  
Exp R.T. : 3.801 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

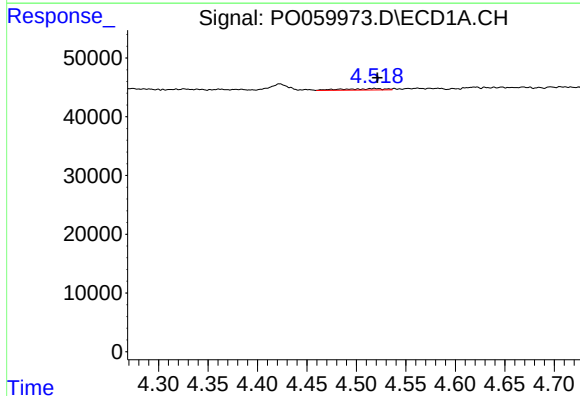
R.T.: 4.518 min  
Delta R.T.: -0.003 min  
Response: 7325  
Conc: 6.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



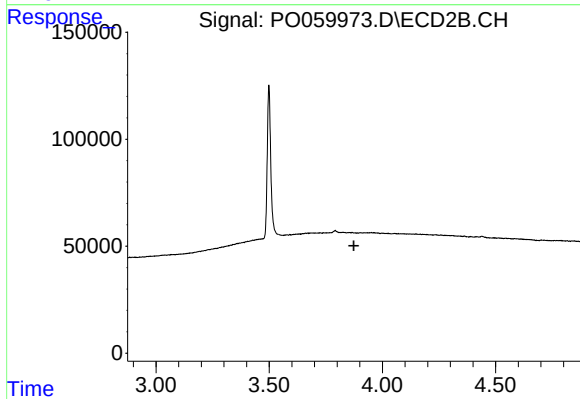
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.874 min  
Response: 0  
Conc: N.D.



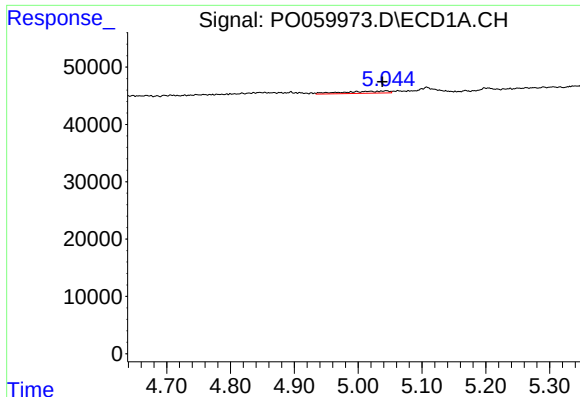
#11 AR-1232-1

R.T.: 4.518 min  
Delta R.T.: -0.003 min  
Response: 7325  
Conc: 5.88 ng/ml



#11 AR-1232-1

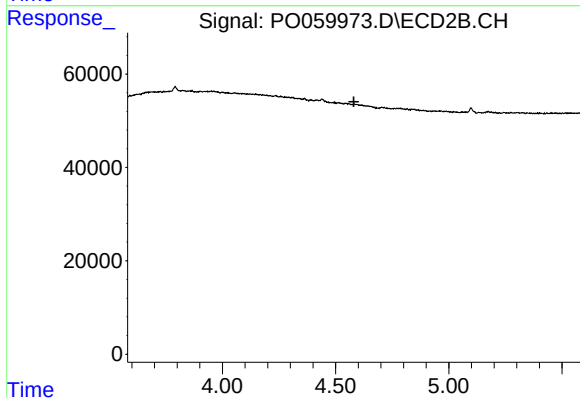
R.T.: 0.000 min  
Exp R.T. : 3.874 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

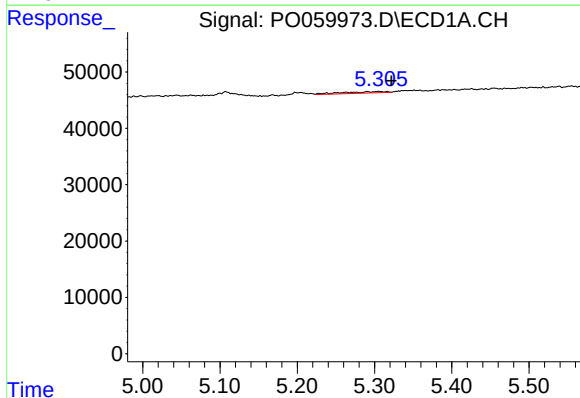
R.T.: 5.044 min  
Delta R.T.: 0.006 min  
Response: 18090  
Conc: 25.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



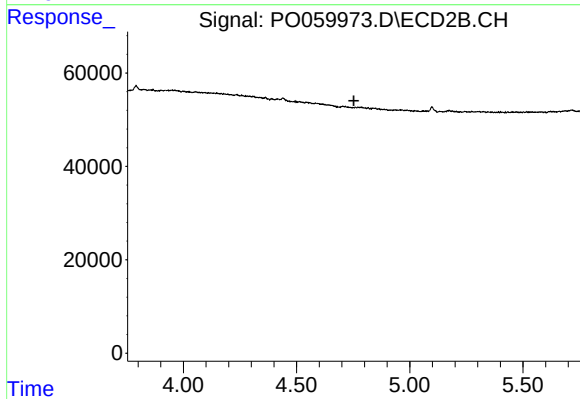
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.581 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

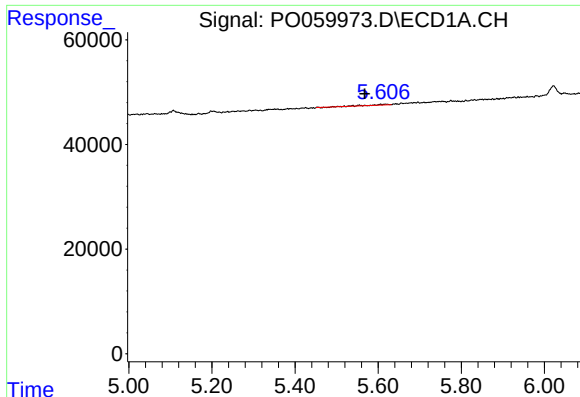
R.T.: 5.305 min  
Delta R.T.: -0.016 min  
Response: 10090  
Conc: 6.59 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.753 min  
Response: 0  
Conc: N.D.

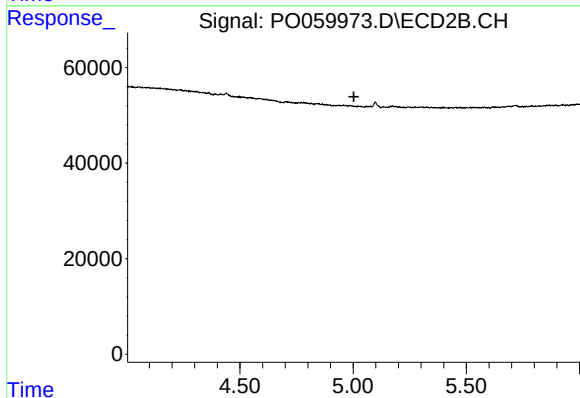




#15 AR-1232-5

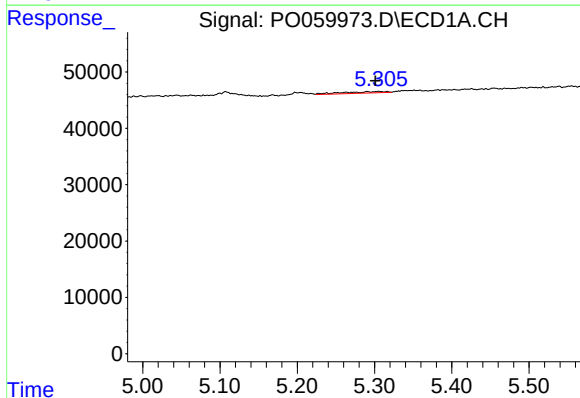
R.T.: 5.606 min  
Delta R.T.: 0.038 min  
Response: 2492  
Conc: 4.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



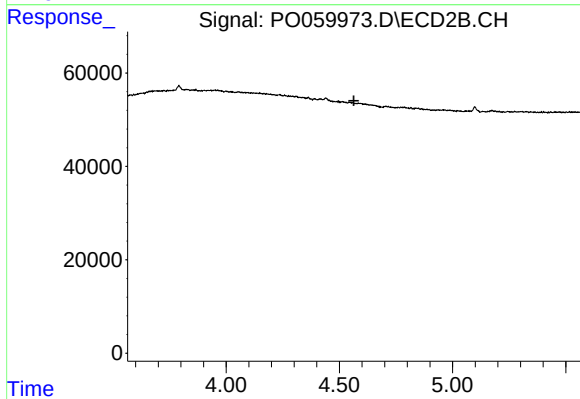
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.004 min  
Response: 0  
Conc: N.D.



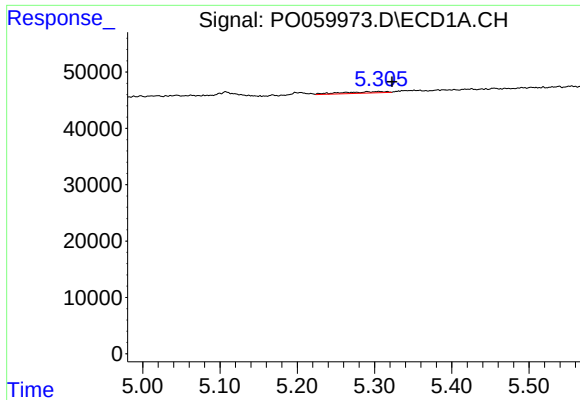
#16 AR-1242-1

R.T.: 5.305 min  
Delta R.T.: 0.004 min  
Response: 10090  
Conc: 7.95 ng/ml



#16 AR-1242-1

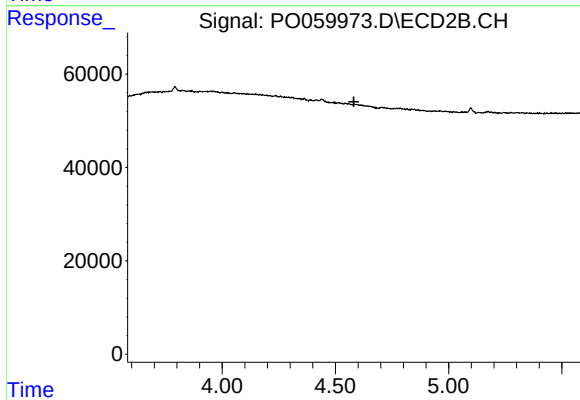
R.T.: 0.000 min  
Exp R.T. : 4.564 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

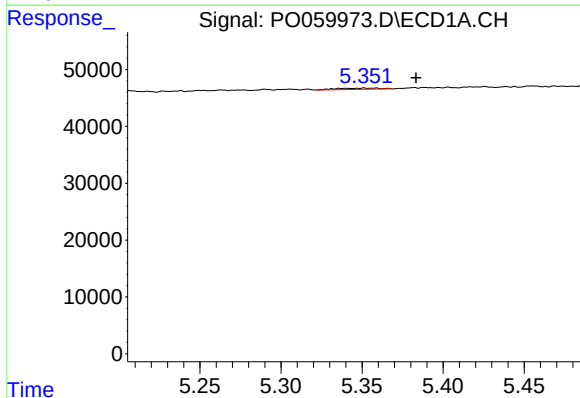
R.T.: 5.305 min  
Delta R.T.: -0.017 min  
Response: 10090  
Conc: 5.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



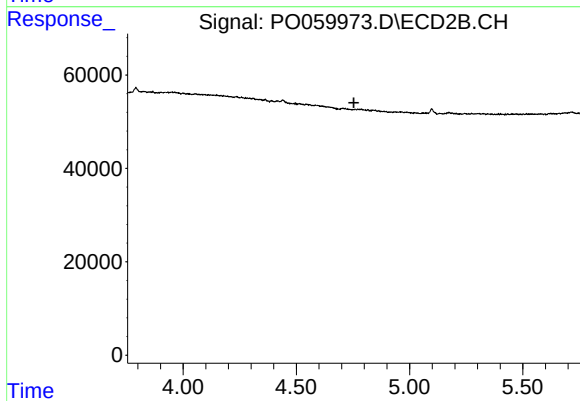
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.581 min  
Response: 0  
Conc: N.D.



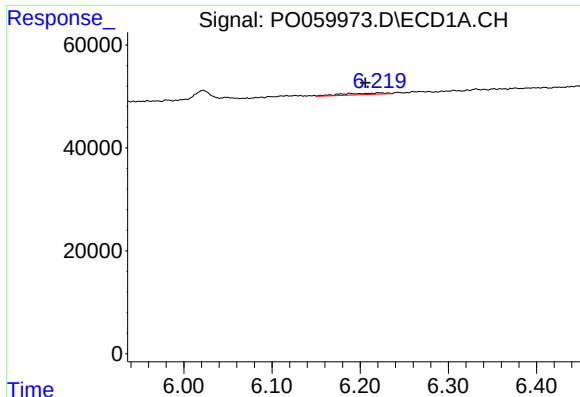
#18 AR-1242-3

R.T.: 5.352 min  
Delta R.T.: -0.031 min  
Response: 4232  
Conc: 3.62 ng/ml



#18 AR-1242-3

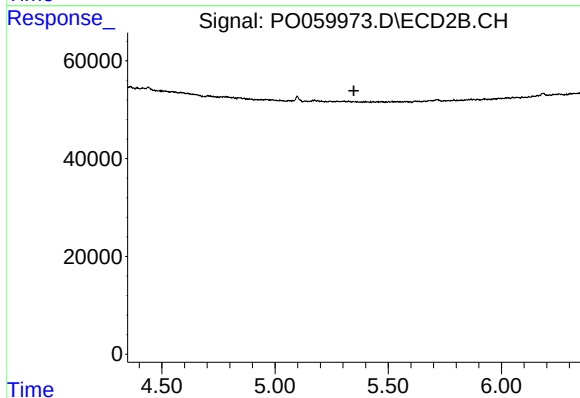
R.T.: 0.000 min  
Exp R.T. : 4.754 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

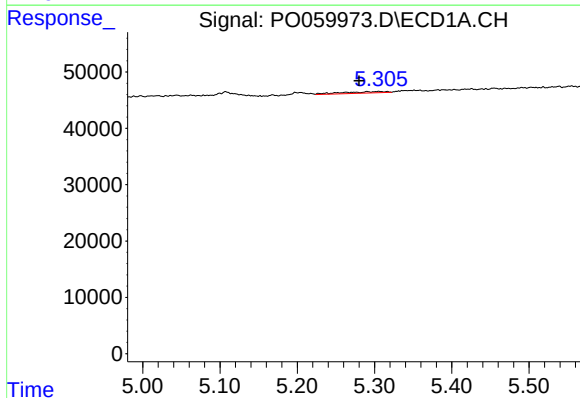
R.T.: 6.222 min  
Delta R.T.: 0.016 min  
Response: 10255  
Conc: 8.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



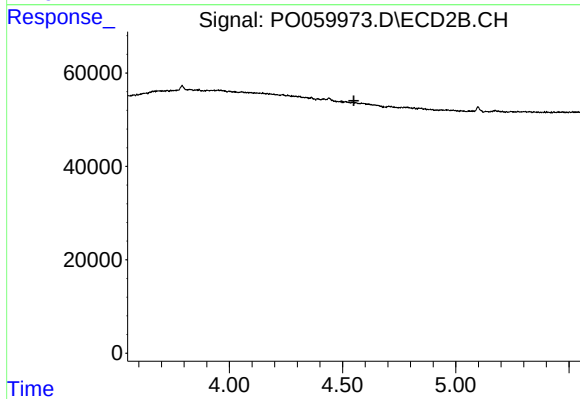
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.348 min  
Response: 0  
Conc: N.D.



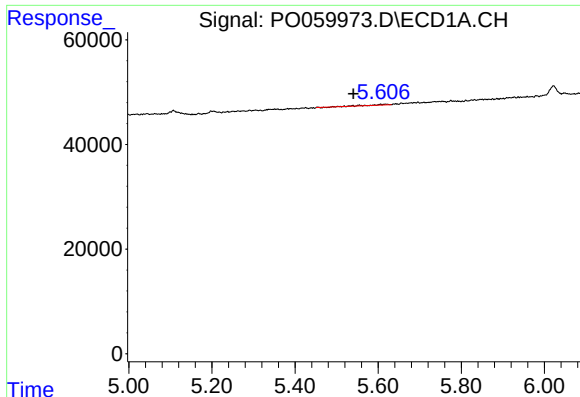
#21 AR-1248-1

R.T.: 5.305 min  
Delta R.T.: 0.025 min  
Response: 10090  
Conc: 10.06 ng/ml



#21 AR-1248-1

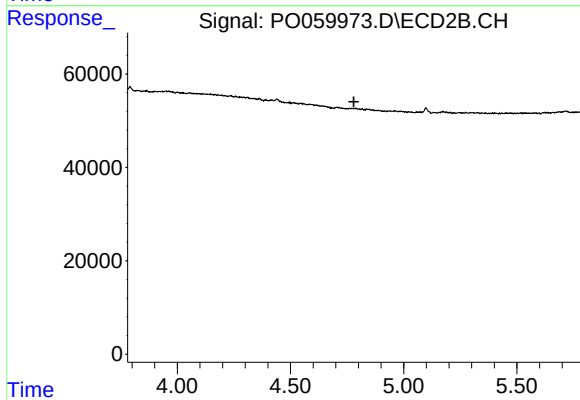
R.T.: 0.000 min  
Exp R.T. : 4.550 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

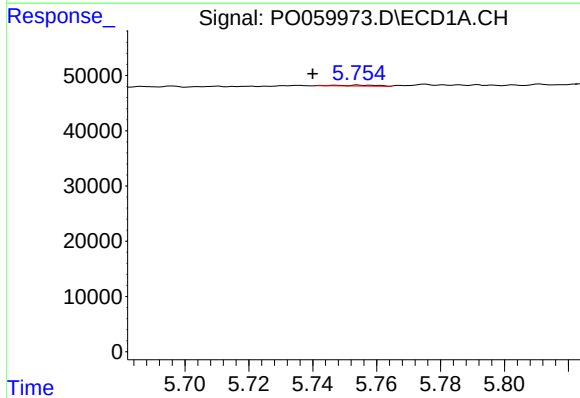
R.T.: 5.606 min  
Delta R.T.: 0.066 min  
Response: 2492  
Conc: 1.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



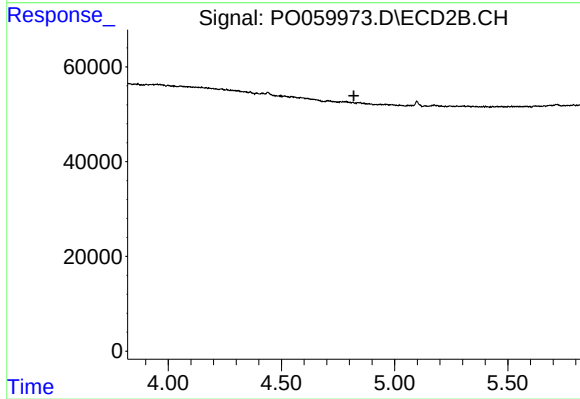
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 4.780 min  
Response: 0  
Conc: N.D.



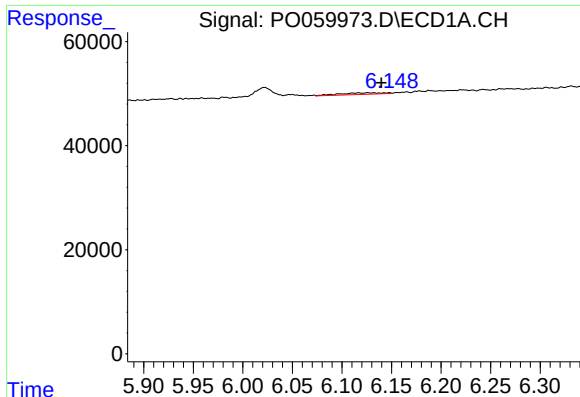
#23 AR-1248-3

R.T.: 5.755 min  
Delta R.T.: 0.015 min  
Response: 1425  
Conc: 0.86 ng/ml



#23 AR-1248-3

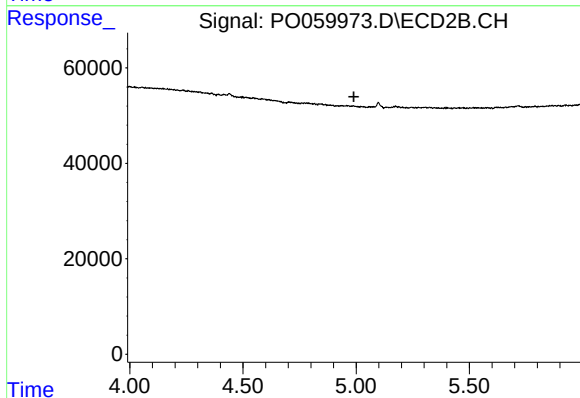
R.T.: 0.000 min  
Exp R.T. : 4.820 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

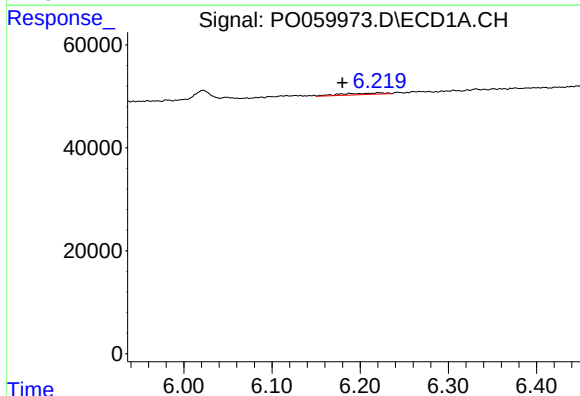
R.T.: 6.116 min  
Delta R.T.: -0.024 min  
Response: 8831  
Conc: 4.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



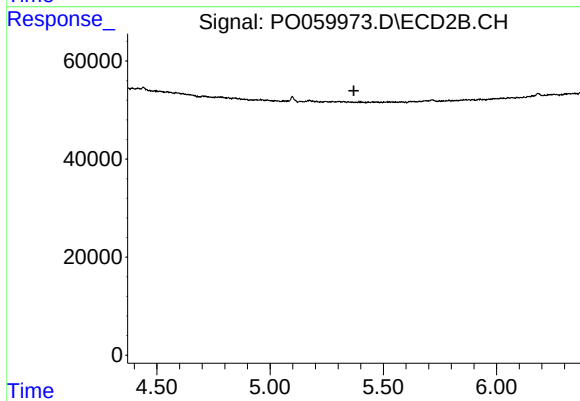
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 4.990 min  
Response: 0  
Conc: N.D.



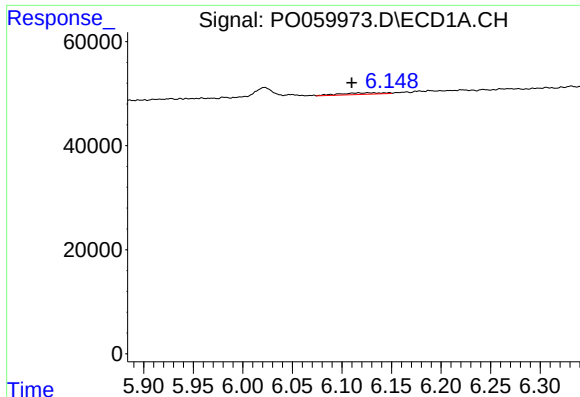
#25 AR-1248-5

R.T.: 6.222 min  
Delta R.T.: 0.042 min  
Response: 10255  
Conc: 5.17 ng/ml



#25 AR-1248-5

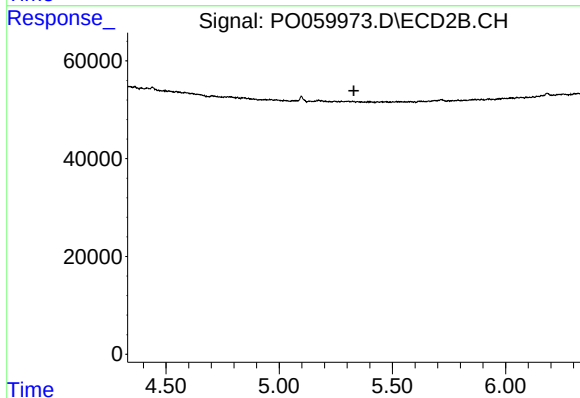
R.T.: 0.000 min  
Exp R.T. : 5.370 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

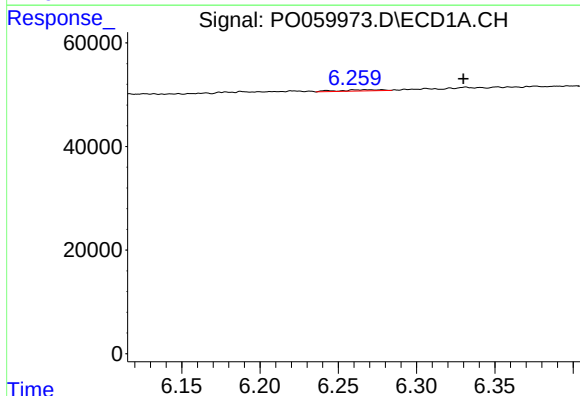
R.T.: 6.116 min  
Delta R.T.: 0.006 min  
Response: 8831  
Conc: 4.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



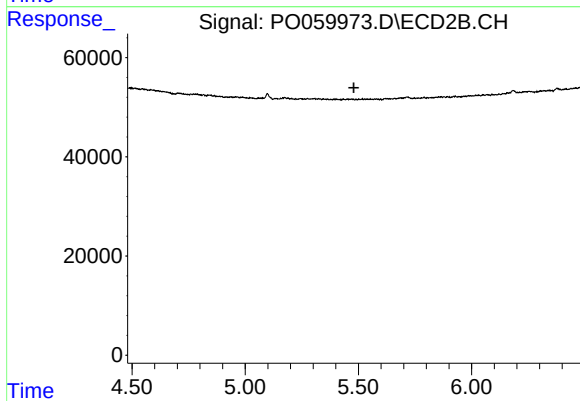
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 5.330 min  
Response: 0  
Conc: N.D.



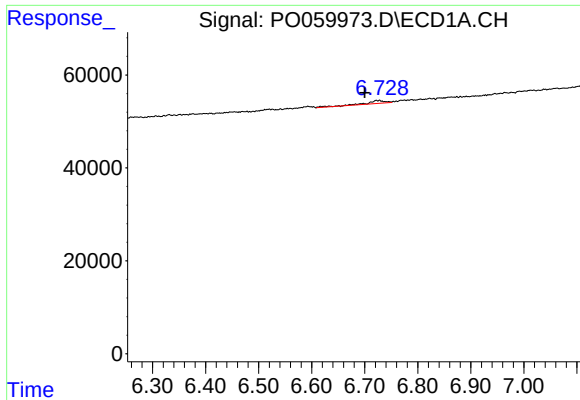
#27 AR-1254-2

R.T.: 6.268 min  
Delta R.T.: -0.062 min  
Response: 4195  
Conc: 1.26 ng/ml



#27 AR-1254-2

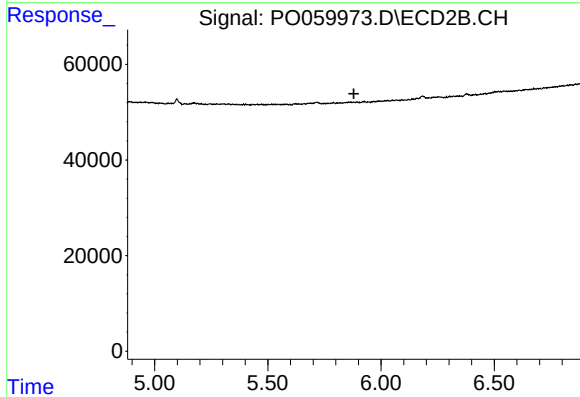
R.T.: 0.000 min  
Exp R.T. : 5.480 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

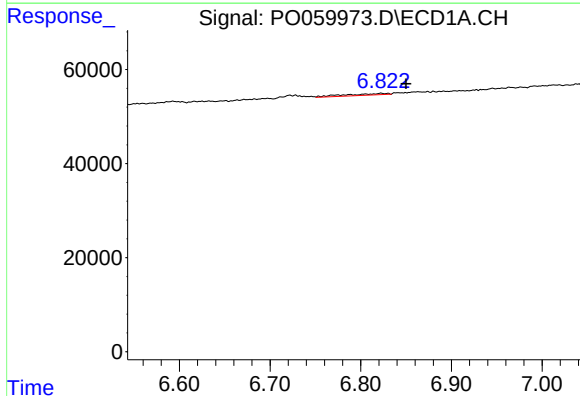
R.T.: 6.724 min  
Delta R.T.: 0.024 min  
Response: 15595  
Conc: 4.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



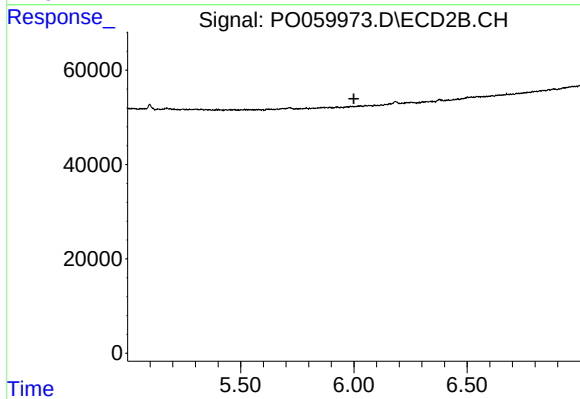
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.880 min  
Response: 0  
Conc: N.D.



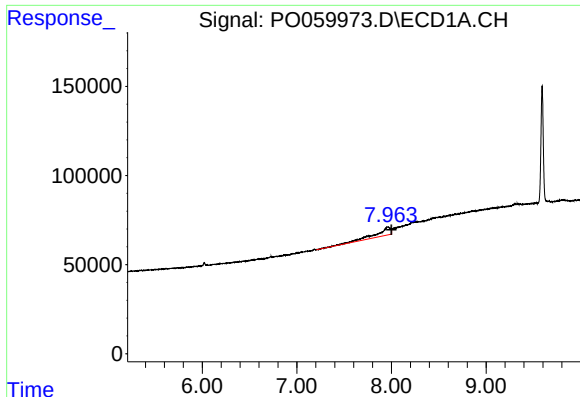
#31 AR-1260-1

R.T.: 6.823 min  
Delta R.T.: -0.027 min  
Response: 10820  
Conc: 4.01 ng/ml



#31 AR-1260-1

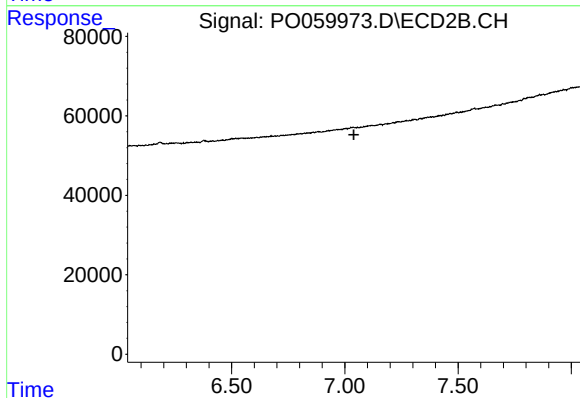
R.T.: 0.000 min  
Exp R.T. : 6.000 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

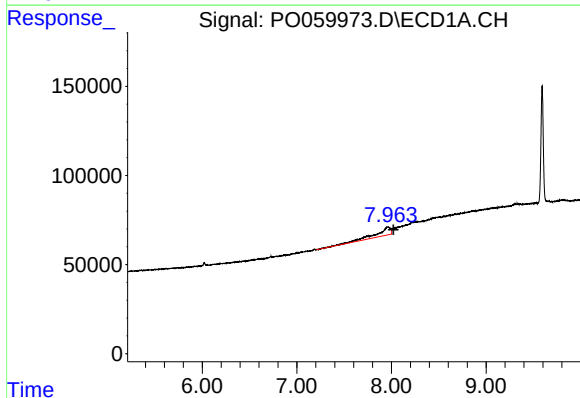
R.T.: 7.963 min  
Delta R.T.: -0.037 min  
Response: 509619  
Conc: 71.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



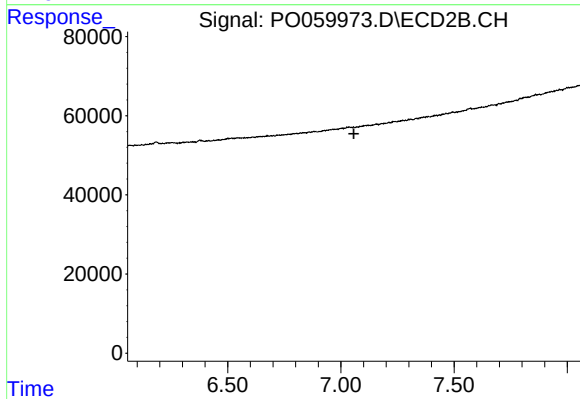
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.040 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

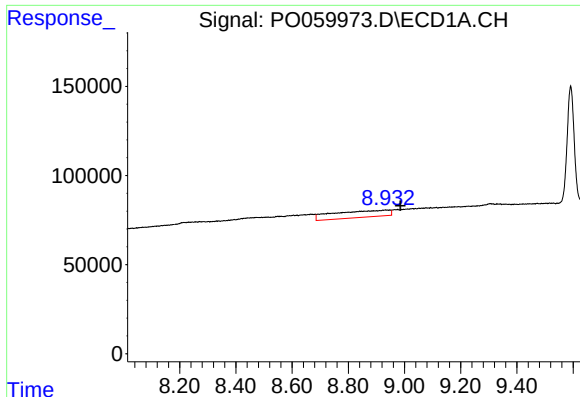
R.T.: 7.963 min  
Delta R.T.: -0.060 min  
Response: 509619  
Conc: 66.05 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.057 min  
Response: 0  
Conc: N.D.

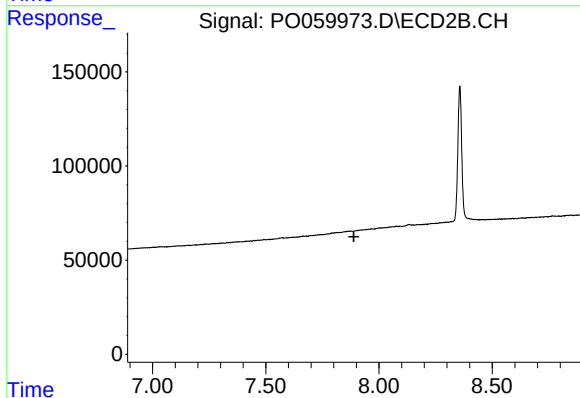




#40 AR-1262-5

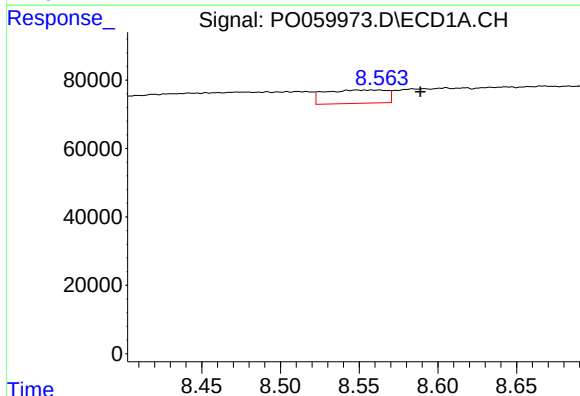
R.T.: 8.932 min  
Delta R.T.: -0.053 min  
Response: 533396  
Conc: 207.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



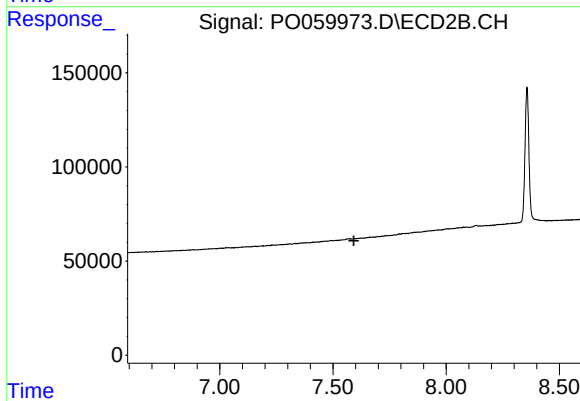
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.889 min  
Response: 0  
Conc: N.D.



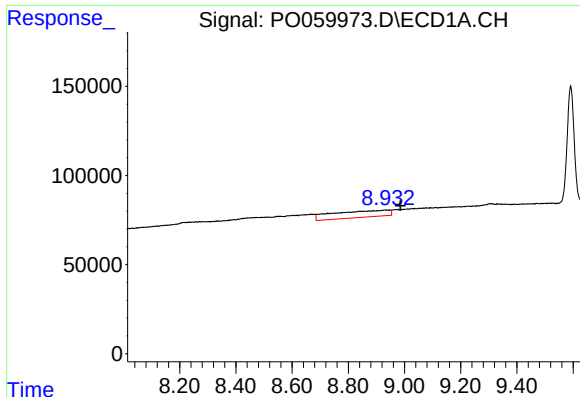
#43 AR-1268-3

R.T.: 8.554 min  
Delta R.T.: -0.035 min  
Response: 106678  
Conc: 15.13 ng/ml



#43 AR-1268-3

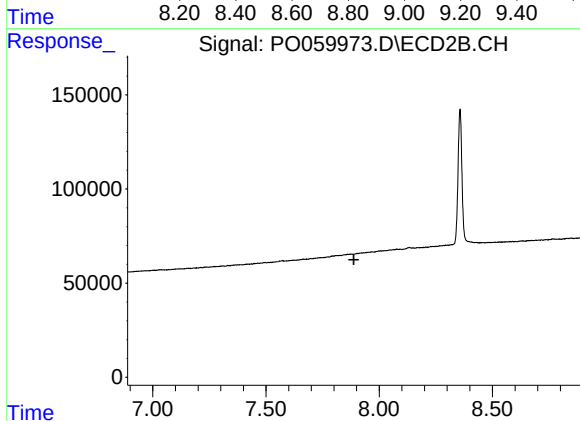
R.T.: 0.000 min  
Exp R.T. : 7.592 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

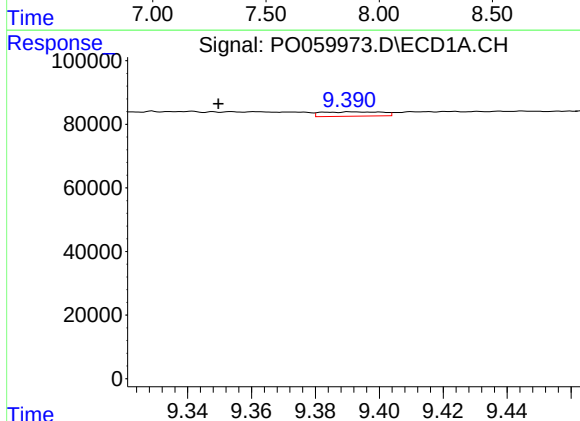
R.T.: 8.932 min  
Delta R.T.: -0.053 min  
Response: 533396  
Conc: 191.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB122609BL



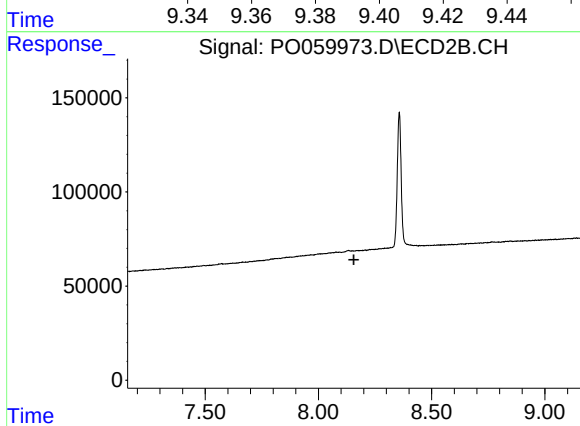
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.888 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.392 min  
Delta R.T.: 0.043 min  
Response: 18008  
Conc: 0.98 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.157 min  
Response: 0  
Conc: N.D.