

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0040519\  
 Data File : P0054970.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 05 Apr 2019 15:02  
 Operator : SM/SJ  
 Sample : K1560-01  
 Misc : AR1232 LOD 25PPB  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 06 03:55:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 25 17:22:26 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... | 4.297 | 3.610 | 784088 | 701606 | 22.593 | 21.985   |
| 2)                          | SA Decachlor... | 9.911 | 8.579 | 916715 | 642529 | 18.596 | 20.175   |
|                             |                 |       |       |        |        |        |          |
| Target Compounds            |                 |       |       |        |        |        |          |
| 3)                          | L1 AR-1016-1    | 5.459 | 4.706 | 22980  | 28794  | 12.771 | 18.208 # |
| 4)                          | L1 AR-1016-2    | 5.481 | 4.706 | 31533  | 28794  | 12.696 | 13.438   |
| 5)                          | L1 AR-1016-3    | 5.541 | 4.882 | 22826  | 14074  | 14.509 | 11.649   |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.921 | 0      | 10808  | N.D.   | 10.696 # |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.134 | 0      | 12511  | N.D.   | 9.599 #  |
| 9)                          | L2 AR-1221-2    | 4.668 | 3.908 | 29979  | 17962  | 88.403 | 59.916 # |
| 10)                         | L2 AR-1221-3    | 4.668 | 3.983 | 29979  | 26139  | 28.860 | 28.357   |
| 11)                         | L3 AR-1232-1    | 4.668 | 3.983 | 29979  | 26139  | 34.820 | 34.857   |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.706 | 0      | 28794  | N.D.   | 33.438 # |
| 13)                         | L3 AR-1232-3    | 5.481 | 4.882 | 31533  | 14074  | 32.265 | 29.045   |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.963 | 0      | 12223  | N.D.   | 27.816 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 5.134 | 0      | 12511  | N.D.   | 25.723 # |
| 16)                         | L4 AR-1242-1    | 5.459 | 4.706 | 22980  | 28794  | 16.541 | 23.453 # |
| 17)                         | L4 AR-1242-2    | 5.481 | 4.706 | 31533  | 28794  | 16.479 | 17.375   |
| 18)                         | L4 AR-1242-3    | 5.541 | 4.882 | 22826  | 14074  | 18.416 | 14.857   |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.963 | 0      | 12223  | N.D.   | 12.788 # |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.483 | 0      | 17617  | N.D.   | 14.324 # |
| 21)                         | L5 AR-1248-1    | 5.459 | 4.706 | 22980  | 28794  | 22.988 | 32.803 # |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.921 | 0      | 10808  | N.D.   | 8.943 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.963 | 0      | 12223  | N.D.   | 9.795 #  |
| 24)                         | L5 AR-1248-4    | 0.000 | 5.134 | 0      | 12511  | N.D.   | 8.215 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.524 | 0      | 15817  | N.D.   | 10.609 # |
| 26)                         | L6 AR-1254-1    | 0.000 | 5.483 | 0      | 17617  | N.D.   | 8.061 #  |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.697 | 0      | 11506  | N.D.   | 5.934 #  |
| -----                       |                 |       |       |        |        |        |          |

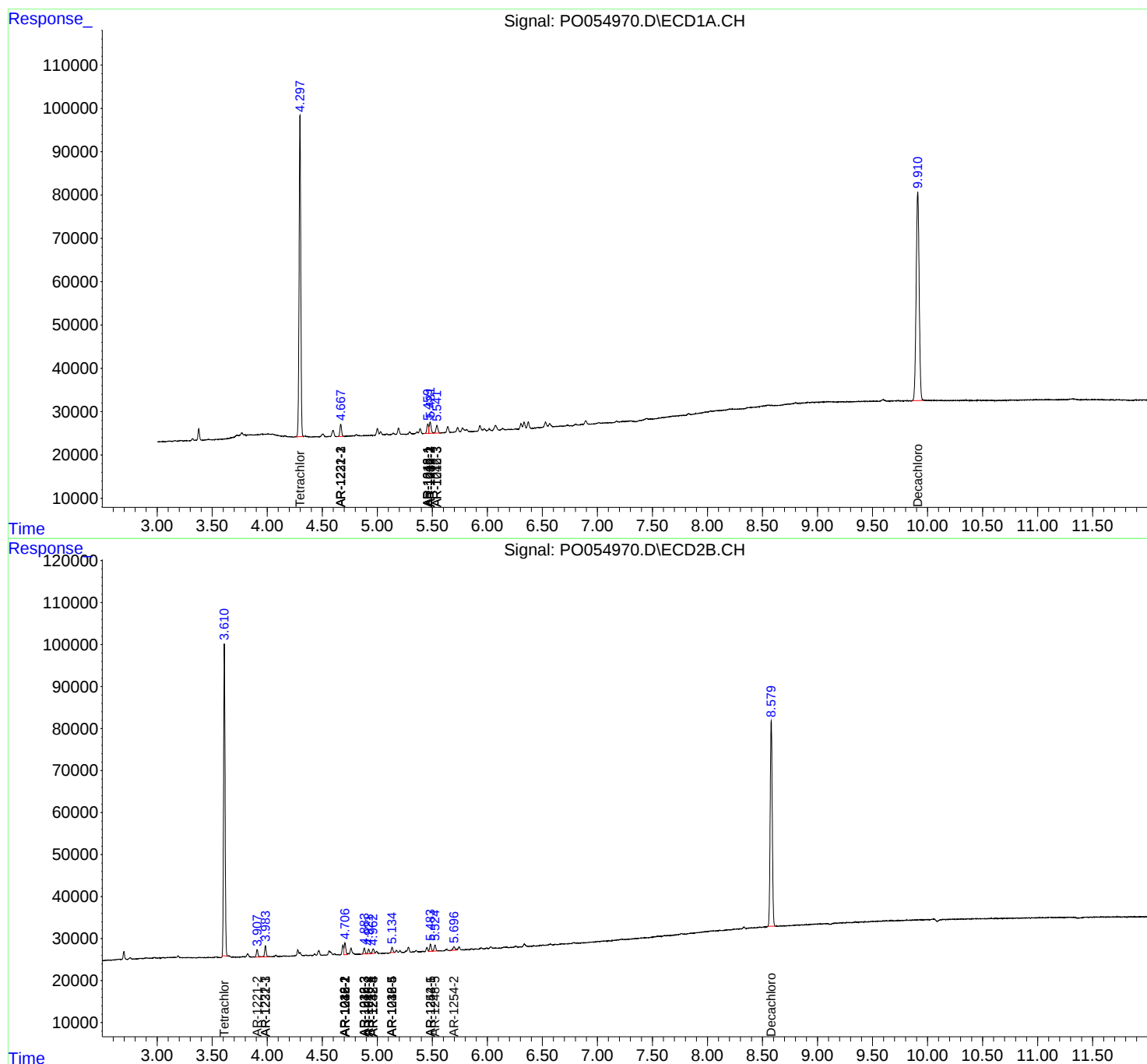
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

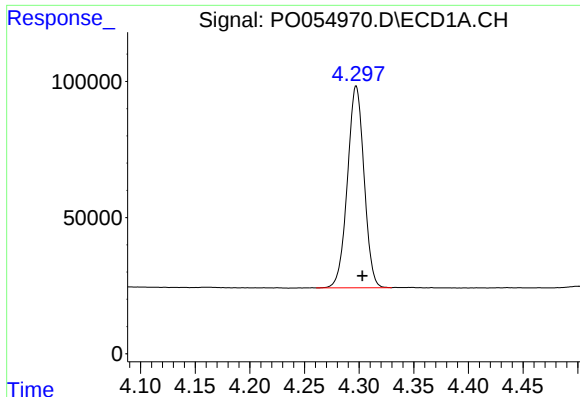
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0040519\  
Data File : P0054970.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 05 Apr 2019 15:02  
Operator : SM/SJ  
Sample : K1560-01  
Misc : AR1232 LOD 25PPB  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 06 03:55:20 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 25 17:22:26 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

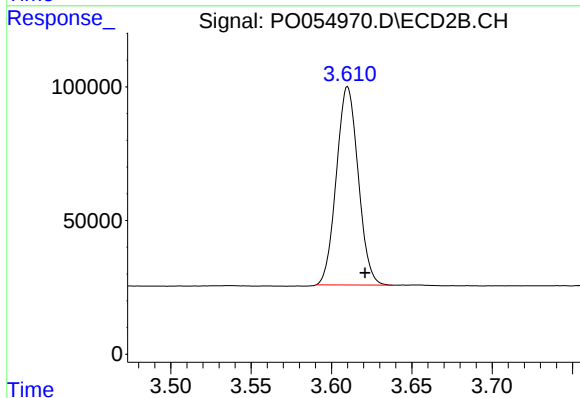




#1 Tetrachloro-m-xylene

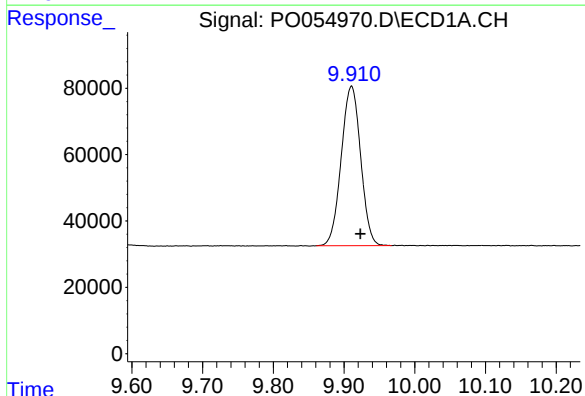
R.T.: 4.297 min  
Delta R.T.: -0.006 min  
Response: 784088  
Conc: 22.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



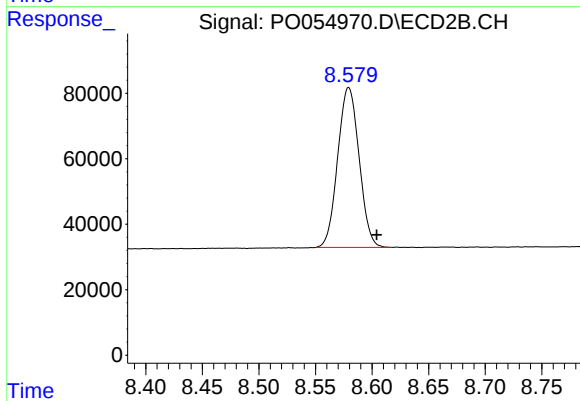
#1 Tetrachloro-m-xylene

R.T.: 3.610 min  
Delta R.T.: -0.011 min  
Response: 701606  
Conc: 21.99 ng/ml



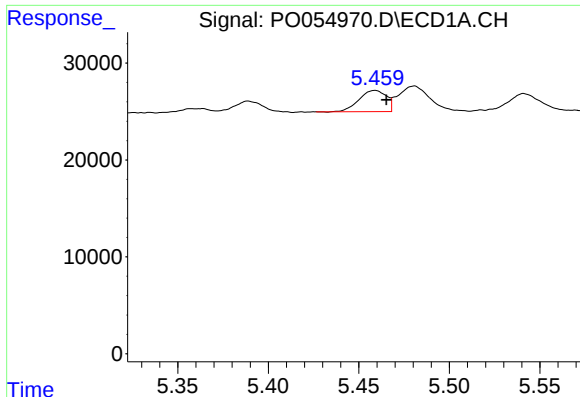
#2 Decachlorobiphenyl

R.T.: 9.911 min  
Delta R.T.: -0.012 min  
Response: 916715  
Conc: 18.60 ng/ml



#2 Decachlorobiphenyl

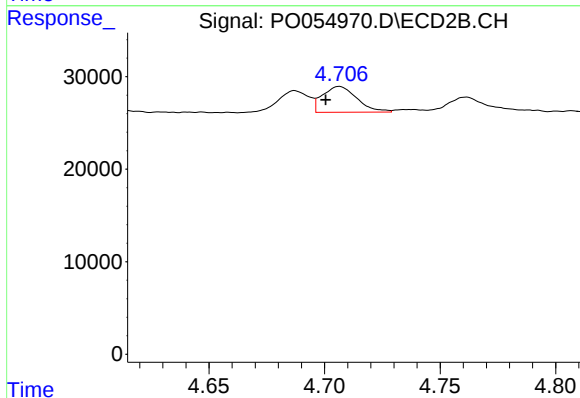
R.T.: 8.579 min  
Delta R.T.: -0.025 min  
Response: 642529  
Conc: 20.17 ng/ml



#3 AR-1016-1

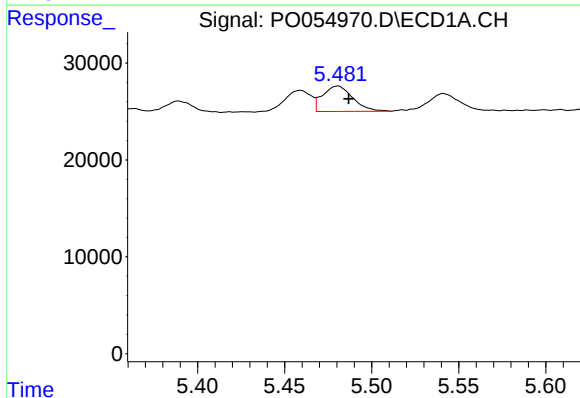
R.T.: 5.459 min  
Delta R.T.: -0.006 min  
Response: 22980  
Conc: 12.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



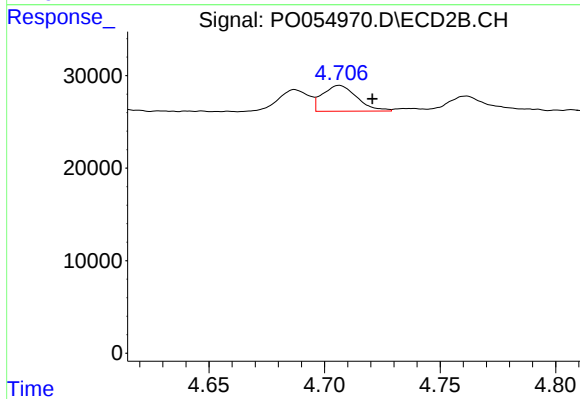
#3 AR-1016-1

R.T.: 4.706 min  
Delta R.T.: 0.006 min  
Response: 28794  
Conc: 18.21 ng/ml



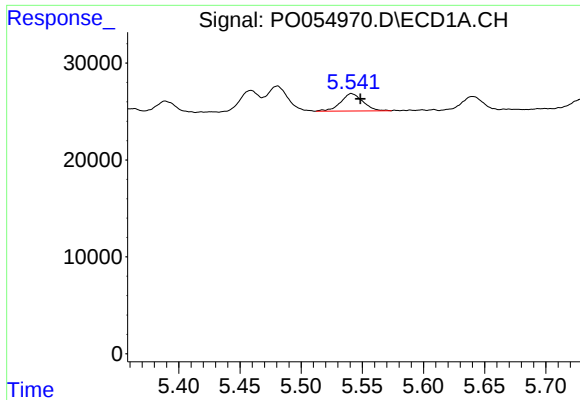
#4 AR-1016-2

R.T.: 5.481 min  
Delta R.T.: -0.006 min  
Response: 31533  
Conc: 12.70 ng/ml



#4 AR-1016-2

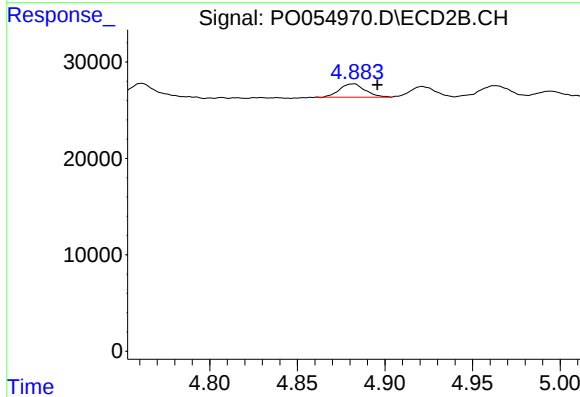
R.T.: 4.706 min  
Delta R.T.: -0.014 min  
Response: 28794  
Conc: 13.44 ng/ml



#5 AR-1016-3

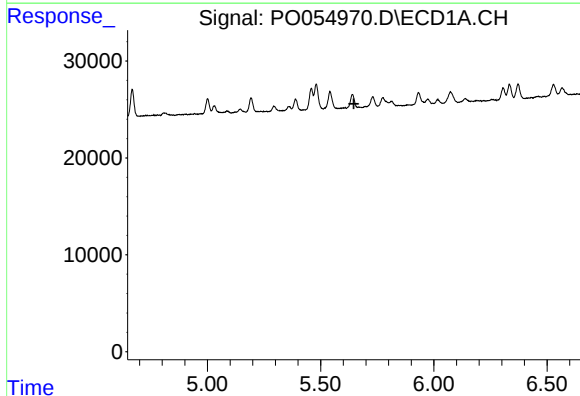
R.T.: 5.541 min  
Delta R.T.: -0.007 min  
Response: 22826  
Conc: 14.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



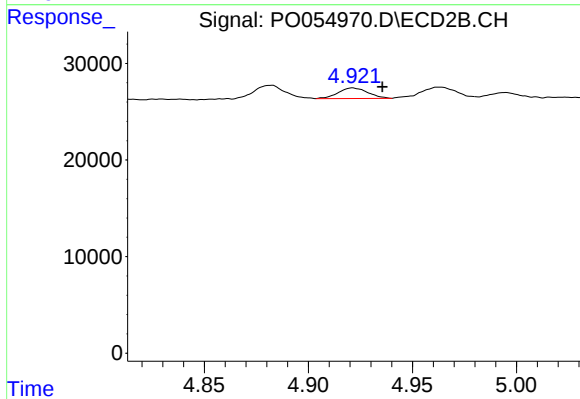
#5 AR-1016-3

R.T.: 4.882 min  
Delta R.T.: -0.013 min  
Response: 14074  
Conc: 11.65 ng/ml



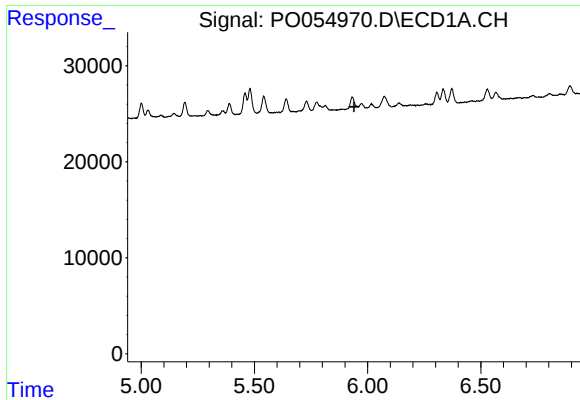
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.647 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

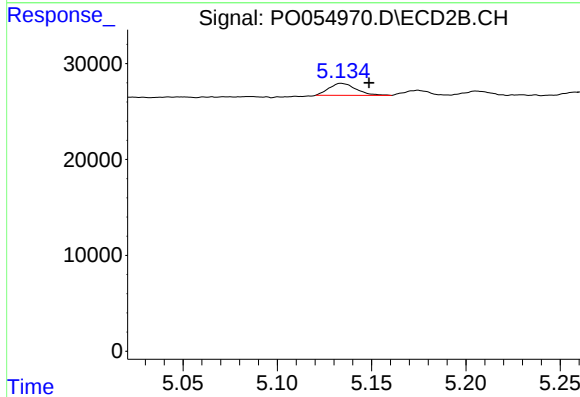
R.T.: 4.921 min  
Delta R.T.: -0.014 min  
Response: 10808  
Conc: 10.70 ng/ml



#7 AR-1016-5

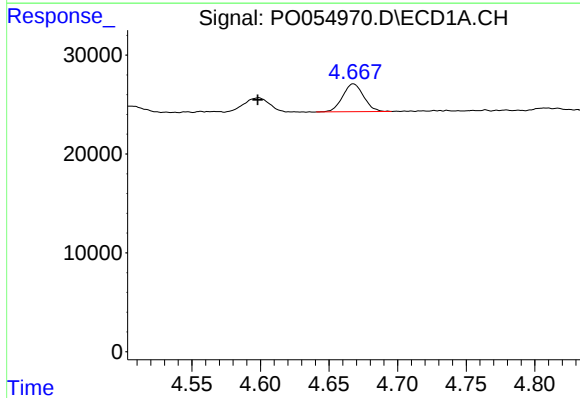
R.T.: 0.000 min  
Exp R.T.: 5.940 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



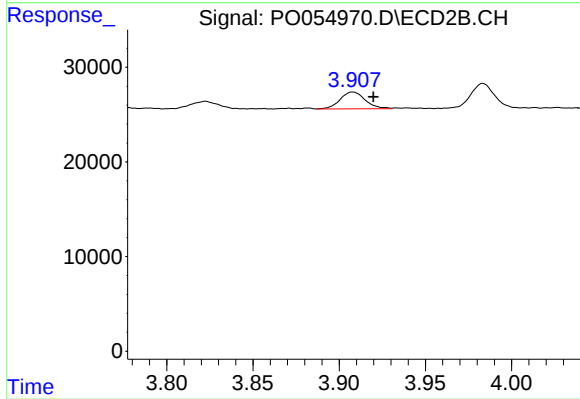
#7 AR-1016-5

R.T.: 5.134 min  
Delta R.T.: -0.015 min  
Response: 12511  
Conc: 9.60 ng/ml



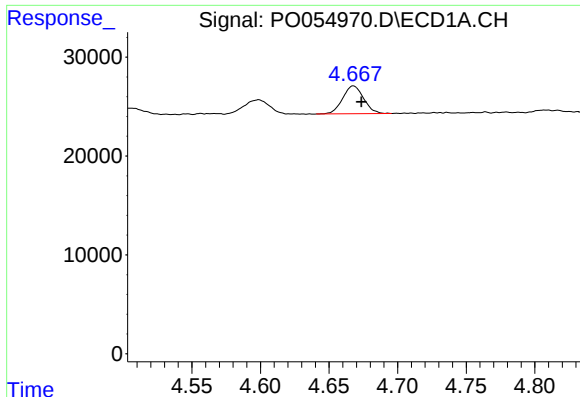
#9 AR-1221-2

R.T.: 4.668 min  
Delta R.T.: 0.070 min  
Response: 29979  
Conc: 88.40 ng/ml



#9 AR-1221-2

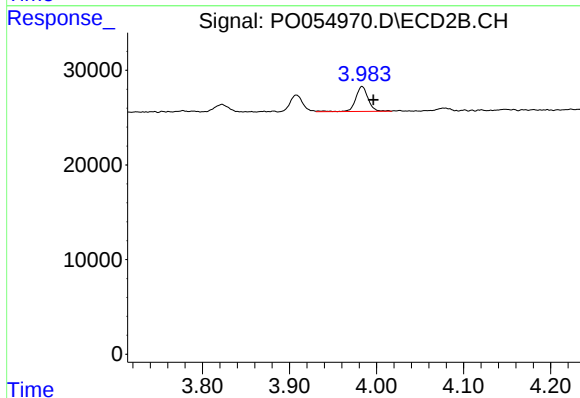
R.T.: 3.908 min  
Delta R.T.: -0.012 min  
Response: 17962  
Conc: 59.92 ng/ml



#10 AR-1221-3

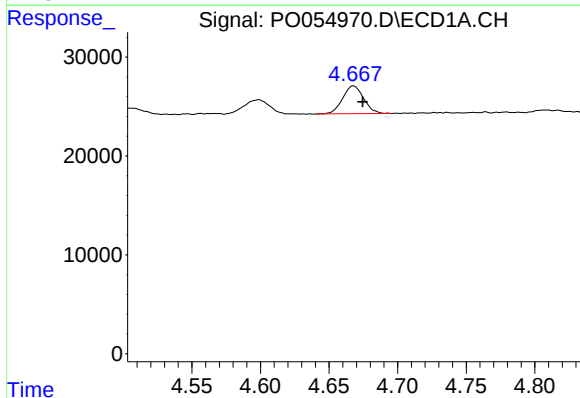
R.T.: 4.668 min  
Delta R.T.: -0.006 min  
Response: 29979  
Conc: 28.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



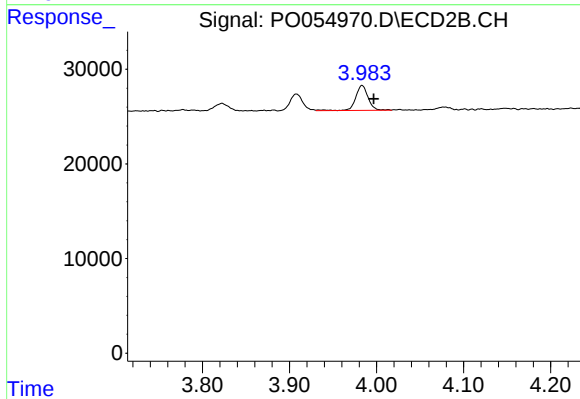
#10 AR-1221-3

R.T.: 3.983 min  
Delta R.T.: -0.013 min  
Response: 26139  
Conc: 28.36 ng/ml



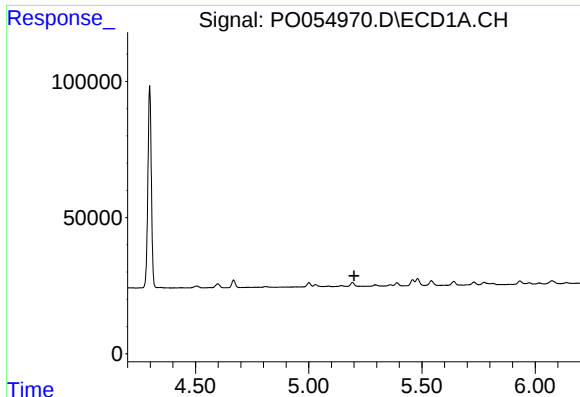
#11 AR-1232-1

R.T.: 4.668 min  
Delta R.T.: -0.007 min  
Response: 29979  
Conc: 34.82 ng/ml



#11 AR-1232-1

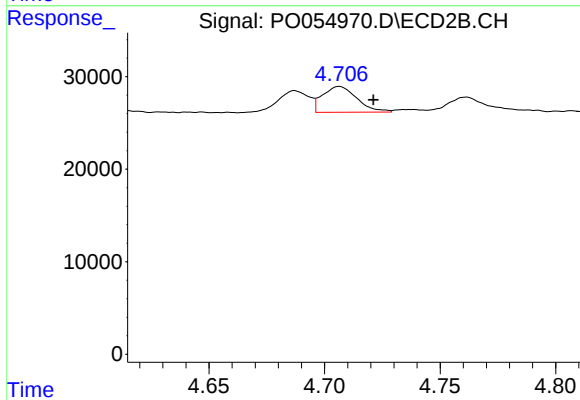
R.T.: 3.983 min  
Delta R.T.: -0.013 min  
Response: 26139  
Conc: 34.86 ng/ml



#12 AR-1232-2

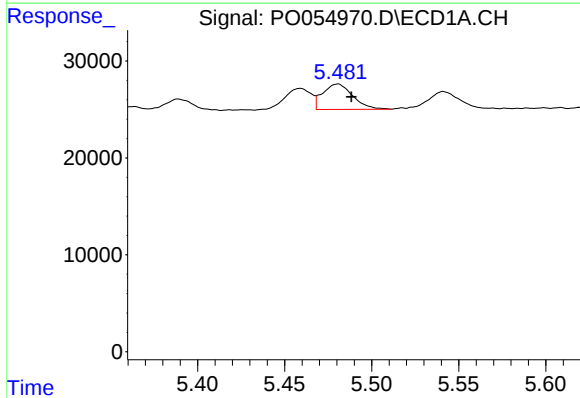
R.T.: 0.000 min  
Exp R.T.: 5.200 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



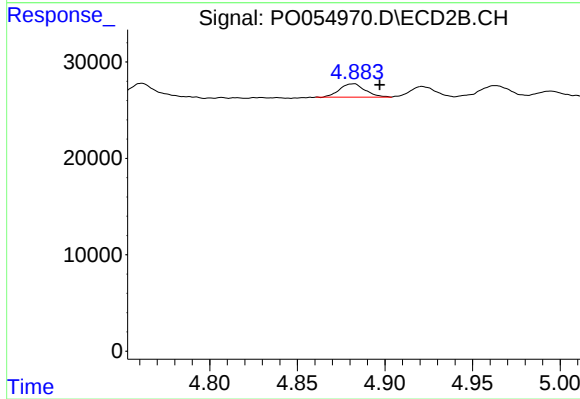
#12 AR-1232-2

R.T.: 4.706 min  
Delta R.T.: -0.015 min  
Response: 28794  
Conc: 33.44 ng/ml



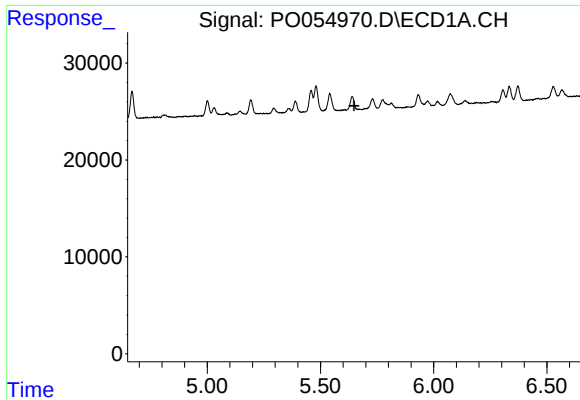
#13 AR-1232-3

R.T.: 5.481 min  
Delta R.T.: -0.007 min  
Response: 31533  
Conc: 32.27 ng/ml



#13 AR-1232-3

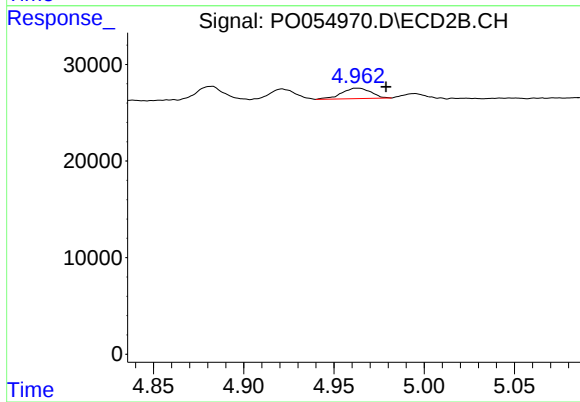
R.T.: 4.882 min  
Delta R.T.: -0.015 min  
Response: 14074  
Conc: 29.04 ng/ml



#14 AR-1232-4

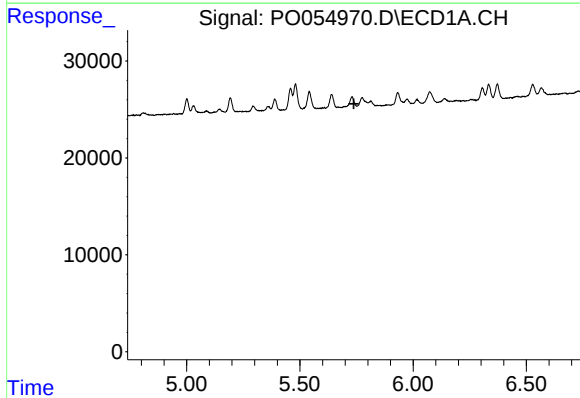
R.T.: 0.000 min  
Exp R.T. : 5.648 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



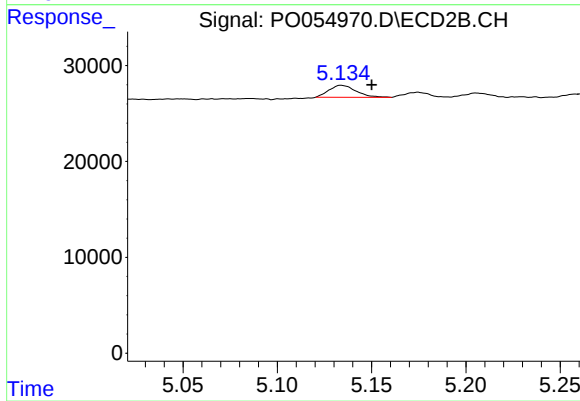
#14 AR-1232-4

R.T.: 4.963 min  
Delta R.T.: -0.016 min  
Response: 12223  
Conc: 27.82 ng/ml



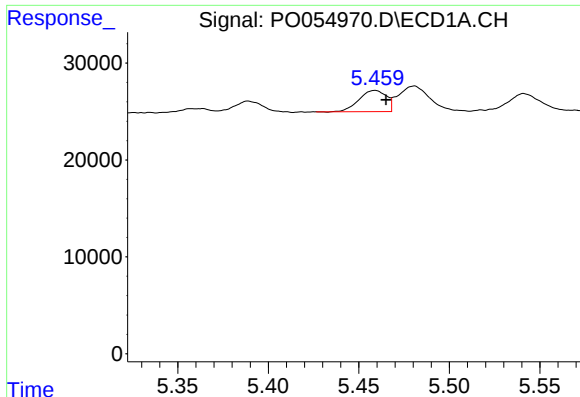
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.738 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

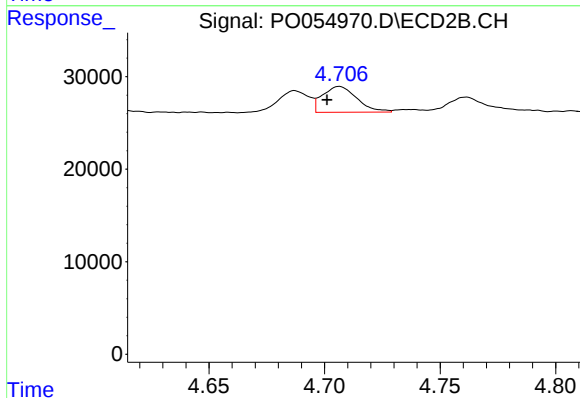
R.T.: 5.134 min  
Delta R.T.: -0.016 min  
Response: 12511  
Conc: 25.72 ng/ml



#16 AR-1242-1

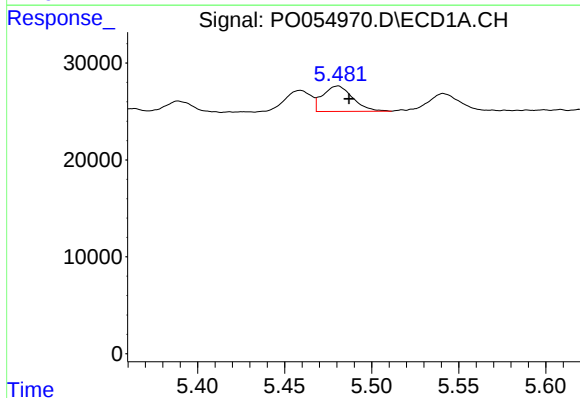
R.T.: 5.459 min  
Delta R.T.: -0.006 min  
Response: 22980  
Conc: 16.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



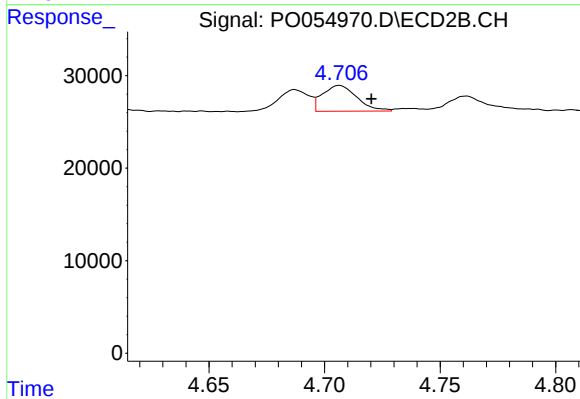
#16 AR-1242-1

R.T.: 4.706 min  
Delta R.T.: 0.005 min  
Response: 28794  
Conc: 23.45 ng/ml



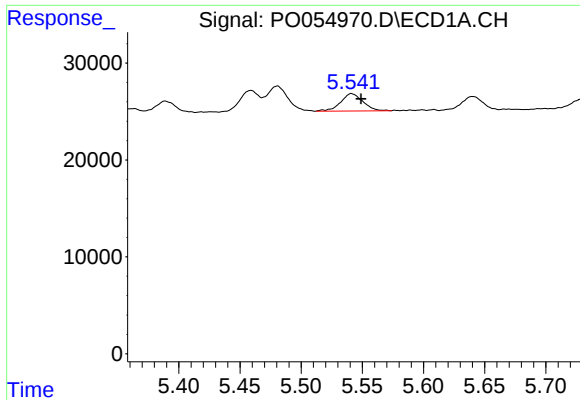
#17 AR-1242-2

R.T.: 5.481 min  
Delta R.T.: -0.006 min  
Response: 31533  
Conc: 16.48 ng/ml



#17 AR-1242-2

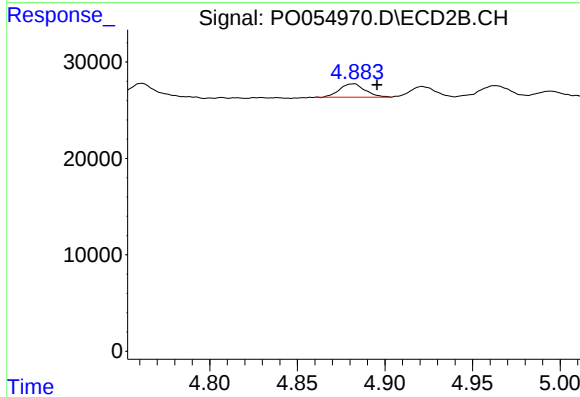
R.T.: 4.706 min  
Delta R.T.: -0.014 min  
Response: 28794  
Conc: 17.37 ng/ml



#18 AR-1242-3

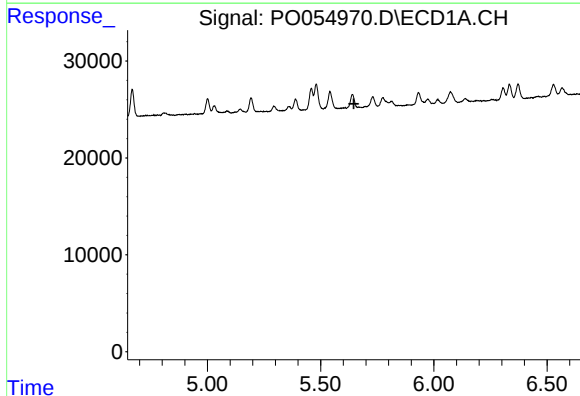
R.T.: 5.541 min  
Delta R.T.: -0.008 min  
Response: 22826  
Conc: 18.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



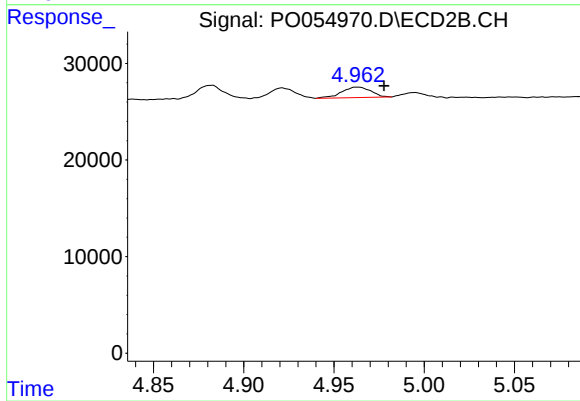
#18 AR-1242-3

R.T.: 4.882 min  
Delta R.T.: -0.013 min  
Response: 14074  
Conc: 14.86 ng/ml



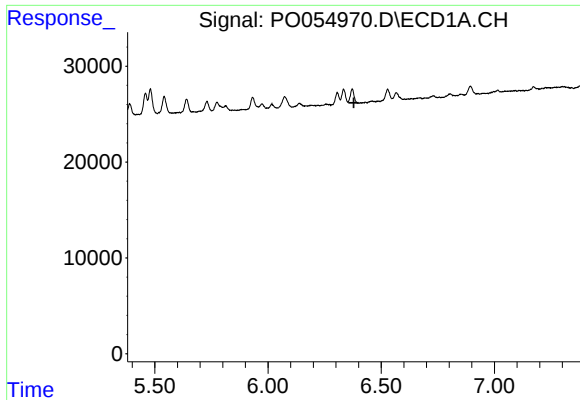
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.647 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

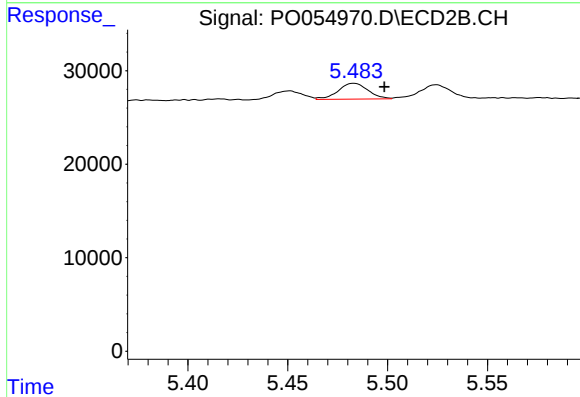
R.T.: 4.963 min  
Delta R.T.: -0.015 min  
Response: 12223  
Conc: 12.79 ng/ml



#20 AR-1242-5

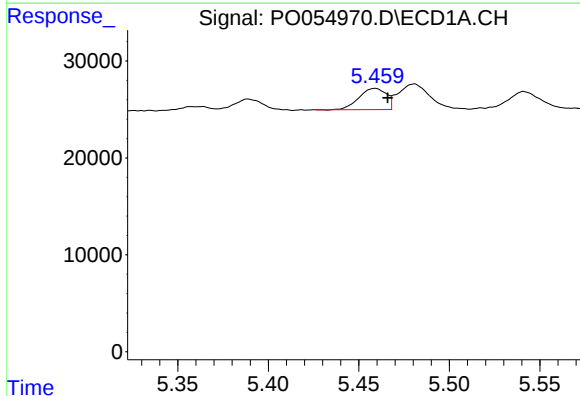
R.T.: 0.000 min  
Exp R.T.: 6.379 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



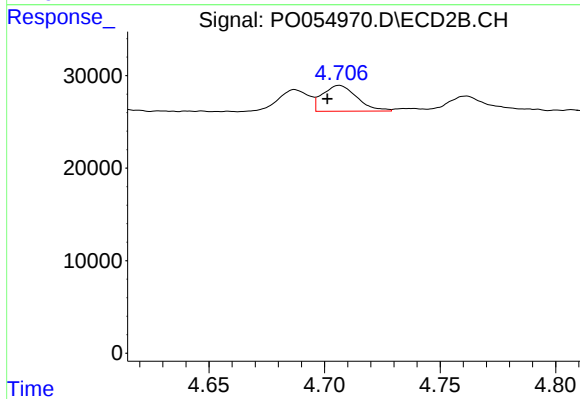
#20 AR-1242-5

R.T.: 5.483 min  
Delta R.T.: -0.015 min  
Response: 17617  
Conc: 14.32 ng/ml



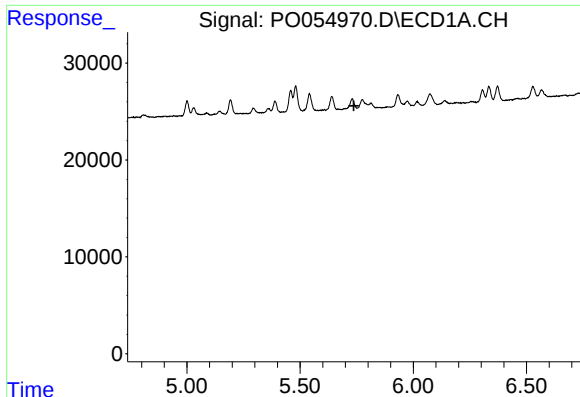
#21 AR-1248-1

R.T.: 5.459 min  
Delta R.T.: -0.007 min  
Response: 22980  
Conc: 22.99 ng/ml



#21 AR-1248-1

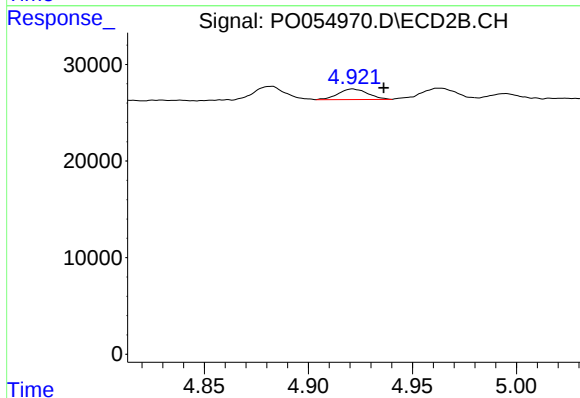
R.T.: 4.706 min  
Delta R.T.: 0.005 min  
Response: 28794  
Conc: 32.80 ng/ml



#22 AR-1248-2

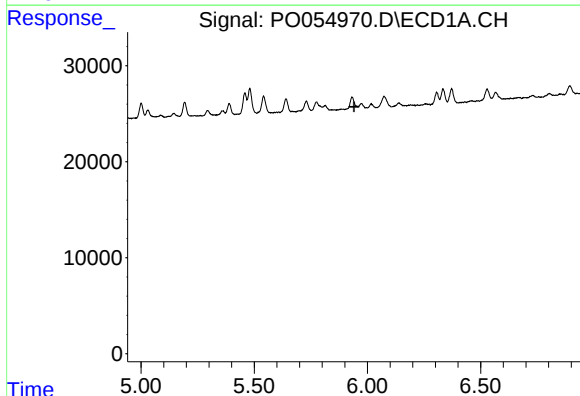
R.T.: 0.000 min  
Exp R.T.: 5.738 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



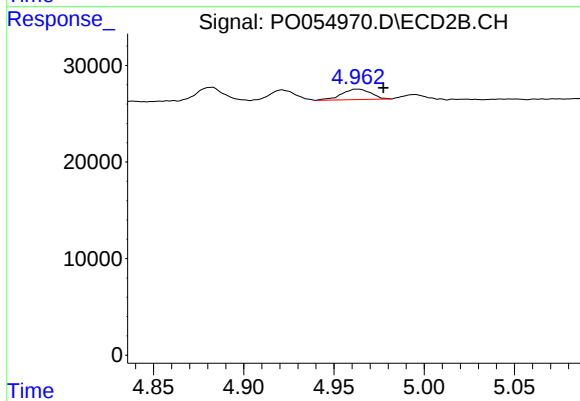
#22 AR-1248-2

R.T.: 4.921 min  
Delta R.T.: -0.015 min  
Response: 10808  
Conc: 8.94 ng/ml



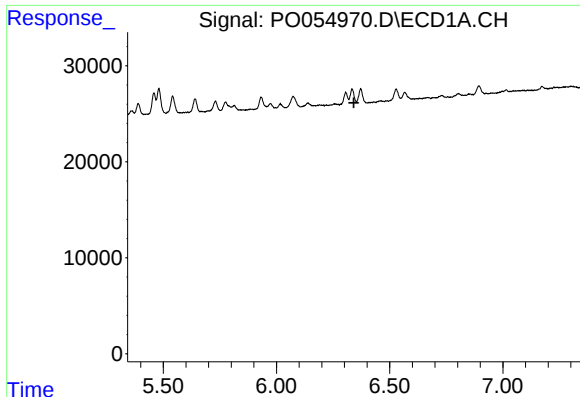
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.941 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

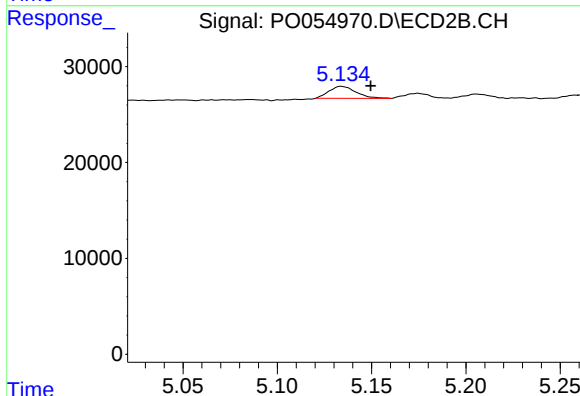
R.T.: 4.963 min  
Delta R.T.: -0.015 min  
Response: 12223  
Conc: 9.80 ng/ml



#24 AR-1248-4

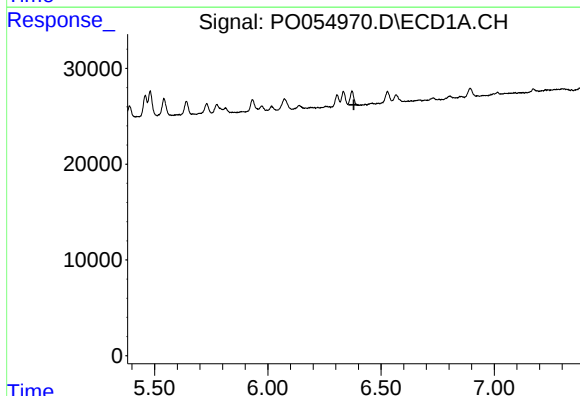
R.T.: 0.000 min  
Exp R.T.: 6.342 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



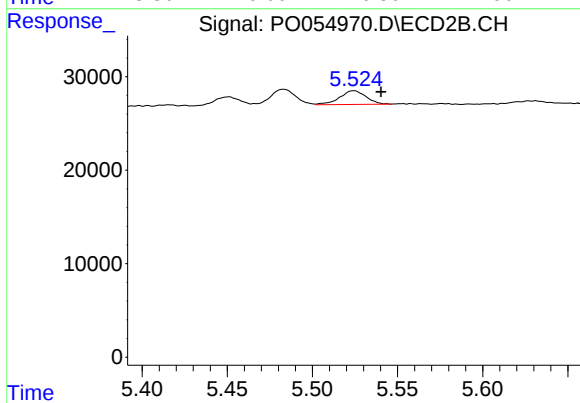
#24 AR-1248-4

R.T.: 5.134 min  
Delta R.T.: -0.016 min  
Response: 12511  
Conc: 8.21 ng/ml



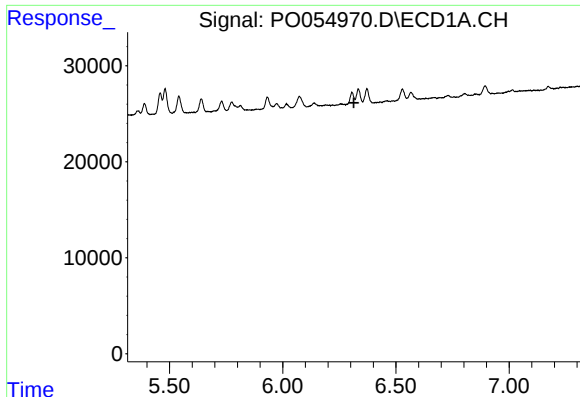
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.380 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

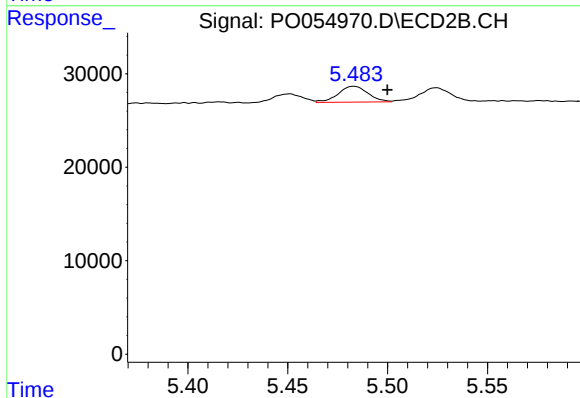
R.T.: 5.524 min  
Delta R.T.: -0.016 min  
Response: 15817  
Conc: 10.61 ng/ml



#26 AR-1254-1

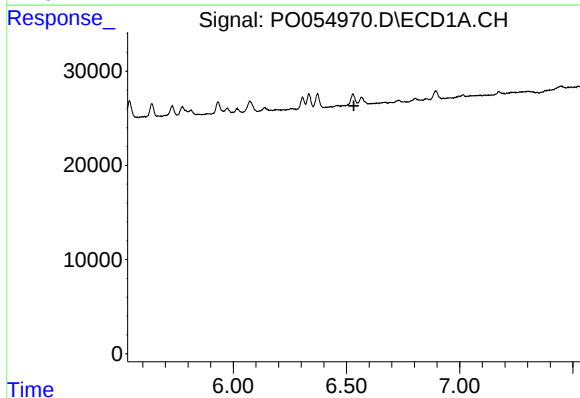
R.T.: 0.000 min  
Exp R.T. : 6.315 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



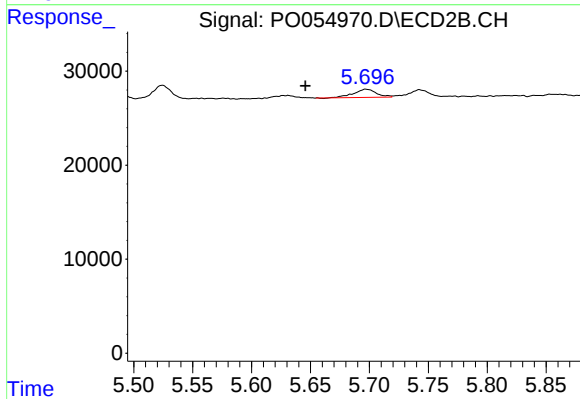
#26 AR-1254-1

R.T.: 5.483 min  
Delta R.T.: -0.017 min  
Response: 17617  
Conc: 8.06 ng/ml



#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.533 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

R.T.: 5.697 min  
Delta R.T.: 0.051 min  
Response: 11506  
Conc: 5.93 ng/ml