

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091719\  
 Data File : P0061021.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 17 Sep 2019 21:10  
 Operator : SM/AJ  
 Sample : K4861-11  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 TP-1-S(1.5-4)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 18 01:17:41 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0091319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Sep 14 00:06:36 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... | 4.369  | 3.530 | 640338 | 515148 | 17.405 | 18.449   |
| 2)                          | SA Decachlor... | 10.029 | 8.409 | 750064 | 574146 | 16.325 | 16.380   |
| Target Compounds            |                 |        |       |        |        |        |          |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.685 | 0      | 6495   | N.D.   | 18.347 # |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.819 | 0      | 7604   | N.D.   | 27.058 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.937 | 0      | 4084   | N.D.   | 4.920 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.937 | 0      | 4084   | N.D.   | 4.481 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.362 | 0      | 8459   | N.D.   | 8.546 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.362 | 0      | 8459   | N.D.   | 6.692 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.362 | 0      | 8459   | N.D.   | 4.105 #  |
| 27)                         | L6 AR-1254-2    | 6.598  | 5.508 | 37709  | 6487   | 11.983 | 3.438 #  |
| 28)                         | L6 AR-1254-3    | 6.967  | 5.903 | 27720  | 25672  | 7.871  | 8.074    |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.126 | 0      | 9971   | N.D.   | 4.789 #  |
| 30)                         | L6 AR-1254-5    | 7.665  | 6.537 | 31094  | 42905  | 10.544 | 13.556 # |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.031 | 0      | 23034  | N.D.   | 10.951 # |
| 32)                         | L7 AR-1260-2    | 7.379  | 6.217 | 25244  | 21667  | 8.350  | 8.400    |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.366 | 0      | 21702  | N.D.   | 9.012 #  |
| 34)                         | L7 AR-1260-4    | 7.961  | 6.830 | 30037  | 15839  | 10.736 | 7.401 #  |
| 35)                         | L7 AR-1260-5    | 8.280  | 7.069 | 32087  | 35183  | 5.893  | 7.280    |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.576 | 0      | 17093  | N.D.   | 5.723 #  |
| 37)                         | L8 AR-1262-2    | 8.280  | 7.069 | 32087  | 35183  | 5.147  | 6.767 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.350 | 0      | 13172  | N.D.   | 6.206 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.410 | 0      | 35576  | N.D.   | 9.314 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.900 | 0      | 8870   | N.D.   | 5.300 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.350 | 0      | 13172  | N.D.   | 2.247 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.410 | 0      | 35576  | N.D.   | 6.675 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.607 | 0      | 10728  | N.D.   | 2.420 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.900 | 0      | 8870   | N.D.   | 4.642 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.173 | 0      | 9285   | N.D.   | 0.772 #  |
| -----                       |                 |        |       |        |        |        |          |

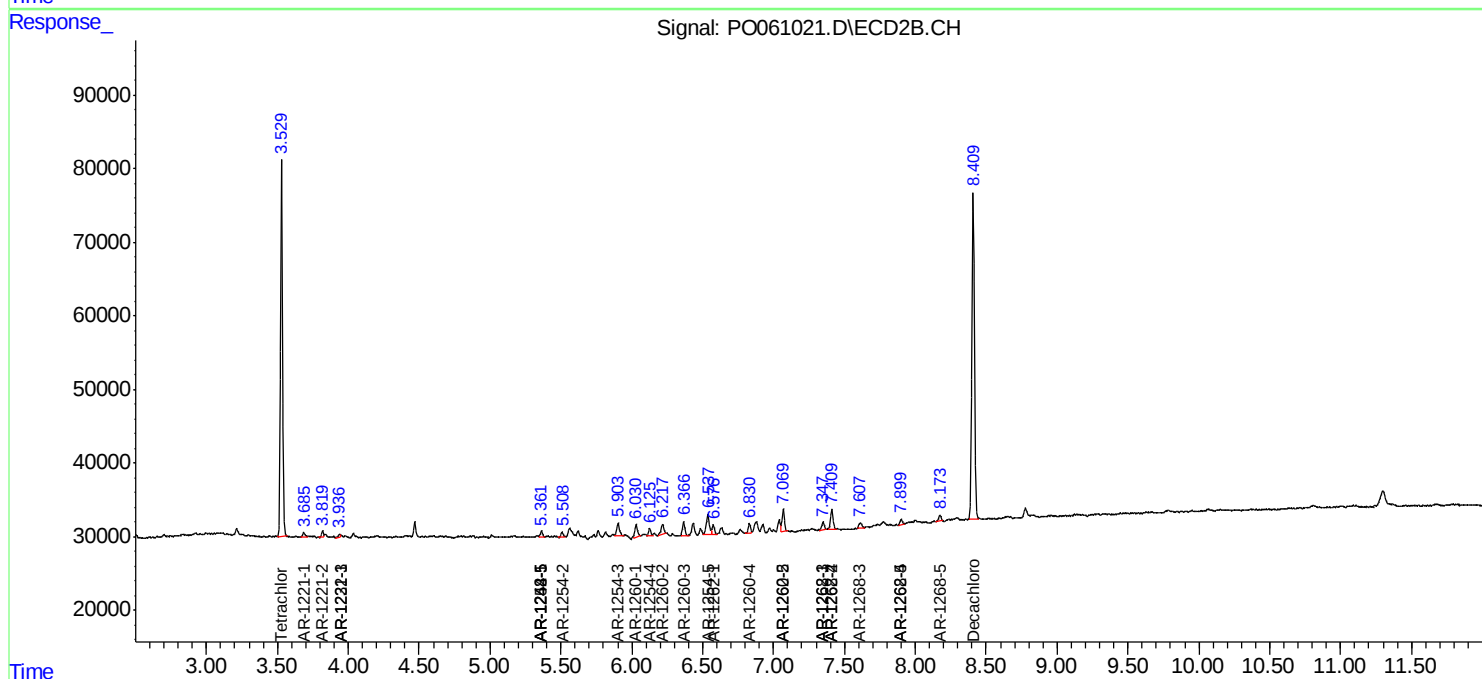
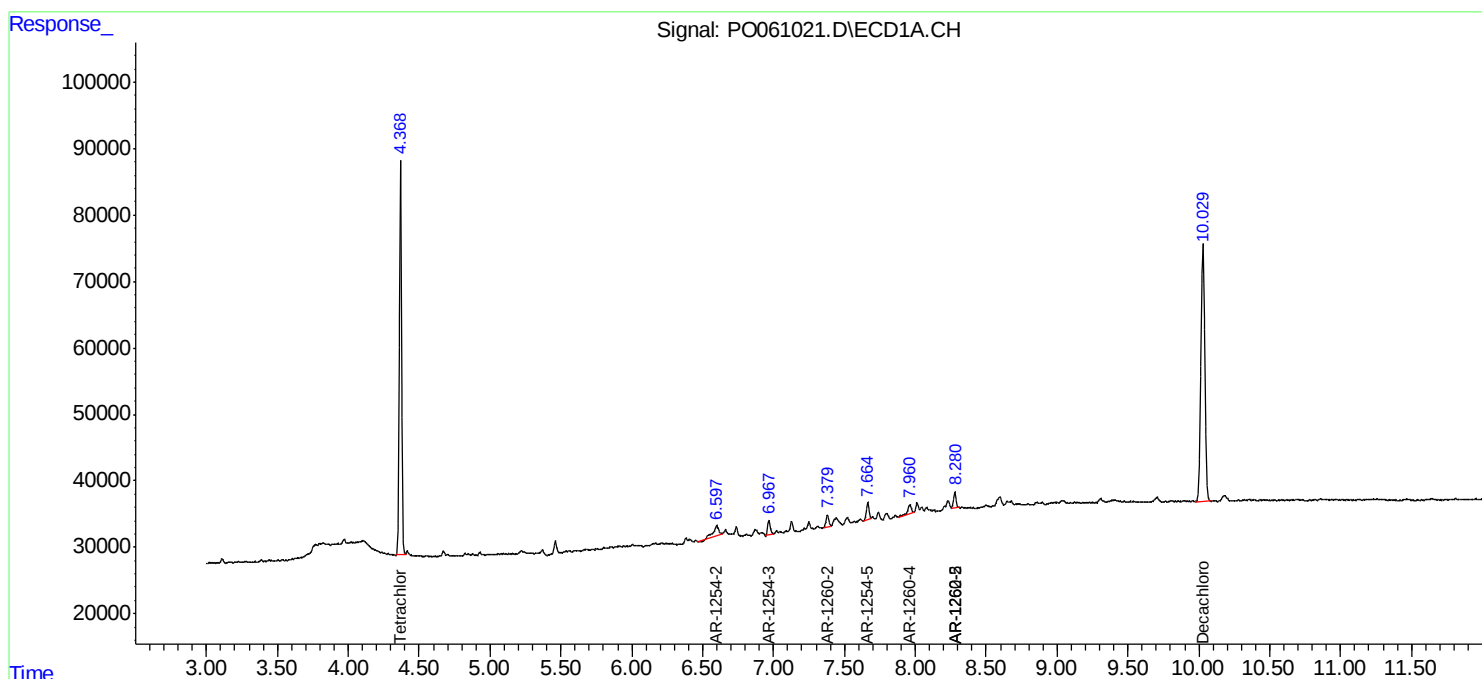
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

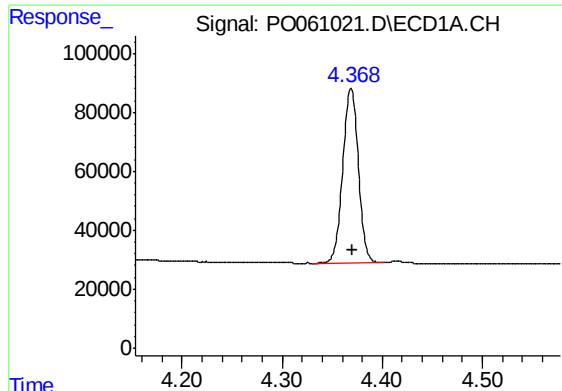
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO091719\  
Data File : PO061021.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 17 Sep 2019 21:10  
Operator : SM/AJ  
Sample : K4861-11  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 18 01:17:41 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO091319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Sep 14 00:06:36 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

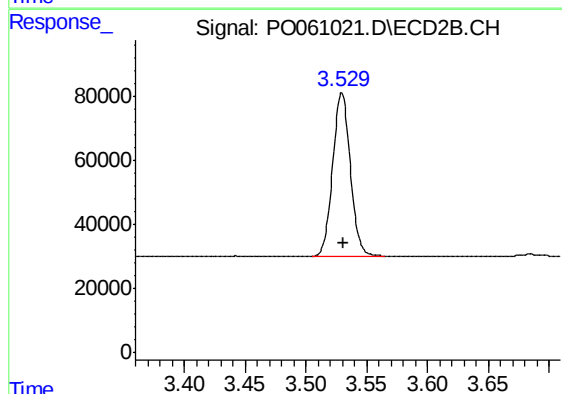




#1 Tetrachloro-m-xylene

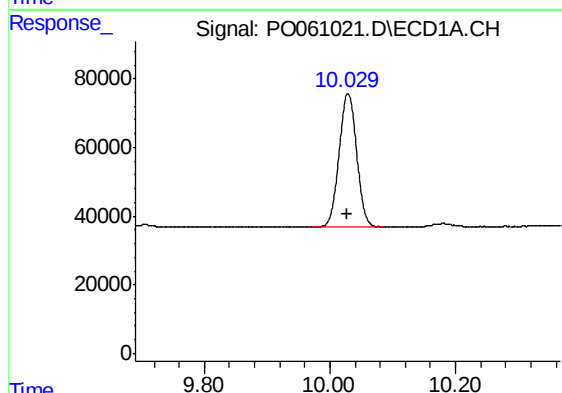
R.T.: 4.369 min  
Delta R.T.: -0.001 min  
Response: 640338  
Conc: 17.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



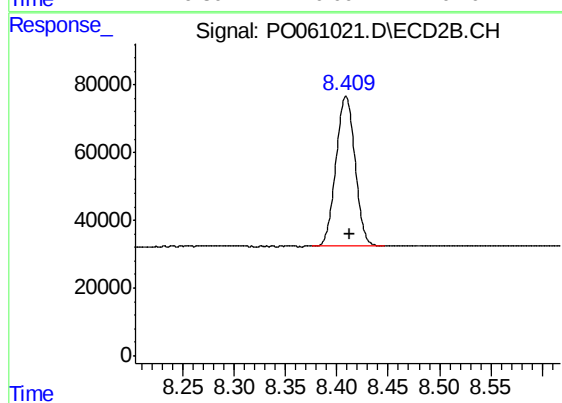
#1 Tetrachloro-m-xylene

R.T.: 3.530 min  
Delta R.T.: -0.002 min  
Response: 515148  
Conc: 18.45 ng/ml



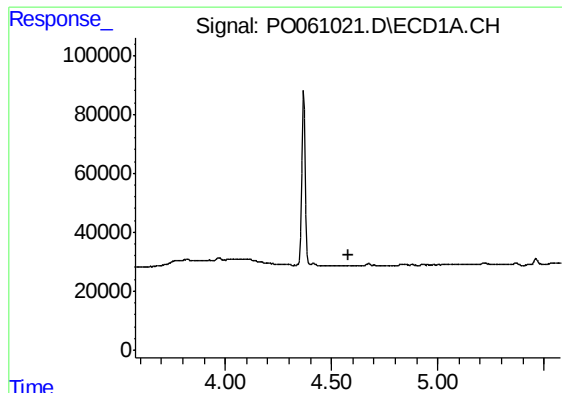
#2 Decachlorobiphenyl

R.T.: 10.029 min  
Delta R.T.: 0.001 min  
Response: 750064  
Conc: 16.32 ng/ml



#2 Decachlorobiphenyl

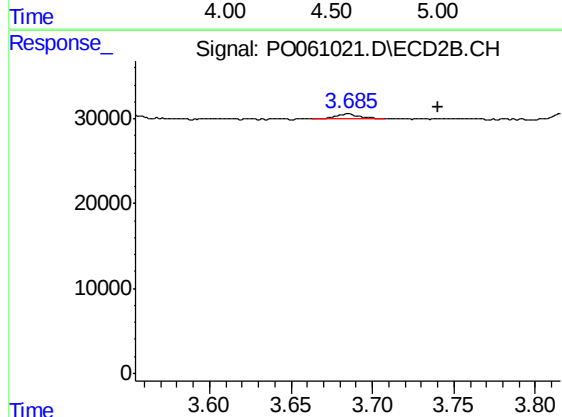
R.T.: 8.409 min  
Delta R.T.: -0.004 min  
Response: 574146  
Conc: 16.38 ng/ml



#8 AR-1221-1

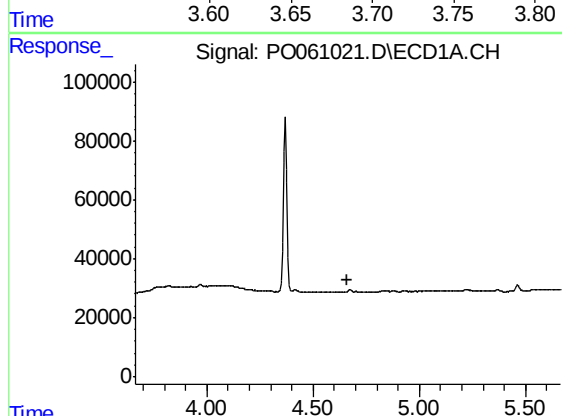
R.T.: 0.000 min  
Exp R.T. : 4.578 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



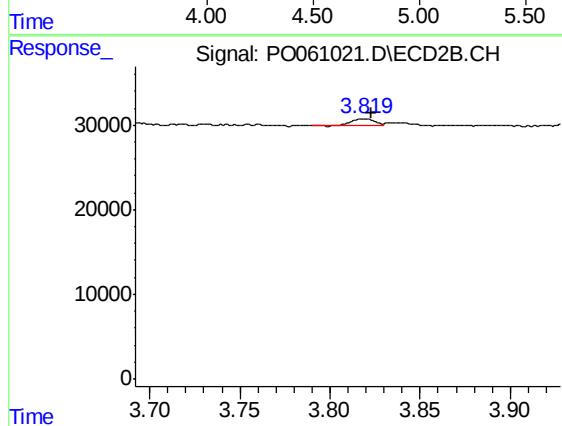
#8 AR-1221-1

R.T.: 3.685 min  
Delta R.T.: -0.055 min  
Response: 6495  
Conc: 18.35 ng/ml



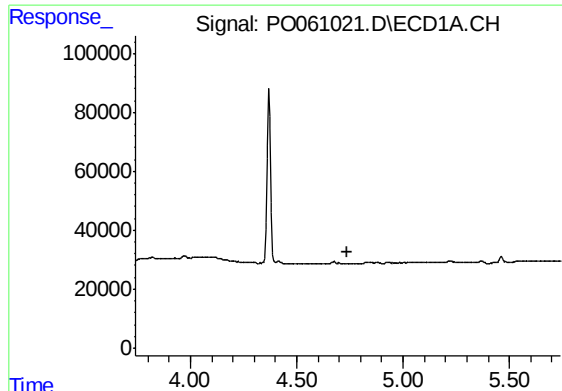
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.664 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

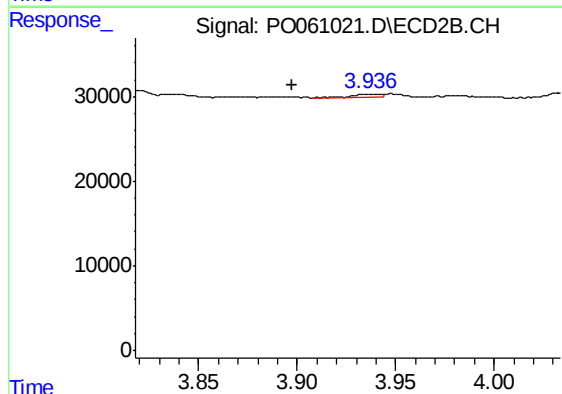
R.T.: 3.819 min  
Delta R.T.: -0.004 min  
Response: 7604  
Conc: 27.06 ng/ml



#10 AR-1221-3

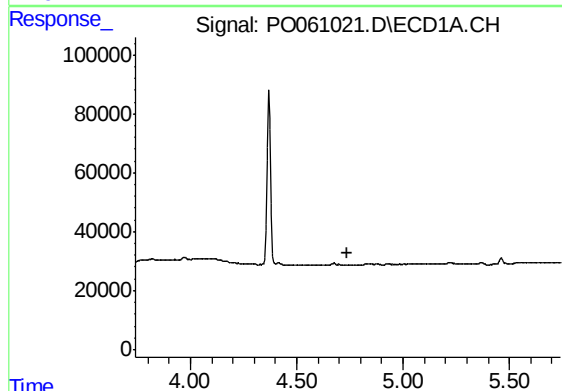
R.T.: 0.000 min  
Exp R.T. : 4.741 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



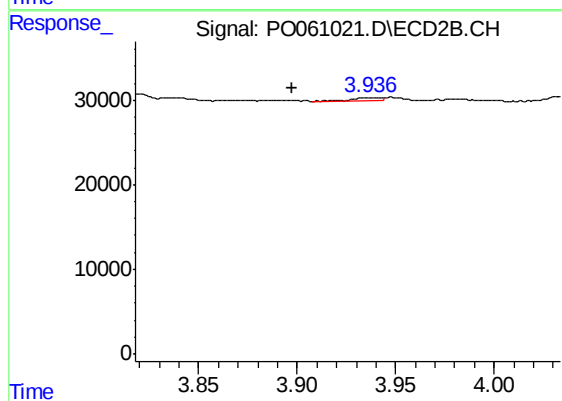
#10 AR-1221-3

R.T.: 3.937 min  
Delta R.T.: 0.039 min  
Response: 4084  
Conc: 4.92 ng/ml



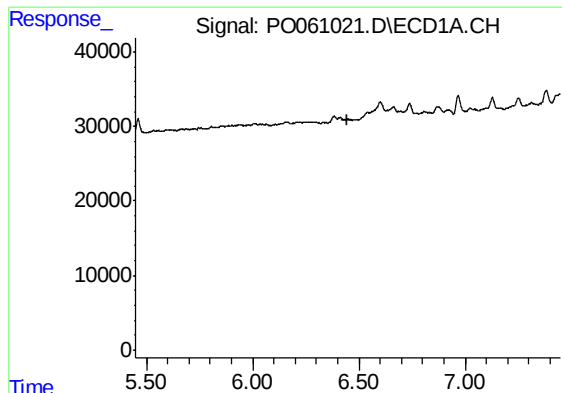
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.741 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

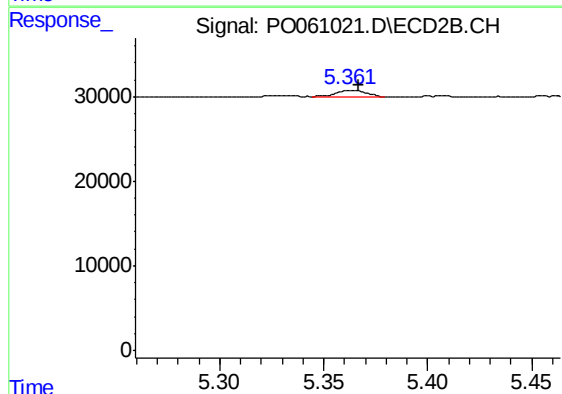
R.T.: 3.937 min  
Delta R.T.: 0.039 min  
Response: 4084  
Conc: 4.48 ng/ml



#20 AR-1242-5

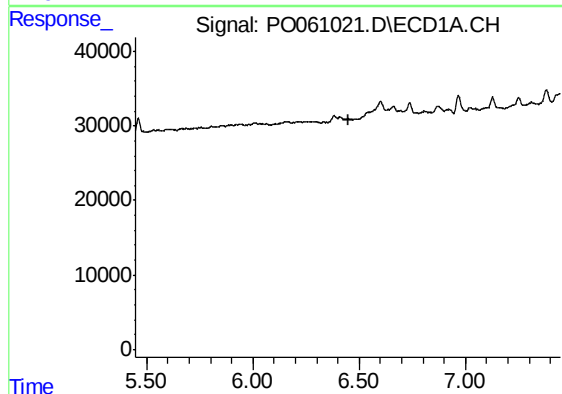
R.T.: 0.000 min  
Exp R.T.: 6.448 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



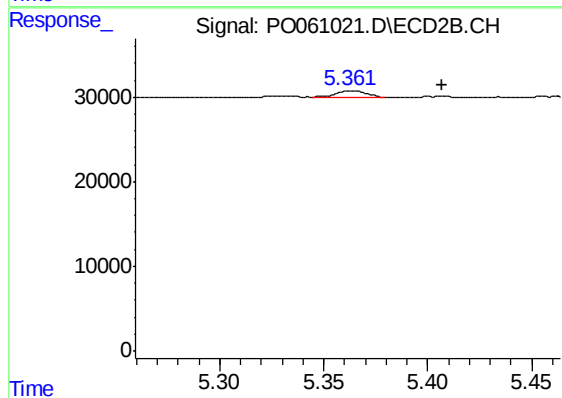
#20 AR-1242-5

R.T.: 5.362 min  
Delta R.T.: -0.005 min  
Response: 8459  
Conc: 8.55 ng/ml



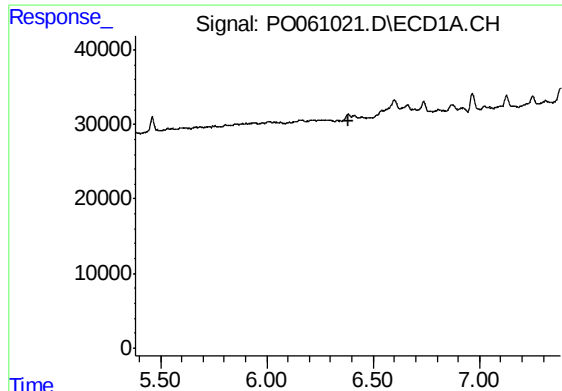
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.448 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

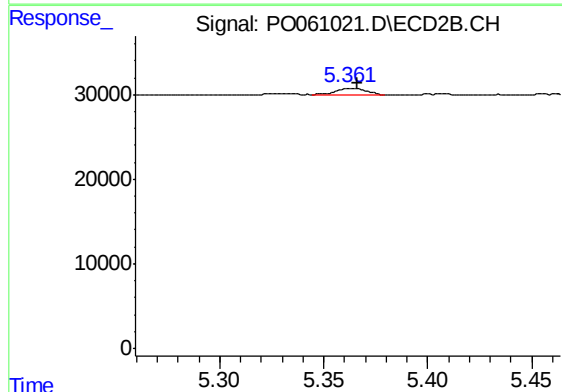
R.T.: 5.362 min  
Delta R.T.: -0.045 min  
Response: 8459  
Conc: 6.69 ng/ml



#26 AR-1254-1

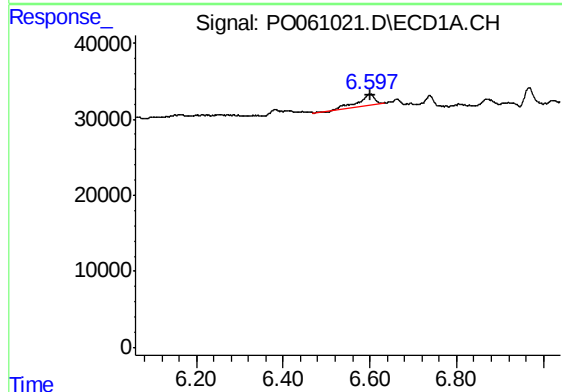
R.T.: 0.000 min  
Exp R.T.: 6.382 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



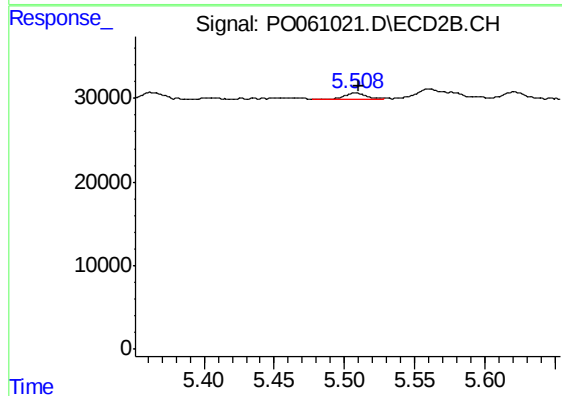
#26 AR-1254-1

R.T.: 5.362 min  
Delta R.T.: -0.004 min  
Response: 8459  
Conc: 4.10 ng/ml



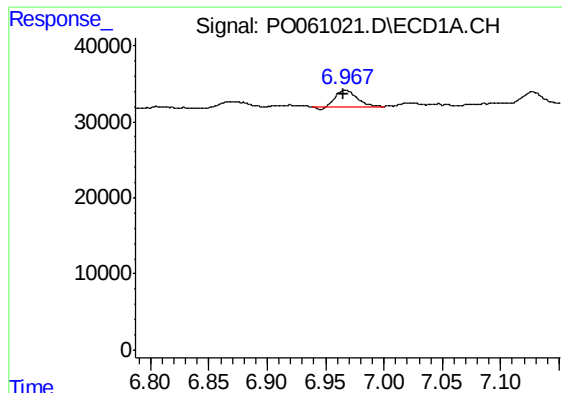
#27 AR-1254-2

R.T.: 6.598 min  
Delta R.T.: -0.002 min  
Response: 37709  
Conc: 11.98 ng/ml



#27 AR-1254-2

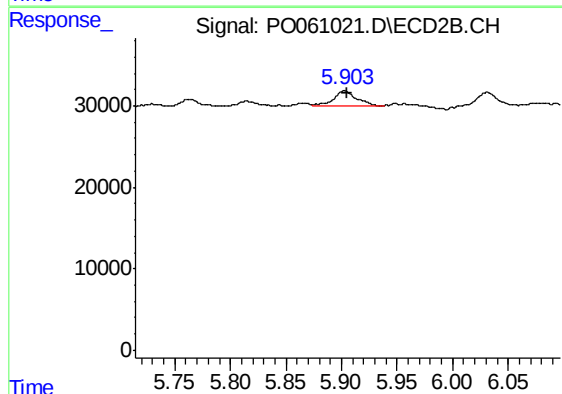
R.T.: 5.508 min  
Delta R.T.: -0.002 min  
Response: 6487  
Conc: 3.44 ng/ml



#28 AR-1254-3

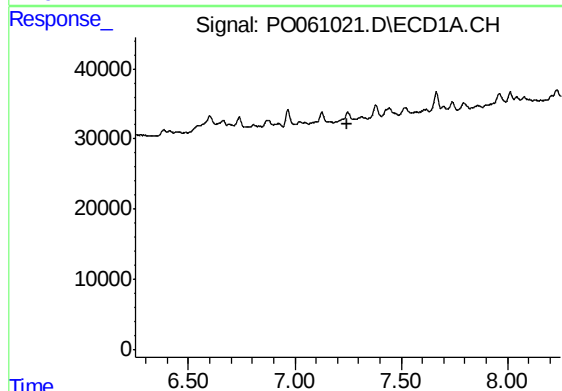
R.T.: 6.967 min  
Delta R.T.: 0.002 min  
Response: 27720  
Conc: 7.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



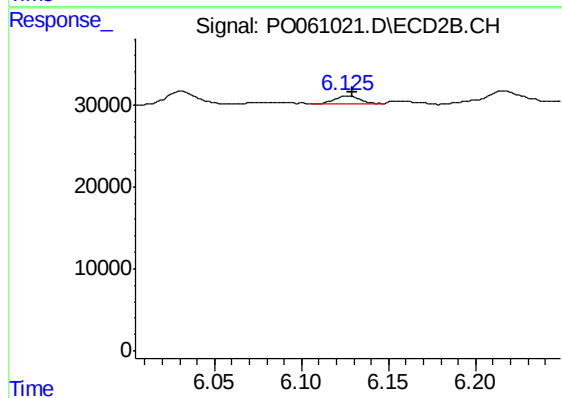
#28 AR-1254-3

R.T.: 5.903 min  
Delta R.T.: -0.002 min  
Response: 25672  
Conc: 8.07 ng/ml



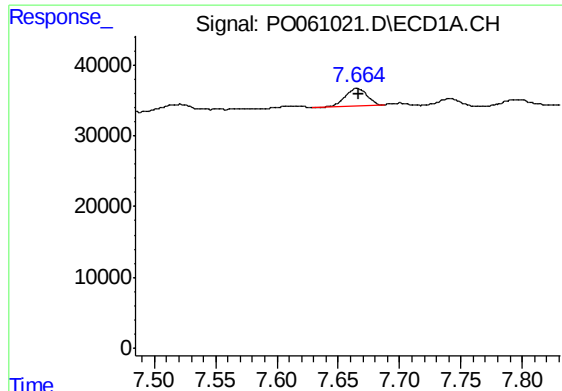
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.250 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

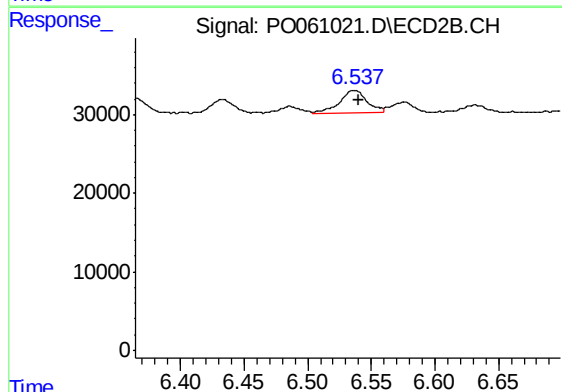
R.T.: 6.126 min  
Delta R.T.: -0.003 min  
Response: 9971  
Conc: 4.79 ng/ml



#30 AR-1254-5

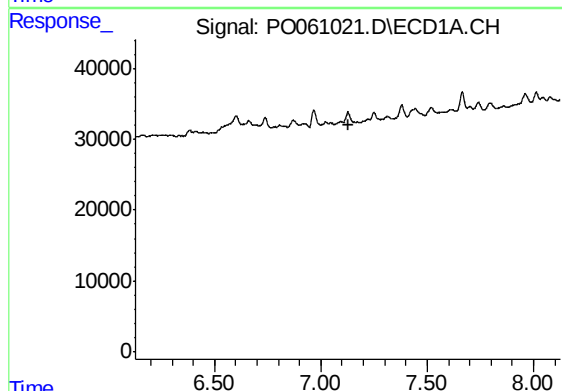
R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 31094  
Conc: 10.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



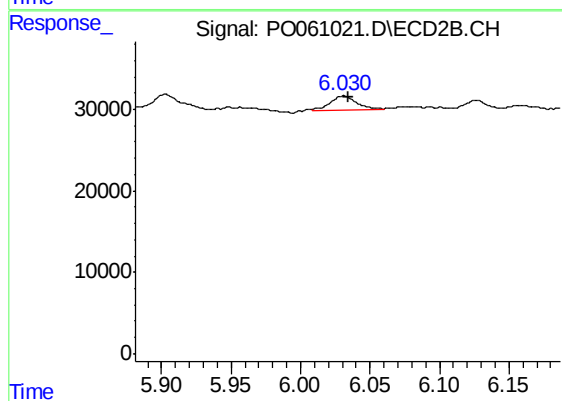
#30 AR-1254-5

R.T.: 6.537 min  
Delta R.T.: -0.003 min  
Response: 42905  
Conc: 13.56 ng/ml



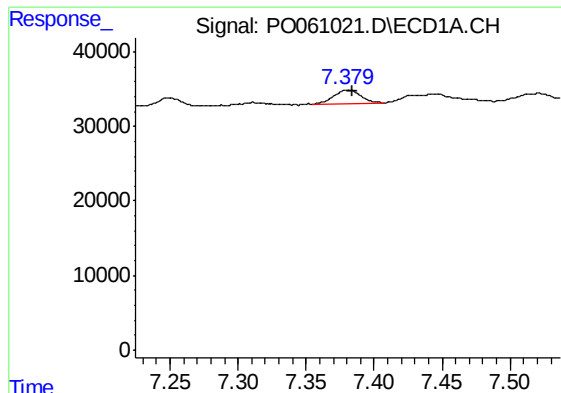
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.128 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

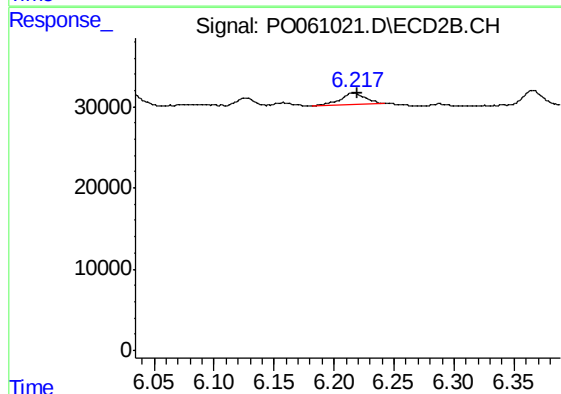
R.T.: 6.031 min  
Delta R.T.: -0.004 min  
Response: 23034  
Conc: 10.95 ng/ml



#32 AR-1260-2

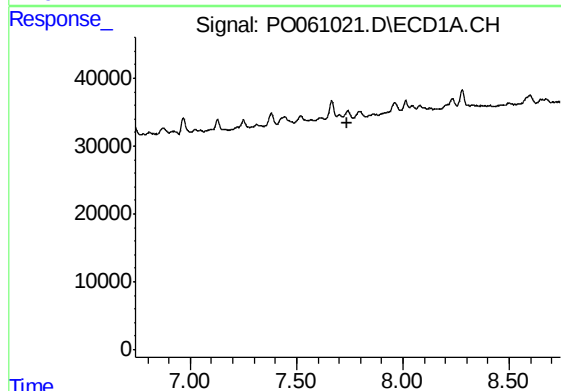
R.T.: 7.379 min  
Delta R.T.: -0.005 min  
Response: 25244  
Conc: 8.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



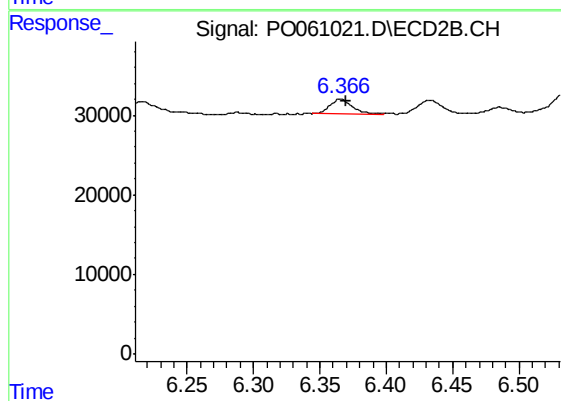
#32 AR-1260-2

R.T.: 6.217 min  
Delta R.T.: -0.002 min  
Response: 21667  
Conc: 8.40 ng/ml



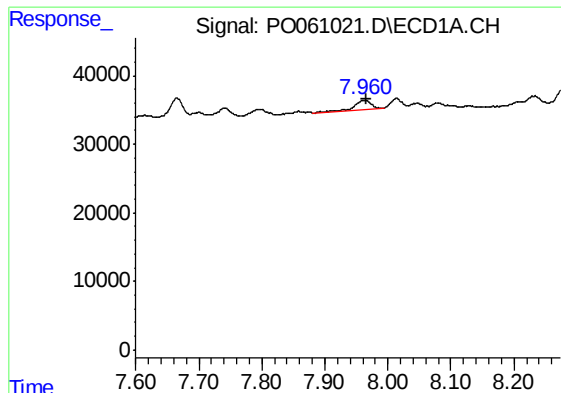
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.741 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

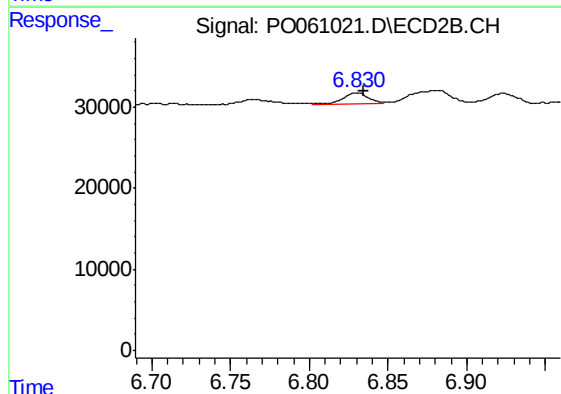
R.T.: 6.366 min  
Delta R.T.: -0.004 min  
Response: 21702  
Conc: 9.01 ng/ml



#34 AR-1260-4

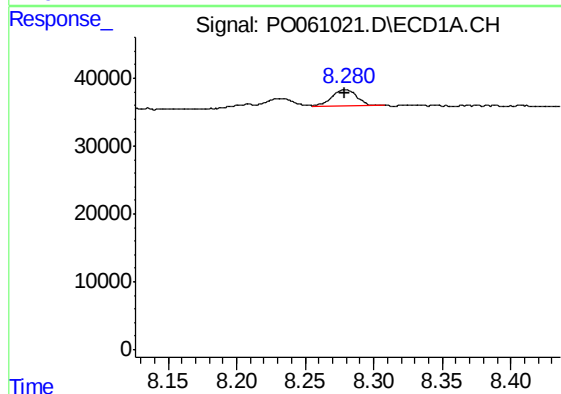
R.T.: 7.961 min  
Delta R.T.: -0.004 min  
Response: 30037  
Conc: 10.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



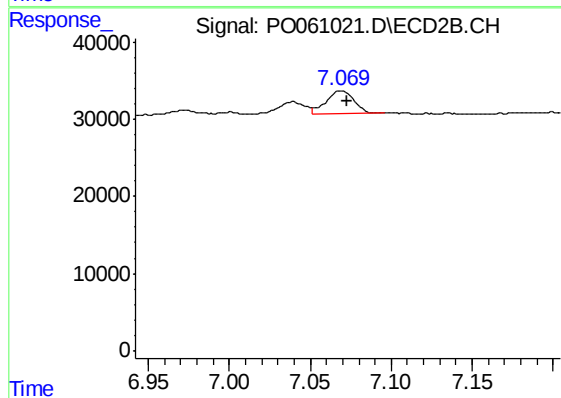
#34 AR-1260-4

R.T.: 6.830 min  
Delta R.T.: -0.004 min  
Response: 15839  
Conc: 7.40 ng/ml



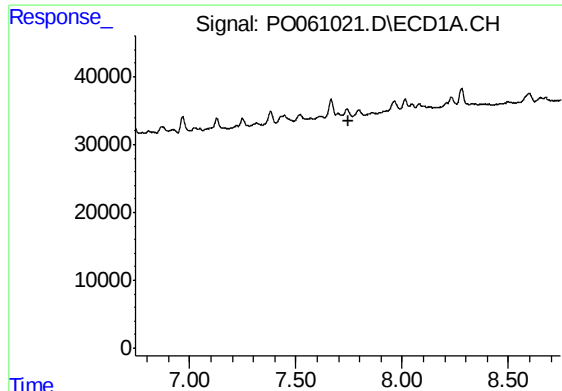
#35 AR-1260-5

R.T.: 8.280 min  
Delta R.T.: 0.000 min  
Response: 32087  
Conc: 5.89 ng/ml



#35 AR-1260-5

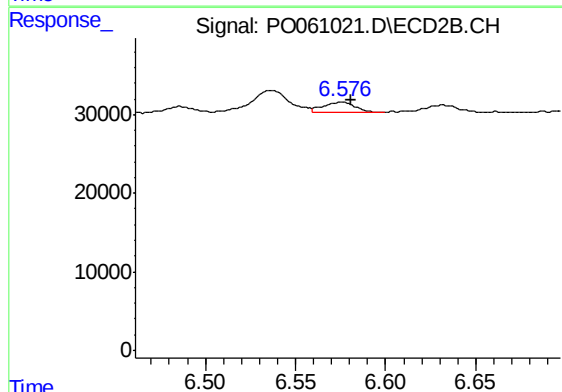
R.T.: 7.069 min  
Delta R.T.: -0.004 min  
Response: 35183  
Conc: 7.28 ng/ml



#36 AR-1262-1

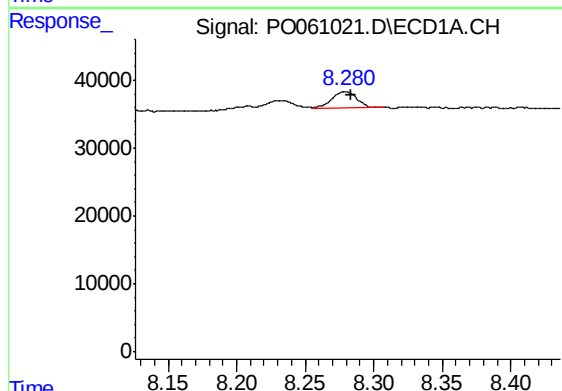
R.T.: 0.000 min  
Exp R.T.: 7.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



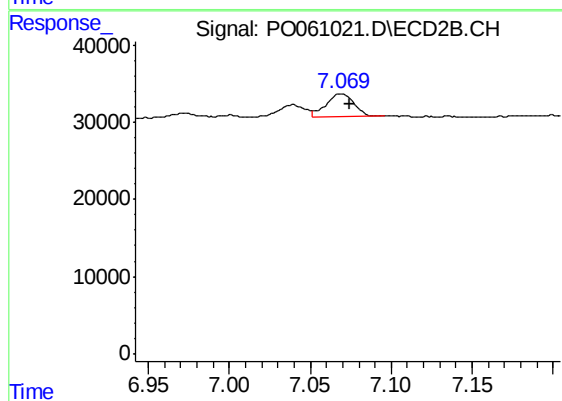
#36 AR-1262-1

R.T.: 6.576 min  
Delta R.T.: -0.005 min  
Response: 17093  
Conc: 5.72 ng/ml



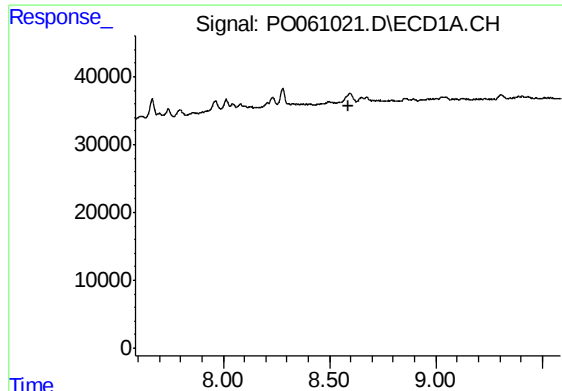
#37 AR-1262-2

R.T.: 8.280 min  
Delta R.T.: -0.004 min  
Response: 32087  
Conc: 5.15 ng/ml



#37 AR-1262-2

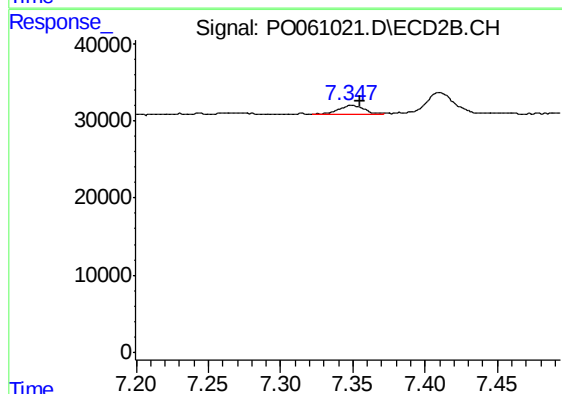
R.T.: 7.069 min  
Delta R.T.: -0.005 min  
Response: 35183  
Conc: 6.77 ng/ml



#38 AR-1262-3

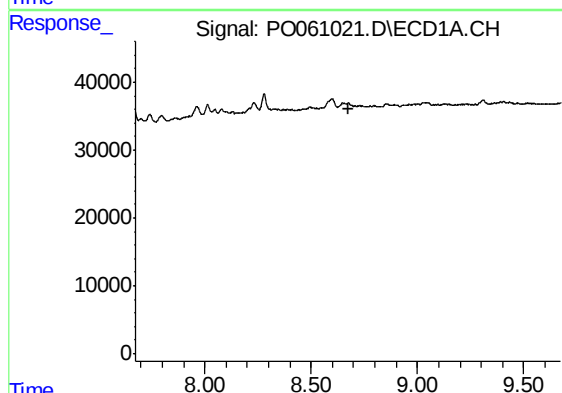
R.T.: 0.000 min  
Exp R.T. : 8.587 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



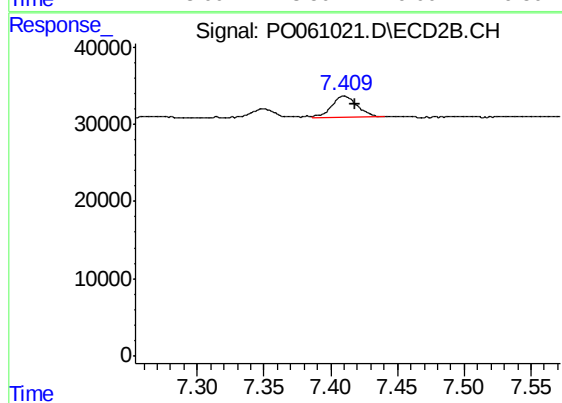
#38 AR-1262-3

R.T.: 7.350 min  
Delta R.T.: -0.006 min  
Response: 13172  
Conc: 6.21 ng/ml



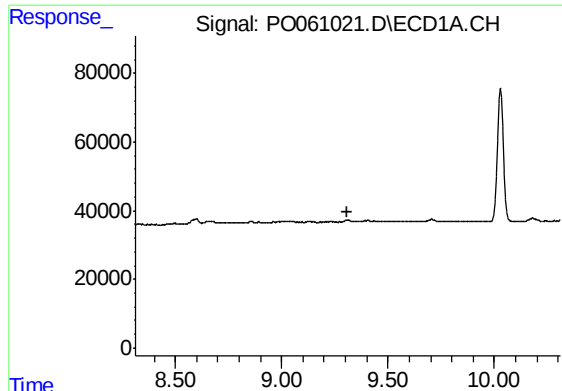
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.673 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

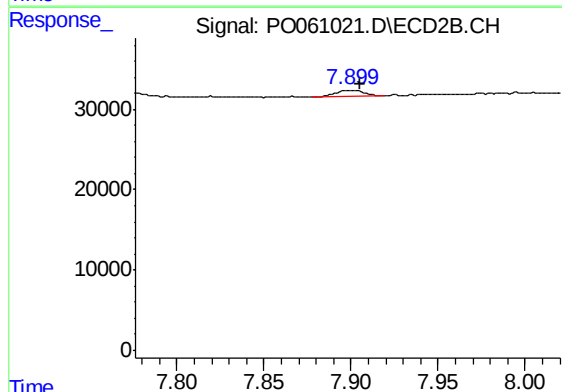
R.T.: 7.410 min  
Delta R.T.: -0.008 min  
Response: 35576  
Conc: 9.31 ng/ml



#40 AR-1262-5

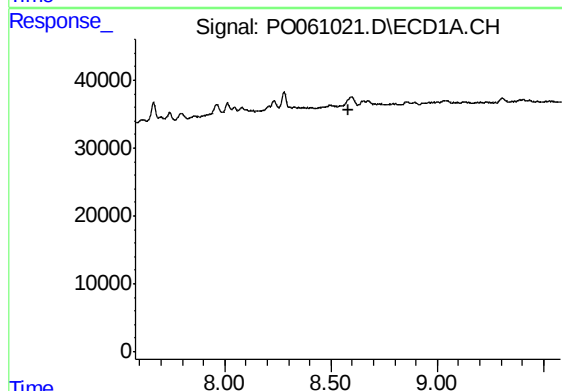
R.T.: 0.000 min  
Exp R.T. : 9.311 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



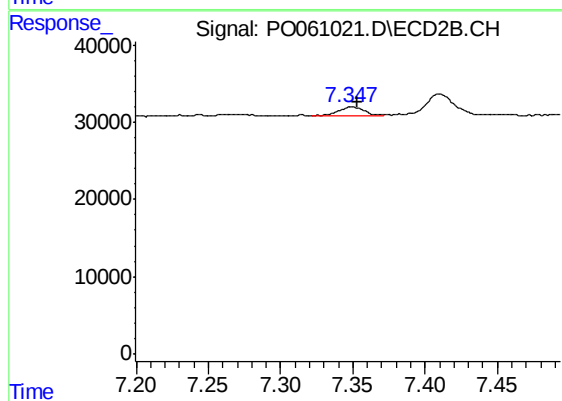
#40 AR-1262-5

R.T.: 7.900 min  
Delta R.T.: -0.005 min  
Response: 8870  
Conc: 5.30 ng/ml



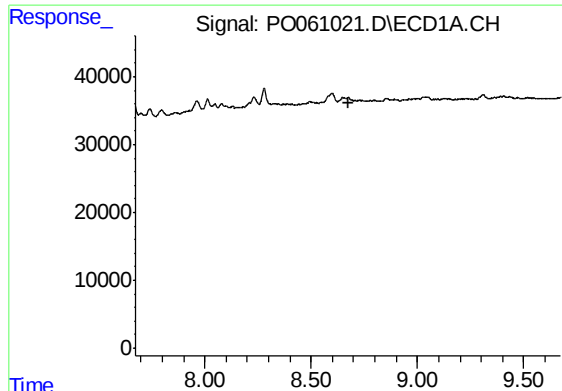
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.580 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

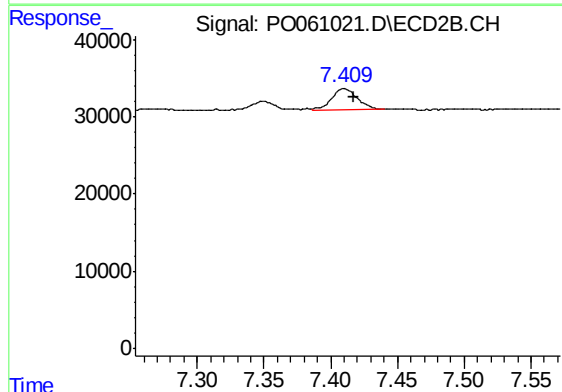
R.T.: 7.350 min  
Delta R.T.: -0.004 min  
Response: 13172  
Conc: 2.25 ng/ml



#42 AR-1268-2

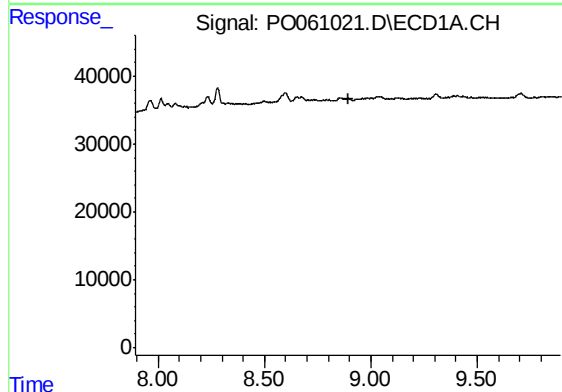
R.T.: 0.000 min  
Exp R.T. : 8.673 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



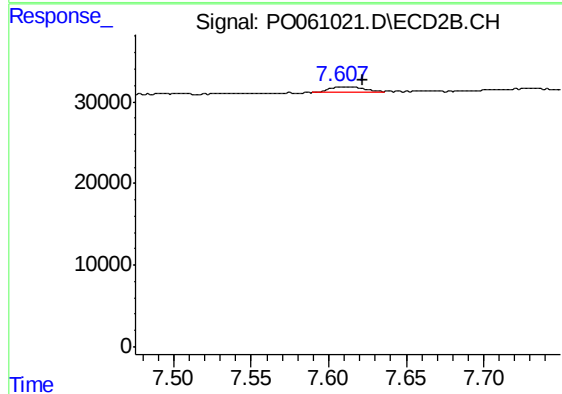
#42 AR-1268-2

R.T.: 7.410 min  
Delta R.T.: -0.007 min  
Response: 35576  
Conc: 6.67 ng/ml



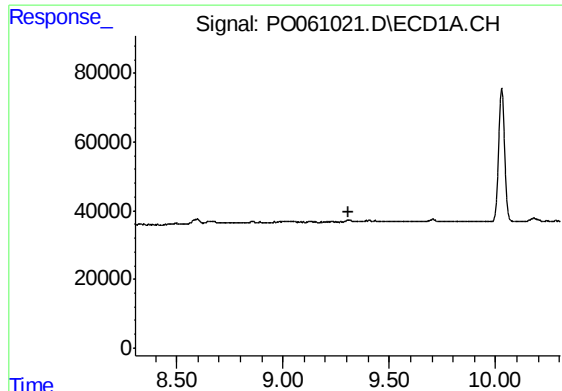
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.893 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

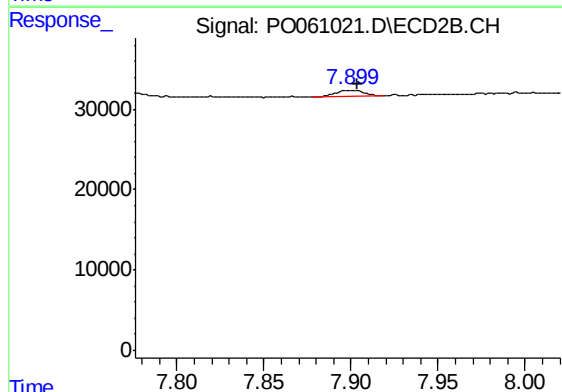
R.T.: 7.607 min  
Delta R.T.: -0.014 min  
Response: 10728  
Conc: 2.42 ng/ml



#44 AR-1268-4

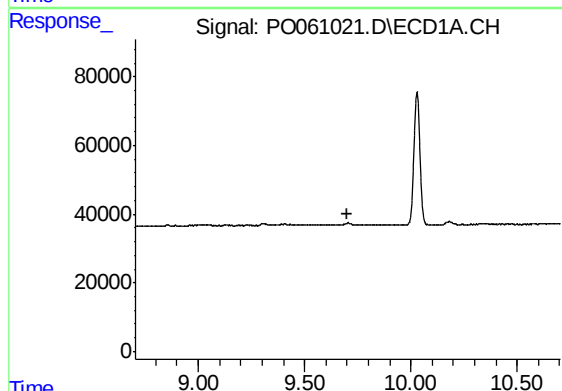
R.T.: 0.000 min  
Exp R.T. : 9.306 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-1-S(1.5-4)



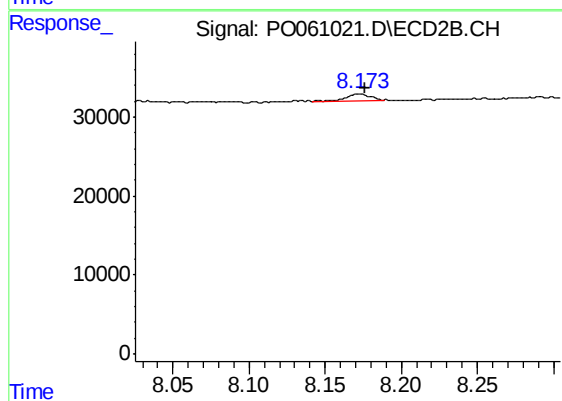
#44 AR-1268-4

R.T.: 7.900 min  
Delta R.T.: -0.004 min  
Response: 8870  
Conc: 4.64 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.704 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.173 min  
Delta R.T.: -0.003 min  
Response: 9285  
Conc: 0.77 ng/ml