

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091719\  
 Data File : P0061022.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 17 Sep 2019 21:27  
 Operator : SM/AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 18 01:18:12 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... | 4.368  | 3.529 | 555105 | 457639 | 15.088 | 16.390   |
| 2)                          | SA Decachlor... | 10.029 | 8.408 | 907750 | 691842 | 19.757 | 19.738   |
| Target Compounds            |                 |        |       |        |        |        |          |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.841 | 0      | 6060   | N.D.   | 6.251 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.841 | 0      | 6060   | N.D.   | 7.403 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.023 | 0      | 13331  | N.D.   | 12.728 # |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.818 | 0      | 6628   | N.D.   | 23.583 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.942 | 0      | 4103   | N.D.   | 4.943 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.942 | 0      | 4103   | N.D.   | 4.502 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.841 | 0      | 6060   | N.D.   | 10.798 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.859 | 0      | 3274   | N.D.   | 6.269 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.023 | 0      | 13331  | N.D.   | 23.555 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.841 | 0      | 6060   | N.D.   | 8.481 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.859 | 0      | 3274   | N.D.   | 4.496 #  |
| 20)                         | L4 AR-1242-5    | 6.384  | 5.361 | 111736 | 2826   | 99.703 | 2.855 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.841 | 0      | 6060   | N.D.   | 6.272 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.859 | 0      | 3274   | N.D.   | 3.251 #  |
| 24)                         | L5 AR-1248-4    | 6.384  | 5.023 | 111736 | 13331  | 61.330 | 11.100 # |
| 25)                         | L5 AR-1248-5    | 6.384  | 5.389 | 111736 | 51880  | 63.864 | 41.040 # |
| 26)                         | L6 AR-1254-1    | 6.384  | 5.361 | 111736 | 2826   | 57.995 | 1.371 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.506 | 0      | 15532  | N.D.   | 8.231 #  |
| 28)                         | L6 AR-1254-3    | 6.970  | 5.903 | 55098  | 39891  | 15.644 | 12.546   |
| 29)                         | L6 AR-1254-4    | 7.249  | 6.125 | 42370  | 10589  | 15.652 | 5.086 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.538 | 0      | 15389  | N.D.   | 4.862 #  |
| 31)                         | L7 AR-1260-1    | 7.155  | 6.029 | 33027  | 16350  | 13.565 | 7.773 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.199 | 0      | 30227  | N.D.   | 11.718 # |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.365 | 0      | 9413   | N.D.   | 3.909 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.830 | 0      | 5520   | N.D.   | 2.579 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.068 | 0      | 15346  | N.D.   | 3.176 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.538 | 0      | 15389  | N.D.   | 5.152 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.068 | 0      | 15346  | N.D.   | 2.951 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.352 | 0      | 6560   | N.D.   | 3.091 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.408 | 0      | 15480  | N.D.   | 4.053 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.901 | 0      | 2470   | N.D.   | 1.476 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.352 | 0      | 6560   | N.D.   | 1.119 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.408 | 0      | 15480  | N.D.   | 2.904 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.614 | 0      | 5256   | N.D.   | 1.186 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.901 | 0      | 2470   | N.D.   | 1.293 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.173 | 0      | 10064  | N.D.   | 0.836 #  |
| -----                       |                 |        |       |        |        |        |          |

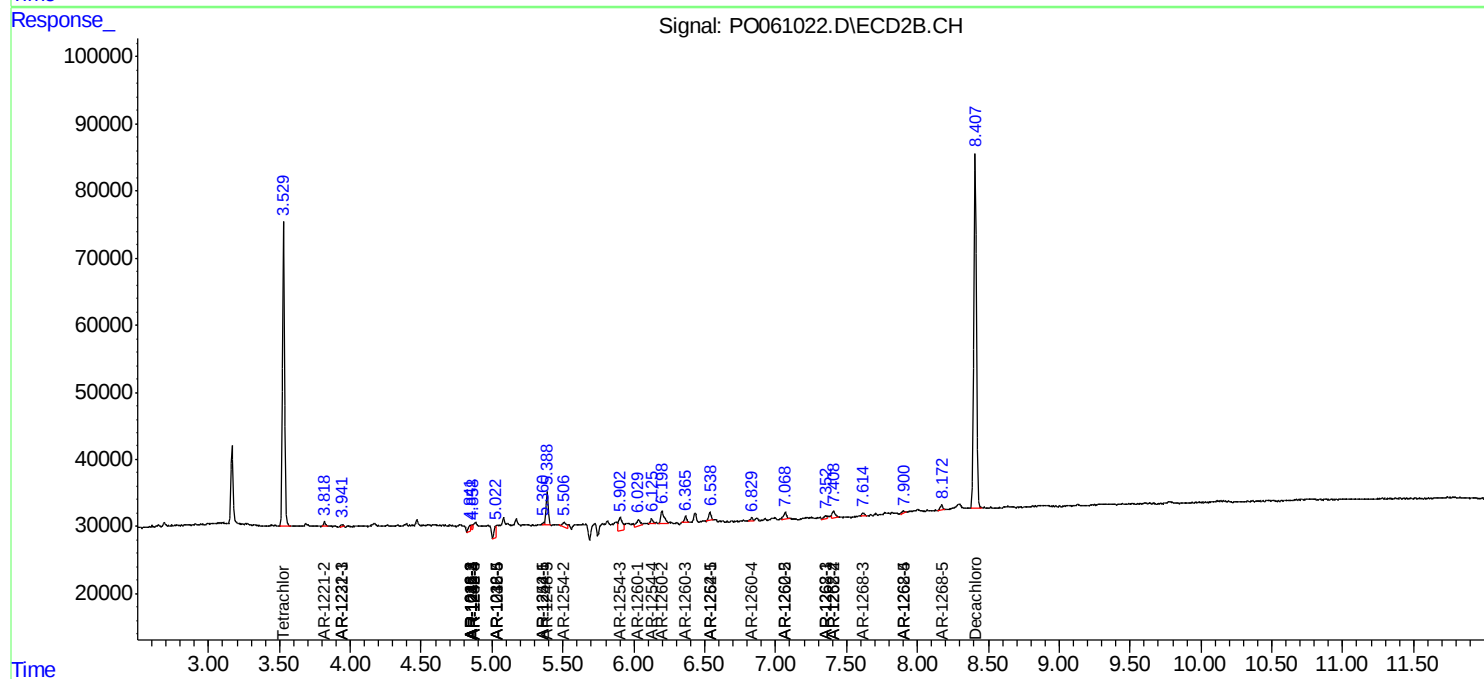
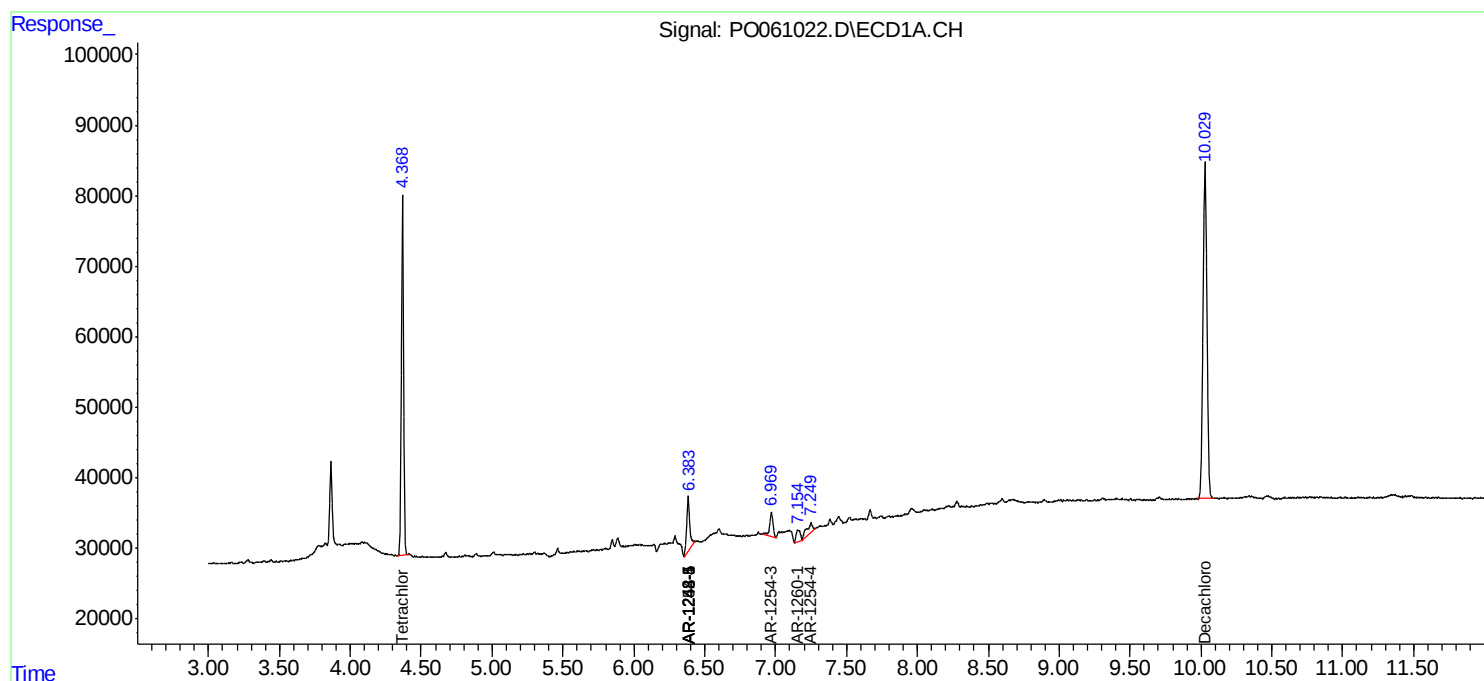
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

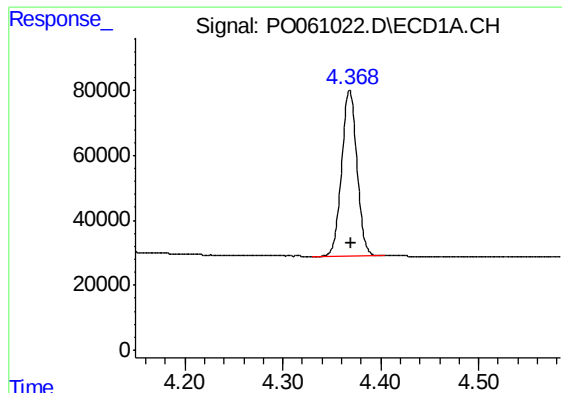
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO091719\  
Data File : PO061022.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 17 Sep 2019 21:27  
Operator : SM/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 18 01:18:12 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

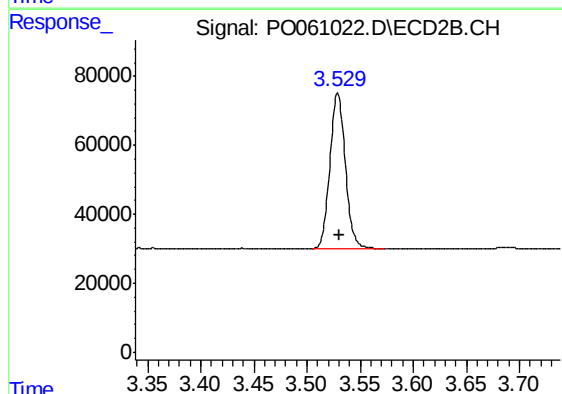




#1 Tetrachloro-m-xylene

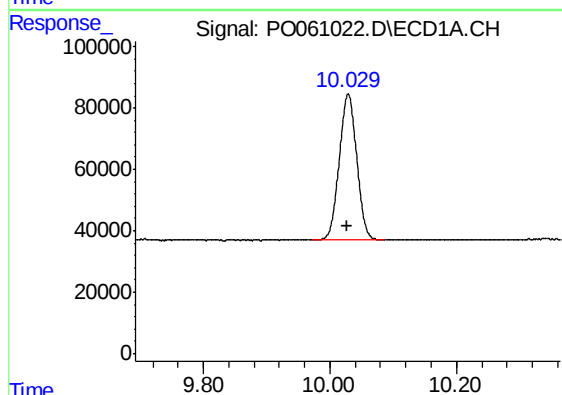
R.T.: 4.368 min  
Delta R.T.: -0.002 min  
Response: 555105  
Conc: 15.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



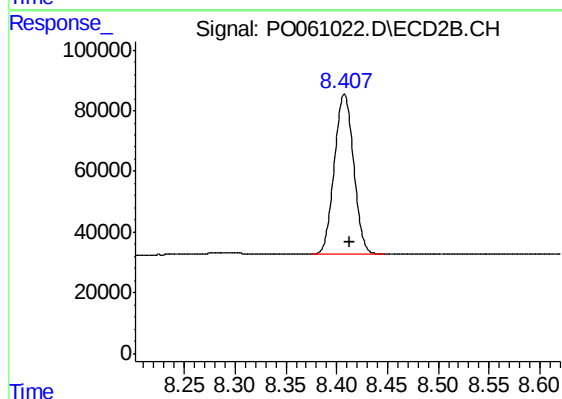
#1 Tetrachloro-m-xylene

R.T.: 3.529 min  
Delta R.T.: -0.002 min  
Response: 457639  
Conc: 16.39 ng/ml



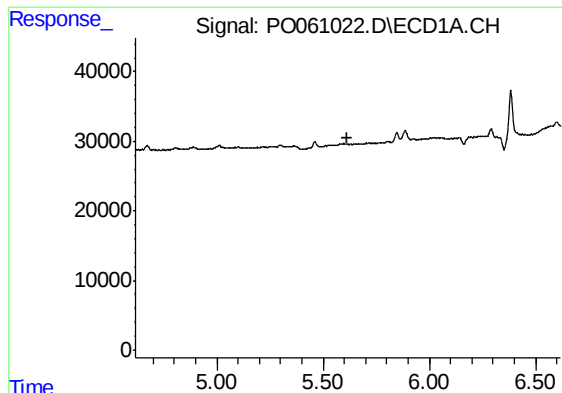
#2 Decachlorobiphenyl

R.T.: 10.029 min  
Delta R.T.: 0.002 min  
Response: 907750  
Conc: 19.76 ng/ml



#2 Decachlorobiphenyl

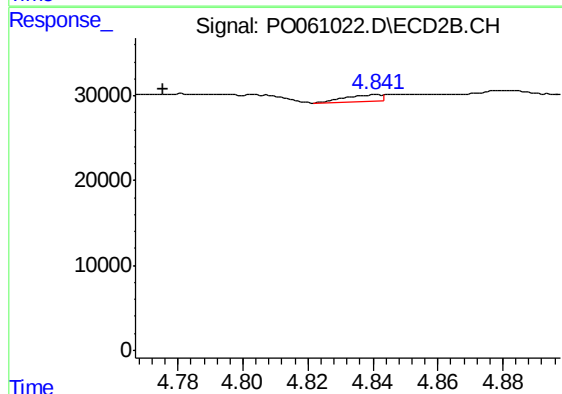
R.T.: 8.408 min  
Delta R.T.: -0.006 min  
Response: 691842  
Conc: 19.74 ng/ml



#5 AR-1016-3

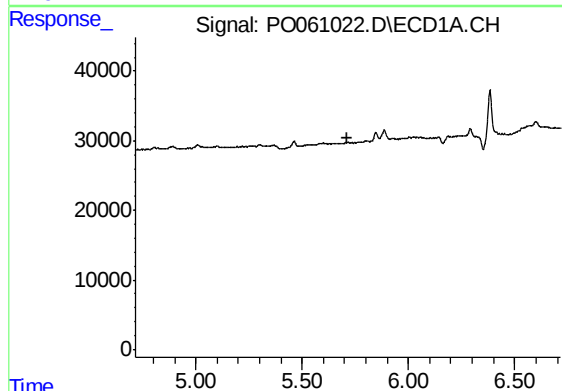
R.T.: 0.000 min  
Exp R.T. : 5.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



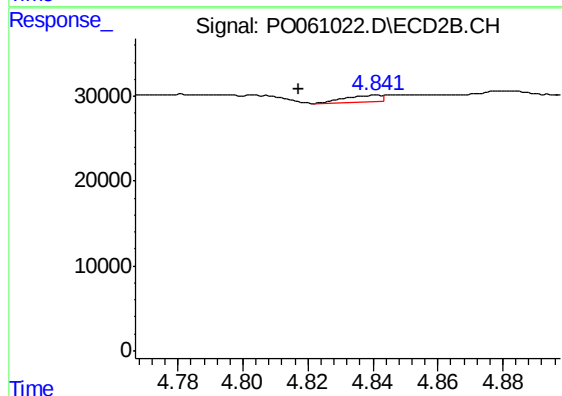
#5 AR-1016-3

R.T.: 4.841 min  
Delta R.T.: 0.066 min  
Response: 6060  
Conc: 6.25 ng/ml



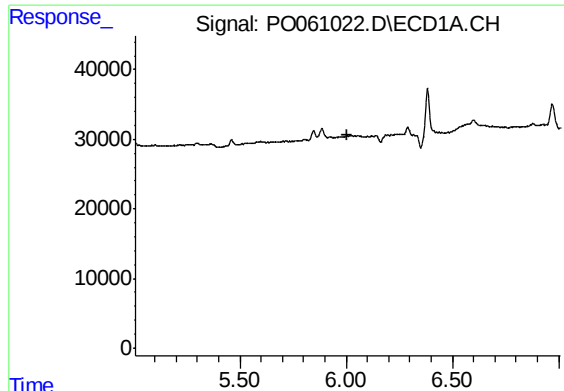
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.716 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

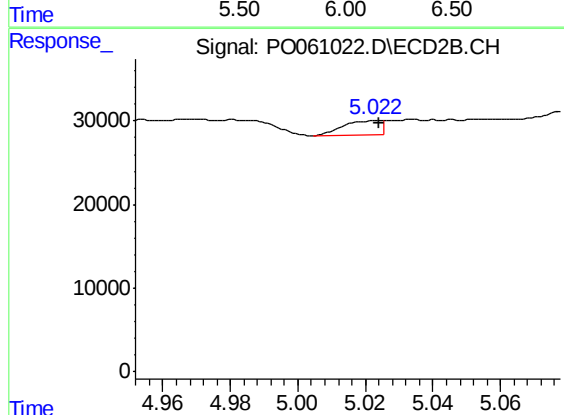
R.T.: 4.841 min  
Delta R.T.: 0.024 min  
Response: 6060  
Conc: 7.40 ng/ml



#7 AR-1016-5

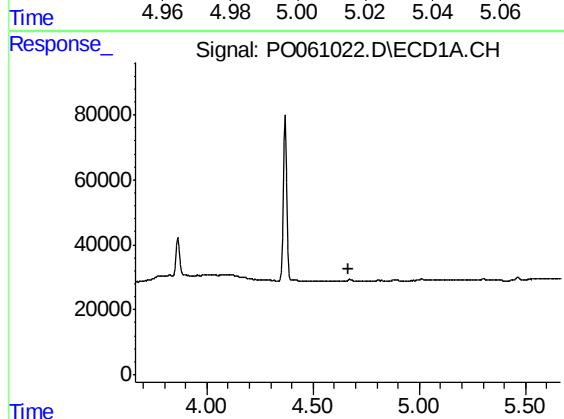
R.T.: 0.000 min  
Exp R.T. : 6.009 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



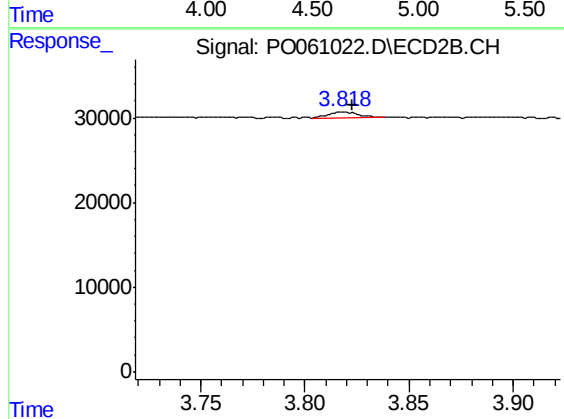
#7 AR-1016-5

R.T.: 5.023 min  
Delta R.T.: -0.001 min  
Response: 13331  
Conc: 12.73 ng/ml



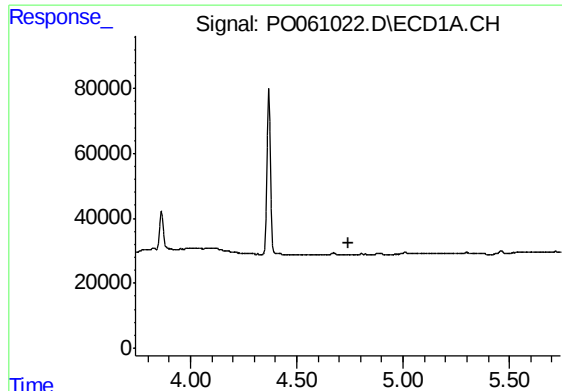
#9 AR-1221-2

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



#9 AR-1221-2

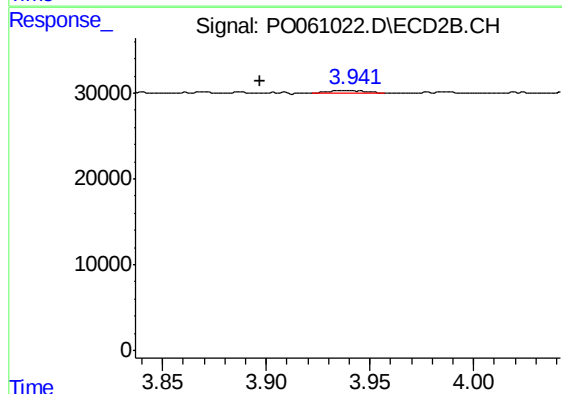
R.T.: 3.818 min  
Delta R.T.: -0.005 min  
Response: 6628  
Conc: 23.58 ng/ml



#10 AR-1221-3

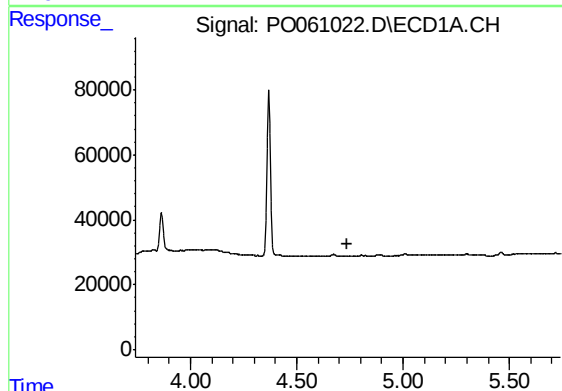
R.T.: 0.000 min  
Exp R.T. : 4.741 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



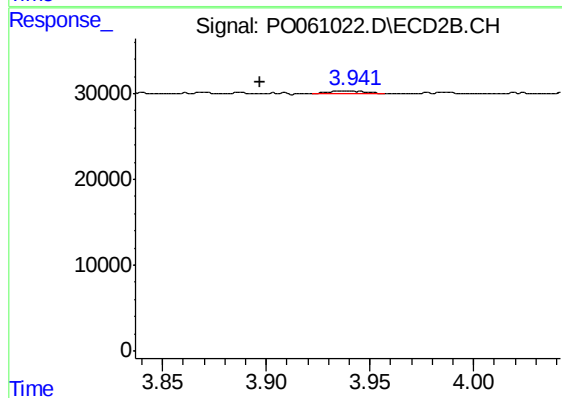
#10 AR-1221-3

R.T.: 3.942 min  
Delta R.T.: 0.044 min  
Response: 4103  
Conc: 4.94 ng/ml



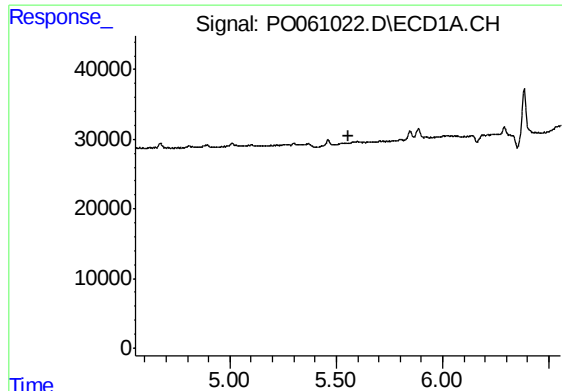
#11 AR-1232-1

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



#11 AR-1232-1

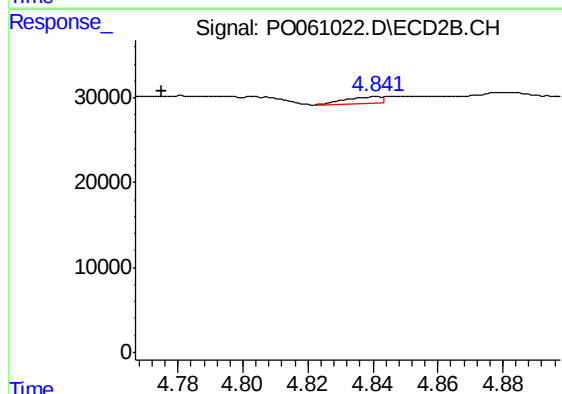
R.T.: 3.942 min  
Delta R.T.: 0.044 min  
Response: 4103  
Conc: 4.50 ng/ml



#13 AR-1232-3

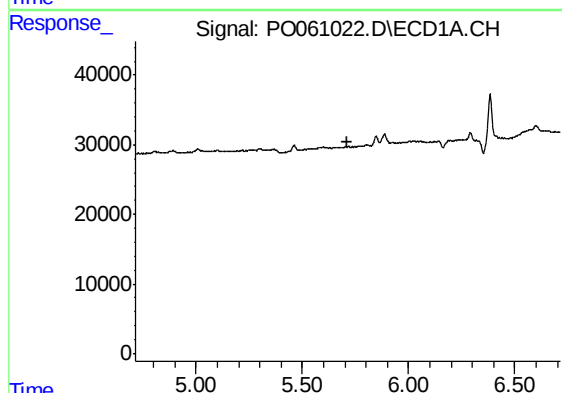
R.T.: 0.000 min  
Exp R.T. : 5.555 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



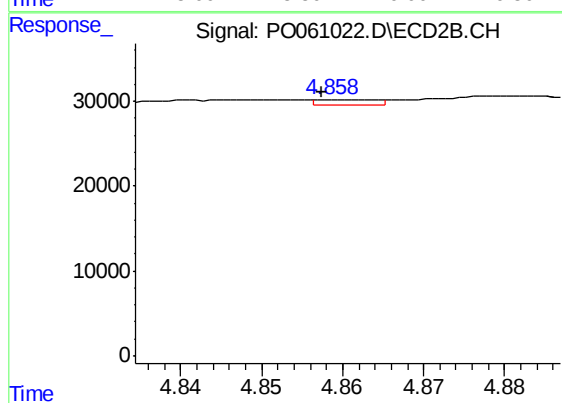
#13 AR-1232-3

R.T.: 4.841 min  
Delta R.T.: 0.066 min  
Response: 6060  
Conc: 10.80 ng/ml



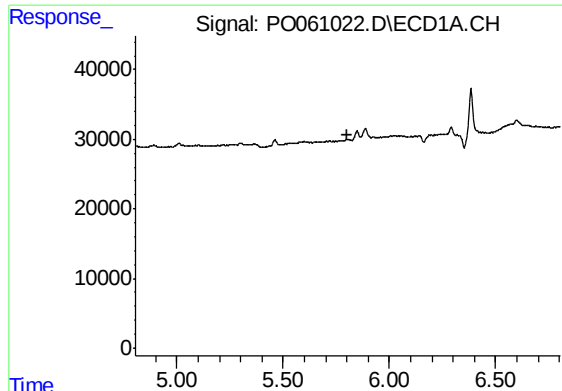
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.715 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

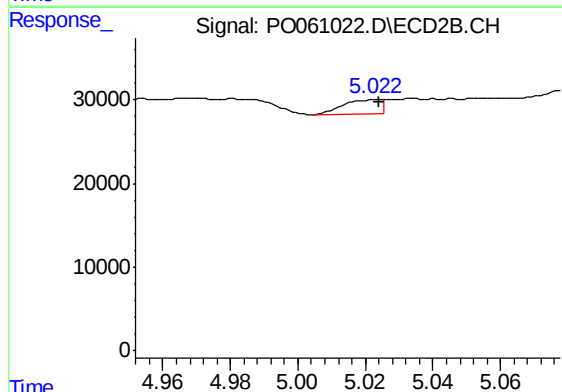
R.T.: 4.859 min  
Delta R.T.: 0.001 min  
Response: 3274  
Conc: 6.27 ng/ml



#15 AR-1232-5

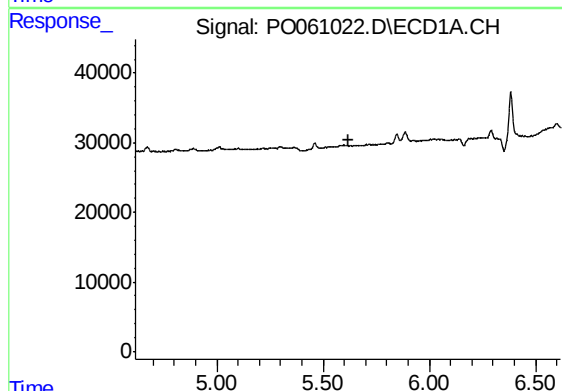
R.T.: 0.000 min  
Exp R.T.: 5.805 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



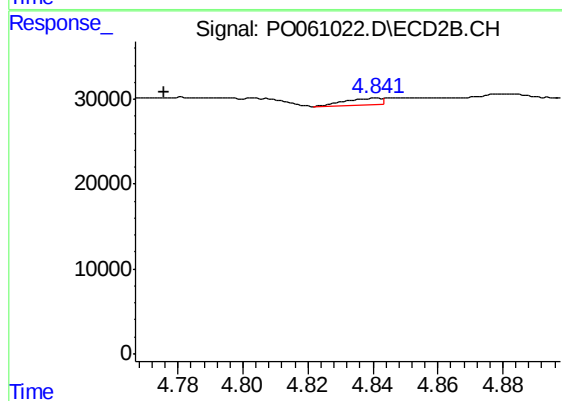
#15 AR-1232-5

R.T.: 5.023 min  
Delta R.T.: -0.001 min  
Response: 13331  
Conc: 23.56 ng/ml



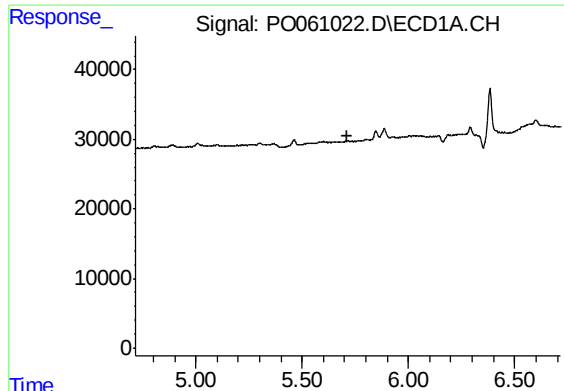
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.617 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

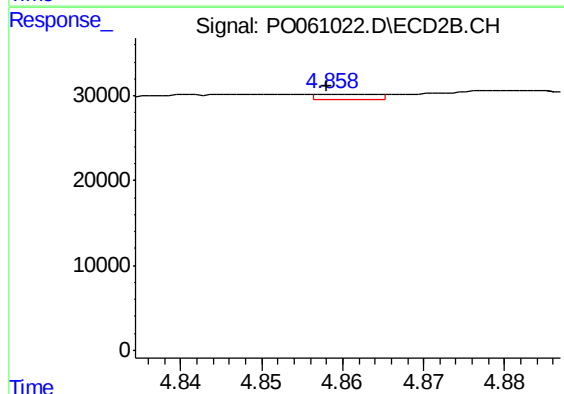
R.T.: 4.841 min  
Delta R.T.: 0.065 min  
Response: 6060  
Conc: 8.48 ng/ml



#19 AR-1242-4

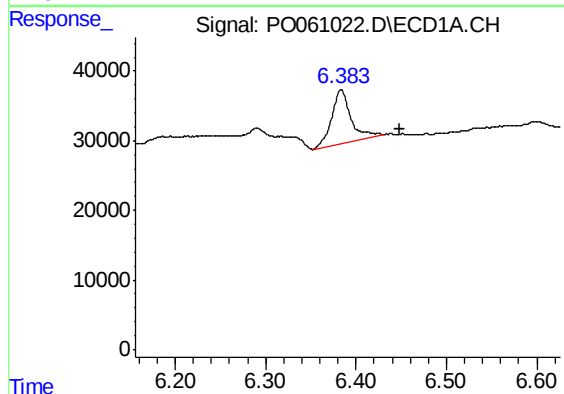
R.T.: 0.000 min  
Exp R.T.: 5.715 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



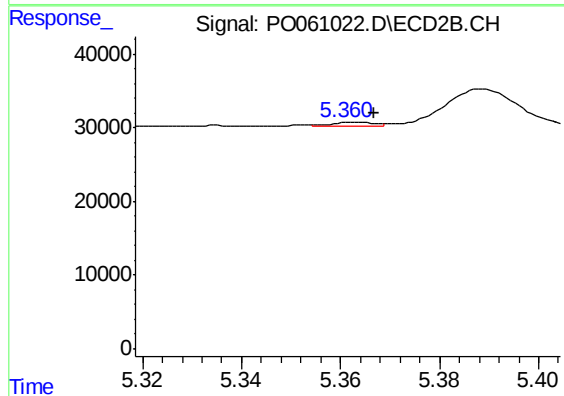
#19 AR-1242-4

R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 3274  
Conc: 4.50 ng/ml



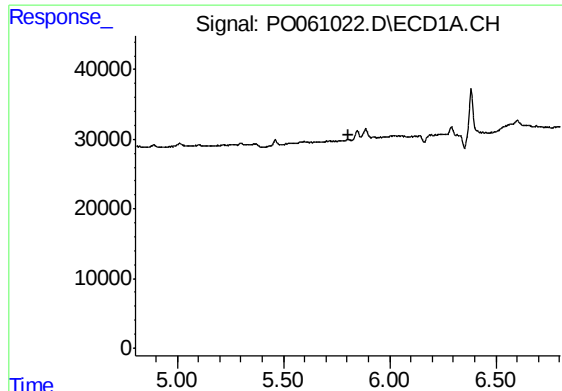
#20 AR-1242-5

R.T.: 6.384 min  
Delta R.T.: -0.065 min  
Response: 111736  
Conc: 99.70 ng/ml



#20 AR-1242-5

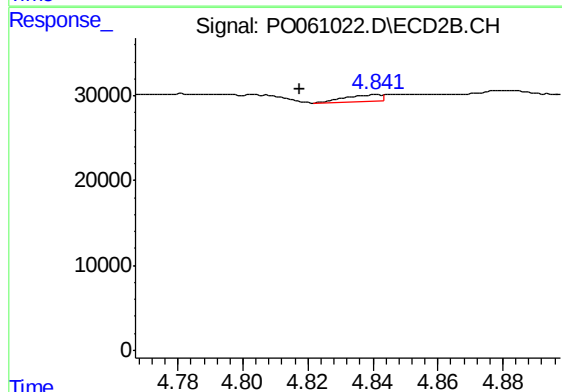
R.T.: 5.361 min  
Delta R.T.: -0.006 min  
Response: 2826  
Conc: 2.86 ng/ml



#22 AR-1248-2

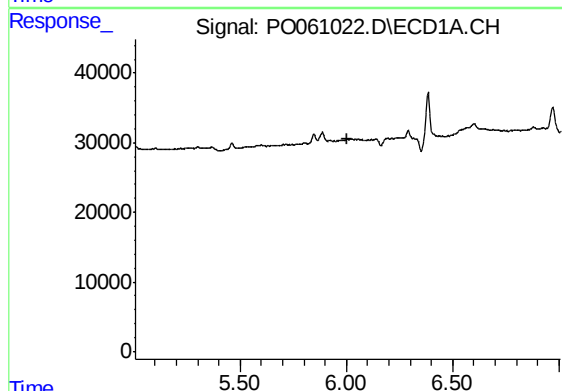
R.T.: 0.000 min  
Exp R.T.: 5.804 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



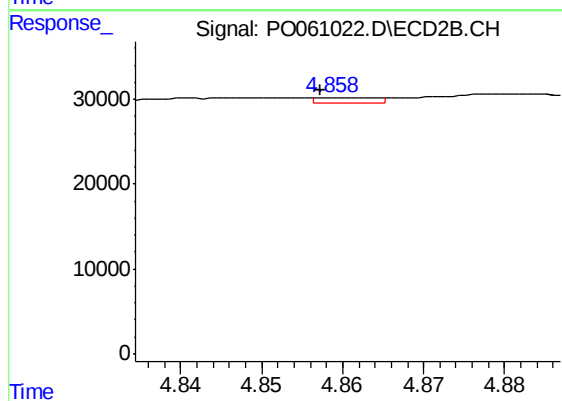
#22 AR-1248-2

R.T.: 4.841 min  
Delta R.T.: 0.024 min  
Response: 6060  
Conc: 6.27 ng/ml



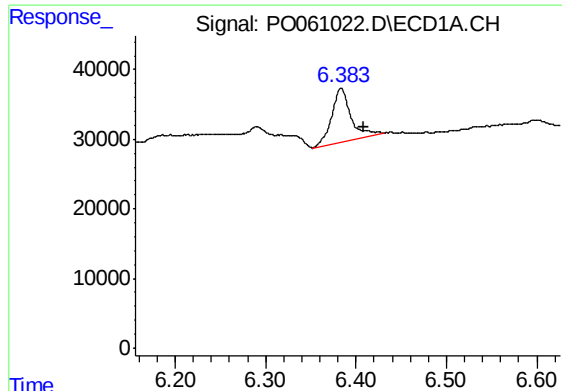
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.007 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

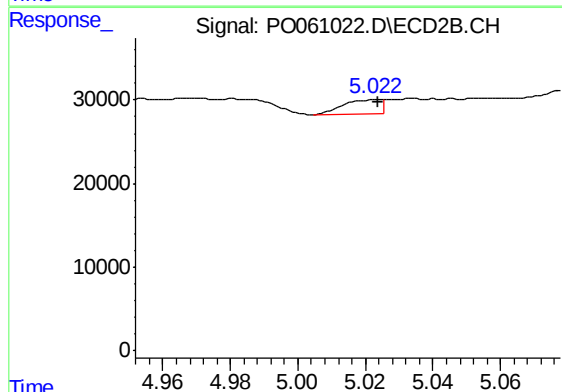
R.T.: 4.859 min  
Delta R.T.: 0.001 min  
Response: 3274  
Conc: 3.25 ng/ml



#24 AR-1248-4

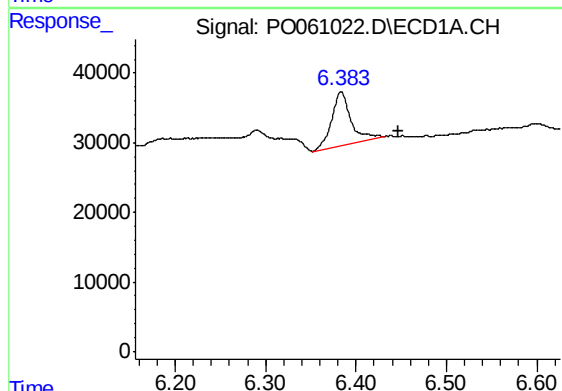
R.T.: 6.384 min  
Delta R.T.: -0.026 min  
Response: 111736  
Conc: 61.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



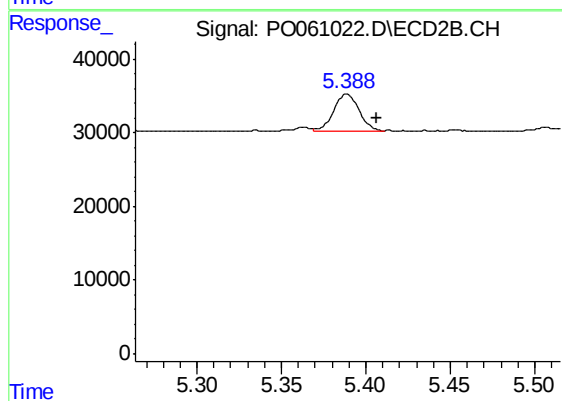
#24 AR-1248-4

R.T.: 5.023 min  
Delta R.T.: 0.000 min  
Response: 13331  
Conc: 11.10 ng/ml



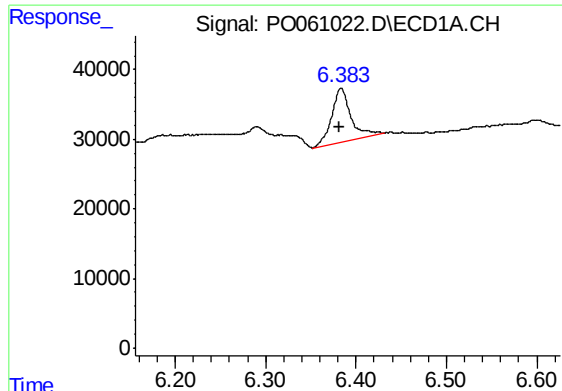
#25 AR-1248-5

R.T.: 6.384 min  
Delta R.T.: -0.064 min  
Response: 111736  
Conc: 63.86 ng/ml



#25 AR-1248-5

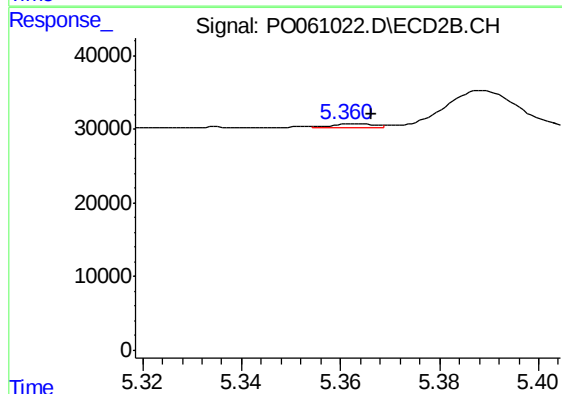
R.T.: 5.389 min  
Delta R.T.: -0.018 min  
Response: 51880  
Conc: 41.04 ng/ml



#26 AR-1254-1

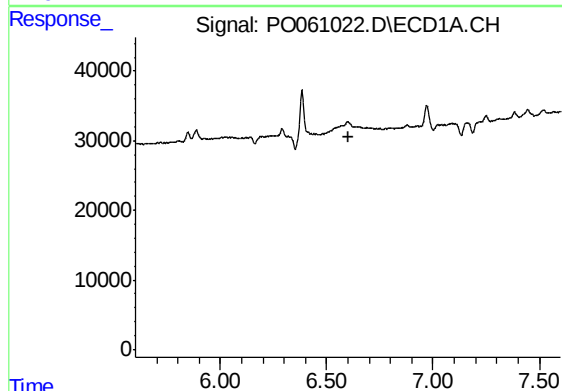
R.T.: 6.384 min  
Delta R.T.: 0.002 min  
Response: 111736  
Conc: 58.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



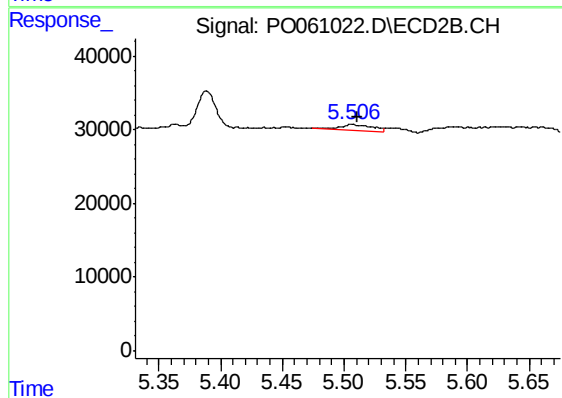
#26 AR-1254-1

R.T.: 5.361 min  
Delta R.T.: -0.005 min  
Response: 2826  
Conc: 1.37 ng/ml



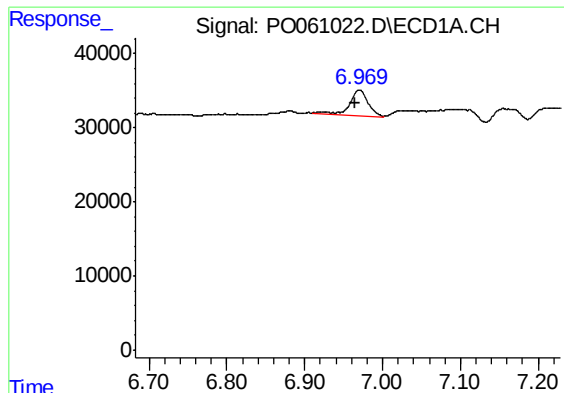
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.600 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

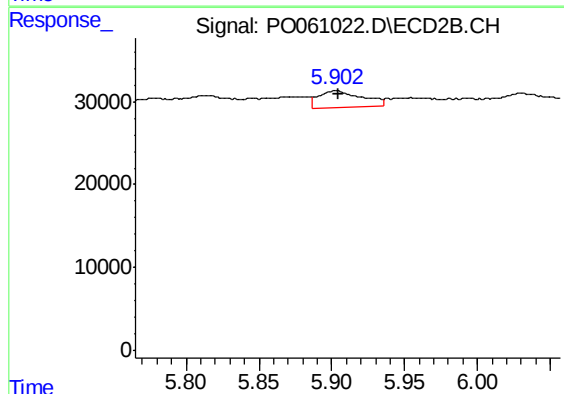
R.T.: 5.506 min  
Delta R.T.: -0.004 min  
Response: 15532  
Conc: 8.23 ng/ml



#28 AR-1254-3

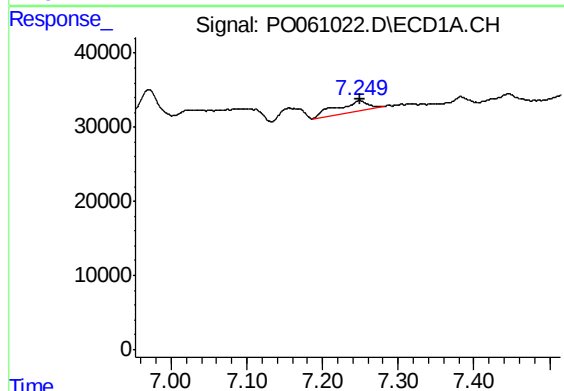
R.T.: 6.970 min  
Delta R.T.: 0.005 min  
Response: 55098  
Conc: 15.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



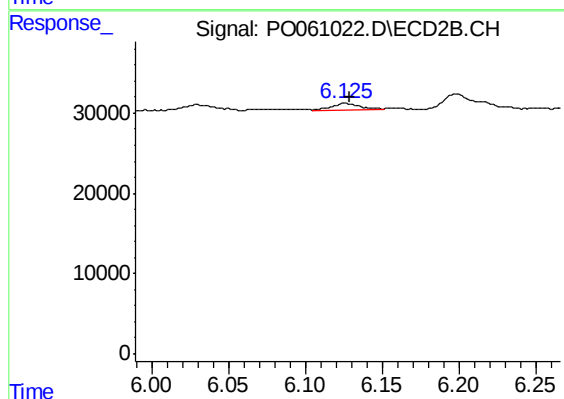
#28 AR-1254-3

R.T.: 5.903 min  
Delta R.T.: -0.002 min  
Response: 39891  
Conc: 12.55 ng/ml



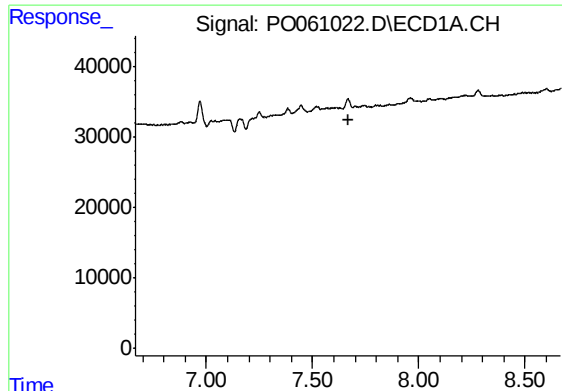
#29 AR-1254-4

R.T.: 7.249 min  
Delta R.T.: 0.000 min  
Response: 42370  
Conc: 15.65 ng/ml



#29 AR-1254-4

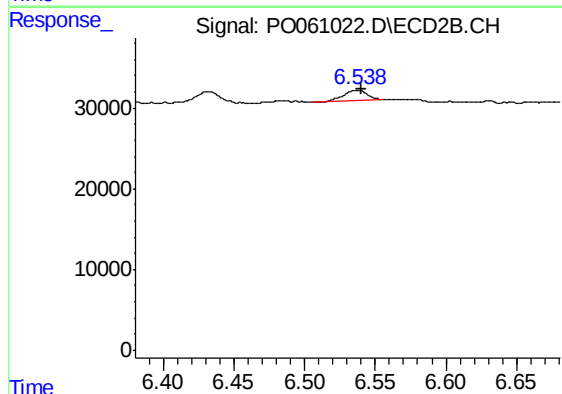
R.T.: 6.125 min  
Delta R.T.: -0.004 min  
Response: 10589  
Conc: 5.09 ng/ml



#30 AR-1254-5

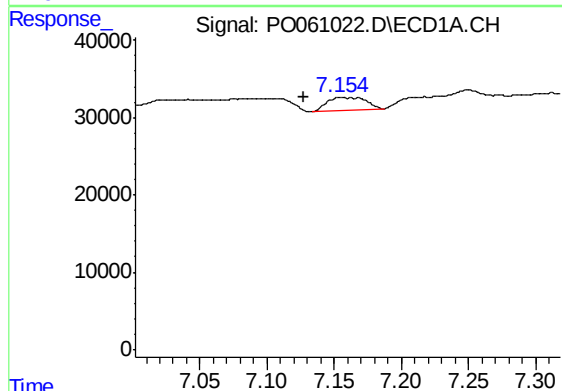
R.T.: 0.000 min  
Exp R.T.: 7.667 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



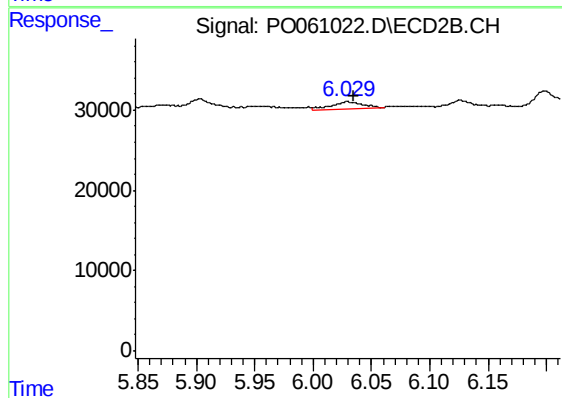
#30 AR-1254-5

R.T.: 6.538 min  
Delta R.T.: -0.003 min  
Response: 15389  
Conc: 4.86 ng/ml



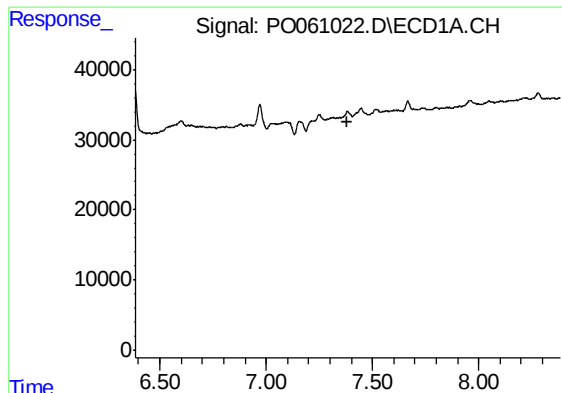
#31 AR-1260-1

R.T.: 7.155 min  
Delta R.T.: 0.028 min  
Response: 33027  
Conc: 13.57 ng/ml



#31 AR-1260-1

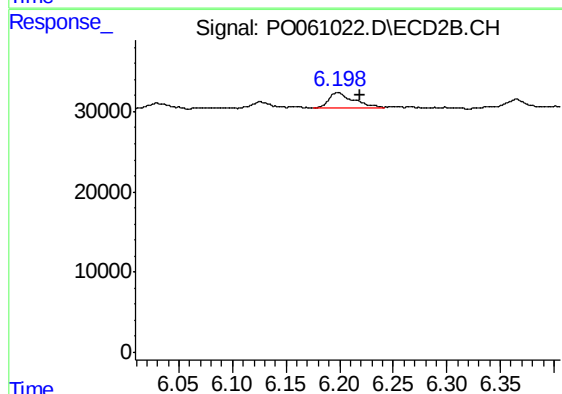
R.T.: 6.029 min  
Delta R.T.: -0.005 min  
Response: 16350  
Conc: 7.77 ng/ml



#32 AR-1260-2

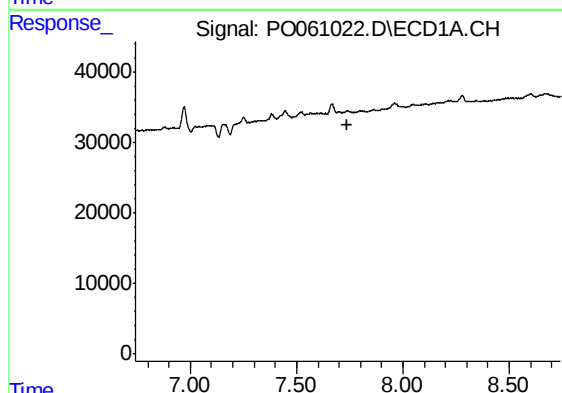
R.T.: 0.000 min  
Exp R.T. : 7.384 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



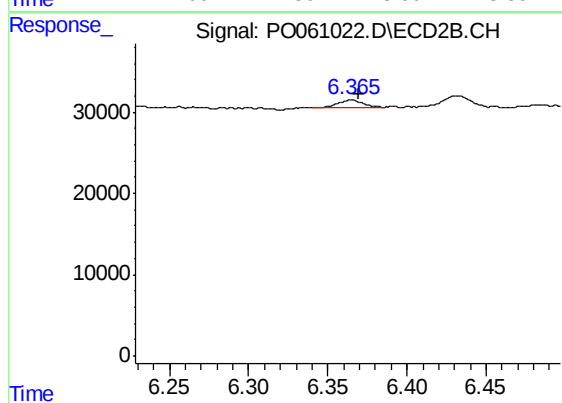
#32 AR-1260-2

R.T.: 6.199 min  
Delta R.T.: -0.021 min  
Response: 30227  
Conc: 11.72 ng/ml



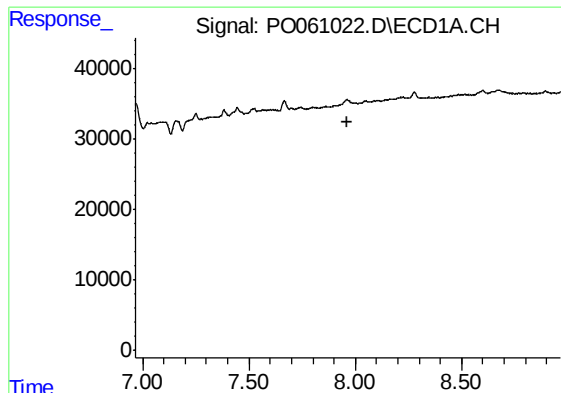
#33 AR-1260-3

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



#33 AR-1260-3

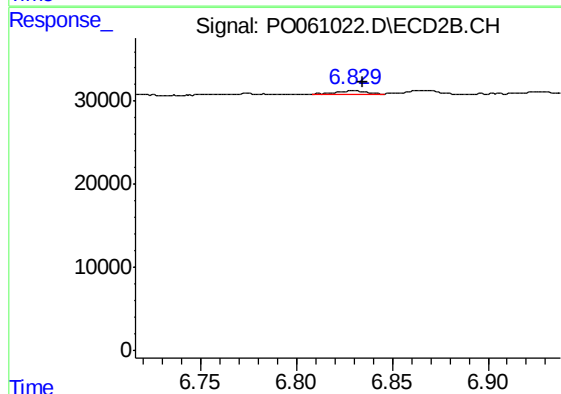
R.T.: 6.365 min  
Delta R.T.: -0.005 min  
Response: 9413  
Conc: 3.91 ng/ml



#34 AR-1260-4

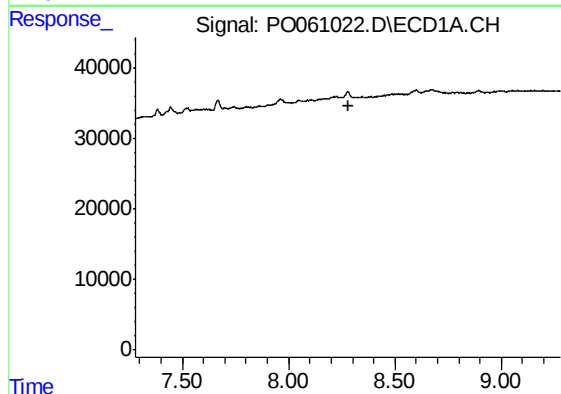
R.T.: 0.000 min  
Exp R.T.: 7.965 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



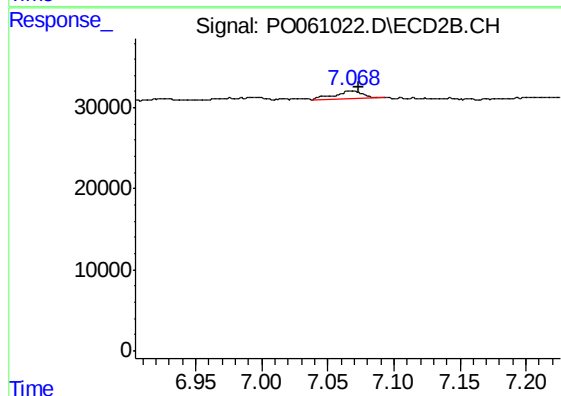
#34 AR-1260-4

R.T.: 6.830 min  
Delta R.T.: -0.005 min  
Response: 5520  
Conc: 2.58 ng/ml



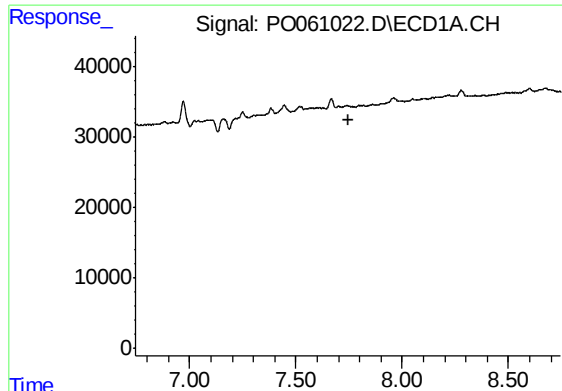
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.279 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

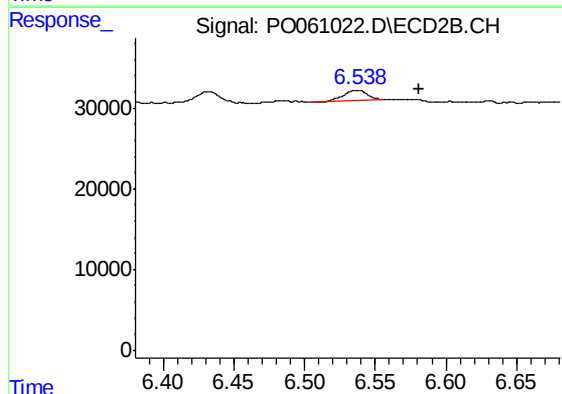
R.T.: 7.068 min  
Delta R.T.: -0.005 min  
Response: 15346  
Conc: 3.18 ng/ml



#36 AR-1262-1

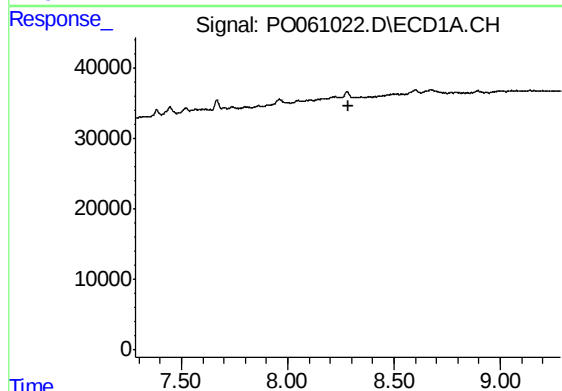
R.T.: 0.000 min  
Exp R.T. : 7.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



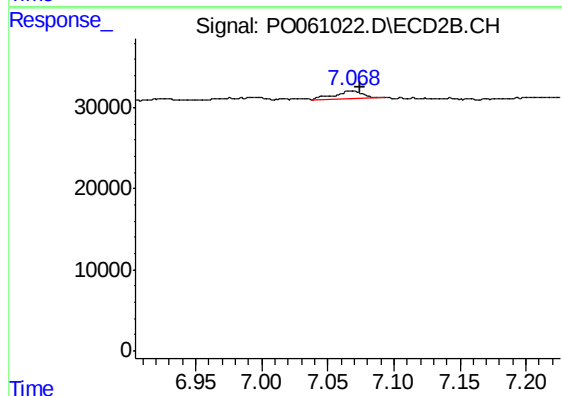
#36 AR-1262-1

R.T.: 6.538 min  
Delta R.T.: -0.043 min  
Response: 15389  
Conc: 5.15 ng/ml



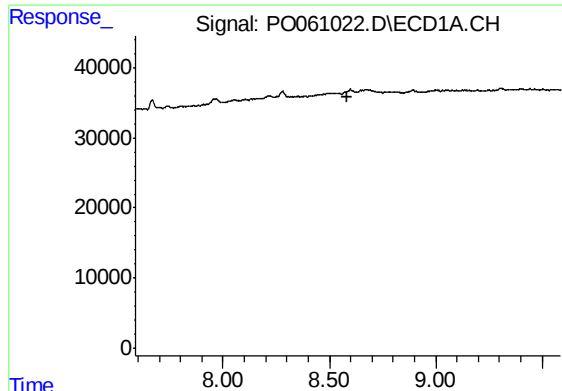
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.283 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

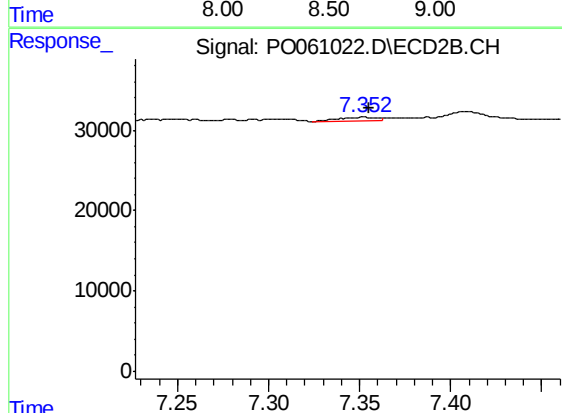
R.T.: 7.068 min  
Delta R.T.: -0.006 min  
Response: 15346  
Conc: 2.95 ng/ml



#38 AR-1262-3

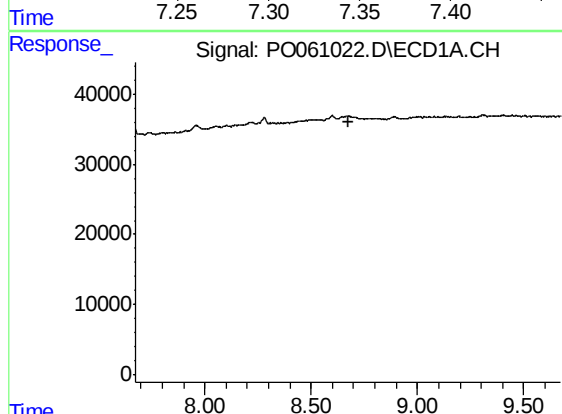
R.T.: 0.000 min  
Exp R.T.: 8.587 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



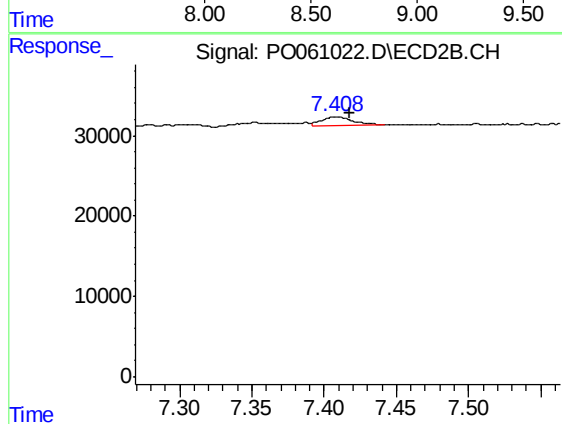
#38 AR-1262-3

R.T.: 7.352 min  
Delta R.T.: -0.003 min  
Response: 6560  
Conc: 3.09 ng/ml



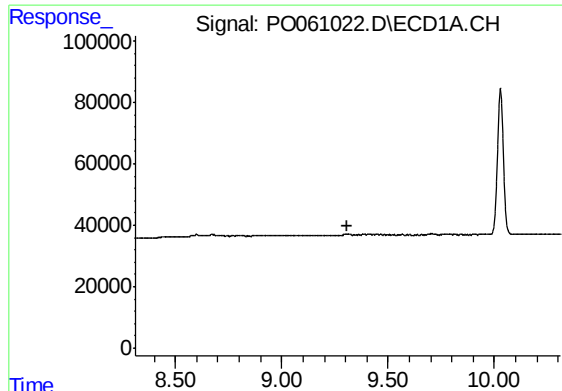
#39 AR-1262-4

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



#39 AR-1262-4

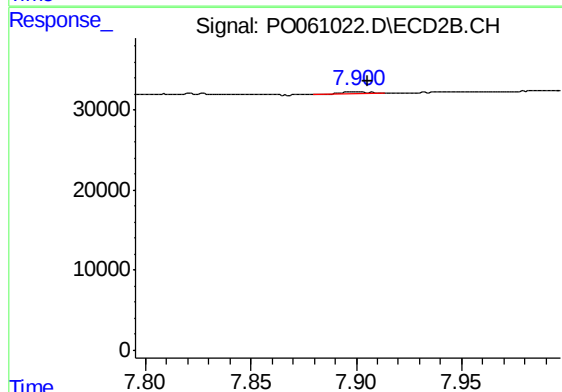
R.T.: 7.408 min  
Delta R.T.: -0.010 min  
Response: 15480  
Conc: 4.05 ng/ml



#40 AR-1262-5

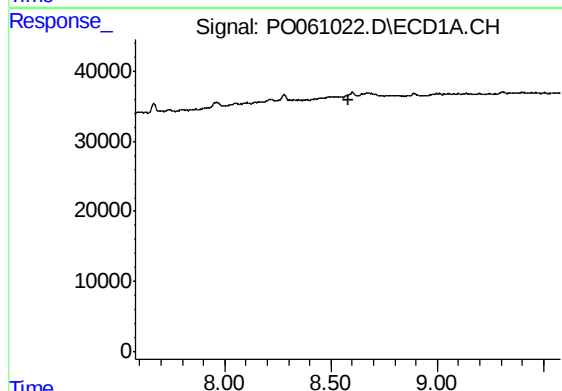
R.T.: 0.000 min  
Exp R.T. : 9.311 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



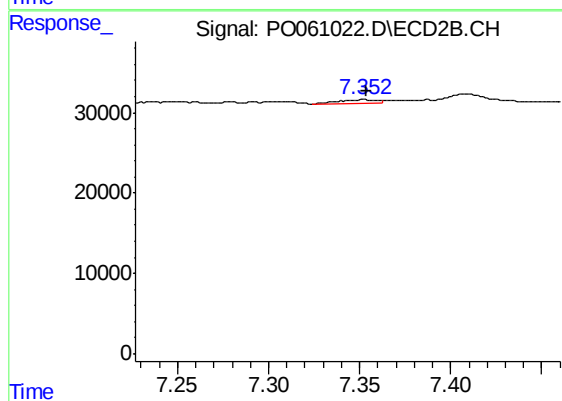
#40 AR-1262-5

R.T.: 7.901 min  
Delta R.T.: -0.005 min  
Response: 2470  
Conc: 1.48 ng/ml



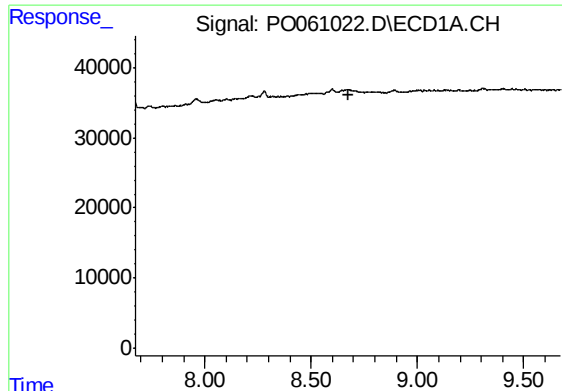
#41 AR-1268-1

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



#41 AR-1268-1

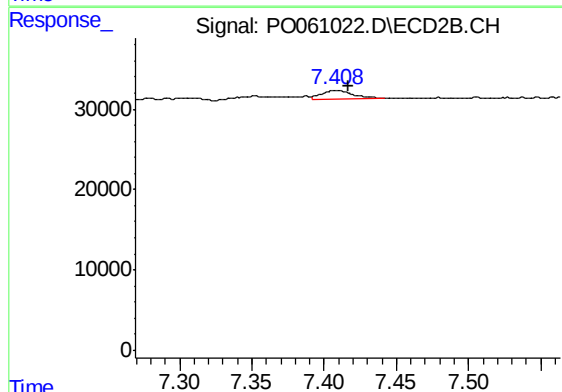
R.T.: 7.352 min  
Delta R.T.: -0.001 min  
Response: 6560  
Conc: 1.12 ng/ml



#42 AR-1268-2

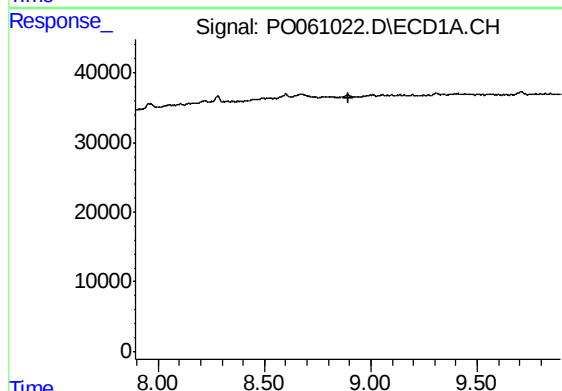
R.T.: 0.000 min  
Exp R.T. : 8.673 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



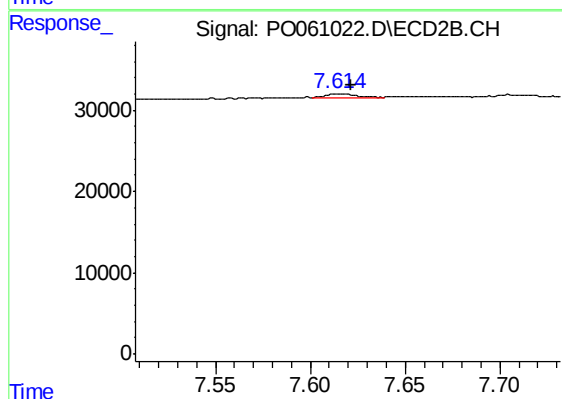
#42 AR-1268-2

R.T.: 7.408 min  
Delta R.T.: -0.009 min  
Response: 15480  
Conc: 2.90 ng/ml



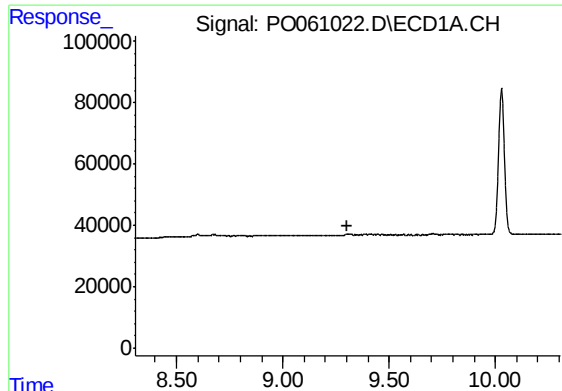
#43 AR-1268-3

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



#43 AR-1268-3

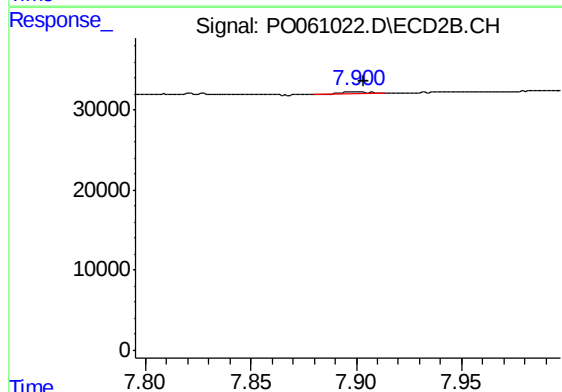
R.T.: 7.614 min  
Delta R.T.: -0.007 min  
Response: 5256  
Conc: 1.19 ng/ml



#44 AR-1268-4

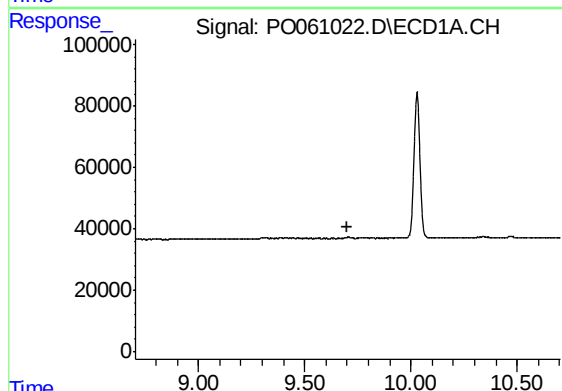
R.T.: 0.000 min  
Exp R.T. : 9.306 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



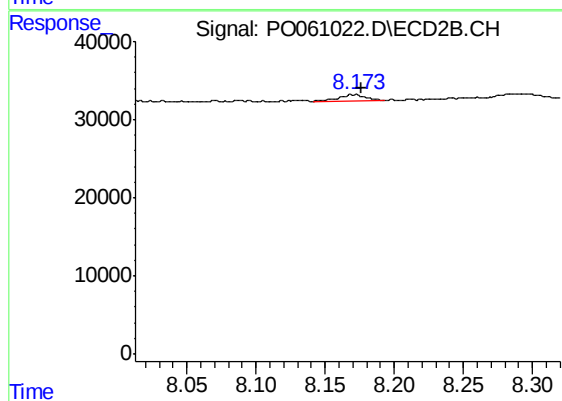
#44 AR-1268-4

R.T.: 7.901 min  
Delta R.T.: -0.003 min  
Response: 2470  
Conc: 1.29 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.: -0.004 min  
Response: 10064  
Conc: 0.84 ng/ml