

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0022520\  
 Data File : P0066817.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 Feb 2020 15:53  
 Operator : DD\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: Feb 26 00:37:45 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0022120.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Feb 21 14:58:30 2020  
 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... | 4.128 | 3.414 | 689786 | 780615 | 16.415  | 14.452   |
| 2)                          | SA Decachlor... | 9.606 | 8.298 | 850176 | 856348 | 20.717  | 15.410 # |
| Target Compounds            |                 |       |       |        |        |         |          |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.404 | 0      | 4047   | N.D.    | 2.518 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.705 | 0      | 16995  | N.D.    | 12.235 # |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.705 | 0      | 16995  | N.D.    | 14.706 # |
| 7)                          | L1 AR-1016-5    | 5.754 | 0.000 | 682000 | 0      | 642.582 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 0.000 | 3.704 | 0      | 11885  | N.D.    | 31.258 # |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.704 | 0      | 11885  | N.D.    | 9.982 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.704 | 0      | 11885  | N.D.    | 12.592 # |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.705 | 0      | 16995  | N.D.    | 32.121 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.731 | 0      | 4369   | N.D.    | 8.639 #  |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.404 | 0      | 4047   | N.D.    | 3.850 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.705 | 0      | 16995  | N.D.    | 18.007 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.731 | 0      | 4369   | N.D.    | 4.655 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.251 | 0      | 13715  | N.D.    | 10.068 # |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.404 | 0      | 4047   | N.D.    | 4.889 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.705 | 0      | 16995  | N.D.    | 12.868 # |
| 23)                         | L5 AR-1248-3    | 5.754 | 4.731 | 682000 | 4369   | 543.402 | 3.229 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.277 | 0      | 35541  | N.D.    | 17.371 # |
| 26)                         | L6 AR-1254-1    | 0.000 | 5.251 | 0      | 13715  | N.D.    | 4.863 #  |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.361 | 0      | 14873  | N.D.    | 6.191 #  |
| 28)                         | L6 AR-1254-3    | 0.000 | 5.799 | 0      | 10788  | N.D.    | 2.797 #  |
| 29)                         | L6 AR-1254-4    | 0.000 | 6.002 | 0      | 22995  | N.D.    | 9.600 #  |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.455 | 0      | 12445  | N.D.    | 3.486 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.881 | 0      | 6973   | N.D.    | 2.340 #  |
| 32)                         | L7 AR-1260-2    | 0.000 | 6.101 | 0      | 41124  | N.D.    | 10.379 # |
| 33)                         | L7 AR-1260-3    | 7.529 | 6.317 | 156998 | 52485  | 52.510  | 14.905 # |
| 34)                         | L7 AR-1260-4    | 7.682 | 0.000 | 108357 | 0      | 43.134  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 7.953 | 7.009 | 177488 | -13956 | 28.696  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 7.529 | 6.455 | 156998 | 12445  | 40.430  | 6.455 #  |
| 37)                         | L8 AR-1262-2    | 7.953 | 7.009 | 177488 | -13956 | 28.275  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.311 | 0      | 4747   | N.D.    | 0.826 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.311 | 0      | 4747   | N.D.    | 0.522 #  |
| 43)                         | L9 AR-1268-3    | 8.566 | 7.512 | 20251  | 14120  | 3.439   | 1.837 #  |
| 45)                         | L9 AR-1268-5    | 9.244 | 8.073 | 199054 | 6758   | 12.057  | 0.312 #  |
| -----                       |                 |       |       |        |        |         |          |

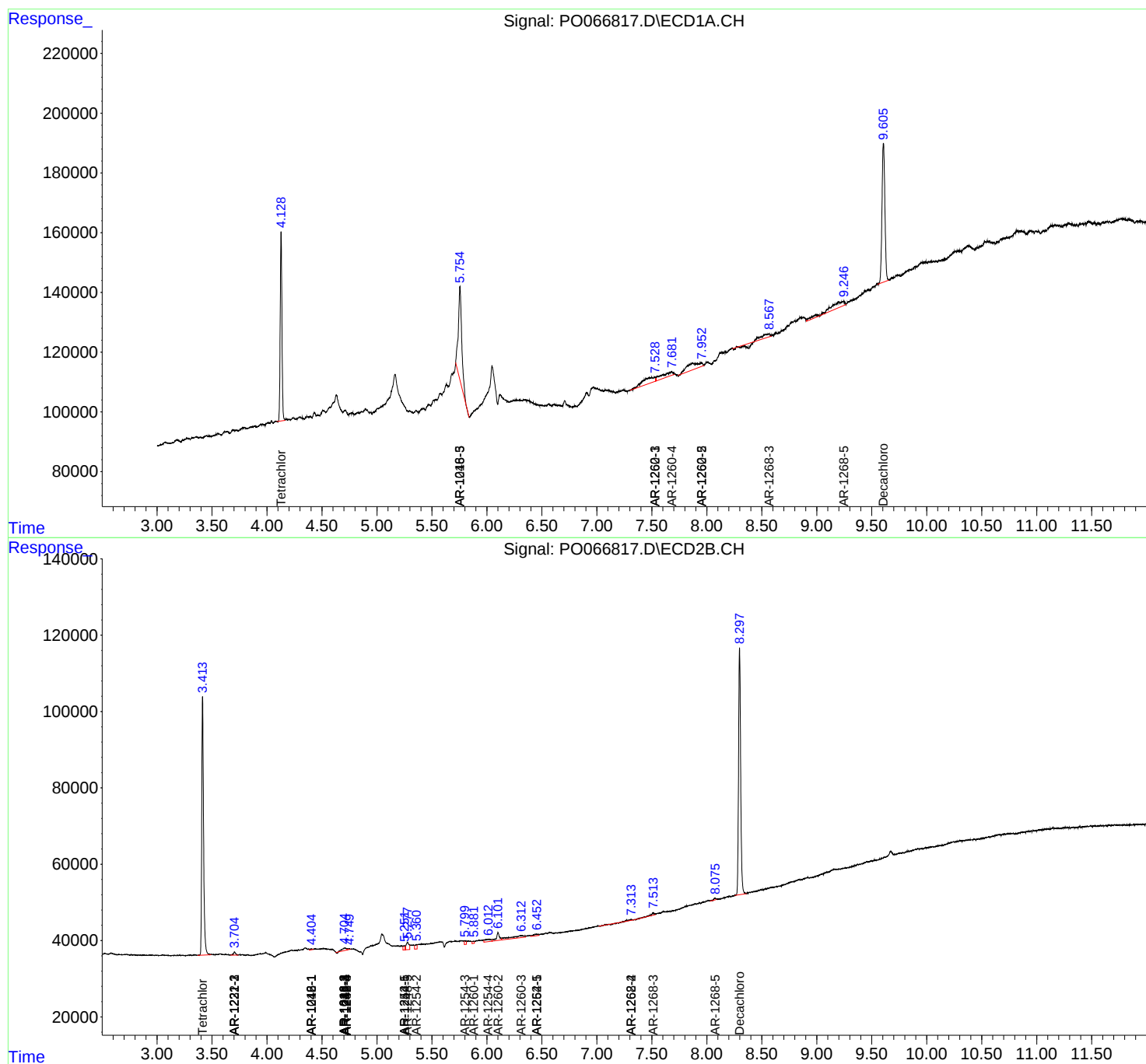
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

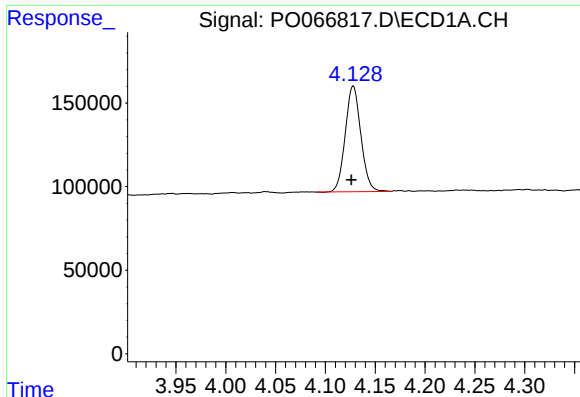
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0022520\  
Data File : P0066817.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 Feb 2020 15:53  
Operator : DD\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 26 00:37:45 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0022120.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Feb 21 14:58:30 2020  
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

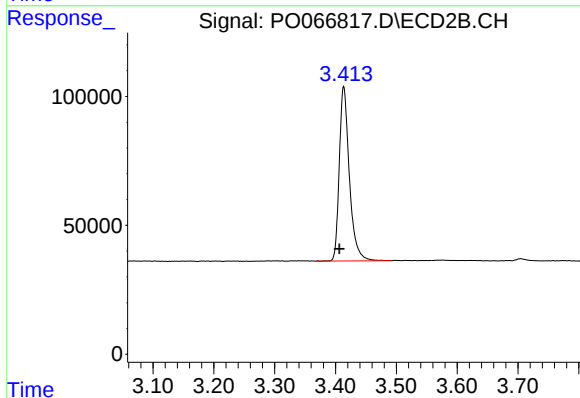




#1 Tetrachloro-m-xylene

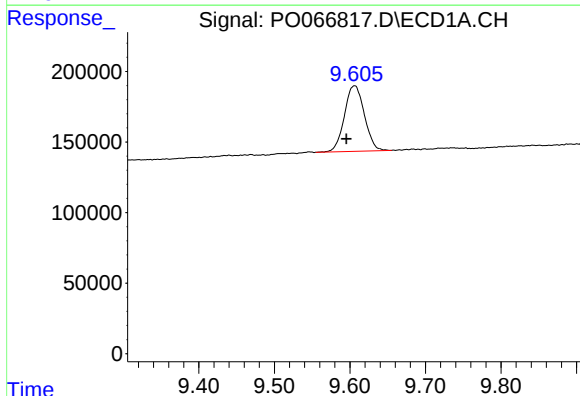
R.T.: 4.128 min  
Delta R.T.: 0.002 min  
Response: 689786  
Conc: 16.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



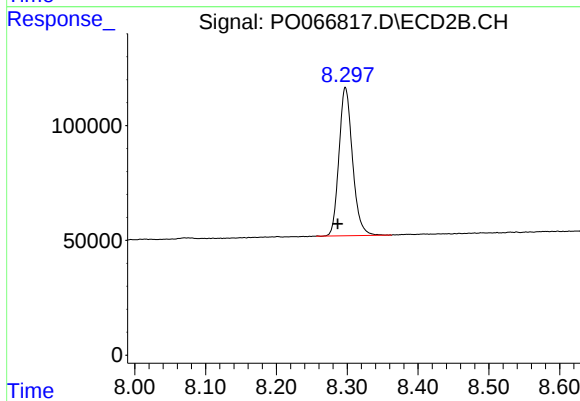
#1 Tetrachloro-m-xylene

R.T.: 3.414 min  
Delta R.T.: 0.007 min  
Response: 780615  
Conc: 14.45 ng/ml



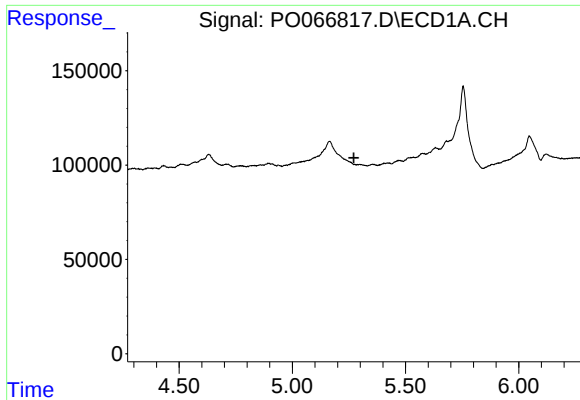
#2 Decachlorobiphenyl

R.T.: 9.606 min  
Delta R.T.: 0.011 min  
Response: 850176  
Conc: 20.72 ng/ml



#2 Decachlorobiphenyl

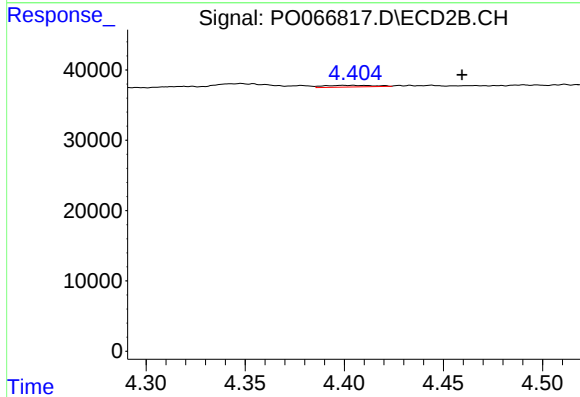
R.T.: 8.298 min  
Delta R.T.: 0.011 min  
Response: 856348  
Conc: 15.41 ng/ml



#3 AR-1016-1

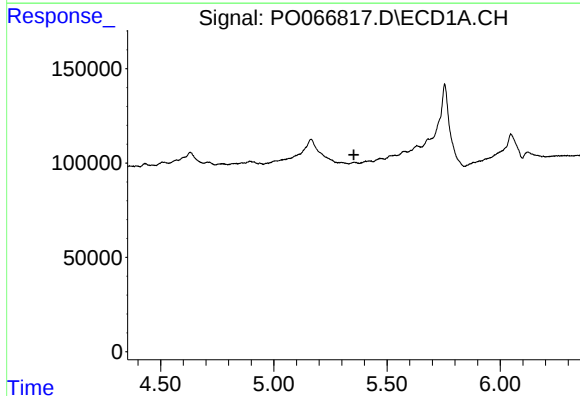
R.T.: 0.000 min  
Exp R.T.: 5.272 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



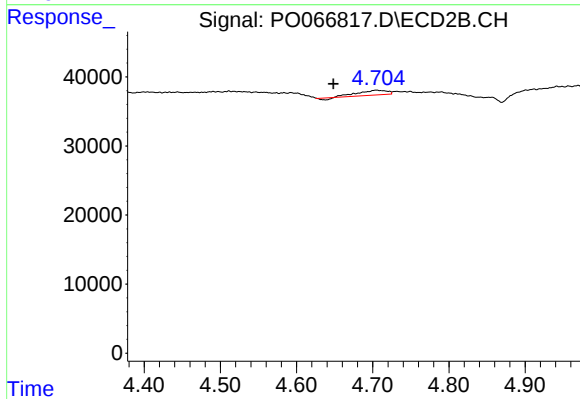
#3 AR-1016-1

R.T.: 4.404 min  
Delta R.T.: -0.055 min  
Response: 4047  
Conc: 2.52 ng/ml



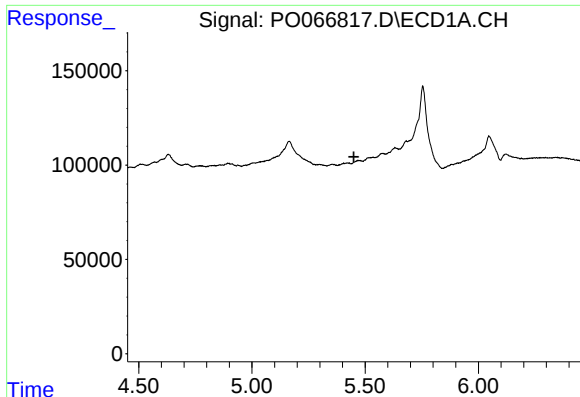
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.354 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

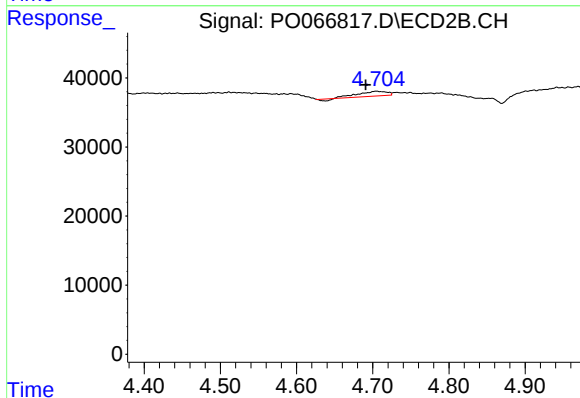
R.T.: 4.705 min  
Delta R.T.: 0.056 min  
Response: 16995  
Conc: 12.23 ng/ml



#6 AR-1016-4

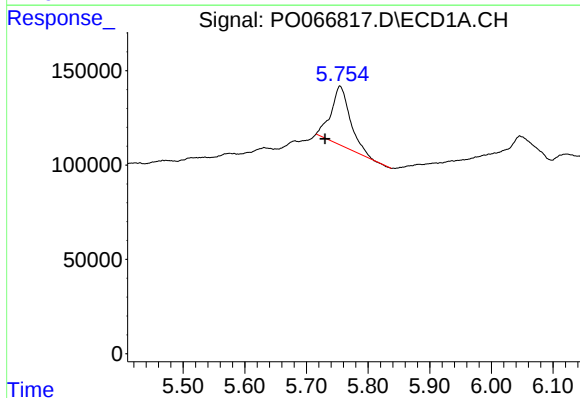
R.T.: 0.000 min  
Exp R.T.: 5.450 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



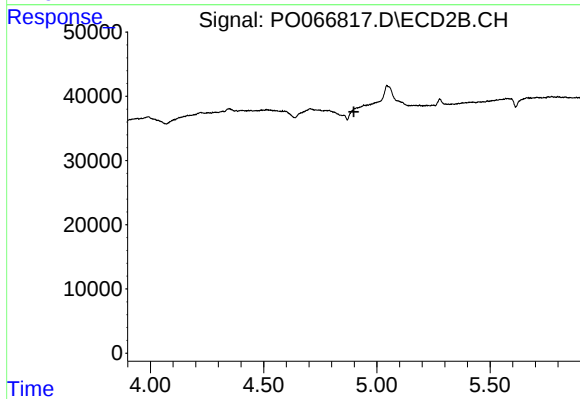
#6 AR-1016-4

R.T.: 4.705 min  
Delta R.T.: 0.014 min  
Response: 16995  
Conc: 14.71 ng/ml



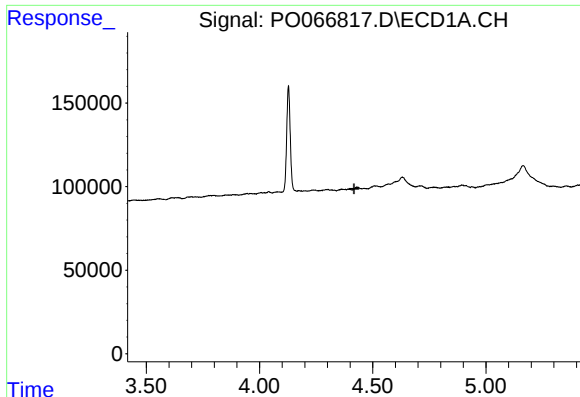
#7 AR-1016-5

R.T.: 5.754 min  
Delta R.T.: 0.024 min  
Response: 682000  
Conc: 642.58 ng/ml



#7 AR-1016-5

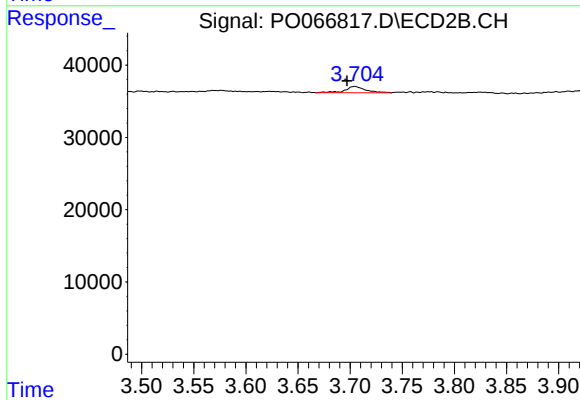
R.T.: 0.000 min  
Exp R.T.: 4.899 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

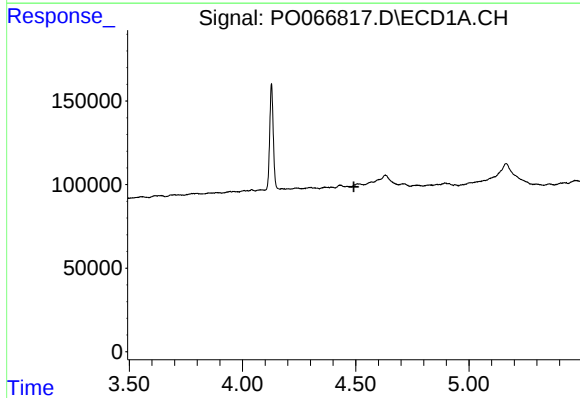
R.T.: 0.000 min  
Exp R.T. : 4.417 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



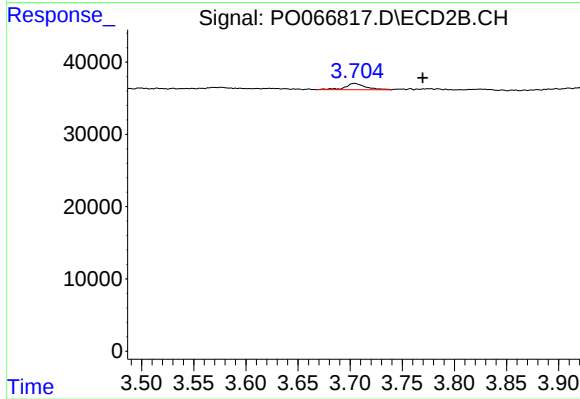
#9 AR-1221-2

R.T.: 3.704 min  
Delta R.T.: 0.007 min  
Response: 11885  
Conc: 31.26 ng/ml



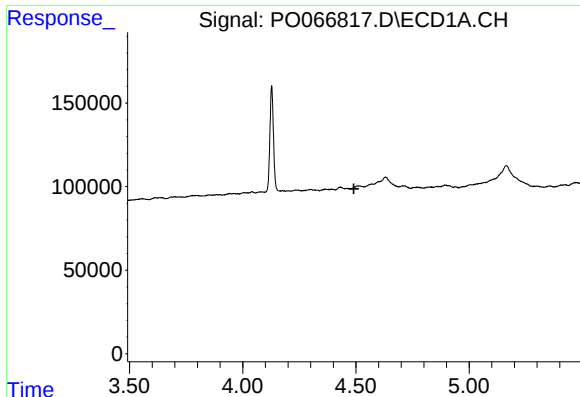
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.492 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

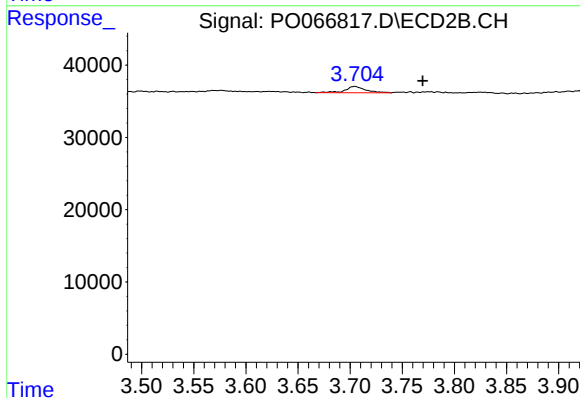
R.T.: 3.704 min  
Delta R.T.: -0.065 min  
Response: 11885  
Conc: 9.98 ng/ml



#11 AR-1232-1

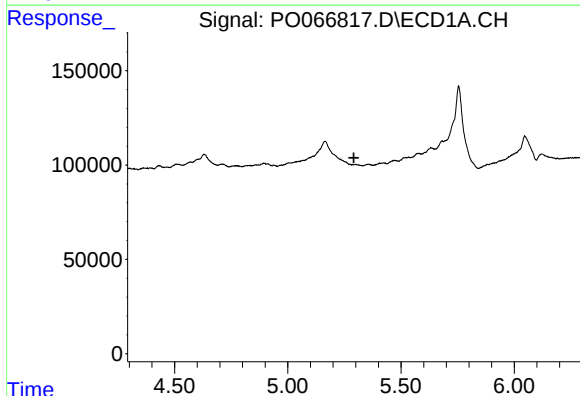
R.T.: 0.000 min  
Exp R.T. : 4.491 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



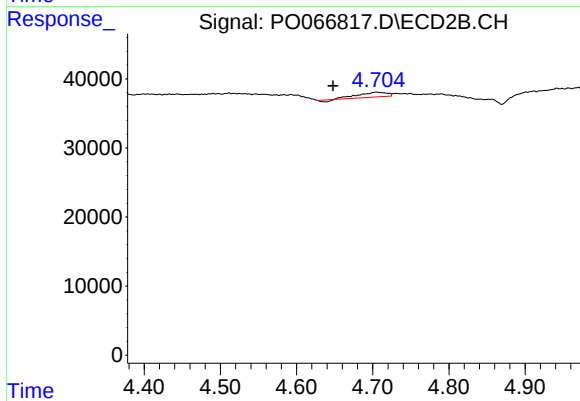
#11 AR-1232-1

R.T.: 3.704 min  
Delta R.T.: -0.065 min  
Response: 11885  
Conc: 12.59 ng/ml



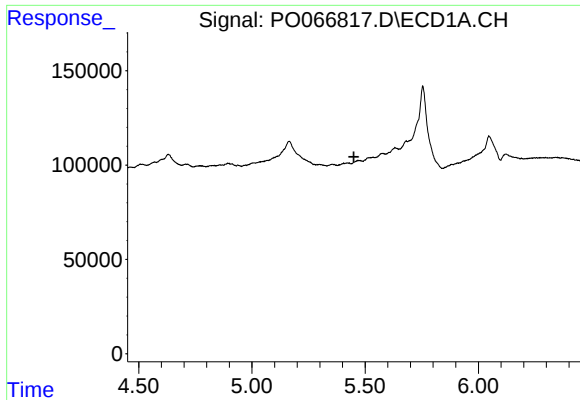
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.292 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

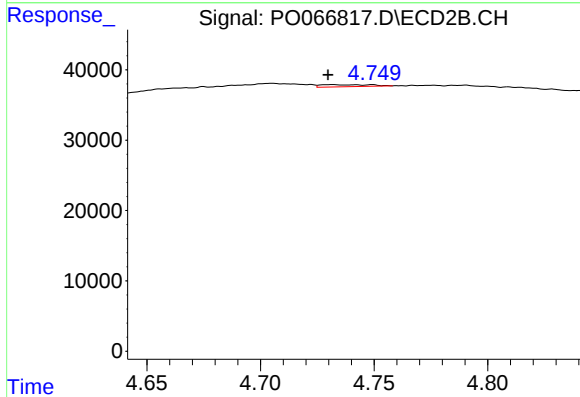
R.T.: 4.705 min  
Delta R.T.: 0.057 min  
Response: 16995  
Conc: 32.12 ng/ml



#14 AR-1232-4

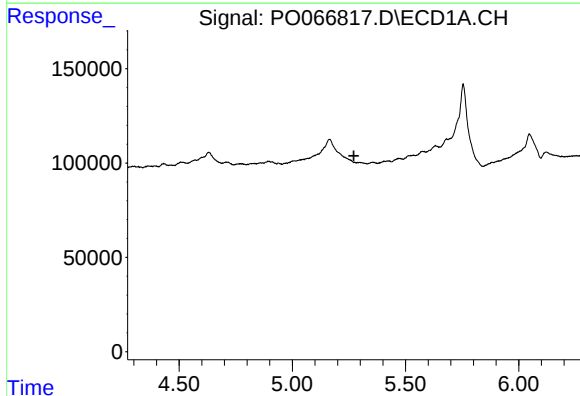
R.T.: 0.000 min  
Exp R.T.: 5.450 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



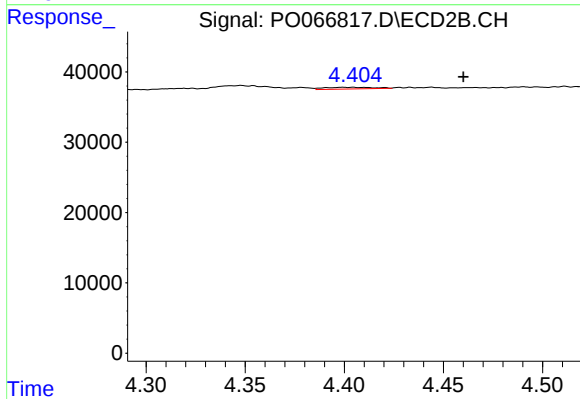
#14 AR-1232-4

R.T.: 4.731 min  
Delta R.T.: 0.001 min  
Response: 4369  
Conc: 8.64 ng/ml



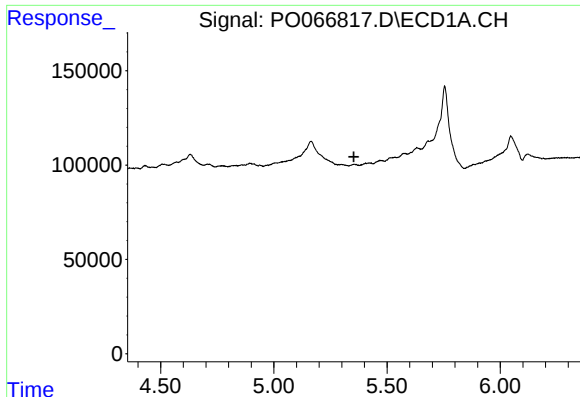
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.272 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

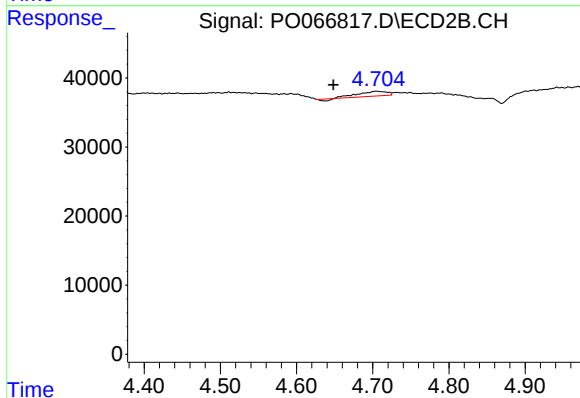
R.T.: 4.404 min  
Delta R.T.: -0.056 min  
Response: 4047  
Conc: 3.85 ng/ml



#18 AR-1242-3

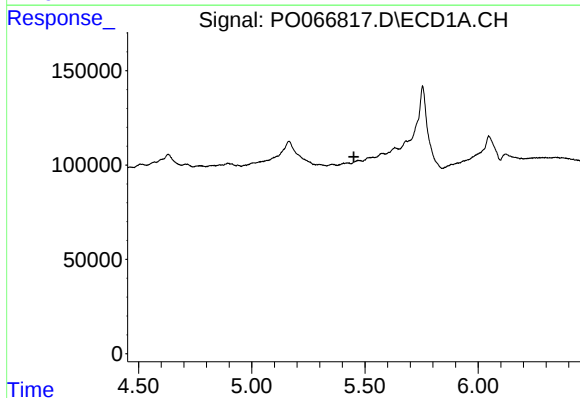
R.T.: 0.000 min  
Exp R.T.: 5.353 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



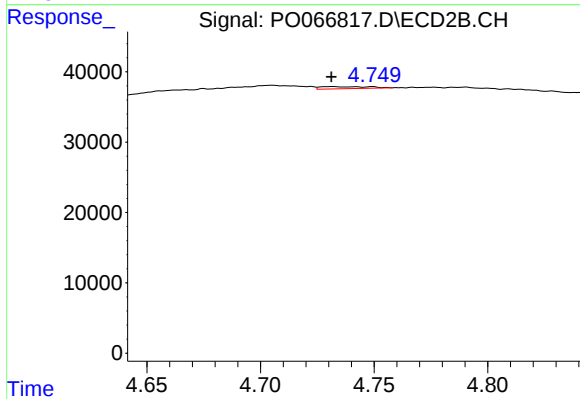
#18 AR-1242-3

R.T.: 4.705 min  
Delta R.T.: 0.056 min  
Response: 16995  
Conc: 18.01 ng/ml



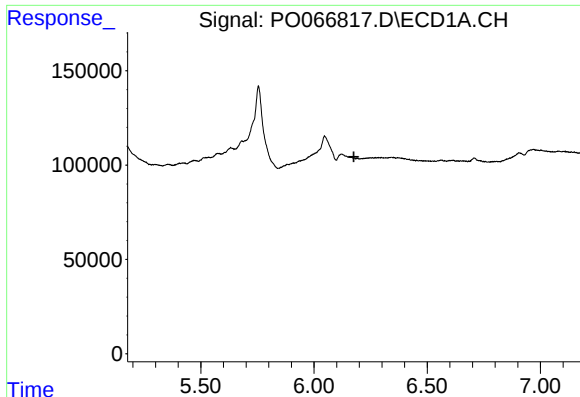
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.451 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

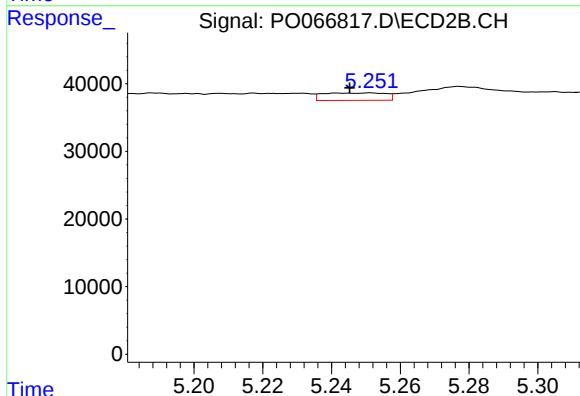
R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 4369  
Conc: 4.65 ng/ml



#20 AR-1242-5

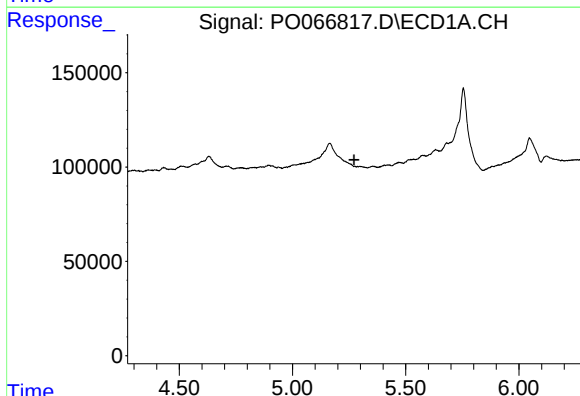
R.T.: 0.000 min  
Exp R.T.: 6.176 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



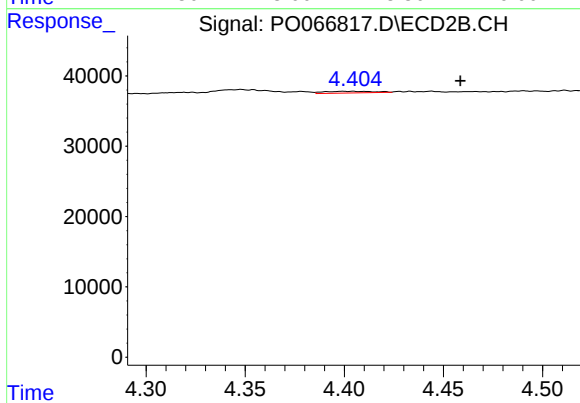
#20 AR-1242-5

R.T.: 5.251 min  
Delta R.T.: 0.006 min  
Response: 13715  
Conc: 10.07 ng/ml



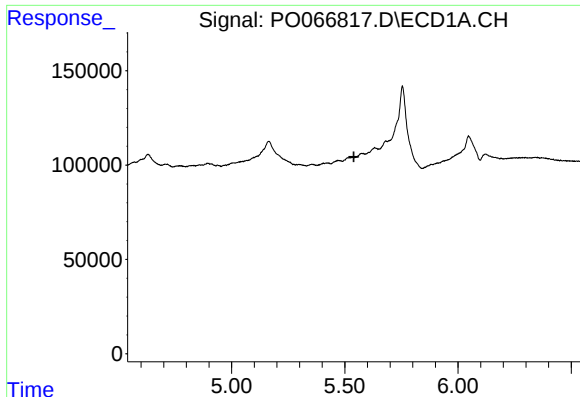
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.271 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

R.T.: 4.404 min  
Delta R.T.: -0.054 min  
Response: 4047  
Conc: 4.89 ng/ml



#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.540 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

#22 AR-1248-2

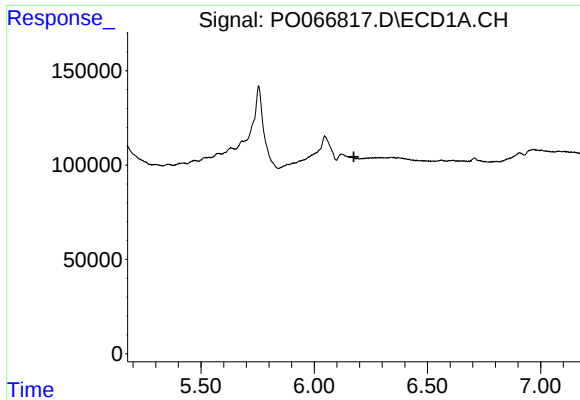
R.T.: 4.705 min  
Delta R.T.: 0.015 min  
Response: 16995  
Conc: 12.87 ng/ml

#23 AR-1248-3

R.T.: 5.754 min  
Delta R.T.: 0.015 min  
Response: 682000  
Conc: 543.40 ng/ml

#23 AR-1248-3

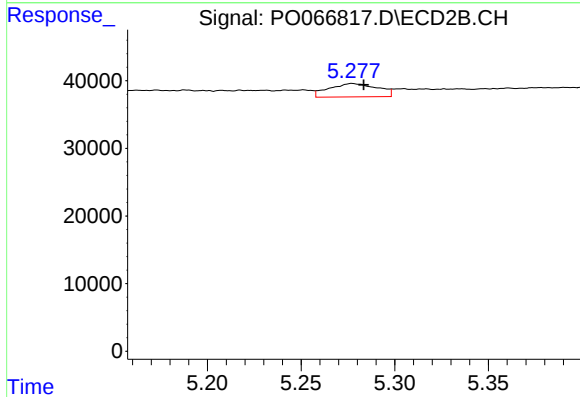
R.T.: 4.731 min  
Delta R.T.: 0.001 min  
Response: 4369  
Conc: 3.23 ng/ml



#25 AR-1248-5

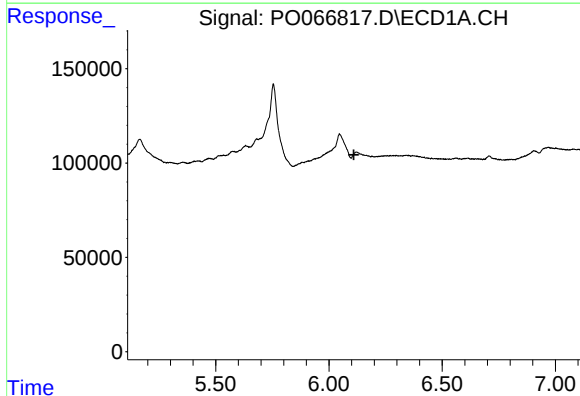
R.T.: 0.000 min  
Exp R.T.: 6.175 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



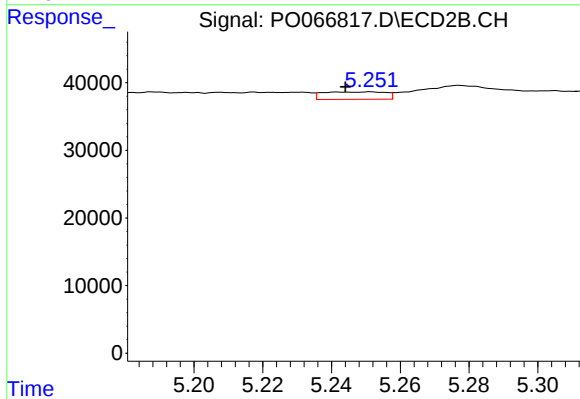
#25 AR-1248-5

R.T.: 5.277 min  
Delta R.T.: -0.006 min  
Response: 35541  
Conc: 17.37 ng/ml



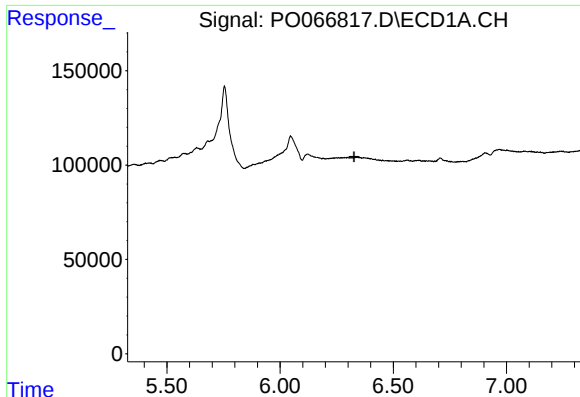
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.110 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

R.T.: 5.251 min  
Delta R.T.: 0.007 min  
Response: 13715  
Conc: 4.86 ng/ml



#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.326 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

#27 AR-1254-2

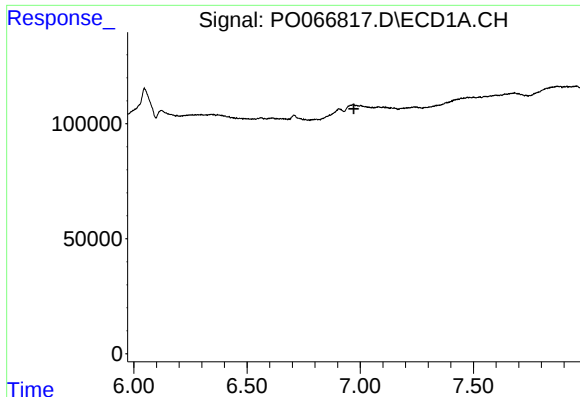
R.T.: 5.361 min  
Delta R.T.: -0.029 min  
Response: 14873  
Conc: 6.19 ng/ml

#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.689 min  
Response: 0  
Conc: N.D.

#28 AR-1254-3

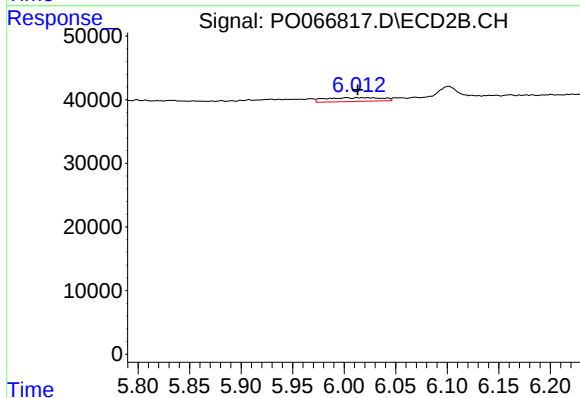
R.T.: 5.799 min  
Delta R.T.: 0.013 min  
Response: 10788  
Conc: 2.80 ng/ml



#29 AR-1254-4

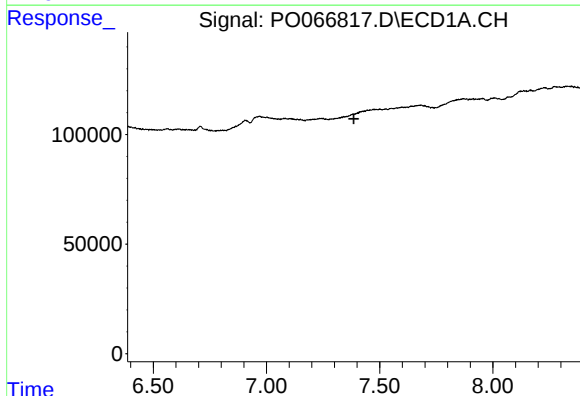
R.T.: 0.000 min  
Exp R.T.: 6.972 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



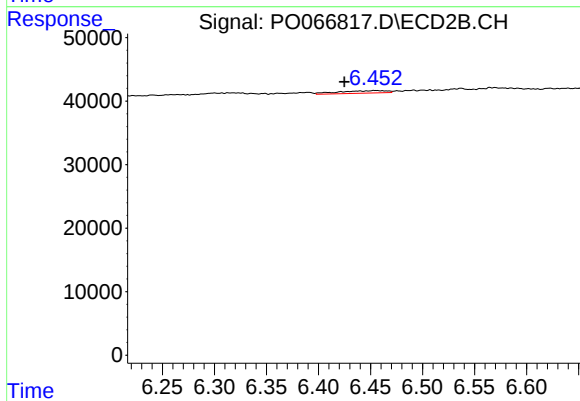
#29 AR-1254-4

R.T.: 6.002 min  
Delta R.T.: -0.011 min  
Response: 22995  
Conc: 9.60 ng/ml



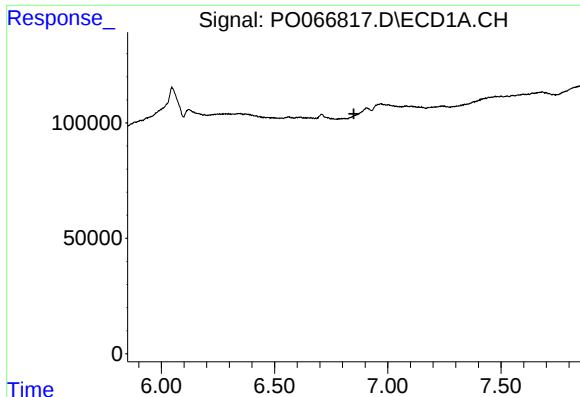
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.386 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

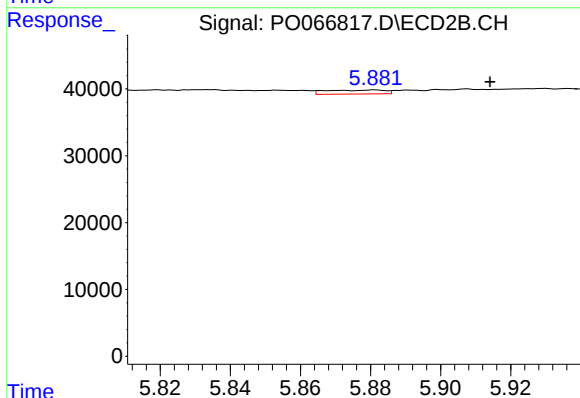
R.T.: 6.455 min  
Delta R.T.: 0.030 min  
Response: 12445  
Conc: 3.49 ng/ml



#31 AR-1260-1

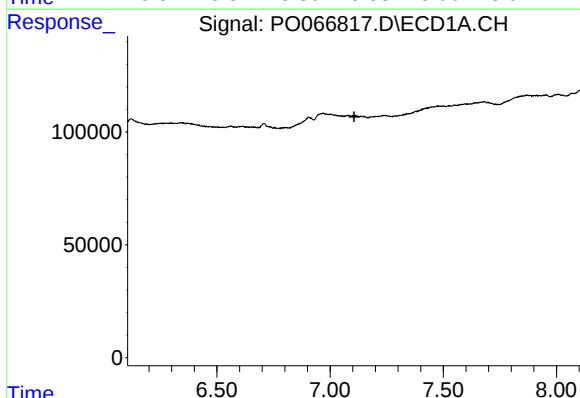
R.T.: 0.000 min  
Exp R.T.: 6.850 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



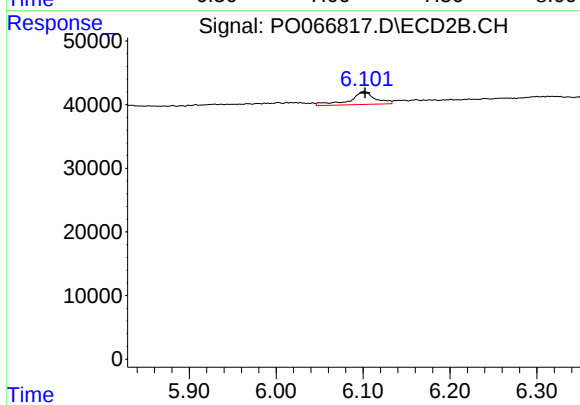
#31 AR-1260-1

R.T.: 5.881 min  
Delta R.T.: -0.033 min  
Response: 6973  
Conc: 2.34 ng/ml



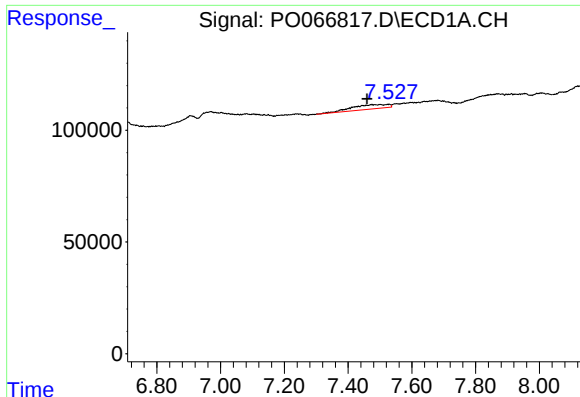
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.106 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

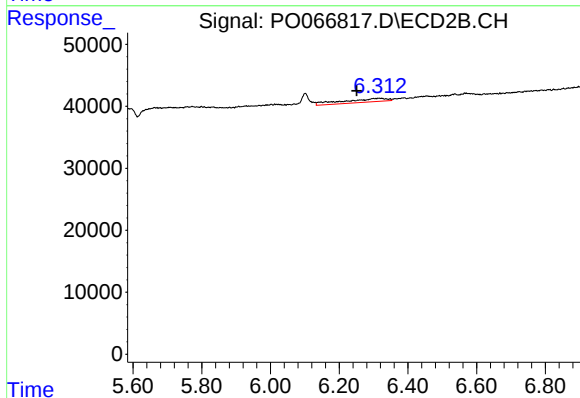
R.T.: 6.101 min  
Delta R.T.: -0.001 min  
Response: 41124  
Conc: 10.38 ng/ml



#33 AR-1260-3

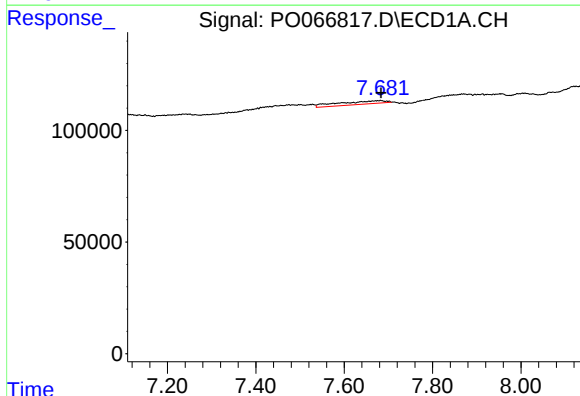
R.T.: 7.529 min  
Delta R.T.: 0.069 min  
Response: 156998  
Conc: 52.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



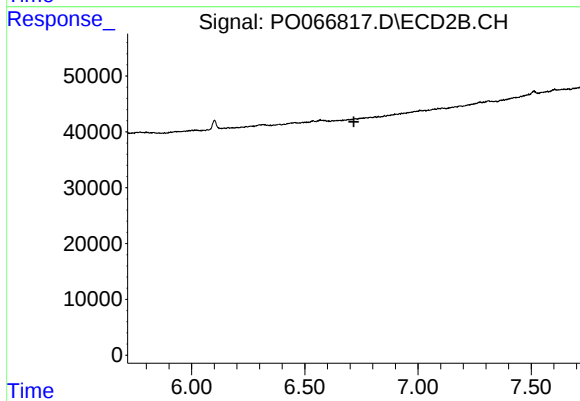
#33 AR-1260-3

R.T.: 6.317 min  
Delta R.T.: 0.065 min  
Response: 52485  
Conc: 14.91 ng/ml



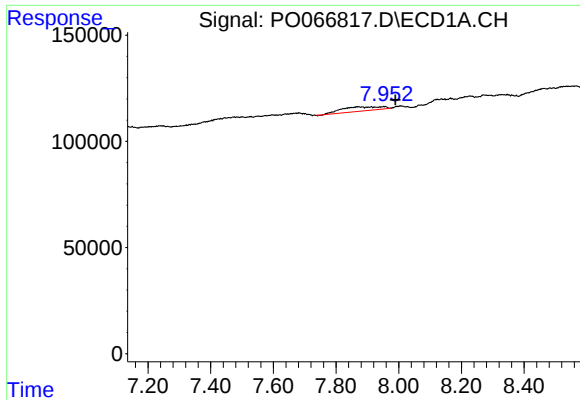
#34 AR-1260-4

R.T.: 7.682 min  
Delta R.T.: 0.000 min  
Response: 108357  
Conc: 43.13 ng/ml



#34 AR-1260-4

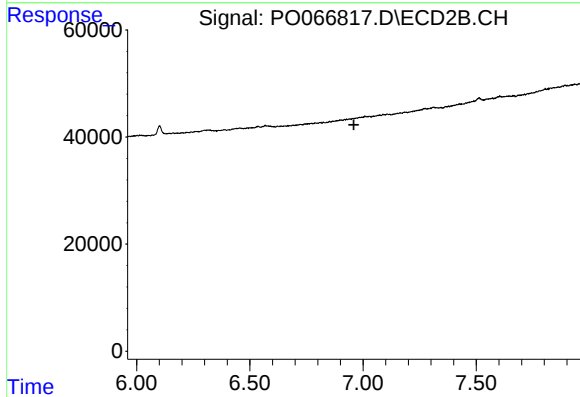
R.T.: 0.000 min  
Exp R.T.: 6.717 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

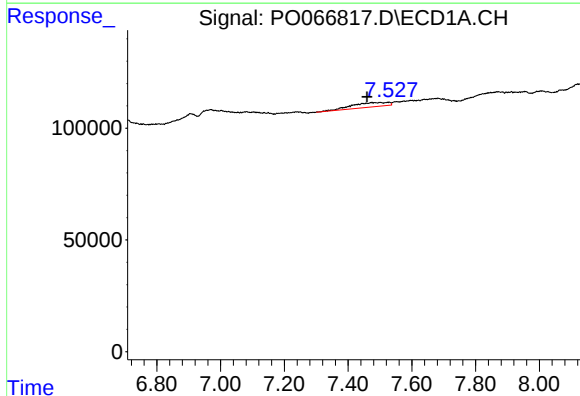
R.T.: 7.953 min  
Delta R.T.: -0.037 min  
Response: 177488  
Conc: 28.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



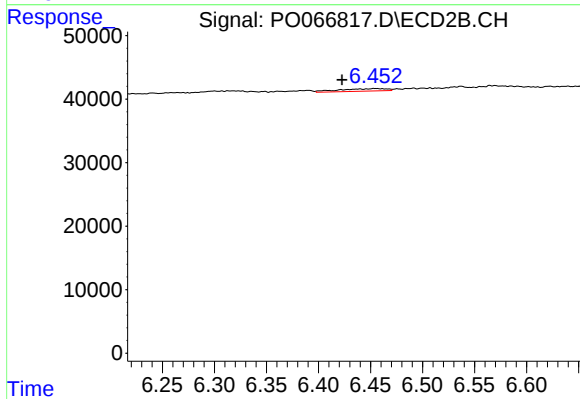
#35 AR-1260-5

R.T.: 7.009 min  
Delta R.T.: 0.050 min  
Response: -13956  
Conc: N.D.



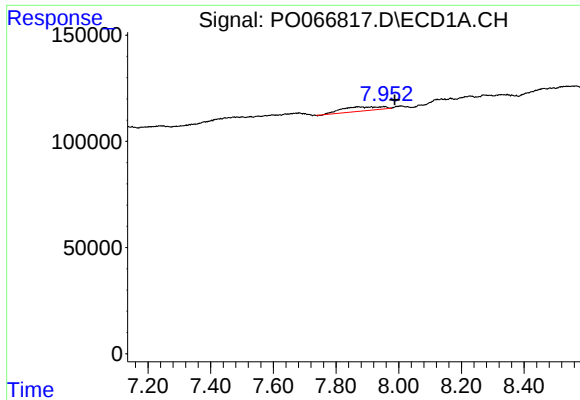
#36 AR-1262-1

R.T.: 7.529 min  
Delta R.T.: 0.069 min  
Response: 156998  
Conc: 40.43 ng/ml



#36 AR-1262-1

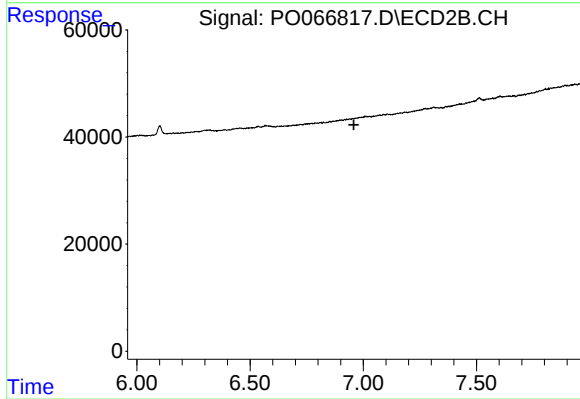
R.T.: 6.455 min  
Delta R.T.: 0.032 min  
Response: 12445  
Conc: 6.45 ng/ml



#37 AR-1262-2

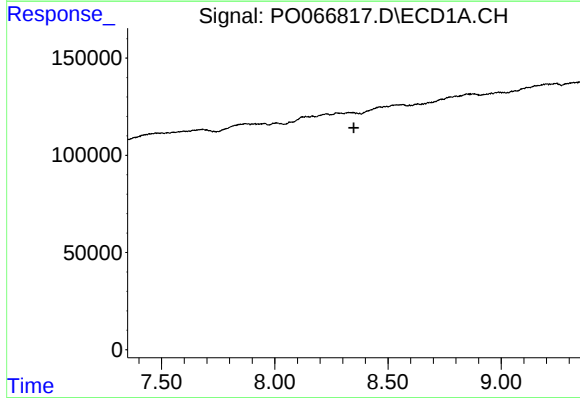
R.T.: 7.953 min  
Delta R.T.: -0.035 min  
Response: 177488  
Conc: 28.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



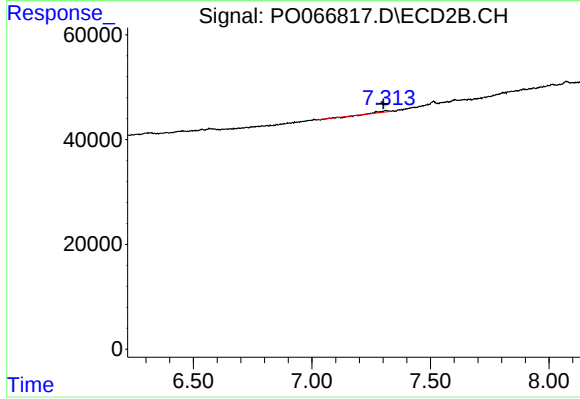
#37 AR-1262-2

R.T.: 7.009 min  
Delta R.T.: 0.051 min  
Response: -13956  
Conc: N.D.



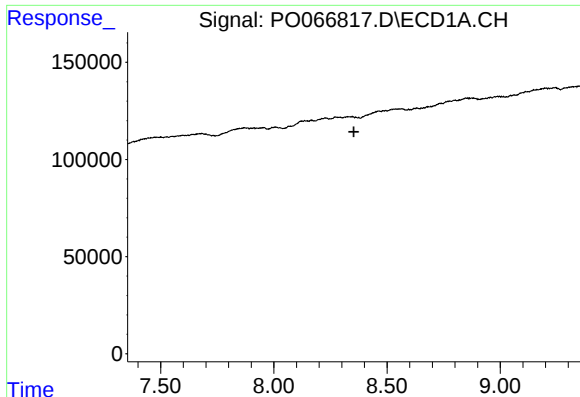
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.349 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

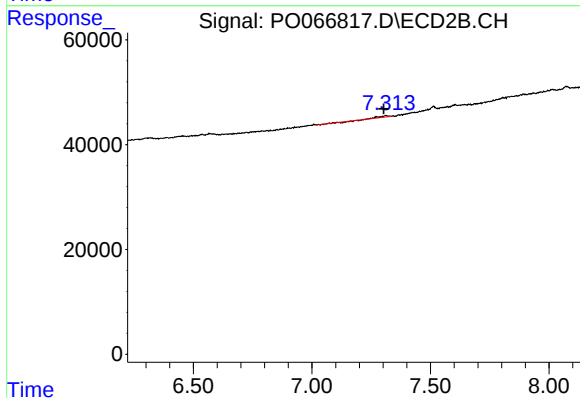
R.T.: 7.311 min  
Delta R.T.: 0.010 min  
Response: 4747  
Conc: 0.83 ng/ml



#42 AR-1268-2

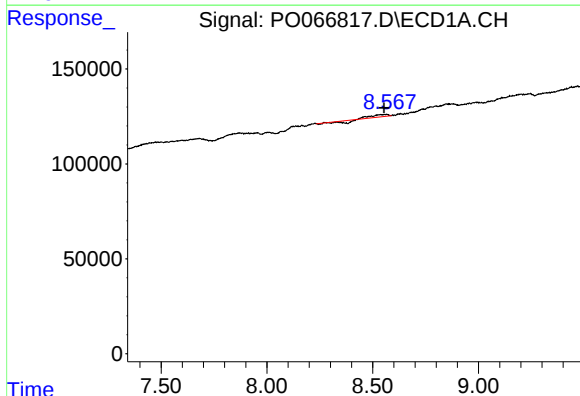
R.T.: 0.000 min  
Exp R.T.: 8.354 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



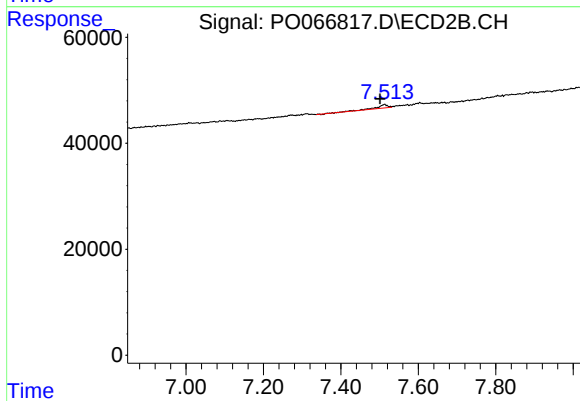
#42 AR-1268-2

R.T.: 7.311 min  
Delta R.T.: 0.009 min  
Response: 4747  
Conc: 0.52 ng/ml



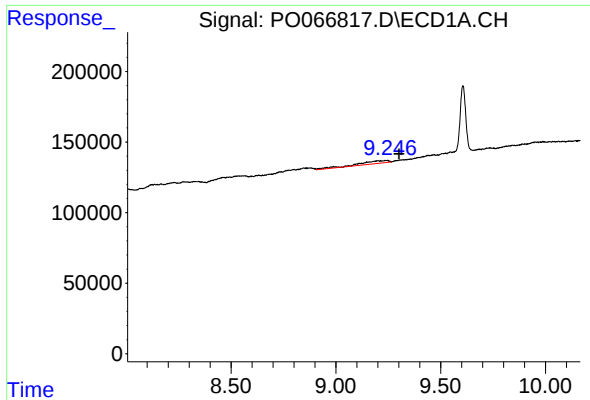
#43 AR-1268-3

R.T.: 8.566 min  
Delta R.T.: 0.013 min  
Response: 20251  
Conc: 3.44 ng/ml



#43 AR-1268-3

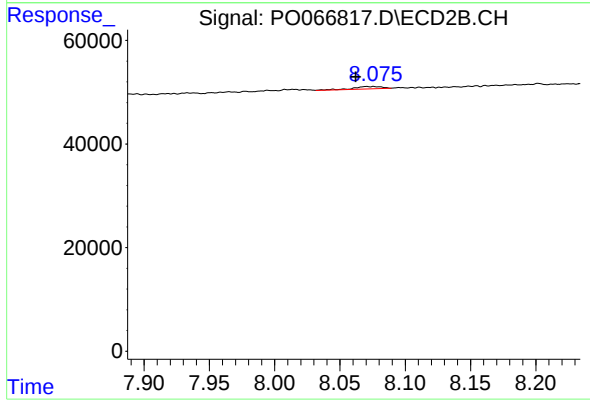
R.T.: 7.512 min  
Delta R.T.: 0.011 min  
Response: 14120  
Conc: 1.84 ng/ml



#45 AR-1268-5

R.T.: 9.244 min  
Delta R.T.: -0.057 min  
Response: 199054  
Conc: 12.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



#45 AR-1268-5

R.T.: 8.073 min  
Delta R.T.: 0.011 min  
Response: 6758  
Conc: 0.31 ng/ml