

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0081219\  
 Data File : P0059160.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Aug 2019 10:39  
 Operator : SM/SJ  
 Sample : K4227-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 1S-P-(0-1)-COMP

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 13 00:57:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0072819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jul 27 06:49:05 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... | 4.153 | 3.514 | 1108430 | 862254 | 26.264  | 21.583   |
| 2)                          | SA Decachlor... | 9.652 | 8.390 | 912238  | 663566 | 16.845  | 16.811   |
| Target Compounds            |                 |       |       |         |        |         |          |
| 3)                          | L1 AR-1016-1    | 5.371 | 0.000 | 25224   | 0      | 13.460  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.371 | 0.000 | 25224   | 0      | 9.167   | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.423 | 0.000 | 8744    | 0      | 5.150   | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.366 | 0.000 | 284243  | 0      | 625.718 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.454 | 0.000 | 23995   | 0      | 69.595  | N.D. #   |
| 10)                         | L2 AR-1221-3    | 4.504 | 0.000 | 76366   | 0      | 69.640  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.504 | 0.000 | 76366   | 0      | 84.587  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.029 | 0.000 | 35708   | 0      | 72.593  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 5.371 | 0.000 | 25224   | 0      | 23.557  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.591 | 0.000 | 4384    | 0      | 10.743  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.371 | 0.000 | 25224   | 0      | 19.697  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.371 | 0.000 | 25224   | 0      | 13.334  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.423 | 0.000 | 8744    | 0      | 7.454   | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.371 | 0.000 | 25224   | 0      | 24.949  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.591 | 0.000 | 4384    | 0      | 3.032   | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.407 | 0.000 | 18895   | 0      | 4.903   | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.775 | 0.000 | 104160  | 0      | 25.721  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 0.000 | 6.116 | 0       | 218260 | N.D.    | 93.867 # |
| 30)                         | L6 AR-1254-5    | 7.483 | 0.000 | 75288   | 0      | 20.771  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.145 | 6.208 | 218869  | 19086  | 52.612  | 6.300 #  |
| 33)                         | L7 AR-1260-3    | 7.483 | 0.000 | 75288   | 0      | 20.217  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.031 | 0.000 | 79769   | 0      | 10.846  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 7.483 | 0.000 | 75288   | 0      | 14.937  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.031 | 0.000 | 79769   | 0      | 10.022  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 8.396 | 0.000 | 575832  | 0      | 113.277 | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.396 | 0.000 | 575832  | 0      | 151.951 | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.396 | 0.000 | 575832  | 0      | 51.554  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 8.396 | 0.000 | 575832  | 0      | 61.304  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 8.629 | 0.000 | 52794   | 0      | 6.392   | N.D. #   |
| 45)                         | L9 AR-1268-5    | 9.352 | 0.000 | 17061   | 0      | 0.795   | N.D. #   |
| -----                       |                 |       |       |         |        |         |          |

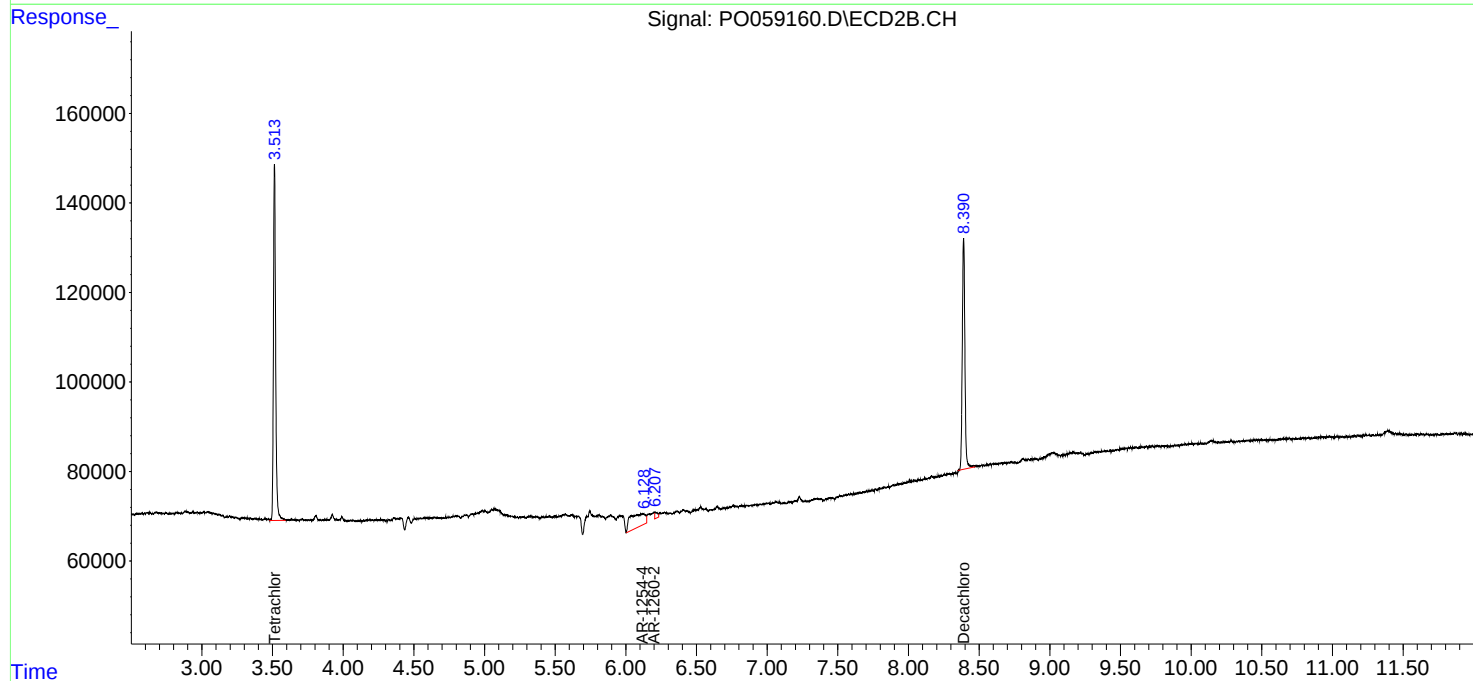
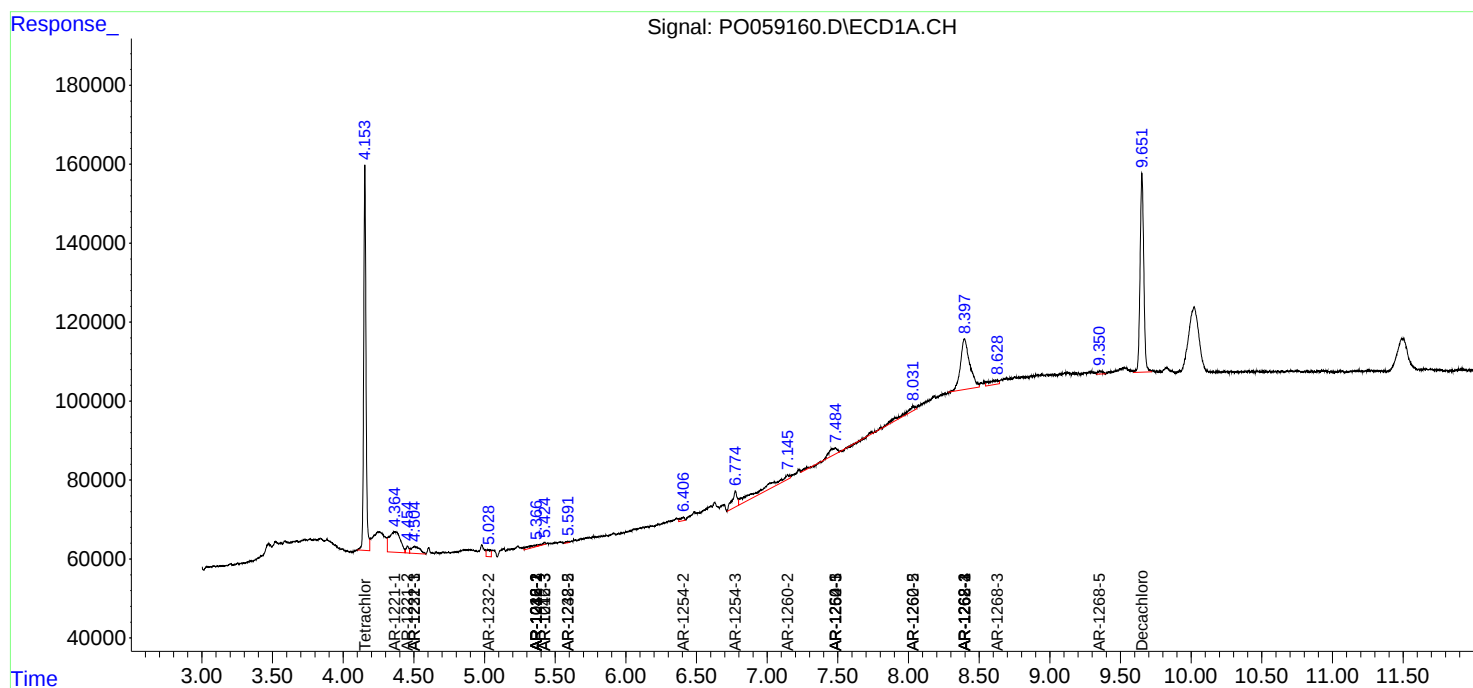
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

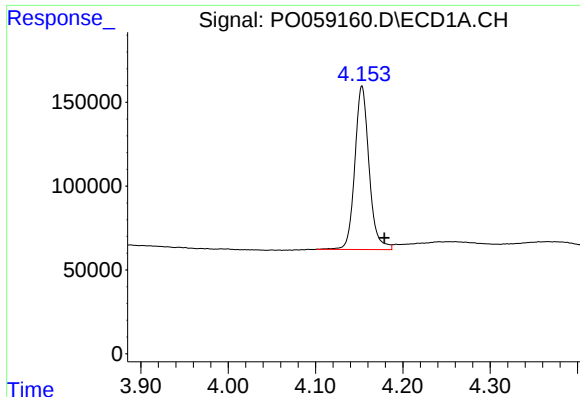
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0081219\  
Data File : P0059160.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Aug 2019 10:39  
Operator : SM/SJ  
Sample : K4227-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 00:57:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Jul 27 06:49:05 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

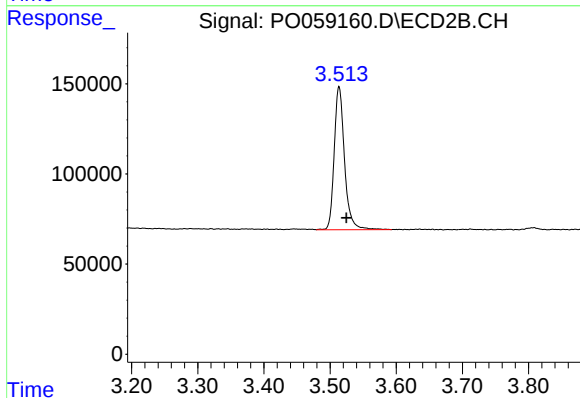




#1 Tetrachloro-m-xylene

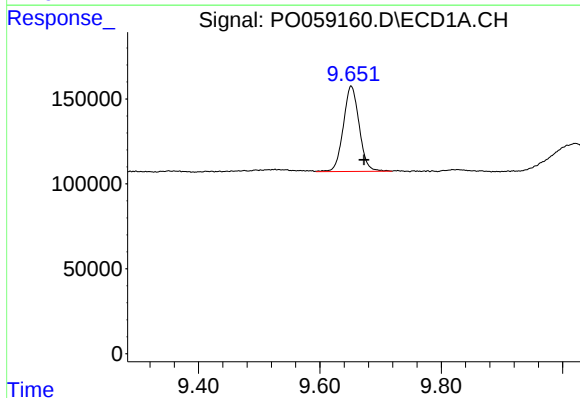
R.T.: 4.153 min  
Delta R.T.: -0.026 min  
Response: 1108430  
Conc: 26.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



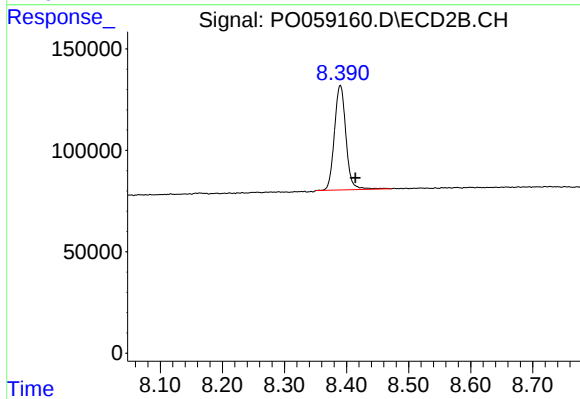
#1 Tetrachloro-m-xylene

R.T.: 3.514 min  
Delta R.T.: -0.011 min  
Response: 862254  
Conc: 21.58 ng/ml



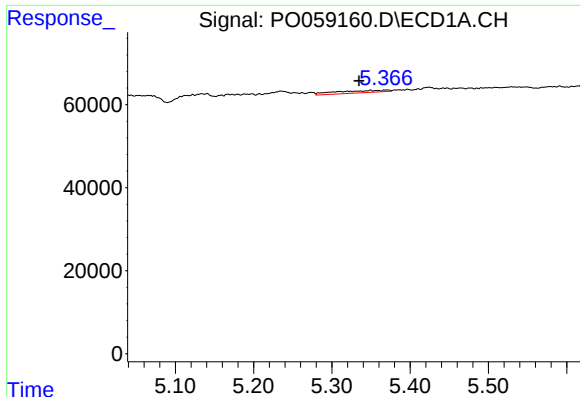
#2 Decachlorobiphenyl

R.T.: 9.652 min  
Delta R.T.: -0.021 min  
Response: 912238  
Conc: 16.84 ng/ml



#2 Decachlorobiphenyl

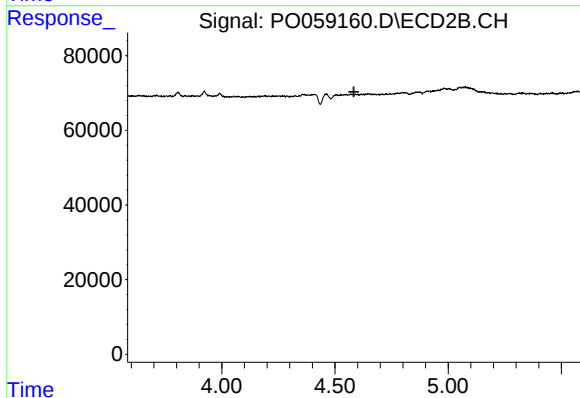
R.T.: 8.390 min  
Delta R.T.: -0.024 min  
Response: 663566  
Conc: 16.81 ng/ml



#3 AR-1016-1

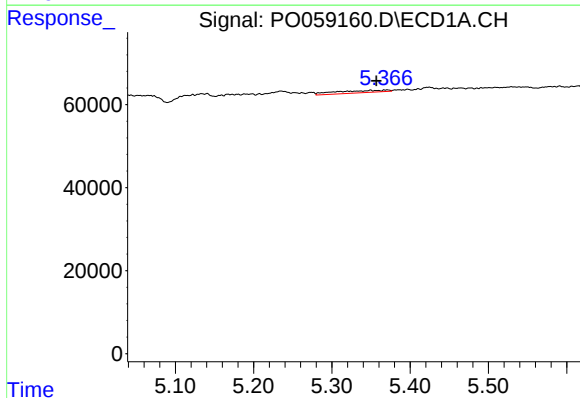
R.T.: 5.371 min  
Delta R.T.: 0.036 min  
Response: 25224  
Conc: 13.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



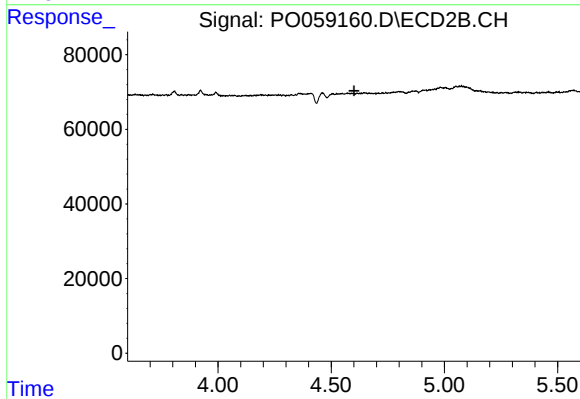
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.583 min  
Response: 0  
Conc: N.D.



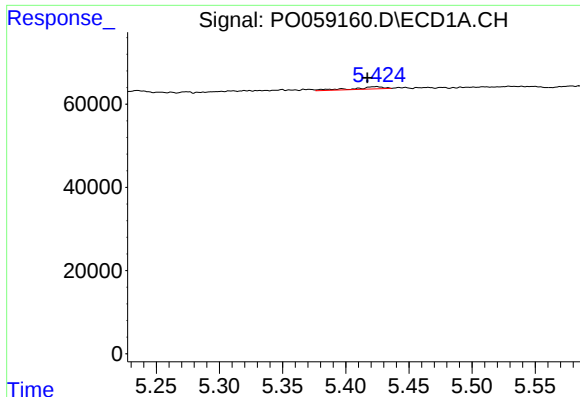
#4 AR-1016-2

R.T.: 5.371 min  
Delta R.T.: 0.014 min  
Response: 25224  
Conc: 9.17 ng/ml



#4 AR-1016-2

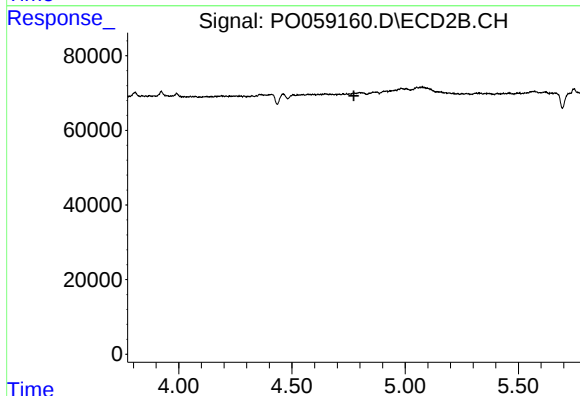
R.T.: 0.000 min  
Exp R.T. : 4.601 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

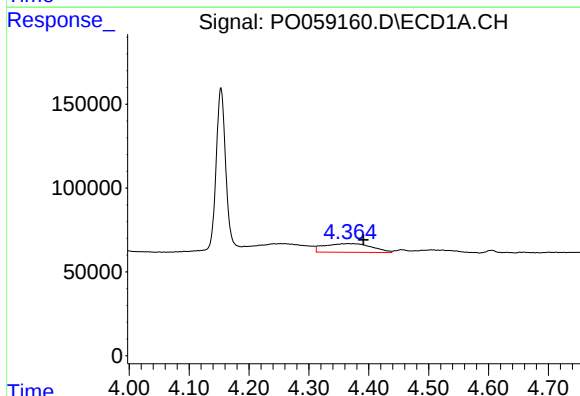
R.T.: 5.423 min  
Delta R.T.: 0.006 min  
Response: 8744  
Conc: 5.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



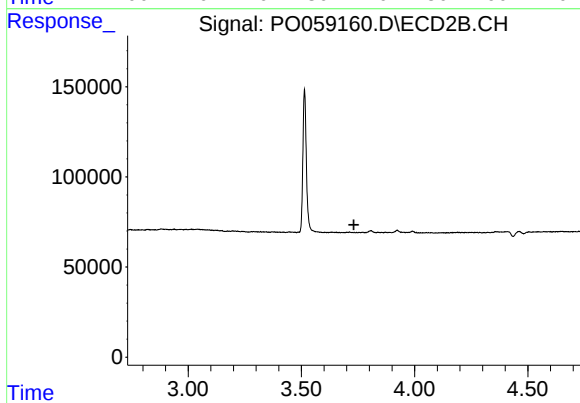
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.773 min  
Response: 0  
Conc: N.D.



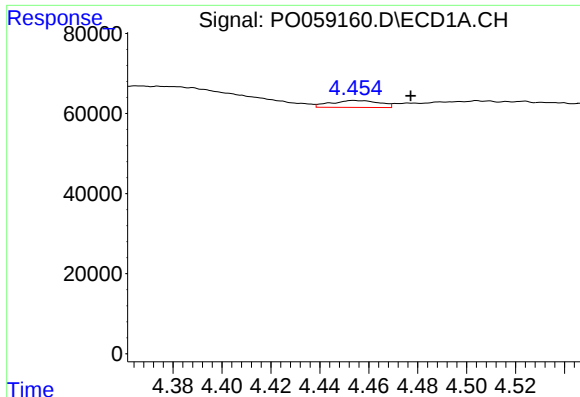
#8 AR-1221-1

R.T.: 4.366 min  
Delta R.T.: -0.026 min  
Response: 284243  
Conc: 625.72 ng/ml



#8 AR-1221-1

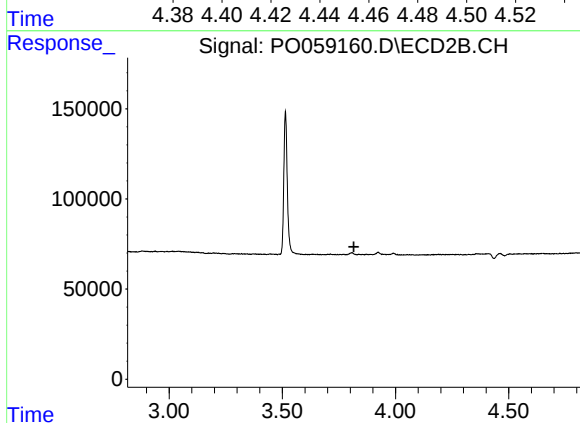
R.T.: 0.000 min  
Exp R.T. : 3.732 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

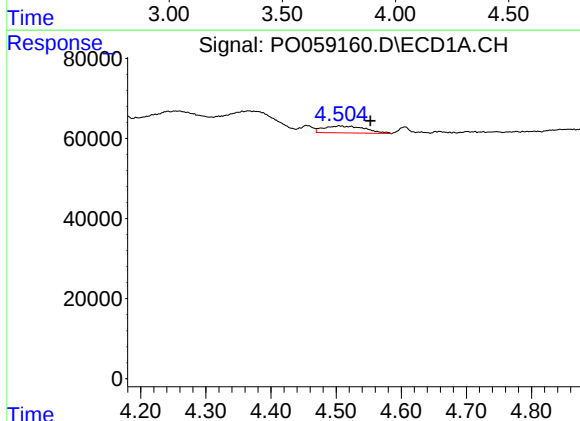
R.T.: 4.454 min  
Delta R.T.: -0.023 min  
Response: 23995  
Conc: 69.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



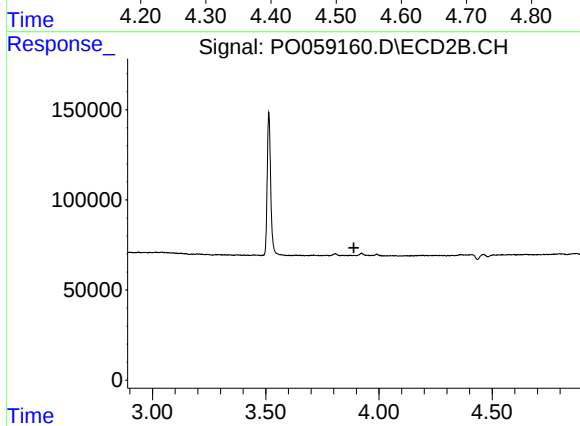
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.816 min  
Response: 0  
Conc: N.D.



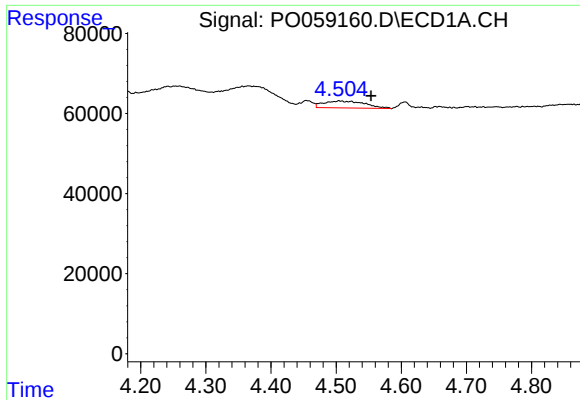
#10 AR-1221-3

R.T.: 4.504 min  
Delta R.T.: -0.048 min  
Response: 76366  
Conc: 69.64 ng/ml



#10 AR-1221-3

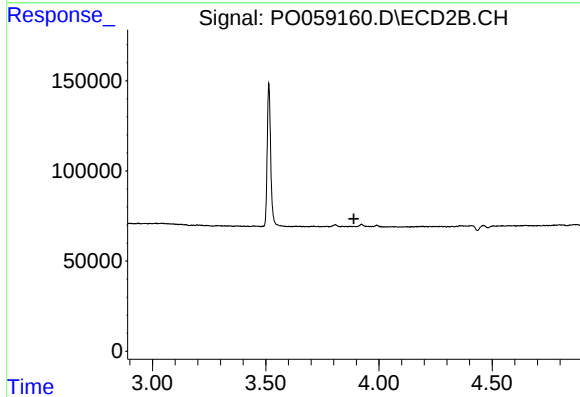
R.T.: 0.000 min  
Exp R.T. : 3.889 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

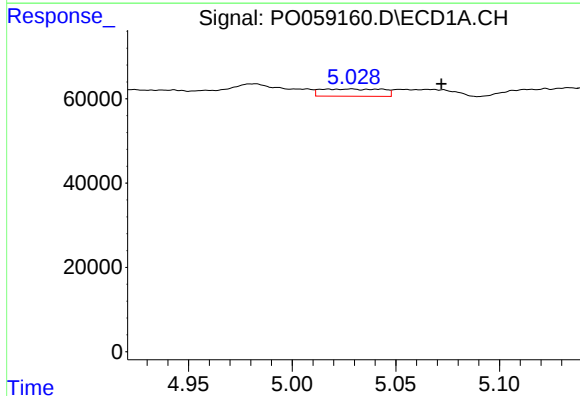
R.T.: 4.504 min  
Delta R.T.: -0.049 min  
Response: 76366  
Conc: 84.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



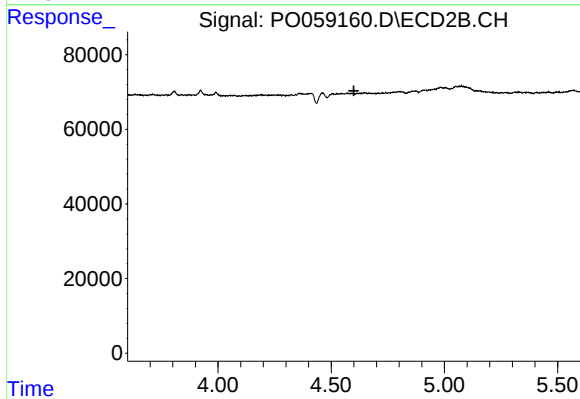
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.889 min  
Response: 0  
Conc: N.D.



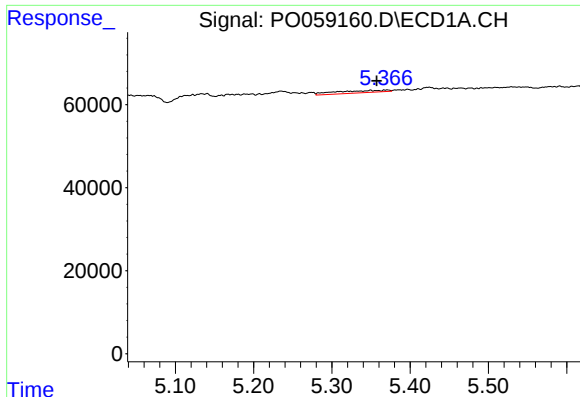
#12 AR-1232-2

R.T.: 5.029 min  
Delta R.T.: -0.043 min  
Response: 35708  
Conc: 72.59 ng/ml



#12 AR-1232-2

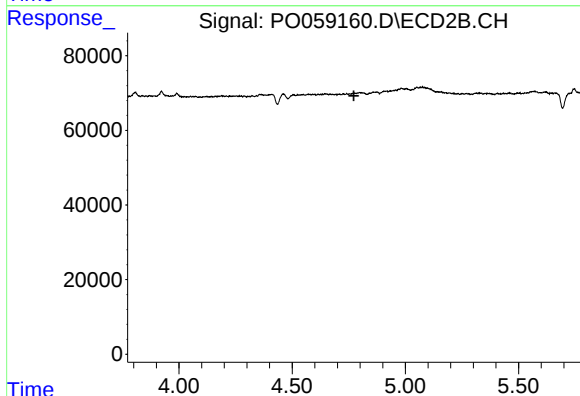
R.T.: 0.000 min  
Exp R.T. : 4.600 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

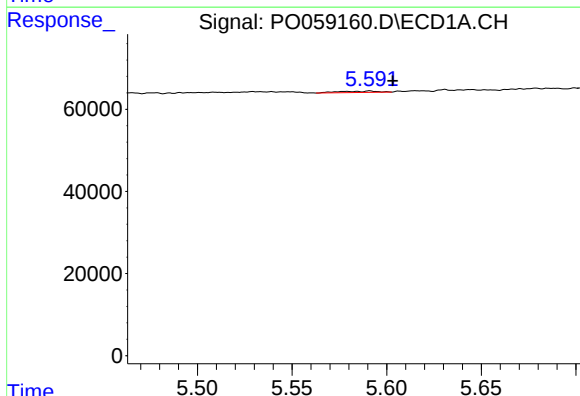
R.T.: 5.371 min  
Delta R.T.: 0.014 min  
Response: 25224  
Conc: 23.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



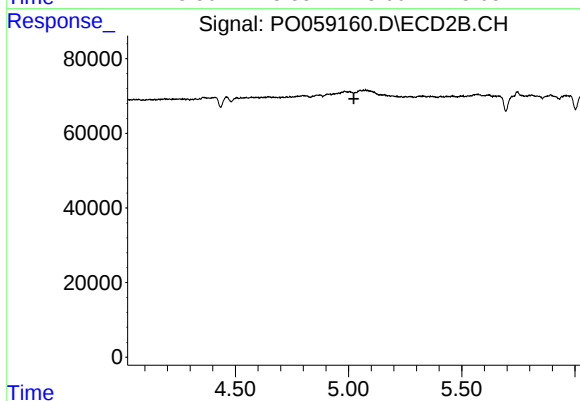
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.773 min  
Response: 0  
Conc: N.D.



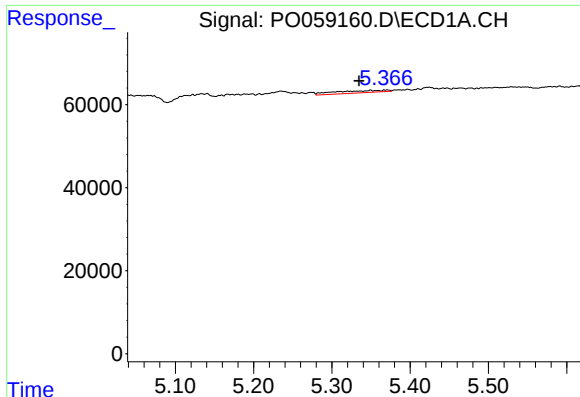
#15 AR-1232-5

R.T.: 5.591 min  
Delta R.T.: -0.012 min  
Response: 4384  
Conc: 10.74 ng/ml



#15 AR-1232-5

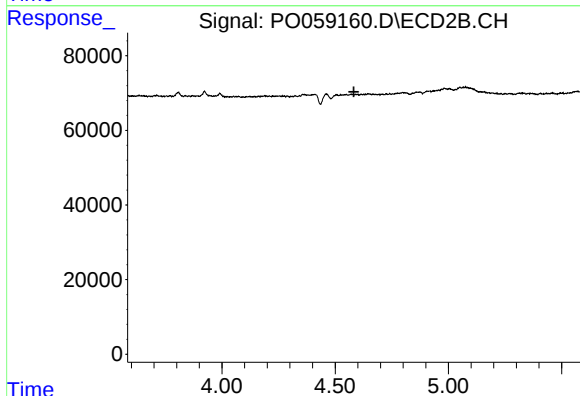
R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

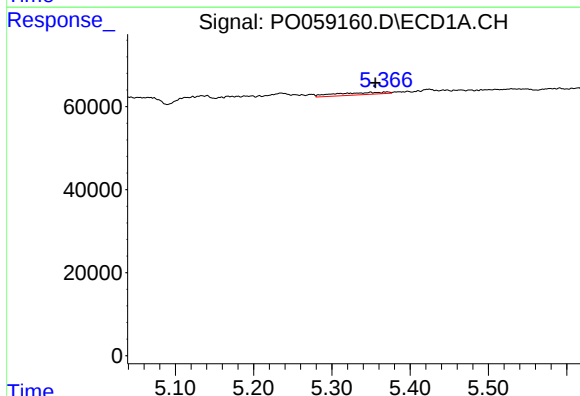
R.T.: 5.371 min  
Delta R.T.: 0.036 min  
Response: 25224  
Conc: 19.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



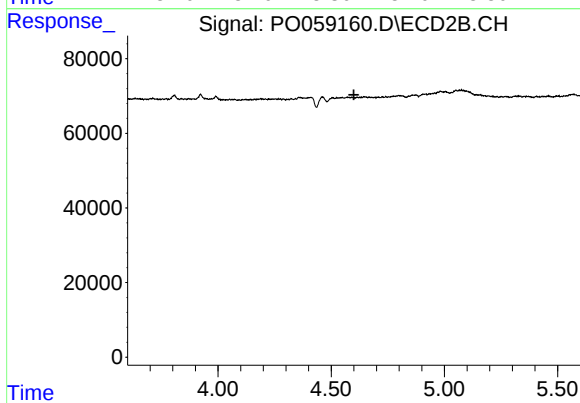
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.583 min  
Response: 0  
Conc: N.D.



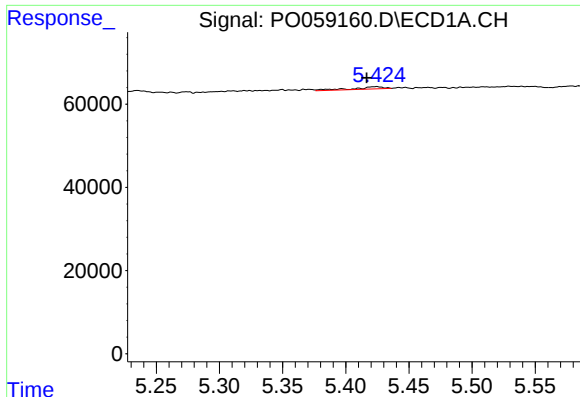
#17 AR-1242-2

R.T.: 5.371 min  
Delta R.T.: 0.015 min  
Response: 25224  
Conc: 13.33 ng/ml



#17 AR-1242-2

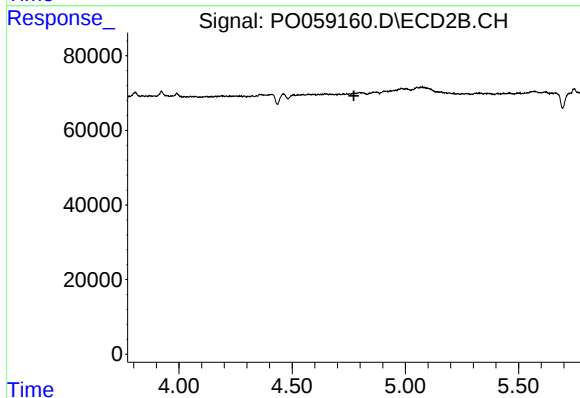
R.T.: 0.000 min  
Exp R.T. : 4.600 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

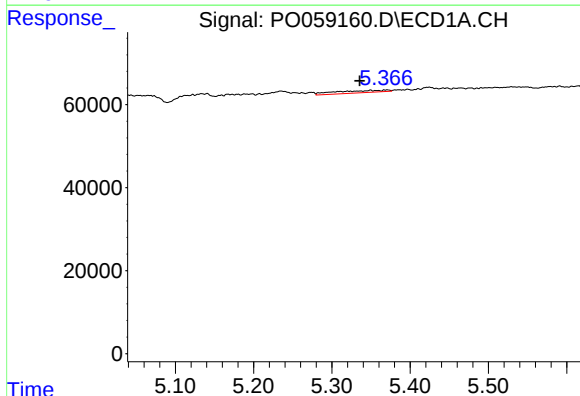
R.T.: 5.423 min  
Delta R.T.: 0.007 min  
Response: 8744  
Conc: 7.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



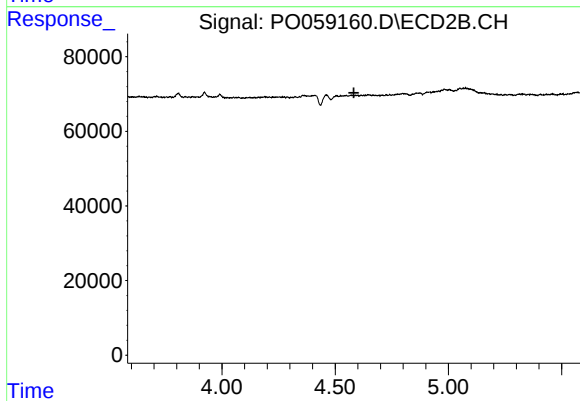
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.773 min  
Response: 0  
Conc: N.D.



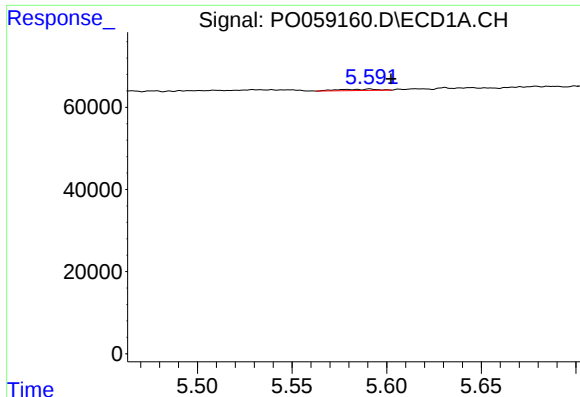
#21 AR-1248-1

R.T.: 5.371 min  
Delta R.T.: 0.035 min  
Response: 25224  
Conc: 24.95 ng/ml



#21 AR-1248-1

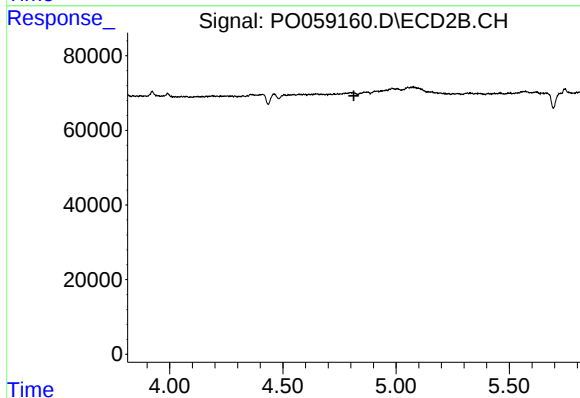
R.T.: 0.000 min  
Exp R.T. : 4.583 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

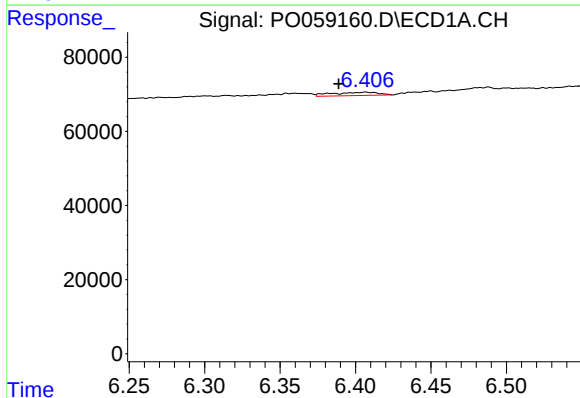
R.T.: 5.591 min  
Delta R.T.: -0.012 min  
Response: 4384  
Conc: 3.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



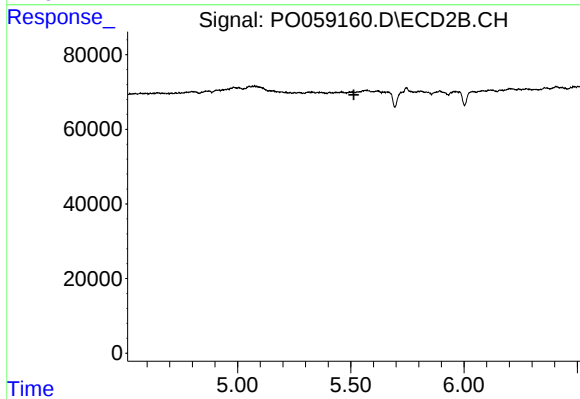
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 4.814 min  
Response: 0  
Conc: N.D.



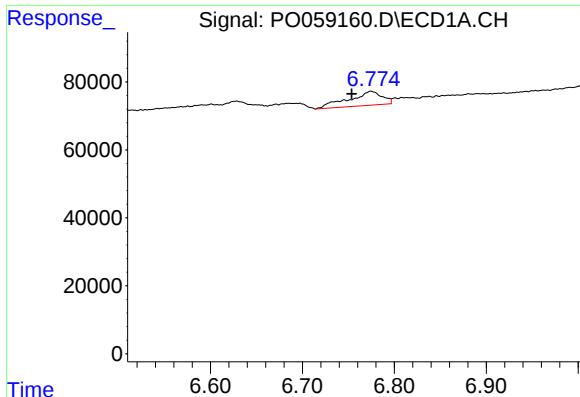
#27 AR-1254-2

R.T.: 6.407 min  
Delta R.T.: 0.018 min  
Response: 18895  
Conc: 4.90 ng/ml



#27 AR-1254-2

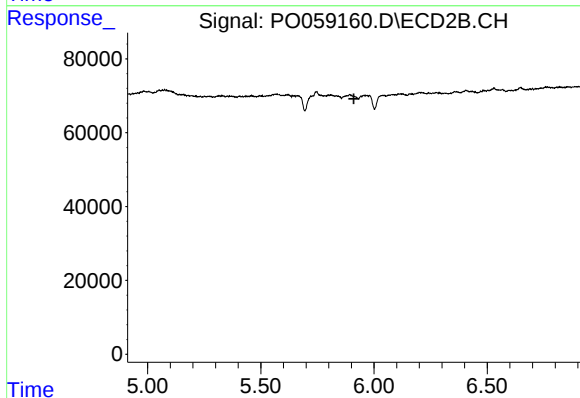
R.T.: 0.000 min  
Exp R.T. : 5.514 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

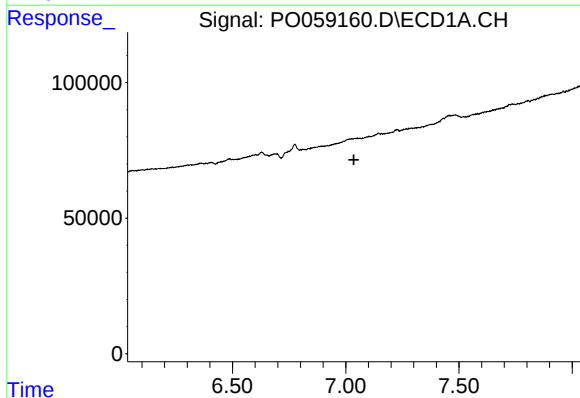
R.T.: 6.775 min  
Delta R.T.: 0.021 min  
Response: 104160  
Conc: 25.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



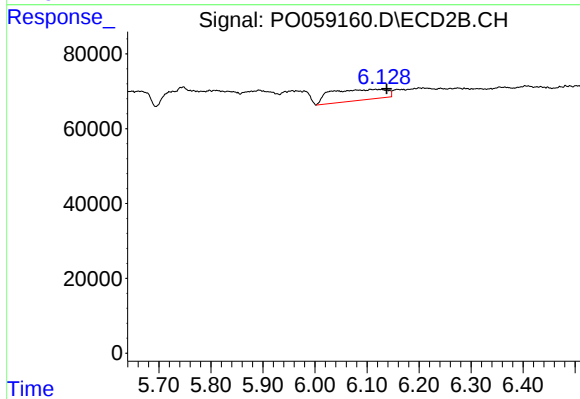
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.911 min  
Response: 0  
Conc: N.D.



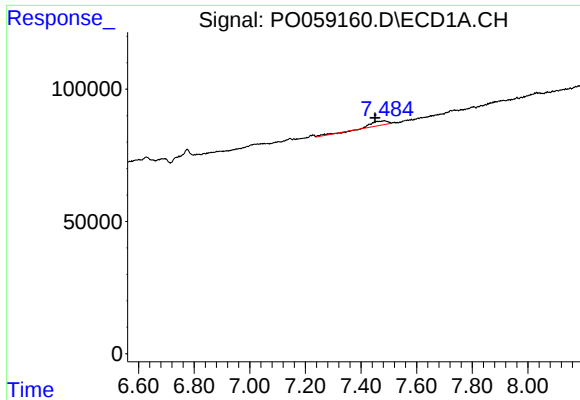
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.036 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

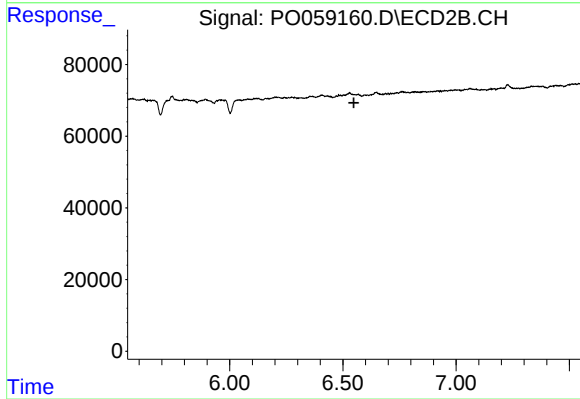
R.T.: 6.116 min  
Delta R.T.: -0.021 min  
Response: 218260  
Conc: 93.87 ng/ml



#30 AR-1254-5

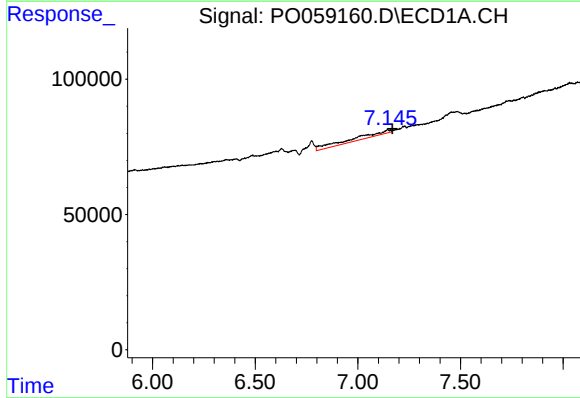
R.T.: 7.483 min  
Delta R.T.: 0.033 min  
Response: 75288  
Conc: 20.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



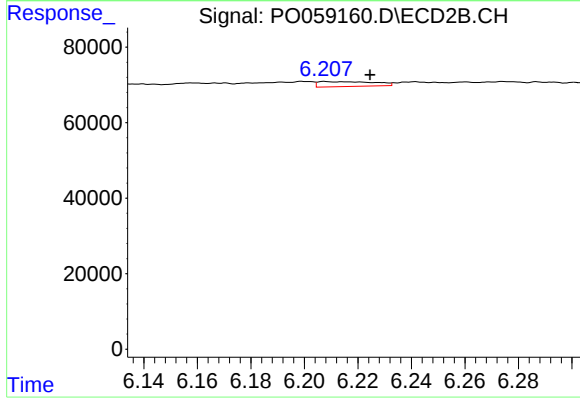
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.548 min  
Response: 0  
Conc: N.D.



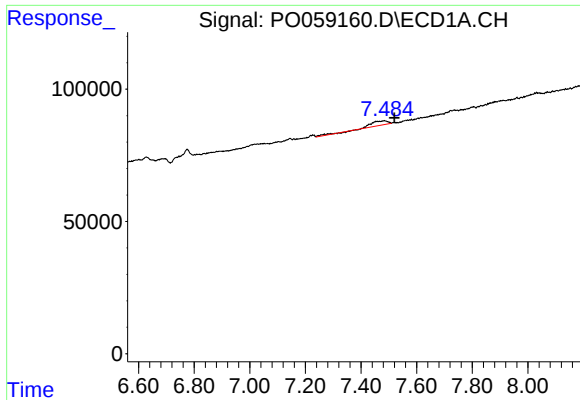
#32 AR-1260-2

R.T.: 7.145 min  
Delta R.T.: -0.023 min  
Response: 218869  
Conc: 52.61 ng/ml



#32 AR-1260-2

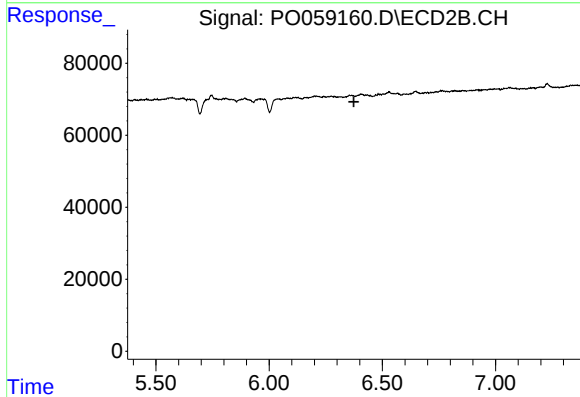
R.T.: 6.208 min  
Delta R.T.: -0.017 min  
Response: 19086  
Conc: 6.30 ng/ml



#33 AR-1260-3

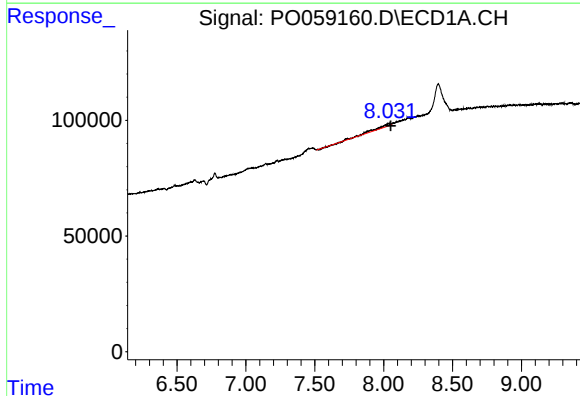
R.T.: 7.483 min  
Delta R.T.: -0.037 min  
Response: 75288  
Conc: 20.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



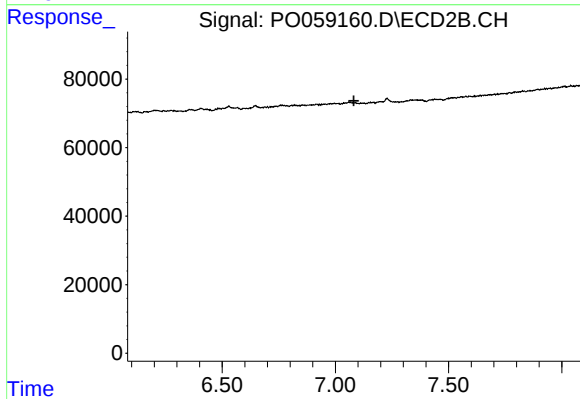
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.375 min  
Response: 0  
Conc: N.D.



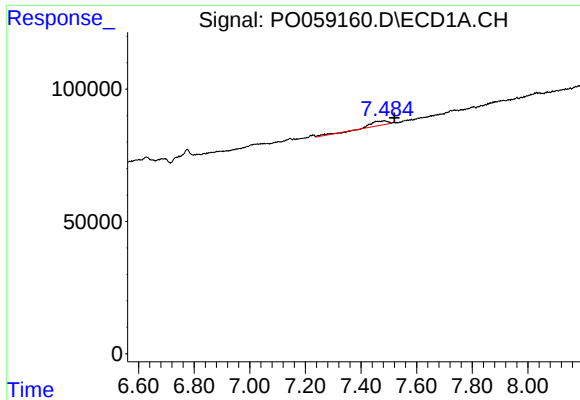
#35 AR-1260-5

R.T.: 8.031 min  
Delta R.T.: -0.020 min  
Response: 79769  
Conc: 10.85 ng/ml



#35 AR-1260-5

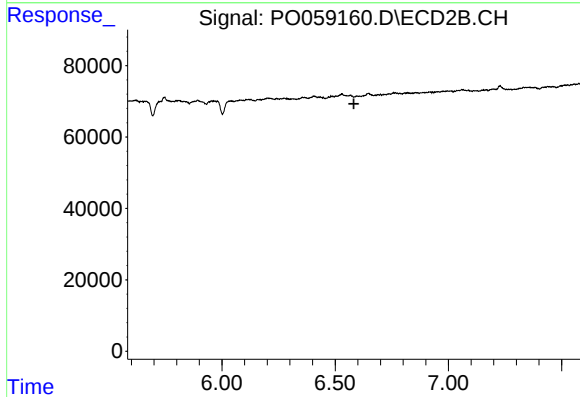
R.T.: 0.000 min  
Exp R.T. : 7.082 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

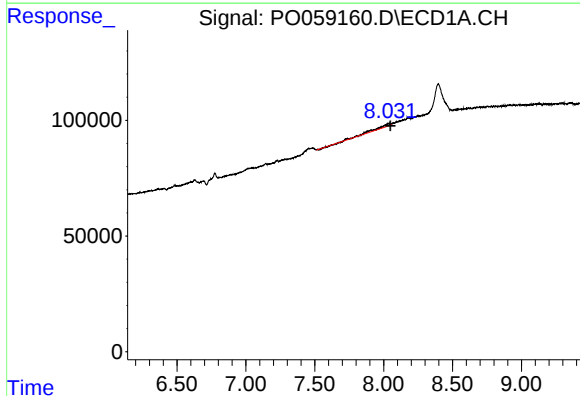
R.T.: 7.483 min  
Delta R.T.: -0.036 min  
Response: 75288  
Conc: 14.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



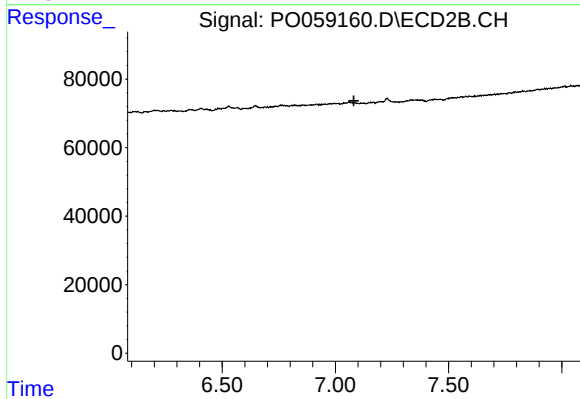
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.583 min  
Response: 0  
Conc: N.D.



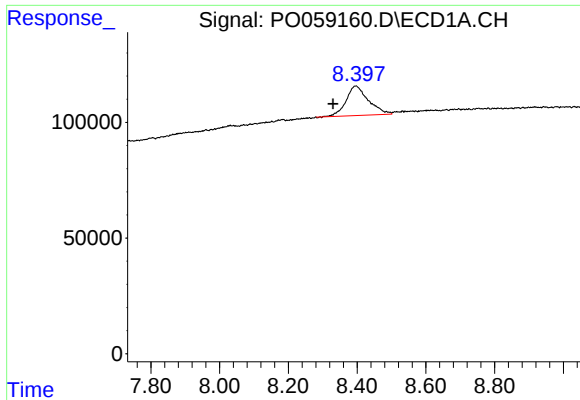
#37 AR-1262-2

R.T.: 8.031 min  
Delta R.T.: -0.019 min  
Response: 79769  
Conc: 10.02 ng/ml



#37 AR-1262-2

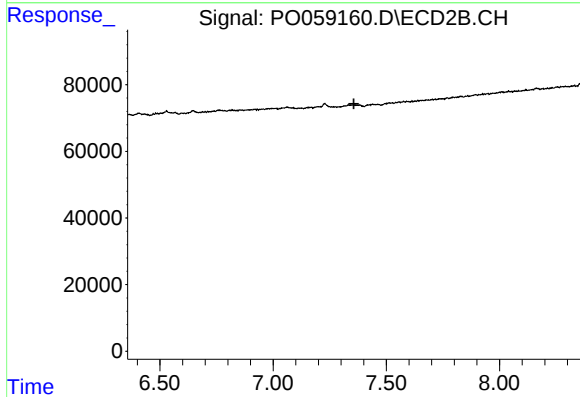
R.T.: 0.000 min  
Exp R.T. : 7.082 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

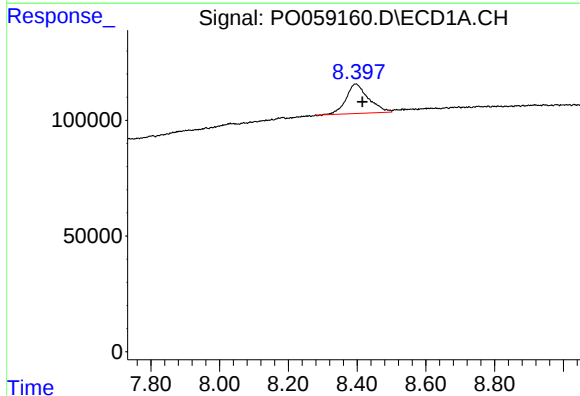
R.T.: 8.396 min  
Delta R.T.: 0.066 min  
Response: 575832  
Conc: 113.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



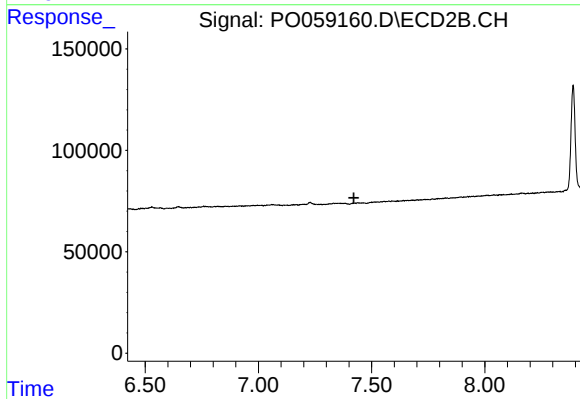
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.357 min  
Response: 0  
Conc: N.D.



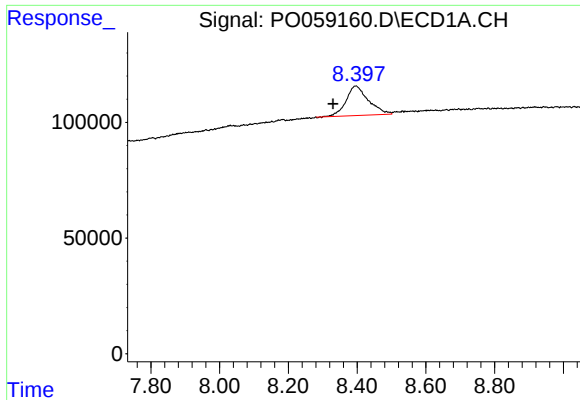
#39 AR-1262-4

R.T.: 8.396 min  
Delta R.T.: -0.020 min  
Response: 575832  
Conc: 151.95 ng/ml



#39 AR-1262-4

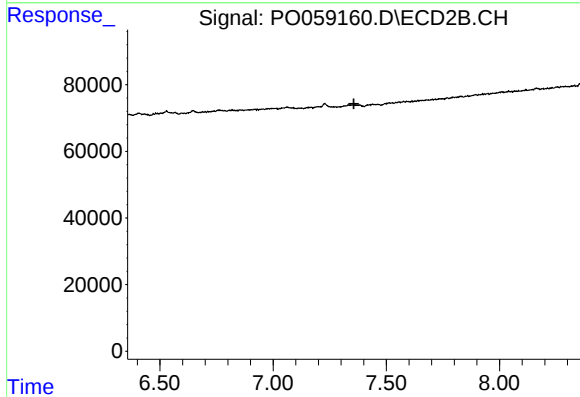
R.T.: 0.000 min  
Exp R.T. : 7.422 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

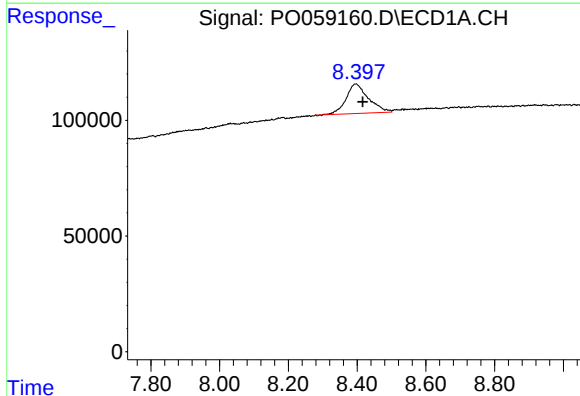
R.T.: 8.396 min  
Delta R.T.: 0.066 min  
Response: 575832  
Conc: 51.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



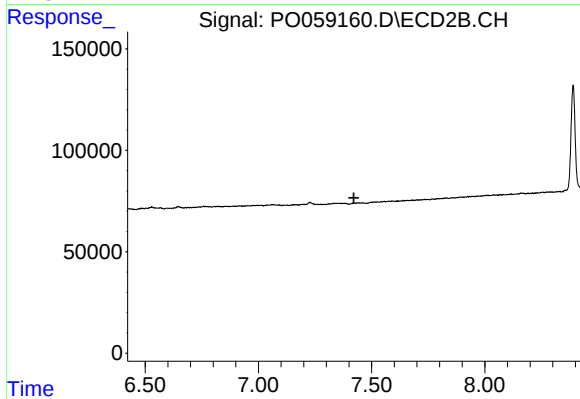
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 7.357 min  
Response: 0  
Conc: N.D.



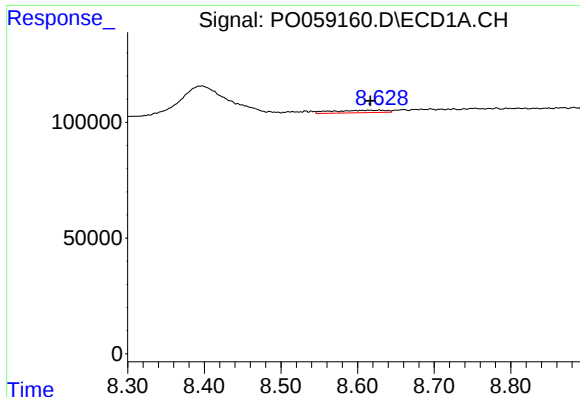
#42 AR-1268-2

R.T.: 8.396 min  
Delta R.T.: -0.021 min  
Response: 575832  
Conc: 61.30 ng/ml



#42 AR-1268-2

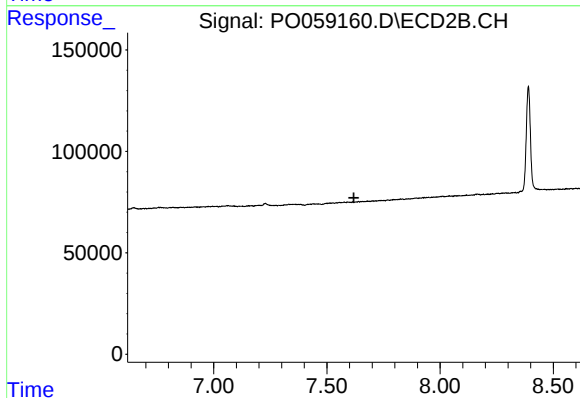
R.T.: 0.000 min  
Exp R.T. : 7.422 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

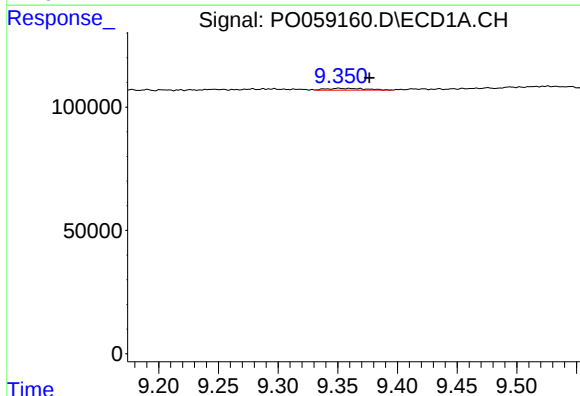
R.T.: 8.629 min  
Delta R.T.: 0.012 min  
Response: 52794  
Conc: 6.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
1S-P-(0-1)-COMP



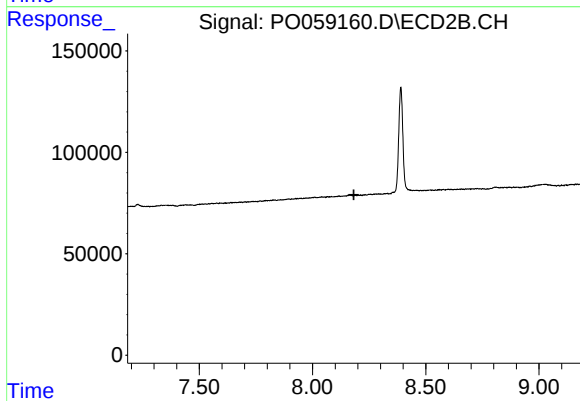
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.619 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.352 min  
Delta R.T.: -0.025 min  
Response: 17061  
Conc: 0.79 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.183 min  
Response: 0  
Conc: N.D.