

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121818\  
 Data File : PO052694.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Dec 2018 18:42  
 Operator : SM/SJ  
 Sample : J6390-02 10X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 01:28:34 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun Dec 16 03:01:24 2018  
 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... | 4.264 | 3.277 | 2263704 | 268915 | 2.887   | 1.269 #   |
| 2)                          | SA Decachlor... | 9.817 | 7.963 | 1439885 | 604105 | 2.858   | 2.738     |
| Target Compounds            |                 |       |       |         |        |         |           |
| 3)                          | L1 AR-1016-1    | 5.350 | 0.000 | 387876  | 0      | 18.953  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.493 | 0.000 | 449288  | 0      | 14.385  | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.493 | 4.474 | 449288  | 130596 | 23.733  | 23.636    |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.512 | 0       | 258507 | N.D.    | 53.469 #  |
| 9)                          | L2 AR-1221-2    | 4.623 | 0.000 | 348762  | 0      | 63.897  | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.623 | 0.000 | 348762  | 0      | 19.650  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.623 | 0.000 | 348762  | 0      | 24.586  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.212 | 0.000 | 1328348 | 0      | 179.325 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.493 | 4.474 | 449288  | 130596 | 29.354  | 51.335 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.543 | 0       | 239411 | N.D.    | 104.095 # |
| 16)                         | L4 AR-1242-1    | 5.350 | 0.000 | 387876  | 0      | 21.319  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.493 | 0.000 | 449288  | 0      | 16.237  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.493 | 4.474 | 449288  | 130596 | 27.133  | 27.126    |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.543 | 0       | 239411 | N.D.    | 48.896 #  |
| 21)                         | L5 AR-1248-1    | 5.350 | 0.000 | 387876  | 0      | 28.030  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.512 | 0       | 258507 | N.D.    | 37.290 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.543 | 0       | 239411 | N.D.    | 34.471 #  |
| 28)                         | L6 AR-1254-3    | 6.865 | 0.000 | 362157  | 0      | 9.192   | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.540 | 6.161 | 2331721 | 248771 | 80.119  | 14.927 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.666 | 0       | 172729 | N.D.    | 12.595 #  |
| 32)                         | L7 AR-1260-2    | 7.269 | 0.000 | 1064115 | 0      | 30.422  | N.D. #    |
| 33)                         | L7 AR-1260-3    | 7.540 | 0.000 | 2331721 | 0      | 100.185 | N.D. #    |
| 34)                         | L7 AR-1260-4    | 7.773 | 0.000 | 1537532 | 0      | 61.756  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 0.000 | 6.684 | 0       | 311208 | N.D.    | 13.129 #  |
| 36)                         | L8 AR-1262-1    | 7.540 | 6.200 | 2331721 | 137890 | 59.220  | 7.584 #   |
| 37)                         | L8 AR-1262-2    | 0.000 | 6.684 | 0       | 311208 | N.D.    | 10.900 #  |
| -----                       |                 |       |       |         |        |         |           |

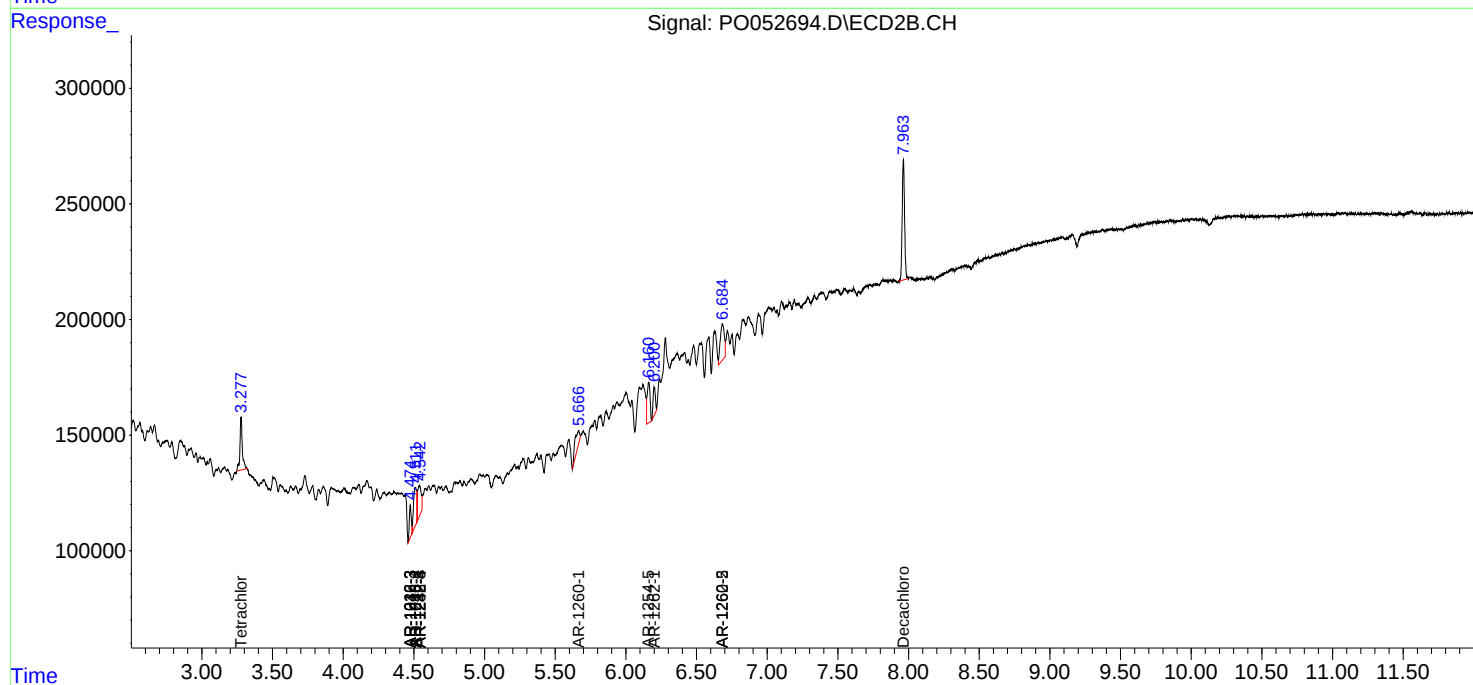
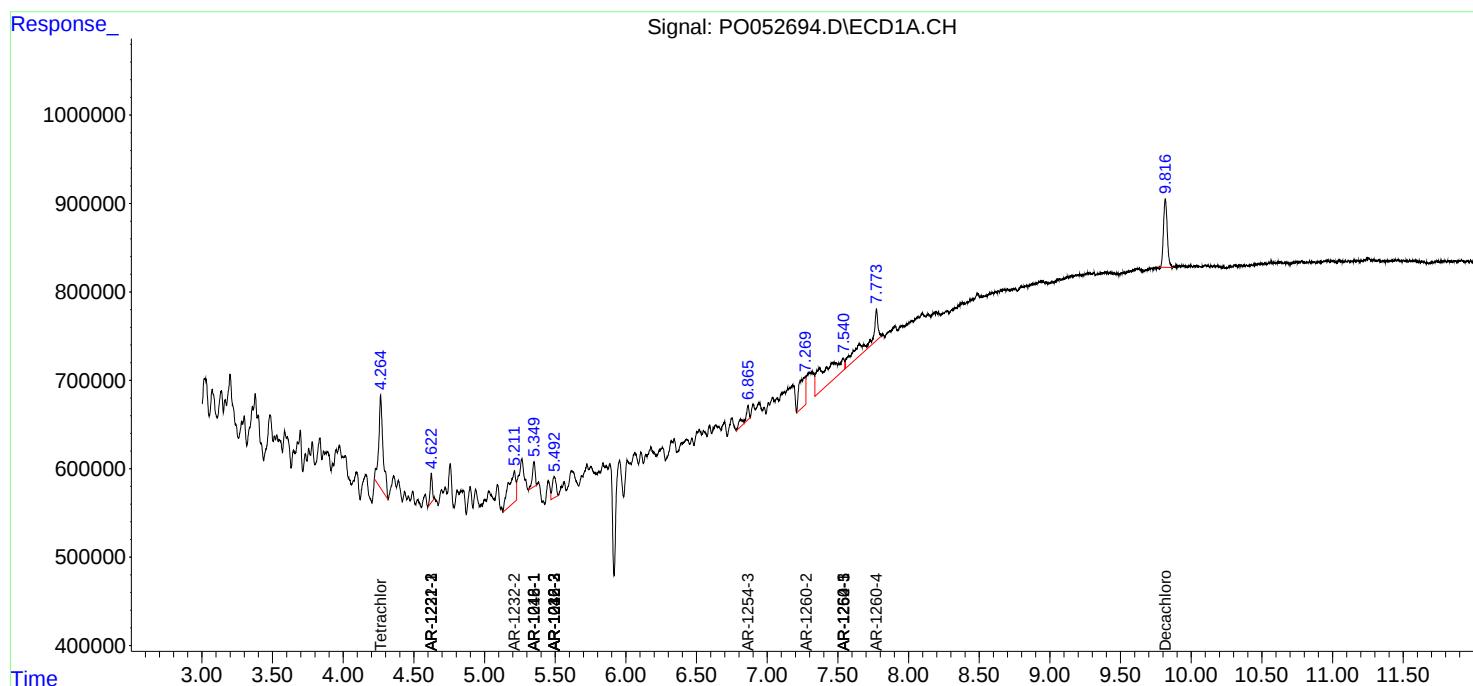
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

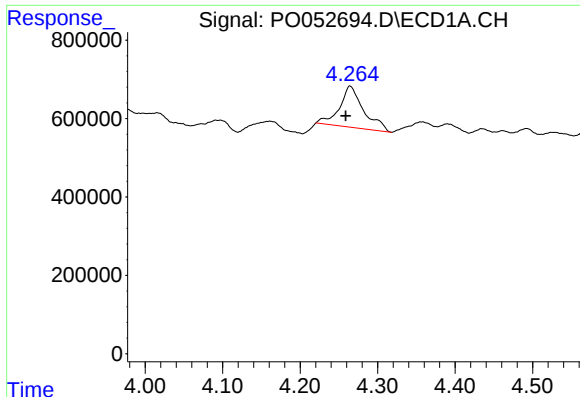
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121818\  
Data File : PO052694.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Dec 2018 18:42  
Operator : SM/SJ  
Sample : J6390-02 10X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 01:28:34 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun Dec 16 03:01:24 2018  
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

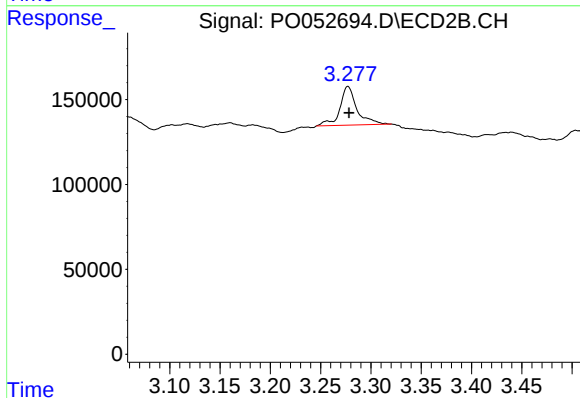




#1 Tetrachloro-m-xylene

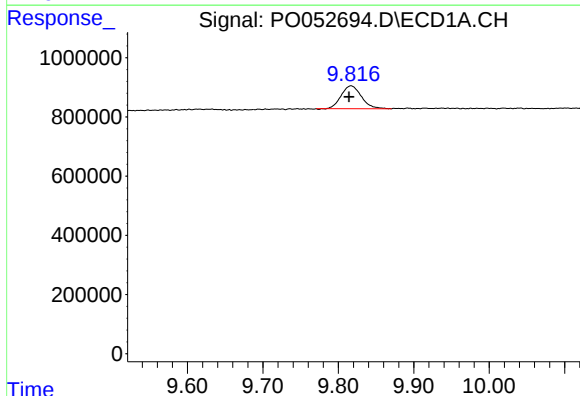
R.T.: 4.264 min  
Delta R.T.: 0.005 min  
Response: 2263704  
Conc: 2.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



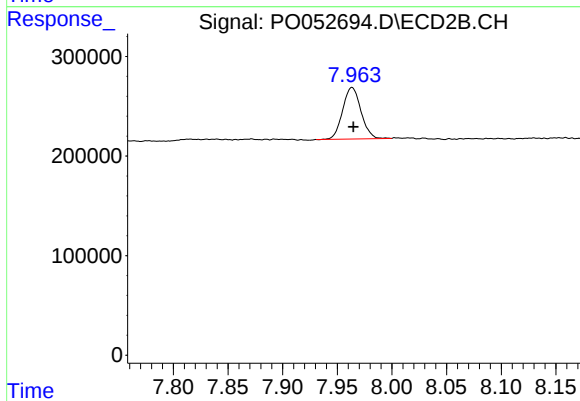
#1 Tetrachloro-m-xylene

R.T.: 3.277 min  
Delta R.T.: -0.001 min  
Response: 268915  
Conc: 1.27 ng/ml



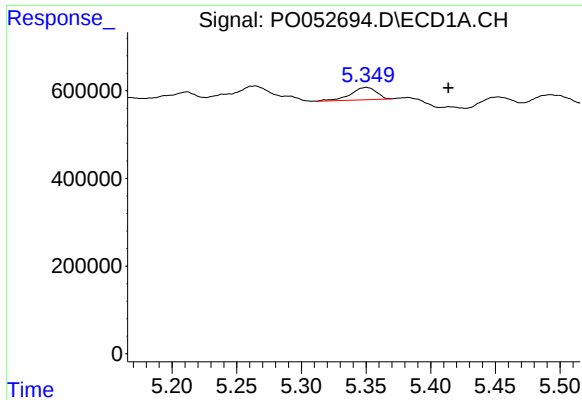
#2 Decachlorobiphenyl

R.T.: 9.817 min  
Delta R.T.: 0.003 min  
Response: 1439885  
Conc: 2.86 ng/ml



#2 Decachlorobiphenyl

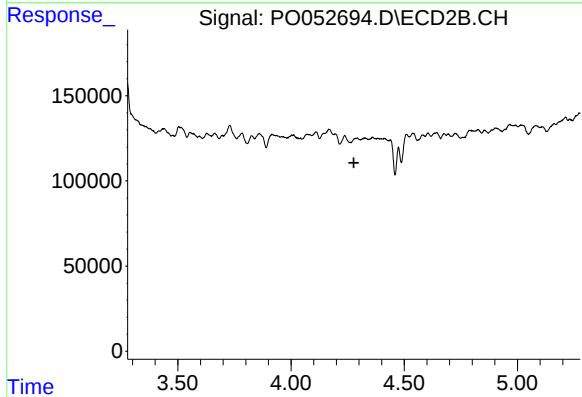
R.T.: 7.963 min  
Delta R.T.: -0.001 min  
Response: 604105  
Conc: 2.74 ng/ml



#3 AR-1016-1

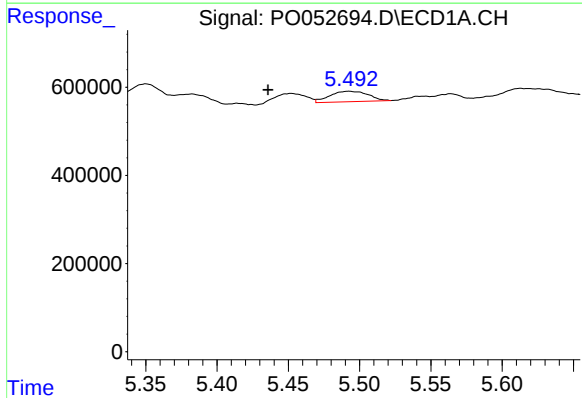
R.T.: 5.350 min  
Delta R.T.: -0.064 min  
Response: 387876  
Conc: 18.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



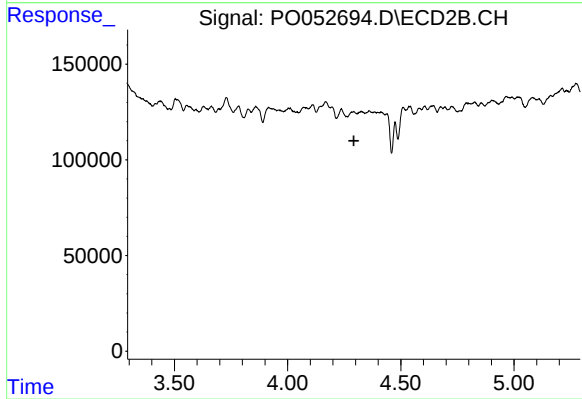
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.278 min  
Response: 0  
Conc: N.D.



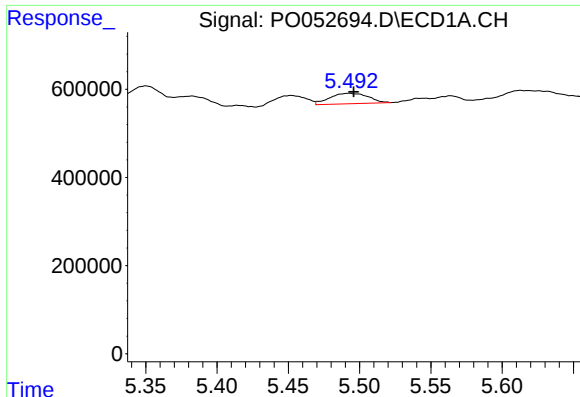
#4 AR-1016-2

R.T.: 5.493 min  
Delta R.T.: 0.057 min  
Response: 449288  
Conc: 14.39 ng/ml



#4 AR-1016-2

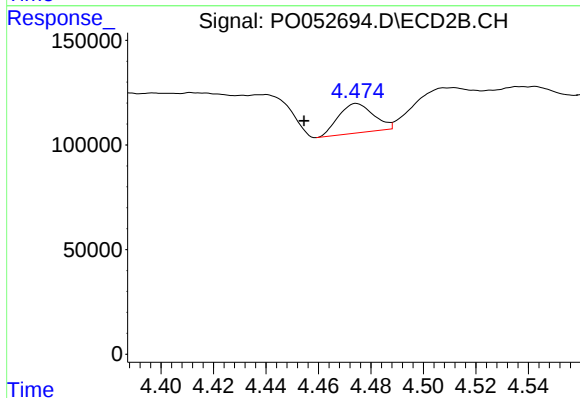
R.T.: 0.000 min  
Exp R.T. : 4.292 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

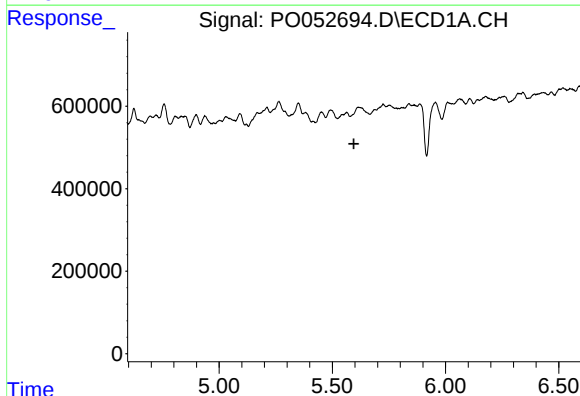
R.T.: 5.493 min  
Delta R.T.: -0.003 min  
Response: 449288  
Conc: 23.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



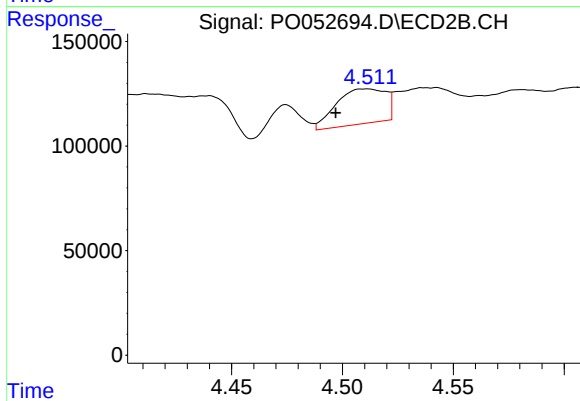
#5 AR-1016-3

R.T.: 4.474 min  
Delta R.T.: 0.020 min  
Response: 130596  
Conc: 23.64 ng/ml



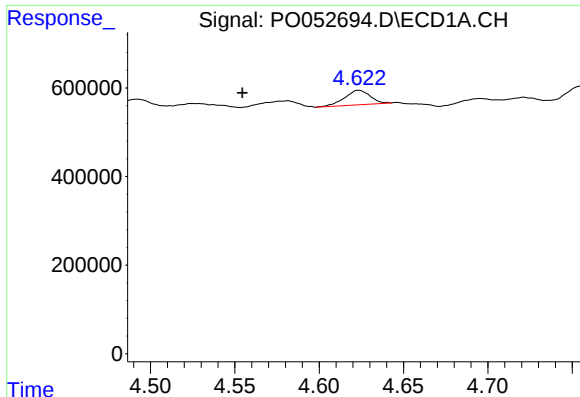
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.595 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

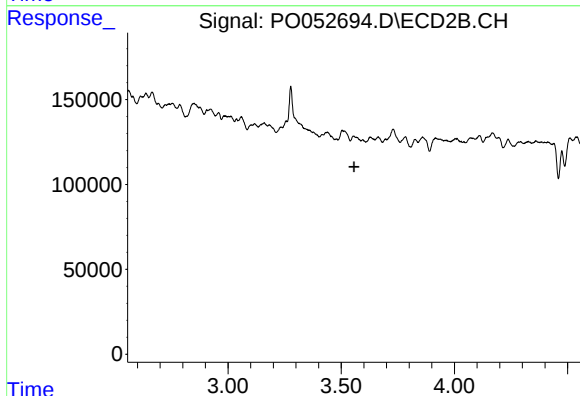
R.T.: 4.512 min  
Delta R.T.: 0.015 min  
Response: 258507  
Conc: 53.47 ng/ml



#9 AR-1221-2

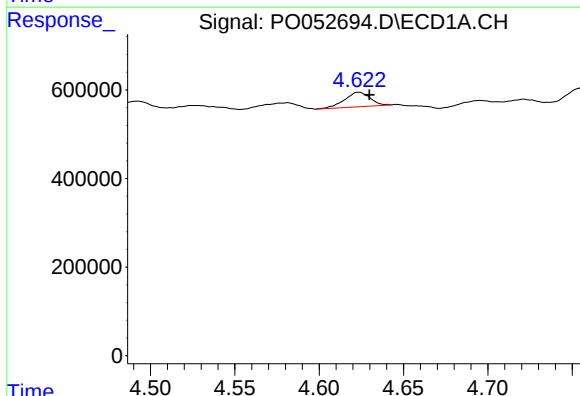
R.T.: 4.623 min  
Delta R.T.: 0.069 min  
Response: 348762  
Conc: 63.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



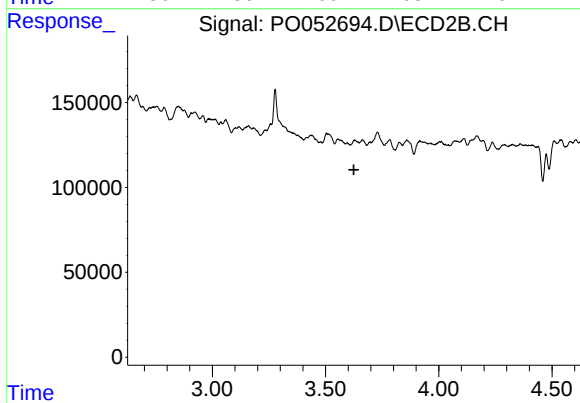
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.556 min  
Response: 0  
Conc: N.D.



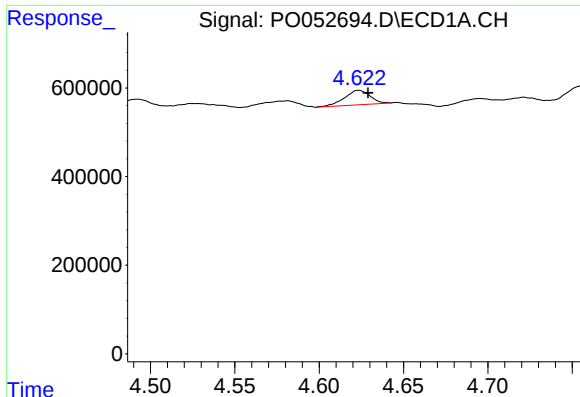
#10 AR-1221-3

R.T.: 4.623 min  
Delta R.T.: -0.006 min  
Response: 348762  
Conc: 19.65 ng/ml



#10 AR-1221-3

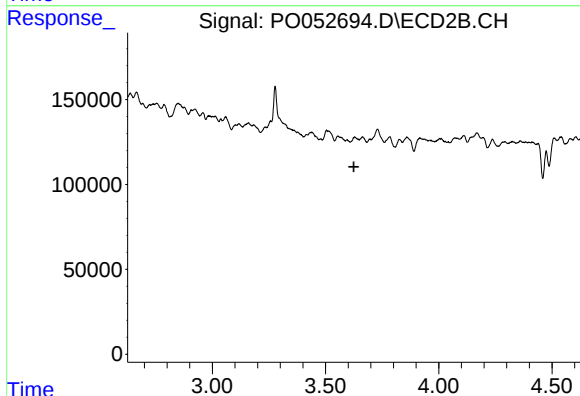
R.T.: 0.000 min  
Exp R.T. : 3.625 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

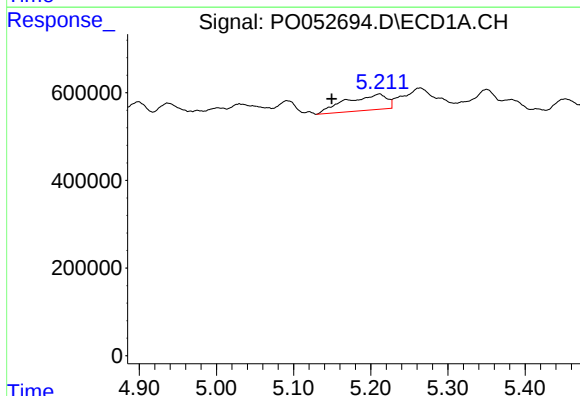
R.T.: 4.623 min  
Delta R.T.: -0.006 min  
Response: 348762  
Conc: 24.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



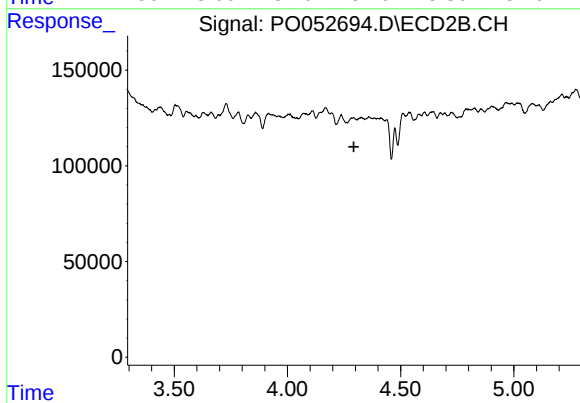
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.625 min  
Response: 0  
Conc: N.D.



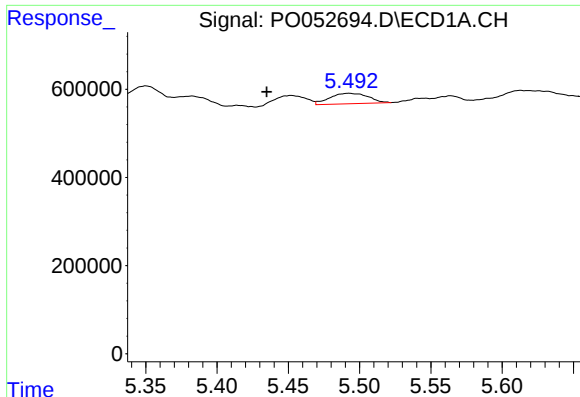
#12 AR-1232-2

R.T.: 5.212 min  
Delta R.T.: 0.063 min  
Response: 1328348  
Conc: 179.33 ng/ml



#12 AR-1232-2

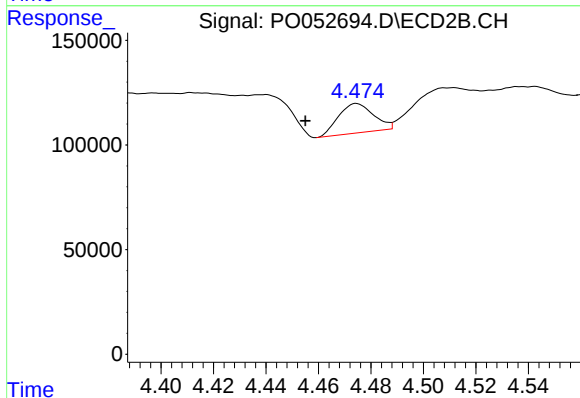
R.T.: 0.000 min  
Exp R.T. : 4.293 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

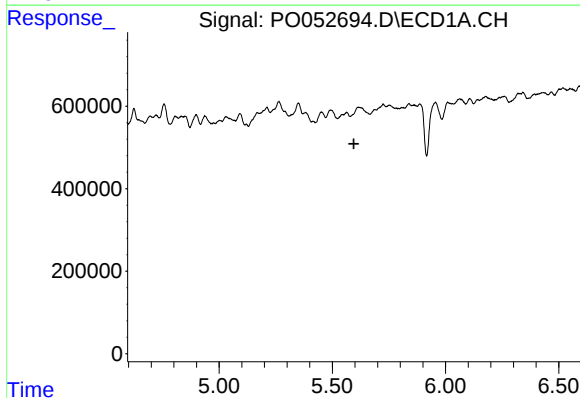
R.T.: 5.493 min  
Delta R.T.: 0.058 min  
Response: 449288  
Conc: 29.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



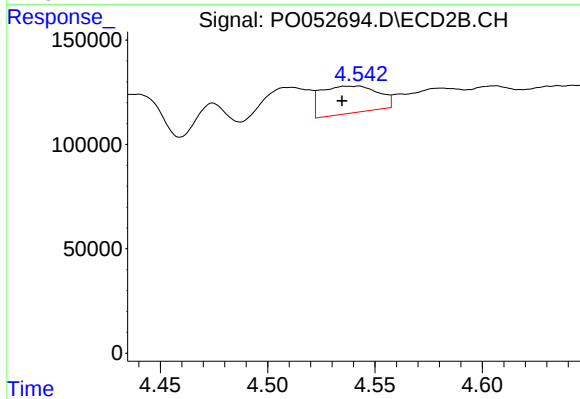
#13 AR-1232-3

R.T.: 4.474 min  
Delta R.T.: 0.019 min  
Response: 130596  
Conc: 51.33 ng/ml



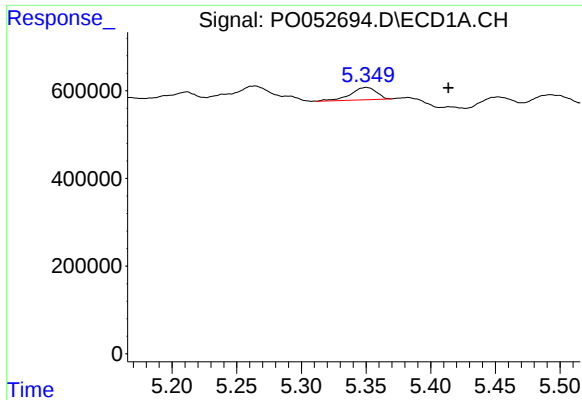
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.595 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

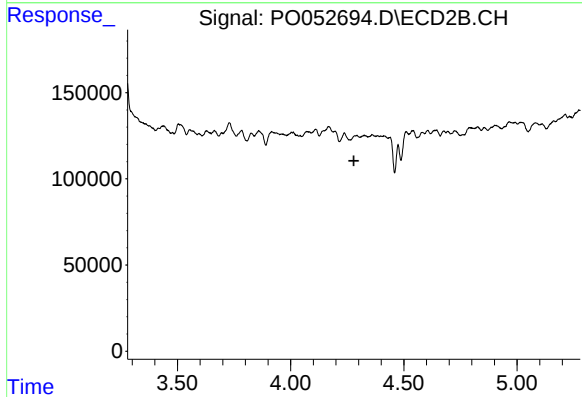
R.T.: 4.543 min  
Delta R.T.: 0.008 min  
Response: 239411  
Conc: 104.10 ng/ml



#16 AR-1242-1

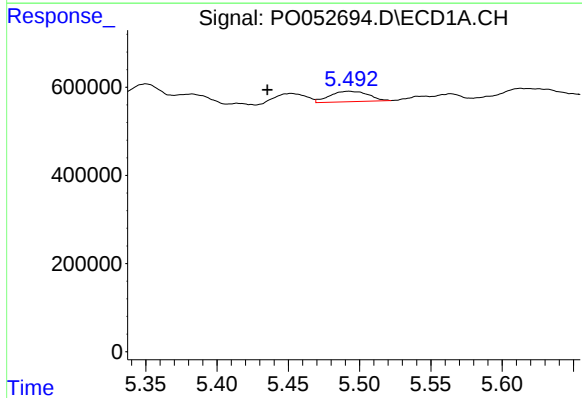
R.T.: 5.350 min  
Delta R.T.: -0.064 min  
Response: 387876  
Conc: 21.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



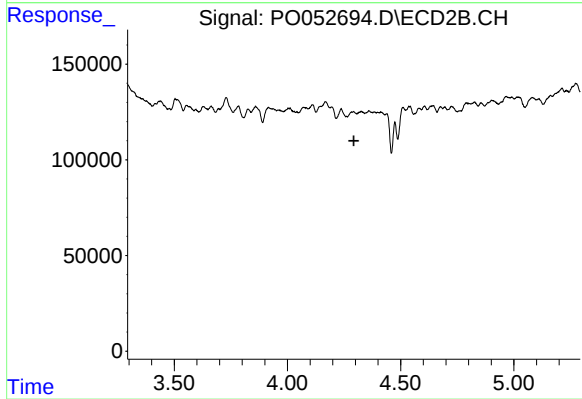
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.279 min  
Response: 0  
Conc: N.D.



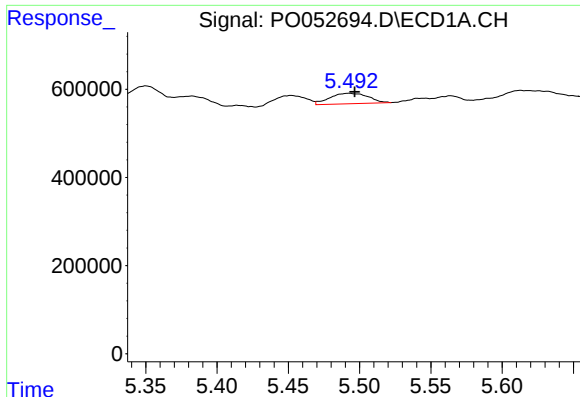
#17 AR-1242-2

R.T.: 5.493 min  
Delta R.T.: 0.057 min  
Response: 449288  
Conc: 16.24 ng/ml



#17 AR-1242-2

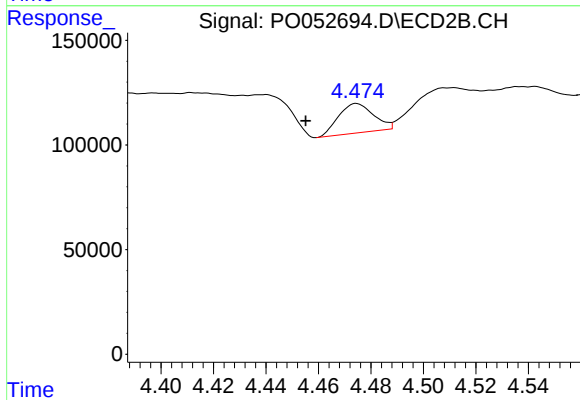
R.T.: 0.000 min  
Exp R.T. : 4.293 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

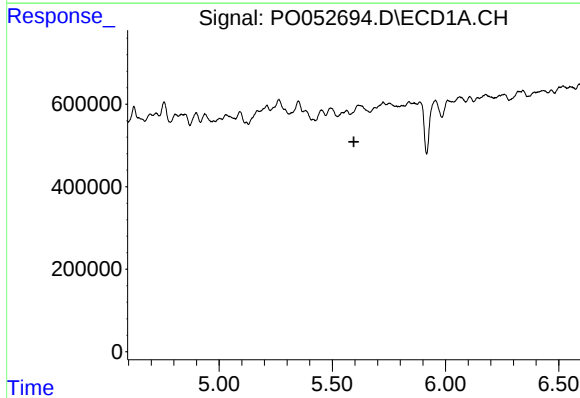
R.T.: 5.493 min  
Delta R.T.: -0.004 min  
Response: 449288  
Conc: 27.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



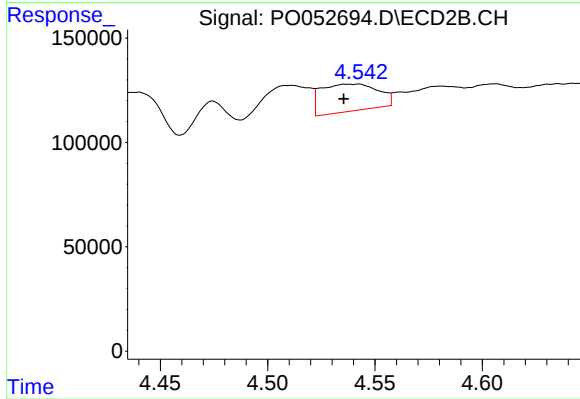
#18 AR-1242-3

R.T.: 4.474 min  
Delta R.T.: 0.019 min  
Response: 130596  
Conc: 27.13 ng/ml



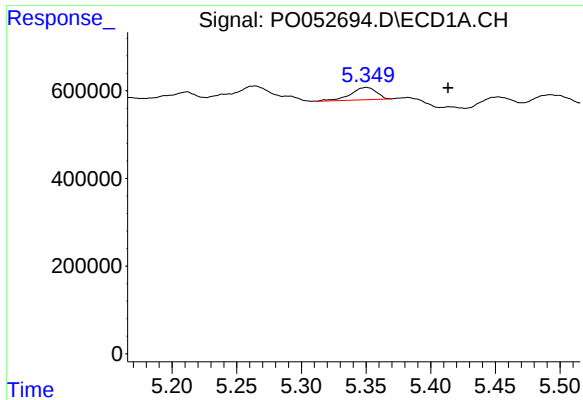
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.595 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

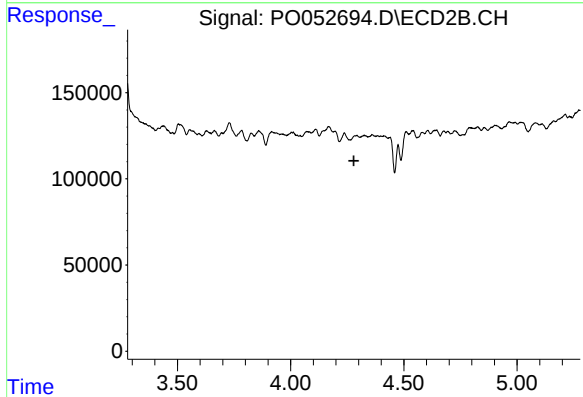
R.T.: 4.543 min  
Delta R.T.: 0.007 min  
Response: 239411  
Conc: 48.90 ng/ml



#21 AR-1248-1

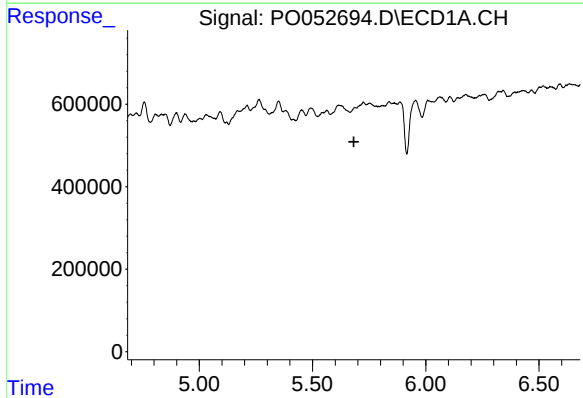
R.T.: 5.350 min  
Delta R.T.: -0.063 min  
Response: 387876  
Conc: 28.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



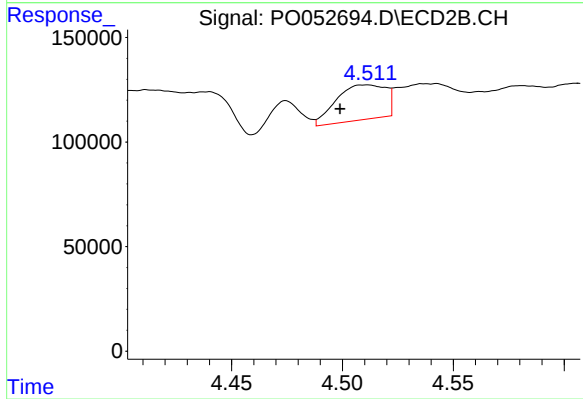
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.279 min  
Response: 0  
Conc: N.D.



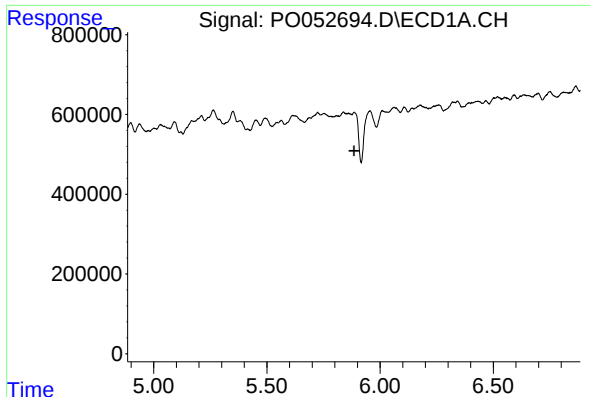
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.682 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

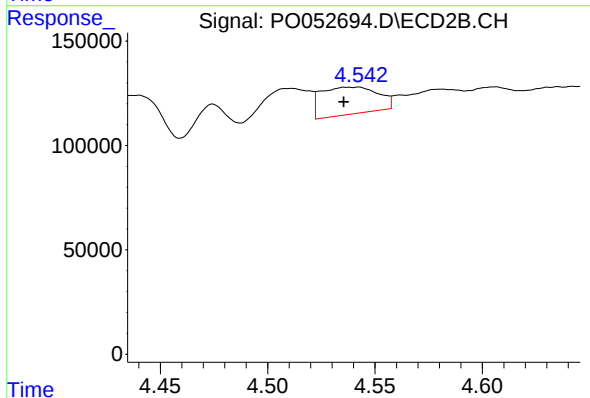
R.T.: 4.512 min  
Delta R.T.: 0.013 min  
Response: 258507  
Conc: 37.29 ng/ml



#23 AR-1248-3

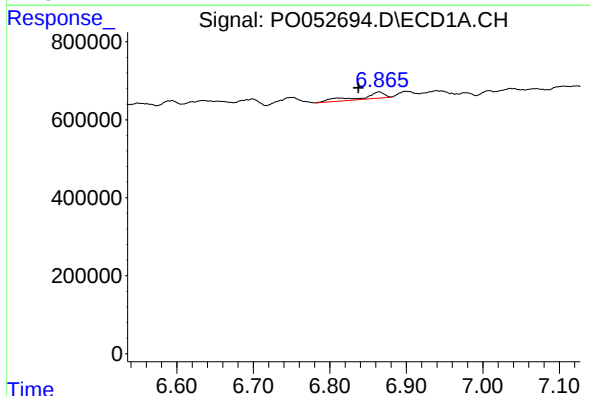
R.T.: 0.000 min  
Exp R.T.: 5.885 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



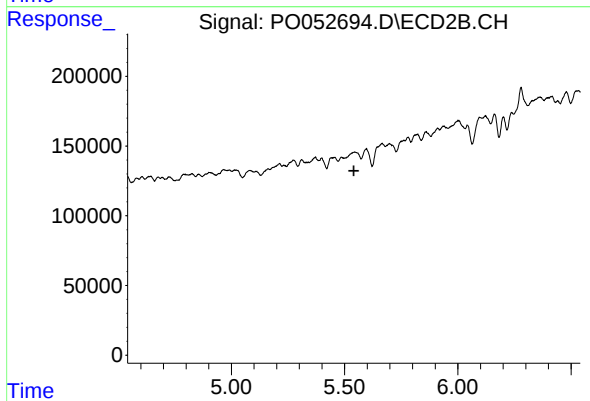
#23 AR-1248-3

R.T.: 4.543 min  
Delta R.T.: 0.007 min  
Response: 239411  
Conc: 34.47 ng/ml



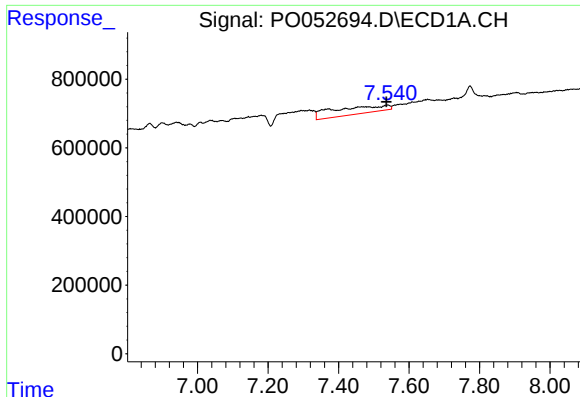
#28 AR-1254-3

R.T.: 6.865 min  
Delta R.T.: 0.027 min  
Response: 362157  
Conc: 9.19 ng/ml



#28 AR-1254-3

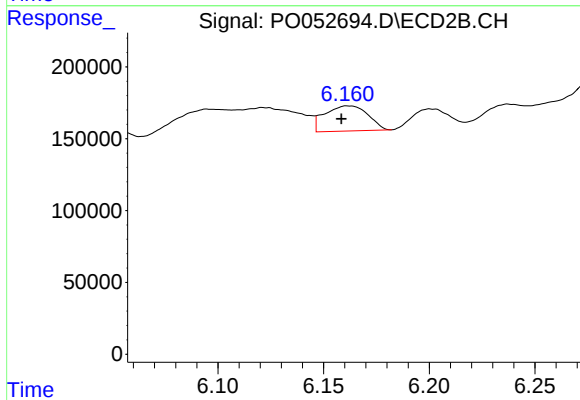
R.T.: 0.000 min  
Exp R.T.: 5.541 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

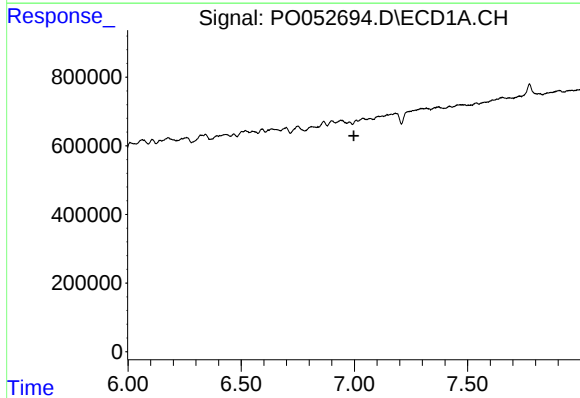
R.T.: 7.540 min  
Delta R.T.: 0.003 min  
Response: 2331721  
Conc: 80.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



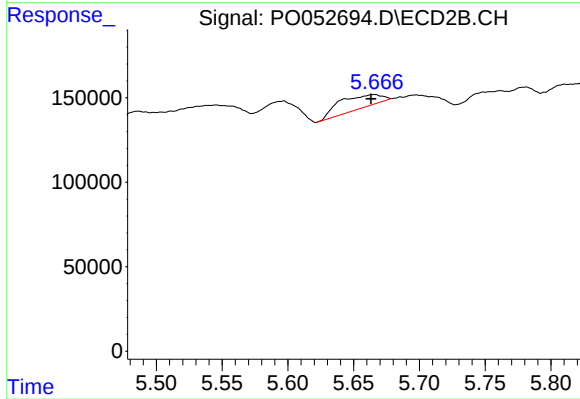
#30 AR-1254-5

R.T.: 6.161 min  
Delta R.T.: 0.002 min  
Response: 248771  
Conc: 14.93 ng/ml



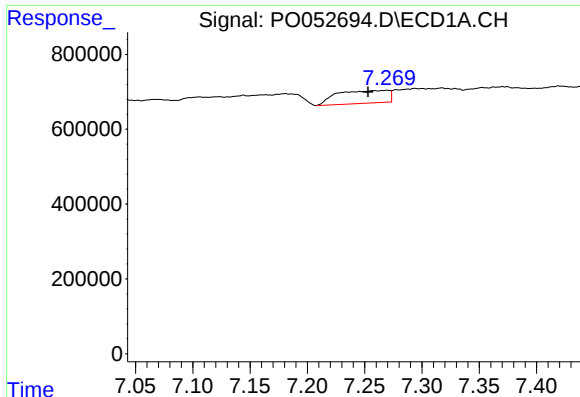
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.998 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

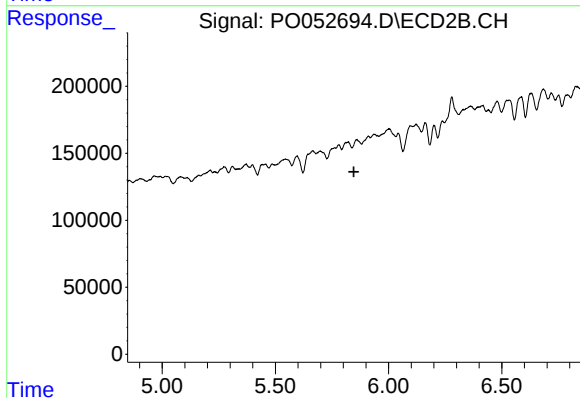
R.T.: 5.666 min  
Delta R.T.: 0.003 min  
Response: 172729  
Conc: 12.60 ng/ml



#32 AR-1260-2

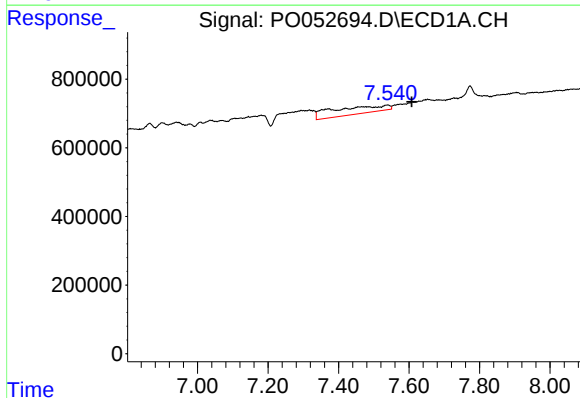
R.T.: 7.269 min  
Delta R.T.: 0.016 min  
Response: 1064115  
Conc: 30.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



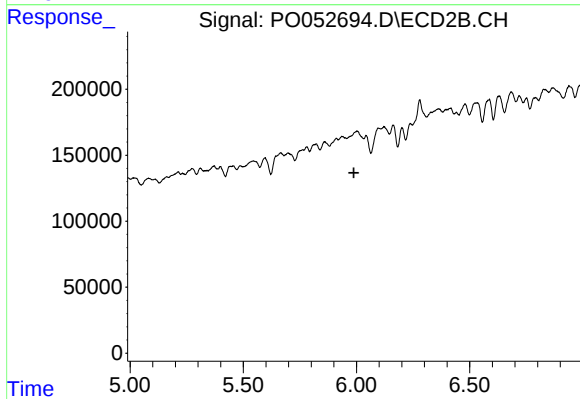
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 5.847 min  
Response: 0  
Conc: N.D.



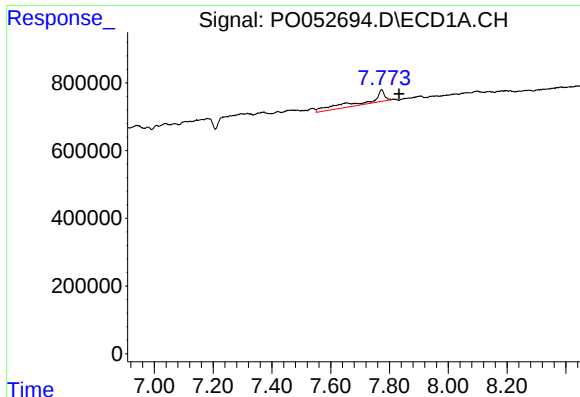
#33 AR-1260-3

R.T.: 7.540 min  
Delta R.T.: -0.068 min  
Response: 2331721  
Conc: 100.19 ng/ml



#33 AR-1260-3

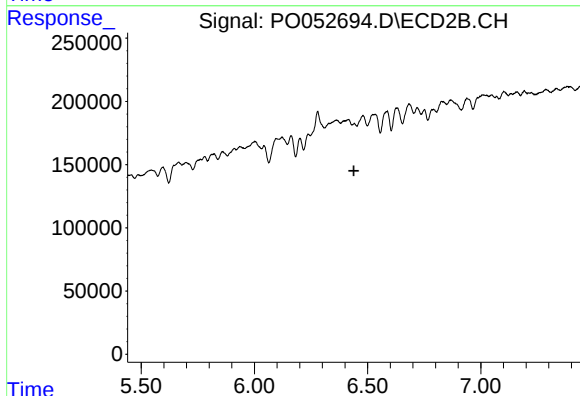
R.T.: 0.000 min  
Exp R.T. : 5.988 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

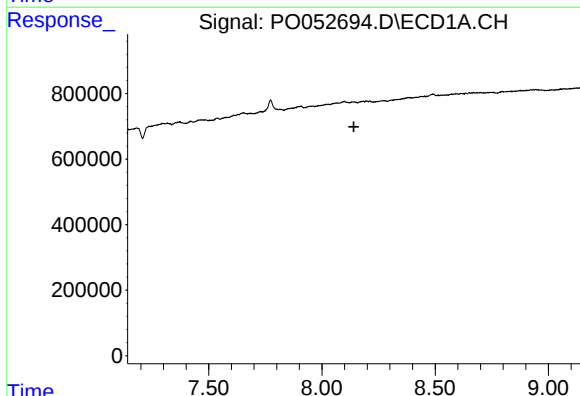
R.T.: 7.773 min  
Delta R.T.: -0.060 min  
Response: 1537532  
Conc: 61.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



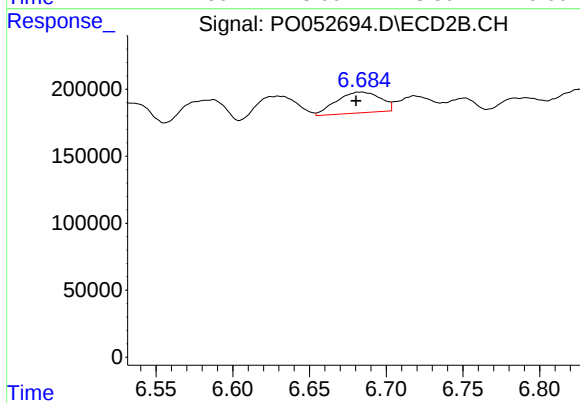
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.440 min  
Response: 0  
Conc: N.D.



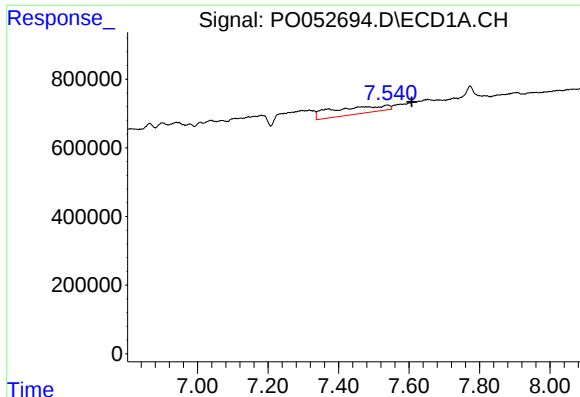
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.141 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

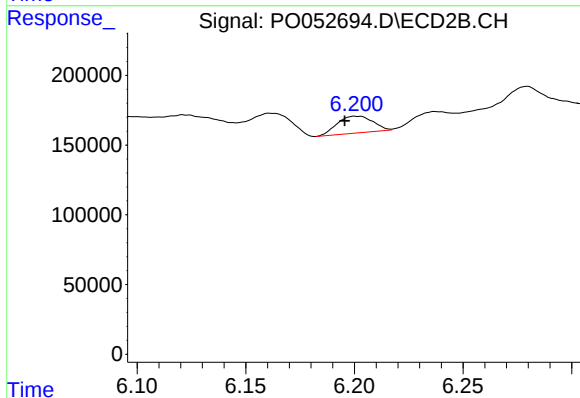
R.T.: 6.684 min  
Delta R.T.: 0.004 min  
Response: 311208  
Conc: 13.13 ng/ml



#36 AR-1262-1

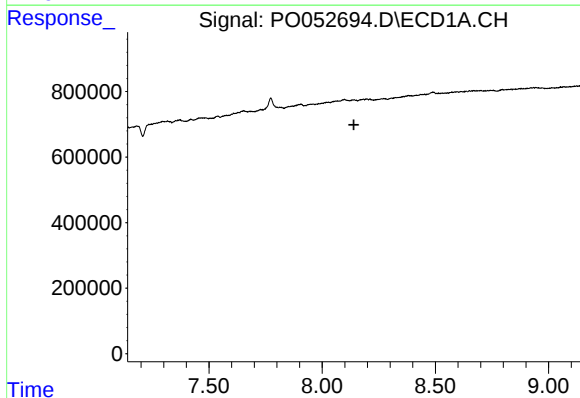
R.T.: 7.540 min  
Delta R.T.: -0.068 min  
Response: 2331721  
Conc: 59.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



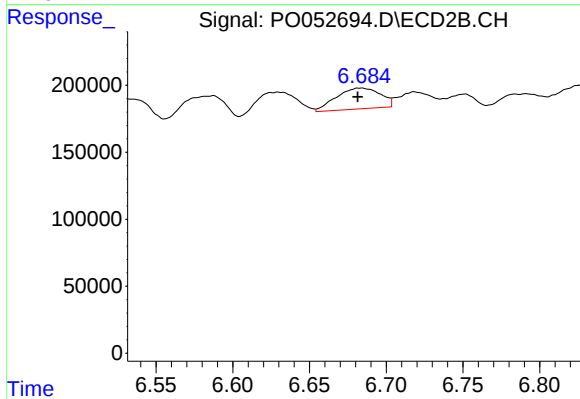
#36 AR-1262-1

R.T.: 6.200 min  
Delta R.T.: 0.005 min  
Response: 137890  
Conc: 7.58 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.140 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

R.T.: 6.684 min  
Delta R.T.: 0.003 min  
Response: 311208  
Conc: 10.90 ng/ml