

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP063022\  
 Data File : PP049060.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2022 09:51  
 Operator : YP\AJ  
 Sample : N3214-08  
 Misc : AR1221 LOQ 50 PPB  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 04:01:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP062822.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 29 09:37:18 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.343  | 3.593  | 27764996 | 50263336 | 19.531 | 19.629   |
| 2)                          | SA Decachlor... | 10.093 | 8.565  | 27631648 | 23601424 | 22.527 | 20.938   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.522  | 4.668  | 223283   | 292160   | 4.247  | 3.201    |
| 4)                          | L1 AR-1016-2    | 5.542  | 4.688  | 271938   | 454952   | 3.609  | 3.535    |
| 5)                          | L1 AR-1016-3    | 5.606  | 4.859  | 233180   | 213591   | 4.790  | 2.886 #  |
| 6)                          | L1 AR-1016-4    | 5.710  | 0.000  | 132283   | 0        | 3.408  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 5.998  | 5.118  | 94303    | 125022   | 2.472  | 1.676 #  |
| 8)                          | L2 AR-1221-1    | 4.558  | 3.804  | 1124655  | 1461048  | 65.973 | 43.529 # |
| 9)                          | L2 AR-1221-2    | 4.647  | 3.889  | 914776   | 1793288  | 71.556 | 69.857   |
| 10)                         | L2 AR-1221-3    | 4.721  | 3.964  | 1920116  | 3470056  | 48.520 | 47.189   |
| 11)                         | L3 AR-1232-1    | 4.721  | 3.964  | 1920116  | 3470056  | 50.500 | 49.949   |
| 12)                         | L3 AR-1232-2    | 5.252  | 4.688  | 193747   | 454952   | 10.250 | 7.081 #  |
| 13)                         | L3 AR-1232-3    | 5.542  | 4.859  | 271938   | 213591   | 7.357  | 6.067    |
| 14)                         | L3 AR-1232-4    | 5.710  | 0.000  | 132283   | 0        | 6.920  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.803  | 5.118  | 150488   | 125022   | 9.650  | 3.492 #  |
| 16)                         | L4 AR-1242-1    | 5.522  | 4.668  | 223283   | 292160   | 5.510  | 4.062 #  |
| 17)                         | L4 AR-1242-2    | 5.542  | 4.688  | 271938   | 454952   | 4.722  | 4.492    |
| 18)                         | L4 AR-1242-3    | 5.606  | 4.859  | 233180   | 213591   | 6.441  | 3.832 #  |
| 19)                         | L4 AR-1242-4    | 5.710  | 0.000  | 132283   | 0        | 4.496  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.446  | 5.492f | 72347    | 354050   | 2.168  | 5.085 #  |
| 21)                         | L5 AR-1248-1    | 5.522  | 4.668  | 223283   | 292160   | 6.943  | 5.027 #  |
| 22)                         | L5 AR-1248-2    | 5.803  | 0.000  | 150488   | 0        | 3.237  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 5.998  | 0.000  | 94303    | 0        | 1.761  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.404  | 5.118  | 131582   | 125022   | 2.129  | 1.267 #  |
| 25)                         | L5 AR-1248-5    | 6.446  | 5.492f | 72347    | 354050   | 1.255  | 3.529 #  |
| 26)                         | L6 AR-1254-1    | 6.384  | 5.492f | 288322   | 354050   | 4.277  | 2.412 #  |
| 27)                         | L6 AR-1254-2    | 6.607  | 0.000  | 87067    | 0        | 0.928  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.989f | 0.000  | 375169   | 0        | 3.697  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.678  | 0.000  | 206972   | 0        | 2.453  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.319  | 0        | 262780   | N.D.   | 1.959 #  |
| 35)                         | L7 AR-1260-5    | 8.284  | 0.000  | 407042   | 0        | 2.971  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.284  | 0.000  | 407042   | 0        | 2.379  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.488  | 0        | 707726   | N.D.   | 8.686 #  |
| 39)                         | L8 AR-1262-4    | 8.696  | 7.519f | 109265   | 51430    | 2.328  | 0.353 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.488  | 0        | 707726   | N.D.   | 3.290 #  |
| 42)                         | L9 AR-1268-2    | 8.696  | 7.519f | 109265   | 51430    | 0.625  | 0.269 #  |
| 43)                         | L9 AR-1268-3    | 8.924  | 0.000  | 311965   | 0        | 2.178  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 9.758  | 0.000  | 424597   | 0        | 0.921  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

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

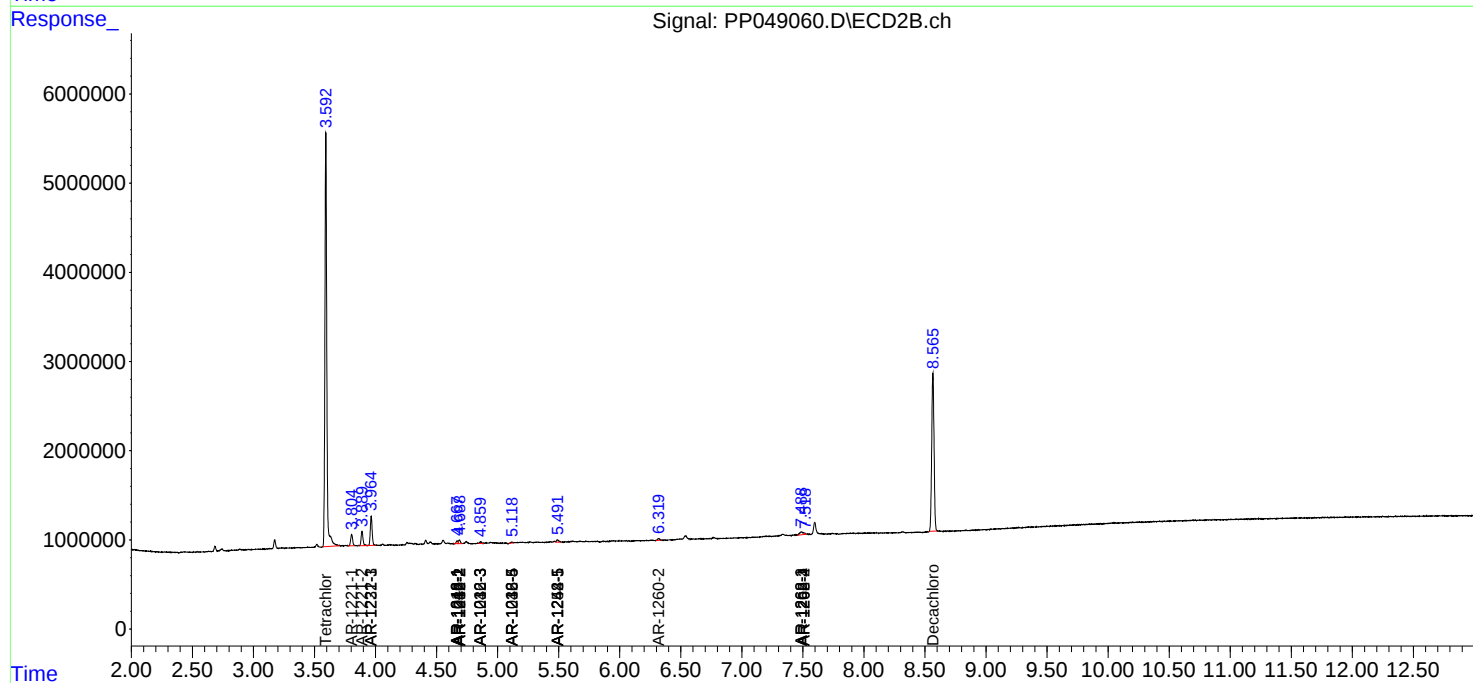
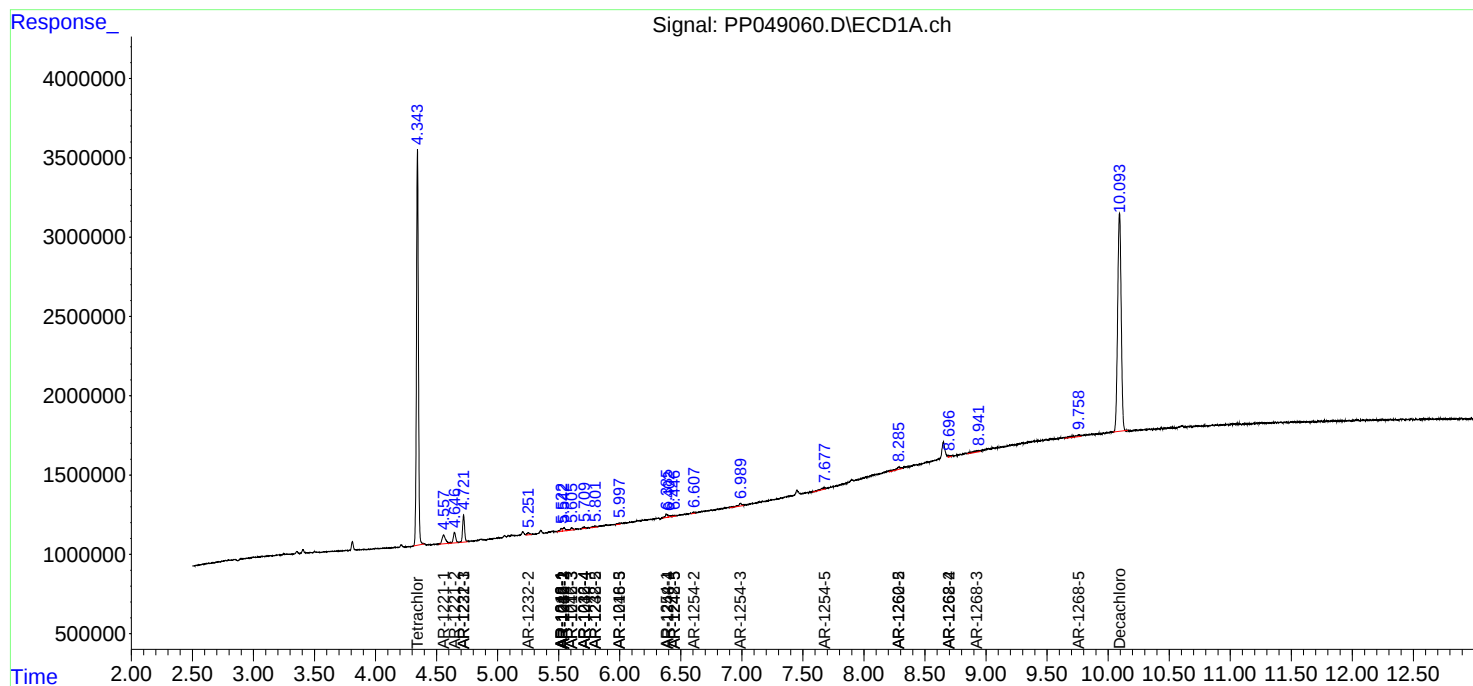
Instrument :  
ECD\_P  
ClientSampleId :

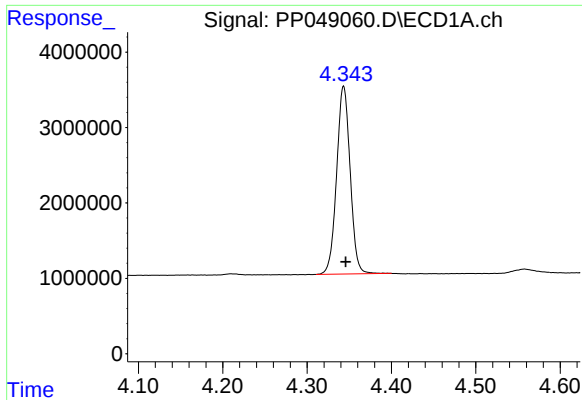
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP063022\  
Data File : PP049060.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jun 2022 09:51  
Operator : YP\AJ  
Sample : N3214-08  
Misc : AR1221 LOQ 50 PPB  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 04:01:14 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP062822.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 29 09:37:18 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

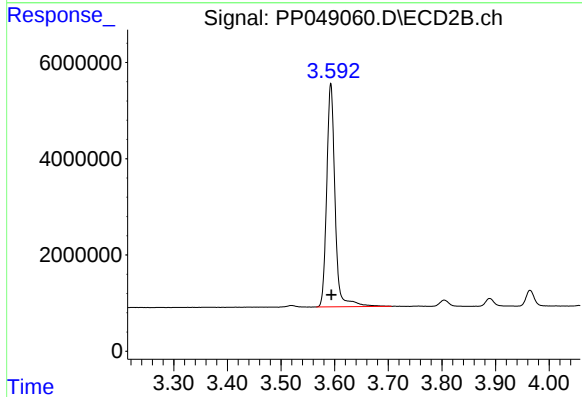




#1 Tetrachloro-m-xylene

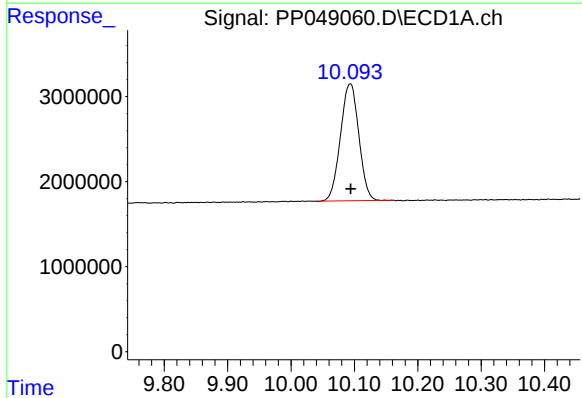
R.T.: 4.343 min  
Delta R.T.: -0.003 min  
Response: 27764996  
Conc: 19.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



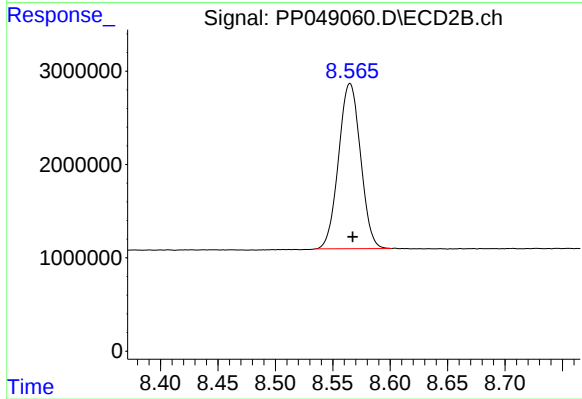
#1 Tetrachloro-m-xylene

R.T.: 3.593 min  
Delta R.T.: -0.001 min  
Response: 50263336  
Conc: 19.63 ng/ml



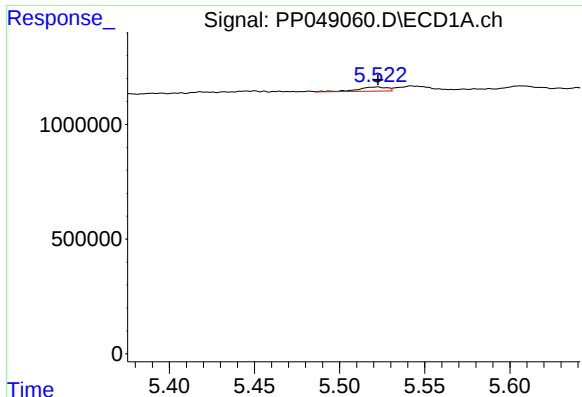
#2 Decachlorobiphenyl

R.T.: 10.093 min  
Delta R.T.: 0.000 min  
Response: 27631648  
Conc: 22.53 ng/ml



#2 Decachlorobiphenyl

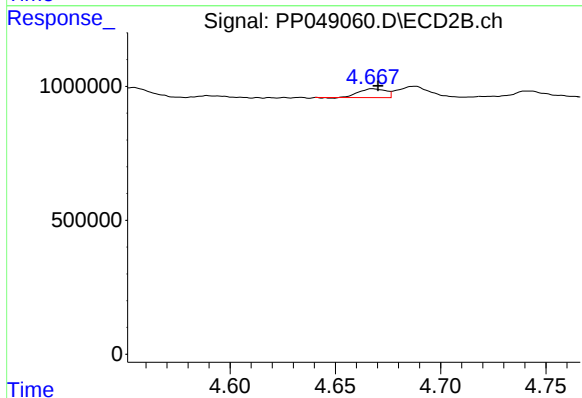
R.T.: 8.565 min  
Delta R.T.: -0.002 min  
Response: 23601424  
Conc: 20.94 ng/ml



#3 AR-1016-1

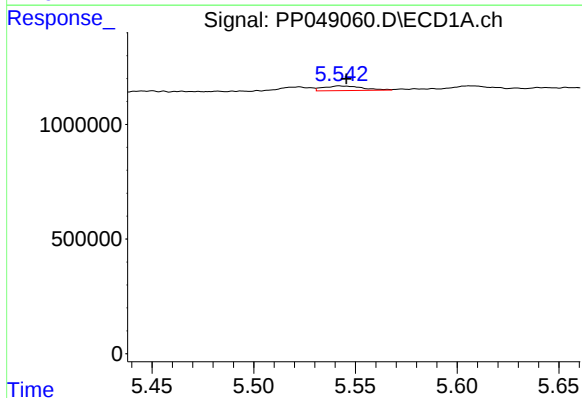
R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 223283  
Conc: 4.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



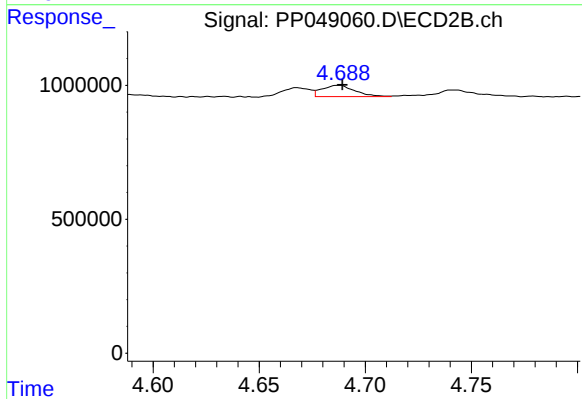
#3 AR-1016-1

R.T.: 4.668 min  
Delta R.T.: -0.003 min  
Response: 292160  
Conc: 3.20 ng/ml



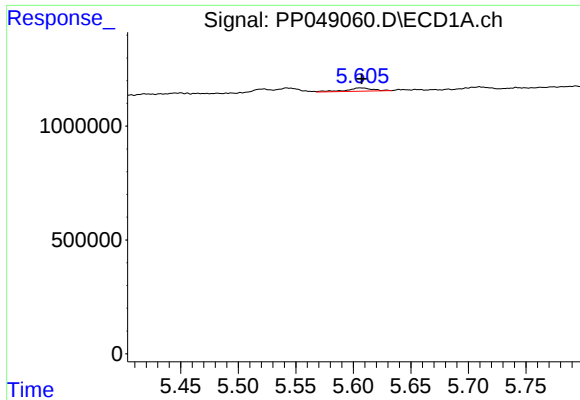
#4 AR-1016-2

R.T.: 5.542 min  
Delta R.T.: -0.003 min  
Response: 271938  
Conc: 3.61 ng/ml



#4 AR-1016-2

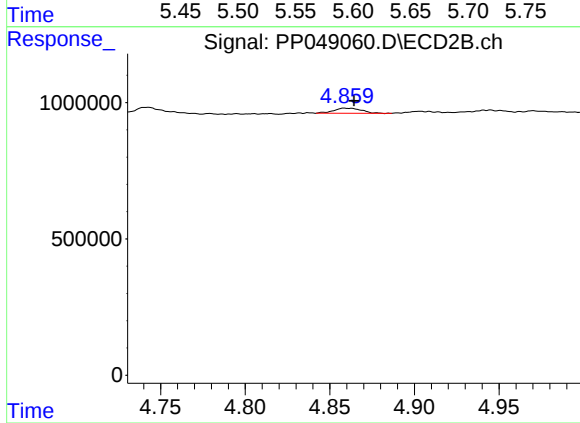
R.T.: 4.688 min  
Delta R.T.: -0.001 min  
Response: 454952  
Conc: 3.54 ng/ml



#5 AR-1016-3

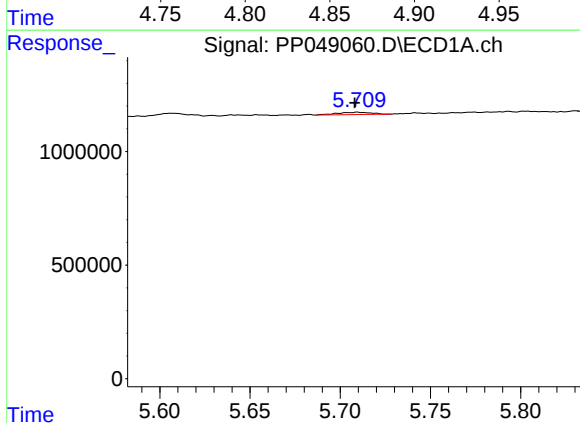
R.T.: 5.606 min  
Delta R.T.: 0.000 min  
Response: 233180  
Conc: 4.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



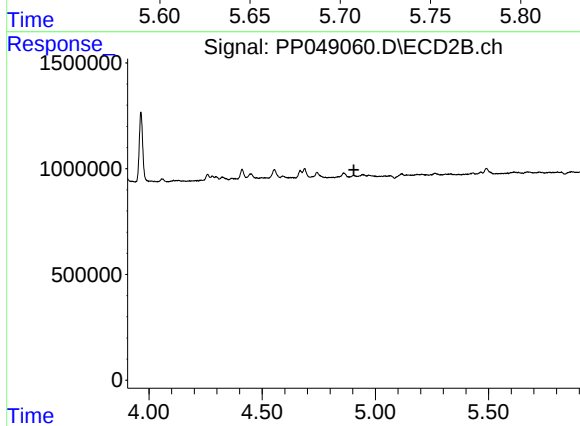
#5 AR-1016-3

R.T.: 4.859 min  
Delta R.T.: -0.006 min  
Response: 213591  
Conc: 2.89 ng/ml



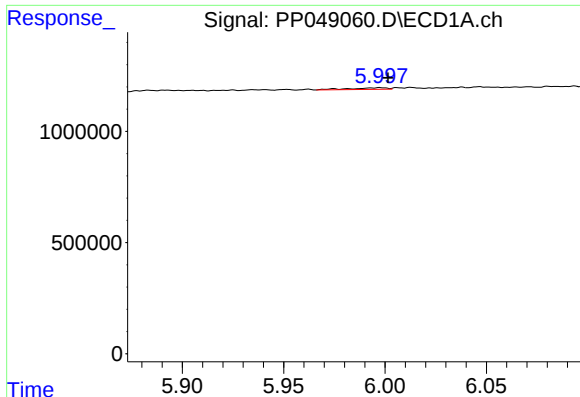
#6 AR-1016-4

R.T.: 5.710 min  
Delta R.T.: 0.002 min  
Response: 132283  
Conc: 3.41 ng/ml



#6 AR-1016-4

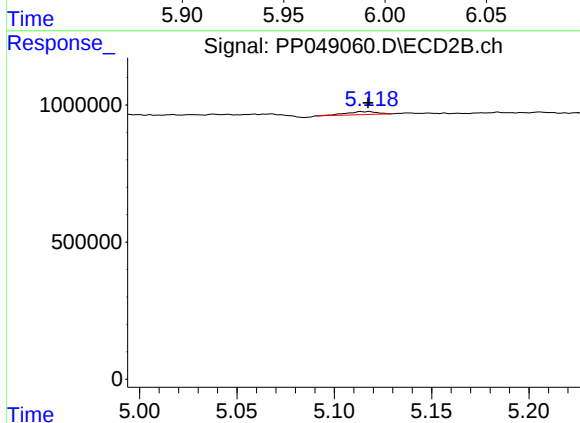
R.T.: 0.000 min  
Exp R.T.: 4.905 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

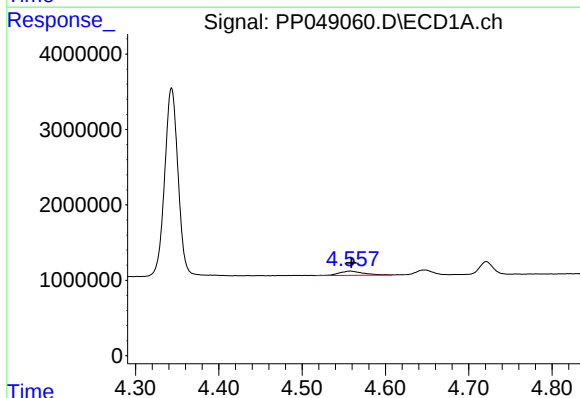
R.T.: 5.998 min  
Delta R.T.: -0.004 min  
Response: 94303  
Conc: 2.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



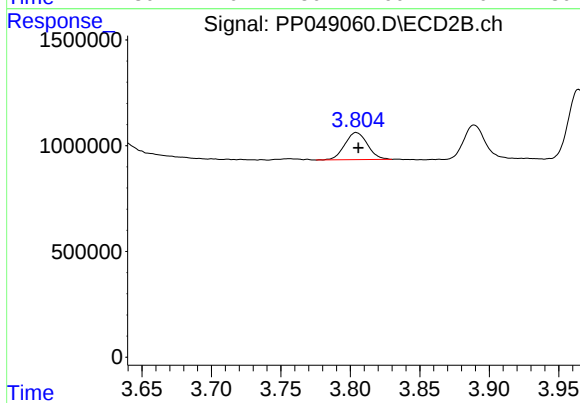
#7 AR-1016-5

R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 125022  
Conc: 1.68 ng/ml



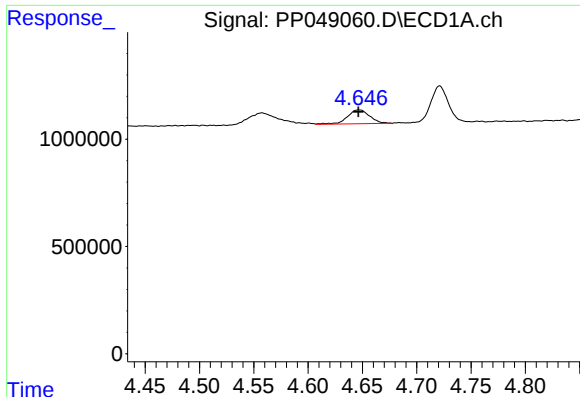
#8 AR-1221-1

R.T.: 4.558 min  
Delta R.T.: -0.001 min  
Response: 1124655  
Conc: 65.97 ng/ml



#8 AR-1221-1

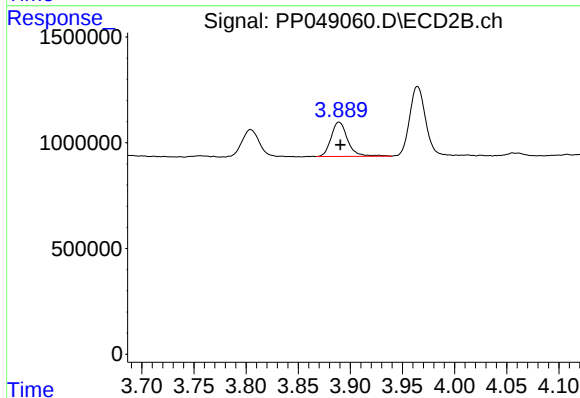
R.T.: 3.804 min  
Delta R.T.: -0.002 min  
Response: 1461048  
Conc: 43.53 ng/ml



#9 AR-1221-2

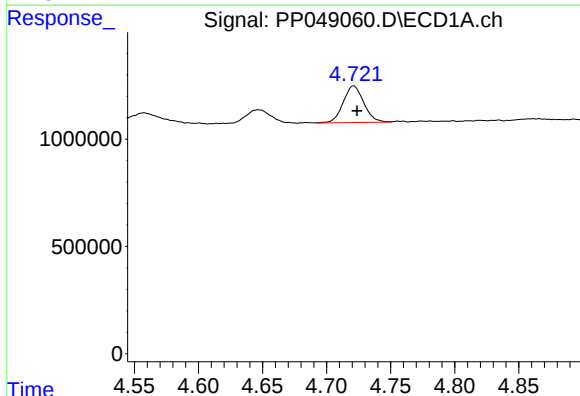
R.T.: 4.647 min  
Delta R.T.: 0.000 min  
Response: 914776  
Conc: 71.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



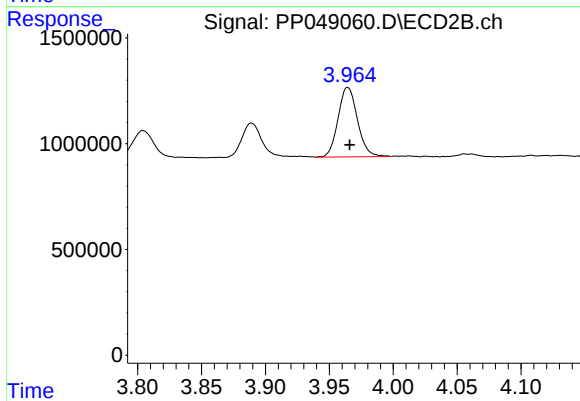
#9 AR-1221-2

R.T.: 3.889 min  
Delta R.T.: -0.002 min  
Response: 1793288  
Conc: 69.86 ng/ml



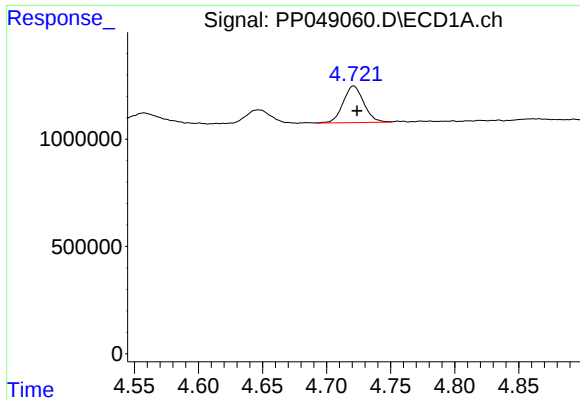
#10 AR-1221-3

R.T.: 4.721 min  
Delta R.T.: -0.003 min  
Response: 1920116  
Conc: 48.52 ng/ml



#10 AR-1221-3

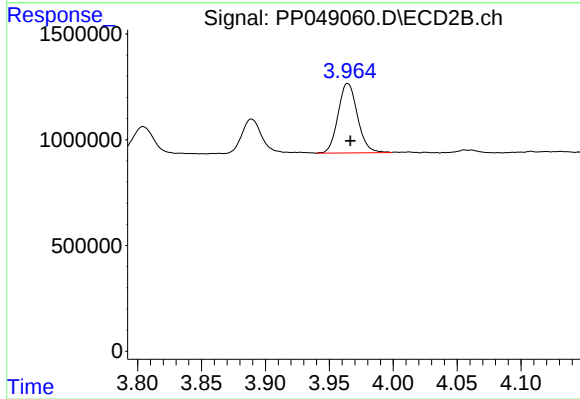
R.T.: 3.964 min  
Delta R.T.: -0.002 min  
Response: 3470056  
Conc: 47.19 ng/ml



#11 AR-1232-1

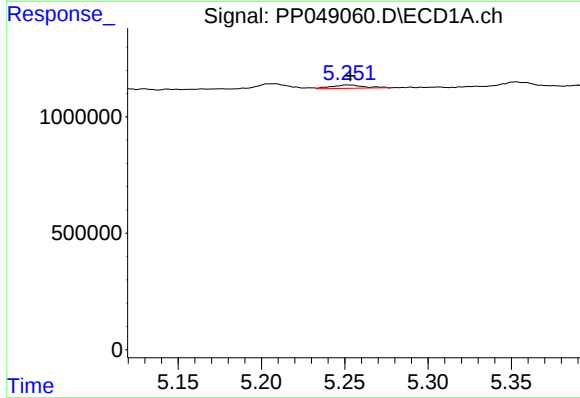
R.T.: 4.721 min  
Delta R.T.: -0.003 min  
Response: 1920116  
Conc: 50.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



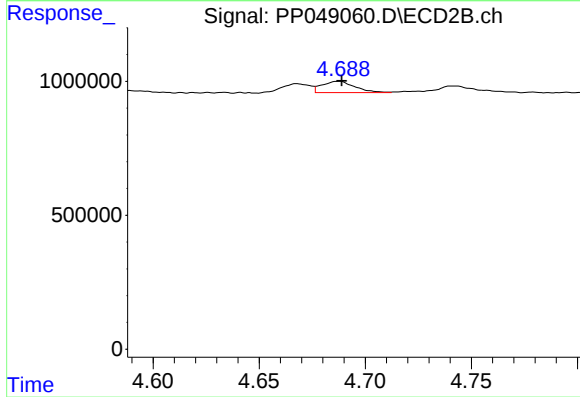
#11 AR-1232-1

R.T.: 3.964 min  
Delta R.T.: -0.002 min  
Response: 3470056  
Conc: 49.95 ng/ml



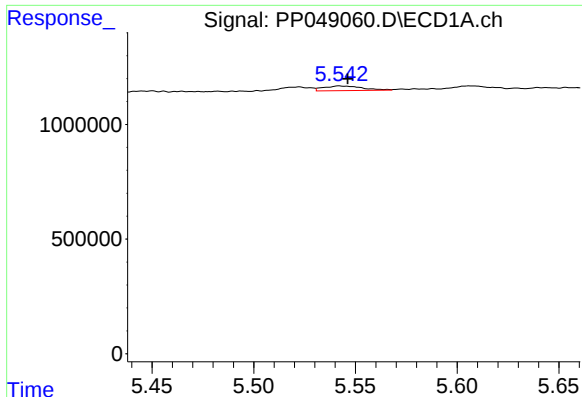
#12 AR-1232-2

R.T.: 5.252 min  
Delta R.T.: -0.002 min  
Response: 193747  
Conc: 10.25 ng/ml



#12 AR-1232-2

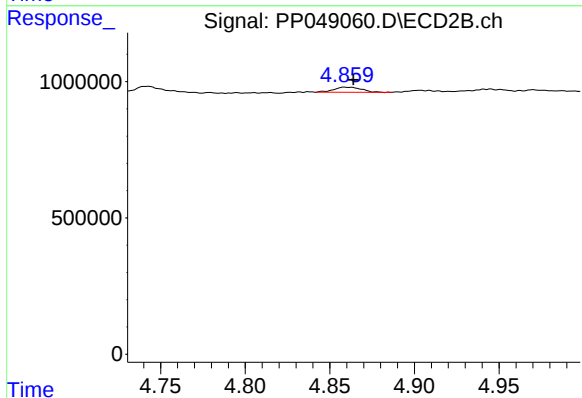
R.T.: 4.688 min  
Delta R.T.: 0.000 min  
Response: 454952  
Conc: 7.08 ng/ml



#13 AR-1232-3

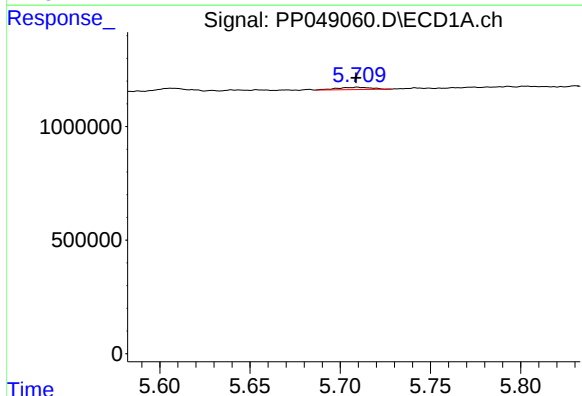
R.T.: 5.542 min  
Delta R.T.: -0.004 min  
Response: 271938  
Conc: 7.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



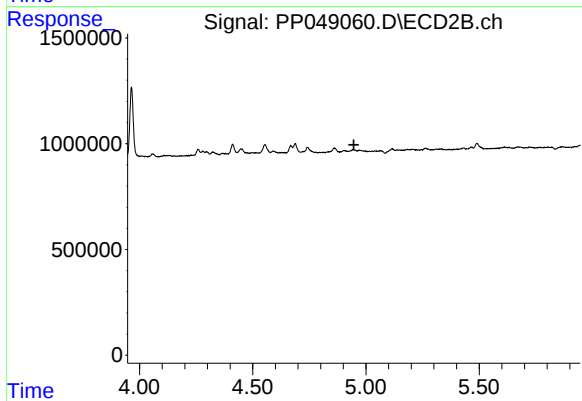
#13 AR-1232-3

R.T.: 4.859 min  
Delta R.T.: -0.005 min  
Response: 213591  
Conc: 6.07 ng/ml



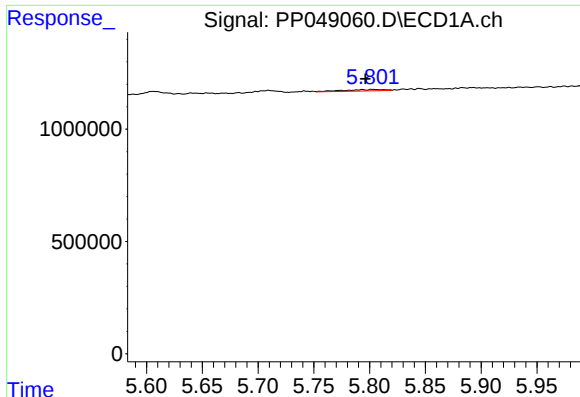
#14 AR-1232-4

R.T.: 5.710 min  
Delta R.T.: 0.000 min  
Response: 132283  
Conc: 6.92 ng/ml



#14 AR-1232-4

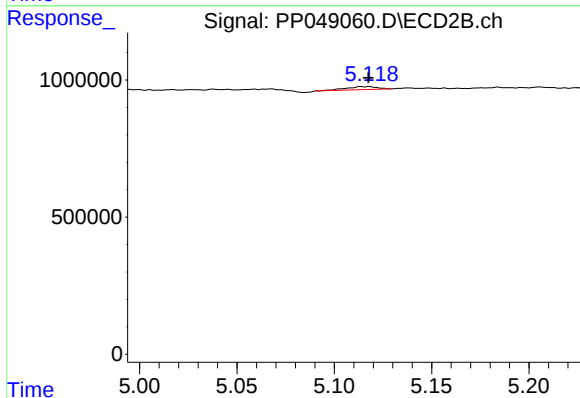
R.T.: 0.000 min  
Exp R.T. : 4.947 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

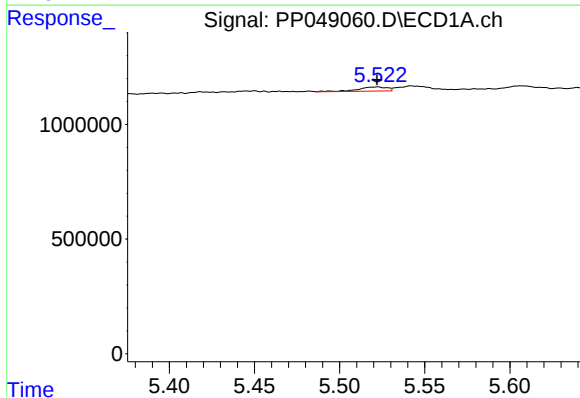
R.T.: 5.803 min  
Delta R.T.: 0.006 min  
Response: 150488  
Conc: 9.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



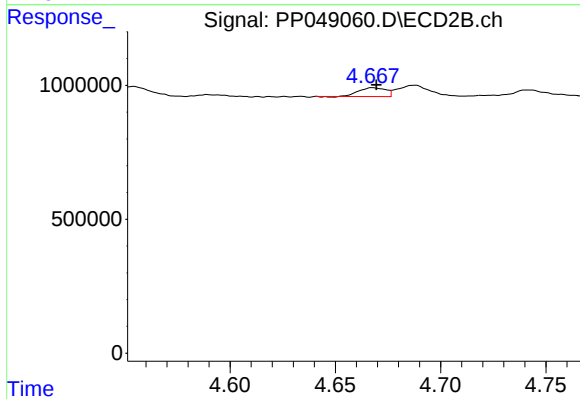
#15 AR-1232-5

R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 125022  
Conc: 3.49 ng/ml



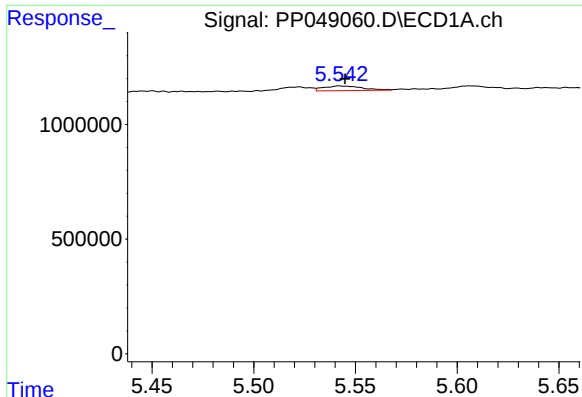
#16 AR-1242-1

R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 223283  
Conc: 5.51 ng/ml



#16 AR-1242-1

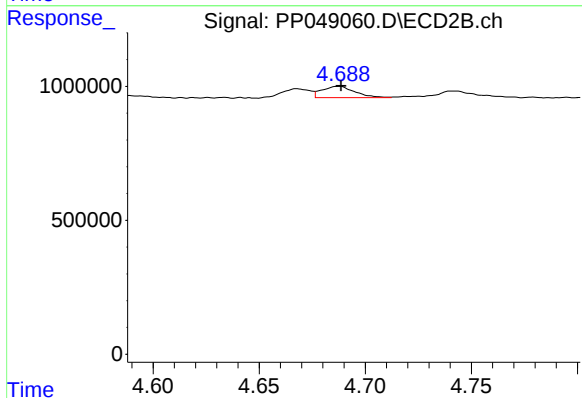
R.T.: 4.668 min  
Delta R.T.: -0.002 min  
Response: 292160  
Conc: 4.06 ng/ml



#17 AR-1242-2

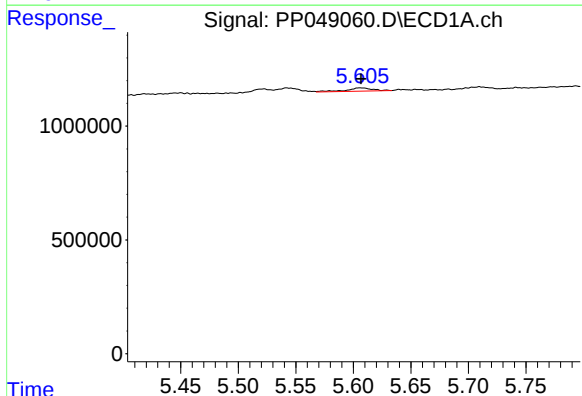
R.T.: 5.542 min  
Delta R.T.: -0.003 min  
Response: 271938  
Conc: 4.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



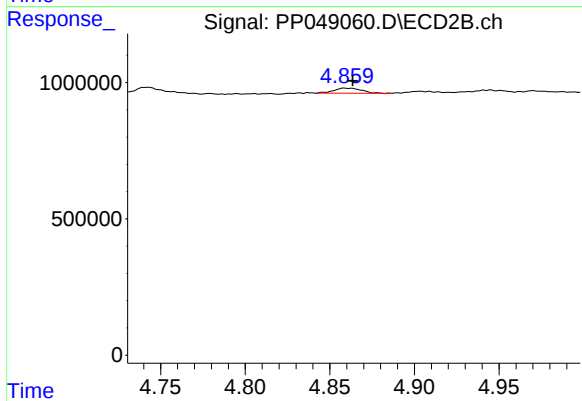
#17 AR-1242-2

R.T.: 4.688 min  
Delta R.T.: 0.000 min  
Response: 454952  
Conc: 4.49 ng/ml



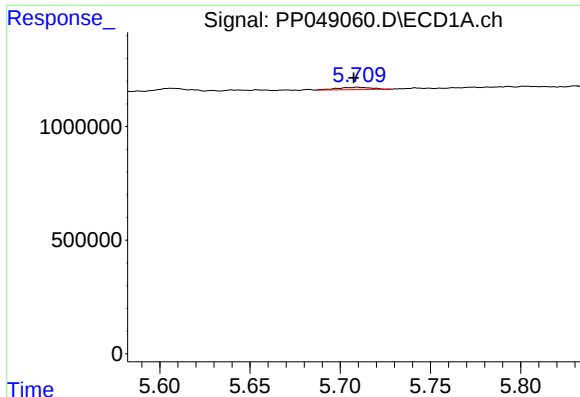
#18 AR-1242-3

R.T.: 5.606 min  
Delta R.T.: 0.000 min  
Response: 233180  
Conc: 6.44 ng/ml



#18 AR-1242-3

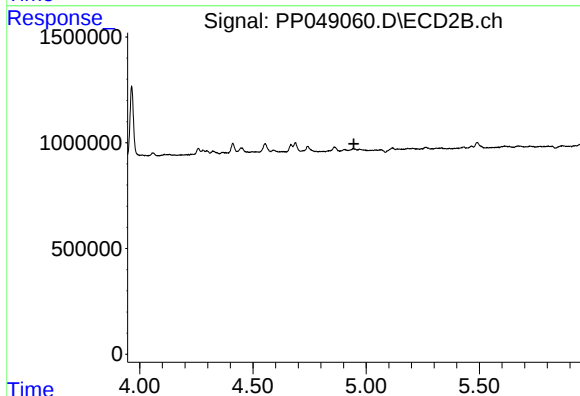
R.T.: 4.859 min  
Delta R.T.: -0.005 min  
Response: 213591  
Conc: 3.83 ng/ml



#19 AR-1242-4

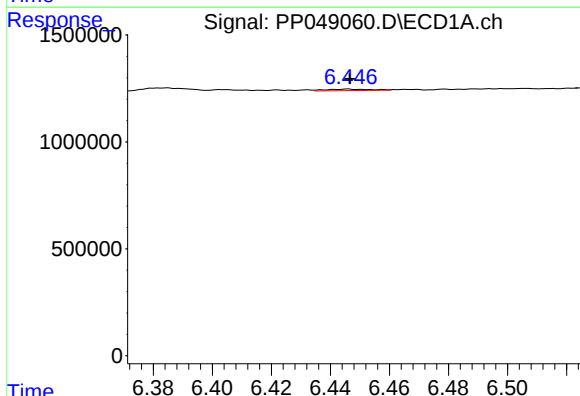
R.T.: 5.710 min  
Delta R.T.: 0.002 min  
Response: 132283  
Conc: 4.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



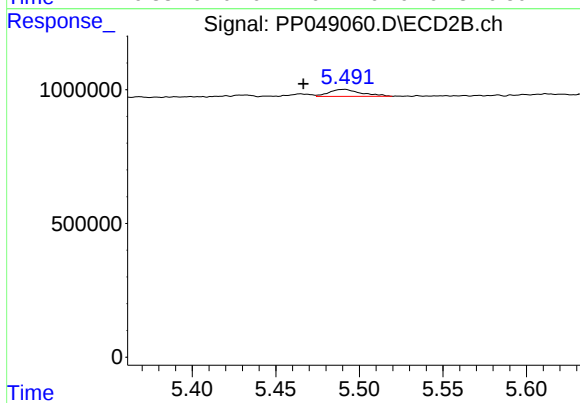
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.946 min  
Response: 0  
Conc: N.D.



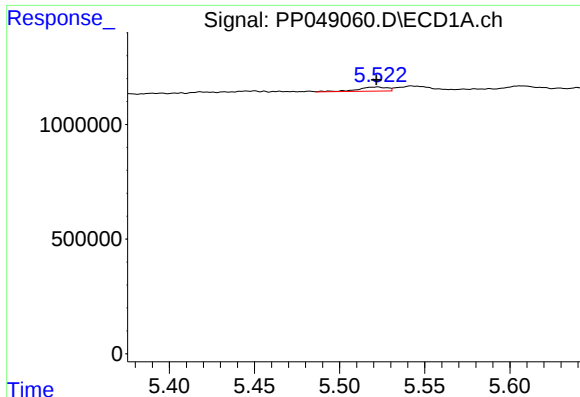
#20 AR-1242-5

R.T.: 6.446 min  
Delta R.T.: 0.000 min  
Response: 72347  
Conc: 2.17 ng/ml



#20 AR-1242-5

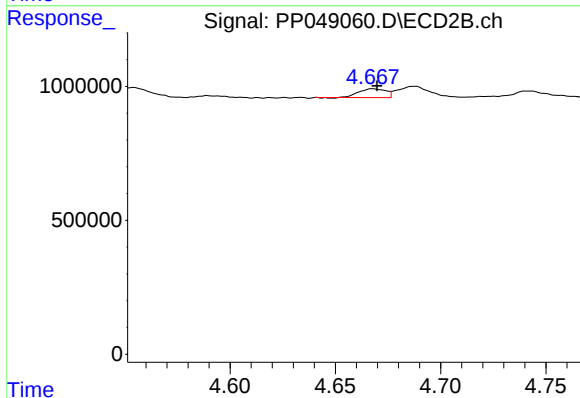
R.T.: 5.492 min  
Delta R.T.: 0.025 min  
Response: 354050  
Conc: 5.09 ng/ml



#21 AR-1248-1

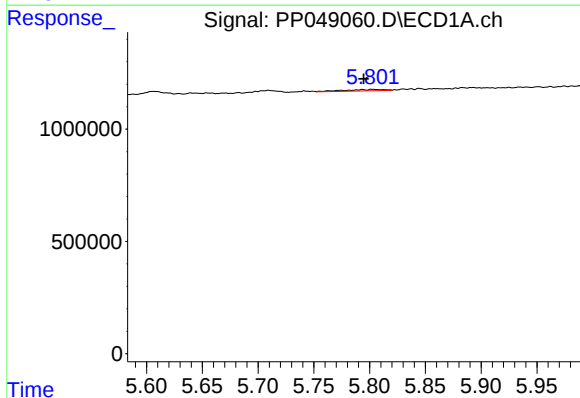
R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 223283  
Conc: 6.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



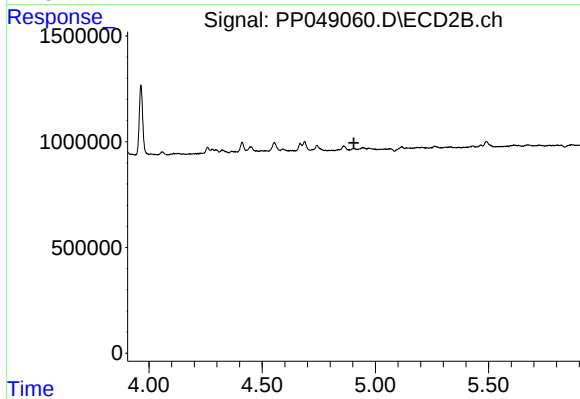
#21 AR-1248-1

R.T.: 4.668 min  
Delta R.T.: -0.002 min  
Response: 292160  
Conc: 5.03 ng/ml



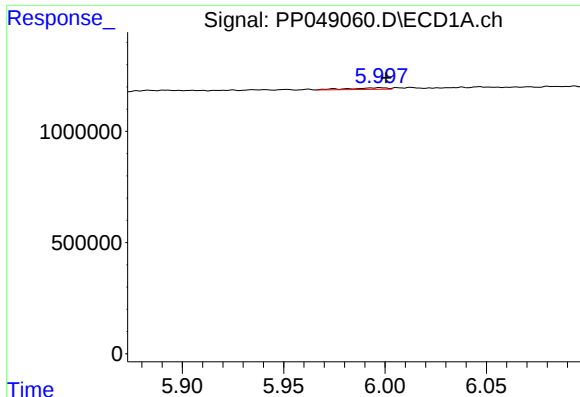
#22 AR-1248-2

R.T.: 5.803 min  
Delta R.T.: 0.008 min  
Response: 150488  
Conc: 3.24 ng/ml



#22 AR-1248-2

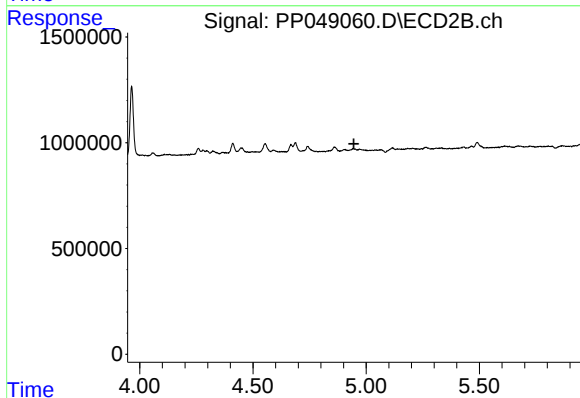
R.T.: 0.000 min  
Exp R.T. : 4.905 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

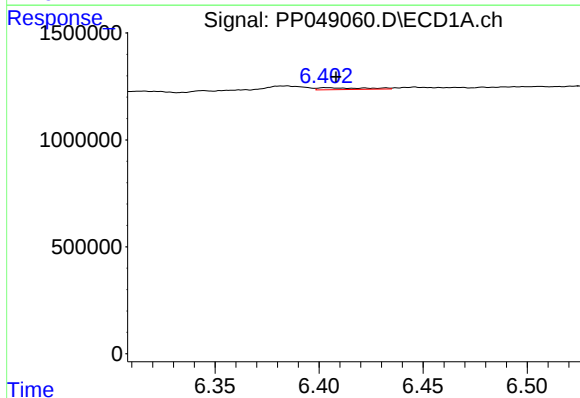
R.T.: 5.998 min  
Delta R.T.: -0.003 min  
Response: 94303  
Conc: 1.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



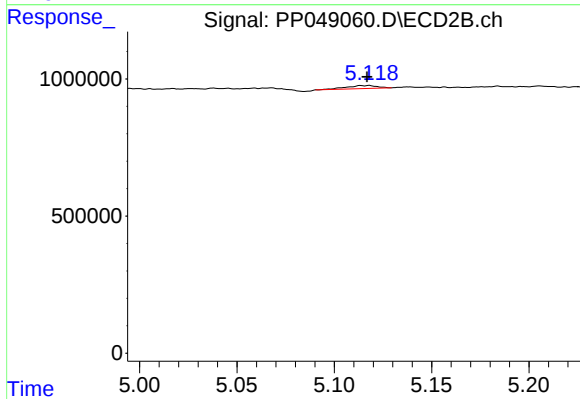
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.946 min  
Response: 0  
Conc: N.D.



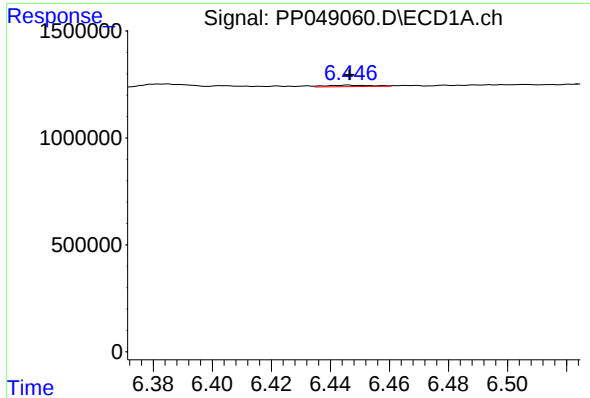
#24 AR-1248-4

R.T.: 6.404 min  
Delta R.T.: -0.005 min  
Response: 131582  
Conc: 2.13 ng/ml



#24 AR-1248-4

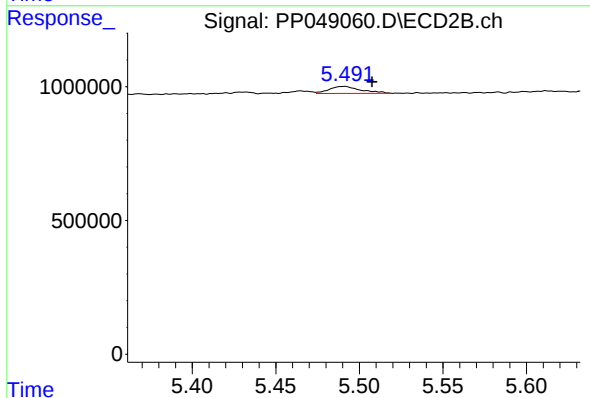
R.T.: 5.118 min  
Delta R.T.: 0.001 min  
Response: 125022  
Conc: 1.27 ng/ml



#25 AR-1248-5

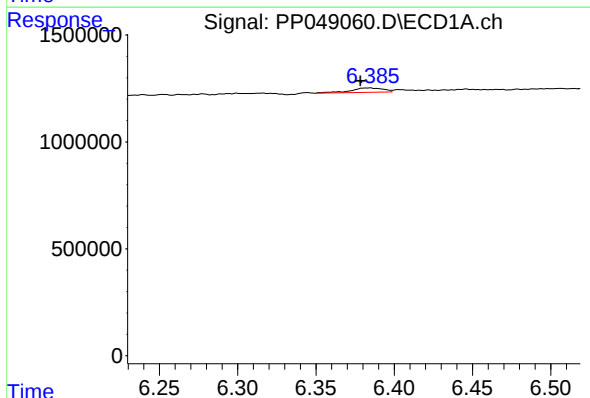
R.T.: 6.446 min  
Delta R.T.: 0.000 min  
Response: 72347  
Conc: 1.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



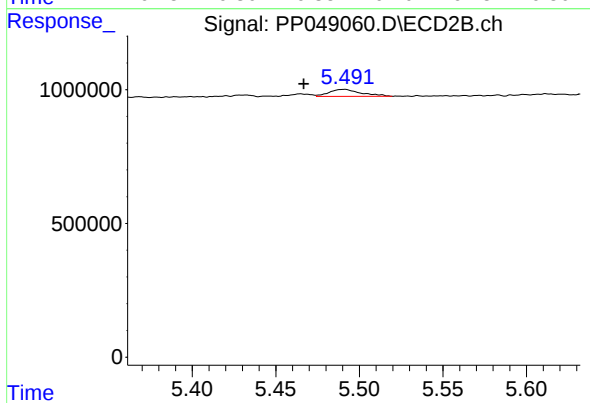
#25 AR-1248-5

R.T.: 5.492 min  
Delta R.T.: -0.016 min  
Response: 354050  
Conc: 3.53 ng/ml



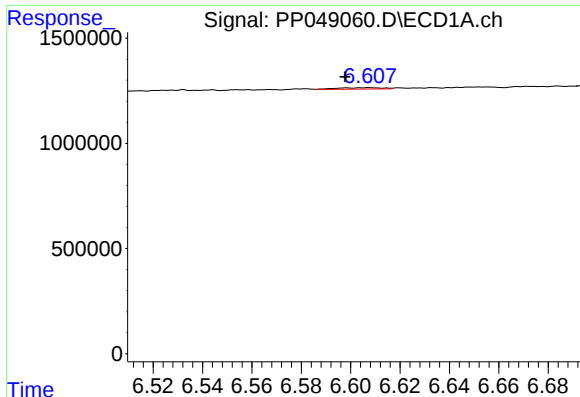
#26 AR-1254-1

R.T.: 6.384 min  
Delta R.T.: 0.005 min  
Response: 288322  
Conc: 4.28 ng/ml



#26 AR-1254-1

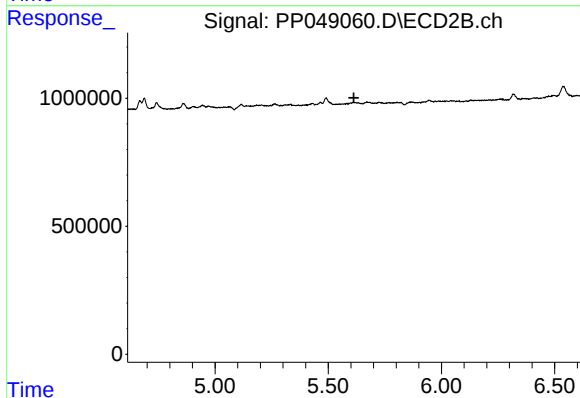
R.T.: 5.492 min  
Delta R.T.: 0.025 min  
Response: 354050  
Conc: 2.41 ng/ml



#27 AR-1254-2

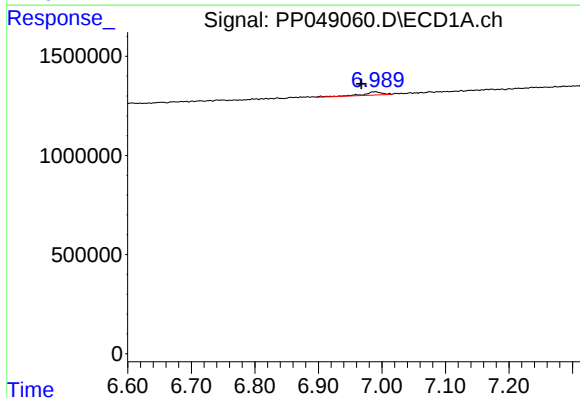
R.T.: 6.607 min  
Delta R.T.: 0.010 min  
Response: 87067  
Conc: 0.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



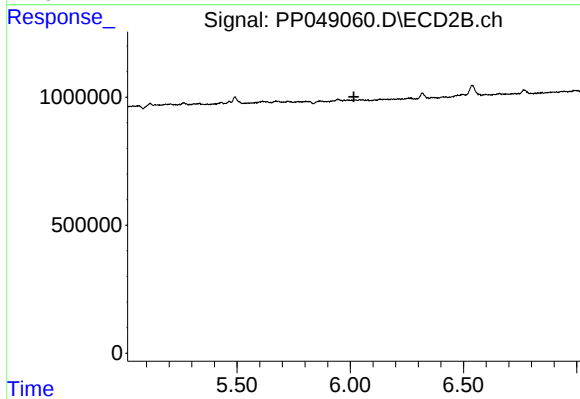
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.613 min  
Response: 0  
Conc: N.D.



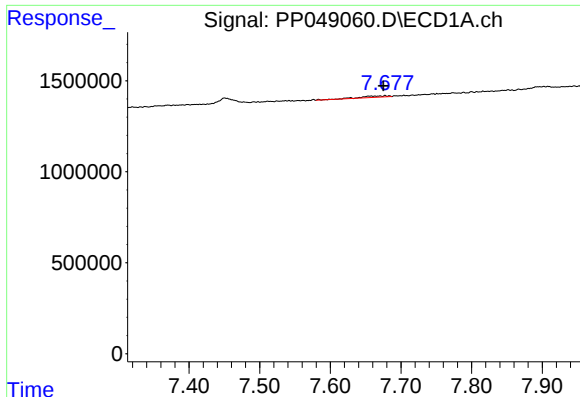
#28 AR-1254-3

R.T.: 6.989 min  
Delta R.T.: 0.021 min  
Response: 375169  
Conc: 3.70 ng/ml



#28 AR-1254-3

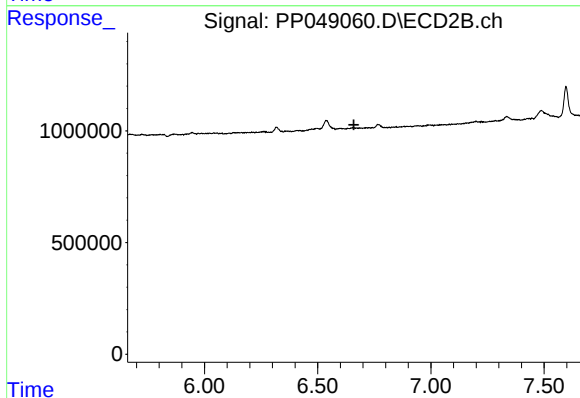
R.T.: 0.000 min  
Exp R.T. : 6.016 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

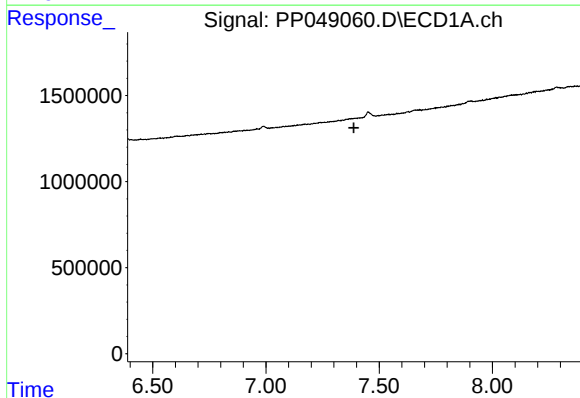
R.T.: 7.678 min  
Delta R.T.: 0.003 min  
Response: 206972  
Conc: 2.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



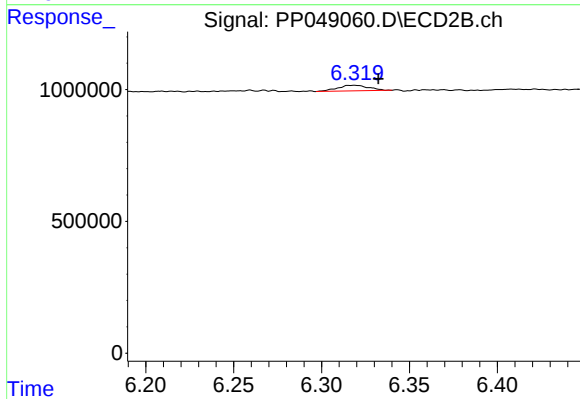
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.660 min  
Response: 0  
Conc: N.D.



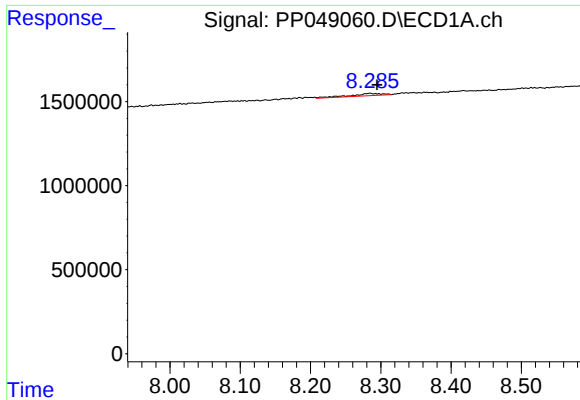
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.388 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

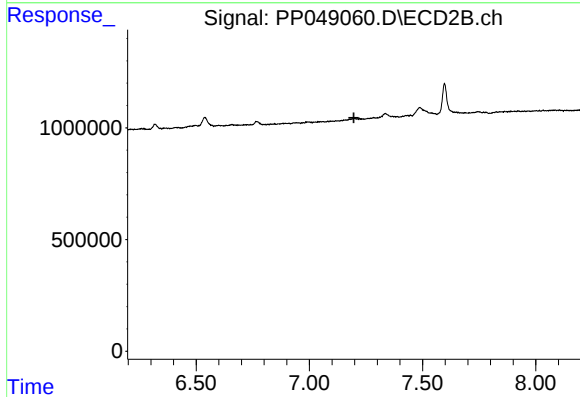
R.T.: 6.319 min  
Delta R.T.: -0.013 min  
Response: 262780  
Conc: 1.96 ng/ml



#35 AR-1260-5

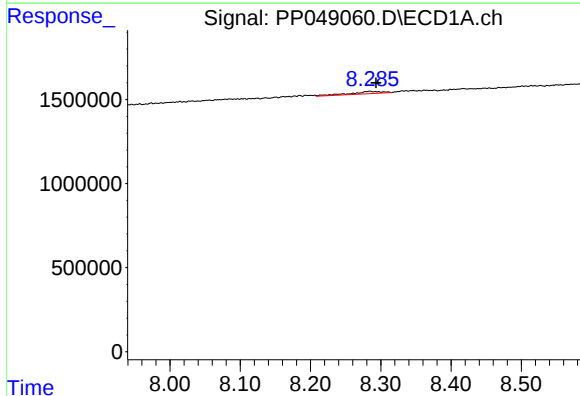
R.T.: 8.284 min  
Delta R.T.: -0.011 min  
Response: 407042  
Conc: 2.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



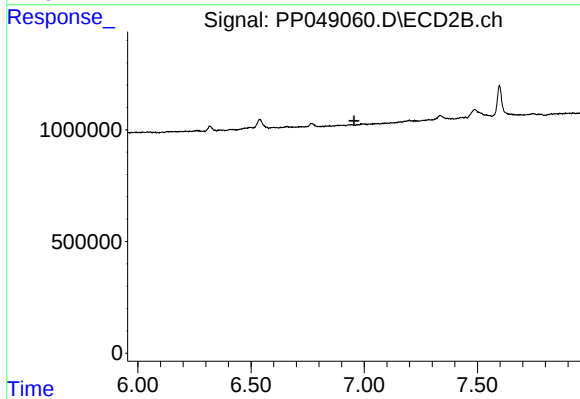
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.197 min  
Response: 0  
Conc: N.D.



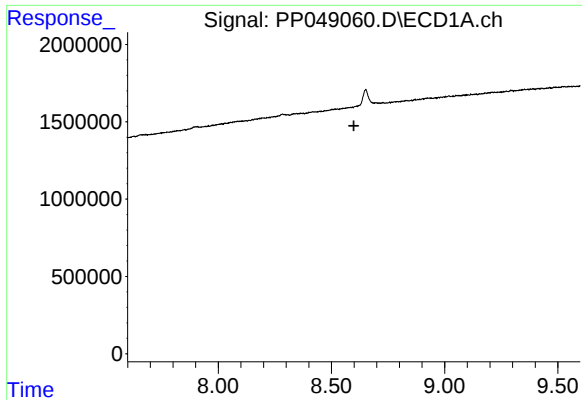
#37 AR-1262-2

R.T.: 8.284 min  
Delta R.T.: -0.009 min  
Response: 407042  
Conc: 2.38 ng/ml



#37 AR-1262-2

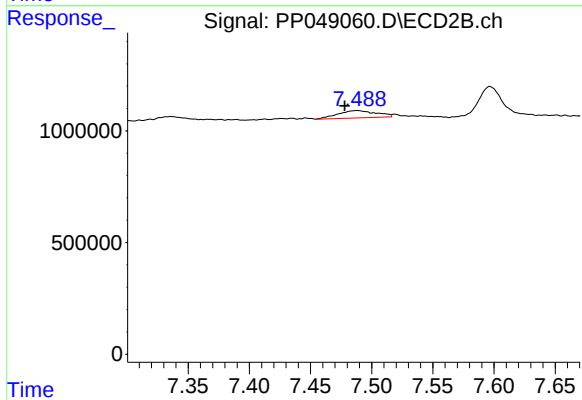
R.T.: 0.000 min  
Exp R.T. : 6.955 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

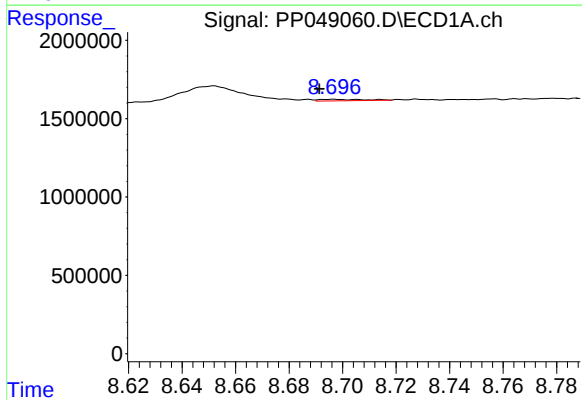
R.T.: 0.000 min  
Exp R.T.: 8.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



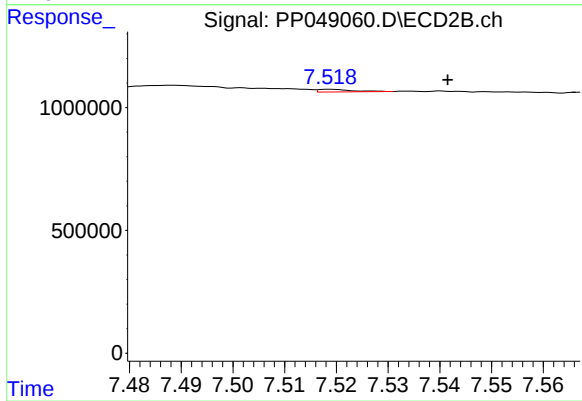
#38 AR-1262-3

R.T.: 7.488 min  
Delta R.T.: 0.011 min  
Response: 707726  
Conc: 8.69 ng/ml



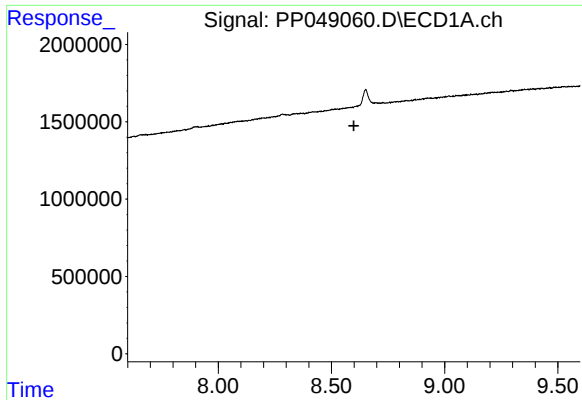
#39 AR-1262-4

R.T.: 8.696 min  
Delta R.T.: 0.005 min  
Response: 109265  
Conc: 2.33 ng/ml



#39 AR-1262-4

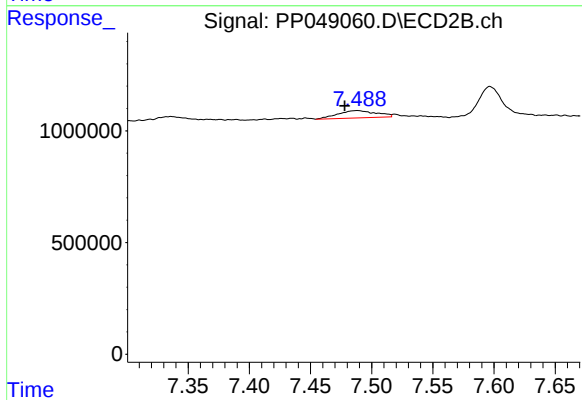
R.T.: 7.519 min  
Delta R.T.: -0.023 min  
Response: 51430  
Conc: 0.35 ng/ml



#41 AR-1268-1

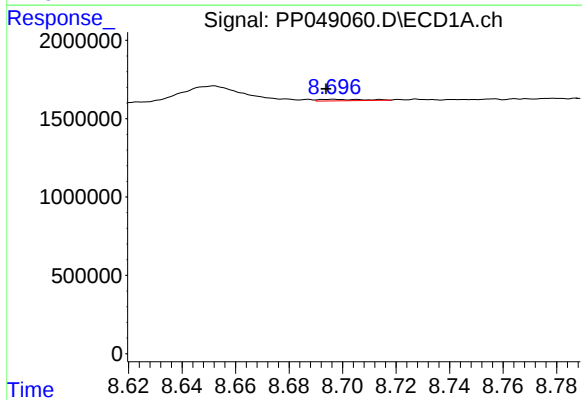
R.T.: 0.000 min  
Exp R.T.: 8.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



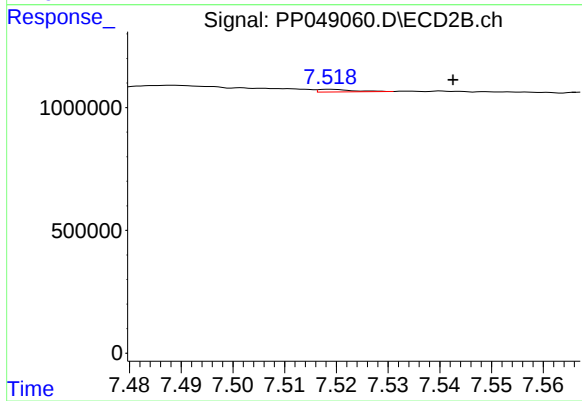
#41 AR-1268-1

R.T.: 7.488 min  
Delta R.T.: 0.010 min  
Response: 707726  
Conc: 3.29 ng/ml



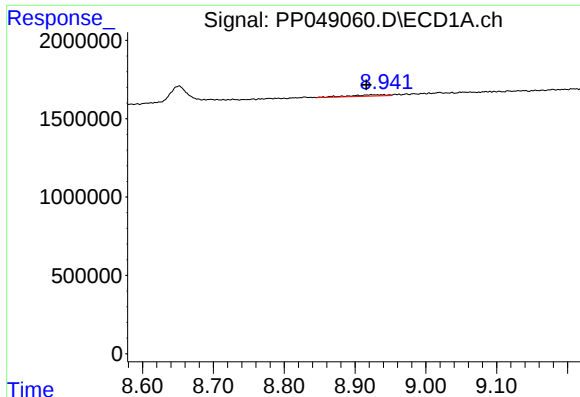
#42 AR-1268-2

R.T.: 8.696 min  
Delta R.T.: 0.002 min  
Response: 109265  
Conc: 0.62 ng/ml



#42 AR-1268-2

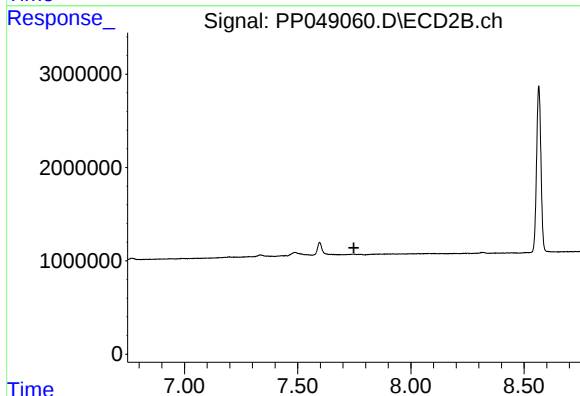
R.T.: 7.519 min  
Delta R.T.: -0.024 min  
Response: 51430  
Conc: 0.27 ng/ml



#43 AR-1268-3

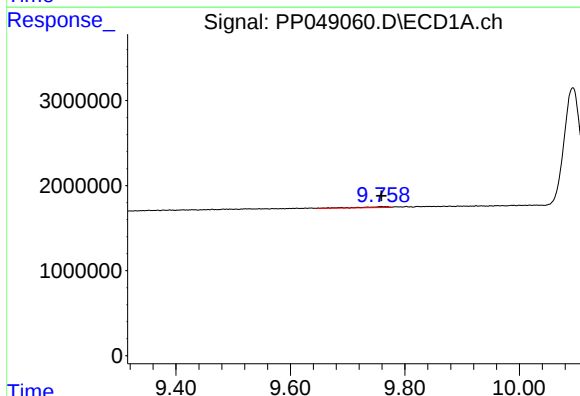
R.T.: 8.924 min  
Delta R.T.: 0.008 min  
Response: 311965  
Conc: 2.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



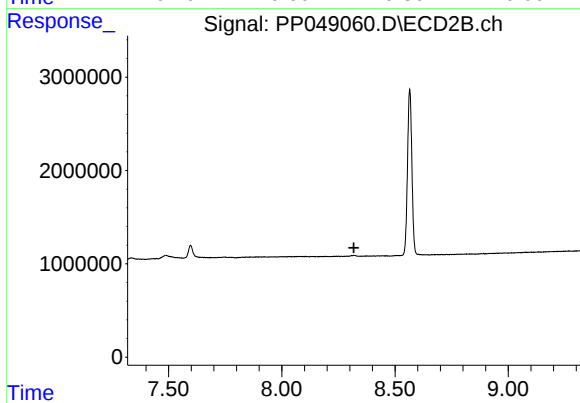
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.748 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.758 min  
Delta R.T.: 0.000 min  
Response: 424597  
Conc: 0.92 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.318 min  
Response: 0  
Conc: N.D.