

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP010825\  
 Data File : PP069020.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jan 2025 18:19  
 Operator : YP\AJ  
 Sample : Q1024-01 10X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 KMH455R-1-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 09 00:16:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP010625.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 07 11:05:55 2025  
 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... | 4.667  | 3.979  | 2089360 | 1493924 | 1.502  | 1.530     |
| 2)                          | SA Decachlor... | 10.515 | 9.105  | 2209199 | 2115532 | 1.979  | 1.761     |
|                             |                 |        |        |         |         |        |           |
| Target Compounds            |                 |        |        |         |         |        |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.329f | 0       | 75467   | N.D.   | 2.785 #   |
| 6)                          | L1 AR-1016-4    | 6.073f | 5.329  | 1012006 | 75467   | 28.927 | 3.063 #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.601f | 0       | 8016514 | N.D.   | 265.484 # |
| 8)                          | L2 AR-1221-1    | 4.934f | 4.234f | 201616  | 169688  | 11.336 | 12.577    |
| 9)                          | L2 AR-1221-2    | 4.971  | 4.234f | 182306  | 169688  | 14.163 | 16.350    |
| 10)                         | L2 AR-1221-3    | 5.003  | 0.000  | 157139  | 0       | 4.053  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.003  | 0.000  | 157139  | 0       | 5.294  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.329f | 0       | 75467   | N.D.   | 6.008 #   |
| 14)                         | L3 AR-1232-4    | 6.073f | 5.386  | 1012006 | 127030  | 64.693 | 10.593 #  |
| 15)                         | L3 AR-1232-5    | 6.073  | 5.601f | 1012006 | 8016514 | 84.019 | 624.525 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.329f | 0       | 75467   | N.D.   | 3.243 #   |
| 19)                         | L4 AR-1242-4    | 6.073f | 5.386  | 1012006 | 127030  | 35.193 | 5.213 #   |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.889  | 0       | 74826   | N.D.   | 2.577 #   |
| 22)                         | L5 AR-1248-2    | 6.073  | 5.329  | 1012006 | 75467   | 23.469 | 2.210 #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.386  | 0       | 127030  | N.D.   | 3.595 #   |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.601f | 0       | 8016514 | N.D.   | 194.756 # |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.889f | 0       | 74826   | N.D.   | 1.934 #   |
| 26)                         | L6 AR-1254-1    | 6.617f | 5.889  | 380459  | 74826   | 7.144  | 1.244 #   |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.618f | 0       | 88540   | N.D.   | 1.968 #   |
| 30)                         | L6 AR-1254-5    | 7.985  | 7.093  | 190758  | 252485  | 2.985  | 3.384     |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.618  | 0       | 88540   | N.D.   | 1.545 #   |
| 32)                         | L7 AR-1260-2    | 7.666  | 6.775  | 94715   | 63715   | 1.251  | 0.967     |
| 33)                         | L7 AR-1260-3    | 7.985f | 6.926  | 190758  | 212110  | 2.908  | 3.294     |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.422  | 0       | 265367  | N.D.   | 4.738 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.651  | 0       | 114623  | N.D.   | 0.933 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.093f | 0       | 252485  | N.D.   | 3.162 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.422  | 0       | 265367  | N.D.   | 3.795 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.895  | 0       | 241627  | N.D.   | 4.195 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.020  | 0       | 97975   | N.D.   | 0.972 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.502  | 0       | 8393    | N.D.   | 0.172 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.895  | 0       | 241627  | N.D.   | 1.489 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.020  | 0       | 97975   | N.D.   | 0.662 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.194  | 0       | 85963   | N.D.   | 0.647 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.502  | 0       | 8393    | N.D.   | 0.158 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.811  | 0       | 117224  | N.D.   | 0.301 #   |
| -----                       |                 |        |        |         |         |        |           |

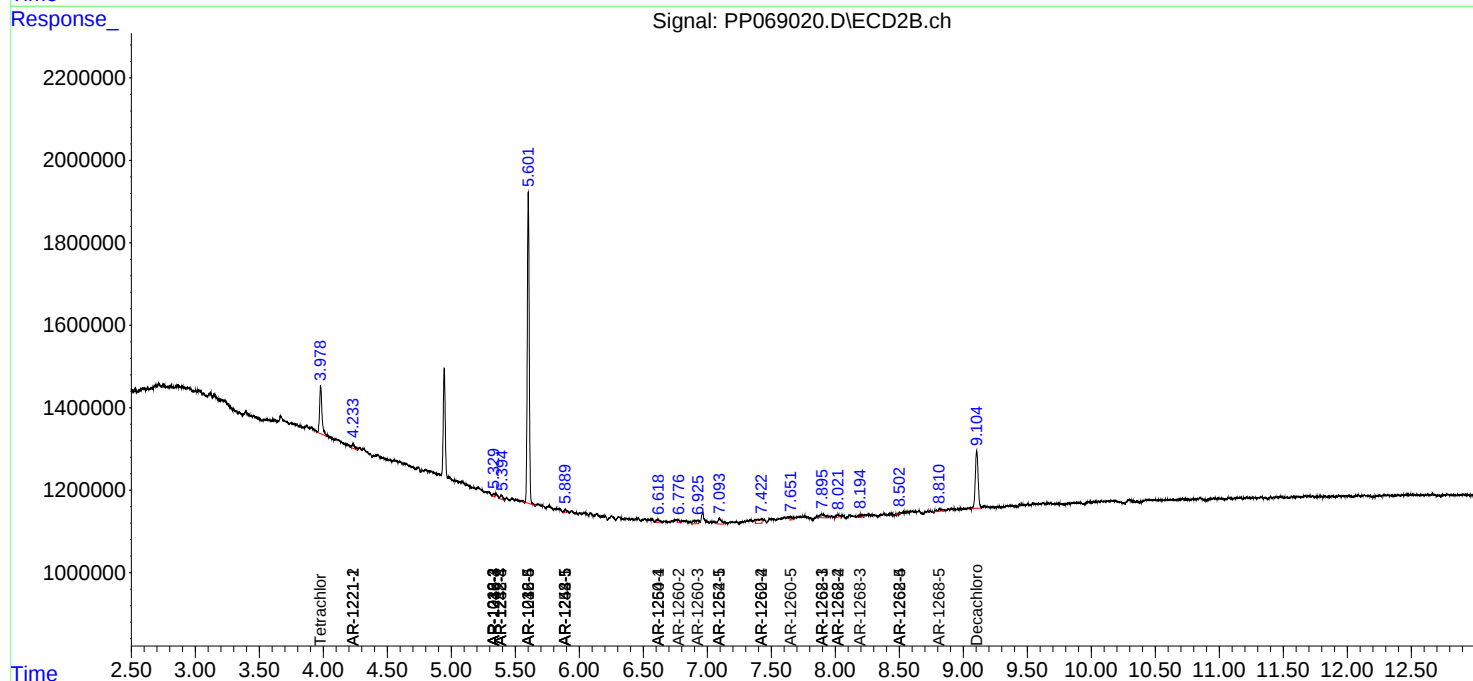
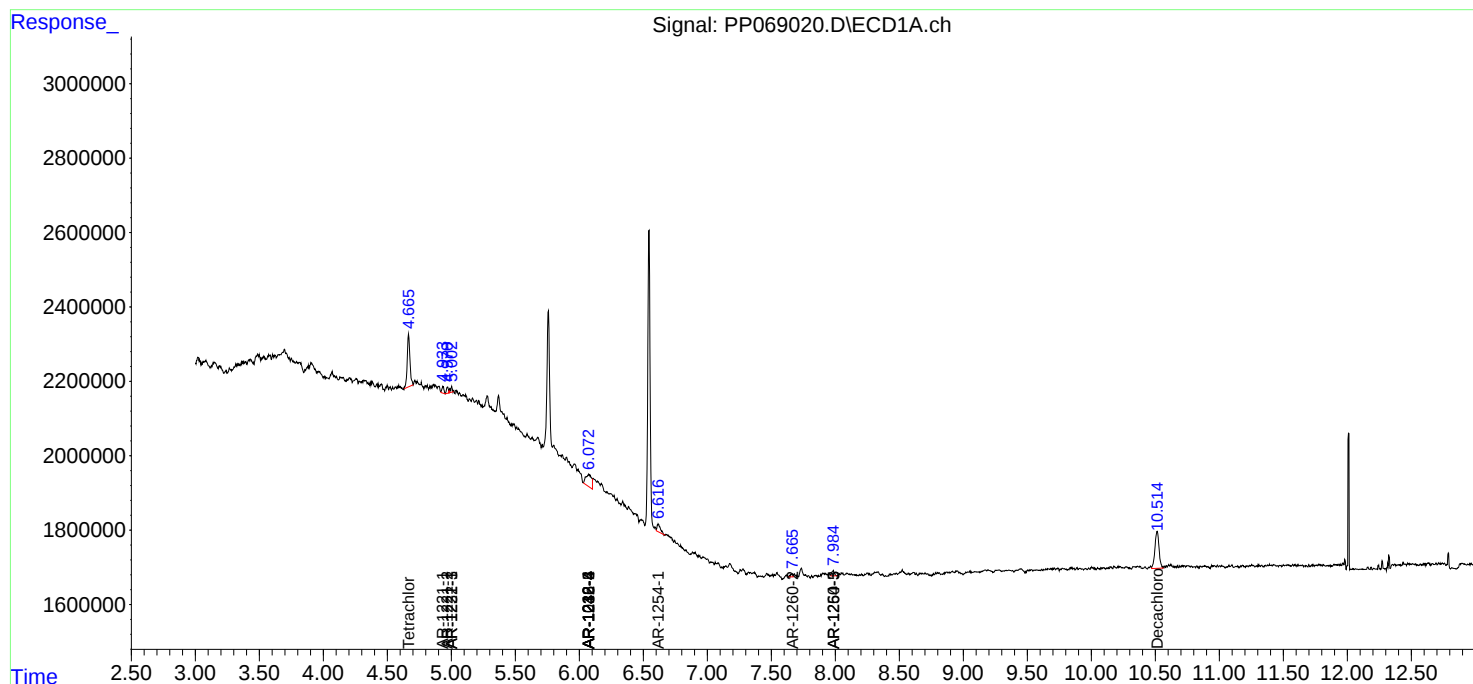
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

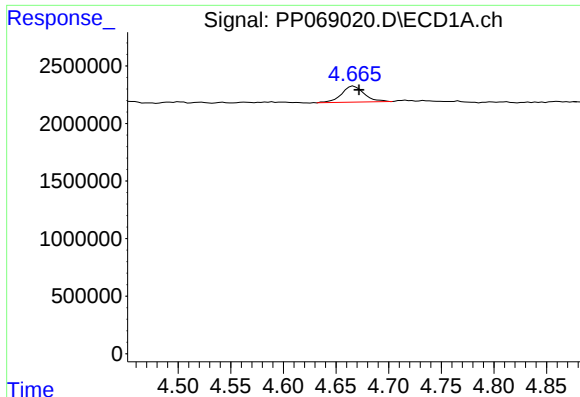
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP010825\  
Data File : PP069020.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jan 2025 18:19  
Operator : YP\AJ  
Sample : Q1024-01 10X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 09 00:16:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP010625.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 07 11:05:55 2025  
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

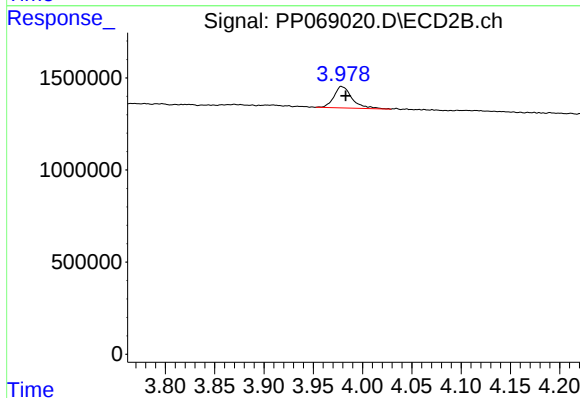




#1 Tetrachloro-m-xylene

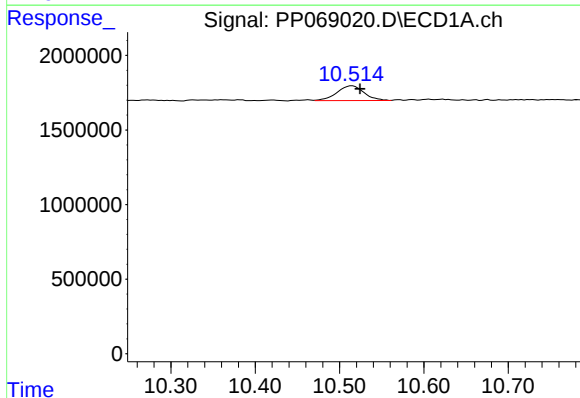
R.T.: 4.667 min  
Delta R.T.: -0.005 min  
Response: 2089360  
Conc: 1.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



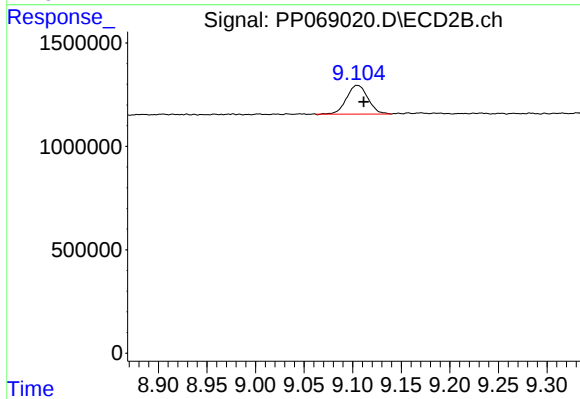
#1 Tetrachloro-m-xylene

R.T.: 3.979 min  
Delta R.T.: -0.004 min  
Response: 1493924  
Conc: 1.53 ng/ml



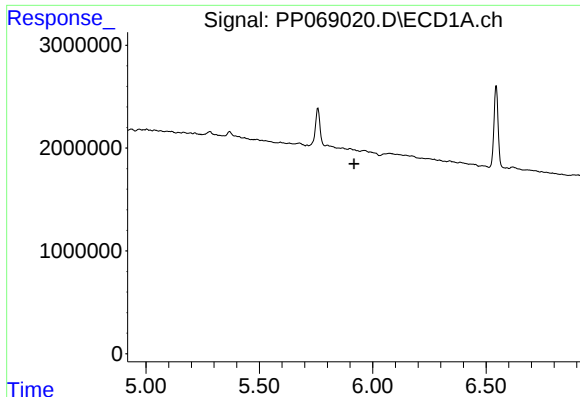
#2 Decachlorobiphenyl

R.T.: 10.515 min  
Delta R.T.: -0.009 min  
Response: 2209199  
Conc: 1.98 ng/ml



#2 Decachlorobiphenyl

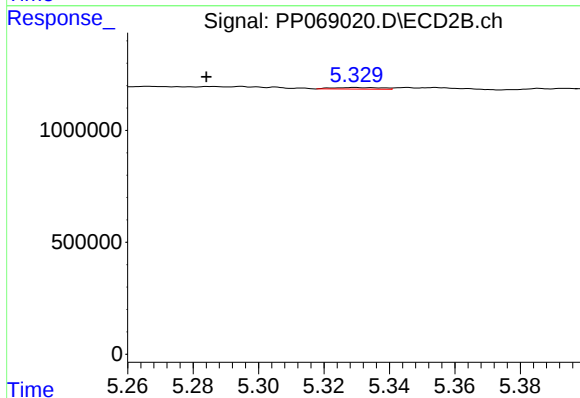
R.T.: 9.105 min  
Delta R.T.: -0.007 min  
Response: 2115532  
Conc: 1.76 ng/ml



#5 AR-1016-3

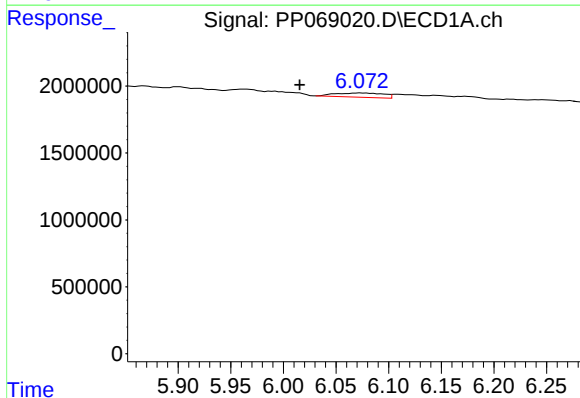
R.T.: 0.000 min  
Exp R.T.: 5.918 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



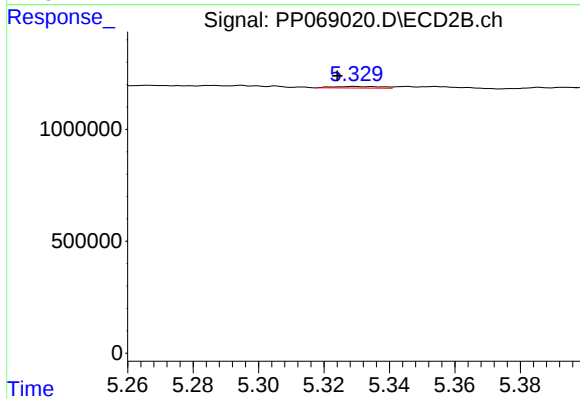
#5 AR-1016-3

R.T.: 5.329 min  
Delta R.T.: 0.045 min  
Response: 75467  
Conc: 2.79 ng/ml



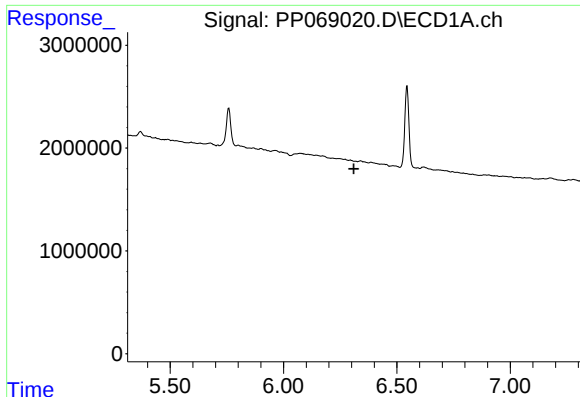
#6 AR-1016-4

R.T.: 6.073 min  
Delta R.T.: 0.058 min  
Response: 1012006  
Conc: 28.93 ng/ml



#6 AR-1016-4

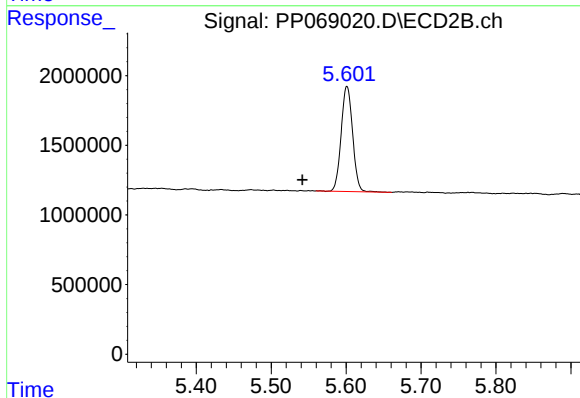
R.T.: 5.329 min  
Delta R.T.: 0.005 min  
Response: 75467  
Conc: 3.06 ng/ml



#7 AR-1016-5

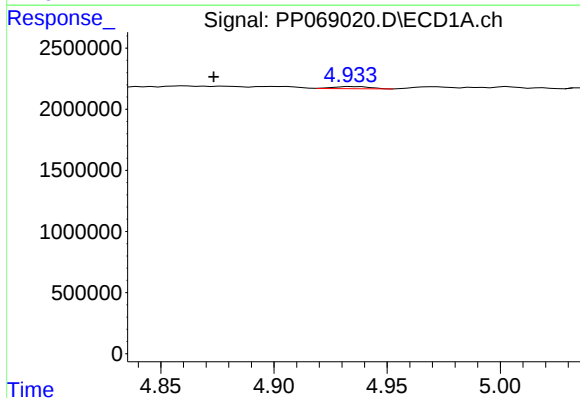
R.T.: 0.000 min  
Exp R.T.: 6.310 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



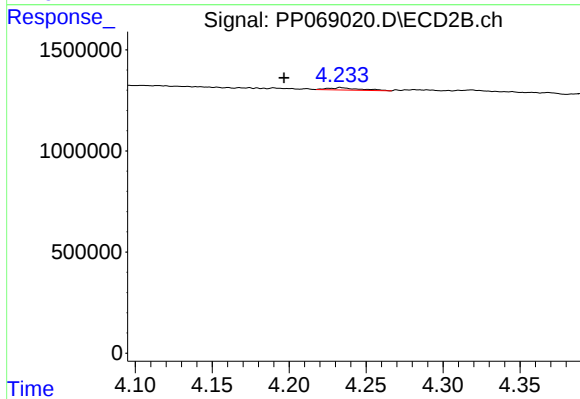
#7 AR-1016-5

R.T.: 5.601 min  
Delta R.T.: 0.059 min  
Response: 8016514  
Conc: 265.48 ng/ml



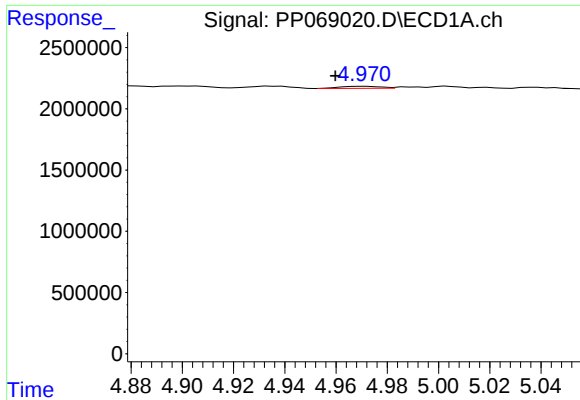
#8 AR-1221-1

R.T.: 4.934 min  
Delta R.T.: 0.061 min  
Response: 201616  
Conc: 11.34 ng/ml



#8 AR-1221-1

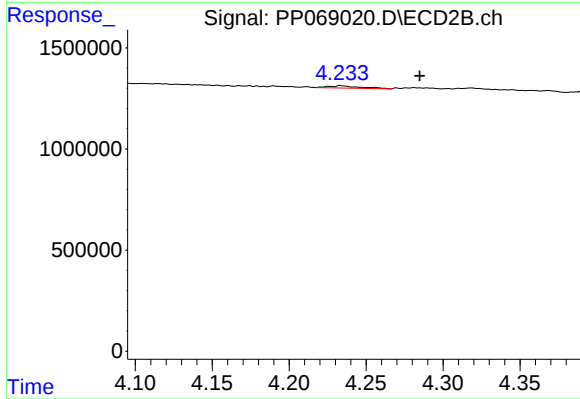
R.T.: 4.234 min  
Delta R.T.: 0.037 min  
Response: 169688  
Conc: 12.58 ng/ml



#9 AR-1221-2

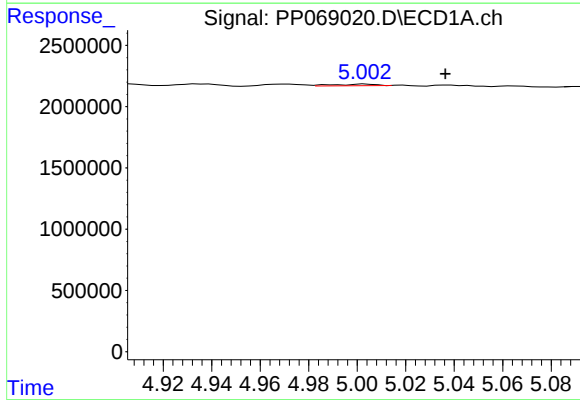
R.T.: 4.971 min  
Delta R.T.: 0.011 min  
Response: 182306  
Conc: 14.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



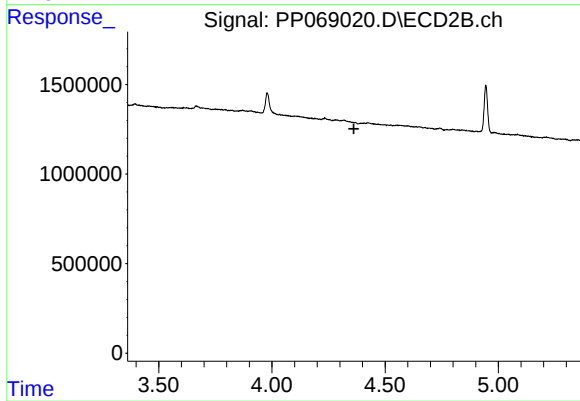
#9 AR-1221-2

R.T.: 4.234 min  
Delta R.T.: -0.051 min  
Response: 169688  
Conc: 16.35 ng/ml



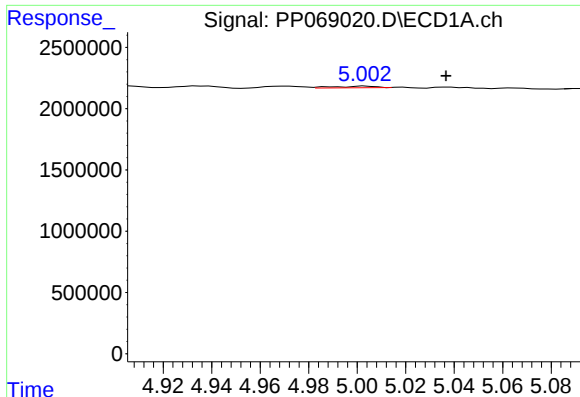
#10 AR-1221-3

R.T.: 5.003 min  
Delta R.T.: -0.033 min  
Response: 157139  
Conc: 4.05 ng/ml



#10 AR-1221-3

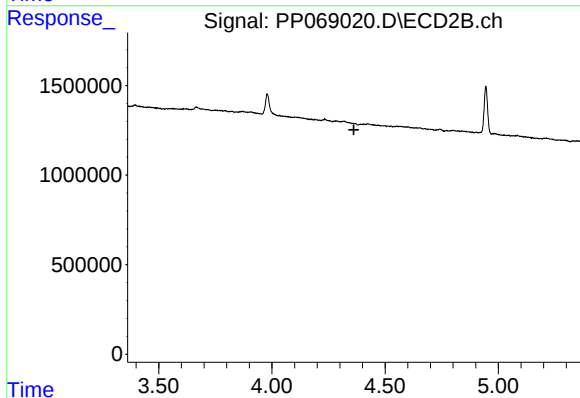
R.T.: 0.000 min  
Exp R.T.: 4.362 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

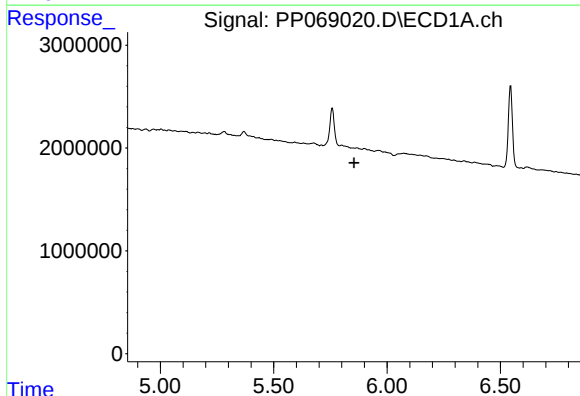
R.T.: 5.003 min  
Delta R.T.: -0.033 min  
Response: 157139  
Conc: 5.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



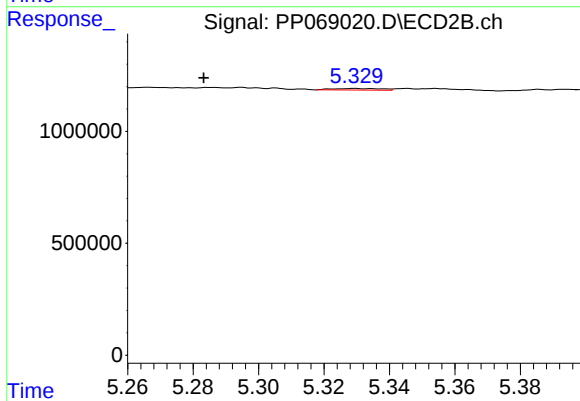
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.362 min  
Response: 0  
Conc: N.D.



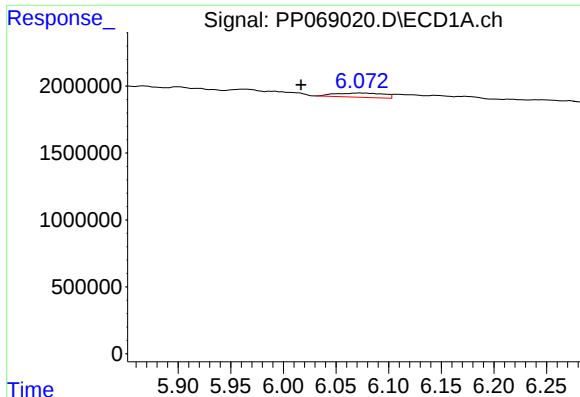
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.855 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

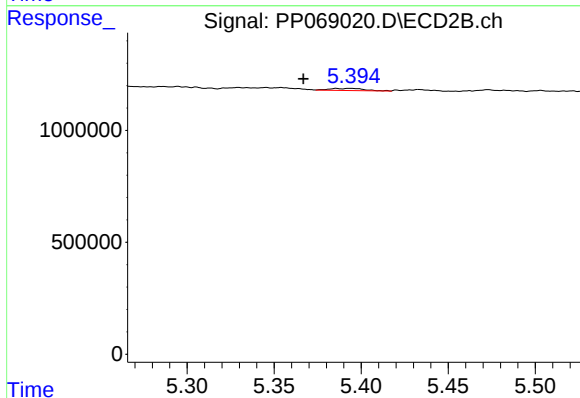
R.T.: 5.329 min  
Delta R.T.: 0.046 min  
Response: 75467  
Conc: 6.01 ng/ml



#14 AR-1232-4

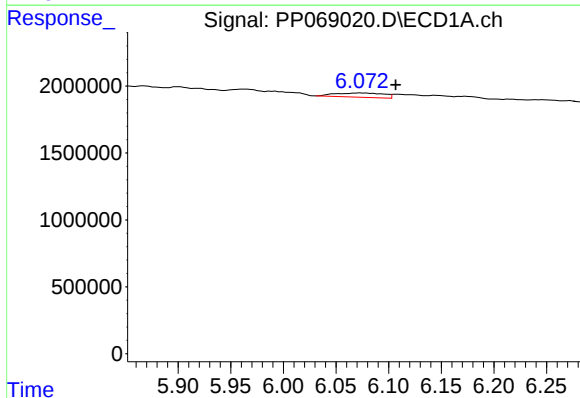
R.T.: 6.073 min  
Delta R.T.: 0.057 min  
Response: 1012006  
Conc: 64.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



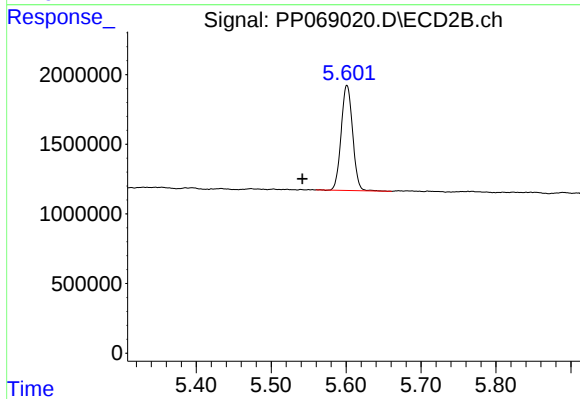
#14 AR-1232-4

R.T.: 5.386 min  
Delta R.T.: 0.019 min  
Response: 127030  
Conc: 10.59 ng/ml



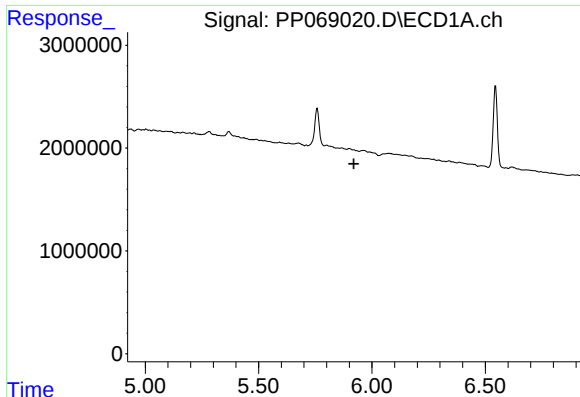
#15 AR-1232-5

R.T.: 6.073 min  
Delta R.T.: -0.033 min  
Response: 1012006  
Conc: 84.02 ng/ml



#15 AR-1232-5

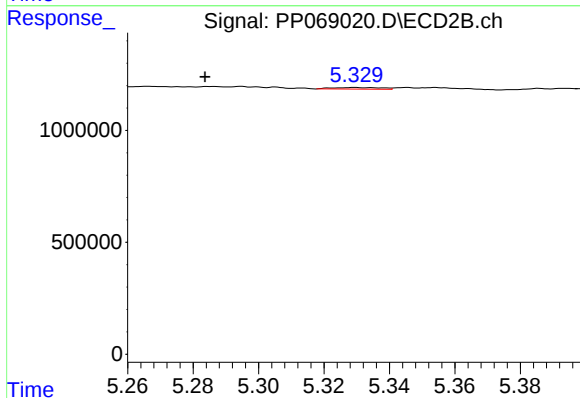
R.T.: 5.601 min  
Delta R.T.: 0.060 min  
Response: 8016514  
Conc: 624.52 ng/ml



#18 AR-1242-3

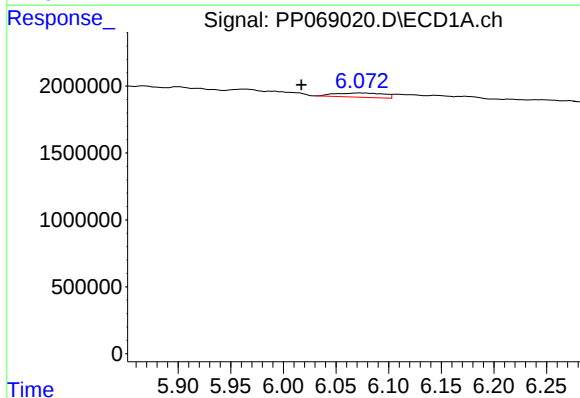
R.T.: 0.000 min  
Exp R.T.: 5.920 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



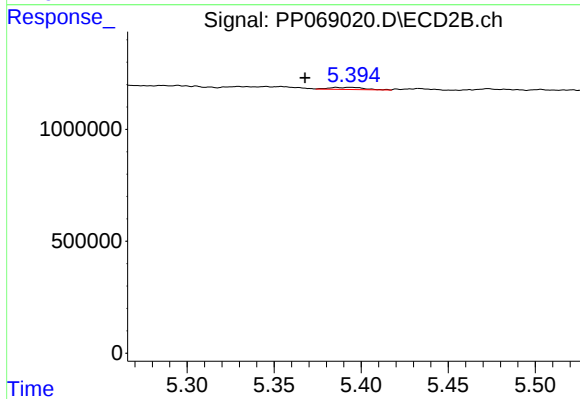
#18 AR-1242-3

R.T.: 5.329 min  
Delta R.T.: 0.046 min  
Response: 75467  
Conc: 3.24 ng/ml



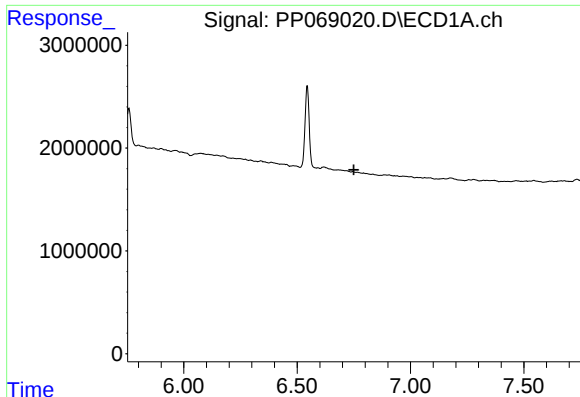
#19 AR-1242-4

R.T.: 6.073 min  
Delta R.T.: 0.057 min  
Response: 1012006  
Conc: 35.19 ng/ml



#19 AR-1242-4

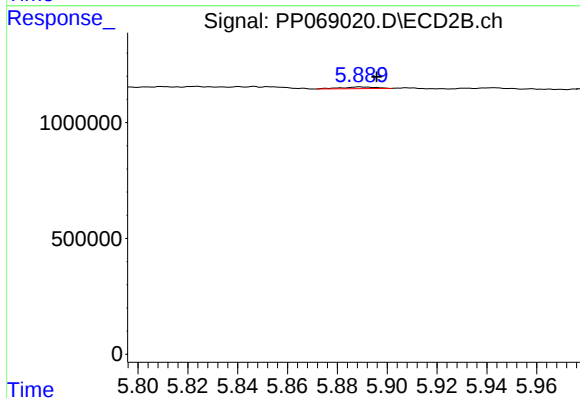
R.T.: 5.386 min  
Delta R.T.: 0.018 min  
Response: 127030  
Conc: 5.21 ng/ml



#20 AR-1242-5

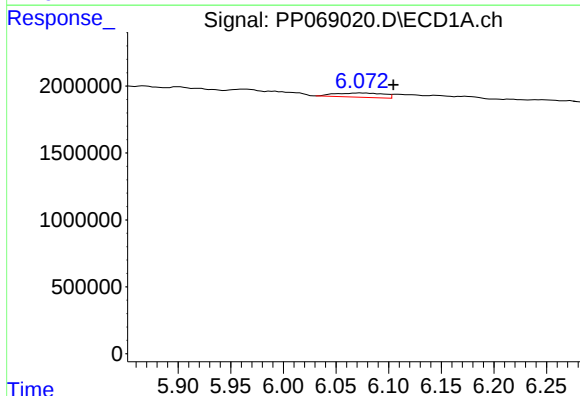
R.T.: 0.000 min  
Exp R.T.: 6.750 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



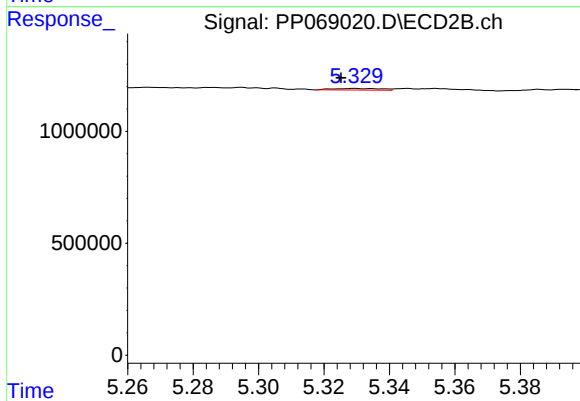
#20 AR-1242-5

R.T.: 5.889 min  
Delta R.T.: -0.006 min  
Response: 74826  
Conc: 2.58 ng/ml



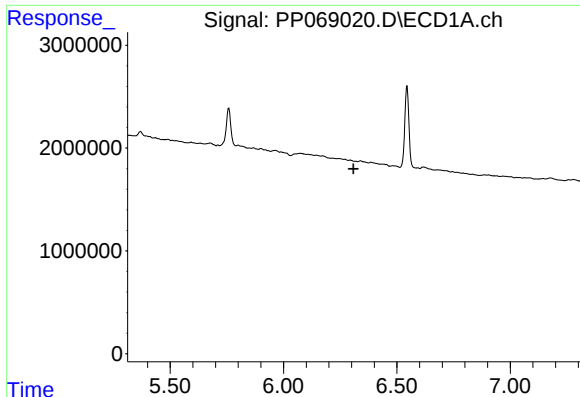
#22 AR-1248-2

R.T.: 6.073 min  
Delta R.T.: -0.031 min  
Response: 1012006  
Conc: 23.47 ng/ml



#22 AR-1248-2

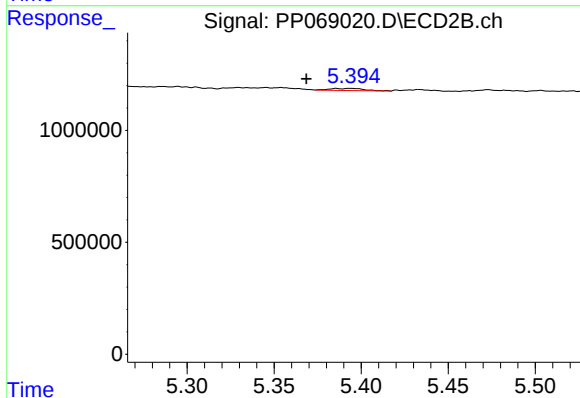
R.T.: 5.329 min  
Delta R.T.: 0.004 min  
Response: 75467  
Conc: 2.21 ng/ml



#23 AR-1248-3

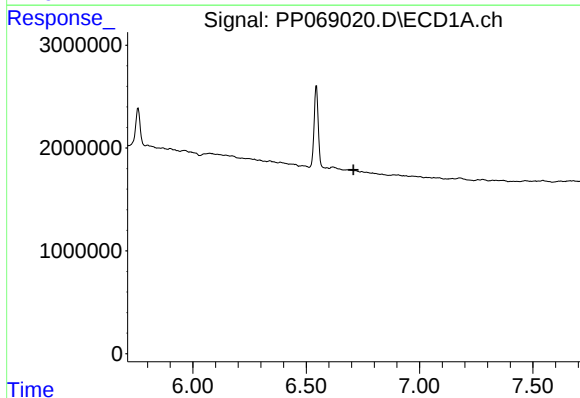
R.T.: 0.000 min  
Exp R.T.: 6.309 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



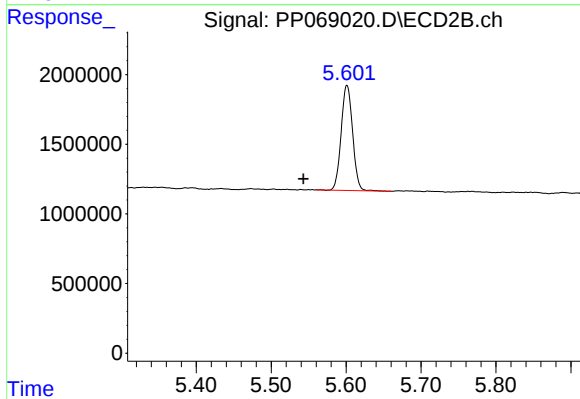
#23 AR-1248-3

R.T.: 5.386 min  
Delta R.T.: 0.017 min  
Response: 127030  
Conc: 3.60 ng/ml



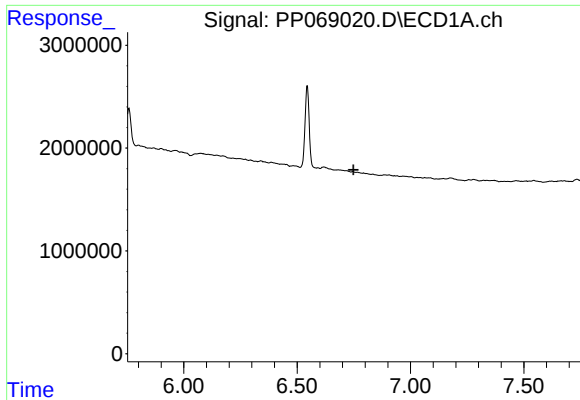
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.709 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

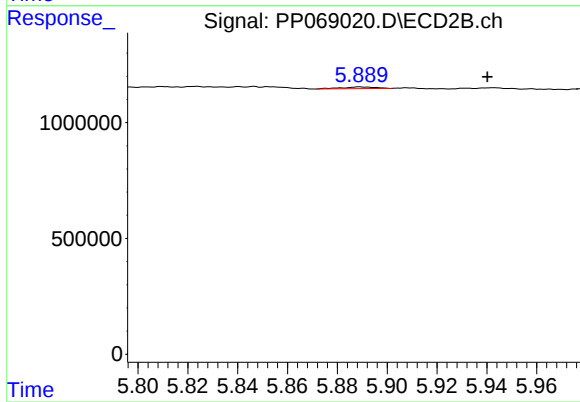
R.T.: 5.601 min  
Delta R.T.: 0.058 min  
Response: 8016514  
Conc: 194.76 ng/ml



#25 AR-1248-5

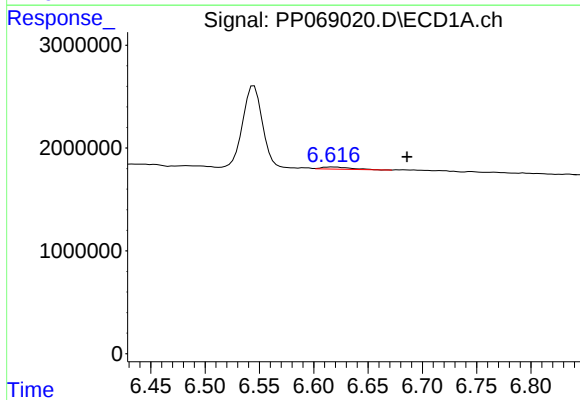
R.T.: 0.000 min  
Exp R.T.: 6.749 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



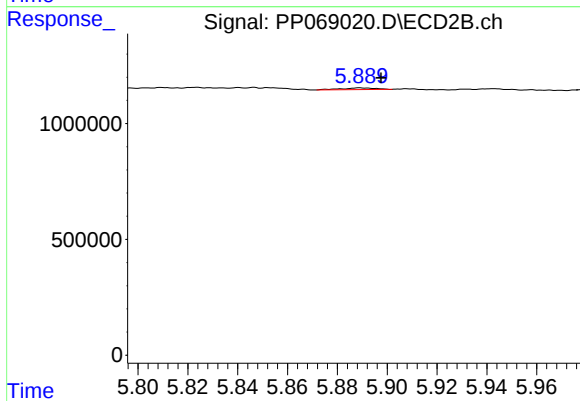
#25 AR-1248-5

R.T.: 5.889 min  
Delta R.T.: -0.051 min  
Response: 74826  
Conc: 1.93 ng/ml



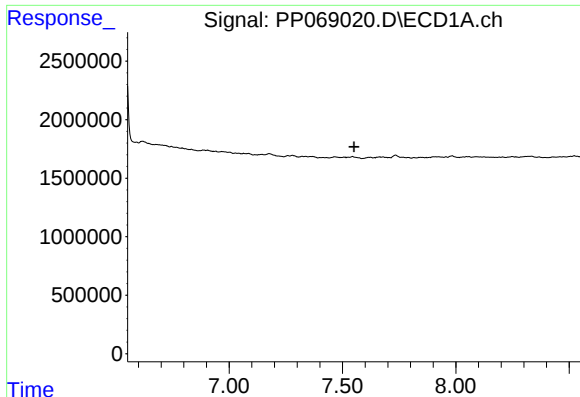
#26 AR-1254-1

R.T.: 6.617 min  
Delta R.T.: -0.069 min  
Response: 380459  
Conc: 7.14 ng/ml



#26 AR-1254-1

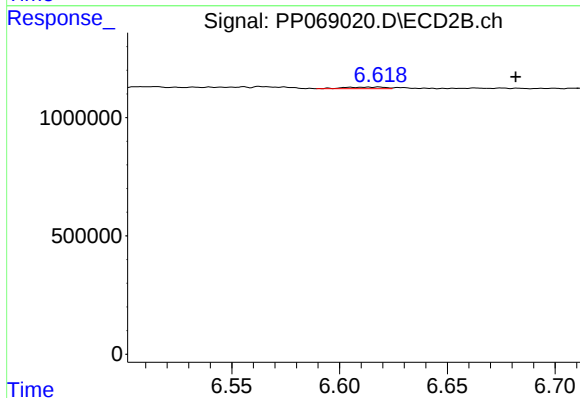
R.T.: 5.889 min  
Delta R.T.: -0.008 min  
Response: 74826  
Conc: 1.24 ng/ml



#29 AR-1254-4

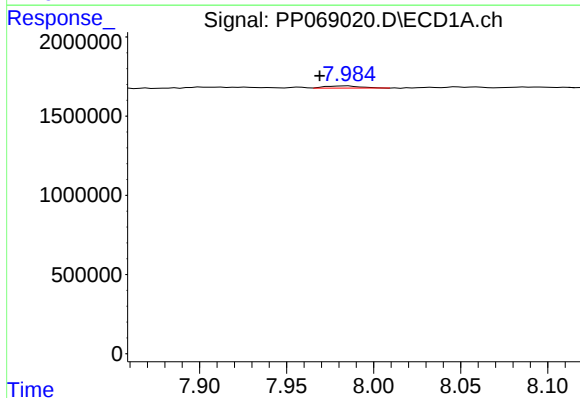
R.T.: 0.000 min  
Exp R.T.: 7.552 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



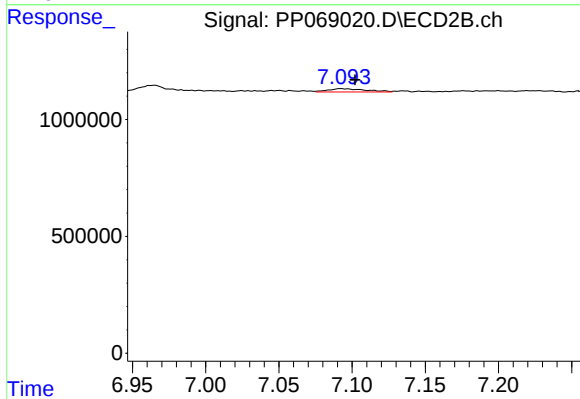
#29 AR-1254-4

R.T.: 6.618 min  
Delta R.T.: -0.063 min  
Response: 88540  
Conc: 1.97 ng/ml



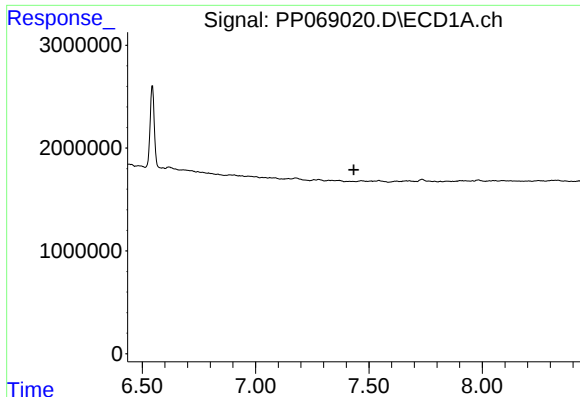
#30 AR-1254-5

R.T.: 7.985 min  
Delta R.T.: 0.016 min  
Response: 190758  
Conc: 2.98 ng/ml



#30 AR-1254-5

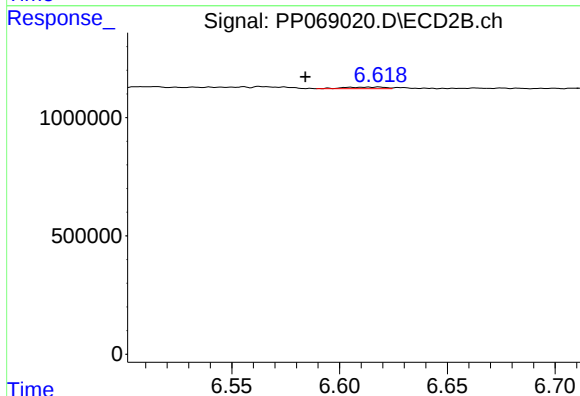
R.T.: 7.093 min  
Delta R.T.: -0.010 min  
Response: 252485  
Conc: 3.38 ng/ml



#31 AR-1260-1

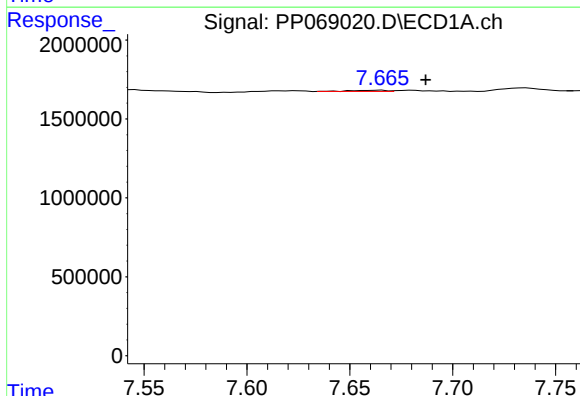
R.T.: 0.000 min  
Exp R.T.: 7.433 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



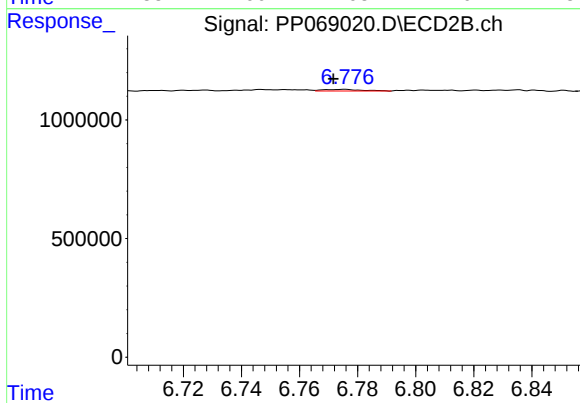
#31 AR-1260-1

R.T.: 6.618 min  
Delta R.T.: 0.034 min  
Response: 88540  
Conc: 1.55 ng/ml



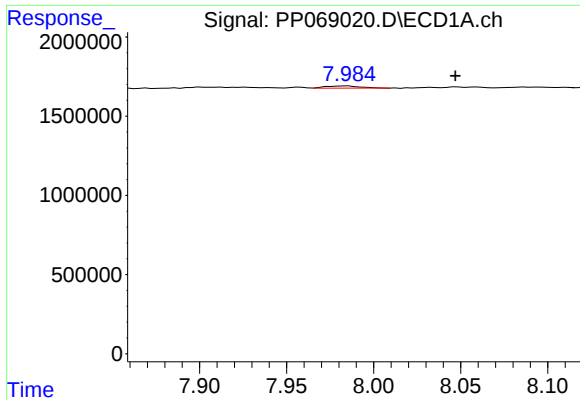
#32 AR-1260-2

R.T.: 7.666 min  
Delta R.T.: -0.021 min  
Response: 94715  
Conc: 1.25 ng/ml



#32 AR-1260-2

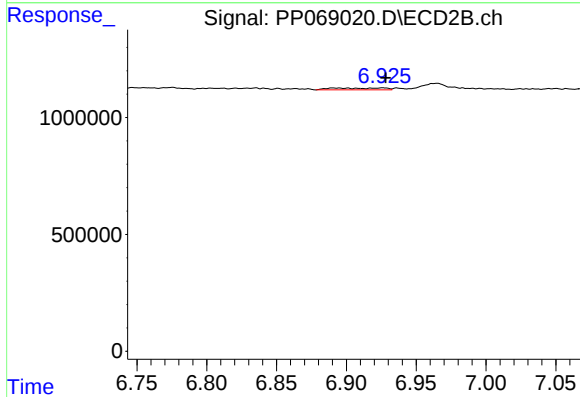
R.T.: 6.775 min  
Delta R.T.: 0.004 min  
Response: 63715  
Conc: 0.97 ng/ml



#33 AR-1260-3

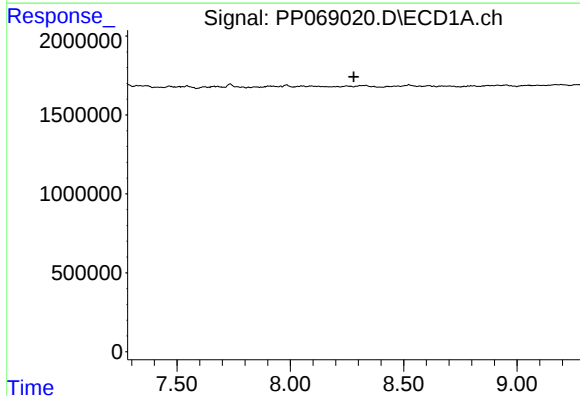
R.T.: 7.985 min  
Delta R.T.: -0.062 min  
Response: 190758  
Conc: 2.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



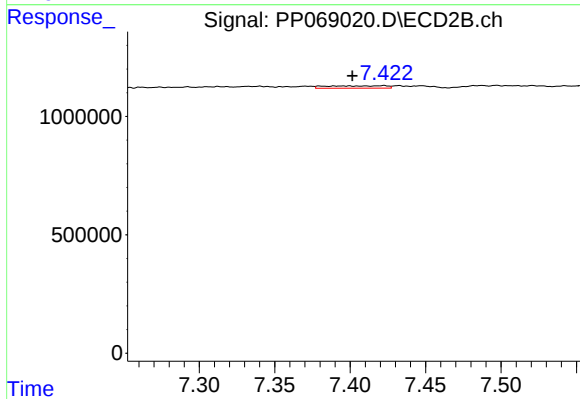
#33 AR-1260-3

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 212110  
Conc: 3.29 ng/ml



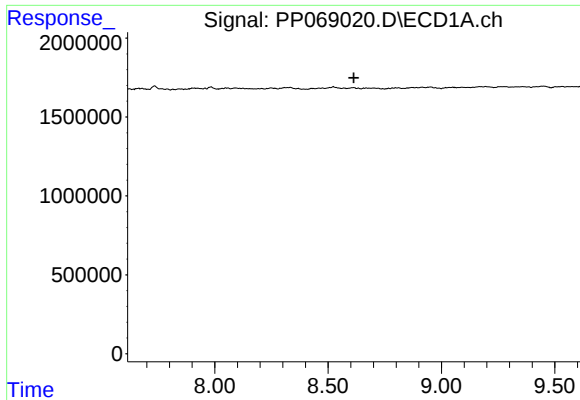
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 8.280 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

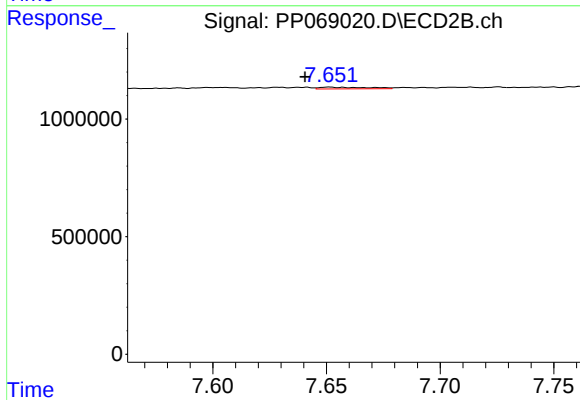
R.T.: 7.422 min  
Delta R.T.: 0.021 min  
Response: 265367  
Conc: 4.74 ng/ml



#35 AR-1260-5

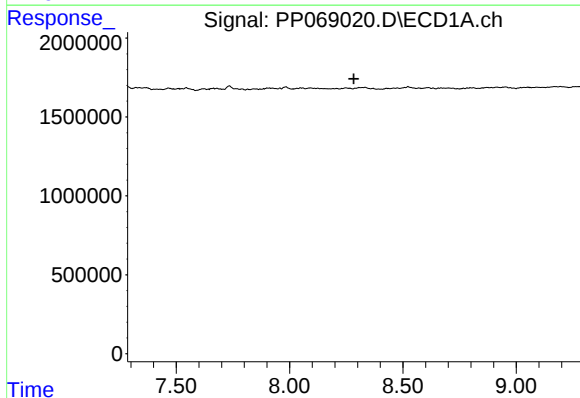
R.T.: 0.000 min  
Exp R.T.: 8.613 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



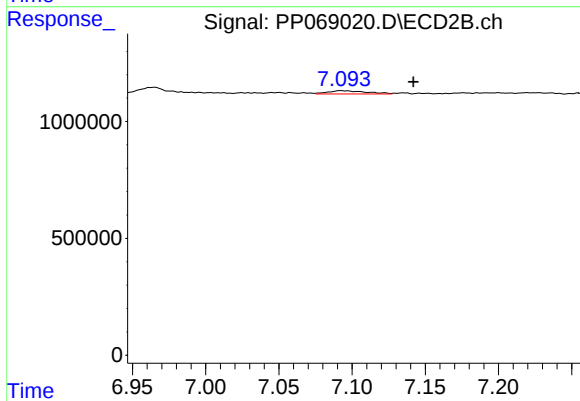
#35 AR-1260-5

R.T.: 7.651 min  
Delta R.T.: 0.011 min  
Response: 114623  
Conc: 0.93 ng/ml



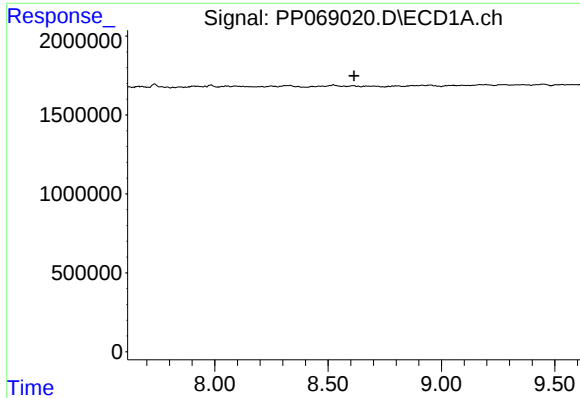
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.284 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

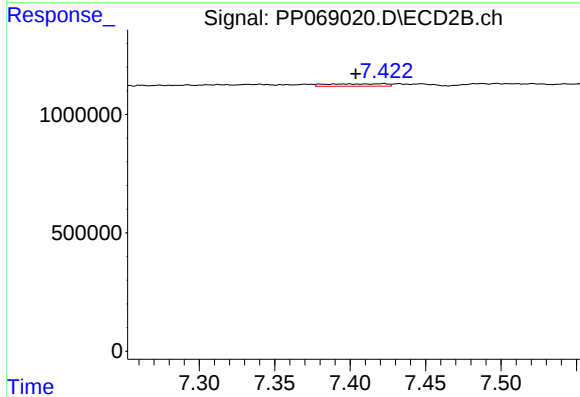
R.T.: 7.093 min  
Delta R.T.: -0.049 min  
Response: 252485  
Conc: 3.16 ng/ml



#37 AR-1262-2

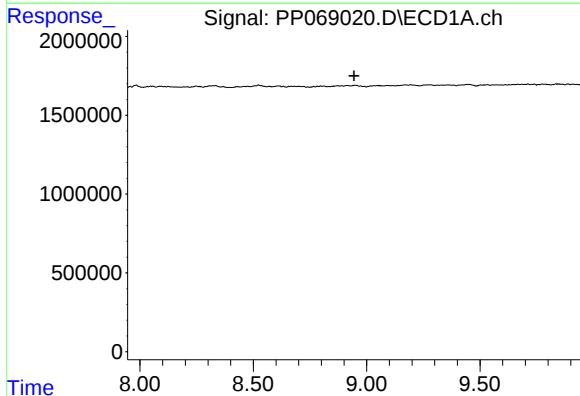
R.T.: 0.000 min  
Exp R.T. : 8.615 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



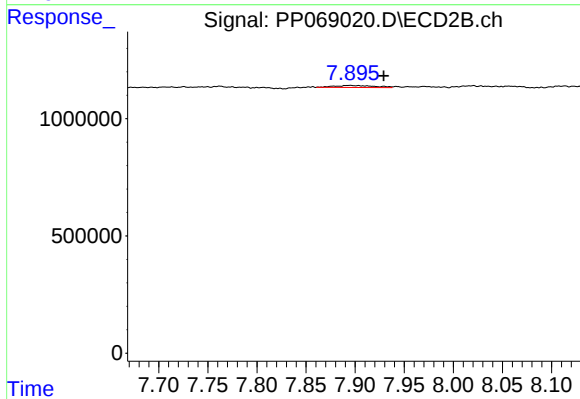
#37 AR-1262-2

R.T.: 7.422 min  
Delta R.T.: 0.019 min  
Response: 265367  
Conc: 3.79 ng/ml



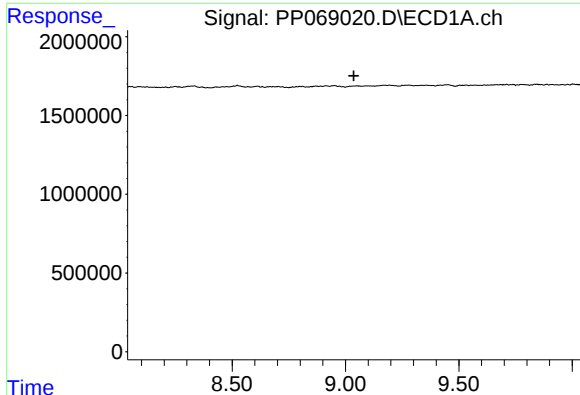
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.945 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

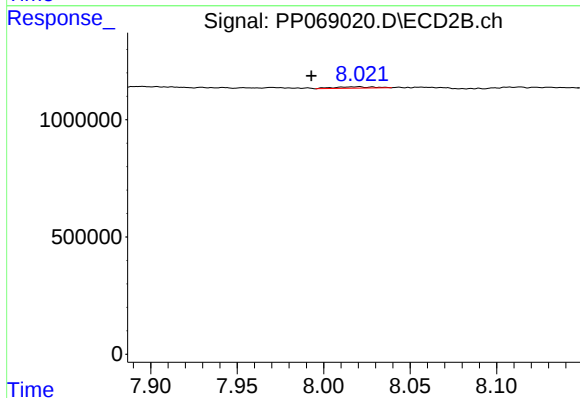
R.T.: 7.895 min  
Delta R.T.: -0.034 min  
Response: 241627  
Conc: 4.20 ng/ml



#39 AR-1262-4

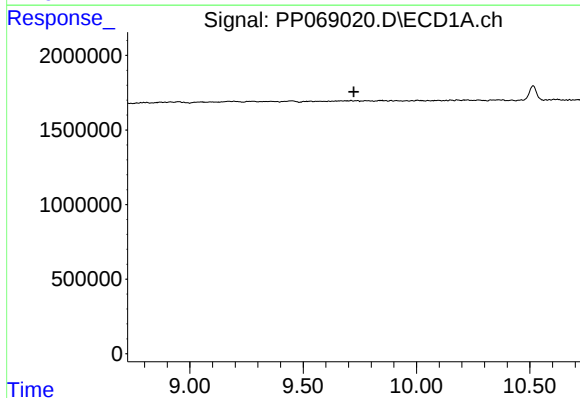
R.T.: 0.000 min  
Exp R.T.: 9.036 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



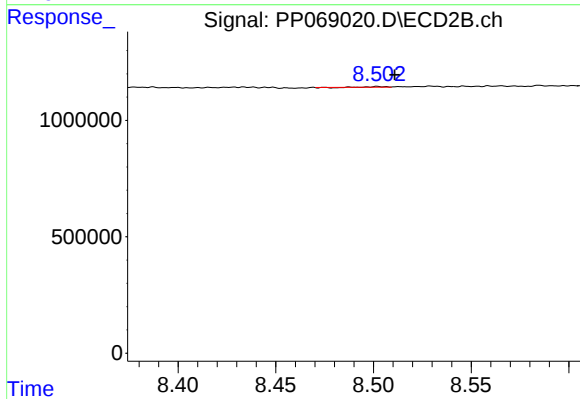
#39 AR-1262-4

R.T.: 8.020 min  
Delta R.T.: 0.027 min  
Response: 97975  
Conc: 0.97 ng/ml



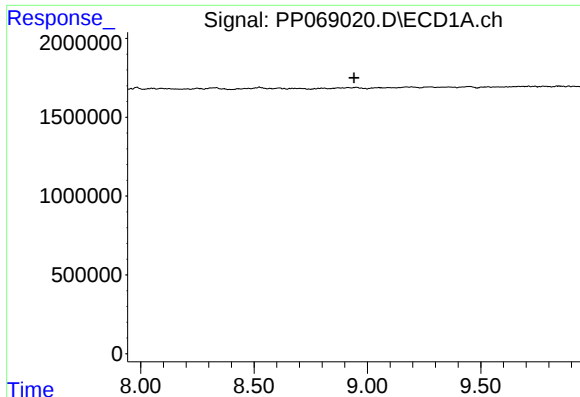
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.724 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

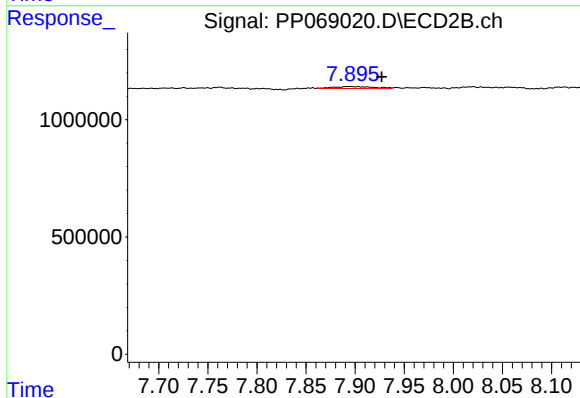
R.T.: 8.502 min  
Delta R.T.: -0.009 min  
Response: 8393  
Conc: 0.17 ng/ml



#41 AR-1268-1

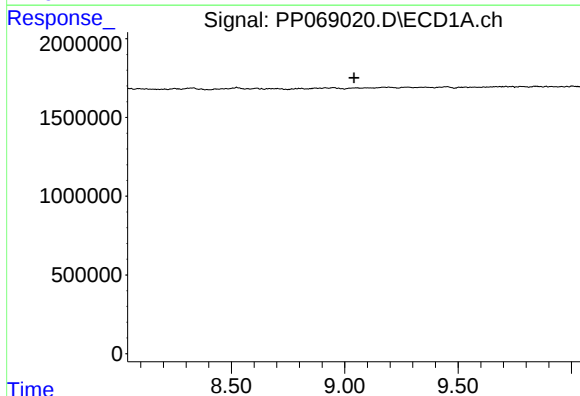
R.T.: 0.000 min  
Exp R.T.: 8.941 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



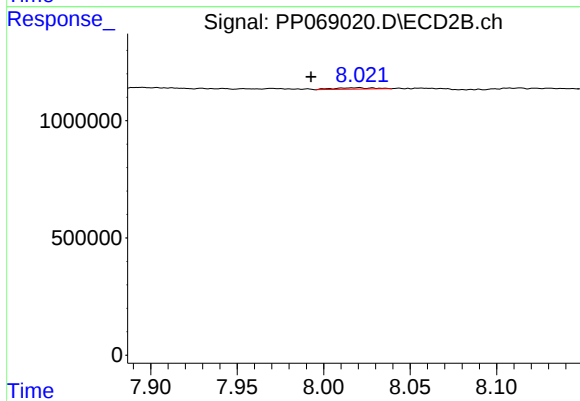
#41 AR-1268-1

R.T.: 7.895 min  
Delta R.T.: -0.032 min  
Response: 241627  
Conc: 1.49 ng/ml



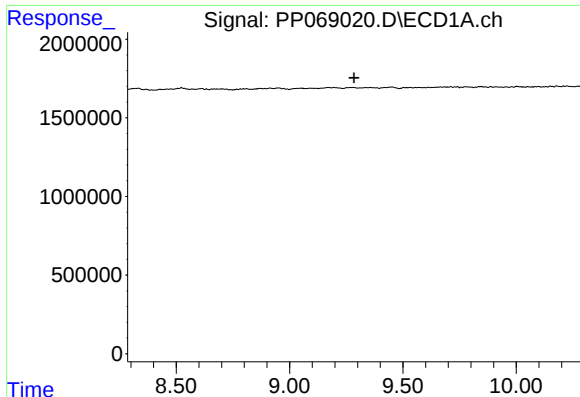
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.041 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

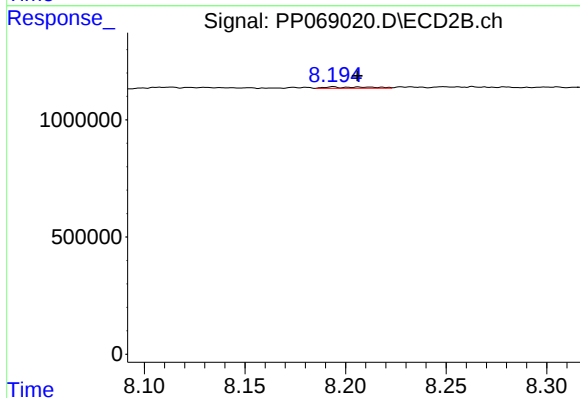
R.T.: 8.020 min  
Delta R.T.: 0.028 min  
Response: 97975  
Conc: 0.66 ng/ml



#43 AR-1268-3

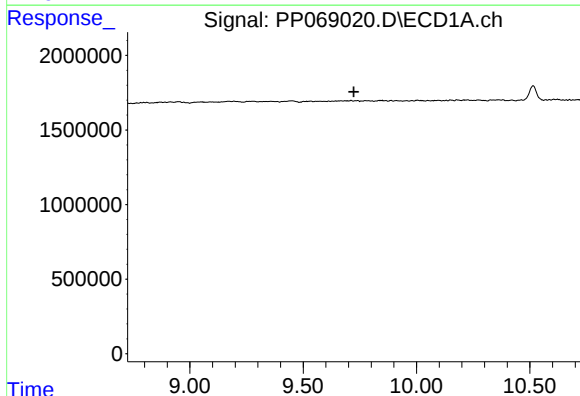
R.T.: 0.000 min  
Exp R.T.: 9.285 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



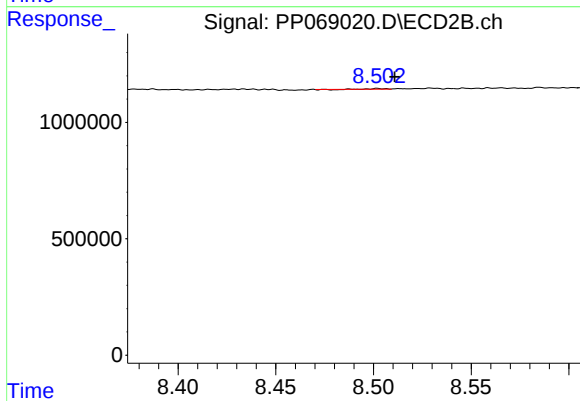
#43 AR-1268-3

R.T.: 8.194 min  
Delta R.T.: -0.012 min  
Response: 85963  
Conc: 0.65 ng/ml



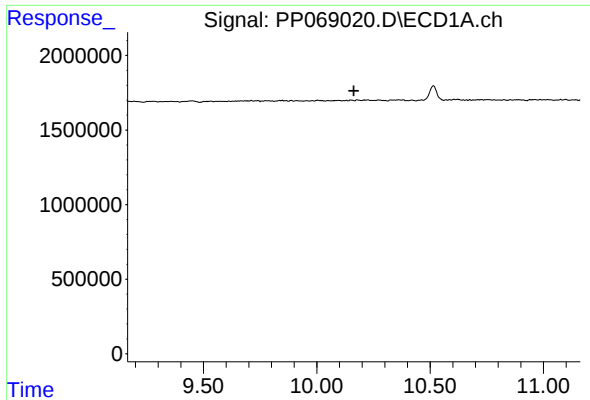
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.723 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

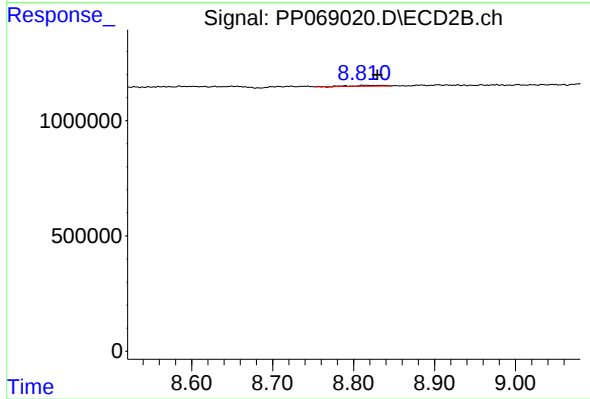
R.T.: 8.502 min  
Delta R.T.: -0.009 min  
Response: 8393  
Conc: 0.16 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.164 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KMH455R-1-1



#45 AR-1268-5

R.T.: 8.811 min  
Delta R.T.: -0.019 min  
Response: 117224  
Conc: 0.30 ng/ml