

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043021\  
 Data File : PP035452.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Apr 2021 19:22  
 Operator : DD\AJ  
 Sample : M2216-03 10X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 KZH01ZP-END-2-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 02:42:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042921.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 30 07:23:18 2021  
 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... | 4.792 | 4.210  | 125126 | 126413 | 2.464 | 3.713 #   |
| 2)                          | SA Decachlor... | 0.000 | 9.474  | 0      | 57142  | N.D.  | 2.949 #   |
| Target Compounds            |                 |       |        |        |        |       |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 5.441  | 0      | 14062  | N.D.  | 13.226 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 5.486  | 0      | 14606  | N.D.  | 9.197 #   |
| 5)                          | L1 AR-1016-3    | 0.000 | 5.640f | 0      | 7351   | N.D.  | 8.778 #   |
| 6)                          | L1 AR-1016-4    | 0.000 | 5.712  | 0      | 45992  | N.D.  | 72.740 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.945  | 0      | 62944  | N.D.  | 74.646 #  |
| 8)                          | L2 AR-1221-1    | 0.000 | 4.450  | 0      | 42161  | N.D.  | 105.873 # |
| 9)                          | L2 AR-1221-2    | 0.000 | 4.571  | 0      | 9079   | N.D.  | 30.578 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 4.660  | 0      | 34611  | N.D.  | 37.933 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 4.660  | 0      | 34611  | N.D.  | 47.805 #  |
| 12)                         | L3 AR-1232-2    | 0.000 | 5.486  | 0      | 14606  | N.D.  | 22.283 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 5.640f | 0      | 7351   | N.D.  | 22.189 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 5.769  | 0      | 126130 | N.D.  | 432.853 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 5.945  | 0      | 62944  | N.D.  | 202.561 # |
| 16)                         | L4 AR-1242-1    | 0.000 | 5.441  | 0      | 14062  | N.D.  | 18.674 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 5.486  | 0      | 14606  | N.D.  | 13.035 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 5.640f | 0      | 7351   | N.D.  | 11.982 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 5.769  | 0      | 126130 | N.D.  | 214.327 # |
| 20)                         | L4 AR-1242-5    | 0.000 | 6.316  | 0      | 37408  | N.D.  | 53.311 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 5.441  | 0      | 14062  | N.D.  | 23.503 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 5.712  | 0      | 45992  | N.D.  | 55.318 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 5.769  | 0      | 126130 | N.D.  | 144.539 # |
| 24)                         | L5 AR-1248-4    | 0.000 | 5.945  | 0      | 62944  | N.D.  | 61.396 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 6.355  | 0      | 60948  | N.D.  | 63.889 #  |
| 26)                         | L6 AR-1254-1    | 0.000 | 6.316  | 0      | 37408  | N.D.  | 25.379 #  |
| 28)                         | L6 AR-1254-3    | 0.000 | 6.886  | 0      | 67977  | N.D.  | 33.498 #  |
| 29)                         | L6 AR-1254-4    | 0.000 | 7.127  | 0      | 101235 | N.D.  | 82.294 #  |
| 30)                         | L6 AR-1254-5    | 0.000 | 7.552  | 0      | 54627  | N.D.  | 29.179 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 7.025  | 0      | 53475  | N.D.  | 37.432 #  |
| 32)                         | L7 AR-1260-2    | 0.000 | 7.218  | 0      | 80395  | N.D.  | 47.879 #  |
| 36)                         | L8 AR-1262-1    | 0.000 | 7.552  | 0      | 54627  | N.D.  | 57.272 #  |
| 39)                         | L8 AR-1262-4    | 0.000 | 8.445  | 0      | 430485 | N.D.  | 193.670 # |
| 42)                         | L9 AR-1268-2    | 0.000 | 8.445  | 0      | 430485 | N.D.  | 136.498 # |
| 43)                         | L9 AR-1268-3    | 0.000 | 8.632  | 0      | 176363 | N.D.  | 65.240 #  |
| 45)                         | L9 AR-1268-5    | 0.000 | 9.252f | 0      | 60239  | N.D.  | 7.817 #   |
| -----                       |                 |       |        |        |        |       |           |

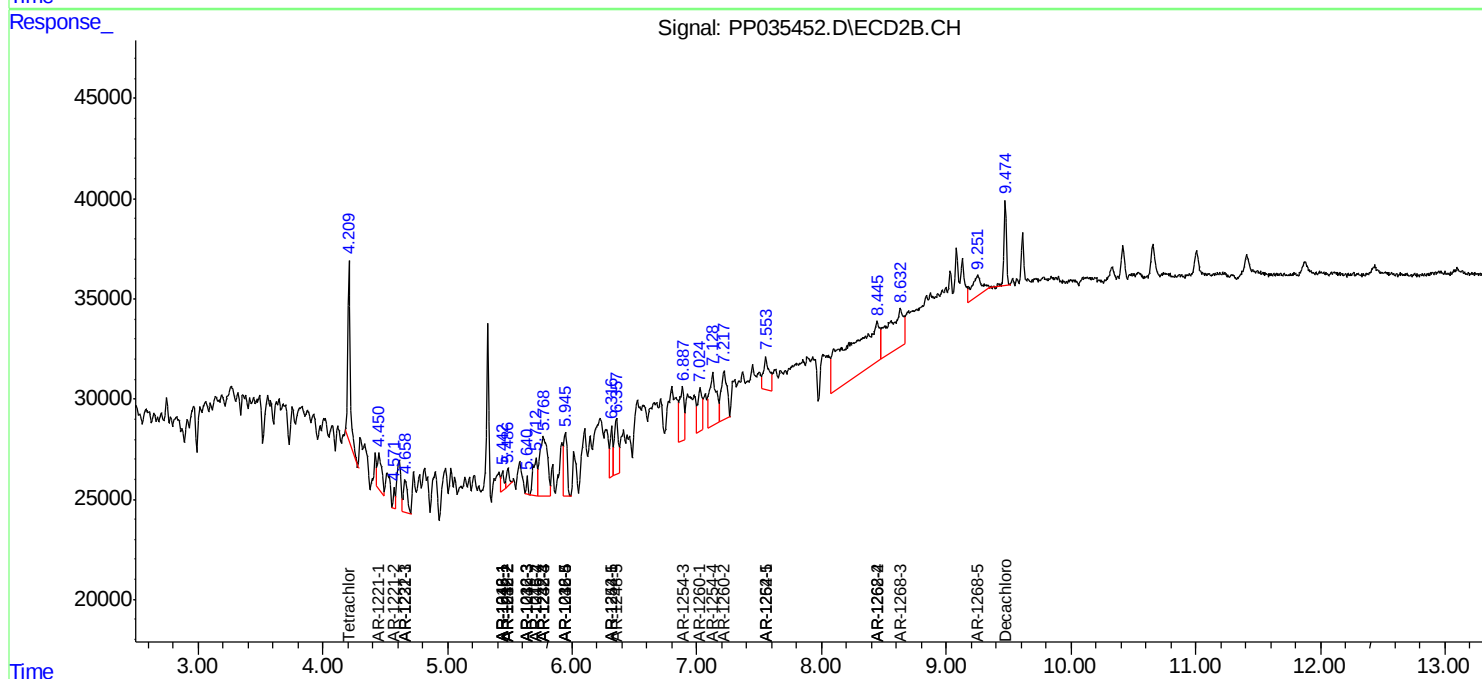
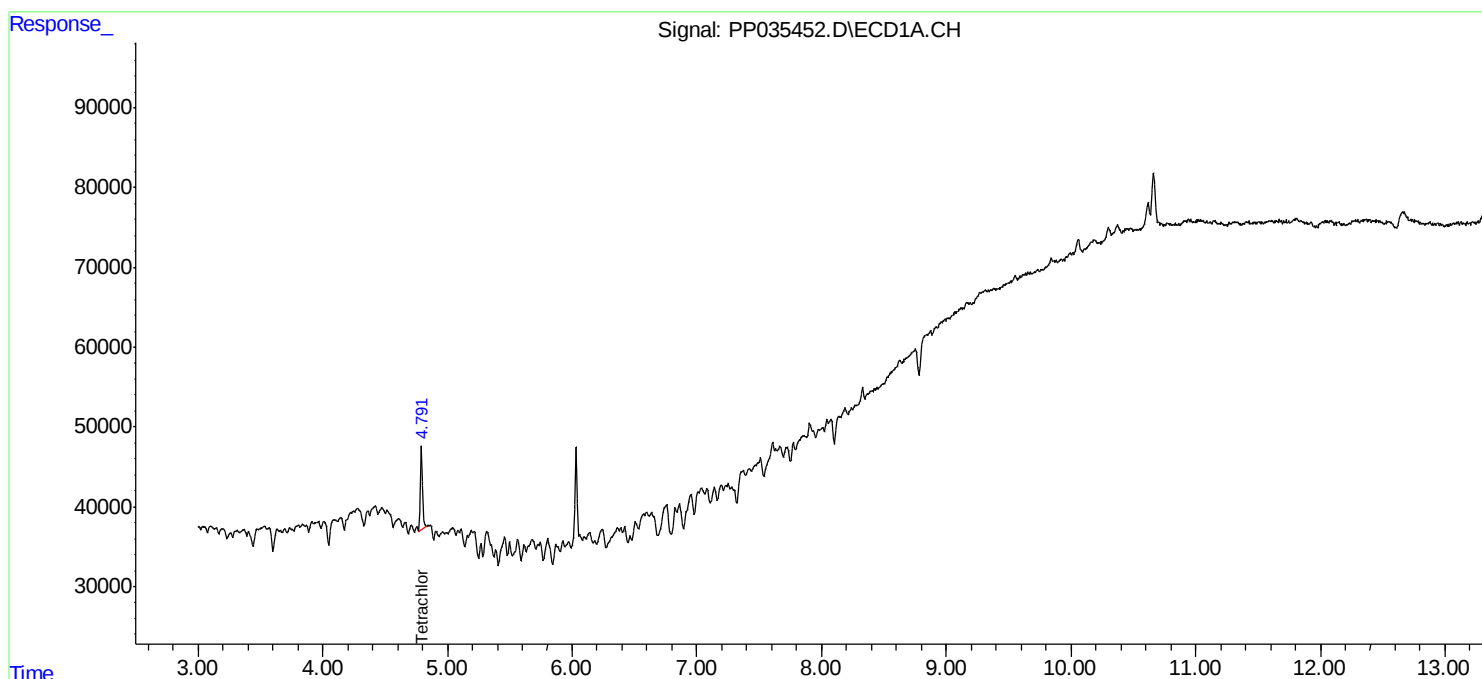
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

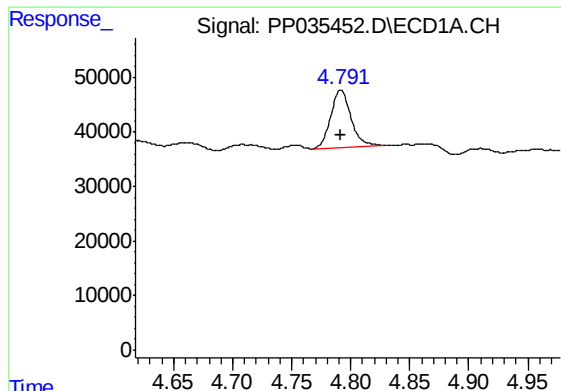
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043021\  
Data File : PP035452.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Apr 2021 19:22  
Operator : DD\AJ  
Sample : M2216-03 10X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 02:42:52 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042921.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 30 07:23:18 2021  
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

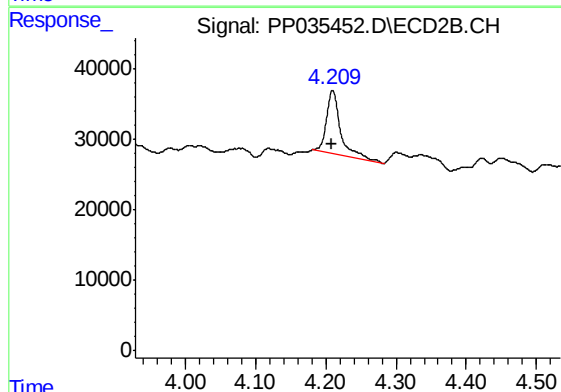




#1 Tetrachloro-m-xylene

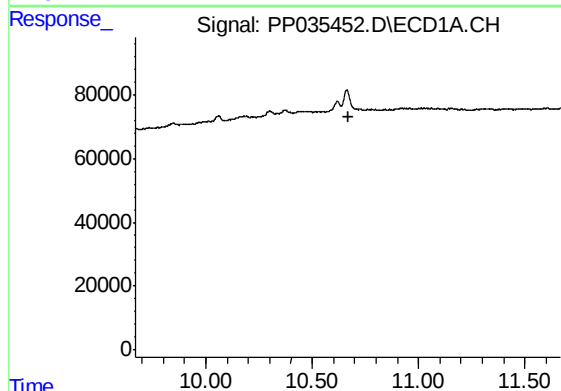
R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 125126  
Conc: 2.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



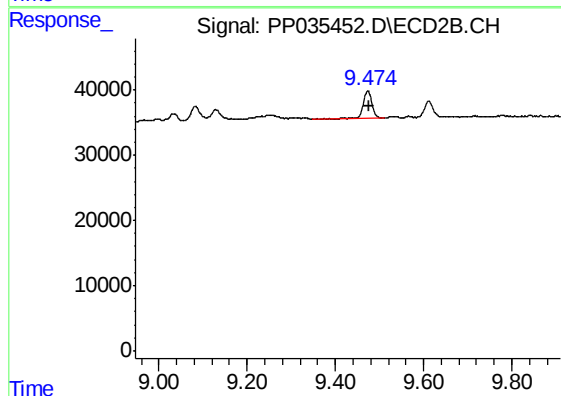
#1 Tetrachloro-m-xylene

R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 126413  
Conc: 3.71 ng/ml



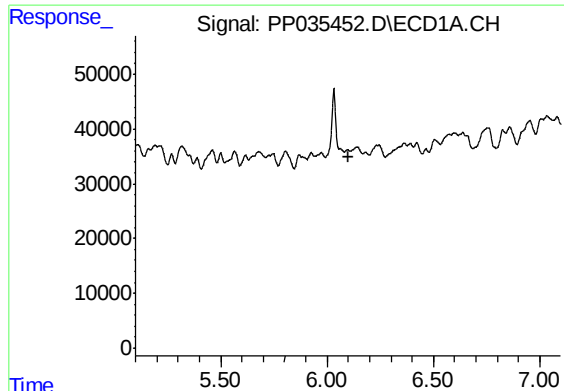
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.668 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

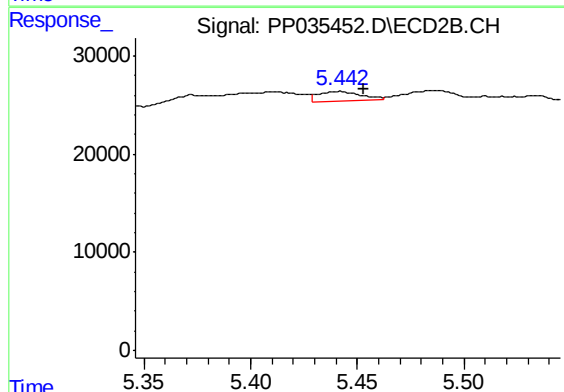
R.T.: 9.474 min  
Delta R.T.: -0.004 min  
Response: 57142  
Conc: 2.95 ng/ml



#3 AR-1016-1

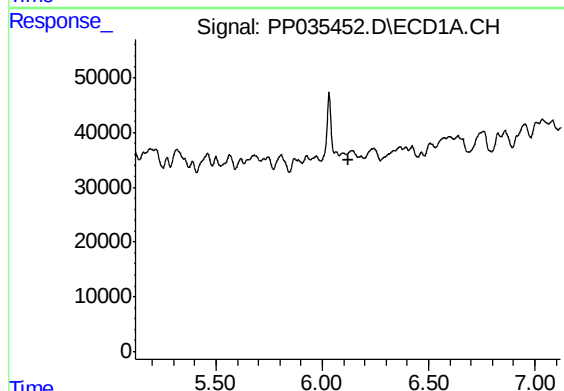
R.T.: 0.000 min  
Exp R.T. : 6.098 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



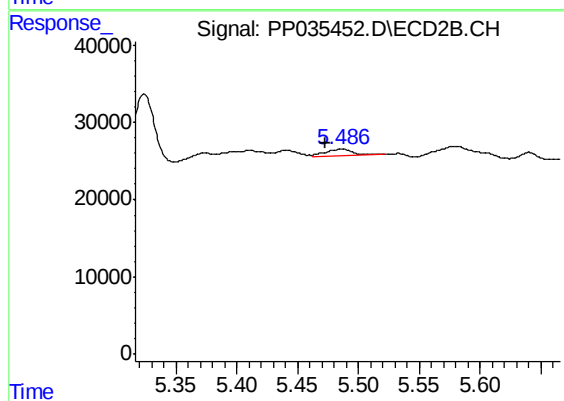
#3 AR-1016-1

R.T.: 5.441 min  
Delta R.T.: -0.012 min  
Response: 14062  
Conc: 13.23 ng/ml



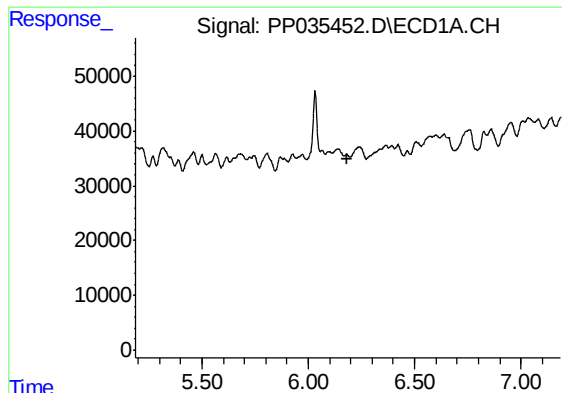
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 6.121 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

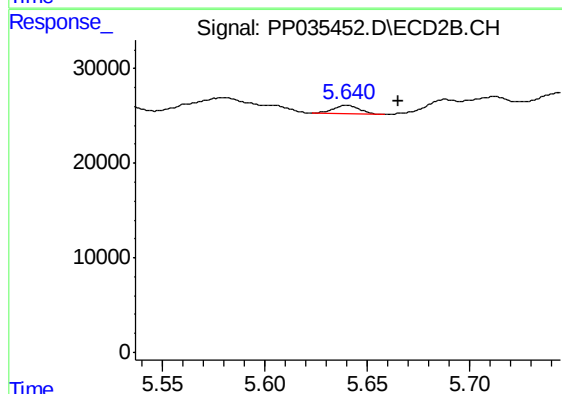
R.T.: 5.486 min  
Delta R.T.: 0.013 min  
Response: 14606  
Conc: 9.20 ng/ml



#5 AR-1016-3

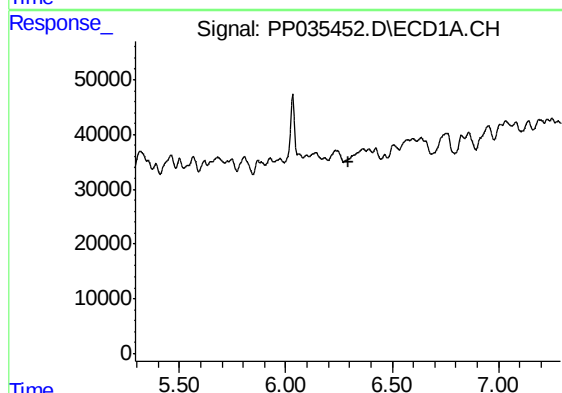
R.T.: 0.000 min  
Exp R.T. : 6.186 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



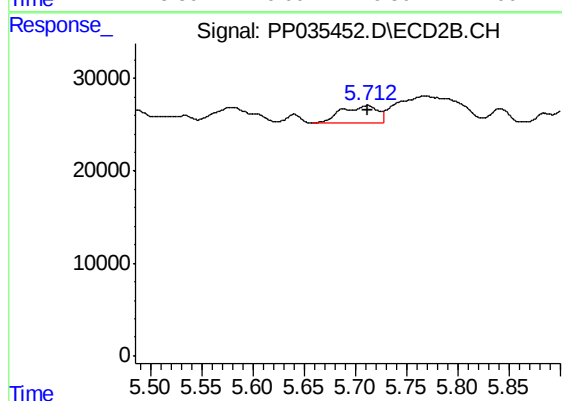
#5 AR-1016-3

R.T.: 5.640 min  
Delta R.T.: -0.025 min  
Response: 7351  
Conc: 8.78 ng/ml



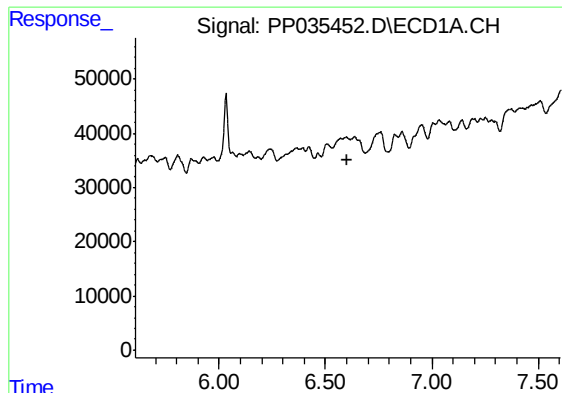
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.293 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

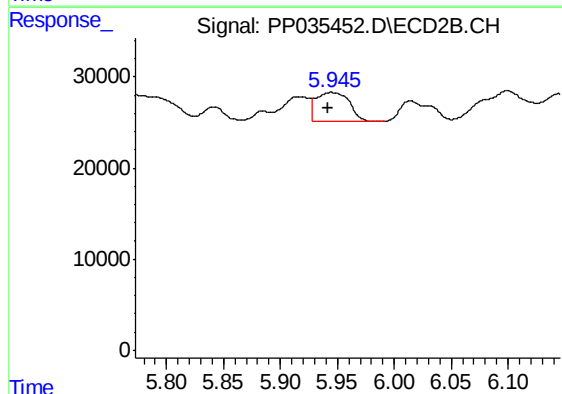
R.T.: 5.712 min  
Delta R.T.: 0.000 min  
Response: 45992  
Conc: 72.74 ng/ml



#7 AR-1016-5

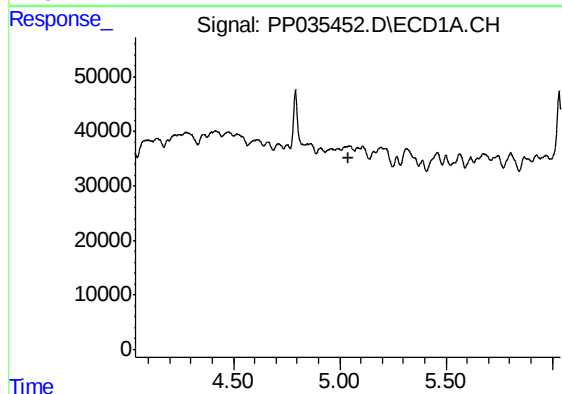
R.T.: 0.000 min  
Exp R.T.: 6.605 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



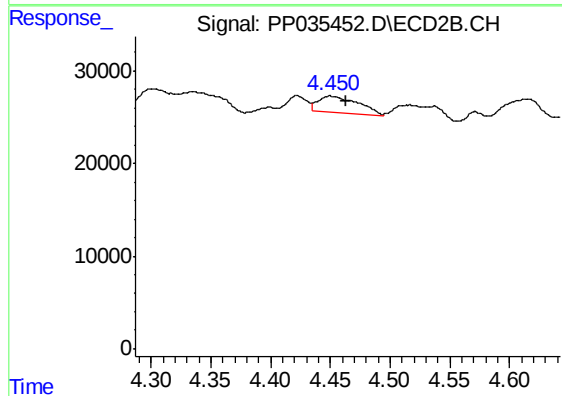
#7 AR-1016-5

R.T.: 5.945 min  
Delta R.T.: 0.003 min  
Response: 62944  
Conc: 74.65 ng/ml



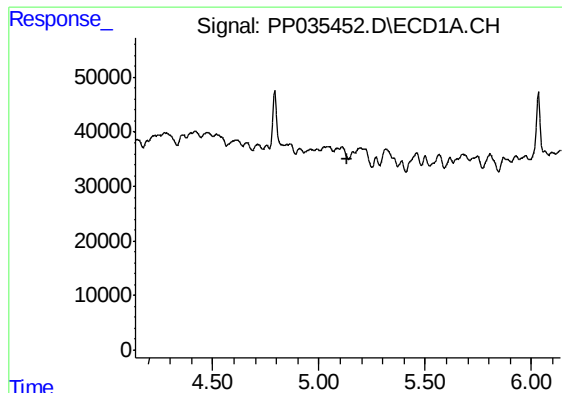
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 5.039 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

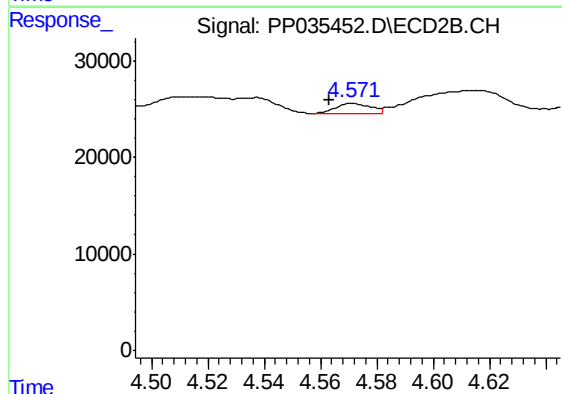
R.T.: 4.450 min  
Delta R.T.: -0.014 min  
Response: 42161  
Conc: 105.87 ng/ml



#9 AR-1221-2

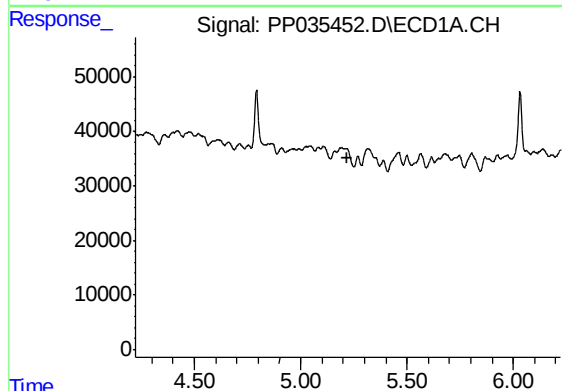
R.T.: 0.000 min  
Exp R.T.: 5.136 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



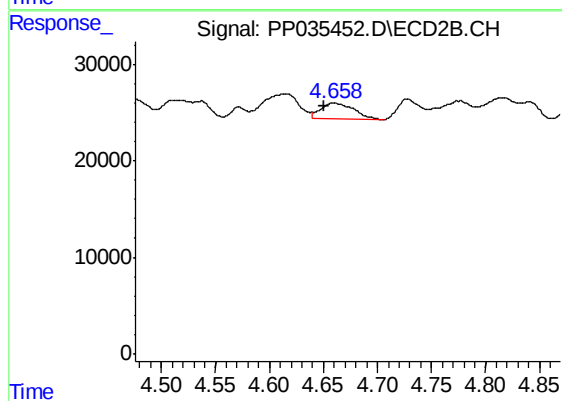
#9 AR-1221-2

R.T.: 4.571 min  
Delta R.T.: 0.008 min  
Response: 9079  
Conc: 30.58 ng/ml



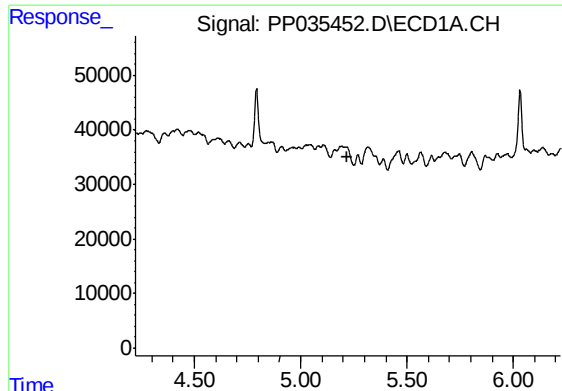
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 5.222 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

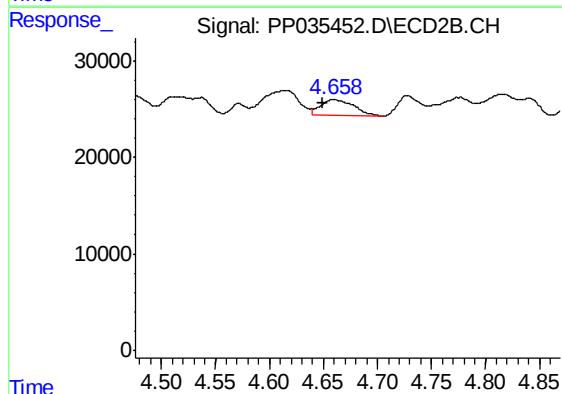
R.T.: 4.660 min  
Delta R.T.: 0.009 min  
Response: 34611  
Conc: 37.93 ng/ml



#11 AR-1232-1

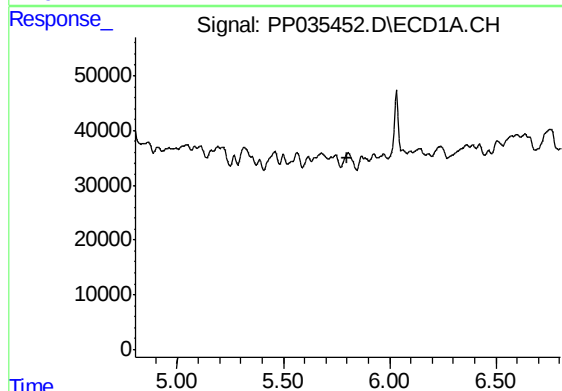
R.T.: 0.000 min  
Exp R.T. : 5.222 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



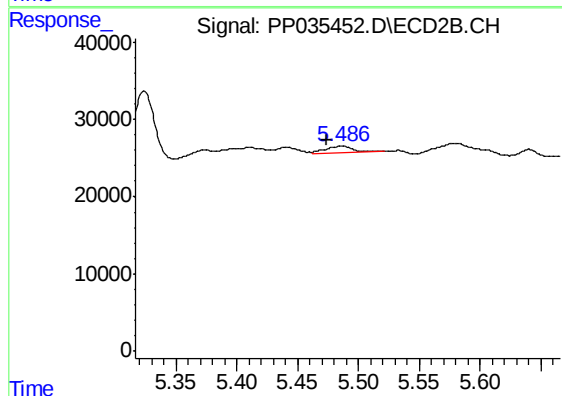
#11 AR-1232-1

R.T.: 4.660 min  
Delta R.T.: 0.010 min  
Response: 34611  
Conc: 47.80 ng/ml



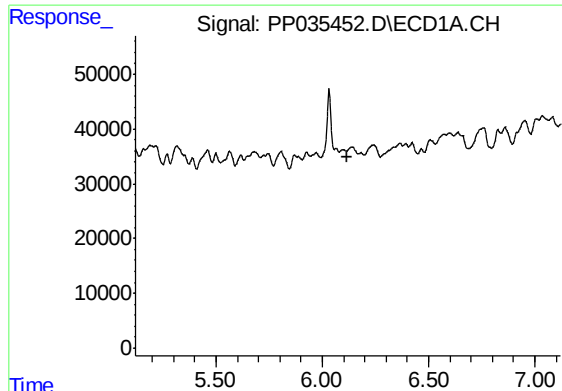
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.804 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

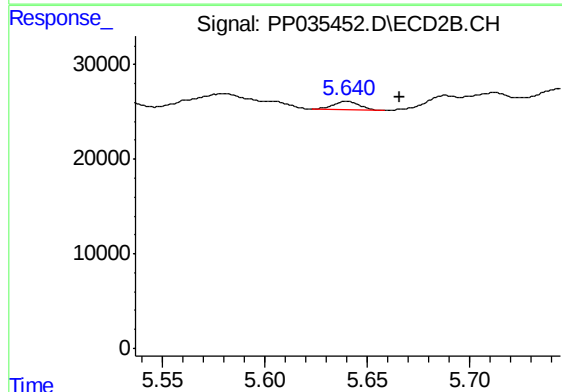
R.T.: 5.486 min  
Delta R.T.: 0.013 min  
Response: 14606  
Conc: 22.28 ng/ml



#13 AR-1232-3

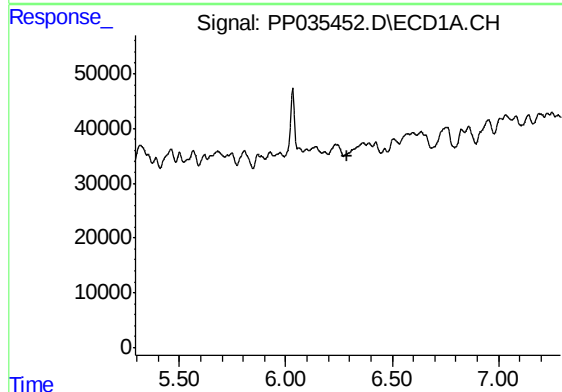
R.T.: 0.000 min  
Exp R.T. : 6.120 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



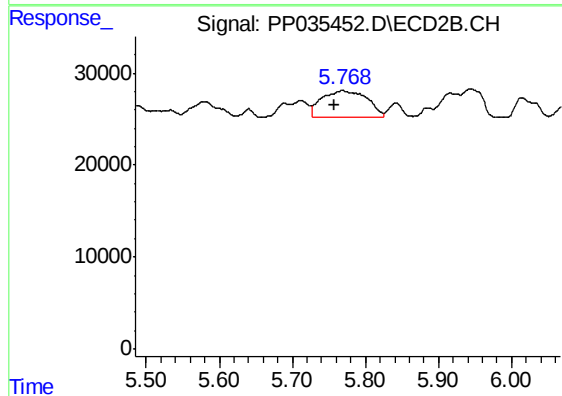
#13 AR-1232-3

R.T.: 5.640 min  
Delta R.T.: -0.026 min  
Response: 7351  
Conc: 22.19 ng/ml



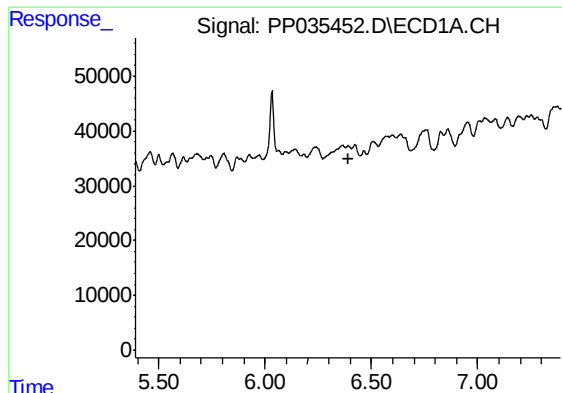
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.292 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

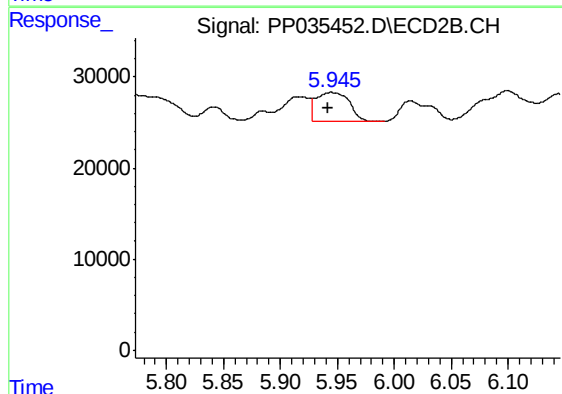
R.T.: 5.769 min  
Delta R.T.: 0.012 min  
Response: 126130  
Conc: 432.85 ng/ml



#15 AR-1232-5

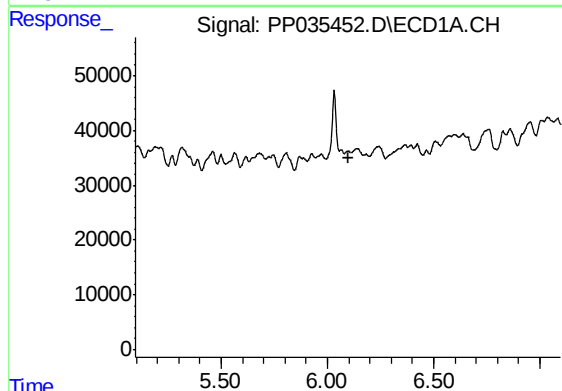
R.T.: 0.000 min  
Exp R.T.: 6.390 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



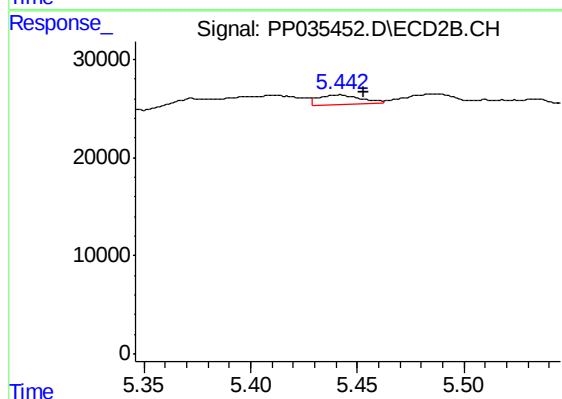
#15 AR-1232-5

R.T.: 5.945 min  
Delta R.T.: 0.003 min  
Response: 62944  
Conc: 202.56 ng/ml



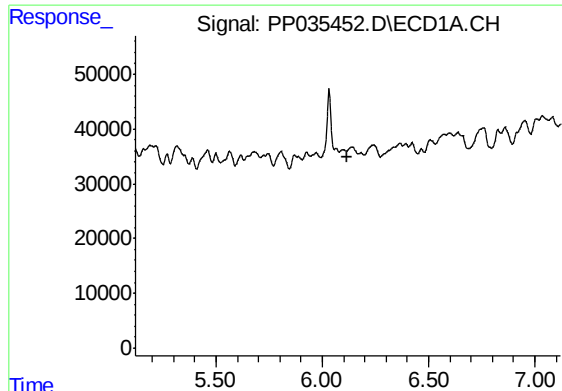
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 6.097 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

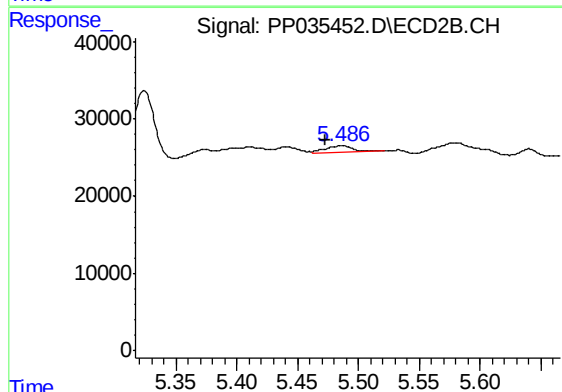
R.T.: 5.441 min  
Delta R.T.: -0.012 min  
Response: 14062  
Conc: 18.67 ng/ml



#17 AR-1242-2

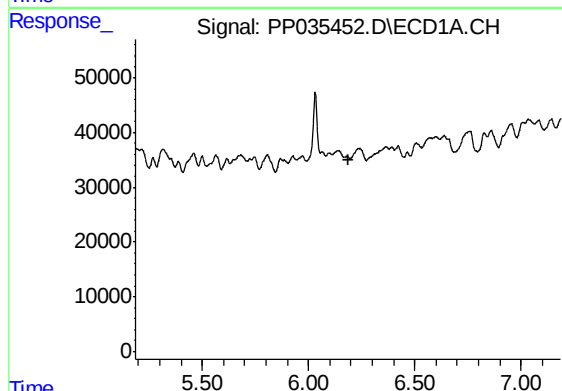
R.T.: 0.000 min  
Exp R.T. : 6.121 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



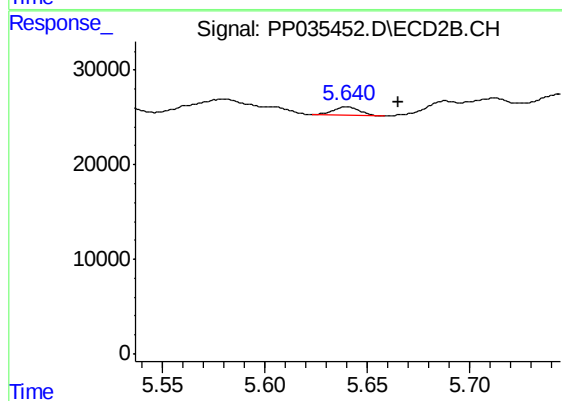
#17 AR-1242-2

R.T.: 5.486 min  
Delta R.T.: 0.013 min  
Response: 14606  
Conc: 13.03 ng/ml



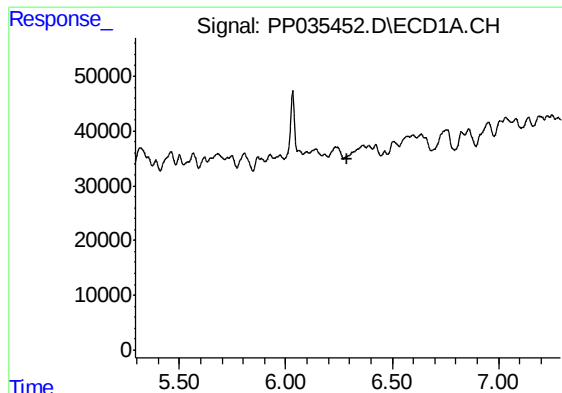
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 6.186 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

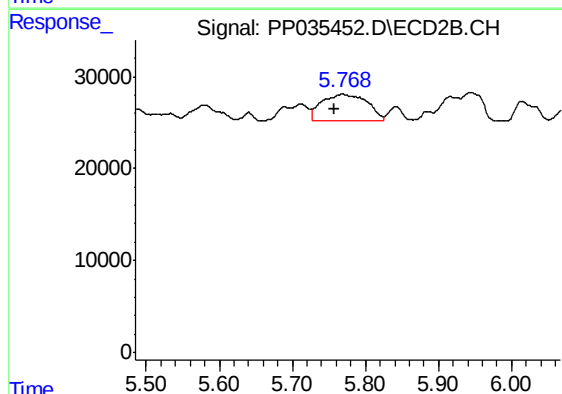
R.T.: 5.640 min  
Delta R.T.: -0.025 min  
Response: 7351  
Conc: 11.98 ng/ml



#19 AR-1242-4

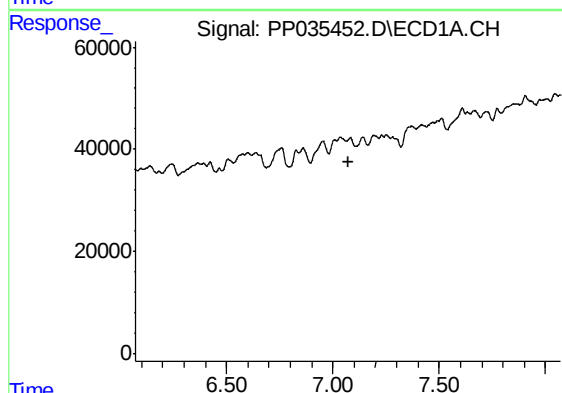
R.T.: 0.000 min  
Exp R.T. : 6.292 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



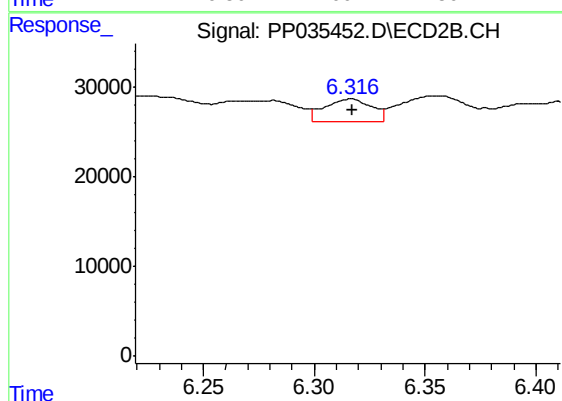
#19 AR-1242-4

R.T.: 5.769 min  
Delta R.T.: 0.012 min  
Response: 126130  
Conc: 214.33 ng/ml



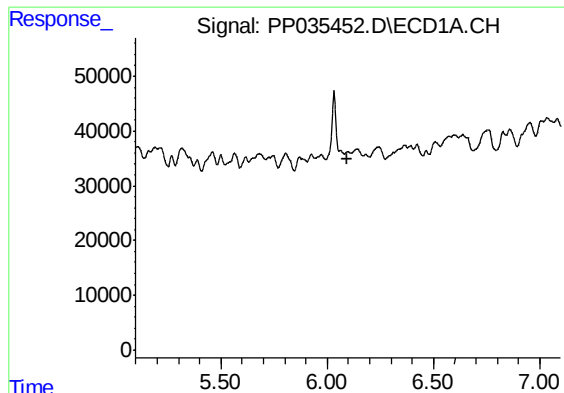
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 7.071 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

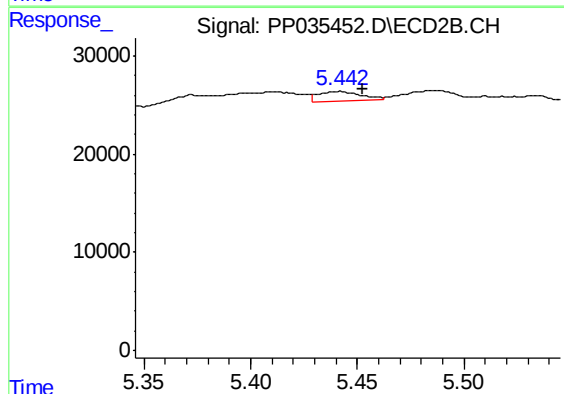
R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 37408  
Conc: 53.31 ng/ml



#21 AR-1248-1

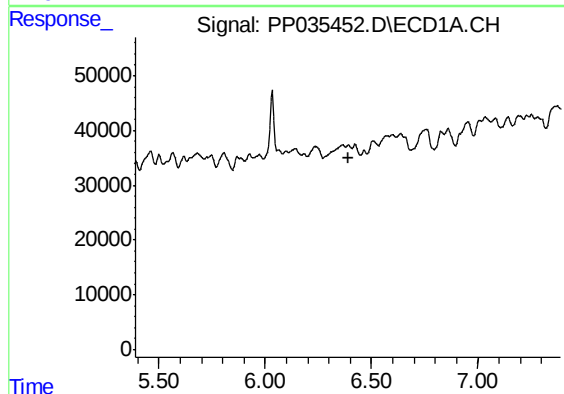
R.T.: 0.000 min  
Exp R.T. : 6.097 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



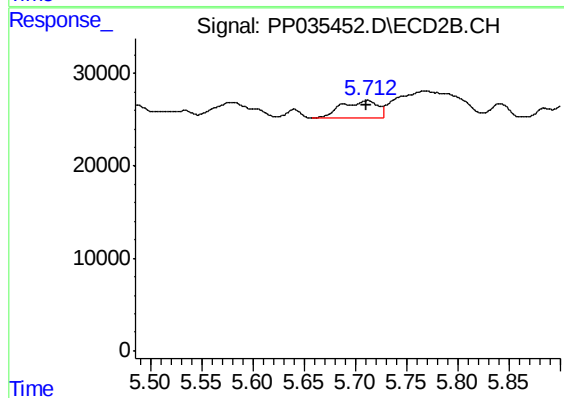
#21 AR-1248-1

R.T.: 5.441 min  
Delta R.T.: -0.011 min  
Response: 14062  
Conc: 23.50 ng/ml



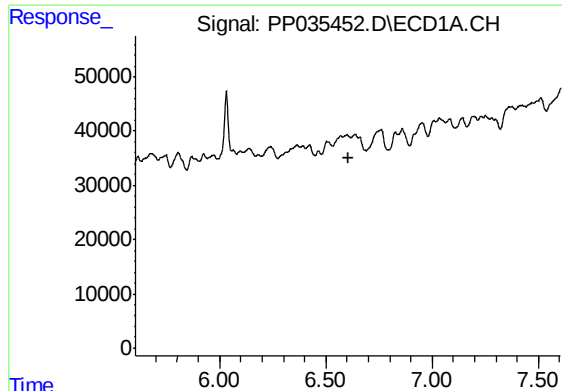
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.389 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

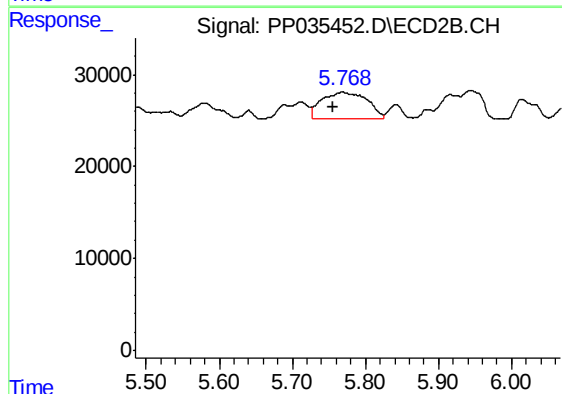
R.T.: 5.712 min  
Delta R.T.: 0.000 min  
Response: 45992  
Conc: 55.32 ng/ml



#23 AR-1248-3

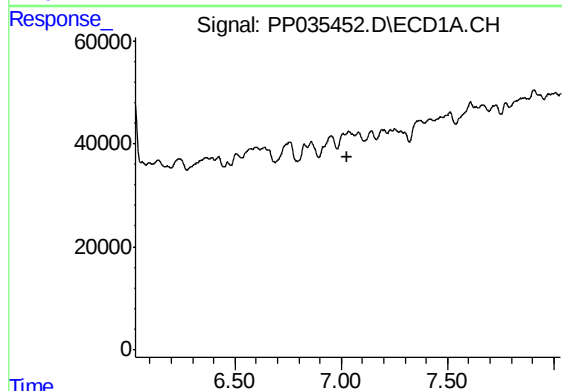
R.T.: 0.000 min  
Exp R.T. : 6.604 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



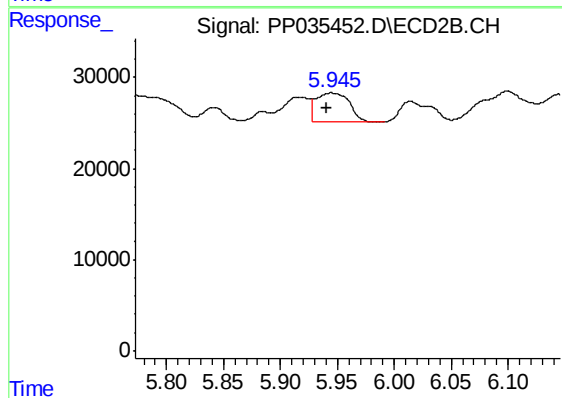
#23 AR-1248-3

R.T.: 5.769 min  
Delta R.T.: 0.013 min  
Response: 126130  
Conc: 144.54 ng/ml



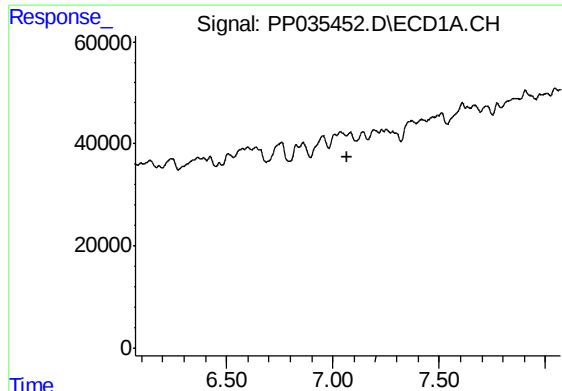
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 7.031 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

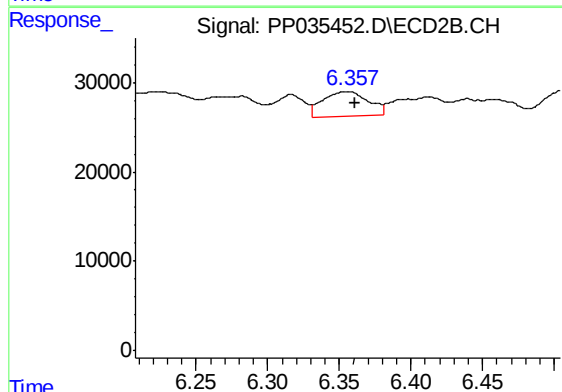
R.T.: 5.945 min  
Delta R.T.: 0.004 min  
Response: 62944  
Conc: 61.40 ng/ml



#25 AR-1248-5

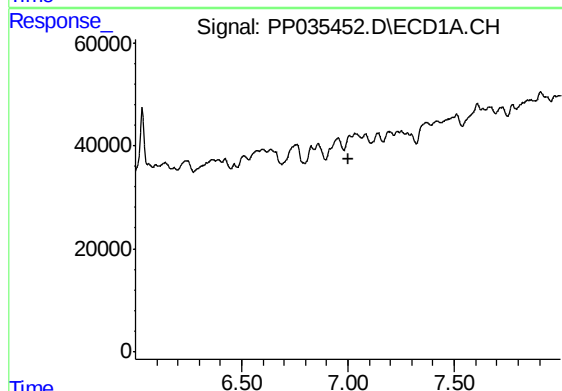
R.T.: 0.000 min  
Exp R.T. : 7.070 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



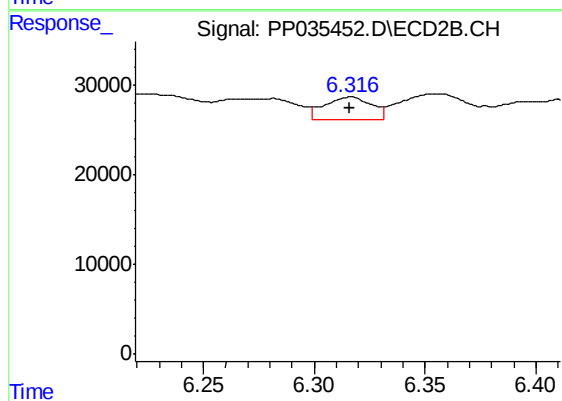
#25 AR-1248-5

R.T.: 6.355 min  
Delta R.T.: -0.005 min  
Response: 60948  
Conc: 63.89 ng/ml



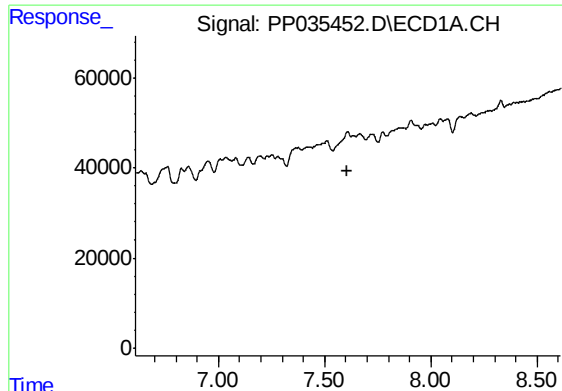
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 7.000 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

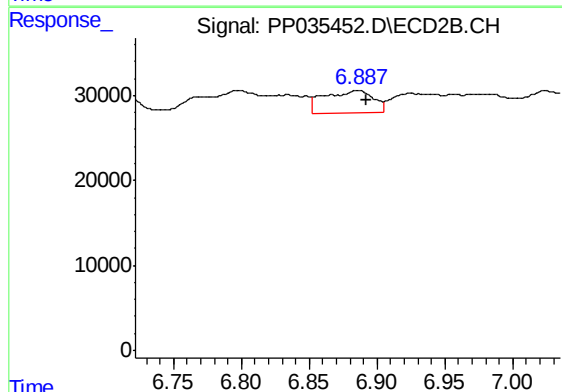
R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 37408  
Conc: 25.38 ng/ml



#28 AR-1254-3

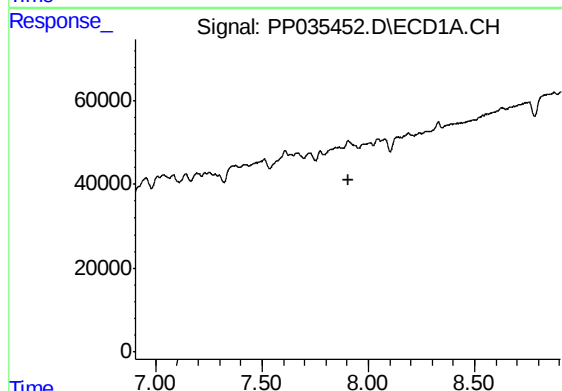
R.T.: 0.000 min  
Exp R.T. : 7.610 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



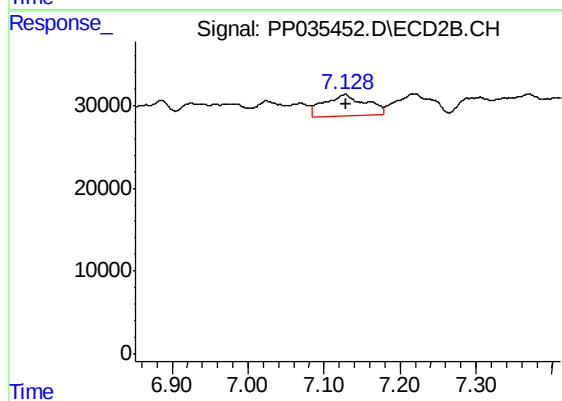
#28 AR-1254-3

R.T.: 6.886 min  
Delta R.T.: -0.006 min  
Response: 67977  
Conc: 33.50 ng/ml



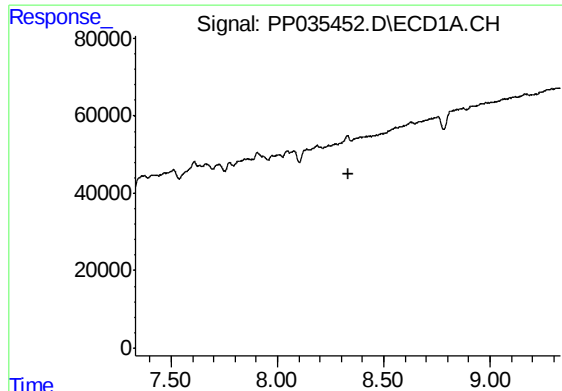
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.904 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

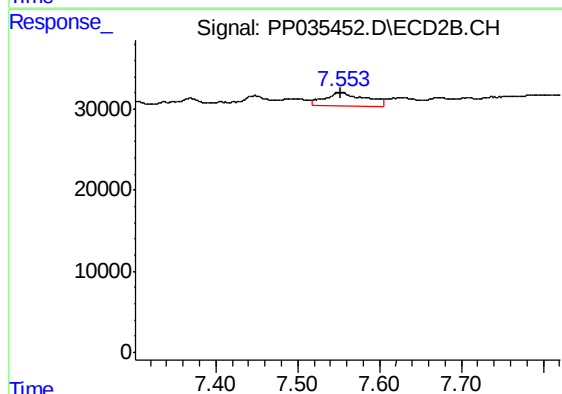
R.T.: 7.127 min  
Delta R.T.: -0.001 min  
Response: 101235  
Conc: 82.29 ng/ml



#30 AR-1254-5

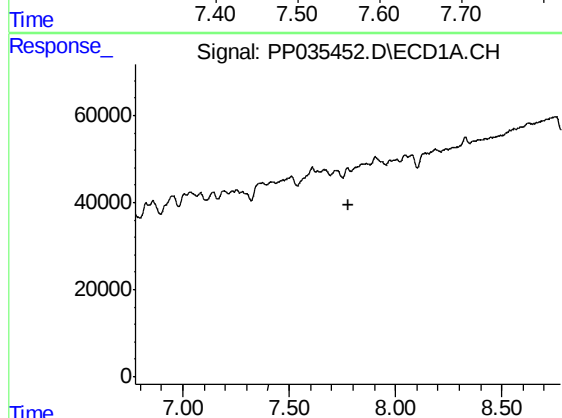
R.T.: 0.000 min  
Exp R.T. : 8.331 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



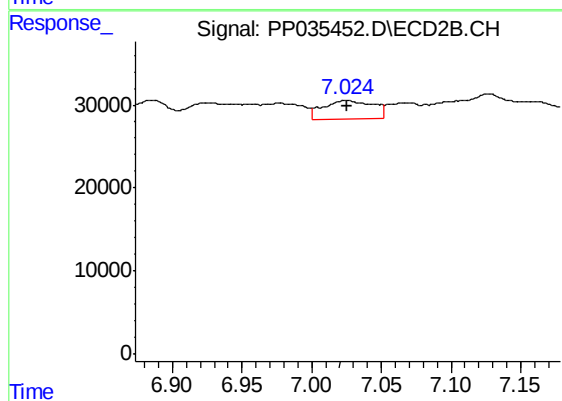
#30 AR-1254-5

R.T.: 7.552 min  
Delta R.T.: 0.000 min  
Response: 54627  
Conc: 29.18 ng/ml



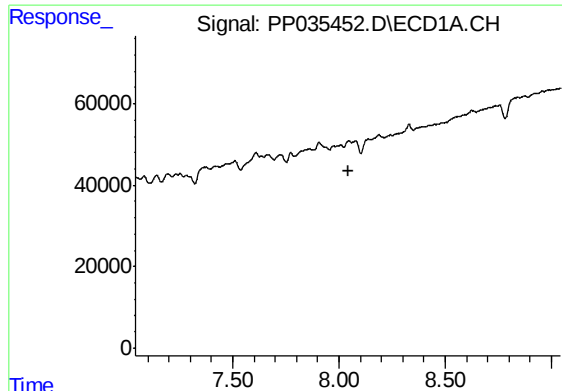
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.777 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

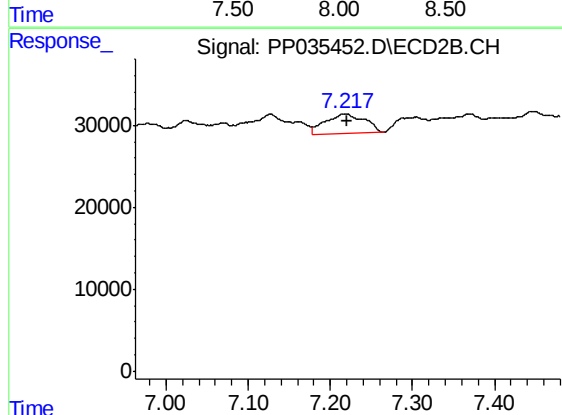
R.T.: 7.025 min  
Delta R.T.: -0.001 min  
Response: 53475  
Conc: 37.43 ng/ml



#32 AR-1260-2

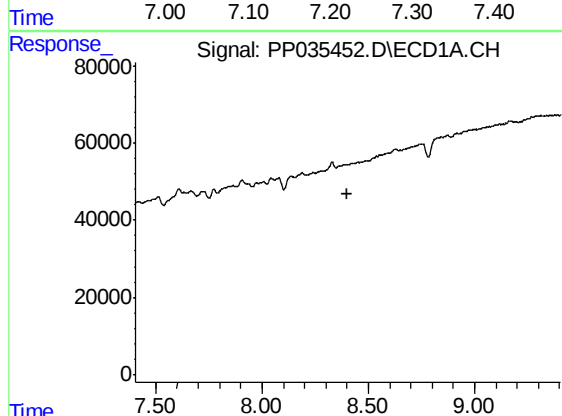
R.T.: 0.000 min  
Exp R.T. : 8.042 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



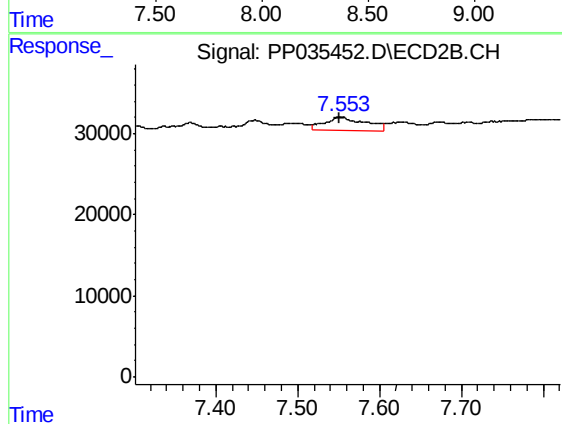
#32 AR-1260-2

R.T.: 7.218 min  
Delta R.T.: -0.002 min  
Response: 80395  
Conc: 47.88 ng/ml



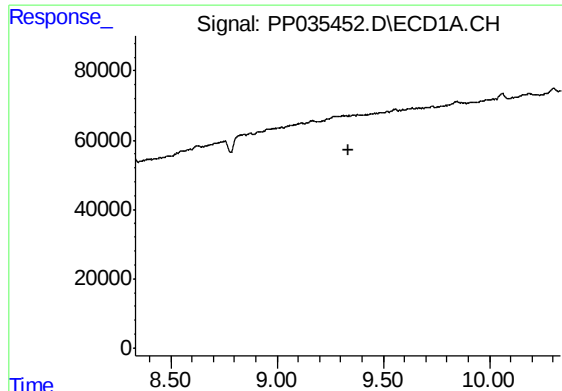
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.404 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

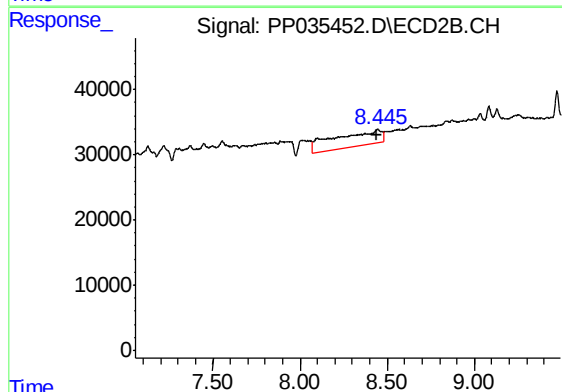
R.T.: 7.552 min  
Delta R.T.: 0.001 min  
Response: 54627  
Conc: 57.27 ng/ml



#39 AR-1262-4

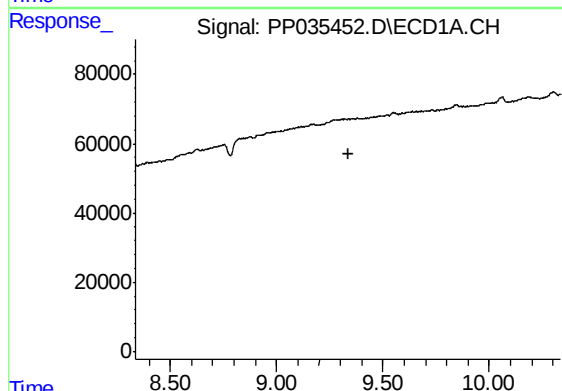
R.T.: 0.000 min  
Exp R.T. : 9.334 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



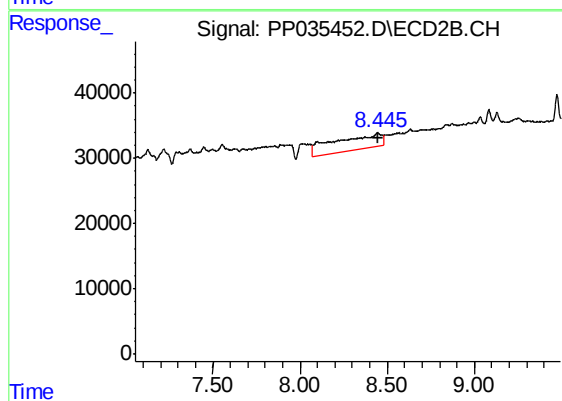
#39 AR-1262-4

R.T.: 8.445 min  
Delta R.T.: 0.001 min  
Response: 430485  
Conc: 193.67 ng/ml



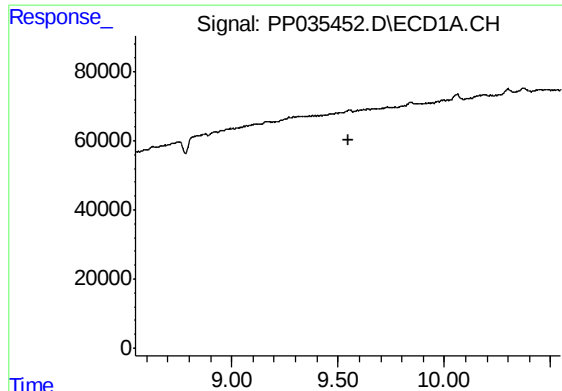
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 9.336 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

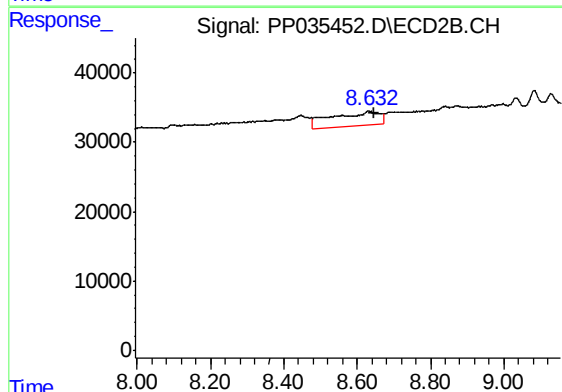
R.T.: 8.445 min  
Delta R.T.: 0.000 min  
Response: 430485  
Conc: 136.50 ng/ml



#43 AR-1268-3

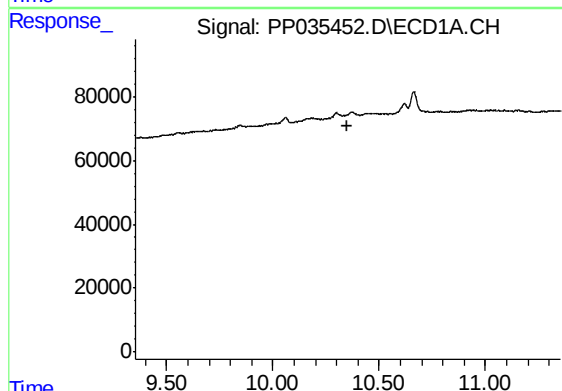
R.T.: 0.000 min  
Exp R.T. : 9.547 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
KZH01ZP-END-2-1



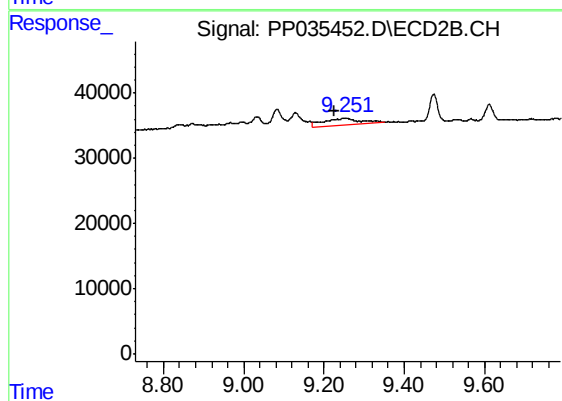
#43 AR-1268-3

R.T.: 8.632 min  
Delta R.T.: -0.013 min  
Response: 176363  
Conc: 65.24 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 10.353 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.252 min  
Delta R.T.: 0.026 min  
Response: 60239  
Conc: 7.82 ng/ml