

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP040121\  
 Data File : PP034540.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Apr 2021 15:28  
 Operator : DD\AJ  
 Sample : M1828-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 FS-SB14(15-16)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 17:20:45 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP033021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 31 06:02:19 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... | 4.845  | 4.256  | 1731083 | 1011267 | 22.693  | 22.511    |
| 2)                          | SA Decachlor... | 10.769 | 9.564  | 1537264 | 536978  | 19.970  | 19.018    |
| Target Compounds            |                 |        |        |         |         |         |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.741f | 0       | 12954   | N.D.    | 13.863 #  |
| 6)                          | L1 AR-1016-4    | 6.370f | 0.000  | 382234  | 0       | 214.638 | N.D. #    |
| 8)                          | L2 AR-1221-1    | 5.093  | 0.000  | 132886  | 0       | 181.782 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.196  | 4.608  | 21813   | 40232   | 38.294  | 115.319 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.741f | 0       | 12954   | N.D.    | 32.636 #  |
| 14)                         | L3 AR-1232-4    | 6.370f | 5.823  | 382234  | 7713    | 532.128 | 22.424 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.741f | 0       | 12954   | N.D.    | 17.349 #  |
| 19)                         | L4 AR-1242-4    | 6.370f | 5.823  | 382234  | 7713    | 273.327 | 10.483 #  |
| 20)                         | L4 AR-1242-5    | 7.138  | 6.385  | 39784   | 43816   | 27.018  | 53.437 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.823  | 0       | 7713    | N.D.    | 7.038 #   |
| 24)                         | L5 AR-1248-4    | 7.102  | 0.000  | 123070  | 0       | 48.227  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.138  | 6.432  | 39784   | 61685   | 15.613  | 54.582 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.385  | 0       | 43816   | N.D.    | 23.750 #  |
| 27)                         | L6 AR-1254-2    | 7.311f | 6.534  | 51072   | 61744   | 12.011  | 38.593 #  |
| 28)                         | L6 AR-1254-3    | 7.690f | 6.956  | 307622  | 40675   | 67.399  | 16.298 #  |
| 29)                         | L6 AR-1254-4    | 7.964  | 7.190  | 196343  | 34158   | 63.503  | 25.985 #  |
| 30)                         | L6 AR-1254-5    | 8.403  | 7.617  | 52785   | 54126   | 14.853  | 26.631 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.100  | 0       | 78737   | N.D.    | 51.272 #  |
| 32)                         | L7 AR-1260-2    | 8.087f | 7.264f | 88418   | 227145  | 23.544  | 125.745 # |
| 33)                         | L7 AR-1260-3    | 8.474  | 7.447  | 12057   | 55713   | 3.989   | 32.113 #  |
| 34)                         | L7 AR-1260-4    | 8.678f | 7.910  | 45004   | 8615    | 12.891  | 6.009 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 8.159  | 0       | 3445    | N.D.    | 1.008 #   |
| 36)                         | L8 AR-1262-1    | 8.474  | 7.617  | 12057   | 54126   | 2.635   | 50.397 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 8.159  | 0       | 3445    | N.D.    | 1.004 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.454  | 0       | 16207   | N.D.    | 10.816 #  |
| 39)                         | L8 AR-1262-4    | 9.403  | 8.510  | 29915   | 13172   | 6.736   | 4.783 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 9.032f | 0       | 3385    | N.D.    | 2.983 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.454  | 0       | 16207   | N.D.    | 3.751 #   |
| 42)                         | L9 AR-1268-2    | 9.403  | 8.510  | 29915   | 13172   | 3.127   | 3.183     |
| 43)                         | L9 AR-1268-3    | 9.596f | 8.723  | 24520   | 16993   | 2.792   | 4.671 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 9.032f | 0       | 3385    | N.D.    | 2.627 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.306  | 0       | 14811   | N.D.    | 1.426 #   |
| -----                       |                 |        |        |         |         |         |           |

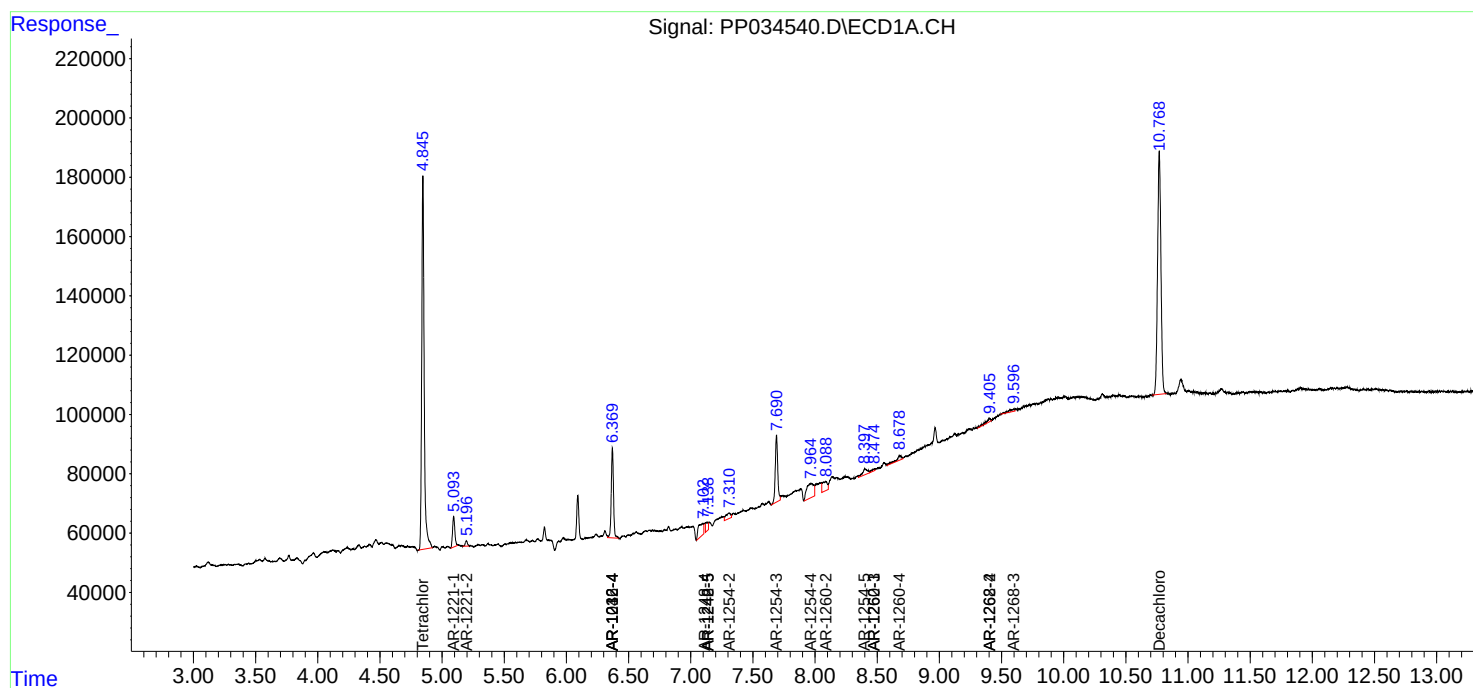
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

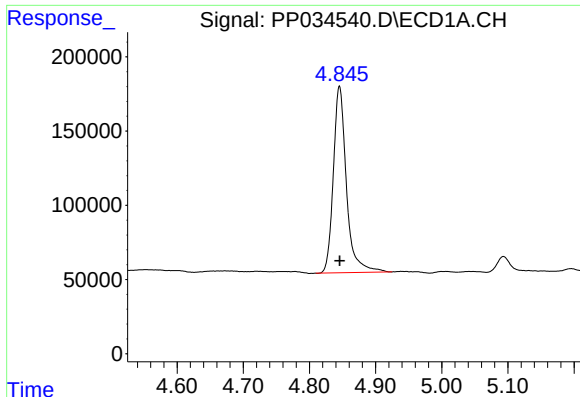
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP040121\  
Data File : PP034540.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Apr 2021 15:28  
Operator : DD\AJ  
Sample : M1828-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :  
FS-SB14(15-16)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 17:20:45 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP033021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 31 06:02:19 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

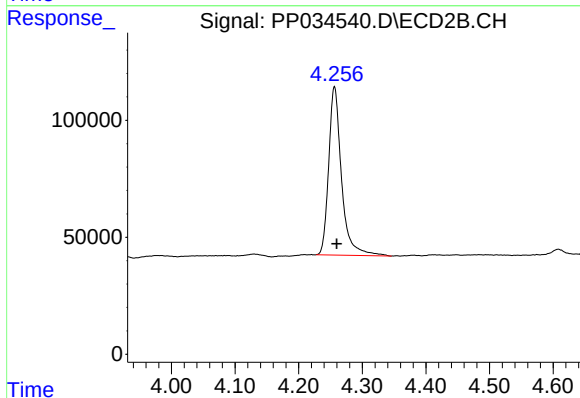




#1 Tetrachloro-m-xylene

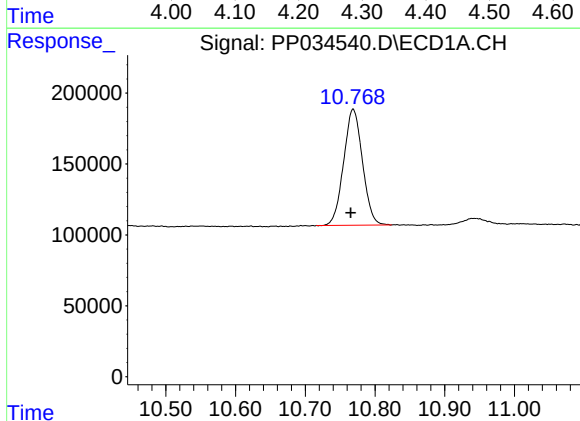
R.T.: 4.845 min  
Delta R.T.: 0.000 min  
Response: 1731083  
Conc: 22.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



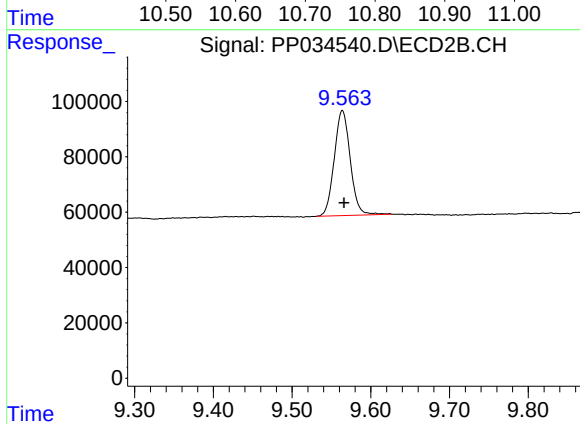
#1 Tetrachloro-m-xylene

R.T.: 4.256 min  
Delta R.T.: -0.003 min  
Response: 1011267  
Conc: 22.51 ng/ml



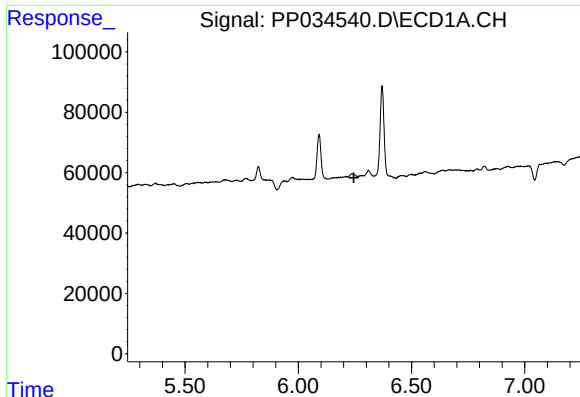
#2 Decachlorobiphenyl

R.T.: 10.769 min  
Delta R.T.: 0.004 min  
Response: 1537264  
Conc: 19.97 ng/ml



#2 Decachlorobiphenyl

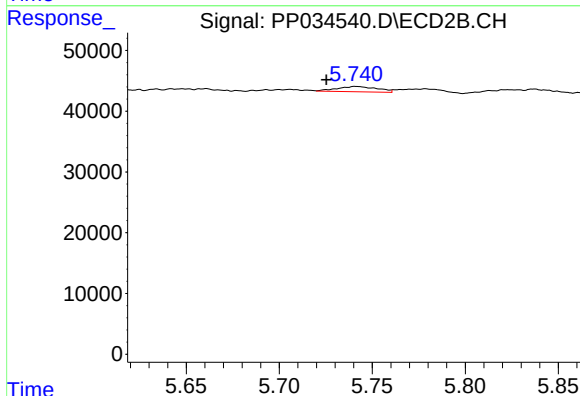
R.T.: 9.564 min  
Delta R.T.: -0.002 min  
Response: 536978  
Conc: 19.02 ng/ml



#5 AR-1016-3

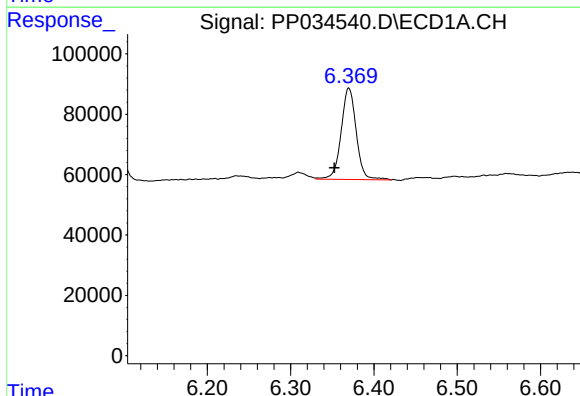
R.T.: 0.000 min  
Exp R.T.: 6.246 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



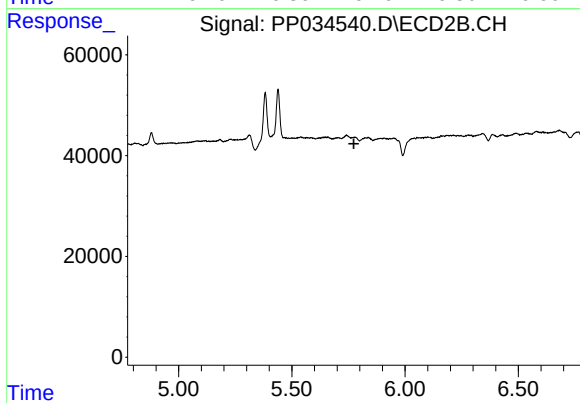
#5 AR-1016-3

R.T.: 5.741 min  
Delta R.T.: 0.016 min  
Response: 12954  
Conc: 13.86 ng/ml



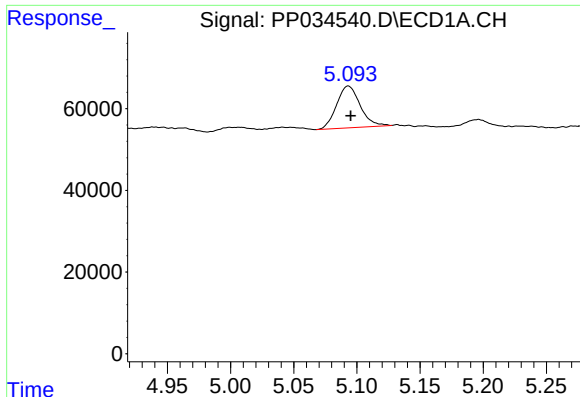
#6 AR-1016-4

R.T.: 6.370 min  
Delta R.T.: 0.017 min  
Response: 382234  
Conc: 214.64 ng/ml



#6 AR-1016-4

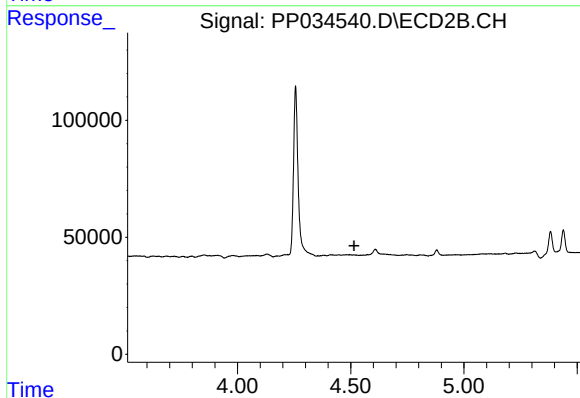
R.T.: 0.000 min  
Exp R.T.: 5.774 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

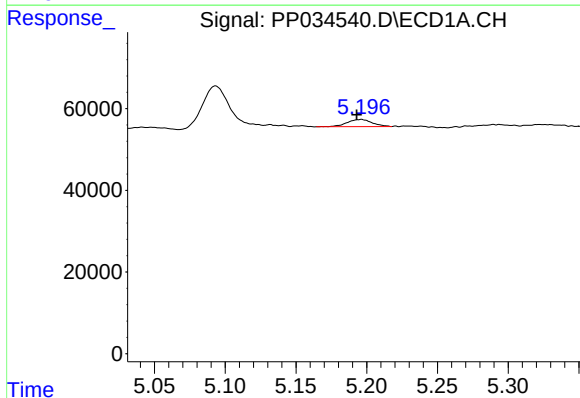
R.T.: 5.093 min  
Delta R.T.: -0.002 min  
Response: 132886  
Conc: 181.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



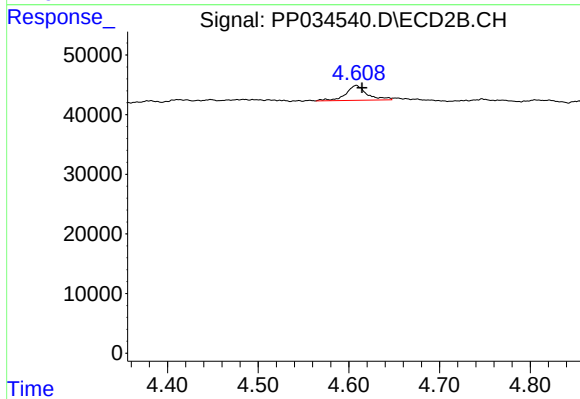
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.514 min  
Response: 0  
Conc: N.D.



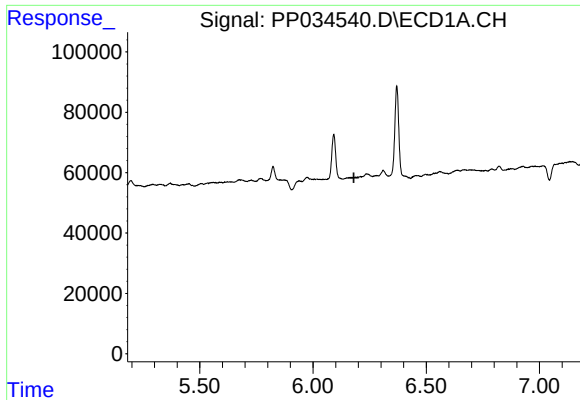
#9 AR-1221-2

R.T.: 5.196 min  
Delta R.T.: 0.004 min  
Response: 21813  
Conc: 38.29 ng/ml



#9 AR-1221-2

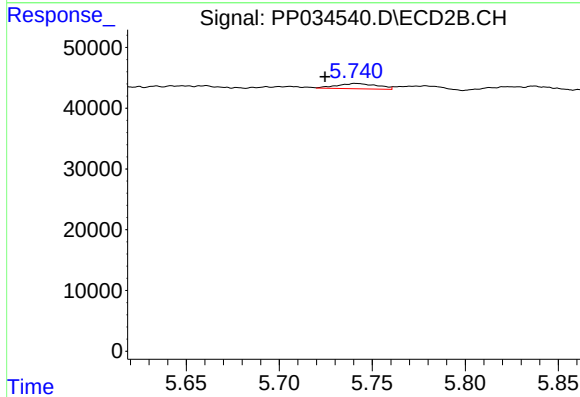
R.T.: 4.608 min  
Delta R.T.: -0.006 min  
Response: 40232  
Conc: 115.32 ng/ml



#13 AR-1232-3

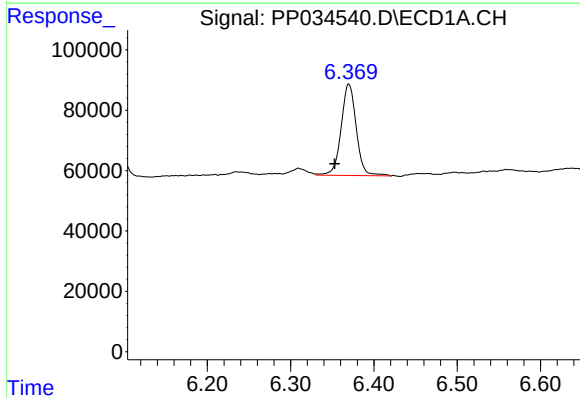
R.T.: 0.000 min  
Exp R.T.: 6.180 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



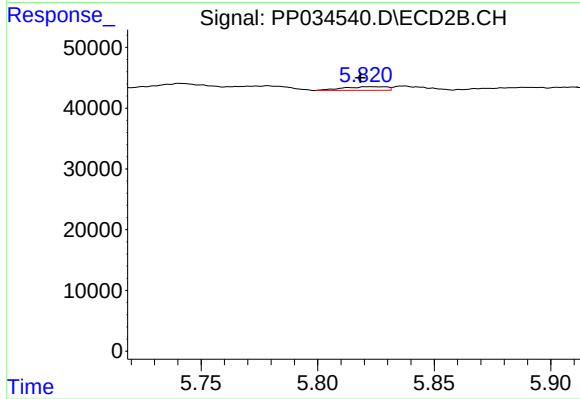
#13 AR-1232-3

R.T.: 5.741 min  
Delta R.T.: 0.017 min  
Response: 12954  
Conc: 32.64 ng/ml



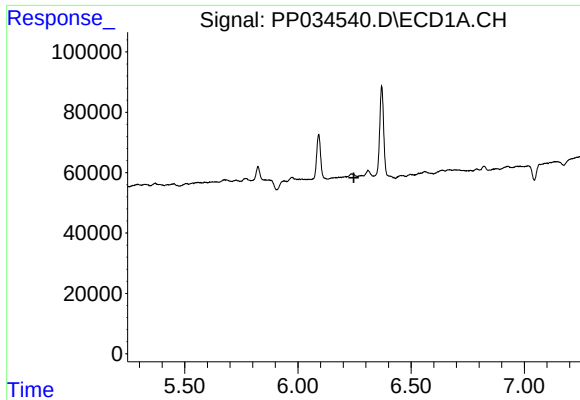
#14 AR-1232-4

R.T.: 6.370 min  
Delta R.T.: 0.017 min  
Response: 382234  
Conc: 532.13 ng/ml



#14 AR-1232-4

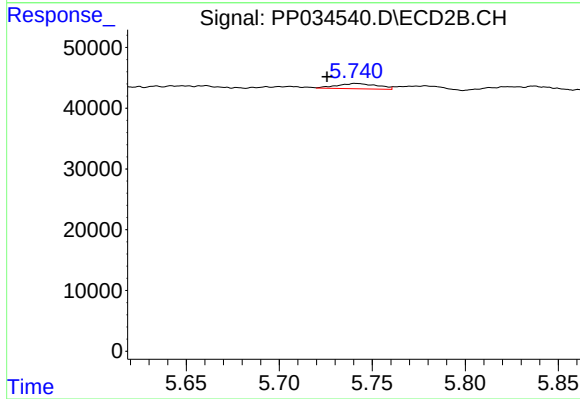
R.T.: 5.823 min  
Delta R.T.: 0.005 min  
Response: 7713  
Conc: 22.42 ng/ml



#18 AR-1242-3

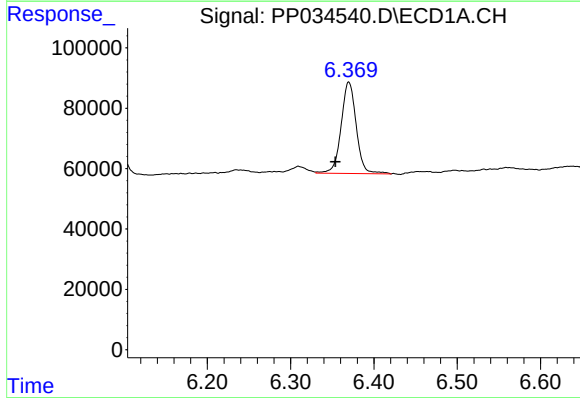
R.T.: 0.000 min  
Exp R.T.: 6.247 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



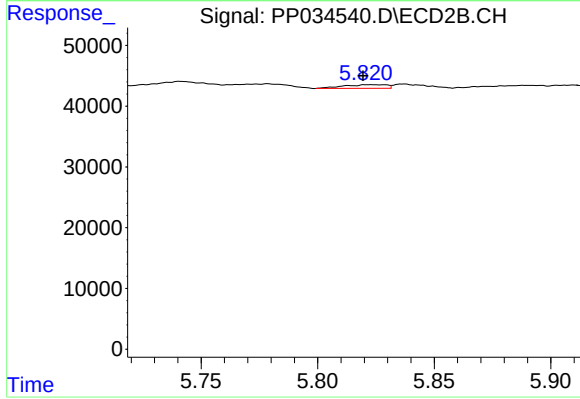
#18 AR-1242-3

R.T.: 5.741 min  
Delta R.T.: 0.016 min  
Response: 12954  
Conc: 17.35 ng/ml



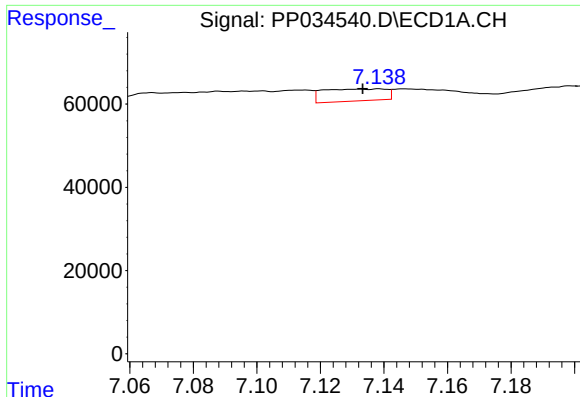
#19 AR-1242-4

R.T.: 6.370 min  
Delta R.T.: 0.016 min  
Response: 382234  
Conc: 273.33 ng/ml



#19 AR-1242-4

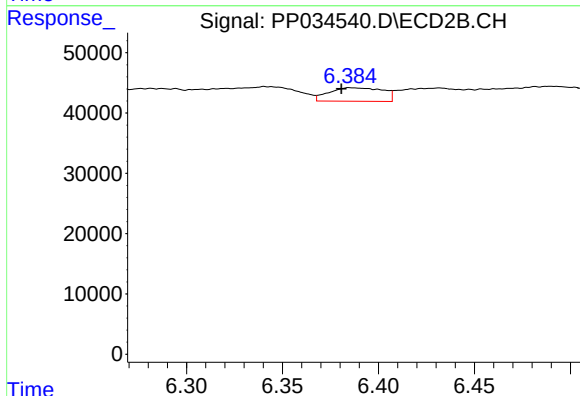
R.T.: 5.823 min  
Delta R.T.: 0.003 min  
Response: 7713  
Conc: 10.48 ng/ml



#20 AR-1242-5

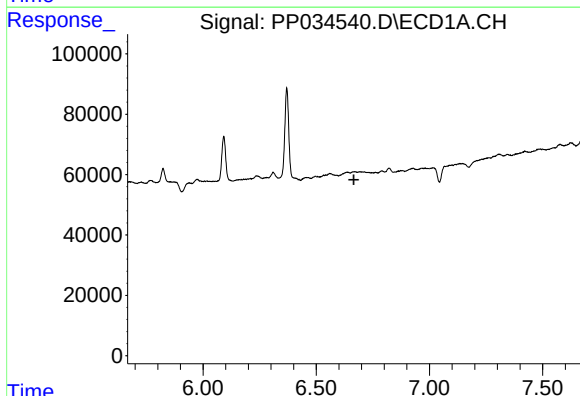
R.T.: 7.138 min  
Delta R.T.: 0.005 min  
Response: 39784  
Conc: 27.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



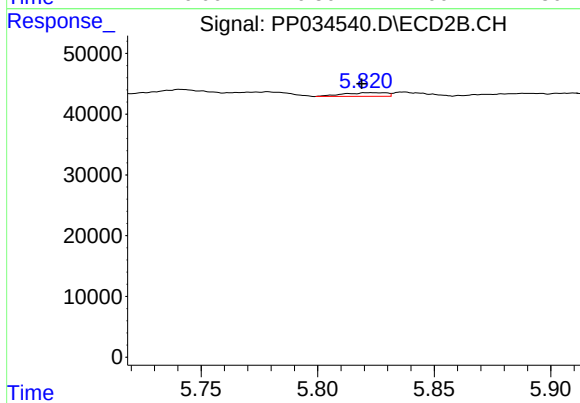
#20 AR-1242-5

R.T.: 6.385 min  
Delta R.T.: 0.005 min  
Response: 43816  
Conc: 53.44 ng/ml



#23 AR-1248-3

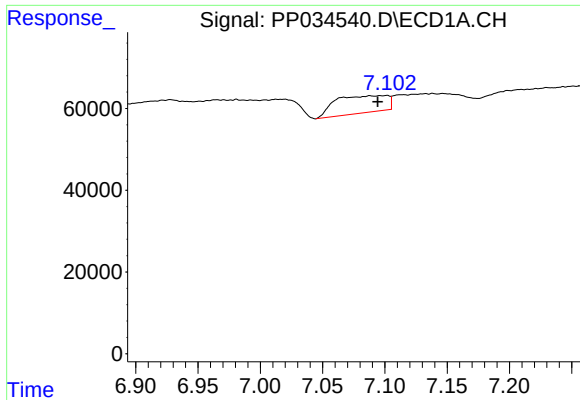
R.T.: 0.000 min  
Exp R.T. : 6.666 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

R.T.: 5.823 min  
Delta R.T.: 0.004 min  
Response: 7713  
Conc: 7.04 ng/ml

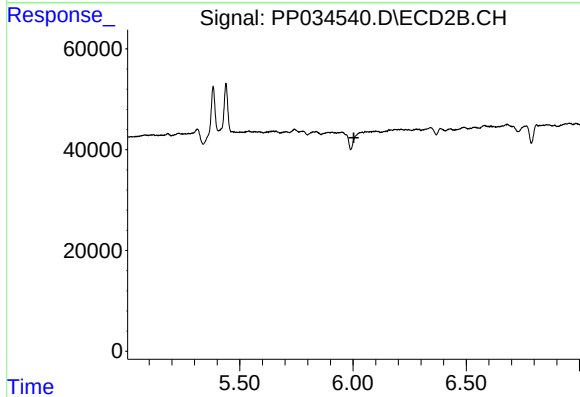




#24 AR-1248-4

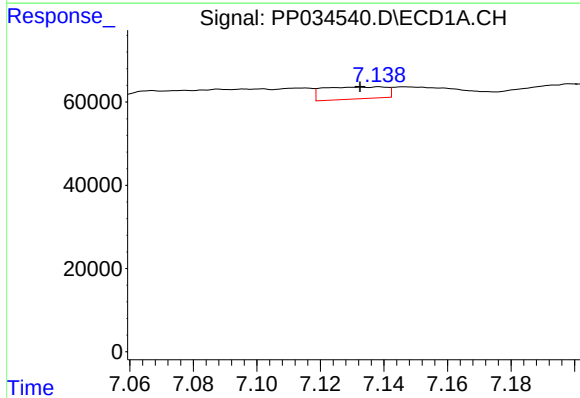
R.T.: 7.102 min  
Delta R.T.: 0.008 min  
Response: 123070  
Conc: 48.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



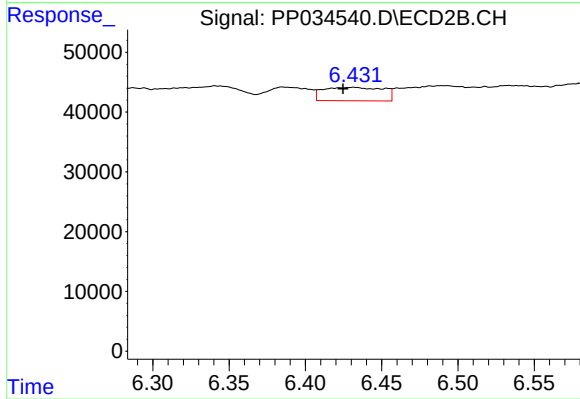
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.004 min  
Response: 0  
Conc: N.D.



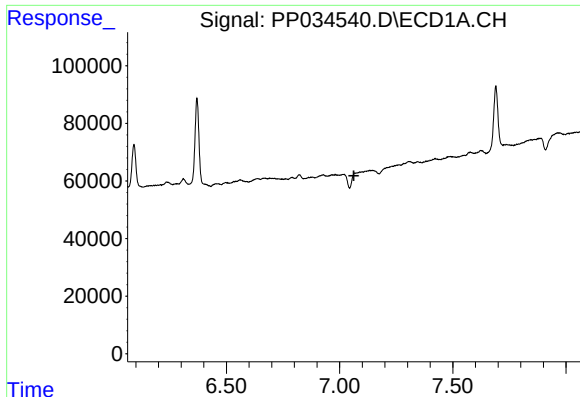
#25 AR-1248-5

R.T.: 7.138 min  
Delta R.T.: 0.006 min  
Response: 39784  
Conc: 15.61 ng/ml



#25 AR-1248-5

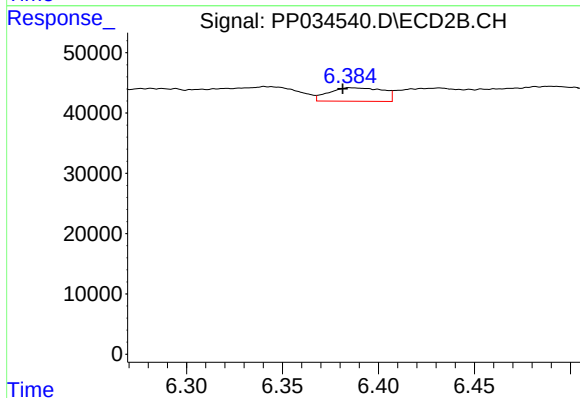
R.T.: 6.432 min  
Delta R.T.: 0.007 min  
Response: 61685  
Conc: 54.58 ng/ml



#26 AR-1254-1

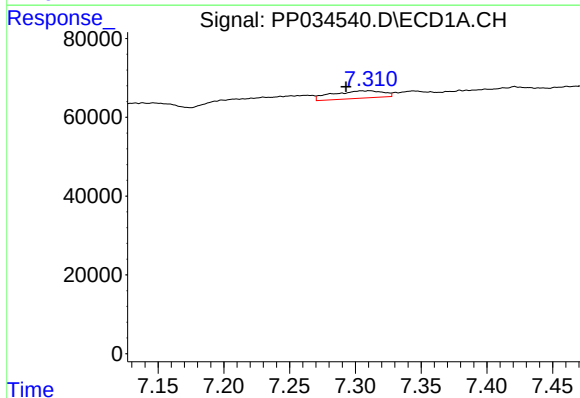
R.T.: 0.000 min  
Exp R.T.: 7.063 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



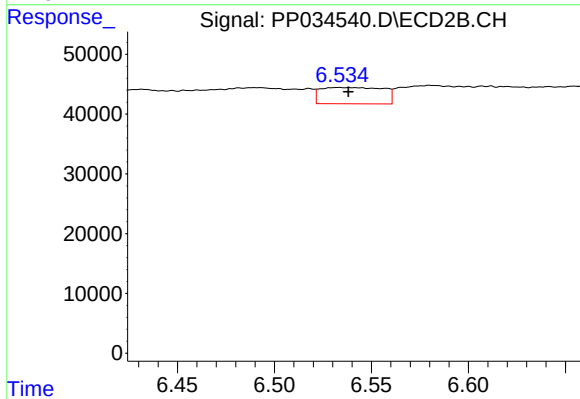
#26 AR-1254-1

R.T.: 6.385 min  
Delta R.T.: 0.004 min  
Response: 43816  
Conc: 23.75 ng/ml



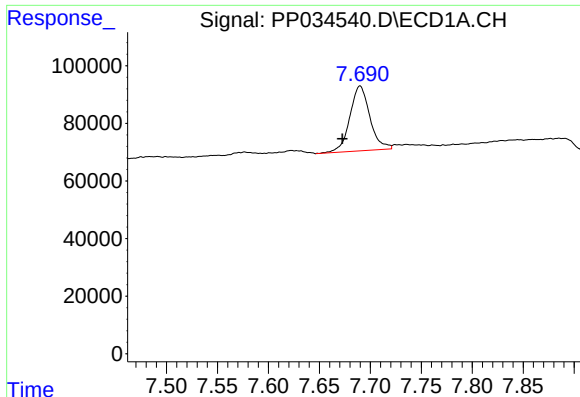
#27 AR-1254-2

R.T.: 7.311 min  
Delta R.T.: 0.018 min  
Response: 51072  
Conc: 12.01 ng/ml



#27 AR-1254-2

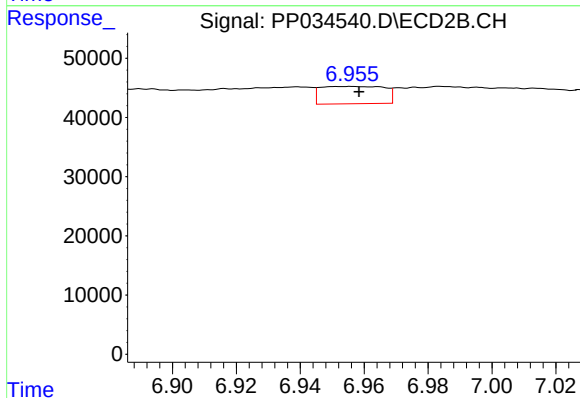
R.T.: 6.534 min  
Delta R.T.: -0.005 min  
Response: 61744  
Conc: 38.59 ng/ml



#28 AR-1254-3

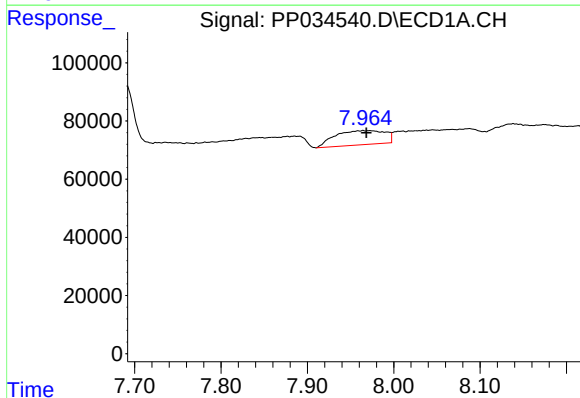
R.T.: 7.690 min  
Delta R.T.: 0.017 min  
Response: 307622  
Conc: 67.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



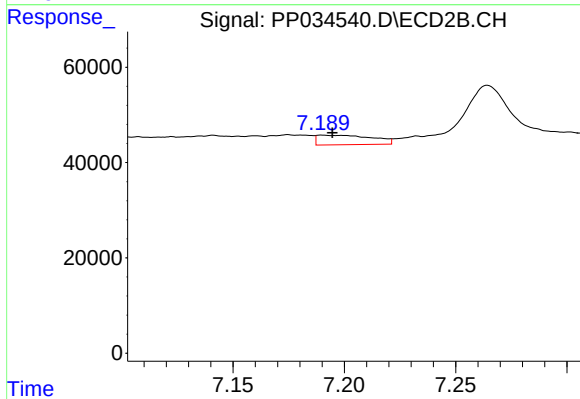
#28 AR-1254-3

R.T.: 6.956 min  
Delta R.T.: -0.003 min  
Response: 40675  
Conc: 16.30 ng/ml



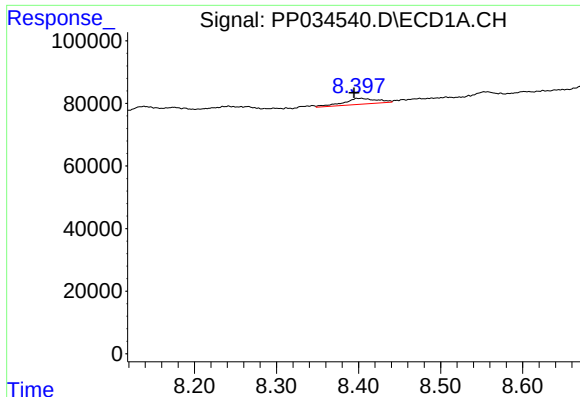
#29 AR-1254-4

R.T.: 7.964 min  
Delta R.T.: -0.004 min  
Response: 196343  
Conc: 63.50 ng/ml



#29 AR-1254-4

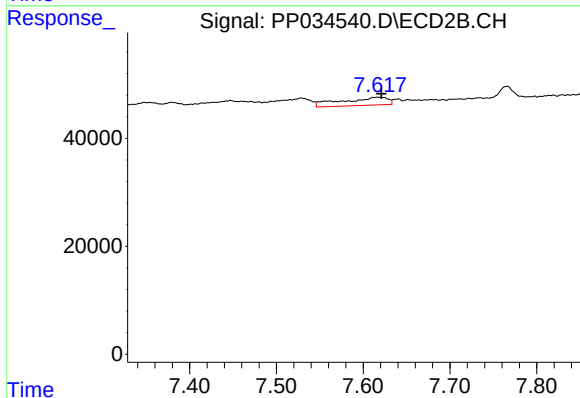
R.T.: 7.190 min  
Delta R.T.: -0.005 min  
Response: 34158  
Conc: 25.98 ng/ml



#30 AR-1254-5

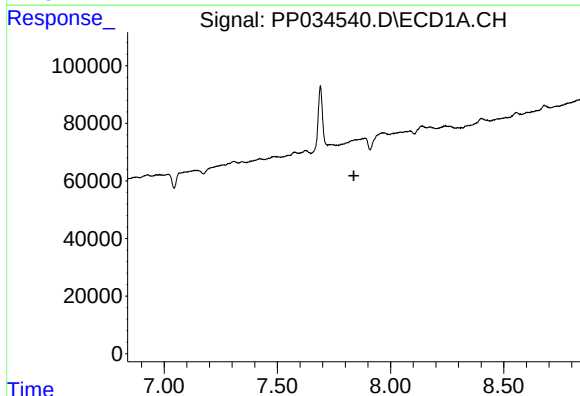
R.T.: 8.403 min  
Delta R.T.: 0.008 min  
Response: 52785  
Conc: 14.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



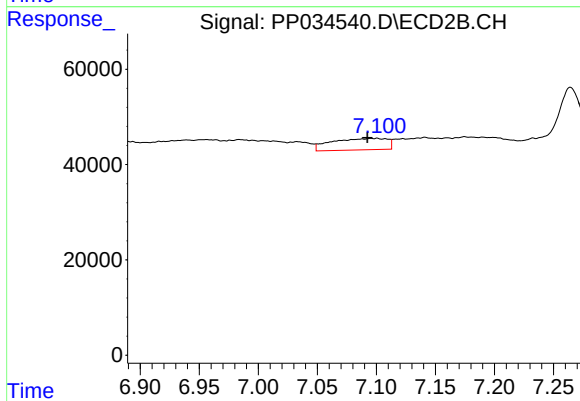
#30 AR-1254-5

R.T.: 7.617 min  
Delta R.T.: -0.004 min  
Response: 54126  
Conc: 26.63 ng/ml



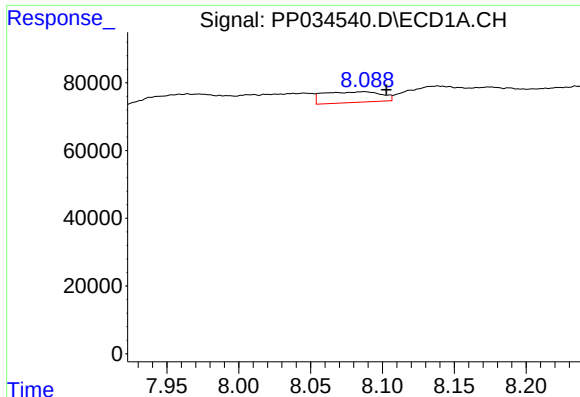
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.838 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

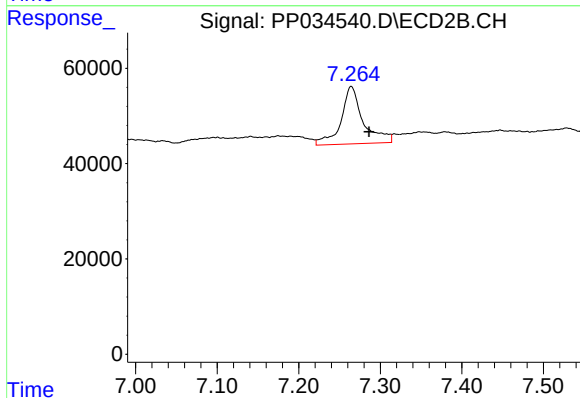
R.T.: 7.100 min  
Delta R.T.: 0.008 min  
Response: 78737  
Conc: 51.27 ng/ml



#32 AR-1260-2

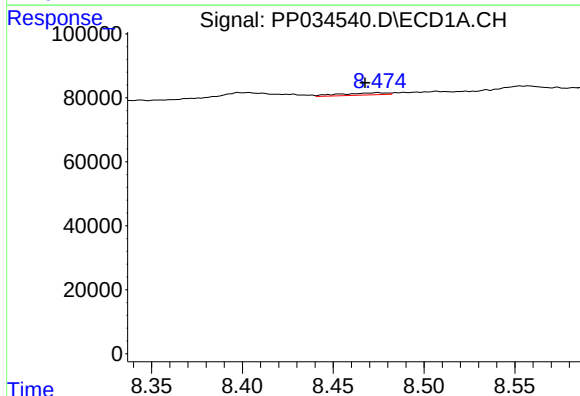
R.T.: 8.087 min  
Delta R.T.: -0.015 min  
Response: 88418  
Conc: 23.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



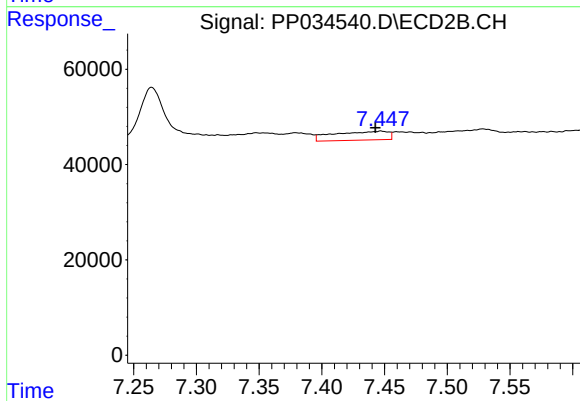
#32 AR-1260-2

R.T.: 7.264 min  
Delta R.T.: -0.022 min  
Response: 227145  
Conc: 125.74 ng/ml



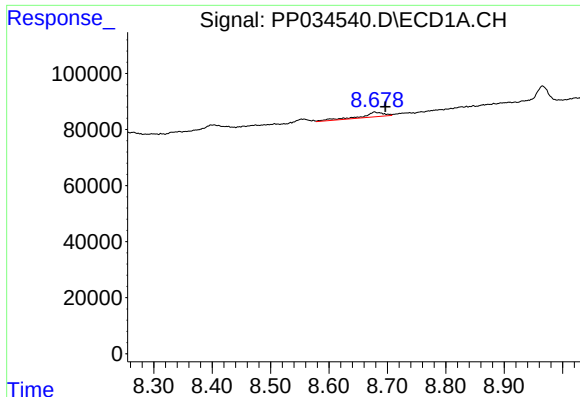
#33 AR-1260-3

R.T.: 8.474 min  
Delta R.T.: 0.007 min  
Response: 12057  
Conc: 3.99 ng/ml



#33 AR-1260-3

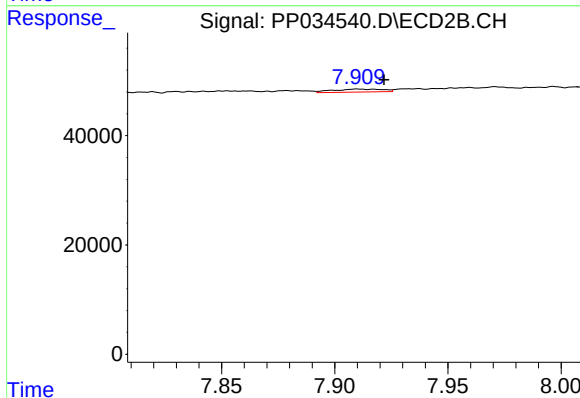
R.T.: 7.447 min  
Delta R.T.: 0.005 min  
Response: 55713  
Conc: 32.11 ng/ml



#34 AR-1260-4

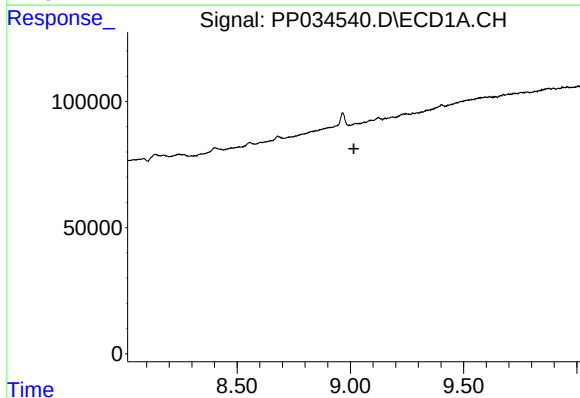
R.T.: 8.678 min  
Delta R.T.: -0.019 min  
Response: 45004  
Conc: 12.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



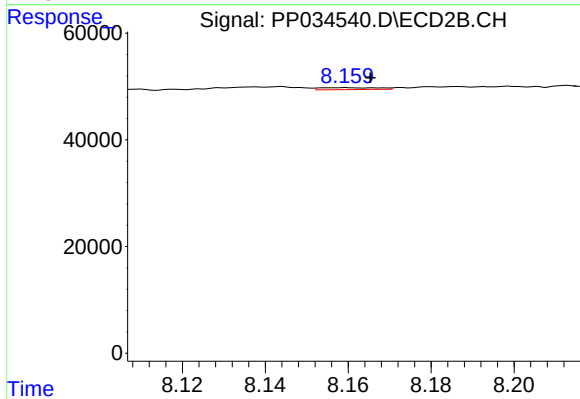
#34 AR-1260-4

R.T.: 7.910 min  
Delta R.T.: -0.012 min  
Response: 8615  
Conc: 6.01 ng/ml



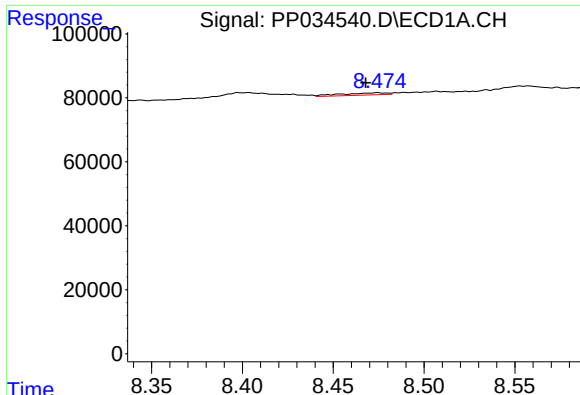
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 9.015 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

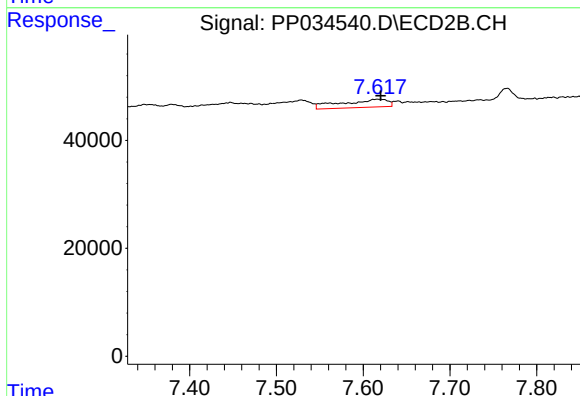
R.T.: 8.159 min  
Delta R.T.: -0.006 min  
Response: 3445  
Conc: 1.01 ng/ml



#36 AR-1262-1

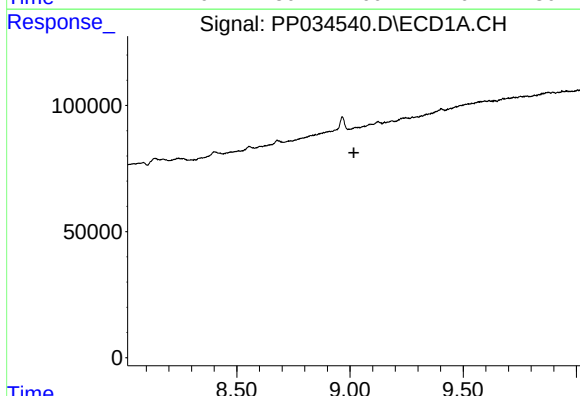
R.T.: 8.474 min  
Delta R.T.: 0.006 min  
Response: 12057  
Conc: 2.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



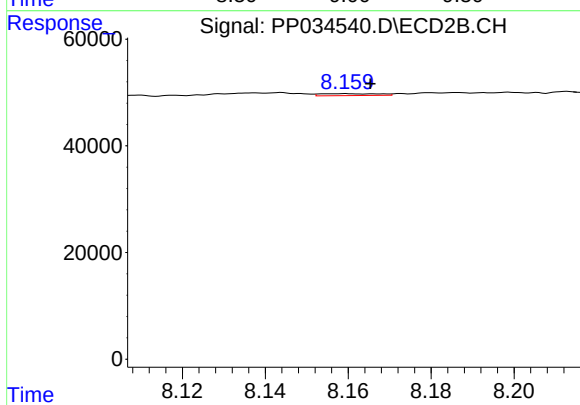
#36 AR-1262-1

R.T.: 7.617 min  
Delta R.T.: -0.003 min  
Response: 54126  
Conc: 50.40 ng/ml



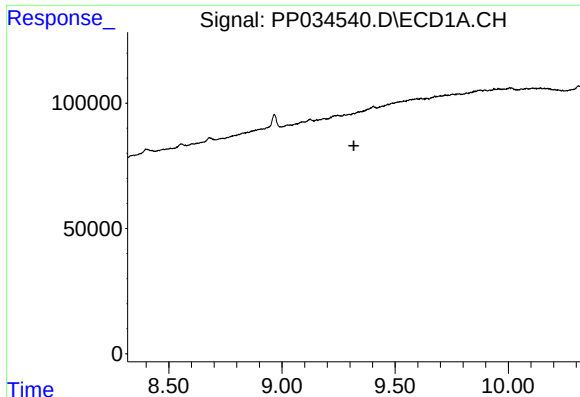
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 9.017 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

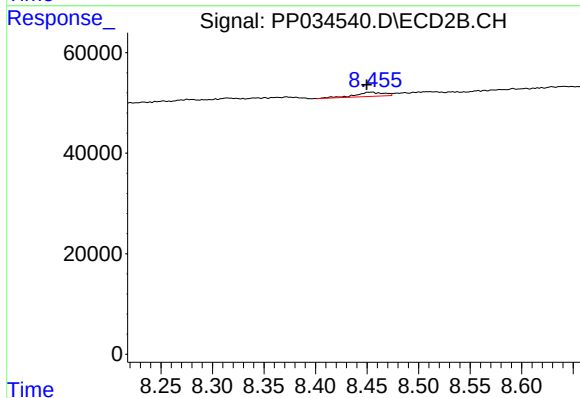
R.T.: 8.159 min  
Delta R.T.: -0.006 min  
Response: 3445  
Conc: 1.00 ng/ml



#38 AR-1262-3

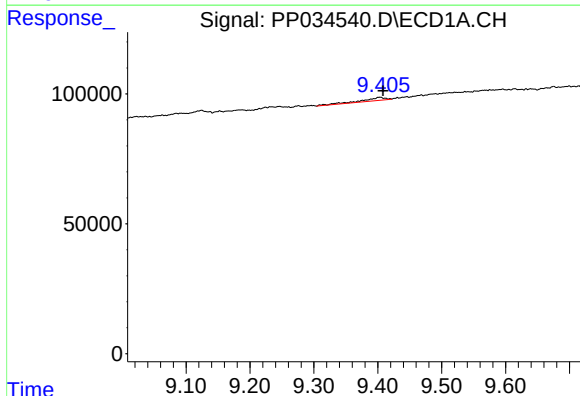
R.T.: 0.000 min  
Exp R.T.: 9.318 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



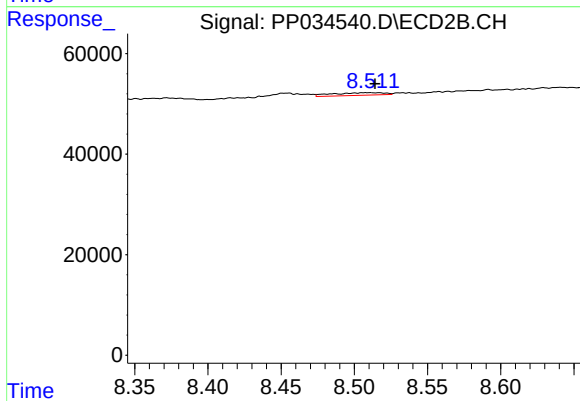
#38 AR-1262-3

R.T.: 8.454 min  
Delta R.T.: 0.005 min  
Response: 16207  
Conc: 10.82 ng/ml



#39 AR-1262-4

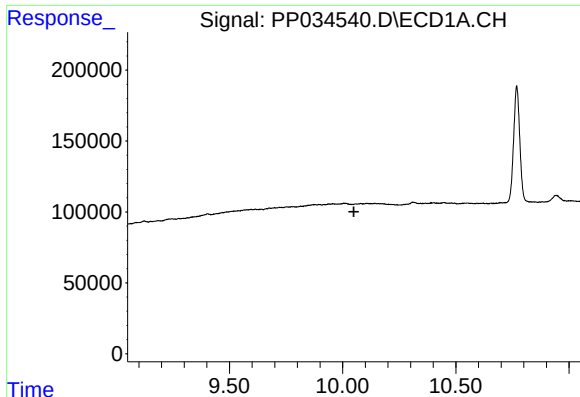
R.T.: 9.403 min  
Delta R.T.: -0.005 min  
Response: 29915  
Conc: 6.74 ng/ml



#39 AR-1262-4

R.T.: 8.510 min  
Delta R.T.: -0.004 min  
Response: 13172  
Conc: 4.78 ng/ml

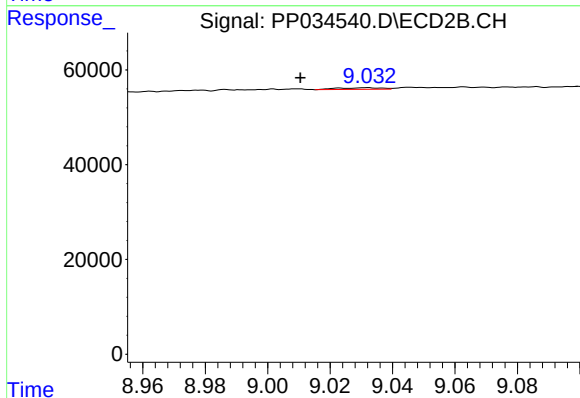




#40 AR-1262-5

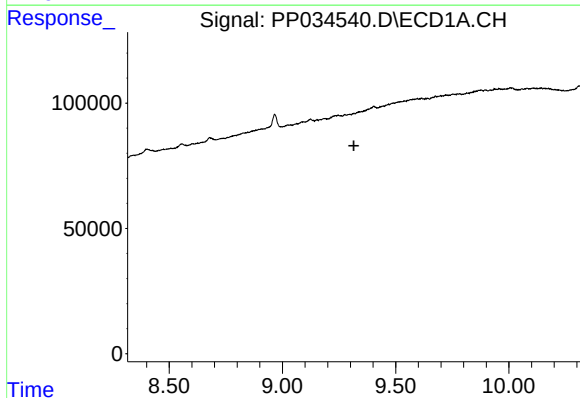
R.T.: 0.000 min  
Exp R.T.: 10.050 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



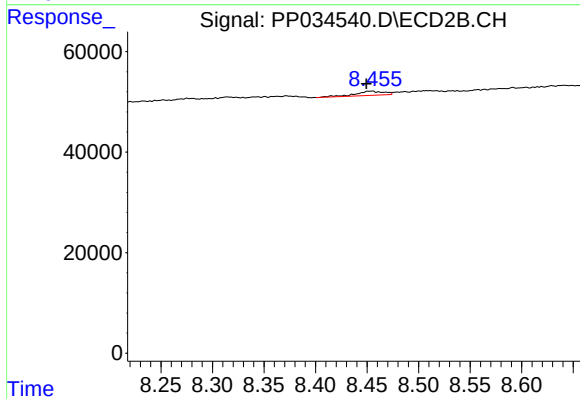
#40 AR-1262-5

R.T.: 9.032 min  
Delta R.T.: 0.021 min  
Response: 3385  
Conc: 2.98 ng/ml



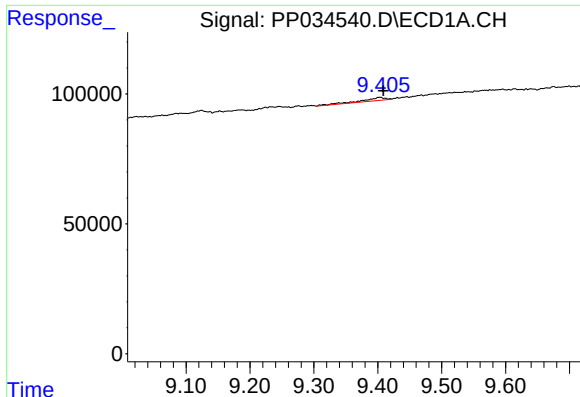
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 9.315 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

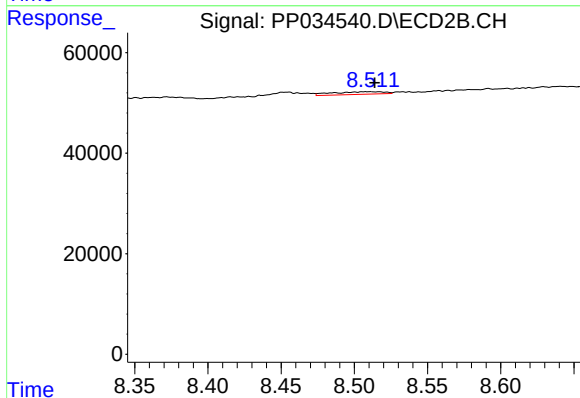
R.T.: 8.454 min  
Delta R.T.: 0.005 min  
Response: 16207  
Conc: 3.75 ng/ml



#42 AR-1268-2

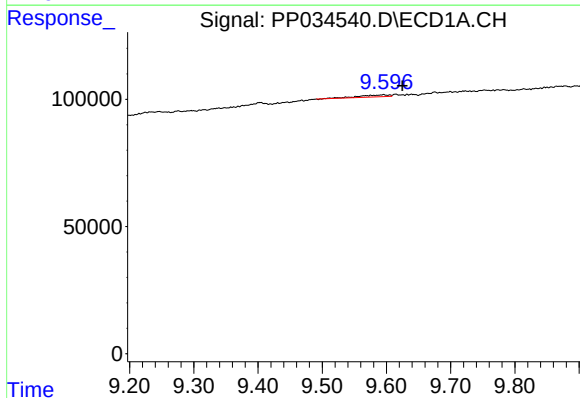
R.T.: 9.403 min  
Delta R.T.: -0.005 min  
Response: 29915  
Conc: 3.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



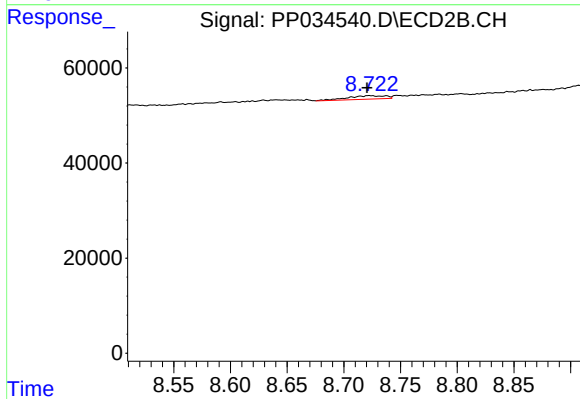
#42 AR-1268-2

R.T.: 8.510 min  
Delta R.T.: -0.003 min  
Response: 13172  
Conc: 3.18 ng/ml



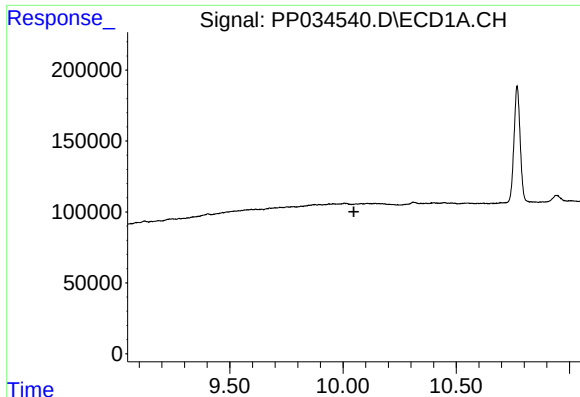
#43 AR-1268-3

R.T.: 9.596 min  
Delta R.T.: -0.029 min  
Response: 24520  
Conc: 2.79 ng/ml



#43 AR-1268-3

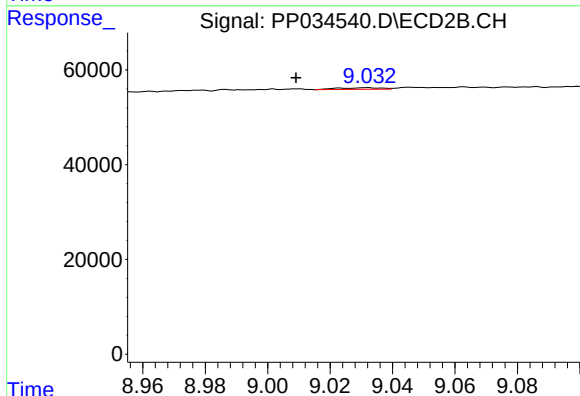
R.T.: 8.723 min  
Delta R.T.: 0.002 min  
Response: 16993  
Conc: 4.67 ng/ml



#44 AR-1268-4

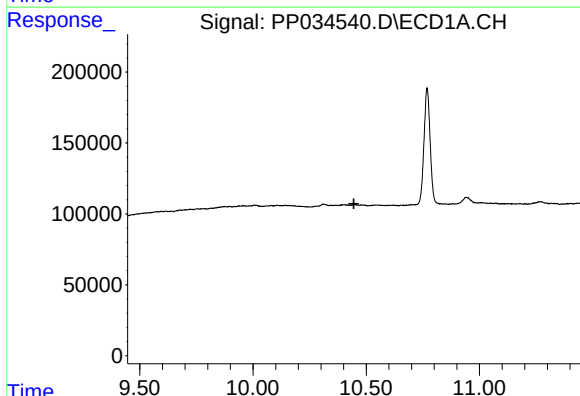
R.T.: 0.000 min  
Exp R.T.: 10.048 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FS-SB14(15-16)



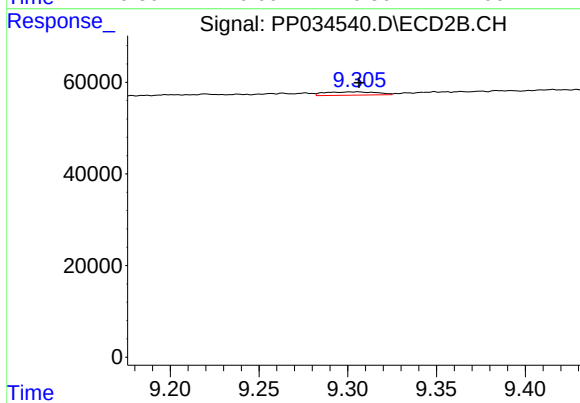
#44 AR-1268-4

R.T.: 9.032 min  
Delta R.T.: 0.023 min  
Response: 3385  
Conc: 2.63 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.445 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.306 min  
Delta R.T.: 0.000 min  
Response: 14811  
Conc: 1.43 ng/ml