

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031021\  
 Data File : PP033857.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Mar 2021 3:48  
 Operator : DD\AJ  
 Sample : M1458-03  
 Misc : AR1232 MDL 25 PPB  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 05:25:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP030921.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 10 03:01:34 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... | 4.856  | 4.268  | 1253502 | 602322 | 14.487 | 14.826   |
| 2)                          | SA Decachlor... | 10.783 | 9.593  | 1262070 | 418205 | 14.944 | 15.672   |
| Target Compounds            |                 |        |        |         |        |        |          |
| 3)                          | L1 AR-1016-1    | 6.168  | 5.525  | 30096   | 12657  | 11.297 | 11.121   |
| 4)                          | L1 AR-1016-2    | 6.192  | 5.545  | 41954   | 16831  | 10.380 | 10.182   |
| 5)                          | L1 AR-1016-3    | 6.258  | 0.000  | 30102   | 0      | 12.165 | N.D. #   |
| 6)                          | L1 AR-1016-4    | 6.365  | 0.000  | 23644   | 0      | 11.599 | N.D. #   |
| 7)                          | L1 AR-1016-5    | 6.677  | 0.000  | 19172   | 0      | 9.458  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.204  | 4.624  | 25463   | 12017  | 36.237 | 37.138   |
| 10)                         | L2 AR-1221-3    | 5.289  | 4.714  | 47517   | 20411  | 22.575 | 20.823   |
| 11)                         | L3 AR-1232-1    | 5.289  | 4.714  | 47517   | 20411  | 27.465 | 25.124   |
| 12)                         | L3 AR-1232-2    | 5.875  | 5.545  | 22837   | 16831  | 24.936 | 23.226   |
| 13)                         | L3 AR-1232-3    | 6.192  | 0.000  | 41954   | 0      | 24.821 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 6.365  | 0.000  | 23644   | 0      | 27.678 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 6.462  | 0.000  | 19065   | 0      | 32.137 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 6.168  | 5.525  | 30096   | 12657  | 14.832 | 14.334   |
| 17)                         | L4 AR-1242-2    | 6.192  | 5.545  | 41954   | 16831  | 13.817 | 13.420   |
| 18)                         | L4 AR-1242-3    | 6.258  | 0.000  | 30102   | 0      | 15.755 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 6.365  | 0.000  | 23644   | 0      | 15.202 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 7.143  | 0.000  | 29222   | 0      | 18.204 | N.D. #   |
| 21)                         | L5 AR-1248-1    | 6.168  | 5.525  | 30096   | 12657  | 19.293 | 18.594   |
| 22)                         | L5 AR-1248-2    | 6.462  | 0.000  | 19065   | 0      | 8.956  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 6.677  | 0.000  | 19172   | 0      | 7.438  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 7.105  | 0.000  | 43627   | 0      | 15.769 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 7.143  | 0.000  | 29222   | 0      | 10.715 | N.D. #   |
| 26)                         | L6 AR-1254-1    | 7.075  | 0.000  | 36580   | 0      | 12.829 | N.D. #   |
| 27)                         | L6 AR-1254-2    | 7.305  | 0.000  | 19300   | 0      | 4.397  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.699  | 6.977  | 102770  | 39344  | 21.658 | 17.044   |
| 29)                         | L6 AR-1254-4    | 7.982  | 0.000  | 50130   | 0      | 14.855 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 0.000  | 7.281f | 0       | 12114  | N.D.   | 6.698 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.328  | 0       | 104862 | N.D.   | 11.469 # |
| -----                       |                 |        |        |         |        |        |          |

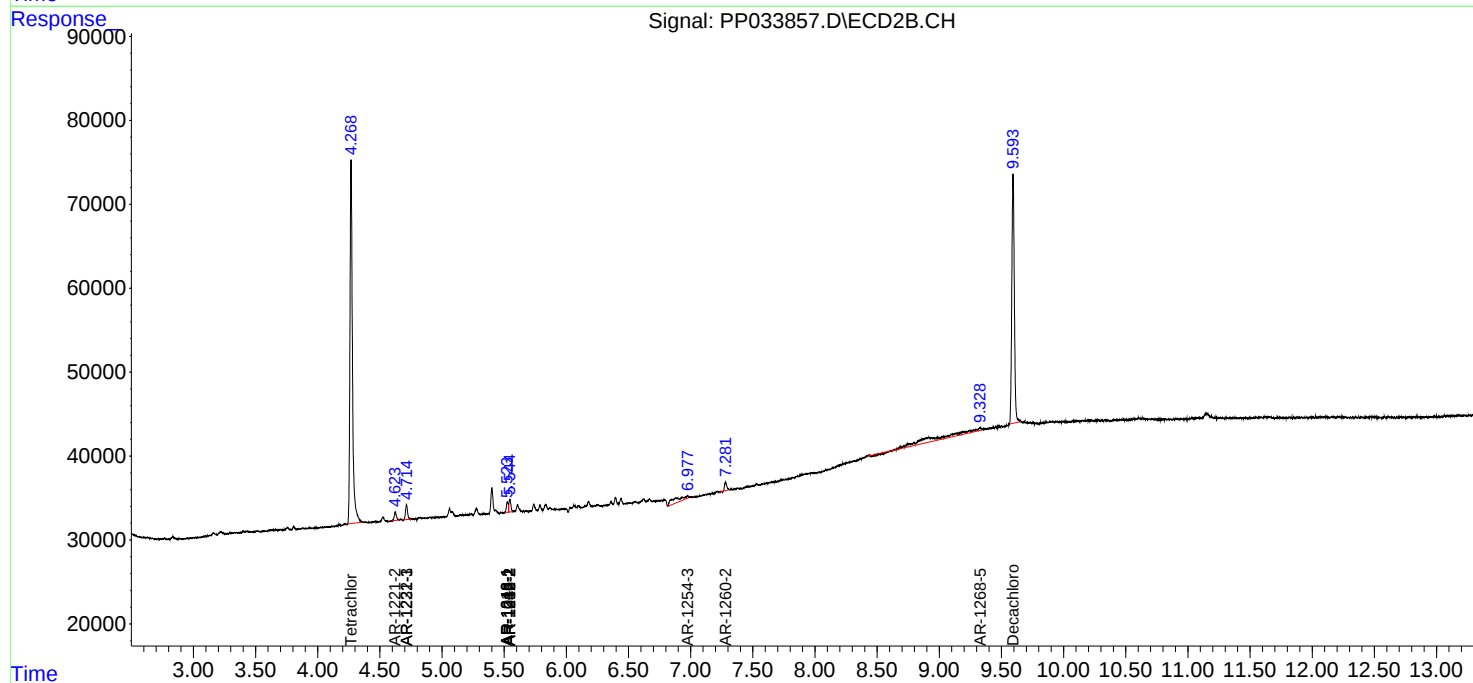
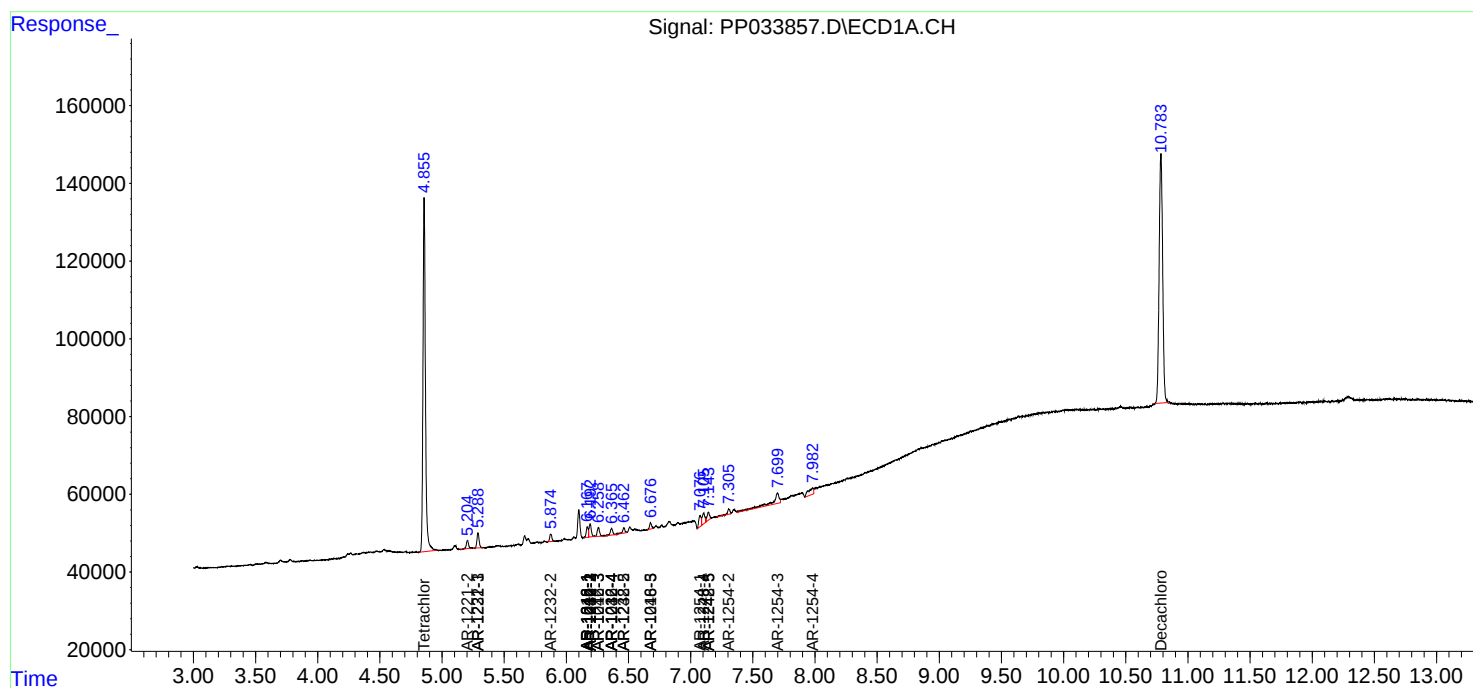
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

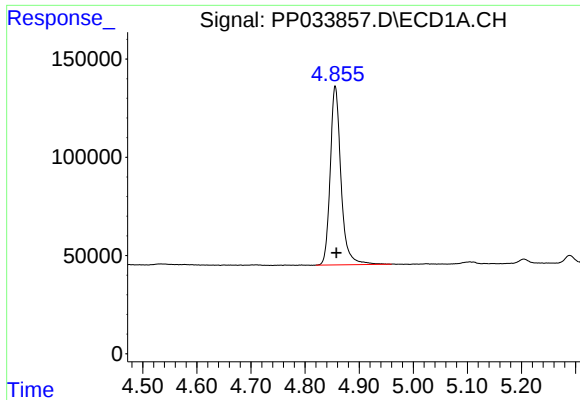
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031021\  
Data File : PP033857.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Mar 2021 3:48  
Operator : DD\AJ  
Sample : M1458-03  
Misc : AR1232 MDL 25 PPB  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 05:25:00 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP030921.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 10 03:01:34 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

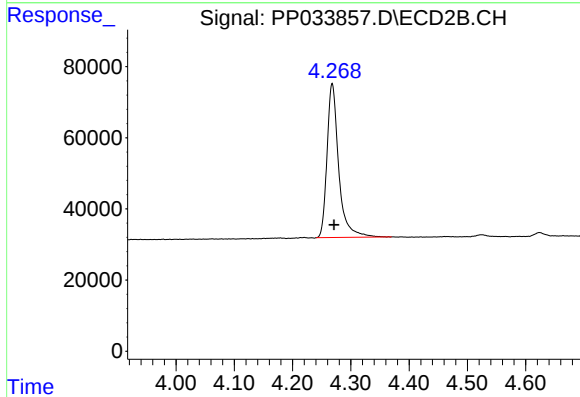




#1 Tetrachloro-m-xylene

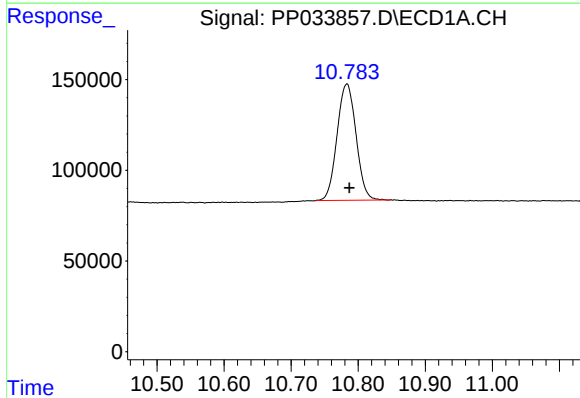
R.T.: 4.856 min  
Delta R.T.: -0.002 min  
Response: 1253502  
Conc: 14.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



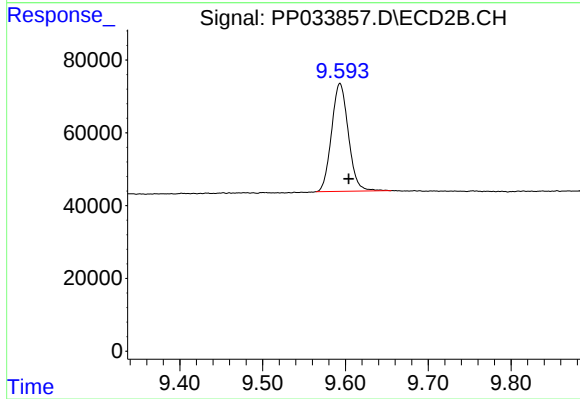
#1 Tetrachloro-m-xylene

R.T.: 4.268 min  
Delta R.T.: -0.003 min  
Response: 602322  
Conc: 14.83 ng/ml



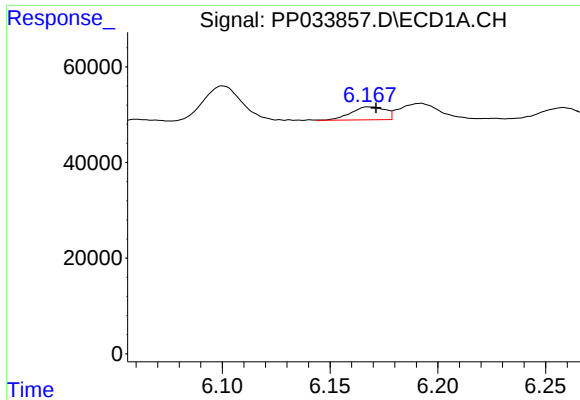
#2 Decachlorobiphenyl

R.T.: 10.783 min  
Delta R.T.: -0.004 min  
Response: 1262070  
Conc: 14.94 ng/ml



#2 Decachlorobiphenyl

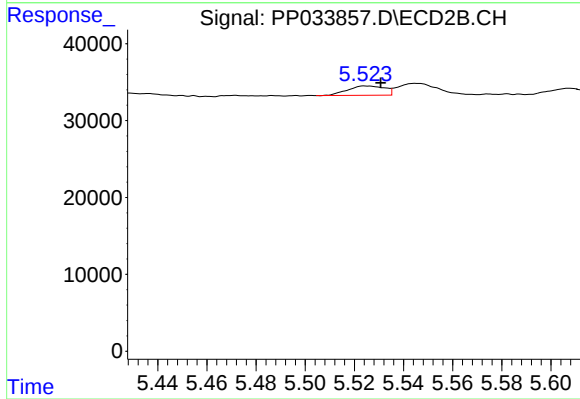
R.T.: 9.593 min  
Delta R.T.: -0.011 min  
Response: 418205  
Conc: 15.67 ng/ml



#3 AR-1016-1

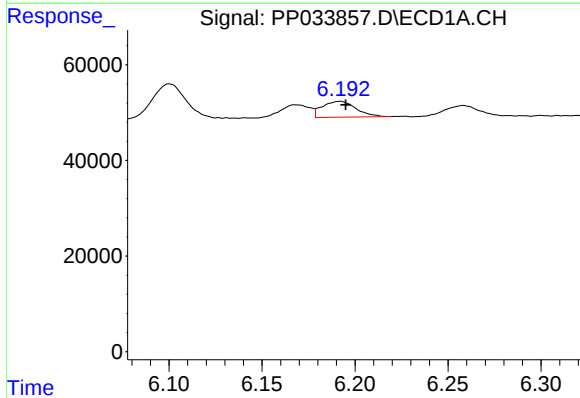
R.T.: 6.168 min  
Delta R.T.: -0.003 min  
Response: 30096  
Conc: 11.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



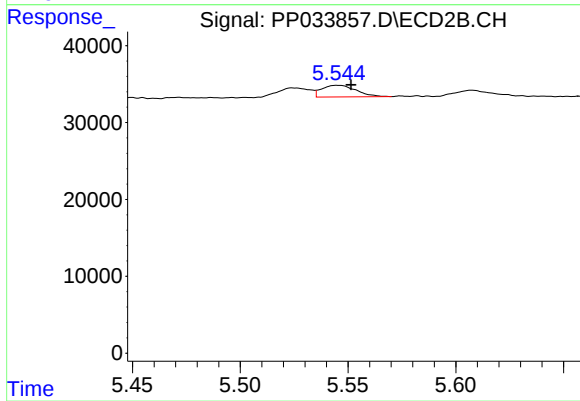
#3 AR-1016-1

R.T.: 5.525 min  
Delta R.T.: -0.006 min  
Response: 12657  
Conc: 11.12 ng/ml



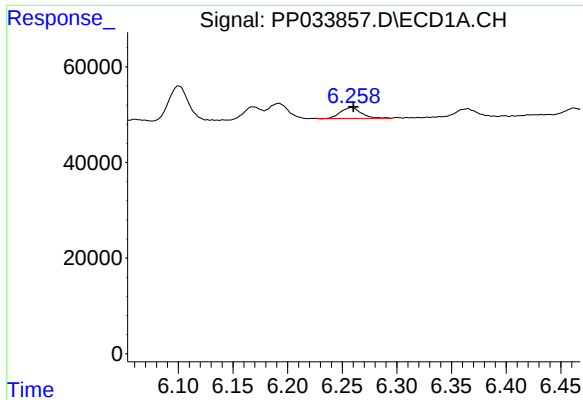
#4 AR-1016-2

R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: 41954  
Conc: 10.38 ng/ml



#4 AR-1016-2

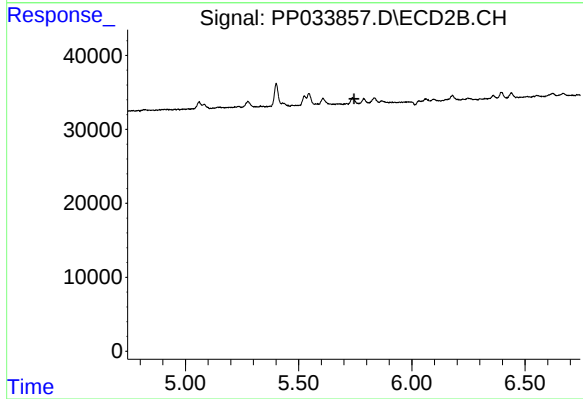
R.T.: 5.545 min  
Delta R.T.: -0.006 min  
Response: 16831  
Conc: 10.18 ng/ml



#5 AR-1016-3

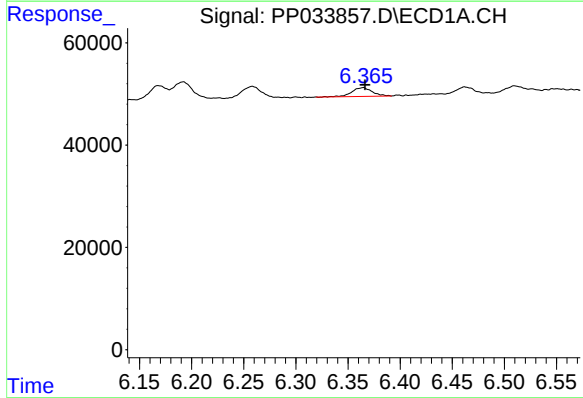
R.T.: 6.258 min  
Delta R.T.: -0.002 min  
Response: 30102  
Conc: 12.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



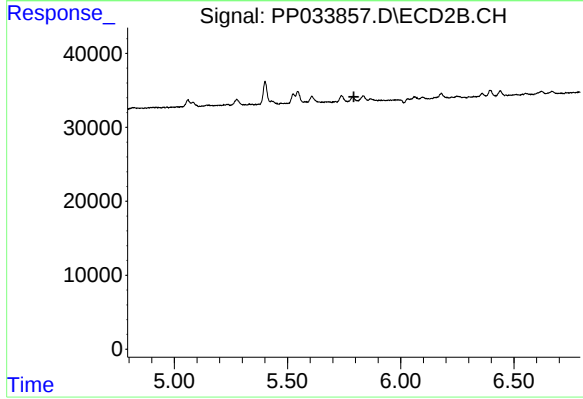
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.744 min  
Response: 0  
Conc: N.D.



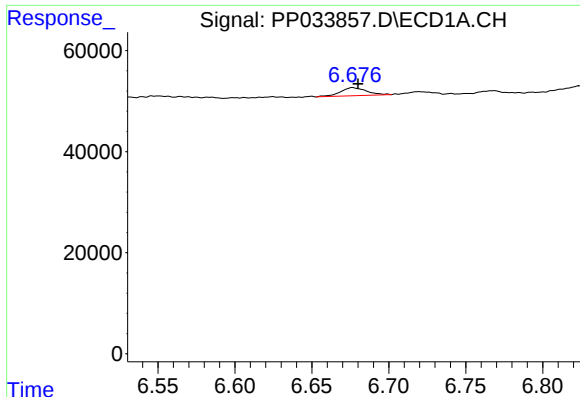
#6 AR-1016-4

R.T.: 6.365 min  
Delta R.T.: -0.002 min  
Response: 23644  
Conc: 11.60 ng/ml



#6 AR-1016-4

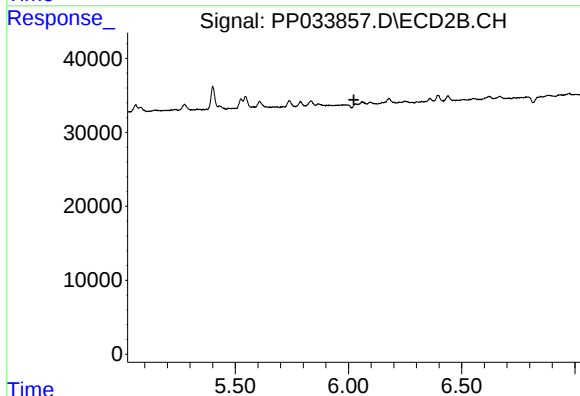
R.T.: 0.000 min  
Exp R.T. : 5.793 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

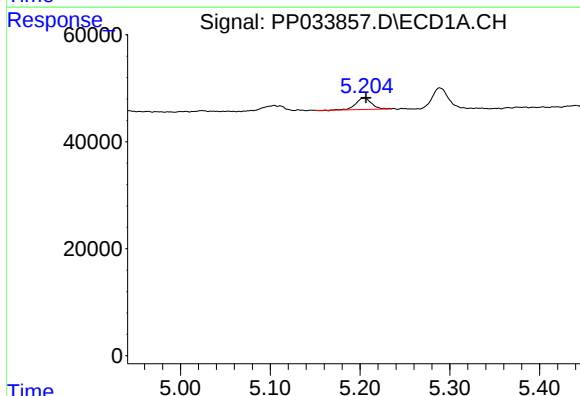
R.T.: 6.677 min  
Delta R.T.: -0.003 min  
Response: 19172  
Conc: 9.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



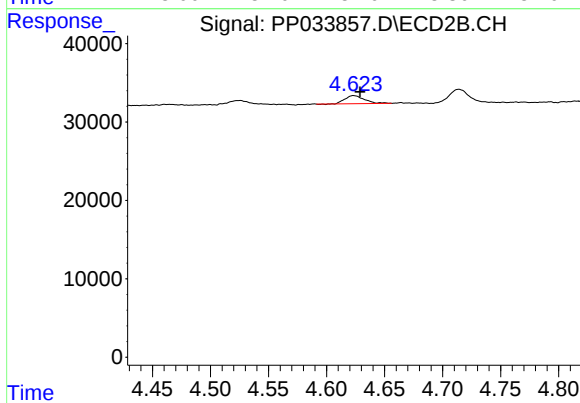
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.024 min  
Response: 0  
Conc: N.D.



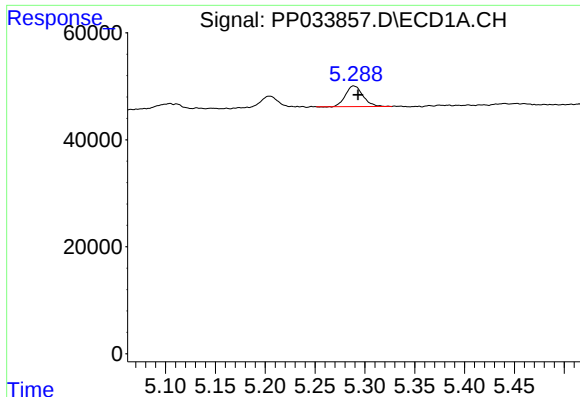
#9 AR-1221-2

R.T.: 5.204 min  
Delta R.T.: -0.002 min  
Response: 25463  
Conc: 36.24 ng/ml



#9 AR-1221-2

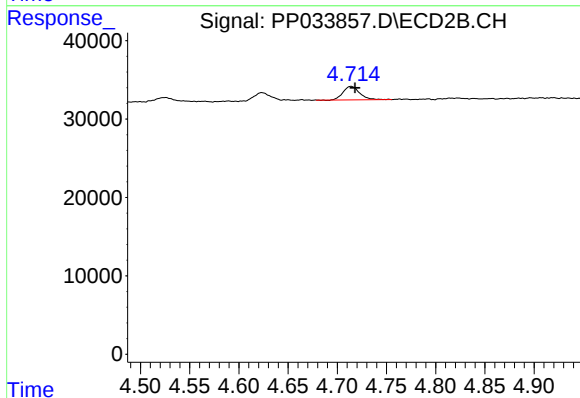
R.T.: 4.624 min  
Delta R.T.: -0.005 min  
Response: 12017  
Conc: 37.14 ng/ml



#10 AR-1221-3

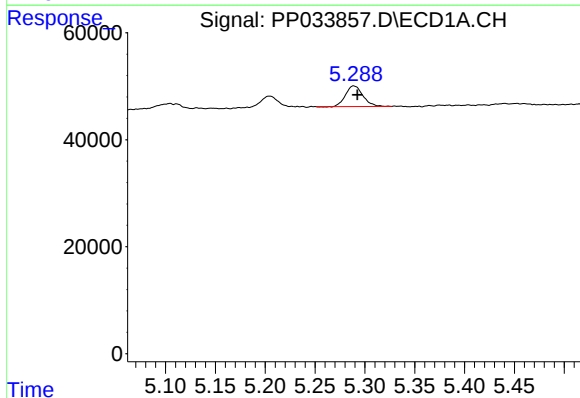
R.T.: 5.289 min  
Delta R.T.: -0.004 min  
Response: 47517  
Conc: 22.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



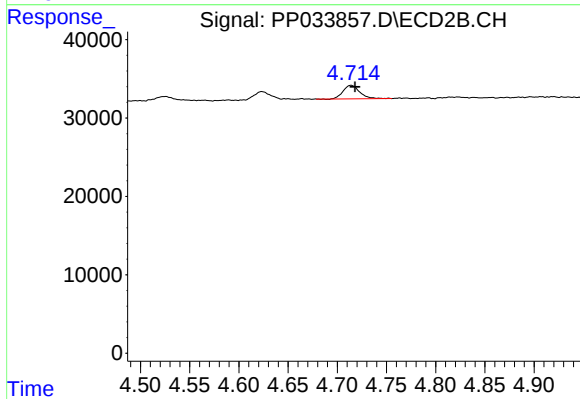
#10 AR-1221-3

R.T.: 4.714 min  
Delta R.T.: -0.004 min  
Response: 20411  
Conc: 20.82 ng/ml



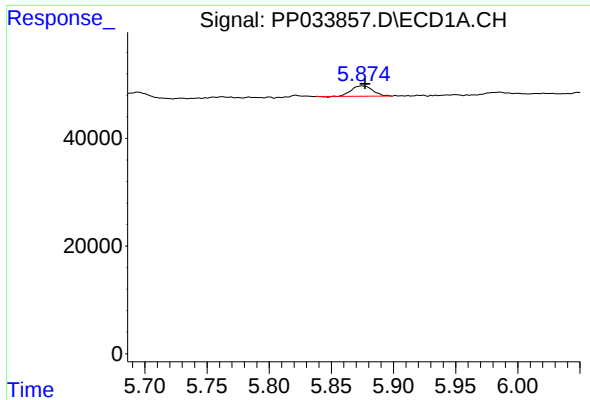
#11 AR-1232-1

R.T.: 5.289 min  
Delta R.T.: -0.004 min  
Response: 47517  
Conc: 27.46 ng/ml



#11 AR-1232-1

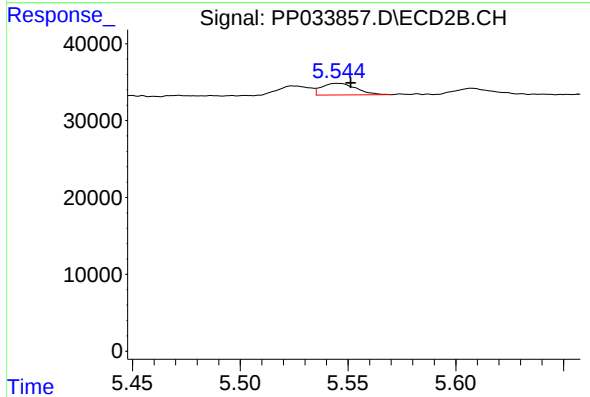
R.T.: 4.714 min  
Delta R.T.: -0.004 min  
Response: 20411  
Conc: 25.12 ng/ml



#12 AR-1232-2

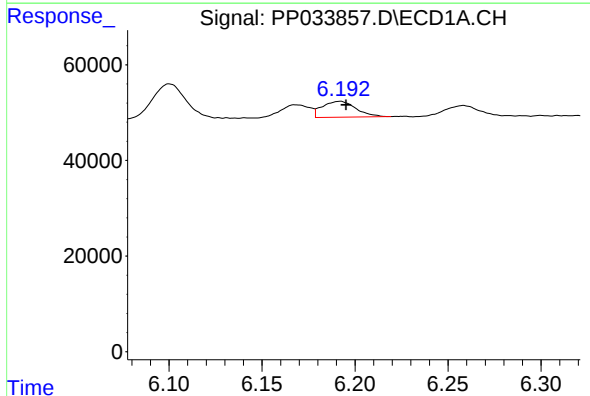
R.T.: 5.875 min  
Delta R.T.: -0.002 min  
Response: 22837  
Conc: 24.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



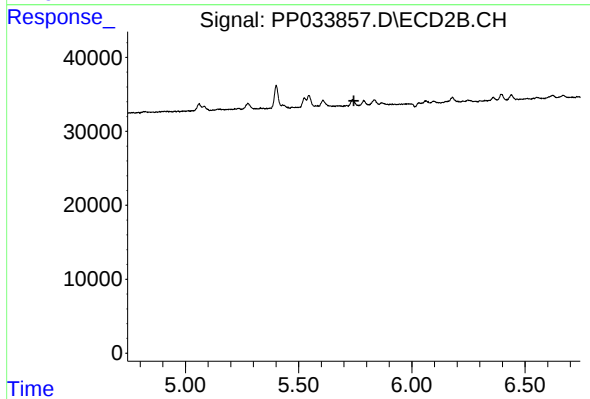
#12 AR-1232-2

R.T.: 5.545 min  
Delta R.T.: -0.006 min  
Response: 16831  
Conc: 23.23 ng/ml



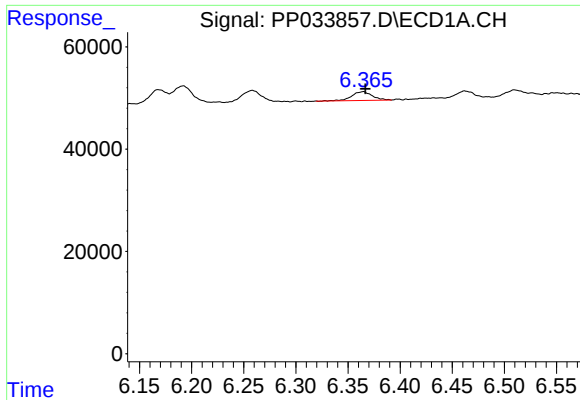
#13 AR-1232-3

R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: 41954  
Conc: 24.82 ng/ml



#13 AR-1232-3

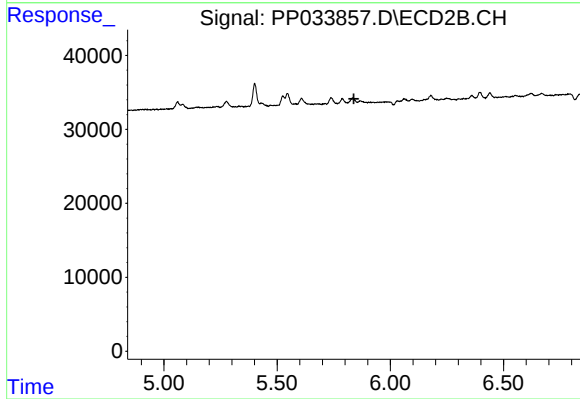
R.T.: 0.000 min  
Exp R.T.: 5.744 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

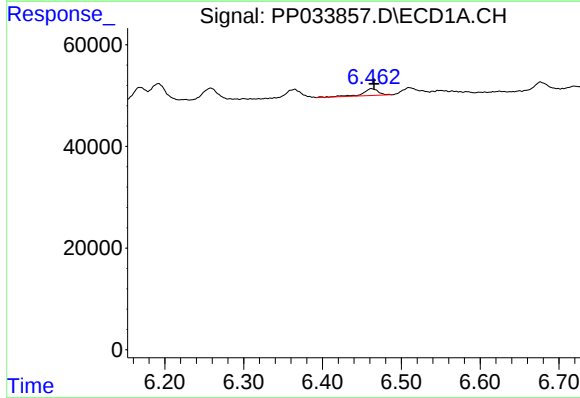
R.T.: 6.365 min  
Delta R.T.: -0.002 min  
Response: 23644  
Conc: 27.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



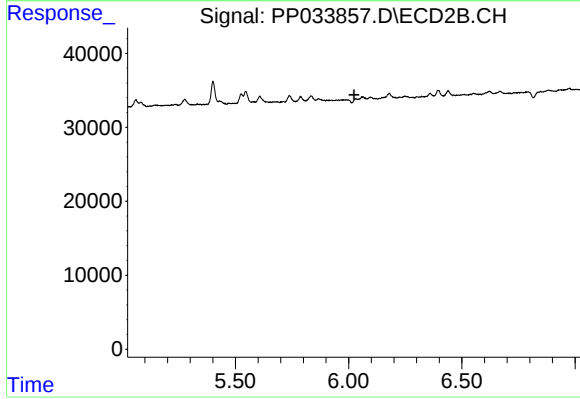
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.839 min  
Response: 0  
Conc: N.D.



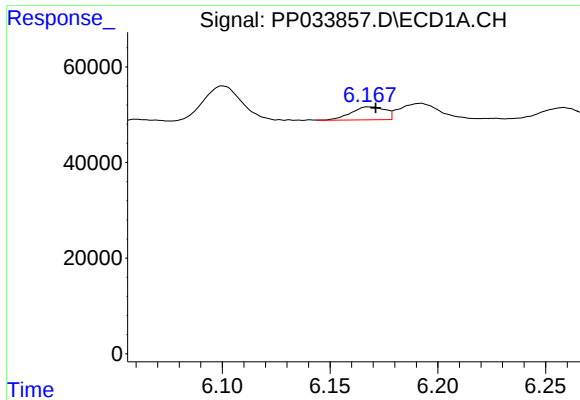
#15 AR-1232-5

R.T.: 6.462 min  
Delta R.T.: -0.003 min  
Response: 19065  
Conc: 32.14 ng/ml



#15 AR-1232-5

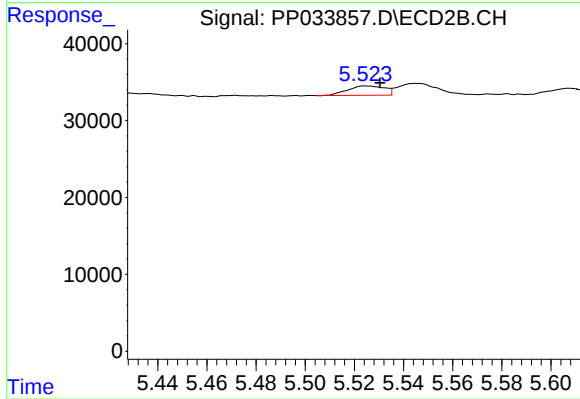
R.T.: 0.000 min  
Exp R.T. : 6.023 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

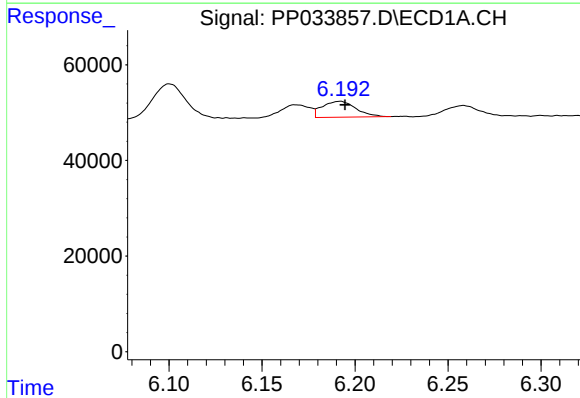
R.T.: 6.168 min  
Delta R.T.: -0.003 min  
Response: 30096  
Conc: 14.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



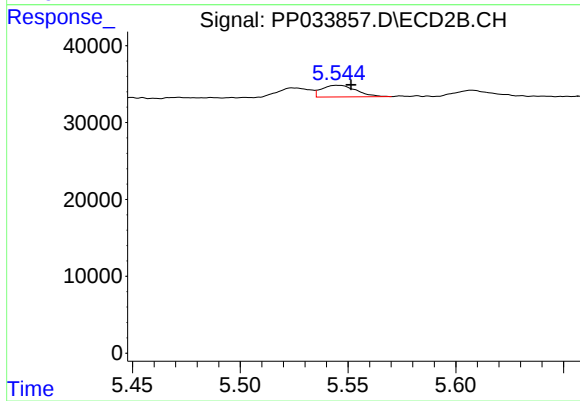
#16 AR-1242-1

R.T.: 5.525 min  
Delta R.T.: -0.006 min  
Response: 12657  
Conc: 14.33 ng/ml



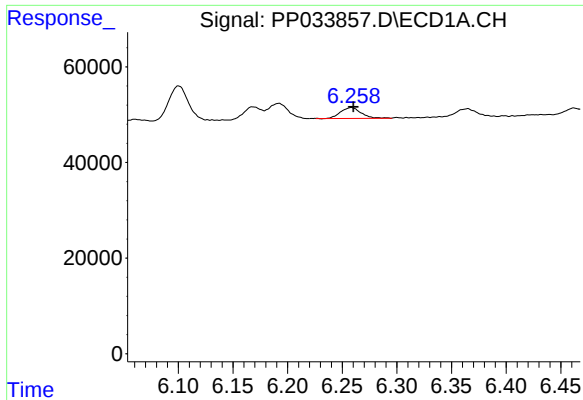
#17 AR-1242-2

R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: 41954  
Conc: 13.82 ng/ml



#17 AR-1242-2

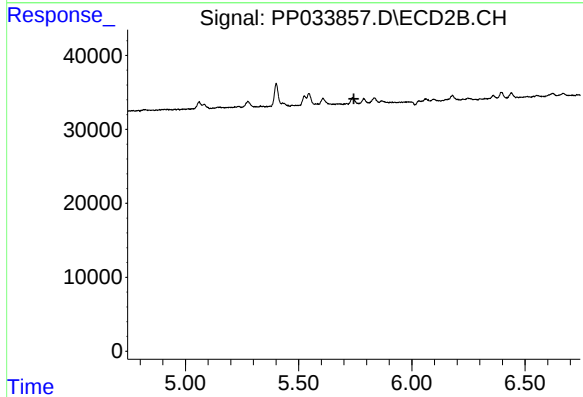
R.T.: 5.545 min  
Delta R.T.: -0.006 min  
Response: 16831  
Conc: 13.42 ng/ml



#18 AR-1242-3

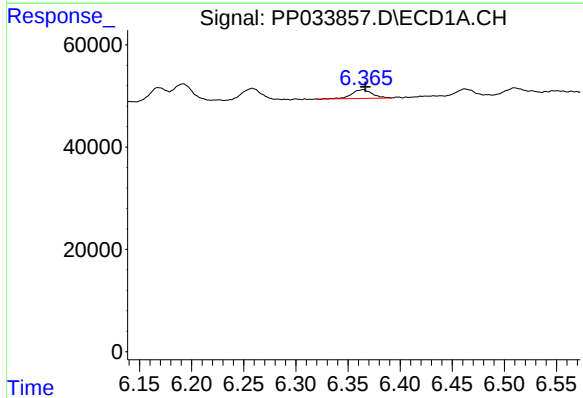
R.T.: 6.258 min  
Delta R.T.: -0.002 min  
Response: 30102  
Conc: 15.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



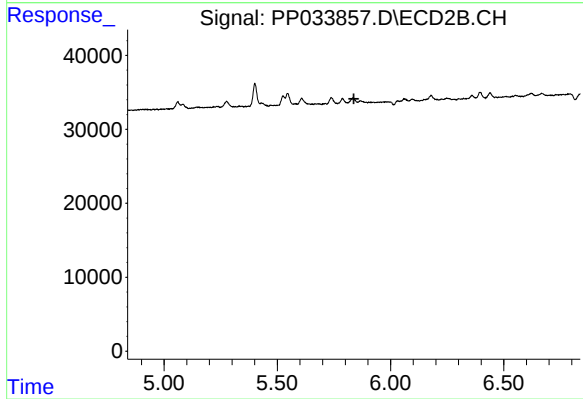
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.744 min  
Response: 0  
Conc: N.D.



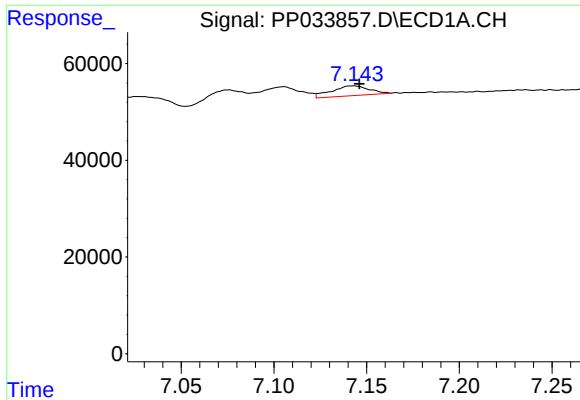
#19 AR-1242-4

R.T.: 6.365 min  
Delta R.T.: -0.002 min  
Response: 23644  
Conc: 15.20 ng/ml



#19 AR-1242-4

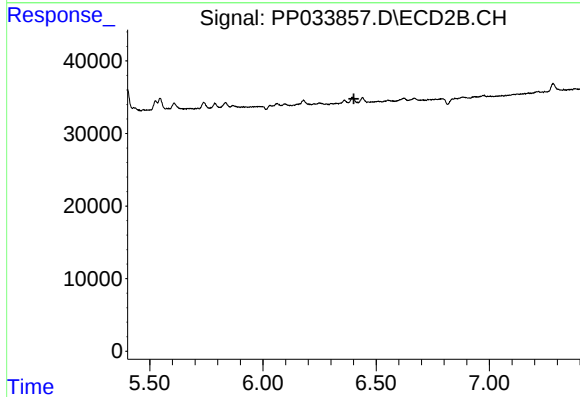
R.T.: 0.000 min  
Exp R.T. : 5.838 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

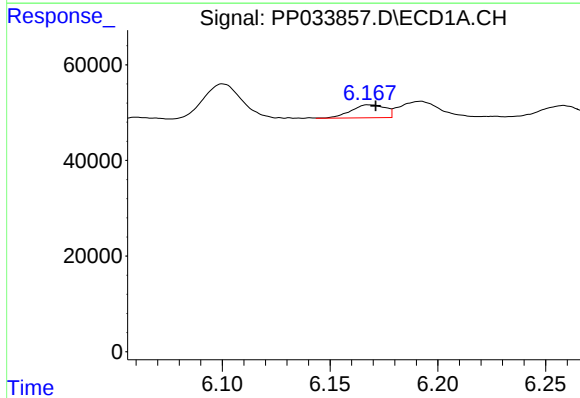
R.T.: 7.143 min  
Delta R.T.: -0.004 min  
Response: 29222  
Conc: 18.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



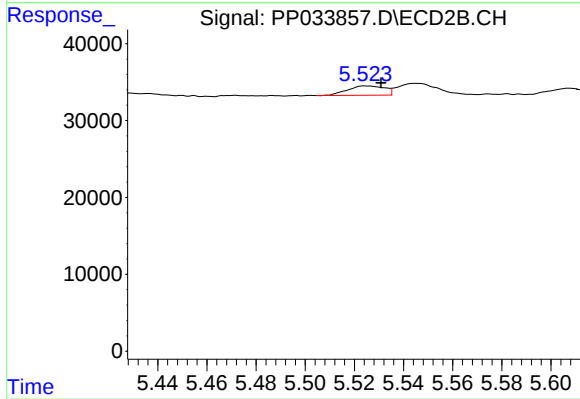
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.401 min  
Response: 0  
Conc: N.D.



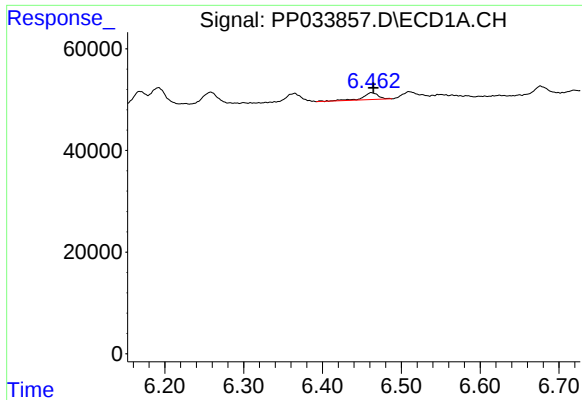
#21 AR-1248-1

R.T.: 6.168 min  
Delta R.T.: -0.003 min  
Response: 30096  
Conc: 19.29 ng/ml



#21 AR-1248-1

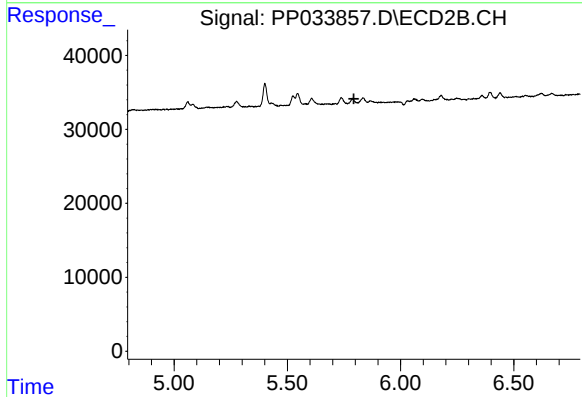
R.T.: 5.525 min  
Delta R.T.: -0.006 min  
Response: 12657  
Conc: 18.59 ng/ml



#22 AR-1248-2

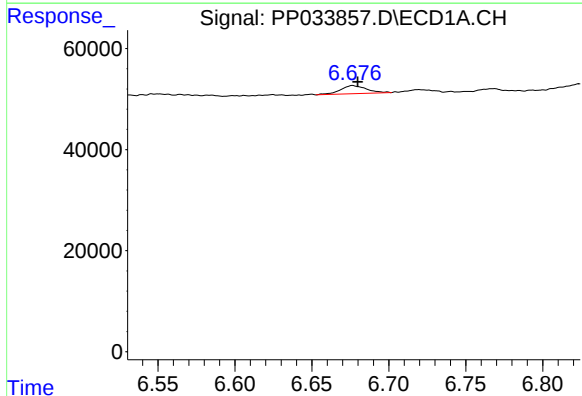
R.T.: 6.462 min  
Delta R.T.: -0.003 min  
Response: 19065  
Conc: 8.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



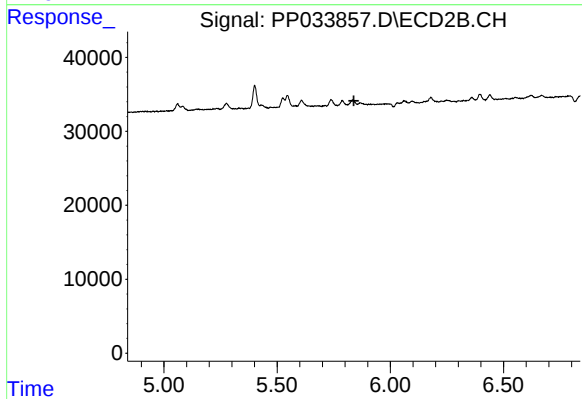
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.794 min  
Response: 0  
Conc: N.D.



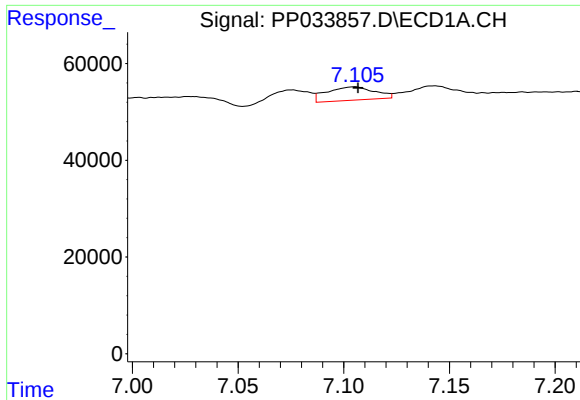
#23 AR-1248-3

R.T.: 6.677 min  
Delta R.T.: -0.003 min  
Response: 19172  
Conc: 7.44 ng/ml



#23 AR-1248-3

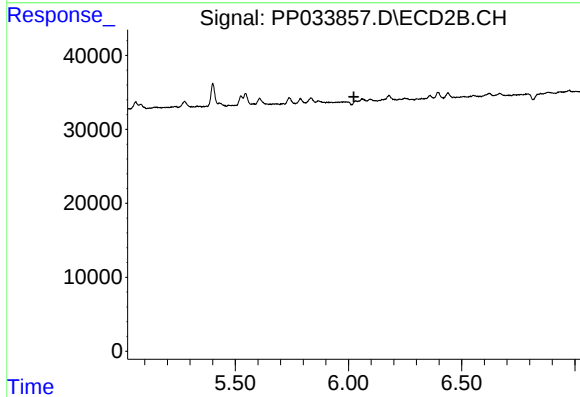
R.T.: 0.000 min  
Exp R.T. : 5.839 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

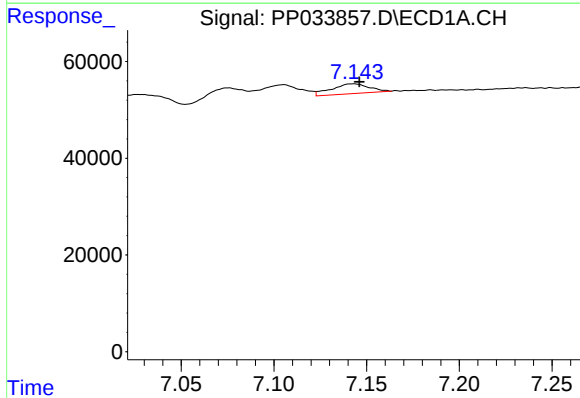
R.T.: 7.105 min  
Delta R.T.: -0.002 min  
Response: 43627  
Conc: 15.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



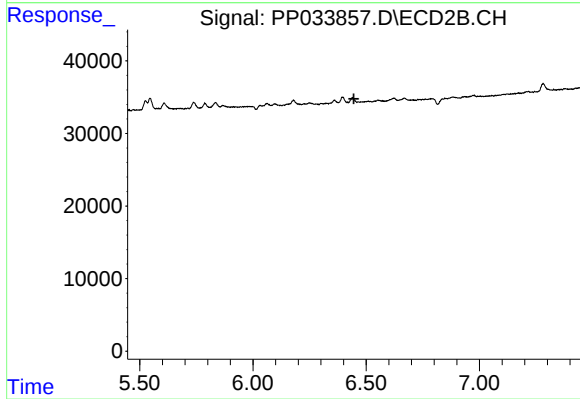
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.024 min  
Response: 0  
Conc: N.D.



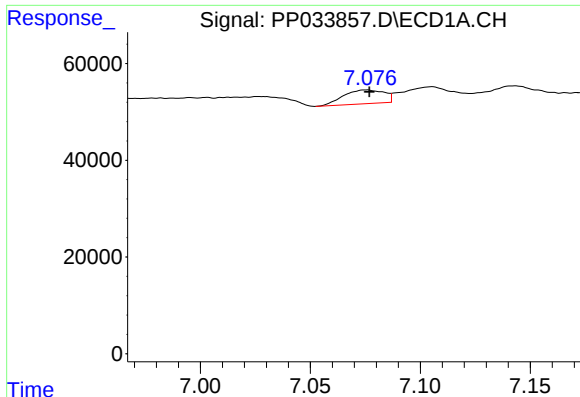
#25 AR-1248-5

R.T.: 7.143 min  
Delta R.T.: -0.004 min  
Response: 29222  
Conc: 10.71 ng/ml



#25 AR-1248-5

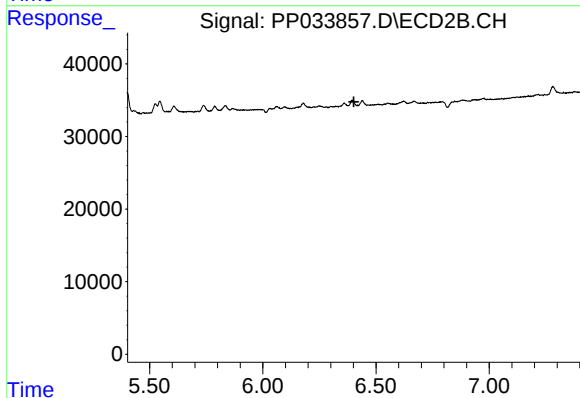
R.T.: 0.000 min  
Exp R.T. : 6.446 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

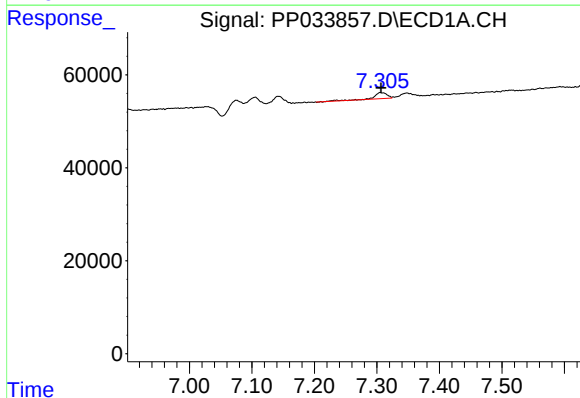
R.T.: 7.075 min  
Delta R.T.: -0.002 min  
Response: 36580  
Conc: 12.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



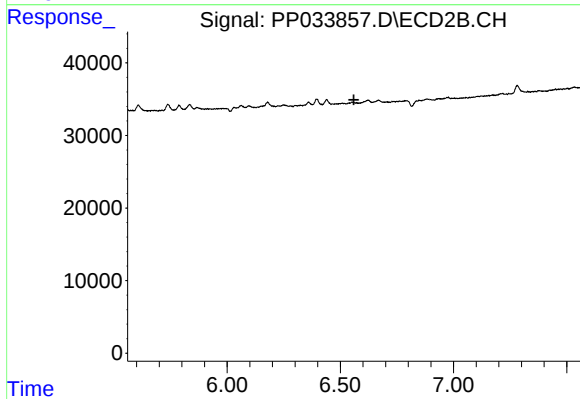
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.403 min  
Response: 0  
Conc: N.D.



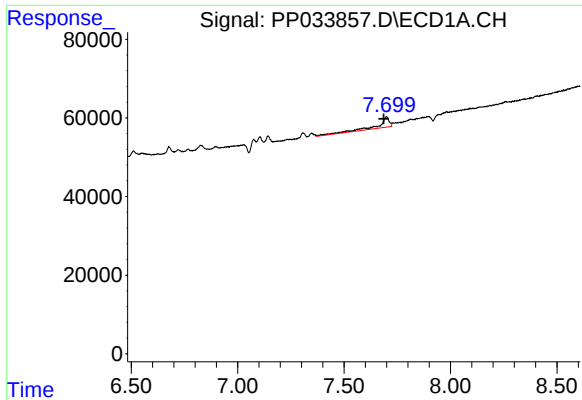
#27 AR-1254-2

R.T.: 7.305 min  
Delta R.T.: -0.001 min  
Response: 19300  
Conc: 4.40 ng/ml



#27 AR-1254-2

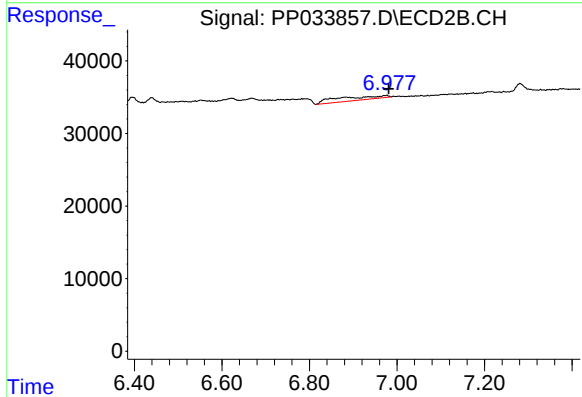
R.T.: 0.000 min  
Exp R.T. : 6.560 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

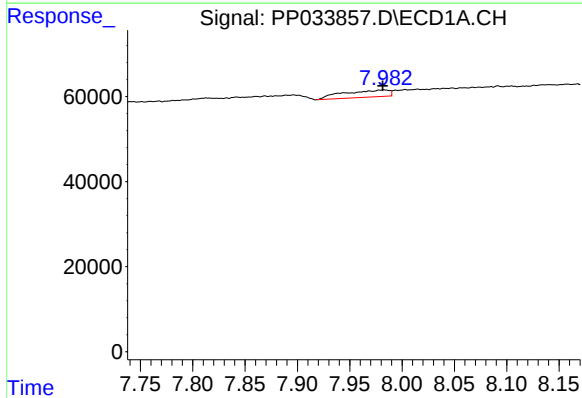
R.T.: 7.699 min  
Delta R.T.: 0.013 min  
Response: 102770  
Conc: 21.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



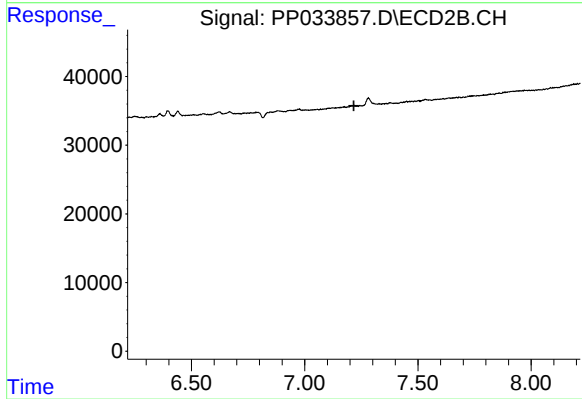
#28 AR-1254-3

R.T.: 6.977 min  
Delta R.T.: -0.004 min  
Response: 39344  
Conc: 17.04 ng/ml



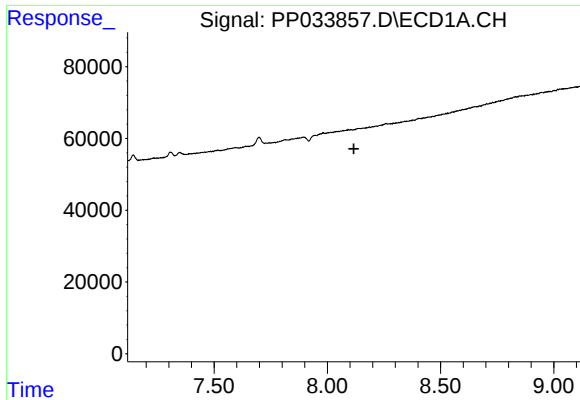
#29 AR-1254-4

R.T.: 7.982 min  
Delta R.T.: 0.000 min  
Response: 50130  
Conc: 14.85 ng/ml



#29 AR-1254-4

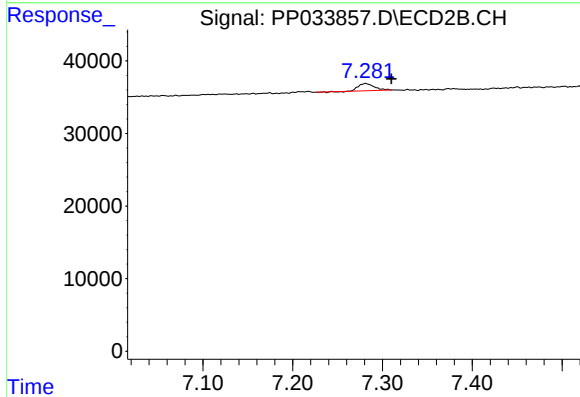
R.T.: 0.000 min  
Exp R.T.: 7.217 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

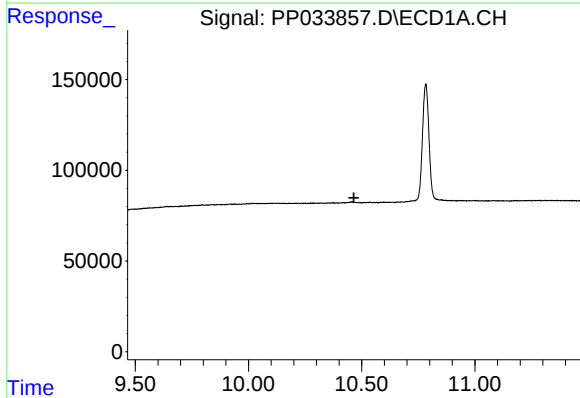
R.T.: 0.000 min  
Exp R.T.: 8.117 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



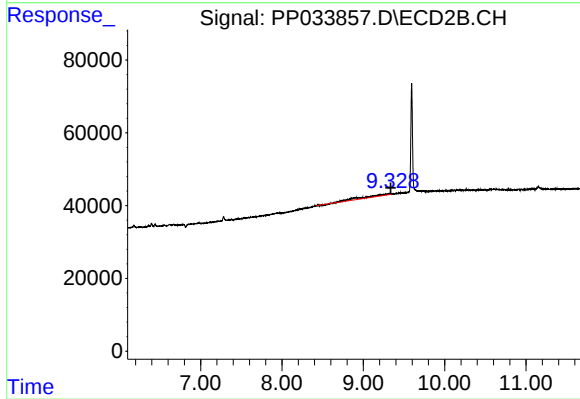
#32 AR-1260-2

R.T.: 7.281 min  
Delta R.T.: -0.029 min  
Response: 12114  
Conc: 6.70 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.466 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.328 min  
Delta R.T.: -0.010 min  
Response: 104862  
Conc: 11.47 ng/ml