

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP100121\  
 Data File : PP039717.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Oct 2021 13:19  
 Operator : AJ\MA  
 Sample : M3991-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 MW-23-20210929-0-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 01:15:56 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Sep 25 01:28:12 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... | 4.904  | 3.994  | 581298 | 333699 | 18.362  | 20.480    |
| 2)                          | SA Decachlor... | 10.925 | 9.326  | 446029 | 444849 | 20.560  | 20.357    |
|                             |                 |        |        |        |        |         |           |
| Target Compounds            |                 |        |        |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.280f | 0      | 9898   | N.D.    | 13.735 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.280  | 0      | 9898   | N.D.    | 10.032 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.523  | 0      | 17656  | N.D.    | 39.846 #  |
| 8)                          | L2 AR-1221-1    | 5.153  | 4.275f | 64657  | 172141 | 172.278 | 854.405 # |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.354  | 0      | 131447 | N.D.    | 771.341 # |
| 10)                         | L2 AR-1221-3    | 5.367f | 0.000  | 275918 | 0      | 322.320 | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.367f | 0.000  | 275918 | 0      | 431.125 | N.D. #    |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.280  | 0      | 9898   | N.D.    | 23.704 #  |
| 15)                         | L3 AR-1232-5    | 6.520  | 0.000  | 22033  | 0      | 95.599  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.280f | 0      | 9898   | N.D.    | 18.454 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.280  | 0      | 9898   | N.D.    | 13.515 #  |
| 20)                         | L4 AR-1242-5    | 7.212  | 6.136  | 48230  | 161949 | 77.656  | 305.189 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.280f | 0      | 9898   | N.D.    | 22.793 #  |
| 22)                         | L5 AR-1248-2    | 6.520  | 5.523  | 22033  | 17656  | 26.701  | 29.794    |
| 25)                         | L5 AR-1248-5    | 7.212  | 6.180  | 48230  | 12958  | 46.220  | 18.383 #  |
| 26)                         | L6 AR-1254-1    | 7.138  | 6.136  | 214096 | 161949 | 196.146 | 155.552   |
| 27)                         | L6 AR-1254-2    | 7.368  | 6.294  | 251217 | 125947 | 155.527 | 130.691   |
| 28)                         | L6 AR-1254-3    | 7.749  | 6.717  | 291256 | 250203 | 175.048 | 166.320   |
| 29)                         | L6 AR-1254-4    | 8.045  | 6.957  | 106557 | 95354  | 87.232  | 99.024    |
| 30)                         | L6 AR-1254-5    | 8.475  | 7.389  | 256960 | 269143 | 202.522 | 191.216   |
| 31)                         | L7 AR-1260-1    | 7.916  | 6.855  | 137216 | 151246 | 111.660 | 140.444 # |
| 32)                         | L7 AR-1260-2    | 8.181  | 7.052  | 215519 | 149766 | 155.673 | 116.932   |
| 33)                         | L7 AR-1260-3    | 8.546  | 7.207  | 52501  | 135354 | 63.474  | 112.510 # |
| 34)                         | L7 AR-1260-4    | 8.772  | 7.694  | 147281 | 45300  | 147.729 | 48.640 #  |
| 35)                         | L7 AR-1260-5    | 9.104  | 7.941  | 85698  | 92414  | 45.224  | 43.085    |
| 36)                         | L8 AR-1262-1    | 8.546  | 7.389  | 52501  | 269143 | 39.318  | 381.771 # |
| 37)                         | L8 AR-1262-2    | 9.104  | 7.941  | 85698  | 92414  | 38.962  | 40.680    |
| 38)                         | L8 AR-1262-3    | 9.436f | 8.230  | 69146  | 29779  | 70.833  | 29.299 #  |
| 39)                         | L8 AR-1262-4    | 9.510  | 8.292  | 35490  | 92469  | 59.333  | 51.480    |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.792  | 0      | 26370  | N.D.    | 28.964 #  |
| 41)                         | L9 AR-1268-1    | 9.436f | 8.230  | 69146  | 29779  | 25.677  | 10.213 #  |
| 42)                         | L9 AR-1268-2    | 9.510  | 8.292  | 35490  | 92469  | 13.778  | 34.688 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.792  | 0      | 26370  | N.D.    | 25.620 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.077  | 0      | 20235  | N.D.    | 2.758 #   |
| -----                       |                 |        |        |        |        |         |           |

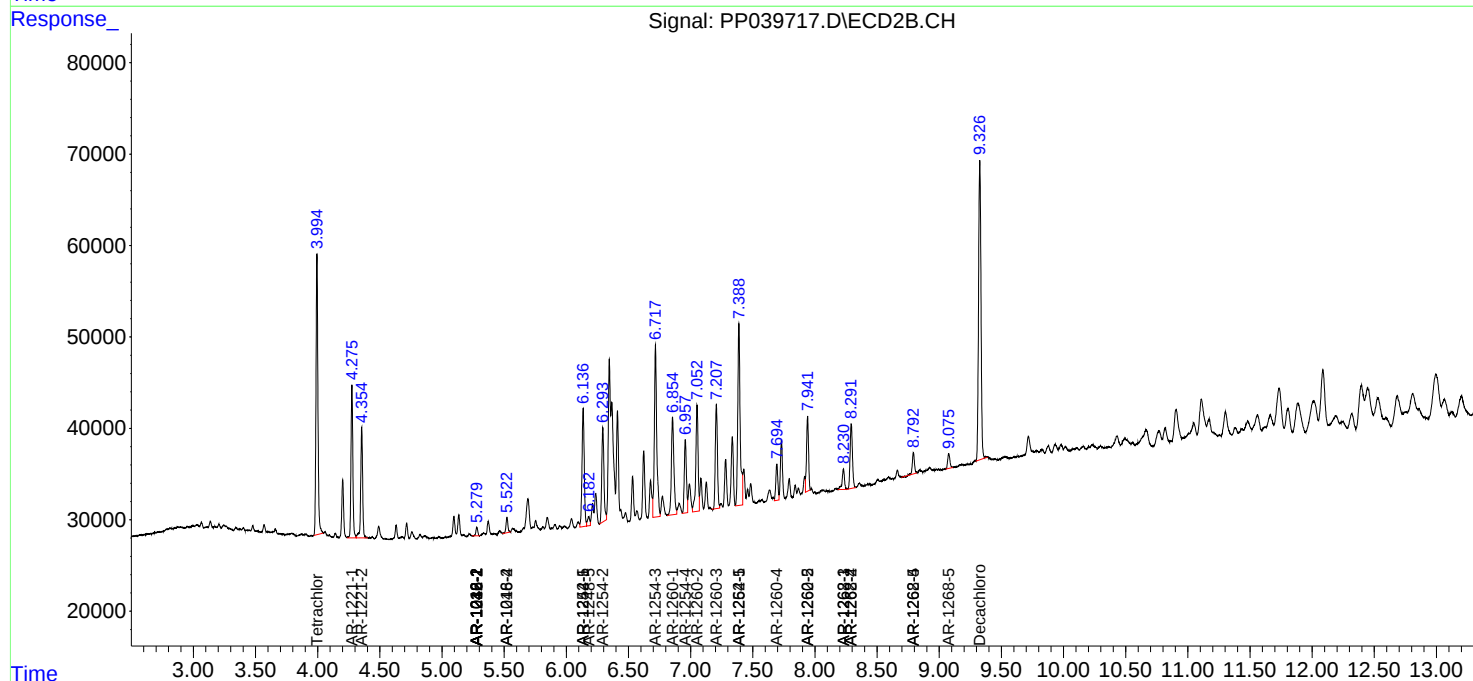
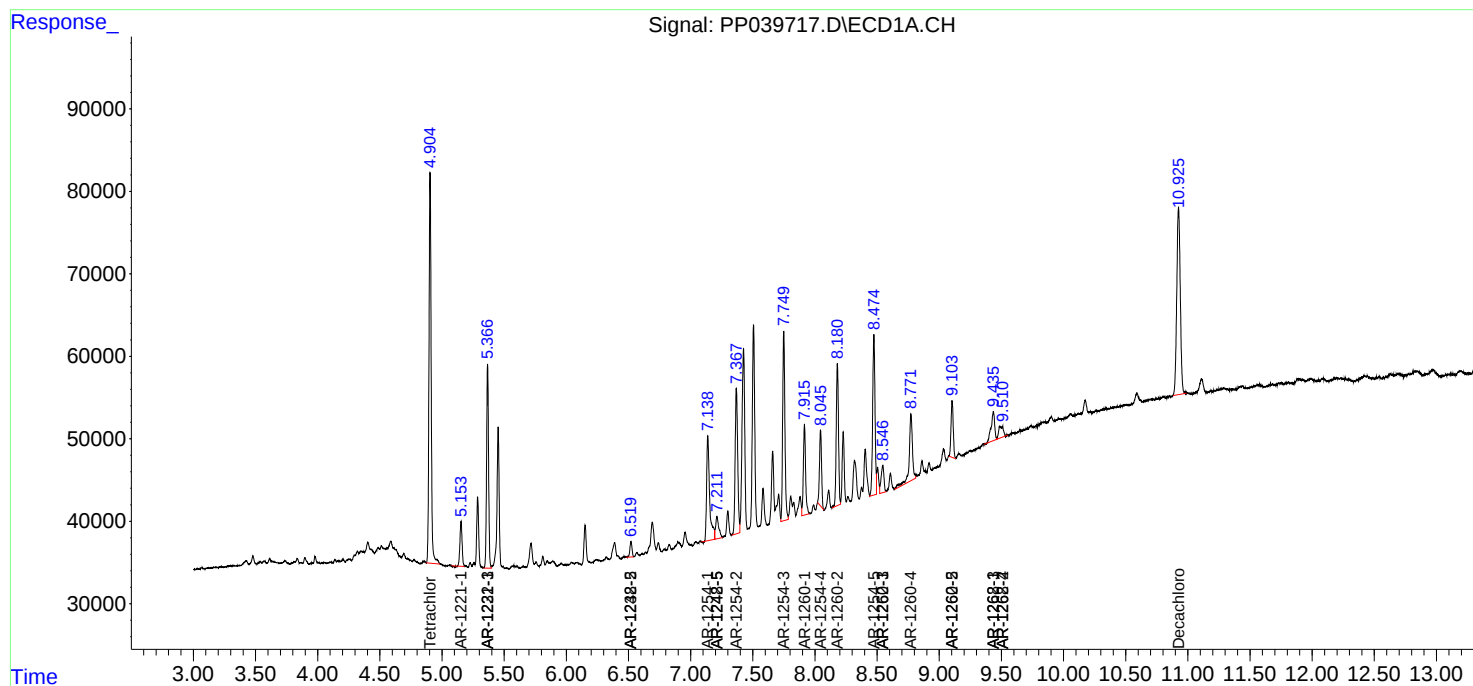
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

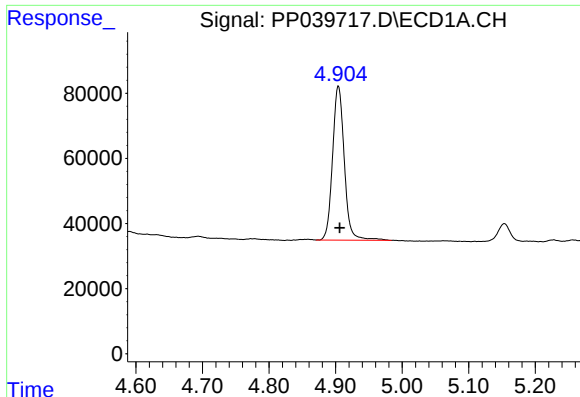
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP100121\  
Data File : PP039717.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Oct 2021 13:19  
Operator : AJ\MA  
Sample : M3991-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 01:15:56 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Sep 25 01:28:12 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

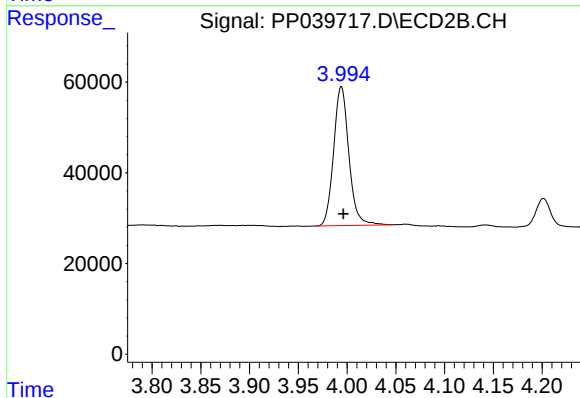




#1 Tetrachloro-m-xylene

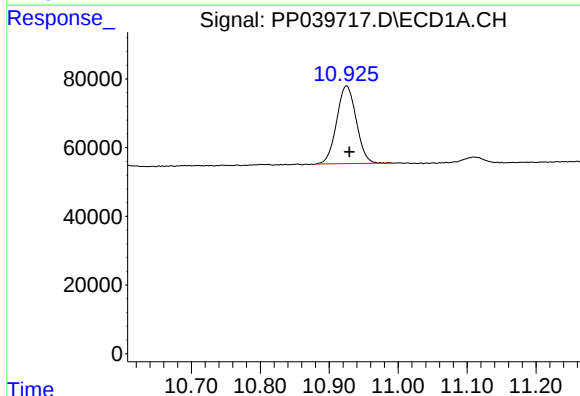
R.T.: 4.904 min  
Delta R.T.: -0.002 min  
Response: 581298  
Conc: 18.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



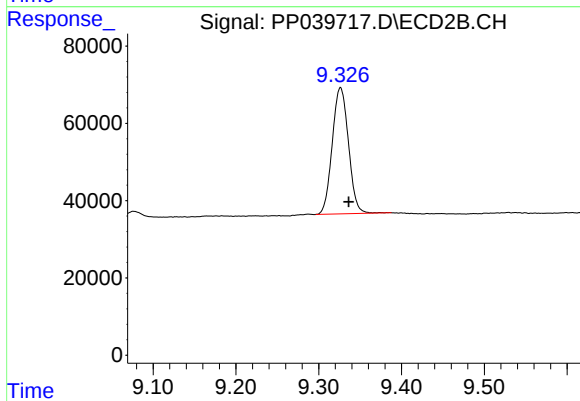
#1 Tetrachloro-m-xylene

R.T.: 3.994 min  
Delta R.T.: -0.002 min  
Response: 333699  
Conc: 20.48 ng/ml



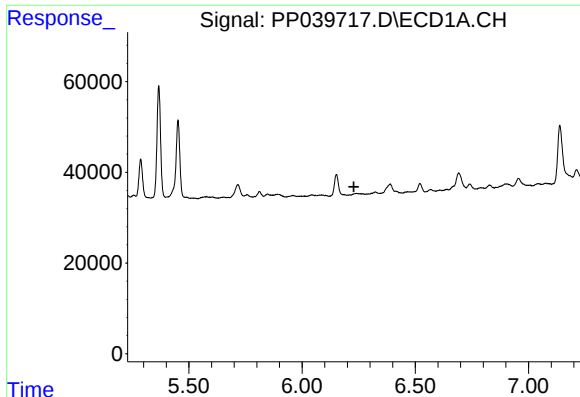
#2 Decachlorobiphenyl

R.T.: 10.925 min  
Delta R.T.: -0.004 min  
Response: 446029  
Conc: 20.56 ng/ml



#2 Decachlorobiphenyl

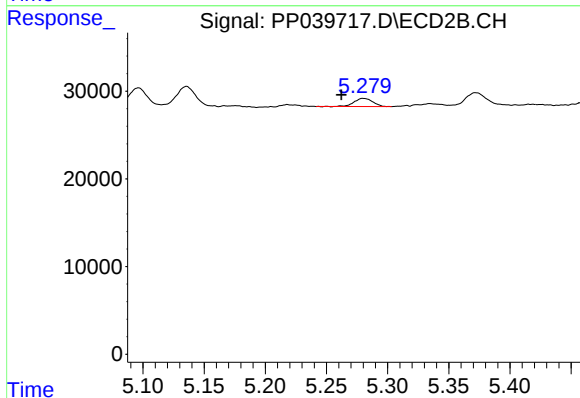
R.T.: 9.326 min  
Delta R.T.: -0.010 min  
Response: 444849  
Conc: 20.36 ng/ml



#3 AR-1016-1

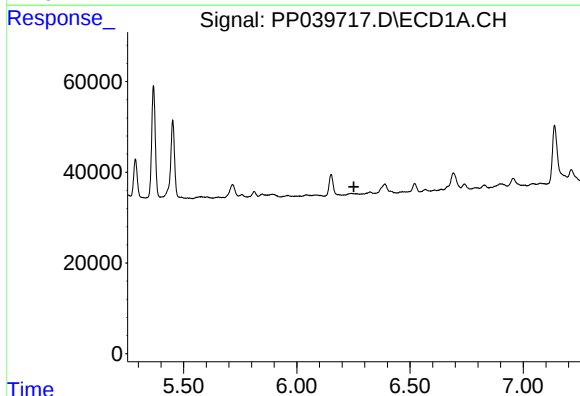
R.T.: 0.000 min  
Exp R.T.: 6.229 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



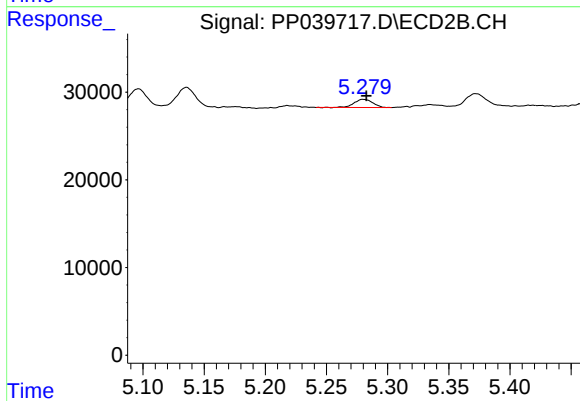
#3 AR-1016-1

R.T.: 5.280 min  
Delta R.T.: 0.018 min  
Response: 9898  
Conc: 13.73 ng/ml



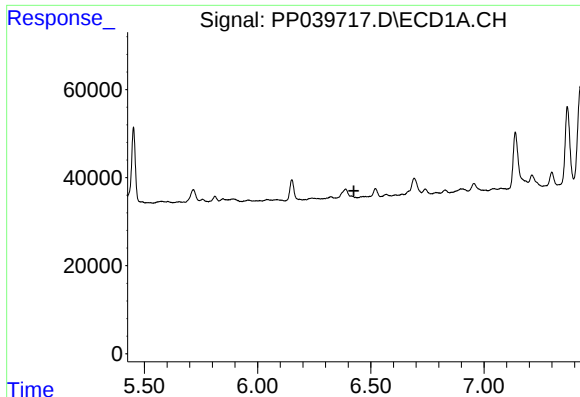
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 6.252 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

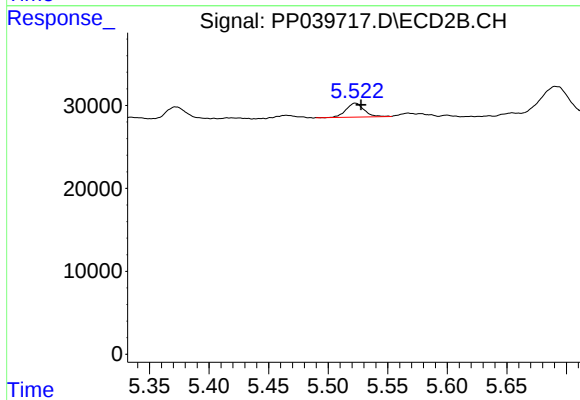
R.T.: 5.280 min  
Delta R.T.: -0.002 min  
Response: 9898  
Conc: 10.03 ng/ml



#6 AR-1016-4

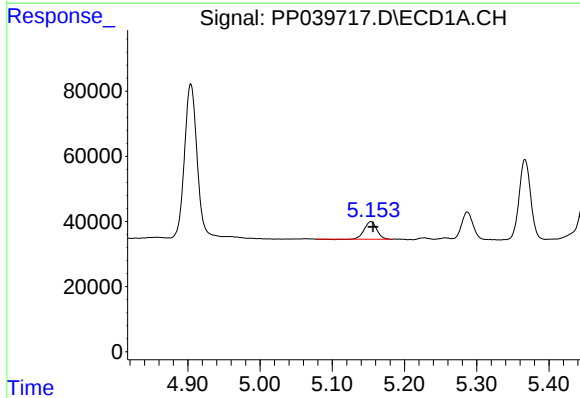
R.T.: 0.000 min  
Exp R.T.: 6.425 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



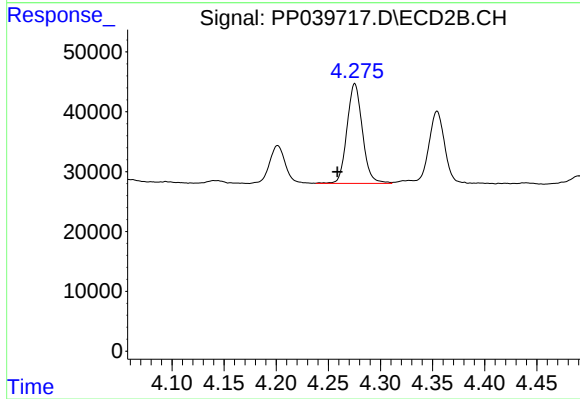
#6 AR-1016-4

R.T.: 5.523 min  
Delta R.T.: -0.005 min  
Response: 17656  
Conc: 39.85 ng/ml



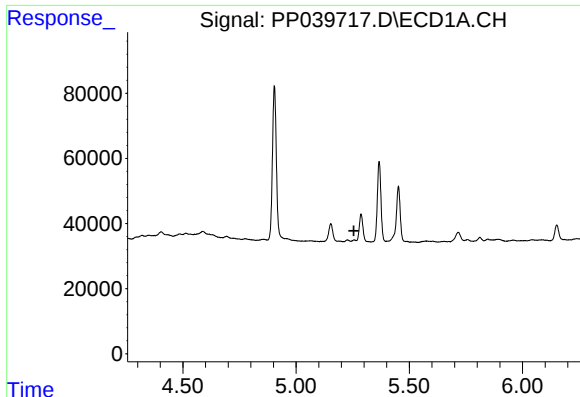
#8 AR-1221-1

R.T.: 5.153 min  
Delta R.T.: -0.003 min  
Response: 64657  
Conc: 172.28 ng/ml



#8 AR-1221-1

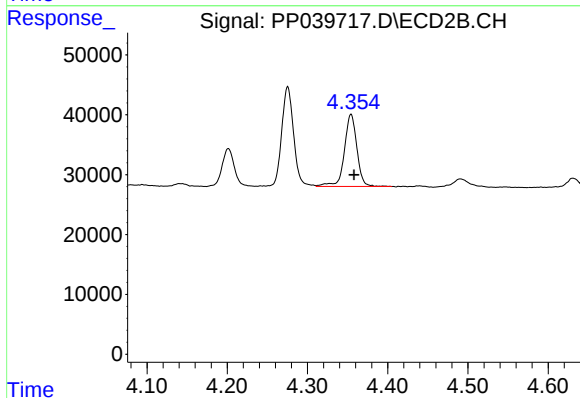
R.T.: 4.275 min  
Delta R.T.: 0.017 min  
Response: 172141  
Conc: 854.41 ng/ml



#9 AR-1221-2

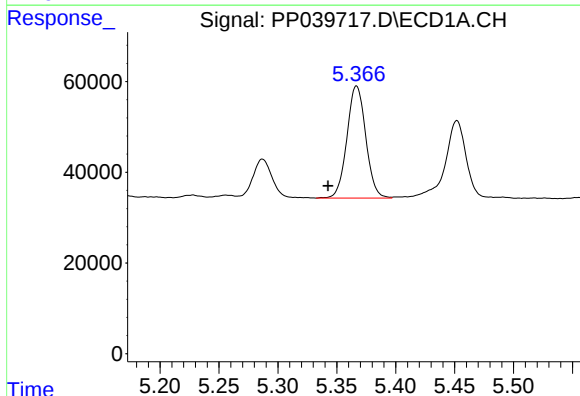
R.T.: 0.000 min  
Exp R.T.: 5.255 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



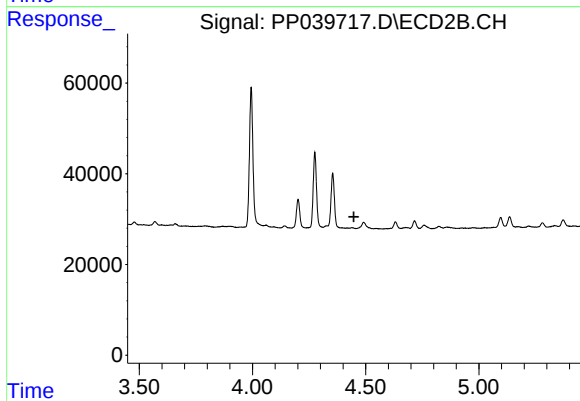
#9 AR-1221-2

R.T.: 4.354 min  
Delta R.T.: -0.004 min  
Response: 131447  
Conc: 771.34 ng/ml



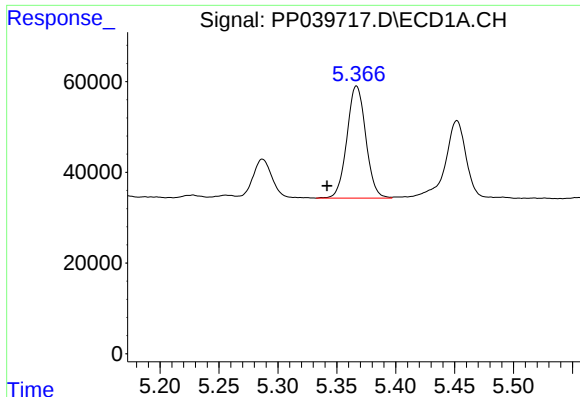
#10 AR-1221-3

R.T.: 5.367 min  
Delta R.T.: 0.024 min  
Response: 275918  
Conc: 322.32 ng/ml



#10 AR-1221-3

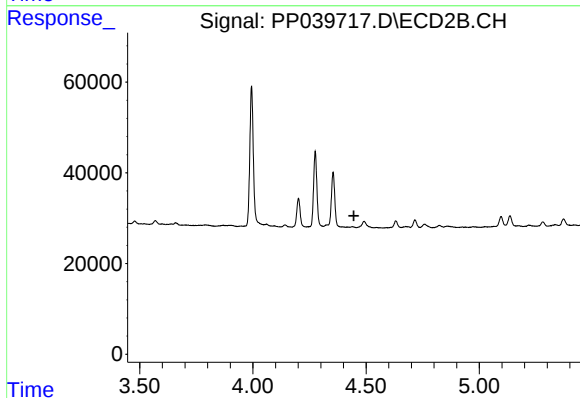
R.T.: 0.000 min  
Exp R.T.: 4.447 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

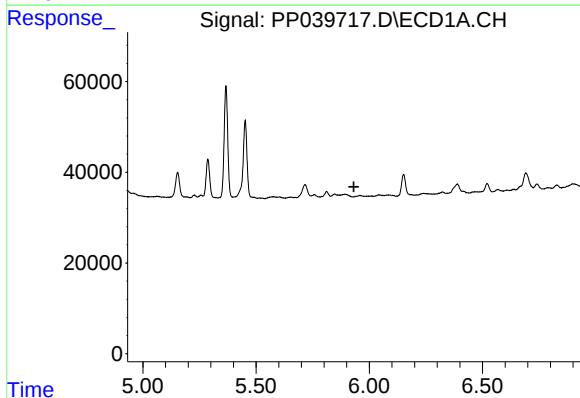
R.T.: 5.367 min  
Delta R.T.: 0.025 min  
Response: 275918  
Conc: 431.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



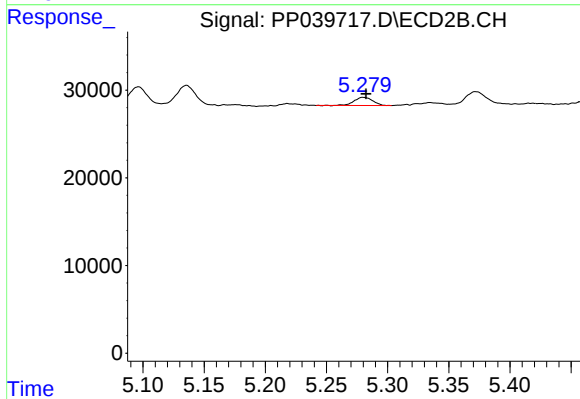
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.447 min  
Response: 0  
Conc: N.D.



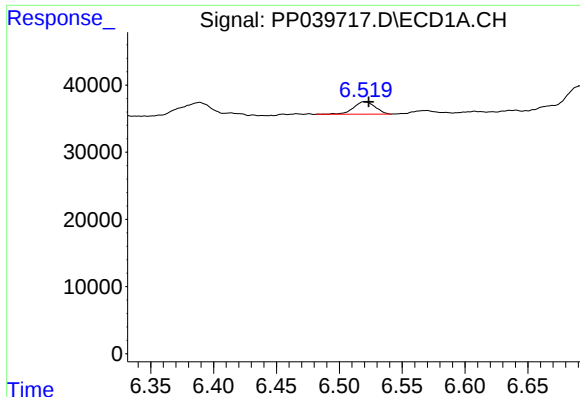
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.932 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

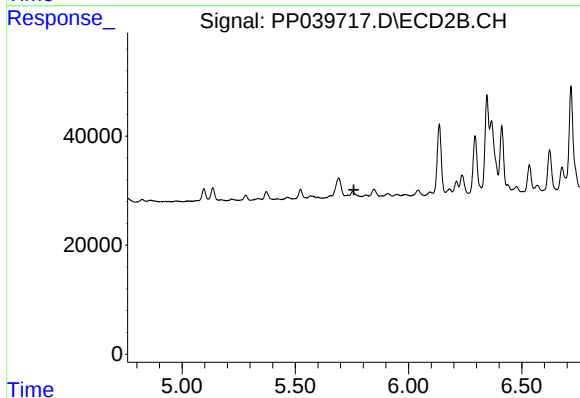
R.T.: 5.280 min  
Delta R.T.: -0.002 min  
Response: 9898  
Conc: 23.70 ng/ml



#15 AR-1232-5

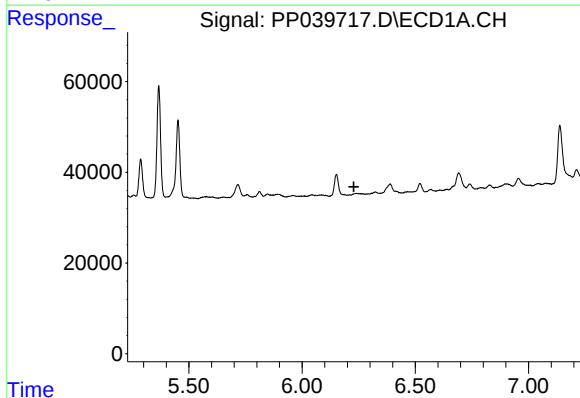
R.T.: 6.520 min  
Delta R.T.: -0.004 min  
Response: 22033  
Conc: 95.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



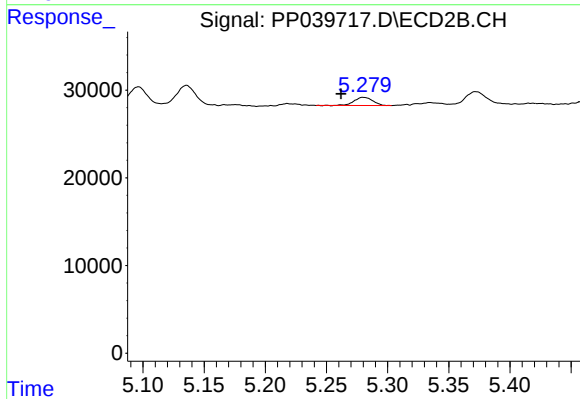
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.758 min  
Response: 0  
Conc: N.D.



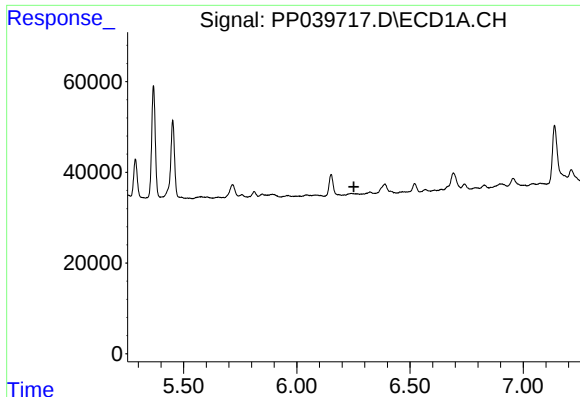
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 6.228 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

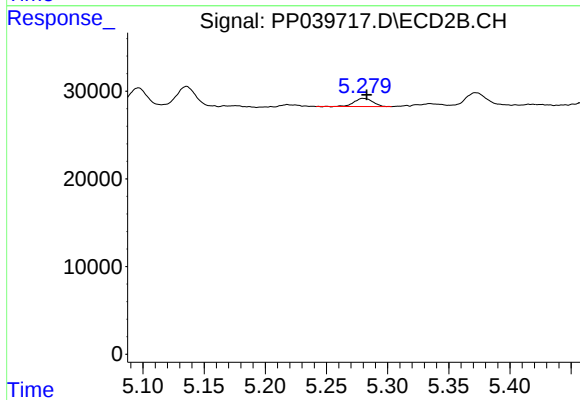
R.T.: 5.280 min  
Delta R.T.: 0.018 min  
Response: 9898  
Conc: 18.45 ng/ml



#17 AR-1242-2

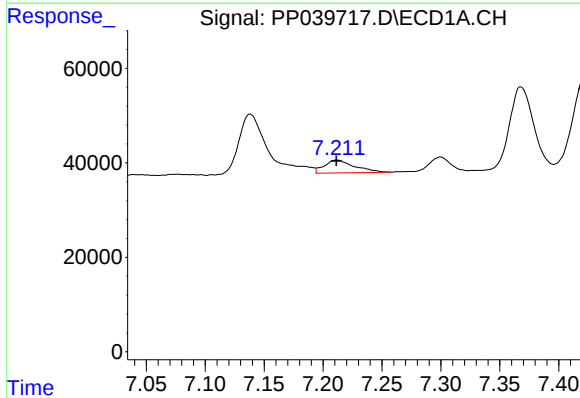
R.T.: 0.000 min  
Exp R.T.: 6.252 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



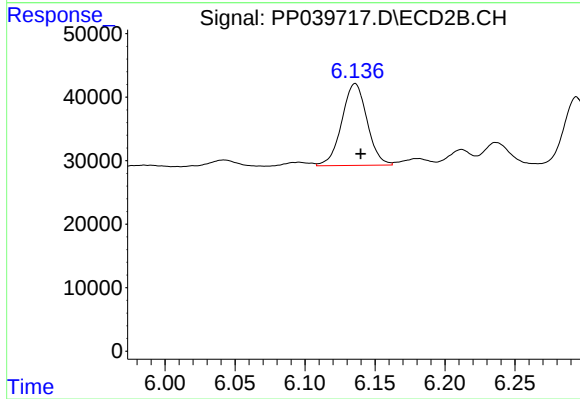
#17 AR-1242-2

R.T.: 5.280 min  
Delta R.T.: -0.003 min  
Response: 9898  
Conc: 13.52 ng/ml



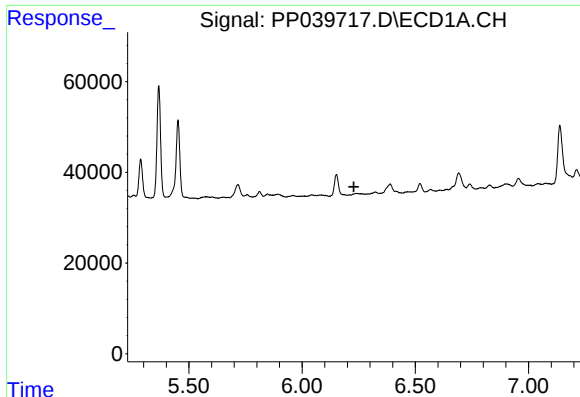
#20 AR-1242-5

R.T.: 7.212 min  
Delta R.T.: 0.000 min  
Response: 48230  
Conc: 77.66 ng/ml



#20 AR-1242-5

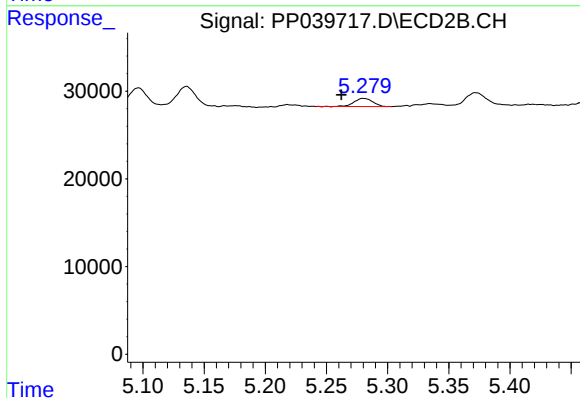
R.T.: 6.136 min  
Delta R.T.: -0.004 min  
Response: 161949  
Conc: 305.19 ng/ml



#21 AR-1248-1

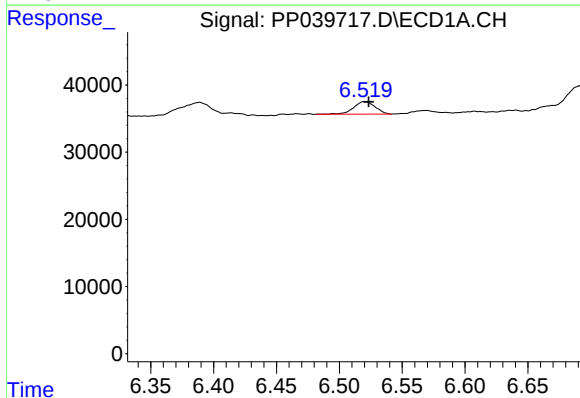
R.T.: 0.000 min  
Exp R.T.: 6.228 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



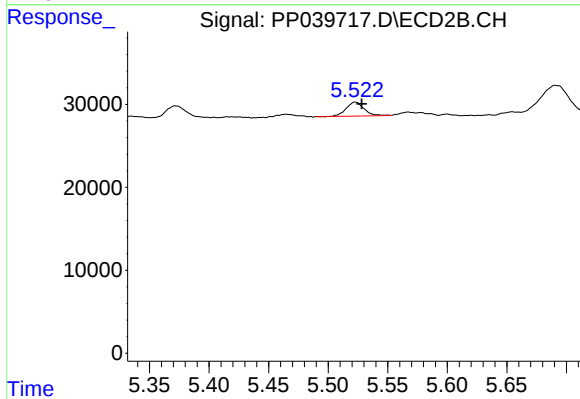
#21 AR-1248-1

R.T.: 5.280 min  
Delta R.T.: 0.018 min  
Response: 9898  
Conc: 22.79 ng/ml



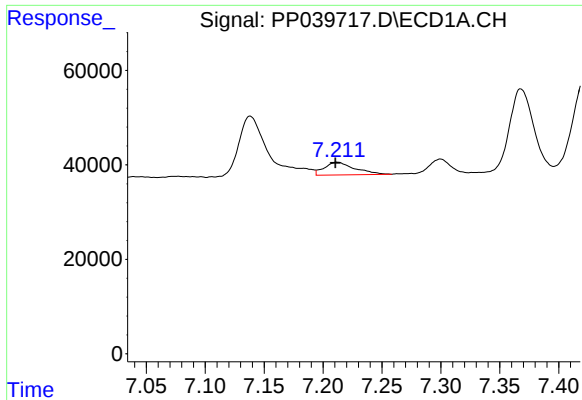
#22 AR-1248-2

R.T.: 6.520 min  
Delta R.T.: -0.004 min  
Response: 22033  
Conc: 26.70 ng/ml



#22 AR-1248-2

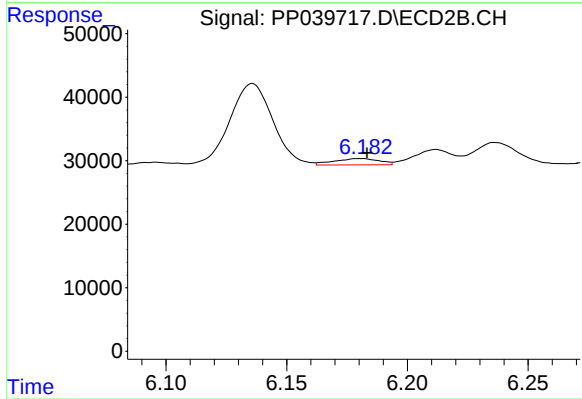
R.T.: 5.523 min  
Delta R.T.: -0.005 min  
Response: 17656  
Conc: 29.79 ng/ml



#25 AR-1248-5

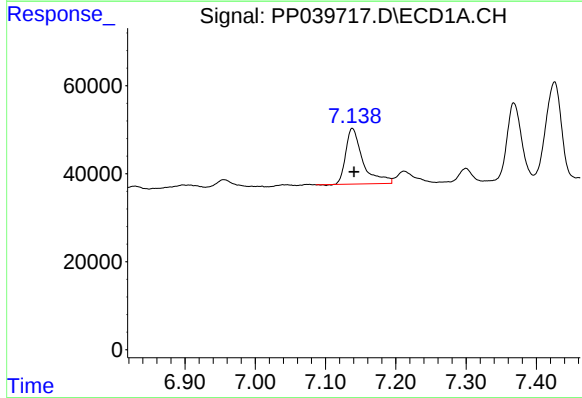
R.T.: 7.212 min  
Delta R.T.: 0.001 min  
Response: 48230  
Conc: 46.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



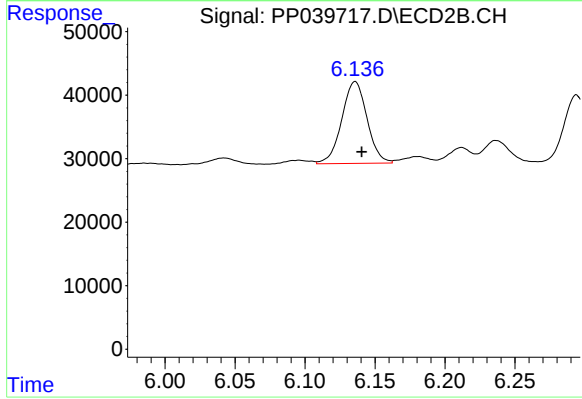
#25 AR-1248-5

R.T.: 6.180 min  
Delta R.T.: -0.003 min  
Response: 12958  
Conc: 18.38 ng/ml



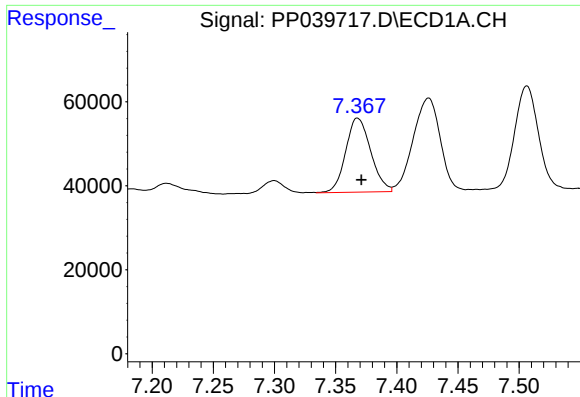
#26 AR-1254-1

R.T.: 7.138 min  
Delta R.T.: -0.002 min  
Response: 214096  
Conc: 196.15 ng/ml



#26 AR-1254-1

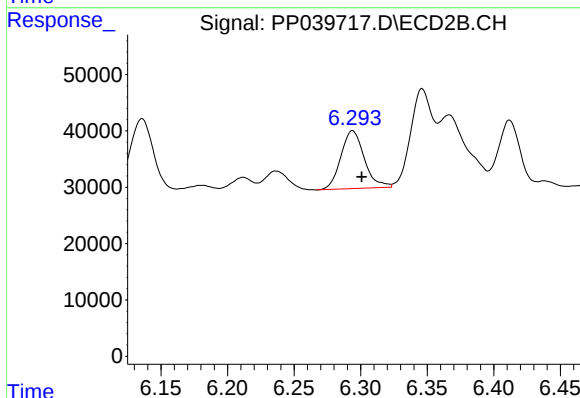
R.T.: 6.136 min  
Delta R.T.: -0.005 min  
Response: 161949  
Conc: 155.55 ng/ml



#27 AR-1254-2

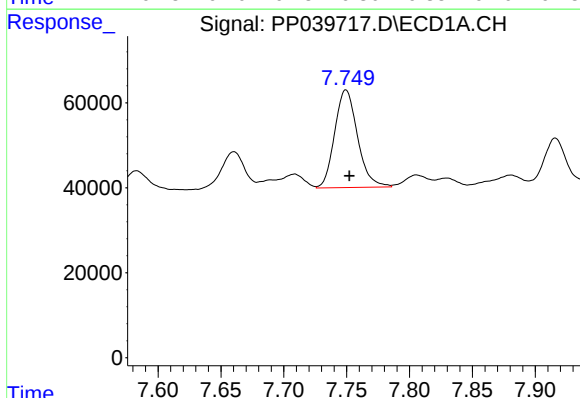
R.T.: 7.368 min  
Delta R.T.: -0.003 min  
Response: 251217  
Conc: 155.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



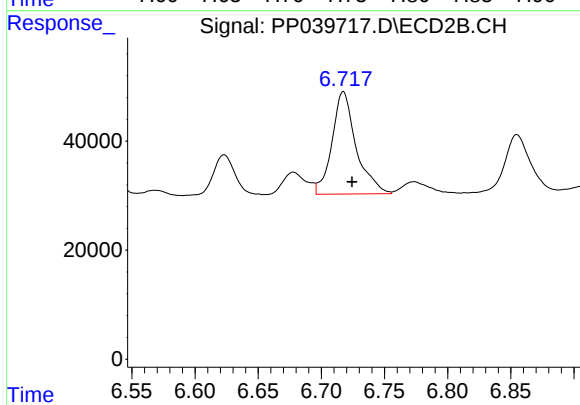
#27 AR-1254-2

R.T.: 6.294 min  
Delta R.T.: -0.007 min  
Response: 125947  
Conc: 130.69 ng/ml



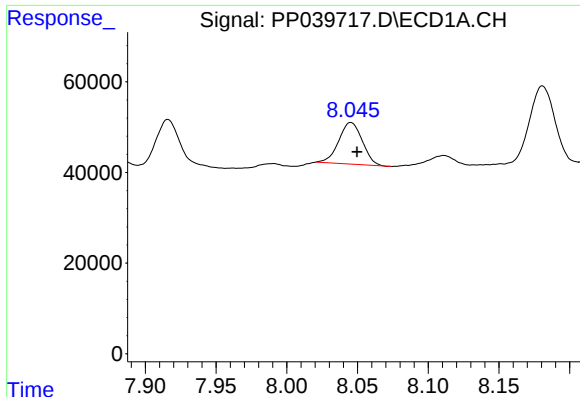
#28 AR-1254-3

R.T.: 7.749 min  
Delta R.T.: -0.003 min  
Response: 291256  
Conc: 175.05 ng/ml



#28 AR-1254-3

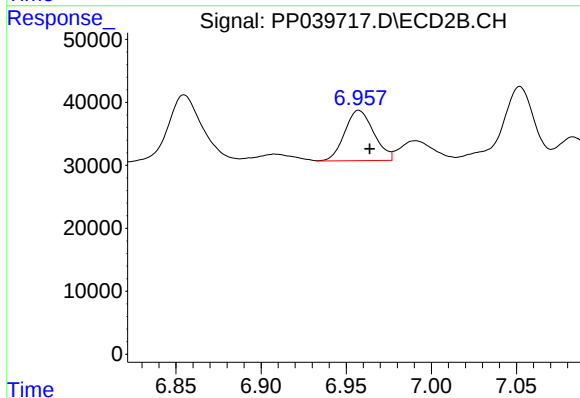
R.T.: 6.717 min  
Delta R.T.: -0.007 min  
Response: 250203  
Conc: 166.32 ng/ml



#29 AR-1254-4

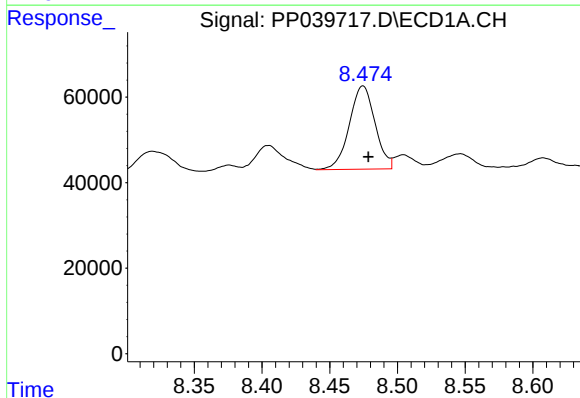
R.T.: 8.045 min  
Delta R.T.: -0.004 min  
Response: 106557  
Conc: 87.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



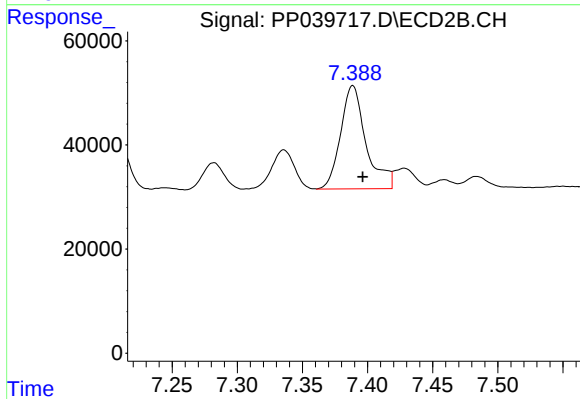
#29 AR-1254-4

R.T.: 6.957 min  
Delta R.T.: -0.006 min  
Response: 95354  
Conc: 99.02 ng/ml



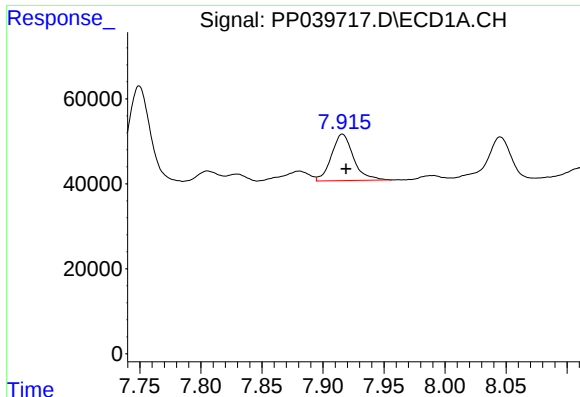
#30 AR-1254-5

R.T.: 8.475 min  
Delta R.T.: -0.004 min  
Response: 256960  
Conc: 202.52 ng/ml



#30 AR-1254-5

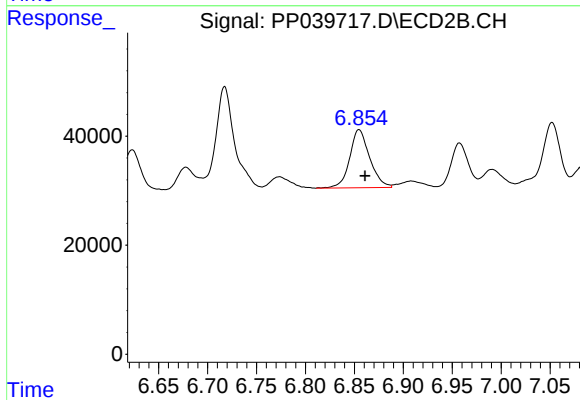
R.T.: 7.389 min  
Delta R.T.: -0.008 min  
Response: 269143  
Conc: 191.22 ng/ml



#31 AR-1260-1

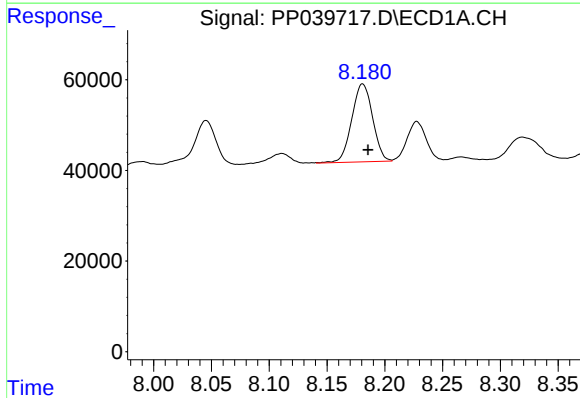
R.T.: 7.916 min  
Delta R.T.: -0.003 min  
Response: 137216  
Conc: 111.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



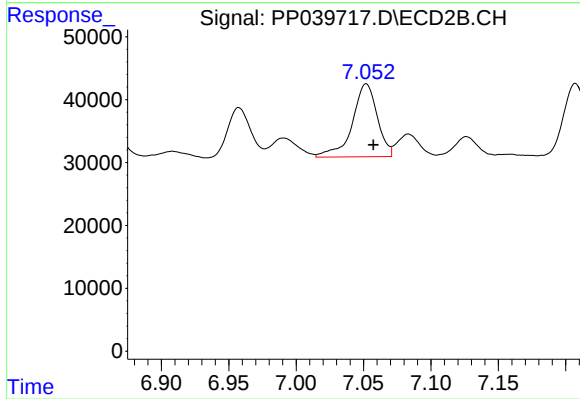
#31 AR-1260-1

R.T.: 6.855 min  
Delta R.T.: -0.006 min  
Response: 151246  
Conc: 140.44 ng/ml



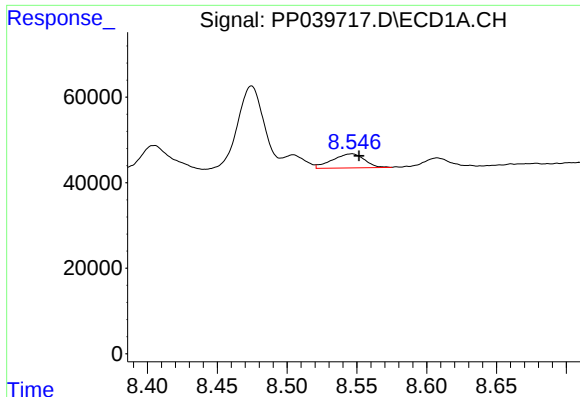
#32 AR-1260-2

R.T.: 8.181 min  
Delta R.T.: -0.005 min  
Response: 215519  
Conc: 155.67 ng/ml



#32 AR-1260-2

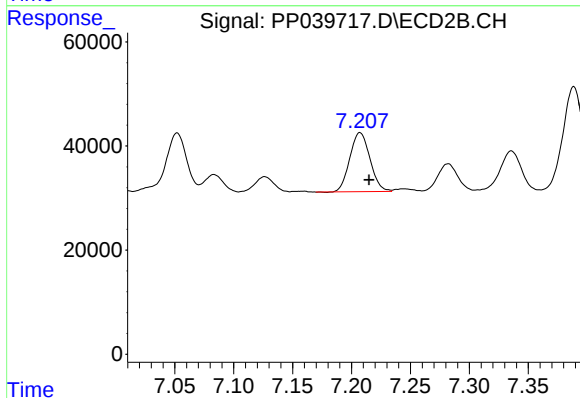
R.T.: 7.052 min  
Delta R.T.: -0.005 min  
Response: 149766  
Conc: 116.93 ng/ml



#33 AR-1260-3

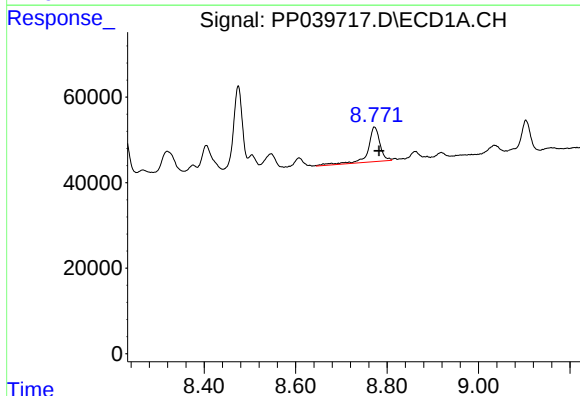
R.T.: 8.546 min  
Delta R.T.: -0.005 min  
Response: 52501  
Conc: 63.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



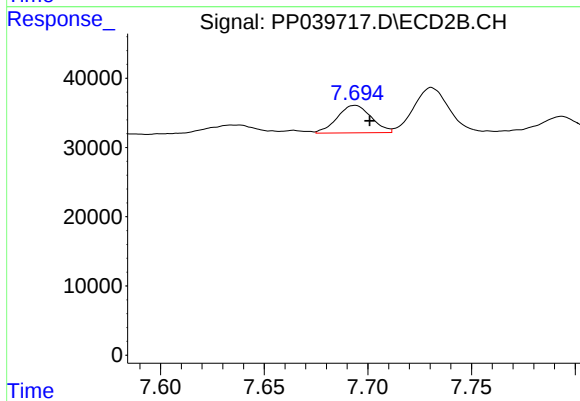
#33 AR-1260-3

R.T.: 7.207 min  
Delta R.T.: -0.008 min  
Response: 135354  
Conc: 112.51 ng/ml



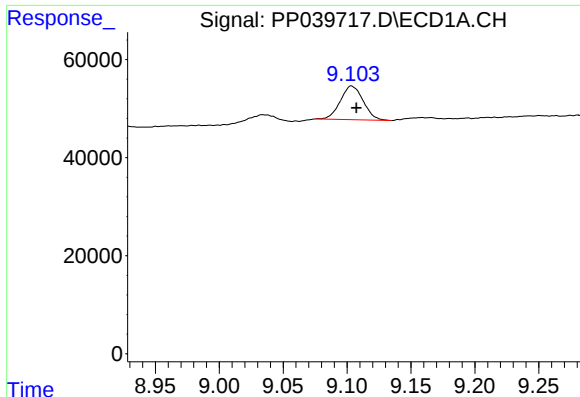
#34 AR-1260-4

R.T.: 8.772 min  
Delta R.T.: -0.010 min  
Response: 147281  
Conc: 147.73 ng/ml



#34 AR-1260-4

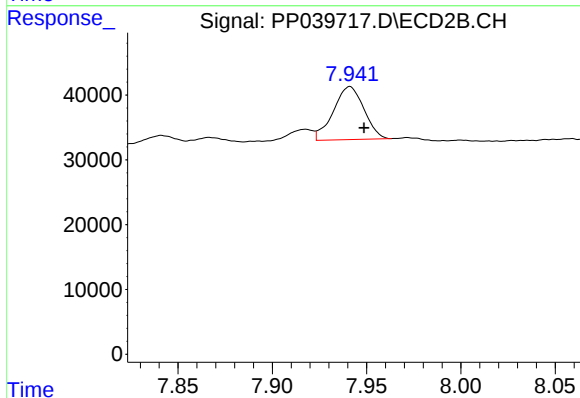
R.T.: 7.694 min  
Delta R.T.: -0.007 min  
Response: 45300  
Conc: 48.64 ng/ml



#35 AR-1260-5

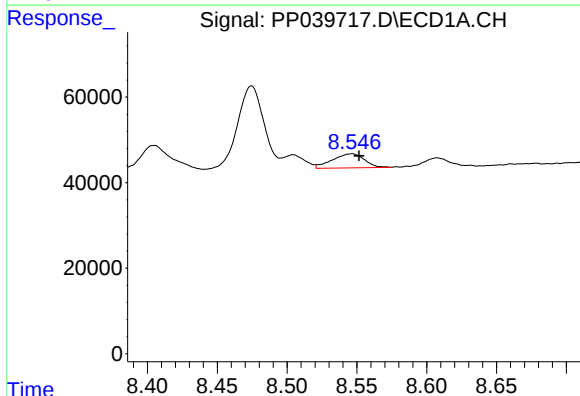
R.T.: 9.104 min  
Delta R.T.: -0.004 min  
Response: 85698  
Conc: 45.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



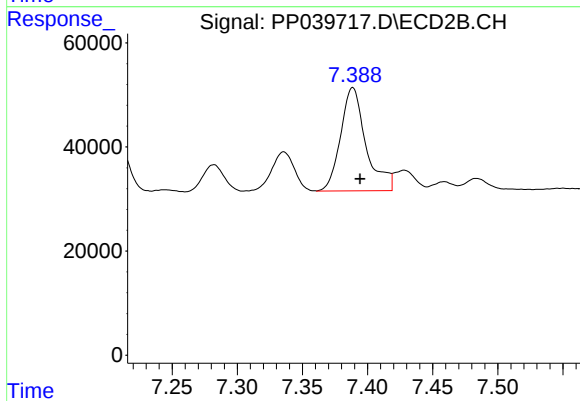
#35 AR-1260-5

R.T.: 7.941 min  
Delta R.T.: -0.008 min  
Response: 92414  
Conc: 43.08 ng/ml



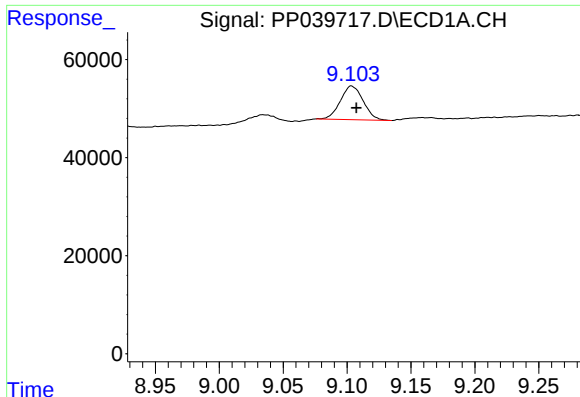
#36 AR-1262-1

R.T.: 8.546 min  
Delta R.T.: -0.005 min  
Response: 52501  
Conc: 39.32 ng/ml



#36 AR-1262-1

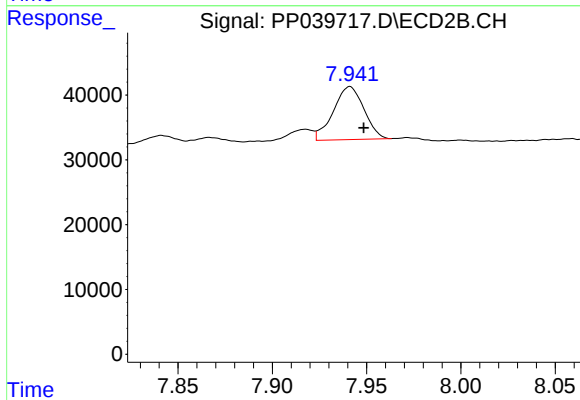
R.T.: 7.389 min  
Delta R.T.: -0.005 min  
Response: 269143  
Conc: 381.77 ng/ml



#37 AR-1262-2

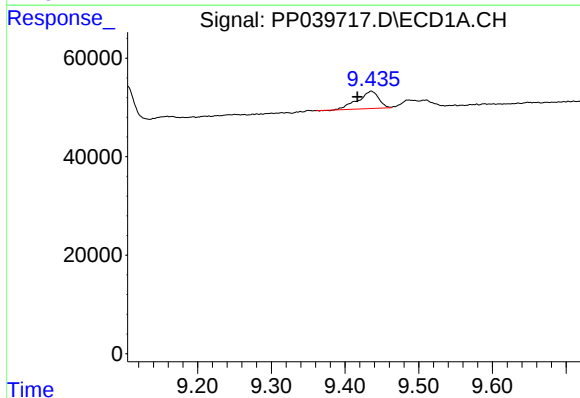
R.T.: 9.104 min  
Delta R.T.: -0.004 min  
Response: 85698  
Conc: 38.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



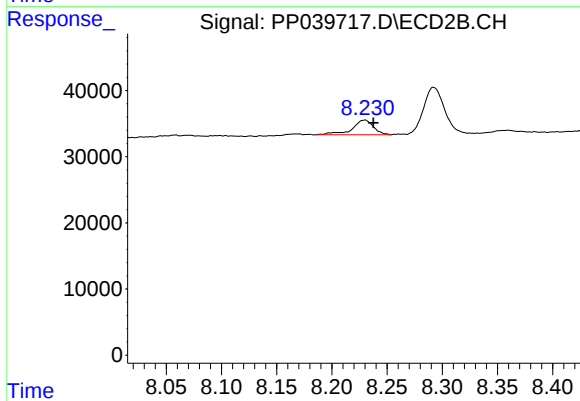
#37 AR-1262-2

R.T.: 7.941 min  
Delta R.T.: -0.007 min  
Response: 92414  
Conc: 40.68 ng/ml



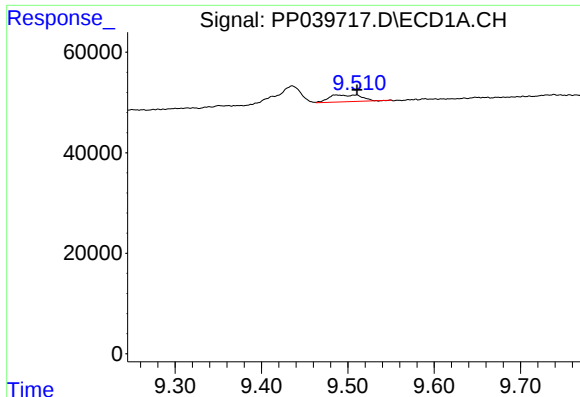
#38 AR-1262-3

R.T.: 9.436 min  
Delta R.T.: 0.019 min  
Response: 69146  
Conc: 70.83 ng/ml



#38 AR-1262-3

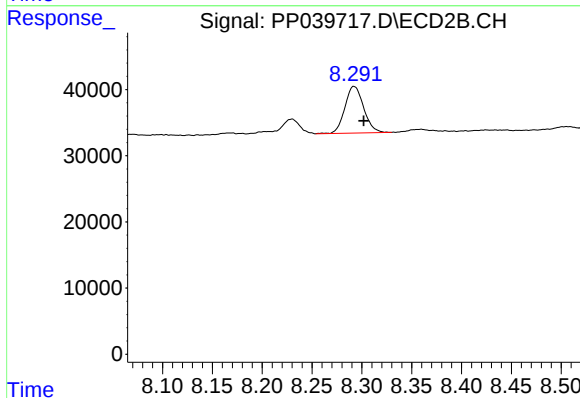
R.T.: 8.230 min  
Delta R.T.: -0.008 min  
Response: 29779  
Conc: 29.30 ng/ml



#39 AR-1262-4

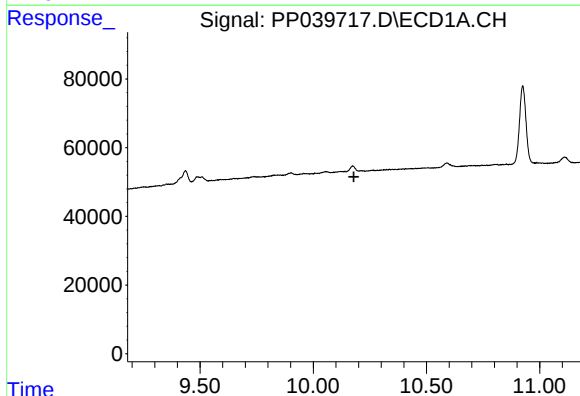
R.T.: 9.510 min  
Delta R.T.: 0.000 min  
Response: 35490  
Conc: 59.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



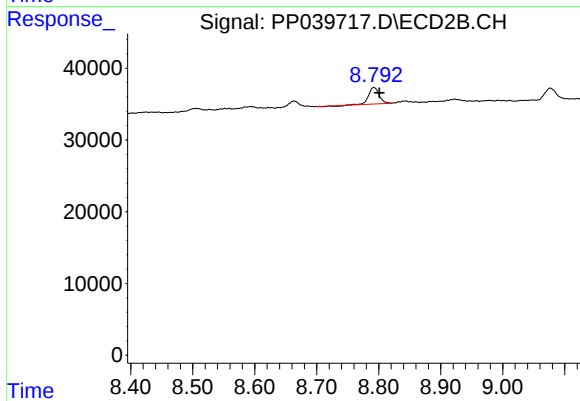
#39 AR-1262-4

R.T.: 8.292 min  
Delta R.T.: -0.010 min  
Response: 92469  
Conc: 51.48 ng/ml



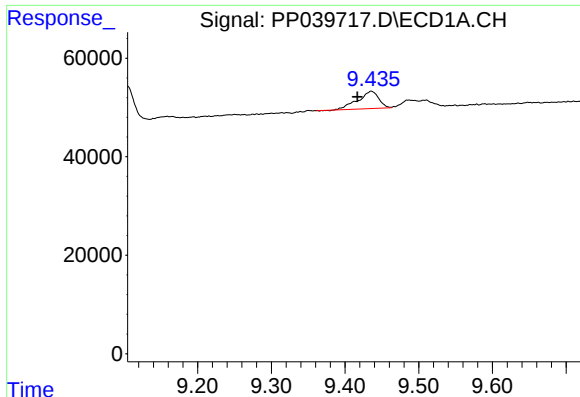
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 10.180 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

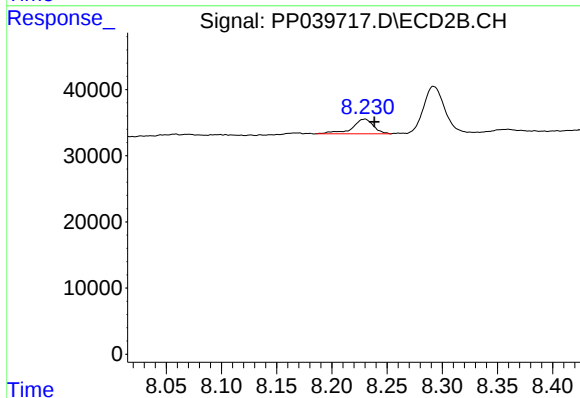
R.T.: 8.792 min  
Delta R.T.: -0.009 min  
Response: 26370  
Conc: 28.96 ng/ml



#41 AR-1268-1

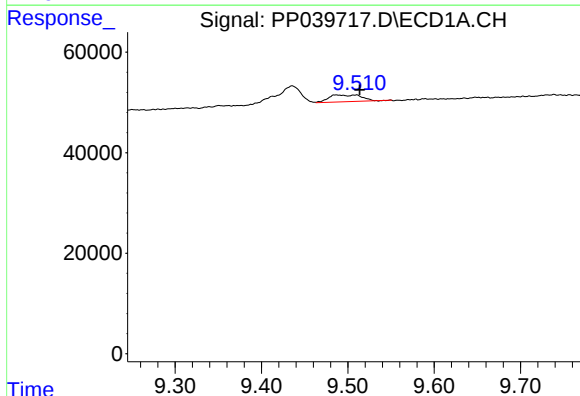
R.T.: 9.436 min  
Delta R.T.: 0.019 min  
Response: 69146  
Conc: 25.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



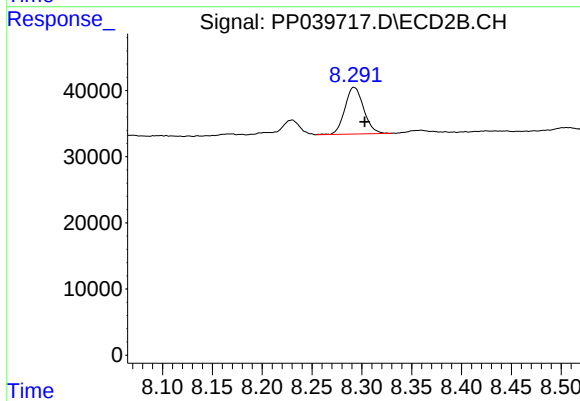
#41 AR-1268-1

R.T.: 8.230 min  
Delta R.T.: -0.009 min  
Response: 29779  
Conc: 10.21 ng/ml



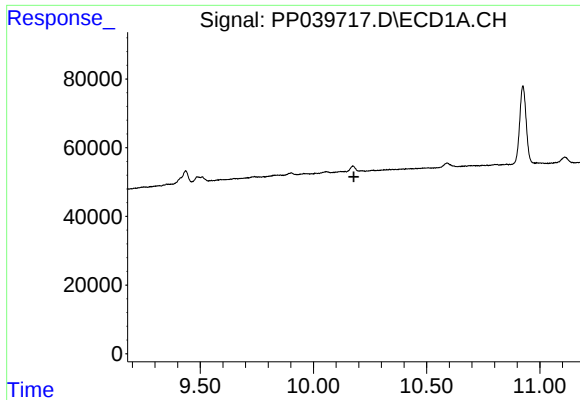
#42 AR-1268-2

R.T.: 9.510 min  
Delta R.T.: -0.004 min  
Response: 35490  
Conc: 13.78 ng/ml



#42 AR-1268-2

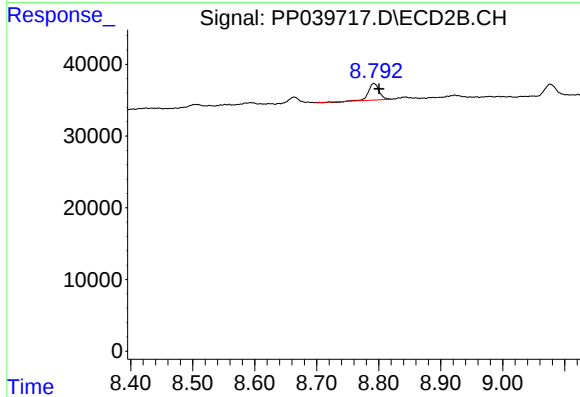
R.T.: 8.292 min  
Delta R.T.: -0.011 min  
Response: 92469  
Conc: 34.69 ng/ml



#44 AR-1268-4

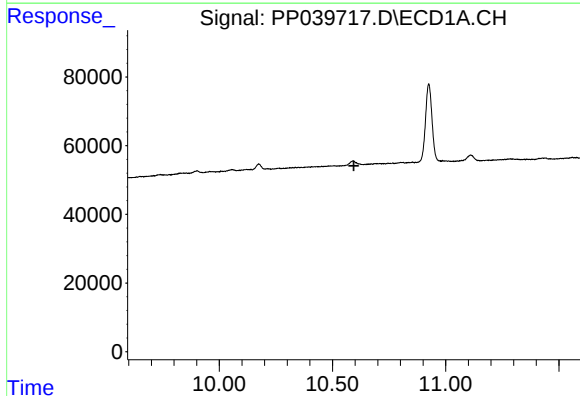
R.T.: 0.000 min  
Exp R.T. : 10.179 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
MW-23-20210929-0-1



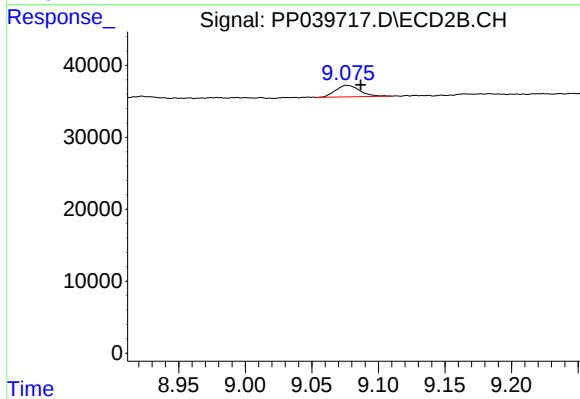
#44 AR-1268-4

R.T.: 8.792 min  
Delta R.T.: -0.008 min  
Response: 26370  
Conc: 25.62 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 10.594 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.077 min  
Delta R.T.: -0.010 min  
Response: 20235  
Conc: 2.76 ng/ml