

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR070819\  
 Data File : PR039098.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2019 11:38  
 Operator : SM\AJ  
 Sample : K3624-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 PL-01-070319-A

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 13:38:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR070119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jul 01 17:21:12 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|--------|----------|----------|---------|----------|
| -----                       |                 |       |        |          |          |         |          |
| System Monitoring Compounds |                 |       |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.768 | 4.613  | 37994144 | 120.4E6  | 22.179  | 18.888   |
| 2)                          | SA Decachlor... | 8.710 | 10.352 | 25134770 | 91852426 | 10.870  | 11.893   |
| Target Compounds            |                 |       |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 4.766 | 0.000  | 793261   | 0        | 11.460  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.133 | 5.925  | 1179019  | 3686748  | 28.071  | 21.317   |
| 7)                          | L1 AR-1016-5    | 5.227 | 6.201  | 2732913  | 16514210 | 47.475  | 94.664 # |
| 14)                         | L3 AR-1232-4    | 5.133 | 5.925  | 1179019  | 3686748  | 66.255  | 57.792   |
| 15)                         | L3 AR-1232-5    | 5.227 | 0.000  | 2732913  | 0        | 138.424 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 4.766 | 0.000  | 793261   | 0        | 14.367  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.133 | 5.925  | 1179019  | 3686748  | 27.462  | 26.109   |
| 20)                         | L4 AR-1242-5    | 5.623 | 6.653  | 3598591  | 8735864  | 59.940  | 53.006   |
| 21)                         | L5 AR-1248-1    | 4.766 | 0.000  | 793261   | 0        | 17.804  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.133 | 0.000  | 1179019  | 0        | 19.707  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 5.133 | 6.201  | 1179019  | 16514210 | 18.749  | 70.122 # |
| 24)                         | L5 AR-1248-4    | 5.227 | 6.626  | 2732913  | 5737446  | 34.929  | 19.886 # |
| 25)                         | L5 AR-1248-5    | 5.623 | 6.653  | 3598591  | 8735864  | 42.969  | 31.909 # |
| 26)                         | L6 AR-1254-1    | 5.623 | 6.626  | 3598591  | 5737446  | 34.526  | 25.271 # |
| 27)                         | L6 AR-1254-2    | 5.766 | 6.825  | 1265593  | 13202154 | 13.876  | 36.868 # |
| 28)                         | L6 AR-1254-3    | 6.164 | 7.192  | 6985298  | 14739444 | 44.439  | 36.065   |
| 29)                         | L6 AR-1254-4    | 6.387 | 7.471  | 462640   | 4933921  | 4.437   | 15.861 # |
| 30)                         | L6 AR-1254-5    | 6.800 | 7.887  | 4945690  | 14546256 | 34.732  | 43.819 # |
| 31)                         | L7 AR-1260-1    | 6.291 | 7.349  | 3131158  | 7436219  | 26.658  | 22.713   |
| 32)                         | L7 AR-1260-2    | 6.476 | 7.602  | 2827779  | 7767099  | 18.965  | 19.319   |
| 33)                         | L7 AR-1260-3    | 6.627 | 7.957  | 3280817  | 4662010  | 24.164  | 14.947 # |
| 34)                         | L7 AR-1260-4    | 7.094 | 8.184  | 1637676  | 10441408 | 13.960  | 28.885 # |
| 35)                         | L7 AR-1260-5    | 7.330 | 8.513  | 5308454  | 8502938  | 17.914  | 11.136 # |
| 36)                         | L8 AR-1262-1    | 6.888 | 7.957  | 1146496  | 4662010  | 15.906  | 9.500 #  |
| 37)                         | L8 AR-1262-2    | 7.330 | 8.513  | 5308454  | 8502938  | 14.634  | 8.901 #  |
| 38)                         | L8 AR-1262-3    | 7.610 | 8.850  | 620064   | 7004956  | 4.612   | 11.386 # |
| 39)                         | L8 AR-1262-4    | 7.673 | 0.000  | 2539718  | 0        | 9.764   | N.D. #   |
| 40)                         | L8 AR-1262-5    | 8.165 | 0.000  | 478816   | 0        | 3.921   | N.D. #   |
| 41)                         | L9 AR-1268-1    | 7.610 | 8.850  | 620064   | 7004956  | 1.625   | 6.784 #  |
| 42)                         | L9 AR-1268-2    | 7.673 | 0.000  | 2539718  | 0        | 7.215   | N.D. #   |
| 44)                         | L9 AR-1268-4    | 8.165 | 0.000  | 478816   | 0        | 3.809   | N.D. #   |
| 45)                         | L9 AR-1268-5    | 8.398 | 0.000  | 61657    | 0        | 0.064   | N.D. #   |
| -----                       |                 |       |        |          |          |         |          |

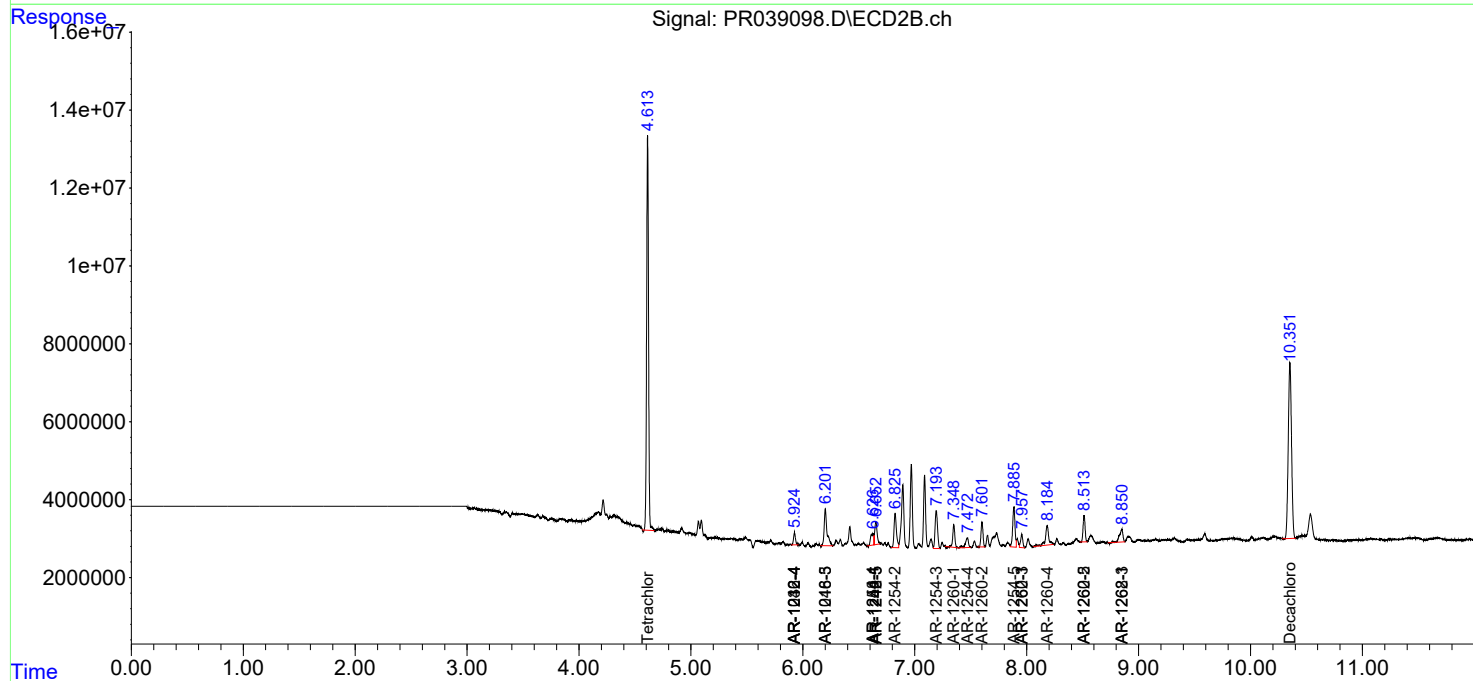
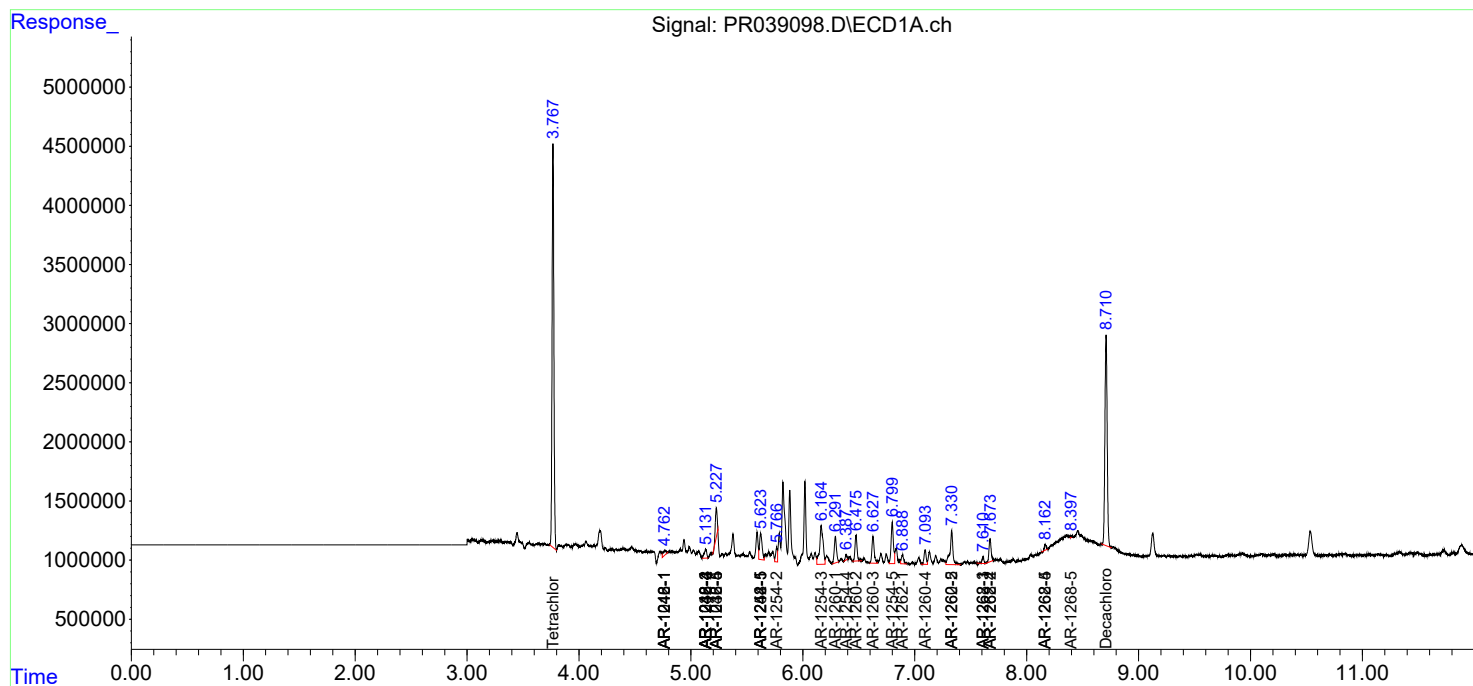
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

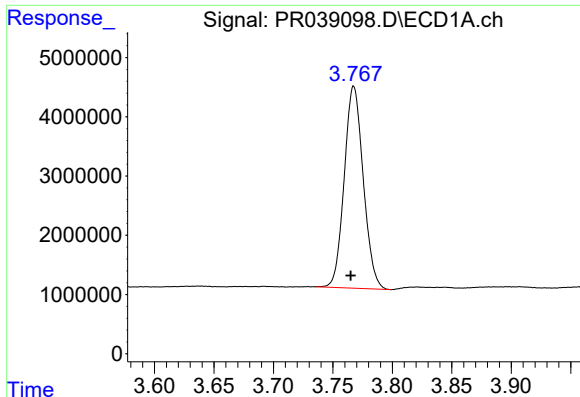
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR070819\  
Data File : PR039098.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2019 11:38  
Operator : SM\AJ  
Sample : K3624-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 13:38:20 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR070119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jul 01 17:21:12 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

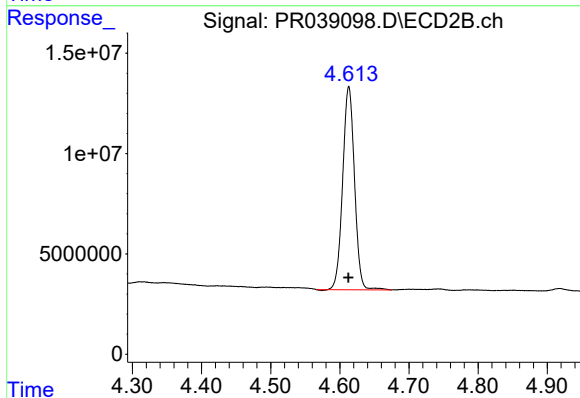




#1 Tetrachloro-m-xylene

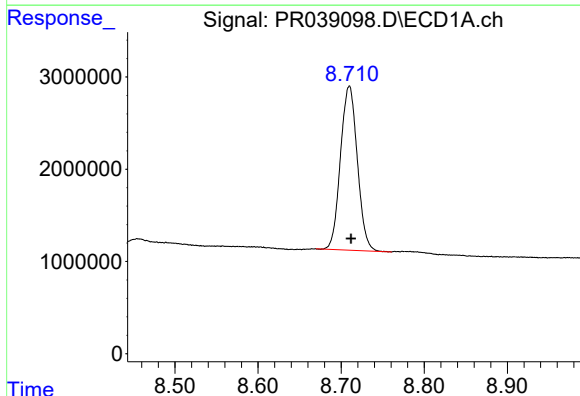
R.T.: 3.768 min  
Delta R.T.: 0.003 min  
Response: 37994144  
Conc: 22.18 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



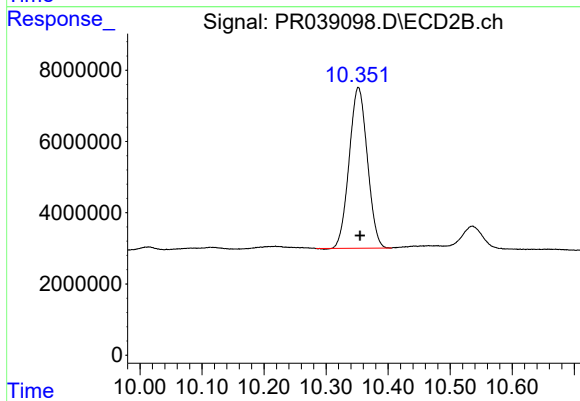
#1 Tetrachloro-m-xylene

R.T.: 4.613 min  
Delta R.T.: 0.000 min  
Response: 120407206  
Conc: 18.89 ng/ml



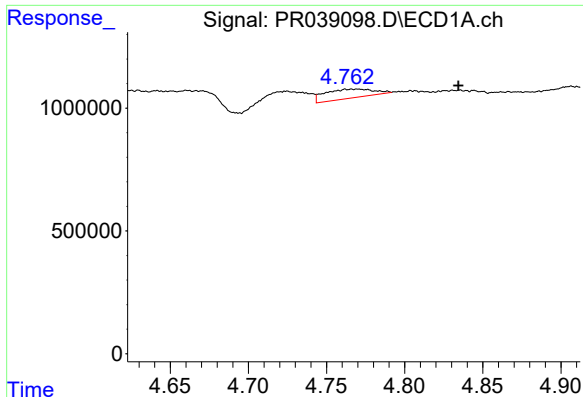
#2 Decachlorobiphenyl

R.T.: 8.710 min  
Delta R.T.: -0.002 min  
Response: 25134770  
Conc: 10.87 ng/ml



#2 Decachlorobiphenyl

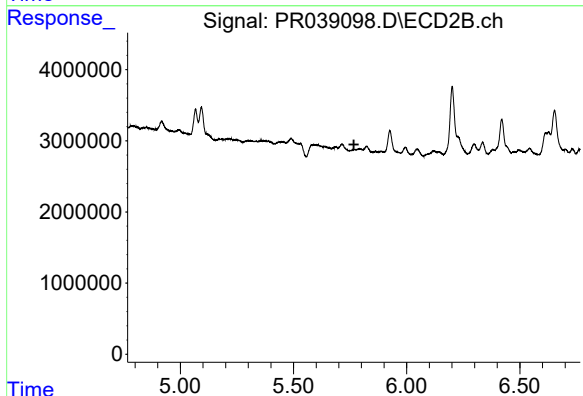
R.T.: 10.352 min  
Delta R.T.: -0.003 min  
Response: 91852426  
Conc: 11.89 ng/ml



#3 AR-1016-1

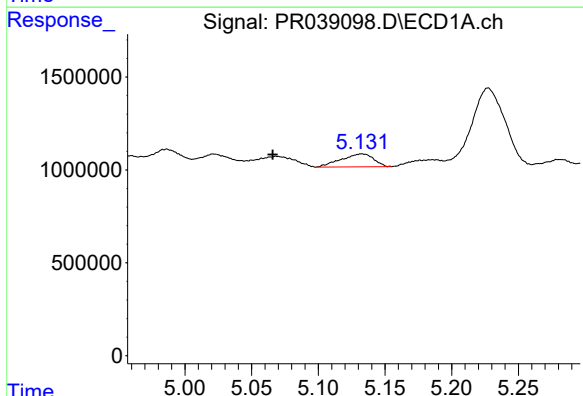
R.T.: 4.766 min  
Delta R.T.: -0.068 min  
Response: 793261  
Conc: 11.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



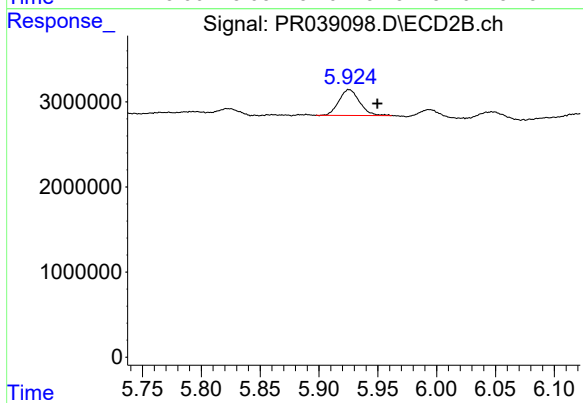
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.767 min  
Response: 0  
Conc: N.D.



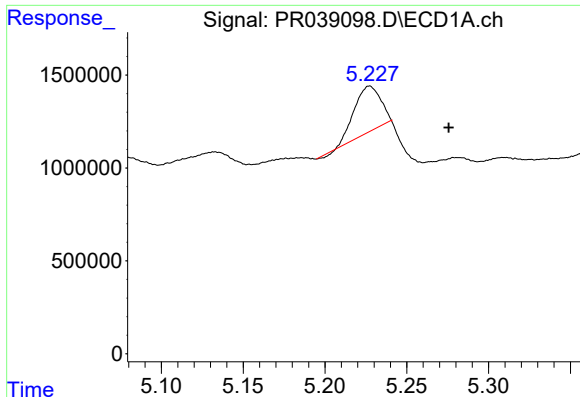
#6 AR-1016-4

R.T.: 5.133 min  
Delta R.T.: 0.067 min  
Response: 1179019  
Conc: 28.07 ng/ml



#6 AR-1016-4

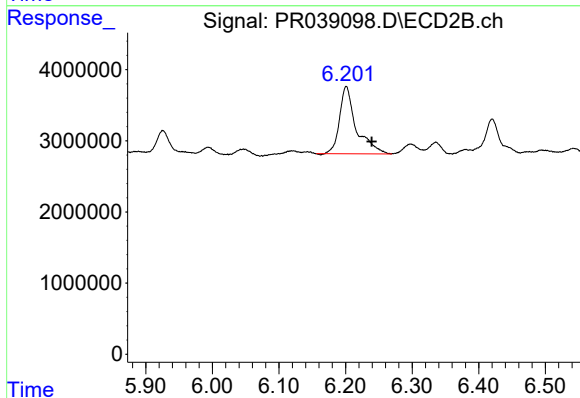
R.T.: 5.925 min  
Delta R.T.: -0.024 min  
Response: 3686748  
Conc: 21.32 ng/ml



#7 AR-1016-5

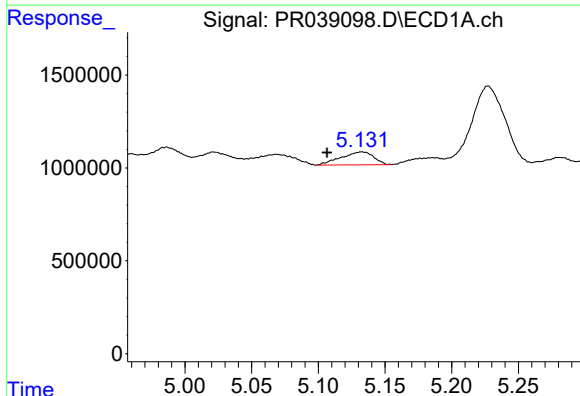
R.T.: 5.227 min  
Delta R.T.: -0.048 min  
Response: 2732913  
Conc: 47.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



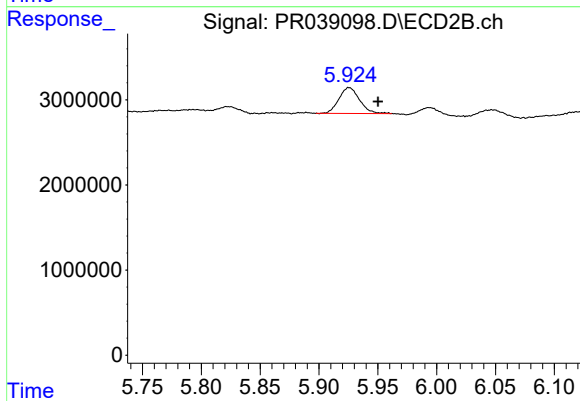
#7 AR-1016-5

R.T.: 6.201 min  
Delta R.T.: -0.038 min  
Response: 16514210  
Conc: 94.66 ng/ml



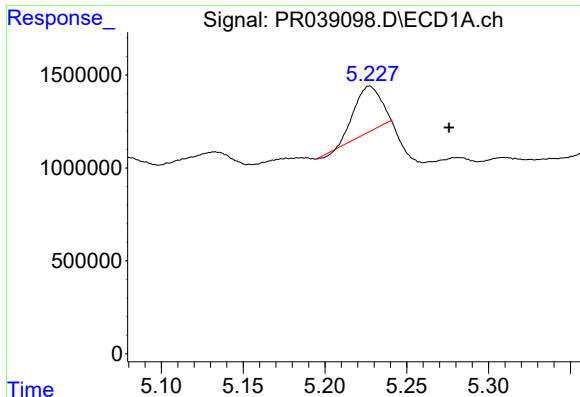
#14 AR-1232-4

R.T.: 5.133 min  
Delta R.T.: 0.026 min  
Response: 1179019  
Conc: 66.25 ng/ml



#14 AR-1232-4

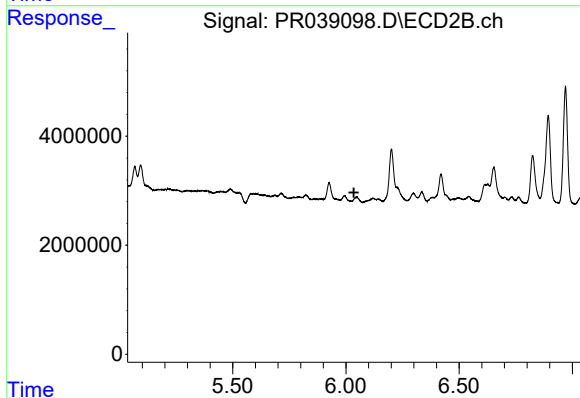
R.T.: 5.925 min  
Delta R.T.: -0.025 min  
Response: 3686748  
Conc: 57.79 ng/ml



#15 AR-1232-5

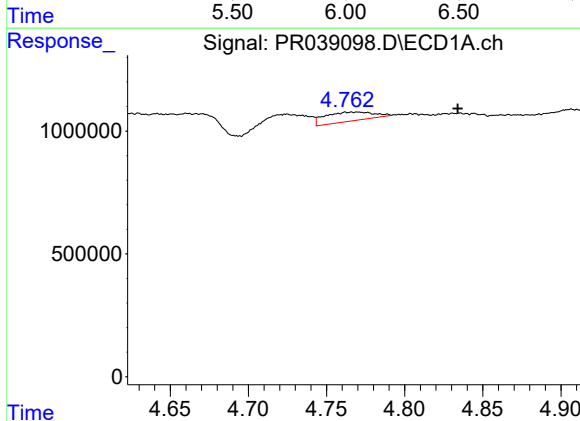
R.T.: 5.227 min  
Delta R.T.: -0.049 min  
Response: 2732913  
Conc: 138.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



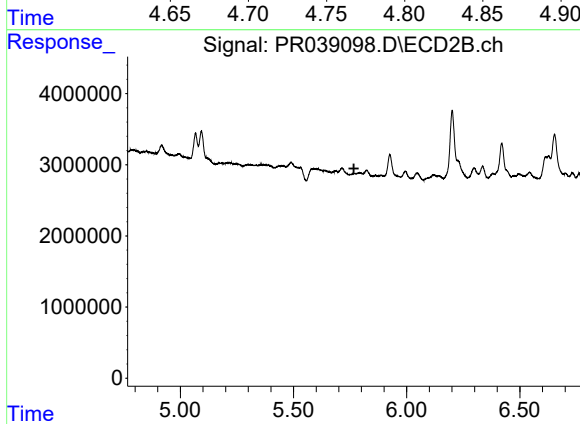
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.035 min  
Response: 0  
Conc: N.D.



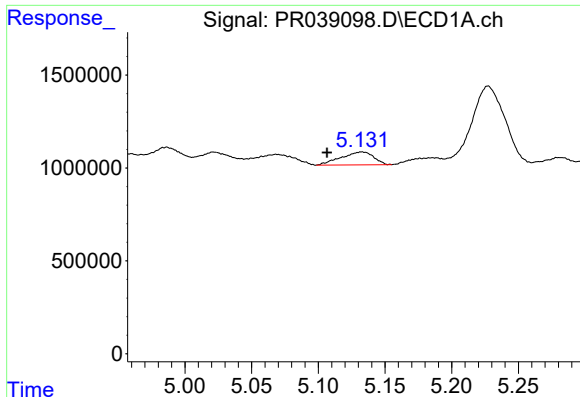
#16 AR-1242-1

R.T.: 4.766 min  
Delta R.T.: -0.068 min  
Response: 793261  
Conc: 14.37 ng/ml



#16 AR-1242-1

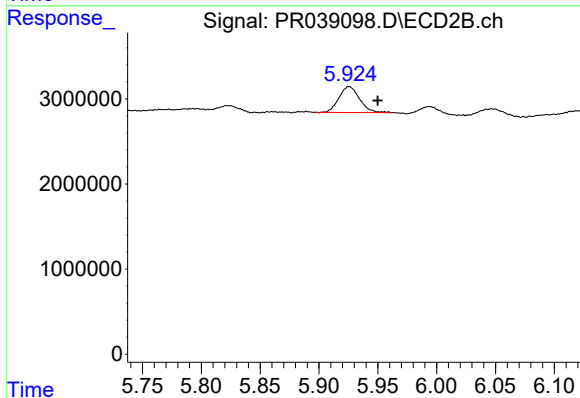
R.T.: 0.000 min  
Exp R.T. : 5.767 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

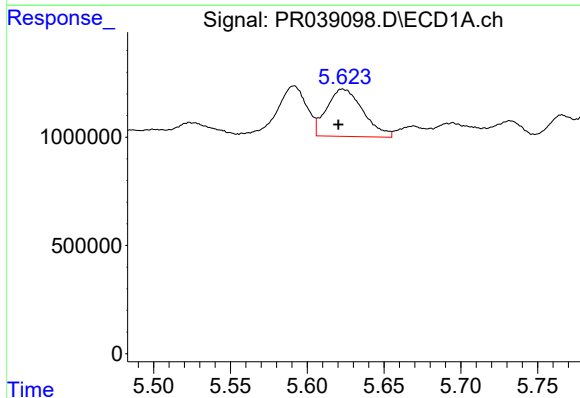
R.T.: 5.133 min  
Delta R.T.: 0.026 min  
Response: 1179019  
Conc: 27.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



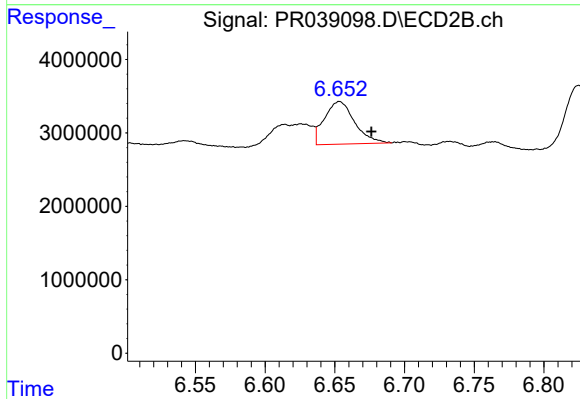
#19 AR-1242-4

R.T.: 5.925 min  
Delta R.T.: -0.024 min  
Response: 3686748  
Conc: 26.11 ng/ml



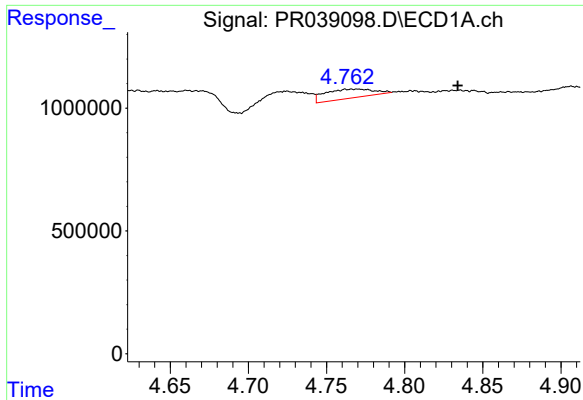
#20 AR-1242-5

R.T.: 5.623 min  
Delta R.T.: 0.003 min  
Response: 3598591  
Conc: 59.94 ng/ml



#20 AR-1242-5

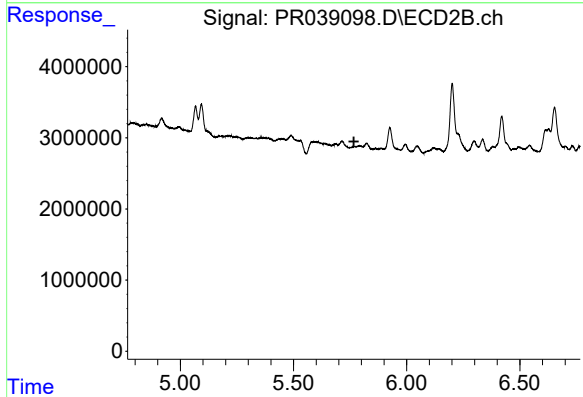
R.T.: 6.653 min  
Delta R.T.: -0.023 min  
Response: 8735864  
Conc: 53.01 ng/ml



#21 AR-1248-1

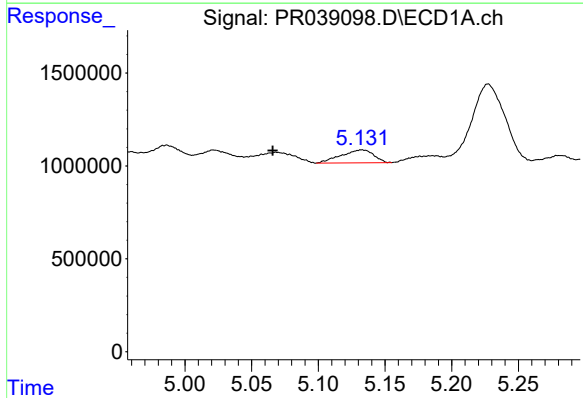
R.T.: 4.766 min  
Delta R.T.: -0.068 min  
Response: 793261  
Conc: 17.80 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



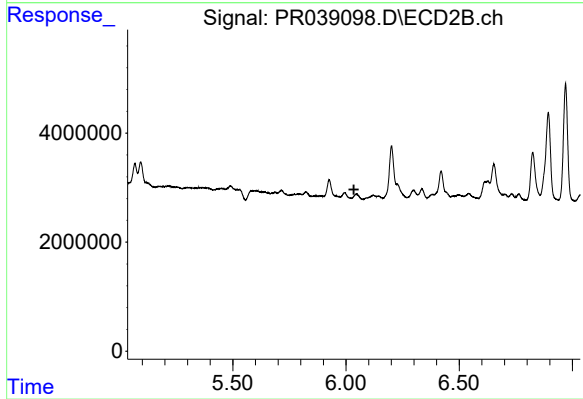
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.767 min  
Response: 0  
Conc: N.D.



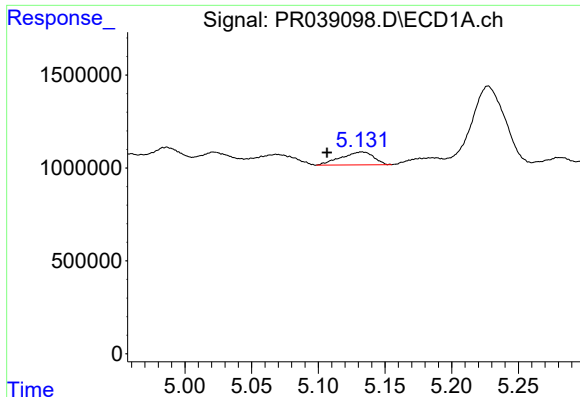
#22 AR-1248-2

R.T.: 5.133 min  
Delta R.T.: 0.067 min  
Response: 1179019  
Conc: 19.71 ng/ml



#22 AR-1248-2

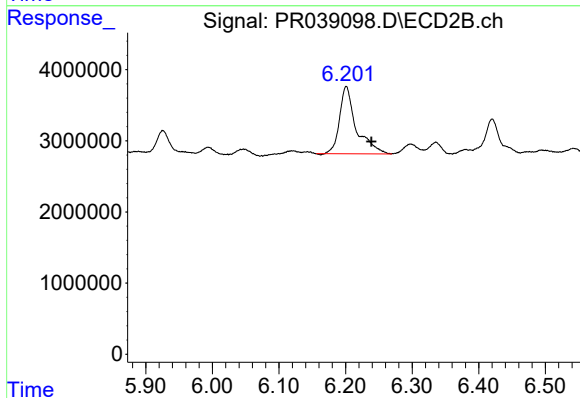
R.T.: 0.000 min  
Exp R.T. : 6.035 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

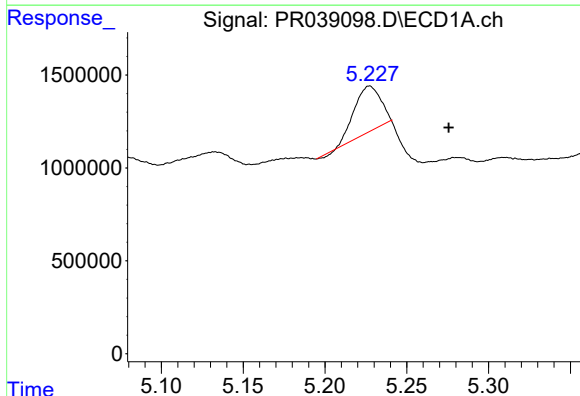
R.T.: 5.133 min  
Delta R.T.: 0.026 min  
Response: 1179019  
Conc: 18.75 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



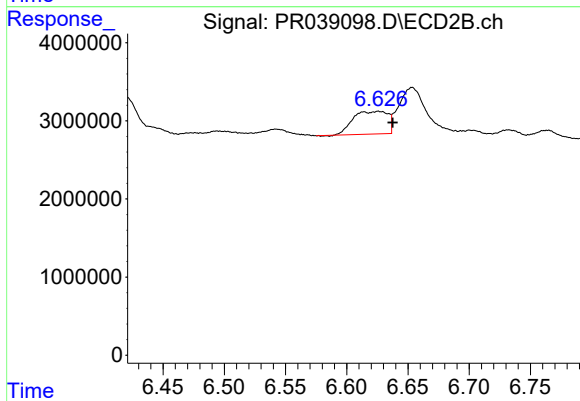
#23 AR-1248-3

R.T.: 6.201 min  
Delta R.T.: -0.038 min  
Response: 16514210  
Conc: 70.12 ng/ml



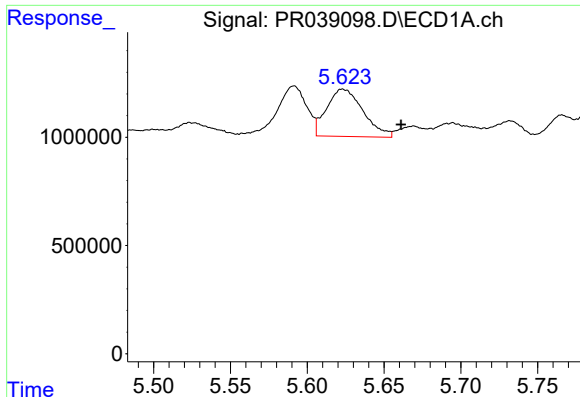
#24 AR-1248-4

R.T.: 5.227 min  
Delta R.T.: -0.048 min  
Response: 2732913  
Conc: 34.93 ng/ml



#24 AR-1248-4

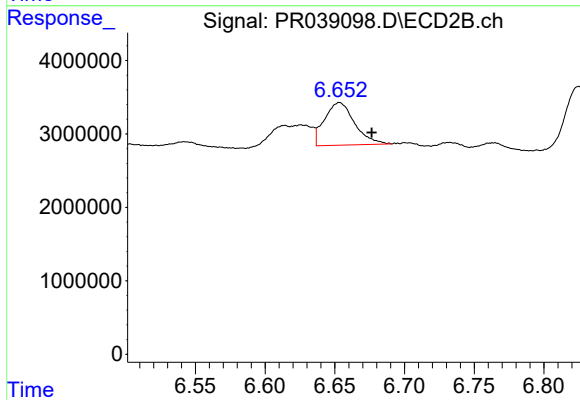
R.T.: 6.626 min  
Delta R.T.: -0.012 min  
Response: 5737446  
Conc: 19.89 ng/ml



#25 AR-1248-5

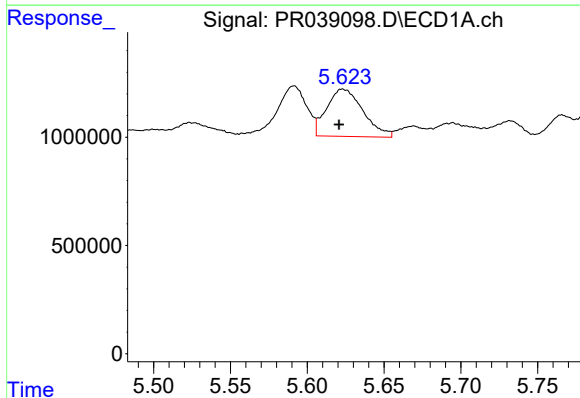
R.T.: 5.623 min  
Delta R.T.: -0.038 min  
Response: 3598591  
Conc: 42.97 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



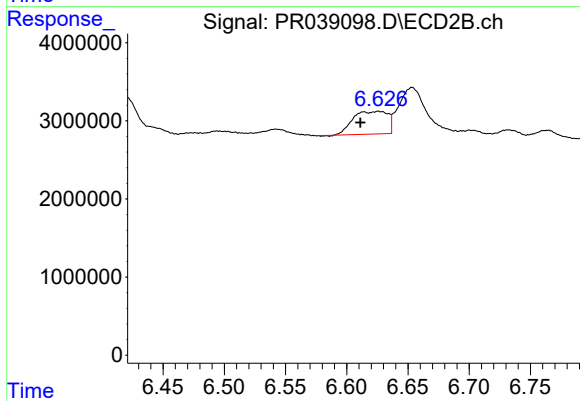
#25 AR-1248-5

R.T.: 6.653 min  
Delta R.T.: -0.023 min  
Response: 8735864  
Conc: 31.91 ng/ml



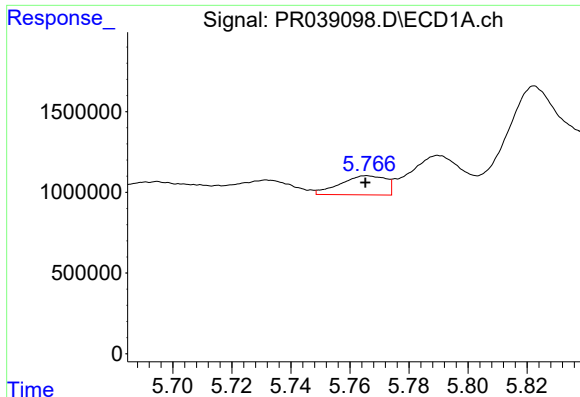
#26 AR-1254-1

R.T.: 5.623 min  
Delta R.T.: 0.002 min  
Response: 3598591  
Conc: 34.53 ng/ml



#26 AR-1254-1

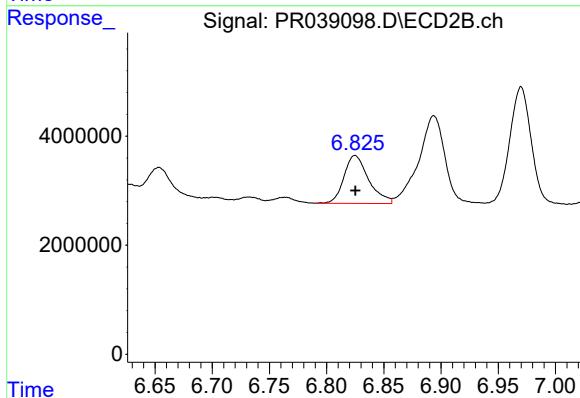
R.T.: 6.626 min  
Delta R.T.: 0.015 min  
Response: 5737446  
Conc: 25.27 ng/ml



#27 AR-1254-2

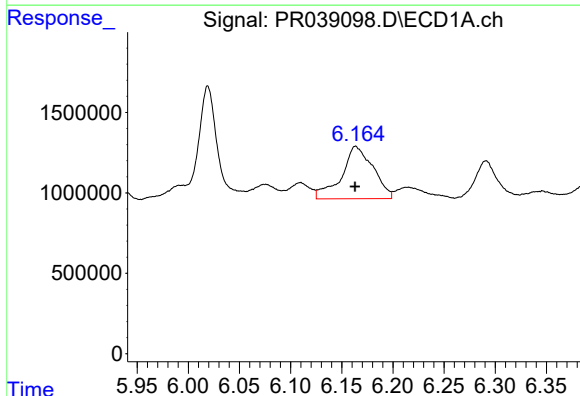
R.T.: 5.766 min  
Delta R.T.: 0.000 min  
Response: 1265593  
Conc: 13.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



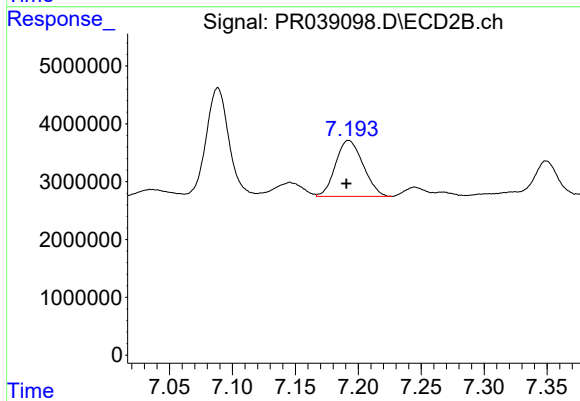
#27 AR-1254-2

R.T.: 6.825 min  
Delta R.T.: 0.000 min  
Response: 13202154  
Conc: 36.87 ng/ml



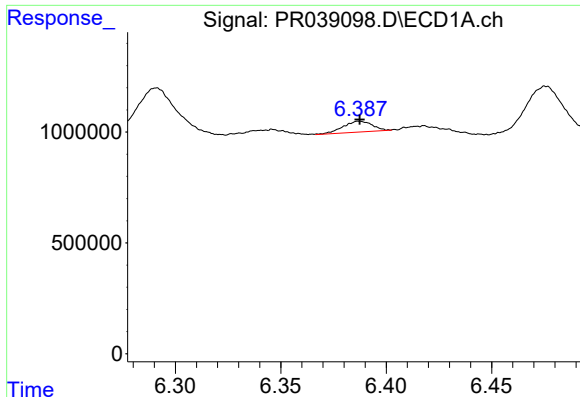
#28 AR-1254-3

R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 6985298  
Conc: 44.44 ng/ml



#28 AR-1254-3

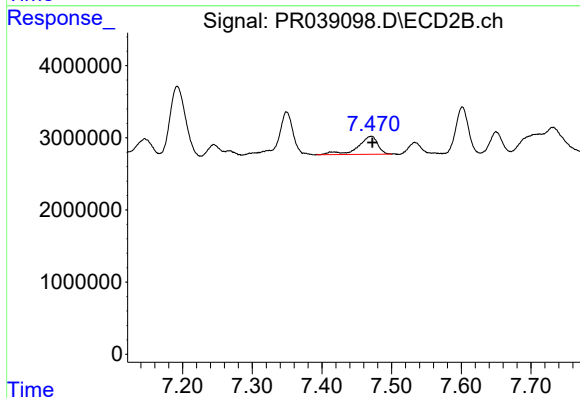
R.T.: 7.192 min  
Delta R.T.: 0.002 min  
Response: 14739444  
Conc: 36.07 ng/ml



#29 AR-1254-4

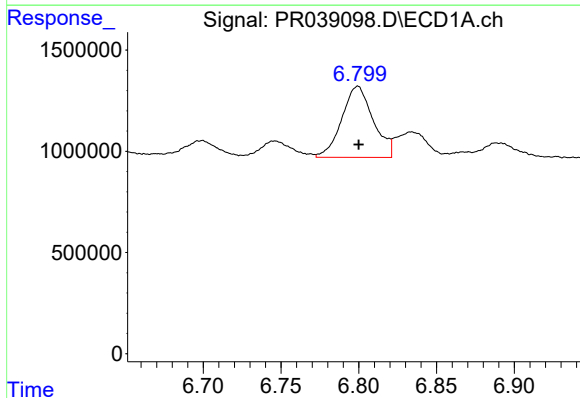
R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 462640  
Conc: 4.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



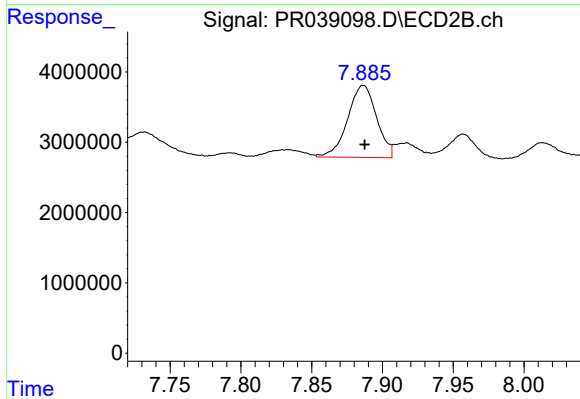
#29 AR-1254-4

R.T.: 7.471 min  
Delta R.T.: -0.002 min  
Response: 4933921  
Conc: 15.86 ng/ml



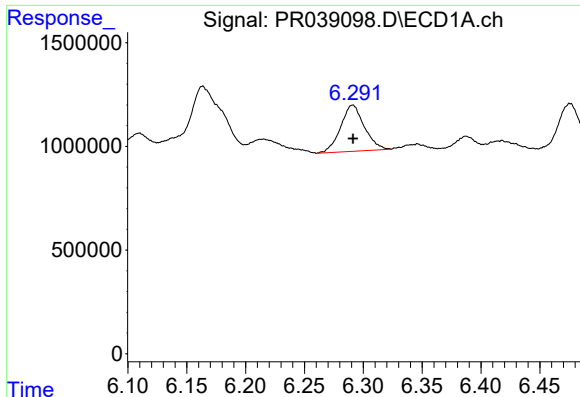
#30 AR-1254-5

R.T.: 6.800 min  
Delta R.T.: 0.000 min  
Response: 4945690  
Conc: 34.73 ng/ml



#30 AR-1254-5

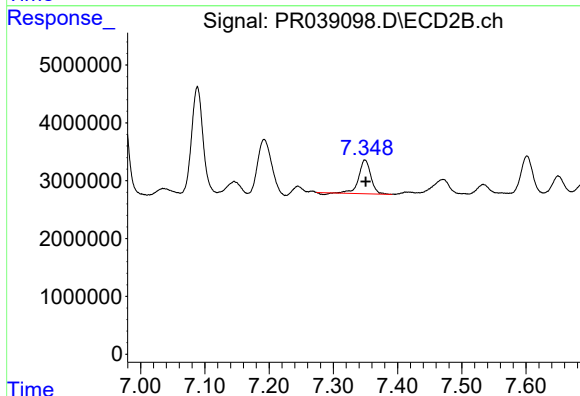
R.T.: 7.887 min  
Delta R.T.: 0.000 min  
Response: 14546256  
Conc: 43.82 ng/ml



#31 AR-1260-1

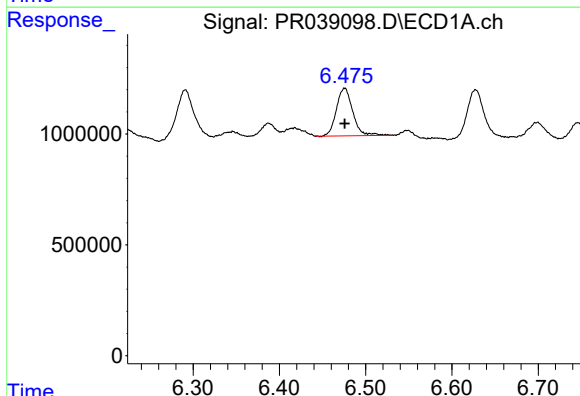
R.T.: 6.291 min  
Delta R.T.: 0.000 min  
Response: 3131158  
Conc: 26.66 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



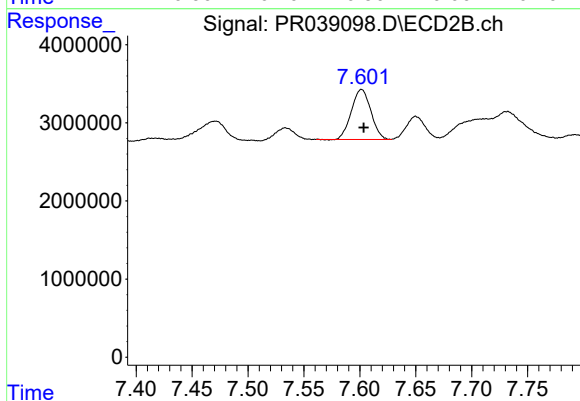
#31 AR-1260-1

R.T.: 7.349 min  
Delta R.T.: -0.001 min  
Response: 7436219  
Conc: 22.71 ng/ml



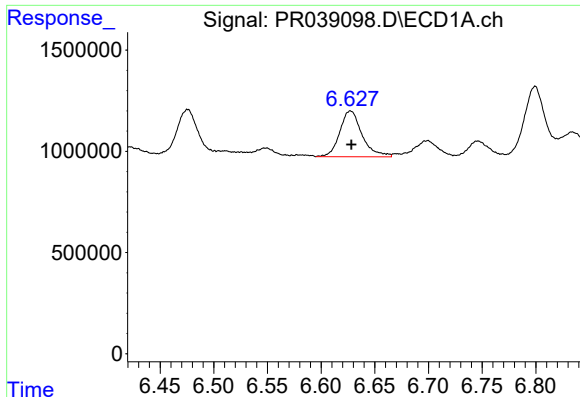
#32 AR-1260-2

R.T.: 6.476 min  
Delta R.T.: 0.000 min  
Response: 2827779  
Conc: 18.96 ng/ml



#32 AR-1260-2

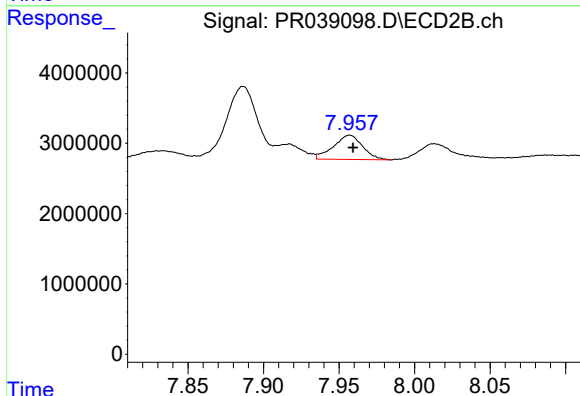
R.T.: 7.602 min  
Delta R.T.: -0.002 min  
Response: 7767099  
Conc: 19.32 ng/ml



#33 AR-1260-3

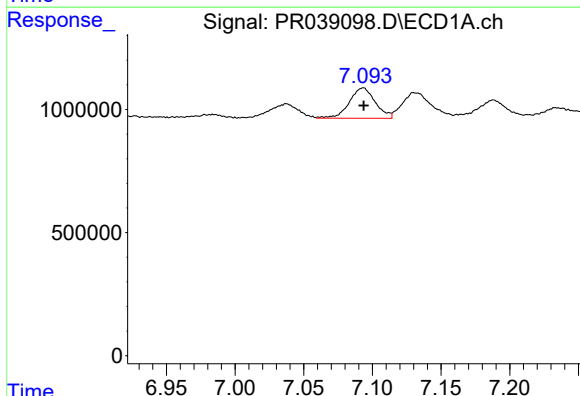
R.T.: 6.627 min  
Delta R.T.: 0.000 min  
Response: 3280817  
Conc: 24.16 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



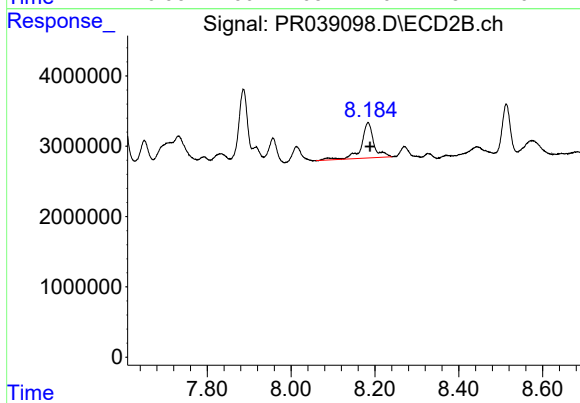
#33 AR-1260-3

R.T.: 7.957 min  
Delta R.T.: -0.002 min  
Response: 4662010  
Conc: 14.95 ng/ml



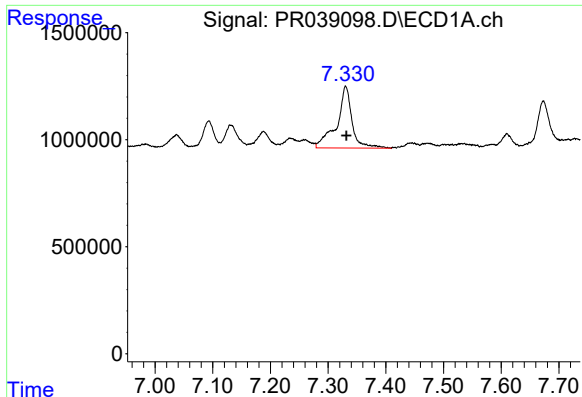
#34 AR-1260-4

R.T.: 7.094 min  
Delta R.T.: 0.000 min  
Response: 1637676  
Conc: 13.96 ng/ml



#34 AR-1260-4

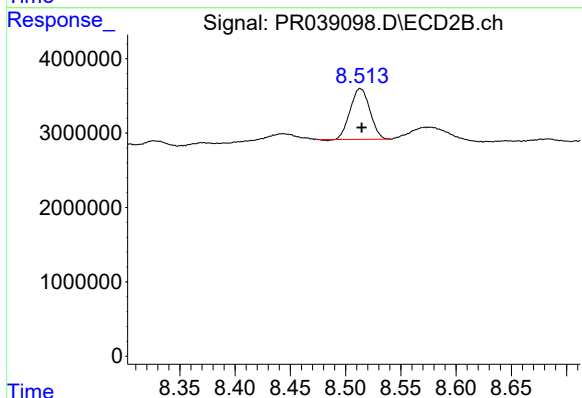
R.T.: 8.184 min  
Delta R.T.: -0.005 min  
Response: 10441408  
Conc: 28.89 ng/ml



#35 AR-1260-5

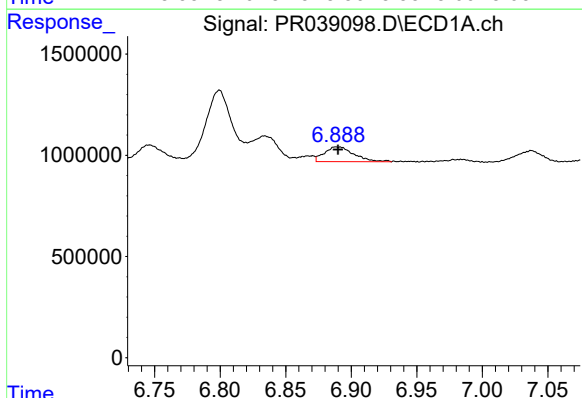
R.T.: 7.330 min  
Delta R.T.: -0.002 min  
Response: 5308454  
Conc: 17.91 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



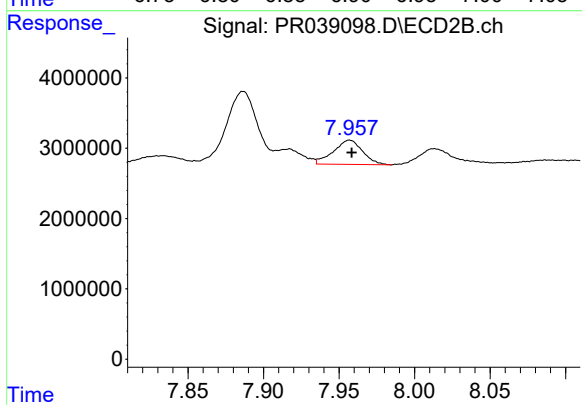
#35 AR-1260-5

R.T.: 8.513 min  
Delta R.T.: -0.001 min  
Response: 8502938  
Conc: 11.14 ng/ml



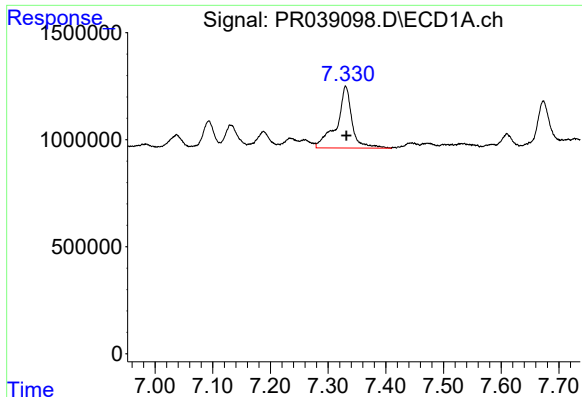
#36 AR-1262-1

R.T.: 6.888 min  
Delta R.T.: -0.002 min  
Response: 1146496  
Conc: 15.91 ng/ml



#36 AR-1262-1

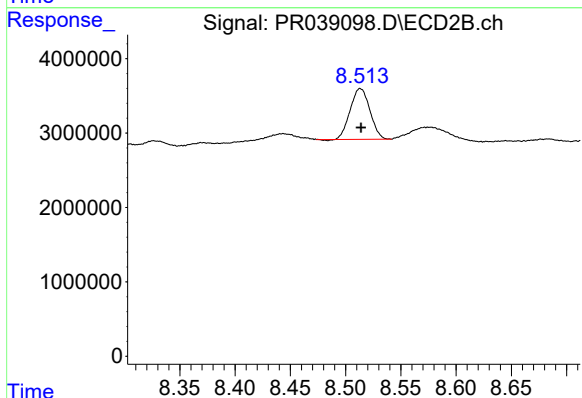
R.T.: 7.957 min  
Delta R.T.: -0.001 min  
Response: 4662010  
Conc: 9.50 ng/ml



#37 AR-1262-2

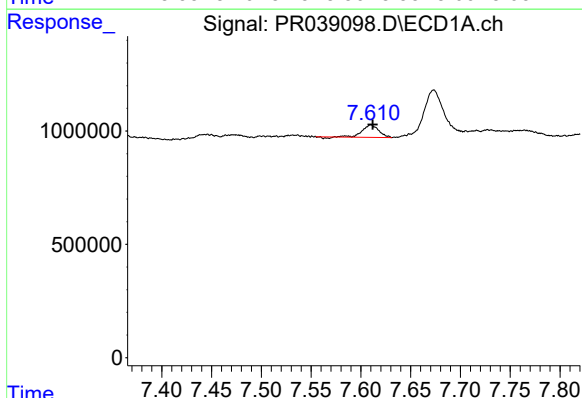
R.T.: 7.330 min  
Delta R.T.: -0.002 min  
Response: 5308454  
Conc: 14.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



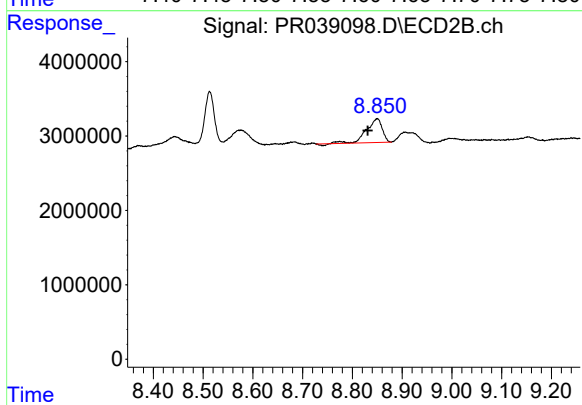
#37 AR-1262-2

R.T.: 8.513 min  
Delta R.T.: 0.000 min  
Response: 8502938  
Conc: 8.90 ng/ml



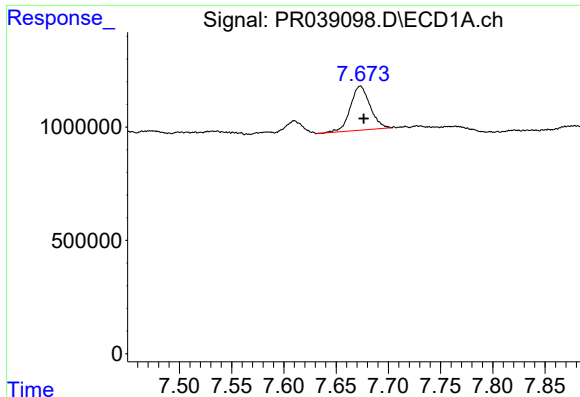
#38 AR-1262-3

R.T.: 7.610 min  
Delta R.T.: -0.002 min  
Response: 620064  
Conc: 4.61 ng/ml



#38 AR-1262-3

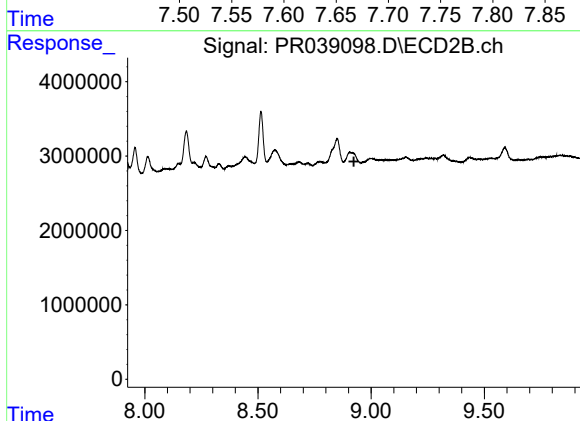
R.T.: 8.850 min  
Delta R.T.: 0.020 min  
Response: 7004956  
Conc: 11.39 ng/ml



#39 AR-1262-4

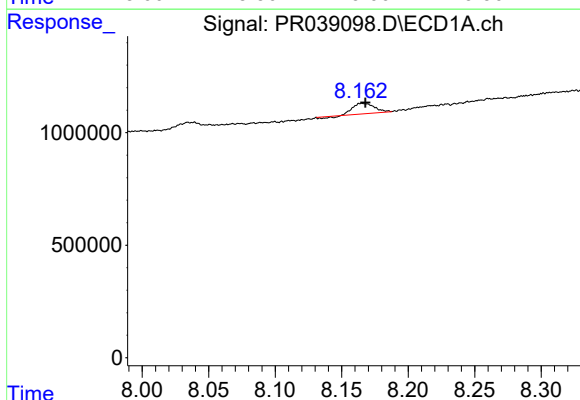
R.T.: 7.673 min  
Delta R.T.: -0.003 min  
Response: 2539718  
Conc: 9.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



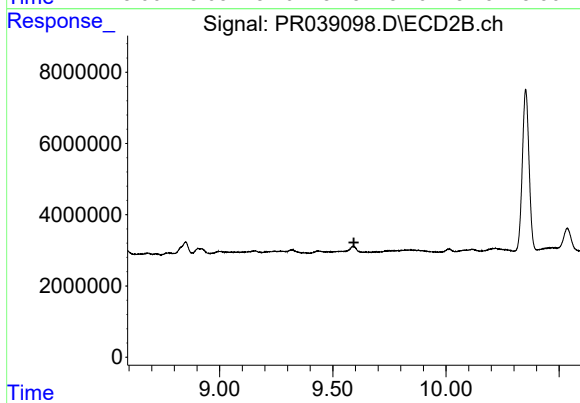
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.924 min  
Response: 0  
Conc: N.D.



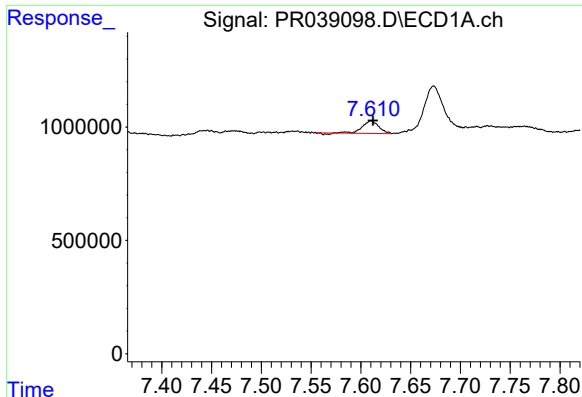
#40 AR-1262-5

R.T.: 8.165 min  
Delta R.T.: -0.003 min  
Response: 478816  
Conc: 3.92 ng/ml



#40 AR-1262-5

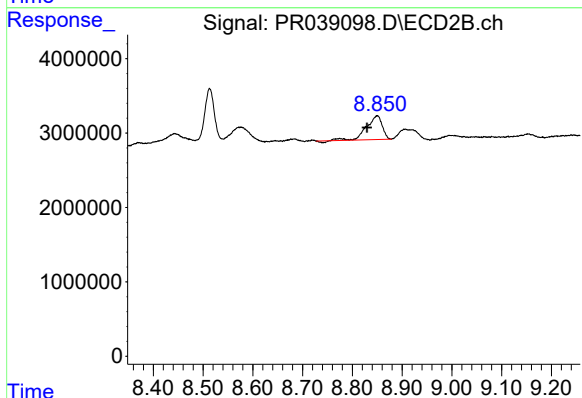
R.T.: 0.000 min  
Exp R.T. : 9.593 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

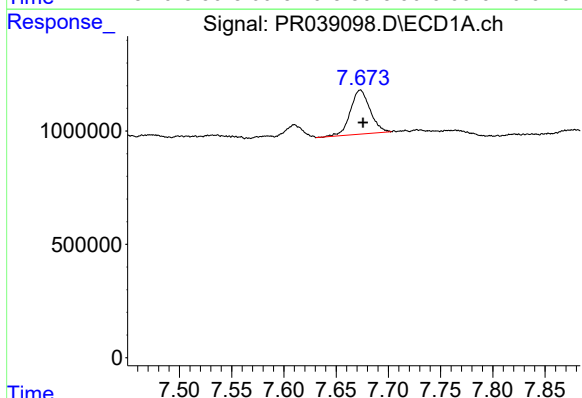
R.T.: 7.610 min  
Delta R.T.: -0.002 min  
Response: 620064  
Conc: 1.62 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



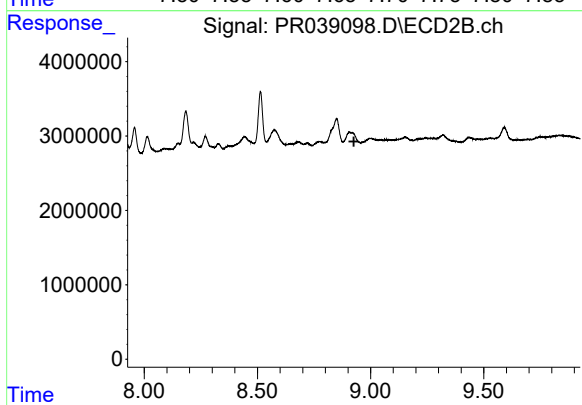
#41 AR-1268-1

R.T.: 8.850 min  
Delta R.T.: 0.021 min  
Response: 7004956  
Conc: 6.78 ng/ml



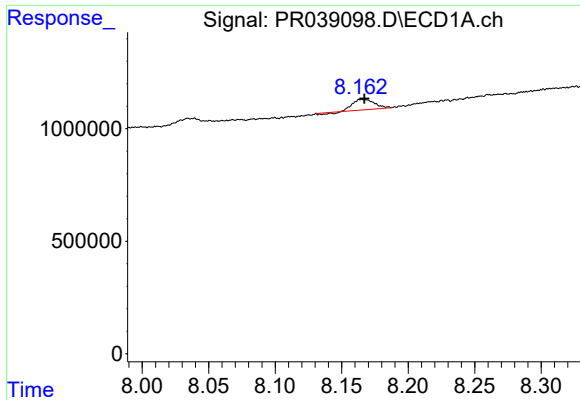
#42 AR-1268-2

R.T.: 7.673 min  
Delta R.T.: -0.003 min  
Response: 2539718  
Conc: 7.22 ng/ml



#42 AR-1268-2

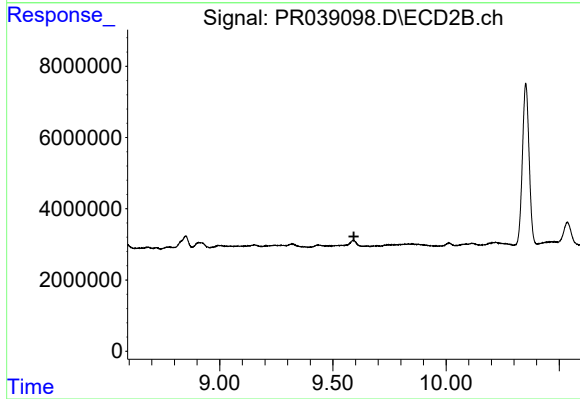
R.T.: 0.000 min  
Exp R.T.: 8.926 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

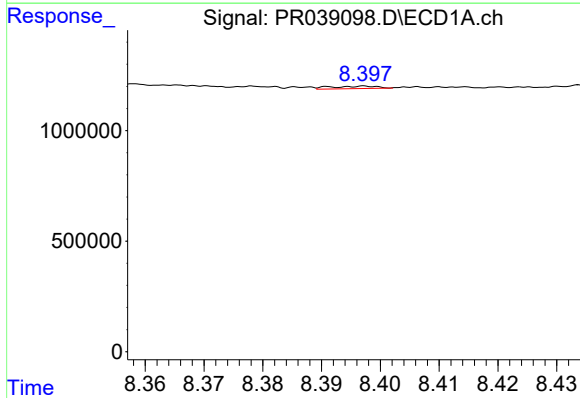
R.T.: 8.165 min  
Delta R.T.: -0.002 min  
Response: 478816  
Conc: 3.81 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PL-01-070319-A



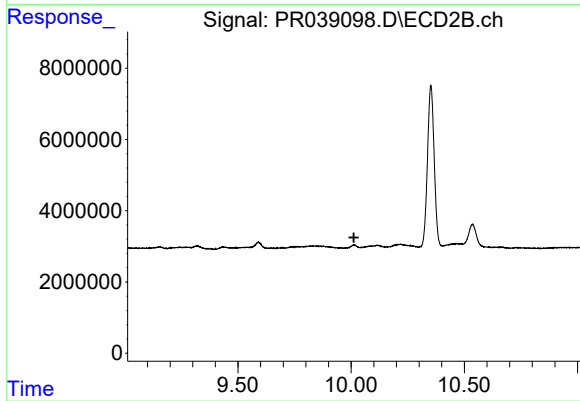
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 9.593 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.398 min  
Delta R.T.: -0.061 min  
Response: 61657  
Conc: 0.06 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 10.012 min  
Response: 0  
Conc: N.D.