

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR070219\  
 Data File : PR039031.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jul 2019 17:44  
 Operator : SM\AJ  
 Sample : K3601-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 03 01:14:13 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... | 3.763 | 4.610  | 40915514 | 140.4E6  | 23.884  | 22.019    |
| 2)                          | SA Decachlor... | 8.710 | 10.353 | 29217013 | 160.4E6  | 12.635  | 20.768 #  |
| Target Compounds            |                 |       |        |          |          |         |           |
| 6)                          | L1 AR-1016-4    | 5.132 | 0.000  | 1095398  | 0        | 26.080  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 3.965 | 0.000  | 1049389  | 0        | 63.661  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 4.061 | 0.000  | 805127   | 0        | 63.686  | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.177 | 0.000  | 5064938  | 0        | 124.088 | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.177 | 0.000  | 5064938  | 0        | 148.192 | N.D. #    |
| 14)                         | L3 AR-1232-4    | 5.132 | 0.000  | 1095398  | 0        | 61.556  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.132 | 0.000  | 1095398  | 0        | 25.514  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 5.593 | 0.000  | 941717   | 0        | 15.686  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.132 | 0.000  | 1095398  | 0        | 18.309  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 5.132 | 0.000  | 1095398  | 0        | 17.419  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 0.000 | 6.602  | 0        | 4809522  | N.D.    | 16.670 #  |
| 25)                         | L5 AR-1248-5    | 5.728 | 0.000  | 2189515  | 0        | 26.144  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 5.593 | 6.602  | 941717   | 4809522  | 9.035   | 21.184 #  |
| 27)                         | L6 AR-1254-2    | 5.728 | 6.874  | 2189515  | 6800334  | 24.005  | 18.990    |
| 28)                         | L6 AR-1254-3    | 6.160 | 7.206  | 1088042  | 3260020  | 6.922   | 7.977     |
| 29)                         | L6 AR-1254-4    | 6.387 | 7.460  | 2335898  | 34182517 | 22.401  | 109.885 # |
| 30)                         | L6 AR-1254-5    | 6.799 | 7.890  | 5745766  | 7408759  | 40.351  | 22.318 #  |
| 31)                         | L7 AR-1260-1    | 6.293 | 0.000  | 1944335  | 0        | 16.554  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 6.479 | 7.599  | 3789751  | 14719080 | 25.416  | 36.611 #  |
| 33)                         | L7 AR-1260-3    | 6.629 | 7.908  | 2383866  | 5797232  | 17.558  | 18.587    |
| 34)                         | L7 AR-1260-4    | 7.096 | 8.181  | 942718   | 4981460  | 8.036   | 13.781 #  |
| 35)                         | L7 AR-1260-5    | 7.331 | 8.488  | 5943471  | 14463272 | 20.056  | 18.942    |
| 36)                         | L8 AR-1262-1    | 0.000 | 7.908  | 0        | 5797232  | N.D.    | 11.813 #  |
| 37)                         | L8 AR-1262-2    | 7.331 | 8.488  | 5943471  | 14463272 | 16.385  | 15.140    |
| 38)                         | L8 AR-1262-3    | 7.611 | 0.000  | 763487   | 0        | 5.679   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 7.647 | 0.000  | 724838   | 0        | 2.787   | N.D. #    |
| 40)                         | L8 AR-1262-5    | 8.101 | 9.657  | 1197697  | 7829188  | 9.808   | 22.275 #  |
| 41)                         | L9 AR-1268-1    | 7.611 | 0.000  | 763487   | 0        | 2.001   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 7.647 | 0.000  | 724838   | 0        | 2.059   | N.D. #    |
| 43)                         | L9 AR-1268-3    | 7.870 | 9.207  | 1069779  | 5935619  | 3.757   | 7.407 #   |
| 44)                         | L9 AR-1268-4    | 8.101 | 9.657  | 1197697  | 7829188  | 9.527   | 21.476 #  |
| -----                       |                 |       |        |          |          |         |           |

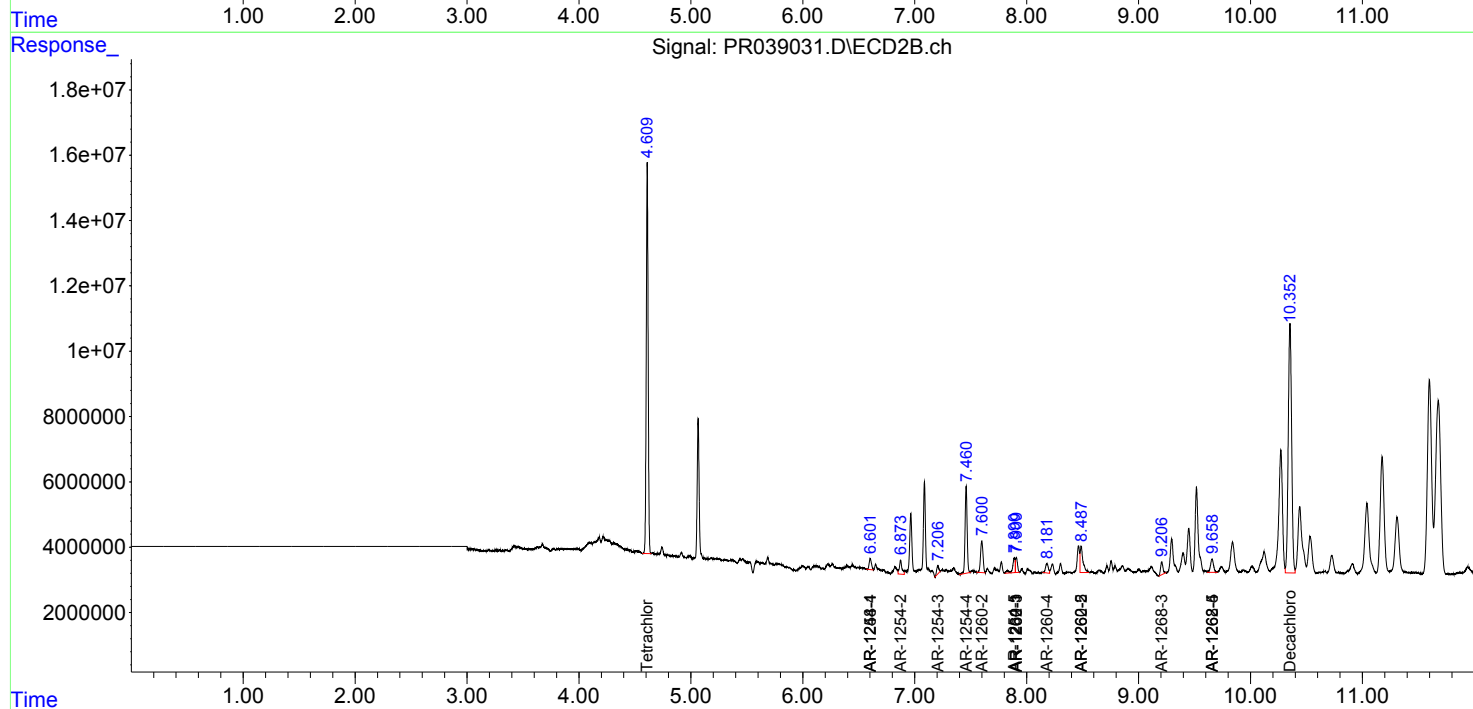
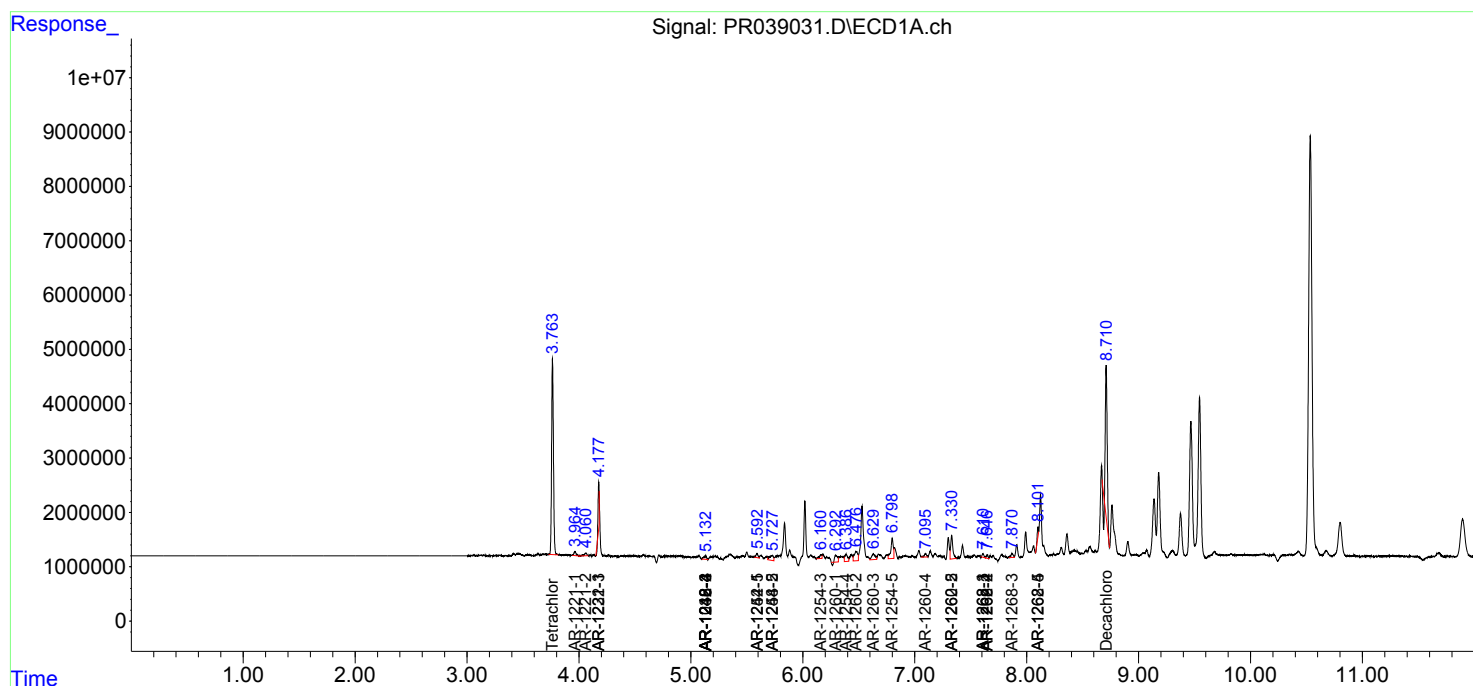
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

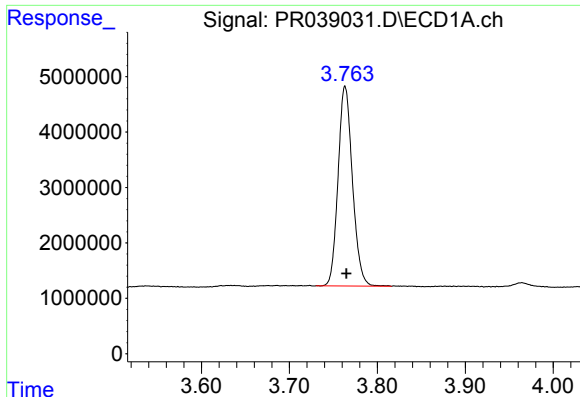
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR070219\  
Data File : PR039031.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jul 2019 17:44  
Operator : SM\AJ  
Sample : K3601-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 03 01:14:13 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

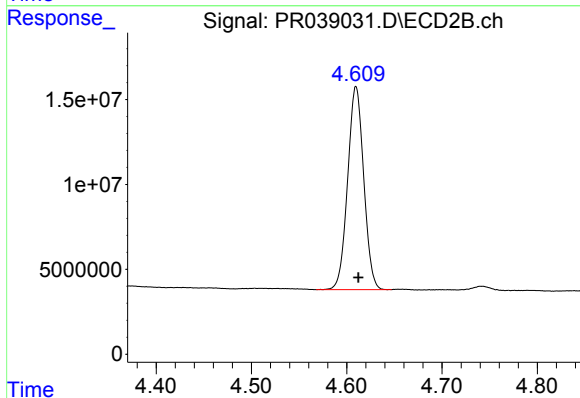




#1 Tetrachloro-m-xylene

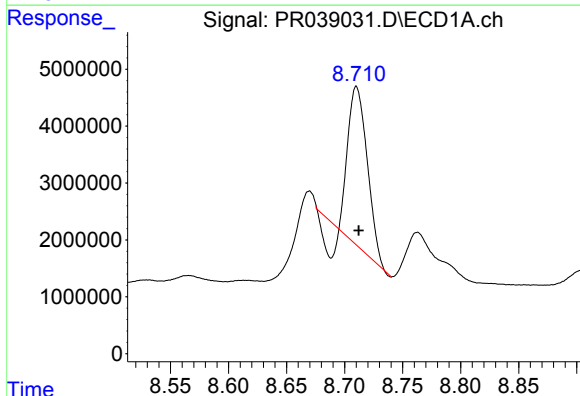
R.T.: 3.763 min  
Delta R.T.: -0.002 min  
Response: 40915514  
Conc: 23.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



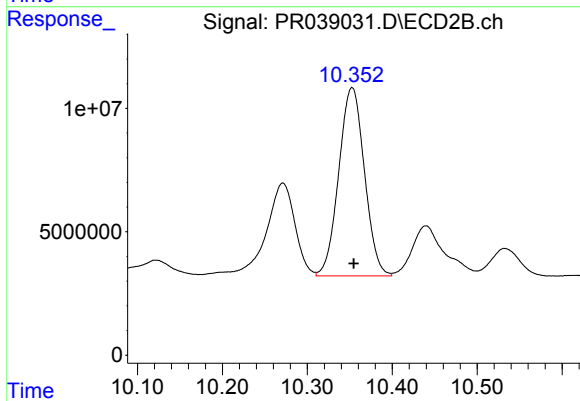
#1 Tetrachloro-m-xylene

R.T.: 4.610 min  
Delta R.T.: -0.003 min  
Response: 140371703  
Conc: 22.02 ng/ml



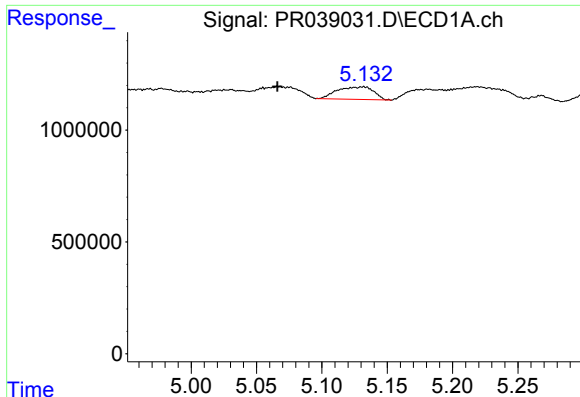
#2 Decachlorobiphenyl

R.T.: 8.710 min  
Delta R.T.: -0.002 min  
Response: 29217013  
Conc: 12.64 ng/ml



#2 Decachlorobiphenyl

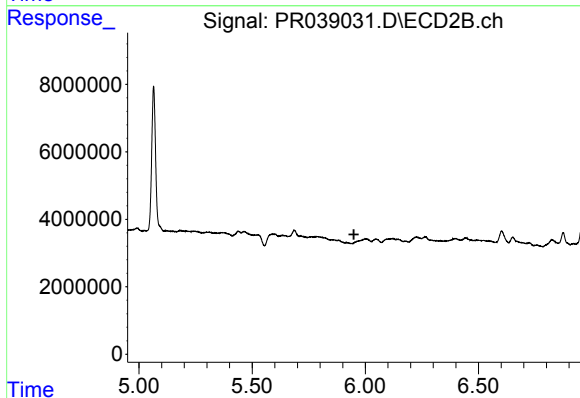
R.T.: 10.353 min  
Delta R.T.: -0.002 min  
Response: 160394182  
Conc: 20.77 ng/ml



#6 AR-1016-4

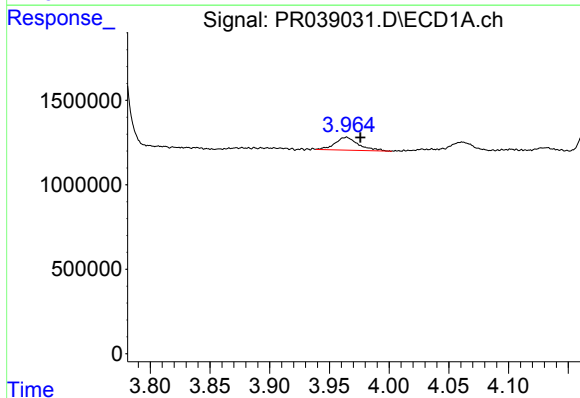
R.T.: 5.132 min  
Delta R.T.: 0.066 min  
Response: 1095398  
Conc: 26.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



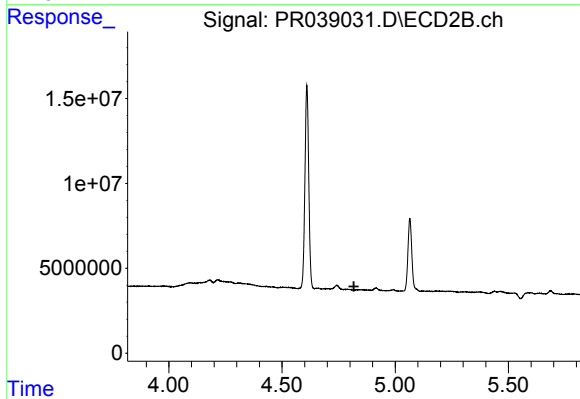
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.950 min  
Response: 0  
Conc: N.D.



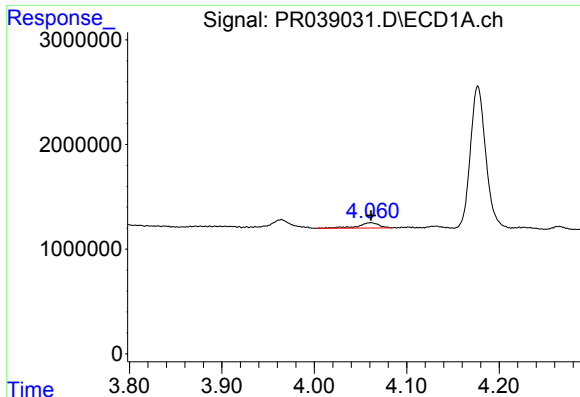
#8 AR-1221-1

R.T.: 3.965 min  
Delta R.T.: -0.011 min  
Response: 1049389  
Conc: 63.66 ng/ml



#8 AR-1221-1

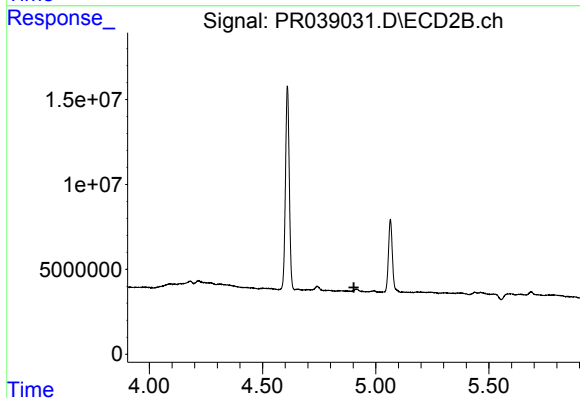
R.T.: 0.000 min  
Exp R.T. : 4.817 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

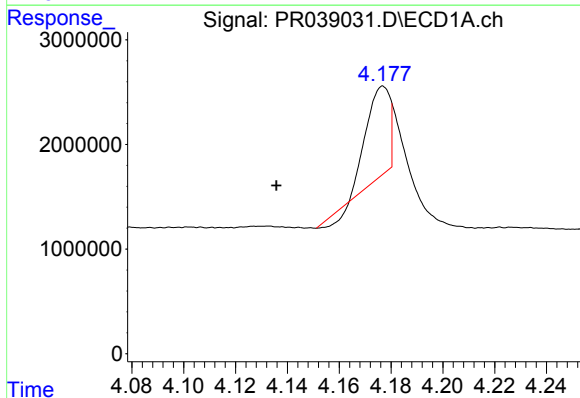
R.T.: 4.061 min  
Delta R.T.: 0.000 min  
Response: 805127  
Conc: 63.69 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



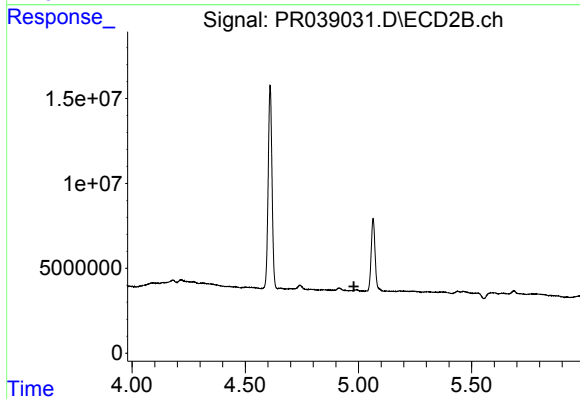
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.903 min  
Response: 0  
Conc: N.D.



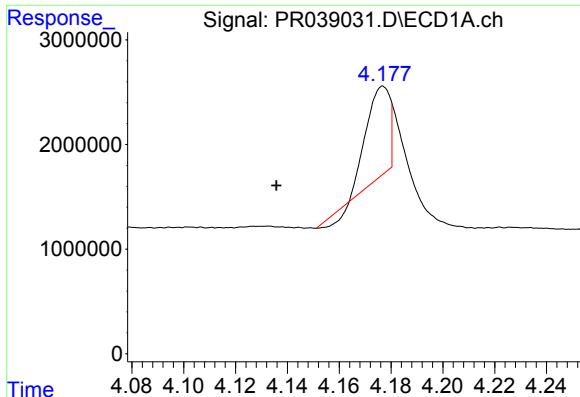
#10 AR-1221-3

R.T.: 4.177 min  
Delta R.T.: 0.041 min  
Response: 5064938  
Conc: 124.09 ng/ml



#10 AR-1221-3

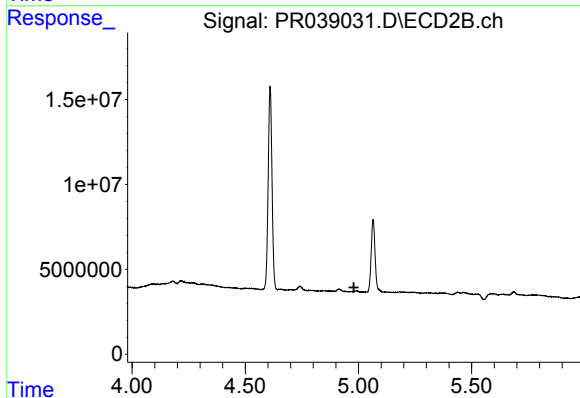
R.T.: 0.000 min  
Exp R.T. : 4.980 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

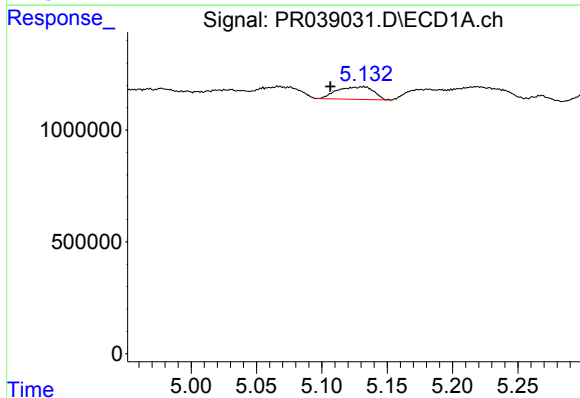
R.T.: 4.177 min  
Delta R.T.: 0.041 min  
Response: 5064938  
Conc: 148.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



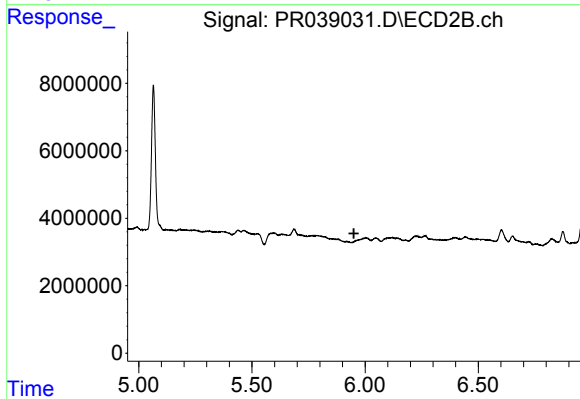
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.980 min  
Response: 0  
Conc: N.D.



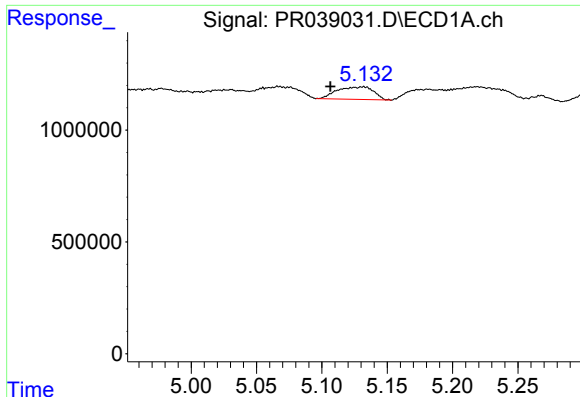
#14 AR-1232-4

R.T.: 5.132 min  
Delta R.T.: 0.025 min  
Response: 1095398  
Conc: 61.56 ng/ml



#14 AR-1232-4

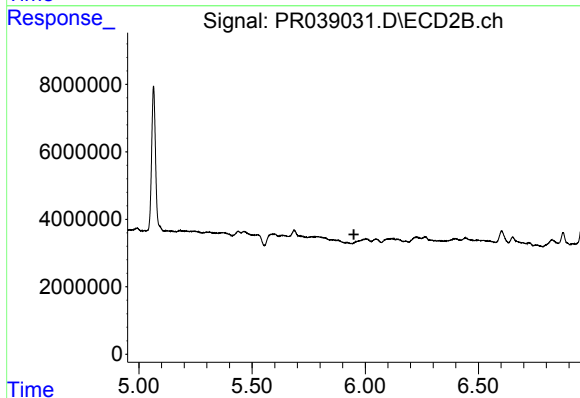
R.T.: 0.000 min  
Exp R.T. : 5.950 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

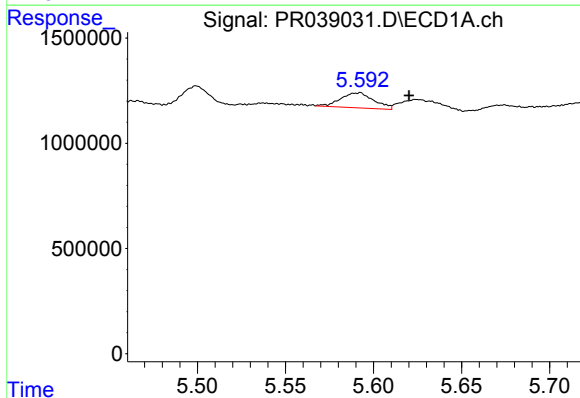
R.T.: 5.132 min  
Delta R.T.: 0.025 min  
Response: 1095398  
Conc: 25.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



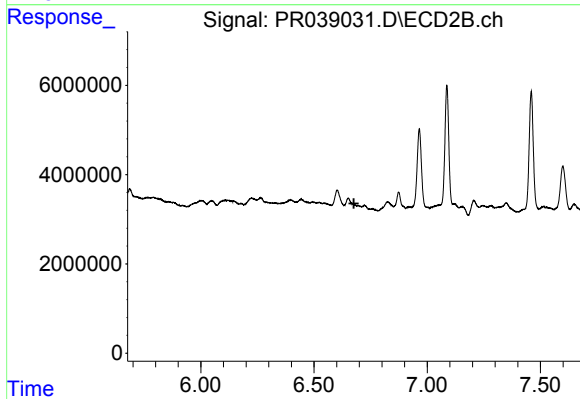
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.950 min  
Response: 0  
Conc: N.D.



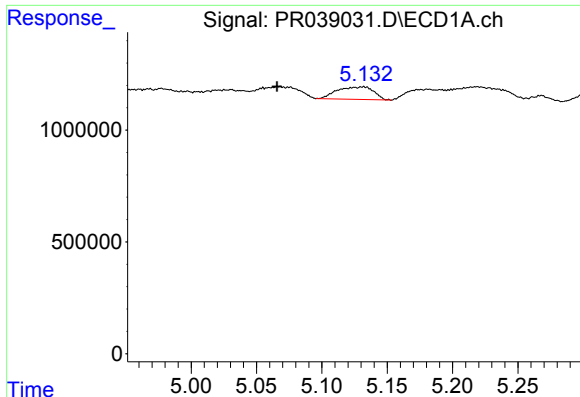
#20 AR-1242-5

R.T.: 5.593 min  
Delta R.T.: -0.028 min  
Response: 941717  
Conc: 15.69 ng/ml



#20 AR-1242-5

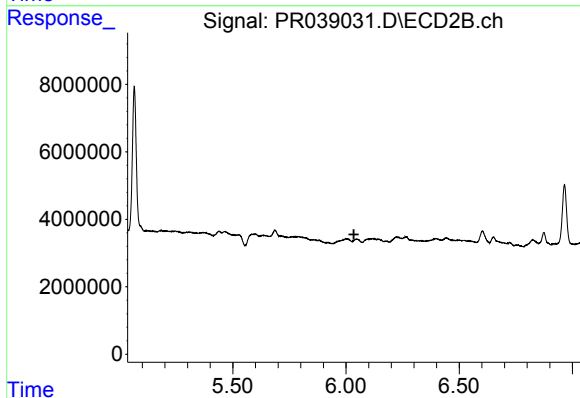
R.T.: 0.000 min  
Exp R.T. : 6.676 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

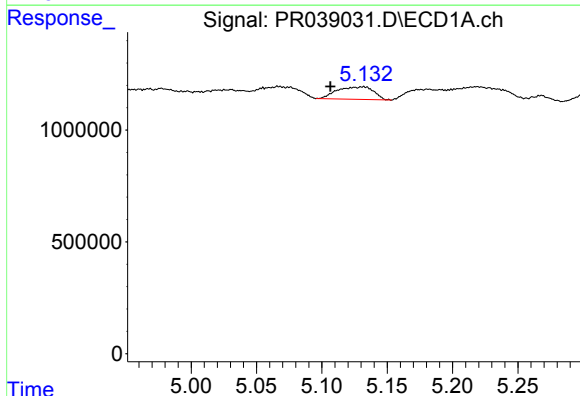
R.T.: 5.132 min  
Delta R.T.: 0.066 min  
Response: 1095398  
Conc: 18.31 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



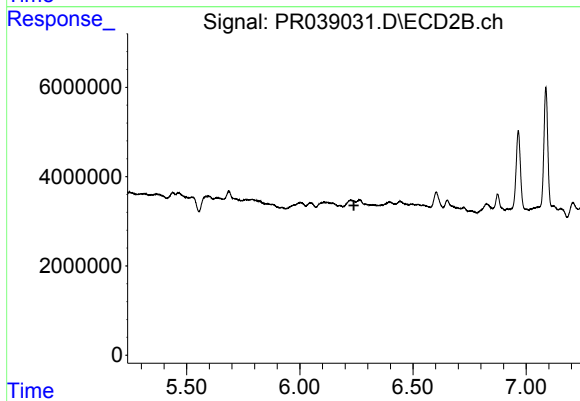
#22 AR-1248-2

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



#23 AR-1248-3

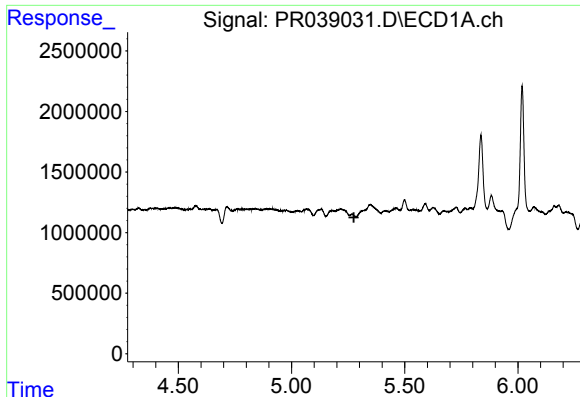
R.T.: 5.132 min  
Delta R.T.: 0.026 min  
Response: 1095398  
Conc: 17.42 ng/ml



#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 6.239 min  
Response: 0  
Conc: N.D.

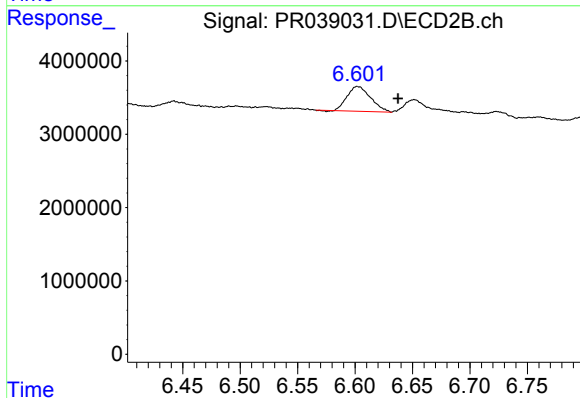




#24 AR-1248-4

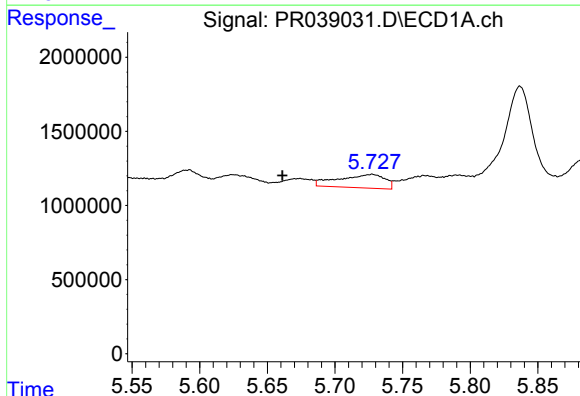
R.T.: 0.000 min  
Exp R.T.: 5.276 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



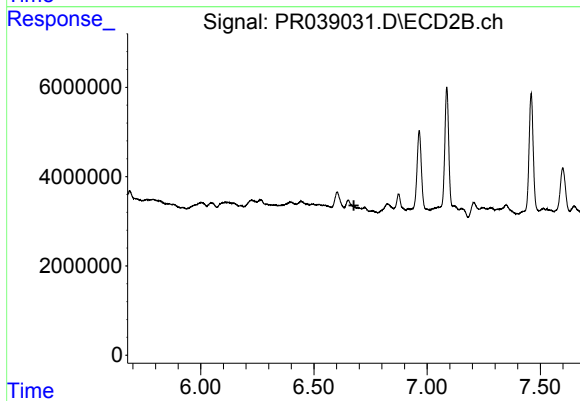
#24 AR-1248-4

R.T.: 6.602 min  
Delta R.T.: -0.036 min  
Response: 4809522  
Conc: 16.67 ng/ml



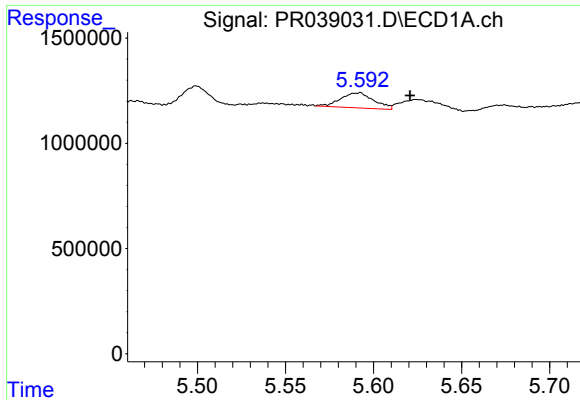
#25 AR-1248-5

R.T.: 5.728 min  
Delta R.T.: 0.067 min  
Response: 2189515  
Conc: 26.14 ng/ml



#25 AR-1248-5

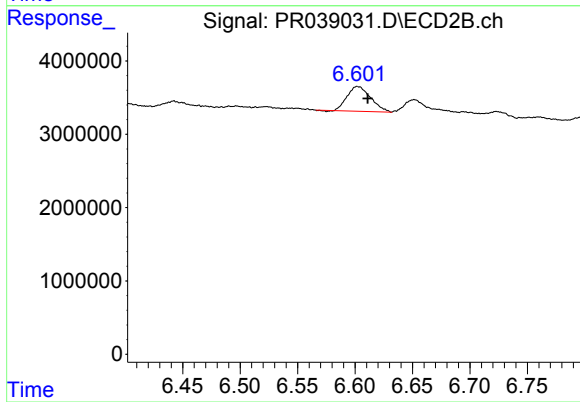
R.T.: 0.000 min  
Exp R.T.: 6.677 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

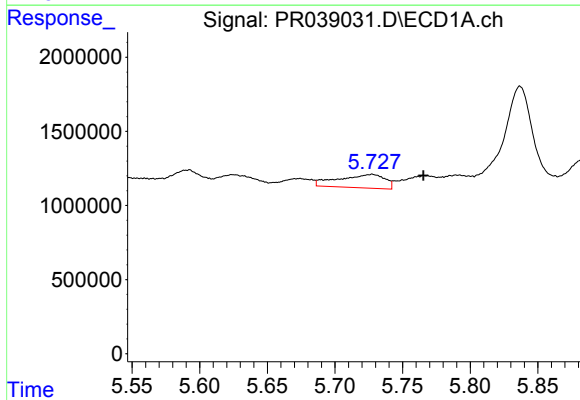
R.T.: 5.593 min  
Delta R.T.: -0.028 min  
Response: 941717  
Conc: 9.04 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



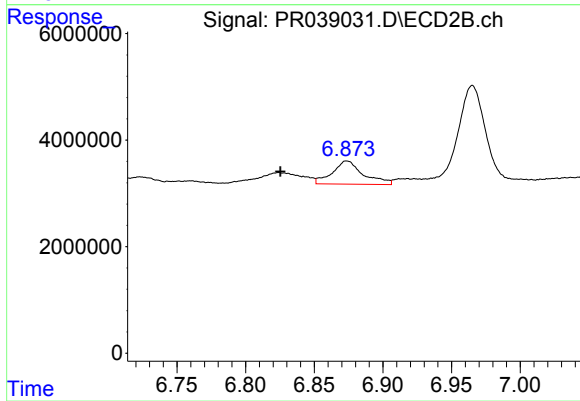
#26 AR-1254-1

R.T.: 6.602 min  
Delta R.T.: -0.009 min  
Response: 4809522  
Conc: 21.18 ng/ml



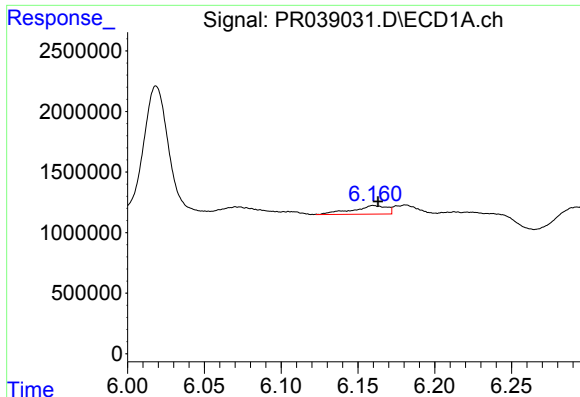
#27 AR-1254-2

R.T.: 5.728 min  
Delta R.T.: -0.038 min  
Response: 2189515  
Conc: 24.01 ng/ml



#27 AR-1254-2

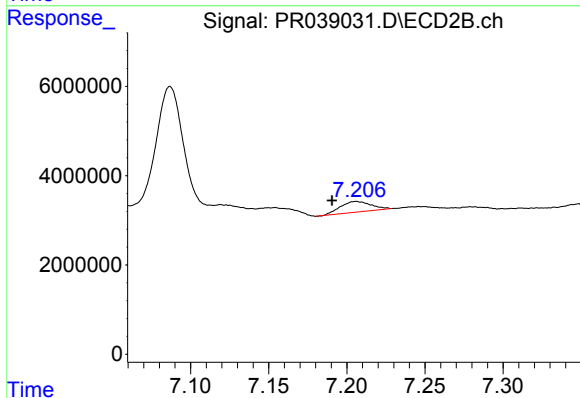
R.T.: 6.874 min  
Delta R.T.: 0.048 min  
Response: 6800334  
Conc: 18.99 ng/ml



#28 AR-1254-3

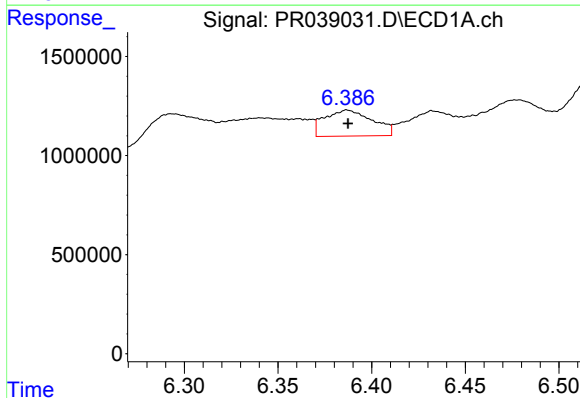
R.T.: 6.160 min  
Delta R.T.: -0.003 min  
Response: 1088042  
Conc: 6.92 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



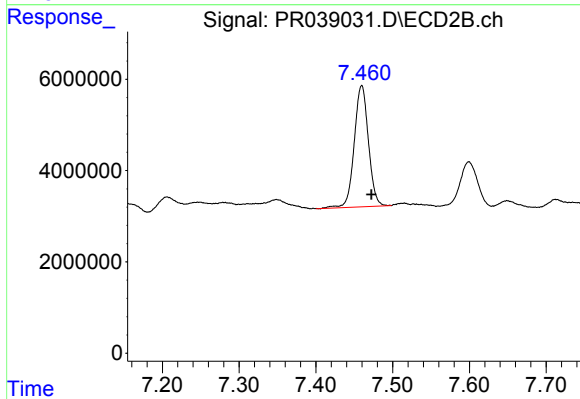
#28 AR-1254-3

R.T.: 7.206 min  
Delta R.T.: 0.015 min  
Response: 3260020  
Conc: 7.98 ng/ml



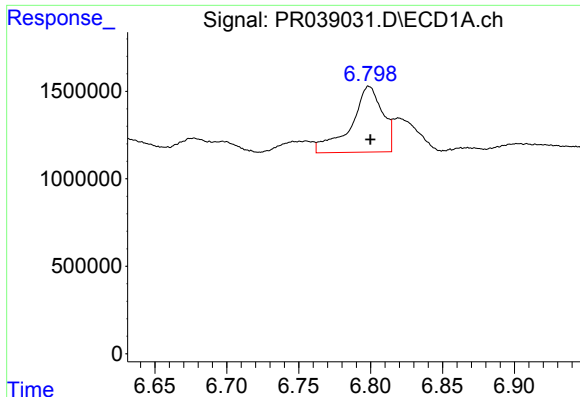
#29 AR-1254-4

R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 2335898  
Conc: 22.40 ng/ml



#29 AR-1254-4

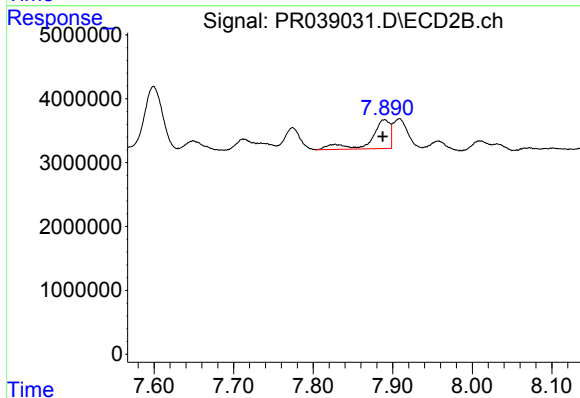
R.T.: 7.460 min  
Delta R.T.: -0.013 min  
Response: 34182517  
Conc: 109.89 ng/ml



#30 AR-1254-5

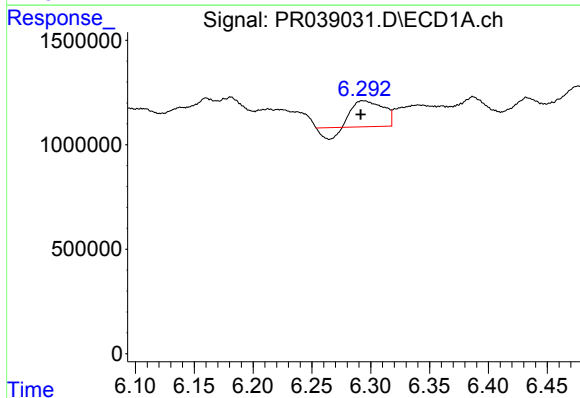
R.T.: 6.799 min  
Delta R.T.: -0.001 min  
Response: 5745766  
Conc: 40.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



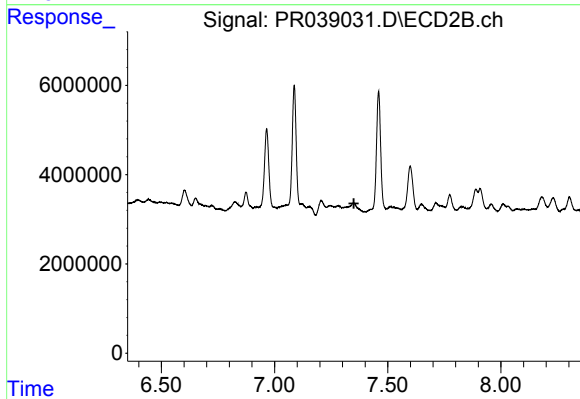
#30 AR-1254-5

R.T.: 7.890 min  
Delta R.T.: 0.002 min  
Response: 7408759  
Conc: 22.32 ng/ml



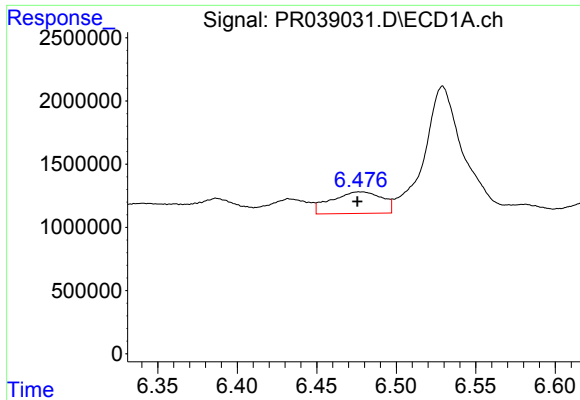
#31 AR-1260-1

R.T.: 6.293 min  
Delta R.T.: 0.001 min  
Response: 1944335  
Conc: 16.55 ng/ml



#31 AR-1260-1

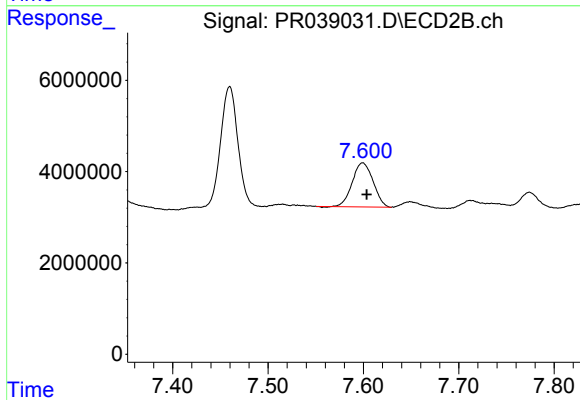
R.T.: 0.000 min  
Exp R.T. : 7.351 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

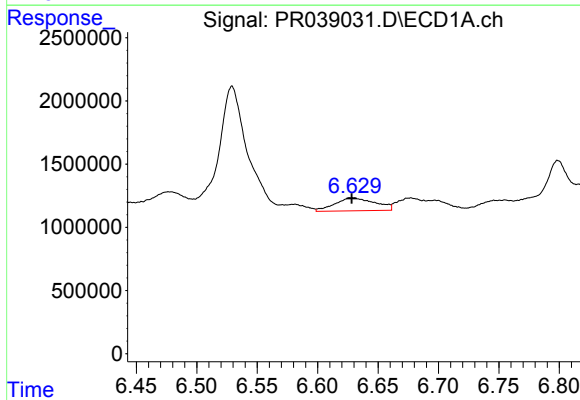
R.T.: 6.479 min  
Delta R.T.: 0.003 min  
Response: 3789751  
Conc: 25.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



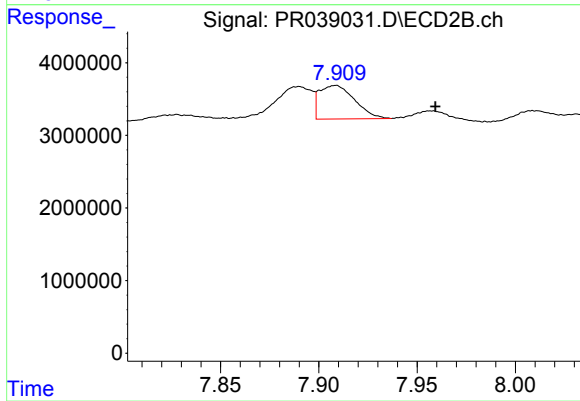
#32 AR-1260-2

R.T.: 7.599 min  
Delta R.T.: -0.004 min  
Response: 14719080  
Conc: 36.61 ng/ml



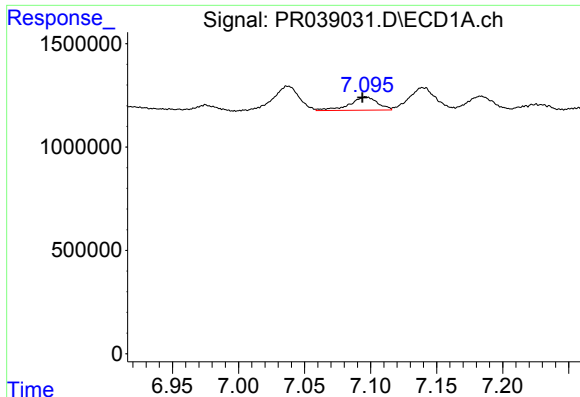
#33 AR-1260-3

R.T.: 6.629 min  
Delta R.T.: 0.000 min  
Response: 2383866  
Conc: 17.56 ng/ml



#33 AR-1260-3

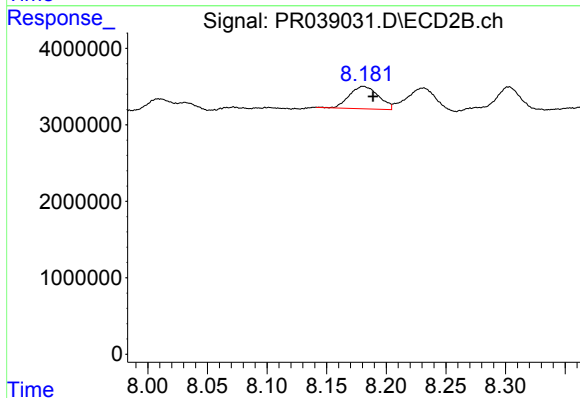
R.T.: 7.908 min  
Delta R.T.: -0.051 min  
Response: 5797232  
Conc: 18.59 ng/ml



#34 AR-1260-4

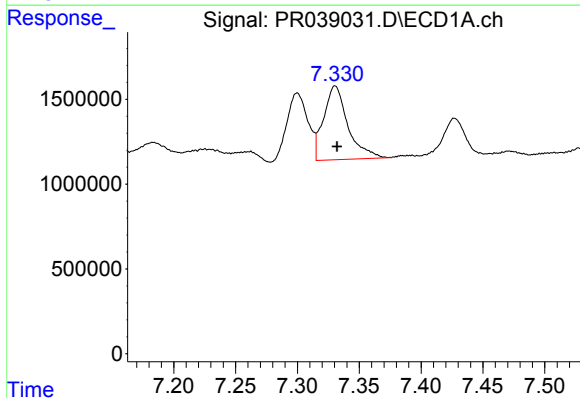
R.T.: 7.096 min  
Delta R.T.: 0.003 min  
Response: 942718  
Conc: 8.04 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



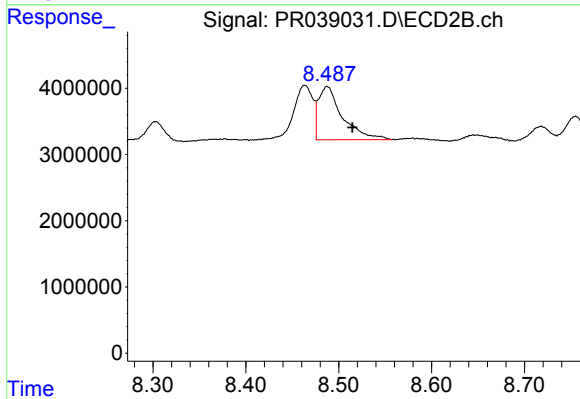
#34 AR-1260-4

R.T.: 8.181 min  
Delta R.T.: -0.008 min  
Response: 4981460  
Conc: 13.78 ng/ml



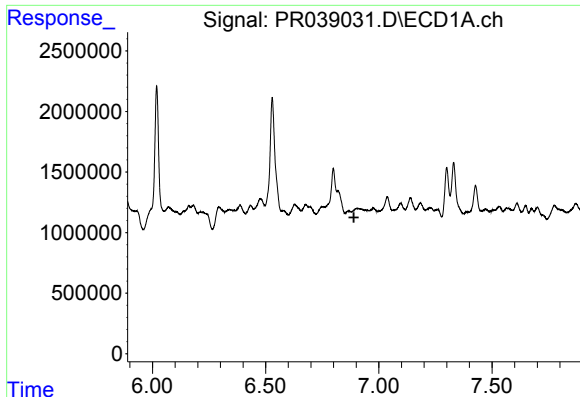
#35 AR-1260-5

R.T.: 7.331 min  
Delta R.T.: -0.001 min  
Response: 5943471  
Conc: 20.06 ng/ml



#35 AR-1260-5

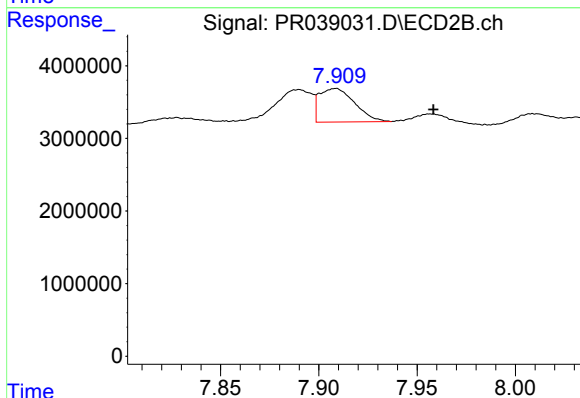
R.T.: 8.488 min  
Delta R.T.: -0.027 min  
Response: 14463272  
Conc: 18.94 ng/ml



#36 AR-1262-1

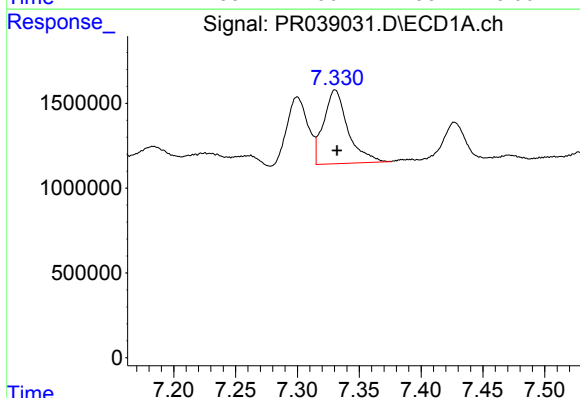
R.T.: 0.000 min  
Exp R.T.: 6.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



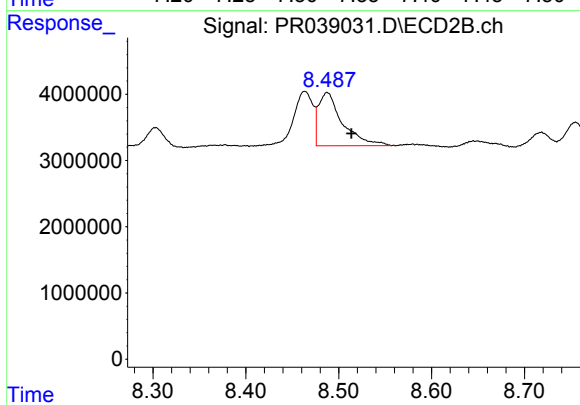
#36 AR-1262-1

R.T.: 7.908 min  
Delta R.T.: -0.050 min  
Response: 5797232  
Conc: 11.81 ng/ml



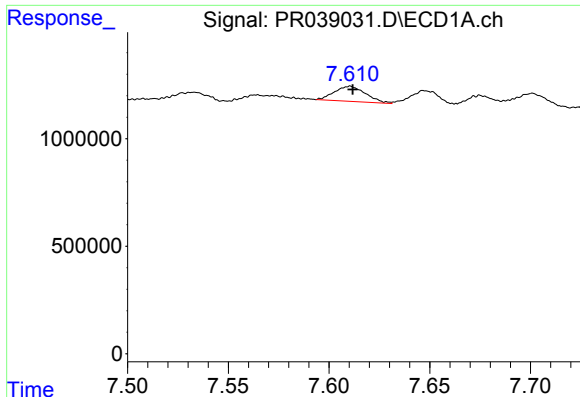
#37 AR-1262-2

R.T.: 7.331 min  
Delta R.T.: -0.002 min  
Response: 5943471  
Conc: 16.38 ng/ml



#37 AR-1262-2

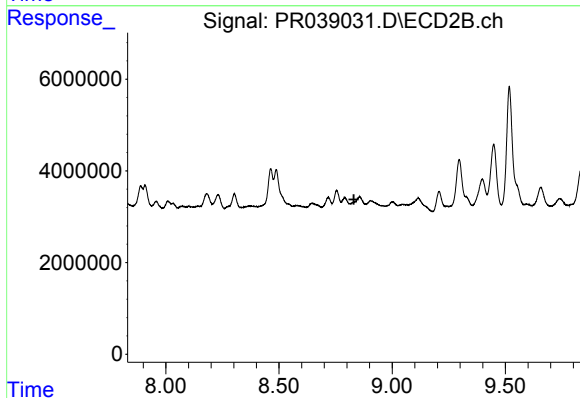
R.T.: 8.488 min  
Delta R.T.: -0.026 min  
Response: 14463272  
Conc: 15.14 ng/ml



#38 AR-1262-3

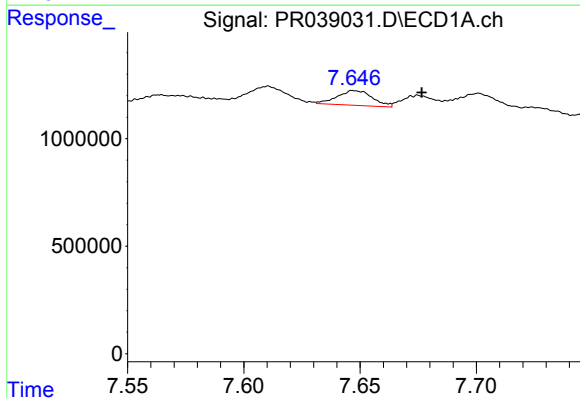
R.T.: 7.611 min  
Delta R.T.: -0.001 min  
Response: 763487  
Conc: 5.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



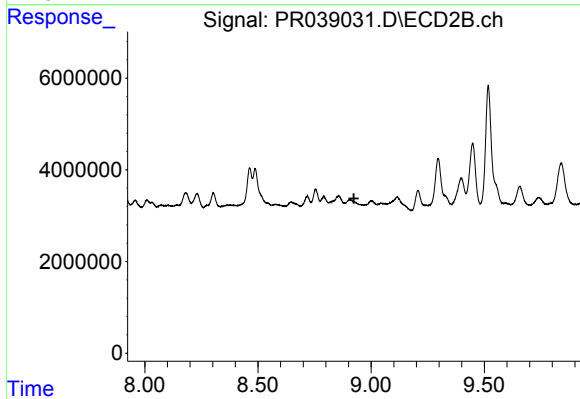
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.831 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

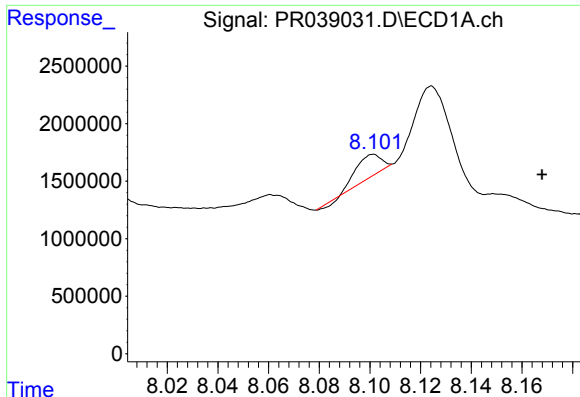
R.T.: 7.647 min  
Delta R.T.: -0.030 min  
Response: 724838  
Conc: 2.79 ng/ml



#39 AR-1262-4

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

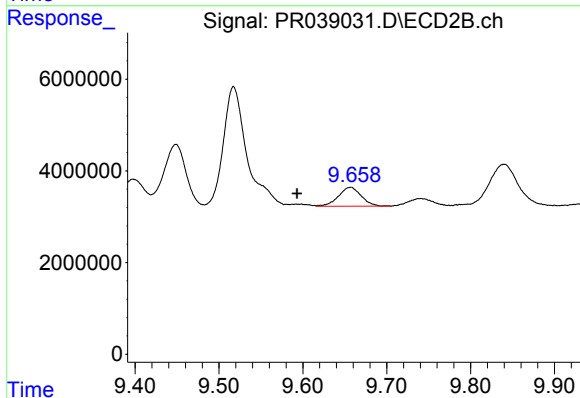




#40 AR-1262-5

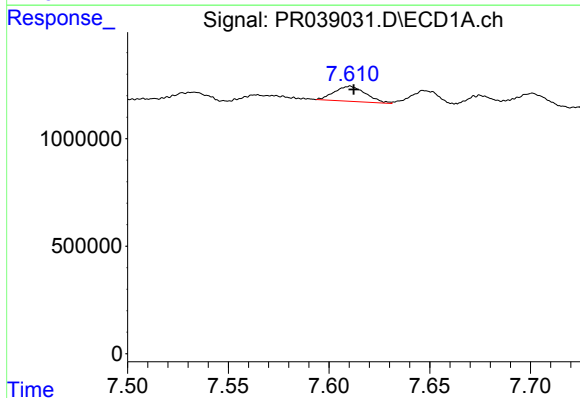
R.T.: 8.101 min  
Delta R.T.: -0.067 min  
Response: 1197697  
Conc: 9.81 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



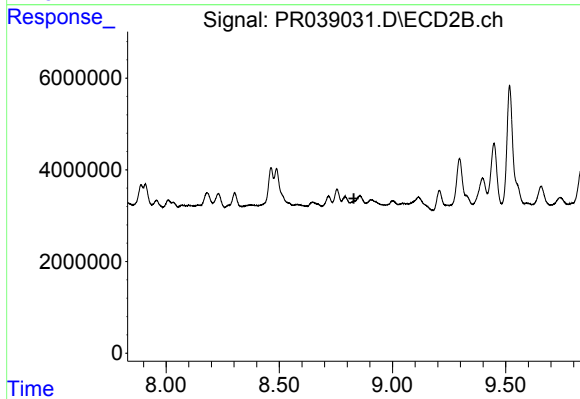
#40 AR-1262-5

R.T.: 9.657 min  
Delta R.T.: 0.064 min  
Response: 7829188  
Conc: 22.27 ng/ml



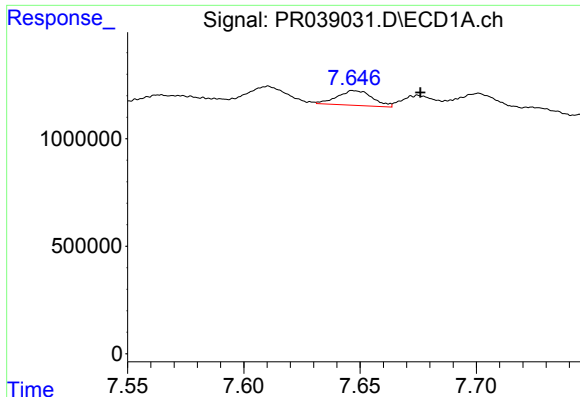
#41 AR-1268-1

R.T.: 7.611 min  
Delta R.T.: -0.002 min  
Response: 763487  
Conc: 2.00 ng/ml



#41 AR-1268-1

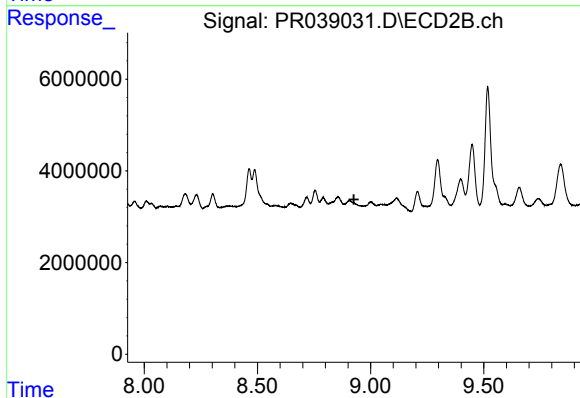
R.T.: 0.000 min  
Exp R.T.: 8.829 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

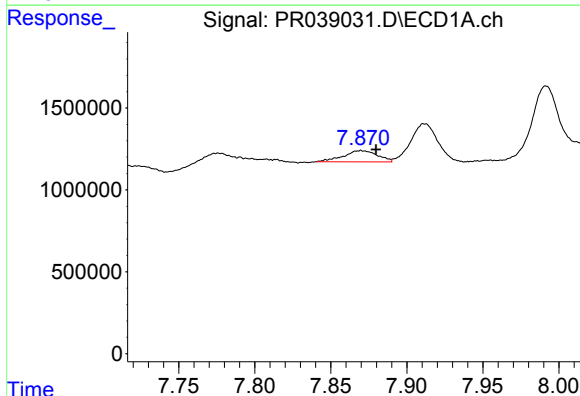
R.T.: 7.647 min  
Delta R.T.: -0.029 min  
Response: 724838  
Conc: 2.06 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



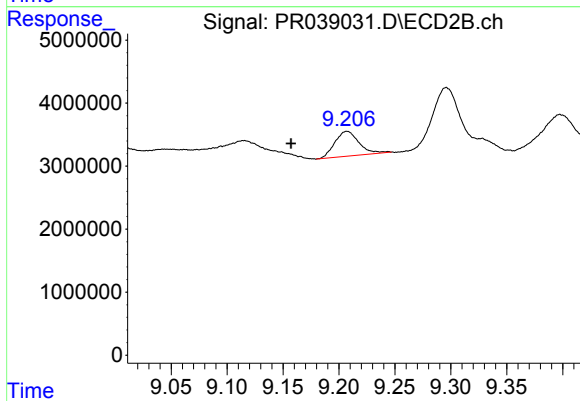
#42 AR-1268-2

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



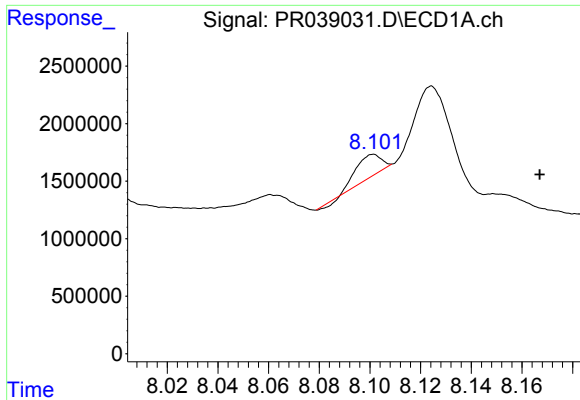
#43 AR-1268-3

R.T.: 7.870 min  
Delta R.T.: -0.010 min  
Response: 1069779  
Conc: 3.76 ng/ml



#43 AR-1268-3

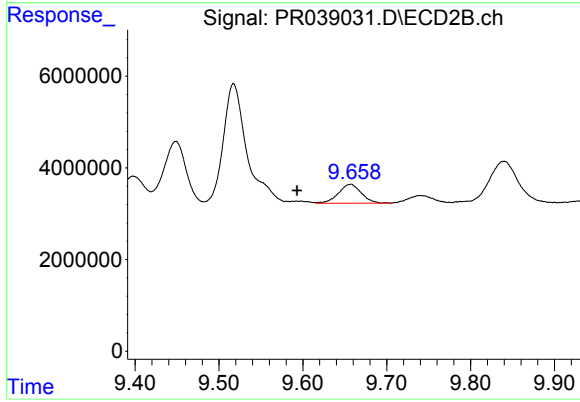
R.T.: 9.207 min  
Delta R.T.: 0.050 min  
Response: 5935619  
Conc: 7.41 ng/ml



#44 AR-1268-4

R.T.: 8.101 min  
Delta R.T.: -0.066 min  
Response: 1197697  
Conc: 9.53 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#44 AR-1268-4

R.T.: 9.657 min  
Delta R.T.: 0.064 min  
Response: 7829188  
Conc: 21.48 ng/ml