

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080521\  
 Data File : PP038043.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 05 Aug 2021 17:06  
 Operator : AJ\MA  
 Sample : AR1268CCC500  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 05:00:29 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 06 03:08:47 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... | 4.894  | 3.879  | 2196852 | 1310283 | 49.433   | 50.874    |
| 2)                          | SA Decachlor... | 10.886 | 9.149  | 1997984 | 2224850 | 87.829   | 85.991    |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.126  | 0       | 3252    | N.D.     | 3.367 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.145  | 0       | 5811    | N.D.     | 4.338 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.386  | 0       | 4424    | N.D.     | 7.787 #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.617  | 0       | 21753   | N.D.     | 28.349 #  |
| 9)                          | L2 AR-1221-2    | 5.245  | 4.228  | 25156   | 17777   | 62.248   | 75.534    |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.321  | 0       | 5591    | N.D.     | 7.582 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.321  | 0       | 5591    | N.D.     | 8.247 #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.145  | 0       | 5811    | N.D.     | 9.544 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.417f | 0       | 16427   | N.D.     | 55.606 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.617  | 0       | 21753   | N.D.     | 58.697 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.126  | 0       | 3252    | N.D.     | 4.513 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.145  | 0       | 5811    | N.D.     | 5.814 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.417f | 0       | 16427   | N.D.     | 31.267 #  |
| 20)                         | L4 AR-1242-5    | 7.193  | 5.995  | 17545   | 9006    | 21.277   | 13.938 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.126  | 0       | 3252    | N.D.     | 6.146 #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.386  | 0       | 4424    | N.D.     | 5.956 #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.417f | 0       | 16427   | N.D.     | 20.877 #  |
| 24)                         | L5 AR-1248-4    | 7.128f | 5.617  | 86398   | 21753   | 63.992   | 23.605 #  |
| 25)                         | L5 AR-1248-5    | 7.193  | 6.019f | 17545   | 21904   | 13.271   | 23.267 #  |
| 26)                         | L6 AR-1254-1    | 7.128  | 5.995  | 86398   | 9006    | 66.307   | 6.732 #   |
| 28)                         | L6 AR-1254-3    | 7.753f | 6.571  | 7782    | 19009   | 3.923    | 10.069 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.811  | 0       | 5386    | N.D.     | 4.473 #   |
| 30)                         | L6 AR-1254-5    | 8.443f | 0.000  | 9413    | 0       | 6.477    | N.D. #    |
| 32)                         | L7 AR-1260-2    | 8.144f | 6.907  | 47852   | 7583    | 27.794   | 4.874 #   |
| 33)                         | L7 AR-1260-3    | 8.531  | 7.064  | 326477  | 43520   | 273.288  | 28.590 #  |
| 34)                         | L7 AR-1260-4    | 8.778f | 7.542  | 415290  | 427089  | 291.575  | 349.102   |
| 35)                         | L7 AR-1260-5    | 9.085  | 7.793  | 189716  | 186660  | 71.454   | 63.915    |
| 36)                         | L8 AR-1262-1    | 8.531  | 0.000  | 326477  | 0       | 198.744  | N.D. #    |
| 37)                         | L8 AR-1262-2    | 9.085  | 7.793  | 189716  | 186660  | 66.753   | 60.317    |
| 38)                         | L8 AR-1262-3    | 9.392  | 8.078  | 1633494 | 1812476 | 1379.261 | 1432.695  |
| 39)                         | L8 AR-1262-4    | 9.488  | 8.144  | 1534714 | 1698187 | 2005.789 | 717.162 # |
| 40)                         | L8 AR-1262-5    | 10.147 | 8.639  | 568783  | 640297  | 573.608  | 570.552   |
| 41)                         | L9 AR-1268-1    | 9.392  | 8.078  | 1633494 | 1812476 | 499.964  | 499.465   |
| 42)                         | L9 AR-1268-2    | 9.488  | 8.144  | 1534714 | 1698187 | 501.737  | 497.065   |
| 43)                         | L9 AR-1268-3    | 9.711  | 8.350  | 1277853 | 1434686 | 503.732  | 503.519   |
| 44)                         | L9 AR-1268-4    | 10.147 | 8.639  | 568783  | 640297  | 515.445  | 505.931   |
| 45)                         | L9 AR-1268-5    | 10.555 | 8.913  | 4246634 | 4755710 | 505.988  | 501.101   |
| -----                       |                 |        |        |         |         |          |           |

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

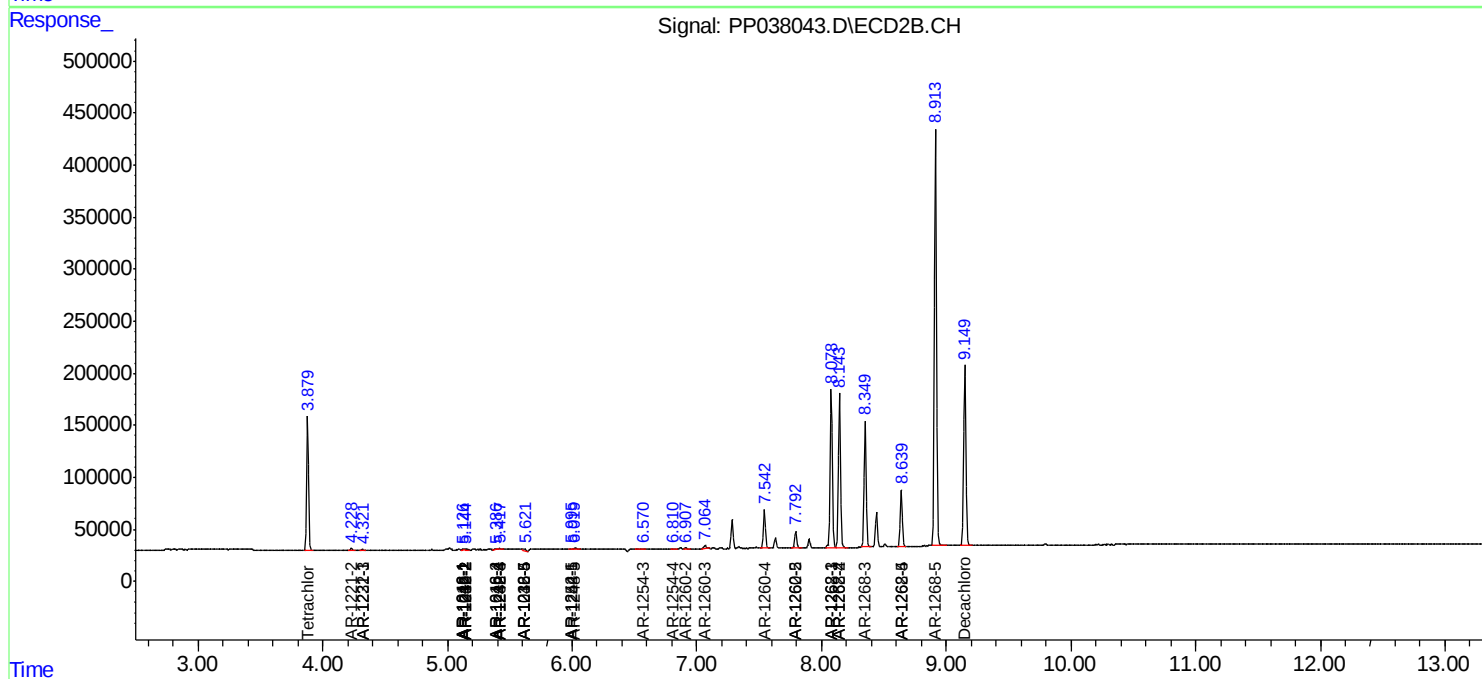
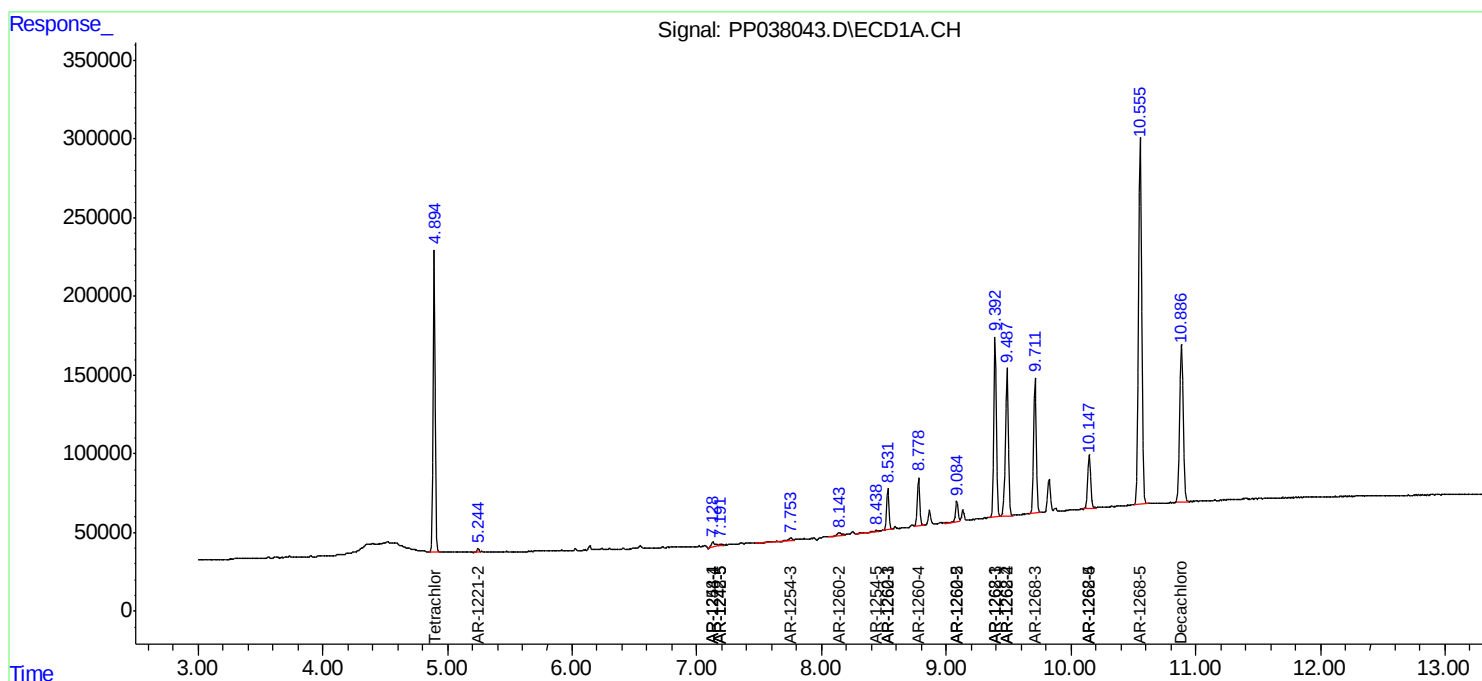
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500

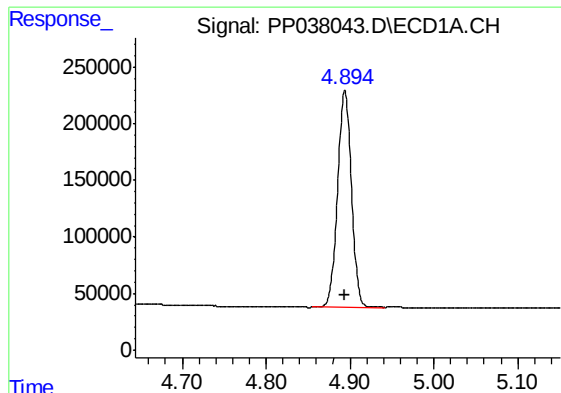
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080521\  
Data File : PP038043.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 05 Aug 2021 17:06  
Operator : AJ\MA  
Sample : AR1268CCC500  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :  
AR1268CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 05:00:29 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 06 03:08:47 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

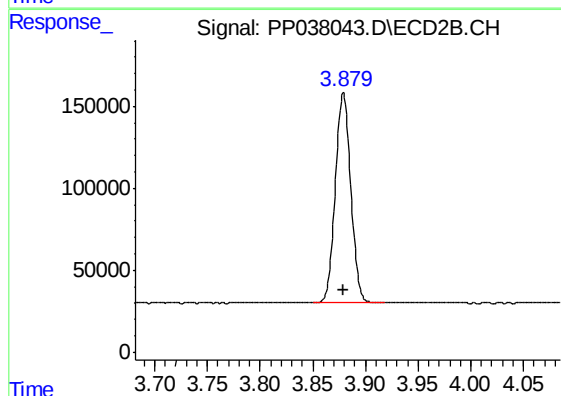




#1 Tetrachloro-m-xylene

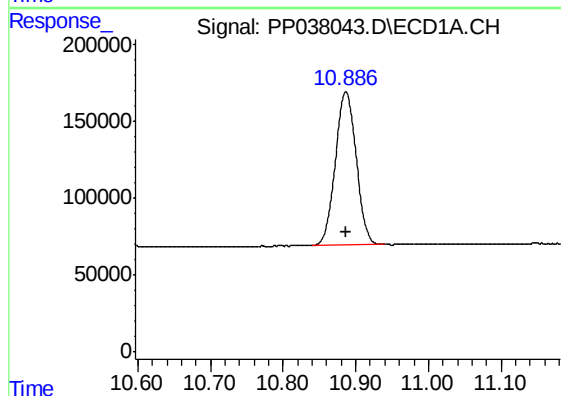
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 2196852  
Conc: 49.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



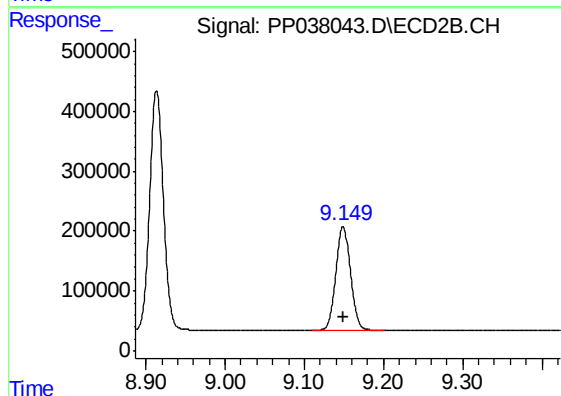
#1 Tetrachloro-m-xylene

R.T.: 3.879 min  
Delta R.T.: 0.000 min  
Response: 1310283  
Conc: 50.87 ng/ml



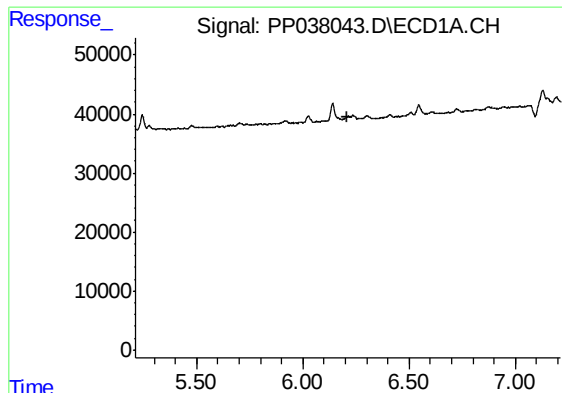
#2 Decachlorobiphenyl

R.T.: 10.886 min  
Delta R.T.: 0.000 min  
Response: 1997984  
Conc: 87.83 ng/ml



#2 Decachlorobiphenyl

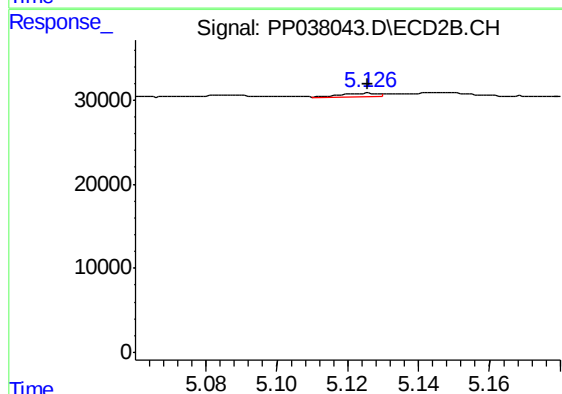
R.T.: 9.149 min  
Delta R.T.: 0.000 min  
Response: 2224850  
Conc: 85.99 ng/ml



#3 AR-1016-1

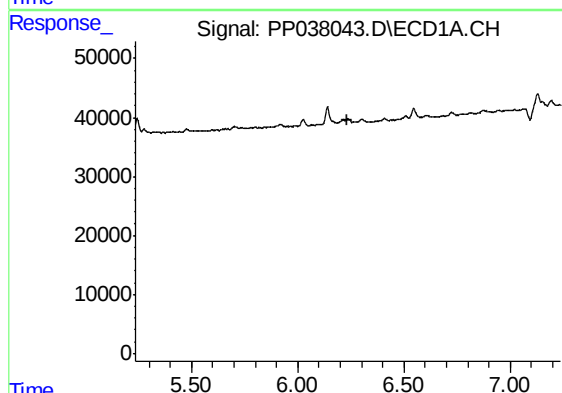
R.T.: 0.000 min  
Exp R.T. : 6.212 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



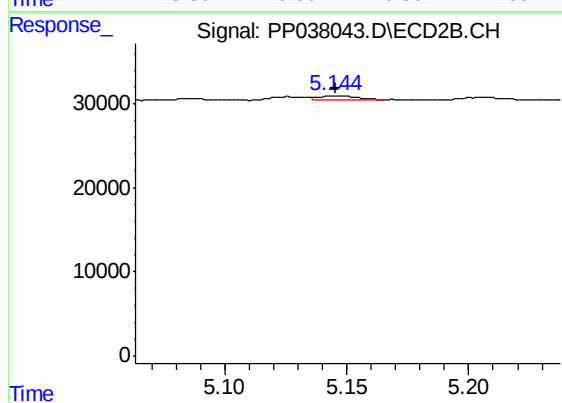
#3 AR-1016-1

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 3252  
Conc: 3.37 ng/ml



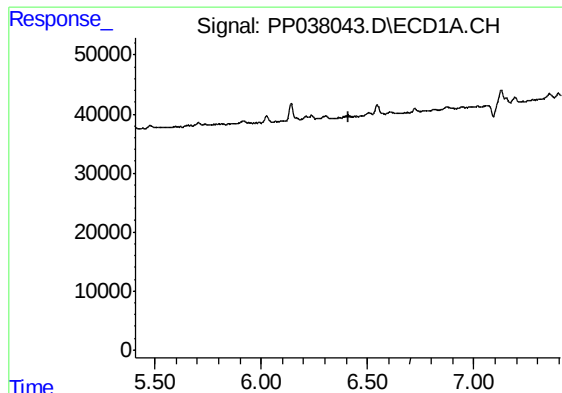
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 6.236 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

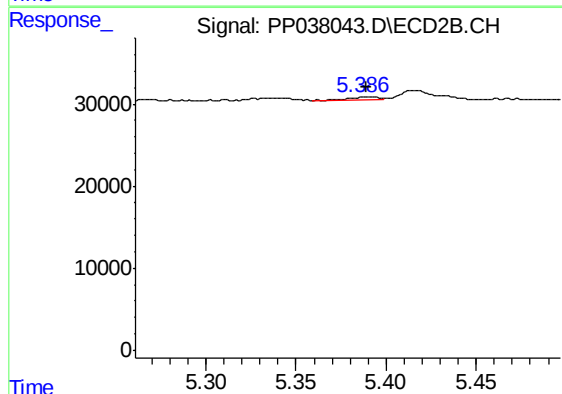
R.T.: 5.145 min  
Delta R.T.: 0.000 min  
Response: 5811  
Conc: 4.34 ng/ml



#6 AR-1016-4

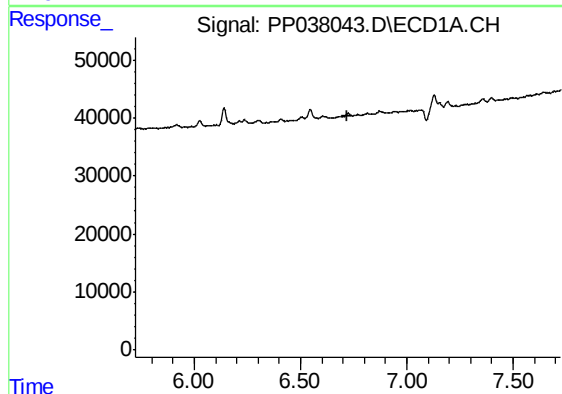
R.T.: 0.000 min  
Exp R.T. : 6.408 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



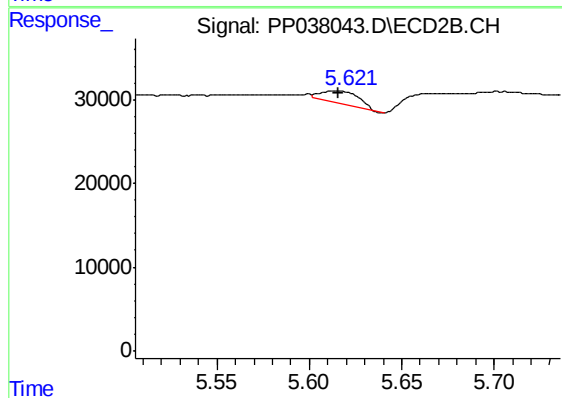
#6 AR-1016-4

R.T.: 5.386 min  
Delta R.T.: -0.003 min  
Response: 4424  
Conc: 7.79 ng/ml



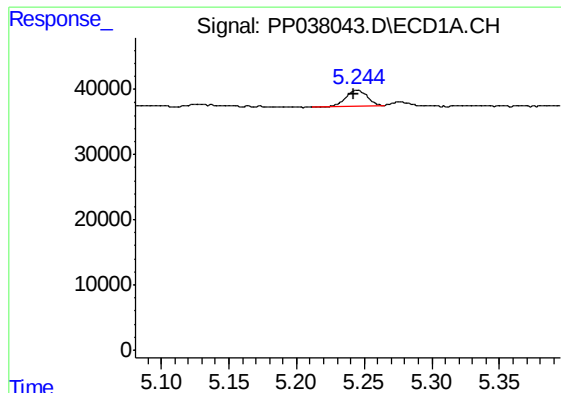
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.723 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

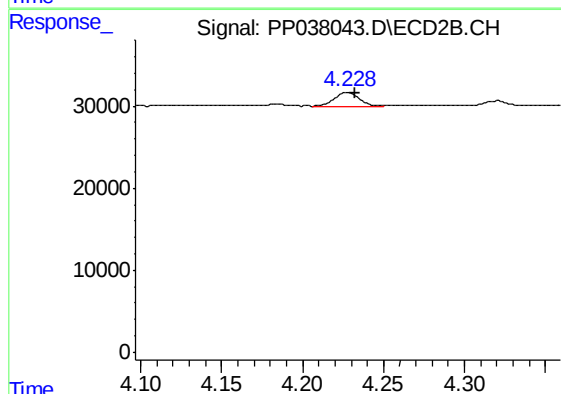
R.T.: 5.617 min  
Delta R.T.: 0.000 min  
Response: 21753  
Conc: 28.35 ng/ml



#9 AR-1221-2

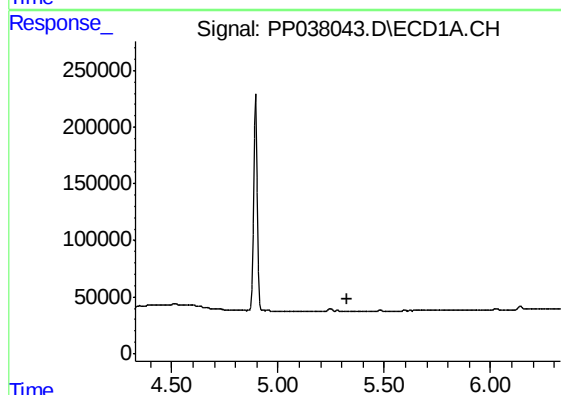
R.T.: 5.245 min  
Delta R.T.: 0.003 min  
Response: 25156  
Conc: 62.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



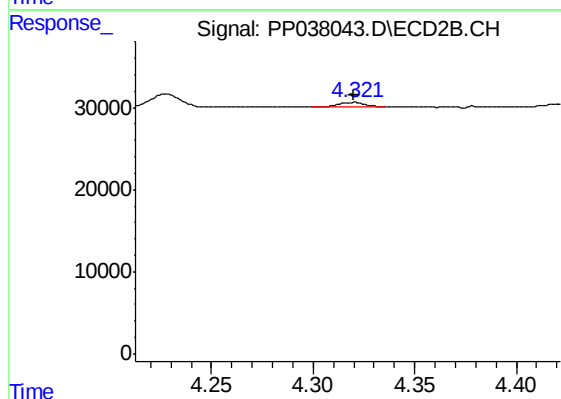
#9 AR-1221-2

R.T.: 4.228 min  
Delta R.T.: -0.005 min  
Response: 17777  
Conc: 75.53 ng/ml



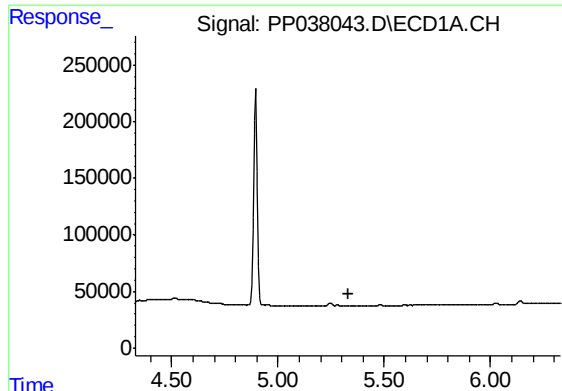
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.329 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

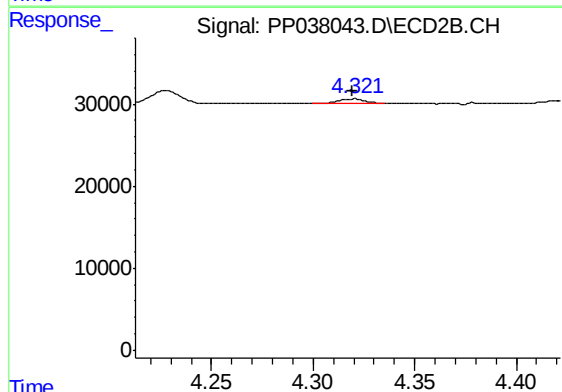
R.T.: 4.321 min  
Delta R.T.: 0.001 min  
Response: 5591  
Conc: 7.58 ng/ml



#11 AR-1232-1

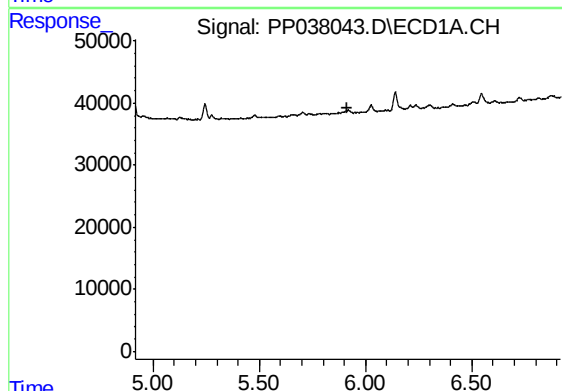
R.T.: 0.000 min  
Exp R.T. : 5.329 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



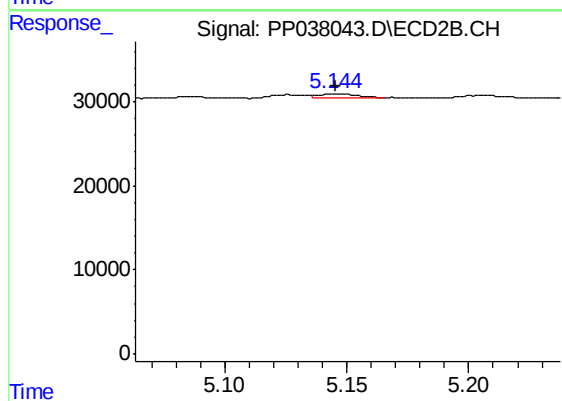
#11 AR-1232-1

R.T.: 4.321 min  
Delta R.T.: 0.002 min  
Response: 5591  
Conc: 8.25 ng/ml



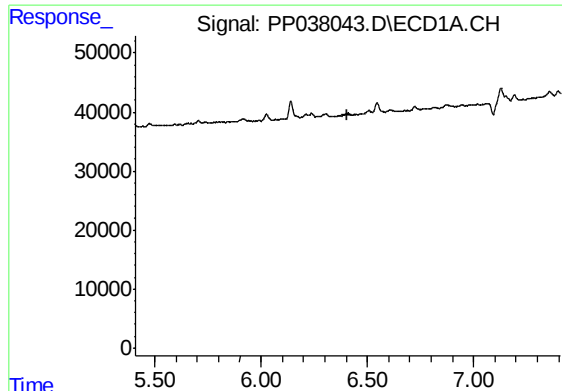
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.917 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

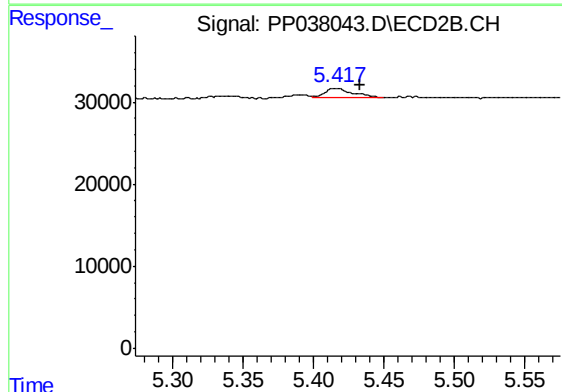
R.T.: 5.145 min  
Delta R.T.: 0.000 min  
Response: 5811  
Conc: 9.54 ng/ml



#14 AR-1232-4

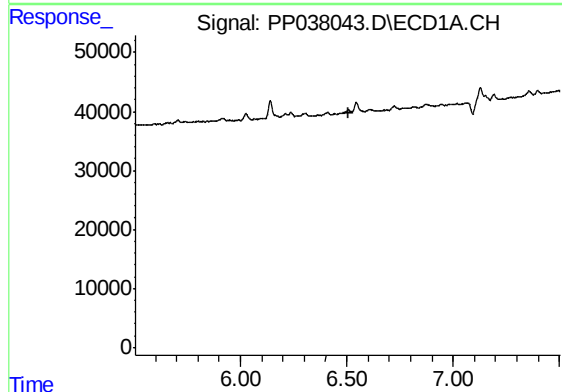
R.T.: 0.000 min  
Exp R.T. : 6.409 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



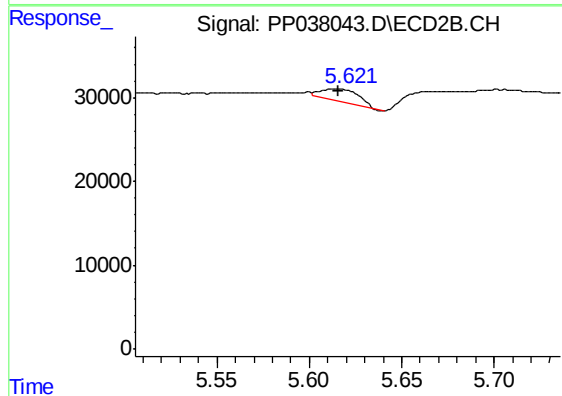
#14 AR-1232-4

R.T.: 5.417 min  
Delta R.T.: -0.016 min  
Response: 16427  
Conc: 55.61 ng/ml



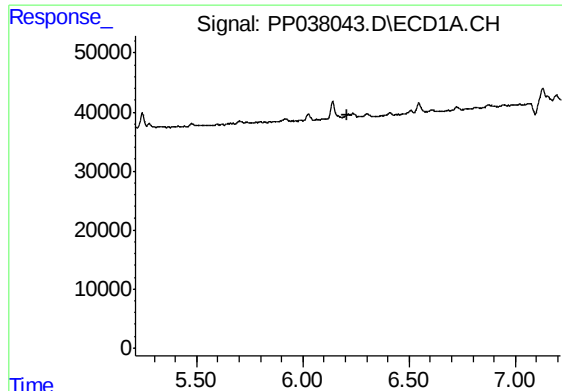
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.506 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

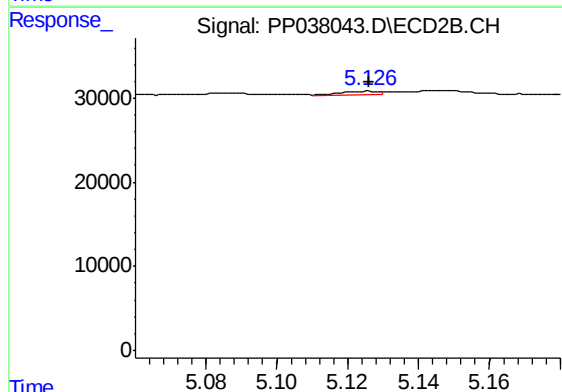
R.T.: 5.617 min  
Delta R.T.: 0.001 min  
Response: 21753  
Conc: 58.70 ng/ml



#16 AR-1242-1

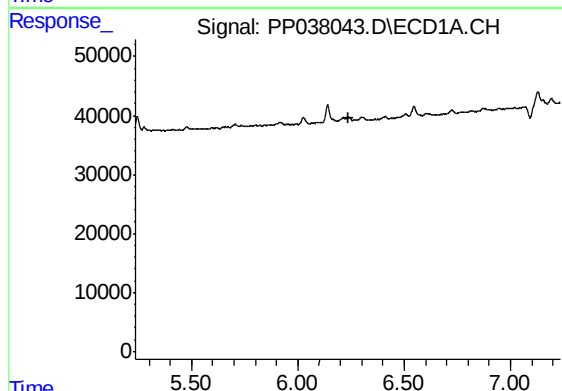
R.T.: 0.000 min  
Exp R.T. : 6.212 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



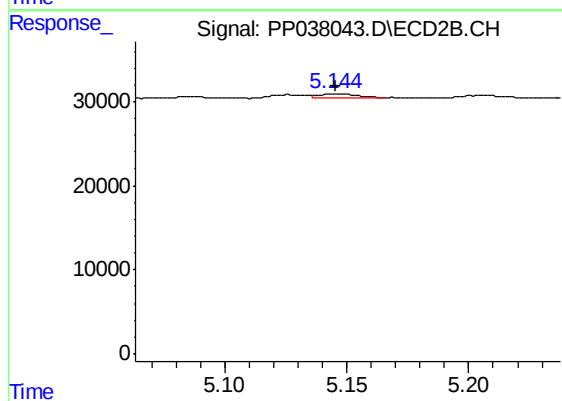
#16 AR-1242-1

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 3252  
Conc: 4.51 ng/ml



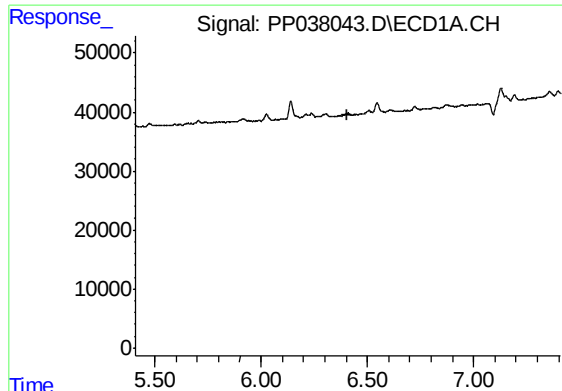
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 6.236 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

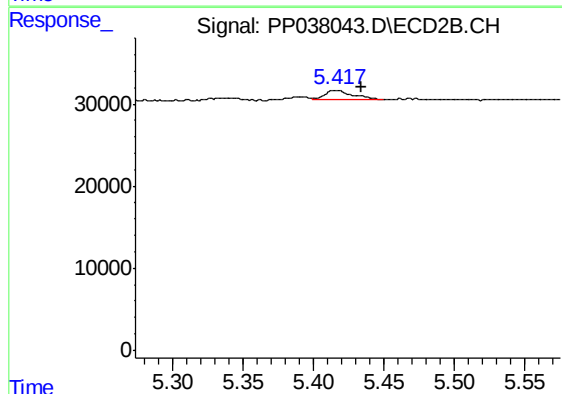
R.T.: 5.145 min  
Delta R.T.: 0.000 min  
Response: 5811  
Conc: 5.81 ng/ml



#19 AR-1242-4

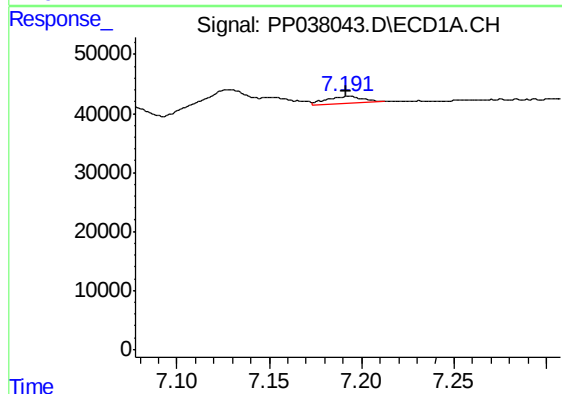
R.T.: 0.000 min  
Exp R.T.: 6.409 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



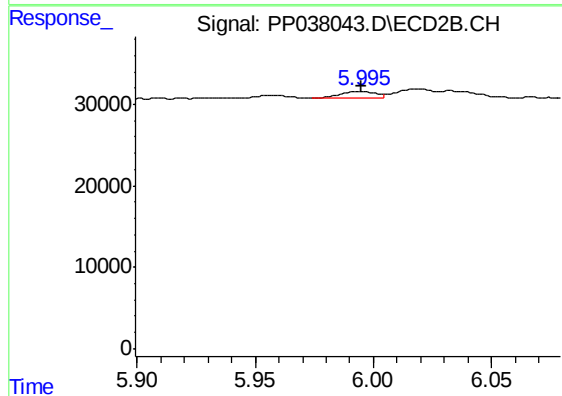
#19 AR-1242-4

R.T.: 5.417 min  
Delta R.T.: -0.017 min  
Response: 16427  
Conc: 31.27 ng/ml



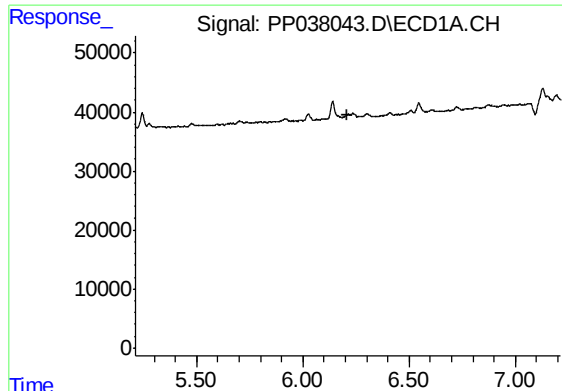
#20 AR-1242-5

R.T.: 7.193 min  
Delta R.T.: 0.001 min  
Response: 17545  
Conc: 21.28 ng/ml



#20 AR-1242-5

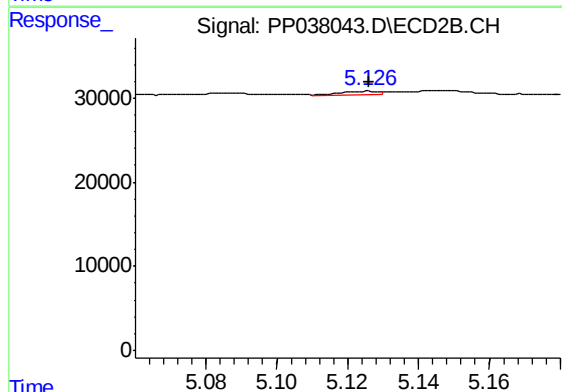
R.T.: 5.995 min  
Delta R.T.: 0.000 min  
Response: 9006  
Conc: 13.94 ng/ml



#21 AR-1248-1

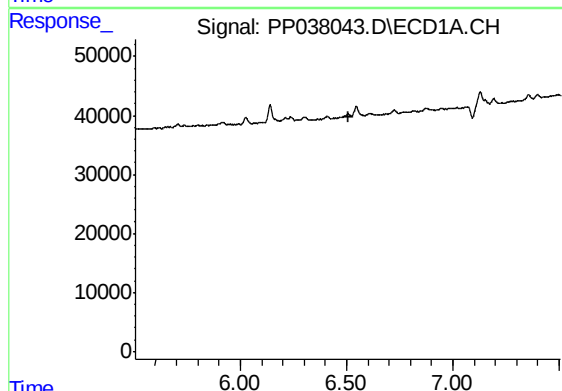
R.T.: 0.000 min  
Exp R.T. : 6.212 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



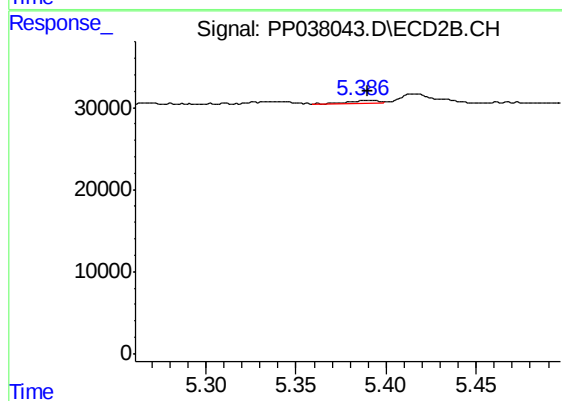
#21 AR-1248-1

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 3252  
Conc: 6.15 ng/ml



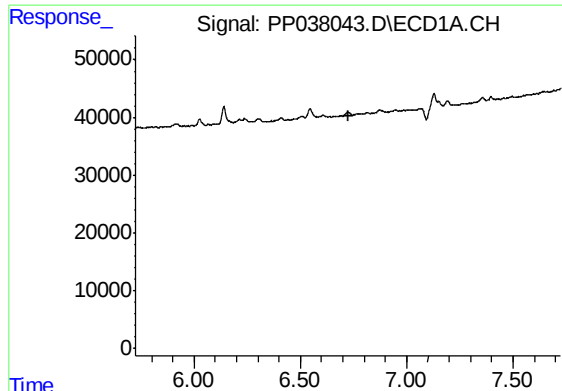
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.506 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

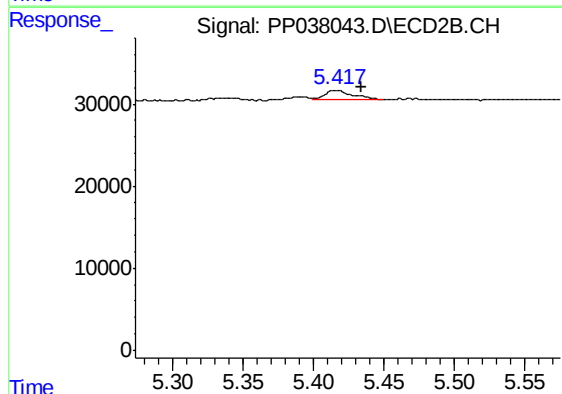
R.T.: 5.386 min  
Delta R.T.: -0.003 min  
Response: 4424  
Conc: 5.96 ng/ml



#23 AR-1248-3

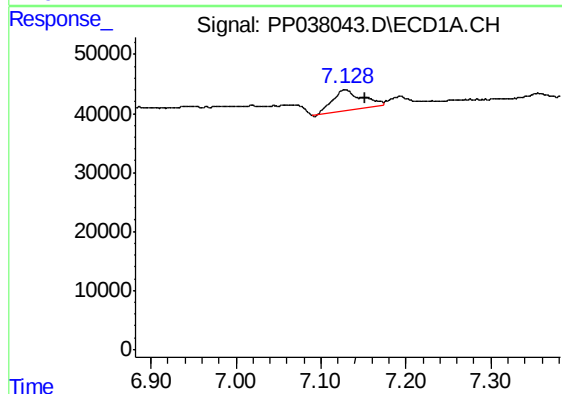
R.T.: 0.000 min  
Exp R.T.: 6.724 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



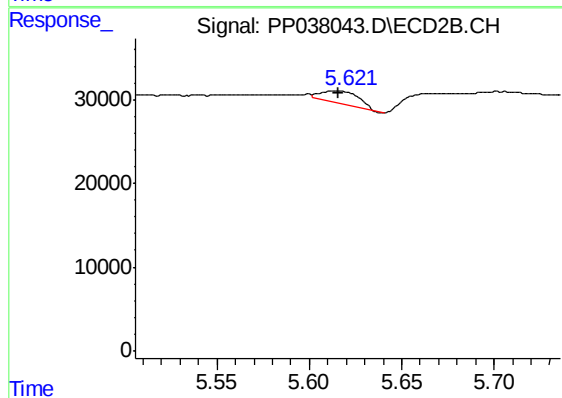
#23 AR-1248-3

R.T.: 5.417 min  
Delta R.T.: -0.016 min  
Response: 16427  
Conc: 20.88 ng/ml



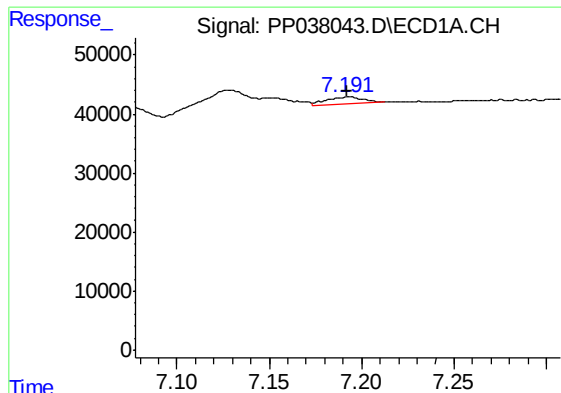
#24 AR-1248-4

R.T.: 7.128 min  
Delta R.T.: -0.023 min  
Response: 86398  
Conc: 63.99 ng/ml



#24 AR-1248-4

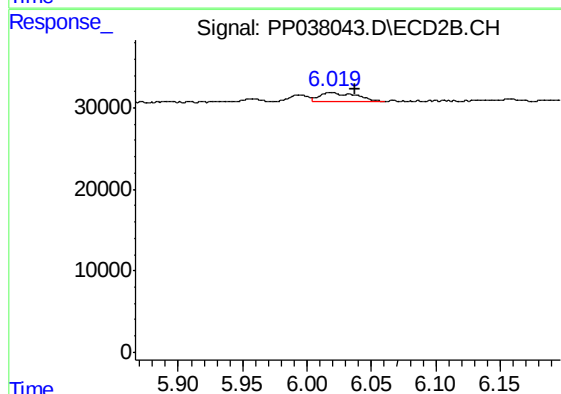
R.T.: 5.617 min  
Delta R.T.: 0.000 min  
Response: 21753  
Conc: 23.60 ng/ml



#25 AR-1248-5

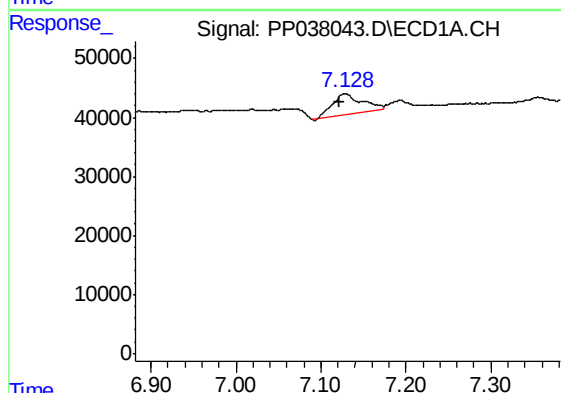
R.T.: 7.193 min  
Delta R.T.: 0.000 min  
Response: 17545  
Conc: 13.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



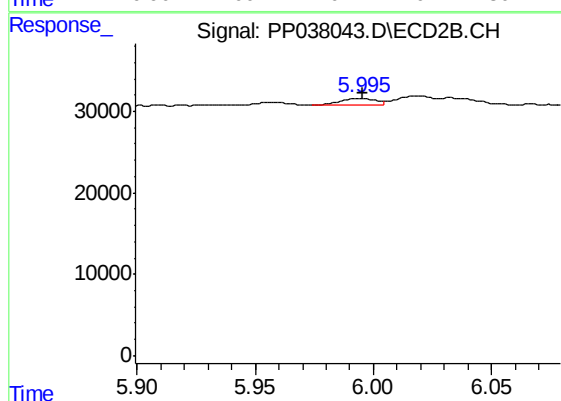
#25 AR-1248-5

R.T.: 6.019 min  
Delta R.T.: -0.018 min  
Response: 21904  
Conc: 23.27 ng/ml



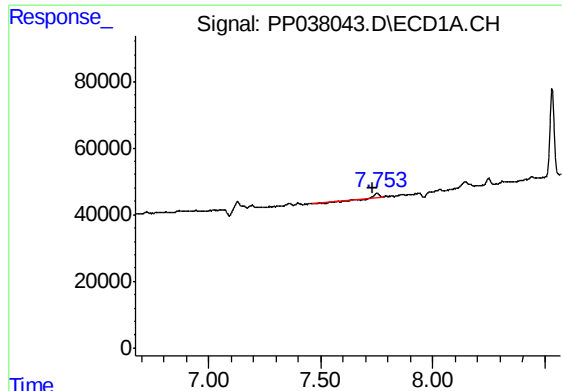
#26 AR-1254-1

R.T.: 7.128 min  
Delta R.T.: 0.007 min  
Response: 86398  
Conc: 66.31 ng/ml



#26 AR-1254-1

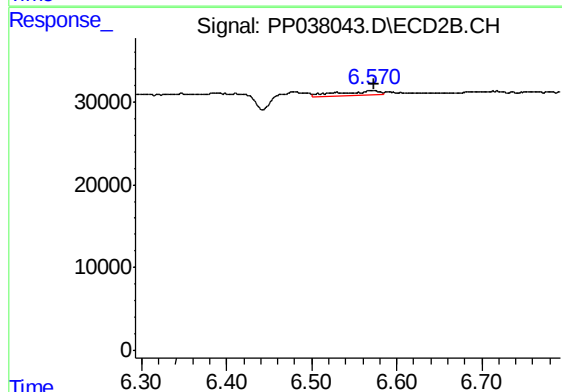
R.T.: 5.995 min  
Delta R.T.: 0.000 min  
Response: 9006  
Conc: 6.73 ng/ml



#28 AR-1254-3

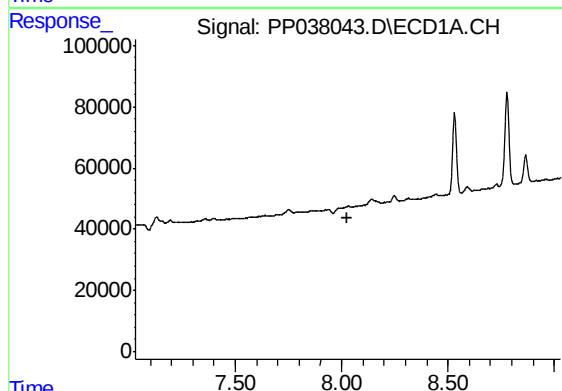
R.T.: 7.753 min  
Delta R.T.: 0.020 min  
Response: 7782  
Conc: 3.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



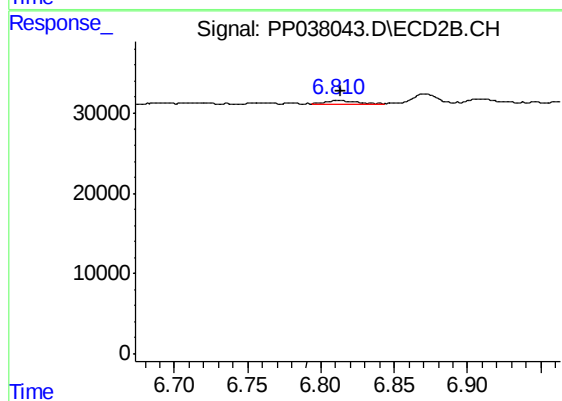
#28 AR-1254-3

R.T.: 6.571 min  
Delta R.T.: -0.002 min  
Response: 19009  
Conc: 10.07 ng/ml



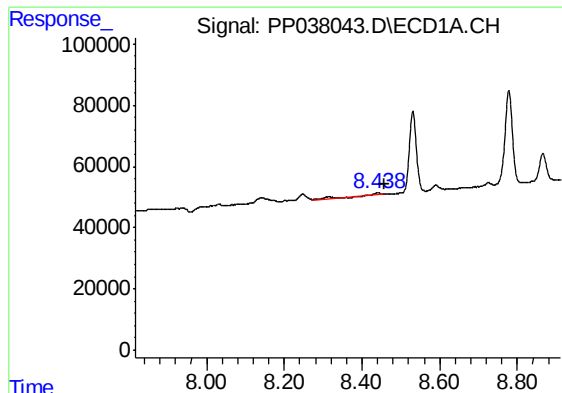
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 8.029 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

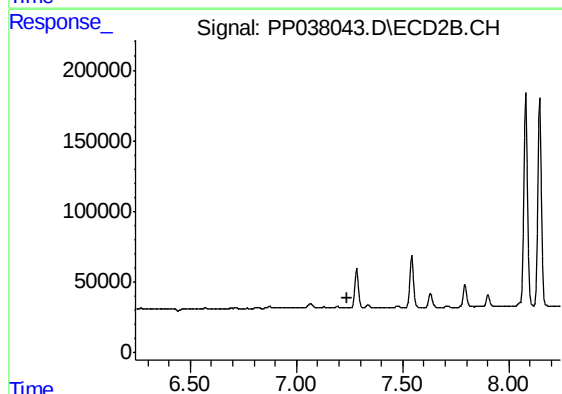
R.T.: 6.811 min  
Delta R.T.: -0.003 min  
Response: 5386  
Conc: 4.47 ng/ml



#30 AR-1254-5

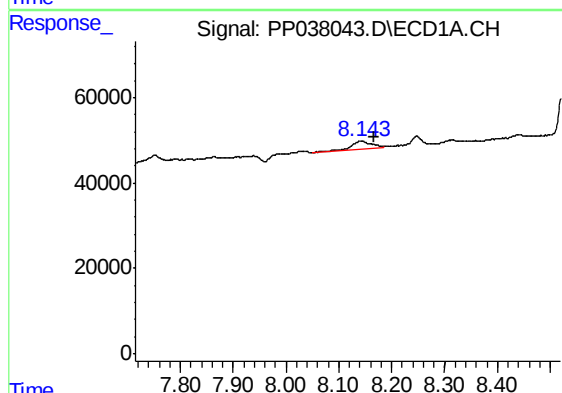
R.T.: 8.443 min  
Delta R.T.: -0.015 min  
Response: 9413  
Conc: 6.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



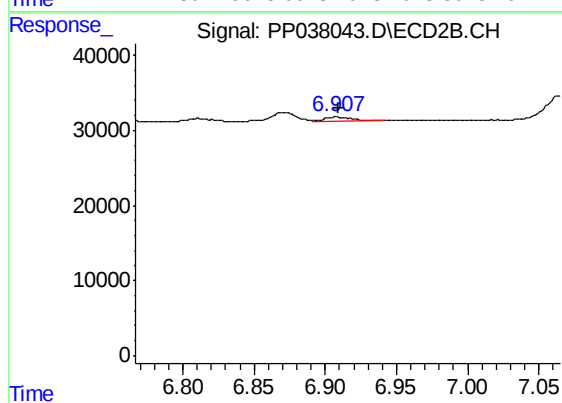
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.242 min  
Response: 0  
Conc: N.D.



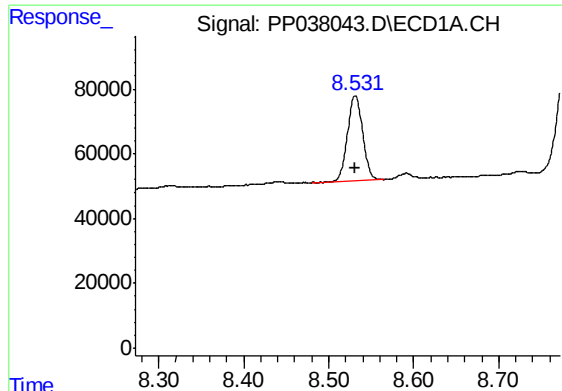
#32 AR-1260-2

R.T.: 8.144 min  
Delta R.T.: -0.022 min  
Response: 47852  
Conc: 27.79 ng/ml



#32 AR-1260-2

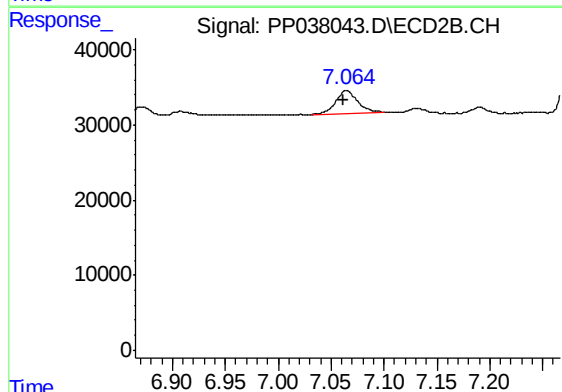
R.T.: 6.907 min  
Delta R.T.: -0.001 min  
Response: 7583  
Conc: 4.87 ng/ml



#33 AR-1260-3

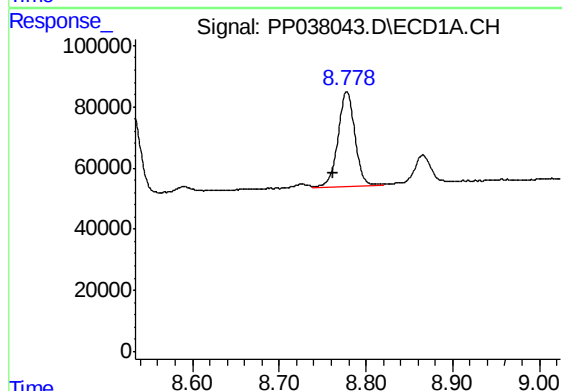
R.T.: 8.531 min  
Delta R.T.: 0.000 min  
Response: 326477  
Conc: 273.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



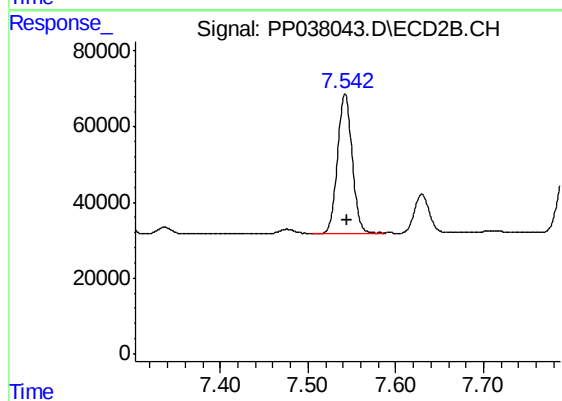
#33 AR-1260-3

R.T.: 7.064 min  
Delta R.T.: 0.003 min  
Response: 43520  
Conc: 28.59 ng/ml



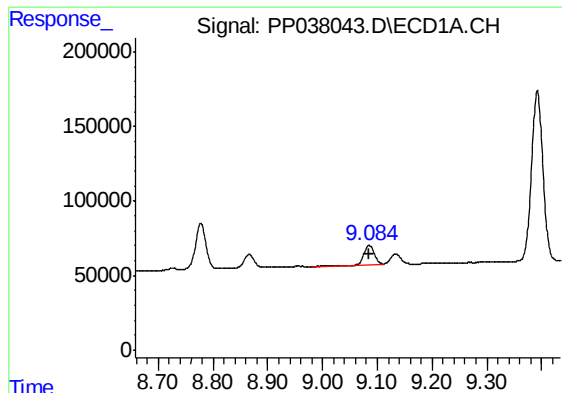
#34 AR-1260-4

R.T.: 8.778 min  
Delta R.T.: 0.016 min  
Response: 415290  
Conc: 291.57 ng/ml



#34 AR-1260-4

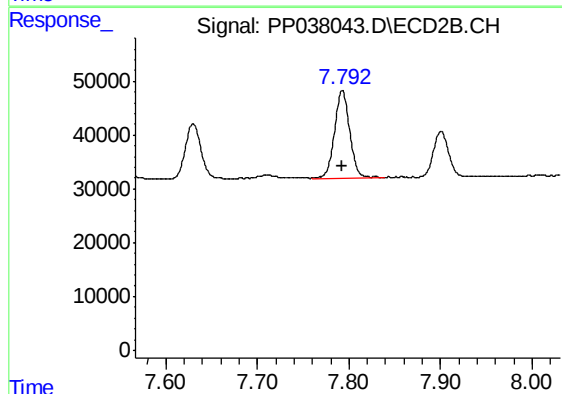
R.T.: 7.542 min  
Delta R.T.: -0.002 min  
Response: 427089  
Conc: 349.10 ng/ml



#35 AR-1260-5

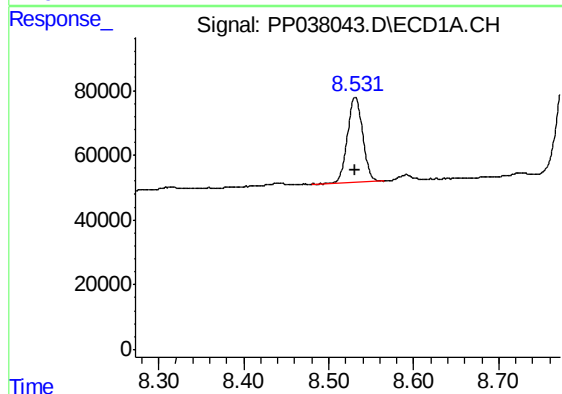
R.T.: 9.085 min  
Delta R.T.: 0.000 min  
Response: 189716  
Conc: 71.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



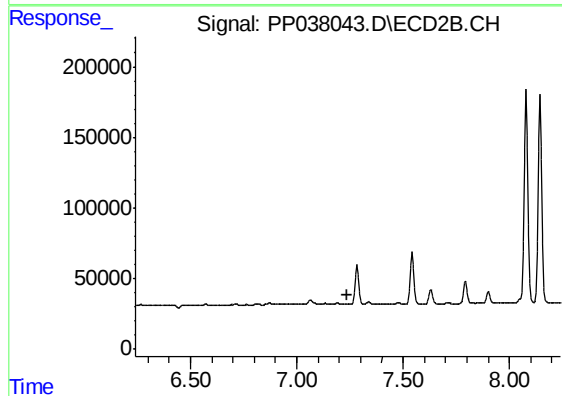
#35 AR-1260-5

R.T.: 7.793 min  
Delta R.T.: 0.000 min  
Response: 186660  
Conc: 63.92 ng/ml



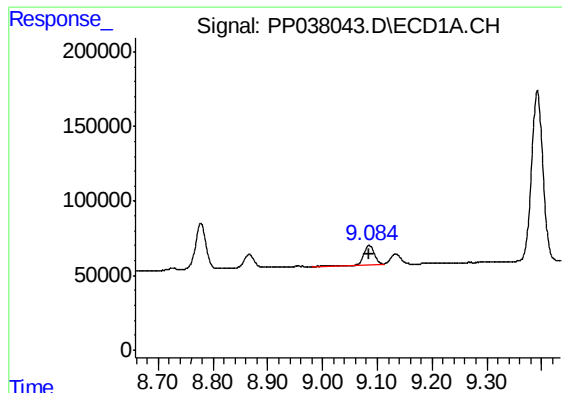
#36 AR-1262-1

R.T.: 8.531 min  
Delta R.T.: 0.000 min  
Response: 326477  
Conc: 198.74 ng/ml



#36 AR-1262-1

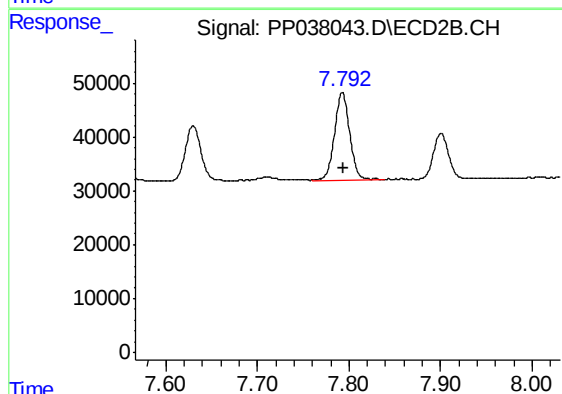
R.T.: 0.000 min  
Exp R.T. : 7.240 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

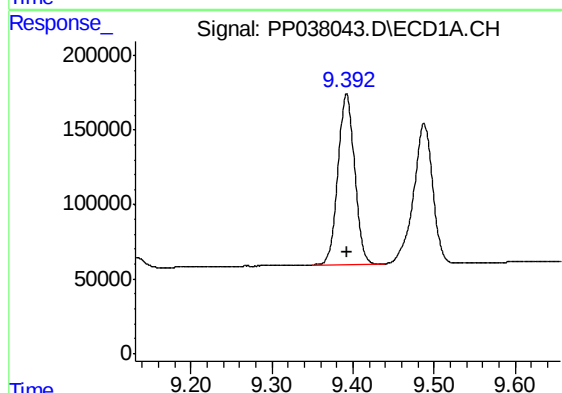
R.T.: 9.085 min  
Delta R.T.: 0.000 min  
Response: 189716  
Conc: 66.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



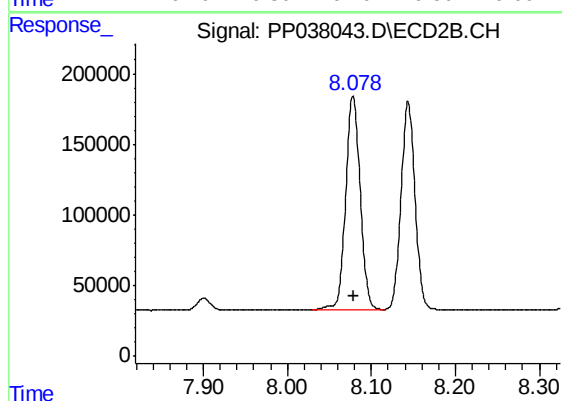
#37 AR-1262-2

R.T.: 7.793 min  
Delta R.T.: -0.001 min  
Response: 186660  
Conc: 60.32 ng/ml



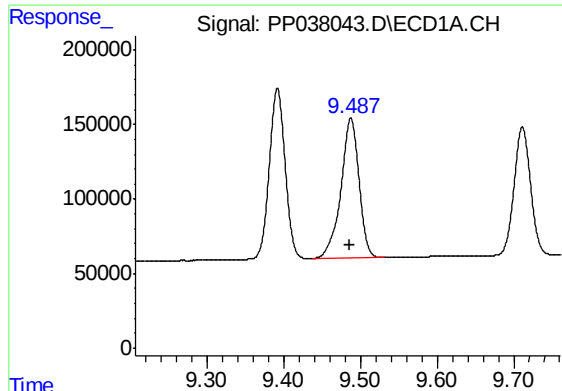
#38 AR-1262-3

R.T.: 9.392 min  
Delta R.T.: -0.001 min  
Response: 1633494  
Conc: 1379.26 ng/ml



#38 AR-1262-3

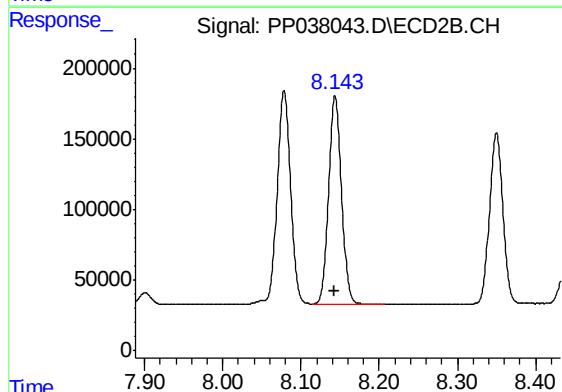
R.T.: 8.078 min  
Delta R.T.: -0.001 min  
Response: 1812476  
Conc: 1432.69 ng/ml



#39 AR-1262-4

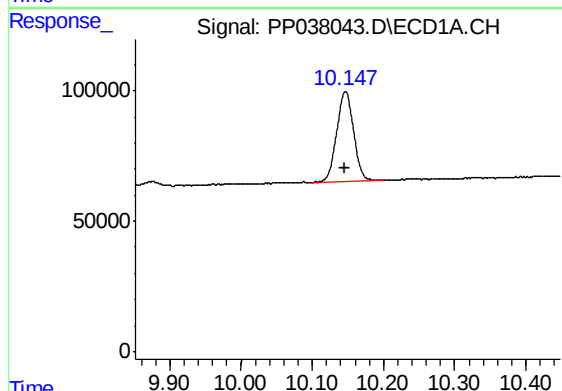
R.T.: 9.488 min  
Delta R.T.: 0.000 min  
Response: 1534714  
Conc: 2005.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



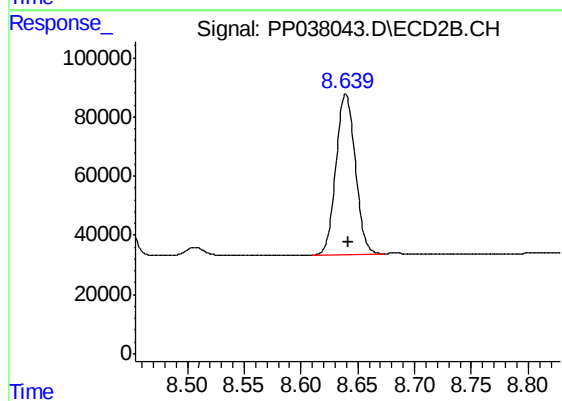
#39 AR-1262-4

R.T.: 8.144 min  
Delta R.T.: 0.000 min  
Response: 1698187  
Conc: 717.16 ng/ml



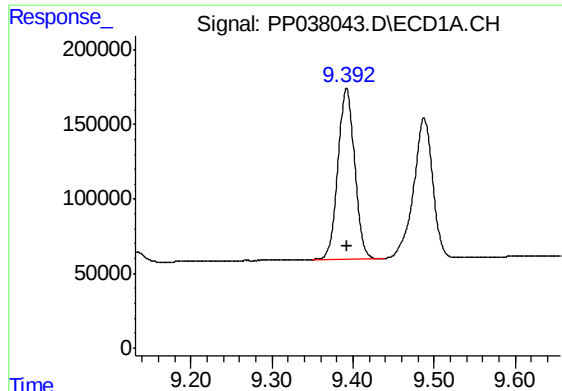
#40 AR-1262-5

R.T.: 10.147 min  
Delta R.T.: 0.000 min  
Response: 568783  
Conc: 573.61 ng/ml



#40 AR-1262-5

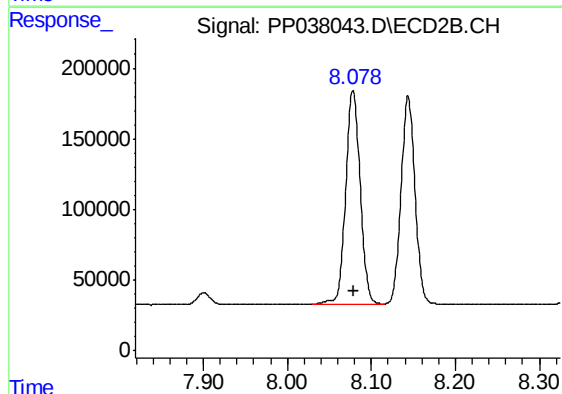
R.T.: 8.639 min  
Delta R.T.: -0.002 min  
Response: 640297  
Conc: 570.55 ng/ml



#41 AR-1268-1

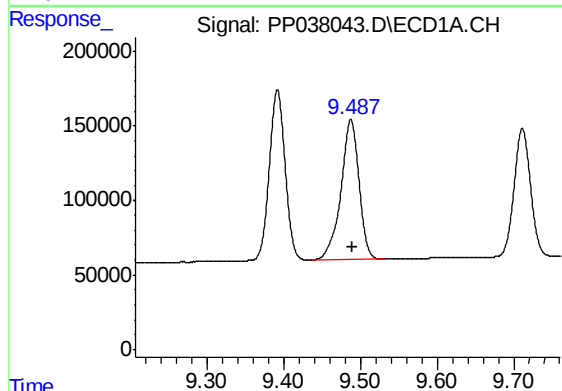
R.T.: 9.392 min  
Delta R.T.: -0.001 min  
Response: 1633494  
Conc: 499.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



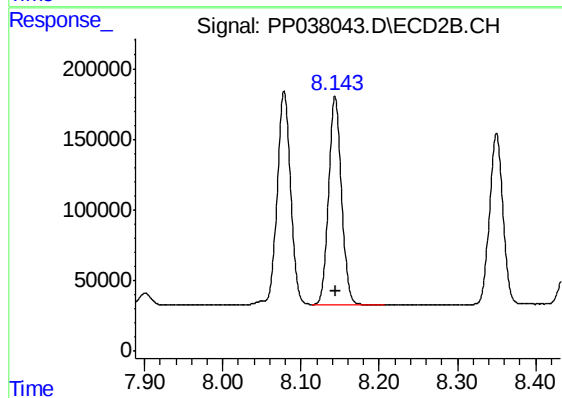
#41 AR-1268-1

R.T.: 8.078 min  
Delta R.T.: -0.001 min  
Response: 1812476  
Conc: 499.46 ng/ml



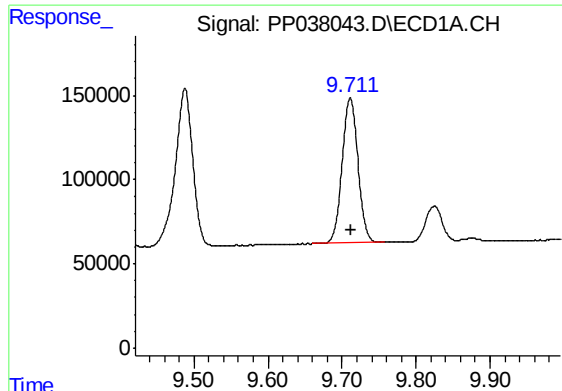
#42 AR-1268-2

R.T.: 9.488 min  
Delta R.T.: -0.002 min  
Response: 1534714  
Conc: 501.74 ng/ml



#42 AR-1268-2

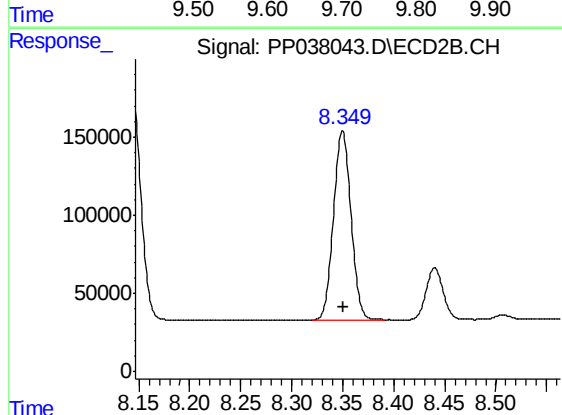
R.T.: 8.144 min  
Delta R.T.: 0.000 min  
Response: 1698187  
Conc: 497.07 ng/ml



#43 AR-1268-3

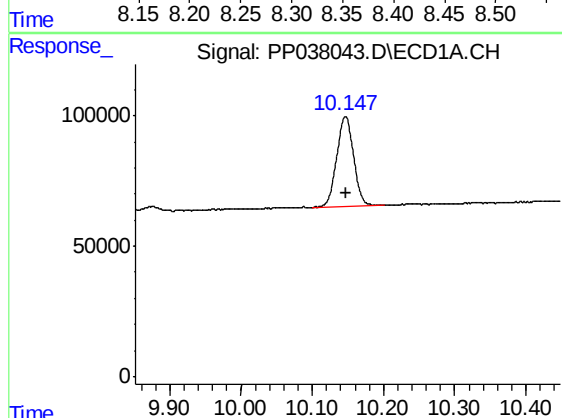
R.T.: 9.711 min  
Delta R.T.: -0.002 min  
Response: 1277853  
Conc: 503.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



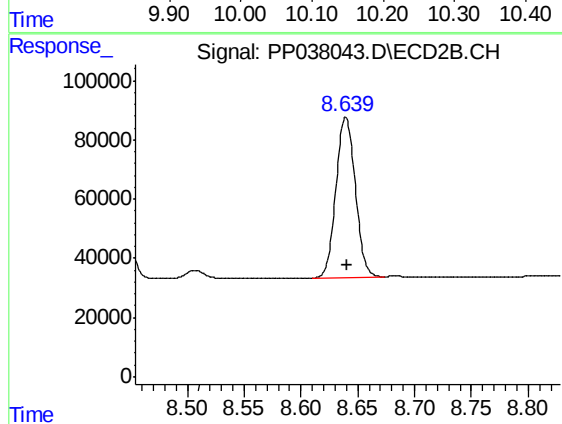
#43 AR-1268-3

R.T.: 8.350 min  
Delta R.T.: 0.000 min  
Response: 1434686  
Conc: 503.52 ng/ml



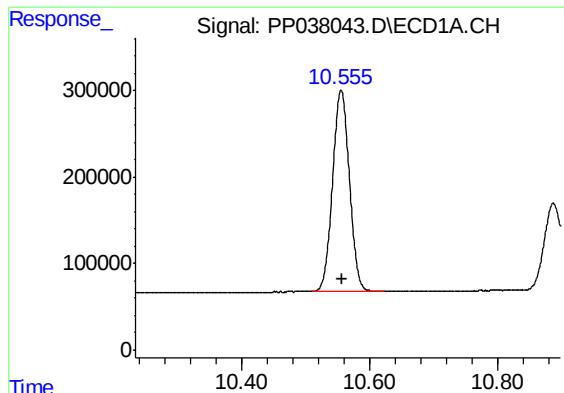
#44 AR-1268-4

R.T.: 10.147 min  
Delta R.T.: -0.001 min  
Response: 568783  
Conc: 515.45 ng/ml



#44 AR-1268-4

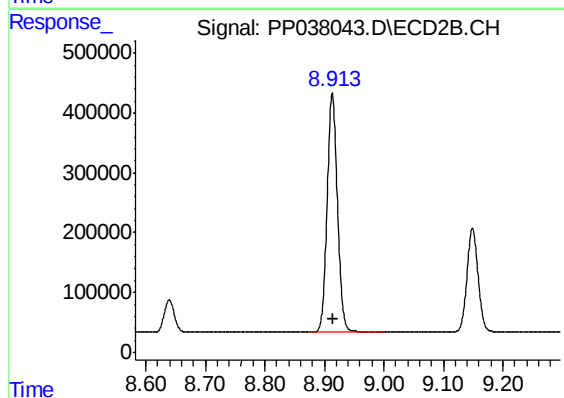
R.T.: 8.639 min  
Delta R.T.: -0.002 min  
Response: 640297  
Conc: 505.93 ng/ml



#45 AR-1268-5

R.T.: 10.555 min  
Delta R.T.: -0.002 min  
Response: 4246634  
Conc: 505.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268CCC500



#45 AR-1268-5

R.T.: 8.913 min  
Delta R.T.: -0.002 min  
Response: 4755710  
Conc: 501.10 ng/ml