

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP122220\  
 Data File : PP032317.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 22 Dec 2020 14:23  
 Operator : DD\AJ  
 Sample : L5159-03RE  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 17:20:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP121120.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Dec 12 05:15:55 2020  
 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... | 0.000  | 4.063  | 0        | 3118489  | N.D.       | 65.935 #    |
| 2)                          | SA Decachlor... | 10.636 | 9.336  | 930457   | 955711   | 29.671     | 28.498      |
| Target Compounds            |                 |        |        |          |          |            |             |
| 3)                          | L1 AR-1016-1    | 6.092  | 5.320  | 2326644  | 2246208  | 1595.164   | 1718.404    |
| 4)                          | L1 AR-1016-2    | 6.113  | 5.320  | 1917144  | 2246208  | 853.497    | 1134.514 #  |
| 5)                          | L1 AR-1016-3    | 6.189f | 5.541f | 1508212  | 458127   | 1091.198   | 428.414 #   |
| 6)                          | L1 AR-1016-4    | 6.250f | 5.562  | 5590671  | 316398   | 4848.096   | 372.885 #   |
| 7)                          | L1 AR-1016-5    | 6.596  | 5.777f | 948078   | 320625   | 888.556    | 295.067 #   |
| 8)                          | L2 AR-1221-1    | 5.032  | 4.294  | 925135   | 40885046 | 1777.608   | 85463.829 # |
| 9)                          | L2 AR-1221-2    | 5.135  | 4.381f | 71306646 | 496989   | 179788.525 | 1381.051 #  |
| 10)                         | L2 AR-1221-3    | 5.195  | 4.512f | 4740804  | 3444425  | 3934.848   | 3079.691    |
| 11)                         | L3 AR-1232-1    | 5.195  | 4.512f | 4740804  | 3444425  | 4584.601   | 3717.697    |
| 12)                         | L3 AR-1232-2    | 5.775f | 5.320  | 5173377  | 2246208  | 9647.582   | 2617.846 #  |
| 13)                         | L3 AR-1232-3    | 6.113  | 5.541f | 1917144  | 458127   | 1993.946   | 1008.968 #  |
| 14)                         | L3 AR-1232-4    | 6.250f | 5.599  | 5590671  | 1526780  | 11683.098  | 3891.591 #  |
| 15)                         | L3 AR-1232-5    | 6.369  | 5.777f | 718452   | 320625   | 2360.308   | 741.276 #   |
| 16)                         | L4 AR-1242-1    | 6.092  | 5.320f | 2326644  | 2246208  | 2030.623   | 2168.588    |
| 17)                         | L4 AR-1242-2    | 6.113  | 5.320  | 1917144  | 2246208  | 1088.448   | 1453.178 #  |
| 18)                         | L4 AR-1242-3    | 6.189f | 5.541f | 1508212  | 458127   | 1359.071   | 544.107 #   |
| 19)                         | L4 AR-1242-4    | 6.250f | 5.599  | 5590671  | 1526780  | 6143.347   | 1882.337 #  |
| 20)                         | L4 AR-1242-5    | 7.068  | 6.168  | 2088667  | 320195   | 2408.013   | 360.040 #   |
| 21)                         | L5 AR-1248-1    | 6.092  | 5.320f | 2326644  | 2246208  | 2673.144   | 2870.660    |
| 22)                         | L5 AR-1248-2    | 6.369  | 5.562  | 718452   | 316398   | 606.531    | 273.858 #   |
| 23)                         | L5 AR-1248-3    | 6.596  | 5.599  | 948078   | 1526780  | 649.854    | 1249.912 #  |
| 24)                         | L5 AR-1248-4    | 7.011  | 5.777f | 269258   | 320625   | 188.215    | 218.654     |
| 25)                         | L5 AR-1248-5    | 7.068  | 6.217  | 2088667  | 2100749  | 1407.565   | 1674.403    |
| 26)                         | L6 AR-1254-1    | 7.011f | 6.168  | 269258   | 320195   | 173.353    | 154.906     |
| 27)                         | L6 AR-1254-2    | 7.199f | 6.360f | 1736197  | 1243430  | 754.774    | 693.598     |
| 28)                         | L6 AR-1254-3    | 7.594  | 6.742  | 414773   | 370807   | 170.343    | 129.743     |
| 30)                         | L6 AR-1254-5    | 0.000  | 7.410  | 0        | 20497    | N.D.       | 8.616 #     |
| 31)                         | L7 AR-1260-1    | 7.752  | 6.868f | 239959   | 97505    | 138.457    | 51.430 #    |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.223f | 0        | 50605    | N.D.       | 23.818 #    |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.094  | 0        | 77602    | N.D.       | 6.137 #     |
| -----                       |                 |        |        |          |          |            |             |

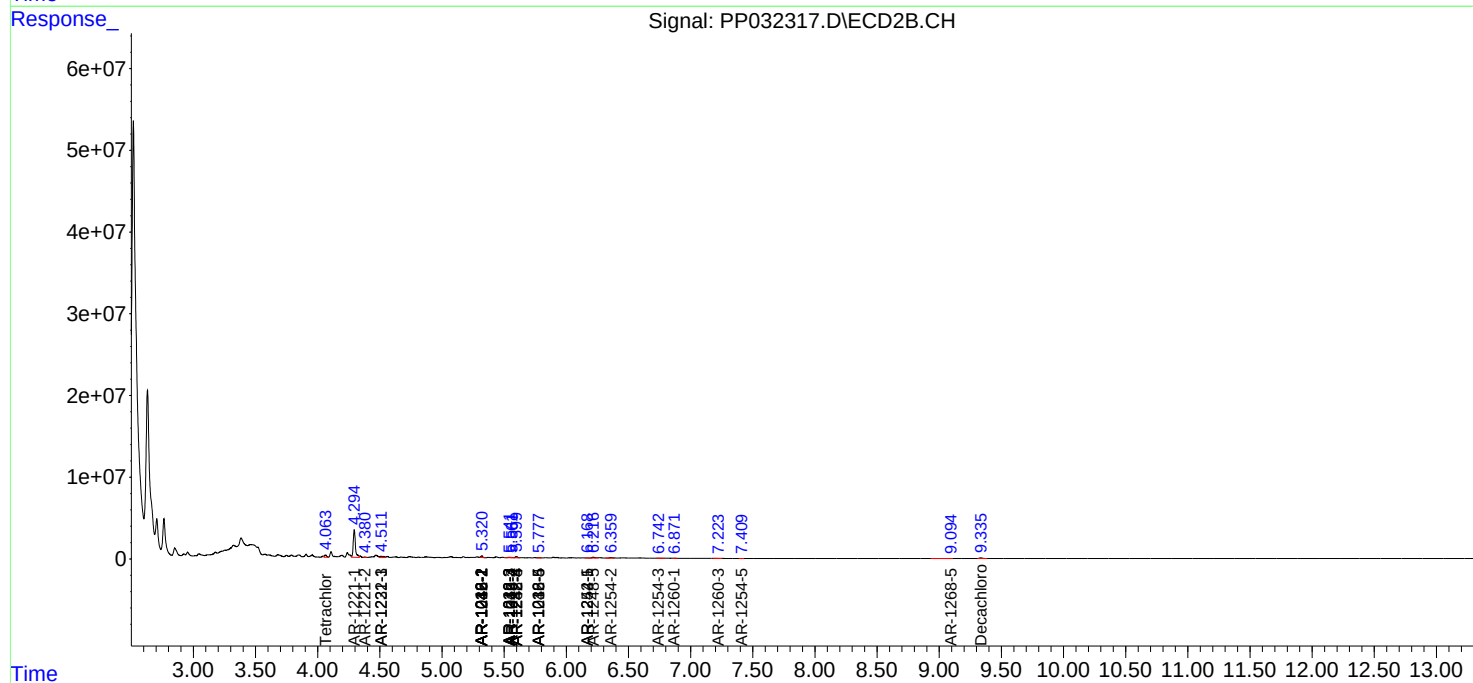
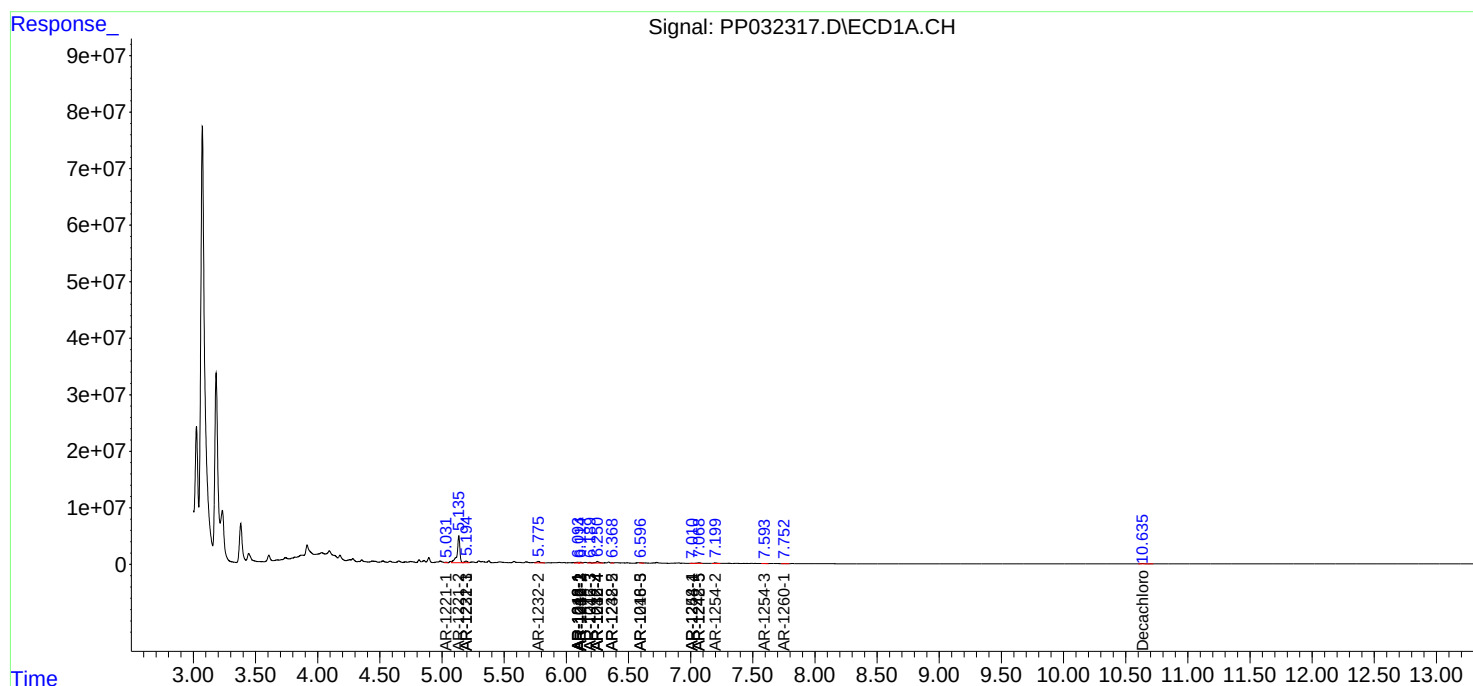
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

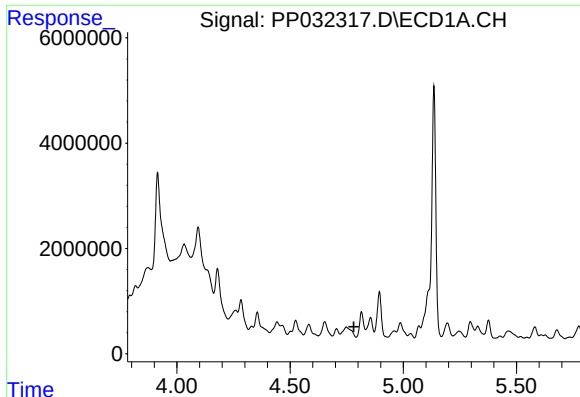
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP122220\  
Data File : PP032317.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 22 Dec 2020 14:23  
Operator : DD\AJ  
Sample : L5159-03RE  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 17:20:21 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP121120.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Dec 12 05:15:55 2020  
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

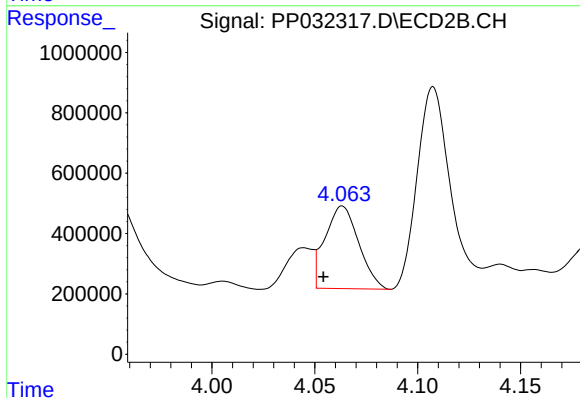




#1 Tetrachloro-m-xylene

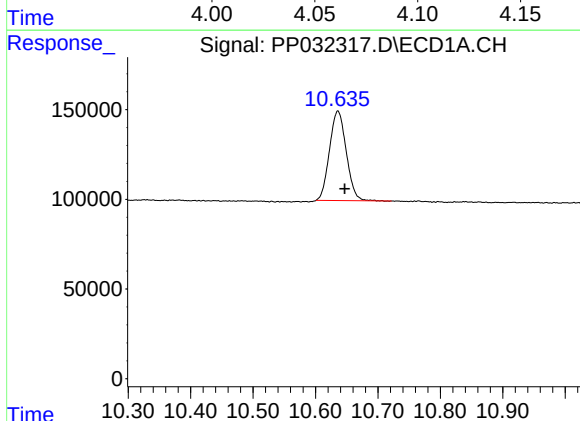
R.T.: 0.000 min  
Exp R.T.: 4.782 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



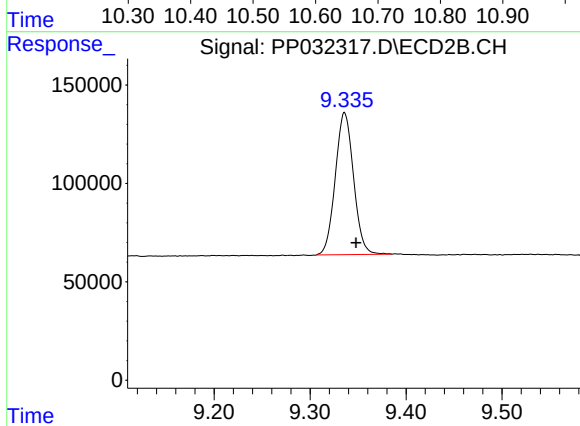
#1 Tetrachloro-m-xylene

R.T.: 4.063 min  
Delta R.T.: 0.009 min  
Response: 3118489  
Conc: 65.94 ng/ml



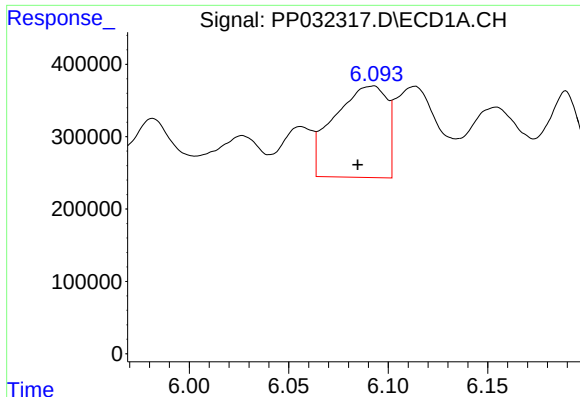
#2 Decachlorobiphenyl

R.T.: 10.636 min  
Delta R.T.: -0.011 min  
Response: 930457  
Conc: 29.67 ng/ml



#2 Decachlorobiphenyl

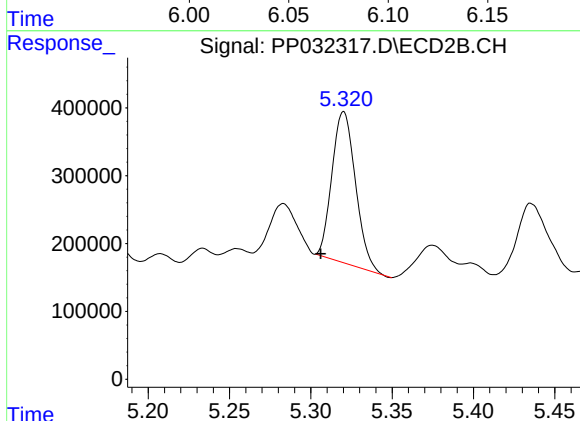
R.T.: 9.336 min  
Delta R.T.: -0.012 min  
Response: 955711  
Conc: 28.50 ng/ml



#3 AR-1016-1

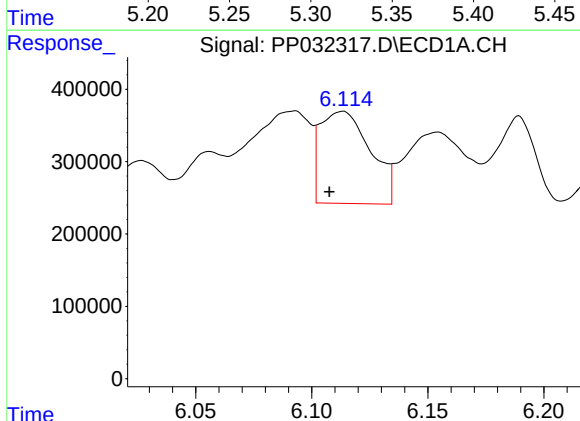
R.T.: 6.092 min  
Delta R.T.: 0.007 min  
Response: 2326644  
Conc: 1595.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



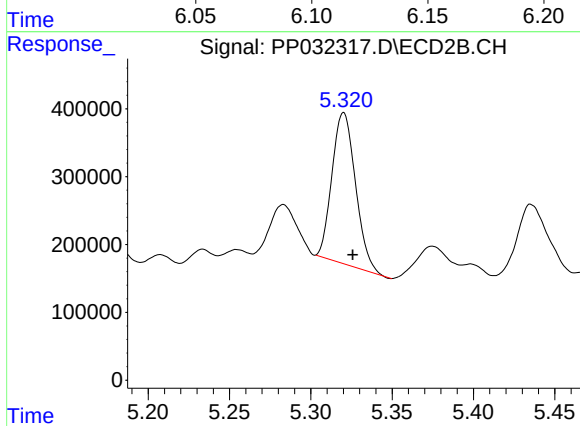
#3 AR-1016-1

R.T.: 5.320 min  
Delta R.T.: 0.014 min  
Response: 2246208  
Conc: 1718.40 ng/ml



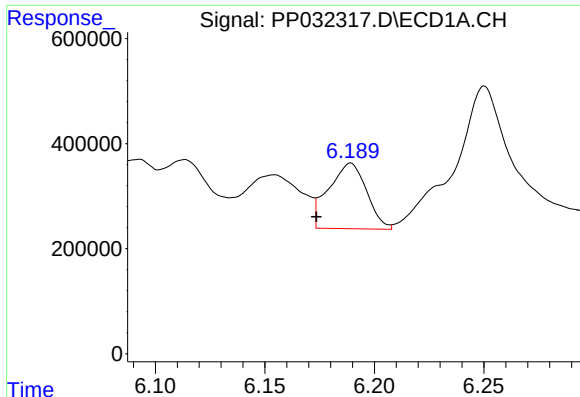
#4 AR-1016-2

R.T.: 6.113 min  
Delta R.T.: 0.006 min  
Response: 1917144  
Conc: 853.50 ng/ml



#4 AR-1016-2

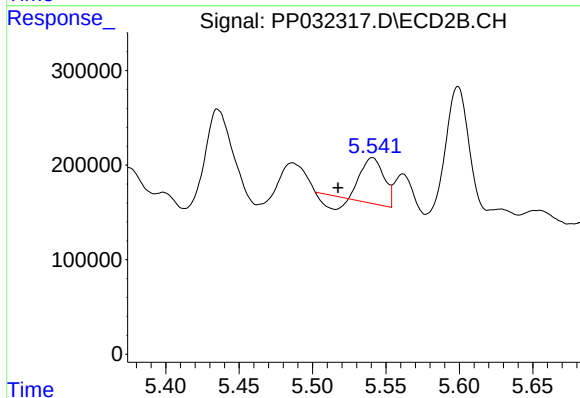
R.T.: 5.320 min  
Delta R.T.: -0.006 min  
Response: 2246208  
Conc: 1134.51 ng/ml



#5 AR-1016-3

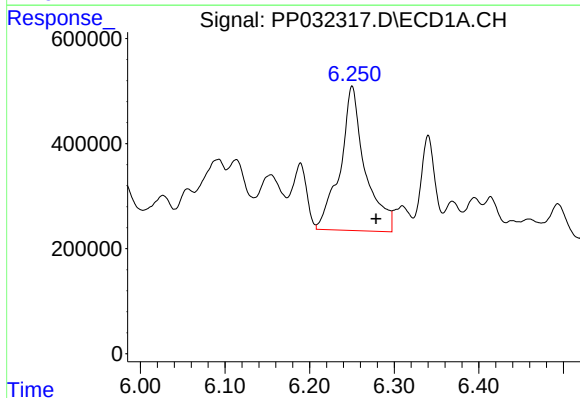
R.T.: 6.189 min  
Delta R.T.: 0.016 min  
Response: 1508212  
Conc: 1091.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



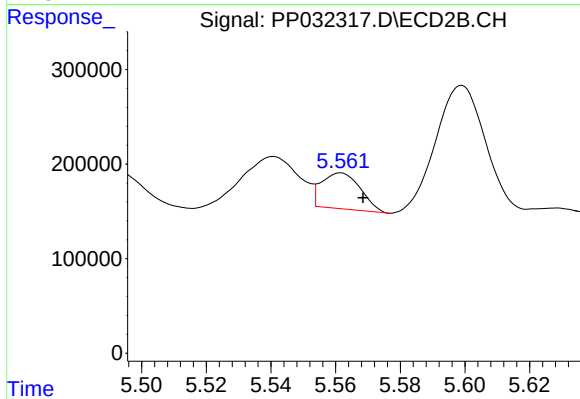
#5 AR-1016-3

R.T.: 5.541 min  
Delta R.T.: 0.023 min  
Response: 458127  
Conc: 428.41 ng/ml



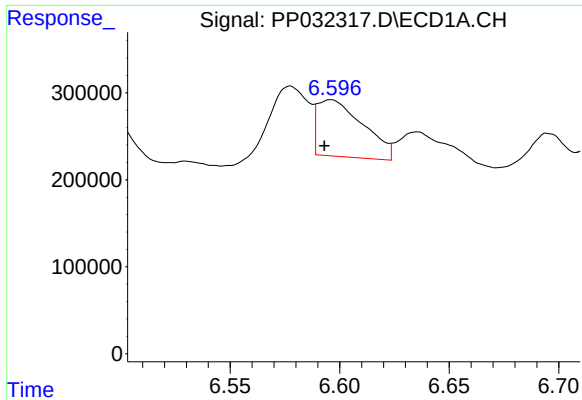
#6 AR-1016-4

R.T.: 6.250 min  
Delta R.T.: -0.028 min  
Response: 5590671  
Conc: 4848.10 ng/ml



#6 AR-1016-4

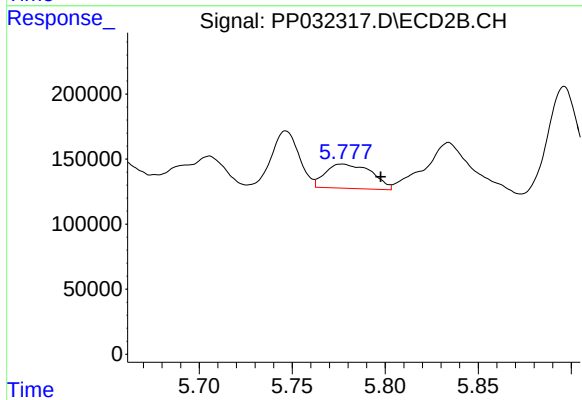
R.T.: 5.562 min  
Delta R.T.: -0.007 min  
Response: 316398  
Conc: 372.88 ng/ml



#7 AR-1016-5

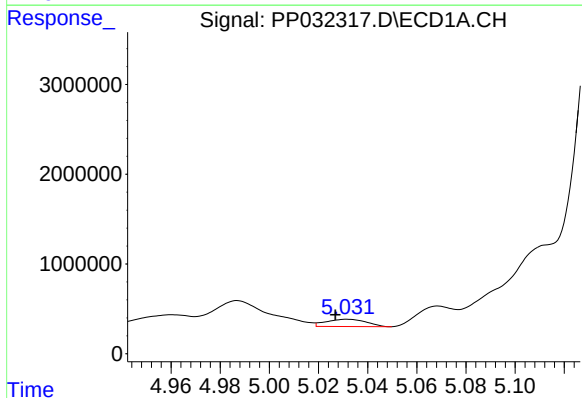
R.T.: 6.596 min  
Delta R.T.: 0.003 min  
Response: 948078  
Conc: 888.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



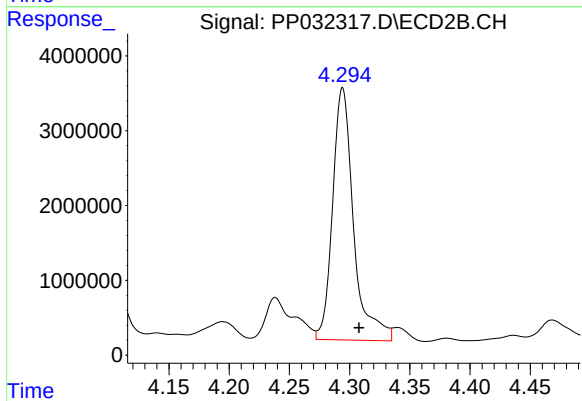
#7 AR-1016-5

R.T.: 5.777 min  
Delta R.T.: -0.021 min  
Response: 320625  
Conc: 295.07 ng/ml



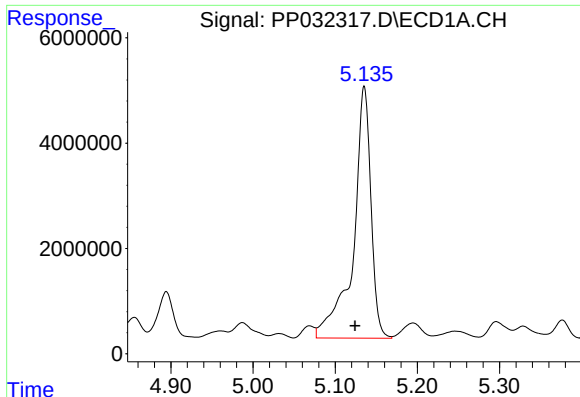
#8 AR-1221-1

R.T.: 5.032 min  
Delta R.T.: 0.005 min  
Response: 925135  
Conc: 1777.61 ng/ml



#8 AR-1221-1

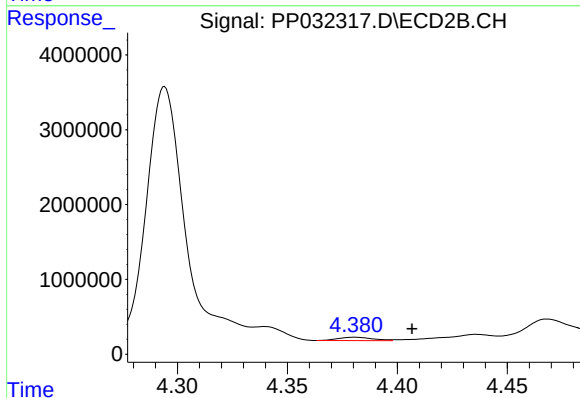
R.T.: 4.294 min  
Delta R.T.: -0.014 min  
Response: 40885046  
Conc: 85463.83 ng/ml



#9 AR-1221-2

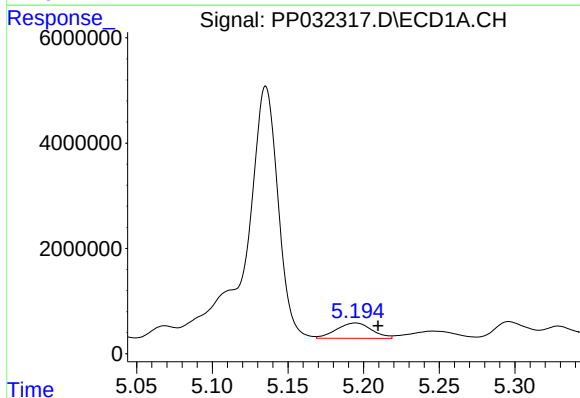
R.T.: 5.135 min  
Delta R.T.: 0.011 min  
Response: 71306646  
Conc: 179788.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



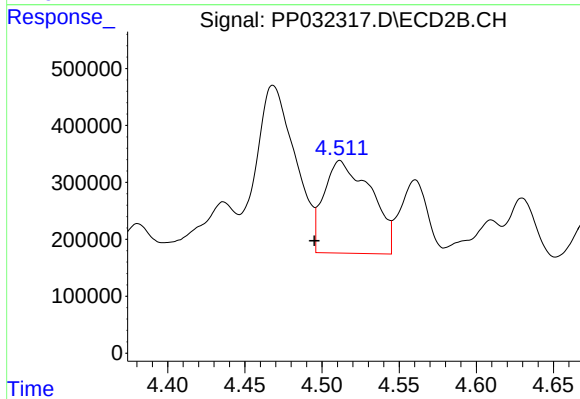
#9 AR-1221-2

R.T.: 4.381 min  
Delta R.T.: -0.026 min  
Response: 496989  
Conc: 1381.05 ng/ml



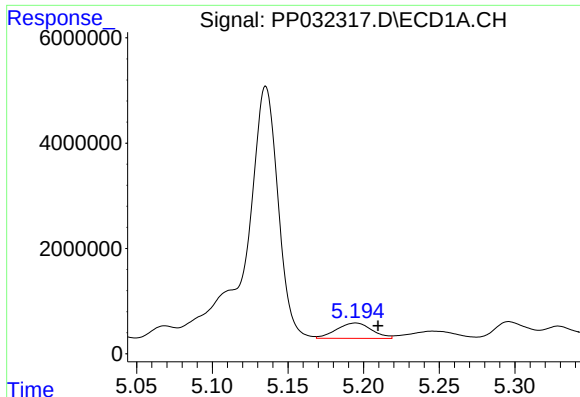
#10 AR-1221-3

R.T.: 5.195 min  
Delta R.T.: -0.015 min  
Response: 4740804  
Conc: 3934.85 ng/ml



#10 AR-1221-3

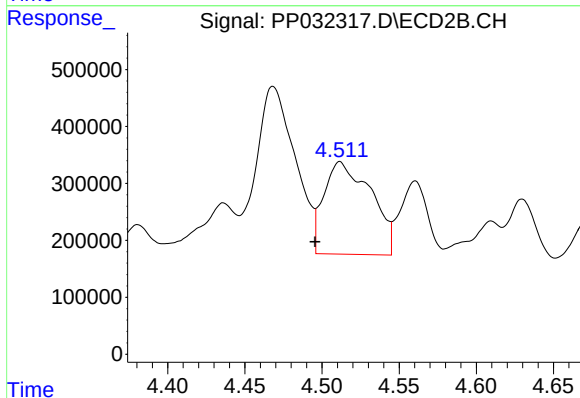
R.T.: 4.512 min  
Delta R.T.: 0.017 min  
Response: 3444425  
Conc: 3079.69 ng/ml



#11 AR-1232-1

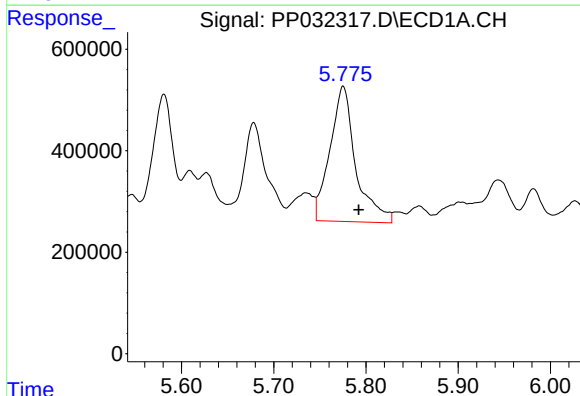
R.T.: 5.195 min  
Delta R.T.: -0.015 min  
Response: 4740804  
Conc: 4584.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



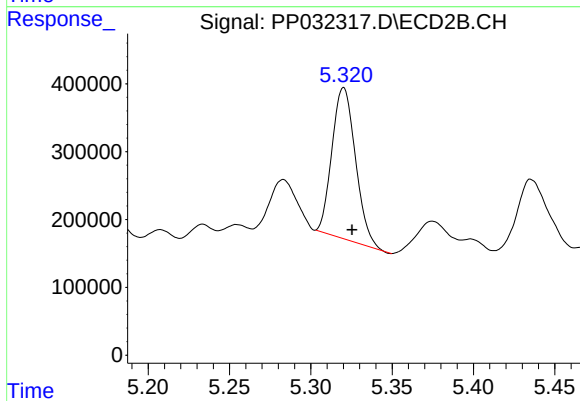
#11 AR-1232-1

R.T.: 4.512 min  
Delta R.T.: 0.016 min  
Response: 3444425  
Conc: 3717.70 ng/ml



#12 AR-1232-2

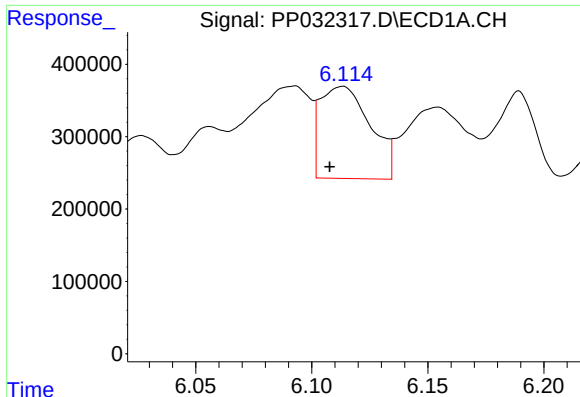
R.T.: 5.775 min  
Delta R.T.: -0.017 min  
Response: 5173377  
Conc: 9647.58 ng/ml



#12 AR-1232-2

R.T.: 5.320 min  
Delta R.T.: -0.005 min  
Response: 2246208  
Conc: 2617.85 ng/ml

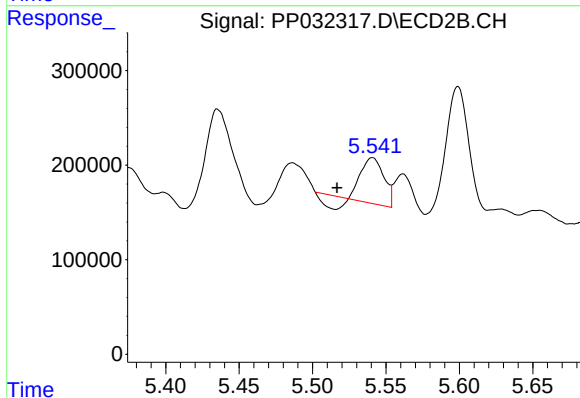




#13 AR-1232-3

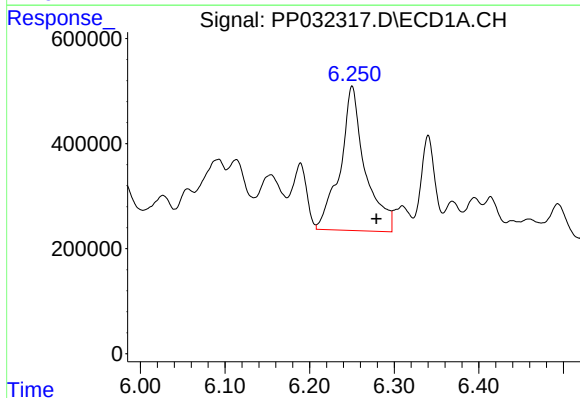
R.T.: 6.113 min  
Delta R.T.: 0.006 min  
Response: 1917144  
Conc: 1993.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



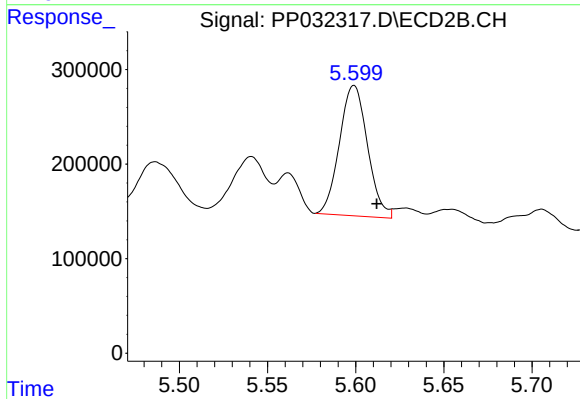
#13 AR-1232-3

R.T.: 5.541 min  
Delta R.T.: 0.024 min  
Response: 458127  
Conc: 1008.97 ng/ml



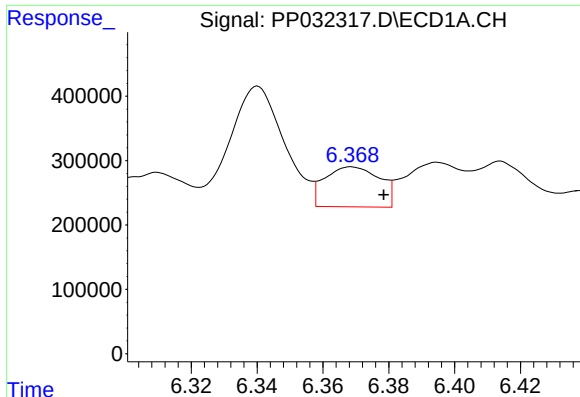
#14 AR-1232-4

R.T.: 6.250 min  
Delta R.T.: -0.029 min  
Response: 5590671  
Conc: 11683.10 ng/ml



#14 AR-1232-4

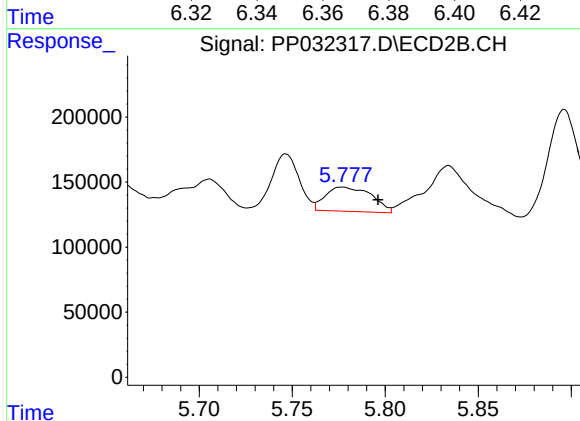
R.T.: 5.599 min  
Delta R.T.: -0.013 min  
Response: 1526780  
Conc: 3891.59 ng/ml



#15 AR-1232-5

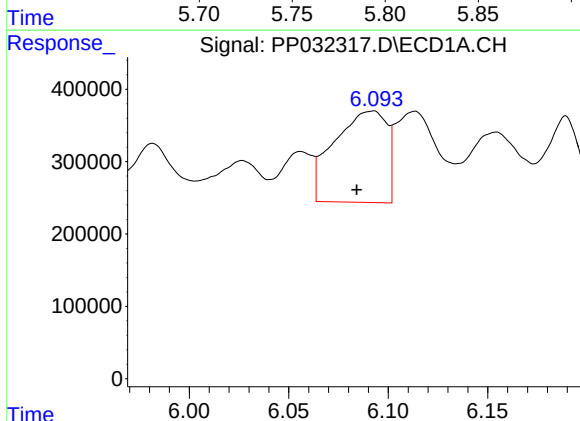
R.T.: 6.369 min  
Delta R.T.: -0.010 min  
Response: 718452  
Conc: 2360.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



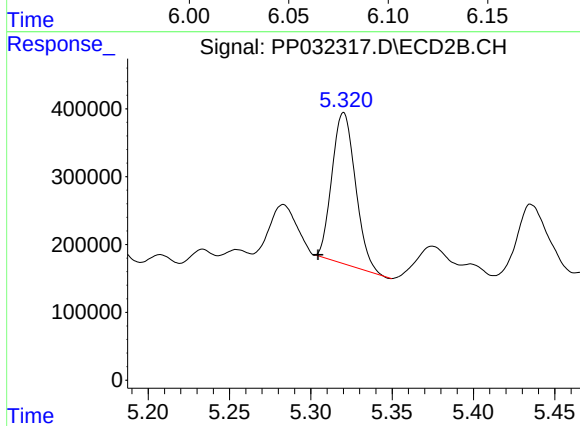
#15 AR-1232-5

R.T.: 5.777 min  
Delta R.T.: -0.019 min  
Response: 320625  
Conc: 741.28 ng/ml



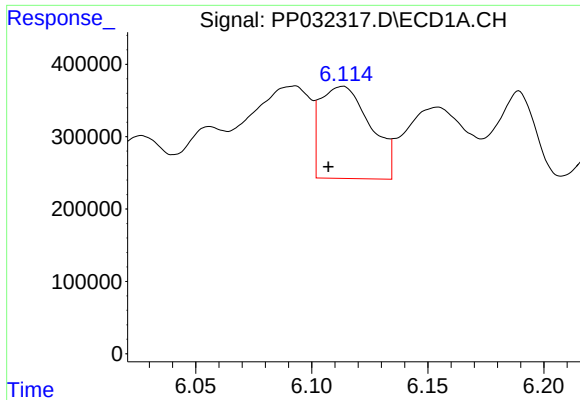
#16 AR-1242-1

R.T.: 6.092 min  
Delta R.T.: 0.008 min  
Response: 2326644  
Conc: 2030.62 ng/ml



#16 AR-1242-1

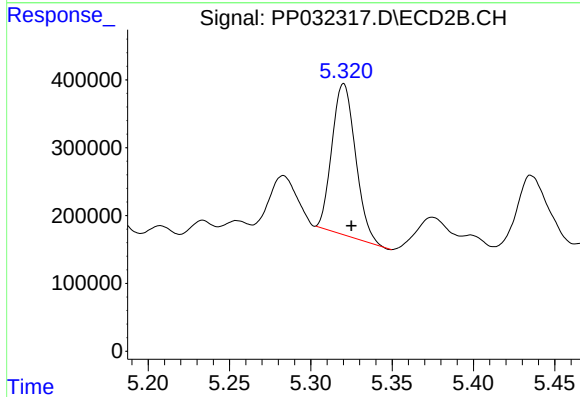
R.T.: 5.320 min  
Delta R.T.: 0.016 min  
Response: 2246208  
Conc: 2168.59 ng/ml



#17 AR-1242-2

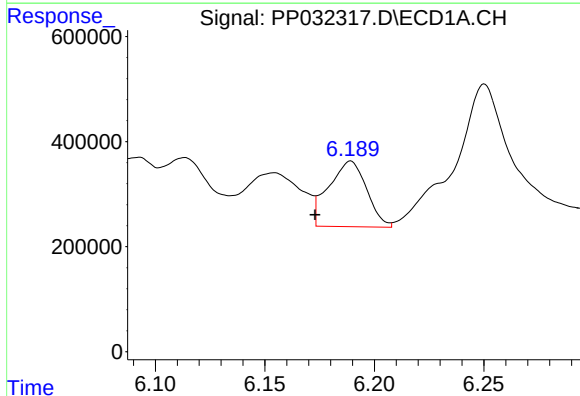
R.T.: 6.113 min  
Delta R.T.: 0.006 min  
Response: 1917144  
Conc: 1088.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



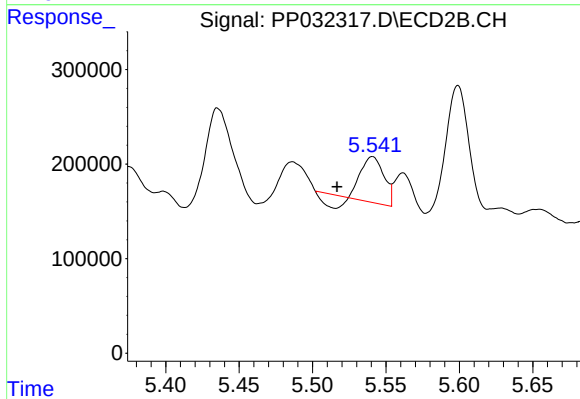
#17 AR-1242-2

R.T.: 5.320 min  
Delta R.T.: -0.005 min  
Response: 2246208  
Conc: 1453.18 ng/ml



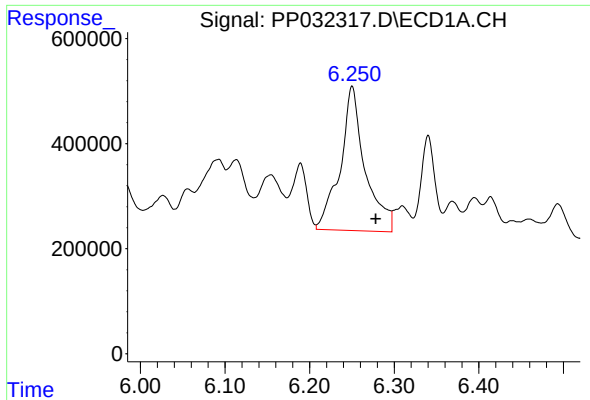
#18 AR-1242-3

R.T.: 6.189 min  
Delta R.T.: 0.016 min  
Response: 1508212  
Conc: 1359.07 ng/ml



#18 AR-1242-3

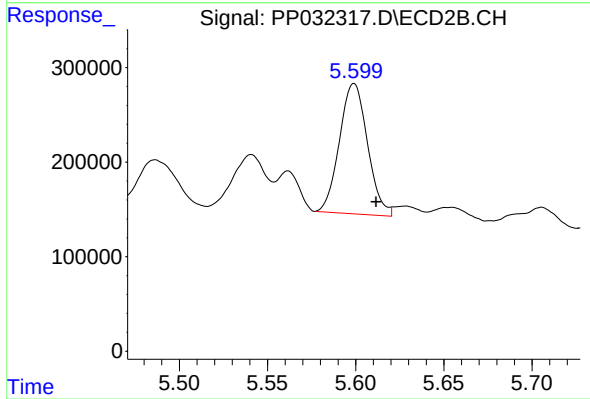
R.T.: 5.541 min  
Delta R.T.: 0.024 min  
Response: 458127  
Conc: 544.11 ng/ml



#19 AR-1242-4

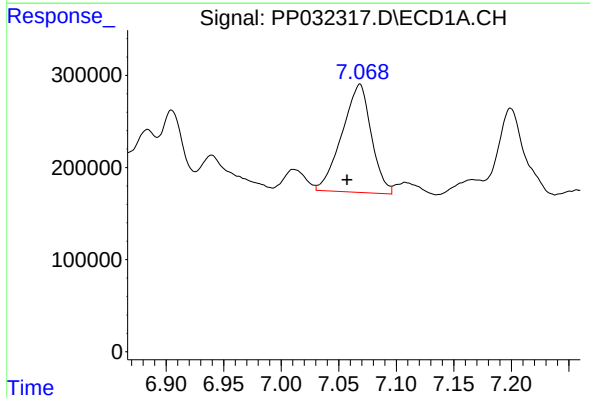
R.T.: 6.250 min  
Delta R.T.: -0.028 min  
Response: 5590671  
Conc: 6143.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



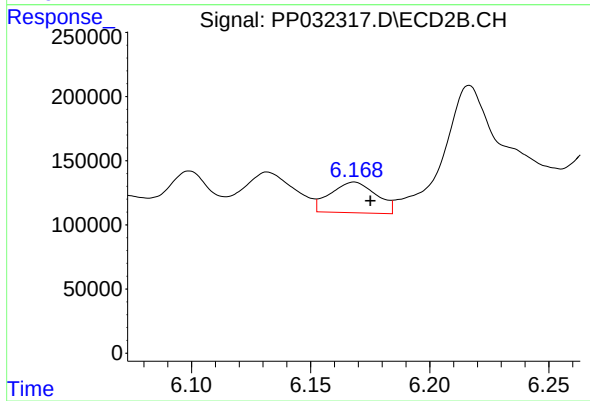
#19 AR-1242-4

R.T.: 5.599 min  
Delta R.T.: -0.012 min  
Response: 1526780  
Conc: 1882.34 ng/ml



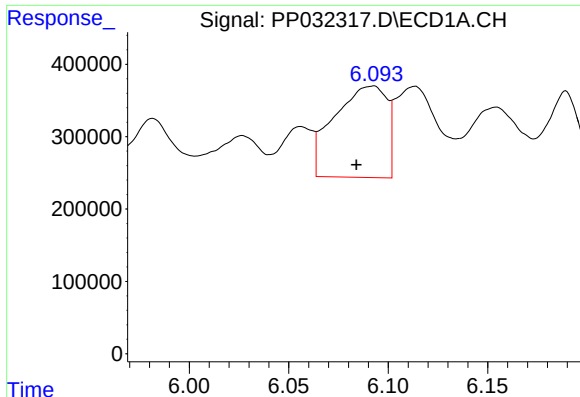
#20 AR-1242-5

R.T.: 7.068 min  
Delta R.T.: 0.011 min  
Response: 2088667  
Conc: 2408.01 ng/ml



#20 AR-1242-5

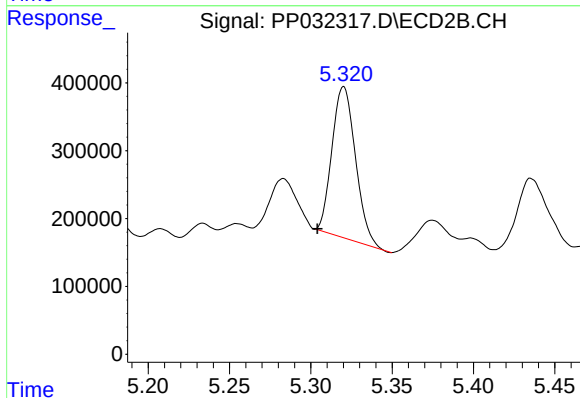
R.T.: 6.168 min  
Delta R.T.: -0.007 min  
Response: 320195  
Conc: 360.04 ng/ml



#21 AR-1248-1

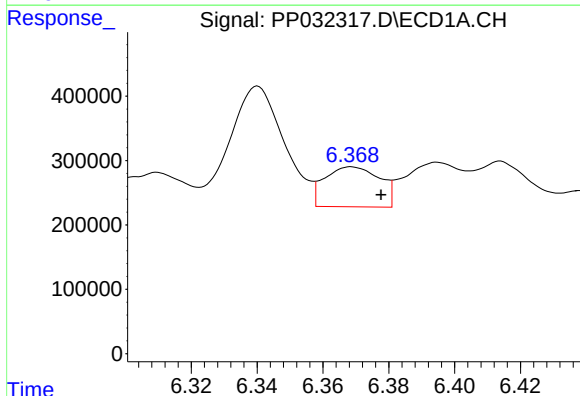
R.T.: 6.092 min  
Delta R.T.: 0.008 min  
Response: 2326644  
Conc: 2673.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



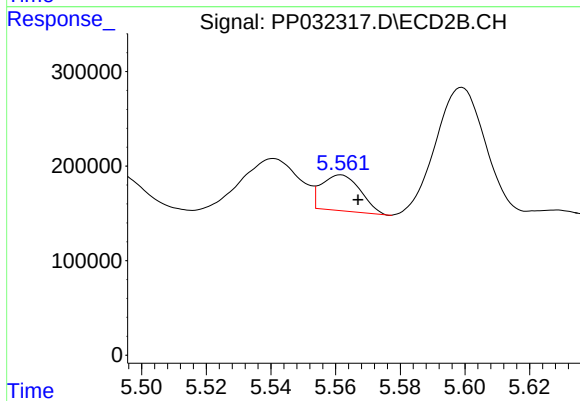
#21 AR-1248-1

R.T.: 5.320 min  
Delta R.T.: 0.016 min  
Response: 2246208  
Conc: 2870.66 ng/ml



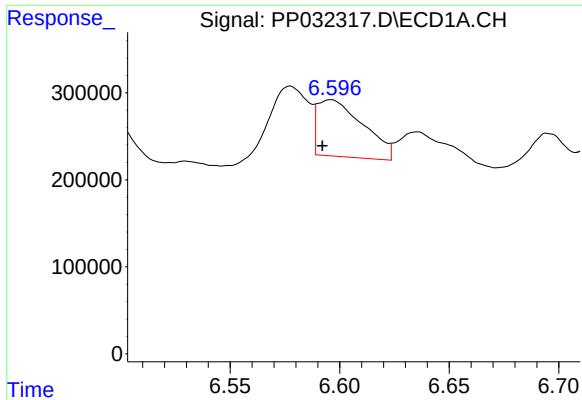
#22 AR-1248-2

R.T.: 6.369 min  
Delta R.T.: -0.009 min  
Response: 718452  
Conc: 606.53 ng/ml



#22 AR-1248-2

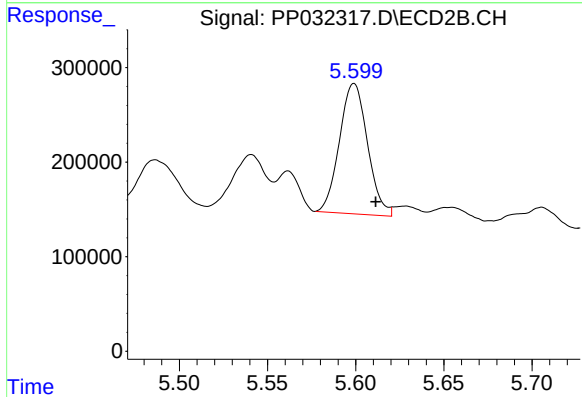
R.T.: 5.562 min  
Delta R.T.: -0.005 min  
Response: 316398  
Conc: 273.86 ng/ml



#23 AR-1248-3

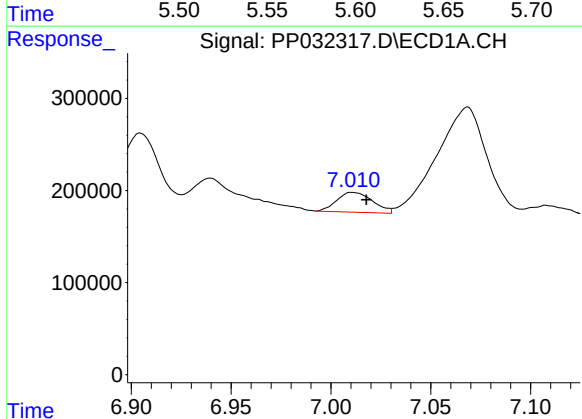
R.T.: 6.596 min  
Delta R.T.: 0.004 min  
Response: 948078  
Conc: 649.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



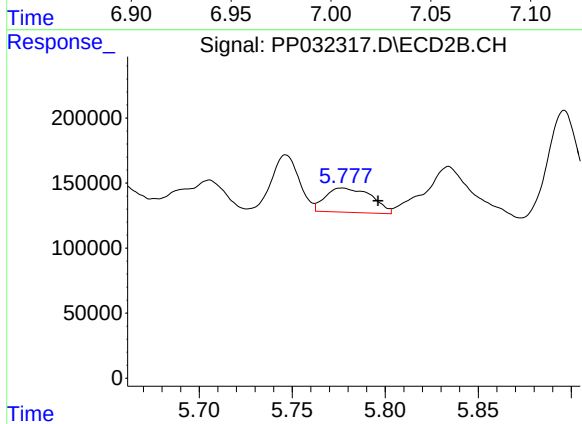
#23 AR-1248-3

R.T.: 5.599 min  
Delta R.T.: -0.012 min  
Response: 1526780  
Conc: 1249.91 ng/ml



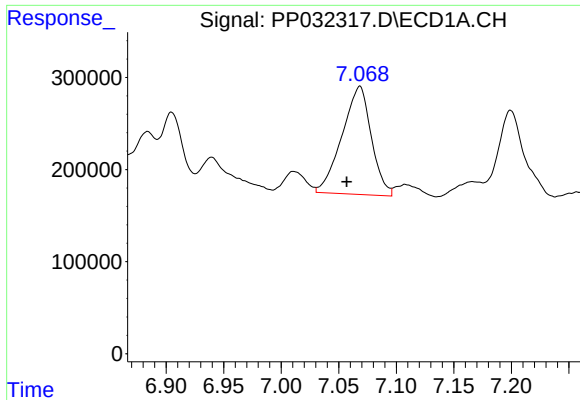
#24 AR-1248-4

R.T.: 7.011 min  
Delta R.T.: -0.007 min  
Response: 269258  
Conc: 188.22 ng/ml



#24 AR-1248-4

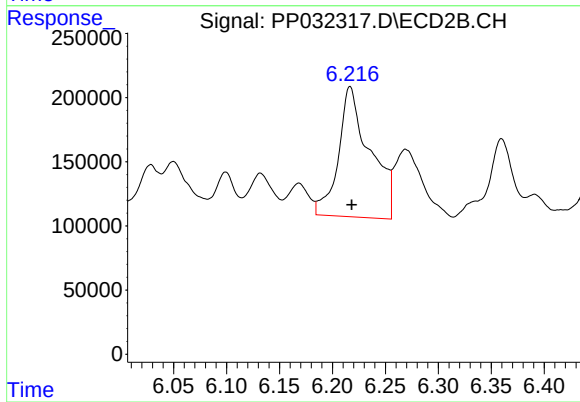
R.T.: 5.777 min  
Delta R.T.: -0.019 min  
Response: 320625  
Conc: 218.65 ng/ml



#25 AR-1248-5

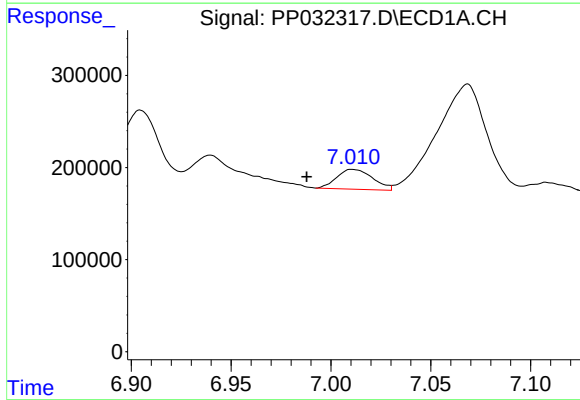
R.T.: 7.068 min  
Delta R.T.: 0.011 min  
Response: 2088667  
Conc: 1407.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



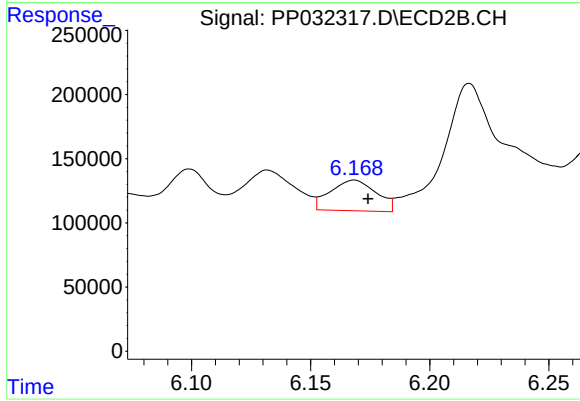
#25 AR-1248-5

R.T.: 6.217 min  
Delta R.T.: -0.002 min  
Response: 2100749  
Conc: 1674.40 ng/ml



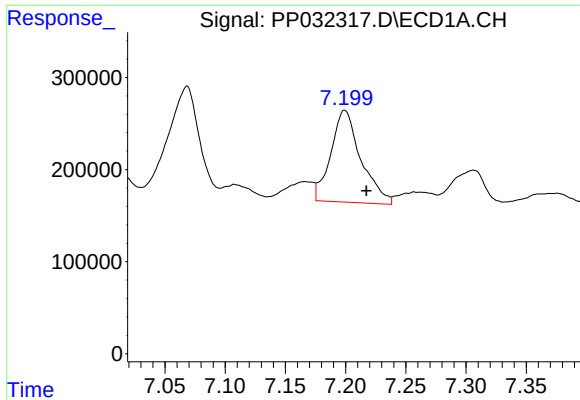
#26 AR-1254-1

R.T.: 7.011 min  
Delta R.T.: 0.023 min  
Response: 269258  
Conc: 173.35 ng/ml



#26 AR-1254-1

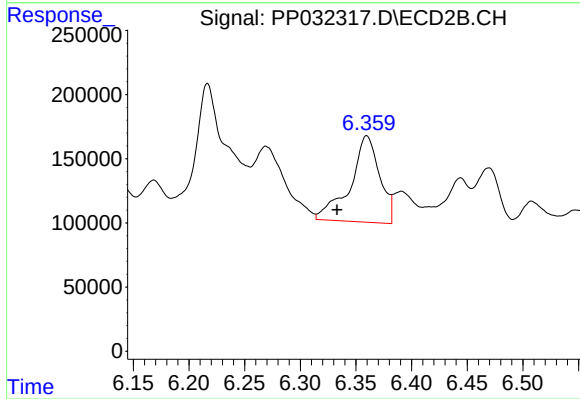
R.T.: 6.168 min  
Delta R.T.: -0.006 min  
Response: 320195  
Conc: 154.91 ng/ml



#27 AR-1254-2

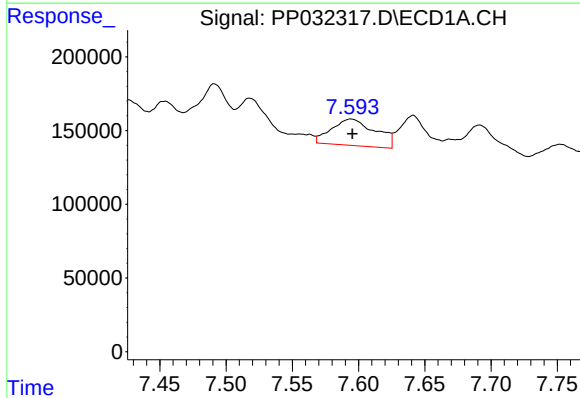
R.T.: 7.199 min  
Delta R.T.: -0.018 min  
Response: 1736197  
Conc: 754.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



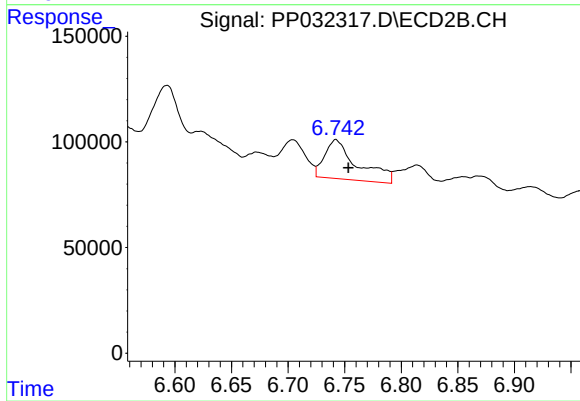
#27 AR-1254-2

R.T.: 6.360 min  
Delta R.T.: 0.027 min  
Response: 1243430  
Conc: 693.60 ng/ml



#28 AR-1254-3

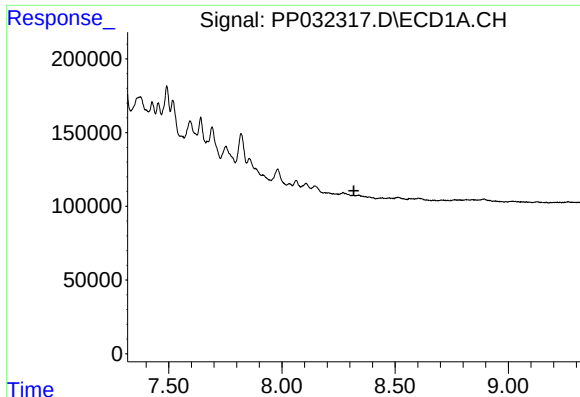
R.T.: 7.594 min  
Delta R.T.: 0.000 min  
Response: 414773  
Conc: 170.34 ng/ml



#28 AR-1254-3

R.T.: 6.742 min  
Delta R.T.: -0.011 min  
Response: 370807  
Conc: 129.74 ng/ml

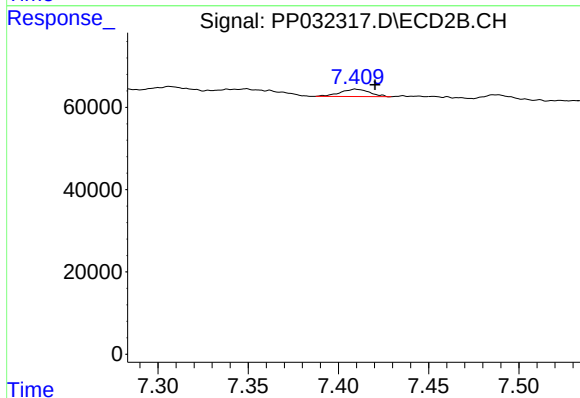




#30 AR-1254-5

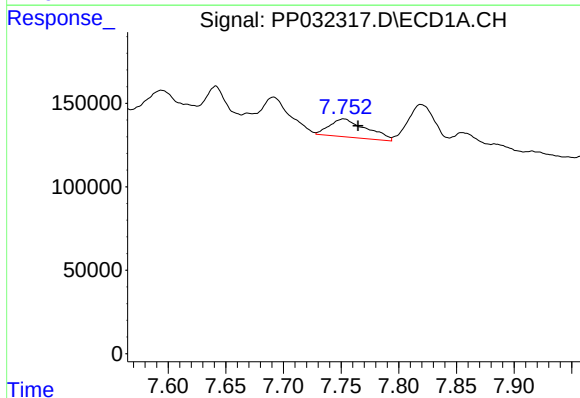
R.T.: 0.000 min  
Exp R.T.: 8.318 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



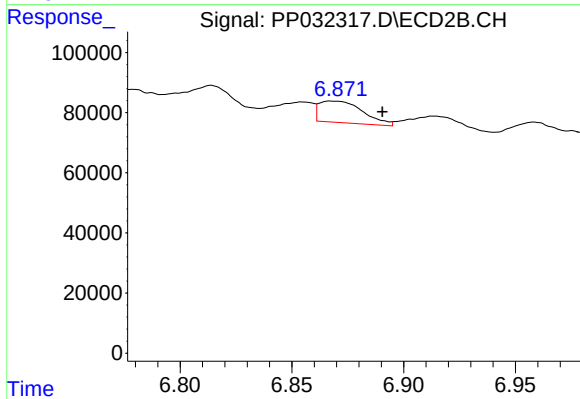
#30 AR-1254-5

R.T.: 7.410 min  
Delta R.T.: -0.011 min  
Response: 20497  
Conc: 8.62 ng/ml



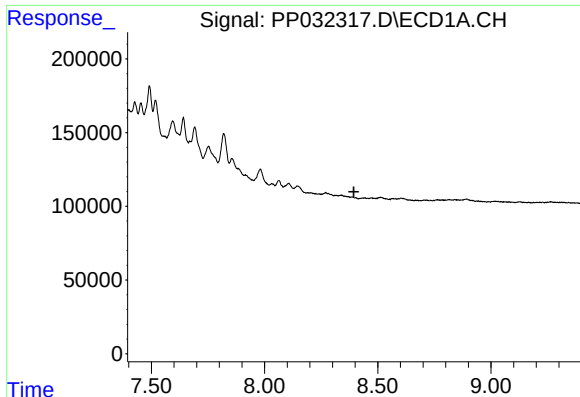
#31 AR-1260-1

R.T.: 7.752 min  
Delta R.T.: -0.012 min  
Response: 239959  
Conc: 138.46 ng/ml



#31 AR-1260-1

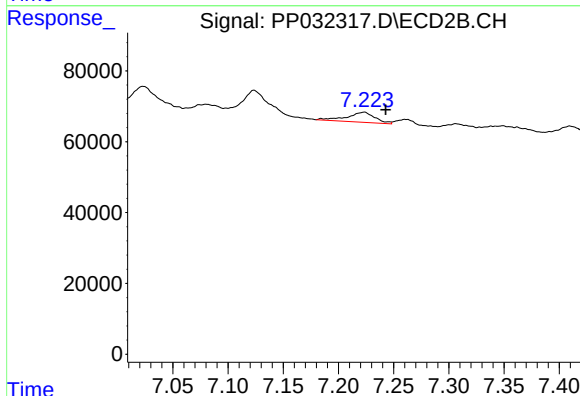
R.T.: 6.868 min  
Delta R.T.: -0.023 min  
Response: 97505  
Conc: 51.43 ng/ml



#33 AR-1260-3

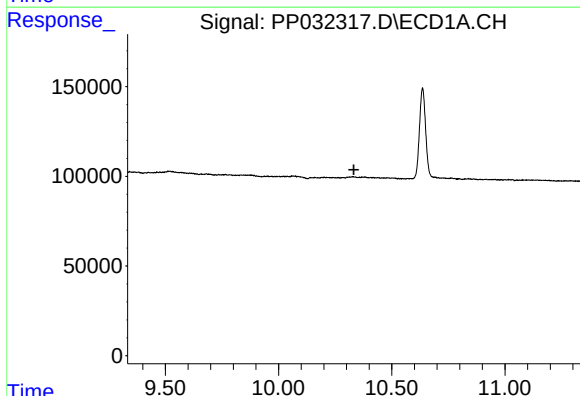
R.T.: 0.000 min  
Exp R.T.: 8.394 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



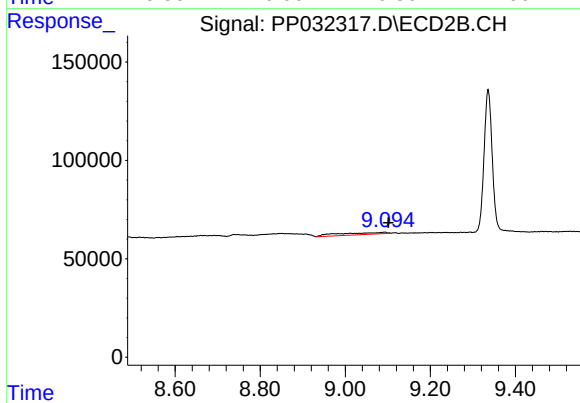
#33 AR-1260-3

R.T.: 7.223 min  
Delta R.T.: -0.020 min  
Response: 50605  
Conc: 23.82 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.332 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.094 min  
Delta R.T.: -0.008 min  
Response: 77602  
Conc: 6.14 ng/ml