

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP030921\  
 Data File : PP033794.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Mar 2021 5:29  
 Operator : DD\AJ  
 Sample : M1458-07  
 Misc : AR1268 LOD 40 PPB  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 06:03:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP030921.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 10 03:01:34 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... | 4.857  | 4.270  | 1869701 | 874650 | 21.609 | 21.529    |
| 2)                          | SA Decachlor... | 10.782 | 9.598  | 2091974 | 689071 | 24.771 | 25.822    |
|                             |                 |        |        |         |        |        |           |
| Target Compounds            |                 |        |        |         |        |        |           |
| 3)                          | L1 AR-1016-1    | 6.172  | 0.000  | 20709   | 0      | 7.773  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.172f | 0.000  | 20709   | 0      | 5.124  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.673  | 0.000  | 20873   | 0      | 10.297 | N.D. #    |
| 8)                          | L2 AR-1221-1    | 5.112  | 0.000  | 31288   | 0      | 33.906 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.206  | 4.624  | 24375   | 12307  | 34.689 | 38.035    |
| 13)                         | L3 AR-1232-3    | 6.172f | 0.000  | 20709   | 0      | 12.252 | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.863f | 0       | 12609  | N.D.   | 37.804 #  |
| 16)                         | L4 AR-1242-1    | 6.172  | 0.000  | 20709   | 0      | 10.206 | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.172f | 0.000  | 20709   | 0      | 6.821  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.863f | 0       | 12609  | N.D.   | 18.416 #  |
| 21)                         | L5 AR-1248-1    | 6.172  | 0.000  | 20709   | 0      | 13.276 | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.673  | 5.863f | 20873   | 12609  | 8.098  | 12.522 #  |
| 24)                         | L5 AR-1248-4    | 7.106  | 0.000  | 35086   | 0      | 12.682 | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.106f | 0.000  | 35086   | 0      | 12.305 | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.701  | 0.000  | 26818   | 0      | 5.652  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.992  | 0.000  | 69261   | 0      | 20.524 | N.D. #    |
| 30)                         | L6 AR-1254-5    | 8.434f | 0.000  | 23809   | 0      | 6.355  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 8.113  | 7.299  | 31603   | 19700  | 7.676  | 10.891 #  |
| 33)                         | L7 AR-1260-3    | 8.480  | 0.000  | 97387   | 0      | 30.088 | N.D. #    |
| 34)                         | L7 AR-1260-4    | 8.725  | 7.943  | 128012  | 60049  | 34.559 | 40.830    |
| 35)                         | L7 AR-1260-5    | 9.029  | 8.187  | 43712   | 34037  | 5.650  | 10.469 #  |
| 36)                         | L8 AR-1262-1    | 8.480  | 0.000  | 97387   | 0      | 20.467 | N.D. #    |
| 37)                         | L8 AR-1262-2    | 9.029  | 8.187  | 43712   | 34037  | 5.057  | 10.215 #  |
| 38)                         | L8 AR-1262-3    | 9.328  | 8.473  | 410948  | 184734 | 67.714 | 129.356 # |
| 39)                         | L8 AR-1262-4    | 9.421  | 8.537  | 394889  | 155110 | 79.668 | 61.523    |
| 40)                         | L8 AR-1262-5    | 10.062 | 9.034  | 138583  | 48981  | 42.105 | 42.971    |
| 41)                         | L9 AR-1268-1    | 9.328  | 8.473  | 410948  | 184734 | 39.467 | 48.298    |
| 42)                         | L9 AR-1268-2    | 9.421  | 8.537  | 394889  | 155110 | 39.072 | 43.412    |
| 43)                         | L9 AR-1268-3    | 9.639  | 8.747  | 343912  | 149245 | 38.726 | 48.043    |
| 44)                         | L9 AR-1268-4    | 10.062 | 9.034  | 138583  | 48981  | 39.794 | 40.357    |
| 45)                         | L9 AR-1268-5    | 10.460 | 9.334  | 1129078 | 401666 | 38.187 | 43.933    |
| -----                       |                 |        |        |         |        |        |           |

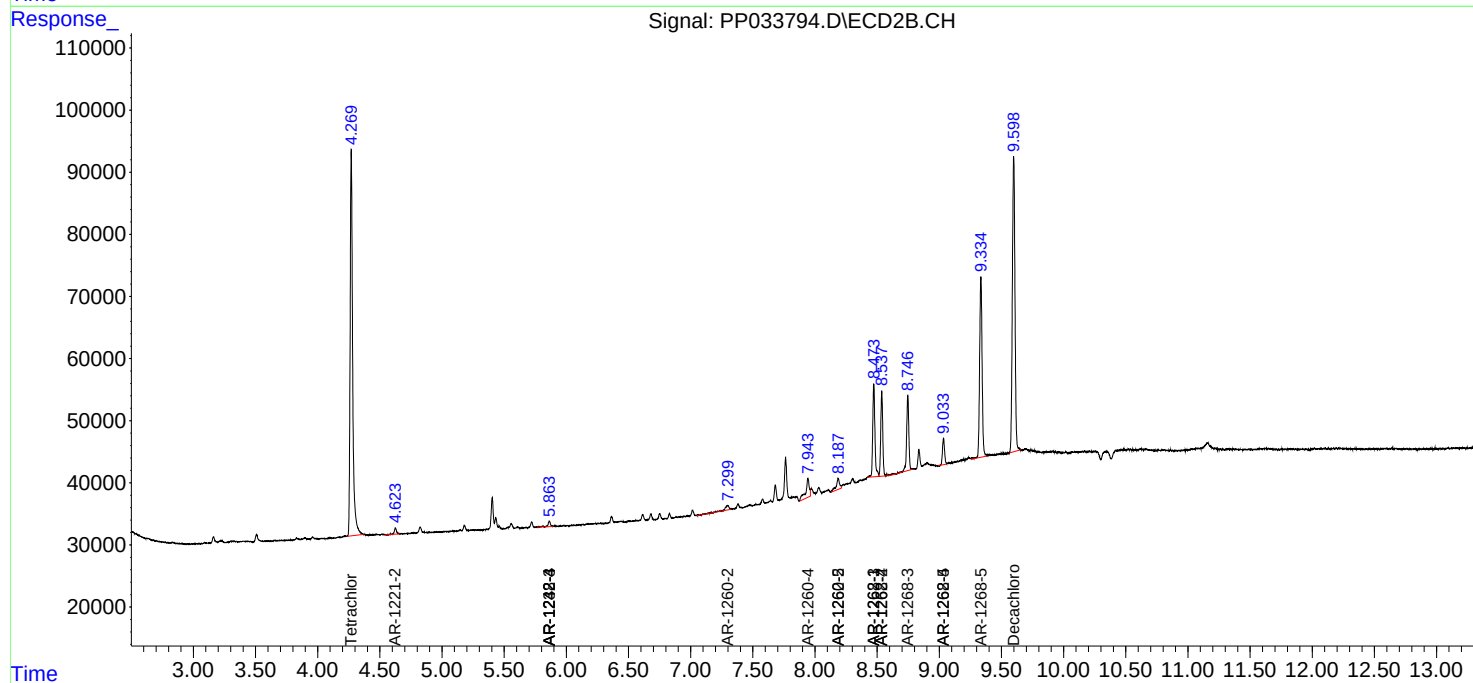
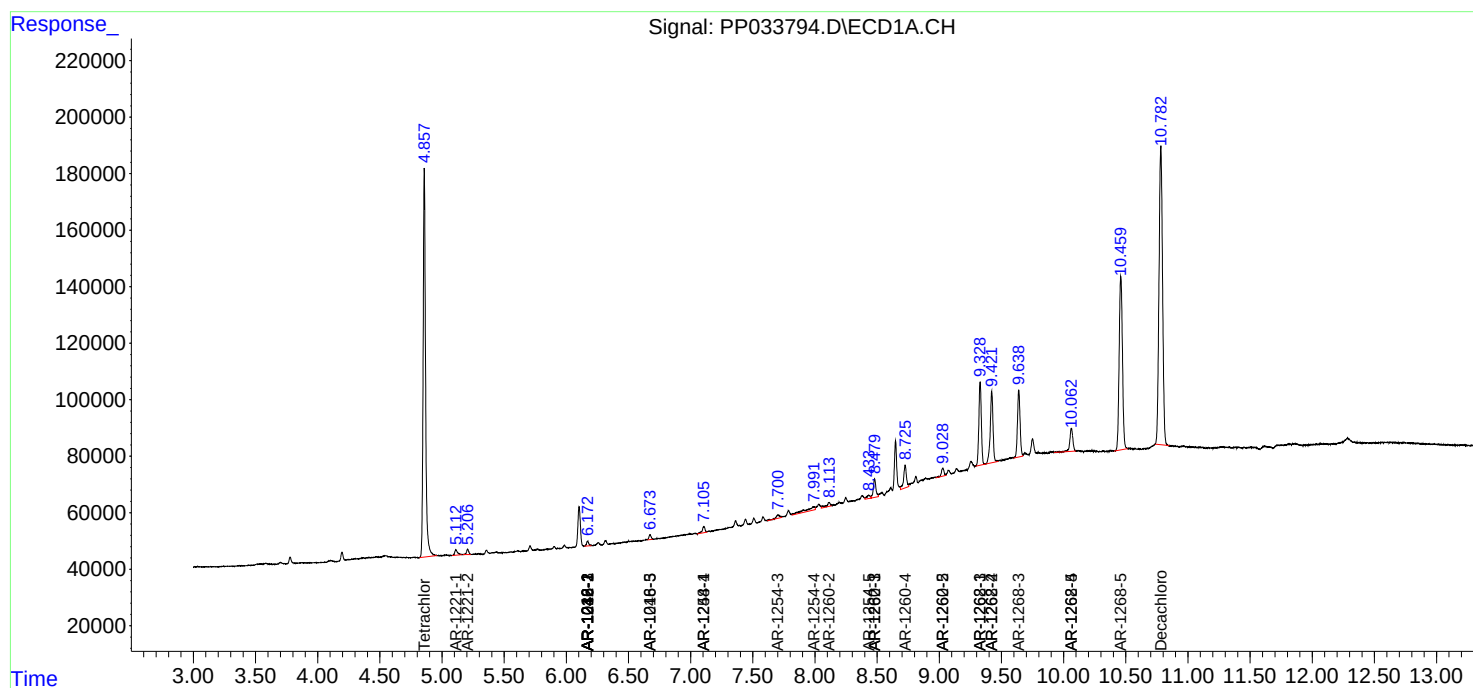
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

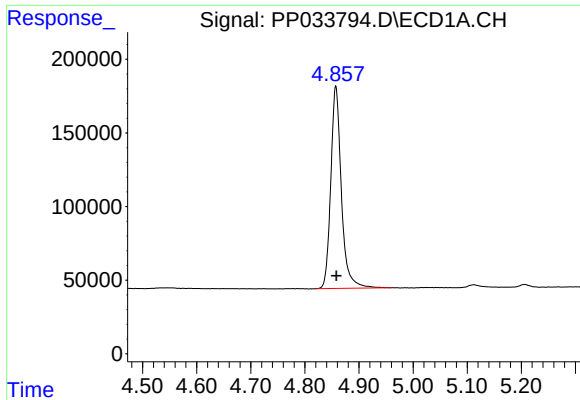
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP030921\  
Data File : PP033794.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Mar 2021 5:29  
Operator : DD\AJ  
Sample : M1458-07  
Misc : AR1268 LOD 40 PPB  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 06:03:52 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP030921.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 10 03:01:34 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

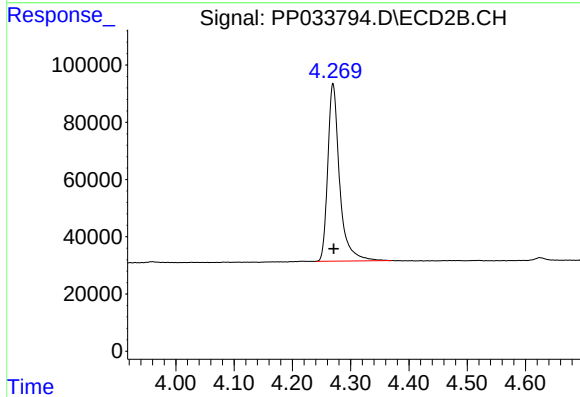




#1 Tetrachloro-m-xylene

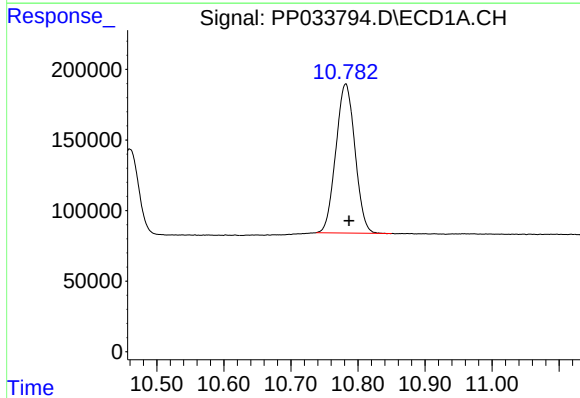
R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 1869701  
Conc: 21.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



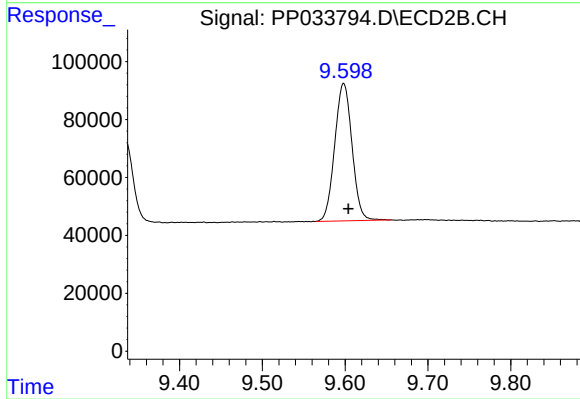
#1 Tetrachloro-m-xylene

R.T.: 4.270 min  
Delta R.T.: -0.001 min  
Response: 874650  
Conc: 21.53 ng/ml



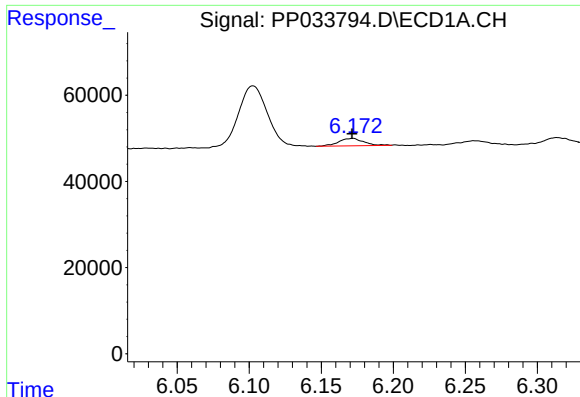
#2 Decachlorobiphenyl

R.T.: 10.782 min  
Delta R.T.: -0.005 min  
Response: 2091974  
Conc: 24.77 ng/ml



#2 Decachlorobiphenyl

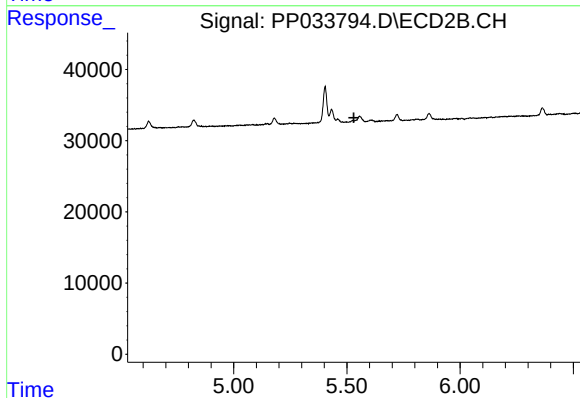
R.T.: 9.598 min  
Delta R.T.: -0.006 min  
Response: 689071  
Conc: 25.82 ng/ml



#3 AR-1016-1

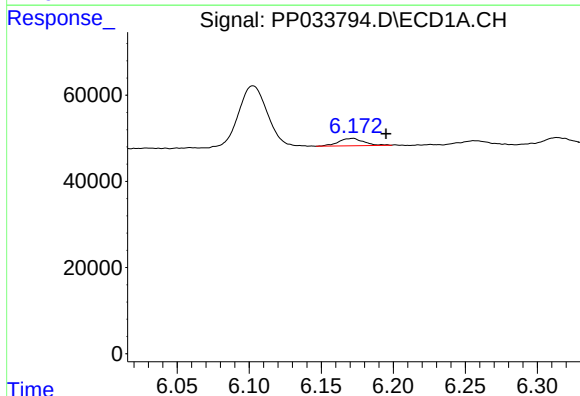
R.T.: 6.172 min  
Delta R.T.: 0.000 min  
Response: 20709  
Conc: 7.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



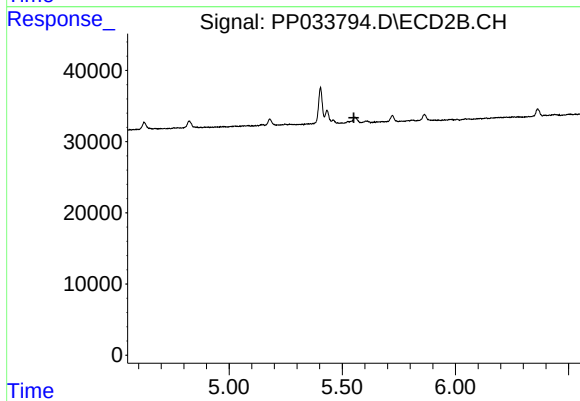
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.531 min  
Response: 0  
Conc: N.D.



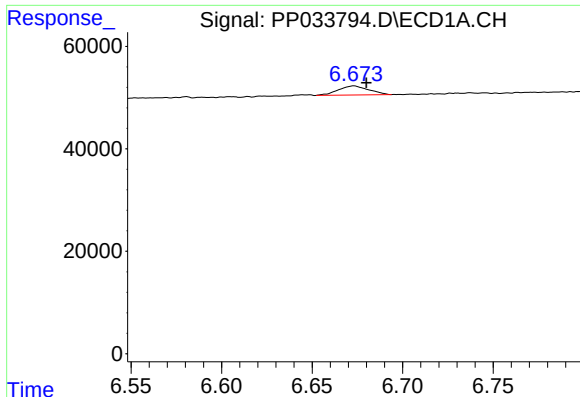
#4 AR-1016-2

R.T.: 6.172 min  
Delta R.T.: -0.023 min  
Response: 20709  
Conc: 5.12 ng/ml



#4 AR-1016-2

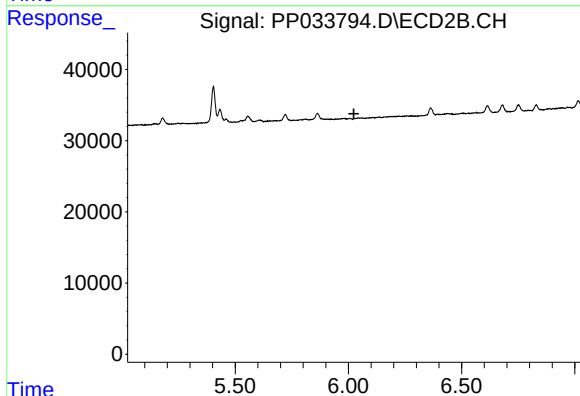
R.T.: 0.000 min  
Exp R.T. : 5.551 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

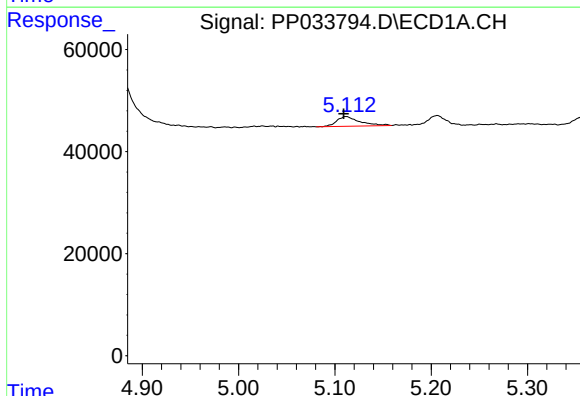
R.T.: 6.673 min  
Delta R.T.: -0.007 min  
Response: 20873  
Conc: 10.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



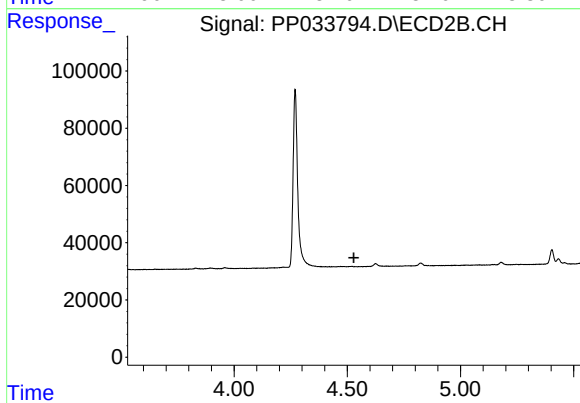
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.024 min  
Response: 0  
Conc: N.D.



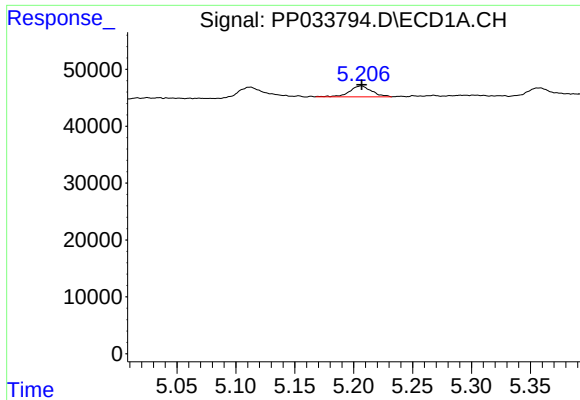
#8 AR-1221-1

R.T.: 5.112 min  
Delta R.T.: 0.003 min  
Response: 31288  
Conc: 33.91 ng/ml



#8 AR-1221-1

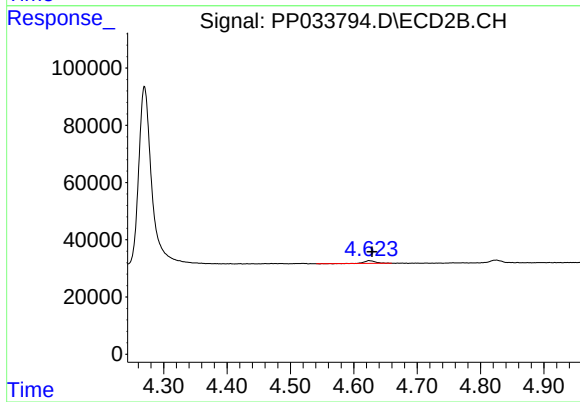
R.T.: 0.000 min  
Exp R.T. : 4.529 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

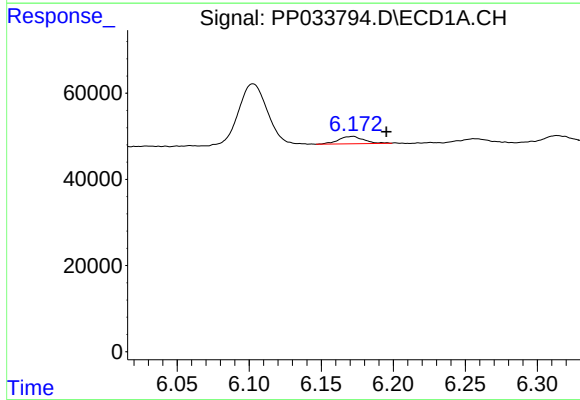
R.T.: 5.206 min  
Delta R.T.: 0.000 min  
Response: 24375  
Conc: 34.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



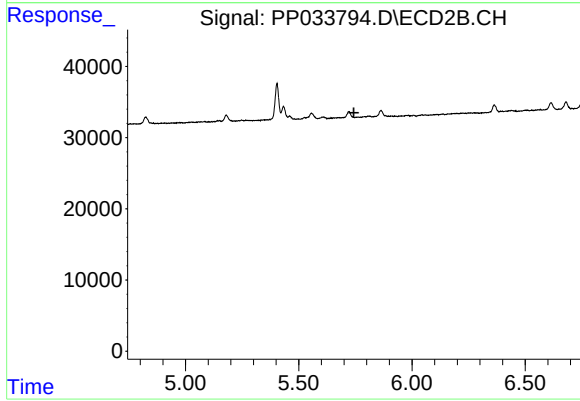
#9 AR-1221-2

R.T.: 4.624 min  
Delta R.T.: -0.005 min  
Response: 12307  
Conc: 38.04 ng/ml



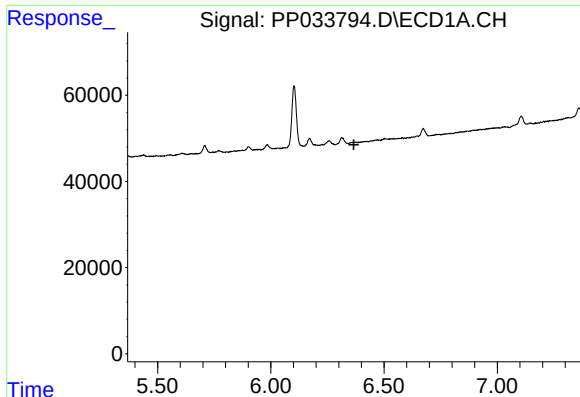
#13 AR-1232-3

R.T.: 6.172 min  
Delta R.T.: -0.023 min  
Response: 20709  
Conc: 12.25 ng/ml



#13 AR-1232-3

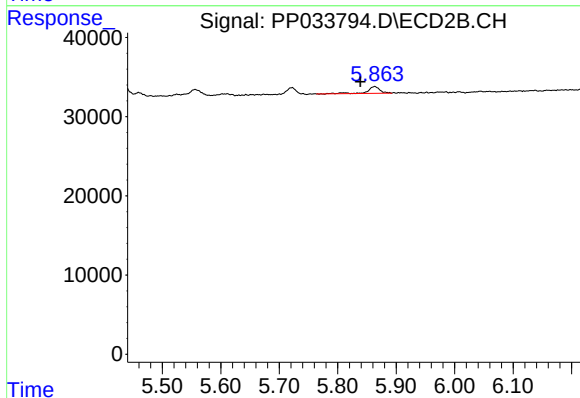
R.T.: 0.000 min  
Exp R.T.: 5.744 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

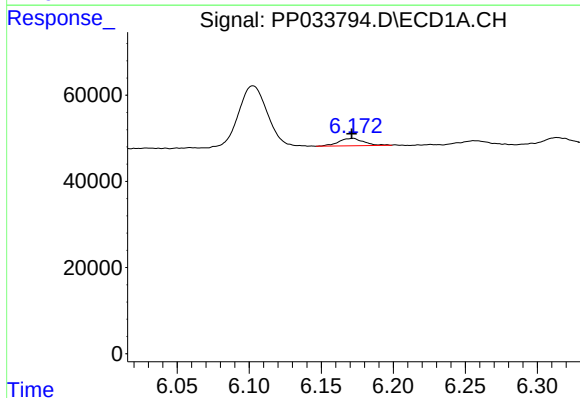
R.T.: 0.000 min  
Exp R.T.: 6.367 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



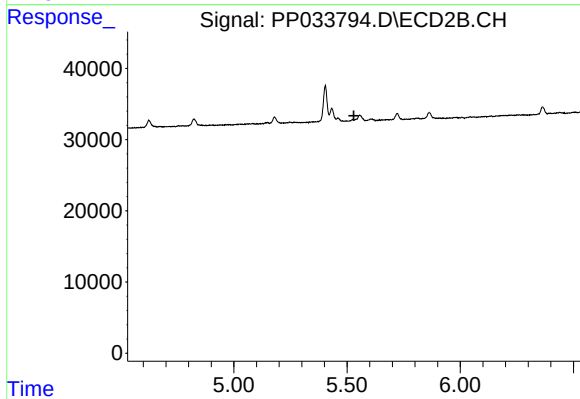
#14 AR-1232-4

R.T.: 5.863 min  
Delta R.T.: 0.025 min  
Response: 12609  
Conc: 37.80 ng/ml



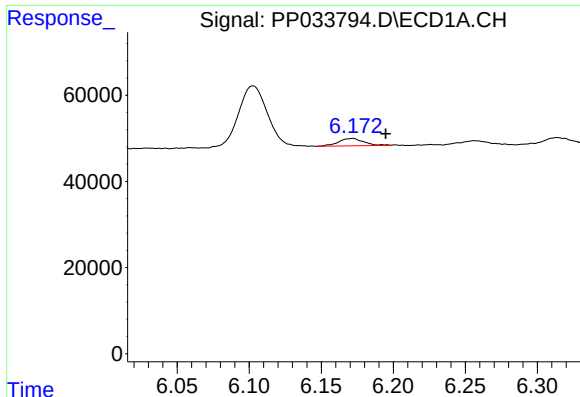
#16 AR-1242-1

R.T.: 6.172 min  
Delta R.T.: 0.000 min  
Response: 20709  
Conc: 10.21 ng/ml



#16 AR-1242-1

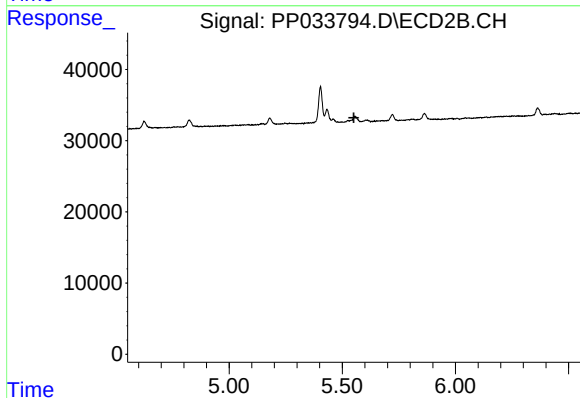
R.T.: 0.000 min  
Exp R.T.: 5.530 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

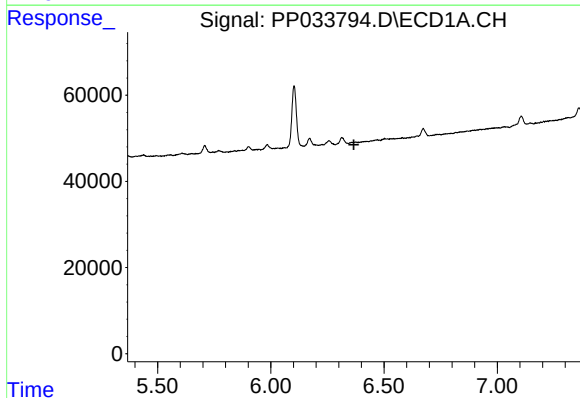
R.T.: 6.172 min  
Delta R.T.: -0.023 min  
Response: 20709  
Conc: 6.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



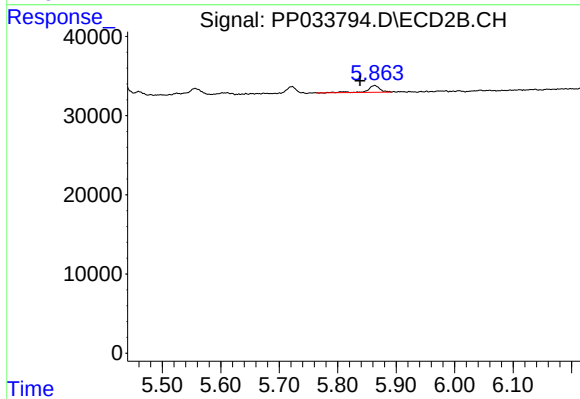
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.551 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

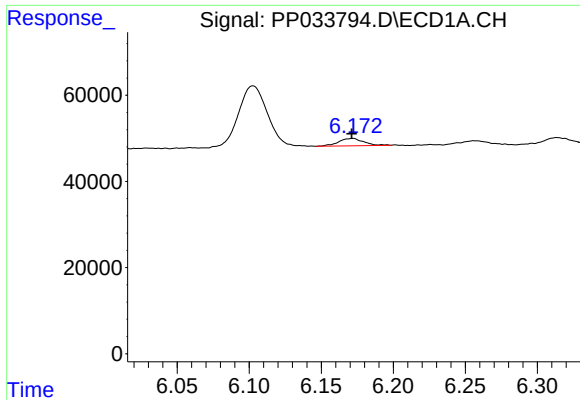
R.T.: 0.000 min  
Exp R.T. : 6.367 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

R.T.: 5.863 min  
Delta R.T.: 0.025 min  
Response: 12609  
Conc: 18.42 ng/ml

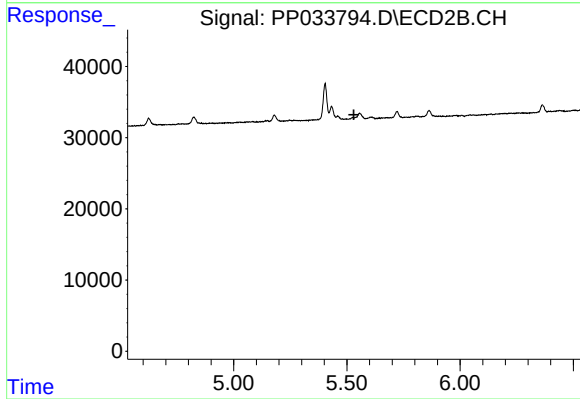




#21 AR-1248-1

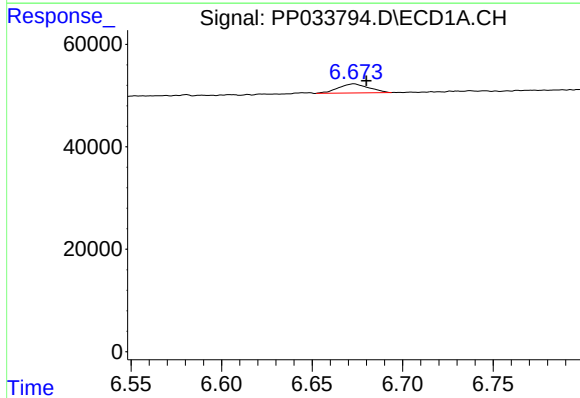
R.T.: 6.172 min  
Delta R.T.: 0.000 min  
Response: 20709  
Conc: 13.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



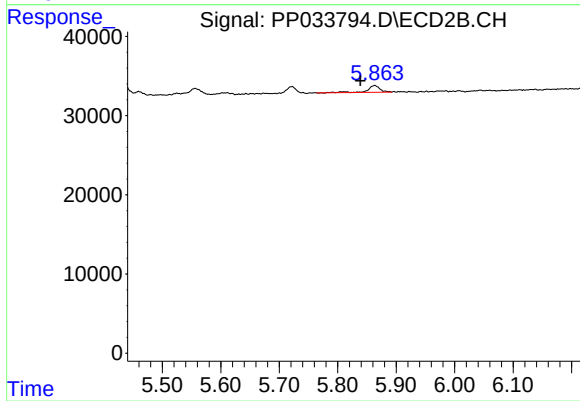
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.531 min  
Response: 0  
Conc: N.D.



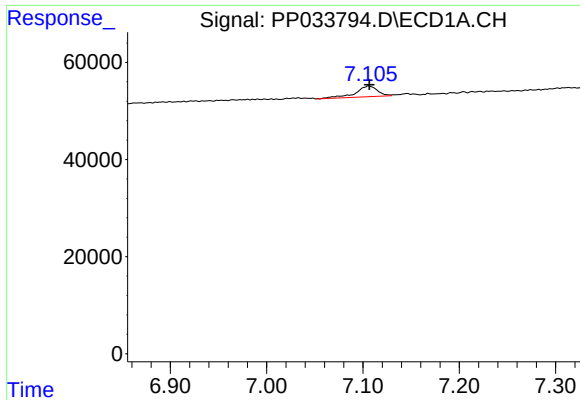
#23 AR-1248-3

R.T.: 6.673 min  
Delta R.T.: -0.007 min  
Response: 20873  
Conc: 8.10 ng/ml



#23 AR-1248-3

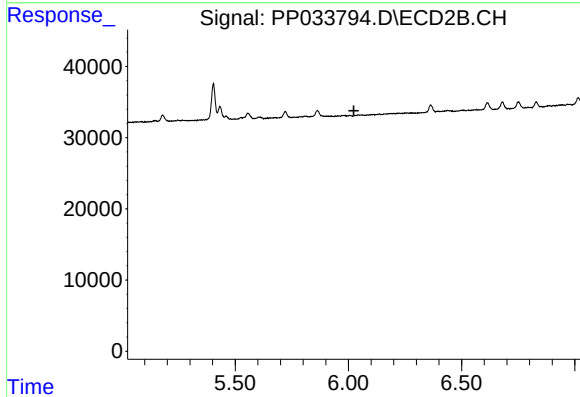
R.T.: 5.863 min  
Delta R.T.: 0.025 min  
Response: 12609  
Conc: 12.52 ng/ml



#24 AR-1248-4

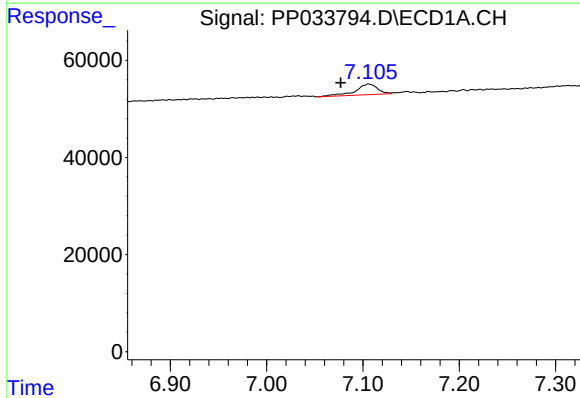
R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 35086  
Conc: 12.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



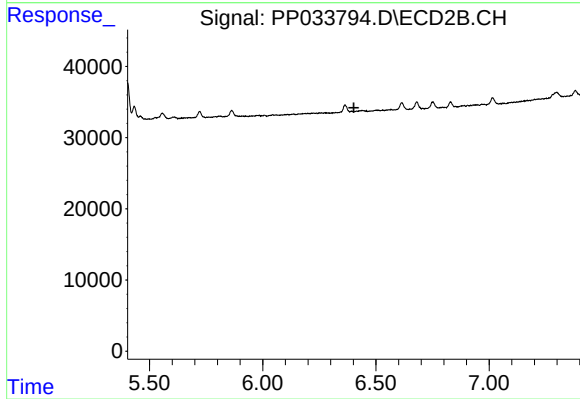
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.024 min  
Response: 0  
Conc: N.D.



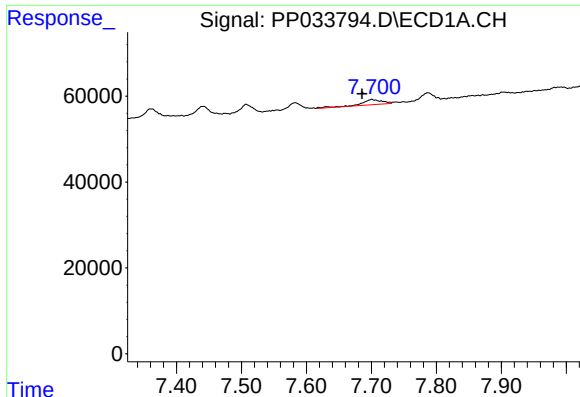
#26 AR-1254-1

R.T.: 7.106 min  
Delta R.T.: 0.029 min  
Response: 35086  
Conc: 12.31 ng/ml



#26 AR-1254-1

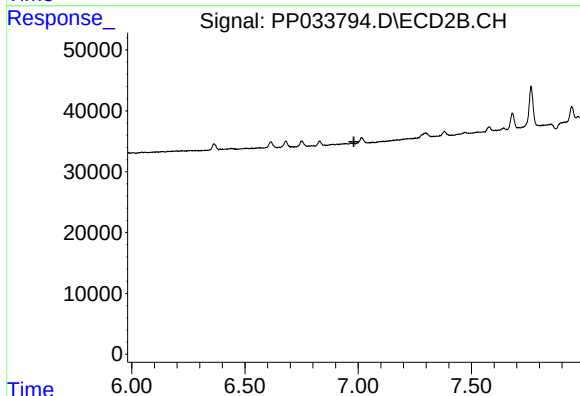
R.T.: 0.000 min  
Exp R.T. : 6.403 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

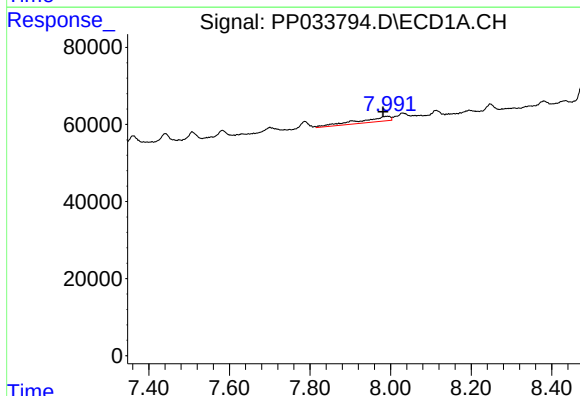
R.T.: 7.701 min  
Delta R.T.: 0.015 min  
Response: 26818  
Conc: 5.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



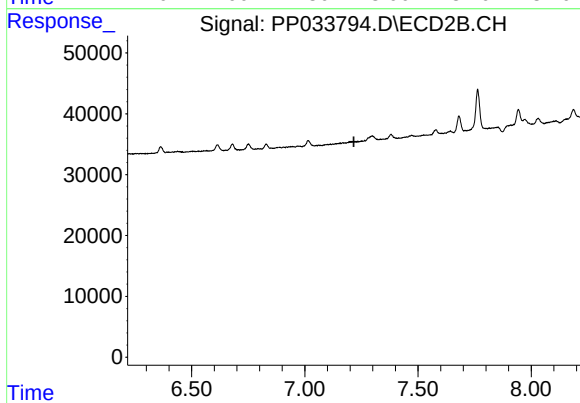
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.981 min  
Response: 0  
Conc: N.D.



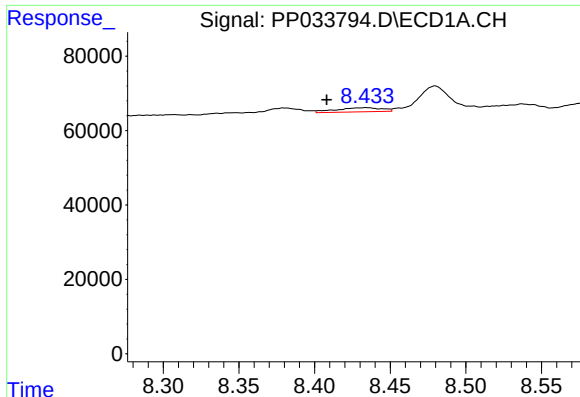
#29 AR-1254-4

R.T.: 7.992 min  
Delta R.T.: 0.011 min  
Response: 69261  
Conc: 20.52 ng/ml



#29 AR-1254-4

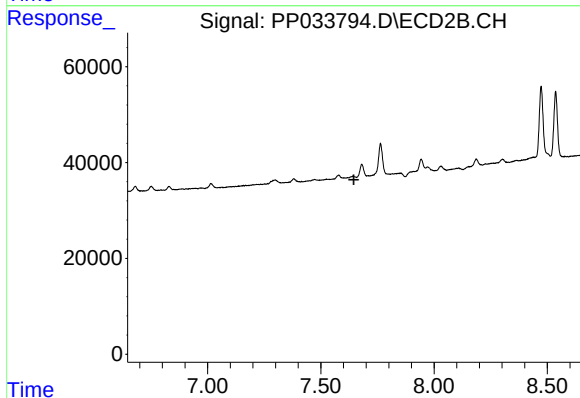
R.T.: 0.000 min  
Exp R.T. : 7.217 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

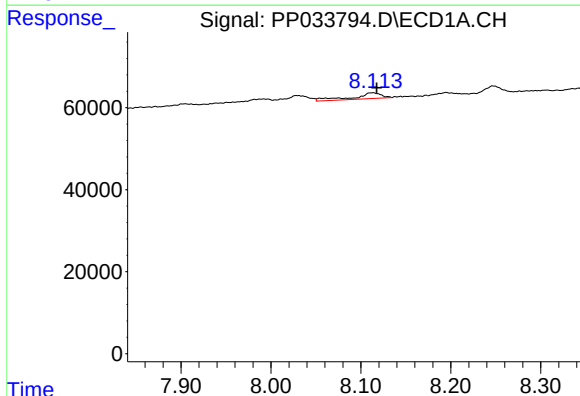
R.T.: 8.434 min  
Delta R.T.: 0.026 min  
Response: 23809  
Conc: 6.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



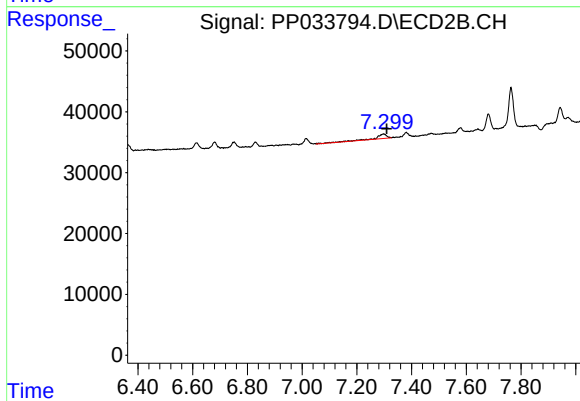
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.646 min  
Response: 0  
Conc: N.D.



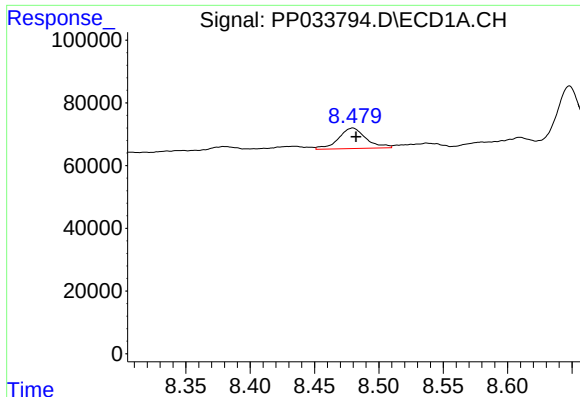
#32 AR-1260-2

R.T.: 8.113 min  
Delta R.T.: -0.004 min  
Response: 31603  
Conc: 7.68 ng/ml



#32 AR-1260-2

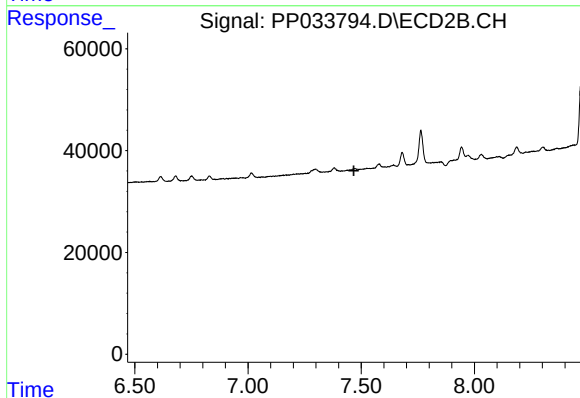
R.T.: 7.299 min  
Delta R.T.: -0.011 min  
Response: 19700  
Conc: 10.89 ng/ml



#33 AR-1260-3

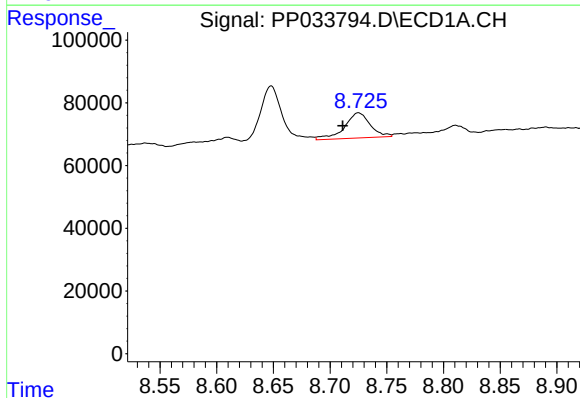
R.T.: 8.480 min  
Delta R.T.: -0.003 min  
Response: 97387  
Conc: 30.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



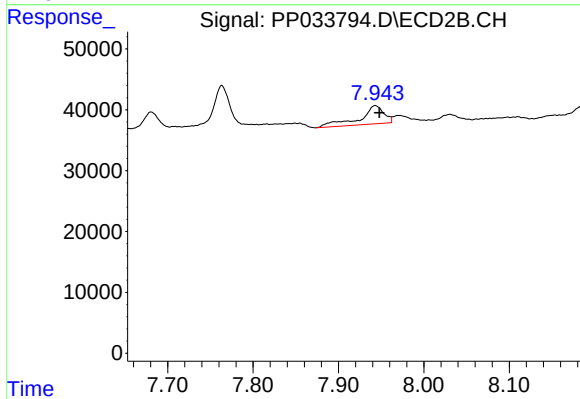
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.467 min  
Response: 0  
Conc: N.D.



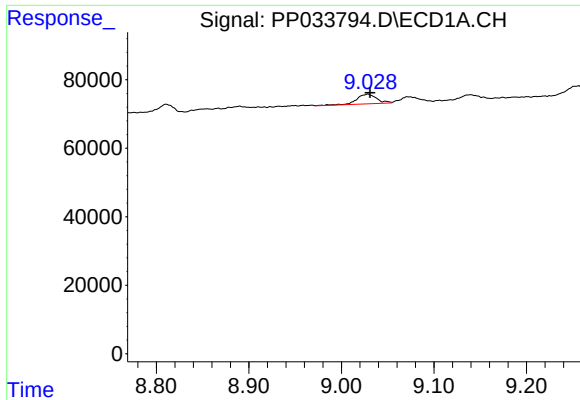
#34 AR-1260-4

R.T.: 8.725 min  
Delta R.T.: 0.014 min  
Response: 128012  
Conc: 34.56 ng/ml



#34 AR-1260-4

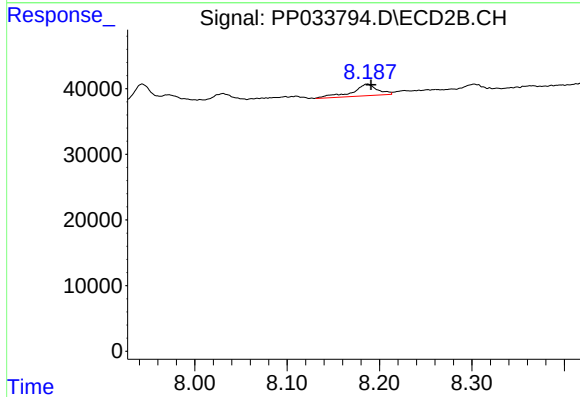
R.T.: 7.943 min  
Delta R.T.: -0.005 min  
Response: 60049  
Conc: 40.83 ng/ml



#35 AR-1260-5

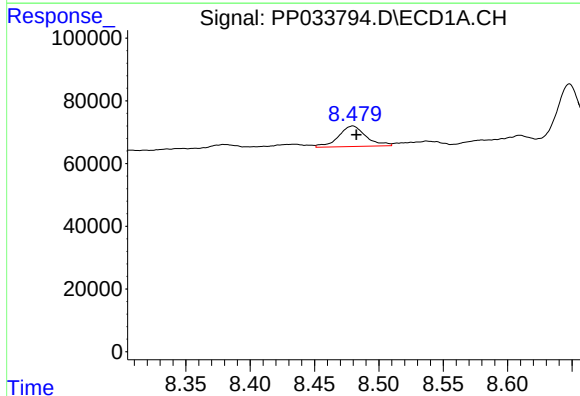
R.T.: 9.029 min  
Delta R.T.: -0.002 min  
Response: 43712  
Conc: 5.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



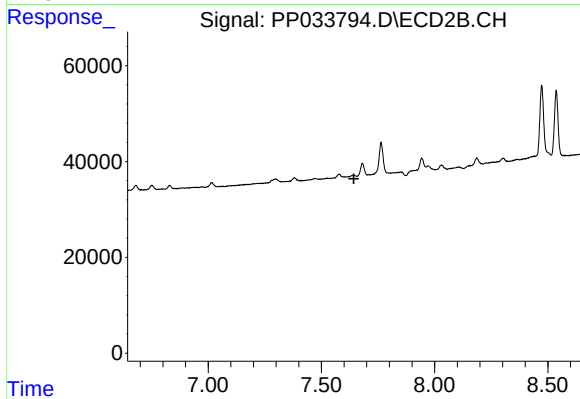
#35 AR-1260-5

R.T.: 8.187 min  
Delta R.T.: -0.004 min  
Response: 34037  
Conc: 10.47 ng/ml



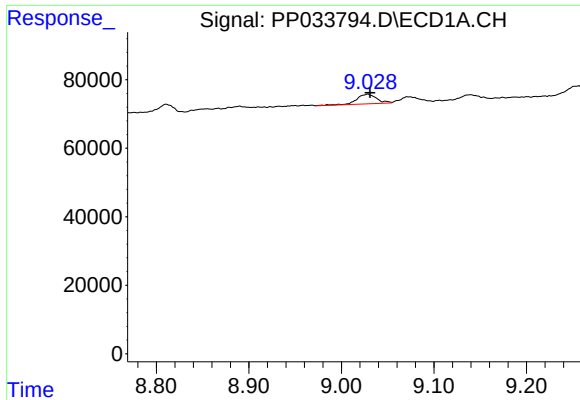
#36 AR-1262-1

R.T.: 8.480 min  
Delta R.T.: -0.003 min  
Response: 97387  
Conc: 20.47 ng/ml



#36 AR-1262-1

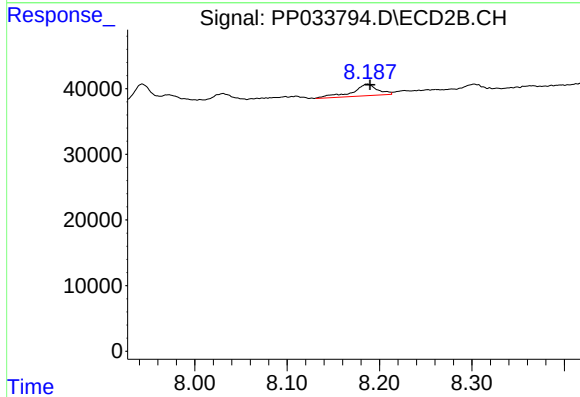
R.T.: 0.000 min  
Exp R.T. : 7.644 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

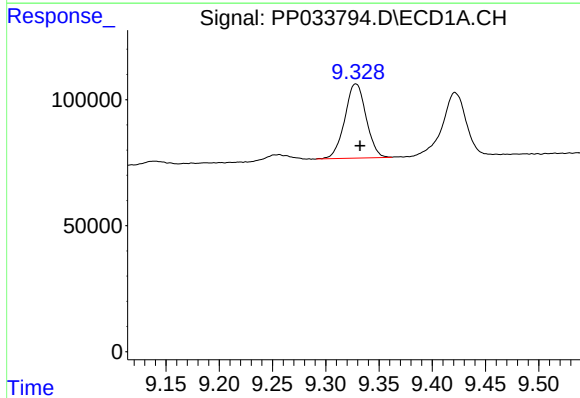
R.T.: 9.029 min  
Delta R.T.: -0.002 min  
Response: 43712  
Conc: 5.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



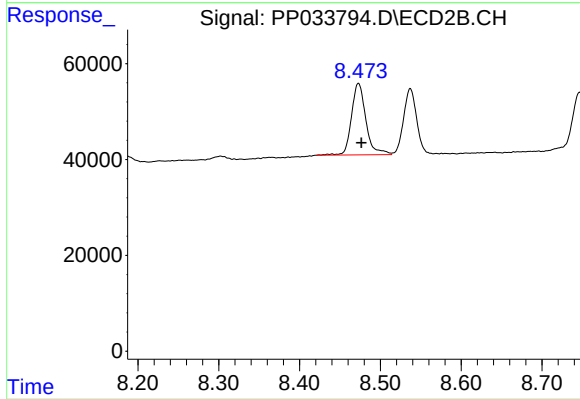
#37 AR-1262-2

R.T.: 8.187 min  
Delta R.T.: -0.003 min  
Response: 34037  
Conc: 10.21 ng/ml



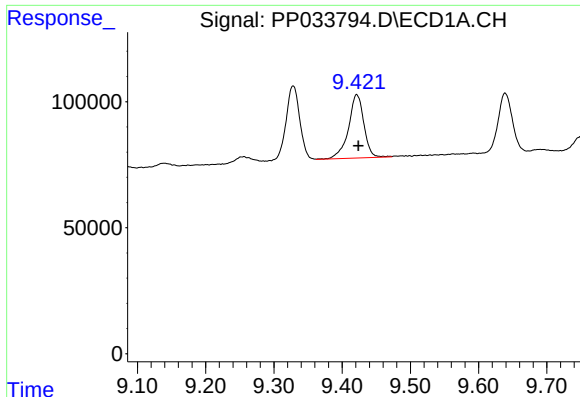
#38 AR-1262-3

R.T.: 9.328 min  
Delta R.T.: -0.004 min  
Response: 410948  
Conc: 67.71 ng/ml



#38 AR-1262-3

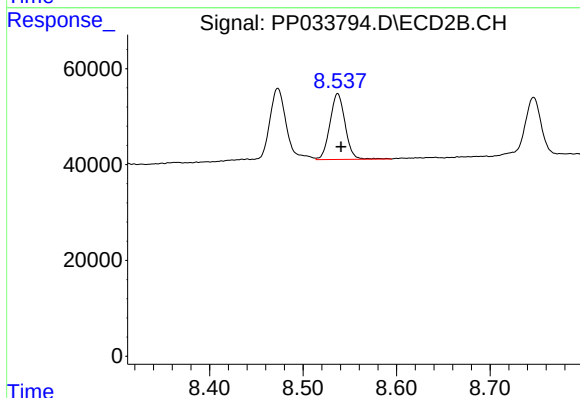
R.T.: 8.473 min  
Delta R.T.: -0.004 min  
Response: 184734  
Conc: 129.36 ng/ml



#39 AR-1262-4

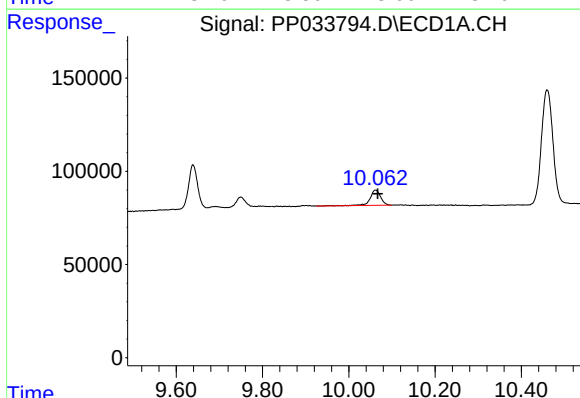
R.T.: 9.421 min  
Delta R.T.: -0.003 min  
Response: 394889  
Conc: 79.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



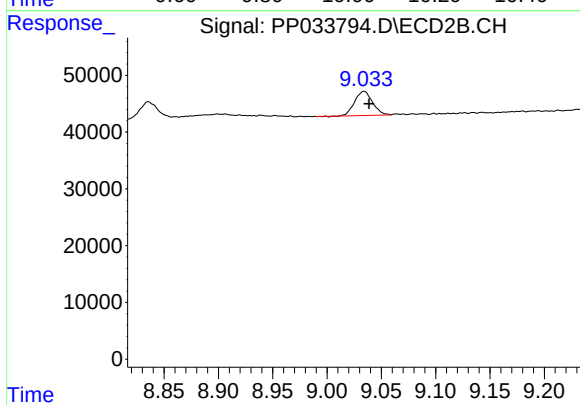
#39 AR-1262-4

R.T.: 8.537 min  
Delta R.T.: -0.004 min  
Response: 155110  
Conc: 61.52 ng/ml



#40 AR-1262-5

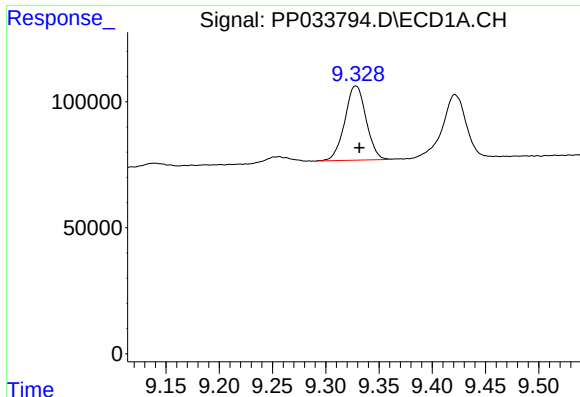
R.T.: 10.062 min  
Delta R.T.: -0.005 min  
Response: 138583  
Conc: 42.11 ng/ml



#40 AR-1262-5

R.T.: 9.034 min  
Delta R.T.: -0.005 min  
Response: 48981  
Conc: 42.97 ng/ml

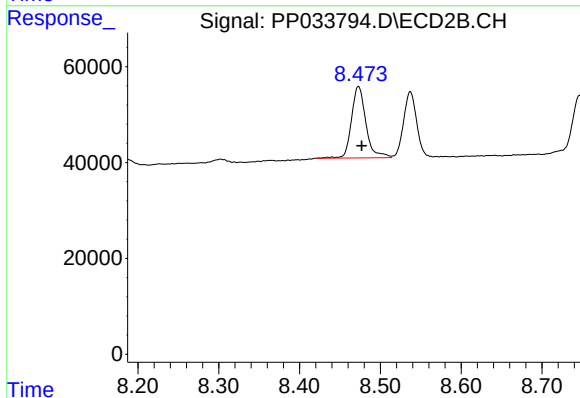




#41 AR-1268-1

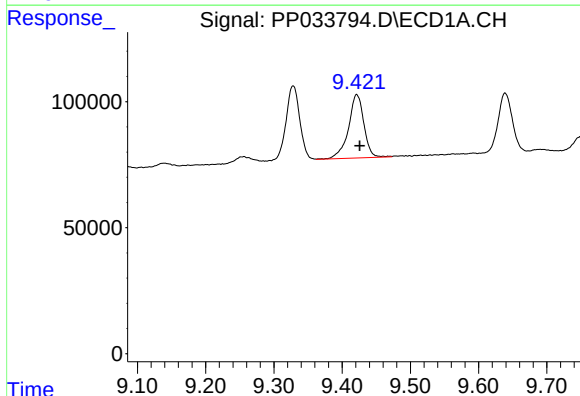
R.T.: 9.328 min  
Delta R.T.: -0.003 min  
Response: 410948  
Conc: 39.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



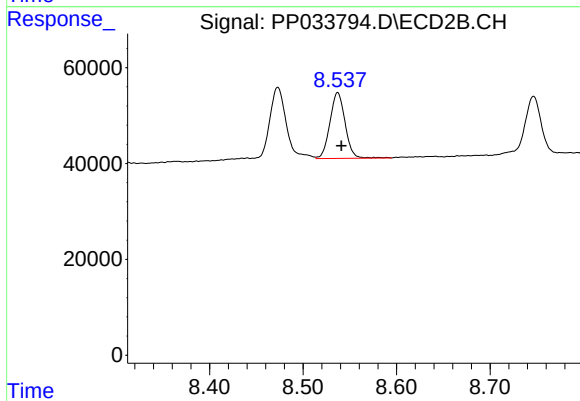
#41 AR-1268-1

R.T.: 8.473 min  
Delta R.T.: -0.004 min  
Response: 184734  
Conc: 48.30 ng/ml



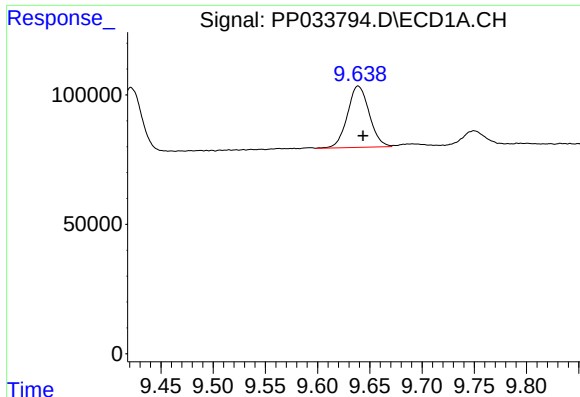
#42 AR-1268-2

R.T.: 9.421 min  
Delta R.T.: -0.005 min  
Response: 394889  
Conc: 39.07 ng/ml



#42 AR-1268-2

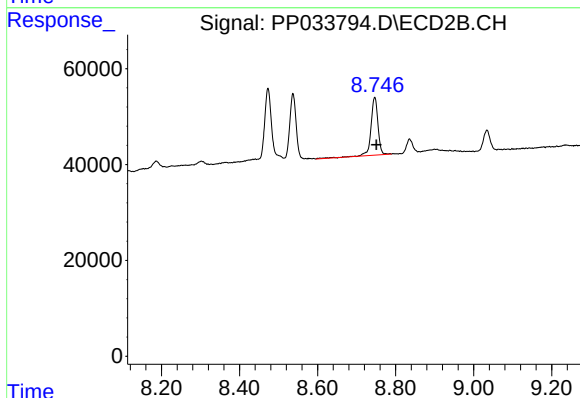
R.T.: 8.537 min  
Delta R.T.: -0.004 min  
Response: 155110  
Conc: 43.41 ng/ml



#43 AR-1268-3

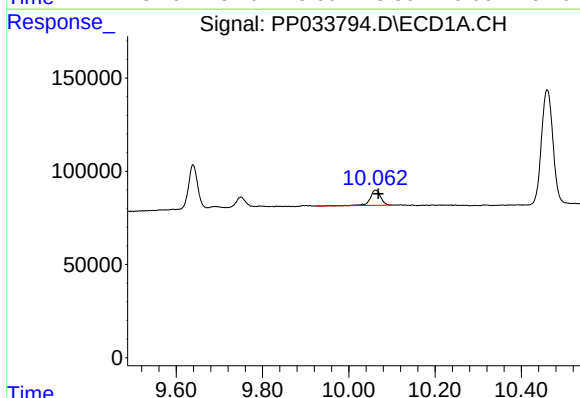
R.T.: 9.639 min  
Delta R.T.: -0.005 min  
Response: 343912  
Conc: 38.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



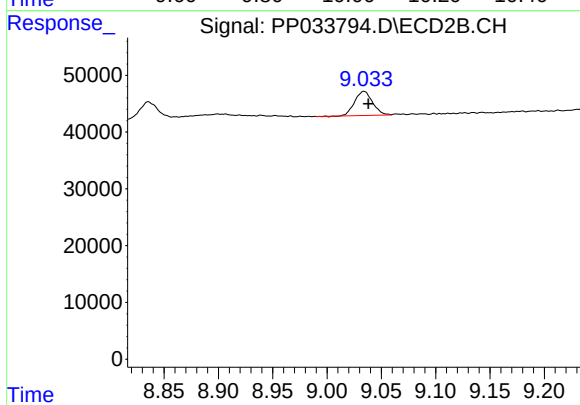
#43 AR-1268-3

R.T.: 8.747 min  
Delta R.T.: -0.004 min  
Response: 149245  
Conc: 48.04 ng/ml



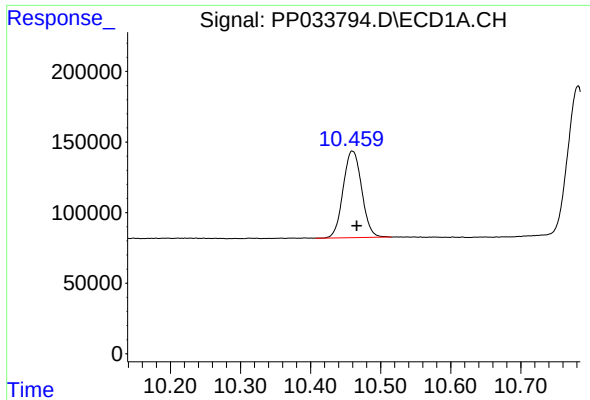
#44 AR-1268-4

R.T.: 10.062 min  
Delta R.T.: -0.006 min  
Response: 138583  
Conc: 39.79 ng/ml



#44 AR-1268-4

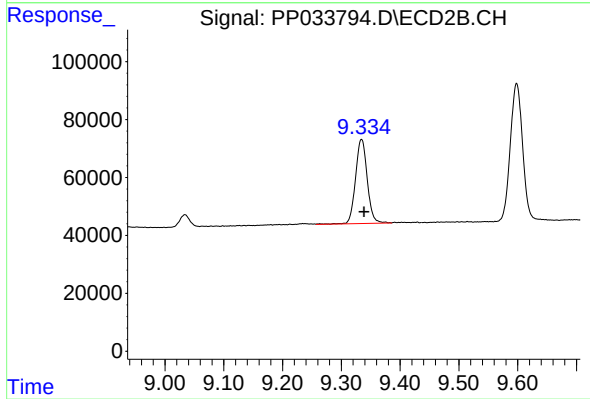
R.T.: 9.034 min  
Delta R.T.: -0.004 min  
Response: 48981  
Conc: 40.36 ng/ml



#45 AR-1268-5

R.T.: 10.460 min  
Delta R.T.: -0.006 min  
Response: 1129078  
Conc: 38.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.334 min  
Delta R.T.: -0.004 min  
Response: 401666  
Conc: 43.93 ng/ml