

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP012921\  
 Data File : PP033059.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2021 11:09  
 Operator : DD\AJ  
 Sample : AR1262CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1262CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 00:21:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 29 04:07:51 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... | 4.737  | 4.004  | 2524030 | 2153507 | 44.451  | 46.845    |
| 2)                          | SA Decachlor... | 10.564 | 9.279  | 1925332 | 1709243 | 53.663  | 52.017    |
| Target Compounds            |                 |        |        |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 6.062f | 5.252  | 27150   | 14786   | 17.635  | 11.614 #  |
| 4)                          | L1 AR-1016-2    | 6.062  | 5.273  | 27150   | 22061   | 11.419  | 11.695    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.515  | 0       | 16995   | N.D.    | 21.592 #  |
| 9)                          | L2 AR-1221-2    | 5.083  | 4.356  | 33402   | 26581   | 77.238  | 76.300    |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.273  | 0       | 22061   | N.D.    | 26.790 #  |
| 13)                         | L3 AR-1232-3    | 6.062  | 0.000  | 27150   | 0       | 26.636  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.331  | 0.000  | 19415   | 0       | 59.768  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 6.062f | 5.252  | 27150   | 14786   | 21.870  | 14.671 #  |
| 17)                         | L4 AR-1242-2    | 6.062  | 5.273  | 27150   | 22061   | 14.626  | 14.883    |
| 20)                         | L4 AR-1242-5    | 7.009  | 6.121  | 109771  | 116923  | 119.855 | 129.021   |
| 21)                         | L5 AR-1248-1    | 6.062f | 5.252  | 27150   | 14786   | 30.506  | 19.741 #  |
| 22)                         | L5 AR-1248-2    | 6.331  | 5.515  | 19415   | 16995   | 16.082  | 15.980    |
| 24)                         | L5 AR-1248-4    | 6.970  | 0.000  | 92891   | 0       | 59.044  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.009  | 0.000  | 109771  | 0       | 70.931  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.945  | 6.121  | 118929  | 116923  | 70.587  | 58.336    |
| 27)                         | L6 AR-1254-2    | 7.167  | 6.280  | 165697  | 129982  | 64.173  | 76.078    |
| 28)                         | L6 AR-1254-3    | 7.547  | 6.717f | 172594  | 524342  | 66.026  | 192.863 # |
| 29)                         | L6 AR-1254-4    | 7.838  | 6.940  | 284329  | 27656   | 161.152 | 19.388 #  |
| 30)                         | L6 AR-1254-5    | 8.263  | 7.365  | 908031  | 622591  | 458.656 | 275.657 # |
| 31)                         | L7 AR-1260-1    | 7.713  | 6.834  | 992714  | 738478  | 537.081 | 408.297   |
| 32)                         | L7 AR-1260-2    | 7.978  | 7.032  | 1150322 | 863846  | 469.898 | 417.160   |
| 33)                         | L7 AR-1260-3    | 8.343  | 7.187  | 1596824 | 863357  | 748.097 | 399.367 # |
| 34)                         | L7 AR-1260-4    | 8.572  | 7.667  | 1271914 | 1104117 | 622.986 | 645.463   |
| 35)                         | L7 AR-1260-5    | 8.883  | 7.916  | 2609586 | 2103917 | 587.639 | 547.663   |
| 36)                         | L8 AR-1262-1    | 8.343  | 7.365  | 1596824 | 622591  | 515.889 | 527.002   |
| 37)                         | L8 AR-1262-2    | 8.883  | 7.916  | 2609586 | 2103917 | 547.433 | 538.958   |
| 38)                         | L8 AR-1262-3    | 9.176  | 8.200  | 1801291 | 884703  | 535.487 | 512.826   |
| 39)                         | L8 AR-1262-4    | 9.264  | 8.264  | 1428256 | 1634997 | 514.087 | 522.028   |
| 40)                         | L8 AR-1262-5    | 9.879  | 8.761  | 919898  | 745006  | 586.868 | 578.049   |
| 41)                         | L9 AR-1268-1    | 9.176  | 8.200  | 1801291 | 884703  | 291.349 | 186.703 # |
| 42)                         | L9 AR-1268-2    | 9.264  | 8.264  | 1428256 | 1634997 | 255.357 | 364.517 # |
| 43)                         | L9 AR-1268-3    | 9.475  | 8.468  | 82578   | 67124   | 15.952  | 16.330    |
| 44)                         | L9 AR-1268-4    | 9.879  | 8.761  | 919898  | 745006  | 580.126 | 543.661   |
| 45)                         | L9 AR-1268-5    | 10.261 | 9.039  | 336351  | 302863  | 25.961  | 26.855    |
| -----                       |                 |        |        |         |         |         |           |

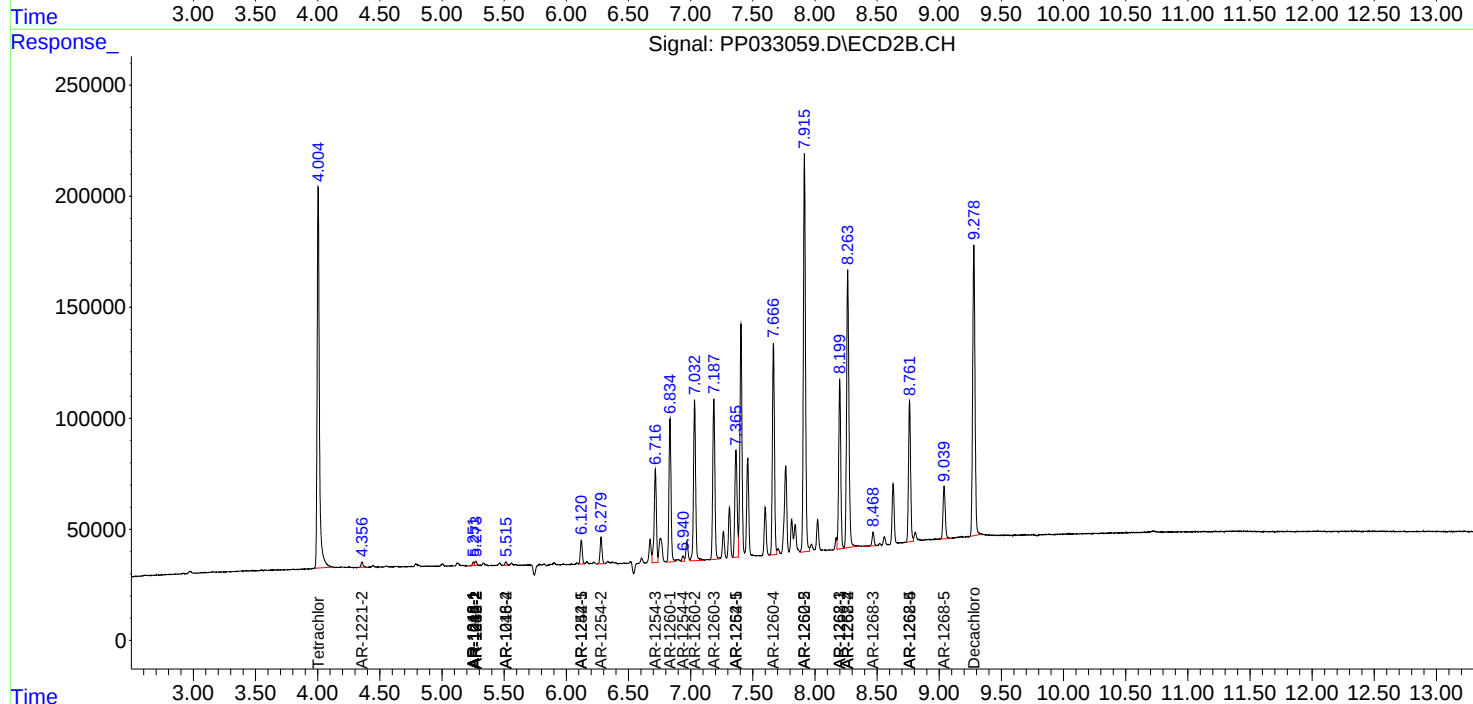
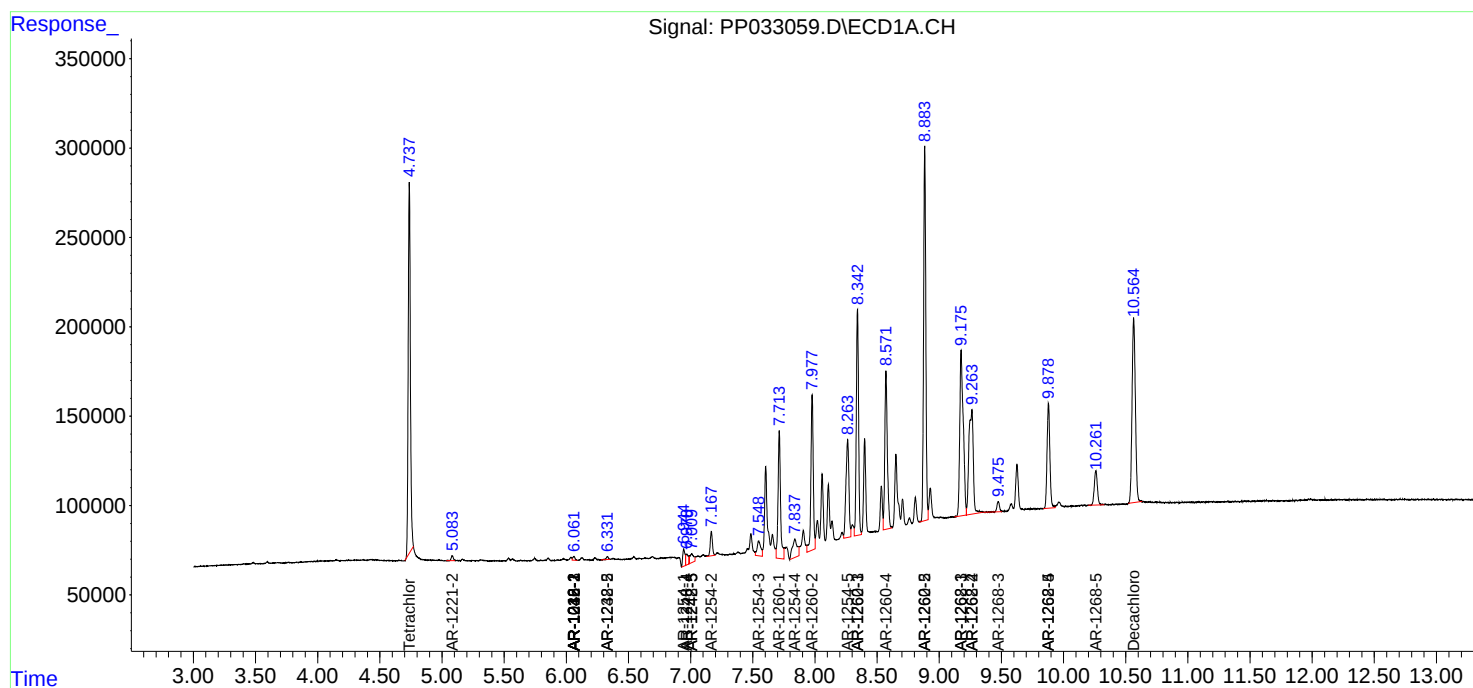
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

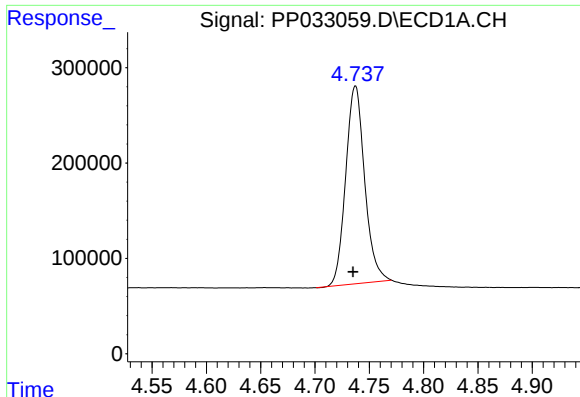
```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012921\
Data File : PP033059.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On    : 29 Jan 2021  11:09
Operator  : DD\AJ
Sample    : AR1262CCC500
Misc      :
ALS Vial  : 5      Sample Multiplier: 1
```

**Instrument :**  
ECD\_P  
**ClientSampleId :**  
AR1262CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 00:21:27 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jan 29 04:07:51 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

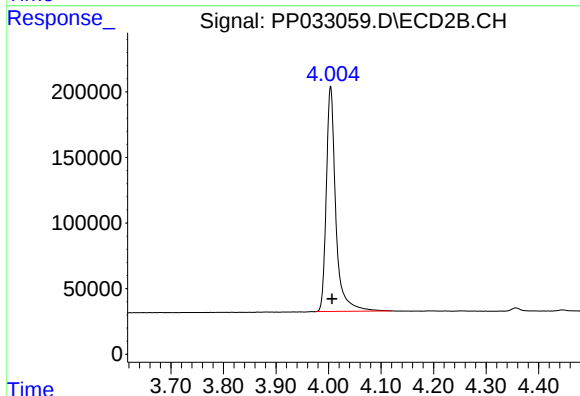




#1 Tetrachloro-m-xylene

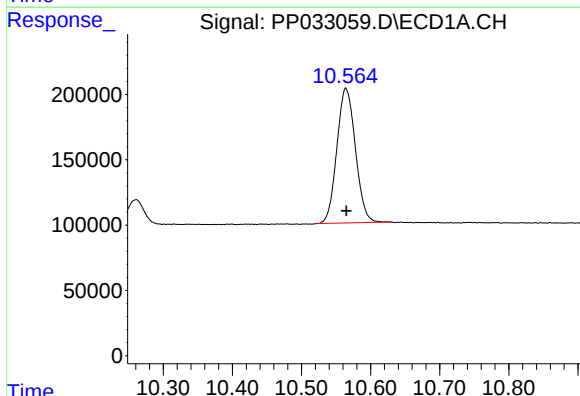
R.T.: 4.737 min  
Delta R.T.: 0.002 min  
Response: 2524030  
Conc: 44.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



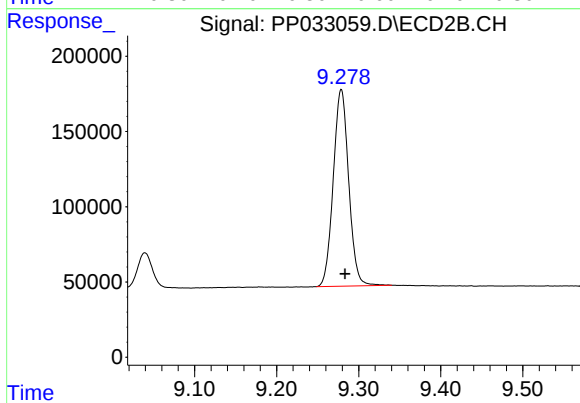
#1 Tetrachloro-m-xylene

R.T.: 4.004 min  
Delta R.T.: -0.003 min  
Response: 2153507  
Conc: 46.85 ng/ml



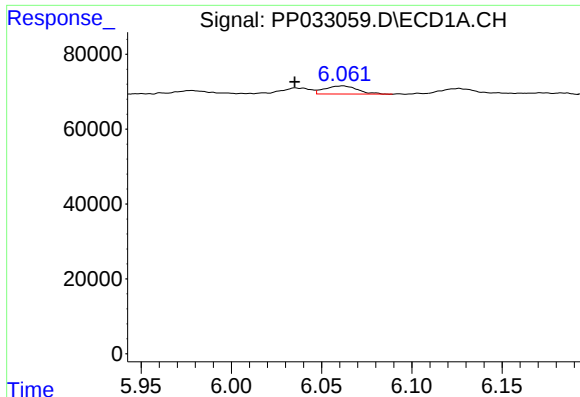
#2 Decachlorobiphenyl

R.T.: 10.564 min  
Delta R.T.: -0.001 min  
Response: 1925332  
Conc: 53.66 ng/ml



#2 Decachlorobiphenyl

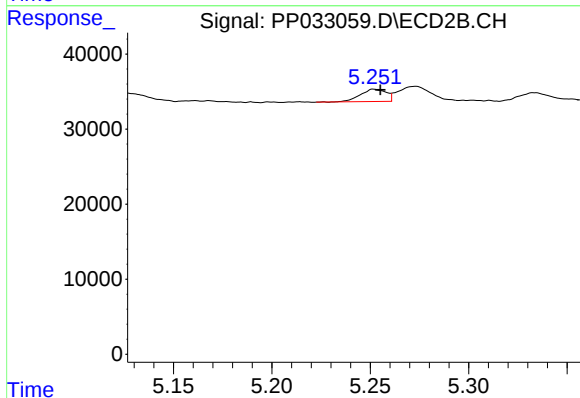
R.T.: 9.279 min  
Delta R.T.: -0.005 min  
Response: 1709243  
Conc: 52.02 ng/ml



#3 AR-1016-1

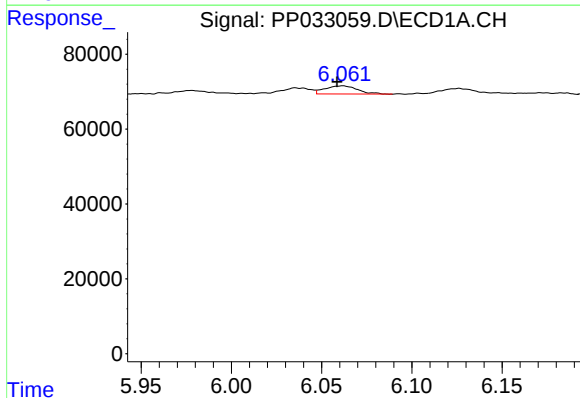
R.T.: 6.062 min  
Delta R.T.: 0.026 min  
Response: 27150  
Conc: 17.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



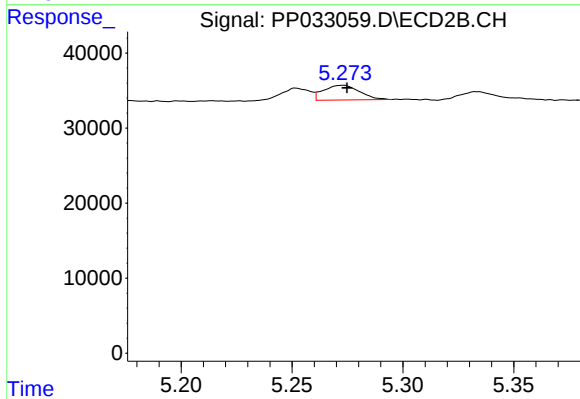
#3 AR-1016-1

R.T.: 5.252 min  
Delta R.T.: -0.003 min  
Response: 14786  
Conc: 11.61 ng/ml



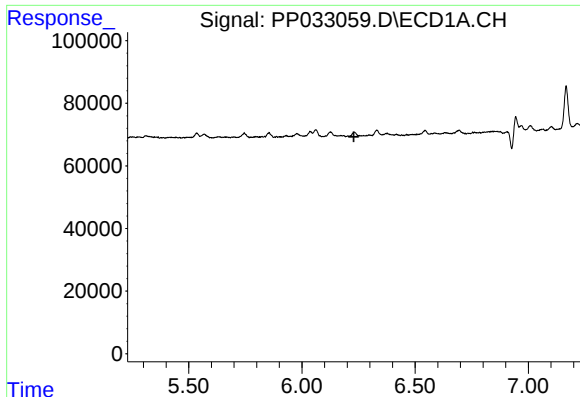
#4 AR-1016-2

R.T.: 6.062 min  
Delta R.T.: 0.003 min  
Response: 27150  
Conc: 11.42 ng/ml



#4 AR-1016-2

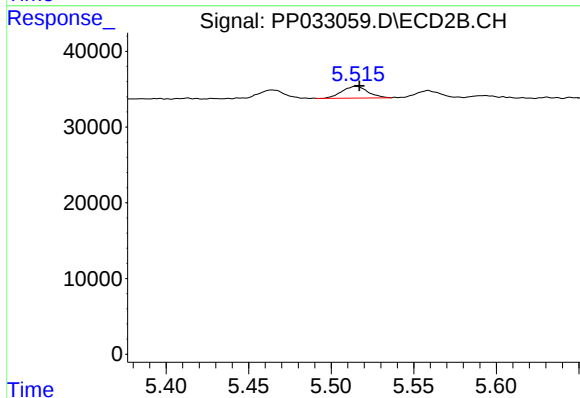
R.T.: 5.273 min  
Delta R.T.: -0.002 min  
Response: 22061  
Conc: 11.70 ng/ml



#6 AR-1016-4

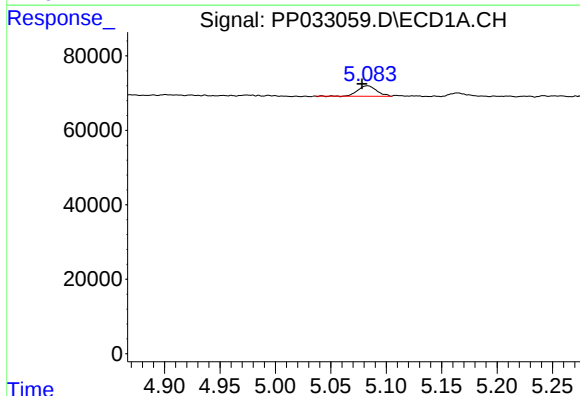
R.T.: 0.000 min  
Exp R.T.: 6.229 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



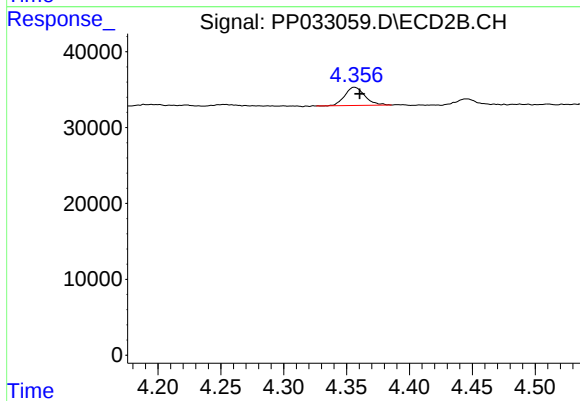
#6 AR-1016-4

R.T.: 5.515 min  
Delta R.T.: -0.002 min  
Response: 16995  
Conc: 21.59 ng/ml



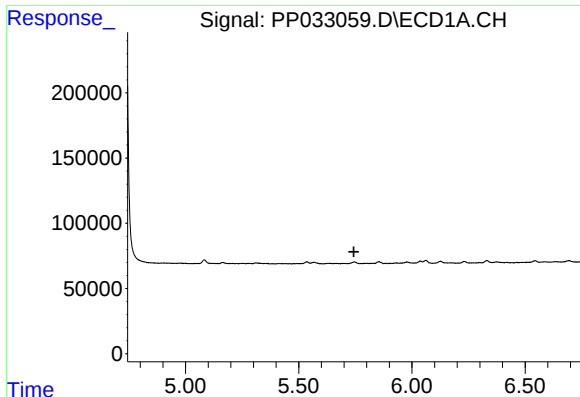
#9 AR-1221-2

R.T.: 5.083 min  
Delta R.T.: 0.005 min  
Response: 33402  
Conc: 77.24 ng/ml



#9 AR-1221-2

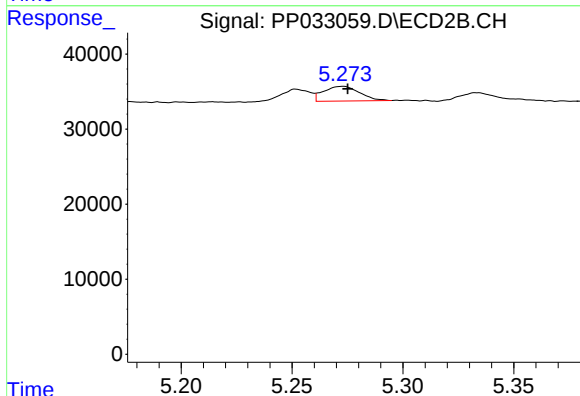
R.T.: 4.356 min  
Delta R.T.: -0.004 min  
Response: 26581  
Conc: 76.30 ng/ml



#12 AR-1232-2

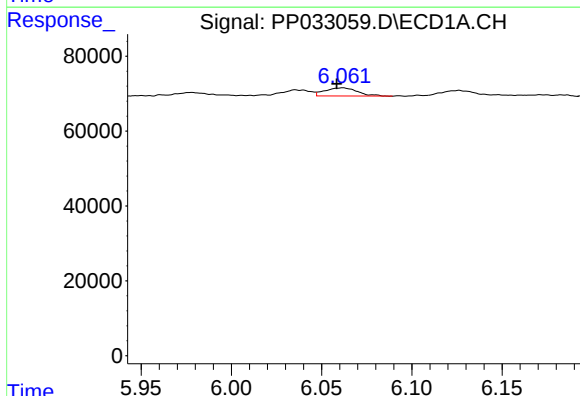
R.T.: 0.000 min  
Exp R.T.: 5.744 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



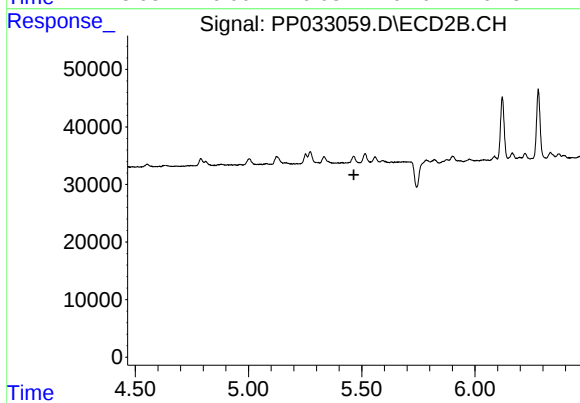
#12 AR-1232-2

R.T.: 5.273 min  
Delta R.T.: -0.002 min  
Response: 22061  
Conc: 26.79 ng/ml



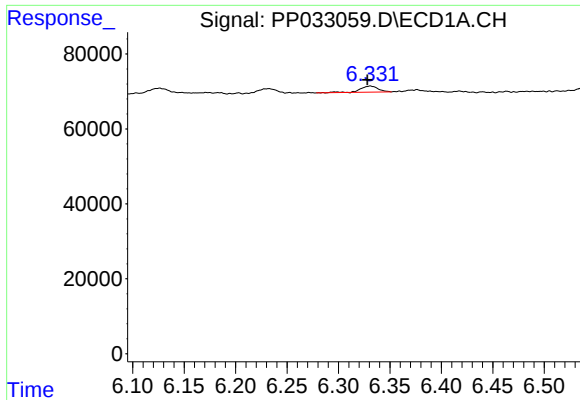
#13 AR-1232-3

R.T.: 6.062 min  
Delta R.T.: 0.003 min  
Response: 27150  
Conc: 26.64 ng/ml



#13 AR-1232-3

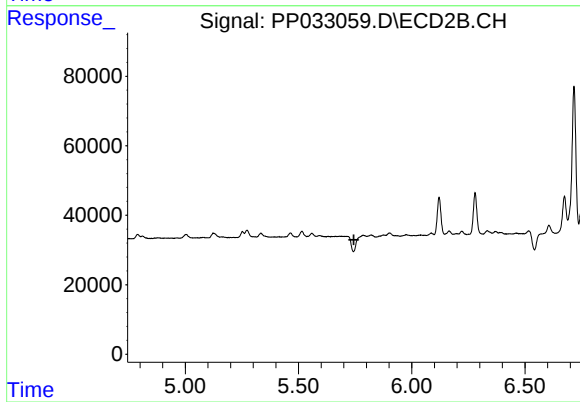
R.T.: 0.000 min  
Exp R.T.: 5.466 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

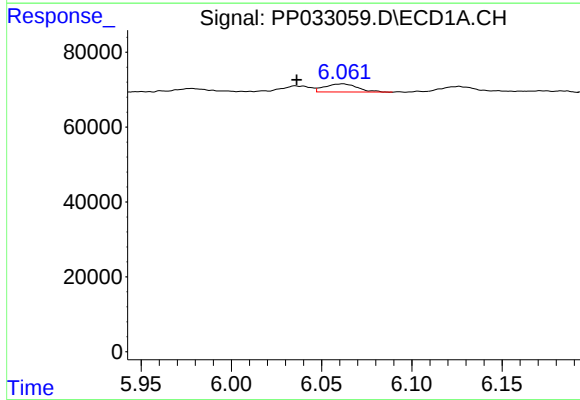
R.T.: 6.331 min  
Delta R.T.: 0.003 min  
Response: 19415  
Conc: 59.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



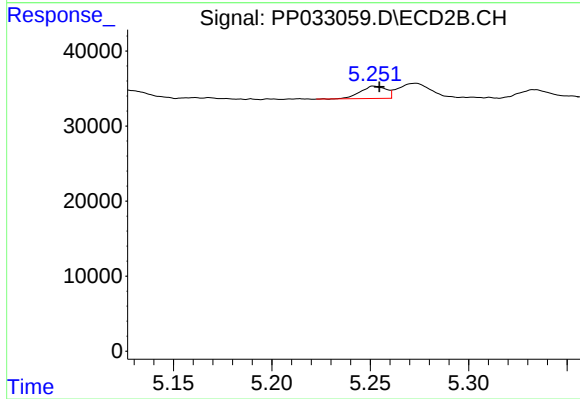
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.745 min  
Response: 0  
Conc: N.D.



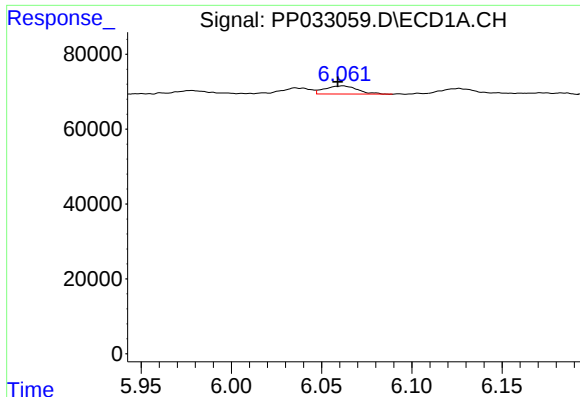
#16 AR-1242-1

R.T.: 6.062 min  
Delta R.T.: 0.026 min  
Response: 27150  
Conc: 21.87 ng/ml



#16 AR-1242-1

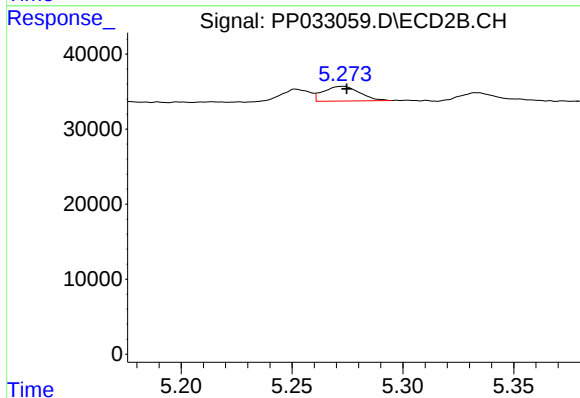
R.T.: 5.252 min  
Delta R.T.: -0.003 min  
Response: 14786  
Conc: 14.67 ng/ml



#17 AR-1242-2

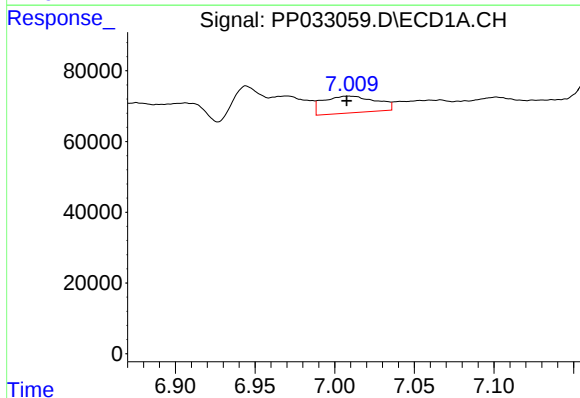
R.T.: 6.062 min  
Delta R.T.: 0.003 min  
Response: 27150  
Conc: 14.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



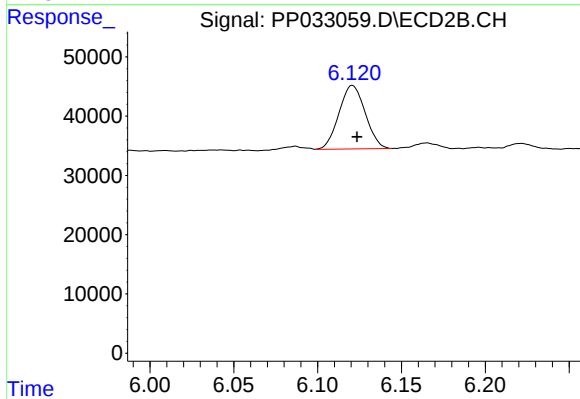
#17 AR-1242-2

R.T.: 5.273 min  
Delta R.T.: -0.002 min  
Response: 22061  
Conc: 14.88 ng/ml



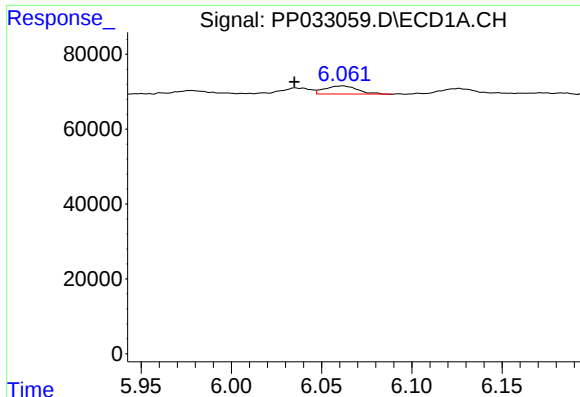
#20 AR-1242-5

R.T.: 7.009 min  
Delta R.T.: 0.001 min  
Response: 109771  
Conc: 119.85 ng/ml



#20 AR-1242-5

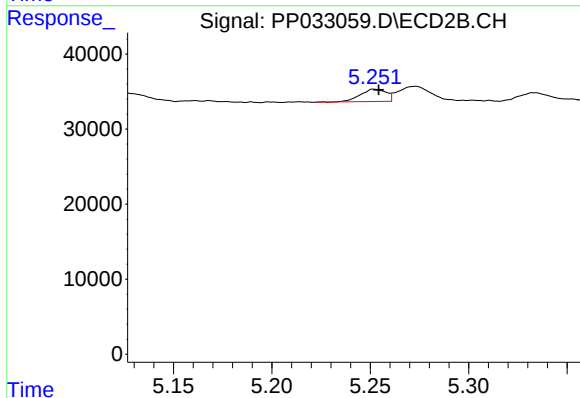
R.T.: 6.121 min  
Delta R.T.: -0.003 min  
Response: 116923  
Conc: 129.02 ng/ml



#21 AR-1248-1

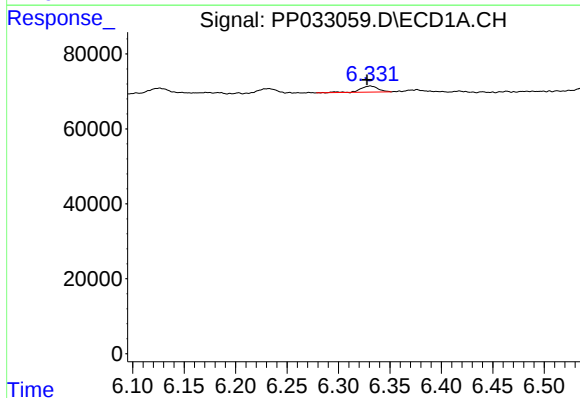
R.T.: 6.062 min  
Delta R.T.: 0.027 min  
Response: 27150  
Conc: 30.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



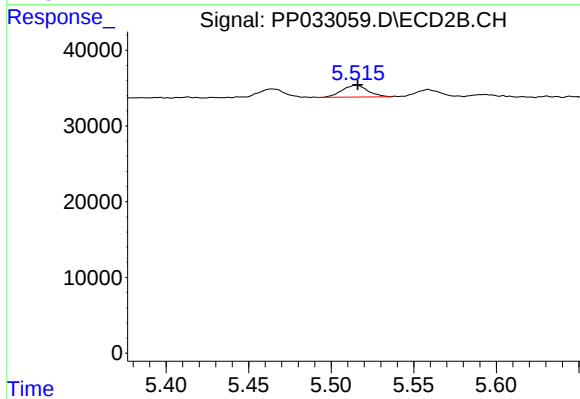
#21 AR-1248-1

R.T.: 5.252 min  
Delta R.T.: -0.002 min  
Response: 14786  
Conc: 19.74 ng/ml



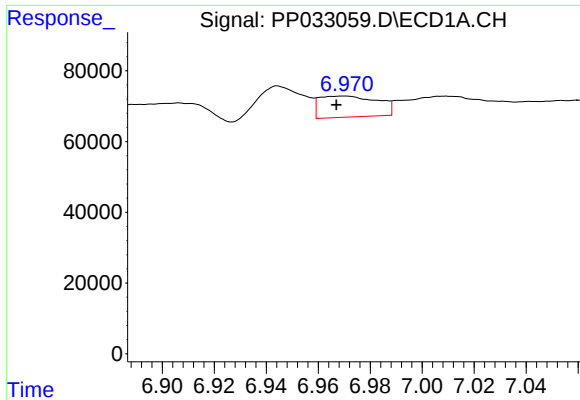
#22 AR-1248-2

R.T.: 6.331 min  
Delta R.T.: 0.003 min  
Response: 19415  
Conc: 16.08 ng/ml



#22 AR-1248-2

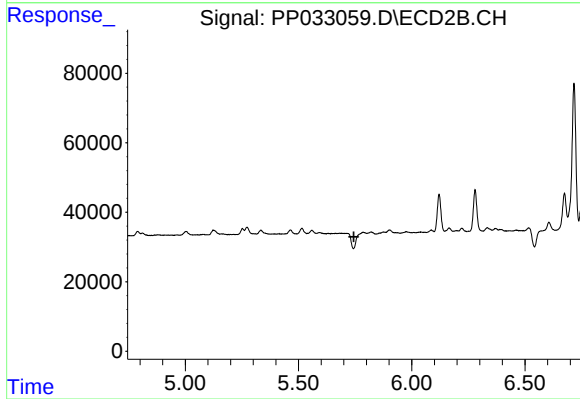
R.T.: 5.515 min  
Delta R.T.: 0.000 min  
Response: 16995  
Conc: 15.98 ng/ml



#24 AR-1248-4

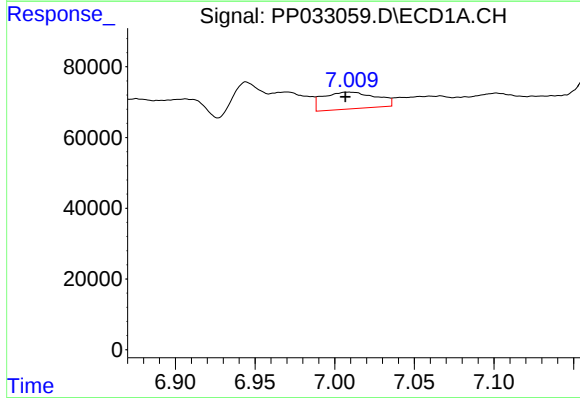
R.T.: 6.970 min  
Delta R.T.: 0.003 min  
Response: 92891  
Conc: 59.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



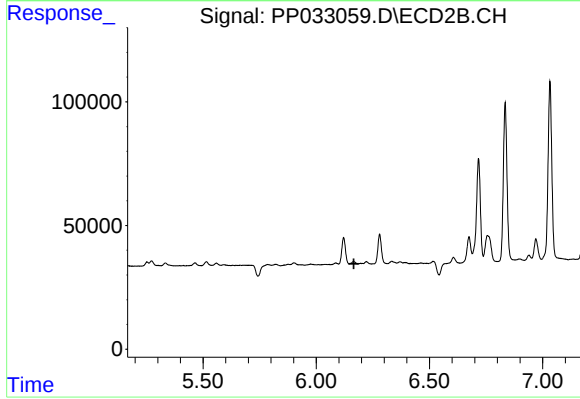
#24 AR-1248-4

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



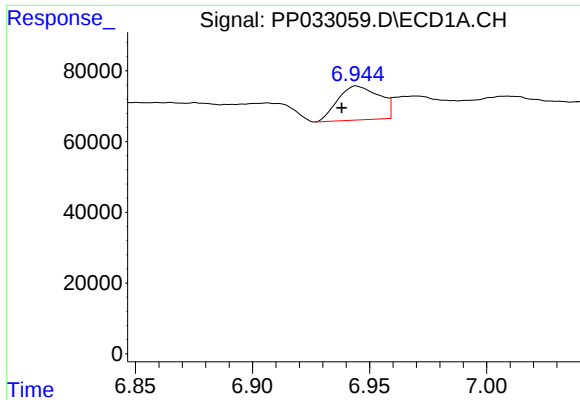
#25 AR-1248-5

R.T.: 7.009 min  
Delta R.T.: 0.002 min  
Response: 109771  
Conc: 70.93 ng/ml



#25 AR-1248-5

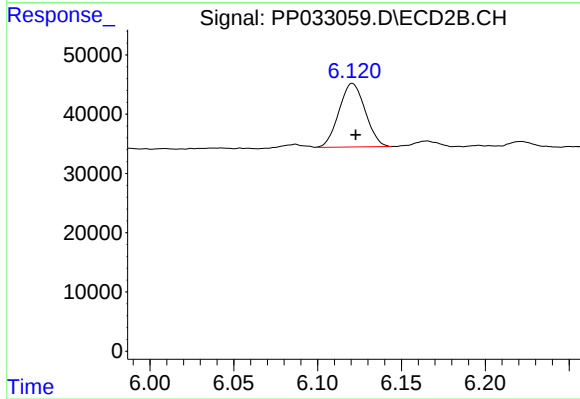
R.T.: 0.000 min  
Exp R.T. : 6.166 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

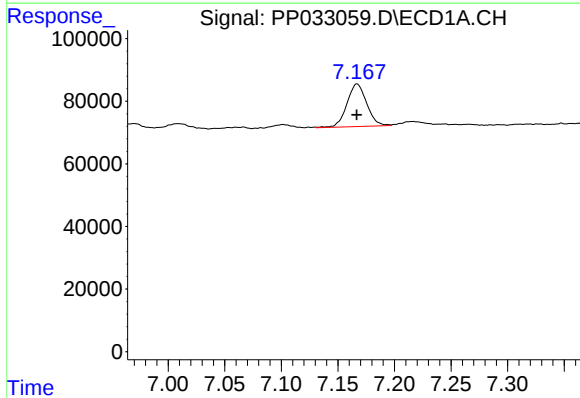
R.T.: 6.945 min  
Delta R.T.: 0.006 min  
Response: 118929  
Conc: 70.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



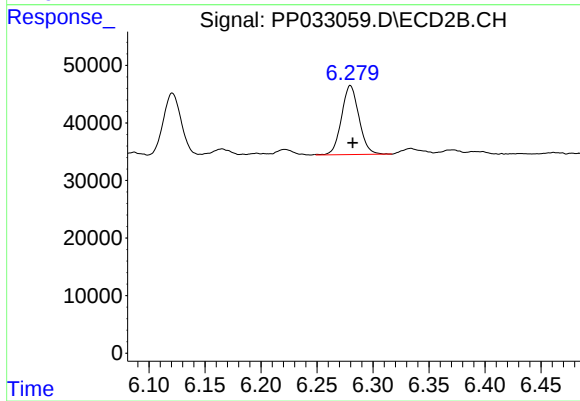
#26 AR-1254-1

R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 116923  
Conc: 58.34 ng/ml



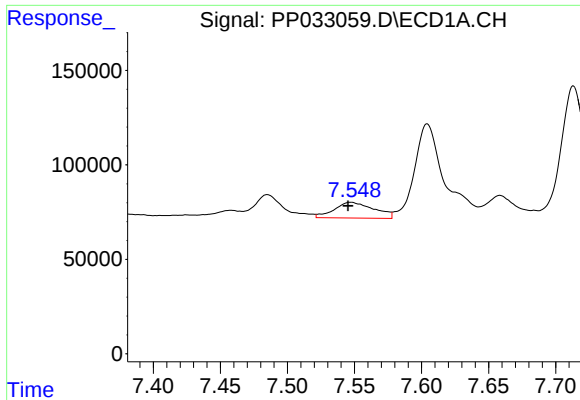
#27 AR-1254-2

R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 165697  
Conc: 64.17 ng/ml



#27 AR-1254-2

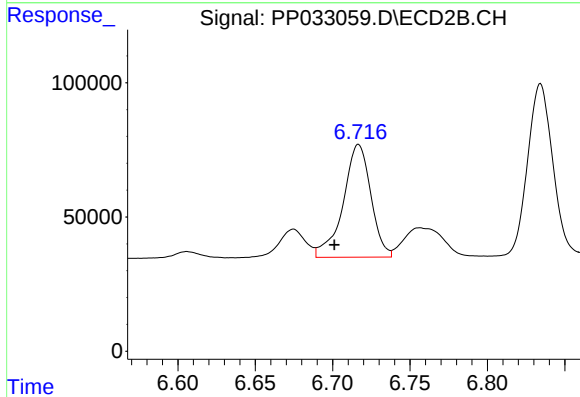
R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 129982  
Conc: 76.08 ng/ml



#28 AR-1254-3

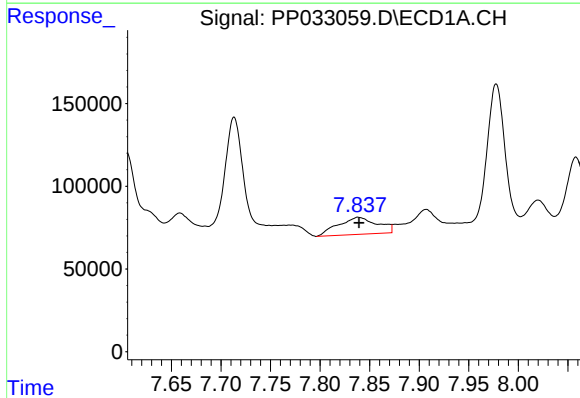
R.T.: 7.547 min  
Delta R.T.: 0.002 min  
Response: 172594  
Conc: 66.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



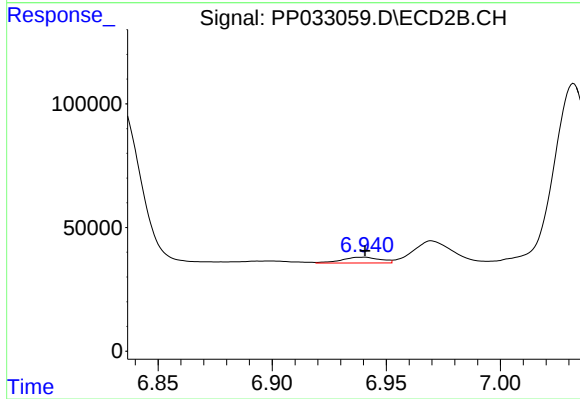
#28 AR-1254-3

R.T.: 6.717 min  
Delta R.T.: 0.016 min  
Response: 524342  
Conc: 192.86 ng/ml



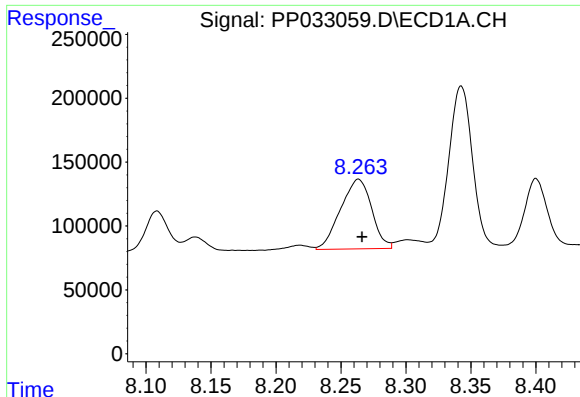
#29 AR-1254-4

R.T.: 7.838 min  
Delta R.T.: 0.000 min  
Response: 284329  
Conc: 161.15 ng/ml



#29 AR-1254-4

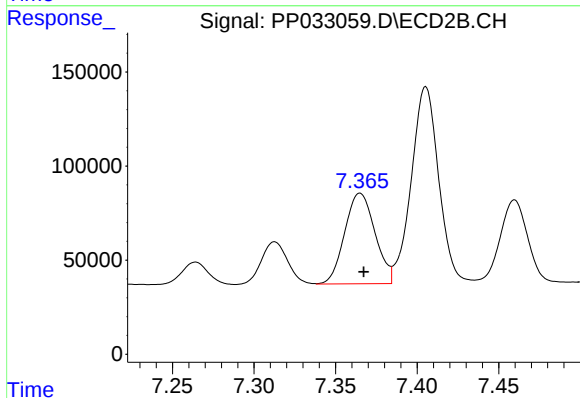
R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 27656  
Conc: 19.39 ng/ml



#30 AR-1254-5

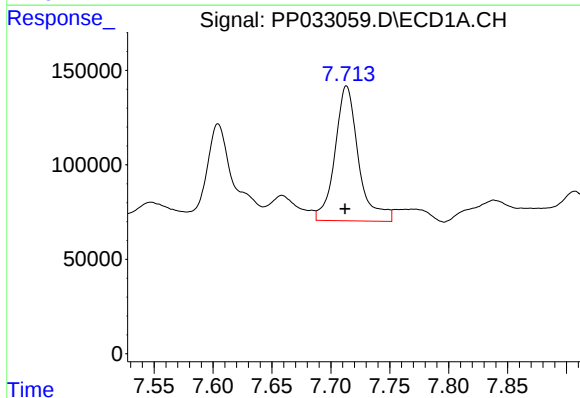
R.T.: 8.263 min  
Delta R.T.: -0.003 min  
Response: 908031  
Conc: 458.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



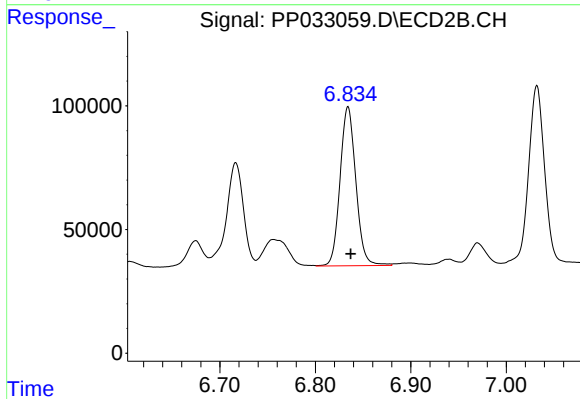
#30 AR-1254-5

R.T.: 7.365 min  
Delta R.T.: -0.002 min  
Response: 622591  
Conc: 275.66 ng/ml



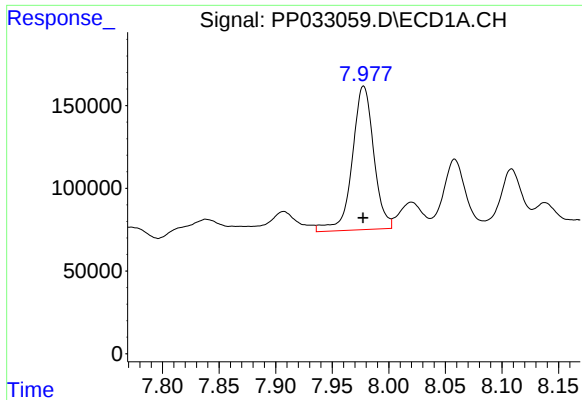
#31 AR-1260-1

R.T.: 7.713 min  
Delta R.T.: 0.001 min  
Response: 992714  
Conc: 537.08 ng/ml



#31 AR-1260-1

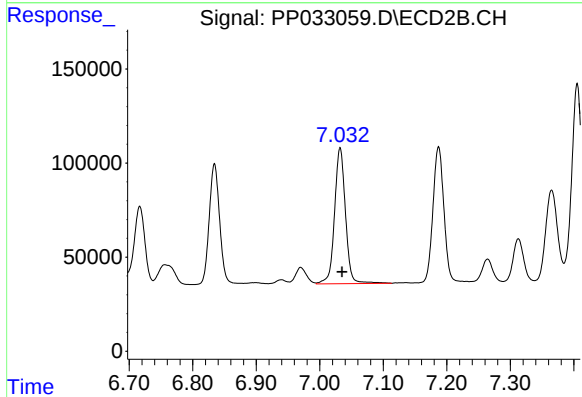
R.T.: 6.834 min  
Delta R.T.: -0.003 min  
Response: 738478  
Conc: 408.30 ng/ml



#32 AR-1260-2

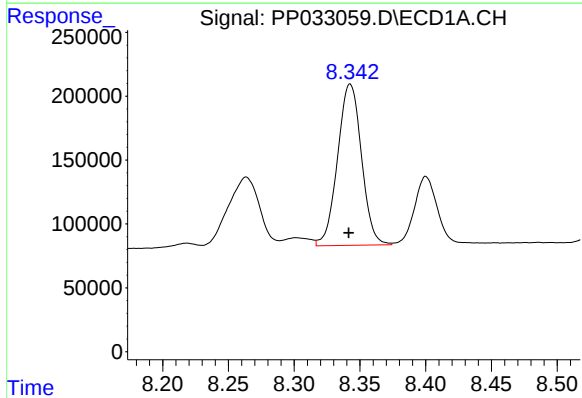
R.T.: 7.978 min  
Delta R.T.: 0.000 min  
Response: 1150322  
Conc: 469.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



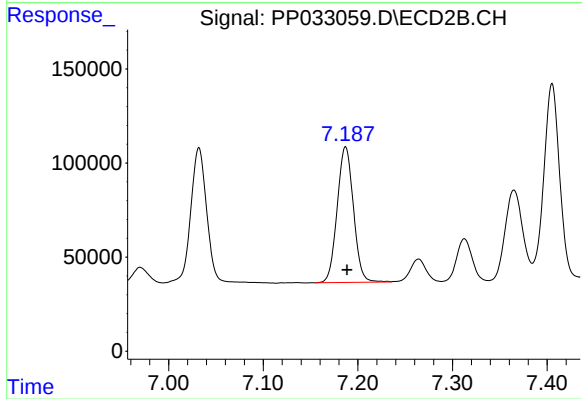
#32 AR-1260-2

R.T.: 7.032 min  
Delta R.T.: -0.003 min  
Response: 863846  
Conc: 417.16 ng/ml



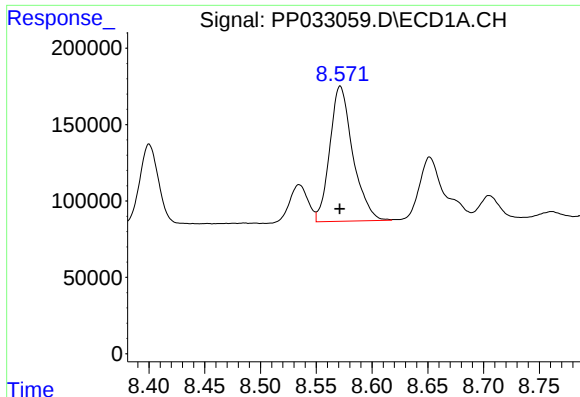
#33 AR-1260-3

R.T.: 8.343 min  
Delta R.T.: 0.001 min  
Response: 1596824  
Conc: 748.10 ng/ml



#33 AR-1260-3

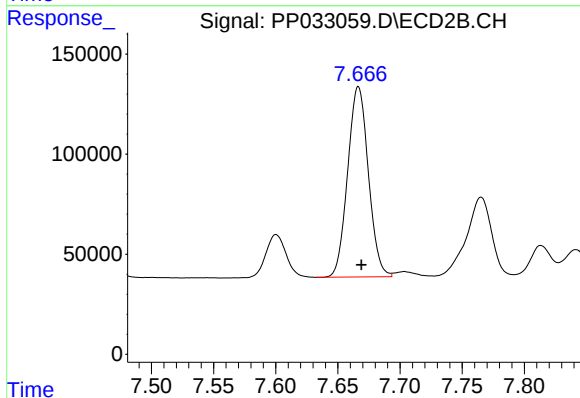
R.T.: 7.187 min  
Delta R.T.: -0.002 min  
Response: 863357  
Conc: 399.37 ng/ml



#34 AR-1260-4

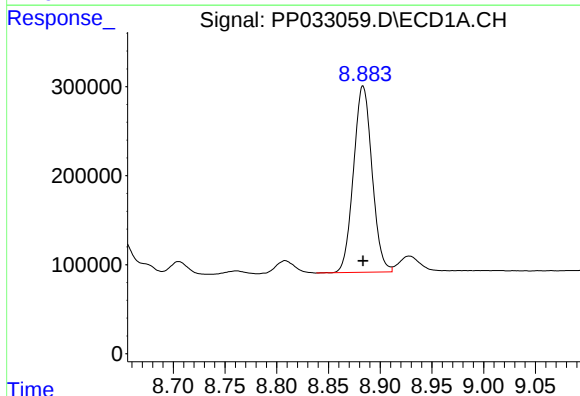
R.T.: 8.572 min  
Delta R.T.: 0.000 min  
Response: 1271914  
Conc: 622.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



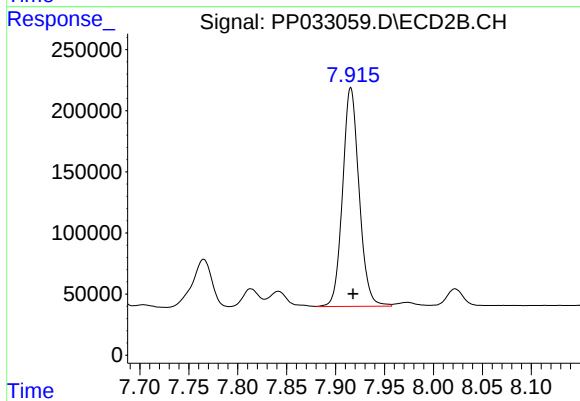
#34 AR-1260-4

R.T.: 7.667 min  
Delta R.T.: -0.002 min  
Response: 1104117  
Conc: 645.46 ng/ml



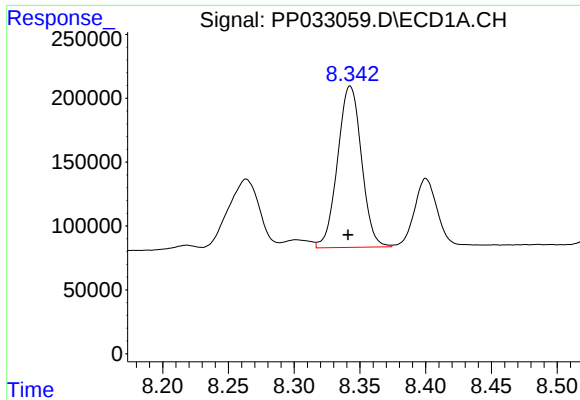
#35 AR-1260-5

R.T.: 8.883 min  
Delta R.T.: 0.000 min  
Response: 2609586  
Conc: 587.64 ng/ml



#35 AR-1260-5

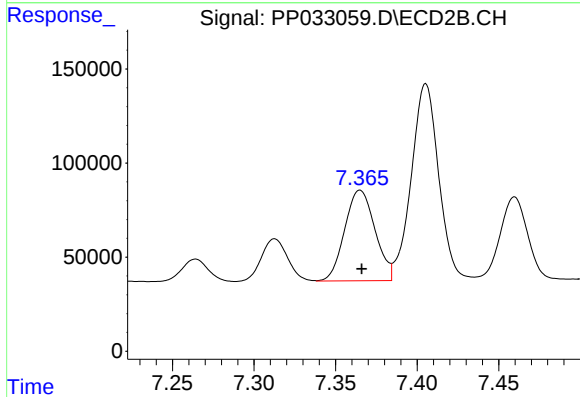
R.T.: 7.916 min  
Delta R.T.: -0.002 min  
Response: 2103917  
Conc: 547.66 ng/ml



#36 AR-1262-1

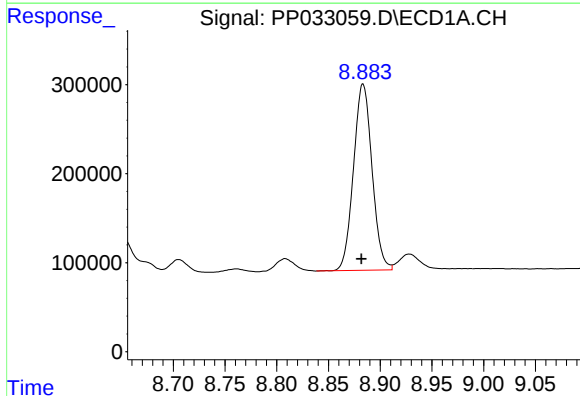
R.T.: 8.343 min  
Delta R.T.: 0.002 min  
Response: 1596824  
Conc: 515.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



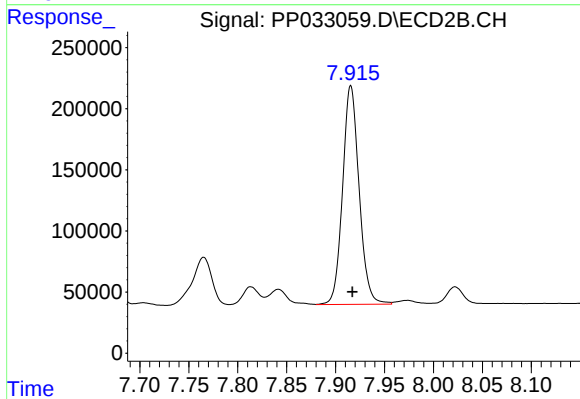
#36 AR-1262-1

R.T.: 7.365 min  
Delta R.T.: -0.001 min  
Response: 622591  
Conc: 527.00 ng/ml



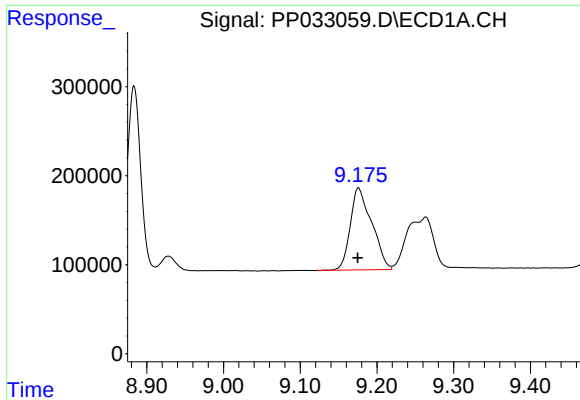
#37 AR-1262-2

R.T.: 8.883 min  
Delta R.T.: 0.002 min  
Response: 2609586  
Conc: 547.43 ng/ml



#37 AR-1262-2

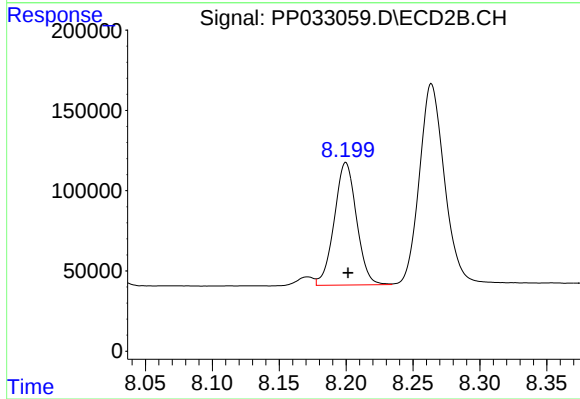
R.T.: 7.916 min  
Delta R.T.: -0.002 min  
Response: 2103917  
Conc: 538.96 ng/ml



#38 AR-1262-3

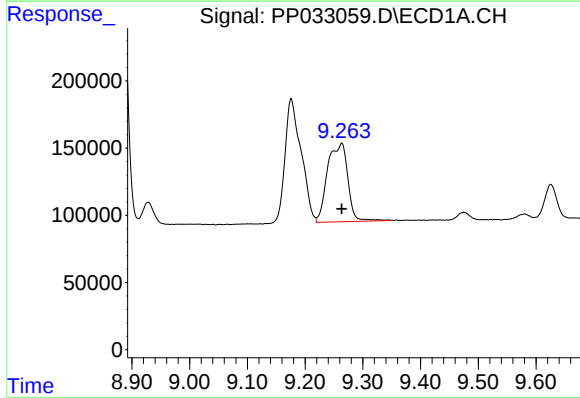
R.T.: 9.176 min  
Delta R.T.: 0.000 min  
Response: 1801291  
Conc: 535.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



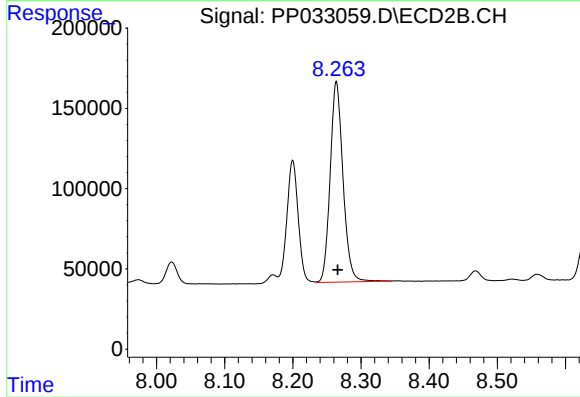
#38 AR-1262-3

R.T.: 8.200 min  
Delta R.T.: -0.002 min  
Response: 884703  
Conc: 512.83 ng/ml



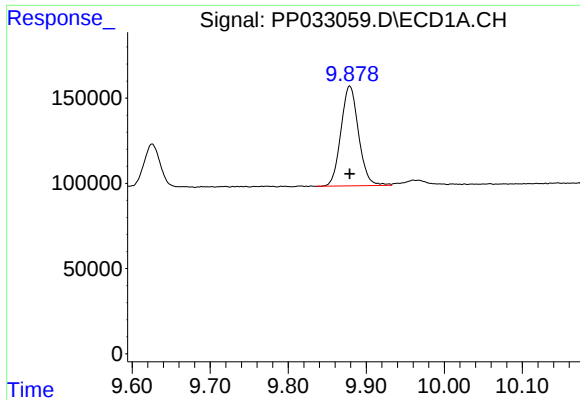
#39 AR-1262-4

R.T.: 9.264 min  
Delta R.T.: 0.000 min  
Response: 1428256  
Conc: 514.09 ng/ml



#39 AR-1262-4

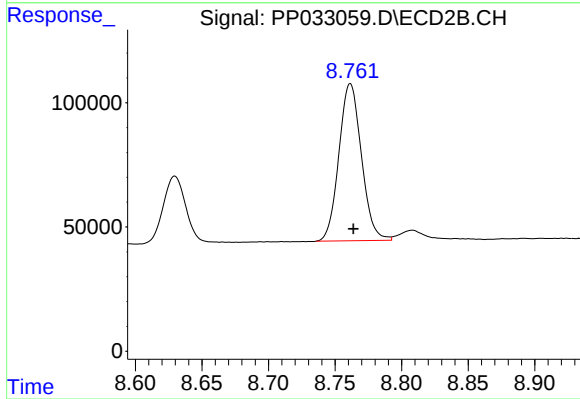
R.T.: 8.264 min  
Delta R.T.: -0.002 min  
Response: 1634997  
Conc: 522.03 ng/ml



#40 AR-1262-5

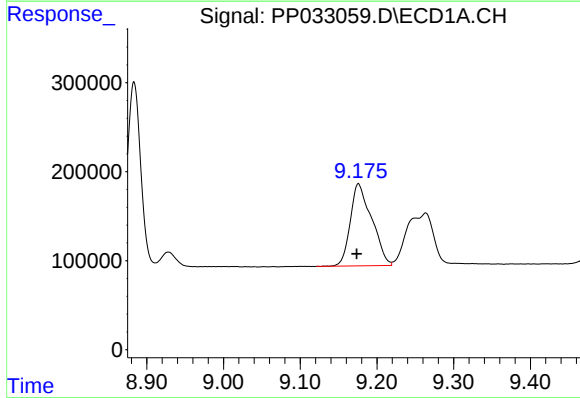
R.T.: 9.879 min  
Delta R.T.: 0.000 min  
Response: 919898  
Conc: 586.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



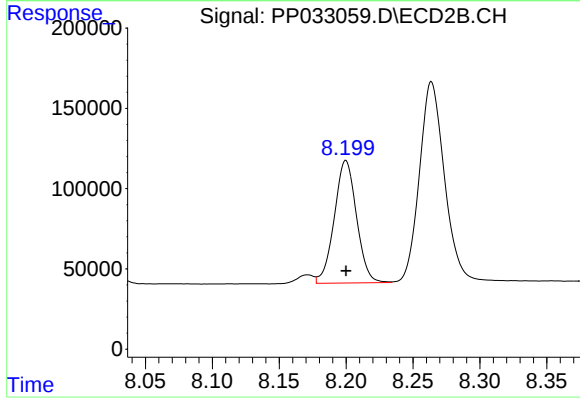
#40 AR-1262-5

R.T.: 8.761 min  
Delta R.T.: -0.002 min  
Response: 745006  
Conc: 578.05 ng/ml



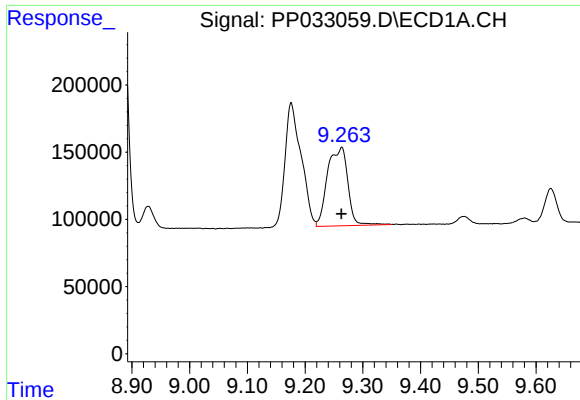
#41 AR-1268-1

R.T.: 9.176 min  
Delta R.T.: 0.002 min  
Response: 1801291  
Conc: 291.35 ng/ml



#41 AR-1268-1

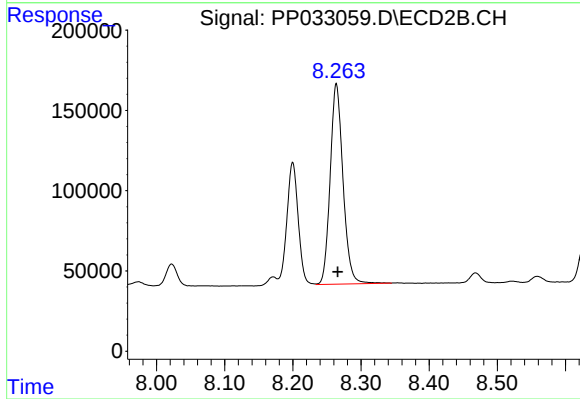
R.T.: 8.200 min  
Delta R.T.: 0.000 min  
Response: 884703  
Conc: 186.70 ng/ml



#42 AR-1268-2

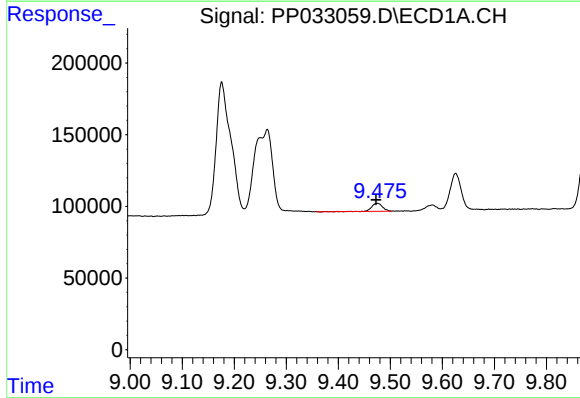
R.T.: 9.264 min  
Delta R.T.: 0.000 min  
Response: 1428256  
Conc: 255.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



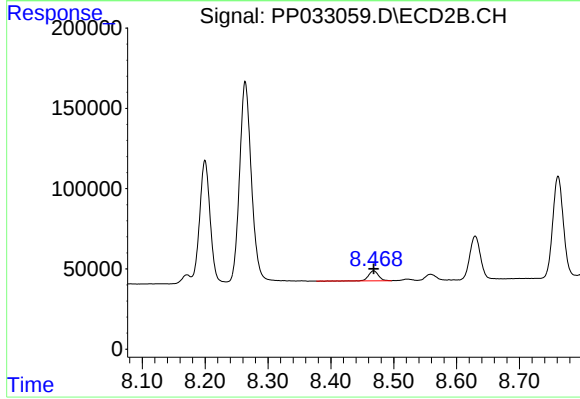
#42 AR-1268-2

R.T.: 8.264 min  
Delta R.T.: -0.002 min  
Response: 1634997  
Conc: 364.52 ng/ml



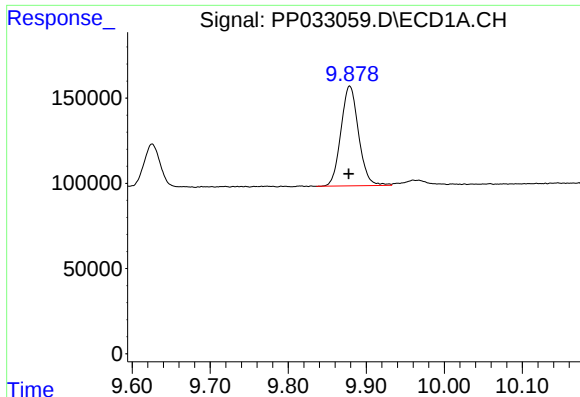
#43 AR-1268-3

R.T.: 9.475 min  
Delta R.T.: 0.003 min  
Response: 82578  
Conc: 15.95 ng/ml



#43 AR-1268-3

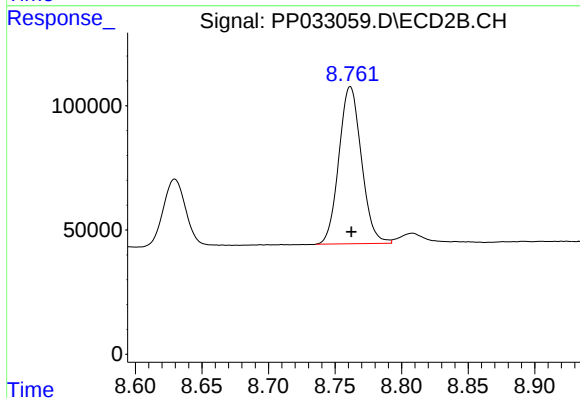
R.T.: 8.468 min  
Delta R.T.: 0.000 min  
Response: 67124  
Conc: 16.33 ng/ml



#44 AR-1268-4

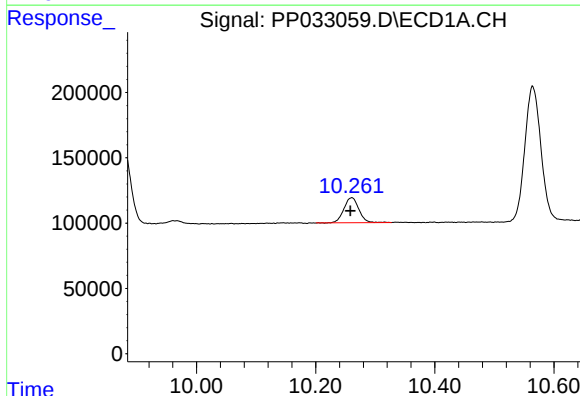
R.T.: 9.879 min  
Delta R.T.: 0.001 min  
Response: 919898  
Conc: 580.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262CCC500



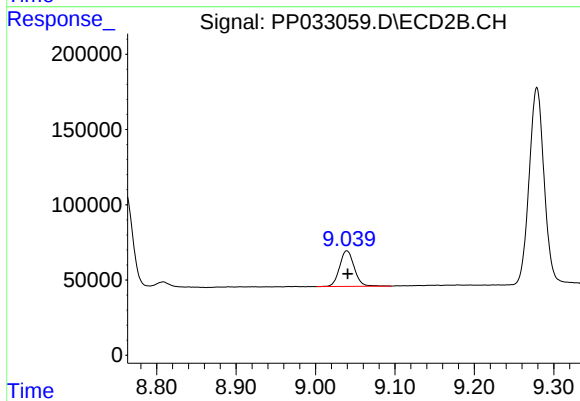
#44 AR-1268-4

R.T.: 8.761 min  
Delta R.T.: 0.000 min  
Response: 745006  
Conc: 543.66 ng/ml



#45 AR-1268-5

R.T.: 10.261 min  
Delta R.T.: 0.002 min  
Response: 336351  
Conc: 25.96 ng/ml



#45 AR-1268-5

R.T.: 9.039 min  
Delta R.T.: -0.001 min  
Response: 302863  
Conc: 26.85 ng/ml