

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP012921\  
 Data File : PP033064.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2021 12:33  
 Operator : DD\AJ  
 Sample : M1260-14DL2 200X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 00:23:11 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 |                 |        |        |         |         |          |           |
| 2)                          | SA Decachlor... | 10.560 | 9.279  | 107914  | 49749   | 3.008    | 1.514 #   |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.057f | 0.000  | 8010    | 0       | 5.202    | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.057  | 0.000  | 8010    | 0       | 3.369    | N.D. #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.515  | 0       | 39266   | N.D.     | 49.887 #  |
| 7)                          | L1 AR-1016-5    | 6.541  | 5.743  | 31372   | 16534   | 27.751   | 16.068 #  |
| 13)                         | L3 AR-1232-3    | 6.057  | 0.000  | 8010    | 0       | 7.858    | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.559  | 0       | 30839   | N.D.     | 84.613 #  |
| 15)                         | L3 AR-1232-5    | 6.327  | 5.743  | 25923   | 16534   | 79.802   | 40.934 #  |
| 16)                         | L4 AR-1242-1    | 6.057f | 0.000  | 8010    | 0       | 6.452    | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.057  | 0.000  | 8010    | 0       | 4.315    | N.D. #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.559  | 0       | 30839   | N.D.     | 39.992 #  |
| 20)                         | L4 AR-1242-5    | 7.005  | 6.121  | 21156   | 68861   | 23.099   | 75.986 #  |
| 21)                         | L5 AR-1248-1    | 6.057f | 0.000  | 8010    | 0       | 9.000    | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.327  | 5.515  | 25923   | 39266   | 21.472   | 36.922 #  |
| 23)                         | L5 AR-1248-3    | 6.541  | 5.559  | 31372   | 30839   | 20.853   | 27.284 #  |
| 24)                         | L5 AR-1248-4    | 6.965  | 5.743  | 21035   | 16534   | 13.370   | 12.215    |
| 25)                         | L5 AR-1248-5    | 7.005  | 0.000  | 21156   | 0       | 13.670   | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.935  | 6.121  | 54028   | 68861   | 32.067   | 34.357    |
| 27)                         | L6 AR-1254-2    | 7.163  | 6.280  | 118475  | 69100   | 45.884   | 40.444    |
| 28)                         | L6 AR-1254-3    | 7.542  | 6.717f | 115667  | 393952  | 44.249   | 144.903 # |
| 29)                         | L6 AR-1254-4    | 7.835  | 6.942  | 88181   | 241457  | 49.979   | 169.273 # |
| 30)                         | L6 AR-1254-5    | 8.252  | 7.365  | 835649  | 500710  | 422.095  | 221.693 # |
| 31)                         | L7 AR-1260-1    | 7.710  | 6.835  | 702238  | 692741  | 379.927  | 383.010   |
| 32)                         | L7 AR-1260-2    | 7.974  | 7.033  | 1328235 | 1009454 | 542.573  | 487.475   |
| 33)                         | L7 AR-1260-3    | 8.339  | 7.188  | 3201653 | 832909  | 1499.943 | 385.282 # |
| 34)                         | L7 AR-1260-4    | 8.569  | 7.666  | 2255474 | 1646569 | 1104.735 | 962.578   |
| 35)                         | L7 AR-1260-5    | 8.880  | 7.915  | 5163566 | 3870961 | 1162.757 | 1007.636  |
| 36)                         | L8 AR-1262-1    | 8.339  | 7.365  | 3201653 | 500710  | 1034.364 | 423.833 # |
| 37)                         | L8 AR-1262-2    | 8.880  | 7.915  | 5163566 | 3870961 | 1083.202 | 991.620   |
| 38)                         | L8 AR-1262-3    | 9.172  | 8.199  | 4312313 | 2544054 | 1281.962 | 1474.682  |
| 39)                         | L8 AR-1262-4    | 9.260  | 8.265  | 5282986 | 4927757 | 1901.559 | 1573.352  |
| 40)                         | L8 AR-1262-5    | 9.876  | 8.761  | 3024630 | 2255454 | 1929.624 | 1750.005  |
| 41)                         | L9 AR-1268-1    | 9.172  | 8.199  | 4312313 | 2544054 | 697.492  | 536.884   |
| 42)                         | L9 AR-1268-2    | 9.260  | 8.265  | 5282986 | 4927757 | 944.543  | 1098.627  |
| 43)                         | L9 AR-1268-3    | 9.472  | 8.468  | 712391  | 508247  | 137.616  | 123.646   |
| 44)                         | L9 AR-1268-4    | 9.876  | 8.761  | 3024630 | 2255454 | 1907.456 | 1645.898  |
| 45)                         | L9 AR-1268-5    | 10.256 | 9.040  | 2962110 | 1838917 | 228.629  | 163.056 # |
| -----                       |                 |        |        |         |         |          |           |

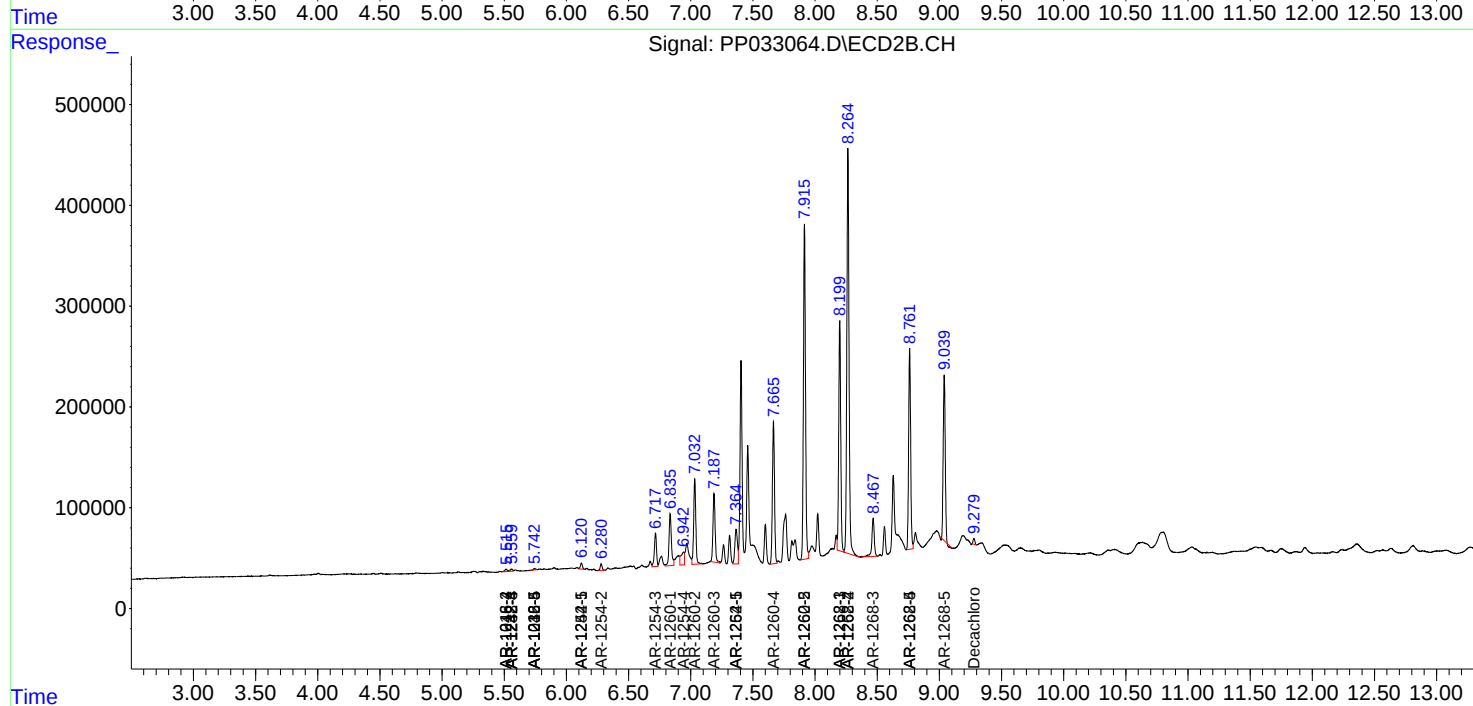
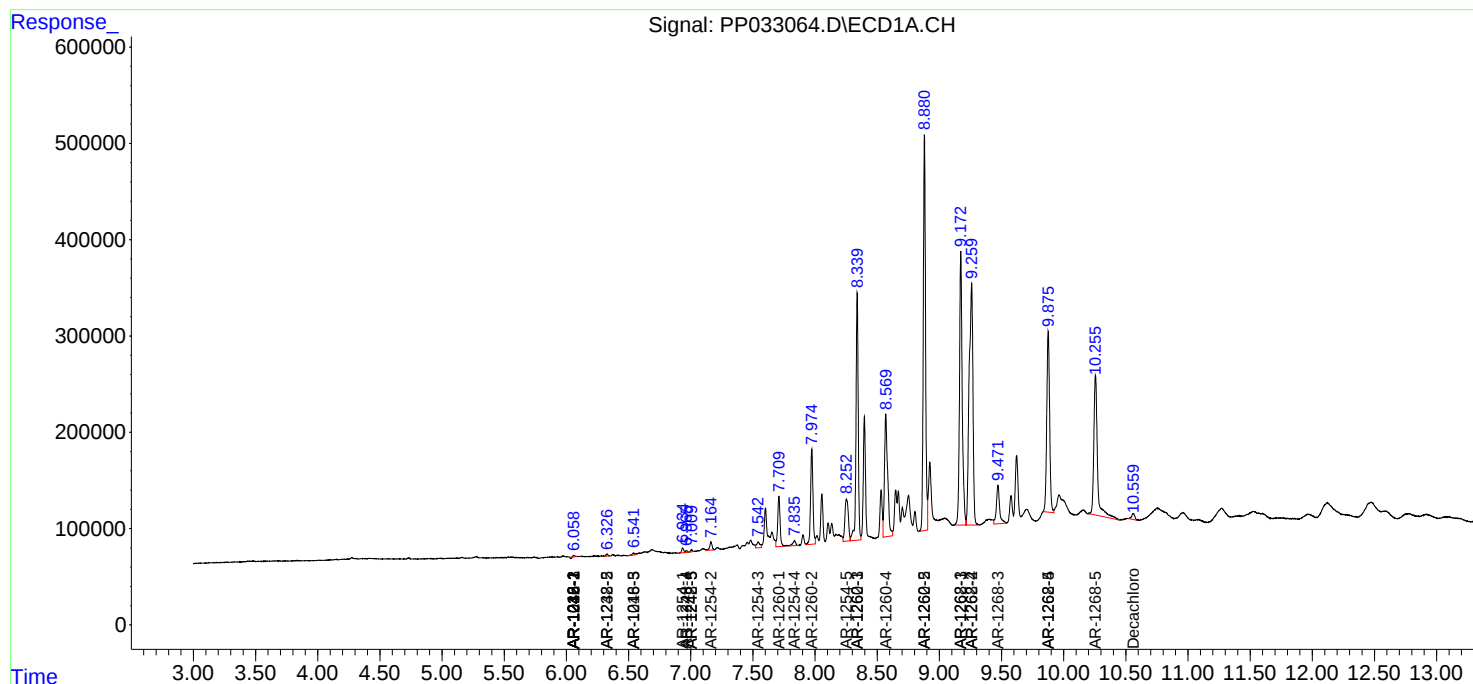
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

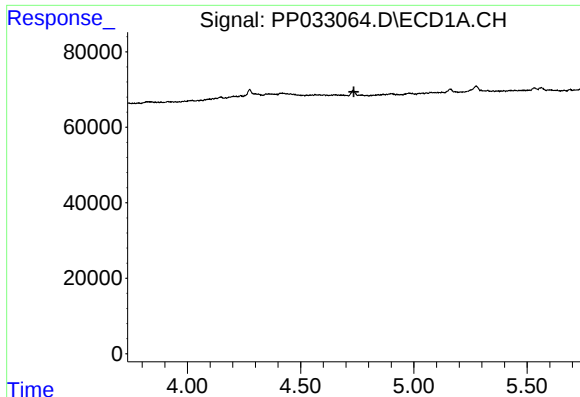
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP012921\  
Data File : PP033064.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Jan 2021 12:33  
Operator : DD\AJ  
Sample : M1260-14DL2 200X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 00:23:11 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

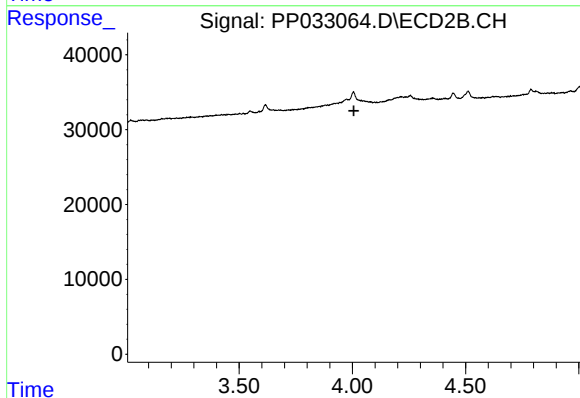




#1 Tetrachloro-m-xylene

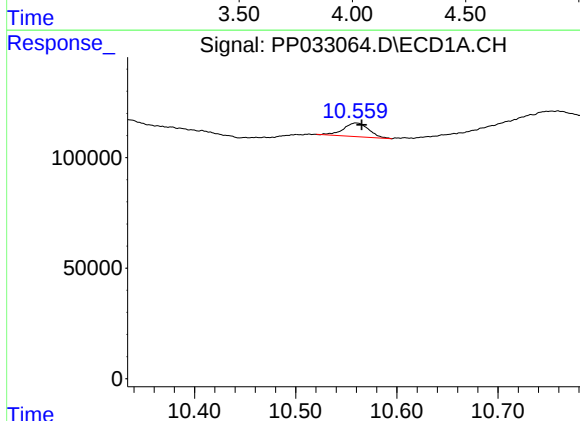
R.T.: 0.000 min  
Exp R.T. : 4.735 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



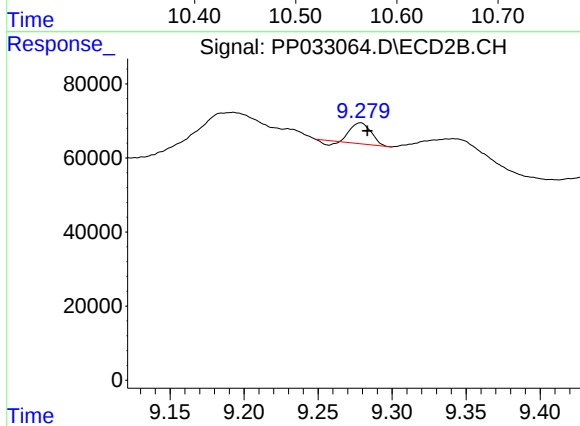
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 4.007 min  
Response: 0  
Conc: N.D.



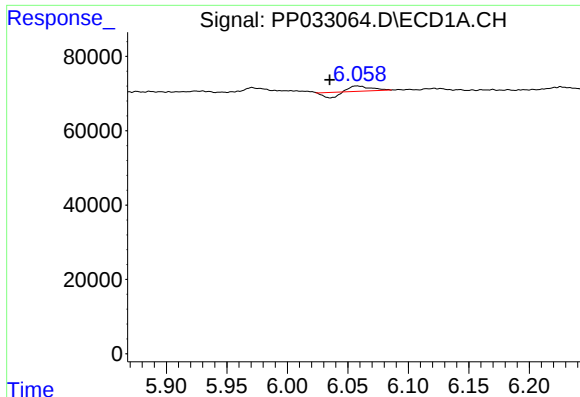
#2 Decachlorobiphenyl

R.T.: 10.560 min  
Delta R.T.: -0.005 min  
Response: 107914  
Conc: 3.01 ng/ml



#2 Decachlorobiphenyl

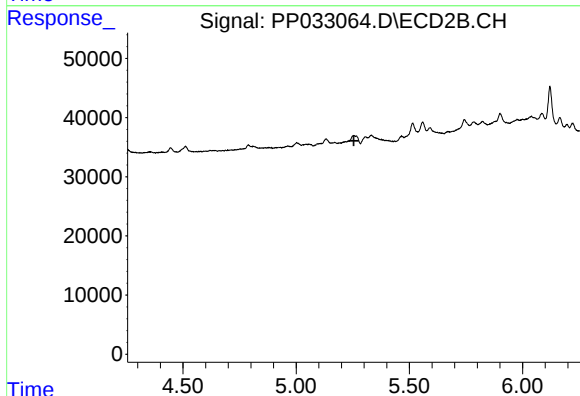
R.T.: 9.279 min  
Delta R.T.: -0.005 min  
Response: 49749  
Conc: 1.51 ng/ml



#3 AR-1016-1

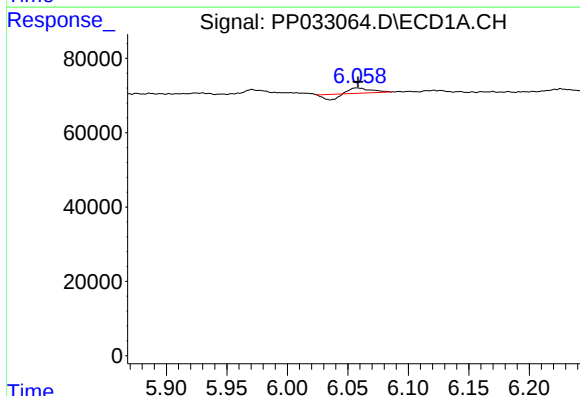
R.T.: 6.057 min  
Delta R.T.: 0.022 min  
Response: 8010  
Conc: 5.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



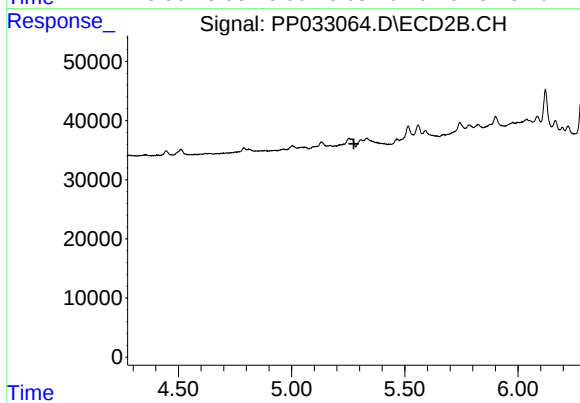
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.255 min  
Response: 0  
Conc: N.D.



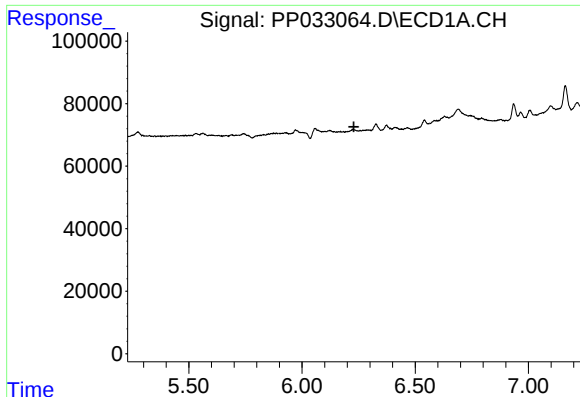
#4 AR-1016-2

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 8010  
Conc: 3.37 ng/ml



#4 AR-1016-2

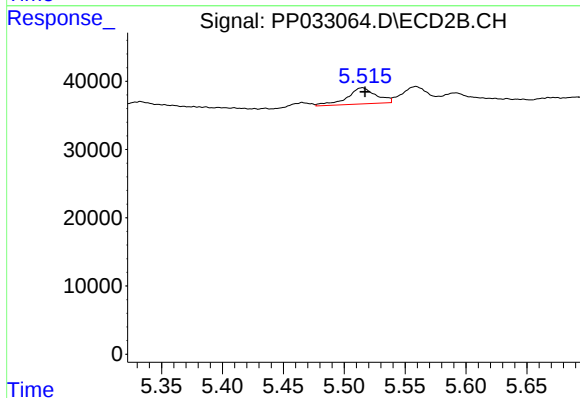
R.T.: 0.000 min  
Exp R.T. : 5.275 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

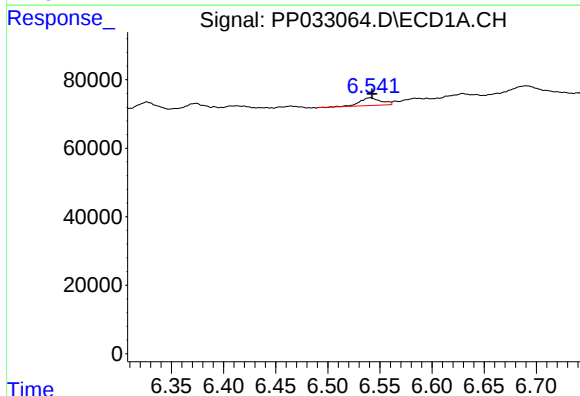
R.T.: 0.000 min  
Exp R.T.: 6.229 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



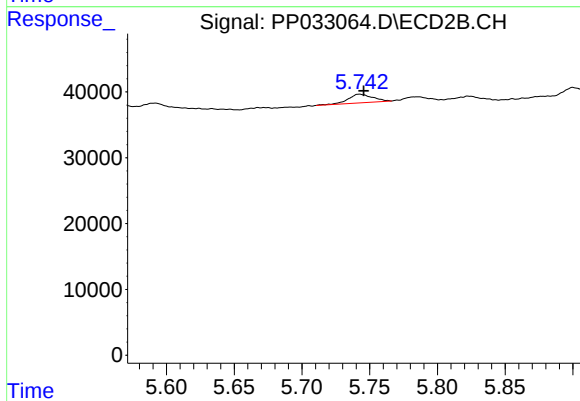
#6 AR-1016-4

R.T.: 5.515 min  
Delta R.T.: -0.002 min  
Response: 39266  
Conc: 49.89 ng/ml



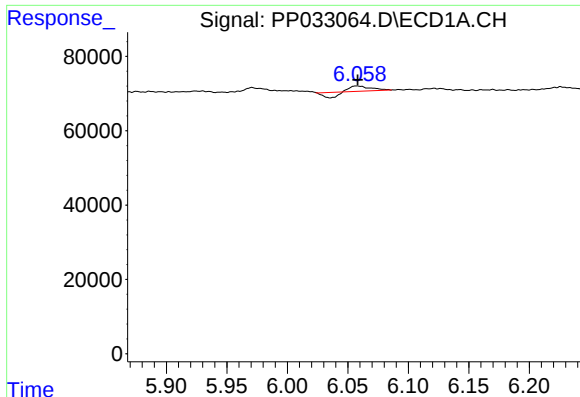
#7 AR-1016-5

R.T.: 6.541 min  
Delta R.T.: -0.001 min  
Response: 31372  
Conc: 27.75 ng/ml



#7 AR-1016-5

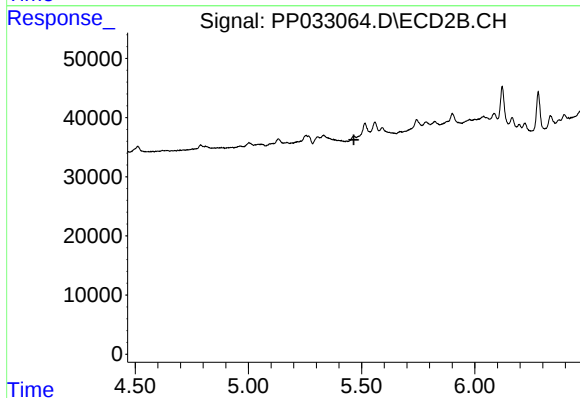
R.T.: 5.743 min  
Delta R.T.: -0.003 min  
Response: 16534  
Conc: 16.07 ng/ml



#13 AR-1232-3

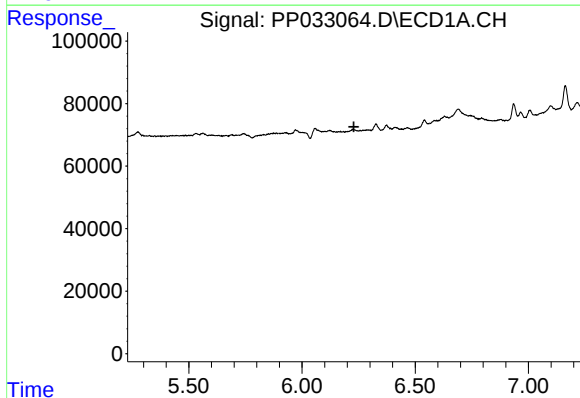
R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 8010  
Conc: 7.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



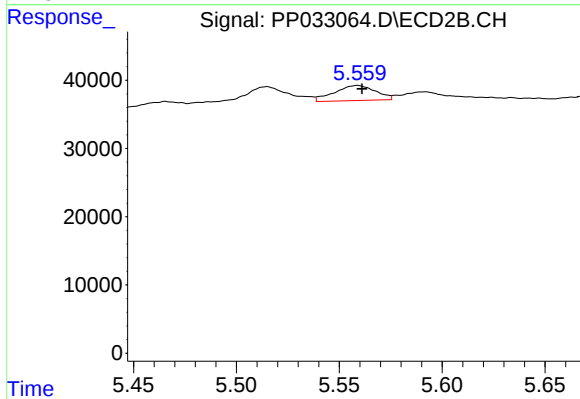
#13 AR-1232-3

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



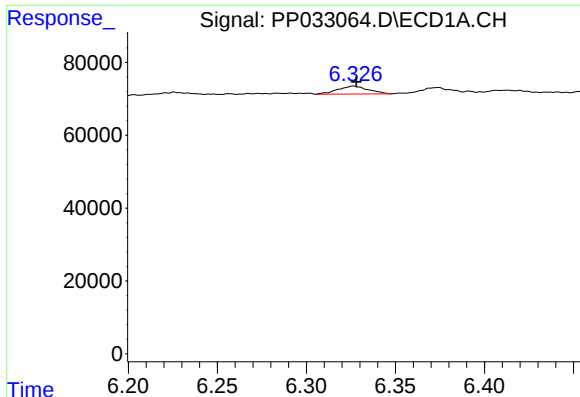
#14 AR-1232-4

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



#14 AR-1232-4

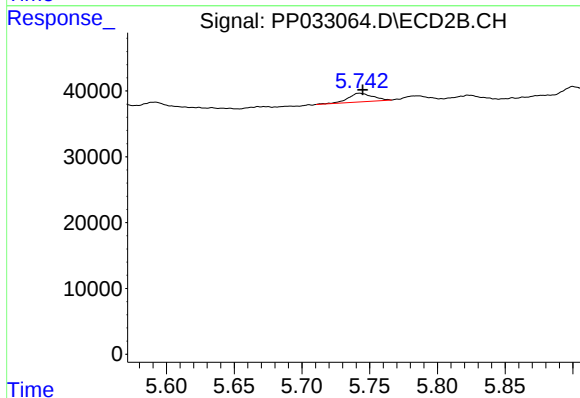
R.T.: 5.559 min  
Delta R.T.: -0.002 min  
Response: 30839  
Conc: 84.61 ng/ml



#15 AR-1232-5

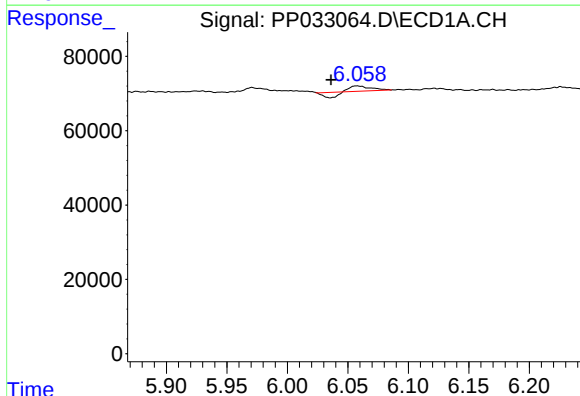
R.T.: 6.327 min  
Delta R.T.: -0.002 min  
Response: 25923  
Conc: 79.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



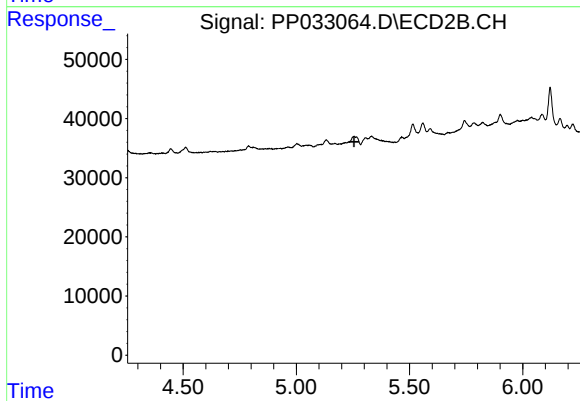
#15 AR-1232-5

R.T.: 5.743 min  
Delta R.T.: -0.002 min  
Response: 16534  
Conc: 40.93 ng/ml



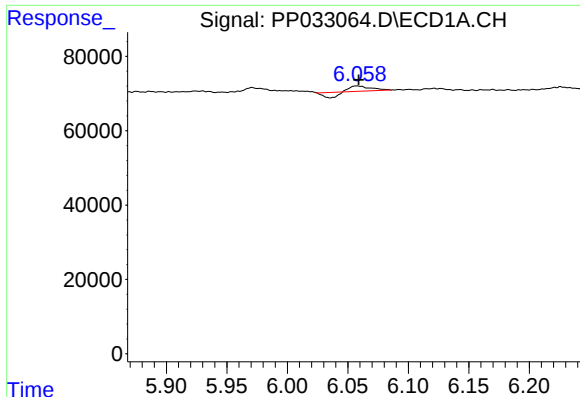
#16 AR-1242-1

R.T.: 6.057 min  
Delta R.T.: 0.021 min  
Response: 8010  
Conc: 6.45 ng/ml



#16 AR-1242-1

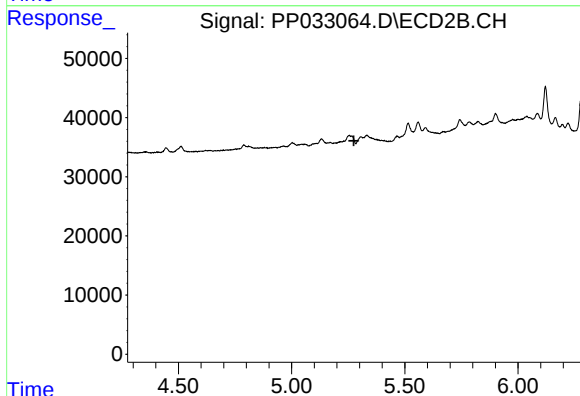
R.T.: 0.000 min  
Exp R.T.: 5.255 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

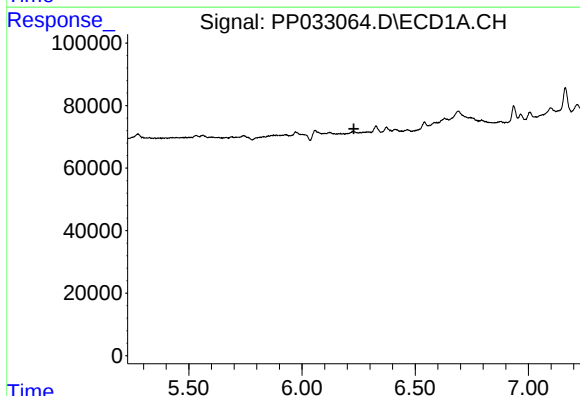
R.T.: 6.057 min  
Delta R.T.: -0.002 min  
Response: 8010  
Conc: 4.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



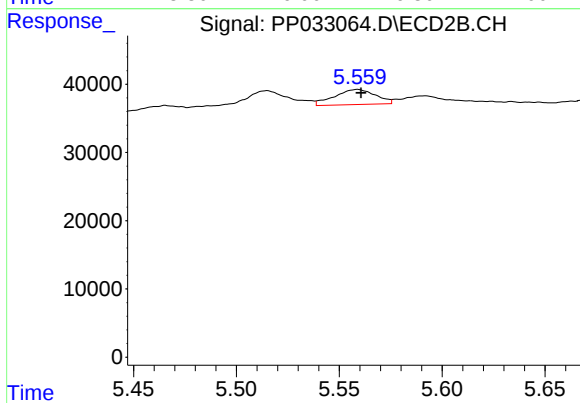
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.275 min  
Response: 0  
Conc: N.D.



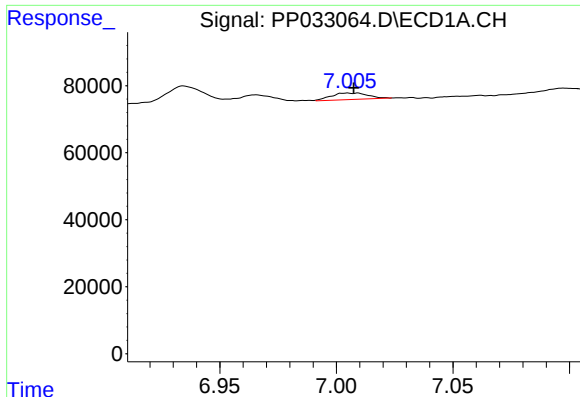
#19 AR-1242-4

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



#19 AR-1242-4

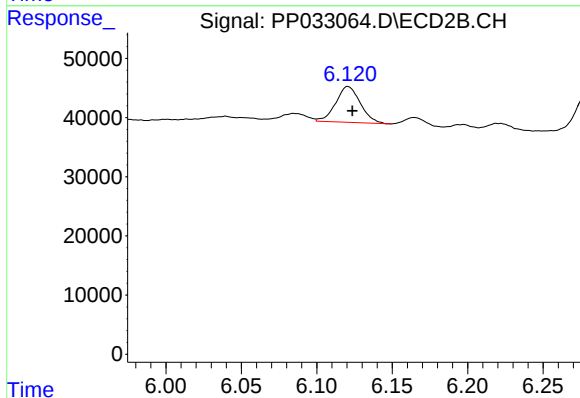
R.T.: 5.559 min  
Delta R.T.: -0.002 min  
Response: 30839  
Conc: 39.99 ng/ml



#20 AR-1242-5

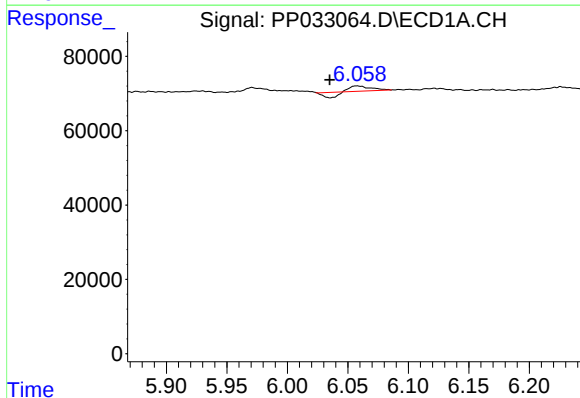
R.T.: 7.005 min  
Delta R.T.: -0.003 min  
Response: 21156  
Conc: 23.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



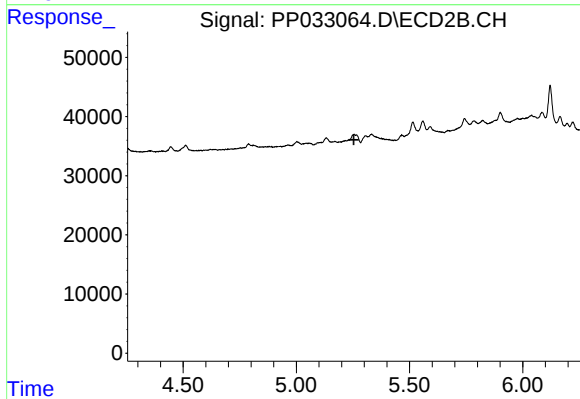
#20 AR-1242-5

R.T.: 6.121 min  
Delta R.T.: -0.003 min  
Response: 68861  
Conc: 75.99 ng/ml



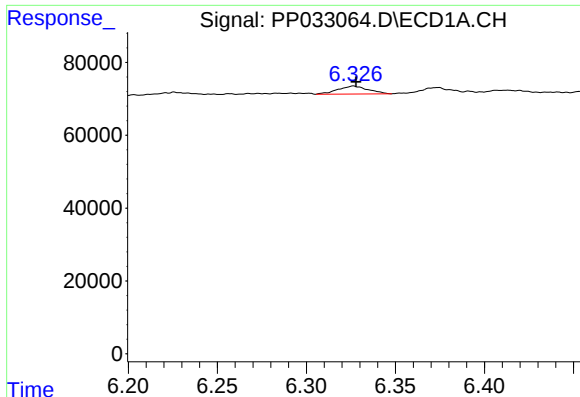
#21 AR-1248-1

R.T.: 6.057 min  
Delta R.T.: 0.022 min  
Response: 8010  
Conc: 9.00 ng/ml



#21 AR-1248-1

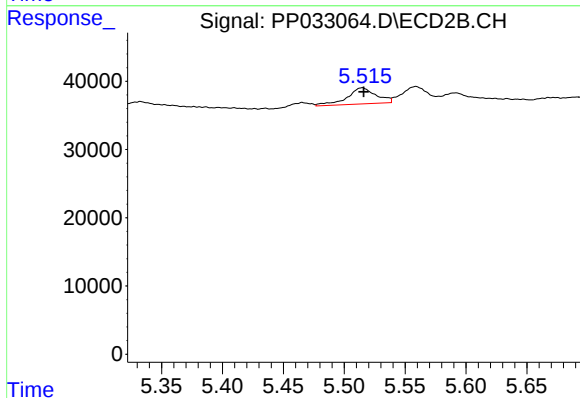
R.T.: 0.000 min  
Exp R.T.: 5.254 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

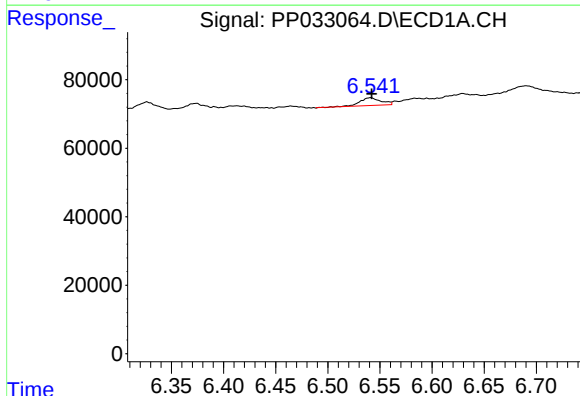
R.T.: 6.327 min  
Delta R.T.: -0.001 min  
Response: 25923  
Conc: 21.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



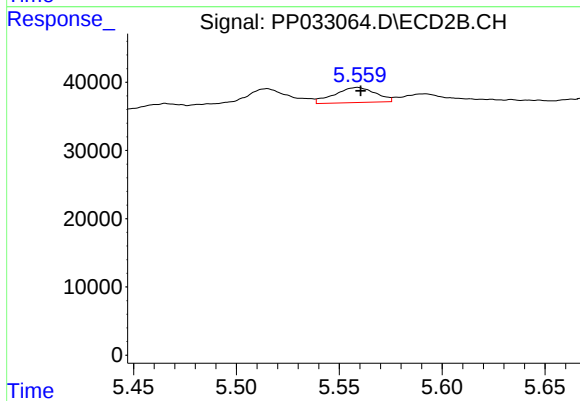
#22 AR-1248-2

R.T.: 5.515 min  
Delta R.T.: -0.001 min  
Response: 39266  
Conc: 36.92 ng/ml



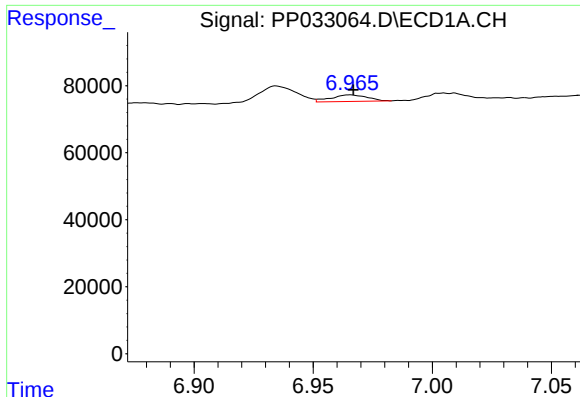
#23 AR-1248-3

R.T.: 6.541 min  
Delta R.T.: -0.001 min  
Response: 31372  
Conc: 20.85 ng/ml



#23 AR-1248-3

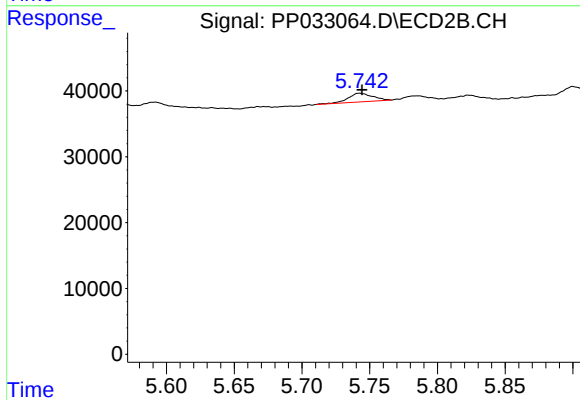
R.T.: 5.559 min  
Delta R.T.: -0.002 min  
Response: 30839  
Conc: 27.28 ng/ml



#24 AR-1248-4

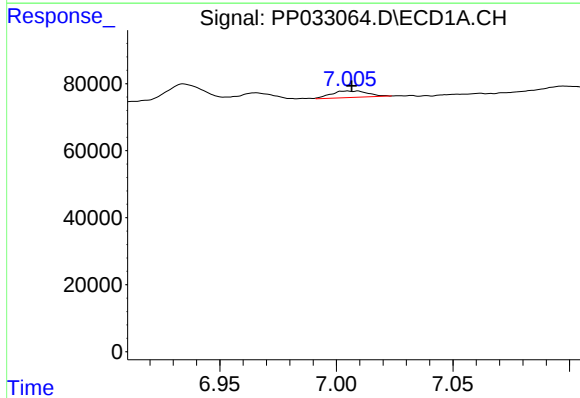
R.T.: 6.965 min  
Delta R.T.: -0.002 min  
Response: 21035  
Conc: 13.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



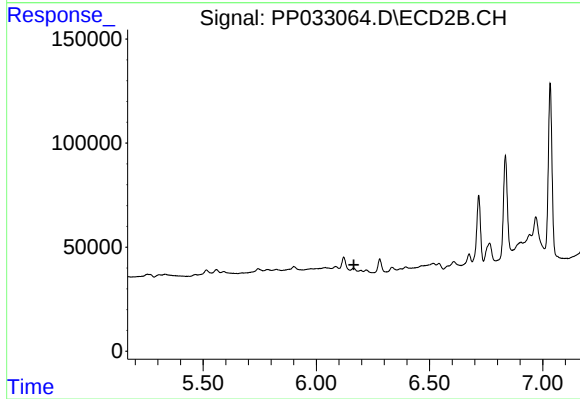
#24 AR-1248-4

R.T.: 5.743 min  
Delta R.T.: -0.002 min  
Response: 16534  
Conc: 12.21 ng/ml



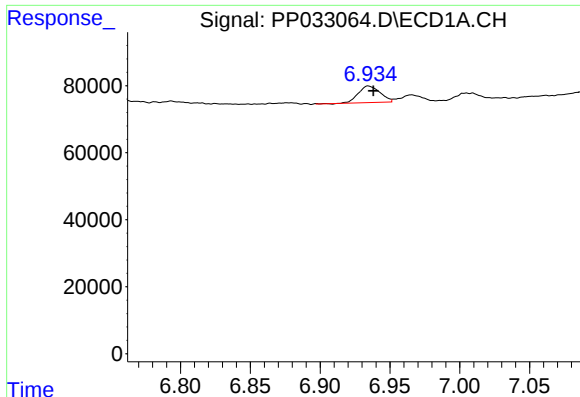
#25 AR-1248-5

R.T.: 7.005 min  
Delta R.T.: -0.002 min  
Response: 21156  
Conc: 13.67 ng/ml



#25 AR-1248-5

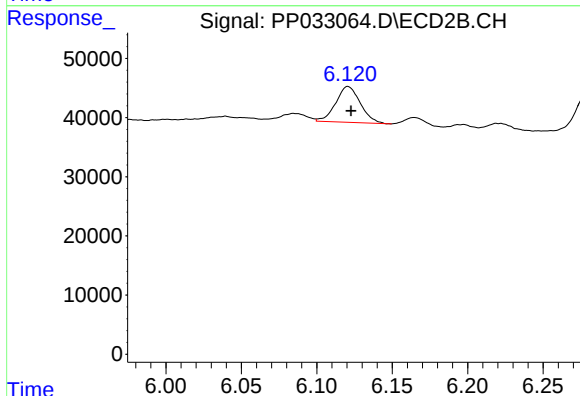
R.T.: 0.000 min  
Exp R.T. : 6.166 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

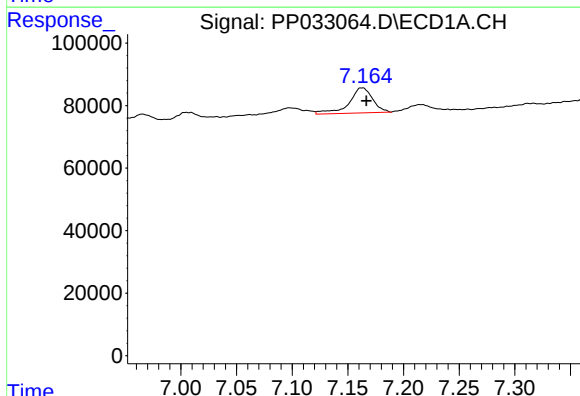
R.T.: 6.935 min  
Delta R.T.: -0.003 min  
Response: 54028  
Conc: 32.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



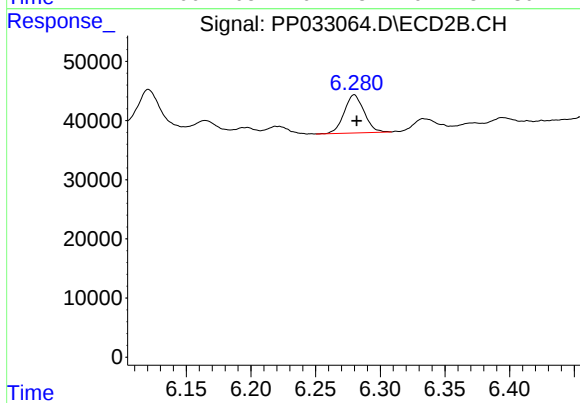
#26 AR-1254-1

R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 68861  
Conc: 34.36 ng/ml



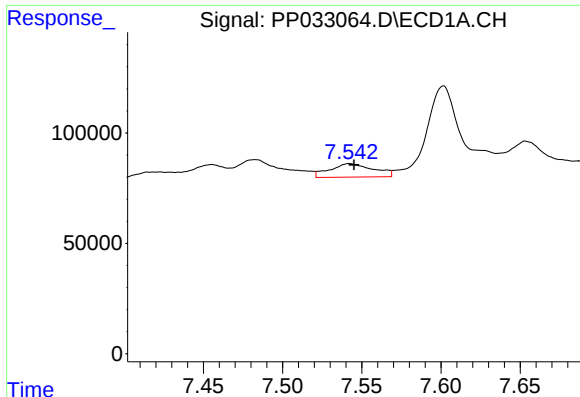
#27 AR-1254-2

R.T.: 7.163 min  
Delta R.T.: -0.004 min  
Response: 118475  
Conc: 45.88 ng/ml



#27 AR-1254-2

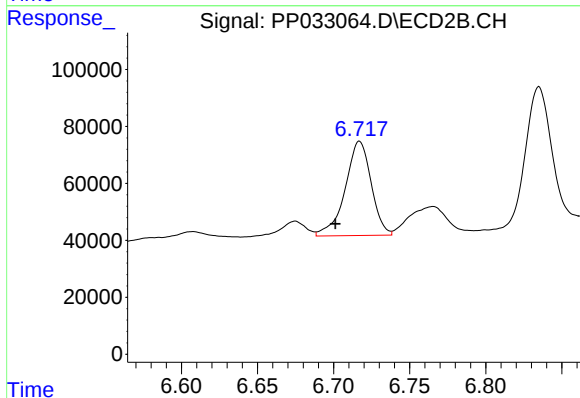
R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 69100  
Conc: 40.44 ng/ml



#28 AR-1254-3

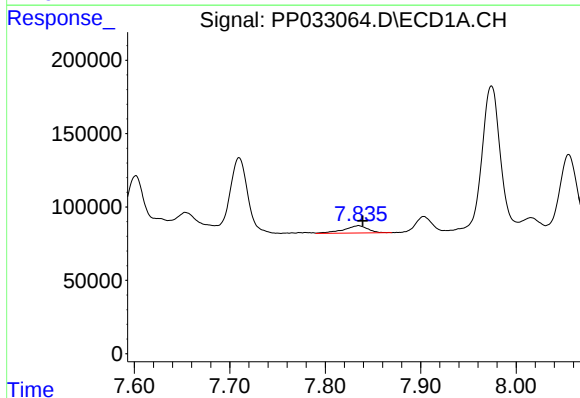
R.T.: 7.542 min  
Delta R.T.: -0.003 min  
Response: 115667  
Conc: 44.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



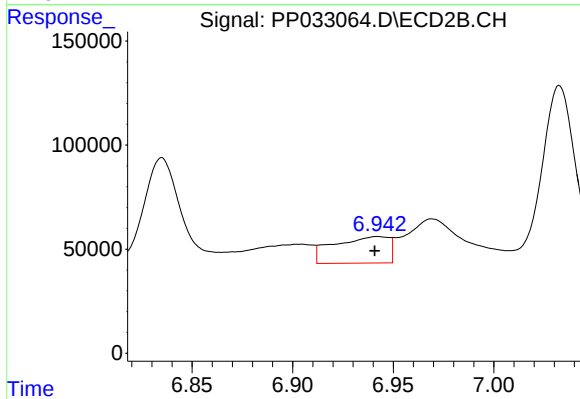
#28 AR-1254-3

R.T.: 6.717 min  
Delta R.T.: 0.016 min  
Response: 393952  
Conc: 144.90 ng/ml



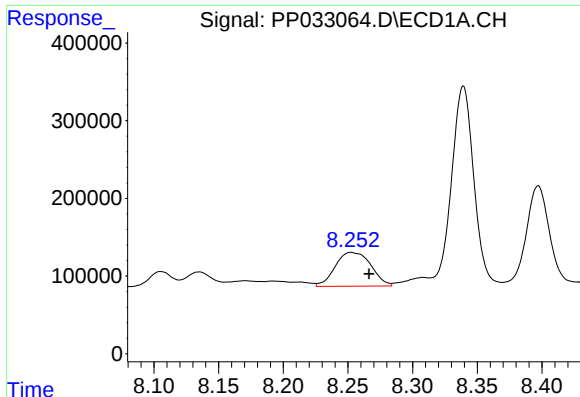
#29 AR-1254-4

R.T.: 7.835 min  
Delta R.T.: -0.004 min  
Response: 88181  
Conc: 49.98 ng/ml



#29 AR-1254-4

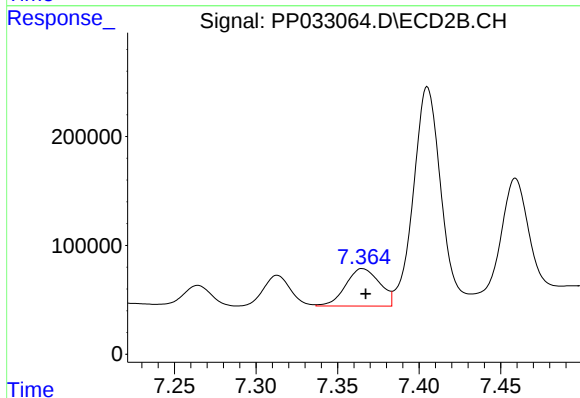
R.T.: 6.942 min  
Delta R.T.: 0.002 min  
Response: 241457  
Conc: 169.27 ng/ml



#30 AR-1254-5

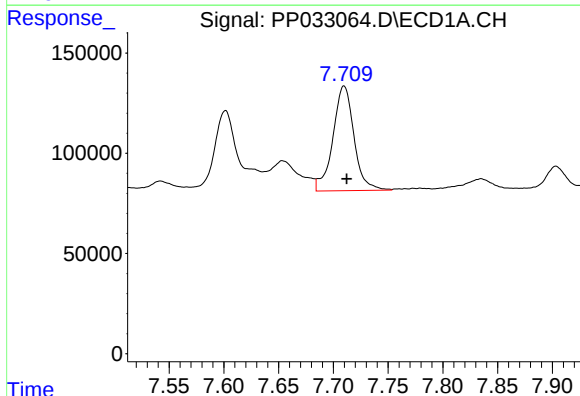
R.T.: 8.252 min  
Delta R.T.: -0.014 min  
Response: 835649  
Conc: 422.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



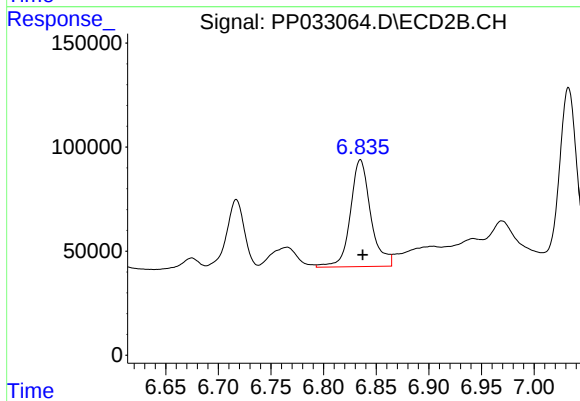
#30 AR-1254-5

R.T.: 7.365 min  
Delta R.T.: -0.002 min  
Response: 500710  
Conc: 221.69 ng/ml



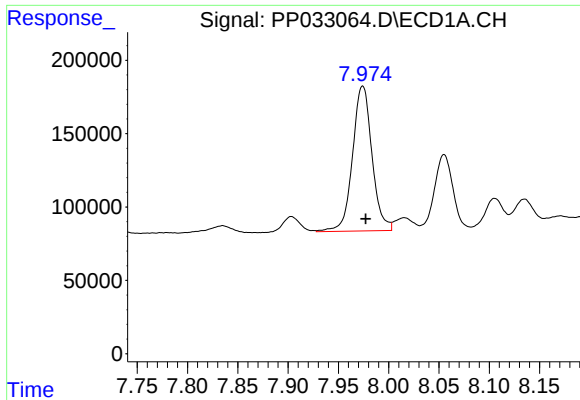
#31 AR-1260-1

R.T.: 7.710 min  
Delta R.T.: -0.002 min  
Response: 702238  
Conc: 379.93 ng/ml



#31 AR-1260-1

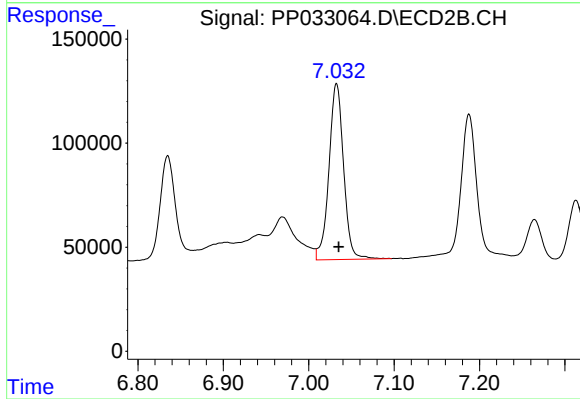
R.T.: 6.835 min  
Delta R.T.: -0.002 min  
Response: 692741  
Conc: 383.01 ng/ml



#32 AR-1260-2

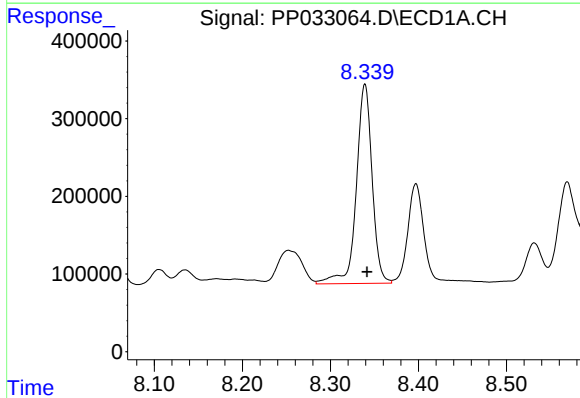
R.T.: 7.974 min  
Delta R.T.: -0.003 min  
Response: 1328235  
Conc: 542.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



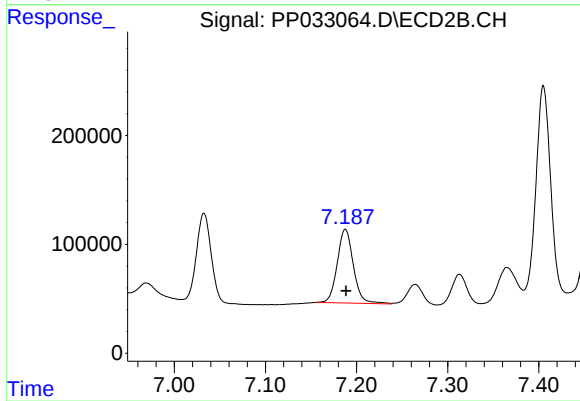
#32 AR-1260-2

R.T.: 7.033 min  
Delta R.T.: -0.002 min  
Response: 1009454  
Conc: 487.48 ng/ml



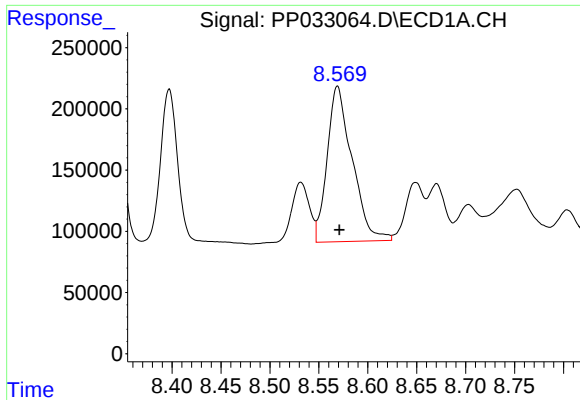
#33 AR-1260-3

R.T.: 8.339 min  
Delta R.T.: -0.002 min  
Response: 3201653  
Conc: 1499.94 ng/ml



#33 AR-1260-3

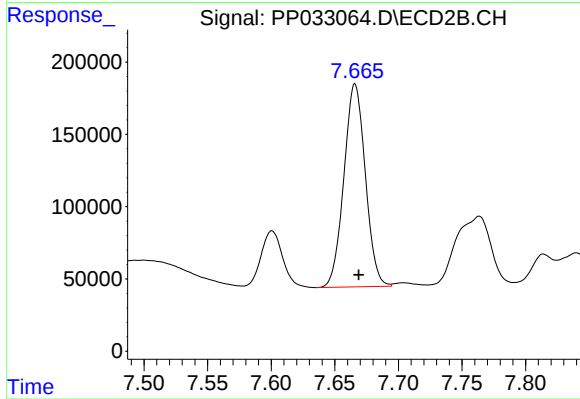
R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 832909  
Conc: 385.28 ng/ml



#34 AR-1260-4

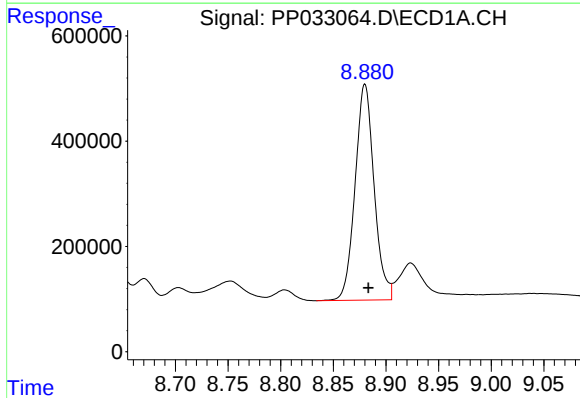
R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 2255474  
Conc: 1104.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



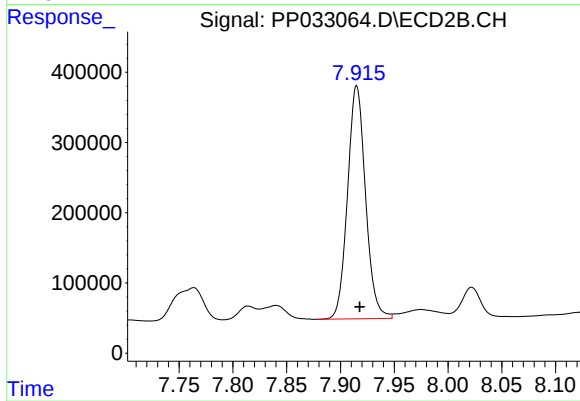
#34 AR-1260-4

R.T.: 7.666 min  
Delta R.T.: -0.003 min  
Response: 1646569  
Conc: 962.58 ng/ml



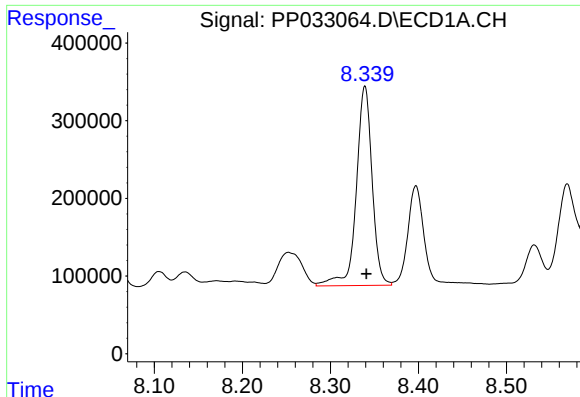
#35 AR-1260-5

R.T.: 8.880 min  
Delta R.T.: -0.003 min  
Response: 5163566  
Conc: 1162.76 ng/ml



#35 AR-1260-5

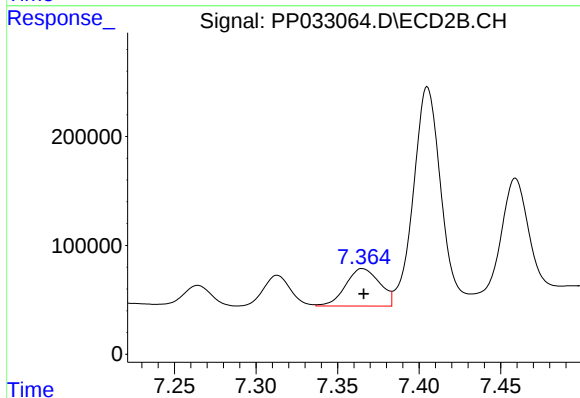
R.T.: 7.915 min  
Delta R.T.: -0.003 min  
Response: 3870961  
Conc: 1007.64 ng/ml



#36 AR-1262-1

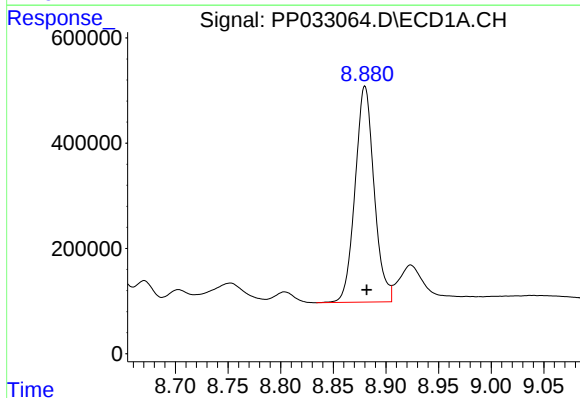
R.T.: 8.339 min  
Delta R.T.: -0.002 min  
Response: 3201653  
Conc: 1034.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



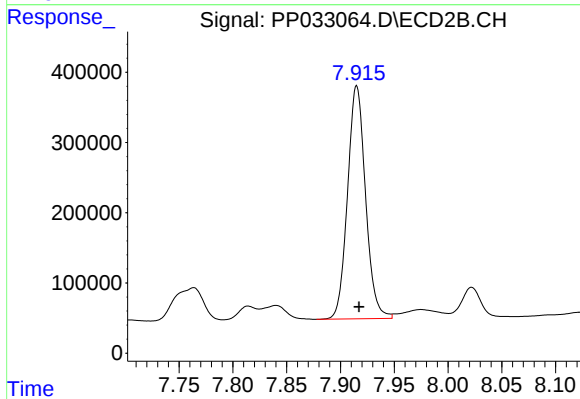
#36 AR-1262-1

R.T.: 7.365 min  
Delta R.T.: 0.000 min  
Response: 500710  
Conc: 423.83 ng/ml



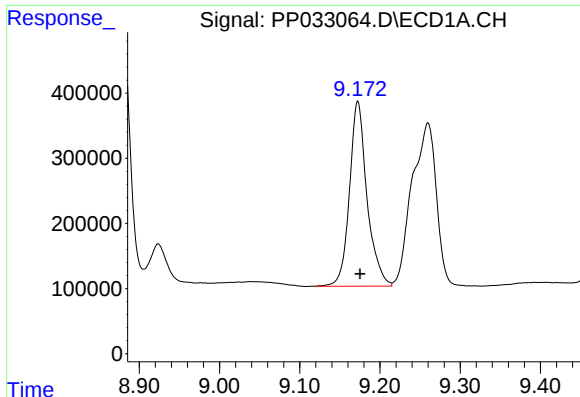
#37 AR-1262-2

R.T.: 8.880 min  
Delta R.T.: -0.002 min  
Response: 5163566  
Conc: 1083.20 ng/ml



#37 AR-1262-2

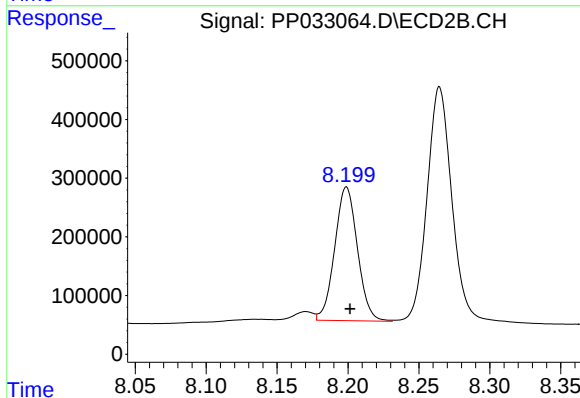
R.T.: 7.915 min  
Delta R.T.: -0.002 min  
Response: 3870961  
Conc: 991.62 ng/ml



#38 AR-1262-3

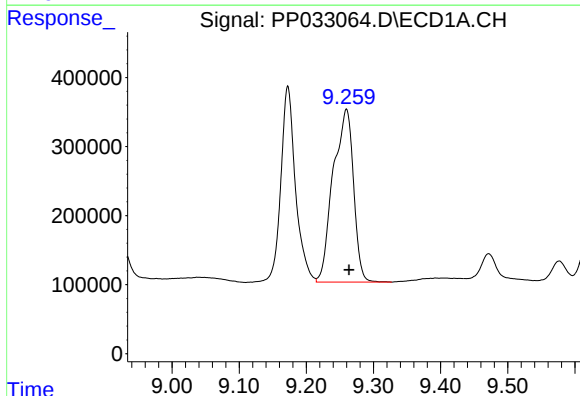
R.T.: 9.172 min  
Delta R.T.: -0.003 min  
Response: 4312313  
Conc: 1281.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



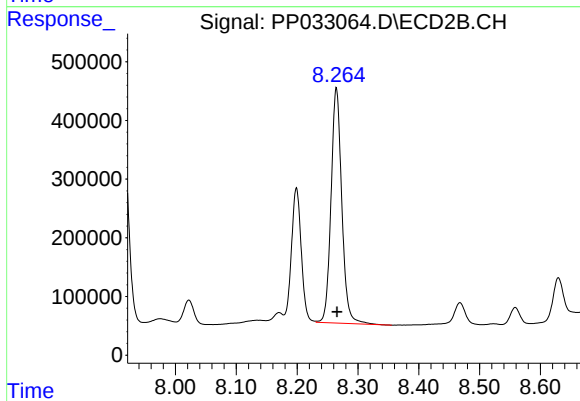
#38 AR-1262-3

R.T.: 8.199 min  
Delta R.T.: -0.002 min  
Response: 2544054  
Conc: 1474.68 ng/ml



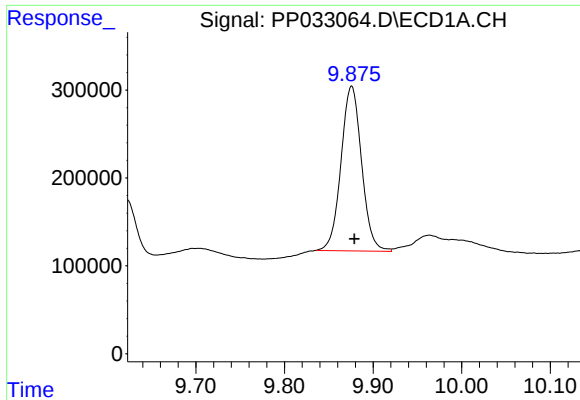
#39 AR-1262-4

R.T.: 9.260 min  
Delta R.T.: -0.004 min  
Response: 5282986  
Conc: 1901.56 ng/ml



#39 AR-1262-4

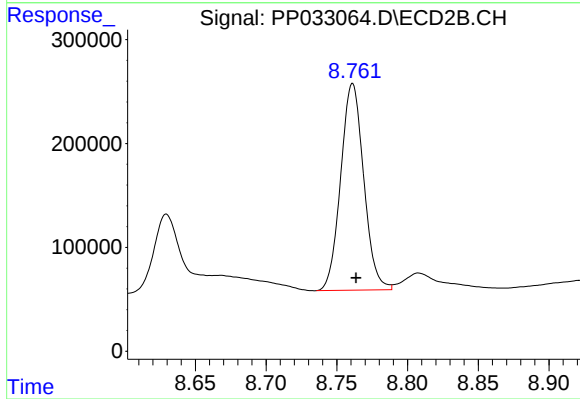
R.T.: 8.265 min  
Delta R.T.: -0.002 min  
Response: 4927757  
Conc: 1573.35 ng/ml



#40 AR-1262-5

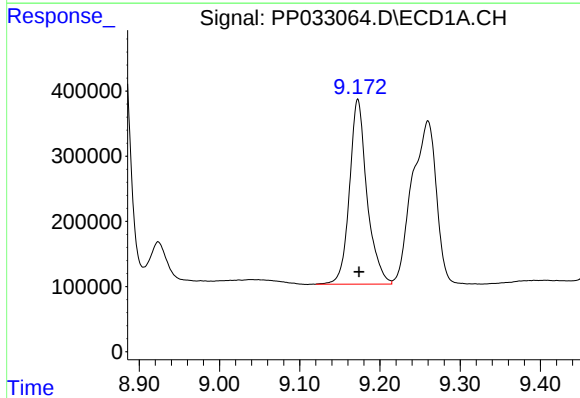
R.T.: 9.876 min  
Delta R.T.: -0.003 min  
Response: 3024630  
Conc: 1929.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



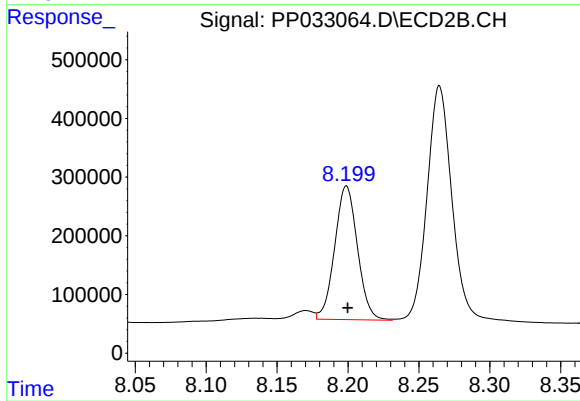
#40 AR-1262-5

R.T.: 8.761 min  
Delta R.T.: -0.002 min  
Response: 2255454  
Conc: 1750.00 ng/ml



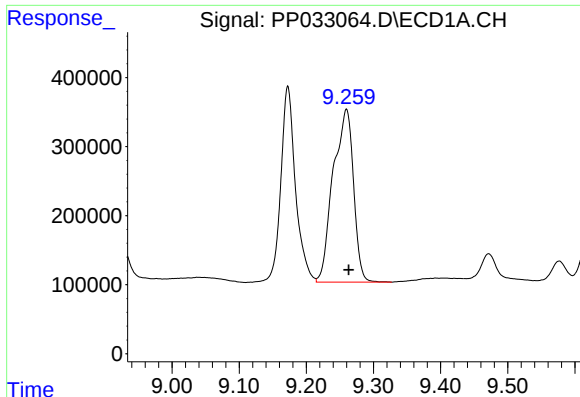
#41 AR-1268-1

R.T.: 9.172 min  
Delta R.T.: -0.001 min  
Response: 4312313  
Conc: 697.49 ng/ml



#41 AR-1268-1

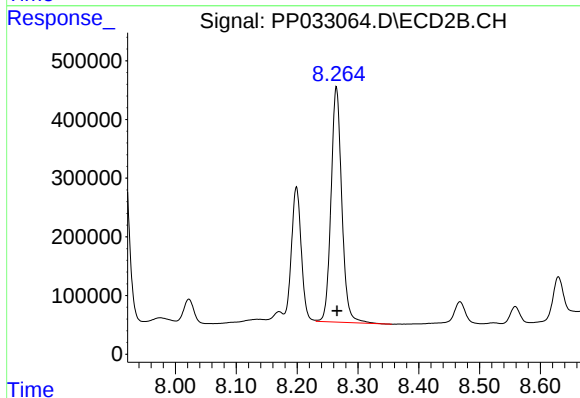
R.T.: 8.199 min  
Delta R.T.: 0.000 min  
Response: 2544054  
Conc: 536.88 ng/ml



#42 AR-1268-2

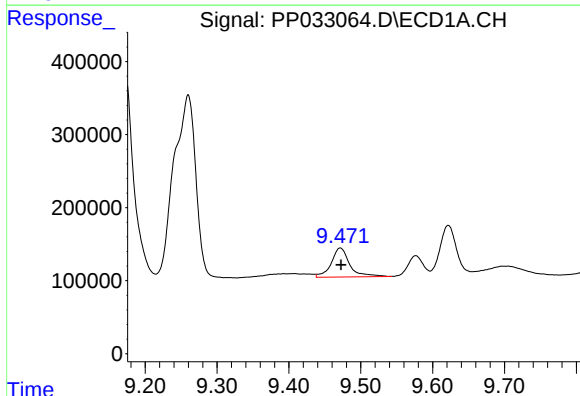
R.T.: 9.260 min  
Delta R.T.: -0.003 min  
Response: 5282986  
Conc: 944.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



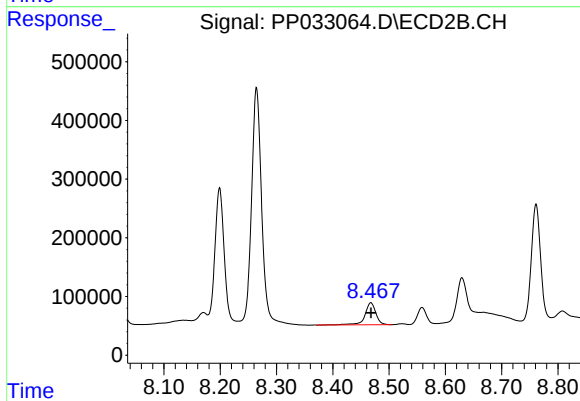
#42 AR-1268-2

R.T.: 8.265 min  
Delta R.T.: -0.001 min  
Response: 4927757  
Conc: 1098.63 ng/ml



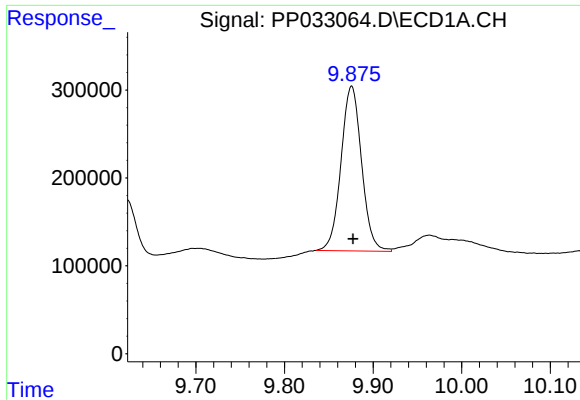
#43 AR-1268-3

R.T.: 9.472 min  
Delta R.T.: -0.001 min  
Response: 712391  
Conc: 137.62 ng/ml



#43 AR-1268-3

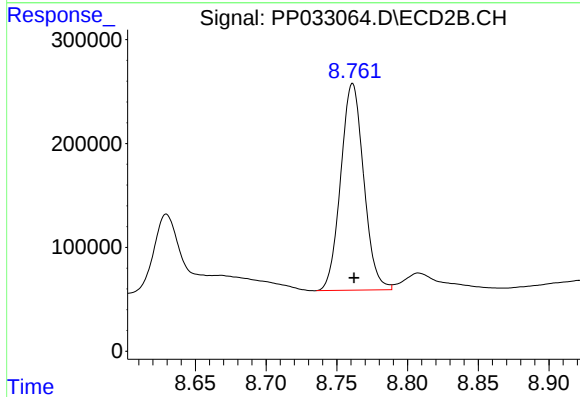
R.T.: 8.468 min  
Delta R.T.: 0.000 min  
Response: 508247  
Conc: 123.65 ng/ml



#44 AR-1268-4

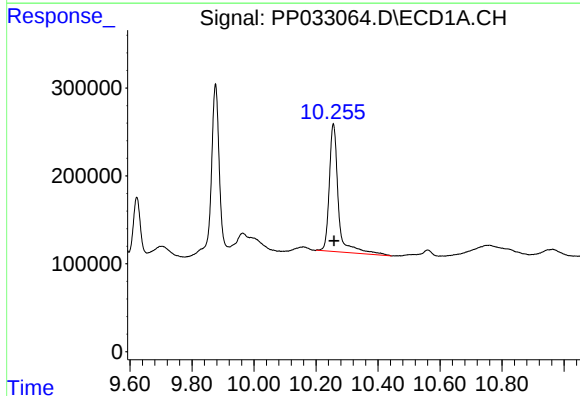
R.T.: 9.876 min  
Delta R.T.: -0.002 min  
Response: 3024630  
Conc: 1907.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



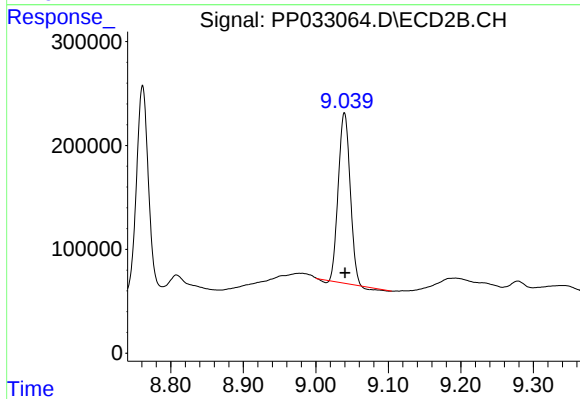
#44 AR-1268-4

R.T.: 8.761 min  
Delta R.T.: -0.001 min  
Response: 2255454  
Conc: 1645.90 ng/ml



#45 AR-1268-5

R.T.: 10.256 min  
Delta R.T.: -0.002 min  
Response: 2962110  
Conc: 228.63 ng/ml



#45 AR-1268-5

R.T.: 9.040 min  
Delta R.T.: -0.001 min  
Response: 1838917  
Conc: 163.06 ng/ml