

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP021921\  
 Data File : PP033444.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Feb 2021 18:05  
 Operator : DD\AJ  
 Sample : M1425-13  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 41061

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 20 01:42:20 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Feb 09 04:00:57 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... | 4.726  | 3.999  | 914987  | 542600 | 14.921   | 13.269     |
| 2)                          | SA Decachlor... | 10.540 | 9.254  | 373811  | 253879 | 8.581    | 7.578      |
| Target Compounds            |                 |        |        |         |        |          |            |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.232f | 0       | 495526 | N.D.     | 451.492 #  |
| 4)                          | L1 AR-1016-2    | 6.072f | 5.298f | 328273  | 69510  | 131.089  | 42.594 #   |
| 5)                          | L1 AR-1016-3    | 6.121  | 0.000  | 270313  | 0      | 170.452  | N.D. #     |
| 6)                          | L1 AR-1016-4    | 6.207f | 5.535f | 96019   | 35792  | 72.447   | 49.700 #   |
| 8)                          | L2 AR-1221-1    | 4.965  | 4.249  | 2287211 | 28248  | 3707.538 | 67.796 #   |
| 9)                          | L2 AR-1221-2    | 5.071  | 4.362  | 76274   | 557772 | 163.958  | 1765.055 # |
| 10)                         | L2 AR-1221-3    | 5.148  | 0.000  | 13862   | 0      | 9.827    | N.D. #     |
| 11)                         | L3 AR-1232-1    | 5.148  | 0.000  | 13862   | 0      | 11.954   | N.D. #     |
| 12)                         | L3 AR-1232-2    | 5.719f | 5.298f | 275267  | 69510  | 431.141  | 94.021 #   |
| 13)                         | L3 AR-1232-3    | 6.072f | 0.000  | 328273  | 0      | 299.230  | N.D. #     |
| 14)                         | L3 AR-1232-4    | 6.239f | 5.535f | 56644   | 35792  | 98.689   | 102.101    |
| 15)                         | L3 AR-1232-5    | 6.343f | 0.000  | 45255   | 0      | 123.844  | N.D. #     |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.232f | 0       | 495526 | N.D.     | 572.512 #  |
| 17)                         | L4 AR-1242-2    | 6.072f | 5.298f | 328273  | 69510  | 166.610  | 54.163 #   |
| 18)                         | L4 AR-1242-3    | 6.121  | 0.000  | 270313  | 0      | 213.277  | N.D. #     |
| 19)                         | L4 AR-1242-4    | 6.207f | 5.535f | 96019   | 35792  | 87.477   | 51.387 #   |
| 20)                         | L4 AR-1242-5    | 6.987  | 6.144f | 867885  | 127520 | 835.348  | 151.023 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.232f | 0       | 495526 | N.D.     | 761.952 #  |
| 22)                         | L5 AR-1248-2    | 6.343f | 5.535f | 45255   | 35792  | 34.153   | 37.308     |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.535f | 0       | 35792  | N.D.     | 35.202 #   |
| 24)                         | L5 AR-1248-4    | 6.987f | 0.000  | 867885  | 0      | 504.396  | N.D. #     |
| 25)                         | L5 AR-1248-5    | 6.987  | 6.144f | 867885  | 127520 | 498.784  | 112.916 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.144f | 0       | 127520 | N.D.     | 66.724 #   |
| 27)                         | L6 AR-1254-2    | 7.142f | 0.000  | 149992  | 0      | 51.161   | N.D. #     |
| 29)                         | L6 AR-1254-4    | 7.838  | 6.961f | 89918   | 17655  | 38.870   | 11.825 #   |
| 30)                         | L6 AR-1254-5    | 8.247  | 7.364  | 81601   | 57365  | 33.722   | 23.691 #   |
| 32)                         | L7 AR-1260-2    | 7.995f | 7.023  | 173688  | 58096  | 59.428   | 28.752 #   |
| 33)                         | L7 AR-1260-3    | 8.332  | 7.162f | 15673   | 104636 | 6.124    | 52.745 #   |
| 34)                         | L7 AR-1260-4    | 8.560  | 0.000  | 31238   | 0      | 12.786   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 8.878  | 7.898  | 39793   | 37773  | 7.392    | 9.817 #    |
| 36)                         | L8 AR-1262-1    | 8.332  | 7.364  | 15673   | 57365  | 4.122    | 46.060 #   |
| 37)                         | L8 AR-1262-2    | 8.878  | 7.898  | 39793   | 37773  | 6.356    | 8.589 #    |
| 39)                         | L8 AR-1262-4    | 9.269f | 8.253  | 200663  | 15170  | 64.363   | 4.446 #    |
| 42)                         | L9 AR-1268-2    | 9.269  | 8.253  | 200663  | 15170  | 31.083   | 3.084 #    |
| 43)                         | L9 AR-1268-3    | 9.434f | 0.000  | 108485  | 0      | 17.676   | N.D. #     |
| -----                       |                 |        |        |         |        |          |            |

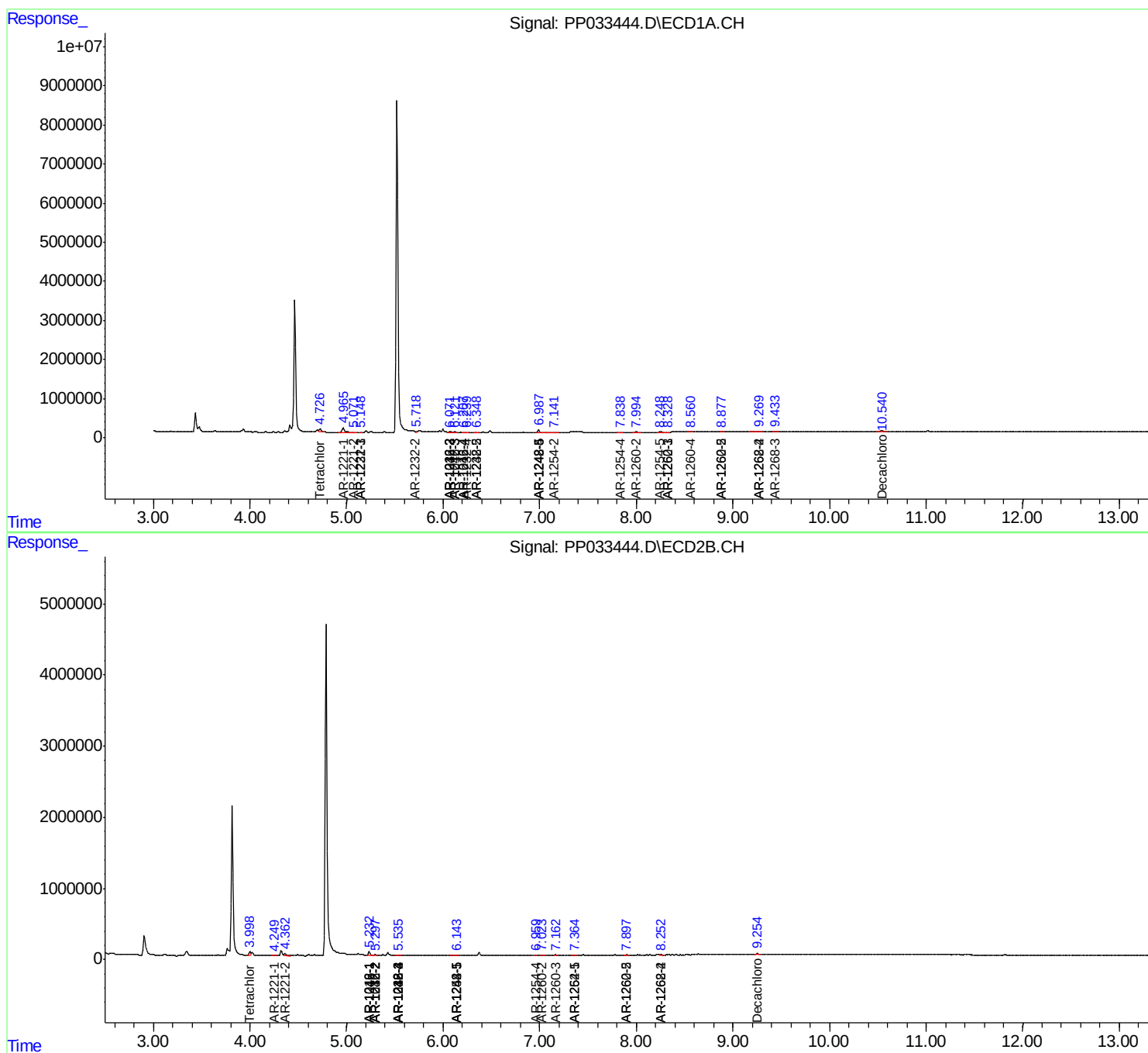
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

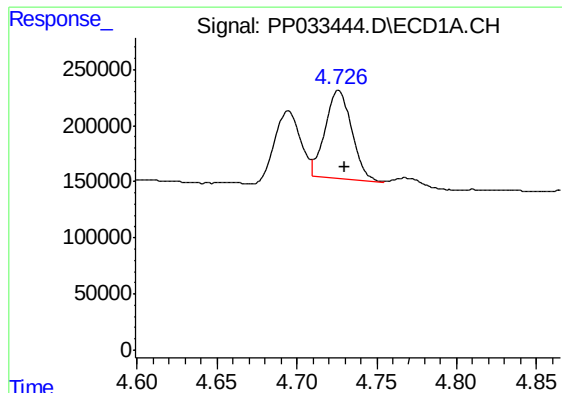
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP021921\  
Data File : PP033444.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Feb 2021 18:05  
Operator : DD\AJ  
Sample : M1425-13  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
41061

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 20 01:42:20 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Feb 09 04:00:57 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

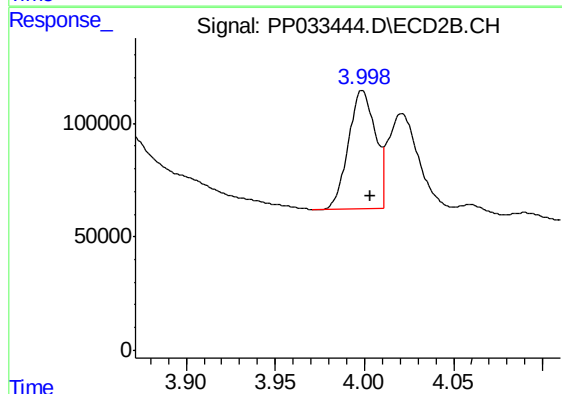




#1 Tetrachloro-m-xylene

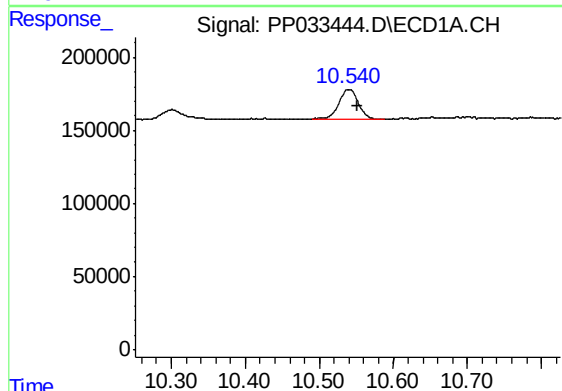
R.T.: 4.726 min  
Delta R.T.: -0.004 min  
Response: 914987  
Conc: 14.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



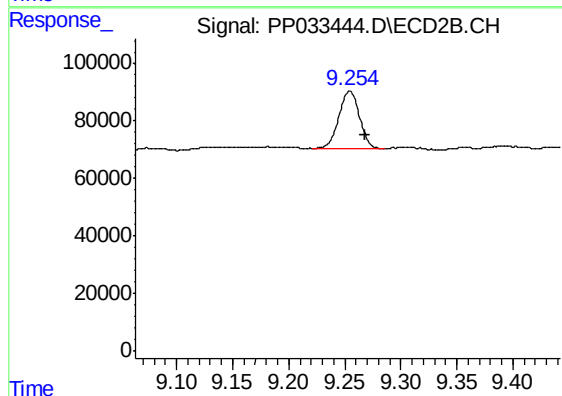
#1 Tetrachloro-m-xylene

R.T.: 3.999 min  
Delta R.T.: -0.004 min  
Response: 542600  
Conc: 13.27 ng/ml



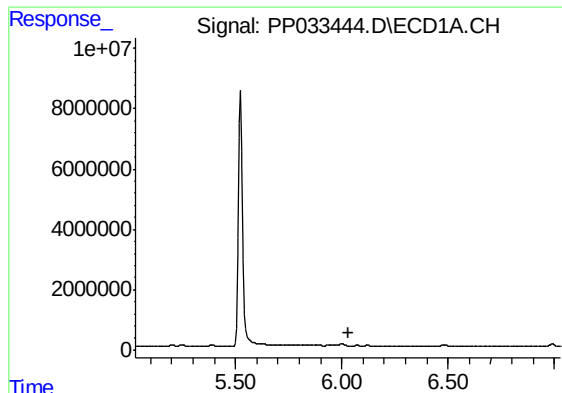
#2 Decachlorobiphenyl

R.T.: 10.540 min  
Delta R.T.: -0.011 min  
Response: 373811  
Conc: 8.58 ng/ml



#2 Decachlorobiphenyl

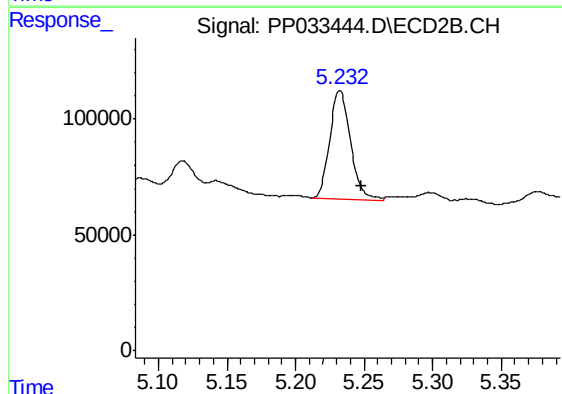
R.T.: 9.254 min  
Delta R.T.: -0.014 min  
Response: 253879  
Conc: 7.58 ng/ml



#3 AR-1016-1

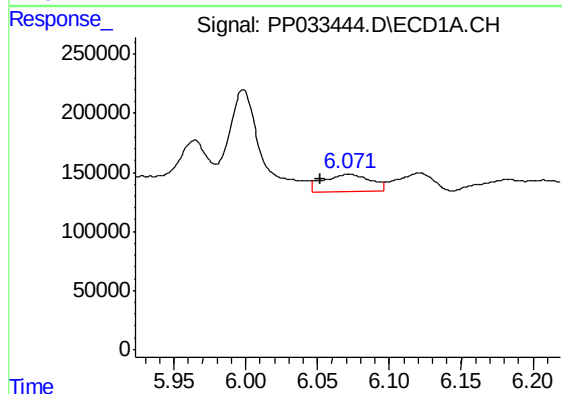
R.T.: 0.000 min  
Exp R.T.: 6.029 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
41061



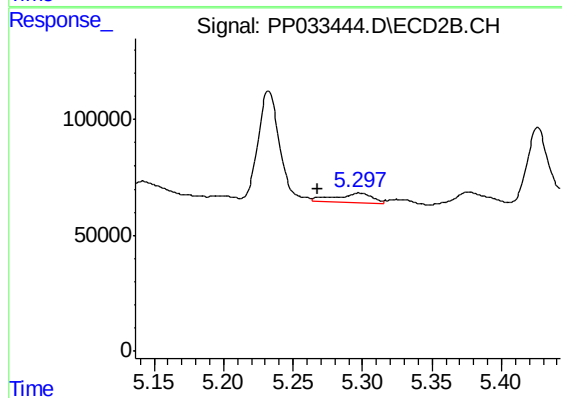
#3 AR-1016-1

R.T.: 5.232 min  
Delta R.T.: -0.016 min  
Response: 495526  
Conc: 451.49 ng/ml



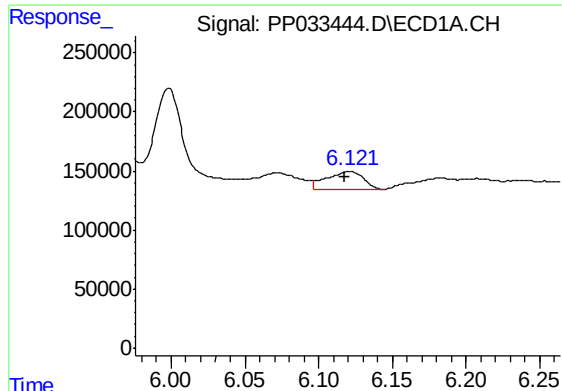
#4 AR-1016-2

R.T.: 6.072 min  
Delta R.T.: 0.019 min  
Response: 328273  
Conc: 131.09 ng/ml



#4 AR-1016-2

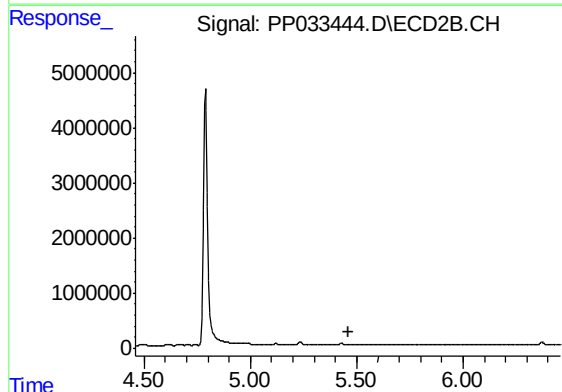
R.T.: 5.298 min  
Delta R.T.: 0.030 min  
Response: 69510  
Conc: 42.59 ng/ml



#5 AR-1016-3

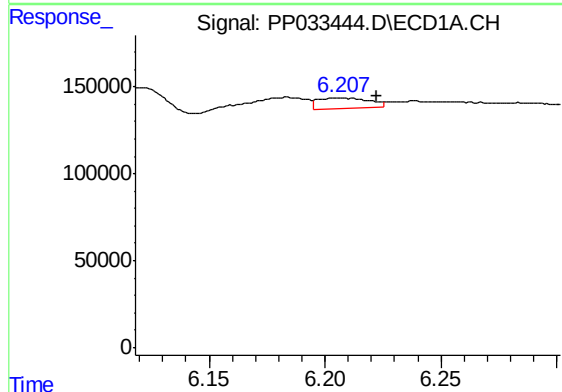
R.T.: 6.121 min  
Delta R.T.: 0.003 min  
Response: 270313  
Conc: 170.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



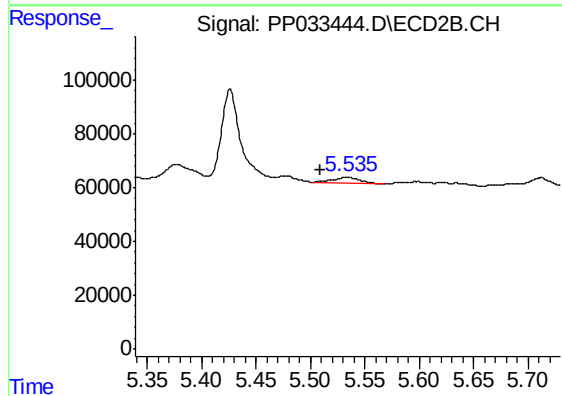
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.459 min  
Response: 0  
Conc: N.D.



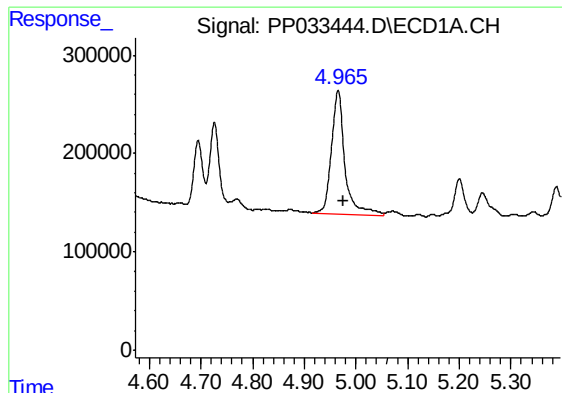
#6 AR-1016-4

R.T.: 6.207 min  
Delta R.T.: -0.015 min  
Response: 96019  
Conc: 72.45 ng/ml



#6 AR-1016-4

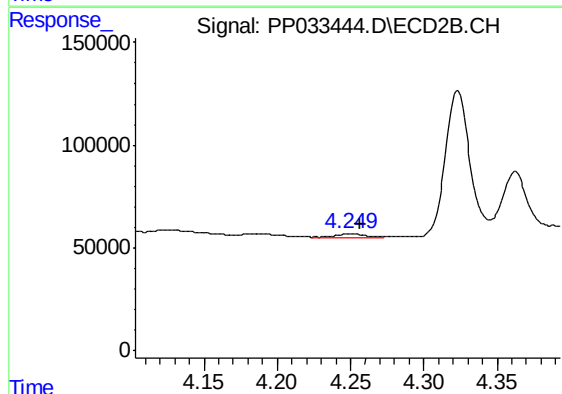
R.T.: 5.535 min  
Delta R.T.: 0.026 min  
Response: 35792  
Conc: 49.70 ng/ml



#8 AR-1221-1

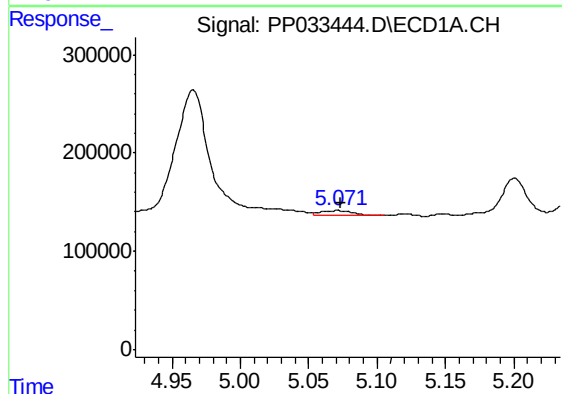
R.T.: 4.965 min  
Delta R.T.: -0.010 min  
Response: 2287211  
Conc: 3707.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



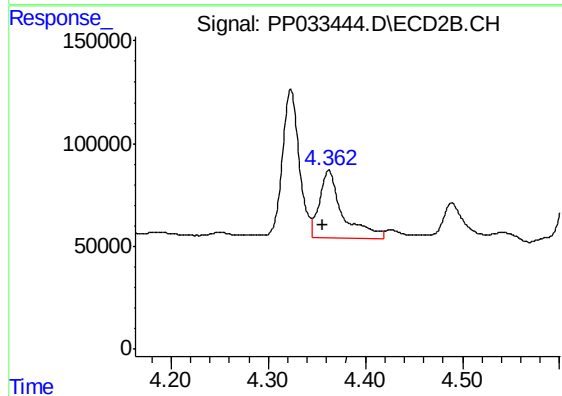
#8 AR-1221-1

R.T.: 4.249 min  
Delta R.T.: -0.008 min  
Response: 28248  
Conc: 67.80 ng/ml



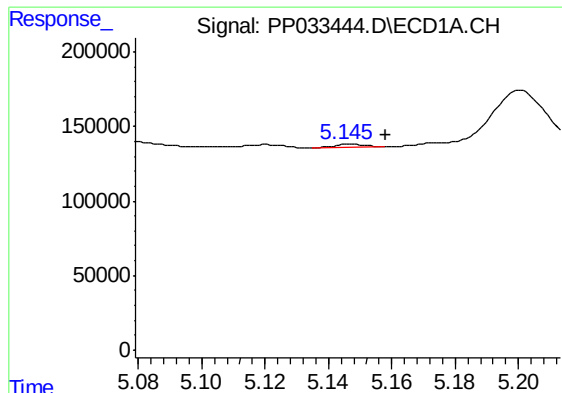
#9 AR-1221-2

R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 76274  
Conc: 163.96 ng/ml



#9 AR-1221-2

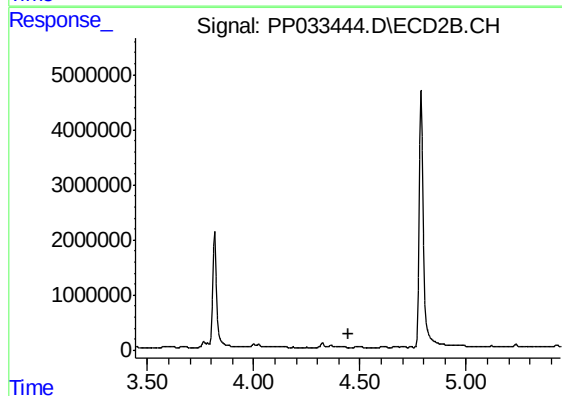
R.T.: 4.362 min  
Delta R.T.: 0.006 min  
Response: 557772  
Conc: 1765.06 ng/ml



#10 AR-1221-3

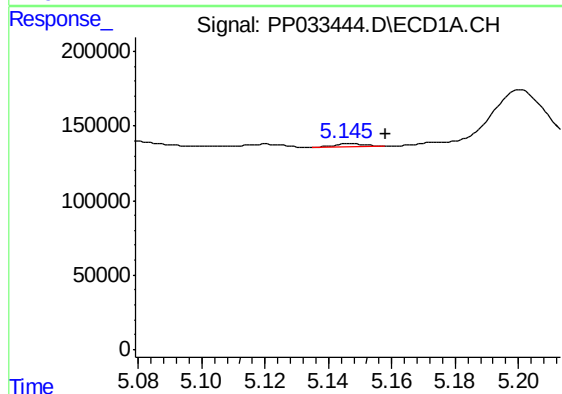
R.T.: 5.148 min  
Delta R.T.: -0.010 min  
Response: 13862  
Conc: 9.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



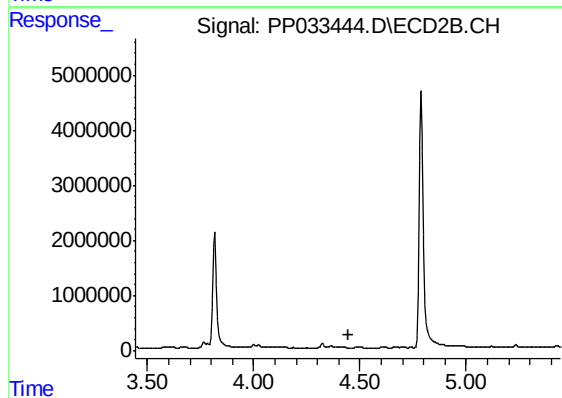
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.444 min  
Response: 0  
Conc: N.D.



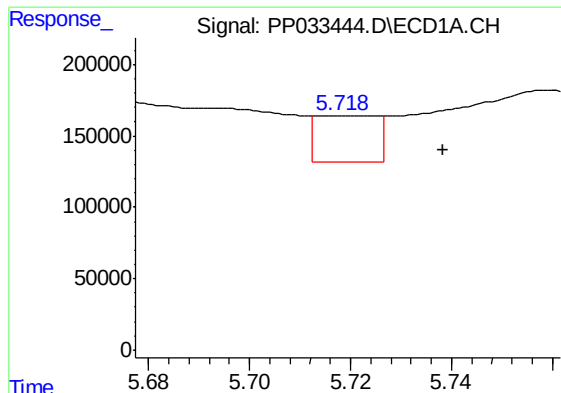
#11 AR-1232-1

R.T.: 5.148 min  
Delta R.T.: -0.011 min  
Response: 13862  
Conc: 11.95 ng/ml



#11 AR-1232-1

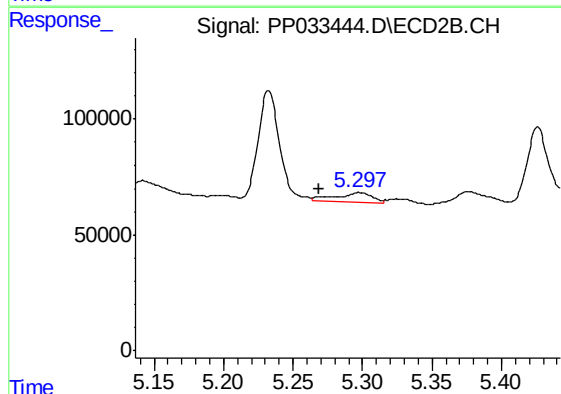
R.T.: 0.000 min  
Exp R.T. : 4.444 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

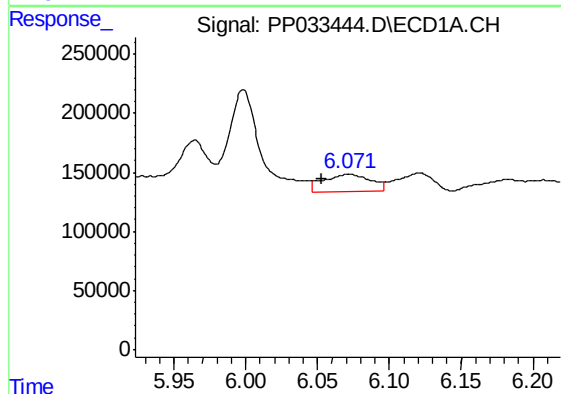
R.T.: 5.719 min  
Delta R.T.: -0.019 min  
Response: 275267  
Conc: 431.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



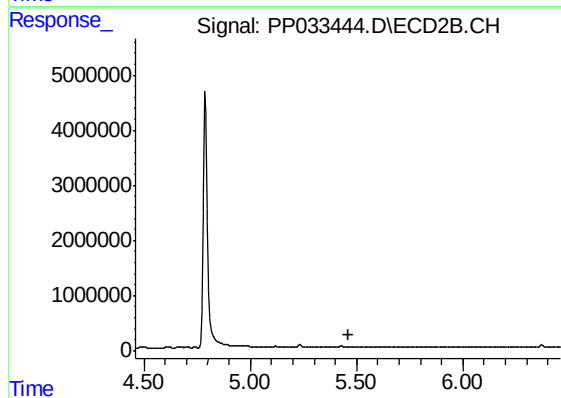
#12 AR-1232-2

R.T.: 5.298 min  
Delta R.T.: 0.029 min  
Response: 69510  
Conc: 94.02 ng/ml



#13 AR-1232-3

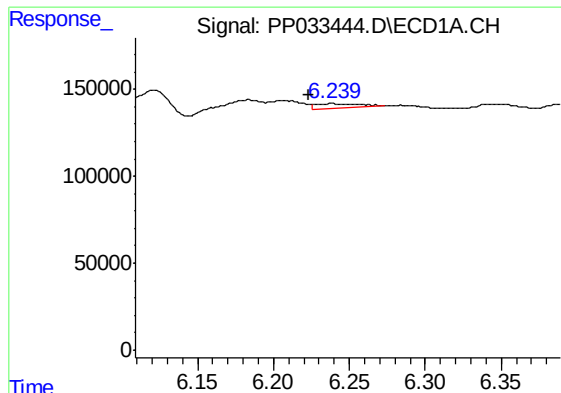
R.T.: 6.072 min  
Delta R.T.: 0.019 min  
Response: 328273  
Conc: 299.23 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.460 min  
Response: 0  
Conc: N.D.

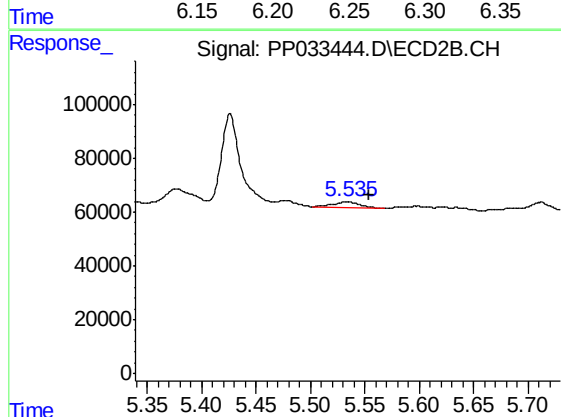




#14 AR-1232-4

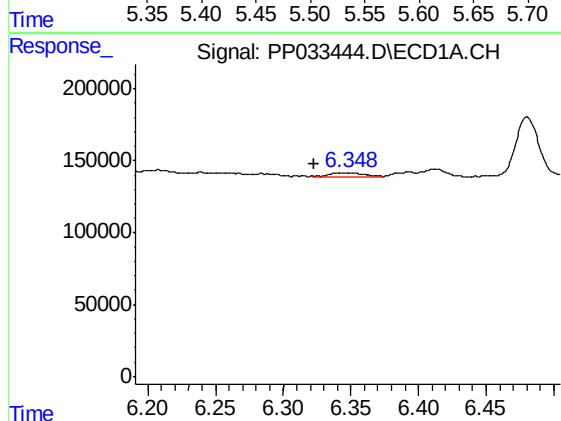
R.T.: 6.239 min  
Delta R.T.: 0.015 min  
Response: 56644  
Conc: 98.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



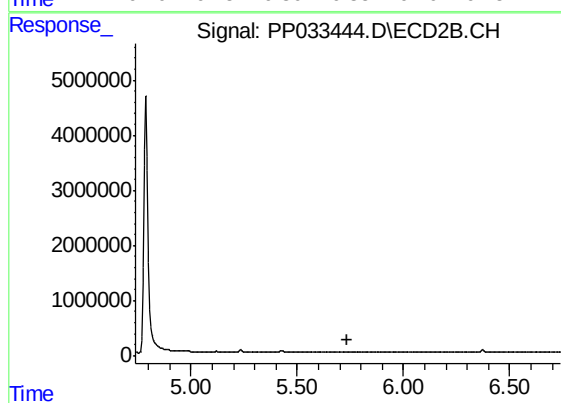
#14 AR-1232-4

R.T.: 5.535 min  
Delta R.T.: -0.019 min  
Response: 35792  
Conc: 102.10 ng/ml



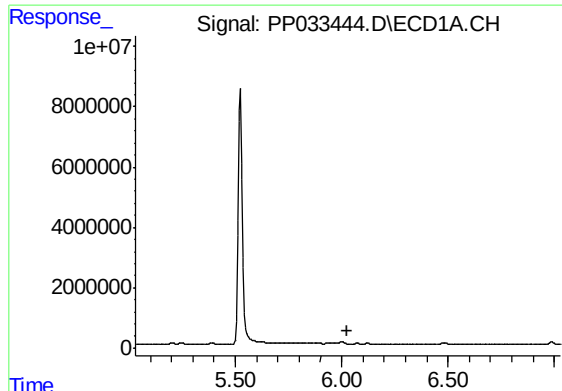
#15 AR-1232-5

R.T.: 6.343 min  
Delta R.T.: 0.020 min  
Response: 45255  
Conc: 123.84 ng/ml



#15 AR-1232-5

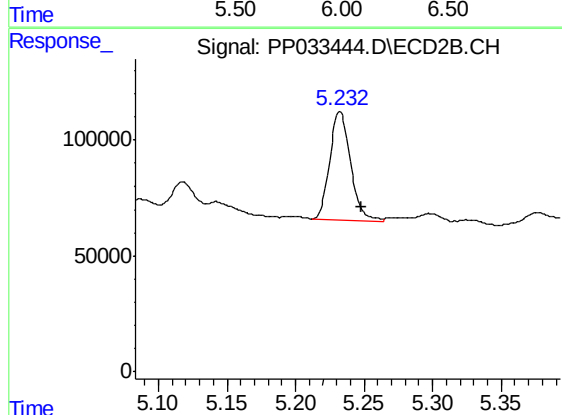
R.T.: 0.000 min  
Exp R.T. : 5.738 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

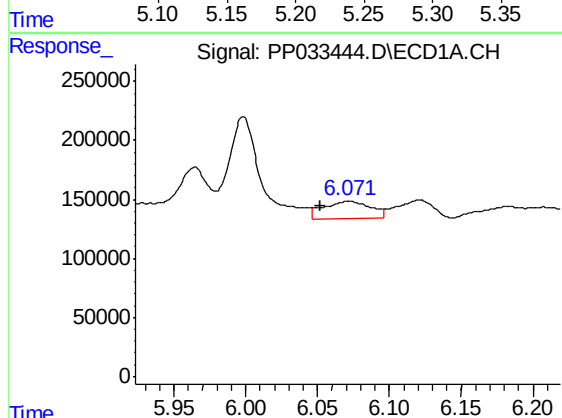
R.T.: 0.000 min  
Exp R.T.: 6.029 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
41061



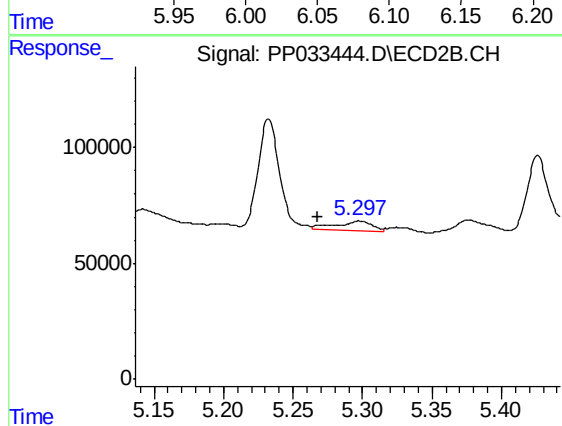
#16 AR-1242-1

R.T.: 5.232 min  
Delta R.T.: -0.016 min  
Response: 495526  
Conc: 572.51 ng/ml



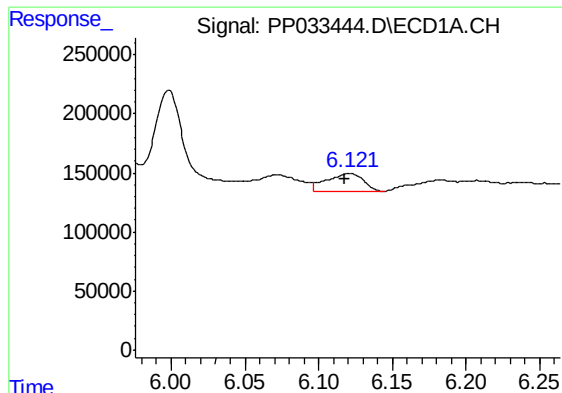
#17 AR-1242-2

R.T.: 6.072 min  
Delta R.T.: 0.020 min  
Response: 328273  
Conc: 166.61 ng/ml



#17 AR-1242-2

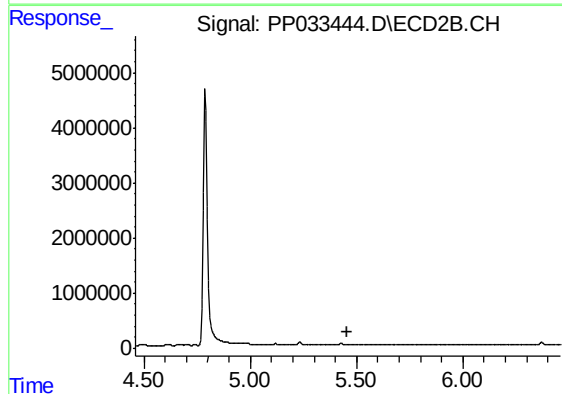
R.T.: 5.298 min  
Delta R.T.: 0.029 min  
Response: 69510  
Conc: 54.16 ng/ml



#18 AR-1242-3

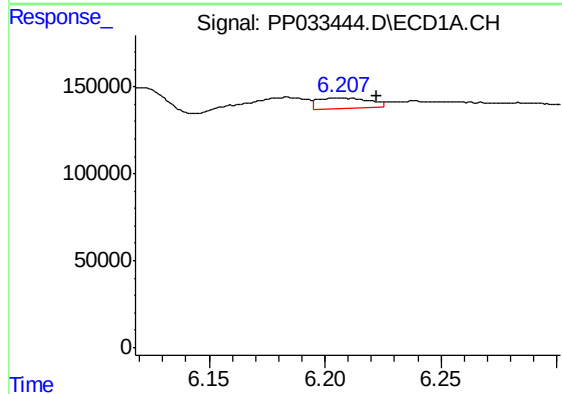
R.T.: 6.121 min  
Delta R.T.: 0.004 min  
Response: 270313  
Conc: 213.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



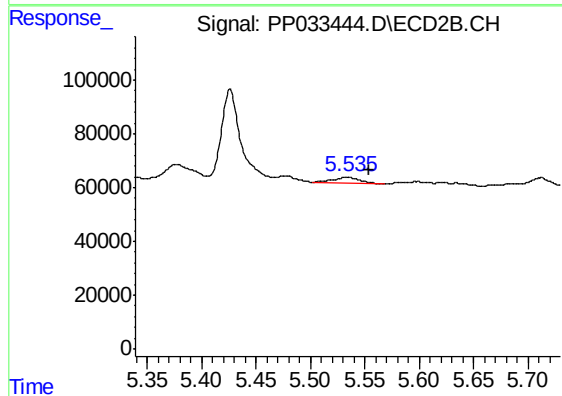
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.459 min  
Response: 0  
Conc: N.D.



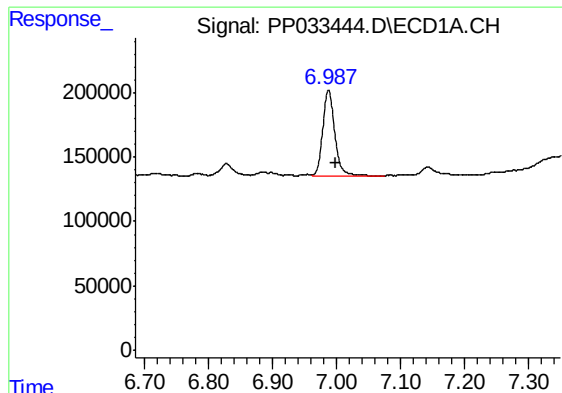
#19 AR-1242-4

R.T.: 6.207 min  
Delta R.T.: -0.015 min  
Response: 96019  
Conc: 87.48 ng/ml



#19 AR-1242-4

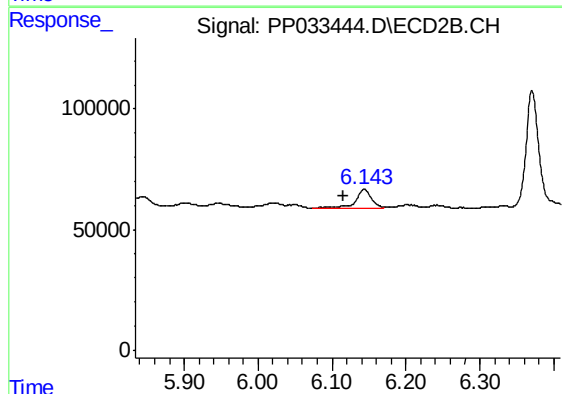
R.T.: 5.535 min  
Delta R.T.: -0.019 min  
Response: 35792  
Conc: 51.39 ng/ml



#20 AR-1242-5

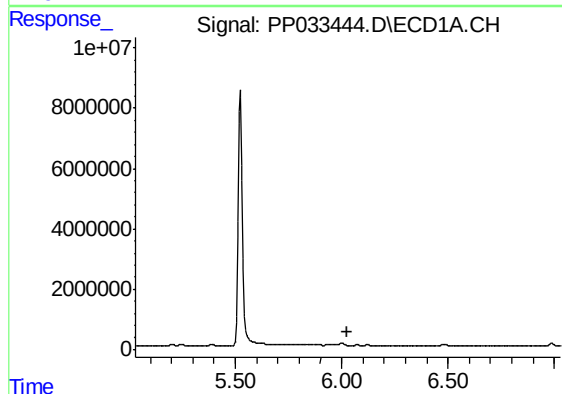
R.T.: 6.987 min  
Delta R.T.: -0.011 min  
Response: 867885  
Conc: 835.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



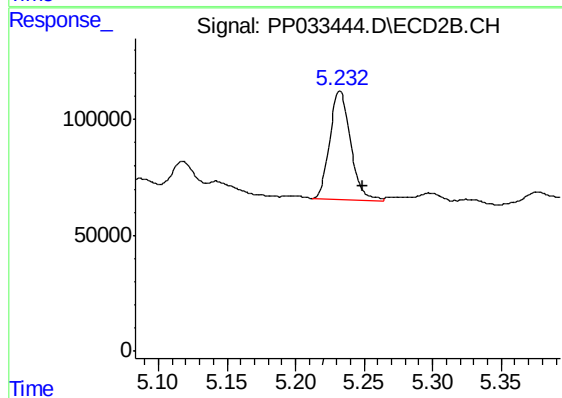
#20 AR-1242-5

R.T.: 6.144 min  
Delta R.T.: 0.027 min  
Response: 127520  
Conc: 151.02 ng/ml



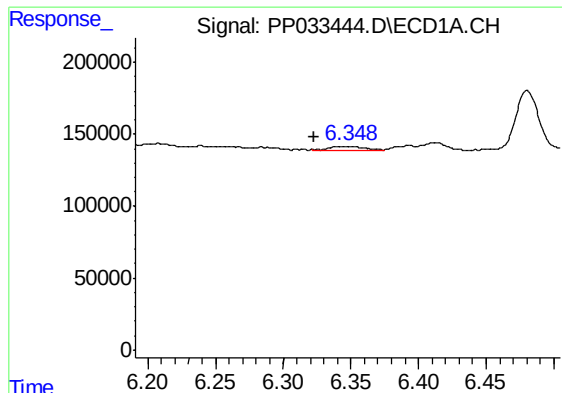
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 6.029 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

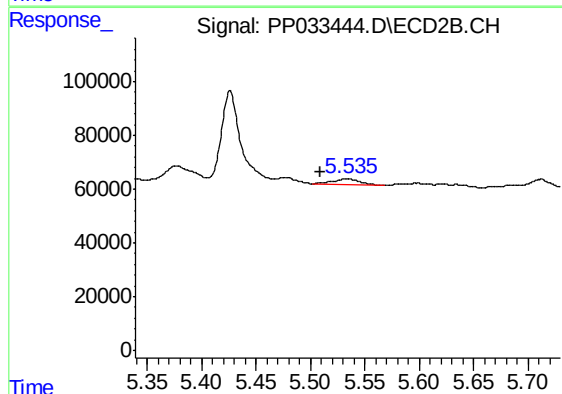
R.T.: 5.232 min  
Delta R.T.: -0.016 min  
Response: 495526  
Conc: 761.95 ng/ml



#22 AR-1248-2

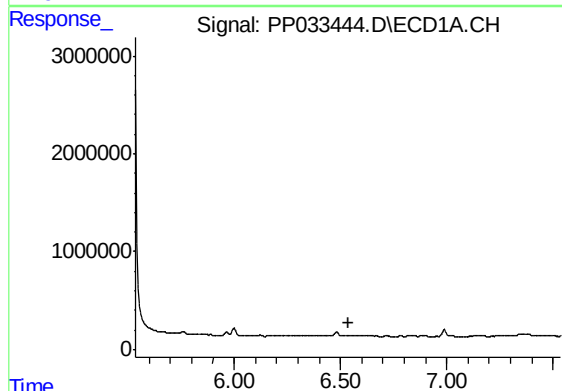
R.T.: 6.343 min  
Delta R.T.: 0.020 min  
Response: 45255  
Conc: 34.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



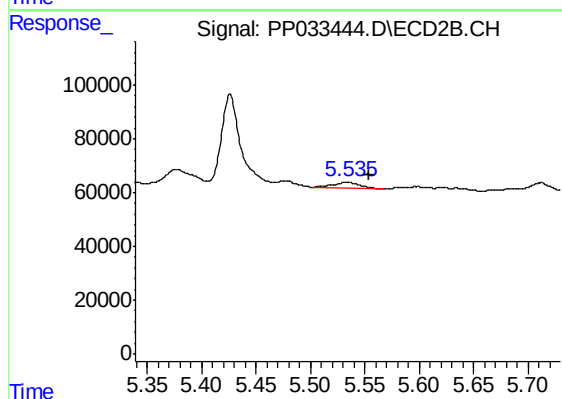
#22 AR-1248-2

R.T.: 5.535 min  
Delta R.T.: 0.025 min  
Response: 35792  
Conc: 37.31 ng/ml



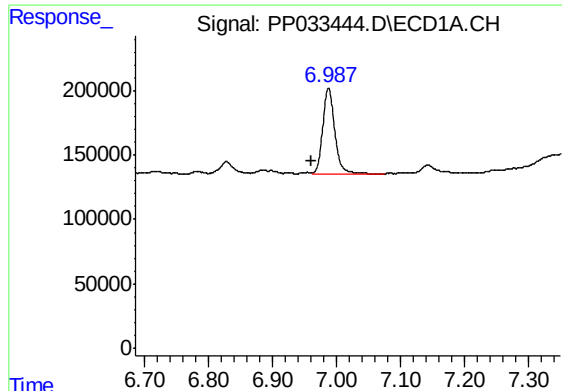
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 6.536 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

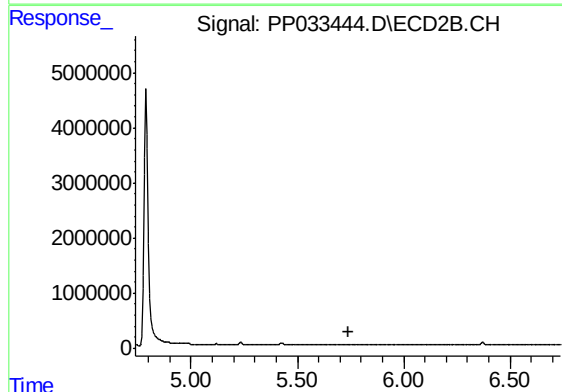
R.T.: 5.535 min  
Delta R.T.: -0.019 min  
Response: 35792  
Conc: 35.20 ng/ml



#24 AR-1248-4

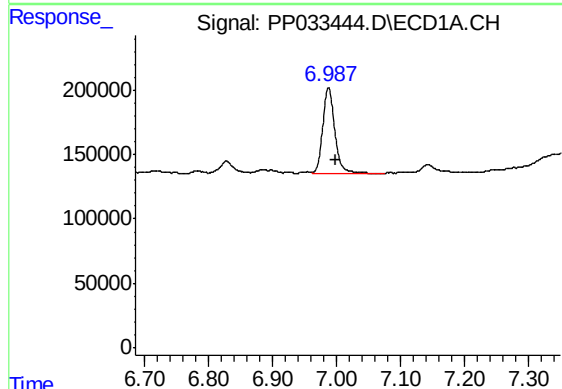
R.T.: 6.987 min  
Delta R.T.: 0.027 min  
Response: 867885  
Conc: 504.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



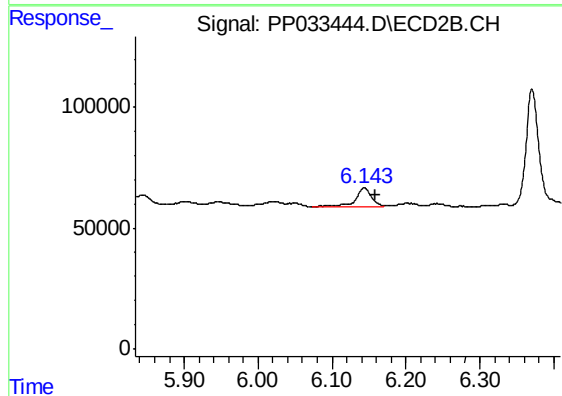
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.738 min  
Response: 0  
Conc: N.D.



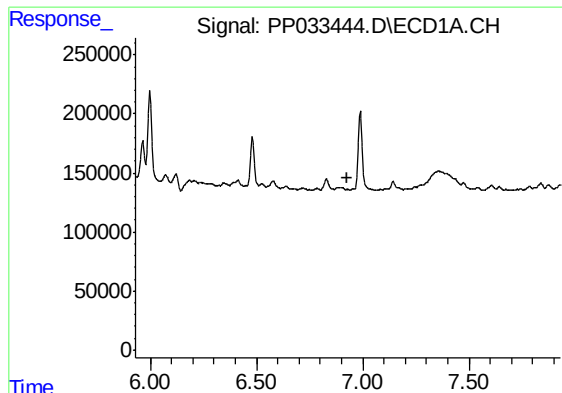
#25 AR-1248-5

R.T.: 6.987 min  
Delta R.T.: -0.012 min  
Response: 867885  
Conc: 498.78 ng/ml



#25 AR-1248-5

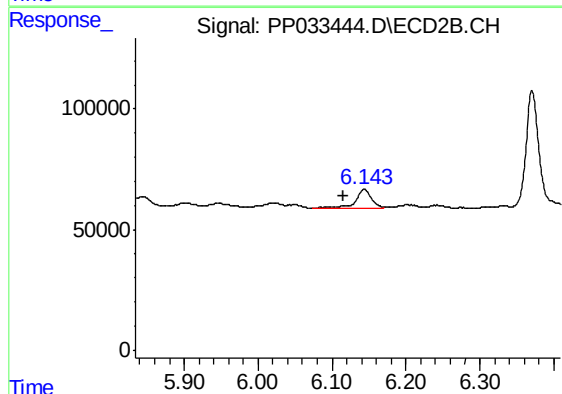
R.T.: 6.144 min  
Delta R.T.: -0.016 min  
Response: 127520  
Conc: 112.92 ng/ml



#26 AR-1254-1

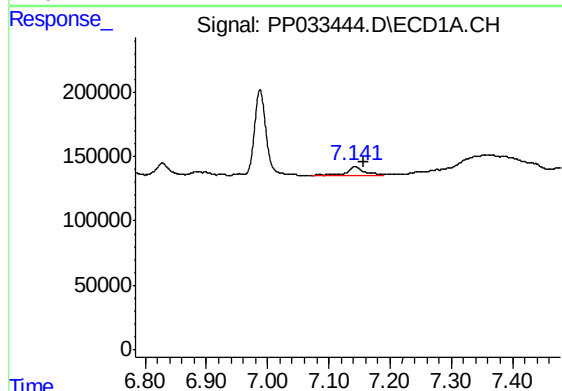
R.T.: 0.000 min  
Exp R.T. : 6.930 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
41061



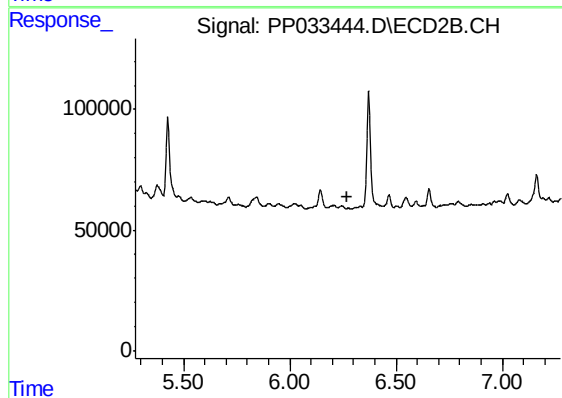
#26 AR-1254-1

R.T.: 6.144 min  
Delta R.T.: 0.028 min  
Response: 127520  
Conc: 66.72 ng/ml



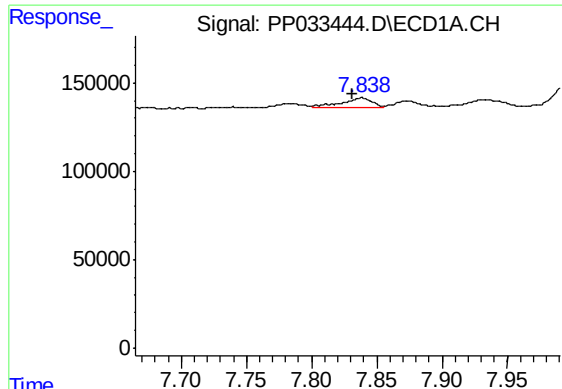
#27 AR-1254-2

R.T.: 7.142 min  
Delta R.T.: -0.016 min  
Response: 149992  
Conc: 51.16 ng/ml



#27 AR-1254-2

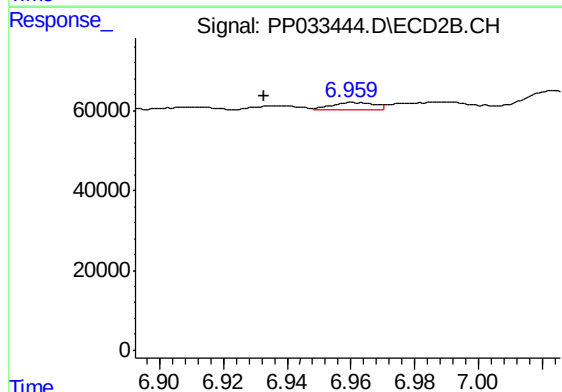
R.T.: 0.000 min  
Exp R.T. : 6.274 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

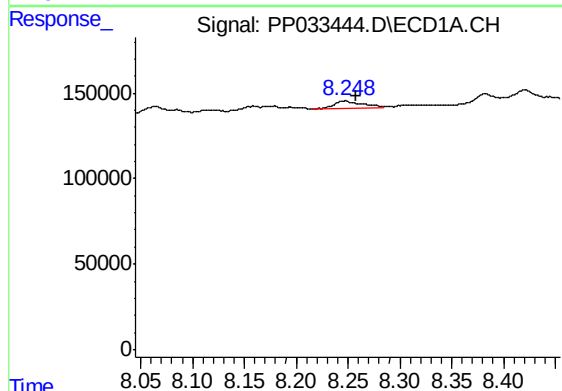
R.T.: 7.838 min  
Delta R.T.: 0.006 min  
Response: 89918  
Conc: 38.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



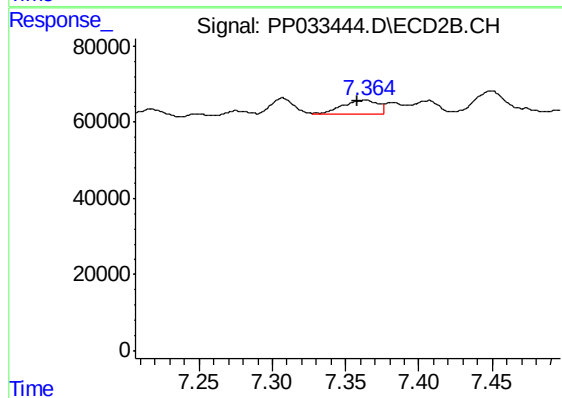
#29 AR-1254-4

R.T.: 6.961 min  
Delta R.T.: 0.028 min  
Response: 17655  
Conc: 11.82 ng/ml



#30 AR-1254-5

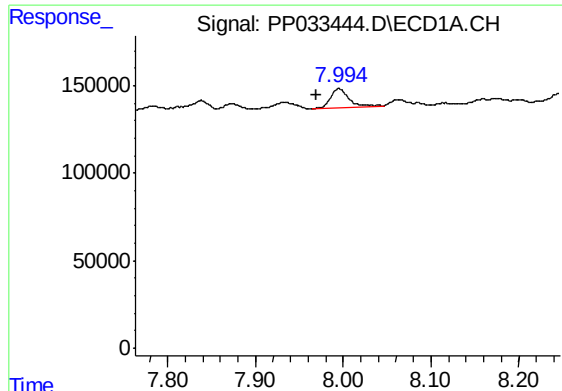
R.T.: 8.247 min  
Delta R.T.: -0.010 min  
Response: 81601  
Conc: 33.72 ng/ml



#30 AR-1254-5

R.T.: 7.364 min  
Delta R.T.: 0.006 min  
Response: 57365  
Conc: 23.69 ng/ml

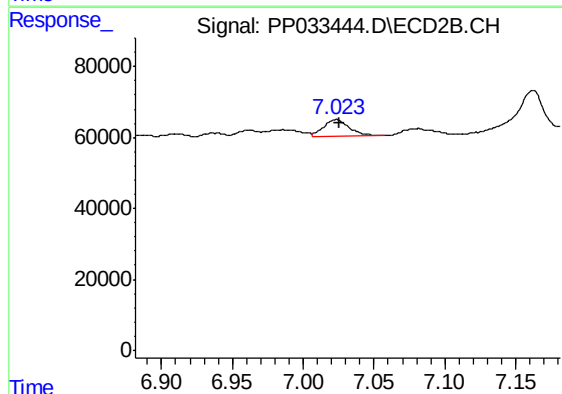




#32 AR-1260-2

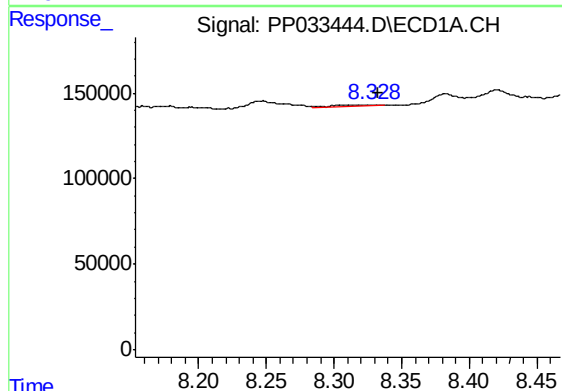
R.T.: 7.995 min  
Delta R.T.: 0.026 min  
Response: 173688  
Conc: 59.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



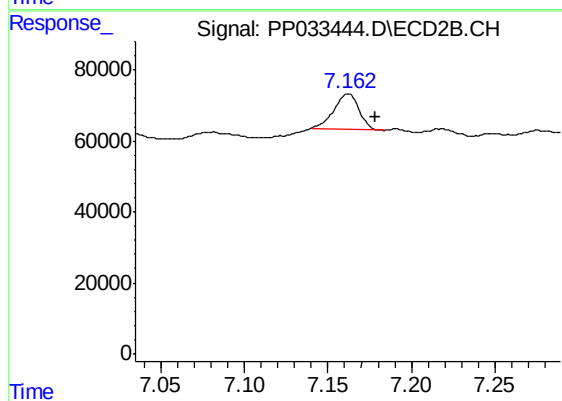
#32 AR-1260-2

R.T.: 7.023 min  
Delta R.T.: -0.002 min  
Response: 58096  
Conc: 28.75 ng/ml



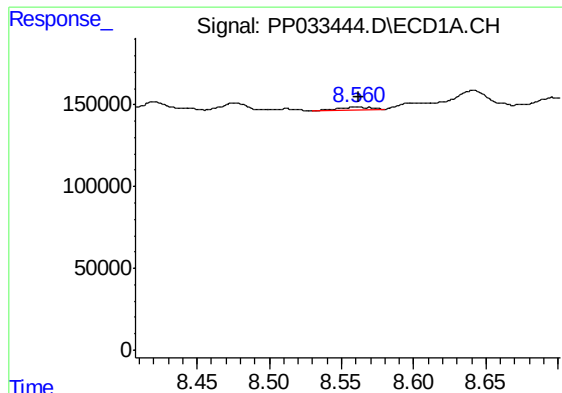
#33 AR-1260-3

R.T.: 8.332 min  
Delta R.T.: 0.000 min  
Response: 15673  
Conc: 6.12 ng/ml



#33 AR-1260-3

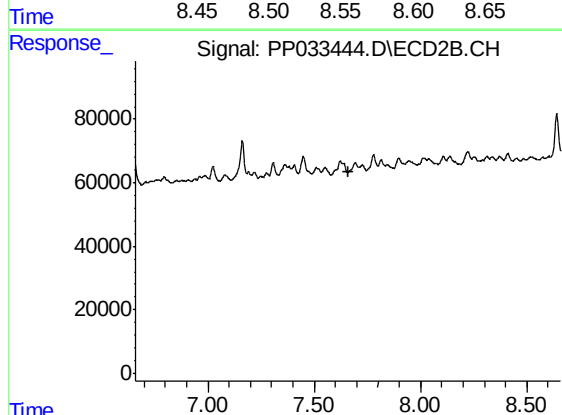
R.T.: 7.162 min  
Delta R.T.: -0.017 min  
Response: 104636  
Conc: 52.74 ng/ml



#34 AR-1260-4

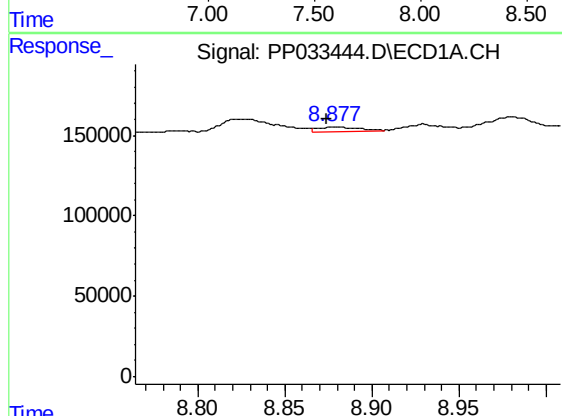
R.T.: 8.560 min  
Delta R.T.: -0.001 min  
Response: 31238  
Conc: 12.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



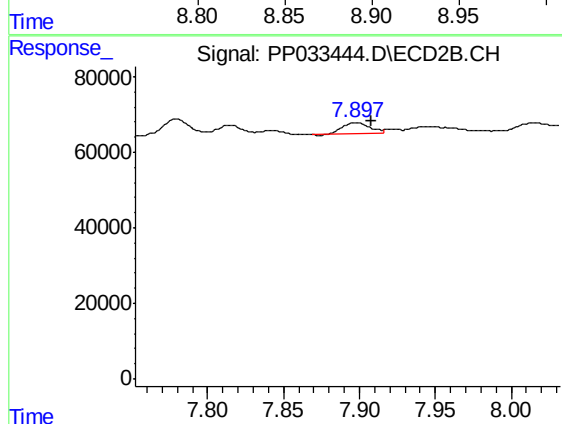
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.659 min  
Response: 0  
Conc: N.D.



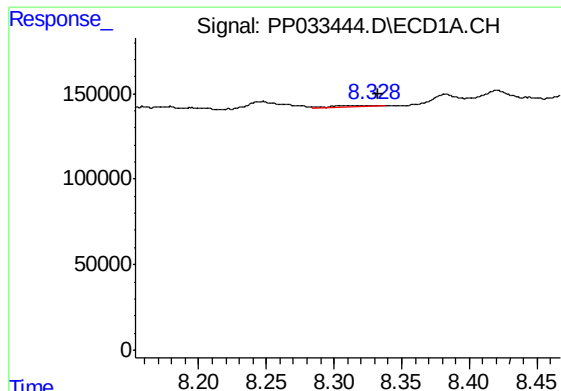
#35 AR-1260-5

R.T.: 8.878 min  
Delta R.T.: 0.004 min  
Response: 39793  
Conc: 7.39 ng/ml



#35 AR-1260-5

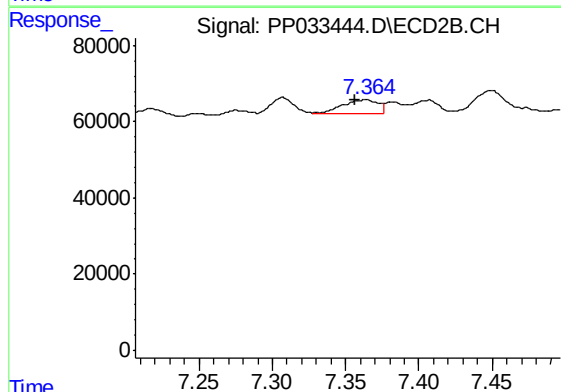
R.T.: 7.898 min  
Delta R.T.: -0.011 min  
Response: 37773  
Conc: 9.82 ng/ml



#36 AR-1262-1

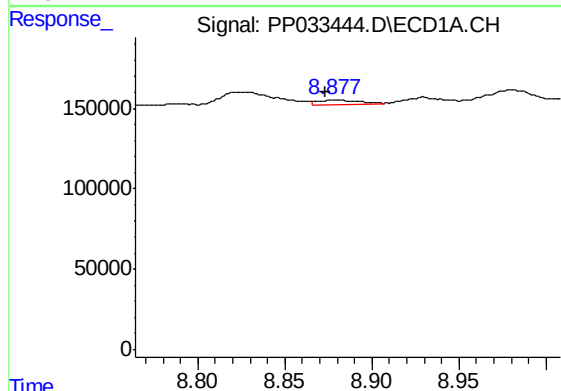
R.T.: 8.332 min  
Delta R.T.: 0.000 min  
Response: 15673  
Conc: 4.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



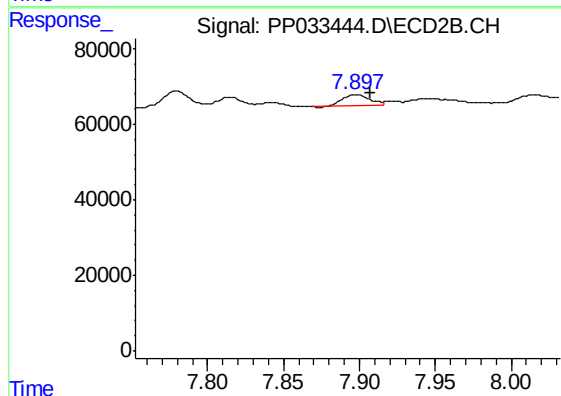
#36 AR-1262-1

R.T.: 7.364 min  
Delta R.T.: 0.008 min  
Response: 57365  
Conc: 46.06 ng/ml



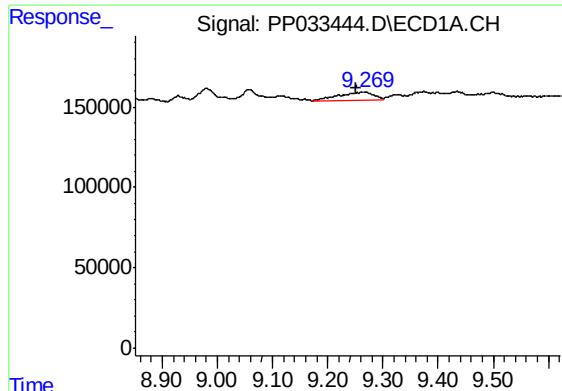
#37 AR-1262-2

R.T.: 8.878 min  
Delta R.T.: 0.004 min  
Response: 39793  
Conc: 6.36 ng/ml



#37 AR-1262-2

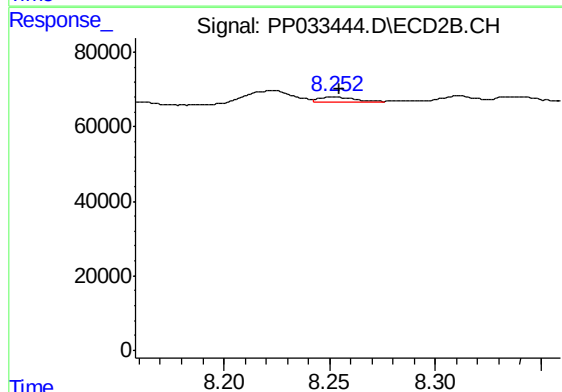
R.T.: 7.898 min  
Delta R.T.: -0.010 min  
Response: 37773  
Conc: 8.59 ng/ml



#39 AR-1262-4

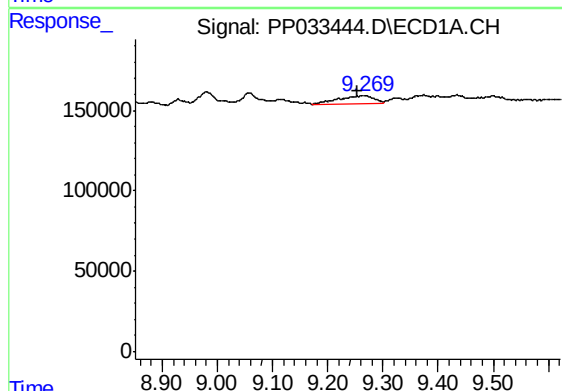
R.T.: 9.269 min  
Delta R.T.: 0.017 min  
Response: 200663  
Conc: 64.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



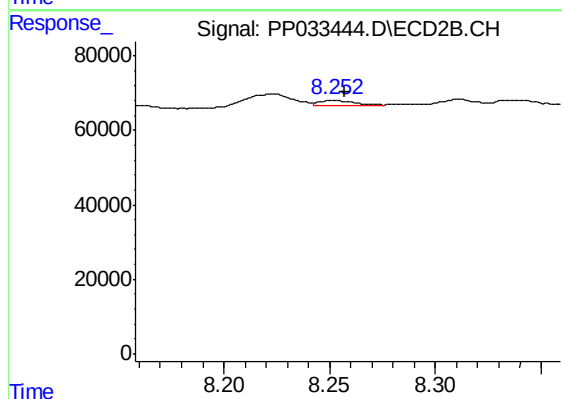
#39 AR-1262-4

R.T.: 8.253 min  
Delta R.T.: -0.002 min  
Response: 15170  
Conc: 4.45 ng/ml



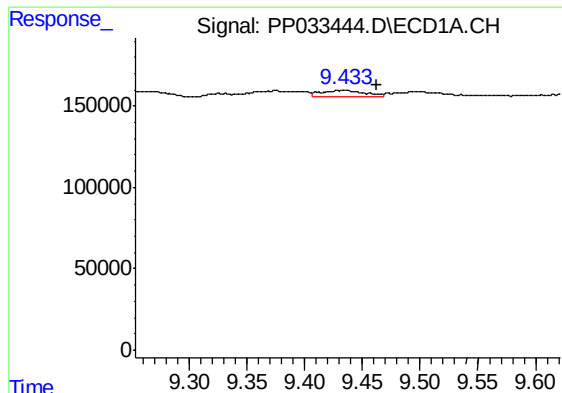
#42 AR-1268-2

R.T.: 9.269 min  
Delta R.T.: 0.014 min  
Response: 200663  
Conc: 31.08 ng/ml



#42 AR-1268-2

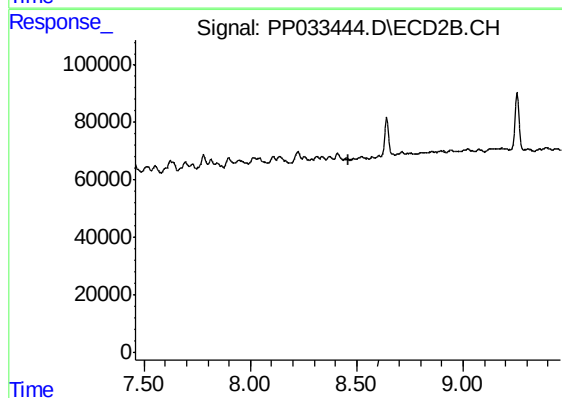
R.T.: 8.253 min  
Delta R.T.: -0.004 min  
Response: 15170  
Conc: 3.08 ng/ml



#43 AR-1268-3

R.T.: 9.434 min  
Delta R.T.: -0.029 min  
Response: 108485  
Conc: 17.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
41061



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.459 min  
Response: 0  
Conc: N.D.