

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP040524\  
 Data File : PP064125.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Apr 2024 21:03  
 Operator : YP\AJ  
 Sample : P1996-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 TP3

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 23:52:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031924.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 19 06:23:02 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...          | 4.485  | 3.635  | 45921536 | 47327912 | 19.245  | 19.823    |
| 2) SA Decachlor...          | 10.357 | 8.668  | 59305013 | 60182784 | 23.358  | 22.269    |
| Target Compounds            |        |        |          |          |         |           |
| 3) L1 AR-1016-1             | 5.659  | 4.738  | 23676257 | 609802   | 284.122 | 7.382 #   |
| 4) L1 AR-1016-2             | 0.000  | 4.738  | 0        | 609802   | N.D.    | 5.260 #   |
| 5) L1 AR-1016-3             | 5.736f | 0.000  | 4336842  | 0        | 54.304  | N.D. #    |
| 6) L1 AR-1016-4             | 0.000  | 4.980  | 0        | 37037408 | N.D.    | 675.828 # |
| 7) L1 AR-1016-5             | 0.000  | 5.181  | 0        | 1185733  | N.D.    | 17.058 #  |
| 8) L2 AR-1221-1             | 4.694  | 0.000  | 10721018 | 0        | 393.842 | N.D. #    |
| 9) L2 AR-1221-2             | 0.000  | 3.921f | 0        | 3986320  | N.D.    | 194.511 # |
| 12) L3 AR-1232-2            | 0.000  | 4.738  | 0        | 609802   | N.D.    | 11.860 #  |
| 15) L3 AR-1232-5            | 0.000  | 5.181  | 0        | 1185733  | N.D.    | 40.185 #  |
| 16) L4 AR-1242-1            | 5.659f | 4.738  | 23676257 | 609802   | 392.528 | 10.344 #  |
| 17) L4 AR-1242-2            | 0.000  | 4.738  | 0        | 609802   | N.D.    | 7.451 #   |
| 18) L4 AR-1242-3            | 5.736f | 0.000  | 4336842  | 0        | 77.158  | N.D. #    |
| 20) L4 AR-1242-5            | 0.000  | 5.532  | 0        | 1674507  | N.D.    | 28.693 #  |
| 21) L5 AR-1248-1            | 5.659  | 4.738  | 23676257 | 609802   | 506.789 | 13.691 #  |
| 22) L5 AR-1248-2            | 0.000  | 4.980  | 0        | 37037408 | N.D.    | 521.847 # |
| 24) L5 AR-1248-4            | 0.000  | 5.181  | 0        | 1185733  | N.D.    | 13.693 #  |
| 26) L6 AR-1254-1            | 0.000  | 5.532  | 0        | 1674507  | N.D.    | 13.551 #  |
| 27) L6 AR-1254-2            | 6.752  | 5.680  | 2540920  | 1014576  | 18.535  | 8.839 #   |
| 28) L6 AR-1254-3            | 7.124  | 6.086  | 4164070  | 3752519  | 29.755  | 20.854 #  |
| 29) L6 AR-1254-4            | 0.000  | 6.315  | 0        | 1167865  | N.D.    | 12.674 #  |
| 30) L6 AR-1254-5            | 7.851  | 6.733  | 32375726 | 31809987 | 275.358 | 190.569 # |
| 31) L7 AR-1260-1            | 7.285  | 6.216  | 3299006  | 3252400  | 26.120  | 22.759    |
| 32) L7 AR-1260-2            | 7.536  | 6.405  | 7514378  | 3239313  | 52.636  | 19.163 #  |
| 33) L7 AR-1260-3            | 7.907  | 6.559  | 4089570  | 2735242  | 40.743  | 17.018 #  |
| 34) L7 AR-1260-4            | 8.133  | 7.031  | 6795187  | 2952667  | 56.485  | 24.224 #  |
| 35) L7 AR-1260-5            | 8.465  | 7.275  | 4250882  | 5491927  | 20.478  | 20.584    |
| 36) L8 AR-1262-1            | 7.966  | 6.828  | 4040062  | 1607683  | 69.066  | 23.811 #  |
| 37) L8 AR-1262-2            | 8.465  | 7.031  | 4250882  | 2952667  | 20.646  | 18.476    |
| 38) L8 AR-1262-3            | 8.789  | 7.561  | 4375862  | 4627066  | 26.383  | 35.803 #  |
| 39) L8 AR-1262-4            | 8.885  | 7.623  | 3379286  | 6135135  | 25.453  | 28.704    |
| 40) L8 AR-1262-5            | 0.000  | 8.122  | 0        | 1239648  | N.D.    | 14.468 #  |
| 41) L9 AR-1268-1            | 8.789  | 7.561  | 4375862  | 4627066  | 14.041  | 12.410    |
| 42) L9 AR-1268-2            | 8.885  | 7.623  | 3379286  | 6135135  | 11.935  | 17.850 #  |
| 43) L9 AR-1268-3            | 9.123  | 7.833  | 5376781  | 6455917  | 21.475  | 21.488    |
| 44) L9 AR-1268-4            | 0.000  | 8.122  | 0        | 1239648  | N.D.    | 11.272 #  |
| 45) L9 AR-1268-5            | 10.000 | 8.413  | 20617589 | 12995998 | 26.078  | 15.677 #  |
| -----                       |        |        |          |          |         |           |

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

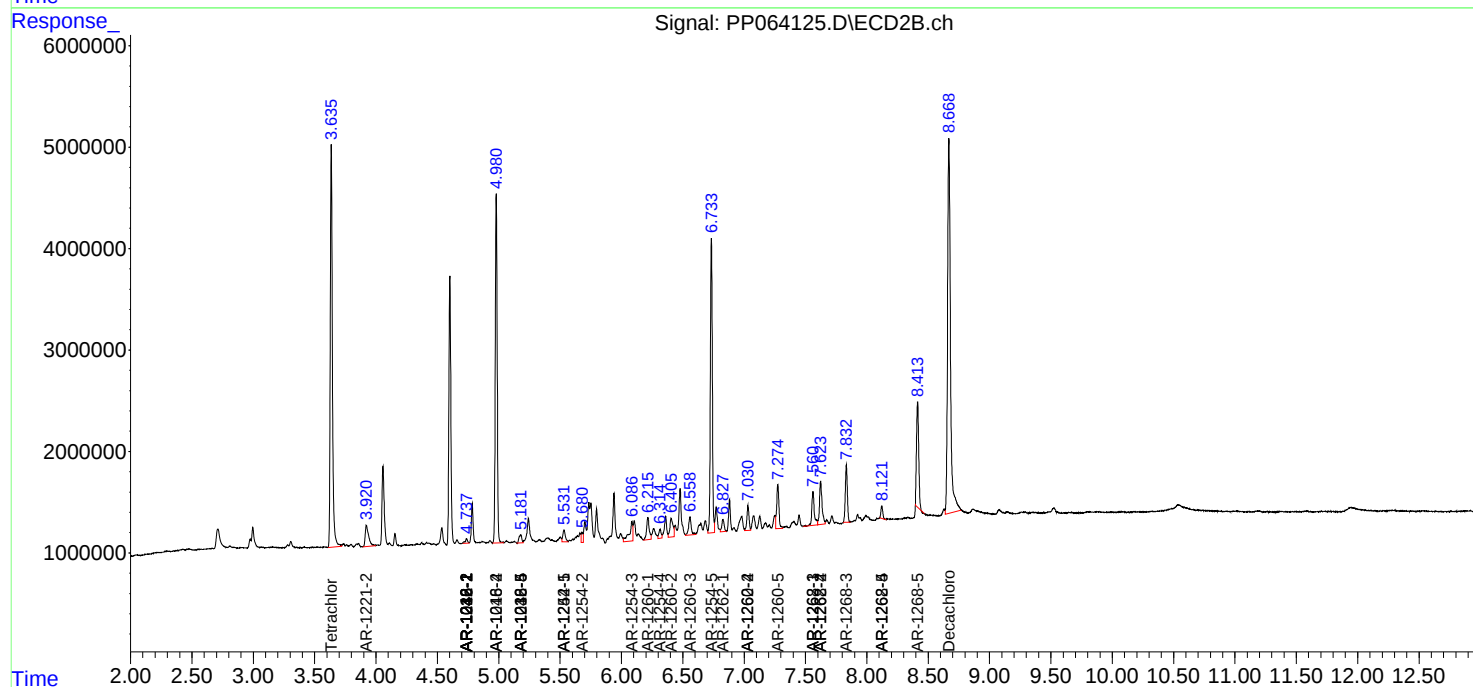
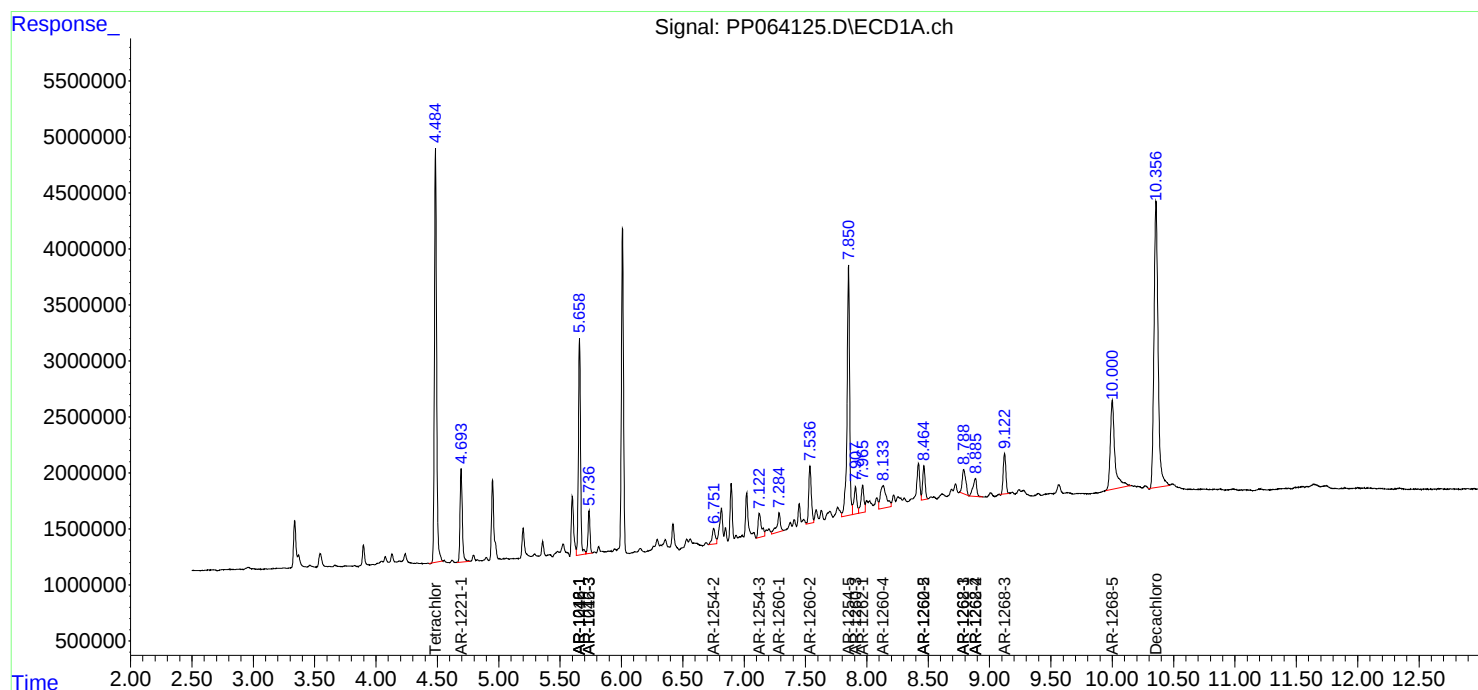
Instrument :  
ECD\_P  
ClientSampleId :  
TP3

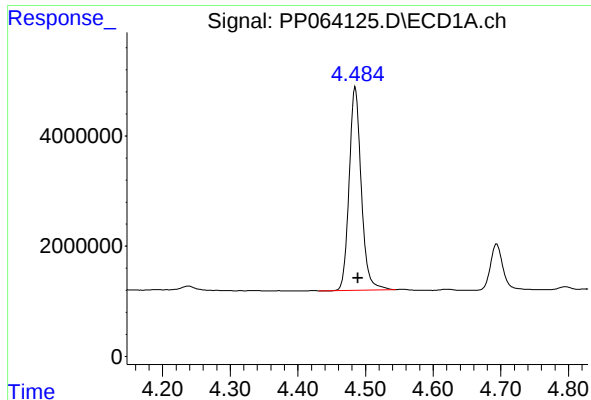
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP040524\  
Data File : PP064125.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Apr 2024 21:03  
Operator : YP\AJ  
Sample : P1996-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
TP3

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 23:52:45 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031924.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 19 06:23:02 2024  
Response via : Initial Calibration  
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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

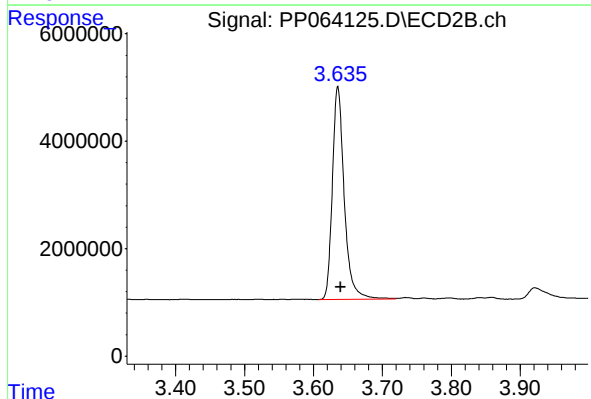




#1 Tetrachloro-m-xylene

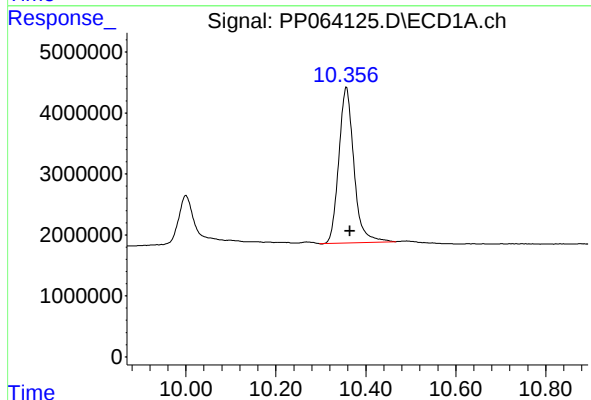
R.T.: 4.485 min  
Delta R.T.: -0.004 min  
Response: 45921536  
Conc: 19.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



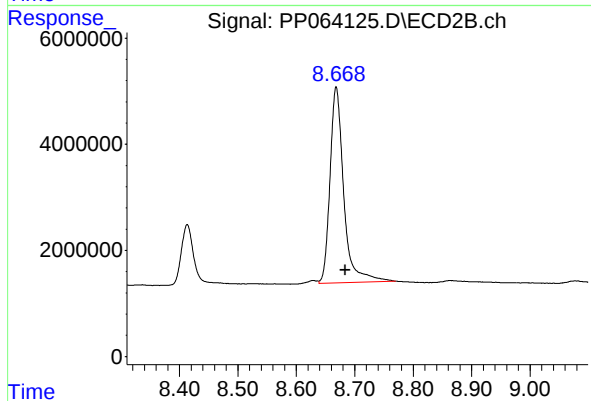
#1 Tetrachloro-m-xylene

R.T.: 3.635 min  
Delta R.T.: -0.004 min  
Response: 47327912  
Conc: 19.82 ng/ml



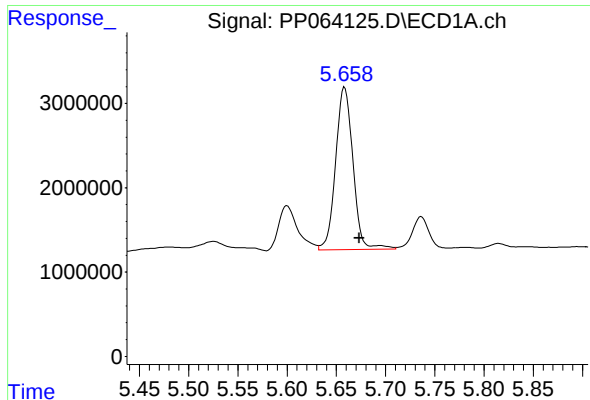
#2 Decachlorobiphenyl

R.T.: 10.357 min  
Delta R.T.: -0.009 min  
Response: 59305013  
Conc: 23.36 ng/ml



#2 Decachlorobiphenyl

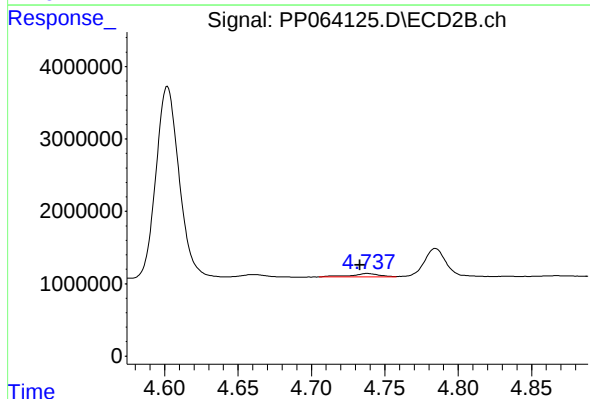
R.T.: 8.668 min  
Delta R.T.: -0.015 min  
Response: 60182784  
Conc: 22.27 ng/ml



#3 AR-1016-1

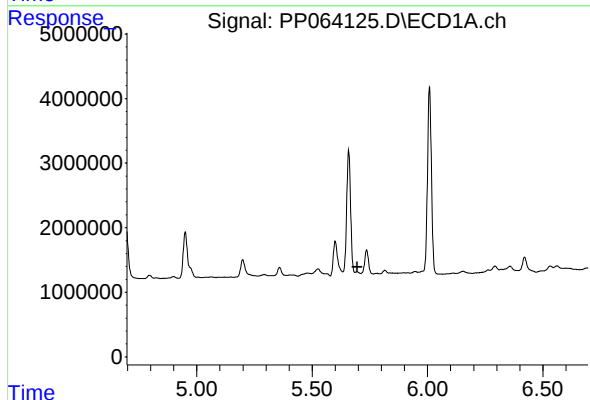
R.T.: 5.659 min  
Delta R.T.: -0.015 min  
Response: 23676257  
Conc: 284.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



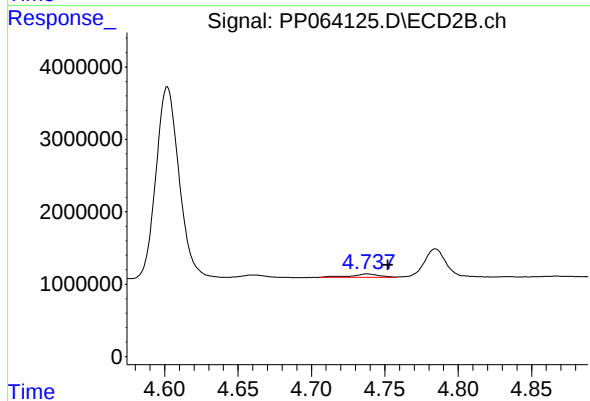
#3 AR-1016-1

R.T.: 4.738 min  
Delta R.T.: 0.005 min  
Response: 609802  
Conc: 7.38 ng/ml



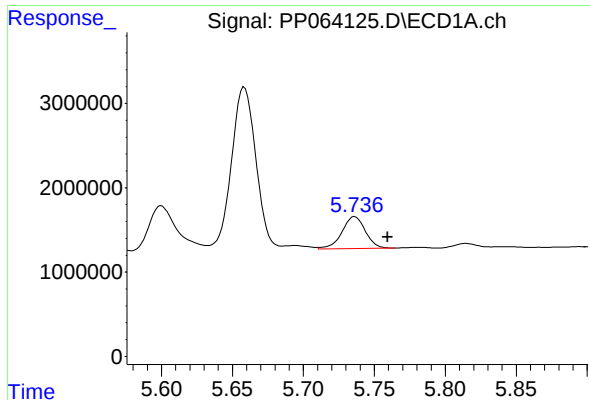
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.696 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

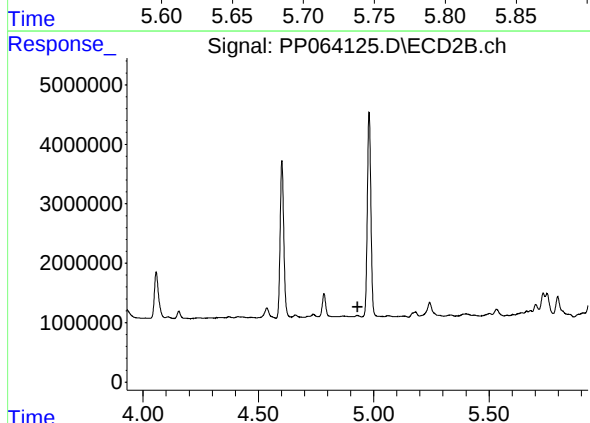
R.T.: 4.738 min  
Delta R.T.: -0.014 min  
Response: 609802  
Conc: 5.26 ng/ml



#5 AR-1016-3

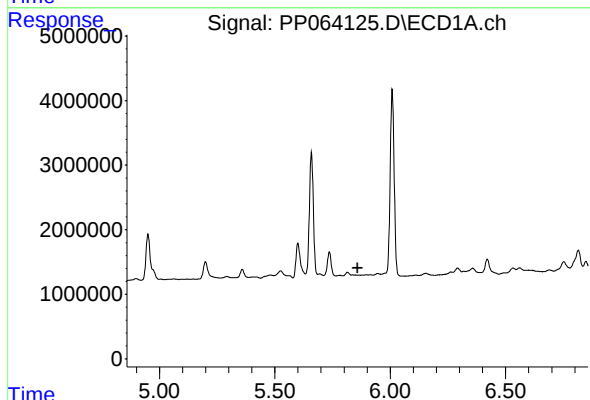
R.T.: 5.736 min  
Delta R.T.: -0.023 min  
Response: 4336842  
Conc: 54.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



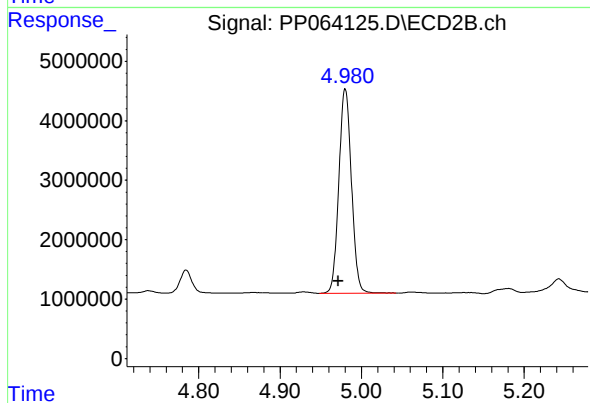
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 4.929 min  
Response: 0  
Conc: N.D.



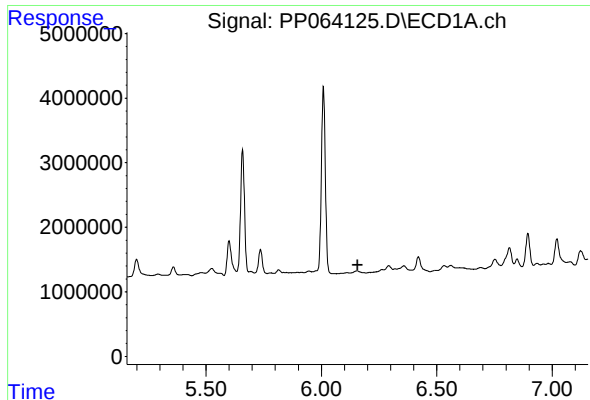
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.858 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

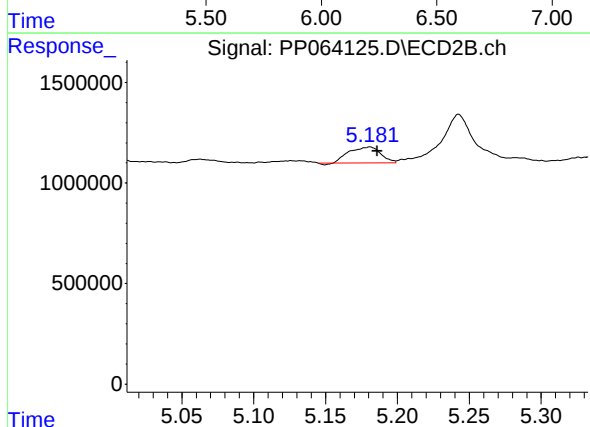
R.T.: 4.980 min  
Delta R.T.: 0.008 min  
Response: 37037408  
Conc: 675.83 ng/ml



#7 AR-1016-5

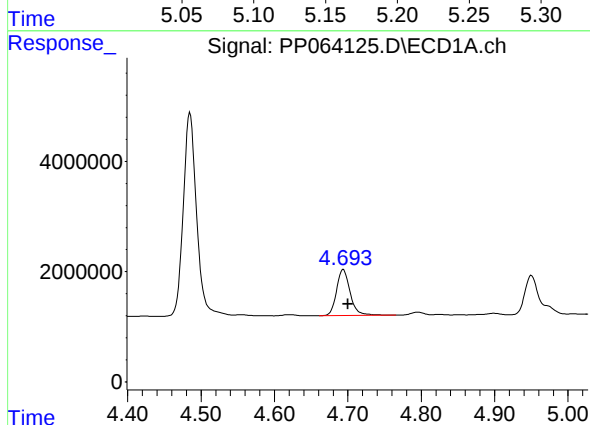
R.T.: 0.000 min  
Exp R.T.: 6.157 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



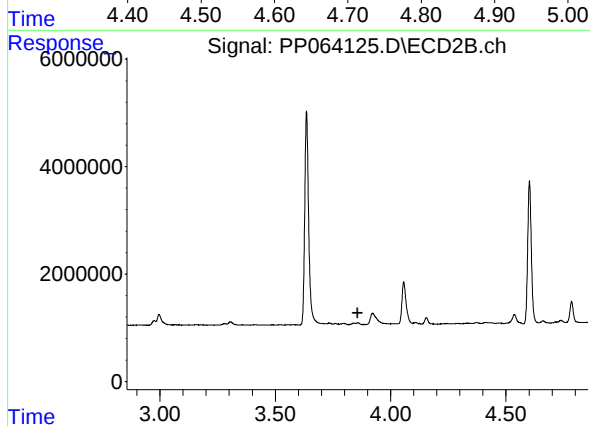
#7 AR-1016-5

R.T.: 5.181 min  
Delta R.T.: -0.005 min  
Response: 1185733  
Conc: 17.06 ng/ml



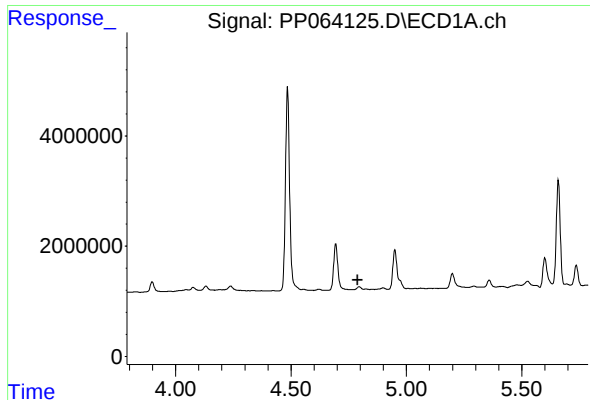
#8 AR-1221-1

R.T.: 4.694 min  
Delta R.T.: -0.006 min  
Response: 10721018  
Conc: 393.84 ng/ml



#8 AR-1221-1

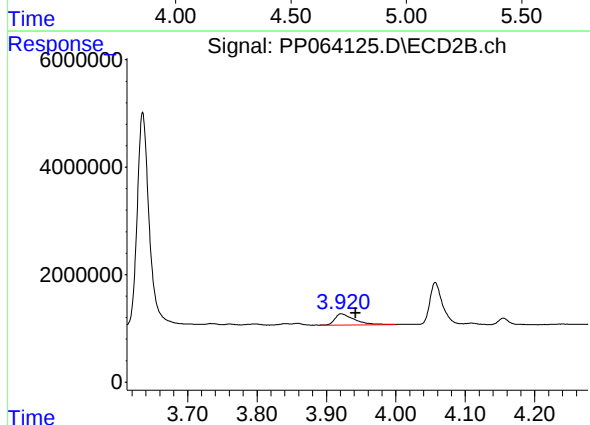
R.T.: 0.000 min  
Exp R.T.: 3.856 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

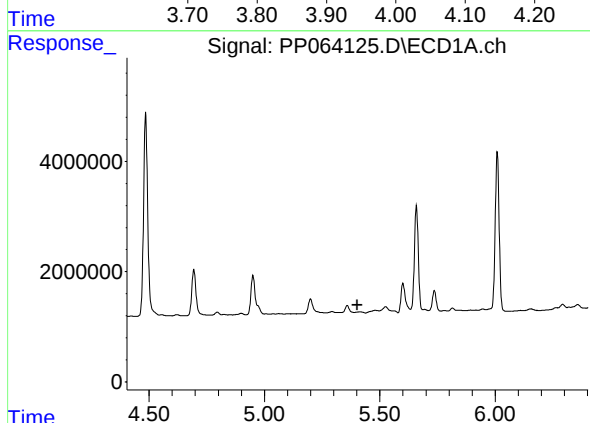
R.T.: 0.000 min  
Exp R.T.: 4.789 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



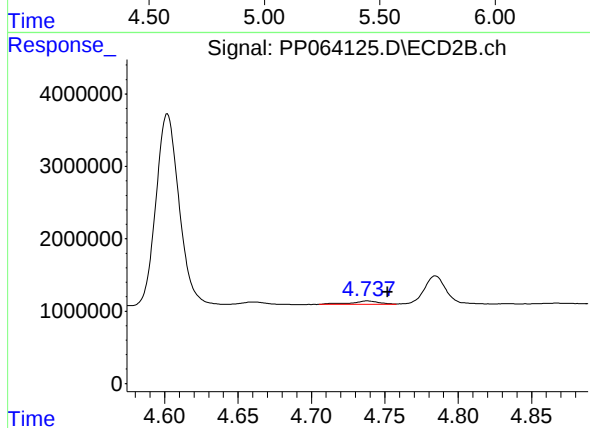
#9 AR-1221-2

R.T.: 3.921 min  
Delta R.T.: -0.021 min  
Response: 3986320  
Conc: 194.51 ng/ml



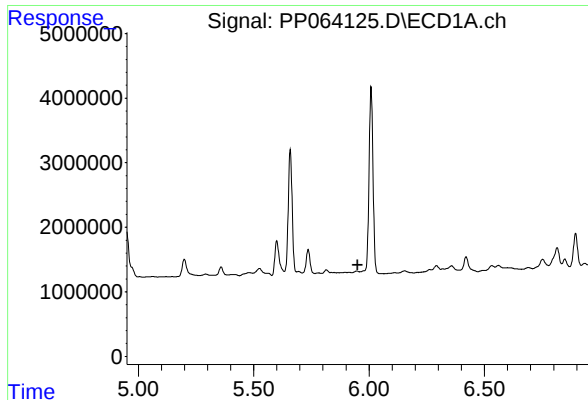
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.402 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

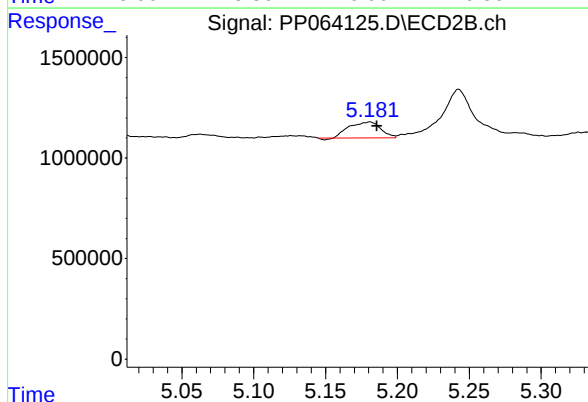
R.T.: 4.738 min  
Delta R.T.: -0.014 min  
Response: 609802  
Conc: 11.86 ng/ml



#15 AR-1232-5

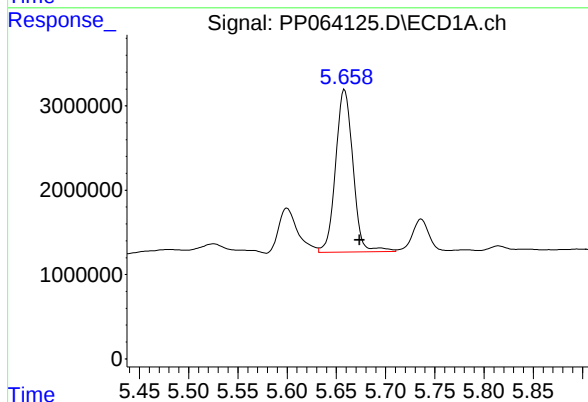
R.T.: 0.000 min  
Exp R.T.: 5.950 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



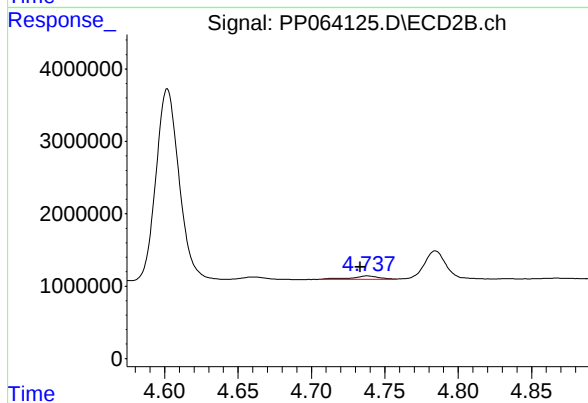
#15 AR-1232-5

R.T.: 5.181 min  
Delta R.T.: -0.005 min  
Response: 1185733  
Conc: 40.18 ng/ml



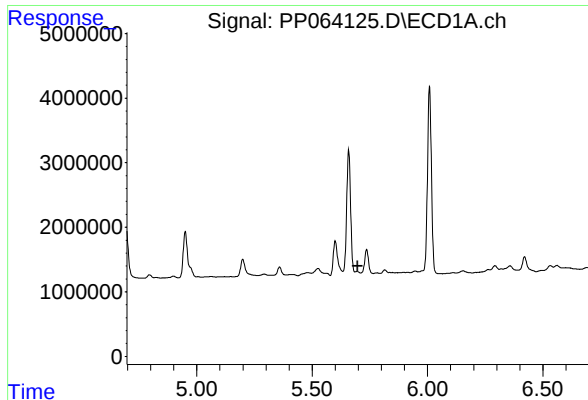
#16 AR-1242-1

R.T.: 5.659 min  
Delta R.T.: -0.015 min  
Response: 23676257  
Conc: 392.53 ng/ml



#16 AR-1242-1

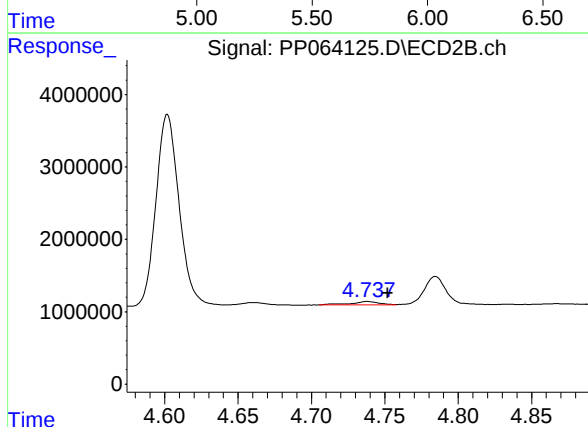
R.T.: 4.738 min  
Delta R.T.: 0.005 min  
Response: 609802  
Conc: 10.34 ng/ml



#17 AR-1242-2

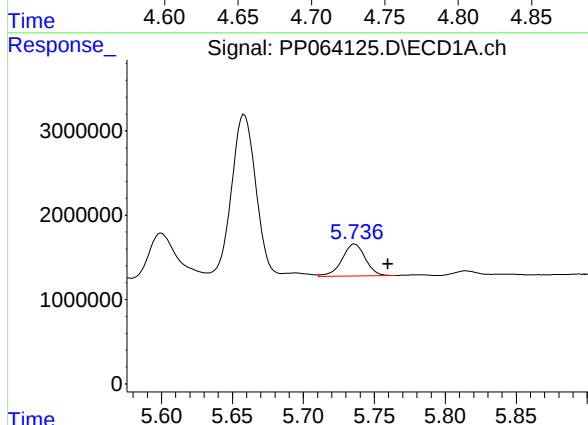
R.T.: 0.000 min  
Exp R.T.: 5.697 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



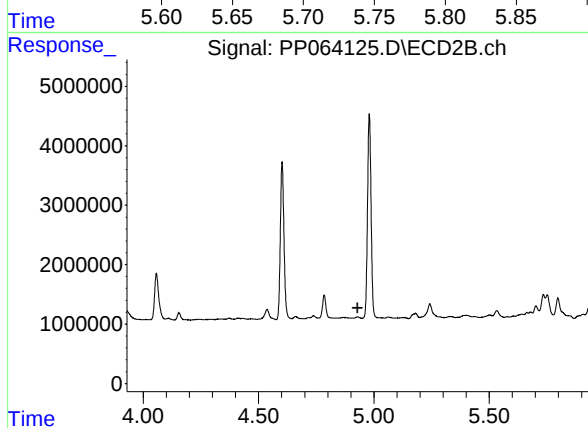
#17 AR-1242-2

R.T.: 4.738 min  
Delta R.T.: -0.014 min  
Response: 609802  
Conc: 7.45 ng/ml



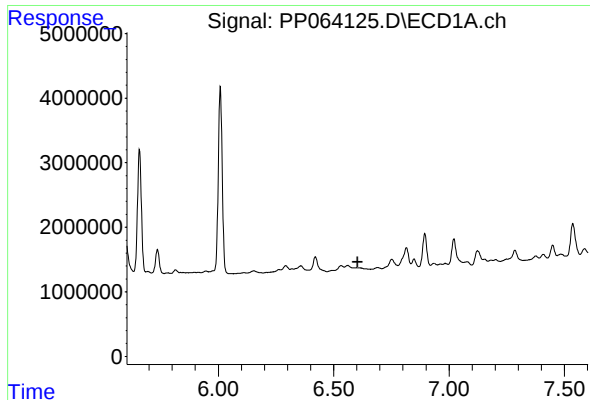
#18 AR-1242-3

R.T.: 5.736 min  
Delta R.T.: -0.023 min  
Response: 4336842  
Conc: 77.16 ng/ml



#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 4.929 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.603 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TP3

#20 AR-1242-5

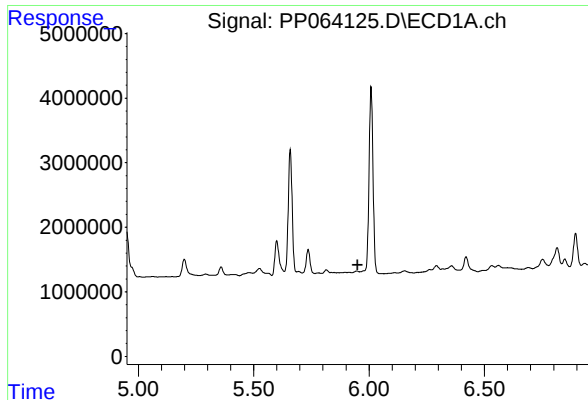
R.T.: 5.532 min  
Delta R.T.: -0.007 min  
Response: 1674507  
Conc: 28.69 ng/ml

#21 AR-1248-1

R.T.: 5.659 min  
Delta R.T.: -0.014 min  
Response: 23676257  
Conc: 506.79 ng/ml

#21 AR-1248-1

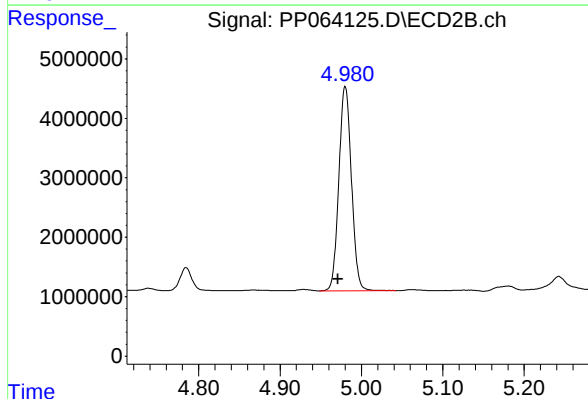
R.T.: 4.738 min  
Delta R.T.: 0.006 min  
Response: 609802  
Conc: 13.69 ng/ml



#22 AR-1248-2

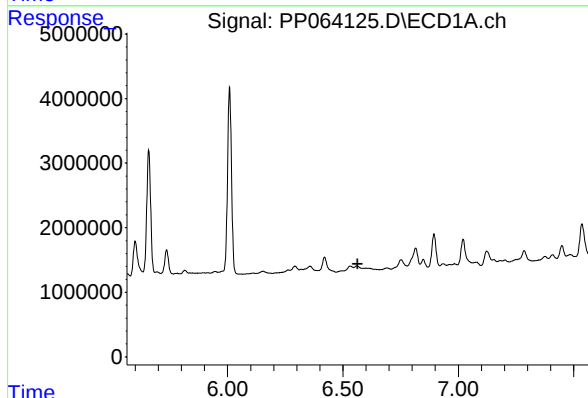
R.T.: 0.000 min  
Exp R.T.: 5.950 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



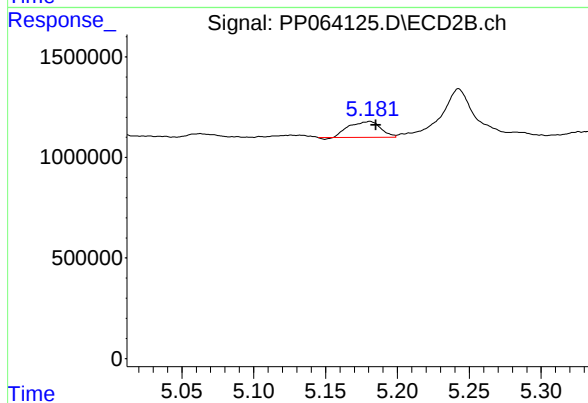
#22 AR-1248-2

R.T.: 4.980 min  
Delta R.T.: 0.009 min  
Response: 37037408  
Conc: 521.85 ng/ml



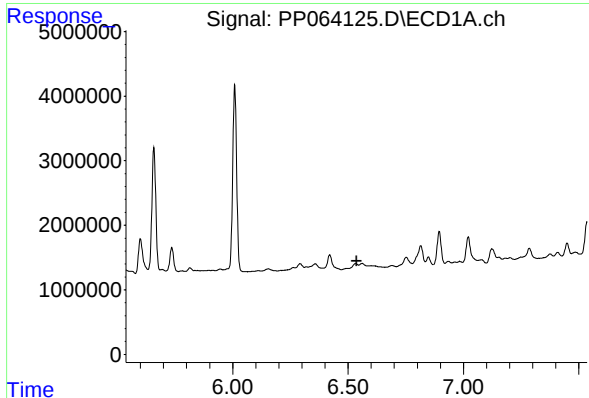
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.563 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

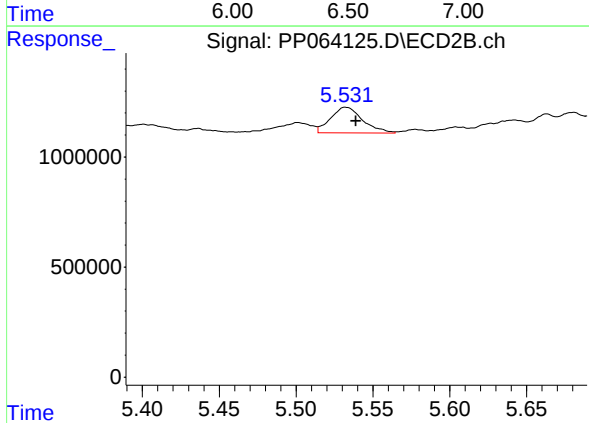
R.T.: 5.181 min  
Delta R.T.: -0.004 min  
Response: 1185733  
Conc: 13.69 ng/ml



#26 AR-1254-1

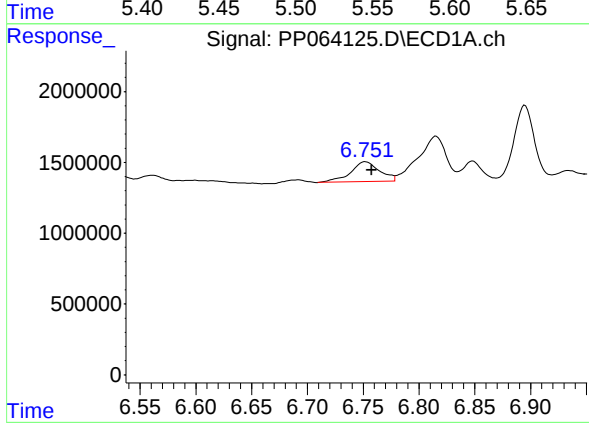
R.T.: 0.000 min  
Exp R.T.: 6.536 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



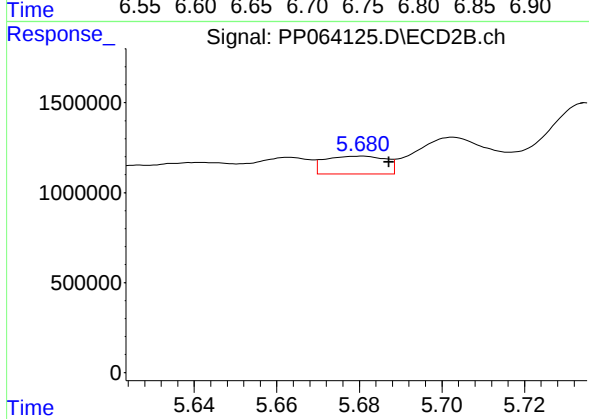
#26 AR-1254-1

R.T.: 5.532 min  
Delta R.T.: -0.007 min  
Response: 1674507  
Conc: 13.55 ng/ml



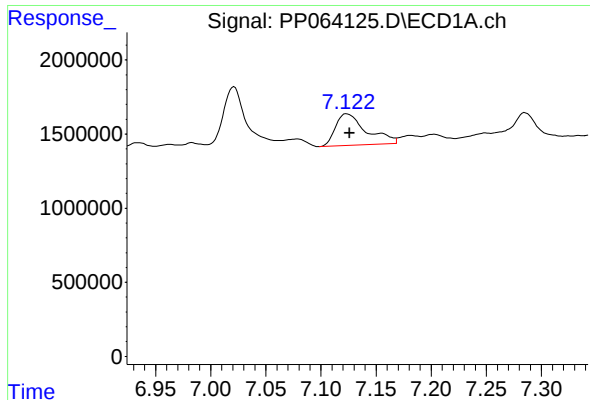
#27 AR-1254-2

R.T.: 6.752 min  
Delta R.T.: -0.005 min  
Response: 2540920  
Conc: 18.53 ng/ml



#27 AR-1254-2

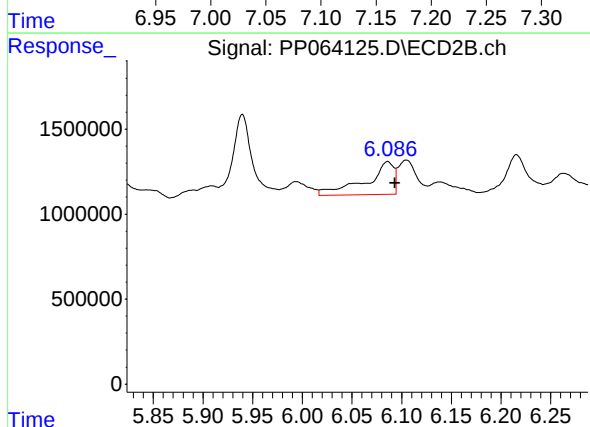
R.T.: 5.680 min  
Delta R.T.: -0.007 min  
Response: 1014576  
Conc: 8.84 ng/ml



#28 AR-1254-3

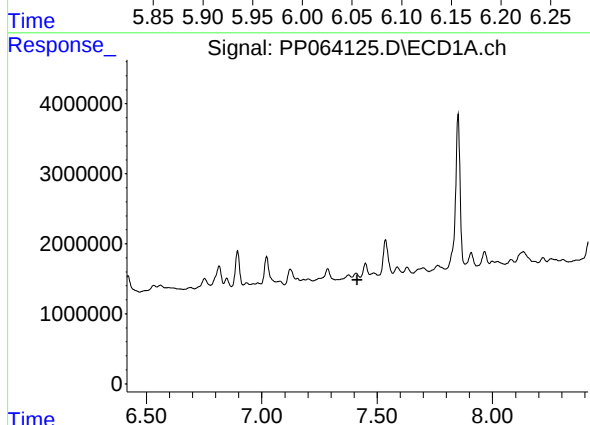
R.T.: 7.124 min  
Delta R.T.: -0.002 min  
Response: 4164070  
Conc: 29.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



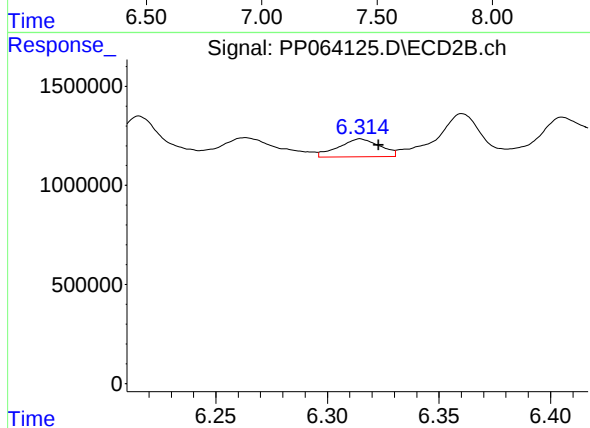
#28 AR-1254-3

R.T.: 6.086 min  
Delta R.T.: -0.007 min  
Response: 3752519  
Conc: 20.85 ng/ml



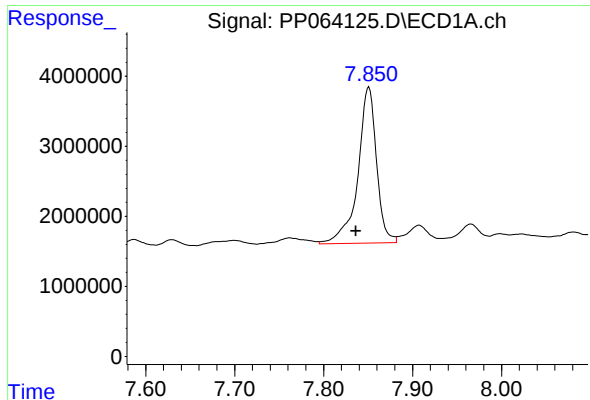
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.414 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

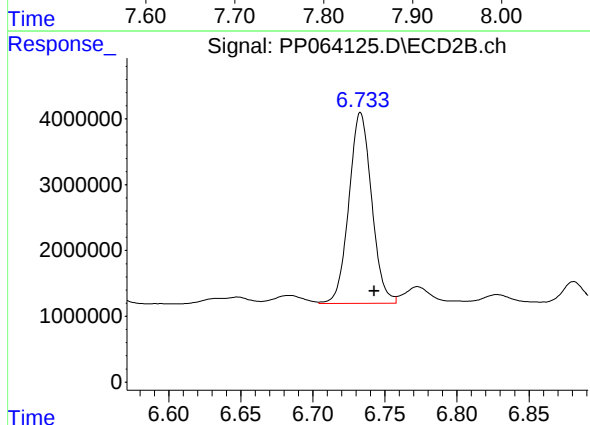
R.T.: 6.315 min  
Delta R.T.: -0.008 min  
Response: 1167865  
Conc: 12.67 ng/ml



#30 AR-1254-5

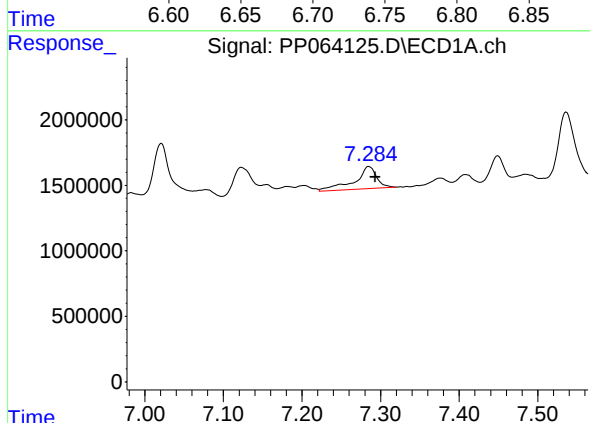
R.T.: 7.851 min  
Delta R.T.: 0.015 min  
Response: 32375726  
Conc: 275.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



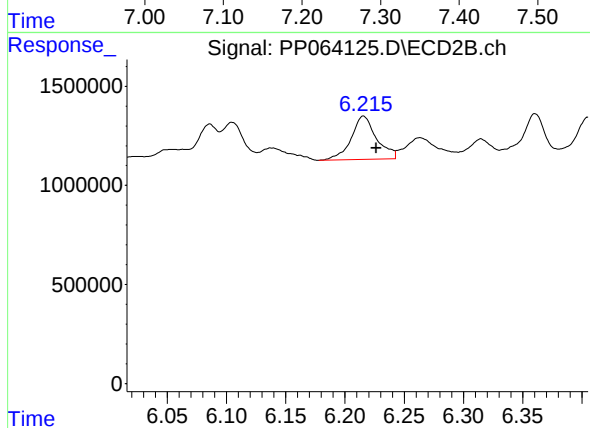
#30 AR-1254-5

R.T.: 6.733 min  
Delta R.T.: -0.010 min  
Response: 31809987  
Conc: 190.57 ng/ml



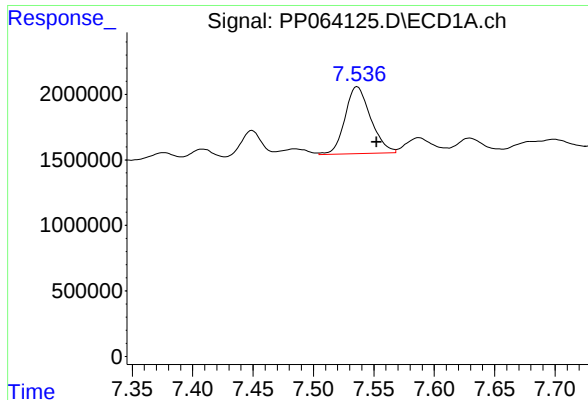
#31 AR-1260-1

R.T.: 7.285 min  
Delta R.T.: -0.008 min  
Response: 3299006  
Conc: 26.12 ng/ml



#31 AR-1260-1

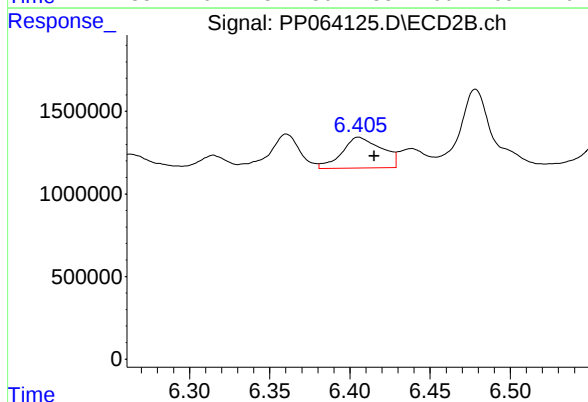
R.T.: 6.216 min  
Delta R.T.: -0.011 min  
Response: 3252400  
Conc: 22.76 ng/ml



#32 AR-1260-2

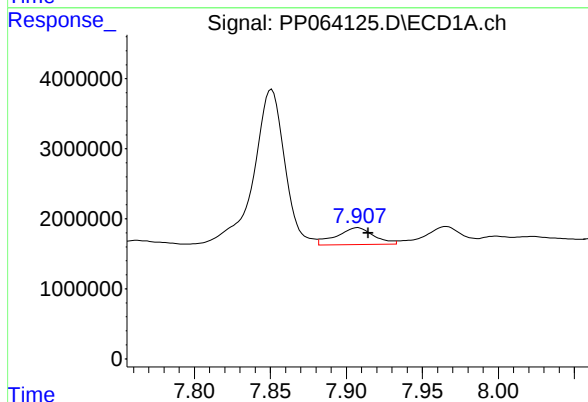
R.T.: 7.536 min  
Delta R.T.: -0.016 min  
Response: 7514378  
Conc: 52.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



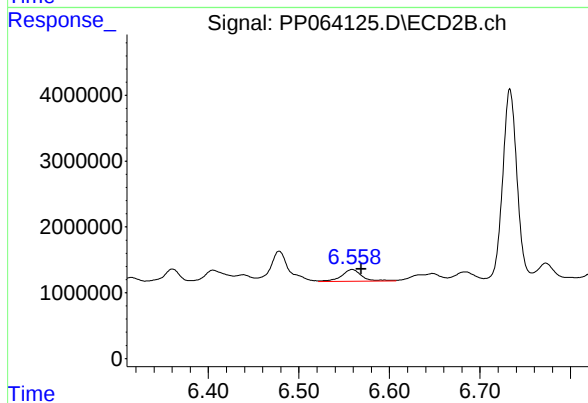
#32 AR-1260-2

R.T.: 6.405 min  
Delta R.T.: -0.010 min  
Response: 3239313  
Conc: 19.16 ng/ml



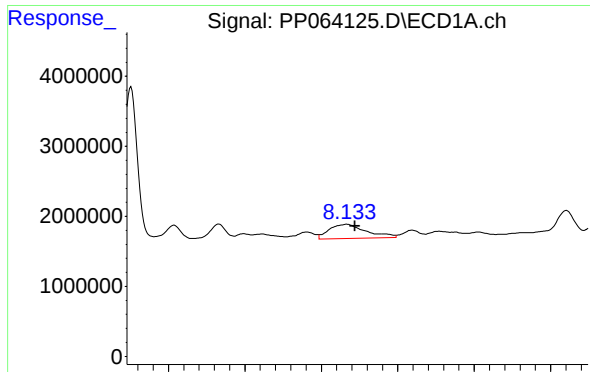
#33 AR-1260-3

R.T.: 7.907 min  
Delta R.T.: -0.007 min  
Response: 4089570  
Conc: 40.74 ng/ml



#33 AR-1260-3

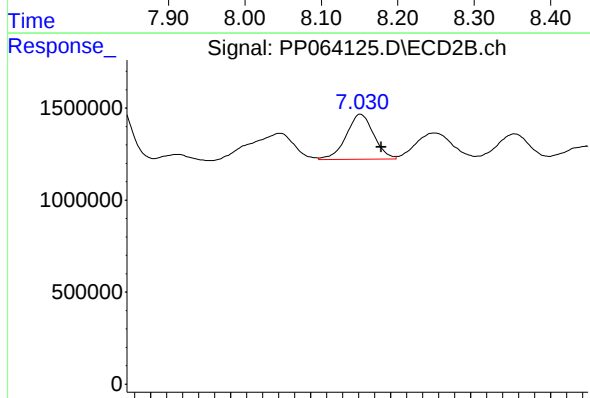
R.T.: 6.559 min  
Delta R.T.: -0.010 min  
Response: 2735242  
Conc: 17.02 ng/ml



#34 AR-1260-4

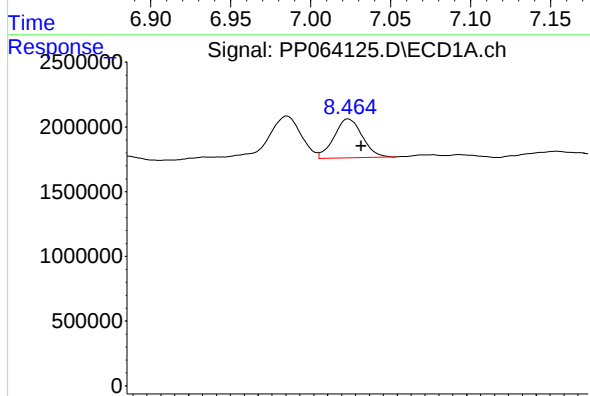
R.T.: 8.133 min  
Delta R.T.: -0.011 min  
Response: 6795187  
Conc: 56.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



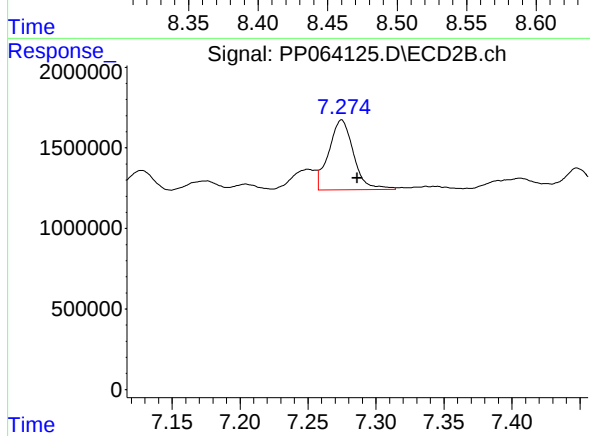
#34 AR-1260-4

R.T.: 7.031 min  
Delta R.T.: -0.013 min  
Response: 2952667  
Conc: 24.22 ng/ml



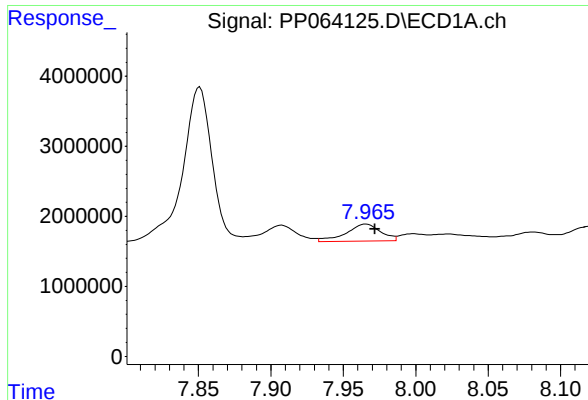
#35 AR-1260-5

R.T.: 8.465 min  
Delta R.T.: -0.009 min  
Response: 4250882  
Conc: 20.48 ng/ml



#35 AR-1260-5

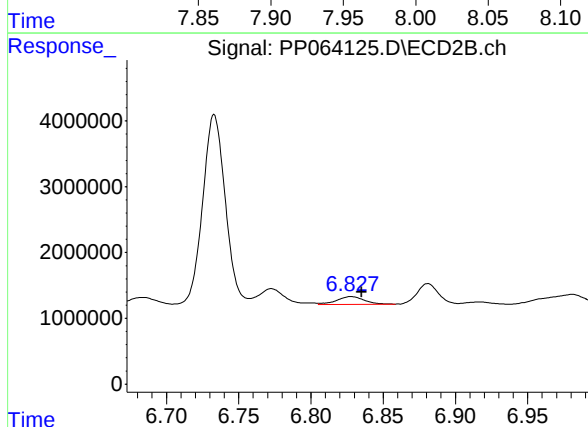
R.T.: 7.275 min  
Delta R.T.: -0.012 min  
Response: 5491927  
Conc: 20.58 ng/ml



#36 AR-1262-1

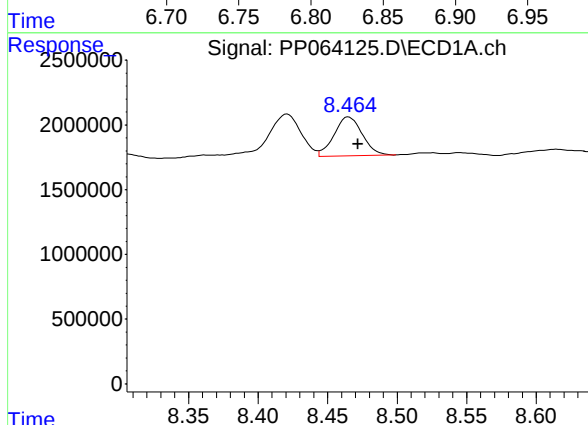
R.T.: 7.966 min  
Delta R.T.: -0.006 min  
Response: 4040062  
Conc: 69.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



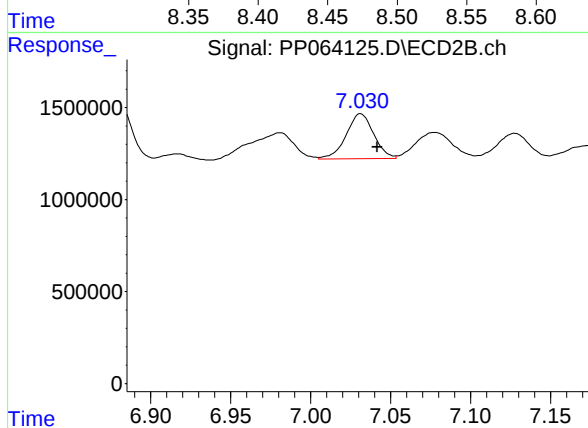
#36 AR-1262-1

R.T.: 6.828 min  
Delta R.T.: -0.007 min  
Response: 1607683  
Conc: 23.81 ng/ml



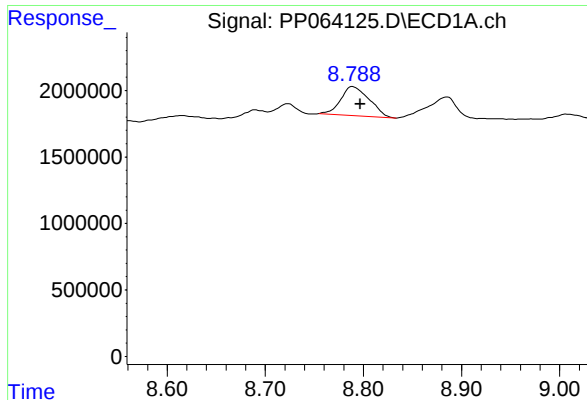
#37 AR-1262-2

R.T.: 8.465 min  
Delta R.T.: -0.007 min  
Response: 4250882  
Conc: 20.65 ng/ml



#37 AR-1262-2

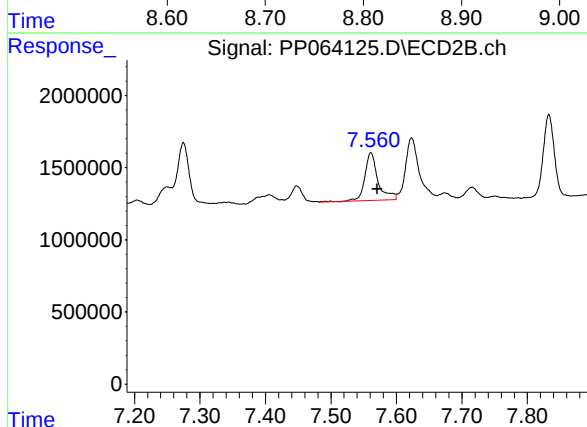
R.T.: 7.031 min  
Delta R.T.: -0.010 min  
Response: 2952667  
Conc: 18.48 ng/ml



#38 AR-1262-3

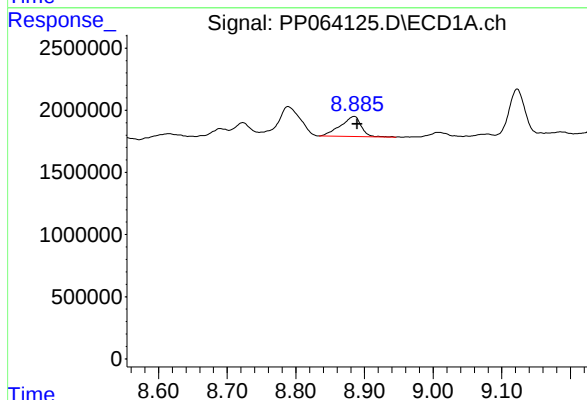
R.T.: 8.789 min  
Delta R.T.: -0.008 min  
Response: 4375862  
Conc: 26.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



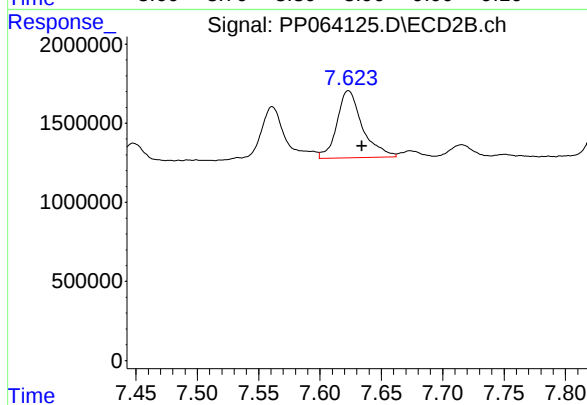
#38 AR-1262-3

R.T.: 7.561 min  
Delta R.T.: -0.010 min  
Response: 4627066  
Conc: 35.80 ng/ml



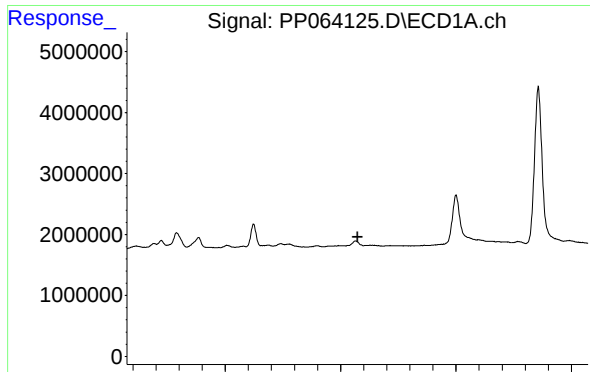
#39 AR-1262-4

R.T.: 8.885 min  
Delta R.T.: -0.004 min  
Response: 3379286  
Conc: 25.45 ng/ml



#39 AR-1262-4

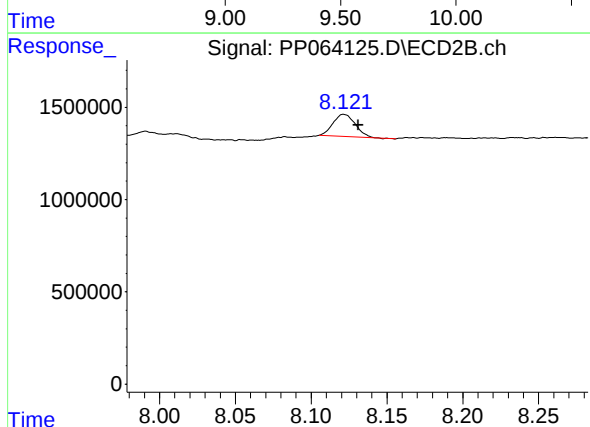
R.T.: 7.623 min  
Delta R.T.: -0.011 min  
Response: 6135135  
Conc: 28.70 ng/ml



#40 AR-1262-5

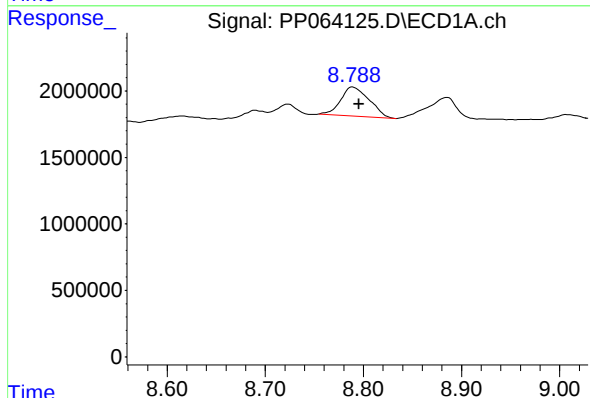
R.T.: 0.000 min  
Exp R.T.: 9.573 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



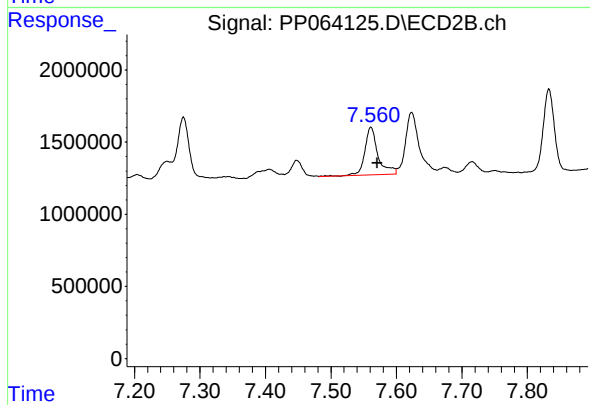
#40 AR-1262-5

R.T.: 8.122 min  
Delta R.T.: -0.009 min  
Response: 1239648  
Conc: 14.47 ng/ml



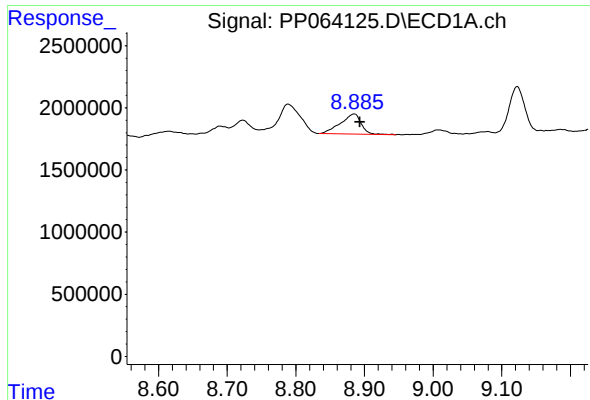
#41 AR-1268-1

R.T.: 8.789 min  
Delta R.T.: -0.006 min  
Response: 4375862  
Conc: 14.04 ng/ml



#41 AR-1268-1

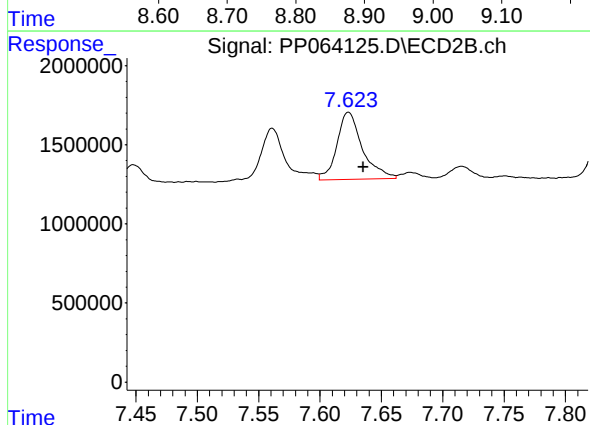
R.T.: 7.561 min  
Delta R.T.: -0.010 min  
Response: 4627066  
Conc: 12.41 ng/ml



#42 AR-1268-2

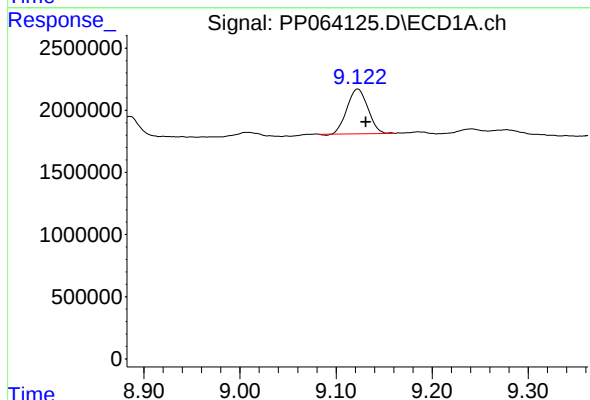
R.T.: 8.885 min  
Delta R.T.: -0.009 min  
Response: 3379286  
Conc: 11.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



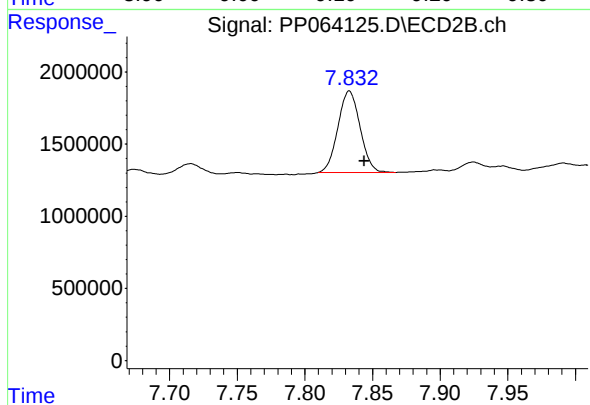
#42 AR-1268-2

R.T.: 7.623 min  
Delta R.T.: -0.012 min  
Response: 6135135  
Conc: 17.85 ng/ml



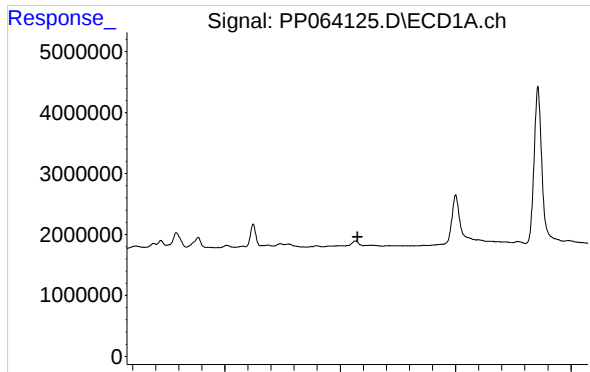
#43 AR-1268-3

R.T.: 9.123 min  
Delta R.T.: -0.009 min  
Response: 5376781  
Conc: 21.48 ng/ml



#43 AR-1268-3

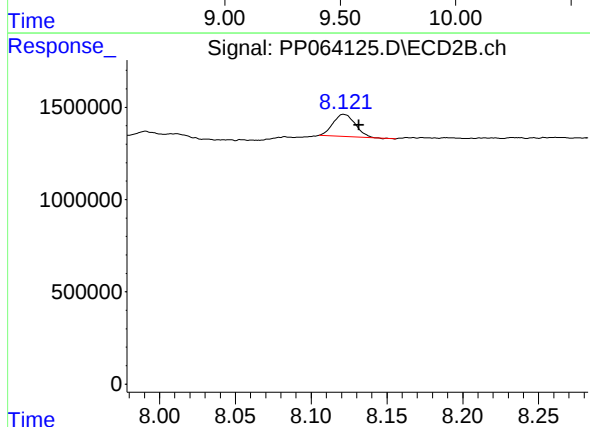
R.T.: 7.833 min  
Delta R.T.: -0.011 min  
Response: 6455917  
Conc: 21.49 ng/ml



#44 AR-1268-4

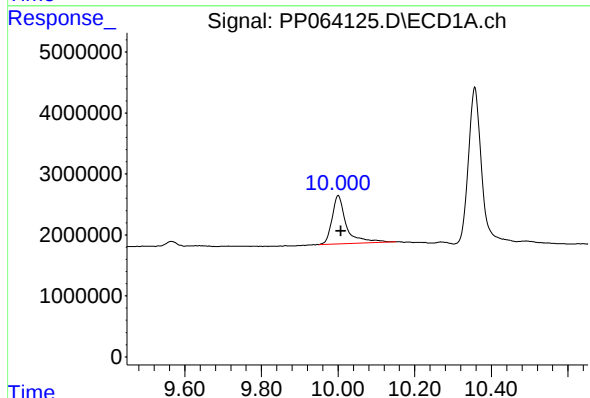
R.T.: 0.000 min  
Exp R.T.: 9.575 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TP3



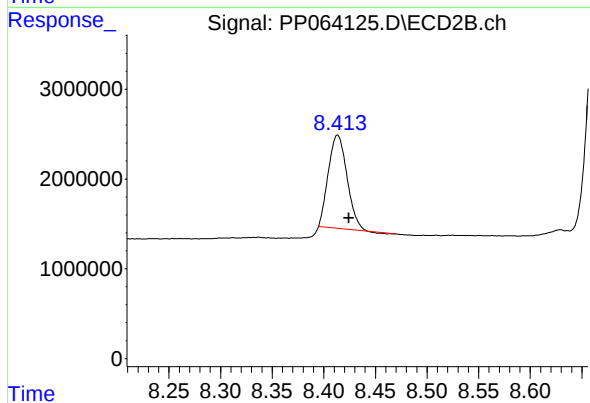
#44 AR-1268-4

R.T.: 8.122 min  
Delta R.T.: -0.010 min  
Response: 1239648  
Conc: 11.27 ng/ml



#45 AR-1268-5

R.T.: 10.000 min  
Delta R.T.: -0.007 min  
Response: 20617589  
Conc: 26.08 ng/ml



#45 AR-1268-5

R.T.: 8.413 min  
Delta R.T.: -0.011 min  
Response: 12995998  
Conc: 15.68 ng/ml