

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP111021\  
 Data File : PP040908.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Nov 2021 16:21  
 Operator : AJ\MA  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 10 17:07:03 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Nov 04 11:28:51 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... | 4.761  | 3.765 | 1087099 | 1361807 | 53.661   | 56.746     |
| 2)                          | SA Decachlor... | 10.666 | 9.031 | 1006158 | 788107  | 47.244   | 45.130     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.076  | 5.014 | 9079    | 10632   | 12.931   | 15.210     |
| 4)                          | L1 AR-1016-2    | 6.105  | 5.032 | 11808   | 9170    | 11.071   | 8.914      |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.277 | 0       | 239221  | N.D.     | 526.707 #  |
| 7)                          | L1 AR-1016-5    | 6.586  | 5.503 | 127804  | 133721  | 235.499  | 239.114    |
| 9)                          | L2 AR-1221-2    | 5.149f | 4.113 | 10039   | 18220   | 66.514   | 86.607 #   |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.207 | 0       | 22680   | N.D.     | 34.550 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.207 | 0       | 22680   | N.D.     | 42.023 #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.032 | 0       | 9170    | N.D.     | 21.559 #   |
| 13)                         | L3 AR-1232-3    | 6.105f | 0.000 | 11808   | 0       | 27.482   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.319 | 0       | 71304   | N.D.     | 359.346 #  |
| 15)                         | L3 AR-1232-5    | 6.370f | 5.503 | 216796  | 133721  | 1515.472 | 630.980 #  |
| 16)                         | L4 AR-1242-1    | 6.076  | 5.014 | 9079    | 10632   | 17.026   | 19.719     |
| 17)                         | L4 AR-1242-2    | 6.105  | 5.032 | 11808   | 9170    | 14.605   | 11.559     |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.319 | 0       | 71304   | N.D.     | 172.431 #  |
| 20)                         | L4 AR-1242-5    | 7.056  | 5.883 | 115149  | 509220  | 251.761  | 1105.596 # |
| 21)                         | L5 AR-1248-1    | 6.076  | 5.014 | 9079    | 10632   | 23.115   | 26.726     |
| 22)                         | L5 AR-1248-2    | 6.370  | 5.277 | 216796  | 239221  | 383.406  | 412.378    |
| 23)                         | L5 AR-1248-3    | 6.586  | 5.319 | 127804  | 71304   | 182.261  | 118.216 #  |
| 24)                         | L5 AR-1248-4    | 7.015  | 5.503 | 196713  | 133721  | 249.024  | 194.494    |
| 25)                         | L5 AR-1248-5    | 7.056  | 5.925 | 115149  | 67848   | 147.463  | 107.420 #  |
| 26)                         | L6 AR-1254-1    | 6.983  | 5.883 | 390170  | 509220  | 505.388  | 523.498    |
| 27)                         | L6 AR-1254-2    | 7.213  | 6.043 | 607378  | 431752  | 489.298  | 514.448    |
| 28)                         | L6 AR-1254-3    | 7.593  | 6.462 | 645465  | 652502  | 479.441  | 516.661    |
| 29)                         | L6 AR-1254-4    | 7.889  | 6.702 | 470939  | 382188  | 482.672  | 513.659    |
| 30)                         | L6 AR-1254-5    | 8.317  | 7.131 | 515016  | 531973  | 474.697  | 495.380    |
| 31)                         | L7 AR-1260-1    | 7.759  | 6.600 | 247556  | 326895  | 254.933  | 376.735 #  |
| 32)                         | L7 AR-1260-2    | 8.025  | 6.798 | 286657  | 255558  | 247.605  | 253.975    |
| 33)                         | L7 AR-1260-3    | 8.378f | 6.948 | 64081   | 255449  | 72.573   | 270.634 #  |
| 34)                         | L7 AR-1260-4    | 8.612  | 7.434 | 208574  | 26188   | 197.402  | 33.354 #   |
| 35)                         | L7 AR-1260-5    | 8.934  | 7.684 | 68336   | 45512   | 32.729   | 25.618     |
| 36)                         | L8 AR-1262-1    | 8.378  | 7.131 | 64081   | 531973  | 51.141   | 923.132 #  |
| 37)                         | L8 AR-1262-2    | 8.908  | 7.684 | 14365   | 45512   | 6.322    | 25.560 #   |
| 39)                         | L8 AR-1262-4    | 9.302  | 8.030 | 12480   | 60019   | 21.283   | 42.824 #   |
| 41)                         | L9 AR-1268-1    | 9.253f | 0.000 | 55930   | 0       | 20.517   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 9.302f | 8.030 | 12480   | 60019   | 4.767    | 30.111 #   |
| -----                       |                 |        |       |         |         |          |            |

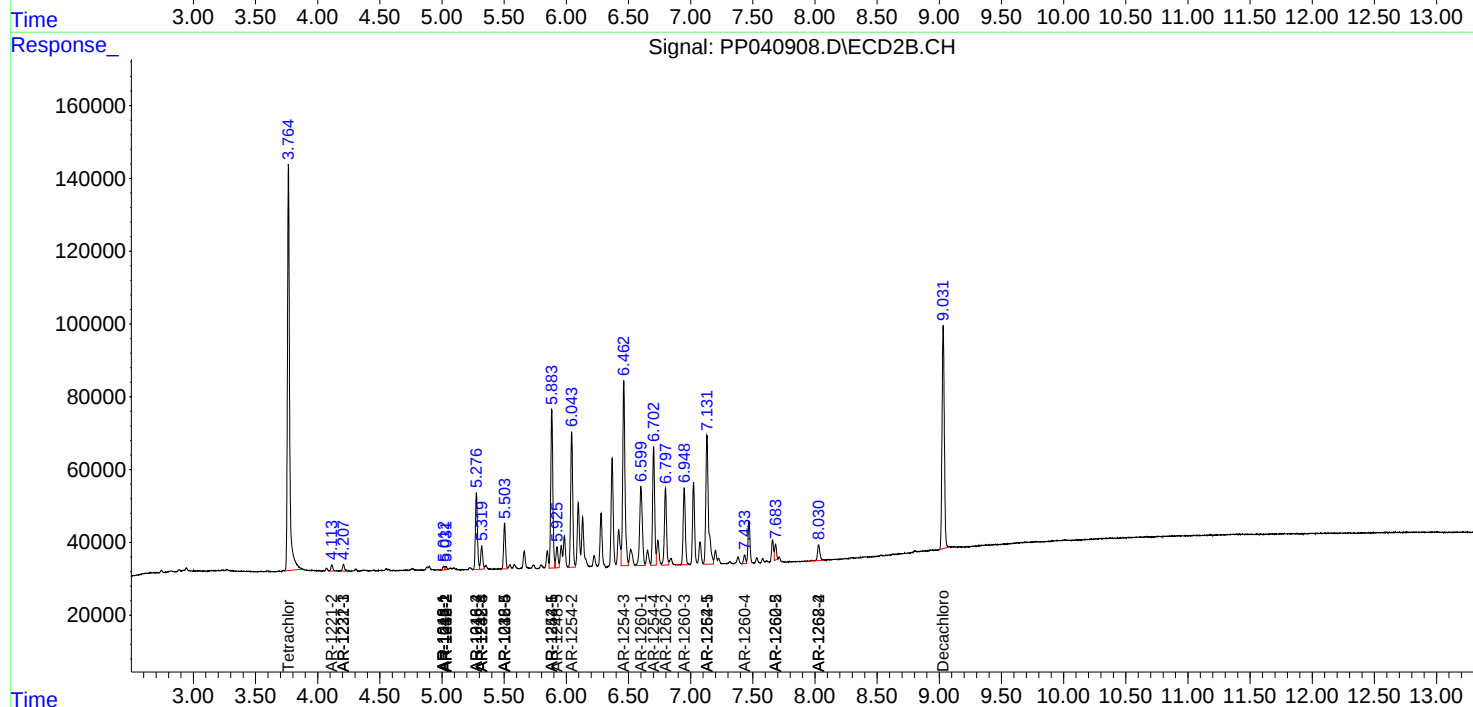
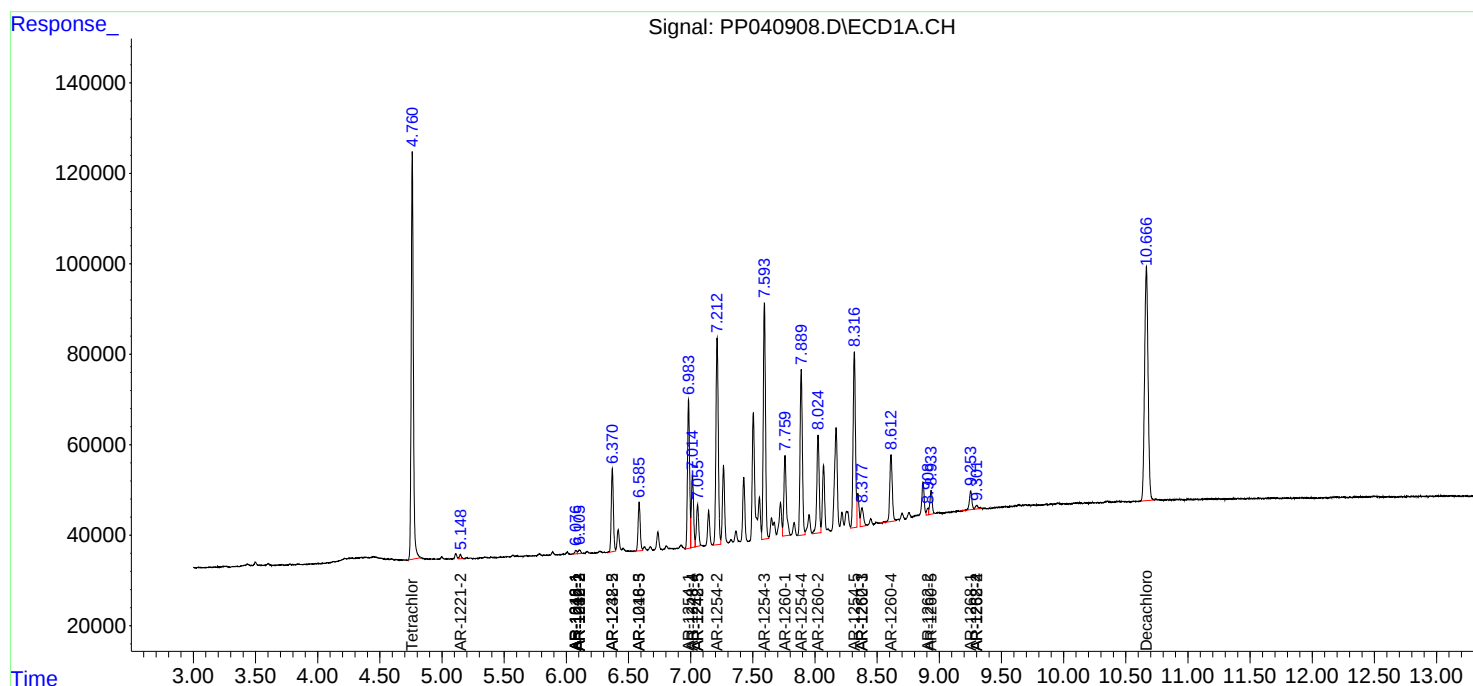
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

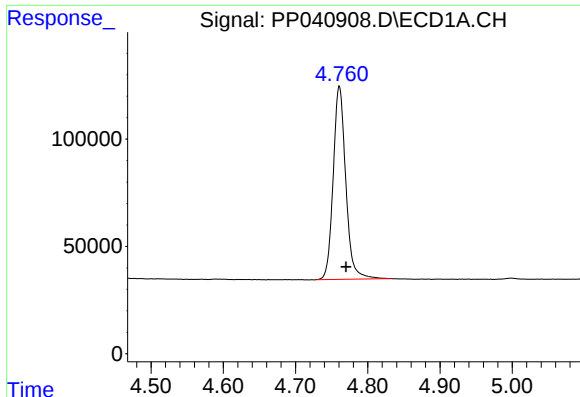
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP111021\  
Data File : PP040908.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Nov 2021 16:21  
Operator : AJ\MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 10 17:07:03 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Nov 04 11:28:51 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

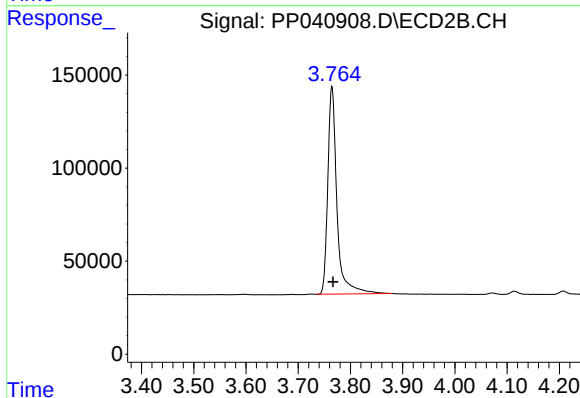




#1 Tetrachloro-m-xylene

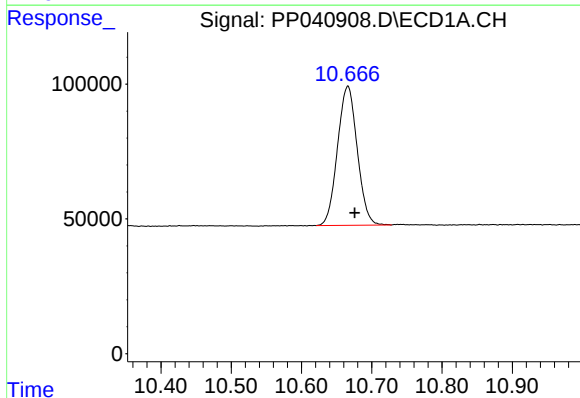
R.T.: 4.761 min  
Delta R.T.: -0.009 min  
Response: 1087099  
Conc: 53.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



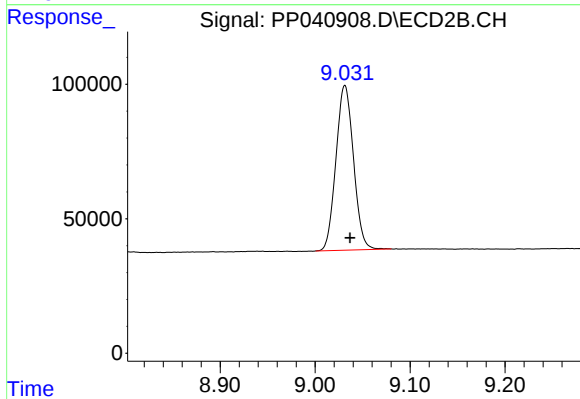
#1 Tetrachloro-m-xylene

R.T.: 3.765 min  
Delta R.T.: -0.003 min  
Response: 1361807  
Conc: 56.75 ng/ml



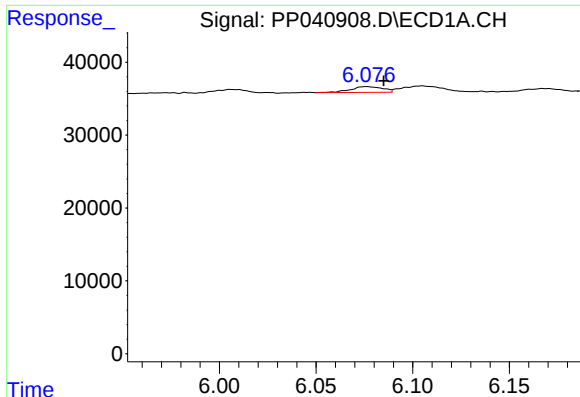
#2 Decachlorobiphenyl

R.T.: 10.666 min  
Delta R.T.: -0.010 min  
Response: 1006158  
Conc: 47.24 ng/ml



#2 Decachlorobiphenyl

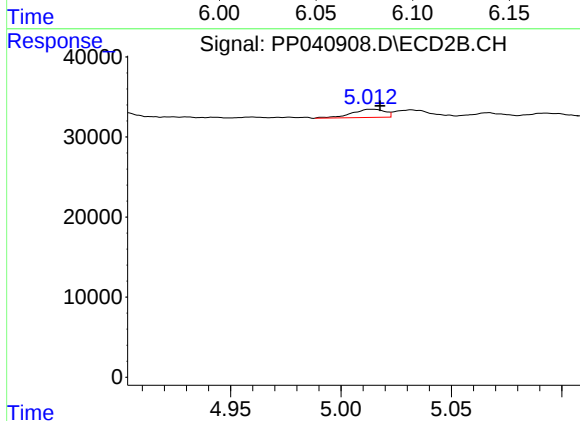
R.T.: 9.031 min  
Delta R.T.: -0.005 min  
Response: 788107  
Conc: 45.13 ng/ml



#3 AR-1016-1

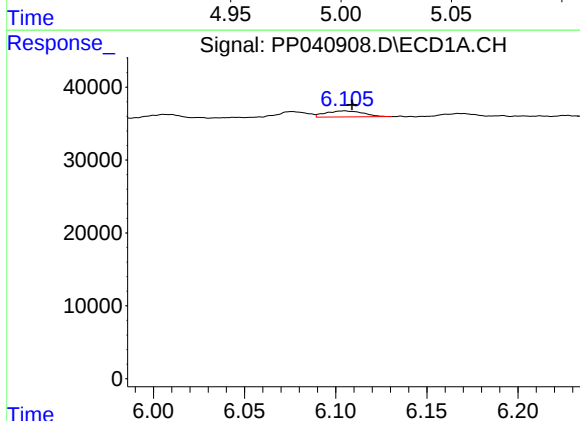
R.T.: 6.076 min  
Delta R.T.: -0.009 min  
Response: 9079  
Conc: 12.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



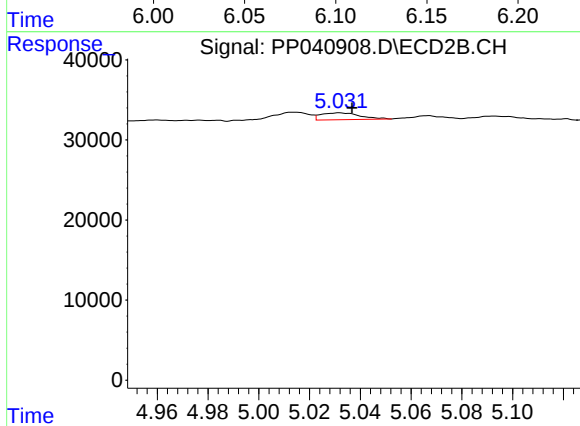
#3 AR-1016-1

R.T.: 5.014 min  
Delta R.T.: -0.004 min  
Response: 10632  
Conc: 15.21 ng/ml



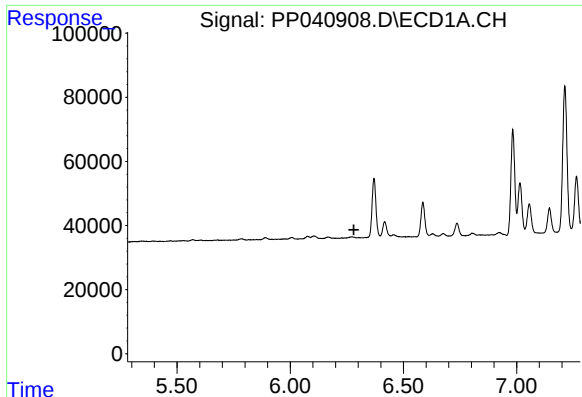
#4 AR-1016-2

R.T.: 6.105 min  
Delta R.T.: -0.004 min  
Response: 11808  
Conc: 11.07 ng/ml



#4 AR-1016-2

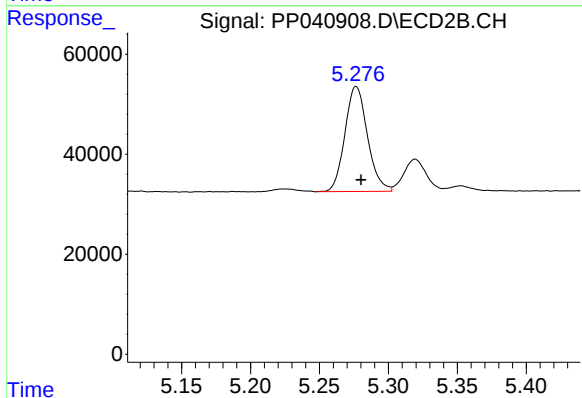
R.T.: 5.032 min  
Delta R.T.: -0.005 min  
Response: 9170  
Conc: 8.91 ng/ml



#6 AR-1016-4

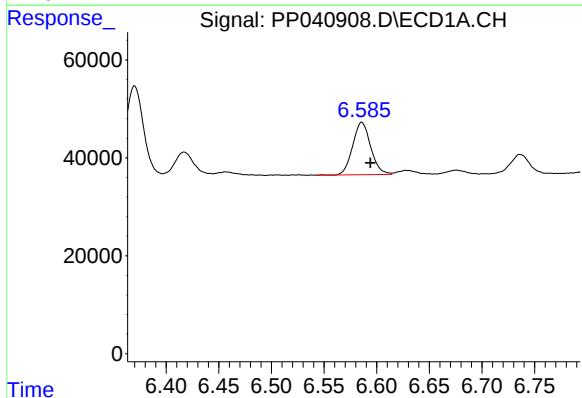
R.T.: 0.000 min  
Exp R.T.: 6.281 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



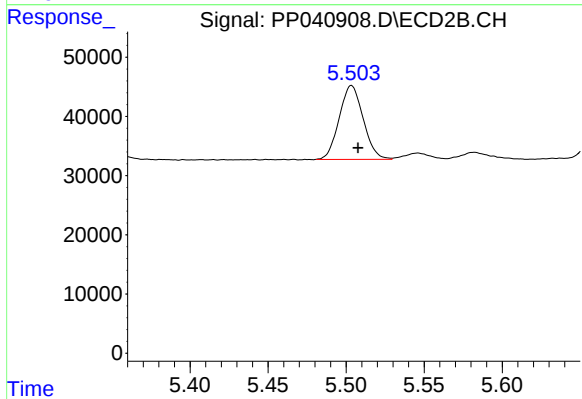
#6 AR-1016-4

R.T.: 5.277 min  
Delta R.T.: -0.004 min  
Response: 239221  
Conc: 526.71 ng/ml



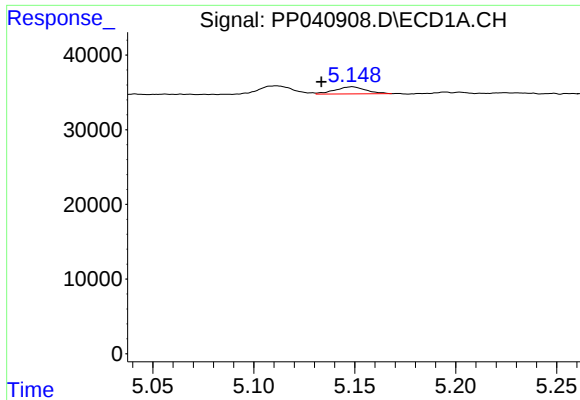
#7 AR-1016-5

R.T.: 6.586 min  
Delta R.T.: -0.008 min  
Response: 127804  
Conc: 235.50 ng/ml



#7 AR-1016-5

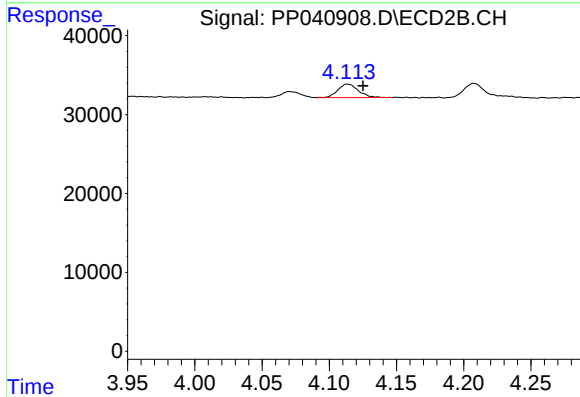
R.T.: 5.503 min  
Delta R.T.: -0.004 min  
Response: 133721  
Conc: 239.11 ng/ml



#9 AR-1221-2

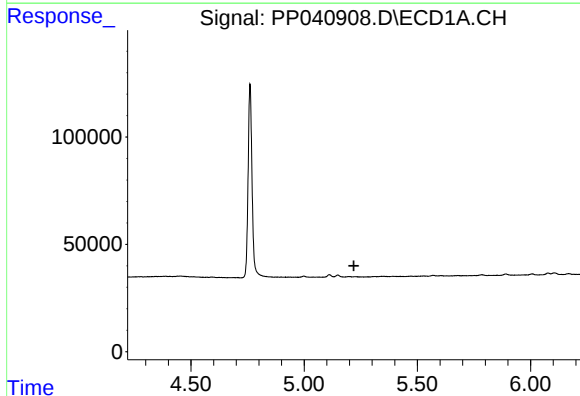
R.T.: 5.149 min  
Delta R.T.: 0.016 min  
Response: 10039  
Conc: 66.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



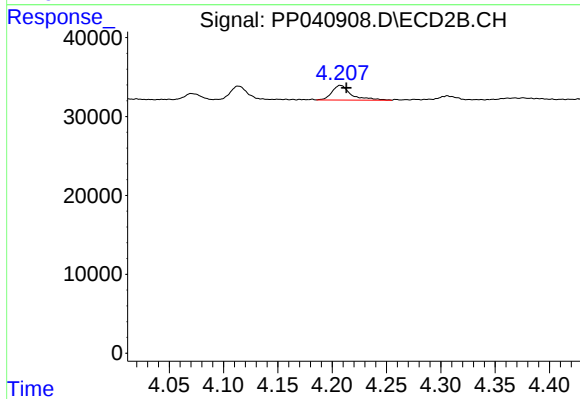
#9 AR-1221-2

R.T.: 4.113 min  
Delta R.T.: -0.012 min  
Response: 18220  
Conc: 86.61 ng/ml



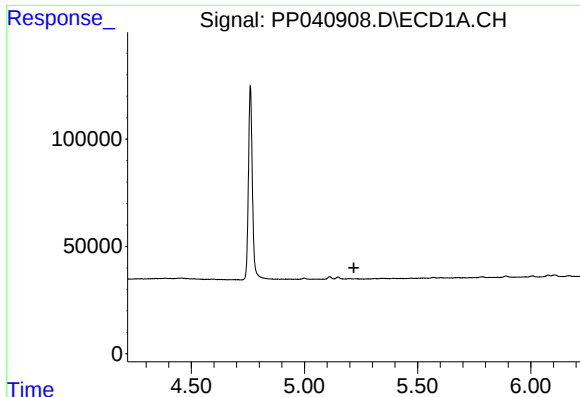
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.220 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

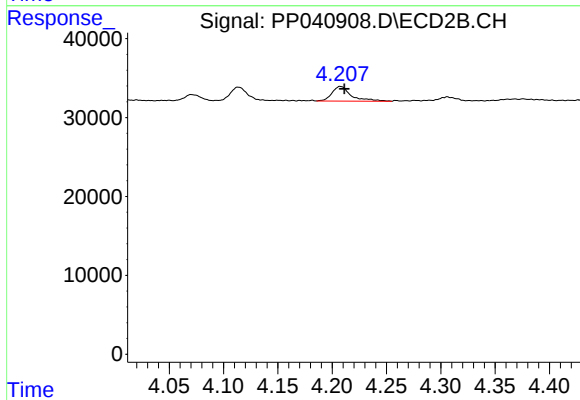
R.T.: 4.207 min  
Delta R.T.: -0.006 min  
Response: 22680  
Conc: 34.55 ng/ml



#11 AR-1232-1

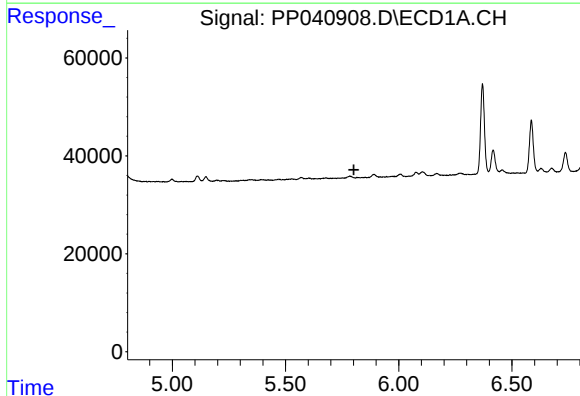
R.T.: 0.000 min  
Exp R.T.: 5.218 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



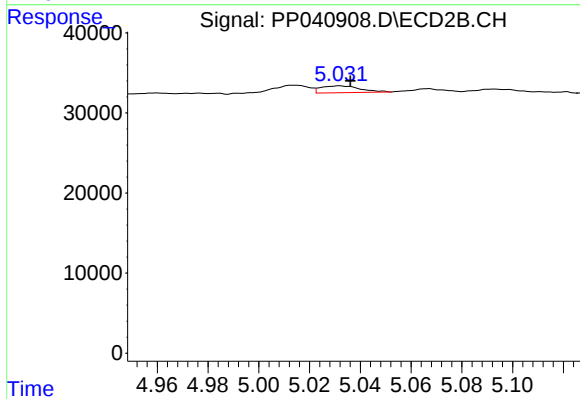
#11 AR-1232-1

R.T.: 4.207 min  
Delta R.T.: -0.004 min  
Response: 22680  
Conc: 42.02 ng/ml



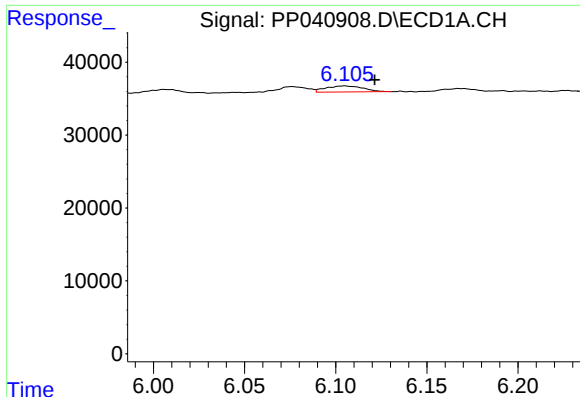
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.802 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

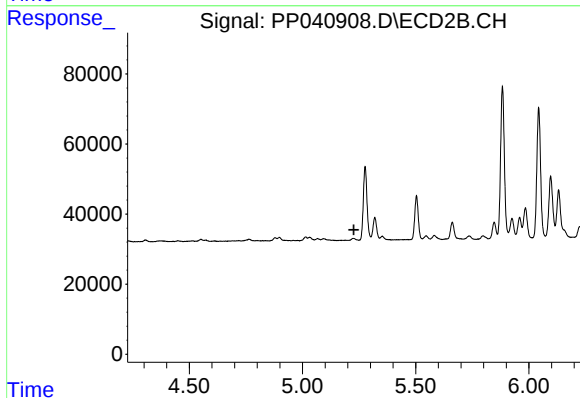
R.T.: 5.032 min  
Delta R.T.: -0.004 min  
Response: 9170  
Conc: 21.56 ng/ml



#13 AR-1232-3

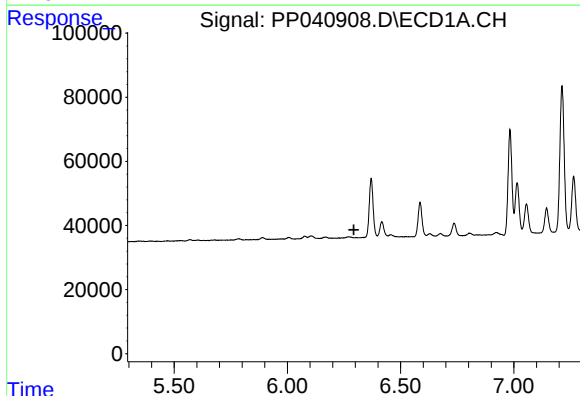
R.T.: 6.105 min  
Delta R.T.: -0.016 min  
Response: 11808  
Conc: 27.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



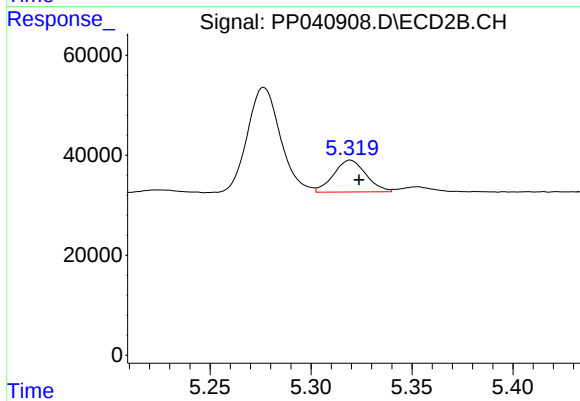
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.227 min  
Response: 0  
Conc: N.D.



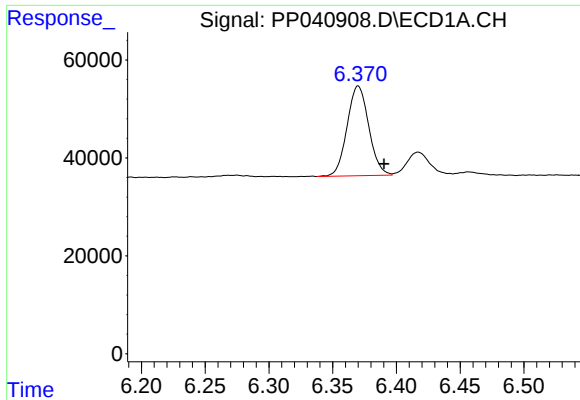
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.294 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

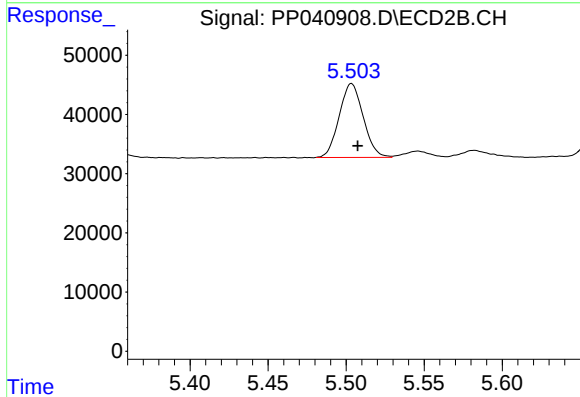
R.T.: 5.319 min  
Delta R.T.: -0.004 min  
Response: 71304  
Conc: 359.35 ng/ml



#15 AR-1232-5

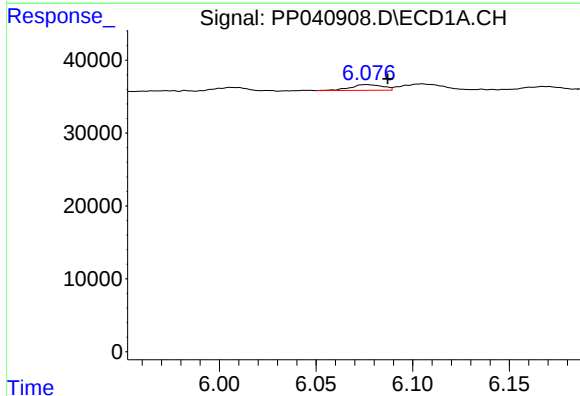
R.T.: 6.370 min  
Delta R.T.: -0.020 min  
Response: 216796  
Conc: 1515.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



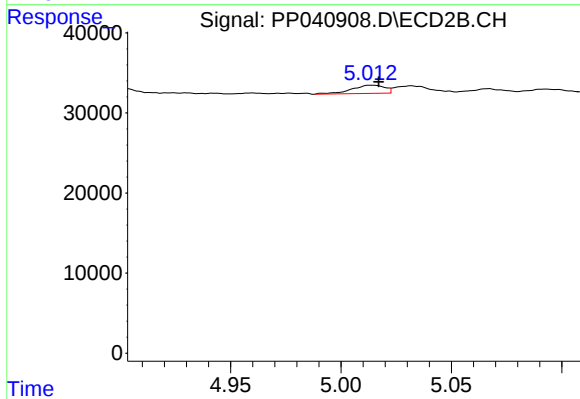
#15 AR-1232-5

R.T.: 5.503 min  
Delta R.T.: -0.004 min  
Response: 133721  
Conc: 630.98 ng/ml



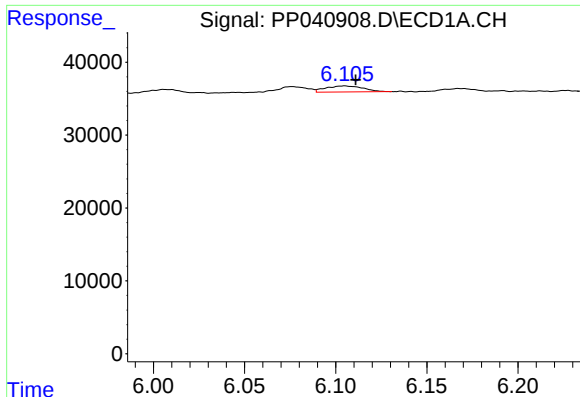
#16 AR-1242-1

R.T.: 6.076 min  
Delta R.T.: -0.011 min  
Response: 9079  
Conc: 17.03 ng/ml



#16 AR-1242-1

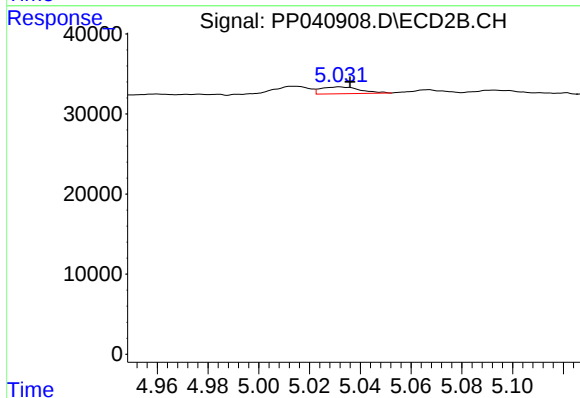
R.T.: 5.014 min  
Delta R.T.: -0.003 min  
Response: 10632  
Conc: 19.72 ng/ml



#17 AR-1242-2

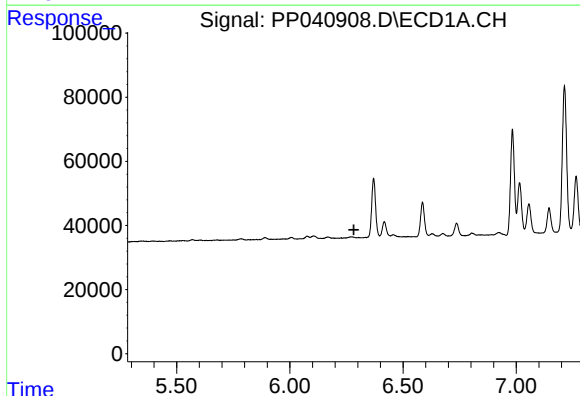
R.T.: 6.105 min  
Delta R.T.: -0.006 min  
Response: 11808  
Conc: 14.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



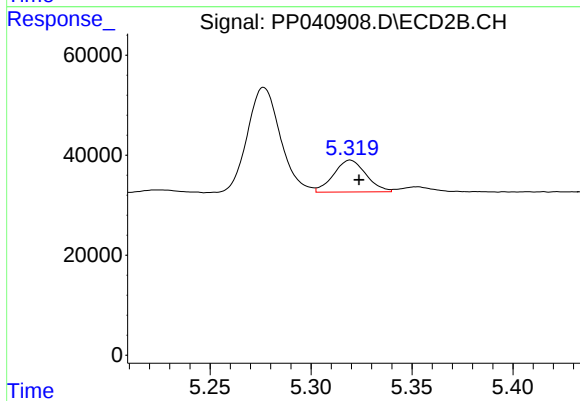
#17 AR-1242-2

R.T.: 5.032 min  
Delta R.T.: -0.004 min  
Response: 9170  
Conc: 11.56 ng/ml



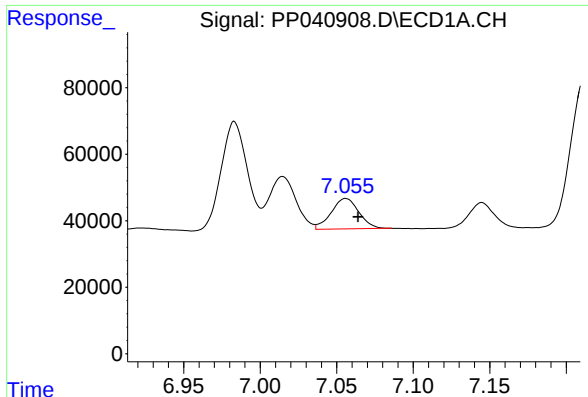
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.283 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

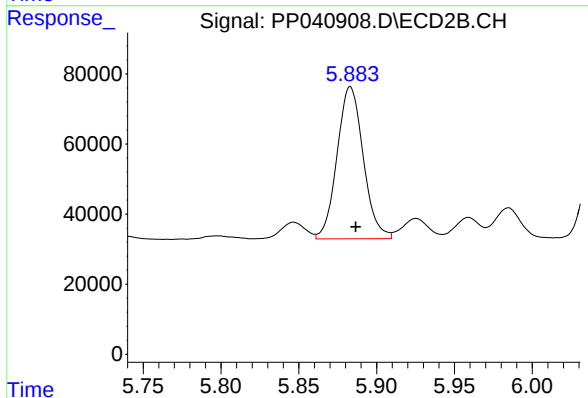
R.T.: 5.319 min  
Delta R.T.: -0.004 min  
Response: 71304  
Conc: 172.43 ng/ml



#20 AR-1242-5

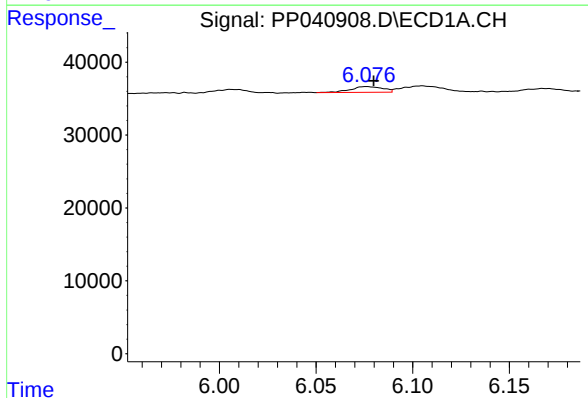
R.T.: 7.056 min  
Delta R.T.: -0.008 min  
Response: 115149  
Conc: 251.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



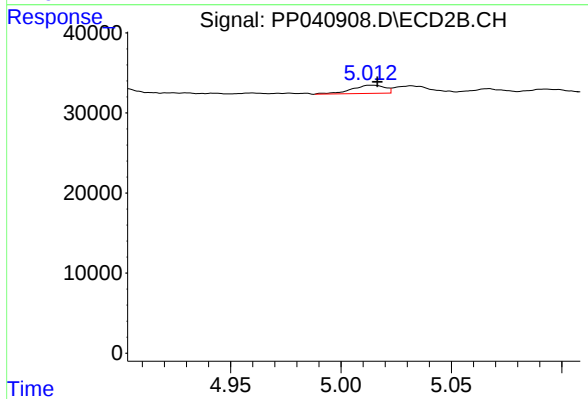
#20 AR-1242-5

R.T.: 5.883 min  
Delta R.T.: -0.004 min  
Response: 509220  
Conc: 1105.60 ng/ml



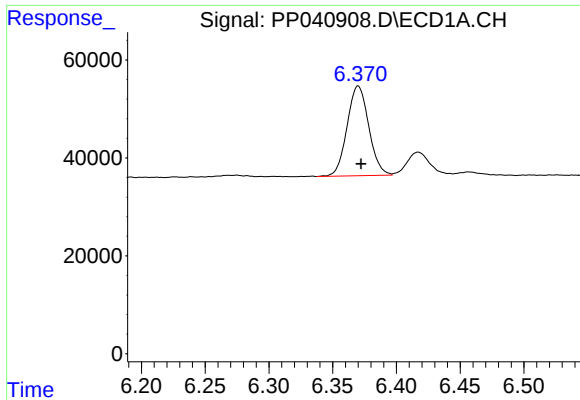
#21 AR-1248-1

R.T.: 6.076 min  
Delta R.T.: -0.004 min  
Response: 9079  
Conc: 23.11 ng/ml



#21 AR-1248-1

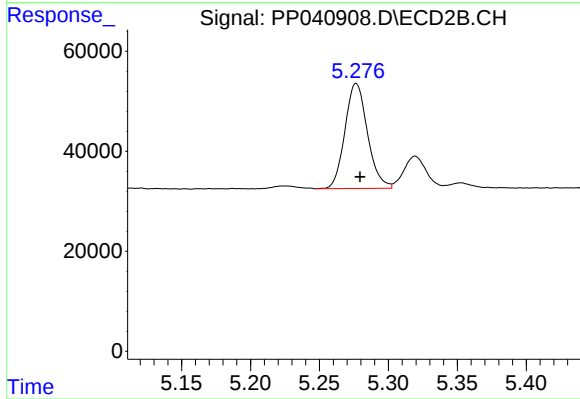
R.T.: 5.014 min  
Delta R.T.: -0.003 min  
Response: 10632  
Conc: 26.73 ng/ml



#22 AR-1248-2

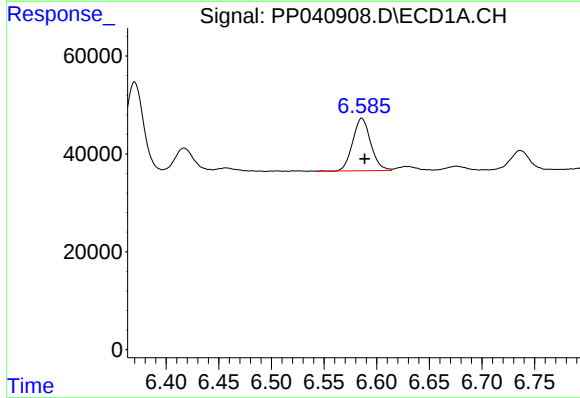
R.T.: 6.370 min  
Delta R.T.: -0.002 min  
Response: 216796  
Conc: 383.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



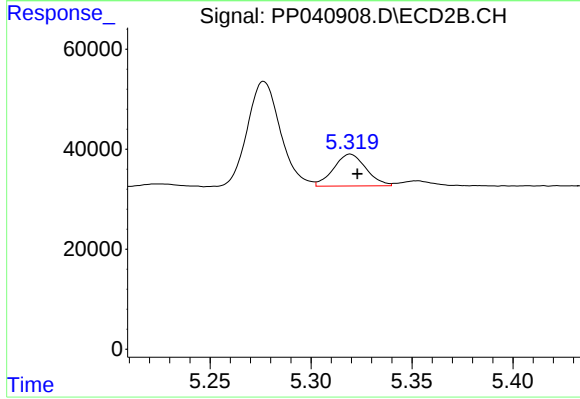
#22 AR-1248-2

R.T.: 5.277 min  
Delta R.T.: -0.003 min  
Response: 239221  
Conc: 412.38 ng/ml



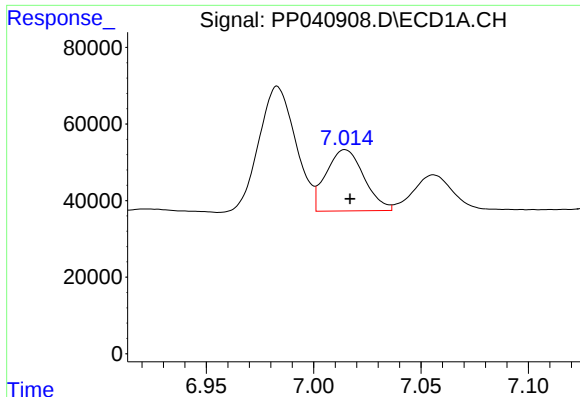
#23 AR-1248-3

R.T.: 6.586 min  
Delta R.T.: -0.003 min  
Response: 127804  
Conc: 182.26 ng/ml



#23 AR-1248-3

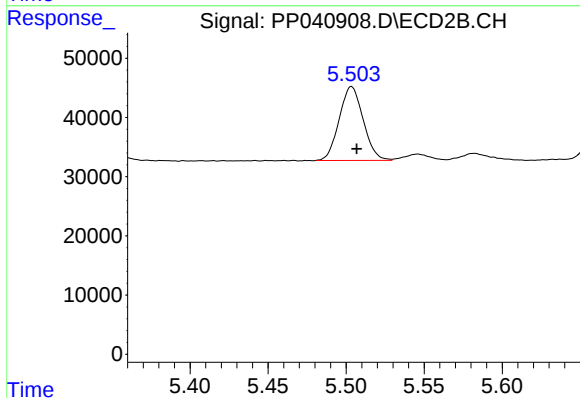
R.T.: 5.319 min  
Delta R.T.: -0.003 min  
Response: 71304  
Conc: 118.22 ng/ml



#24 AR-1248-4

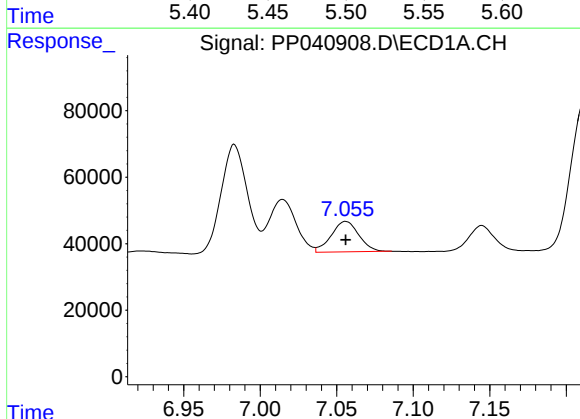
R.T.: 7.015 min  
Delta R.T.: -0.002 min  
Response: 196713  
Conc: 249.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



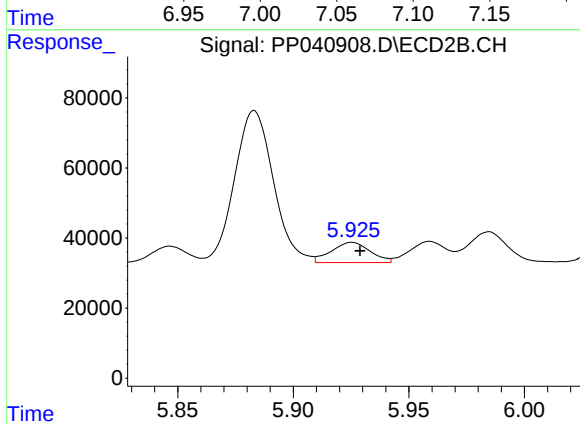
#24 AR-1248-4

R.T.: 5.503 min  
Delta R.T.: -0.003 min  
Response: 133721  
Conc: 194.49 ng/ml



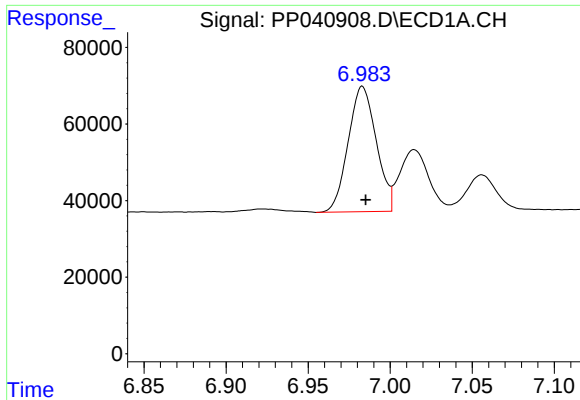
#25 AR-1248-5

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 115149  
Conc: 147.46 ng/ml



#25 AR-1248-5

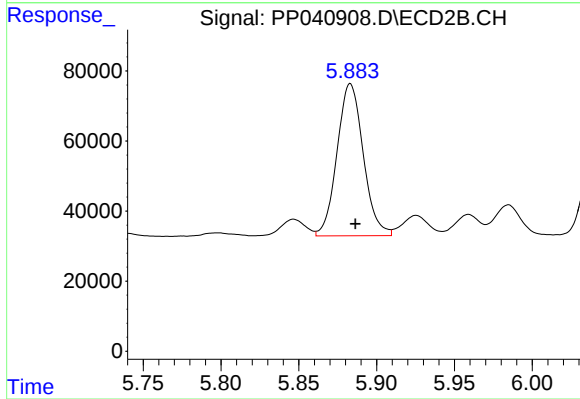
R.T.: 5.925 min  
Delta R.T.: -0.003 min  
Response: 67848  
Conc: 107.42 ng/ml



#26 AR-1254-1

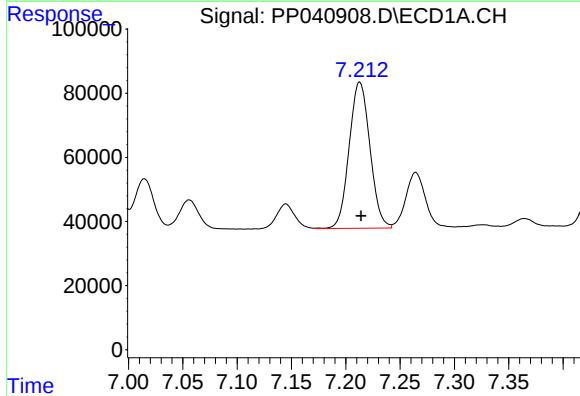
R.T.: 6.983 min  
Delta R.T.: -0.002 min  
Response: 390170  
Conc: 505.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



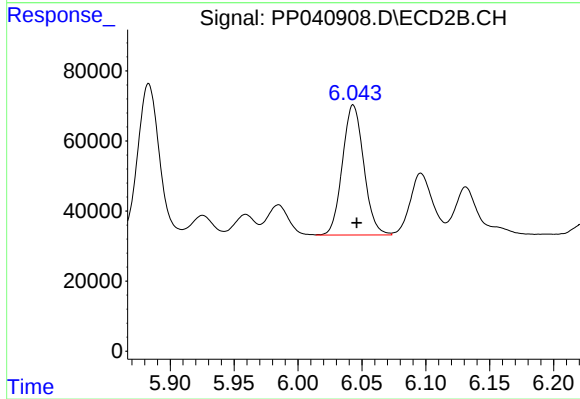
#26 AR-1254-1

R.T.: 5.883 min  
Delta R.T.: -0.003 min  
Response: 509220  
Conc: 523.50 ng/ml



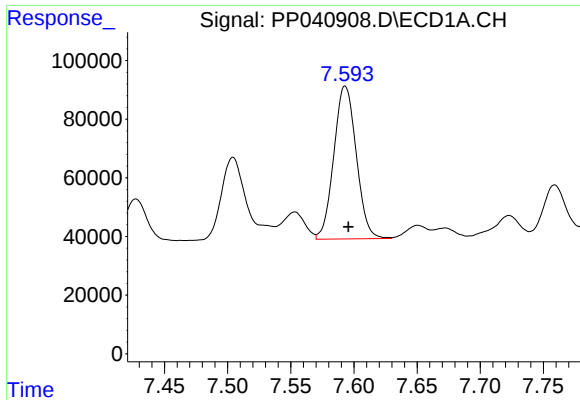
#27 AR-1254-2

R.T.: 7.213 min  
Delta R.T.: -0.001 min  
Response: 607378  
Conc: 489.30 ng/ml



#27 AR-1254-2

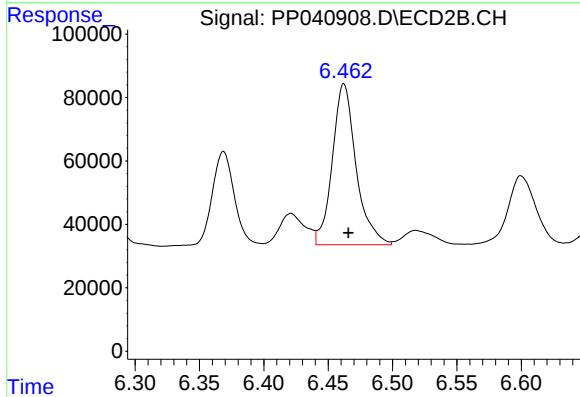
R.T.: 6.043 min  
Delta R.T.: -0.003 min  
Response: 431752  
Conc: 514.45 ng/ml



#28 AR-1254-3

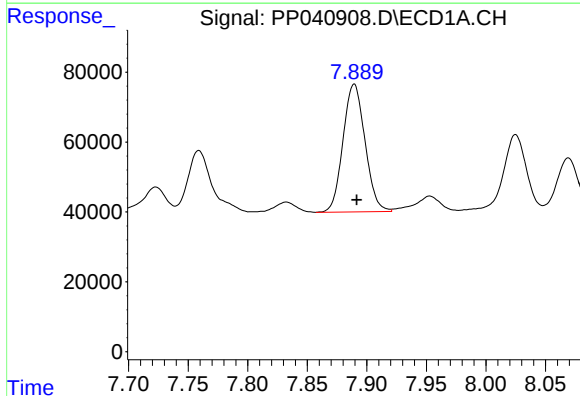
R.T.: 7.593 min  
Delta R.T.: -0.002 min  
Response: 645465  
Conc: 479.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



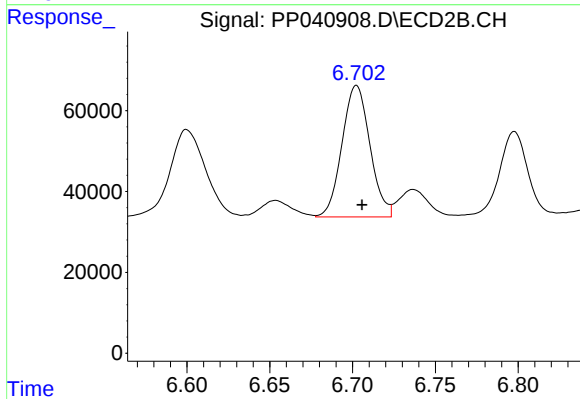
#28 AR-1254-3

R.T.: 6.462 min  
Delta R.T.: -0.003 min  
Response: 652502  
Conc: 516.66 ng/ml



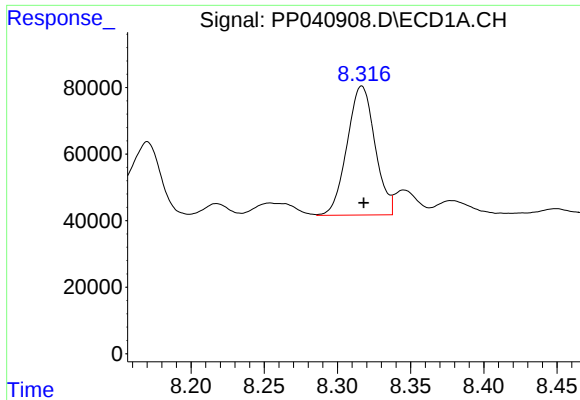
#29 AR-1254-4

R.T.: 7.889 min  
Delta R.T.: -0.002 min  
Response: 470939  
Conc: 482.67 ng/ml



#29 AR-1254-4

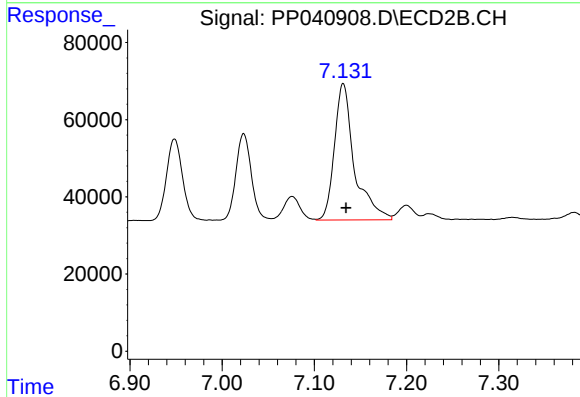
R.T.: 6.702 min  
Delta R.T.: -0.003 min  
Response: 382188  
Conc: 513.66 ng/ml



#30 AR-1254-5

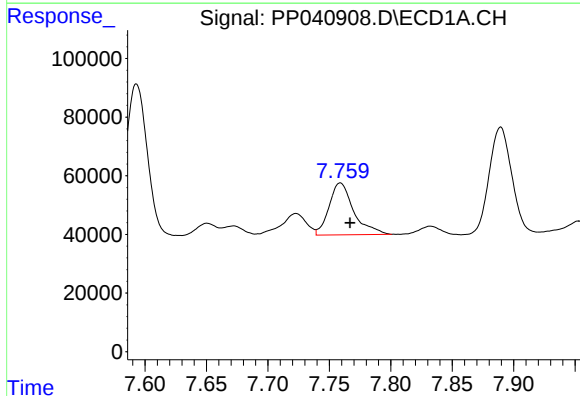
R.T.: 8.317 min  
Delta R.T.: -0.001 min  
Response: 515016  
Conc: 474.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



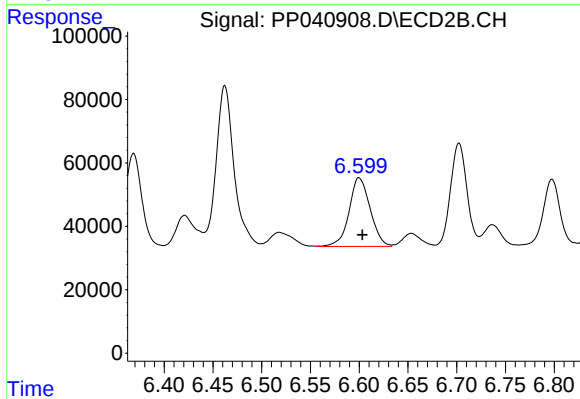
#30 AR-1254-5

R.T.: 7.131 min  
Delta R.T.: -0.003 min  
Response: 531973  
Conc: 495.38 ng/ml



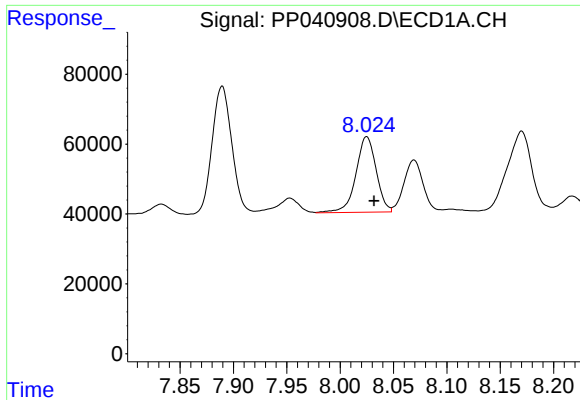
#31 AR-1260-1

R.T.: 7.759 min  
Delta R.T.: -0.008 min  
Response: 247556  
Conc: 254.93 ng/ml



#31 AR-1260-1

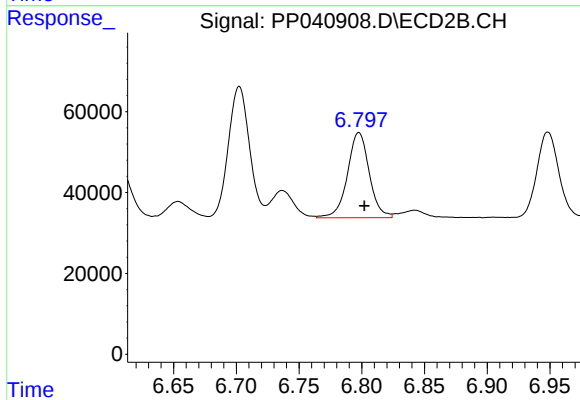
R.T.: 6.600 min  
Delta R.T.: -0.004 min  
Response: 326895  
Conc: 376.73 ng/ml



#32 AR-1260-2

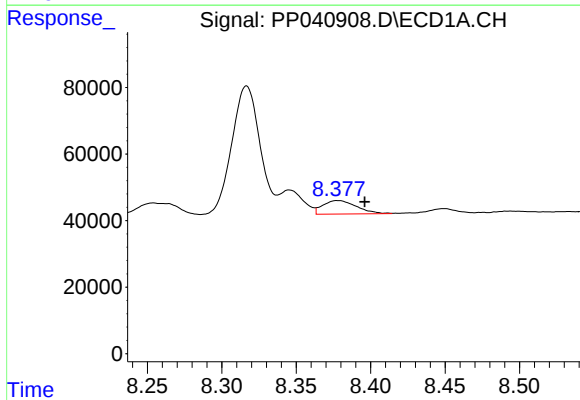
R.T.: 8.025 min  
Delta R.T.: -0.007 min  
Response: 286657  
Conc: 247.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



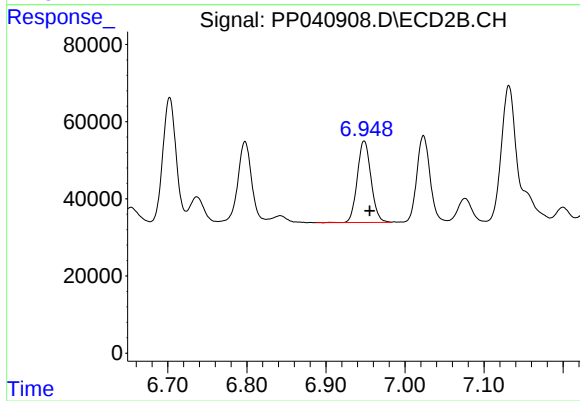
#32 AR-1260-2

R.T.: 6.798 min  
Delta R.T.: -0.004 min  
Response: 255558  
Conc: 253.98 ng/ml



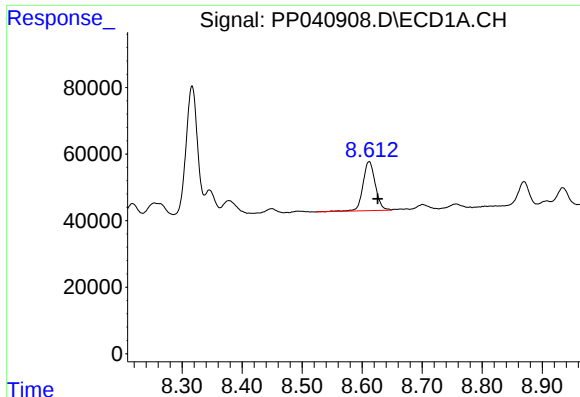
#33 AR-1260-3

R.T.: 8.378 min  
Delta R.T.: -0.018 min  
Response: 64081  
Conc: 72.57 ng/ml



#33 AR-1260-3

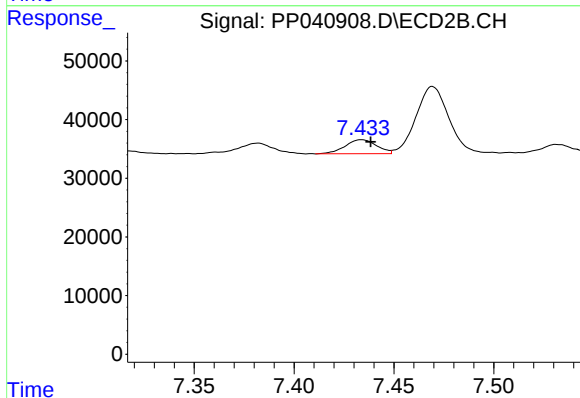
R.T.: 6.948 min  
Delta R.T.: -0.007 min  
Response: 255449  
Conc: 270.63 ng/ml



#34 AR-1260-4

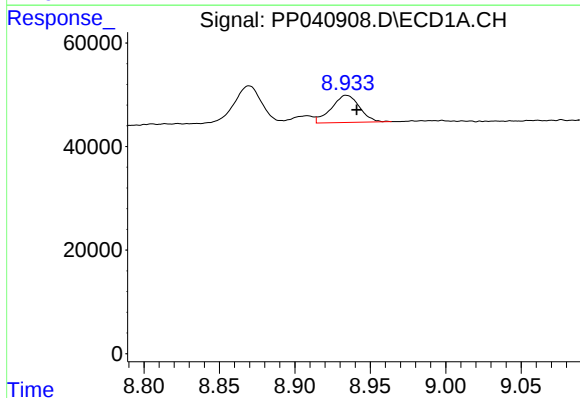
R.T.: 8.612 min  
Delta R.T.: -0.014 min  
Response: 208574  
Conc: 197.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



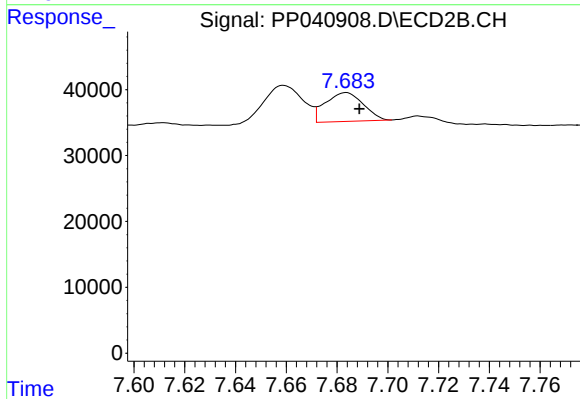
#34 AR-1260-4

R.T.: 7.434 min  
Delta R.T.: -0.005 min  
Response: 26188  
Conc: 33.35 ng/ml



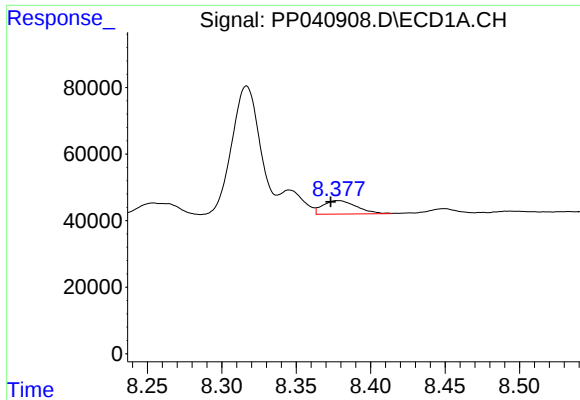
#35 AR-1260-5

R.T.: 8.934 min  
Delta R.T.: -0.007 min  
Response: 68336  
Conc: 32.73 ng/ml



#35 AR-1260-5

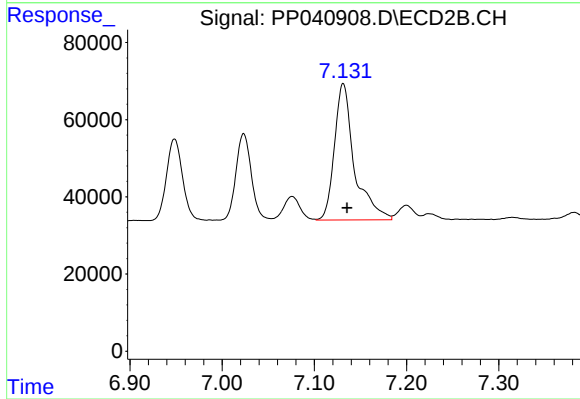
R.T.: 7.684 min  
Delta R.T.: -0.005 min  
Response: 45512  
Conc: 25.62 ng/ml



#36 AR-1262-1

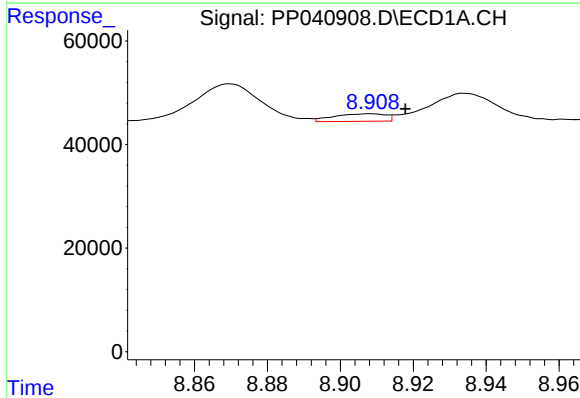
R.T.: 8.378 min  
Delta R.T.: 0.005 min  
Response: 64081  
Conc: 51.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



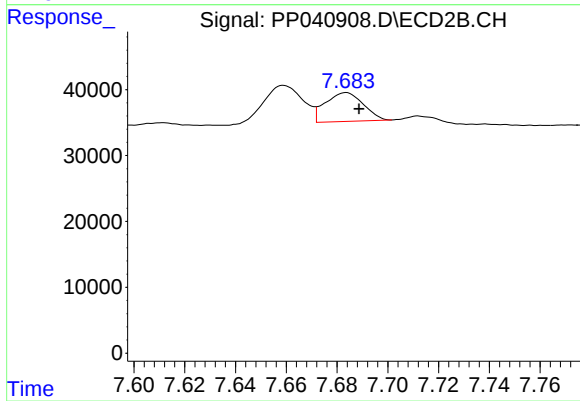
#36 AR-1262-1

R.T.: 7.131 min  
Delta R.T.: -0.004 min  
Response: 531973  
Conc: 923.13 ng/ml



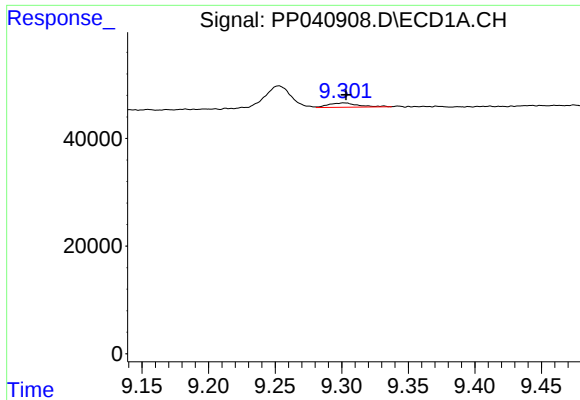
#37 AR-1262-2

R.T.: 8.908 min  
Delta R.T.: -0.010 min  
Response: 14365  
Conc: 6.32 ng/ml



#37 AR-1262-2

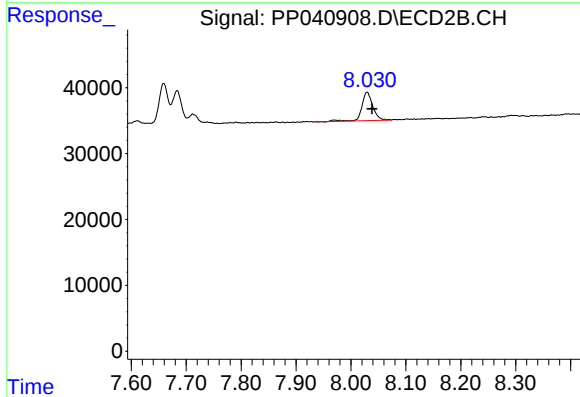
R.T.: 7.684 min  
Delta R.T.: -0.005 min  
Response: 45512  
Conc: 25.56 ng/ml



#39 AR-1262-4

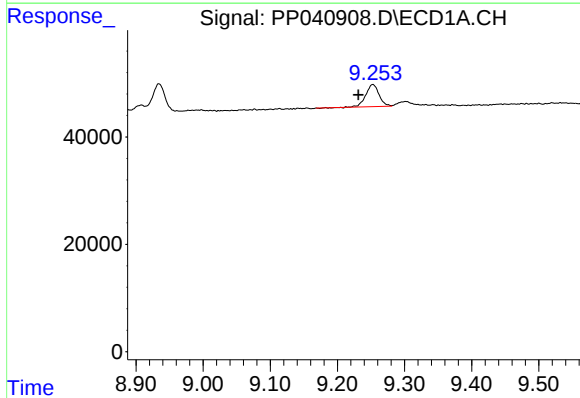
R.T.: 9.302 min  
Delta R.T.: -0.001 min  
Response: 12480  
Conc: 21.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



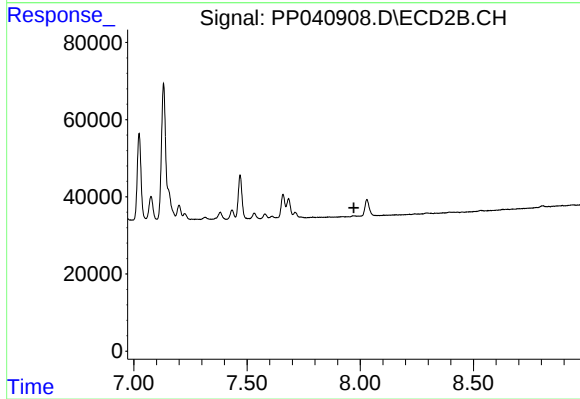
#39 AR-1262-4

R.T.: 8.030 min  
Delta R.T.: -0.009 min  
Response: 60019  
Conc: 42.82 ng/ml



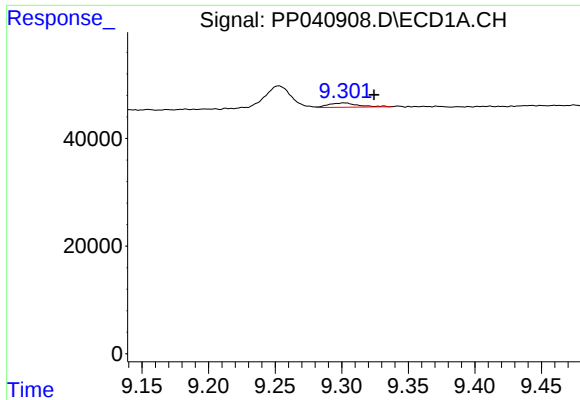
#41 AR-1268-1

R.T.: 9.253 min  
Delta R.T.: 0.021 min  
Response: 55930  
Conc: 20.52 ng/ml



#41 AR-1268-1

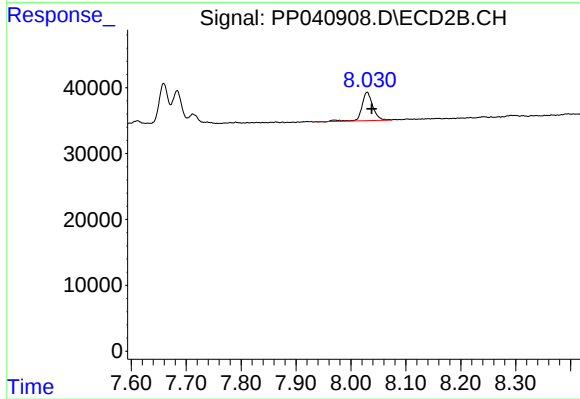
R.T.: 0.000 min  
Exp R.T. : 7.972 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.302 min  
Delta R.T.: -0.022 min  
Response: 12480  
Conc: 4.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#42 AR-1268-2

R.T.: 8.030 min  
Delta R.T.: -0.008 min  
Response: 60019  
Conc: 30.11 ng/ml