

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0090321\  
 Data File : P0080977.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Sep 2021 5:57  
 Operator : DD\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 04 06:38:35 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0090221.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 03 07:15:29 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... | 4.926  | 4.053 | 4252409 | 1293084 | 53.867   | 52.326     |
| 2)                          | SA Decachlor... | 10.990 | 9.415 | 2951248 | 1101306 | 49.705   | 47.177     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.258  | 0.000 | 32667   | 0       | 11.519   | N.D. #     |
| 4)                          | L1 AR-1016-2    | 6.283  | 0.000 | 40485   | 0       | 10.147   | N.D. #     |
| 5)                          | L1 AR-1016-3    | 6.347  | 0.000 | 22653   | 0       | 8.952    | N.D. #     |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.590 | 0       | 336594  | N.D.     | 559.955 #  |
| 7)                          | L1 AR-1016-5    | 6.772  | 5.822 | 533607  | 175187  | 271.818  | 232.726    |
| 9)                          | L2 AR-1221-2    | 5.282  | 4.410 | 54637   | 21011   | 74.324   | 85.231     |
| 12)                         | L3 AR-1232-2    | 5.952  | 0.000 | 52162   | 0       | 53.134   | N.D. #     |
| 13)                         | L3 AR-1232-3    | 6.283  | 0.000 | 40485   | 0       | 22.368   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.634 | 0       | 93475   | N.D.     | 309.947 #  |
| 15)                         | L3 AR-1232-5    | 6.554  | 5.822 | 995661  | 175187  | 1486.373 | 526.548 #  |
| 16)                         | L4 AR-1242-1    | 6.258  | 0.000 | 32667   | 0       | 14.926   | N.D. #     |
| 17)                         | L4 AR-1242-2    | 6.283  | 0.000 | 40485   | 0       | 13.235   | N.D. #     |
| 18)                         | L4 AR-1242-3    | 6.347  | 0.000 | 22653   | 0       | 11.836   | N.D. #     |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.634 | 0       | 93475   | N.D.     | 165.223 #  |
| 20)                         | L4 AR-1242-5    | 7.245  | 6.204 | 538972  | 809340  | 336.404  | 1117.492 # |
| 21)                         | L5 AR-1248-1    | 6.258  | 0.000 | 32667   | 0       | 18.933   | N.D. #     |
| 22)                         | L5 AR-1248-2    | 6.554  | 5.590 | 995661  | 336594  | 447.673  | 405.260    |
| 23)                         | L5 AR-1248-3    | 6.772  | 5.634 | 533607  | 93475   | 201.632  | 110.135 #  |
| 24)                         | L5 AR-1248-4    | 7.204  | 5.822 | 803632  | 175187  | 279.025  | 177.189 #  |
| 25)                         | L5 AR-1248-5    | 7.245  | 6.248 | 538972  | 100373  | 195.982  | 110.711 #  |
| 26)                         | L6 AR-1254-1    | 7.173  | 6.204 | 1681293 | 809340  | 520.237  | 511.631    |
| 27)                         | L6 AR-1254-2    | 7.404  | 6.364 | 2397071 | 729697  | 481.634  | 504.712    |
| 28)                         | L6 AR-1254-3    | 7.787  | 6.789 | 2598788 | 1128132 | 513.965  | 504.240    |
| 29)                         | L6 AR-1254-4    | 8.084  | 7.030 | 1798066 | 706038  | 481.145  | 498.763    |
| 30)                         | L6 AR-1254-5    | 8.515  | 7.462 | 1944046 | 975070  | 469.965  | 462.133    |
| 31)                         | L7 AR-1260-1    | 7.954  | 6.927 | 1079169 | 599684  | 310.459  | 408.617 #  |
| 32)                         | L7 AR-1260-2    | 8.221  | 7.124 | 1206204 | 483467  | 270.650  | 275.432    |
| 33)                         | L7 AR-1260-3    | 8.577f | 7.280 | 259435  | 519174  | 98.863   | 283.596 #  |
| 34)                         | L7 AR-1260-4    | 8.813  | 7.767 | 753209  | 54402   | 235.301  | 46.049 #   |
| 35)                         | L7 AR-1260-5    | 9.149  | 8.015 | 261474  | 96634   | 43.676   | 34.137     |
| 36)                         | L8 AR-1262-1    | 8.577  | 7.462 | 259435  | 975070  | 58.221   | 918.061 #  |
| 37)                         | L8 AR-1262-2    | 9.149  | 8.015 | 261474  | 96634   | 34.121   | 29.361     |
| 38)                         | L8 AR-1262-3    | 9.485f | 0.000 | 226085  | 0       | 66.329   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 9.535f | 8.367 | 97289   | 110463  | 46.463   | 46.564     |
| 41)                         | L9 AR-1268-1    | 9.485f | 0.000 | 226085  | 0       | 24.494   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 9.535f | 8.367 | 97289   | 110463  | 11.379   | 32.546 #   |
| -----                       |                 |        |       |         |         |          |            |

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

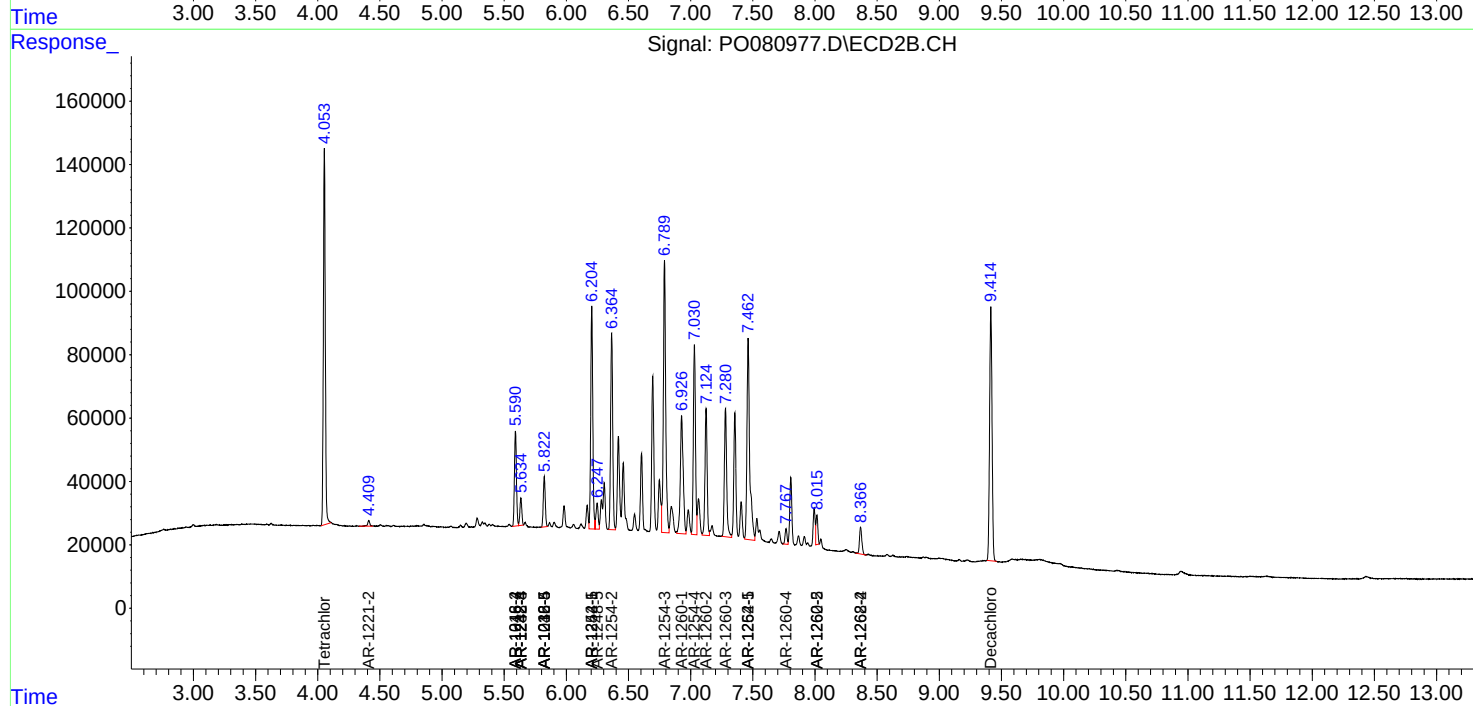
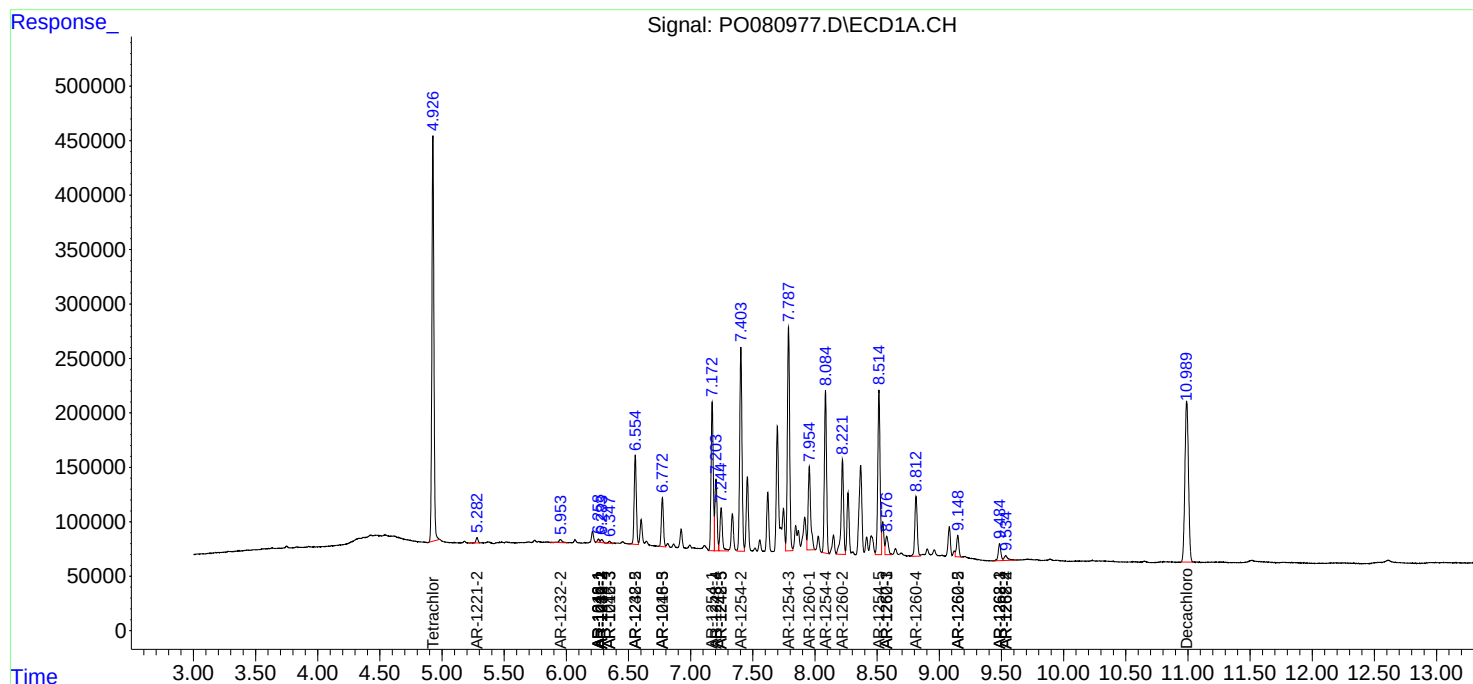
Instrument :  
ECD\_O  
ClientSampleId :

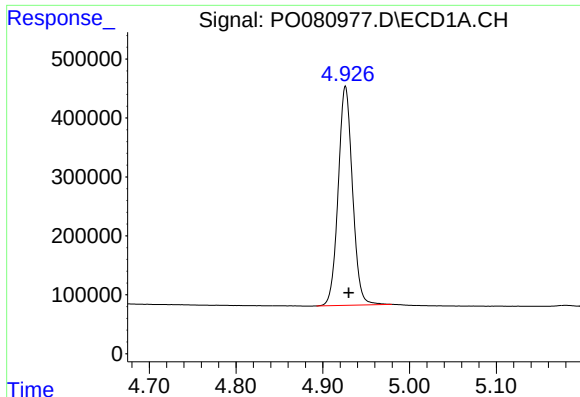
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0090321\  
Data File : P0080977.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 04 Sep 2021 5:57  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 04 06:38:35 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0090221.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 03 07:15:29 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

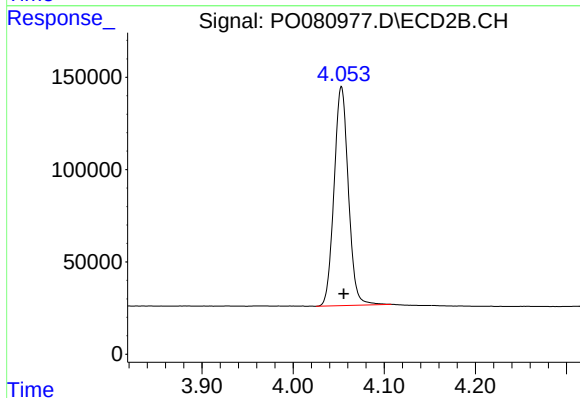




#1 Tetrachloro-m-xylene

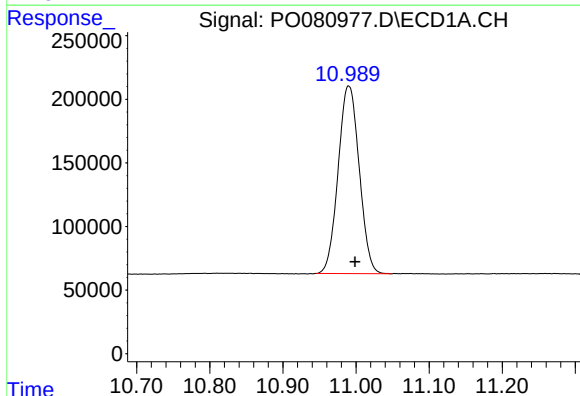
R.T.: 4.926 min  
Delta R.T.: -0.004 min  
Response: 4252409  
Conc: 53.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



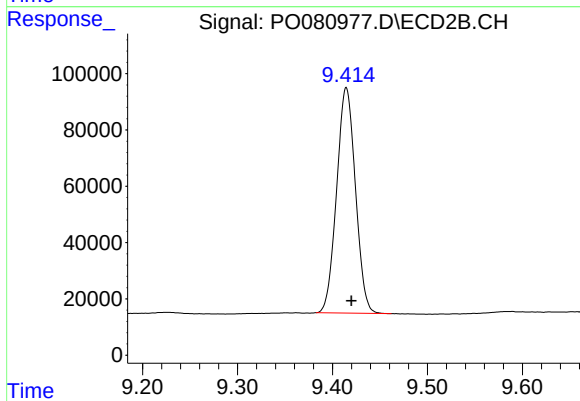
#1 Tetrachloro-m-xylene

R.T.: 4.053 min  
Delta R.T.: -0.002 min  
Response: 1293084  
Conc: 52.33 ng/ml



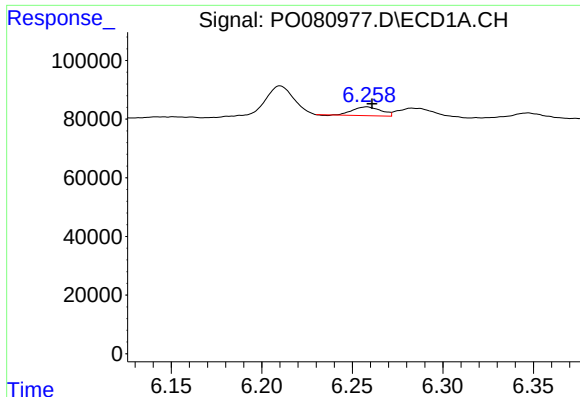
#2 Decachlorobiphenyl

R.T.: 10.990 min  
Delta R.T.: -0.009 min  
Response: 2951248  
Conc: 49.70 ng/ml



#2 Decachlorobiphenyl

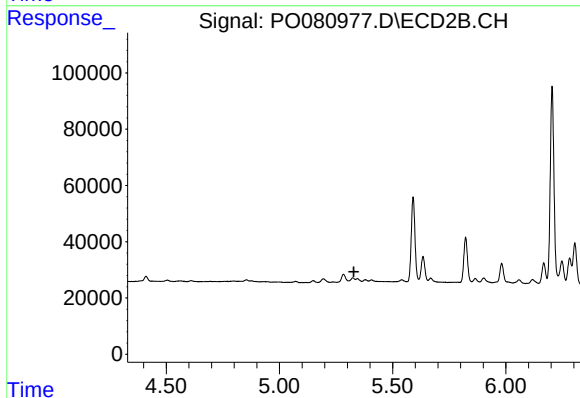
R.T.: 9.415 min  
Delta R.T.: -0.005 min  
Response: 1101306  
Conc: 47.18 ng/ml



#3 AR-1016-1

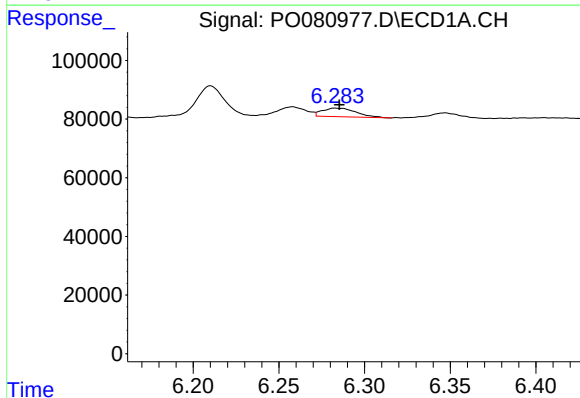
R.T.: 6.258 min  
Delta R.T.: -0.003 min  
Response: 32667  
Conc: 11.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



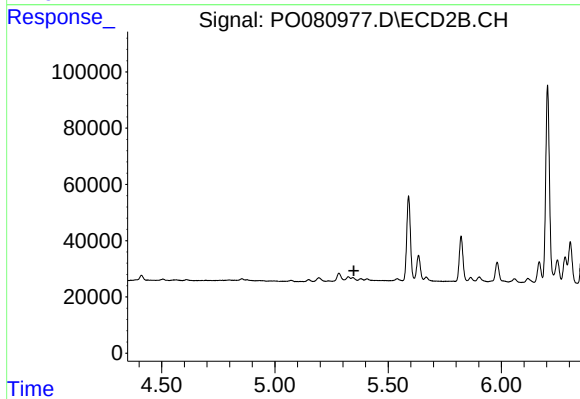
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.329 min  
Response: 0  
Conc: N.D.



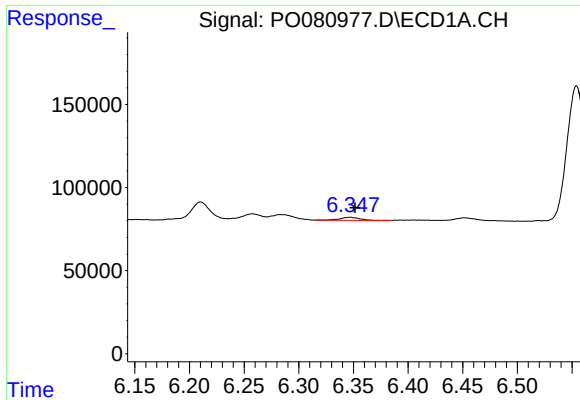
#4 AR-1016-2

R.T.: 6.283 min  
Delta R.T.: -0.002 min  
Response: 40485  
Conc: 10.15 ng/ml



#4 AR-1016-2

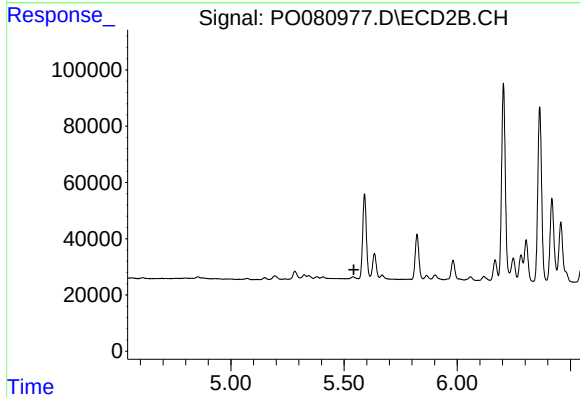
R.T.: 0.000 min  
Exp R.T. : 5.349 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

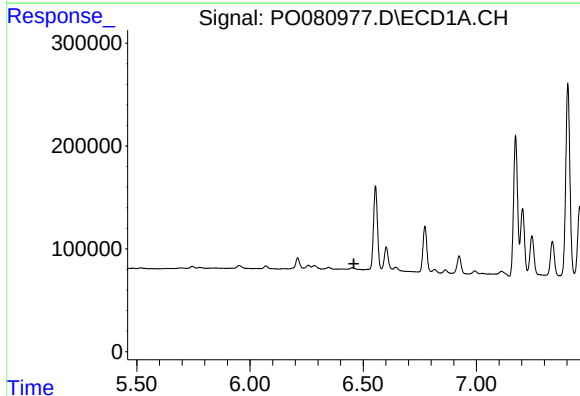
R.T.: 6.347 min  
Delta R.T.: -0.004 min  
Response: 22653  
Conc: 8.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



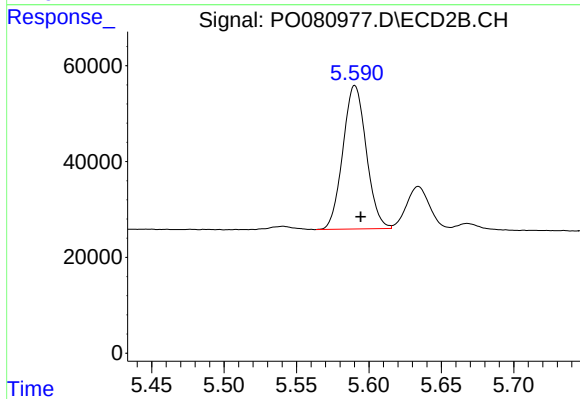
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.543 min  
Response: 0  
Conc: N.D.



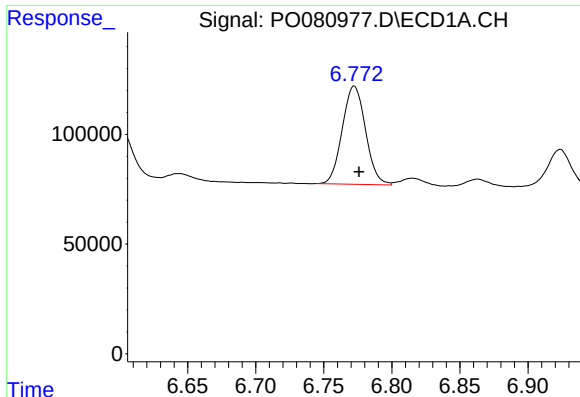
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.459 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

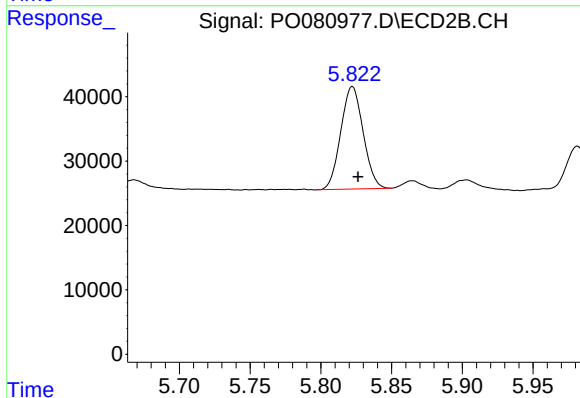
R.T.: 5.590 min  
Delta R.T.: -0.004 min  
Response: 336594  
Conc: 559.95 ng/ml



#7 AR-1016-5

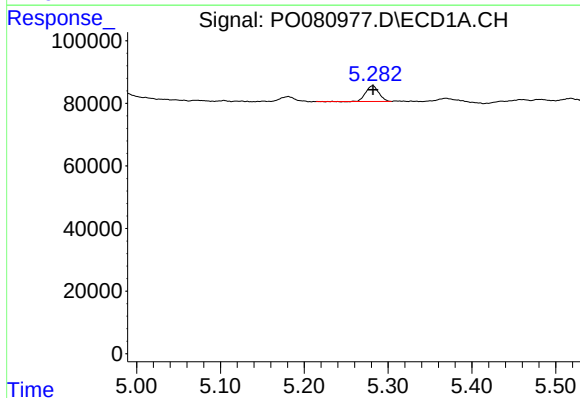
R.T.: 6.772 min  
Delta R.T.: -0.004 min  
Response: 533607  
Conc: 271.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



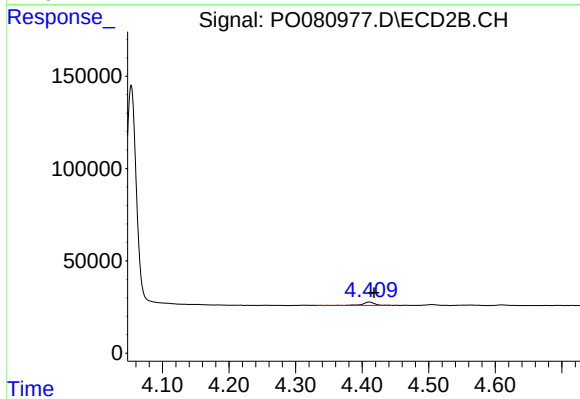
#7 AR-1016-5

R.T.: 5.822 min  
Delta R.T.: -0.004 min  
Response: 175187  
Conc: 232.73 ng/ml



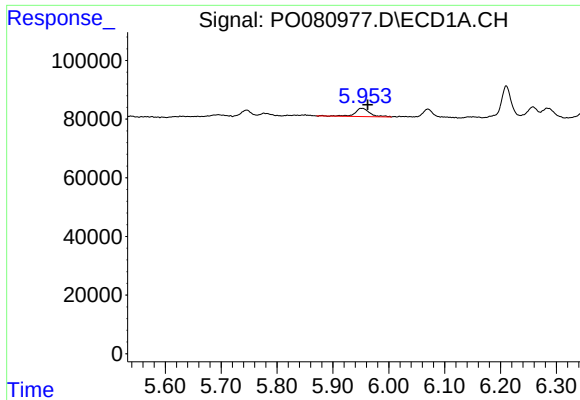
#9 AR-1221-2

R.T.: 5.282 min  
Delta R.T.: 0.000 min  
Response: 54637  
Conc: 74.32 ng/ml



#9 AR-1221-2

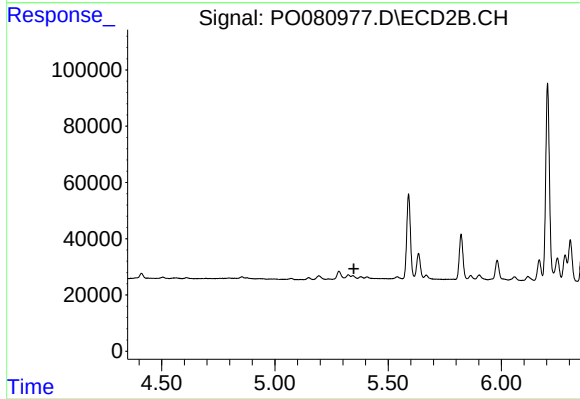
R.T.: 4.410 min  
Delta R.T.: -0.007 min  
Response: 21011  
Conc: 85.23 ng/ml



#12 AR-1232-2

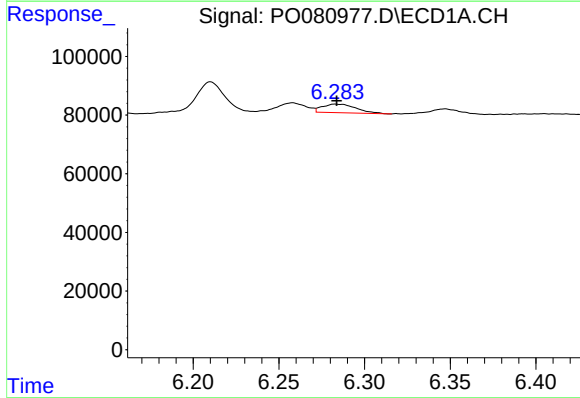
R.T.: 5.952 min  
Delta R.T.: -0.010 min  
Response: 52162  
Conc: 53.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



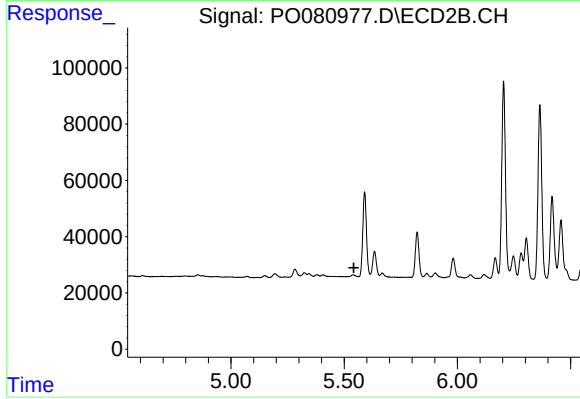
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.348 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

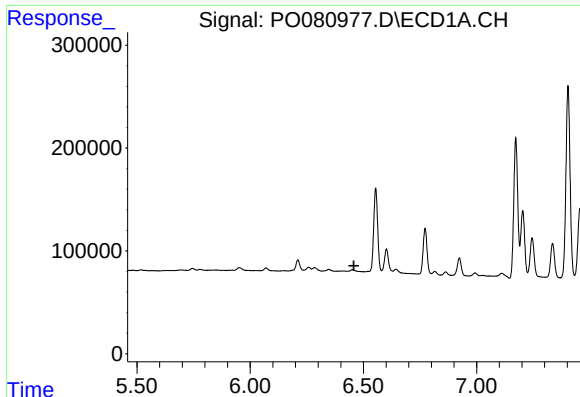
R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 40485  
Conc: 22.37 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.543 min  
Response: 0  
Conc: N.D.

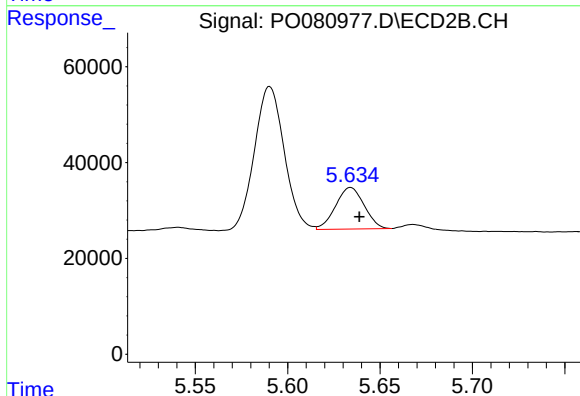




#14 AR-1232-4

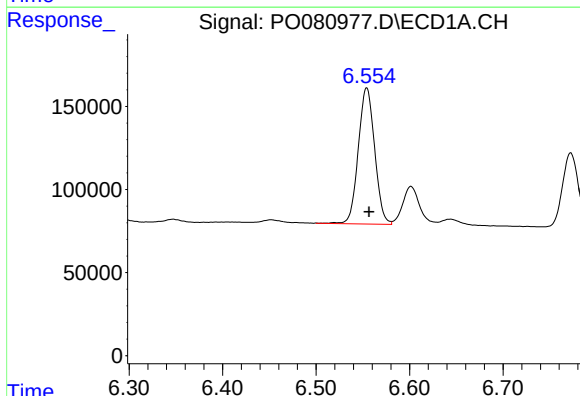
R.T.: 0.000 min  
Exp R.T.: 6.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



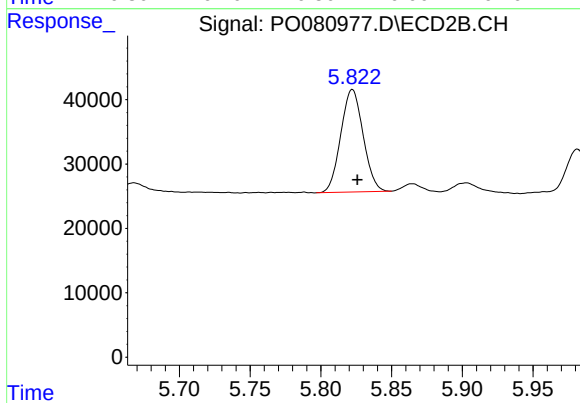
#14 AR-1232-4

R.T.: 5.634 min  
Delta R.T.: -0.005 min  
Response: 93475  
Conc: 309.95 ng/ml



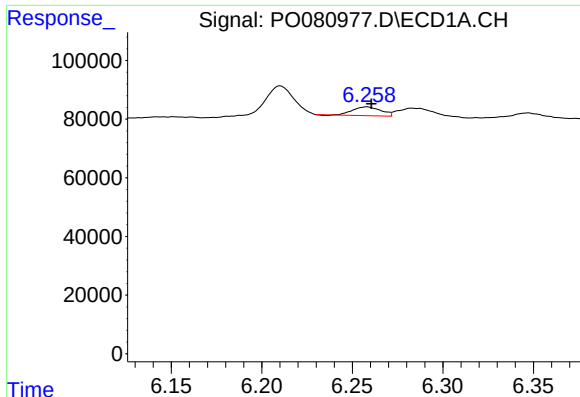
#15 AR-1232-5

R.T.: 6.554 min  
Delta R.T.: -0.002 min  
Response: 995661  
Conc: 1486.37 ng/ml



#15 AR-1232-5

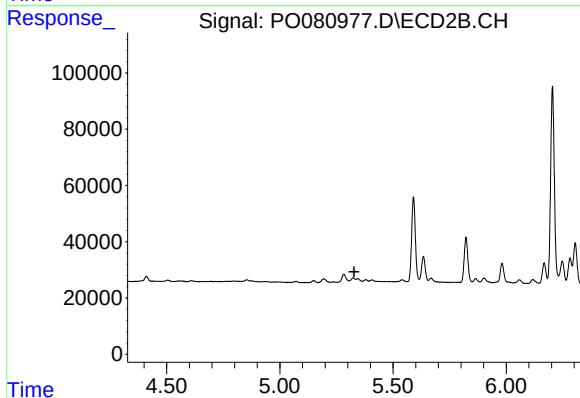
R.T.: 5.822 min  
Delta R.T.: -0.004 min  
Response: 175187  
Conc: 526.55 ng/ml



#16 AR-1242-1

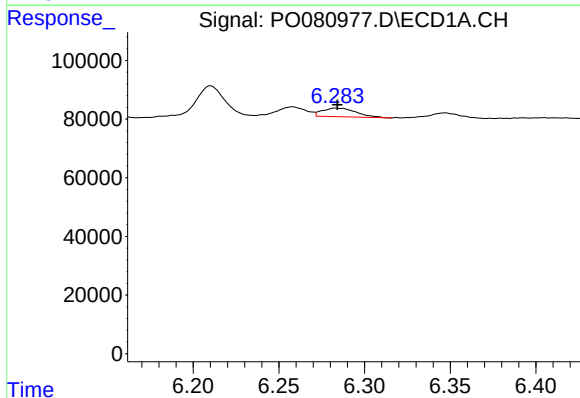
R.T.: 6.258 min  
Delta R.T.: -0.003 min  
Response: 32667  
Conc: 14.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



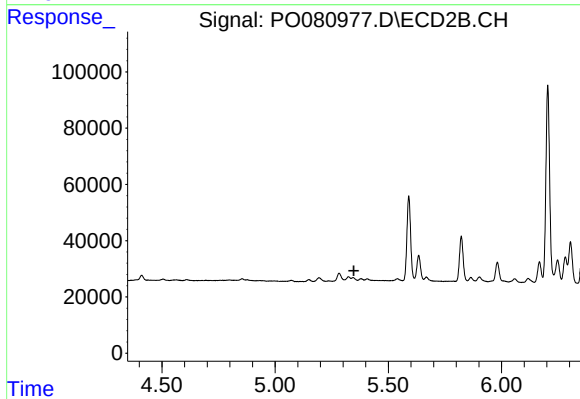
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.327 min  
Response: 0  
Conc: N.D.



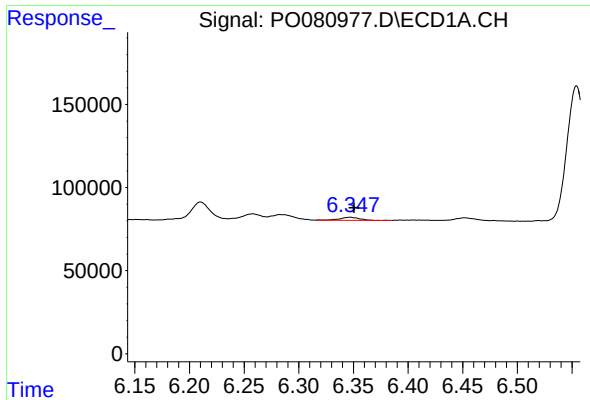
#17 AR-1242-2

R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 40485  
Conc: 13.24 ng/ml



#17 AR-1242-2

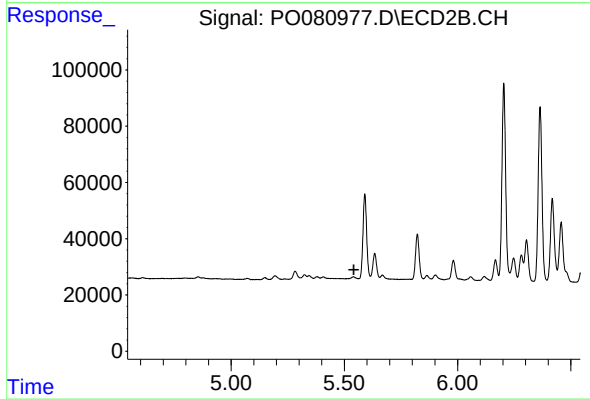
R.T.: 0.000 min  
Exp R.T. : 5.348 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

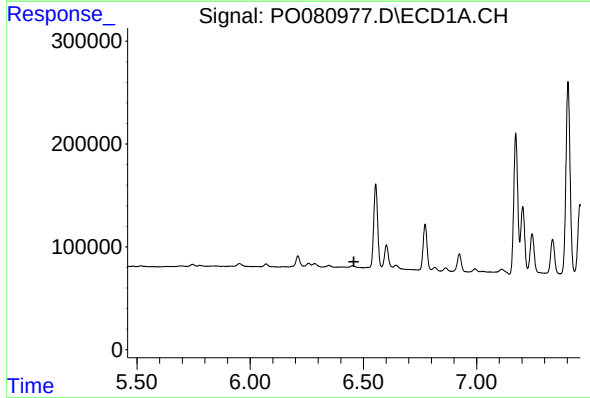
R.T.: 6.347 min  
Delta R.T.: -0.004 min  
Response: 22653  
Conc: 11.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



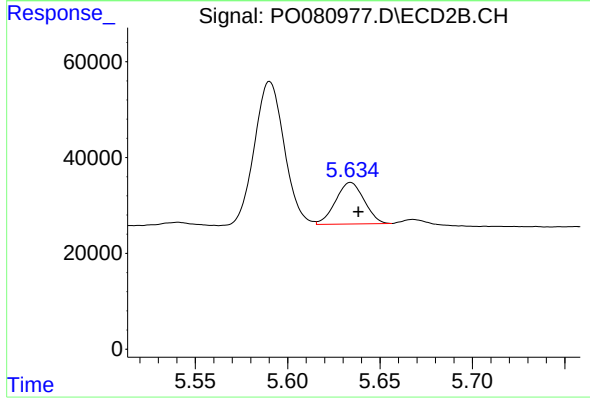
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.542 min  
Response: 0  
Conc: N.D.



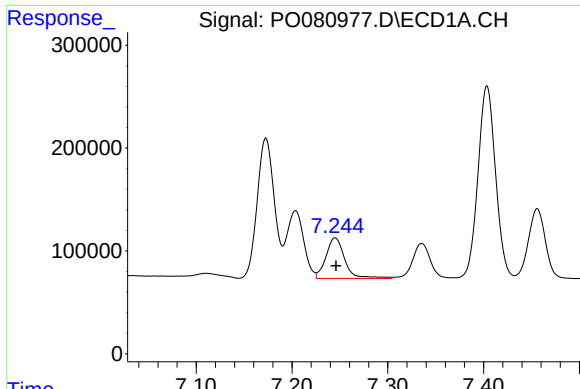
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.458 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

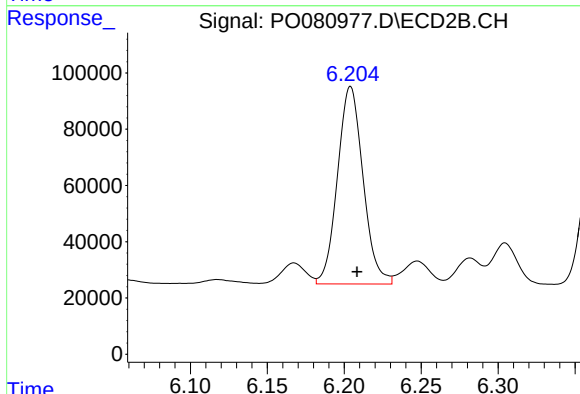
R.T.: 5.634 min  
Delta R.T.: -0.004 min  
Response: 93475  
Conc: 165.22 ng/ml



#20 AR-1242-5

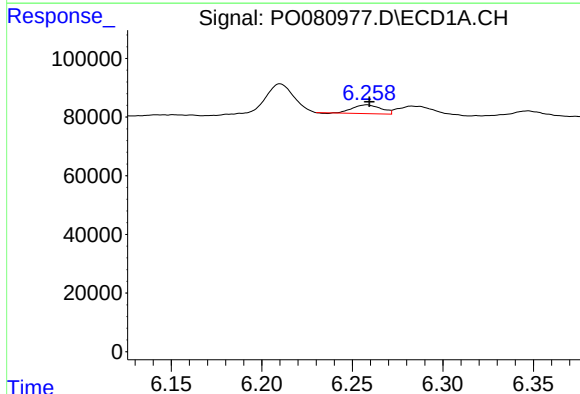
R.T.: 7.245 min  
Delta R.T.: -0.001 min  
Response: 538972  
Conc: 336.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



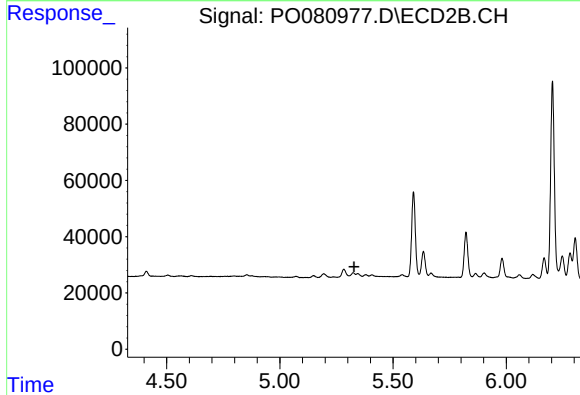
#20 AR-1242-5

R.T.: 6.204 min  
Delta R.T.: -0.004 min  
Response: 809340  
Conc: 1117.49 ng/ml



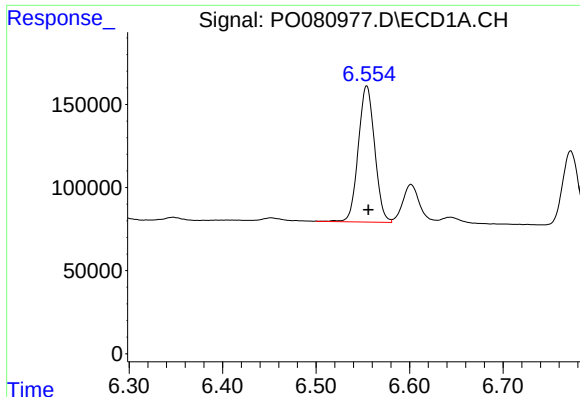
#21 AR-1248-1

R.T.: 6.258 min  
Delta R.T.: -0.002 min  
Response: 32667  
Conc: 18.93 ng/ml



#21 AR-1248-1

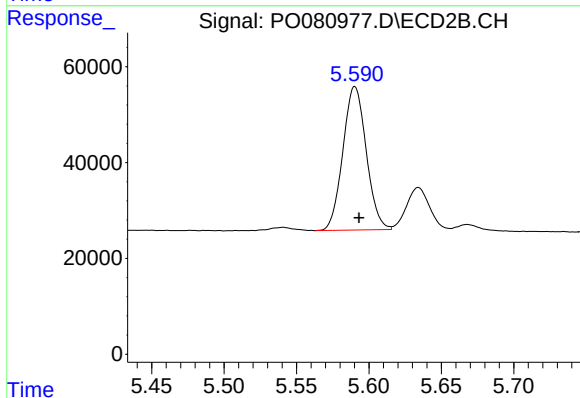
R.T.: 0.000 min  
Exp R.T.: 5.327 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

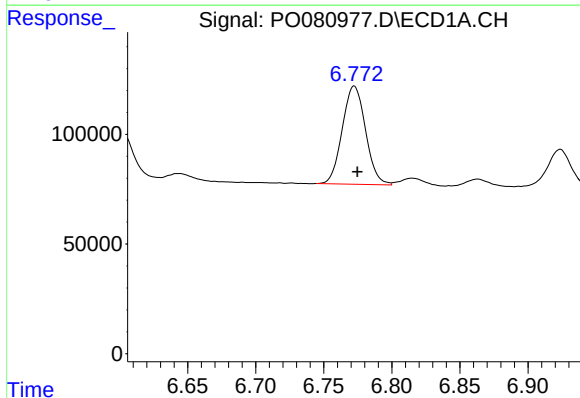
R.T.: 6.554 min  
Delta R.T.: -0.002 min  
Response: 995661  
Conc: 447.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



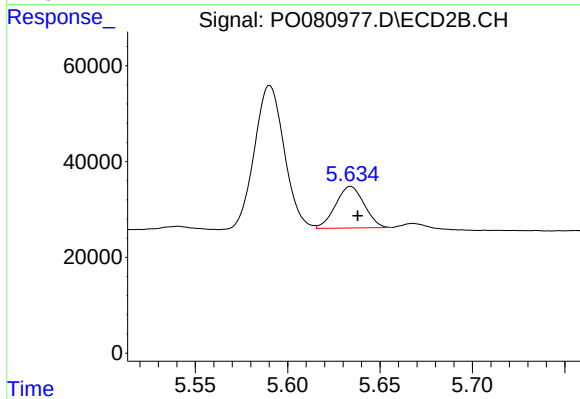
#22 AR-1248-2

R.T.: 5.590 min  
Delta R.T.: -0.003 min  
Response: 336594  
Conc: 405.26 ng/ml



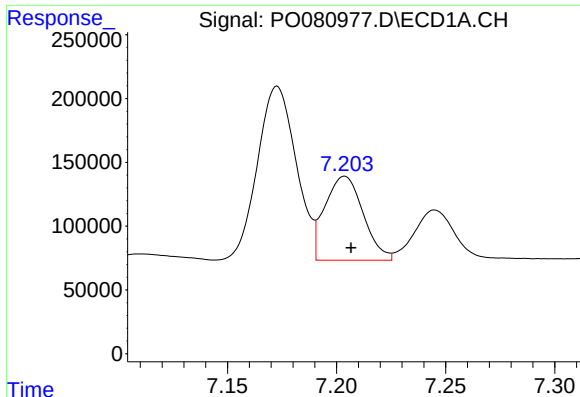
#23 AR-1248-3

R.T.: 6.772 min  
Delta R.T.: -0.002 min  
Response: 533607  
Conc: 201.63 ng/ml



#23 AR-1248-3

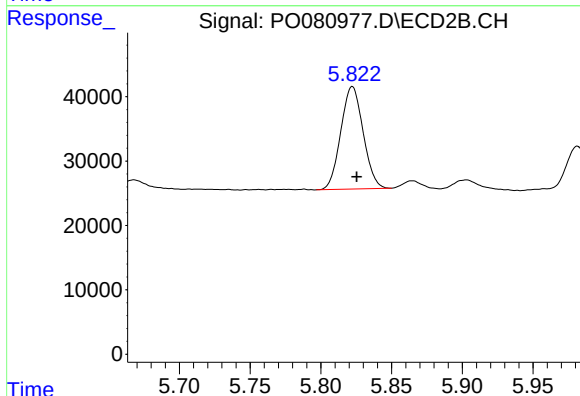
R.T.: 5.634 min  
Delta R.T.: -0.004 min  
Response: 93475  
Conc: 110.14 ng/ml



#24 AR-1248-4

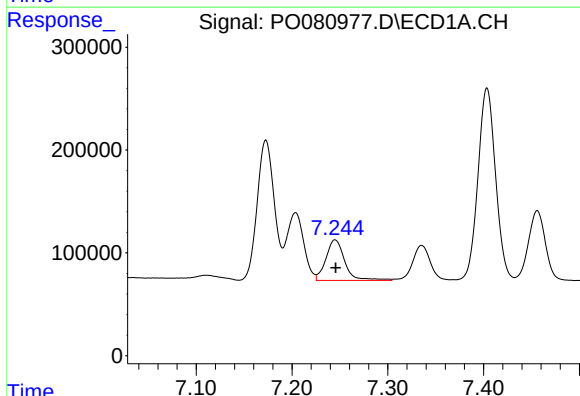
R.T.: 7.204 min  
Delta R.T.: -0.003 min  
Response: 803632  
Conc: 279.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



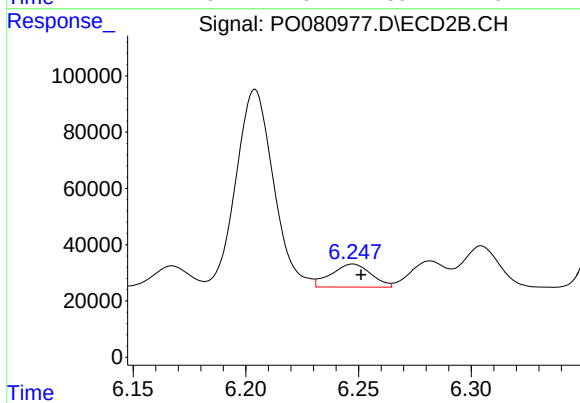
#24 AR-1248-4

R.T.: 5.822 min  
Delta R.T.: -0.003 min  
Response: 175187  
Conc: 177.19 ng/ml



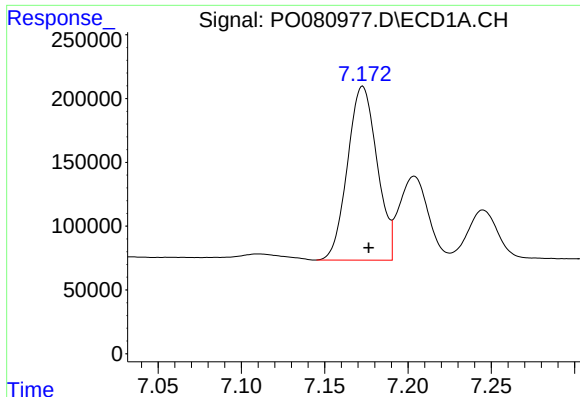
#25 AR-1248-5

R.T.: 7.245 min  
Delta R.T.: 0.000 min  
Response: 538972  
Conc: 195.98 ng/ml



#25 AR-1248-5

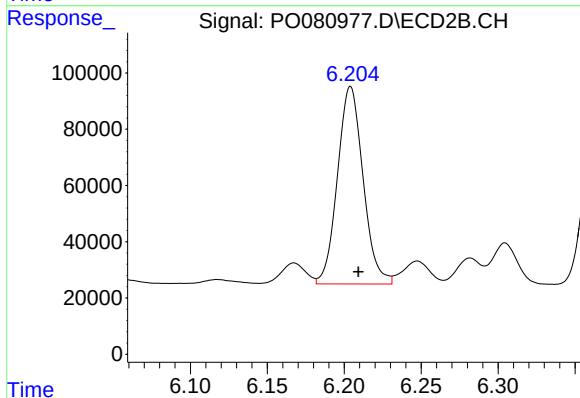
R.T.: 6.248 min  
Delta R.T.: -0.004 min  
Response: 100373  
Conc: 110.71 ng/ml



#26 AR-1254-1

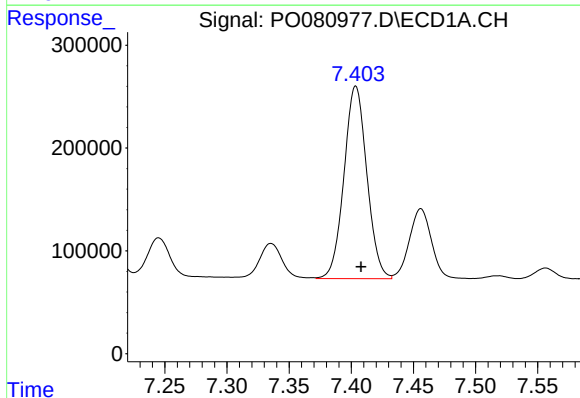
R.T.: 7.173 min  
Delta R.T.: -0.004 min  
Response: 1681293  
Conc: 520.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



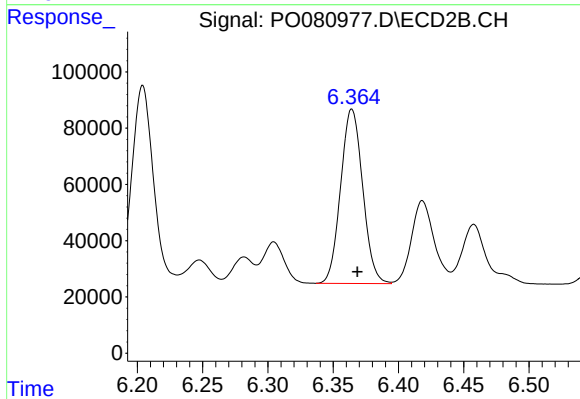
#26 AR-1254-1

R.T.: 6.204 min  
Delta R.T.: -0.005 min  
Response: 809340  
Conc: 511.63 ng/ml



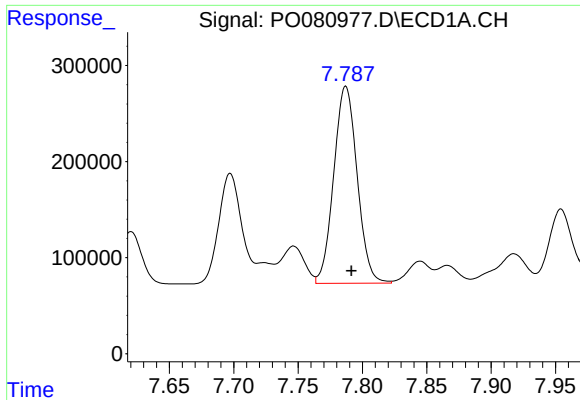
#27 AR-1254-2

R.T.: 7.404 min  
Delta R.T.: -0.004 min  
Response: 2397071  
Conc: 481.63 ng/ml



#27 AR-1254-2

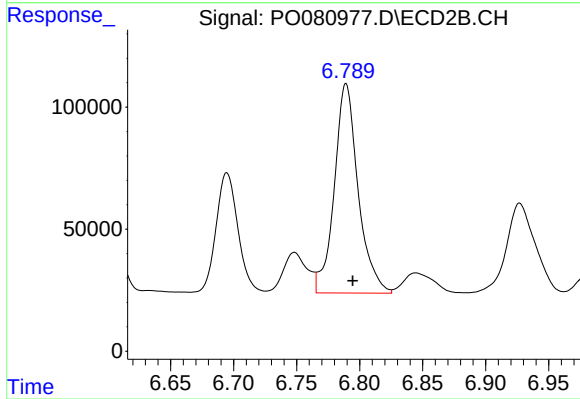
R.T.: 6.364 min  
Delta R.T.: -0.004 min  
Response: 729697  
Conc: 504.71 ng/ml



#28 AR-1254-3

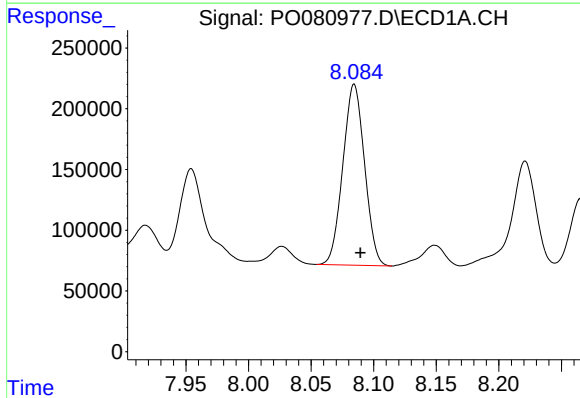
R.T.: 7.787 min  
Delta R.T.: -0.004 min  
Response: 2598788  
Conc: 513.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



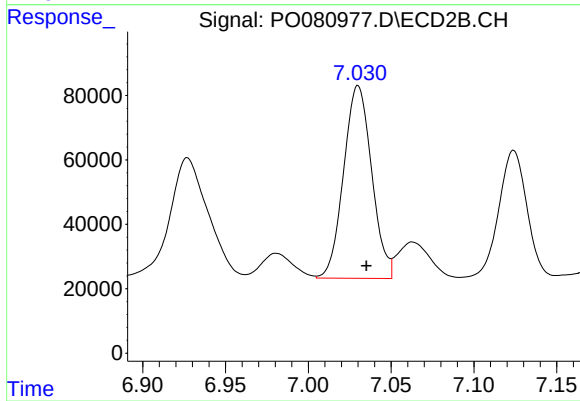
#28 AR-1254-3

R.T.: 6.789 min  
Delta R.T.: -0.005 min  
Response: 1128132  
Conc: 504.24 ng/ml



#29 AR-1254-4

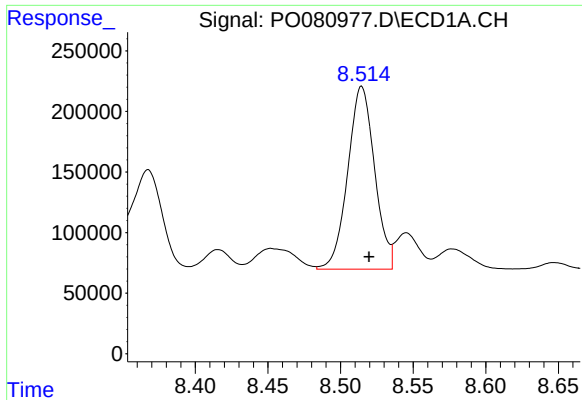
R.T.: 8.084 min  
Delta R.T.: -0.005 min  
Response: 1798066  
Conc: 481.15 ng/ml



#29 AR-1254-4

R.T.: 7.030 min  
Delta R.T.: -0.005 min  
Response: 706038  
Conc: 498.76 ng/ml

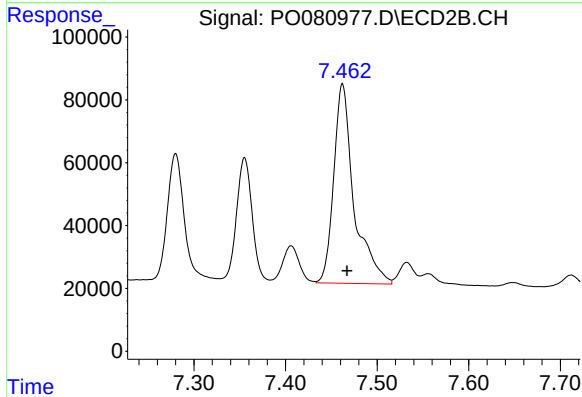




#30 AR-1254-5

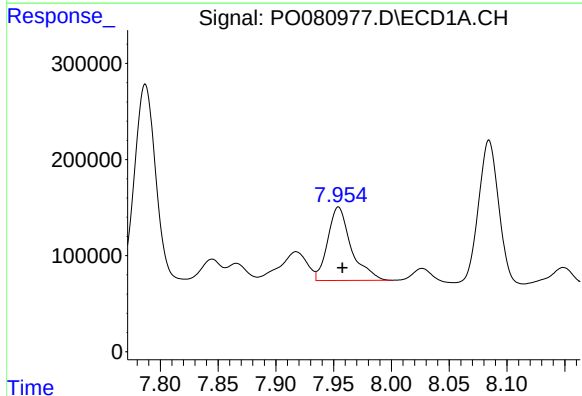
R.T.: 8.515 min  
Delta R.T.: -0.005 min  
Response: 1944046  
Conc: 469.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



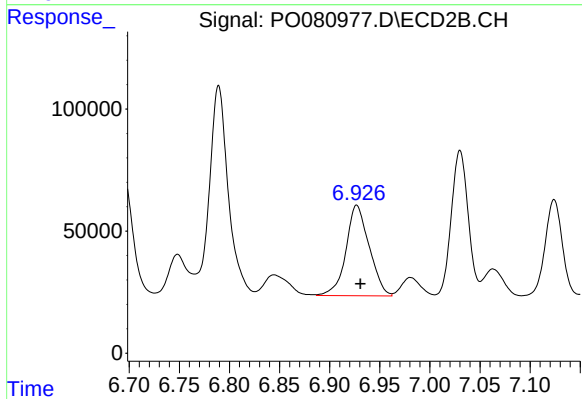
#30 AR-1254-5

R.T.: 7.462 min  
Delta R.T.: -0.005 min  
Response: 975070  
Conc: 462.13 ng/ml



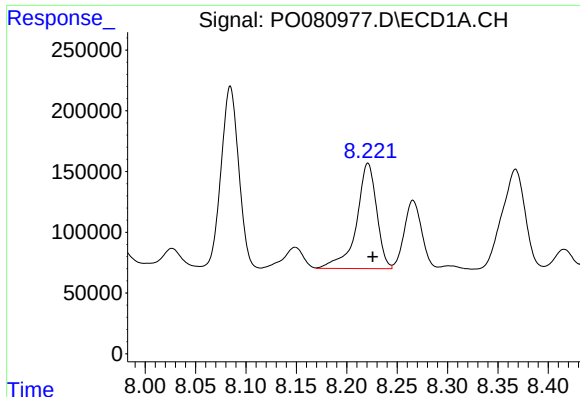
#31 AR-1260-1

R.T.: 7.954 min  
Delta R.T.: -0.003 min  
Response: 1079169  
Conc: 310.46 ng/ml



#31 AR-1260-1

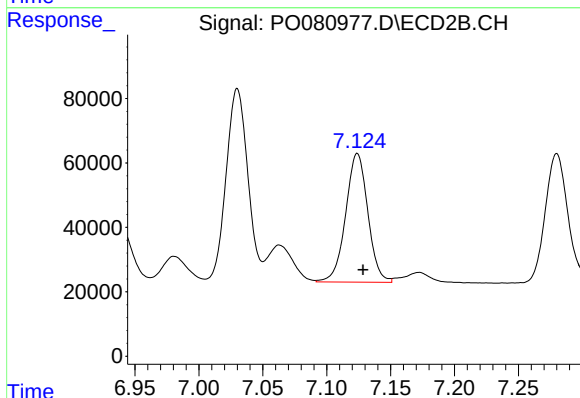
R.T.: 6.927 min  
Delta R.T.: -0.004 min  
Response: 599684  
Conc: 408.62 ng/ml



#32 AR-1260-2

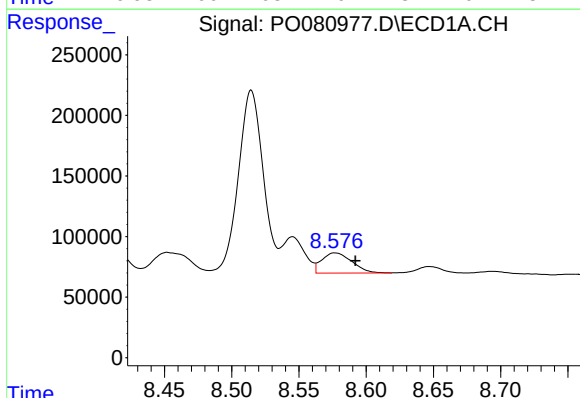
R.T.: 8.221 min  
Delta R.T.: -0.005 min  
Response: 1206204  
Conc: 270.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



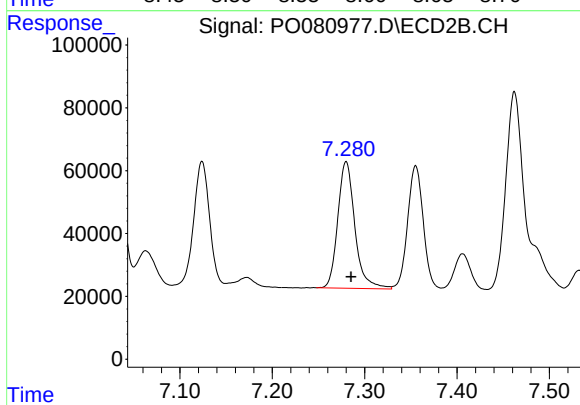
#32 AR-1260-2

R.T.: 7.124 min  
Delta R.T.: -0.004 min  
Response: 483467  
Conc: 275.43 ng/ml



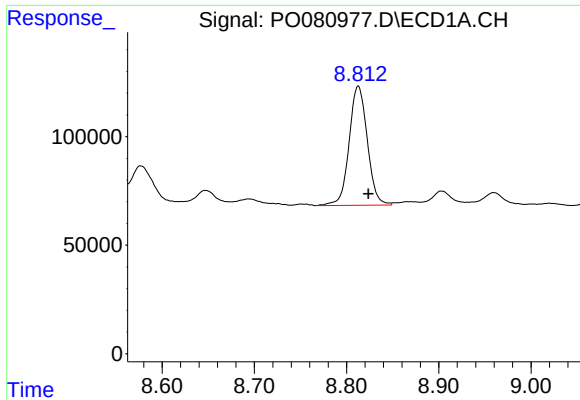
#33 AR-1260-3

R.T.: 8.577 min  
Delta R.T.: -0.015 min  
Response: 259435  
Conc: 98.86 ng/ml



#33 AR-1260-3

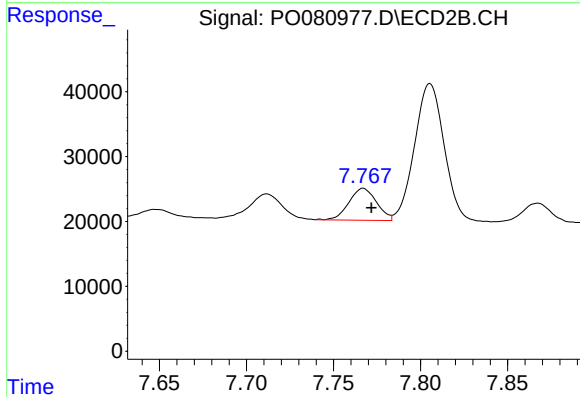
R.T.: 7.280 min  
Delta R.T.: -0.005 min  
Response: 519174  
Conc: 283.60 ng/ml



#34 AR-1260-4

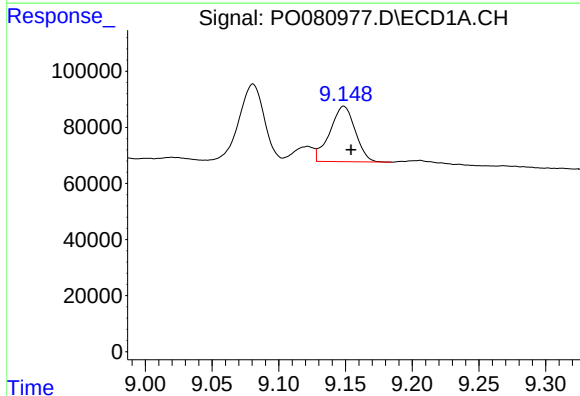
R.T.: 8.813 min  
Delta R.T.: -0.011 min  
Response: 753209  
Conc: 235.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



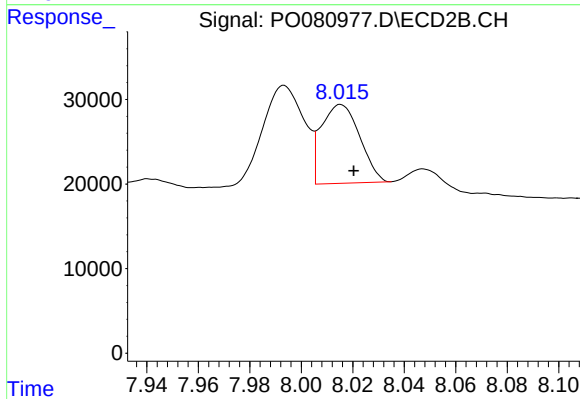
#34 AR-1260-4

R.T.: 7.767 min  
Delta R.T.: -0.005 min  
Response: 54402  
Conc: 46.05 ng/ml



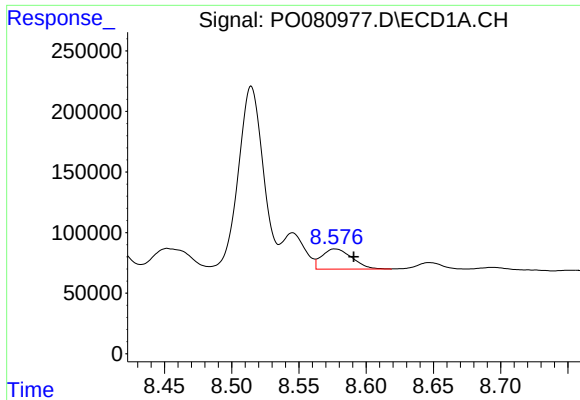
#35 AR-1260-5

R.T.: 9.149 min  
Delta R.T.: -0.005 min  
Response: 261474  
Conc: 43.68 ng/ml



#35 AR-1260-5

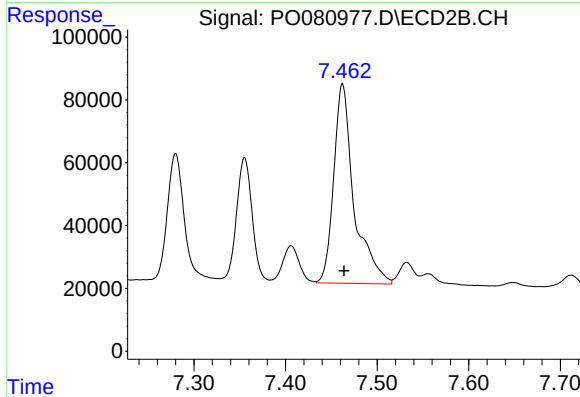
R.T.: 8.015 min  
Delta R.T.: -0.005 min  
Response: 96634  
Conc: 34.14 ng/ml



#36 AR-1262-1

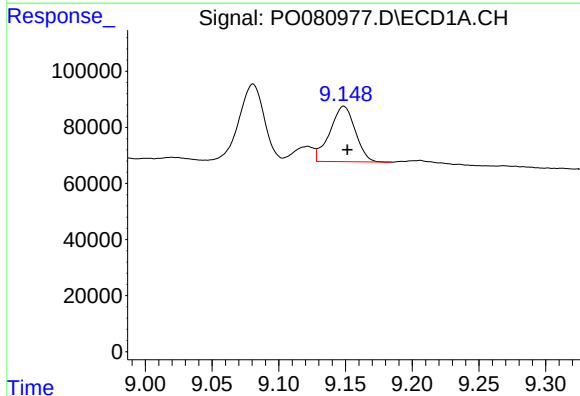
R.T.: 8.577 min  
Delta R.T.: -0.014 min  
Response: 259435  
Conc: 58.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



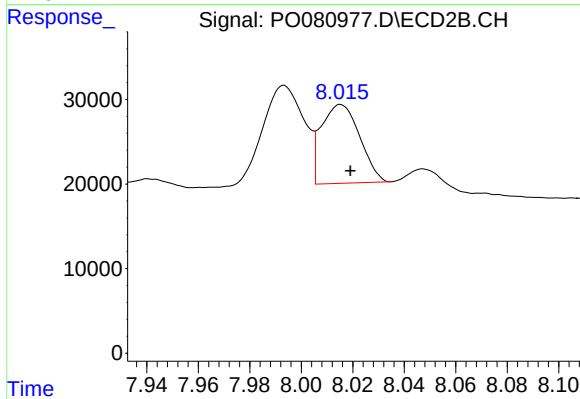
#36 AR-1262-1

R.T.: 7.462 min  
Delta R.T.: -0.002 min  
Response: 975070  
Conc: 918.06 ng/ml



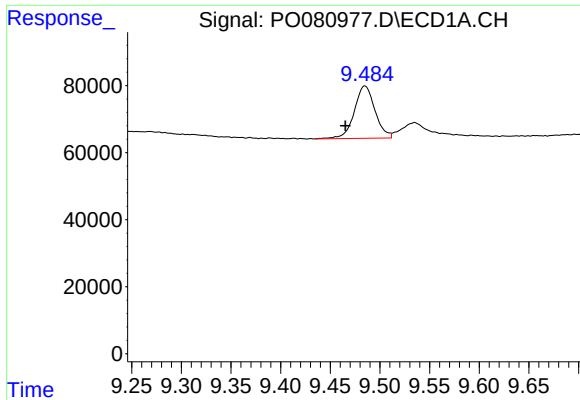
#37 AR-1262-2

R.T.: 9.149 min  
Delta R.T.: -0.003 min  
Response: 261474  
Conc: 34.12 ng/ml



#37 AR-1262-2

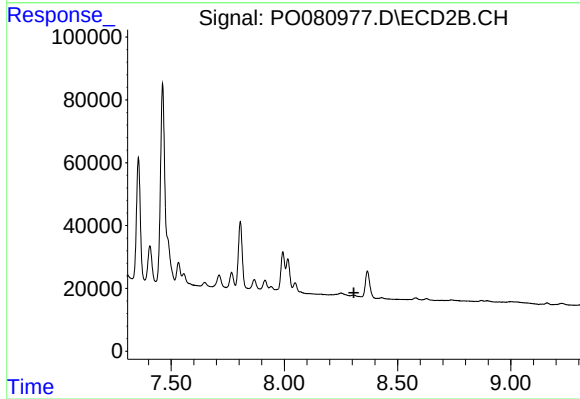
R.T.: 8.015 min  
Delta R.T.: -0.004 min  
Response: 96634  
Conc: 29.36 ng/ml



#38 AR-1262-3

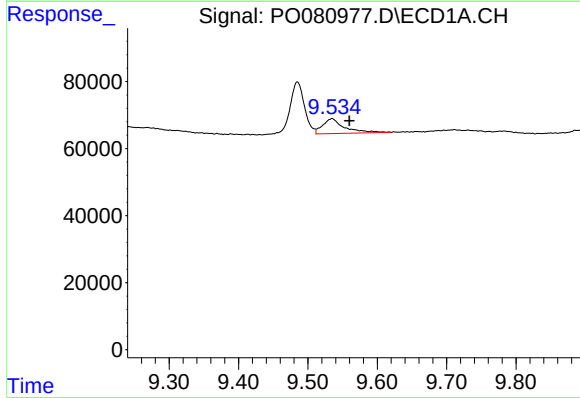
R.T.: 9.485 min  
Delta R.T.: 0.019 min  
Response: 226085  
Conc: 66.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



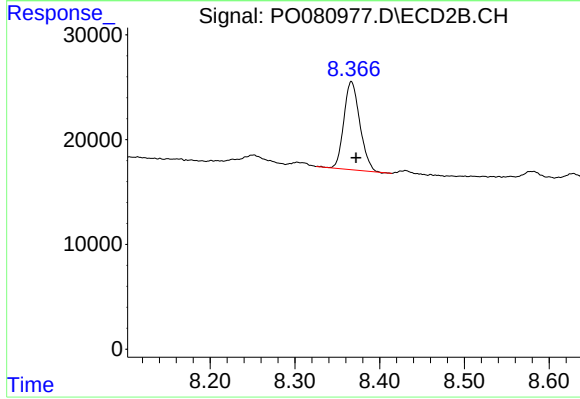
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.307 min  
Response: 0  
Conc: N.D.



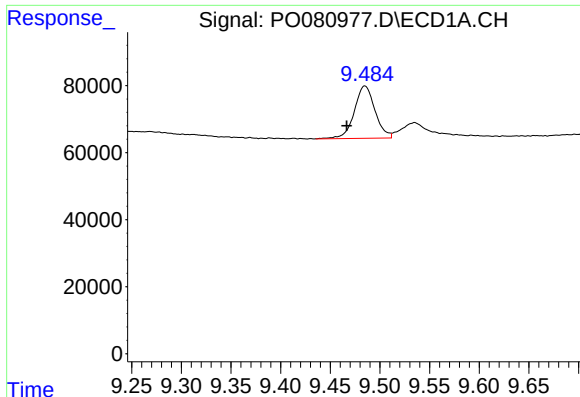
#39 AR-1262-4

R.T.: 9.535 min  
Delta R.T.: -0.025 min  
Response: 97289  
Conc: 46.46 ng/ml



#39 AR-1262-4

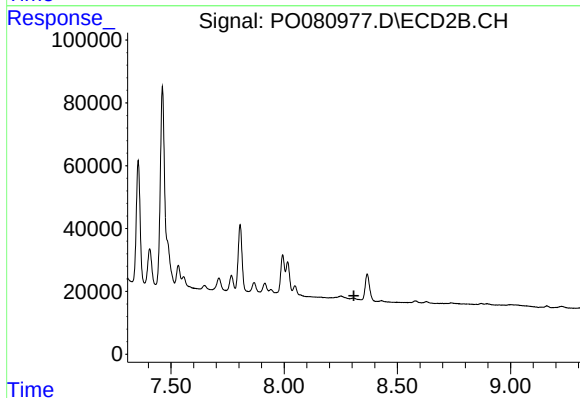
R.T.: 8.367 min  
Delta R.T.: -0.006 min  
Response: 110463  
Conc: 46.56 ng/ml



#41 AR-1268-1

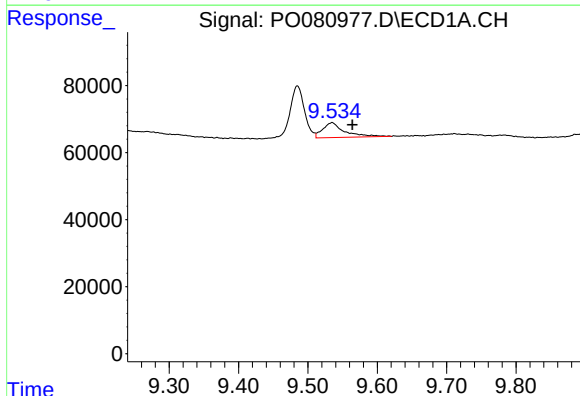
R.T.: 9.485 min  
Delta R.T.: 0.018 min  
Response: 226085  
Conc: 24.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



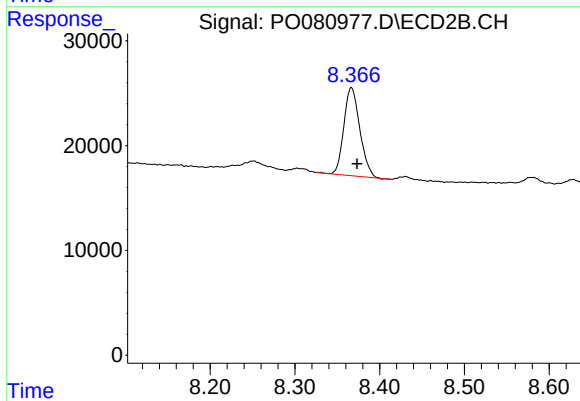
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.308 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.535 min  
Delta R.T.: -0.029 min  
Response: 97289  
Conc: 11.38 ng/ml



#42 AR-1268-2

R.T.: 8.367 min  
Delta R.T.: -0.007 min  
Response: 110463  
Conc: 32.55 ng/ml