

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0073021\  
 Data File : P0080010.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Jul 2021 14:35  
 Operator : DD\AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 16:26:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 28 18:45:36 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... | 5.000  | 4.118  | 3293804 | 1181795 | 54.662   | 51.604    |
| 2)                          | SA Decachlor... | 11.110 | 9.531  | 2489512 | 1055065 | 53.070   | 50.769    |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.330  | 5.397  | 865525  | 359879  | 393.735  | 382.882   |
| 4)                          | L1 AR-1016-2    | 6.355  | 5.417  | 1211383 | 482384  | 397.041  | 379.168   |
| 5)                          | L1 AR-1016-3    | 6.421  | 5.612  | 746208  | 274181  | 396.536  | 388.898   |
| 6)                          | L1 AR-1016-4    | 6.529  | 5.664  | 619570  | 220559  | 401.826  | 365.003   |
| 7)                          | L1 AR-1016-5    | 6.845  | 5.898  | 750414  | 277324  | 496.005  | 376.569   |
| 8)                          | L2 AR-1221-1    | 5.247  | 4.380  | 118933  | 51188   | 184.572  | 177.265   |
| 9)                          | L2 AR-1221-2    | 5.352  | 4.482  | 172424  | 61700   | 375.510  | 287.686   |
| 10)                         | L2 AR-1221-3    | 5.440  | 4.573  | 521294  | 201441  | 337.832  | 310.284   |
| 11)                         | L3 AR-1232-1    | 5.440  | 4.573  | 521294  | 201441  | 365.805  | 334.062   |
| 12)                         | L3 AR-1232-2    | 6.033  | 5.417  | 783306  | 482384  | 1121.340 | 857.810   |
| 13)                         | L3 AR-1232-3    | 6.355  | 5.612  | 1211383 | 274181  | 908.916  | 910.712   |
| 14)                         | L3 AR-1232-4    | 6.529  | 5.709  | 619570  | 276571  | 951.351  | 971.551   |
| 15)                         | L3 AR-1232-5    | 6.626  | 5.898  | 508669  | 277324  | 1139.096 | 923.453   |
| 16)                         | L4 AR-1242-1    | 6.330  | 5.397  | 865525  | 359879  | 519.309  | 505.319   |
| 17)                         | L4 AR-1242-2    | 6.355  | 5.417  | 1211383 | 482384  | 526.730  | 498.143   |
| 18)                         | L4 AR-1242-3    | 6.421  | 5.612  | 746208  | 274181  | 525.650  | 510.997   |
| 19)                         | L4 AR-1242-4    | 6.529  | 5.709  | 619570  | 276571  | 545.993  | 492.541   |
| 20)                         | L4 AR-1242-5    | 7.315  | 6.282  | 844006  | 336793  | 664.790  | 517.592   |
| 21)                         | L5 AR-1248-1    | 6.330  | 5.397  | 865525  | 359879  | 682.761  | 651.721   |
| 22)                         | L5 AR-1248-2    | 6.626  | 5.664  | 508669  | 220559  | 291.778  | 267.705   |
| 23)                         | L5 AR-1248-3    | 6.845  | 5.709  | 750414  | 276571  | 366.143  | 333.261   |
| 24)                         | L5 AR-1248-4    | 7.276  | 5.898  | 721463  | 277324  | 308.200  | 293.488   |
| 25)                         | L5 AR-1248-5    | 7.315  | 6.326  | 844006  | 286190  | 371.152  | 312.131   |
| 26)                         | L6 AR-1254-1    | 7.244  | 6.282  | 613102  | 336793  | 280.674  | 248.360   |
| 27)                         | L6 AR-1254-2    | 7.480  | 6.442  | 668236  | 128933  | 203.497  | 107.529 # |
| 28)                         | L6 AR-1254-3    | 7.875  | 6.871  | 522800  | 121349  | 151.838  | 64.856 #  |
| 29)                         | L6 AR-1254-4    | 8.156  | 7.113  | 160362  | 80361   | 63.051   | 67.878    |
| 30)                         | L6 AR-1254-5    | 8.587  | 7.549  | 31343   | 29487   | 11.785   | 18.407 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.023  | 0       | 42180   | N.D.     | 32.587 #  |
| 32)                         | L7 AR-1260-2    | 8.292  | 7.187f | 63056   | 99772   | 20.518   | 65.221 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.366  | 0       | 41792   | N.D.     | 28.624 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.549  | 0       | 29487   | N.D.     | 35.030 #  |
| -----                       |                 |        |        |         |         |          |           |

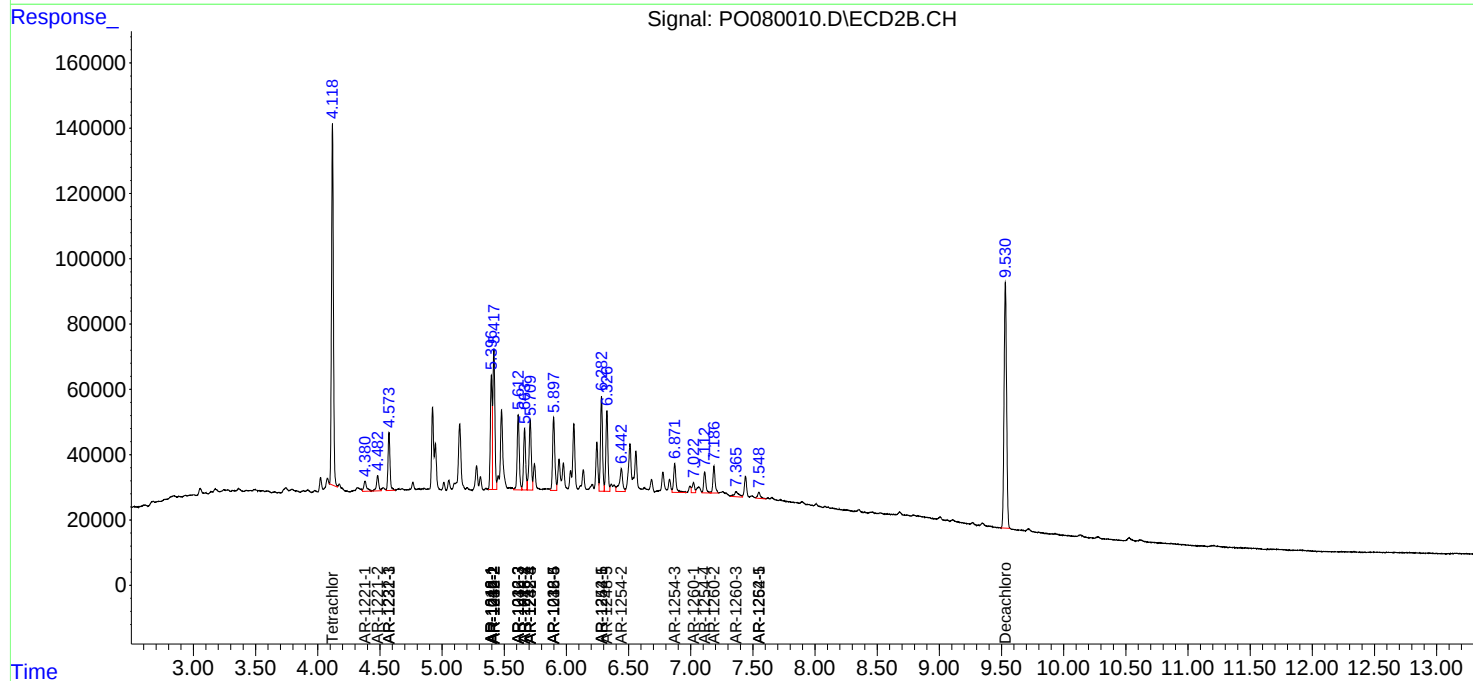
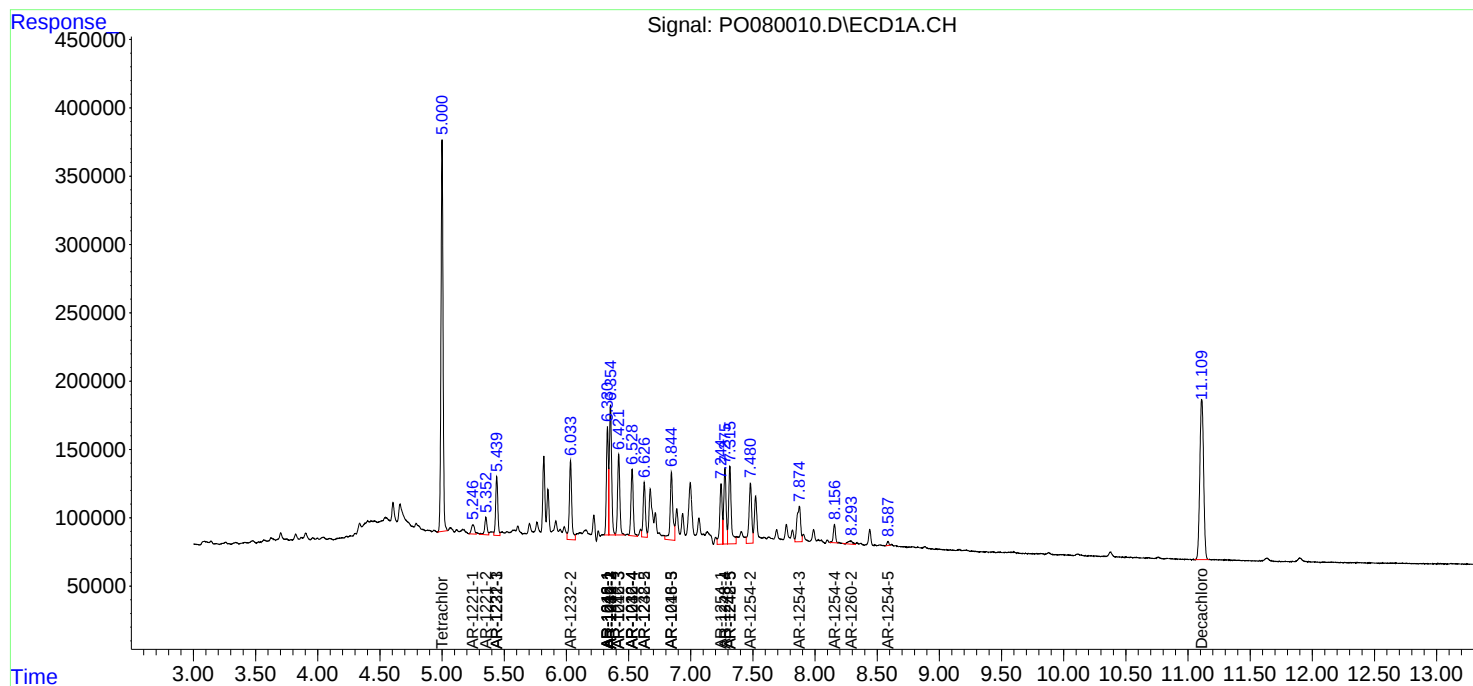
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

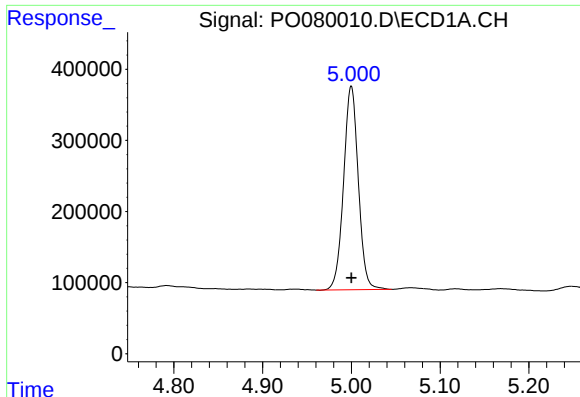
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0073021\  
Data File : P0080010.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Jul 2021 14:35  
Operator : DD\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 16:26:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 28 18:45:36 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

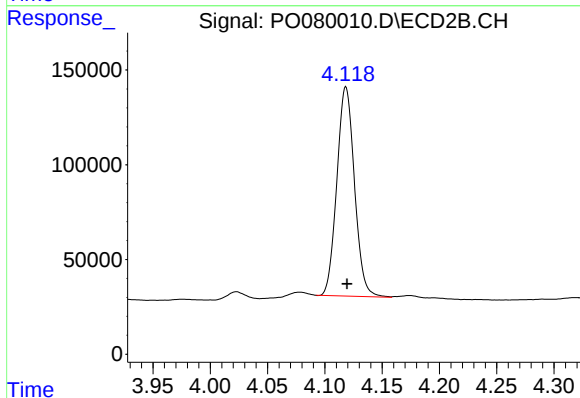




#1 Tetrachloro-m-xylene

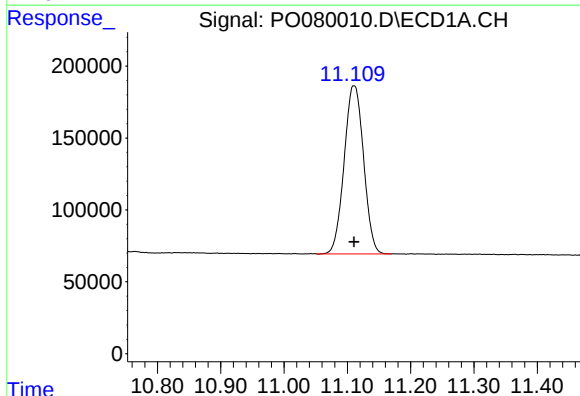
R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 3293804  
Conc: 54.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



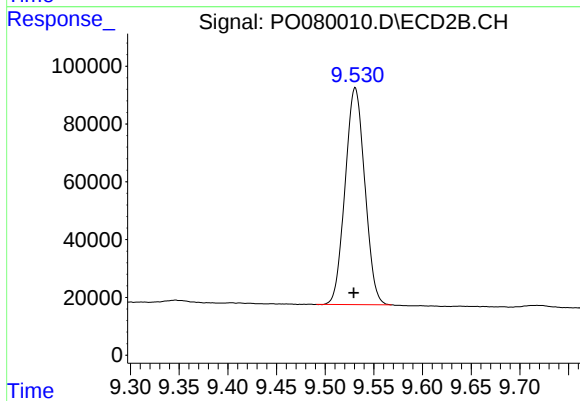
#1 Tetrachloro-m-xylene

R.T.: 4.118 min  
Delta R.T.: 0.000 min  
Response: 1181795  
Conc: 51.60 ng/ml



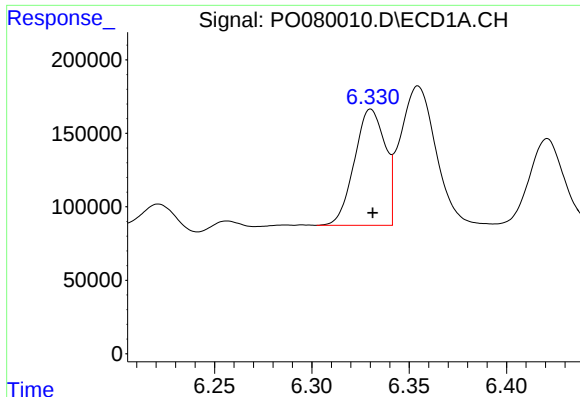
#2 Decachlorobiphenyl

R.T.: 11.110 min  
Delta R.T.: 0.000 min  
Response: 2489512  
Conc: 53.07 ng/ml



#2 Decachlorobiphenyl

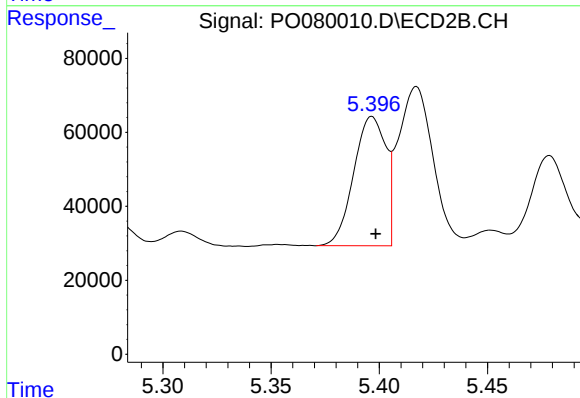
R.T.: 9.531 min  
Delta R.T.: 0.002 min  
Response: 1055065  
Conc: 50.77 ng/ml



#3 AR-1016-1

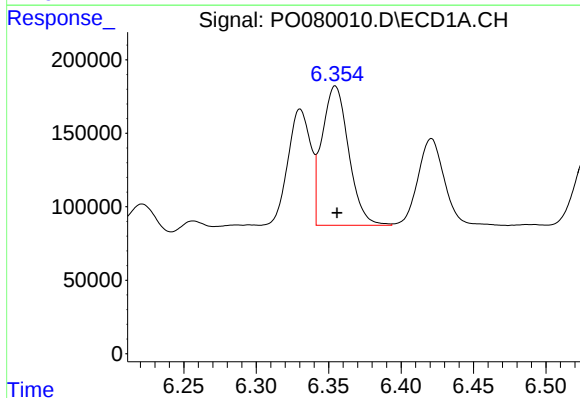
R.T.: 6.330 min  
Delta R.T.: 0.000 min  
Response: 865525  
Conc: 393.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



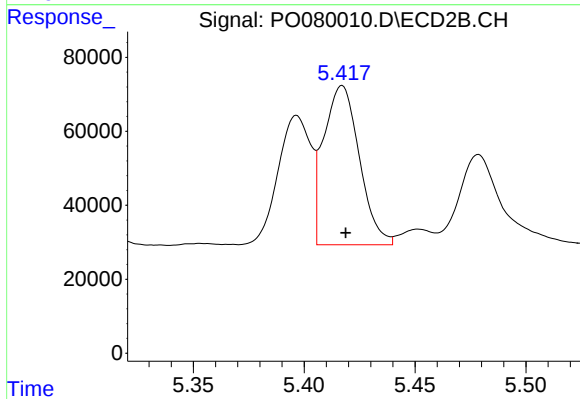
#3 AR-1016-1

R.T.: 5.397 min  
Delta R.T.: -0.002 min  
Response: 359879  
Conc: 382.88 ng/ml



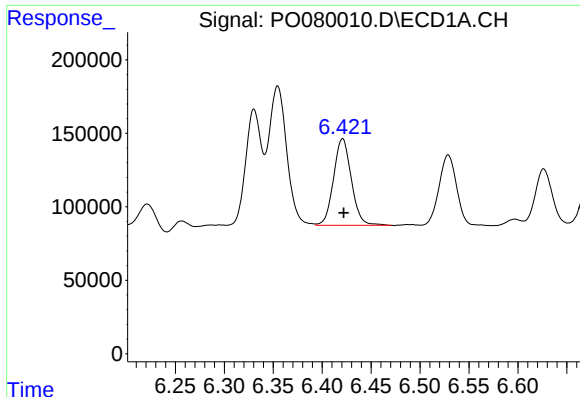
#4 AR-1016-2

R.T.: 6.355 min  
Delta R.T.: -0.001 min  
Response: 1211383  
Conc: 397.04 ng/ml



#4 AR-1016-2

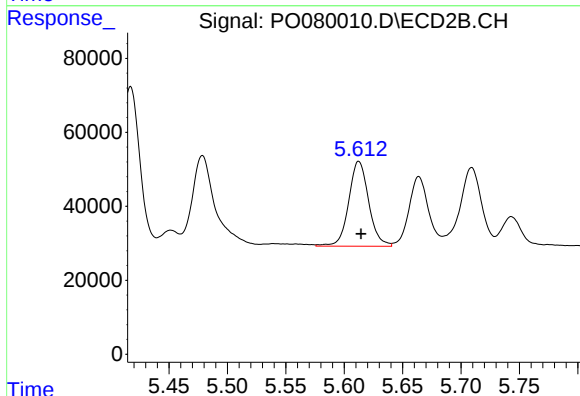
R.T.: 5.417 min  
Delta R.T.: -0.002 min  
Response: 482384  
Conc: 379.17 ng/ml



#5 AR-1016-3

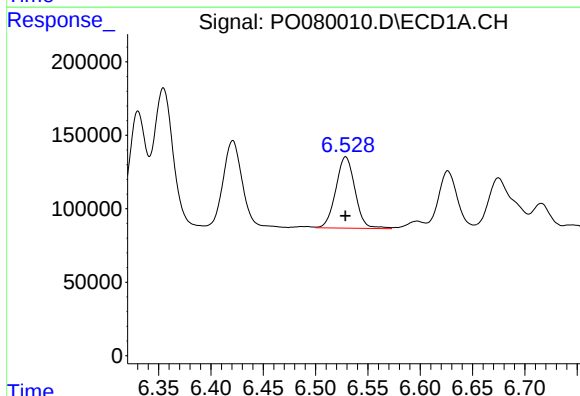
R.T.: 6.421 min  
Delta R.T.: -0.001 min  
Response: 746208  
Conc: 396.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



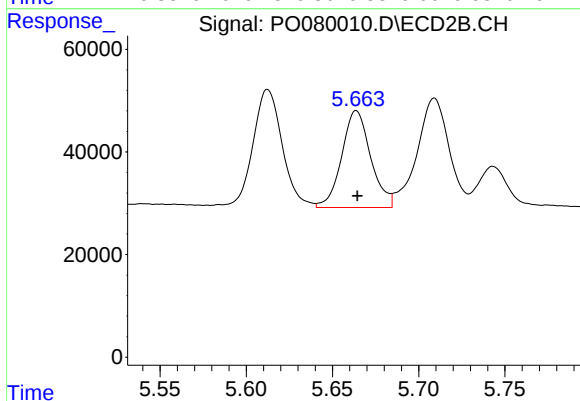
#5 AR-1016-3

R.T.: 5.612 min  
Delta R.T.: -0.002 min  
Response: 274181  
Conc: 388.90 ng/ml



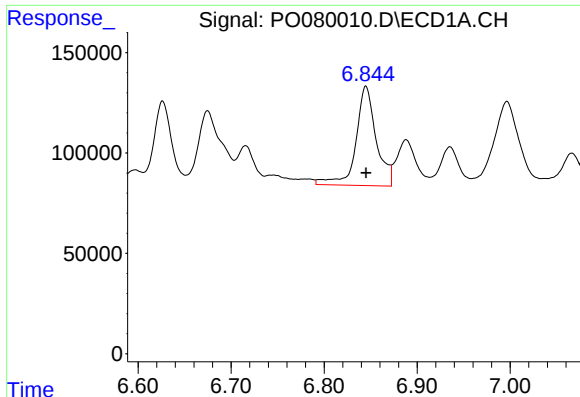
#6 AR-1016-4

R.T.: 6.529 min  
Delta R.T.: 0.000 min  
Response: 619570  
Conc: 401.83 ng/ml



#6 AR-1016-4

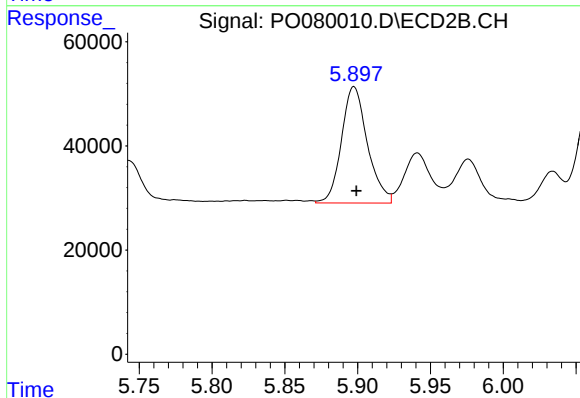
R.T.: 5.664 min  
Delta R.T.: 0.000 min  
Response: 220559  
Conc: 365.00 ng/ml



#7 AR-1016-5

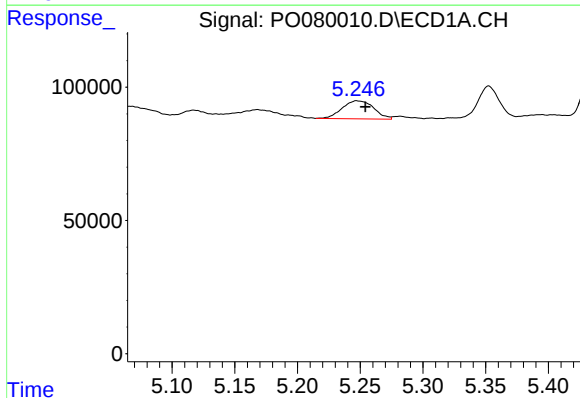
R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 750414  
Conc: 496.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



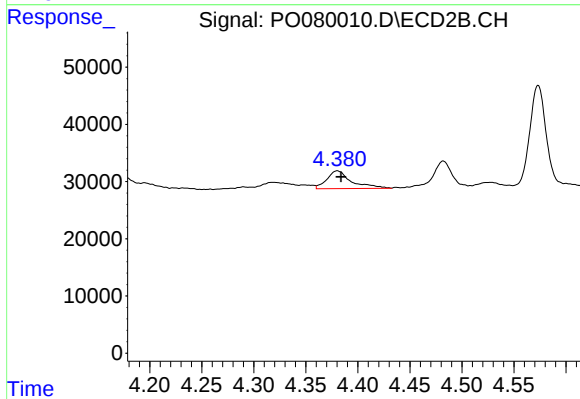
#7 AR-1016-5

R.T.: 5.898 min  
Delta R.T.: -0.002 min  
Response: 277324  
Conc: 376.57 ng/ml



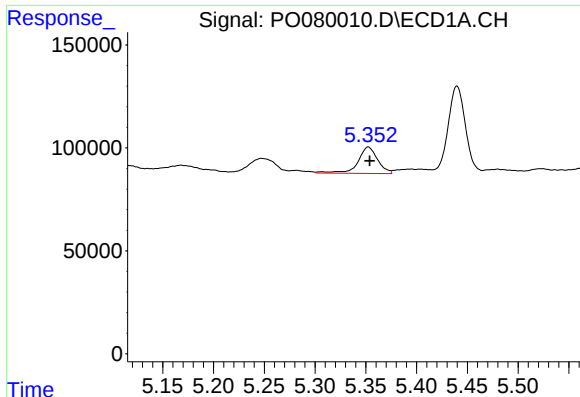
#8 AR-1221-1

R.T.: 5.247 min  
Delta R.T.: -0.007 min  
Response: 118933  
Conc: 184.57 ng/ml



#8 AR-1221-1

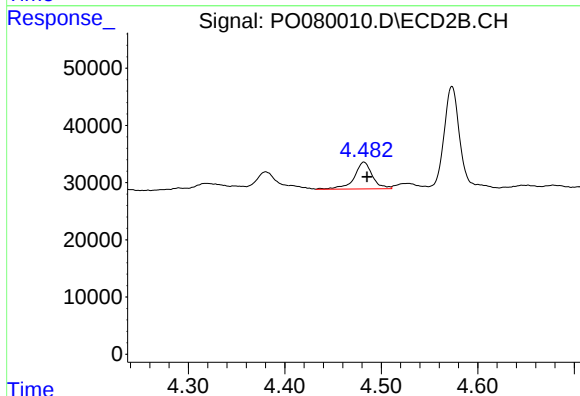
R.T.: 4.380 min  
Delta R.T.: -0.004 min  
Response: 51188  
Conc: 177.26 ng/ml



#9 AR-1221-2

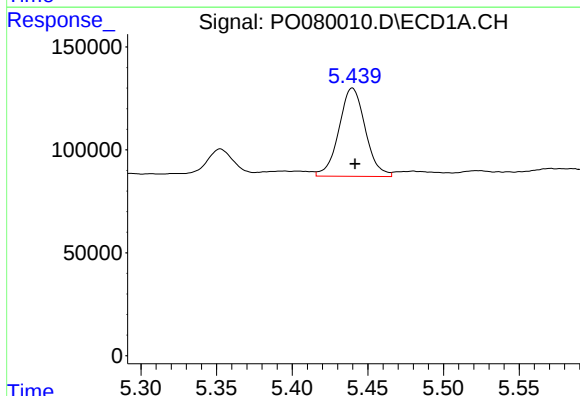
R.T.: 5.352 min  
Delta R.T.: -0.001 min  
Response: 172424  
Conc: 375.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



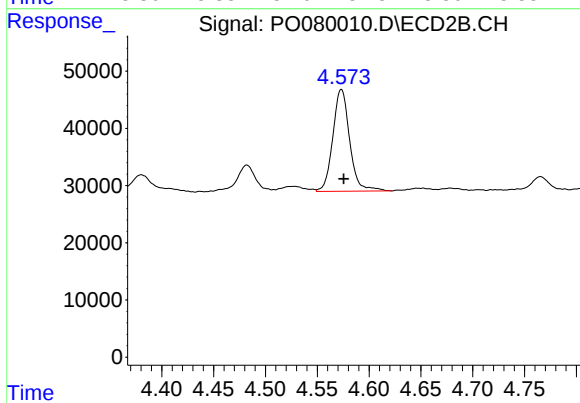
#9 AR-1221-2

R.T.: 4.482 min  
Delta R.T.: -0.003 min  
Response: 61700  
Conc: 287.69 ng/ml



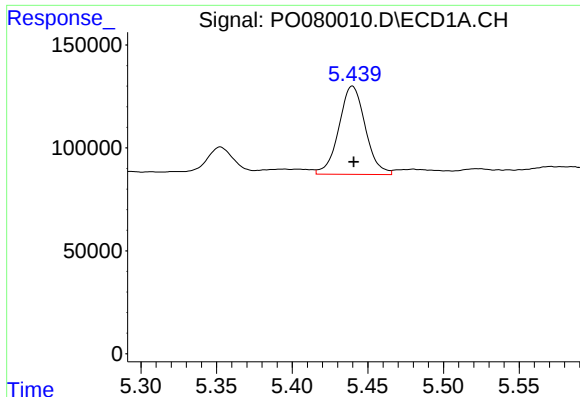
#10 AR-1221-3

R.T.: 5.440 min  
Delta R.T.: -0.002 min  
Response: 521294  
Conc: 337.83 ng/ml



#10 AR-1221-3

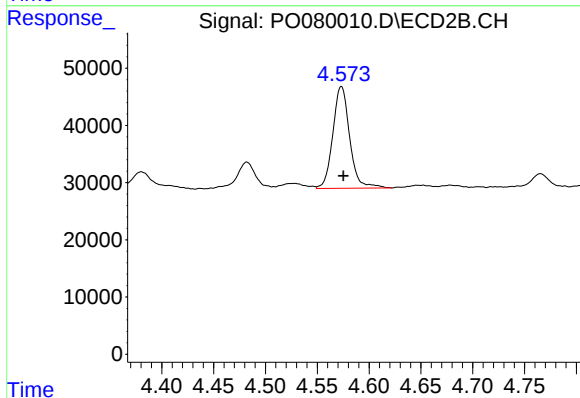
R.T.: 4.573 min  
Delta R.T.: -0.002 min  
Response: 201441  
Conc: 310.28 ng/ml



#11 AR-1232-1

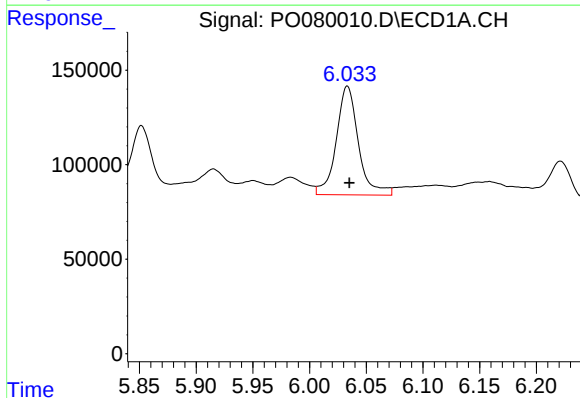
R.T.: 5.440 min  
Delta R.T.: 0.000 min  
Response: 521294  
Conc: 365.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



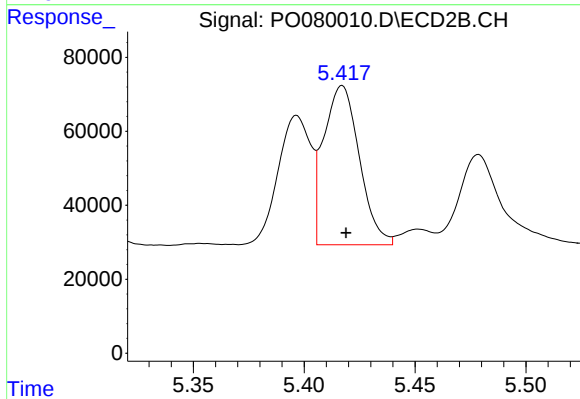
#11 AR-1232-1

R.T.: 4.573 min  
Delta R.T.: -0.002 min  
Response: 201441  
Conc: 334.06 ng/ml



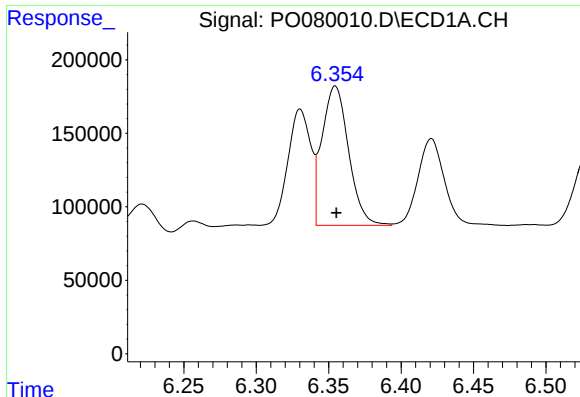
#12 AR-1232-2

R.T.: 6.033 min  
Delta R.T.: -0.002 min  
Response: 783306  
Conc: 1121.34 ng/ml



#12 AR-1232-2

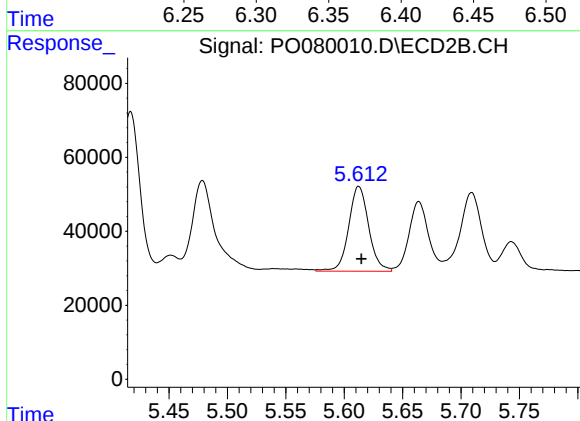
R.T.: 5.417 min  
Delta R.T.: -0.002 min  
Response: 482384  
Conc: 857.81 ng/ml



#13 AR-1232-3

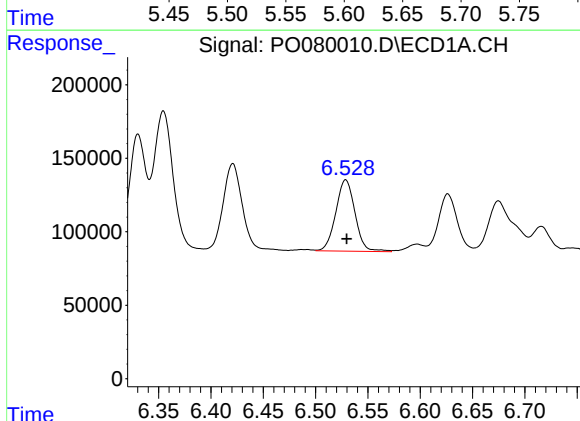
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 1211383  
Conc: 908.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



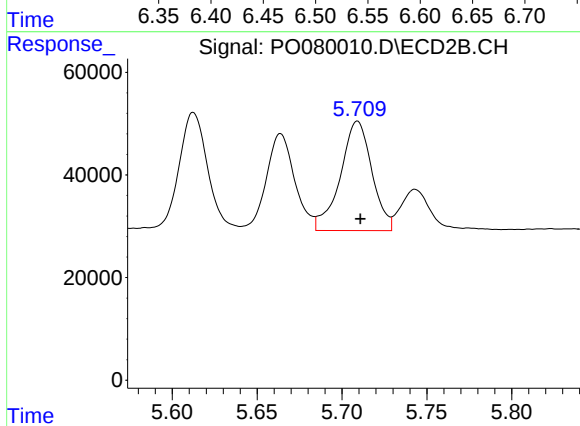
#13 AR-1232-3

R.T.: 5.612 min  
Delta R.T.: -0.002 min  
Response: 274181  
Conc: 910.71 ng/ml



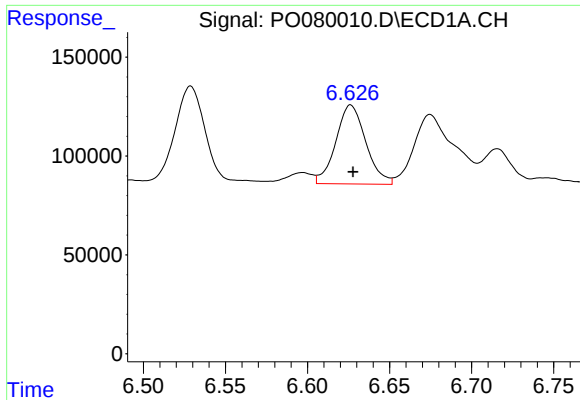
#14 AR-1232-4

R.T.: 6.529 min  
Delta R.T.: 0.000 min  
Response: 619570  
Conc: 951.35 ng/ml



#14 AR-1232-4

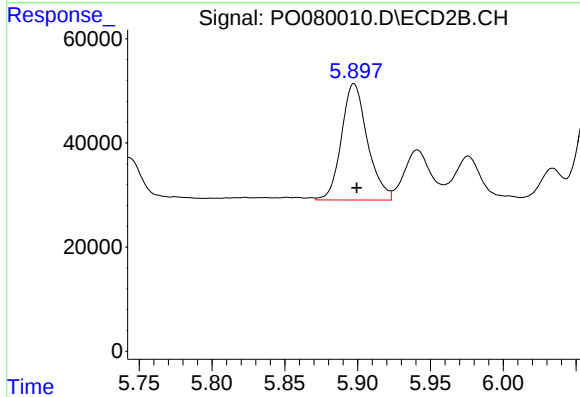
R.T.: 5.709 min  
Delta R.T.: -0.002 min  
Response: 276571  
Conc: 971.55 ng/ml



#15 AR-1232-5

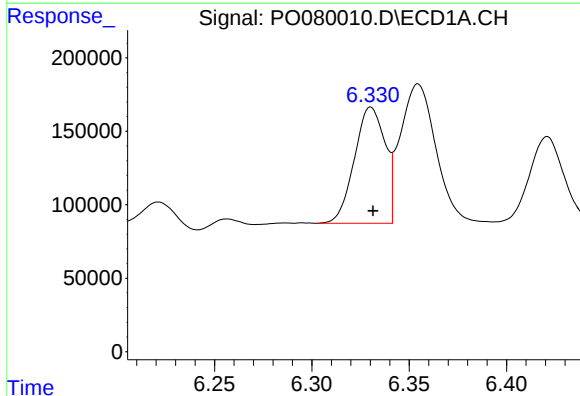
R.T.: 6.626 min  
Delta R.T.: -0.001 min  
Response: 508669  
Conc: 1139.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



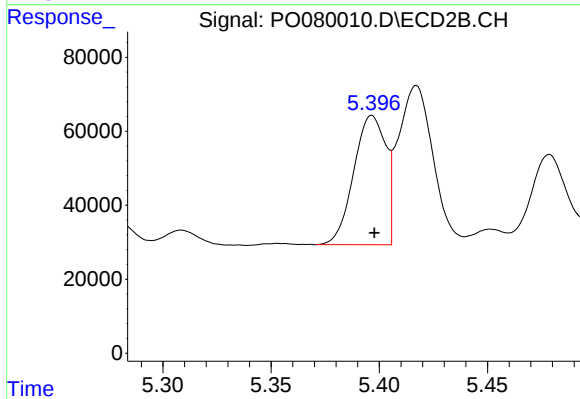
#15 AR-1232-5

R.T.: 5.898 min  
Delta R.T.: -0.002 min  
Response: 277324  
Conc: 923.45 ng/ml



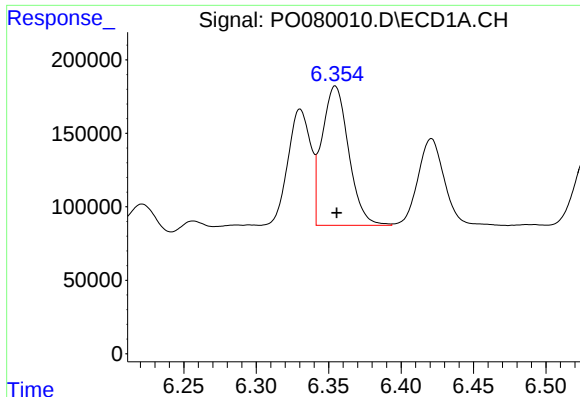
#16 AR-1242-1

R.T.: 6.330 min  
Delta R.T.: -0.001 min  
Response: 865525  
Conc: 519.31 ng/ml



#16 AR-1242-1

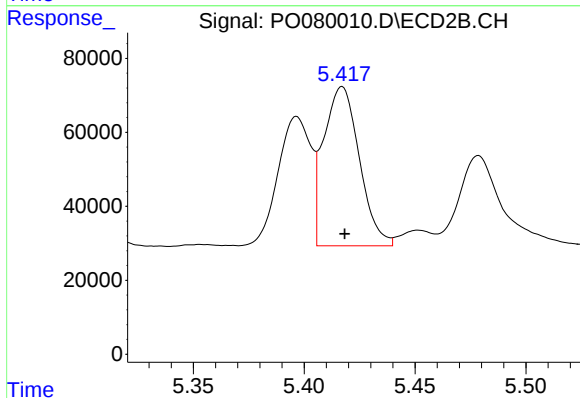
R.T.: 5.397 min  
Delta R.T.: -0.001 min  
Response: 359879  
Conc: 505.32 ng/ml



#17 AR-1242-2

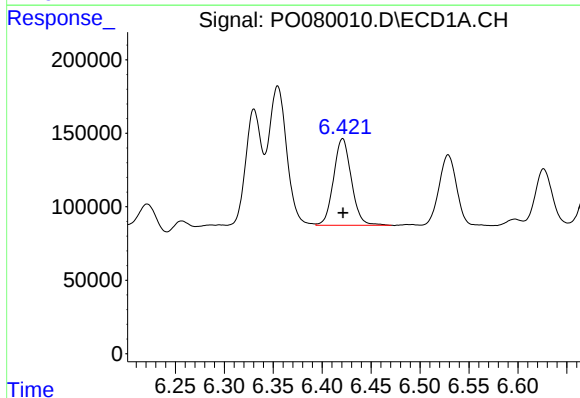
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 1211383  
Conc: 526.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



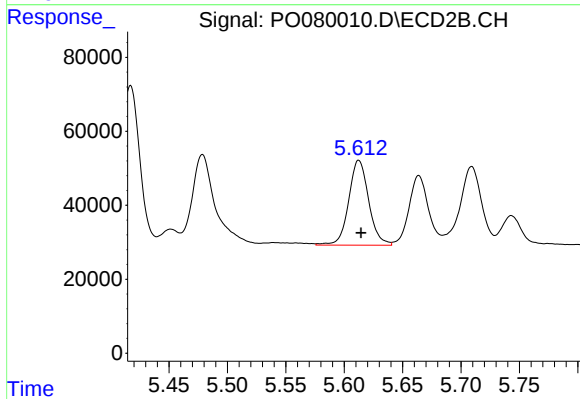
#17 AR-1242-2

R.T.: 5.417 min  
Delta R.T.: -0.001 min  
Response: 482384  
Conc: 498.14 ng/ml



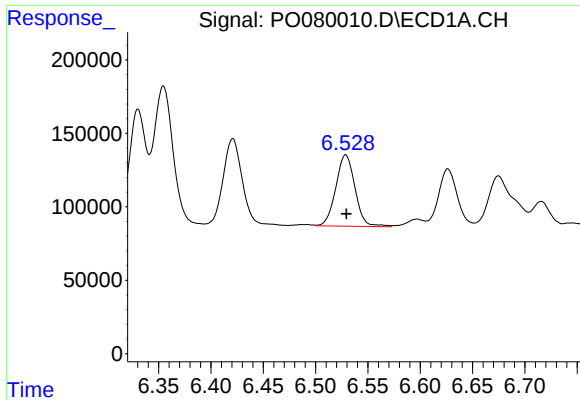
#18 AR-1242-3

R.T.: 6.421 min  
Delta R.T.: 0.000 min  
Response: 746208  
Conc: 525.65 ng/ml



#18 AR-1242-3

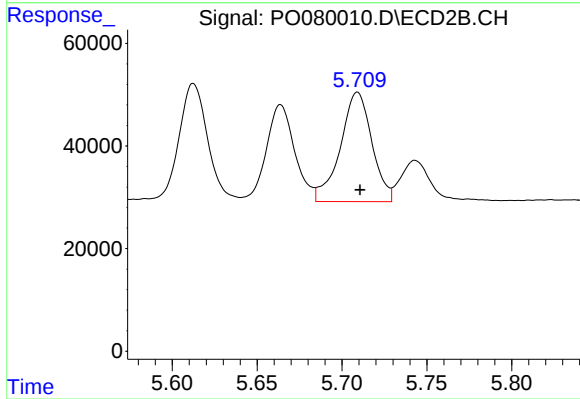
R.T.: 5.612 min  
Delta R.T.: -0.002 min  
Response: 274181  
Conc: 511.00 ng/ml



#19 AR-1242-4

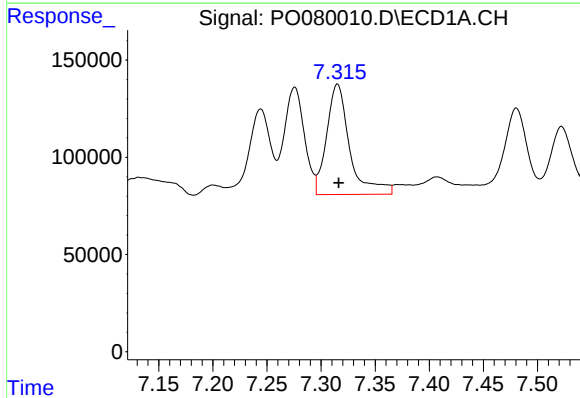
R.T.: 6.529 min  
Delta R.T.: 0.000 min  
Response: 619570  
Conc: 545.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



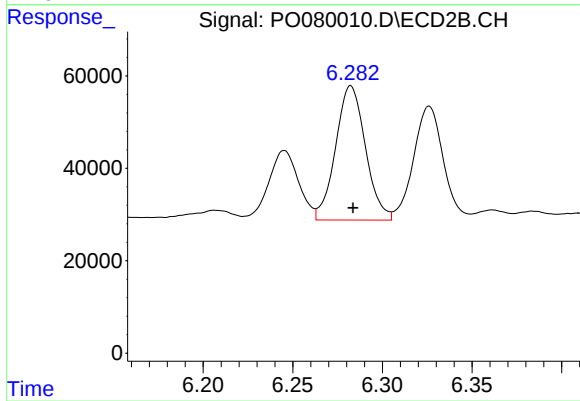
#19 AR-1242-4

R.T.: 5.709 min  
Delta R.T.: -0.001 min  
Response: 276571  
Conc: 492.54 ng/ml



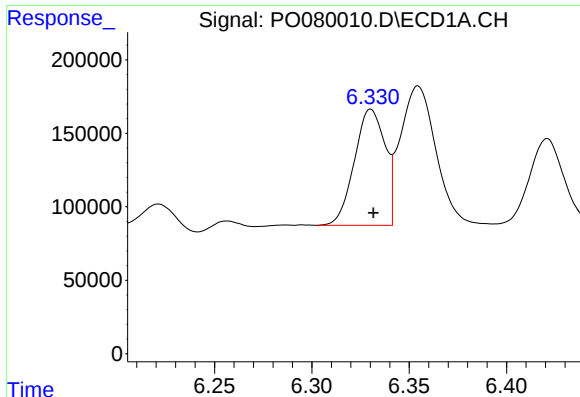
#20 AR-1242-5

R.T.: 7.315 min  
Delta R.T.: -0.001 min  
Response: 844006  
Conc: 664.79 ng/ml



#20 AR-1242-5

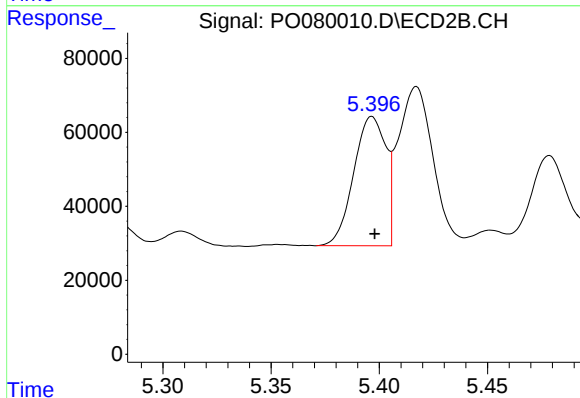
R.T.: 6.282 min  
Delta R.T.: -0.001 min  
Response: 336793  
Conc: 517.59 ng/ml



#21 AR-1248-1

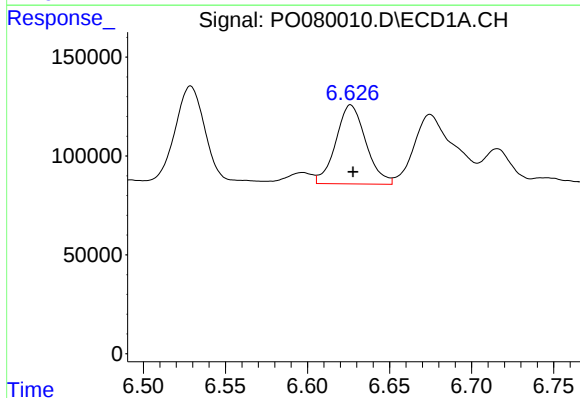
R.T.: 6.330 min  
Delta R.T.: -0.001 min  
Response: 865525  
Conc: 682.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



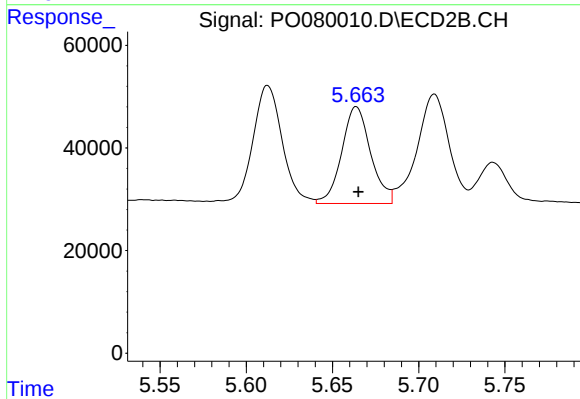
#21 AR-1248-1

R.T.: 5.397 min  
Delta R.T.: -0.001 min  
Response: 359879  
Conc: 651.72 ng/ml



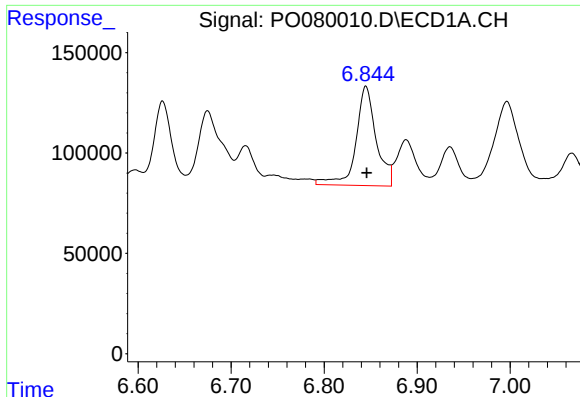
#22 AR-1248-2

R.T.: 6.626 min  
Delta R.T.: -0.001 min  
Response: 508669  
Conc: 291.78 ng/ml



#22 AR-1248-2

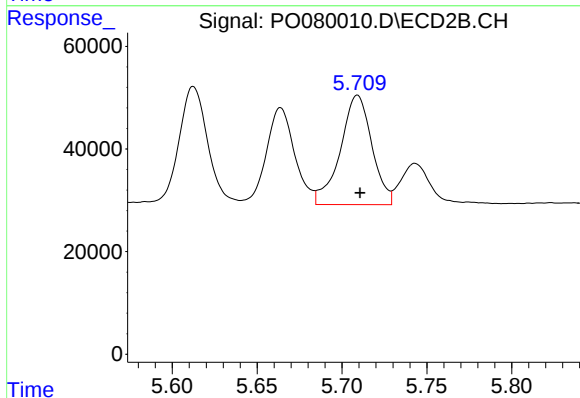
R.T.: 5.664 min  
Delta R.T.: -0.001 min  
Response: 220559  
Conc: 267.71 ng/ml



#23 AR-1248-3

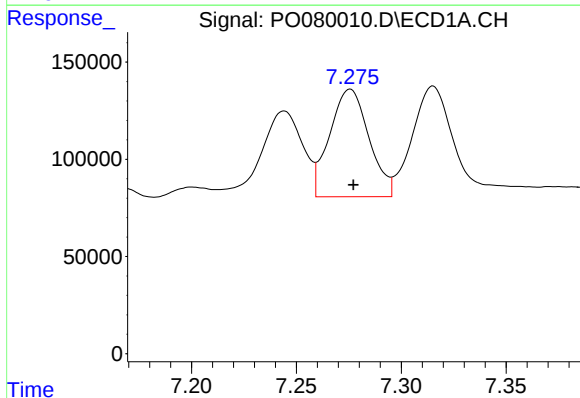
R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 750414  
Conc: 366.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



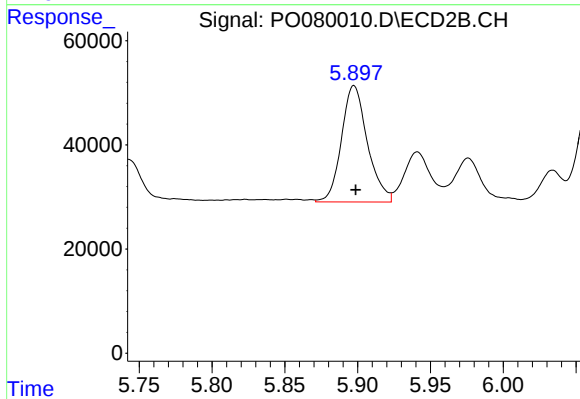
#23 AR-1248-3

R.T.: 5.709 min  
Delta R.T.: -0.001 min  
Response: 276571  
Conc: 333.26 ng/ml



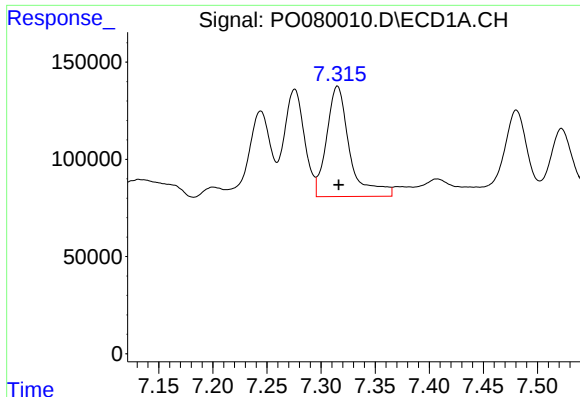
#24 AR-1248-4

R.T.: 7.276 min  
Delta R.T.: -0.001 min  
Response: 721463  
Conc: 308.20 ng/ml



#24 AR-1248-4

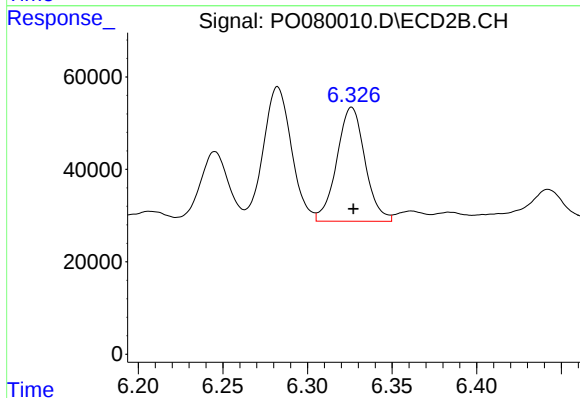
R.T.: 5.898 min  
Delta R.T.: -0.001 min  
Response: 277324  
Conc: 293.49 ng/ml



#25 AR-1248-5

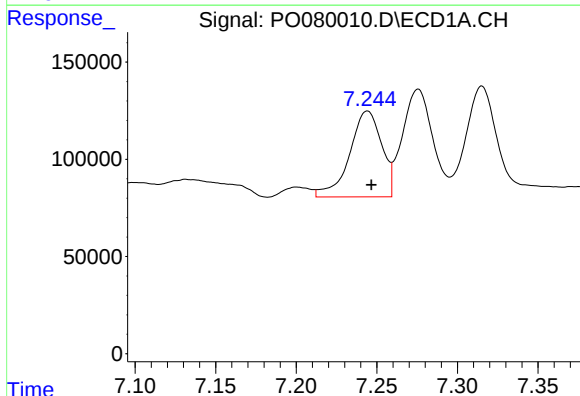
R.T.: 7.315 min  
Delta R.T.: -0.001 min  
Response: 844006  
Conc: 371.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



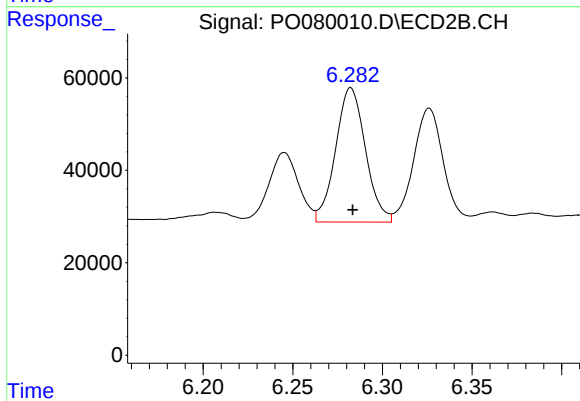
#25 AR-1248-5

R.T.: 6.326 min  
Delta R.T.: -0.001 min  
Response: 286190  
Conc: 312.13 ng/ml



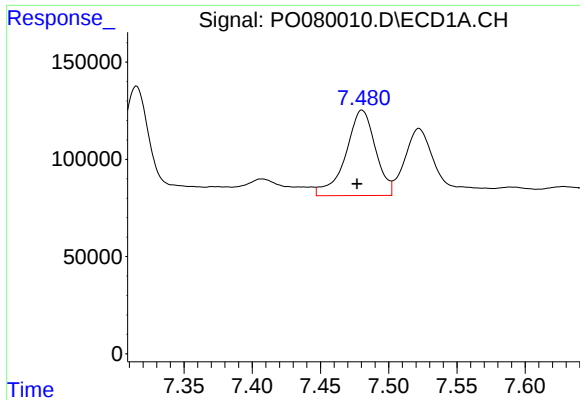
#26 AR-1254-1

R.T.: 7.244 min  
Delta R.T.: -0.002 min  
Response: 613102  
Conc: 280.67 ng/ml



#26 AR-1254-1

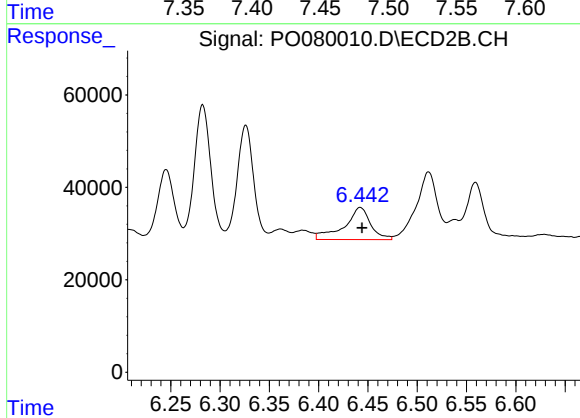
R.T.: 6.282 min  
Delta R.T.: -0.001 min  
Response: 336793  
Conc: 248.36 ng/ml



#27 AR-1254-2

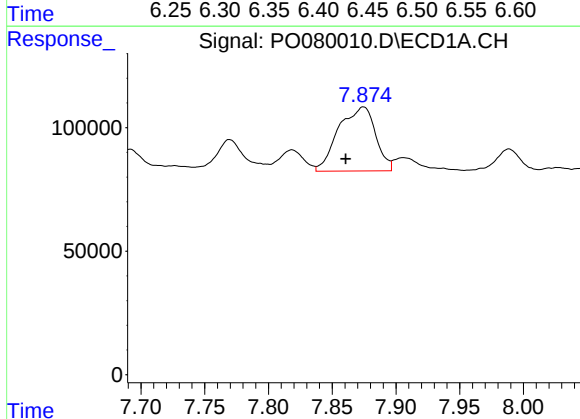
R.T.: 7.480 min  
Delta R.T.: 0.004 min  
Response: 668236  
Conc: 203.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



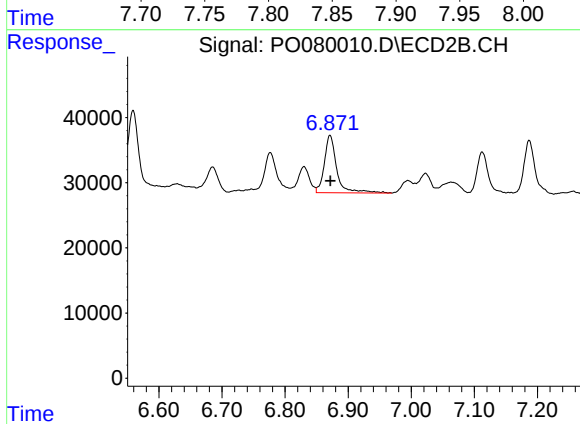
#27 AR-1254-2

R.T.: 6.442 min  
Delta R.T.: -0.002 min  
Response: 128933  
Conc: 107.53 ng/ml



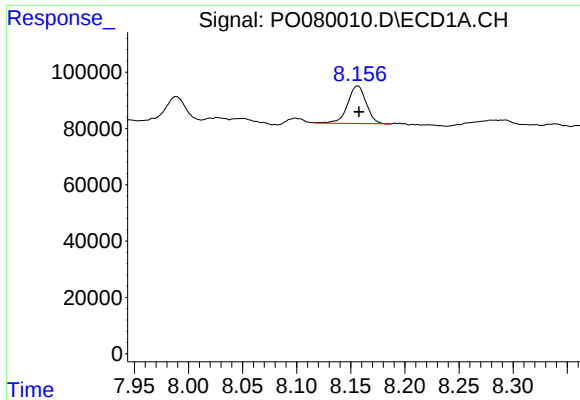
#28 AR-1254-3

R.T.: 7.875 min  
Delta R.T.: 0.014 min  
Response: 522800  
Conc: 151.84 ng/ml



#28 AR-1254-3

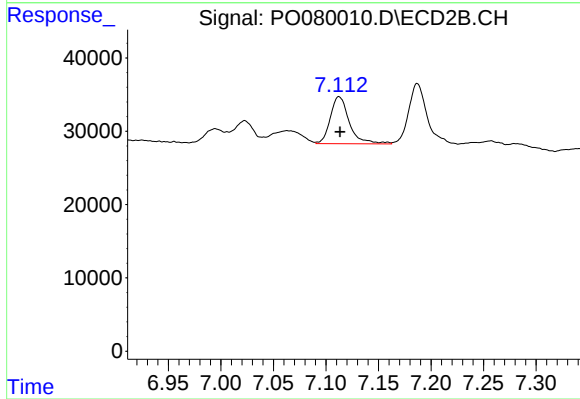
R.T.: 6.871 min  
Delta R.T.: 0.000 min  
Response: 121349  
Conc: 64.86 ng/ml



#29 AR-1254-4

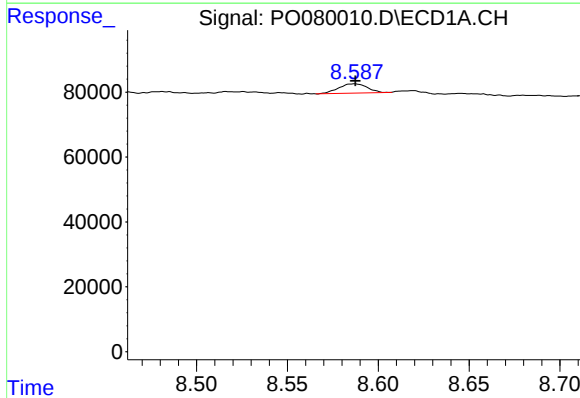
R.T.: 8.156 min  
Delta R.T.: -0.001 min  
Response: 160362  
Conc: 63.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



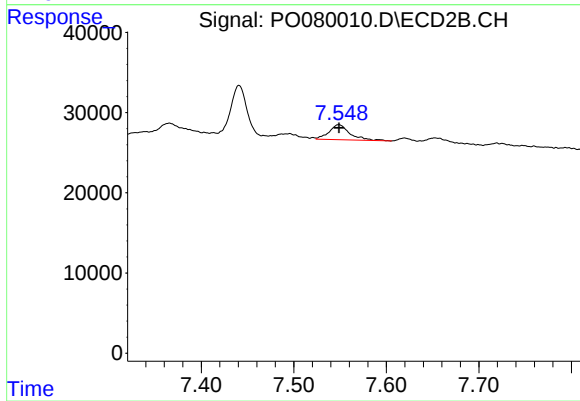
#29 AR-1254-4

R.T.: 7.113 min  
Delta R.T.: 0.000 min  
Response: 80361  
Conc: 67.88 ng/ml



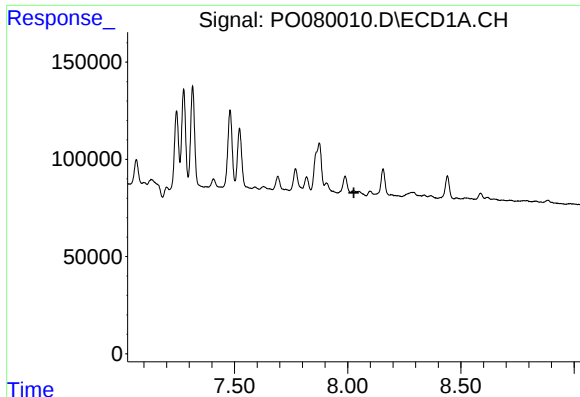
#30 AR-1254-5

R.T.: 8.587 min  
Delta R.T.: 0.000 min  
Response: 31343  
Conc: 11.79 ng/ml



#30 AR-1254-5

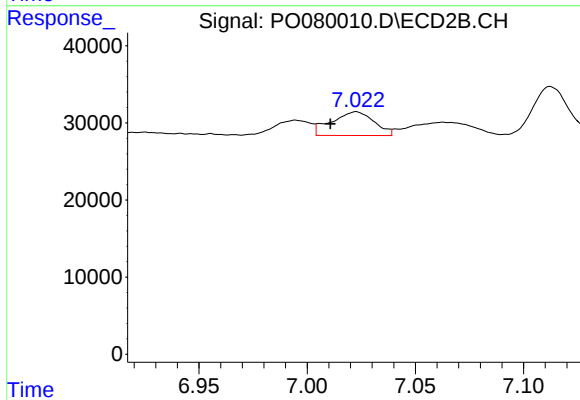
R.T.: 7.549 min  
Delta R.T.: 0.000 min  
Response: 29487  
Conc: 18.41 ng/ml



#31 AR-1260-1

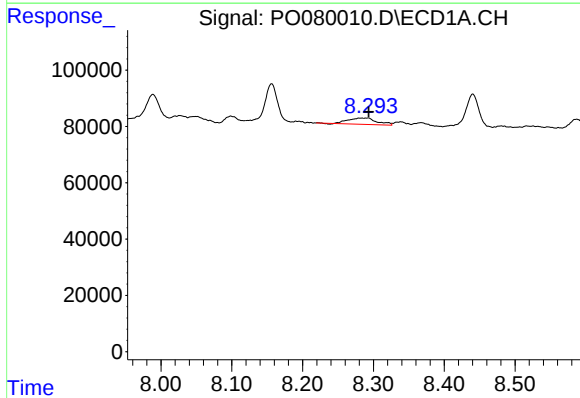
R.T.: 0.000 min  
Exp R.T.: 8.027 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



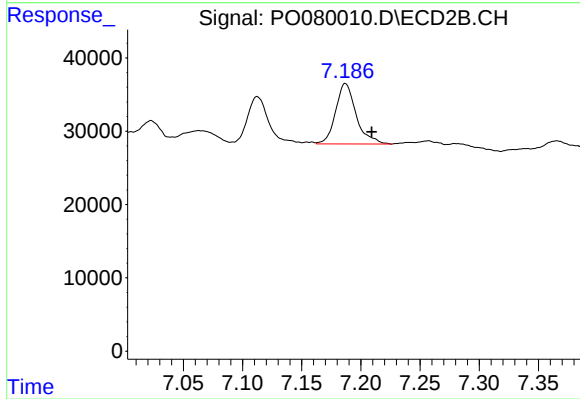
#31 AR-1260-1

R.T.: 7.023 min  
Delta R.T.: 0.012 min  
Response: 42180  
Conc: 32.59 ng/ml



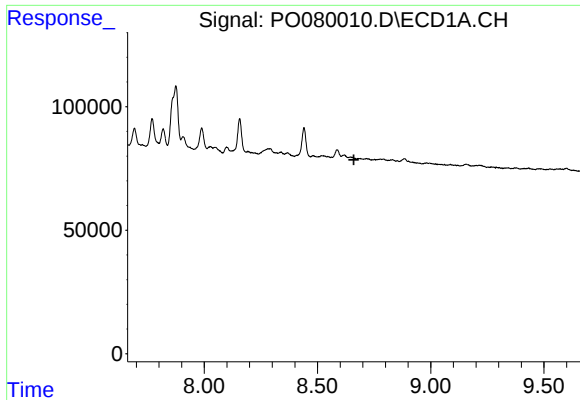
#32 AR-1260-2

R.T.: 8.292 min  
Delta R.T.: -0.002 min  
Response: 63056  
Conc: 20.52 ng/ml



#32 AR-1260-2

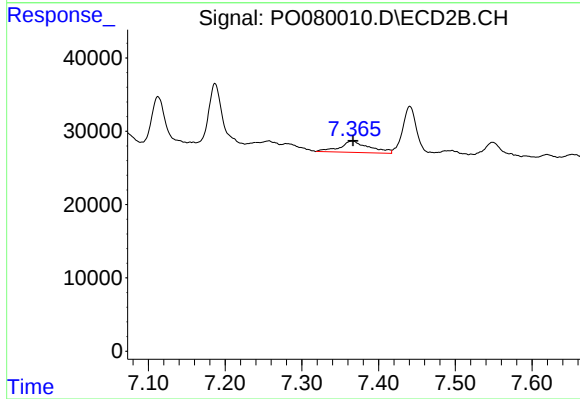
R.T.: 7.187 min  
Delta R.T.: -0.022 min  
Response: 99772  
Conc: 65.22 ng/ml



#33 AR-1260-3

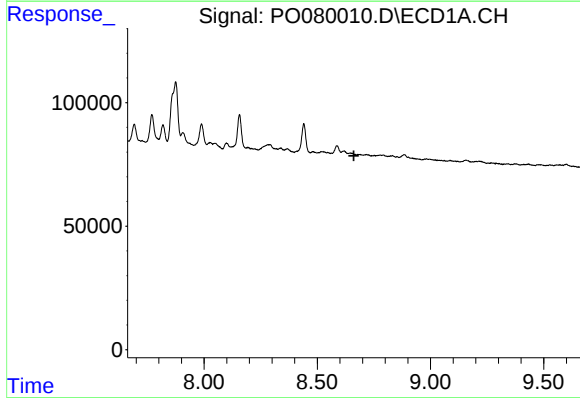
R.T.: 0.000 min  
Exp R.T.: 8.661 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



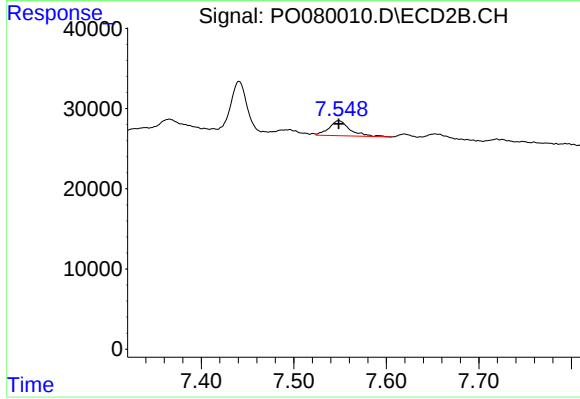
#33 AR-1260-3

R.T.: 7.366 min  
Delta R.T.: -0.001 min  
Response: 41792  
Conc: 28.62 ng/ml



#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.661 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 7.549 min  
Delta R.T.: 0.000 min  
Response: 29487  
Conc: 35.03 ng/ml