

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0091521\  
 Data File : P0081250.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Sep 2021 19:34  
 Operator : AJ\MA  
 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: Sep 16 05:45:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\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... | 4.929  | 4.055  | 4340318 | 1309743 | 54.981   | 53.000   |
| 2)                          | SA Decachlor... | 10.992 | 9.416  | 3298982 | 1252752 | 55.561   | 53.664   |
| Target Compounds            |                 |        |        |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.260  | 5.327  | 1231881 | 409183  | 434.390  | 424.235  |
| 4)                          | L1 AR-1016-2    | 6.283  | 5.347  | 1712473 | 558746  | 429.188  | 417.770  |
| 5)                          | L1 AR-1016-3    | 6.350  | 5.541  | 1076823 | 305097  | 425.527  | 426.771  |
| 6)                          | L1 AR-1016-4    | 6.457  | 5.592  | 900262  | 258813  | 424.928  | 430.558  |
| 7)                          | L1 AR-1016-5    | 6.774  | 5.824  | 938689  | 316829  | 478.166  | 420.889  |
| 8)                          | L2 AR-1221-1    | 5.178  | 4.315  | 118453  | 41764   | 121.902  | 127.586  |
| 9)                          | L2 AR-1221-2    | 5.282  | 4.416  | 190960  | 62982   | 259.768  | 255.490  |
| 10)                         | L2 AR-1221-3    | 5.370  | 4.507  | 668212  | 223933  | 293.546  | 285.894  |
| 11)                         | L3 AR-1232-1    | 5.370  | 4.507  | 668212  | 223933  | 388.416  | 368.823  |
| 12)                         | L3 AR-1232-2    | 5.962  | 5.347  | 900128  | 558746  | 916.912  | 911.580  |
| 13)                         | L3 AR-1232-3    | 6.283  | 5.541  | 1712473 | 305097  | 946.129  | 939.894  |
| 14)                         | L3 AR-1232-4    | 6.457  | 5.637  | 900262  | 311031  | 929.177  | 1031.324 |
| 15)                         | L3 AR-1232-5    | 6.556  | 5.824  | 746228  | 316829  | 1114.007 | 952.273  |
| 16)                         | L4 AR-1242-1    | 6.260  | 5.327  | 1231881 | 409183  | 562.855  | 549.329  |
| 17)                         | L4 AR-1242-2    | 6.283  | 5.347  | 1712473 | 558746  | 559.846  | 547.758  |
| 18)                         | L4 AR-1242-3    | 6.350  | 5.541  | 1076823 | 305097  | 562.629  | 549.799  |
| 19)                         | L4 AR-1242-4    | 6.457  | 5.637  | 900262  | 311031  | 583.627  | 549.766  |
| 20)                         | L4 AR-1242-5    | 7.245  | 6.206  | 947606  | 377702  | 591.456  | 521.510  |
| 21)                         | L5 AR-1248-1    | 6.260  | 5.327  | 1231881 | 409183  | 713.970  | 691.143  |
| 22)                         | L5 AR-1248-2    | 6.556  | 5.592  | 746228  | 258813  | 335.522  | 311.611  |
| 23)                         | L5 AR-1248-3    | 6.774  | 5.637  | 938689  | 311031  | 354.698  | 366.466  |
| 24)                         | L5 AR-1248-4    | 7.205  | 5.824  | 932711  | 316829  | 323.841  | 320.450  |
| 25)                         | L5 AR-1248-5    | 7.245  | 6.250  | 947606  | 282098  | 344.570  | 311.154  |
| 26)                         | L6 AR-1254-1    | 7.175  | 6.206  | 790007  | 377702  | 244.449  | 238.767  |
| 27)                         | L6 AR-1254-2    | 7.410  | 6.366  | 887707  | 116220  | 178.363  | 80.386 # |
| 28)                         | L6 AR-1254-3    | 7.789  | 6.791  | 447879  | 154620  | 88.577   | 69.110   |
| 29)                         | L6 AR-1254-4    | 8.088  | 7.031  | 298149  | 110885  | 79.782   | 78.332   |
| 30)                         | L6 AR-1254-5    | 8.517  | 7.463  | 141717  | 71683   | 34.259   | 33.974   |
| 31)                         | L7 AR-1260-1    | 7.955  | 6.938  | 75926   | 95149   | 21.843   | 64.833 # |
| 32)                         | L7 AR-1260-2    | 8.221  | 7.125  | 119803  | 38699   | 26.882   | 22.047   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.283  | 0       | 89126   | N.D.     | 48.685 # |
| 34)                         | L7 AR-1260-4    | 8.813  | 0.000  | 61700   | 0       | 19.275   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.994f | 0       | 4326    | N.D.     | 1.528 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.463  | 0       | 71683   | N.D.     | 67.491 # |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.994f | 0       | 4326    | N.D.     | 1.314 #  |
| -----                       |                 |        |        |         |         |          |          |

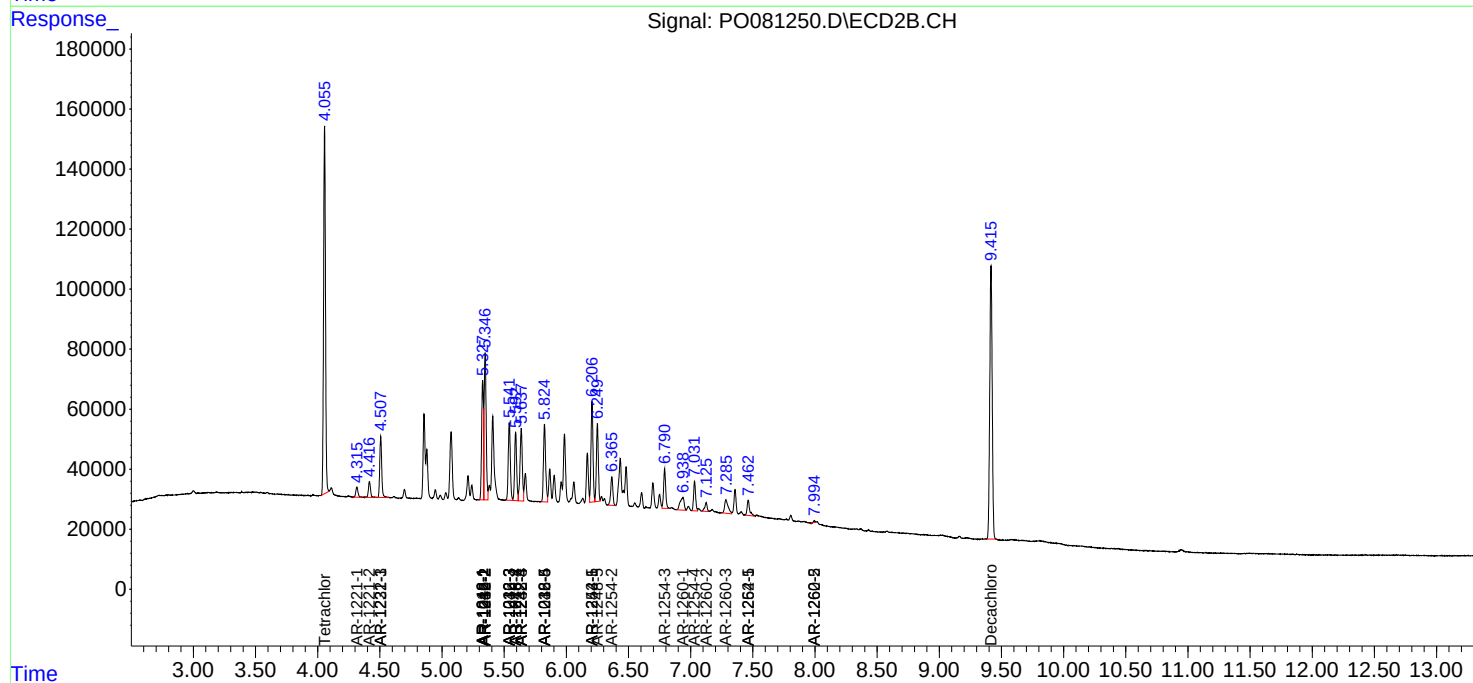
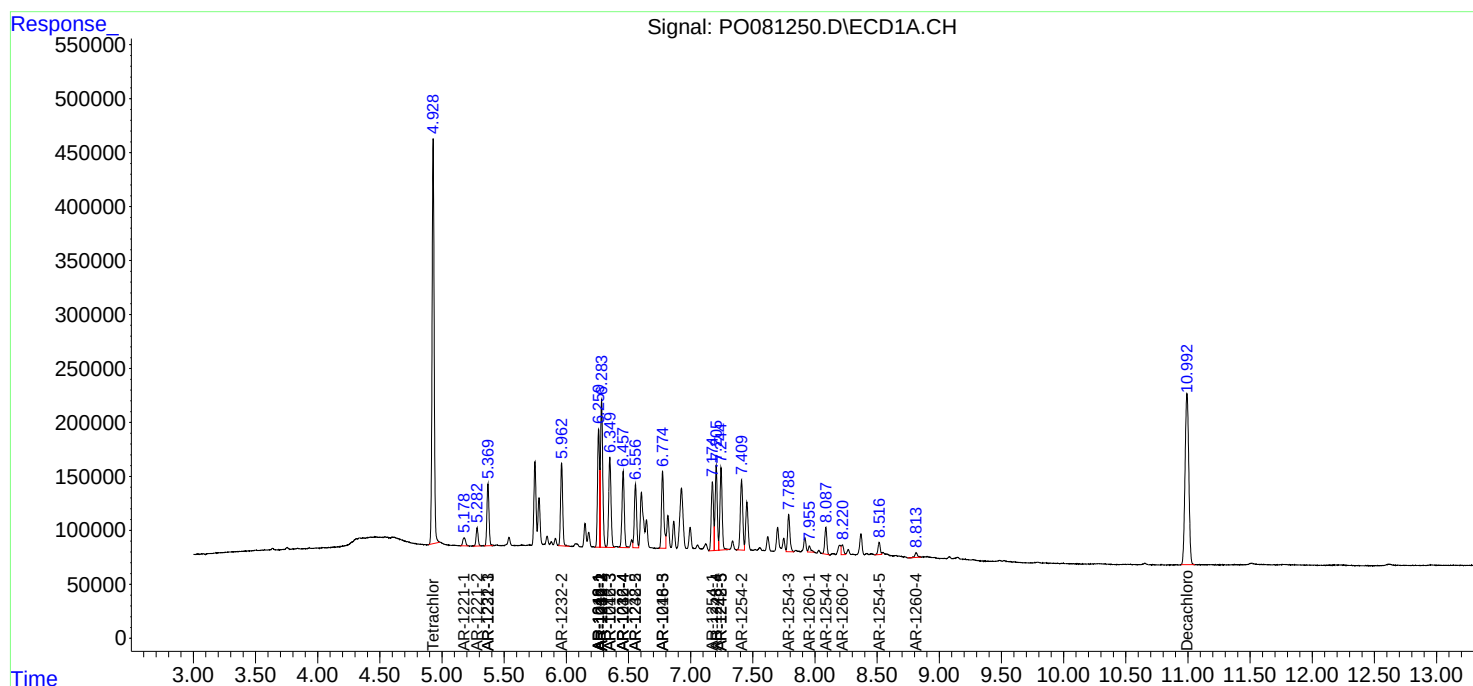
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

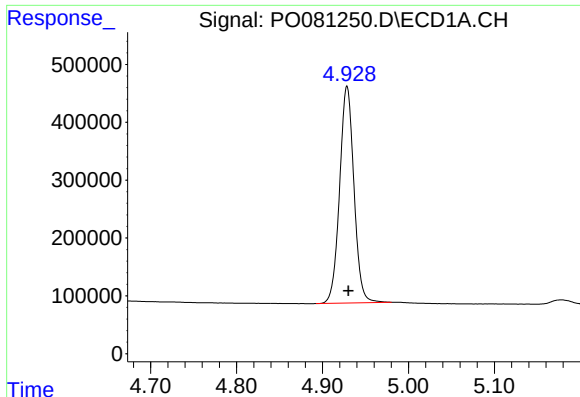
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO091521\  
Data File : PO081250.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Sep 2021 19:34  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 16 05:45:17 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO090221.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

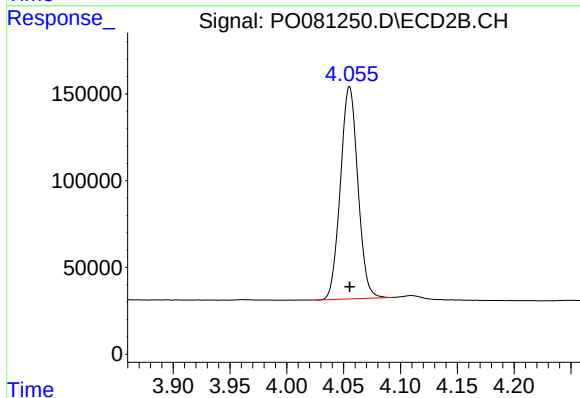




#1 Tetrachloro-m-xylene

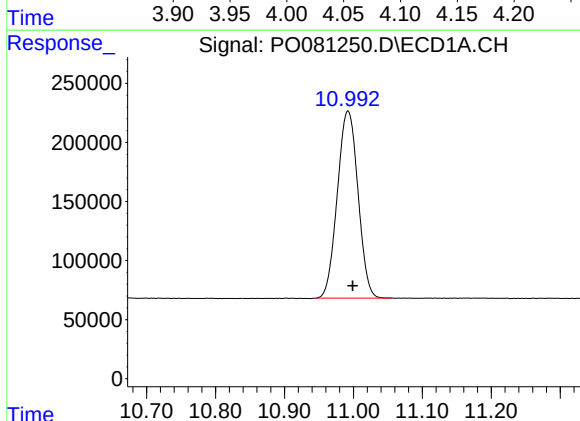
R.T.: 4.929 min  
Delta R.T.: -0.001 min  
Response: 4340318  
Conc: 54.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



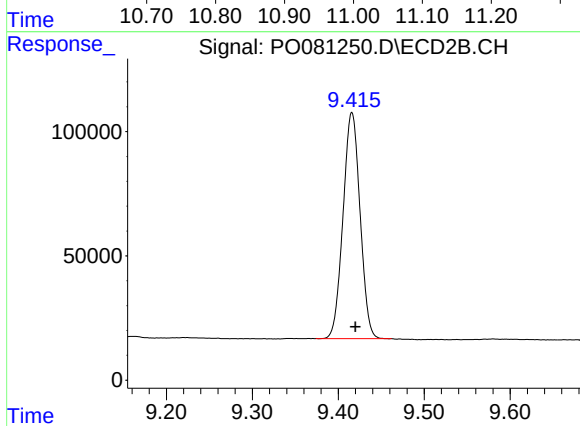
#1 Tetrachloro-m-xylene

R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 1309743  
Conc: 53.00 ng/ml



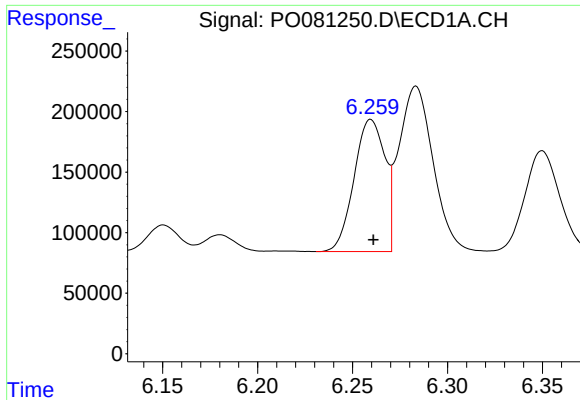
#2 Decachlorobiphenyl

R.T.: 10.992 min  
Delta R.T.: -0.007 min  
Response: 3298982  
Conc: 55.56 ng/ml



#2 Decachlorobiphenyl

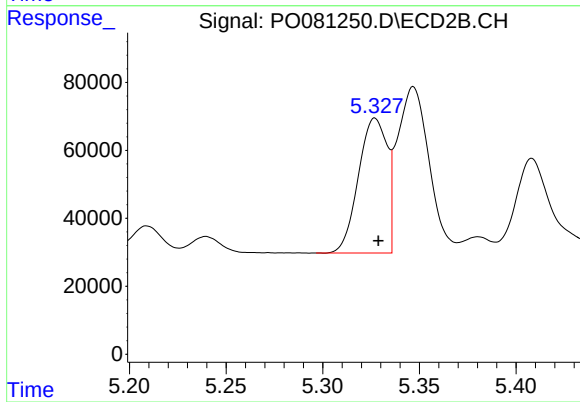
R.T.: 9.416 min  
Delta R.T.: -0.004 min  
Response: 1252752  
Conc: 53.66 ng/ml



#3 AR-1016-1

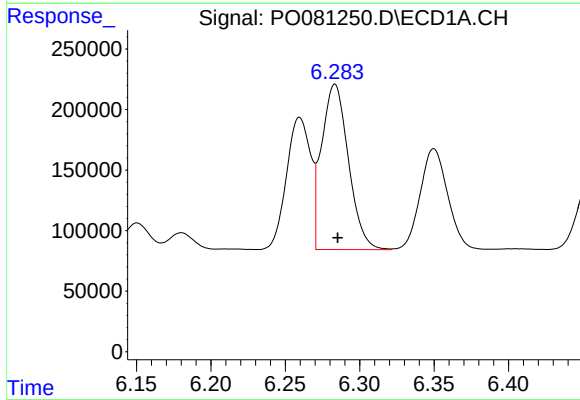
R.T.: 6.260 min  
Delta R.T.: -0.001 min  
Response: 1231881  
Conc: 434.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



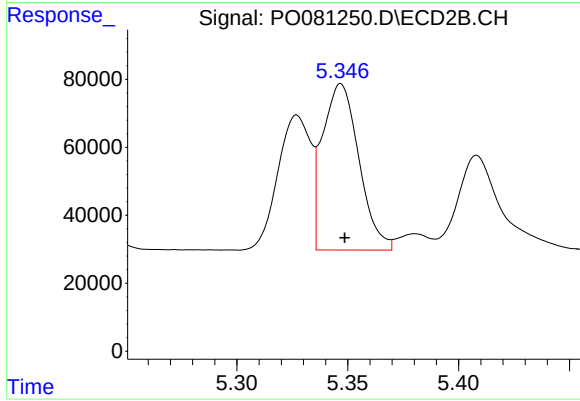
#3 AR-1016-1

R.T.: 5.327 min  
Delta R.T.: -0.002 min  
Response: 409183  
Conc: 424.24 ng/ml



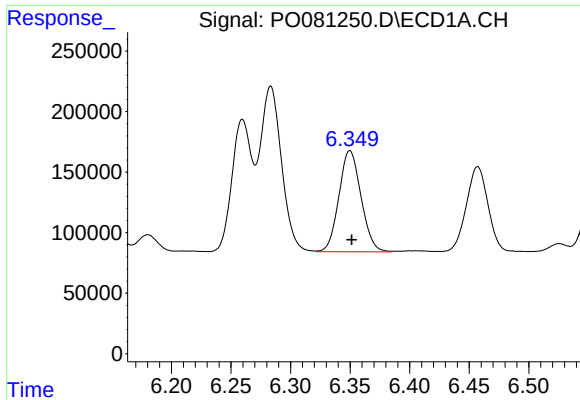
#4 AR-1016-2

R.T.: 6.283 min  
Delta R.T.: -0.002 min  
Response: 1712473  
Conc: 429.19 ng/ml



#4 AR-1016-2

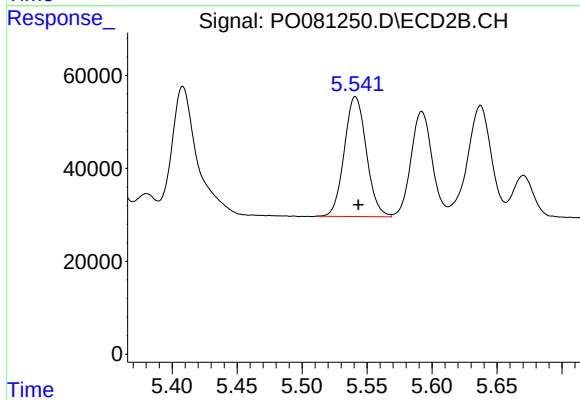
R.T.: 5.347 min  
Delta R.T.: -0.002 min  
Response: 558746  
Conc: 417.77 ng/ml



#5 AR-1016-3

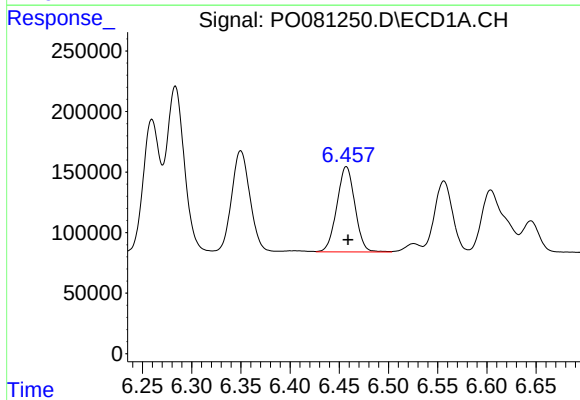
R.T.: 6.350 min  
Delta R.T.: -0.002 min  
Response: 1076823  
Conc: 425.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



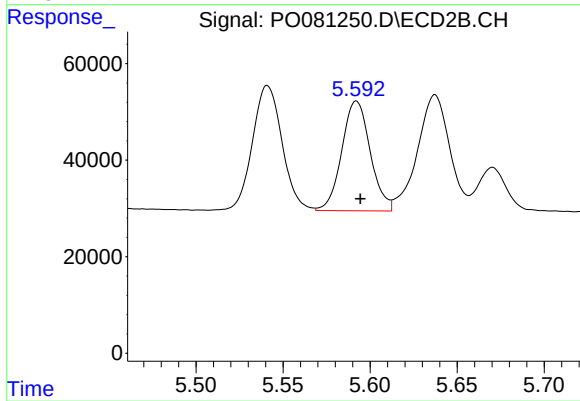
#5 AR-1016-3

R.T.: 5.541 min  
Delta R.T.: -0.002 min  
Response: 305097  
Conc: 426.77 ng/ml



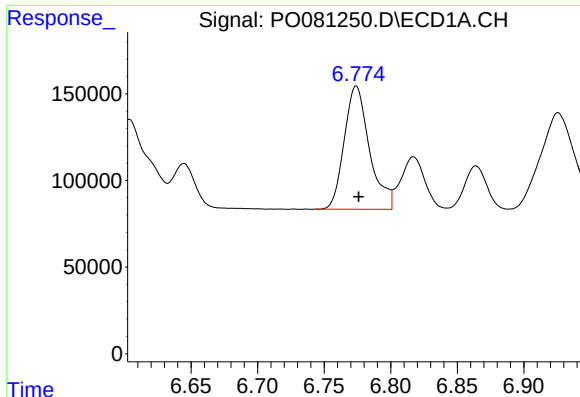
#6 AR-1016-4

R.T.: 6.457 min  
Delta R.T.: -0.002 min  
Response: 900262  
Conc: 424.93 ng/ml



#6 AR-1016-4

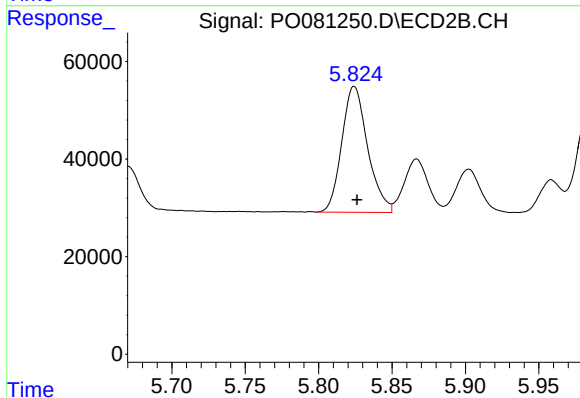
R.T.: 5.592 min  
Delta R.T.: -0.002 min  
Response: 258813  
Conc: 430.56 ng/ml



#7 AR-1016-5

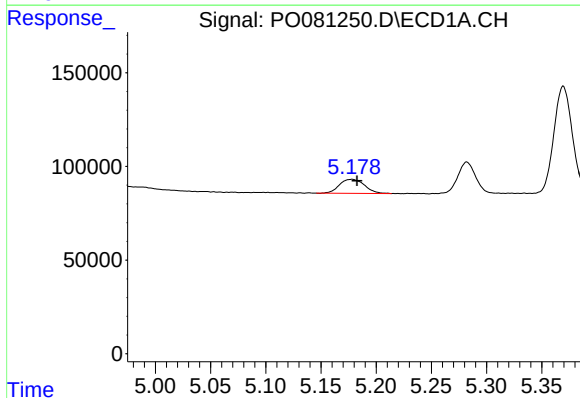
R.T.: 6.774 min  
Delta R.T.: -0.002 min  
Response: 938689  
Conc: 478.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



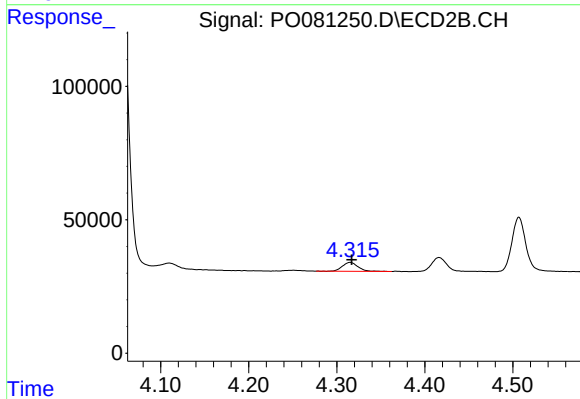
#7 AR-1016-5

R.T.: 5.824 min  
Delta R.T.: -0.002 min  
Response: 316829  
Conc: 420.89 ng/ml



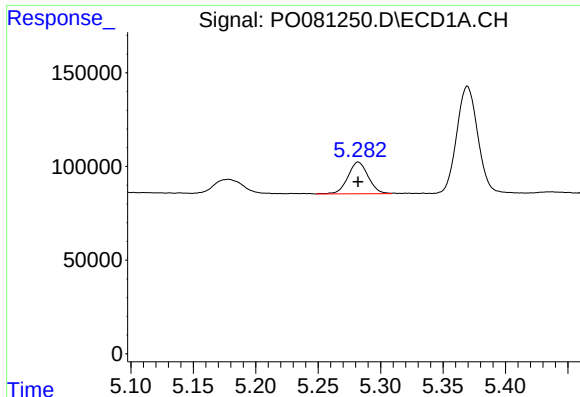
#8 AR-1221-1

R.T.: 5.178 min  
Delta R.T.: -0.004 min  
Response: 118453  
Conc: 121.90 ng/ml



#8 AR-1221-1

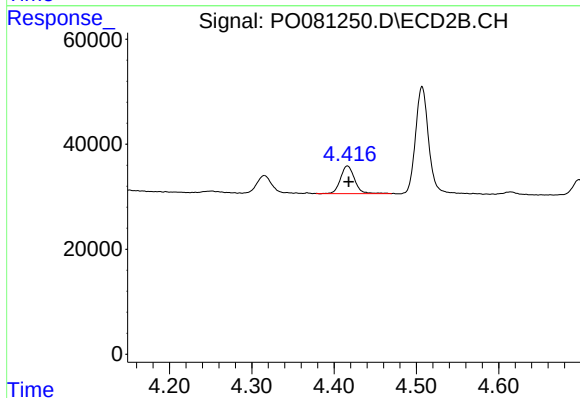
R.T.: 4.315 min  
Delta R.T.: -0.002 min  
Response: 41764  
Conc: 127.59 ng/ml



#9 AR-1221-2

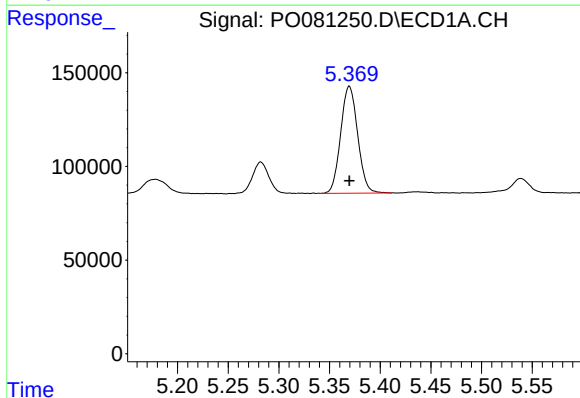
R.T.: 5.282 min  
Delta R.T.: 0.000 min  
Response: 190960  
Conc: 259.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



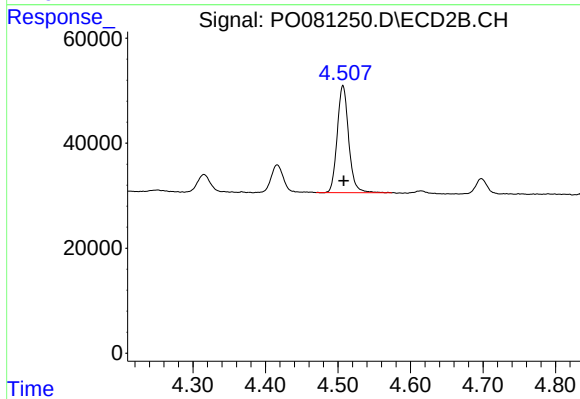
#9 AR-1221-2

R.T.: 4.416 min  
Delta R.T.: -0.002 min  
Response: 62982  
Conc: 255.49 ng/ml



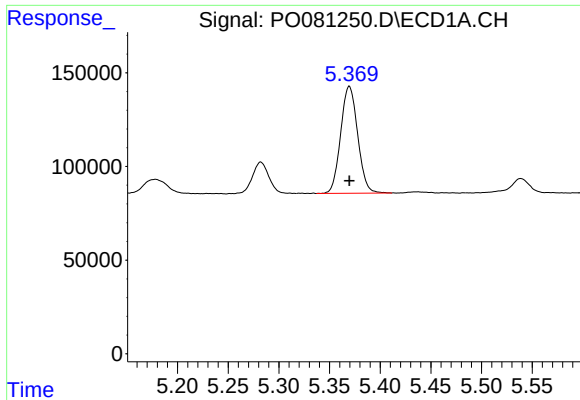
#10 AR-1221-3

R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 668212  
Conc: 293.55 ng/ml



#10 AR-1221-3

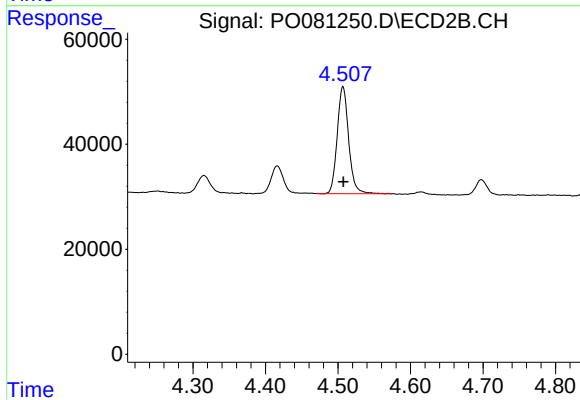
R.T.: 4.507 min  
Delta R.T.: 0.000 min  
Response: 223933  
Conc: 285.89 ng/ml



#11 AR-1232-1

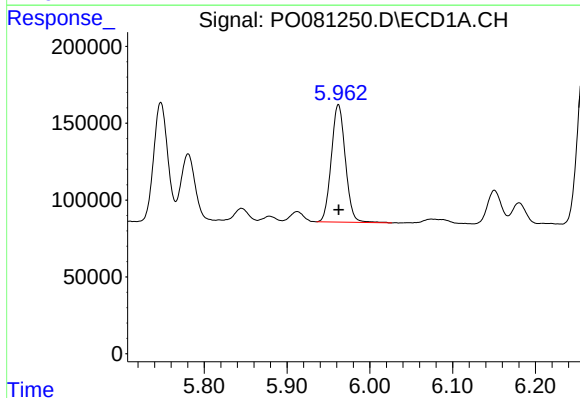
R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 668212  
Conc: 388.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



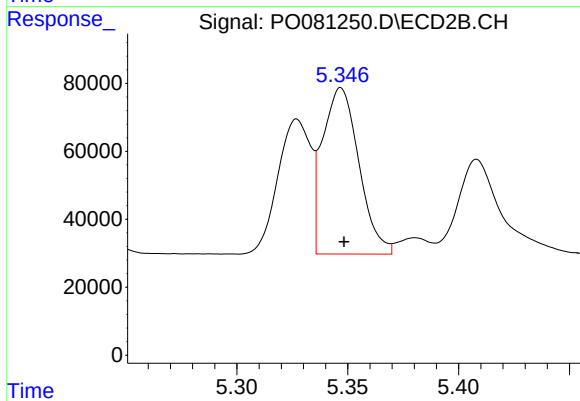
#11 AR-1232-1

R.T.: 4.507 min  
Delta R.T.: 0.000 min  
Response: 223933  
Conc: 368.82 ng/ml



#12 AR-1232-2

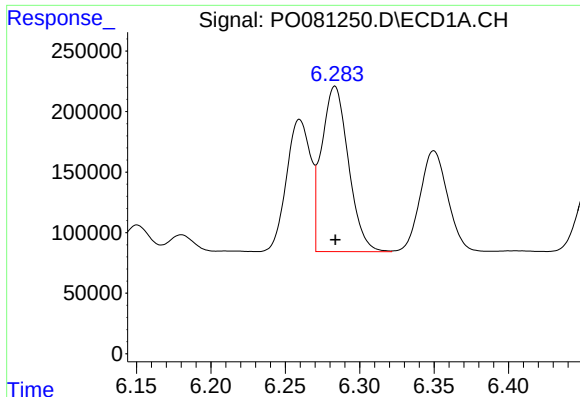
R.T.: 5.962 min  
Delta R.T.: 0.000 min  
Response: 900128  
Conc: 916.91 ng/ml



#12 AR-1232-2

R.T.: 5.347 min  
Delta R.T.: -0.001 min  
Response: 558746  
Conc: 911.58 ng/ml

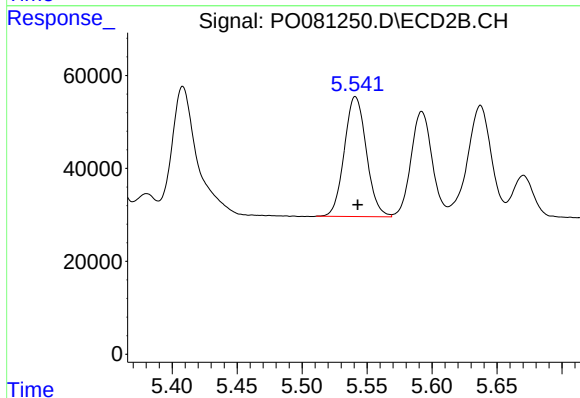




#13 AR-1232-3

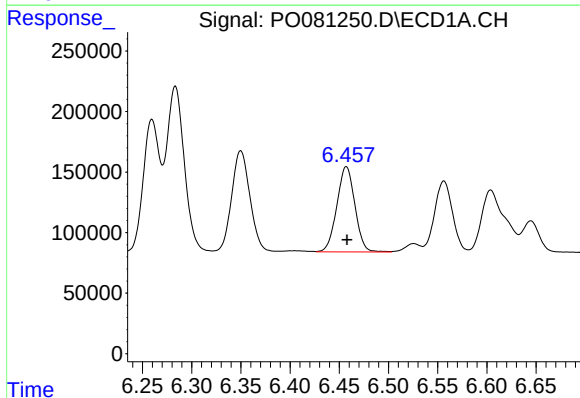
R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 1712473  
Conc: 946.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



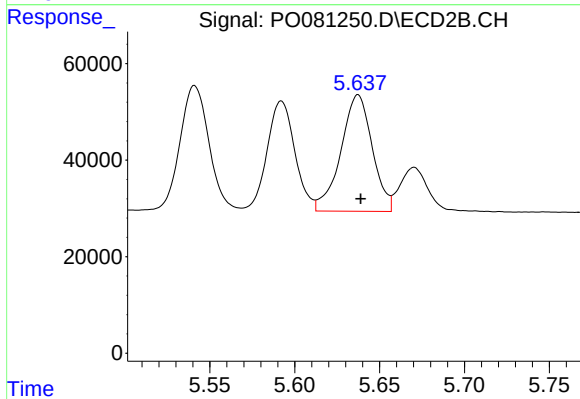
#13 AR-1232-3

R.T.: 5.541 min  
Delta R.T.: -0.002 min  
Response: 305097  
Conc: 939.89 ng/ml



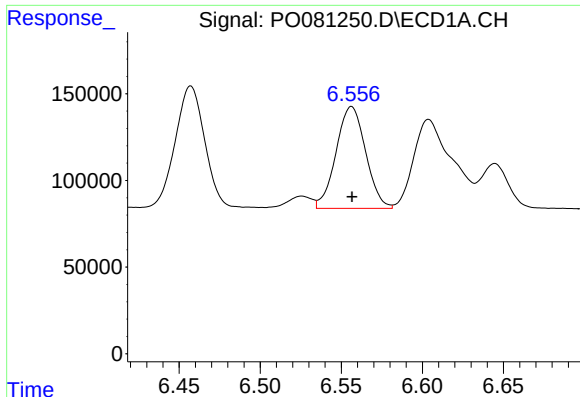
#14 AR-1232-4

R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 900262  
Conc: 929.18 ng/ml



#14 AR-1232-4

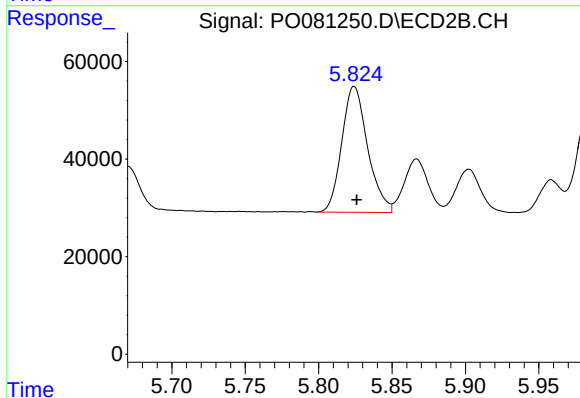
R.T.: 5.637 min  
Delta R.T.: -0.002 min  
Response: 311031  
Conc: 1031.32 ng/ml



#15 AR-1232-5

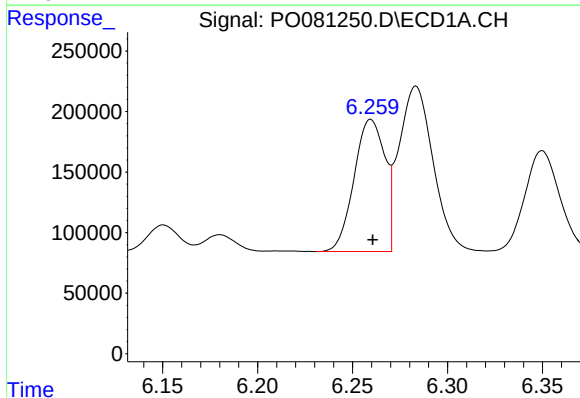
R.T.: 6.556 min  
Delta R.T.: 0.000 min  
Response: 746228  
Conc: 1114.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



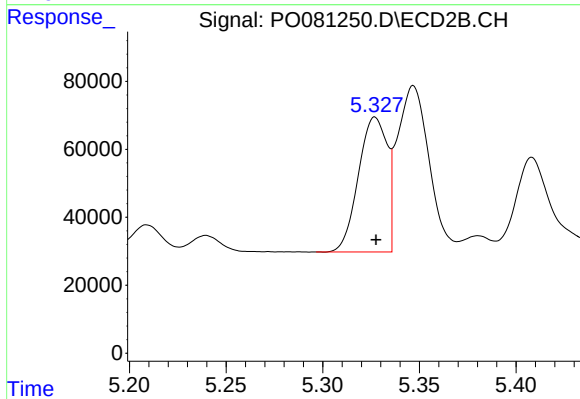
#15 AR-1232-5

R.T.: 5.824 min  
Delta R.T.: -0.002 min  
Response: 316829  
Conc: 952.27 ng/ml



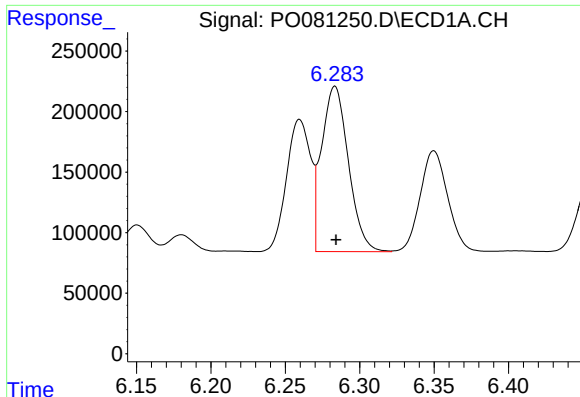
#16 AR-1242-1

R.T.: 6.260 min  
Delta R.T.: 0.000 min  
Response: 1231881  
Conc: 562.86 ng/ml



#16 AR-1242-1

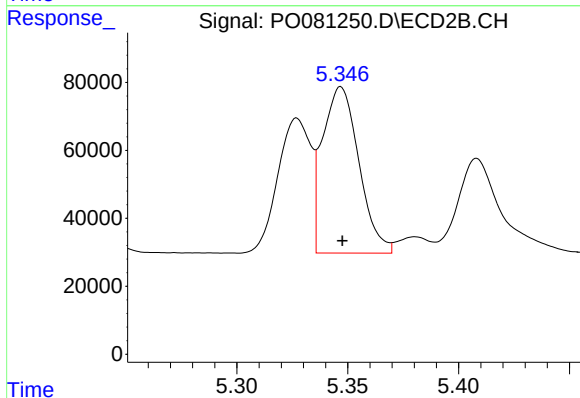
R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 409183  
Conc: 549.33 ng/ml



#17 AR-1242-2

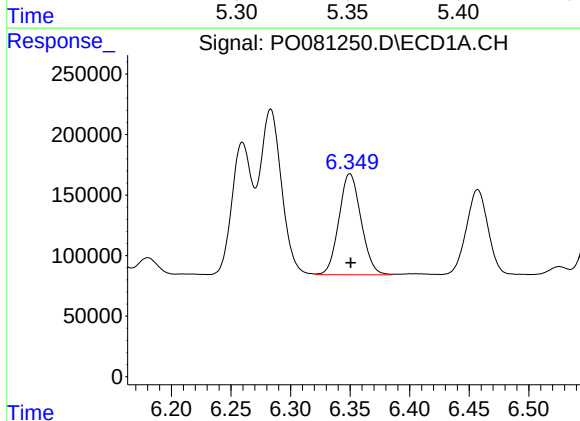
R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 1712473  
Conc: 559.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



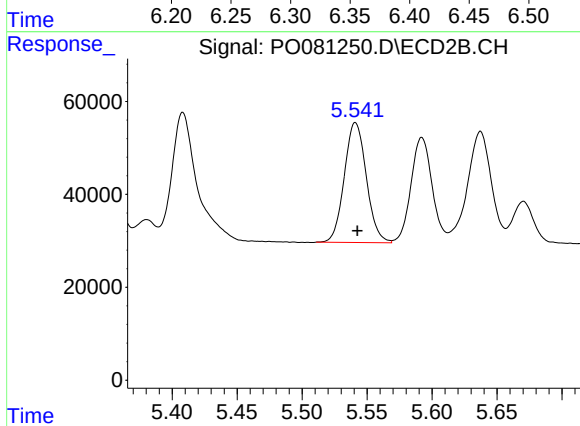
#17 AR-1242-2

R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 558746  
Conc: 547.76 ng/ml



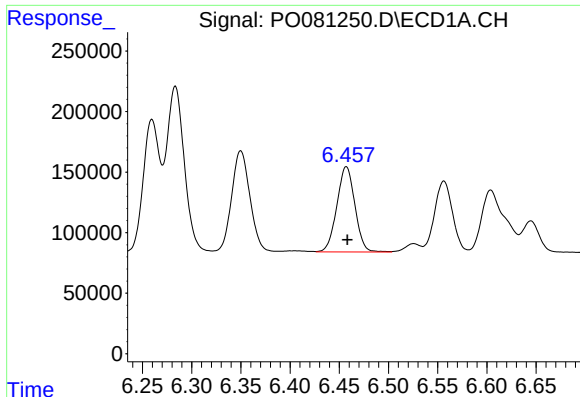
#18 AR-1242-3

R.T.: 6.350 min  
Delta R.T.: 0.000 min  
Response: 1076823  
Conc: 562.63 ng/ml



#18 AR-1242-3

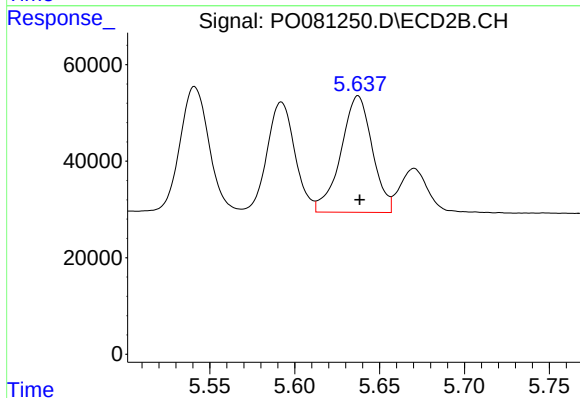
R.T.: 5.541 min  
Delta R.T.: -0.001 min  
Response: 305097  
Conc: 549.80 ng/ml



#19 AR-1242-4

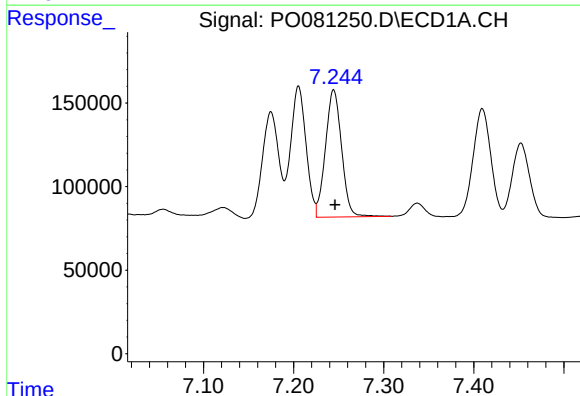
R.T.: 6.457 min  
Delta R.T.: -0.001 min  
Response: 900262  
Conc: 583.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



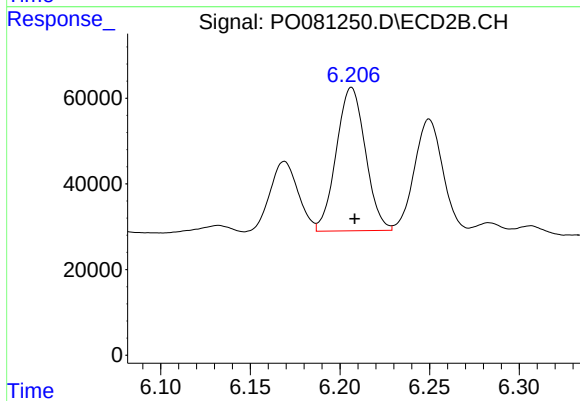
#19 AR-1242-4

R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 311031  
Conc: 549.77 ng/ml



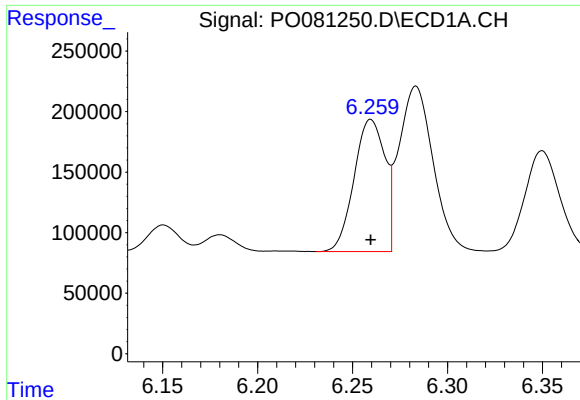
#20 AR-1242-5

R.T.: 7.245 min  
Delta R.T.: -0.002 min  
Response: 947606  
Conc: 591.46 ng/ml



#20 AR-1242-5

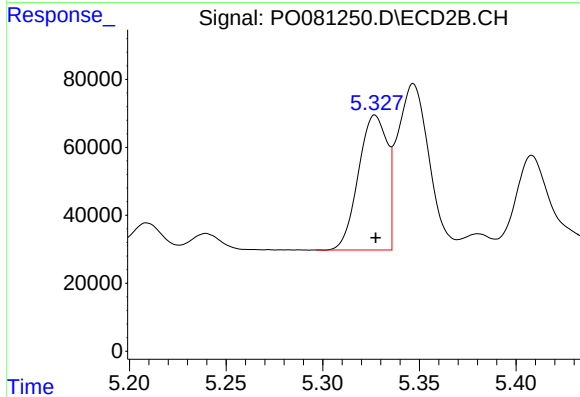
R.T.: 6.206 min  
Delta R.T.: -0.002 min  
Response: 377702  
Conc: 521.51 ng/ml



#21 AR-1248-1

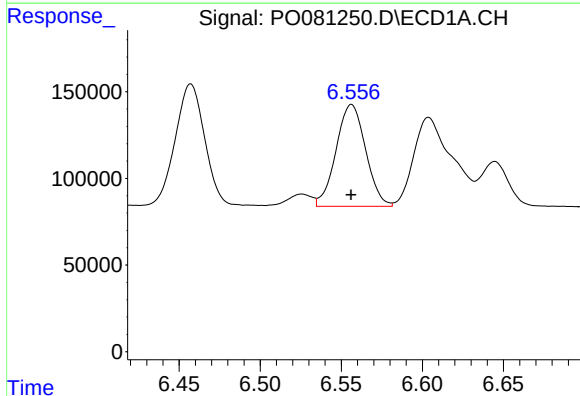
R.T.: 6.260 min  
Delta R.T.: 0.000 min  
Response: 1231881  
Conc: 713.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



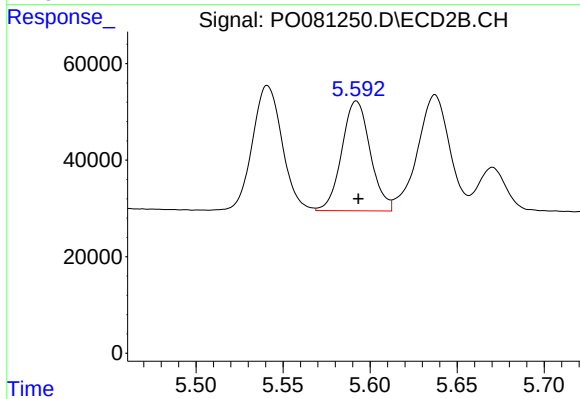
#21 AR-1248-1

R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 409183  
Conc: 691.14 ng/ml



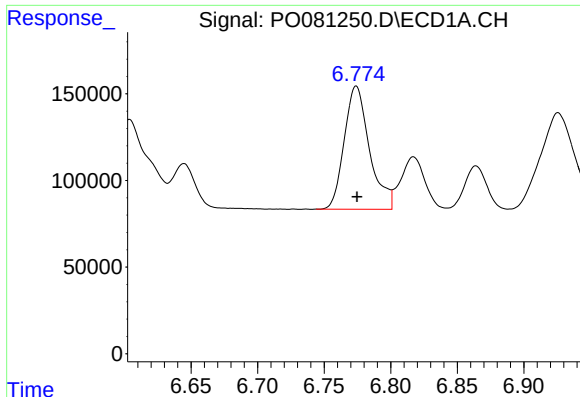
#22 AR-1248-2

R.T.: 6.556 min  
Delta R.T.: 0.000 min  
Response: 746228  
Conc: 335.52 ng/ml



#22 AR-1248-2

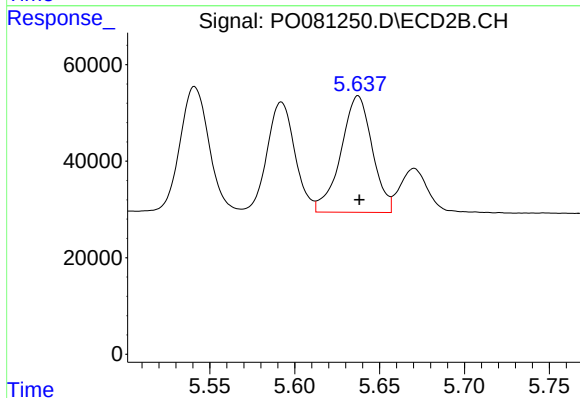
R.T.: 5.592 min  
Delta R.T.: -0.001 min  
Response: 258813  
Conc: 311.61 ng/ml



#23 AR-1248-3

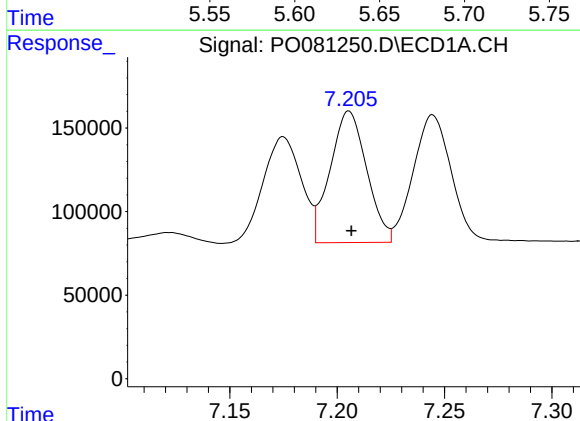
R.T.: 6.774 min  
Delta R.T.: 0.000 min  
Response: 938689  
Conc: 354.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



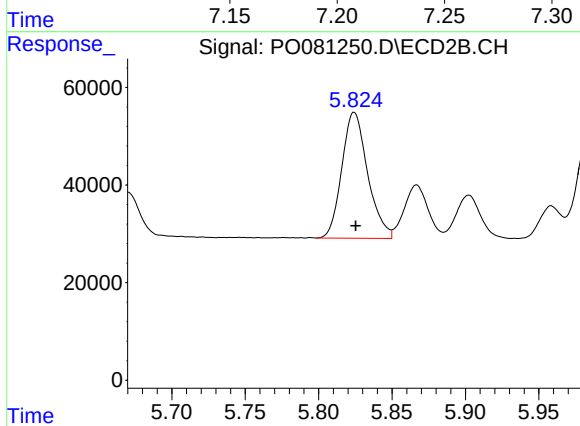
#23 AR-1248-3

R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 311031  
Conc: 366.47 ng/ml



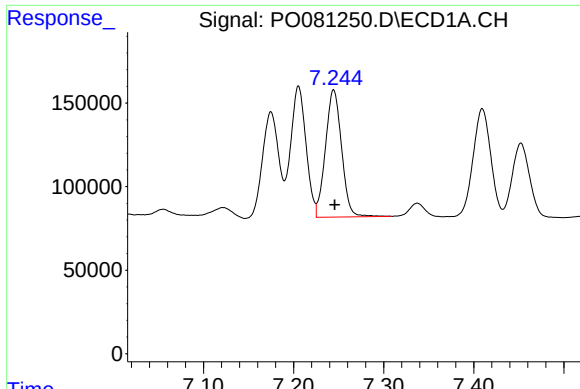
#24 AR-1248-4

R.T.: 7.205 min  
Delta R.T.: -0.001 min  
Response: 932711  
Conc: 323.84 ng/ml



#24 AR-1248-4

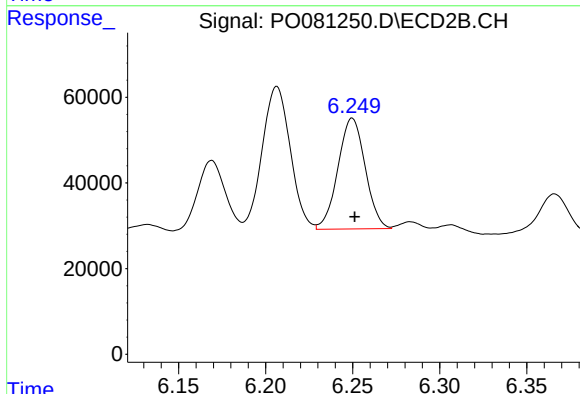
R.T.: 5.824 min  
Delta R.T.: -0.001 min  
Response: 316829  
Conc: 320.45 ng/ml



#25 AR-1248-5

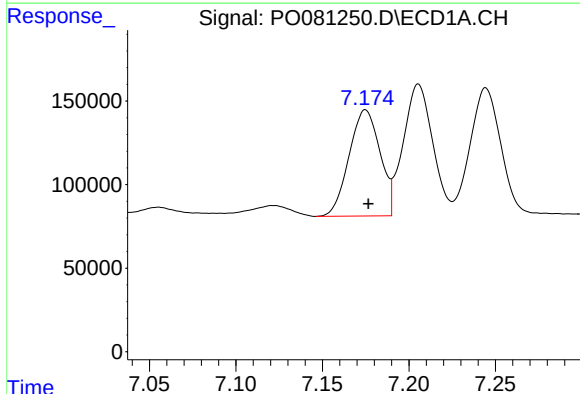
R.T.: 7.245 min  
Delta R.T.: -0.001 min  
Response: 947606  
Conc: 344.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



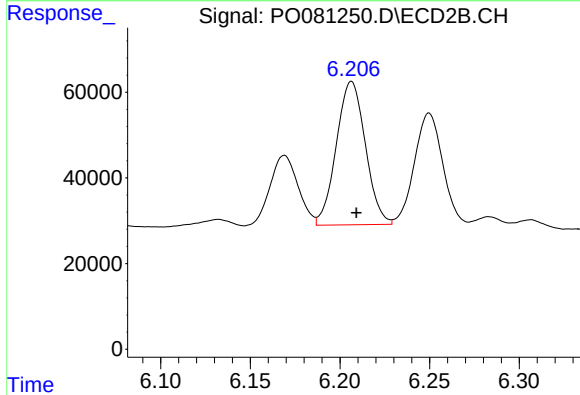
#25 AR-1248-5

R.T.: 6.250 min  
Delta R.T.: -0.001 min  
Response: 282098  
Conc: 311.15 ng/ml



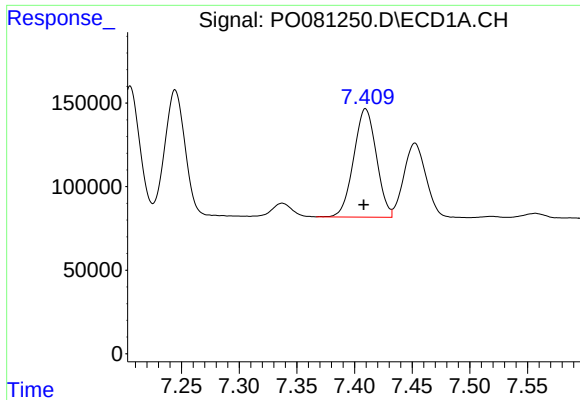
#26 AR-1254-1

R.T.: 7.175 min  
Delta R.T.: -0.002 min  
Response: 790007  
Conc: 244.45 ng/ml



#26 AR-1254-1

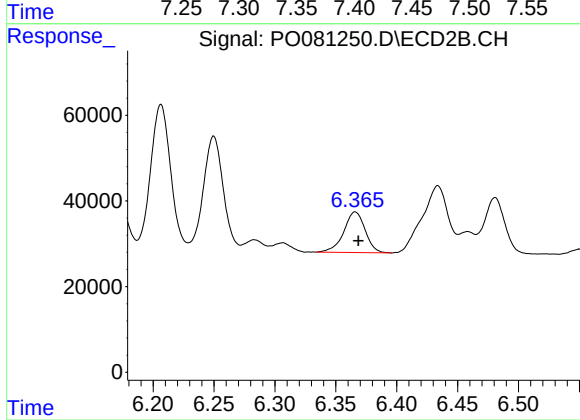
R.T.: 6.206 min  
Delta R.T.: -0.003 min  
Response: 377702  
Conc: 238.77 ng/ml



#27 AR-1254-2

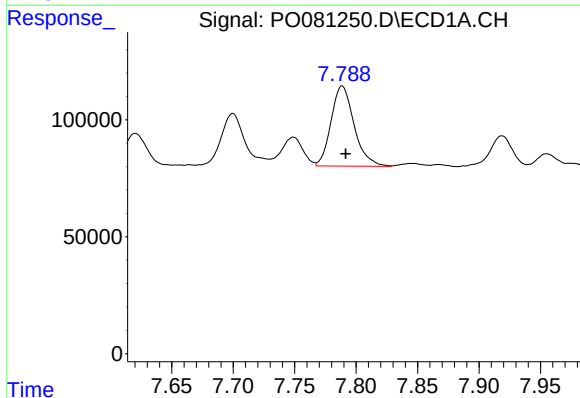
R.T.: 7.410 min  
Delta R.T.: 0.002 min  
Response: 887707  
Conc: 178.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



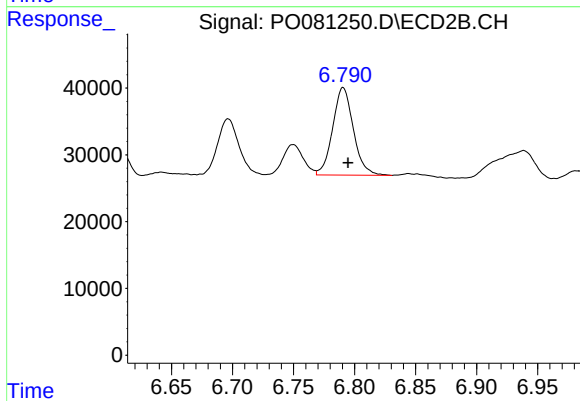
#27 AR-1254-2

R.T.: 6.366 min  
Delta R.T.: -0.003 min  
Response: 116220  
Conc: 80.39 ng/ml



#28 AR-1254-3

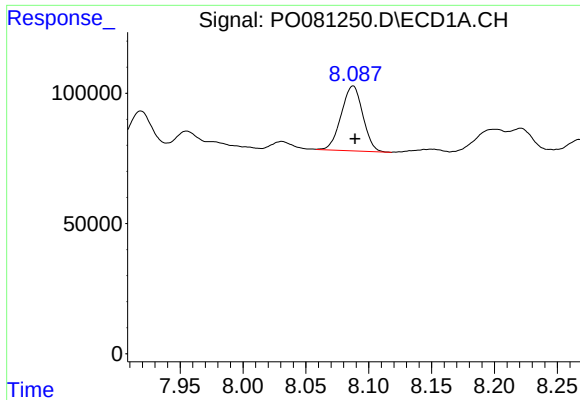
R.T.: 7.789 min  
Delta R.T.: -0.003 min  
Response: 447879  
Conc: 88.58 ng/ml



#28 AR-1254-3

R.T.: 6.791 min  
Delta R.T.: -0.004 min  
Response: 154620  
Conc: 69.11 ng/ml

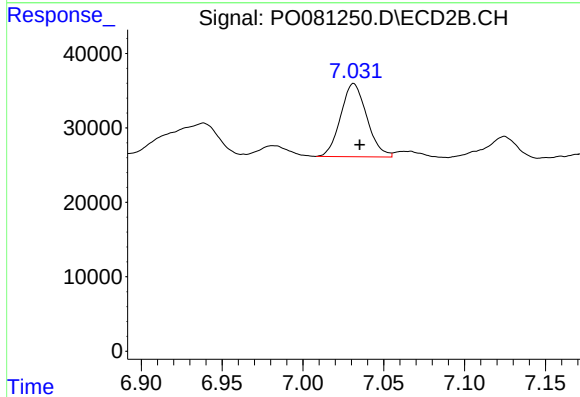




#29 AR-1254-4

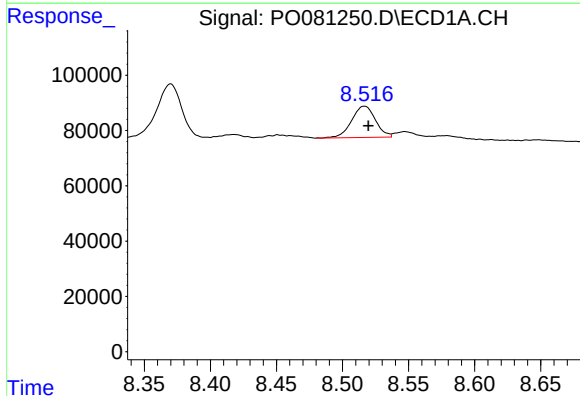
R.T.: 8.088 min  
Delta R.T.: -0.002 min  
Response: 298149  
Conc: 79.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



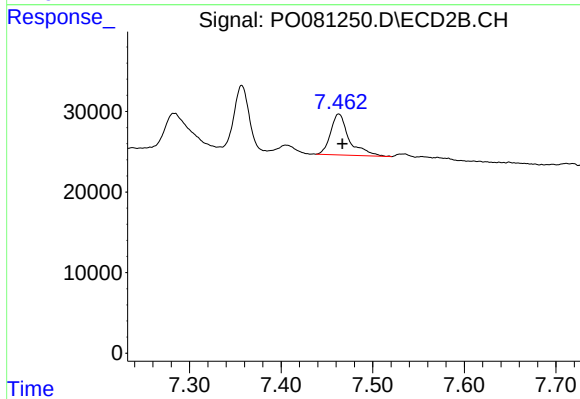
#29 AR-1254-4

R.T.: 7.031 min  
Delta R.T.: -0.004 min  
Response: 110885  
Conc: 78.33 ng/ml



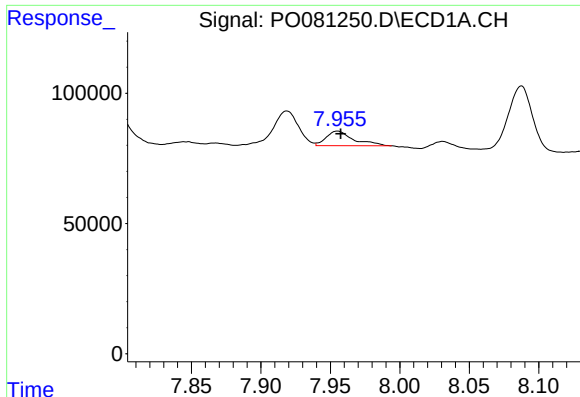
#30 AR-1254-5

R.T.: 8.517 min  
Delta R.T.: -0.003 min  
Response: 141717  
Conc: 34.26 ng/ml



#30 AR-1254-5

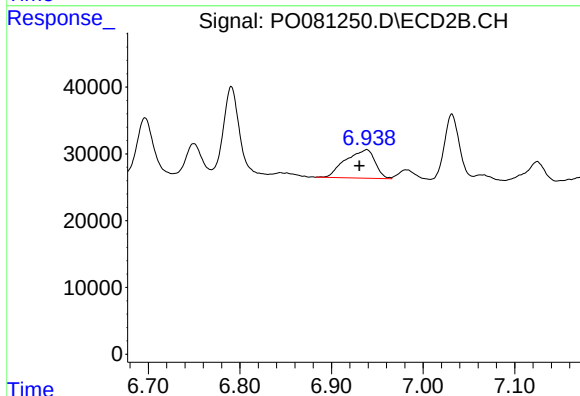
R.T.: 7.463 min  
Delta R.T.: -0.004 min  
Response: 71683  
Conc: 33.97 ng/ml



#31 AR-1260-1

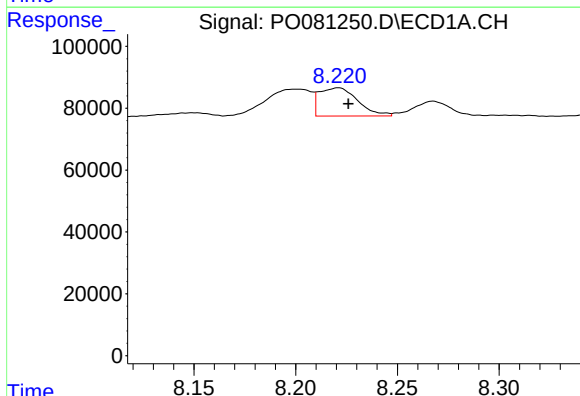
R.T.: 7.955 min  
Delta R.T.: -0.002 min  
Response: 75926  
Conc: 21.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



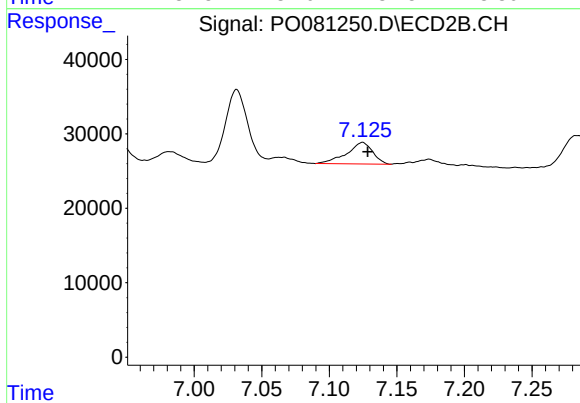
#31 AR-1260-1

R.T.: 6.938 min  
Delta R.T.: 0.008 min  
Response: 95149  
Conc: 64.83 ng/ml



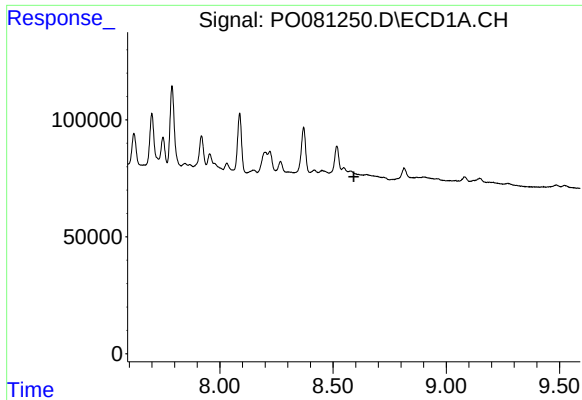
#32 AR-1260-2

R.T.: 8.221 min  
Delta R.T.: -0.005 min  
Response: 119803  
Conc: 26.88 ng/ml



#32 AR-1260-2

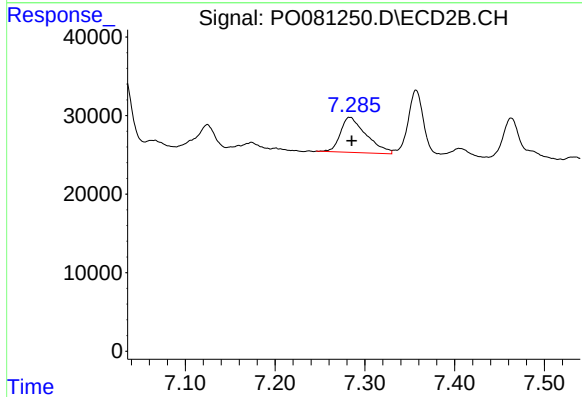
R.T.: 7.125 min  
Delta R.T.: -0.004 min  
Response: 38699  
Conc: 22.05 ng/ml



#33 AR-1260-3

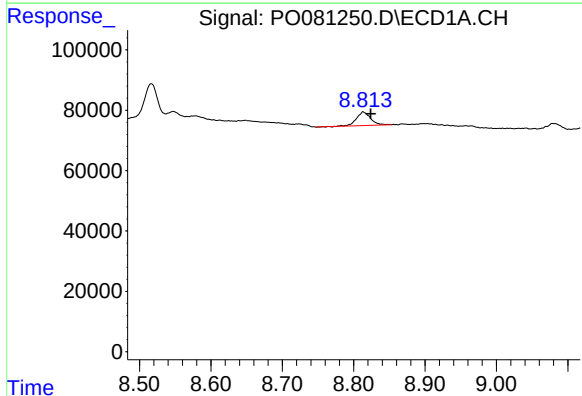
R.T.: 0.000 min  
Exp R.T.: 8.592 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



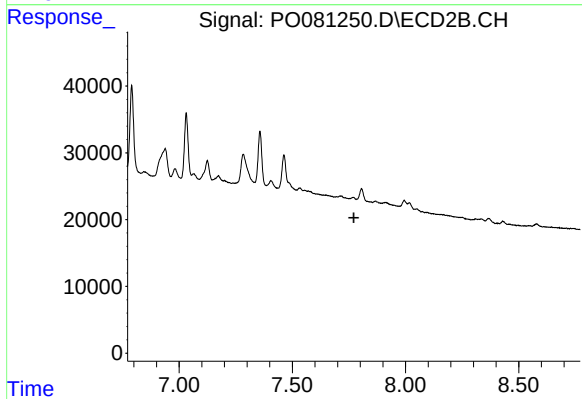
#33 AR-1260-3

R.T.: 7.283 min  
Delta R.T.: -0.002 min  
Response: 89126  
Conc: 48.68 ng/ml



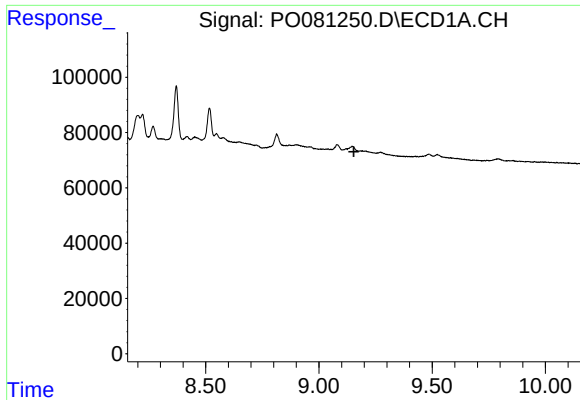
#34 AR-1260-4

R.T.: 8.813 min  
Delta R.T.: -0.010 min  
Response: 61700  
Conc: 19.28 ng/ml



#34 AR-1260-4

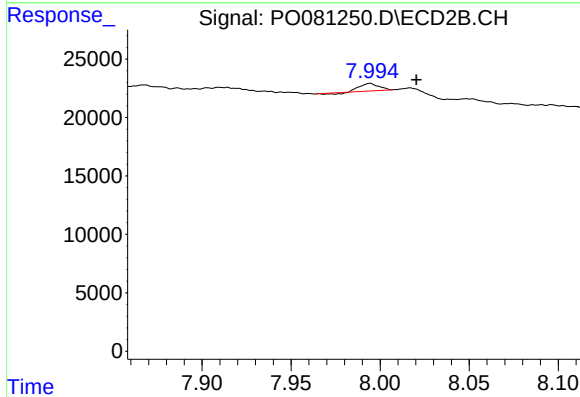
R.T.: 0.000 min  
Exp R.T.: 7.772 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

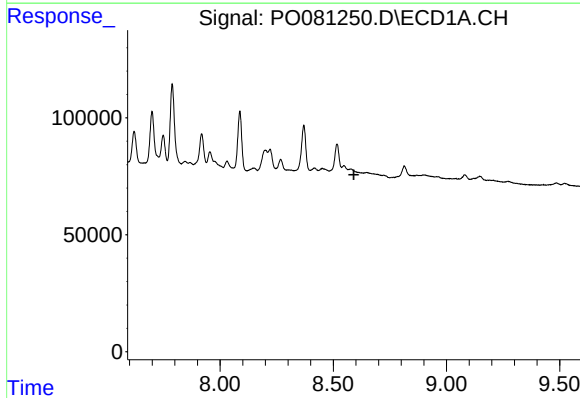
R.T.: 0.000 min  
Exp R.T.: 9.154 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



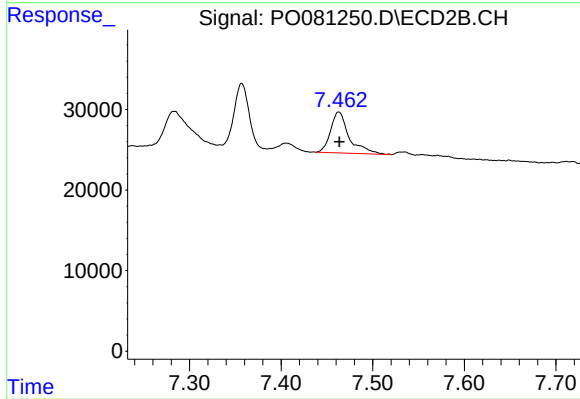
#35 AR-1260-5

R.T.: 7.994 min  
Delta R.T.: -0.026 min  
Response: 4326  
Conc: 1.53 ng/ml



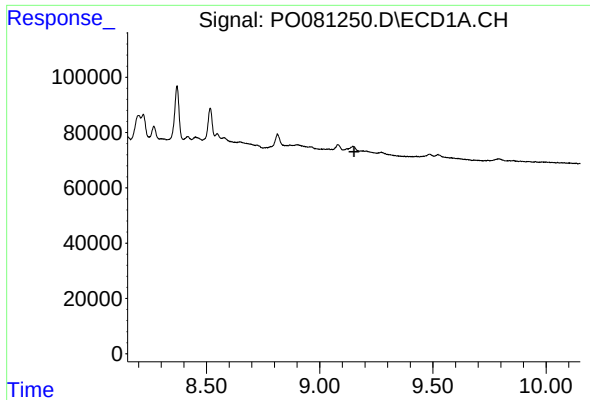
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.591 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

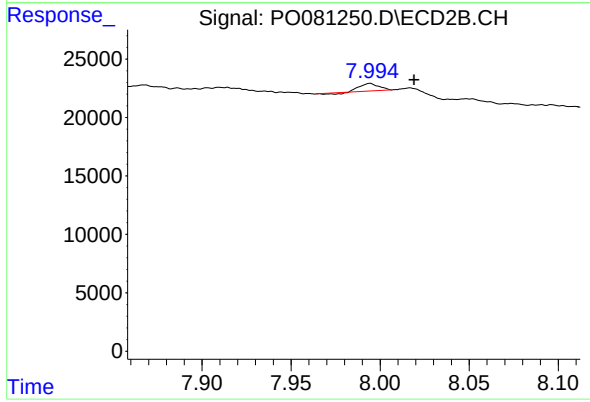
R.T.: 7.463 min  
Delta R.T.: 0.000 min  
Response: 71683  
Conc: 67.49 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 9.151 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



#37 AR-1262-2

R.T.: 7.994 min  
Delta R.T.: -0.025 min  
Response: 4326  
Conc: 1.31 ng/ml