

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO120321\  
 Data File : PO083412.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 03 Dec 2021 10:30  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

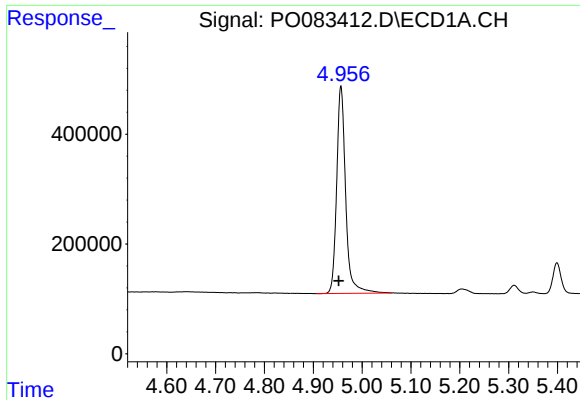
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 03 16:04:30 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO111921.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Nov 20 02:49:51 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.957  | 3.948  | 4841060 | 1505489 | 55.163   | 49.390   |
| 2)                          | SA Decachlor... | 11.045 | 9.255  | 3509294 | 1510900 | 53.368   | 50.260   |
| Target Compounds            |                 |        |        |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.290  | 5.205  | 1141970 | 463737  | 393.706  | 352.075  |
| 4)                          | L1 AR-1016-2    | 6.313  | 5.224  | 1592997 | 626722  | 386.549  | 349.149  |
| 5)                          | L1 AR-1016-3    | 6.380  | 5.415  | 976157  | 351329  | 389.016  | 359.965  |
| 6)                          | L1 AR-1016-4    | 6.488  | 5.468  | 806478  | 286007  | 393.789  | 351.815  |
| 7)                          | L1 AR-1016-5    | 6.805  | 5.697  | 815254  | 373614  | 402.332  | 368.257  |
| 8)                          | L2 AR-1221-1    | 5.205  | 4.203  | 139044  | 45890   | 146.730  | 123.493  |
| 9)                          | L2 AR-1221-2    | 5.311  | 4.303  | 184284  | 68377   | 274.086  | 242.821  |
| 10)                         | L2 AR-1221-3    | 5.399  | 4.392  | 663164  | 262528  | 308.505  | 290.282  |
| 11)                         | L3 AR-1232-1    | 5.399  | 4.392  | 663164  | 262528  | 372.530  | 342.476  |
| 12)                         | L3 AR-1232-2    | 5.993  | 5.224  | 898018  | 626722  | 990.286  | 834.325  |
| 13)                         | L3 AR-1232-3    | 6.313  | 5.415  | 1592997 | 351329  | 972.670  | 887.014  |
| 14)                         | L3 AR-1232-4    | 6.488  | 5.513  | 806478  | 342048  | 1007.399 | 972.830  |
| 15)                         | L3 AR-1232-5    | 6.586  | 5.697  | 635369  | 373614  | 1130.794 | 973.094  |
| 16)                         | L4 AR-1242-1    | 6.290  | 5.205  | 1141970 | 463737  | 533.909  | 477.146  |
| 17)                         | L4 AR-1242-2    | 6.313  | 5.224  | 1592997 | 626722  | 528.487  | 477.734  |
| 18)                         | L4 AR-1242-3    | 6.380  | 5.415  | 976157  | 351329  | 522.754  | 484.963  |
| 19)                         | L4 AR-1242-4    | 6.488  | 5.513  | 806478  | 342048  | 534.734  | 496.863  |
| 20)                         | L4 AR-1242-5    | 7.276  | 6.078  | 819729  | 457358  | 529.883  | 493.814  |
| 21)                         | L5 AR-1248-1    | 6.290  | 5.205  | 1141970 | 463737  | 733.192  | 650.675  |
| 22)                         | L5 AR-1248-2    | 6.586  | 5.468  | 635369  | 286007  | 299.036  | 282.343  |
| 23)                         | L5 AR-1248-3    | 6.805  | 5.513  | 815254  | 342048  | 328.738  | 345.302  |
| 24)                         | L5 AR-1248-4    | 7.236  | 5.697  | 771811  | 373614  | 294.590  | 303.155  |
| 25)                         | L5 AR-1248-5    | 7.276  | 6.120  | 819729  | 376757  | 316.559  | 304.995  |
| 26)                         | L6 AR-1254-1    | 7.205  | 6.078  | 607289  | 457358  | 218.220  | 235.212  |
| 27)                         | L6 AR-1254-2    | 7.442  | 6.238  | 698640  | 118609  | 167.935  | 70.494 # |
| 28)                         | L6 AR-1254-3    | 7.821  | 6.659  | 289835  | 155809  | 67.481   | 60.946   |
| 29)                         | L6 AR-1254-4    | 8.118  | 6.900  | 225337  | 121126  | 72.850   | 66.397   |
| 30)                         | L6 AR-1254-5    | 8.549  | 7.330  | 77283   | 41504   | 24.107   | 17.836 # |
| 31)                         | L7 AR-1260-1    | 7.991  | 6.805  | 25798   | 93744   | 8.121    | 51.305 # |
| 32)                         | L7 AR-1260-2    | 8.252  | 6.997  | 54238   | 20421   | 14.451   | 8.523 #  |
| 33)                         | L7 AR-1260-3    | 8.613  | 7.147  | 12113   | 23854   | 4.234    | 11.630 # |
| 34)                         | L7 AR-1260-4    | 8.848  | 0.000  | 14716   | 0       | 4.556    | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.195  | 7.858f | 11927   | 172     | 1.882    | 0.039 #  |
| 36)                         | L8 AR-1262-1    | 8.613  | 7.330  | 12113   | 41504   | 3.248    | 34.066 # |
| 37)                         | L8 AR-1262-2    | 9.195  | 7.858f | 11927   | 172     | 1.853    | 0.038 #  |
| -----                       |                 |        |        |         |         |          |          |

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

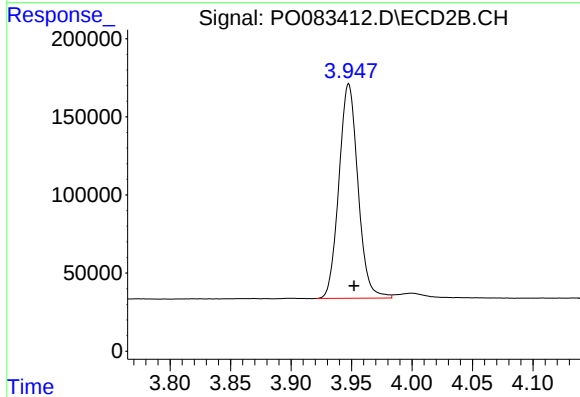




#1 Tetrachloro-m-xylene

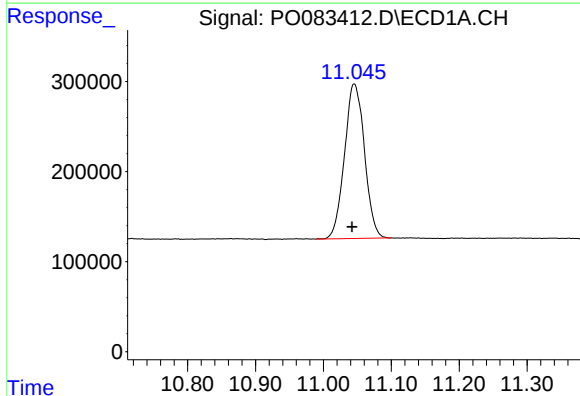
R.T.: 4.957 min  
Delta R.T.: 0.005 min  
Response: 4841060  
Conc: 55.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



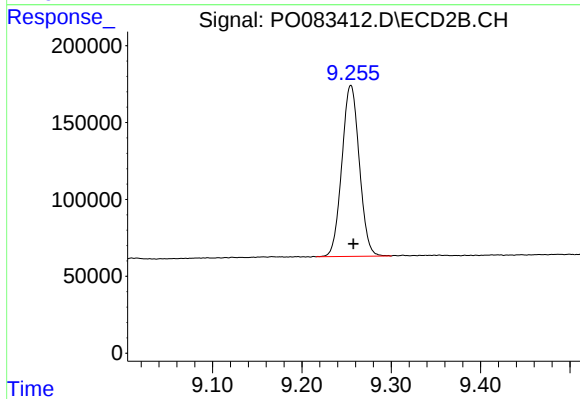
#1 Tetrachloro-m-xylene

R.T.: 3.948 min  
Delta R.T.: -0.004 min  
Response: 1505489  
Conc: 49.39 ng/ml



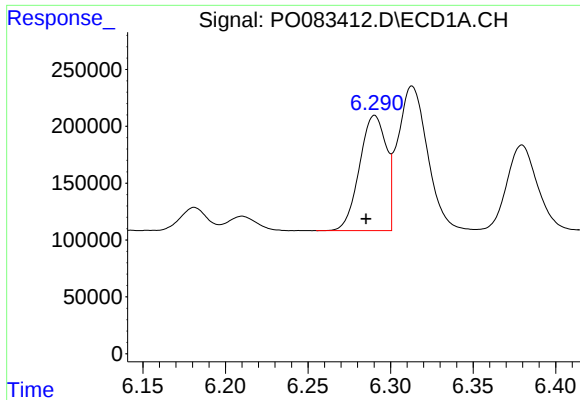
#2 Decachlorobiphenyl

R.T.: 11.045 min  
Delta R.T.: 0.003 min  
Response: 3509294  
Conc: 53.37 ng/ml



#2 Decachlorobiphenyl

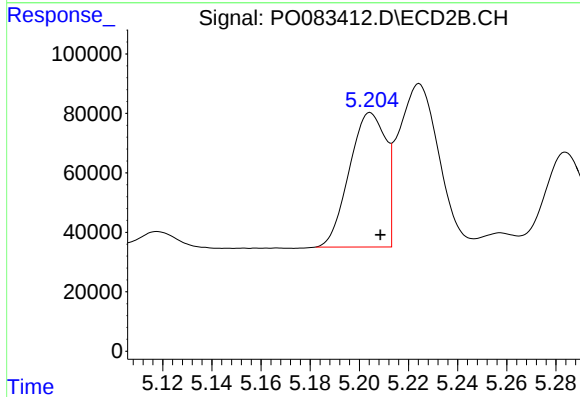
R.T.: 9.255 min  
Delta R.T.: -0.003 min  
Response: 1510900  
Conc: 50.26 ng/ml



#3 AR-1016-1

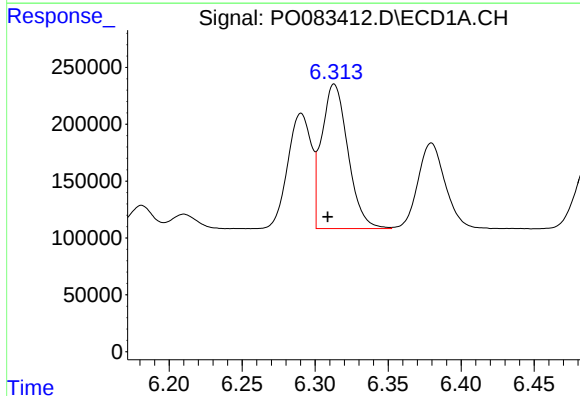
R.T.: 6.290 min  
Delta R.T.: 0.005 min  
Response: 1141970  
Conc: 393.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



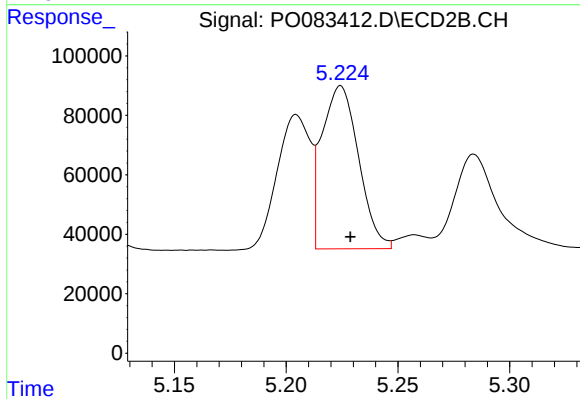
#3 AR-1016-1

R.T.: 5.205 min  
Delta R.T.: -0.004 min  
Response: 463737  
Conc: 352.08 ng/ml



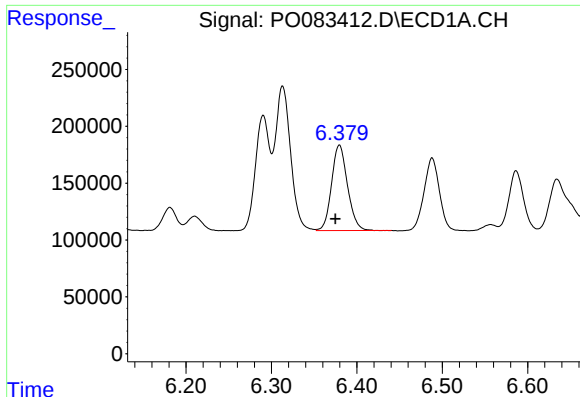
#4 AR-1016-2

R.T.: 6.313 min  
Delta R.T.: 0.005 min  
Response: 1592997  
Conc: 386.55 ng/ml



#4 AR-1016-2

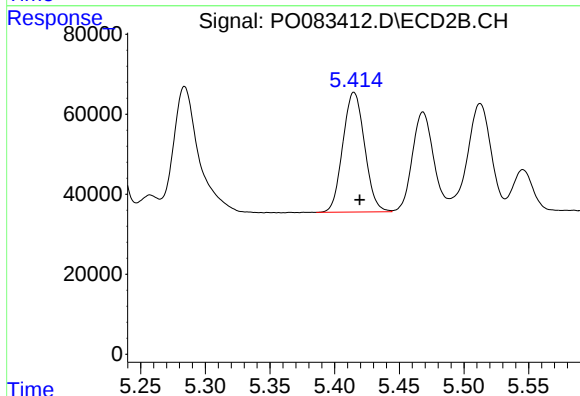
R.T.: 5.224 min  
Delta R.T.: -0.004 min  
Response: 626722  
Conc: 349.15 ng/ml



#5 AR-1016-3

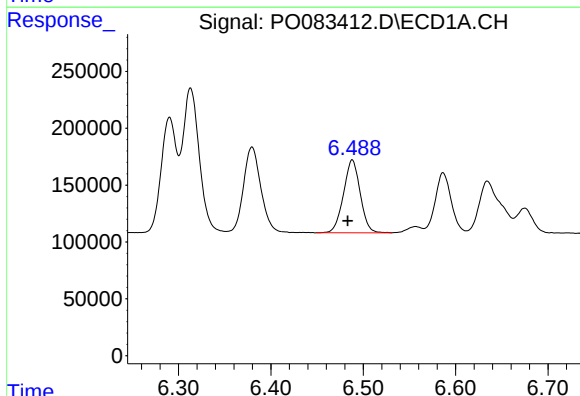
R.T.: 6.380 min  
Delta R.T.: 0.005 min  
Response: 976157  
Conc: 389.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



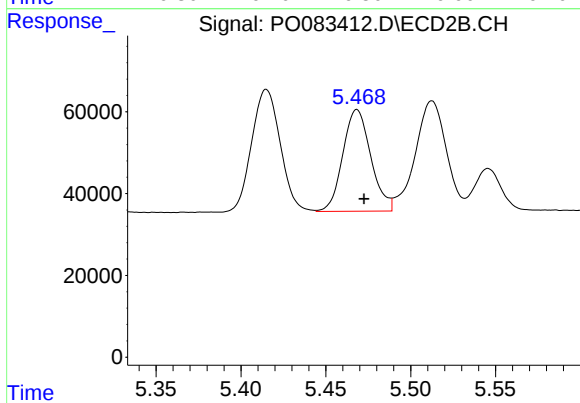
#5 AR-1016-3

R.T.: 5.415 min  
Delta R.T.: -0.004 min  
Response: 351329  
Conc: 359.97 ng/ml



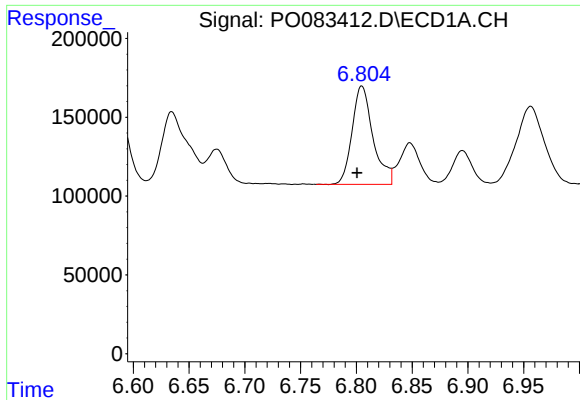
#6 AR-1016-4

R.T.: 6.488 min  
Delta R.T.: 0.005 min  
Response: 806478  
Conc: 393.79 ng/ml



#6 AR-1016-4

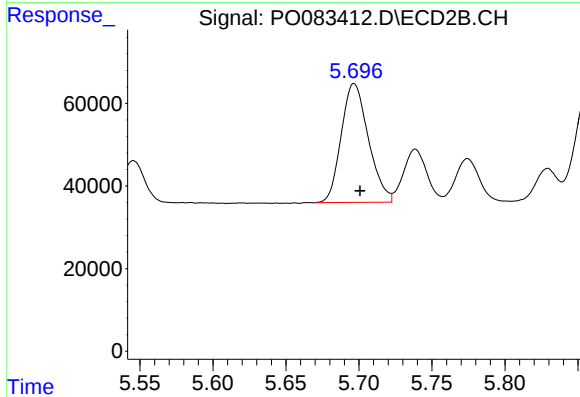
R.T.: 5.468 min  
Delta R.T.: -0.004 min  
Response: 286007  
Conc: 351.81 ng/ml



#7 AR-1016-5

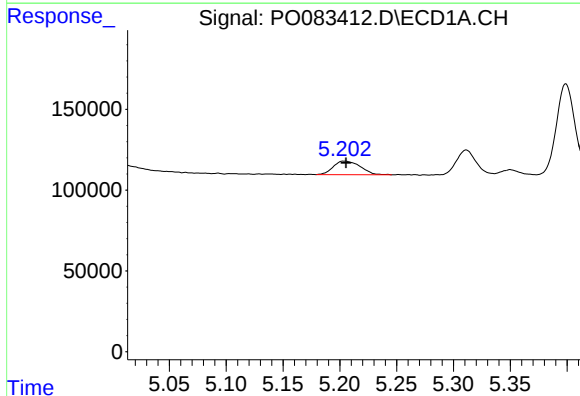
R.T.: 6.805 min  
Delta R.T.: 0.004 min  
Response: 815254  
Conc: 402.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



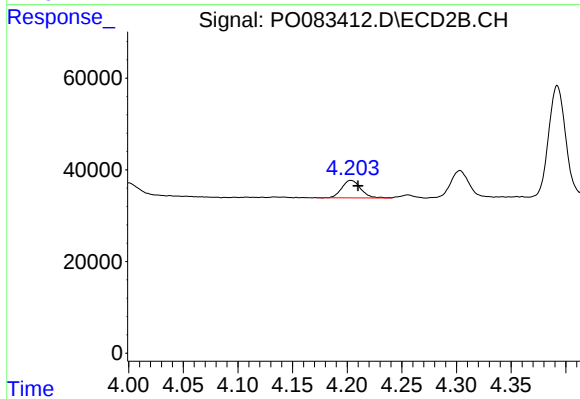
#7 AR-1016-5

R.T.: 5.697 min  
Delta R.T.: -0.004 min  
Response: 373614  
Conc: 368.26 ng/ml



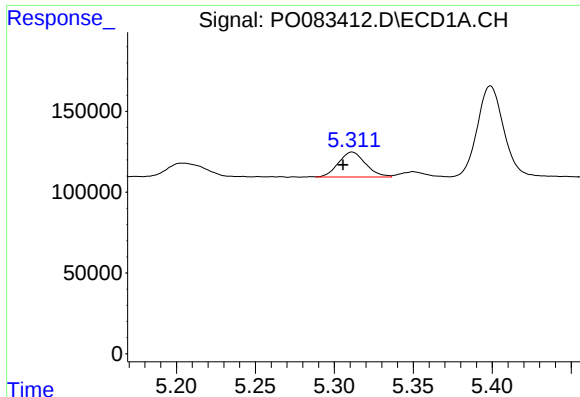
#8 AR-1221-1

R.T.: 5.205 min  
Delta R.T.: 0.000 min  
Response: 139044  
Conc: 146.73 ng/ml



#8 AR-1221-1

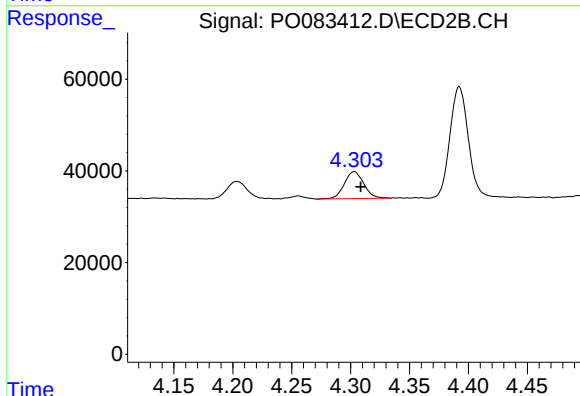
R.T.: 4.203 min  
Delta R.T.: -0.007 min  
Response: 45890  
Conc: 123.49 ng/ml



#9 AR-1221-2

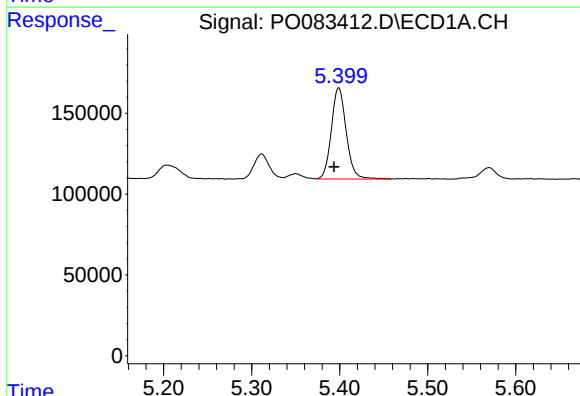
R.T.: 5.311 min  
Delta R.T.: 0.006 min  
Response: 184284  
Conc: 274.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



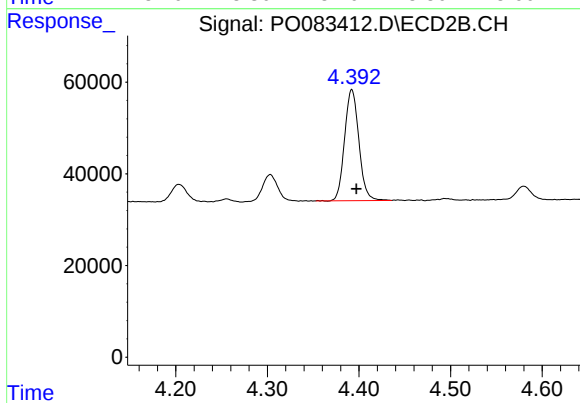
#9 AR-1221-2

R.T.: 4.303 min  
Delta R.T.: -0.005 min  
Response: 68377  
Conc: 242.82 ng/ml



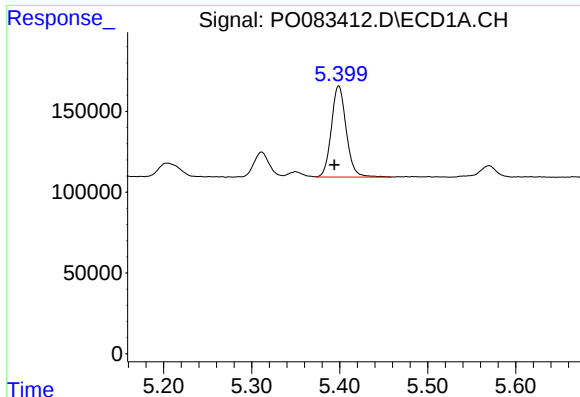
#10 AR-1221-3

R.T.: 5.399 min  
Delta R.T.: 0.005 min  
Response: 663164  
Conc: 308.51 ng/ml



#10 AR-1221-3

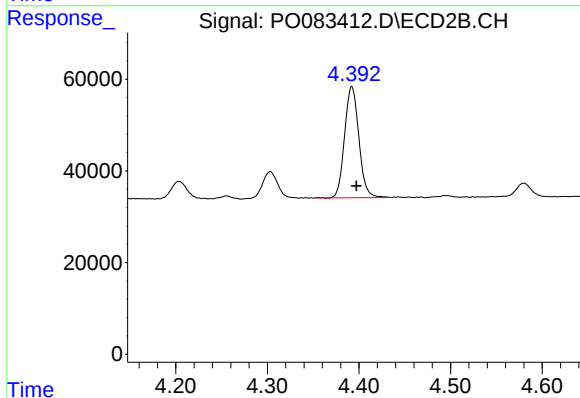
R.T.: 4.392 min  
Delta R.T.: -0.005 min  
Response: 262528  
Conc: 290.28 ng/ml



#11 AR-1232-1

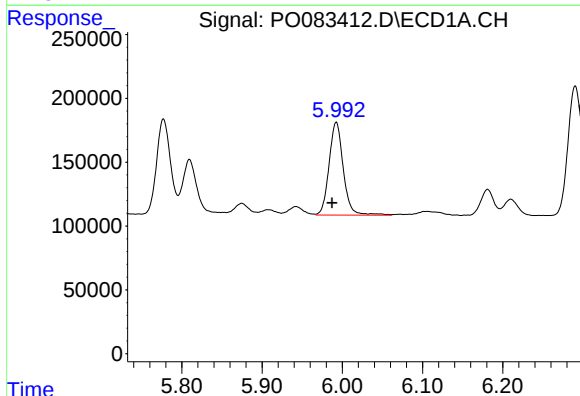
R.T.: 5.399 min  
Delta R.T.: 0.005 min  
Response: 663164  
Conc: 372.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



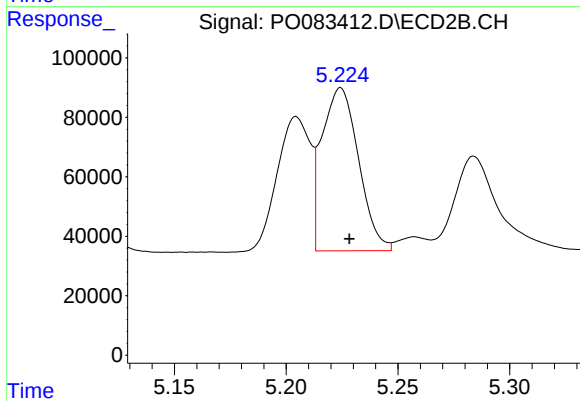
#11 AR-1232-1

R.T.: 4.392 min  
Delta R.T.: -0.005 min  
Response: 262528  
Conc: 342.48 ng/ml



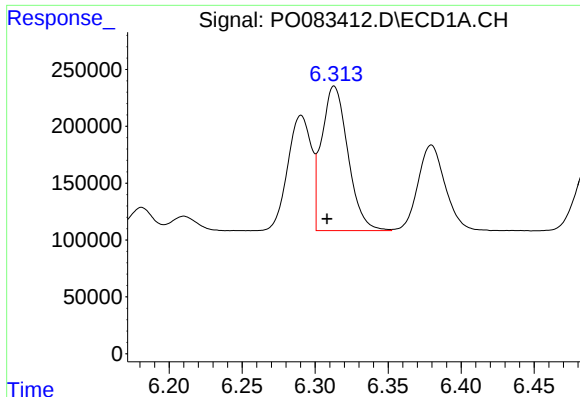
#12 AR-1232-2

R.T.: 5.993 min  
Delta R.T.: 0.005 min  
Response: 898018  
Conc: 990.29 ng/ml



#12 AR-1232-2

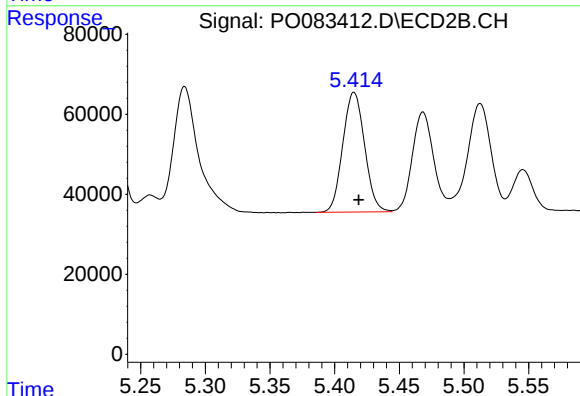
R.T.: 5.224 min  
Delta R.T.: -0.004 min  
Response: 626722  
Conc: 834.33 ng/ml



#13 AR-1232-3

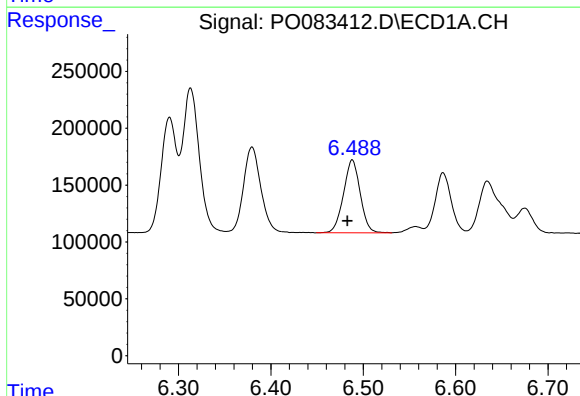
R.T.: 6.313 min  
Delta R.T.: 0.005 min  
Response: 1592997  
Conc: 972.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



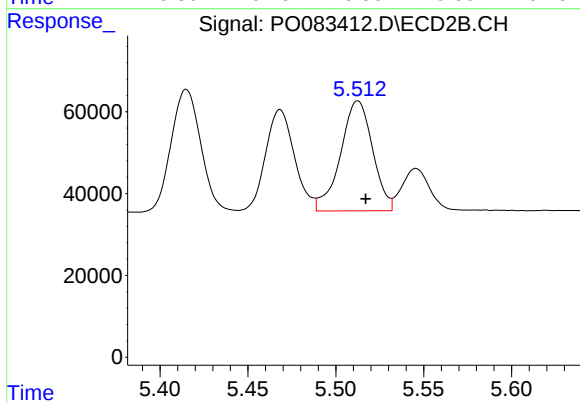
#13 AR-1232-3

R.T.: 5.415 min  
Delta R.T.: -0.004 min  
Response: 351329  
Conc: 887.01 ng/ml



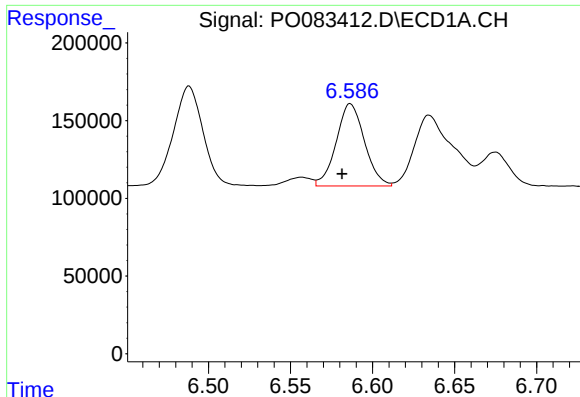
#14 AR-1232-4

R.T.: 6.488 min  
Delta R.T.: 0.005 min  
Response: 806478  
Conc: 1007.40 ng/ml



#14 AR-1232-4

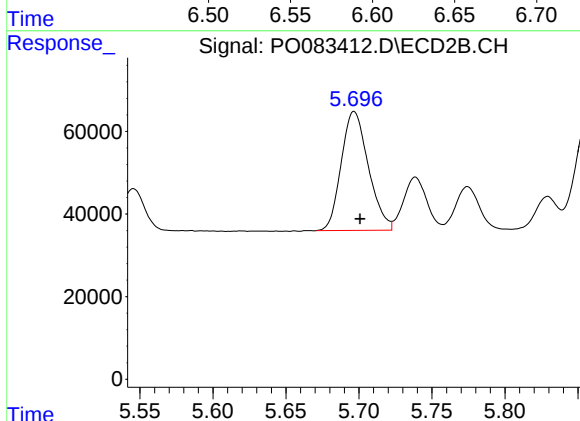
R.T.: 5.513 min  
Delta R.T.: -0.005 min  
Response: 342048  
Conc: 972.83 ng/ml



#15 AR-1232-5

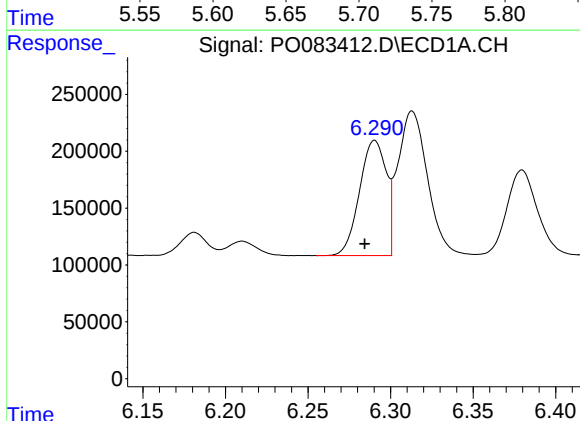
R.T.: 6.586 min  
Delta R.T.: 0.005 min  
Response: 635369  
Conc: 1130.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



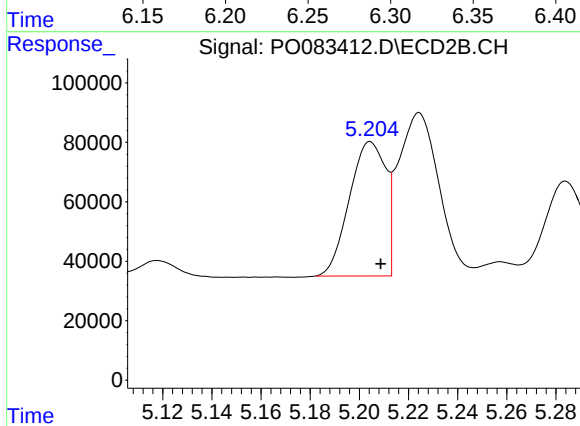
#15 AR-1232-5

R.T.: 5.697 min  
Delta R.T.: -0.004 min  
Response: 373614  
Conc: 973.09 ng/ml



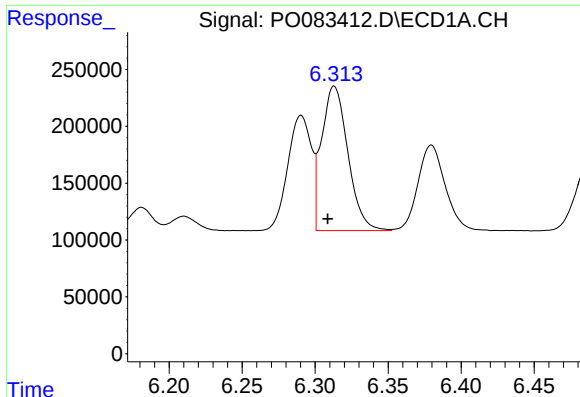
#16 AR-1242-1

R.T.: 6.290 min  
Delta R.T.: 0.006 min  
Response: 1141970  
Conc: 533.91 ng/ml



#16 AR-1242-1

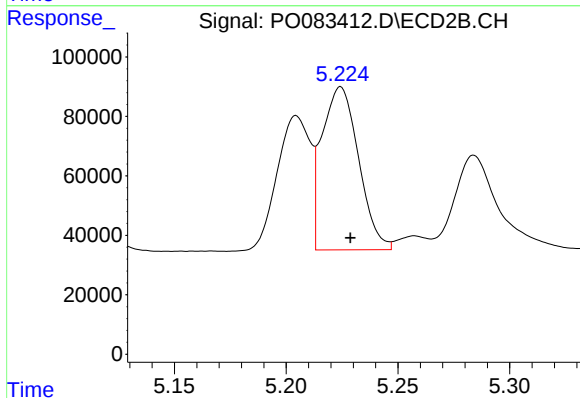
R.T.: 5.205 min  
Delta R.T.: -0.004 min  
Response: 463737  
Conc: 477.15 ng/ml



#17 AR-1242-2

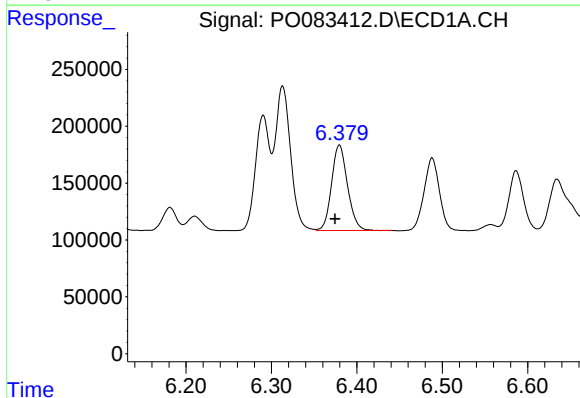
R.T.: 6.313 min  
Delta R.T.: 0.005 min  
Response: 1592997  
Conc: 528.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



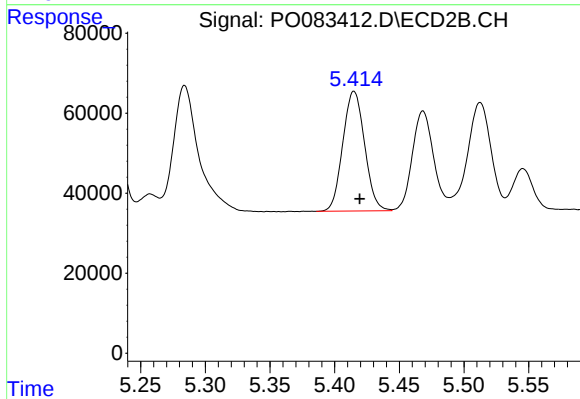
#17 AR-1242-2

R.T.: 5.224 min  
Delta R.T.: -0.004 min  
Response: 626722  
Conc: 477.73 ng/ml



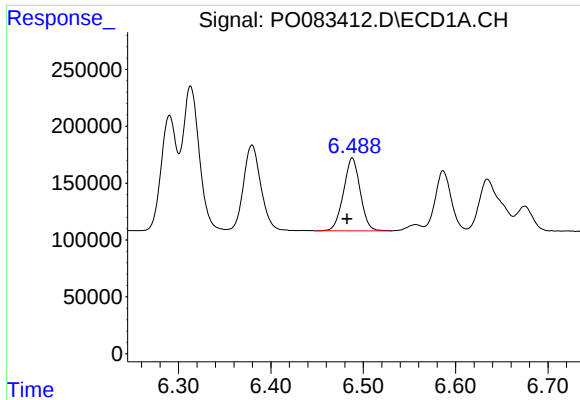
#18 AR-1242-3

R.T.: 6.380 min  
Delta R.T.: 0.005 min  
Response: 976157  
Conc: 522.75 ng/ml



#18 AR-1242-3

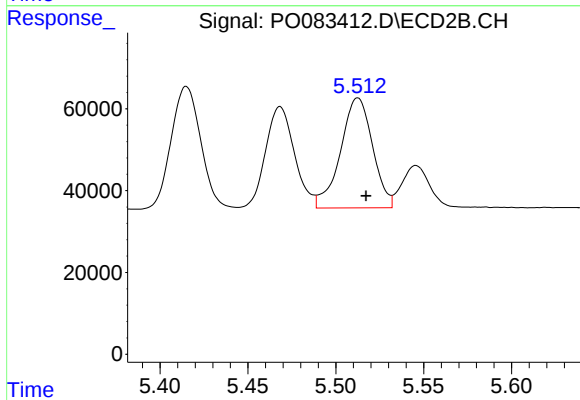
R.T.: 5.415 min  
Delta R.T.: -0.005 min  
Response: 351329  
Conc: 484.96 ng/ml



#19 AR-1242-4

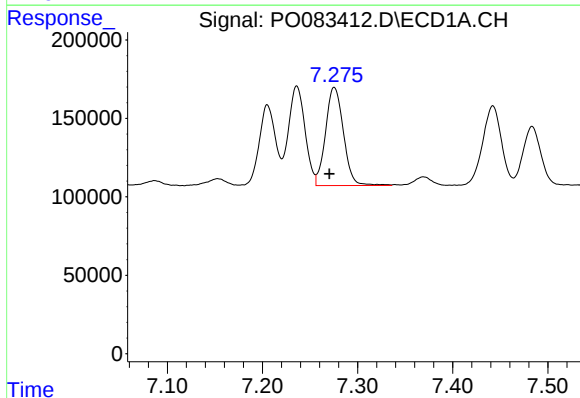
R.T.: 6.488 min  
Delta R.T.: 0.006 min  
Response: 806478  
Conc: 534.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



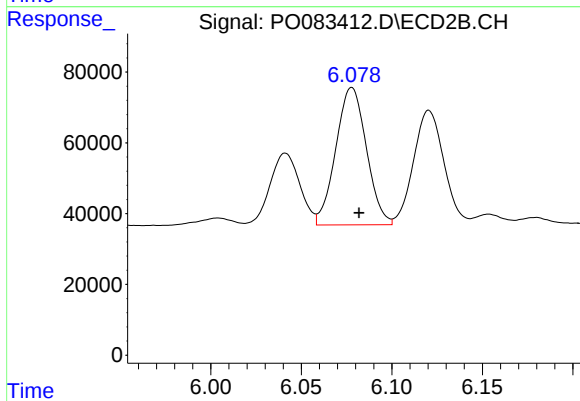
#19 AR-1242-4

R.T.: 5.513 min  
Delta R.T.: -0.005 min  
Response: 342048  
Conc: 496.86 ng/ml



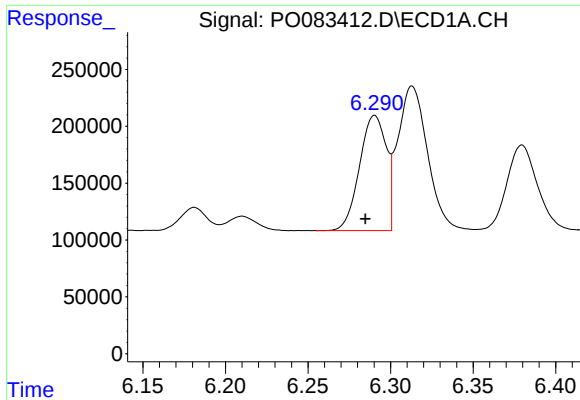
#20 AR-1242-5

R.T.: 7.276 min  
Delta R.T.: 0.005 min  
Response: 819729  
Conc: 529.88 ng/ml



#20 AR-1242-5

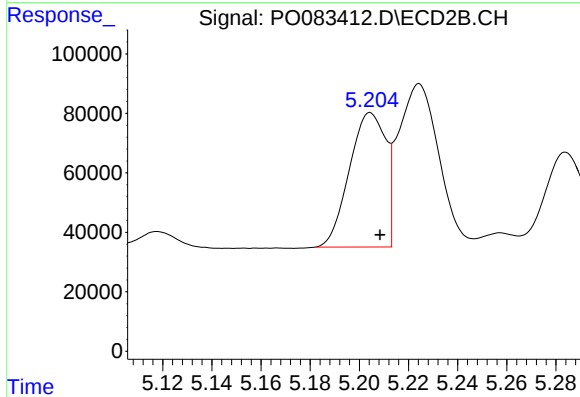
R.T.: 6.078 min  
Delta R.T.: -0.004 min  
Response: 457358  
Conc: 493.81 ng/ml



#21 AR-1248-1

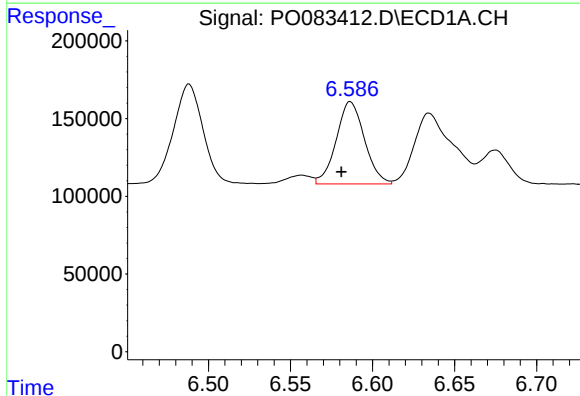
R.T.: 6.290 min  
Delta R.T.: 0.006 min  
Response: 1141970  
Conc: 733.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



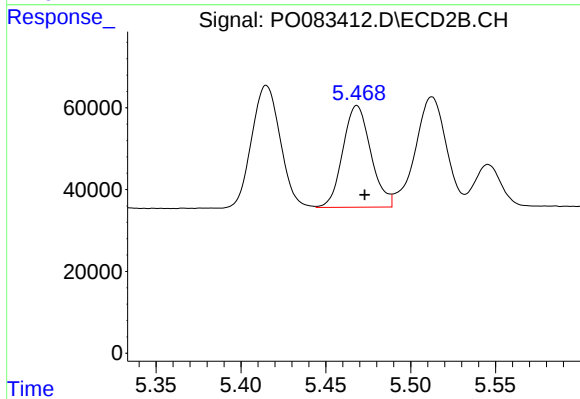
#21 AR-1248-1

R.T.: 5.205 min  
Delta R.T.: -0.004 min  
Response: 463737  
Conc: 650.67 ng/ml



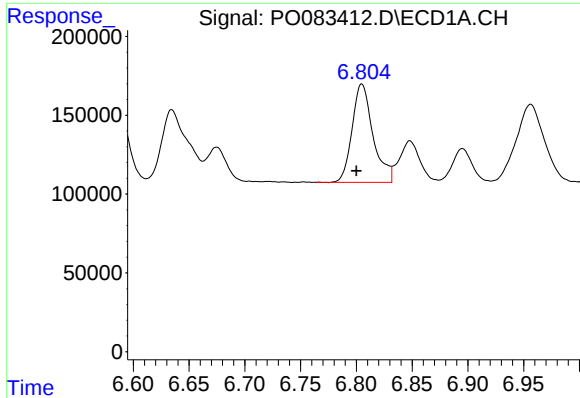
#22 AR-1248-2

R.T.: 6.586 min  
Delta R.T.: 0.005 min  
Response: 635369  
Conc: 299.04 ng/ml



#22 AR-1248-2

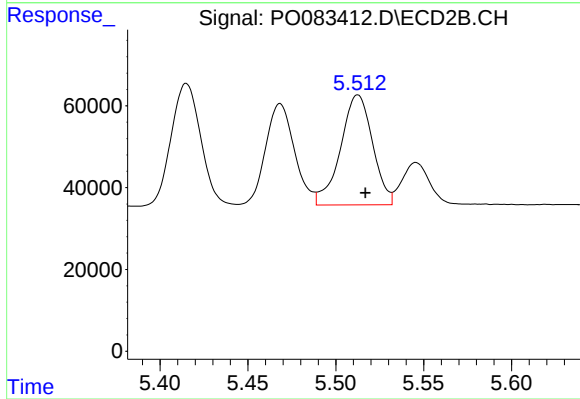
R.T.: 5.468 min  
Delta R.T.: -0.005 min  
Response: 286007  
Conc: 282.34 ng/ml



#23 AR-1248-3

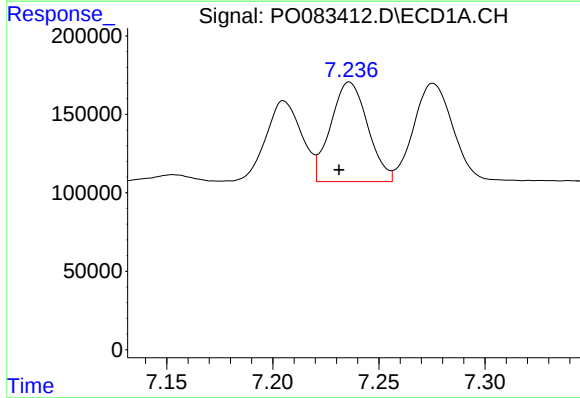
R.T.: 6.805 min  
Delta R.T.: 0.005 min  
Response: 815254  
Conc: 328.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



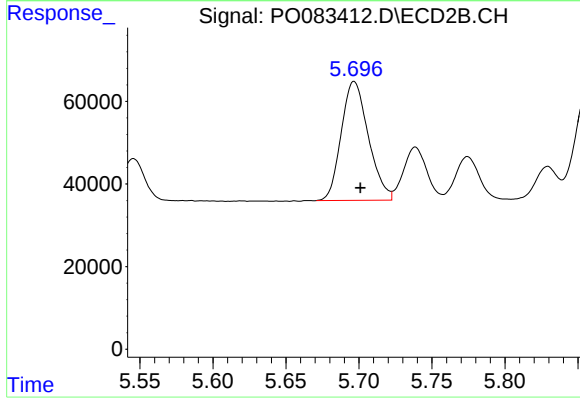
#23 AR-1248-3

R.T.: 5.513 min  
Delta R.T.: -0.004 min  
Response: 342048  
Conc: 345.30 ng/ml



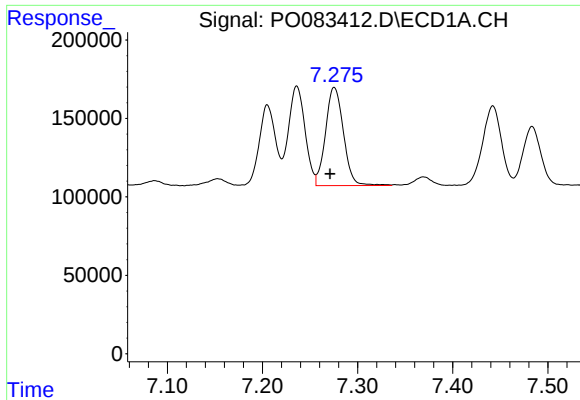
#24 AR-1248-4

R.T.: 7.236 min  
Delta R.T.: 0.005 min  
Response: 771811  
Conc: 294.59 ng/ml



#24 AR-1248-4

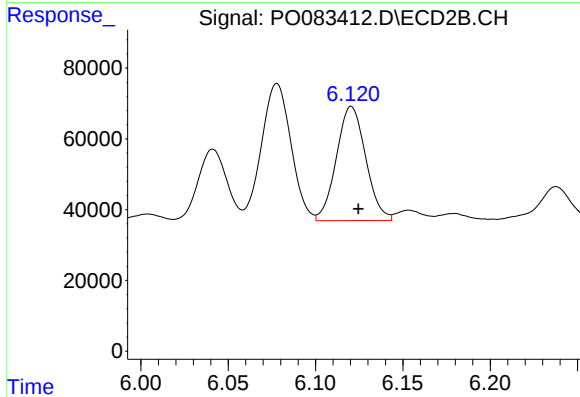
R.T.: 5.697 min  
Delta R.T.: -0.004 min  
Response: 373614  
Conc: 303.16 ng/ml



#25 AR-1248-5

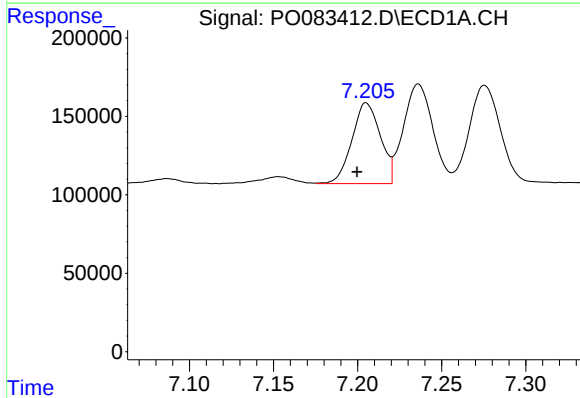
R.T.: 7.276 min  
Delta R.T.: 0.004 min  
Response: 819729  
Conc: 316.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



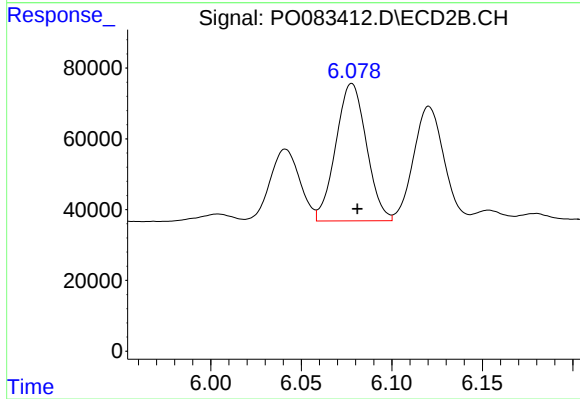
#25 AR-1248-5

R.T.: 6.120 min  
Delta R.T.: -0.004 min  
Response: 376757  
Conc: 304.99 ng/ml



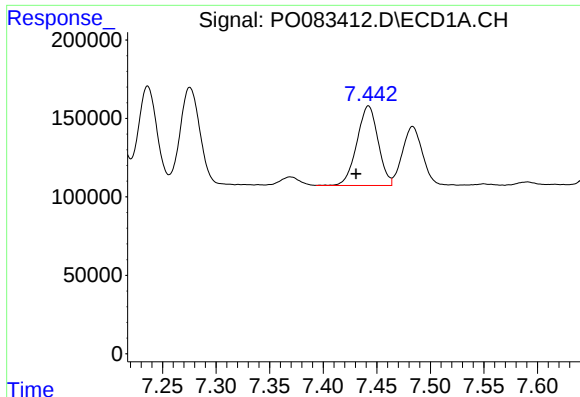
#26 AR-1254-1

R.T.: 7.205 min  
Delta R.T.: 0.006 min  
Response: 607289  
Conc: 218.22 ng/ml



#26 AR-1254-1

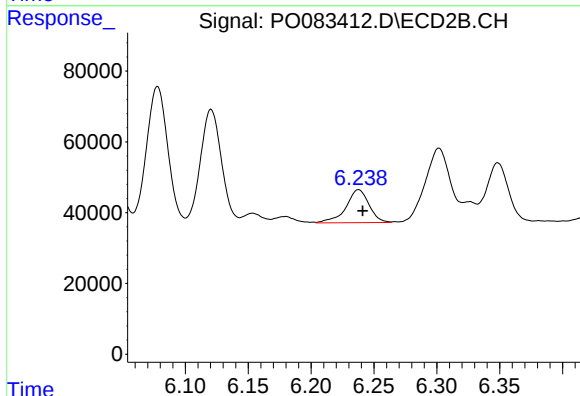
R.T.: 6.078 min  
Delta R.T.: -0.003 min  
Response: 457358  
Conc: 235.21 ng/ml



#27 AR-1254-2

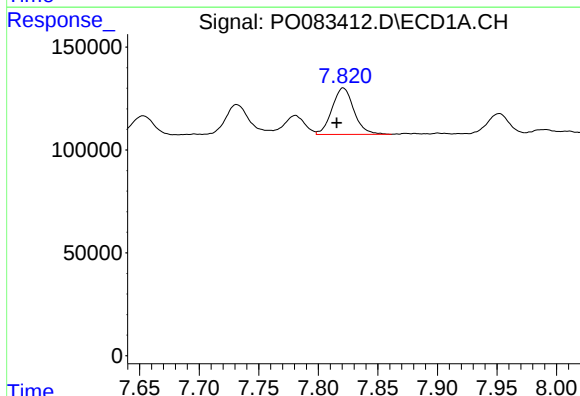
R.T.: 7.442 min  
Delta R.T.: 0.012 min  
Response: 698640  
Conc: 167.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



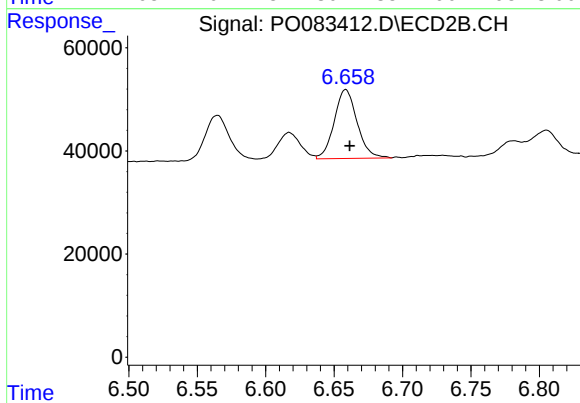
#27 AR-1254-2

R.T.: 6.238 min  
Delta R.T.: -0.003 min  
Response: 118609  
Conc: 70.49 ng/ml



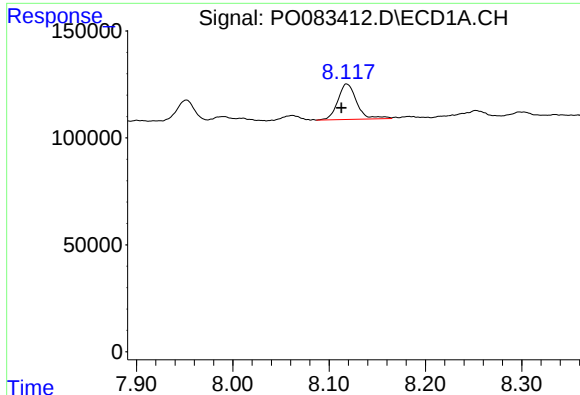
#28 AR-1254-3

R.T.: 7.821 min  
Delta R.T.: 0.006 min  
Response: 289835  
Conc: 67.48 ng/ml



#28 AR-1254-3

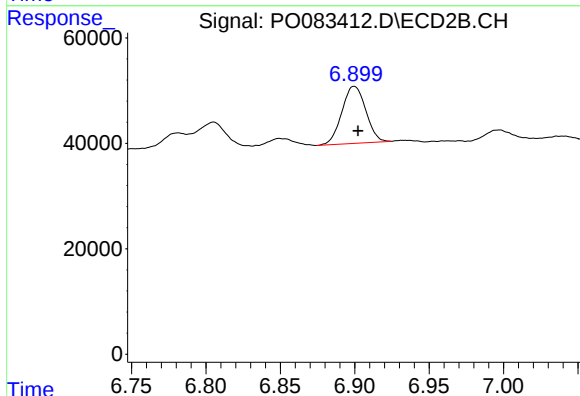
R.T.: 6.659 min  
Delta R.T.: -0.003 min  
Response: 155809  
Conc: 60.95 ng/ml



#29 AR-1254-4

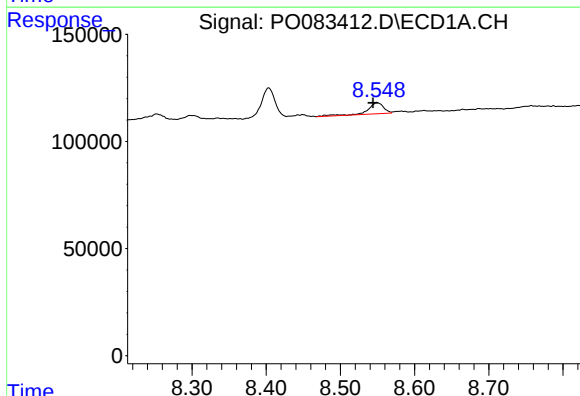
R.T.: 8.118 min  
Delta R.T.: 0.006 min  
Response: 225337  
Conc: 72.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



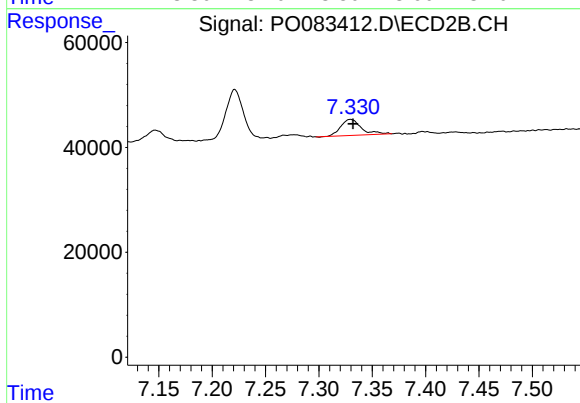
#29 AR-1254-4

R.T.: 6.900 min  
Delta R.T.: -0.003 min  
Response: 121126  
Conc: 66.40 ng/ml



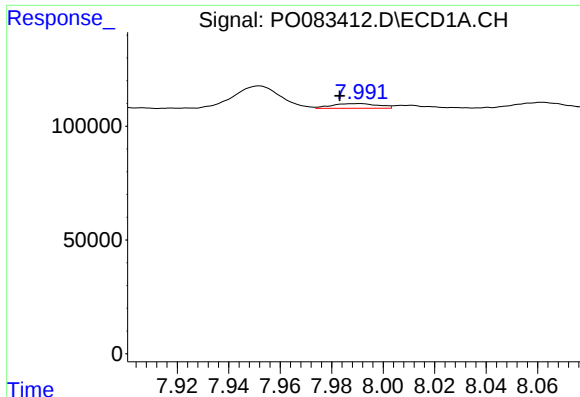
#30 AR-1254-5

R.T.: 8.549 min  
Delta R.T.: 0.005 min  
Response: 77283  
Conc: 24.11 ng/ml



#30 AR-1254-5

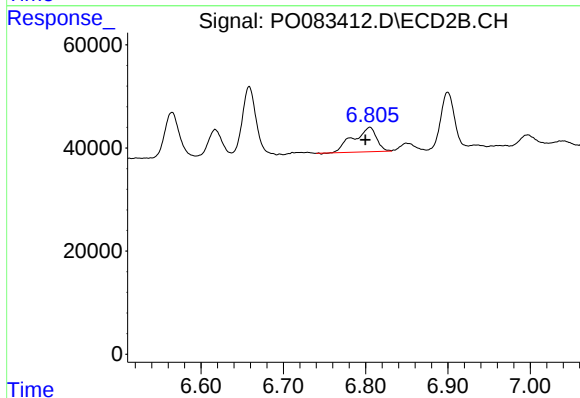
R.T.: 7.330 min  
Delta R.T.: -0.002 min  
Response: 41504  
Conc: 17.84 ng/ml



#31 AR-1260-1

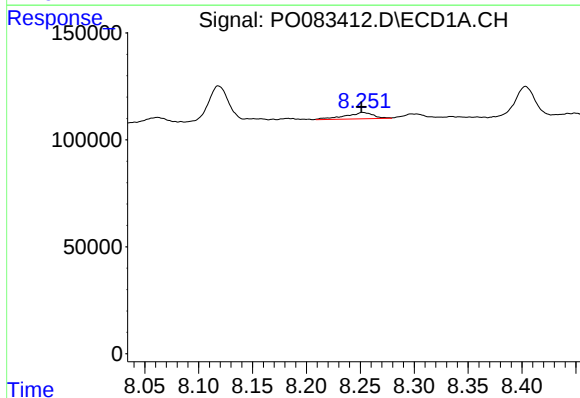
R.T.: 7.991 min  
Delta R.T.: 0.008 min  
Response: 25798  
Conc: 8.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



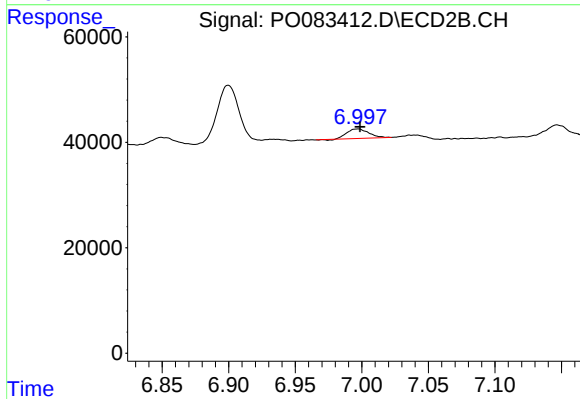
#31 AR-1260-1

R.T.: 6.805 min  
Delta R.T.: 0.005 min  
Response: 93744  
Conc: 51.30 ng/ml



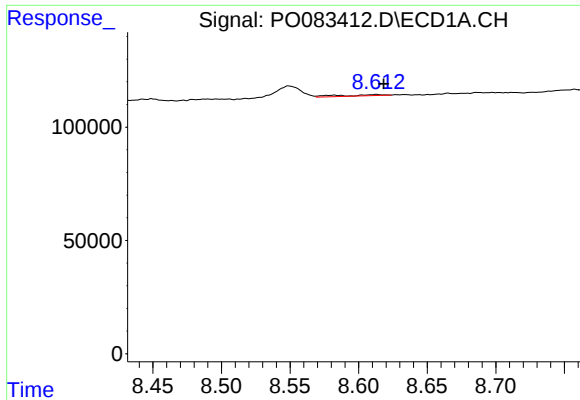
#32 AR-1260-2

R.T.: 8.252 min  
Delta R.T.: 0.001 min  
Response: 54238  
Conc: 14.45 ng/ml



#32 AR-1260-2

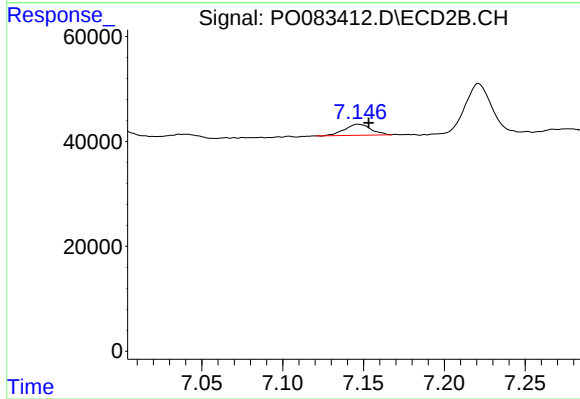
R.T.: 6.997 min  
Delta R.T.: -0.002 min  
Response: 20421  
Conc: 8.52 ng/ml



#33 AR-1260-3

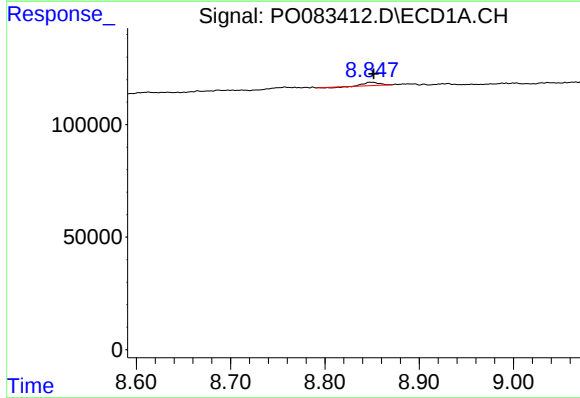
R.T.: 8.613 min  
Delta R.T.: -0.005 min  
Response: 12113  
Conc: 4.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



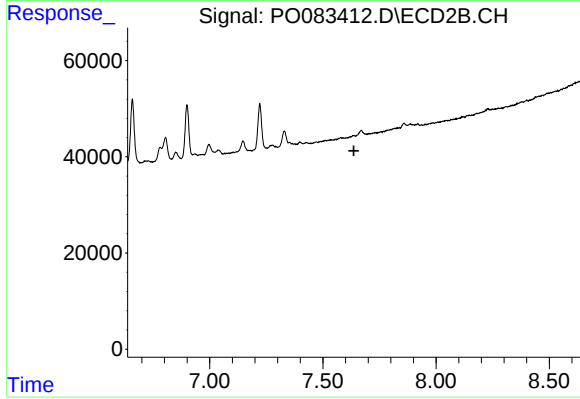
#33 AR-1260-3

R.T.: 7.147 min  
Delta R.T.: -0.007 min  
Response: 23854  
Conc: 11.63 ng/ml



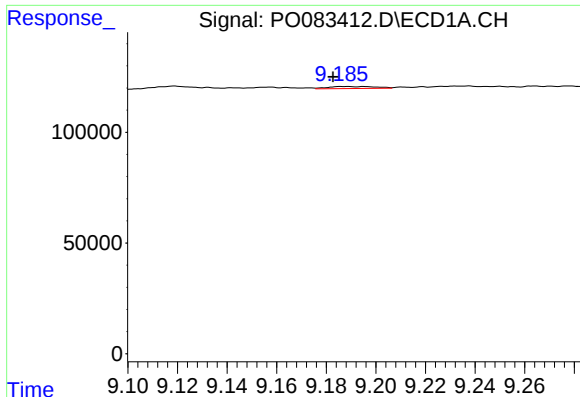
#34 AR-1260-4

R.T.: 8.848 min  
Delta R.T.: -0.004 min  
Response: 14716  
Conc: 4.56 ng/ml



#34 AR-1260-4

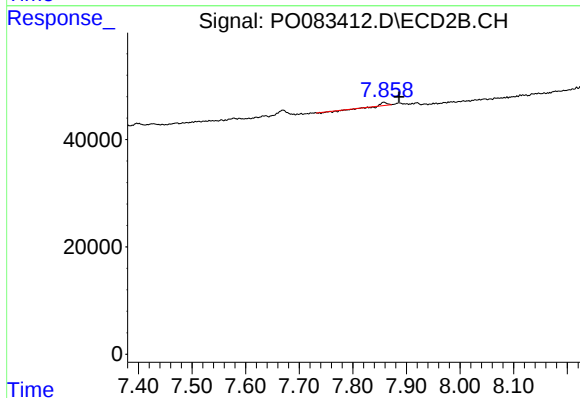
R.T.: 0.000 min  
Exp R.T. : 7.637 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

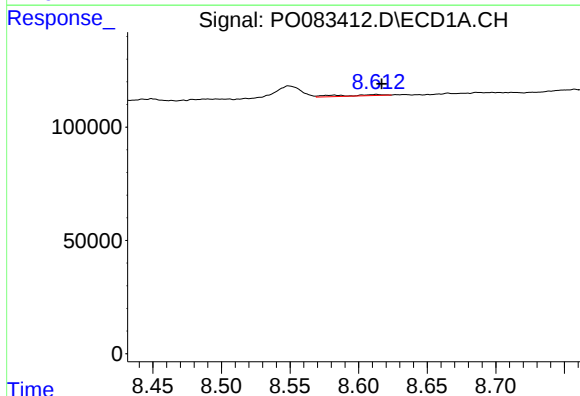
R.T.: 9.195 min  
Delta R.T.: 0.013 min  
Response: 11927  
Conc: 1.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



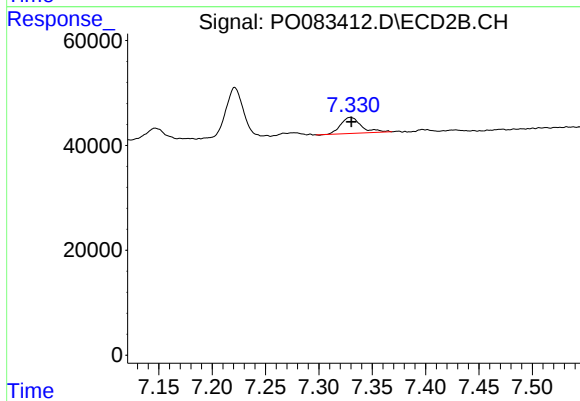
#35 AR-1260-5

R.T.: 7.858 min  
Delta R.T.: -0.029 min  
Response: 172  
Conc: 0.04 ng/ml



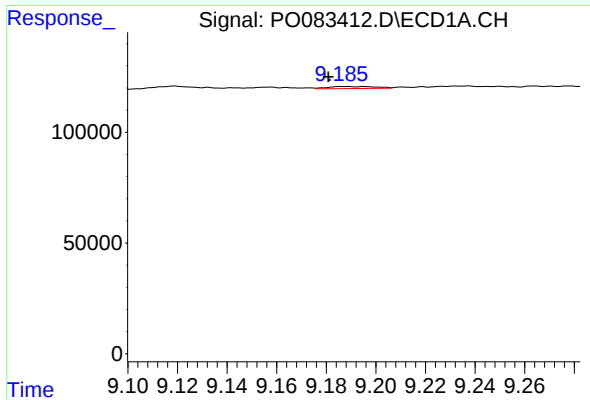
#36 AR-1262-1

R.T.: 8.613 min  
Delta R.T.: -0.004 min  
Response: 12113  
Conc: 3.25 ng/ml



#36 AR-1262-1

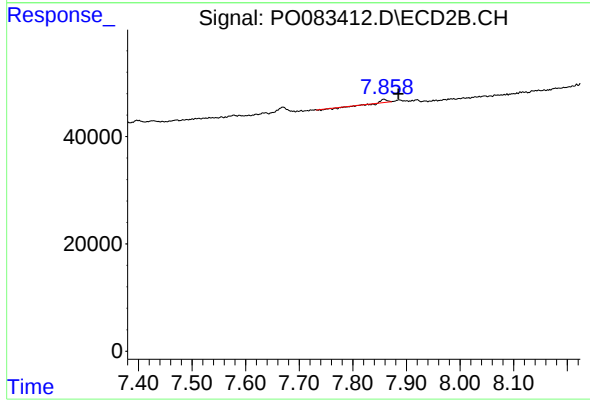
R.T.: 7.330 min  
Delta R.T.: 0.000 min  
Response: 41504  
Conc: 34.07 ng/ml



#37 AR-1262-2

R.T.: 9.195 min  
Delta R.T.: 0.015 min  
Response: 11927  
Conc: 1.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 7.858 min  
Delta R.T.: -0.027 min  
Response: 172  
Conc: 0.04 ng/ml