

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091021\  
 Data File : P0081112.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Sep 2021 10:11  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 01:27:57 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... | 4.927  | 4.053 | 4056706 | 1214496 | 51.388   | 49.146     |
| 2)                          | SA Decachlor... | 10.988 | 9.412 | 3176132 | 1162222 | 53.492   | 49.786     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.257  | 5.324 | 918189  | 287768  | 323.775  | 298.354    |
| 4)                          | L1 AR-1016-2    | 6.281  | 5.345 | 1082229 | 300848  | 271.233  | 224.942    |
| 5)                          | L1 AR-1016-3    | 6.347  | 5.540 | 567009  | 194019  | 224.064  | 271.395    |
| 6)                          | L1 AR-1016-4    | 6.453  | 5.590 | 618780  | 397140  | 292.067  | 660.679 #  |
| 7)                          | L1 AR-1016-5    | 6.771  | 5.822 | 1437014 | 468908  | 732.012  | 622.918    |
| 9)                          | L2 AR-1221-2    | 5.281  | 4.412 | 74507   | 27062   | 101.354  | 109.777    |
| 10)                         | L2 AR-1221-3    | 5.367  | 4.505 | 131965  | 47211   | 57.973   | 60.275     |
| 11)                         | L3 AR-1232-1    | 5.367  | 4.505 | 131965  | 47211   | 76.708   | 77.758     |
| 12)                         | L3 AR-1232-2    | 5.960  | 5.345 | 439850  | 300848  | 448.052  | 490.827    |
| 13)                         | L3 AR-1232-3    | 6.281  | 5.540 | 1082229 | 194019  | 597.924  | 597.705    |
| 14)                         | L3 AR-1232-4    | 6.453  | 5.634 | 618780  | 404300  | 638.655  | 1340.590 # |
| 15)                         | L3 AR-1232-5    | 6.554  | 5.822 | 1211282 | 468908  | 1808.263 | 1409.368   |
| 16)                         | L4 AR-1242-1    | 6.257  | 5.324 | 918189  | 287768  | 419.527  | 386.329    |
| 17)                         | L4 AR-1242-2    | 6.281  | 5.345 | 1082229 | 300848  | 353.805  | 294.932    |
| 18)                         | L4 AR-1242-3    | 6.347  | 5.540 | 567009  | 194019  | 296.257  | 349.632    |
| 19)                         | L4 AR-1242-4    | 6.453  | 5.634 | 618780  | 404300  | 401.147  | 714.626 #  |
| 20)                         | L4 AR-1242-5    | 7.243  | 6.204 | 1496616 | 649121  | 934.126  | 896.271    |
| 21)                         | L5 AR-1248-1    | 6.257  | 5.324 | 918189  | 287768  | 532.161  | 486.063    |
| 22)                         | L5 AR-1248-2    | 6.554  | 5.590 | 1211282 | 397140  | 544.622  | 478.158    |
| 23)                         | L5 AR-1248-3    | 6.771  | 5.634 | 1437014 | 404300  | 542.998  | 476.359    |
| 24)                         | L5 AR-1248-4    | 7.203  | 5.822 | 1572371 | 468908  | 545.934  | 474.268    |
| 25)                         | L5 AR-1248-5    | 7.243  | 6.247 | 1496616 | 455606  | 544.203  | 502.533    |
| 26)                         | L6 AR-1254-1    | 7.171  | 6.204 | 1260712 | 649121  | 390.098  | 410.347    |
| 27)                         | L6 AR-1254-2    | 7.406  | 6.363 | 1576512 | 207658  | 316.762  | 143.631 #  |
| 28)                         | L6 AR-1254-3    | 7.786  | 6.788 | 873393  | 318721  | 172.732  | 142.459    |
| 29)                         | L6 AR-1254-4    | 8.083  | 7.029 | 570170  | 208345  | 152.572  | 147.180    |
| 30)                         | L6 AR-1254-5    | 8.513  | 7.461 | 134004  | 52391   | 32.395   | 24.830     |
| 31)                         | L7 AR-1260-1    | 7.952  | 6.938 | 99847   | 168791  | 28.724   | 115.012 #  |
| 32)                         | L7 AR-1260-2    | 8.217  | 7.122 | 96510   | 42841   | 21.655   | 24.406     |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.280 | 0       | 88090   | N.D.     | 48.119 #   |
| 34)                         | L7 AR-1260-4    | 8.811  | 0.000 | 72177   | 0       | 22.548   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 9.146  | 8.013 | 61395   | 20743   | 10.255   | 7.328 #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.461 | 0       | 52391   | N.D.     | 49.328 #   |
| 37)                         | L8 AR-1262-2    | 9.146  | 8.013 | 61395   | 20743   | 8.012    | 6.302      |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.366 | 0       | 15564   | N.D.     | 6.561 #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.366 | 0       | 15564   | N.D.     | 4.586 #    |
| -----                       |                 |        |       |         |         |          |            |

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

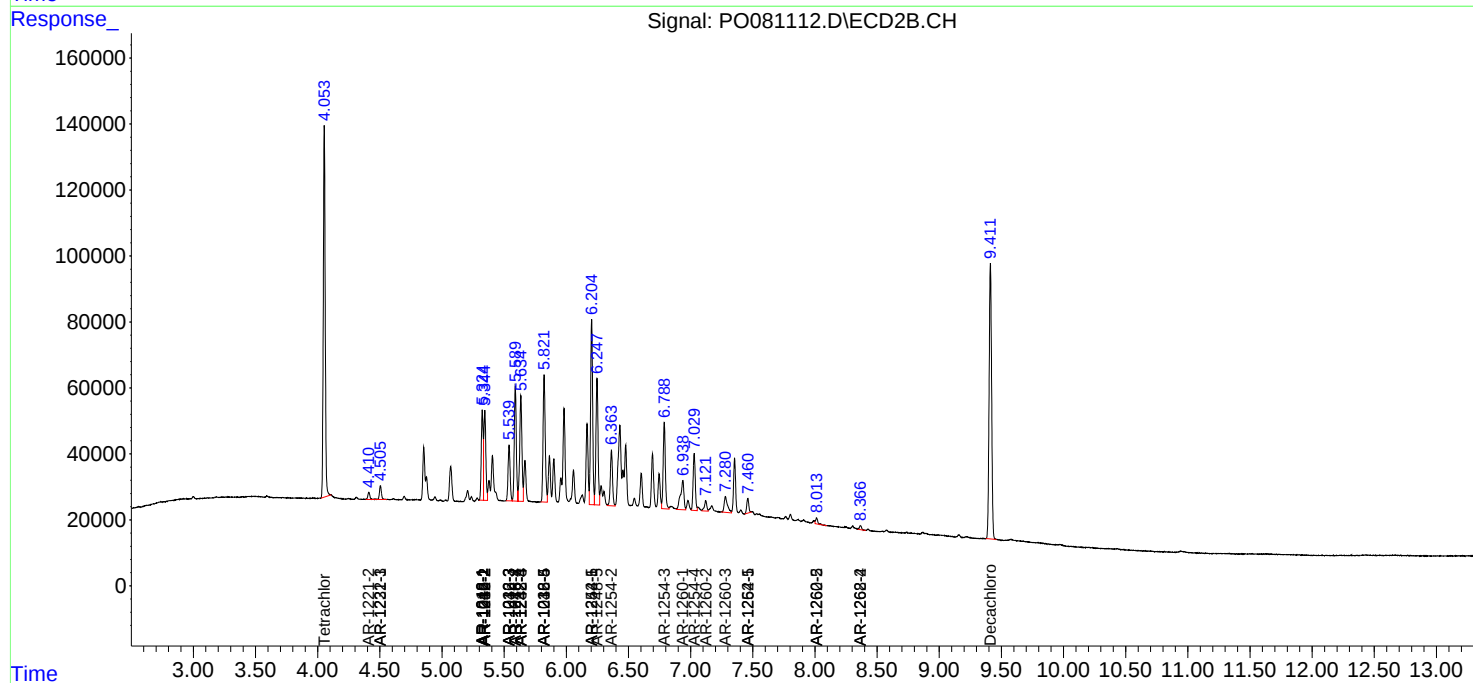
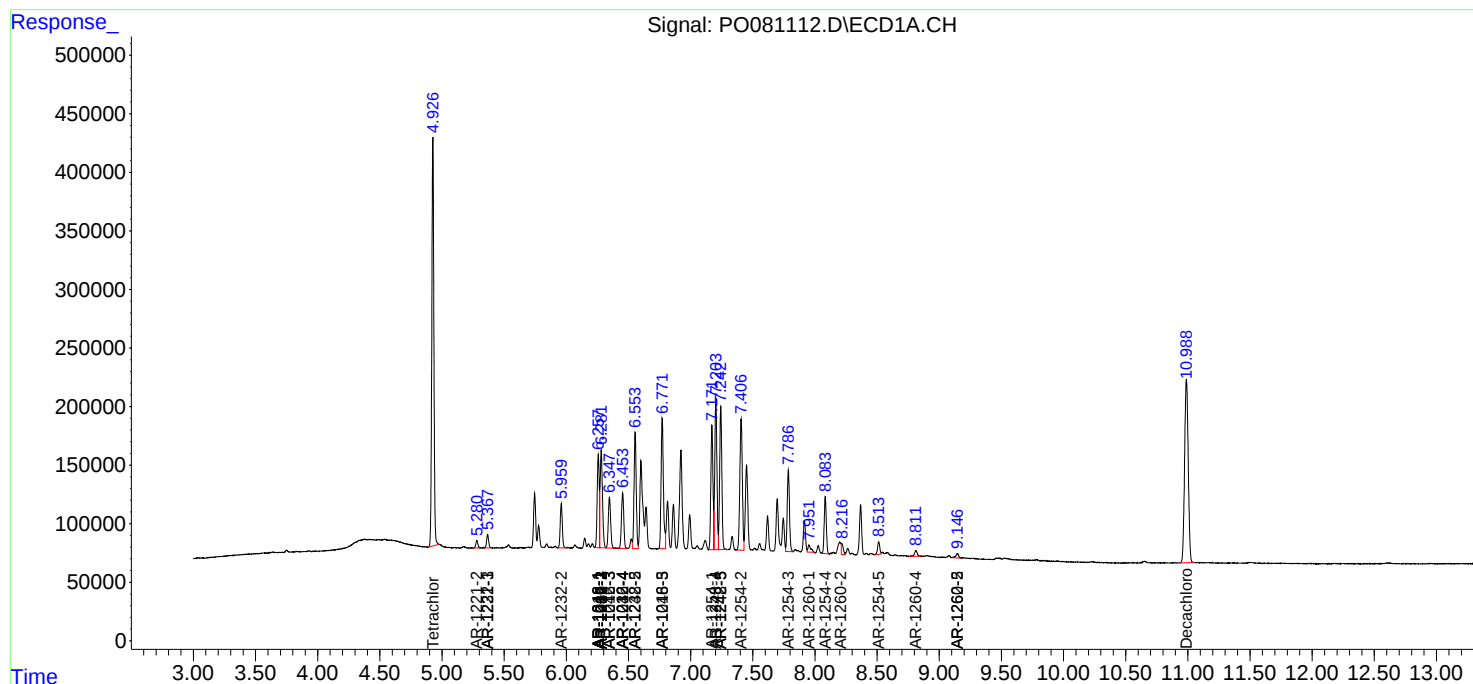
Instrument :  
ECD\_O  
ClientSampleId :

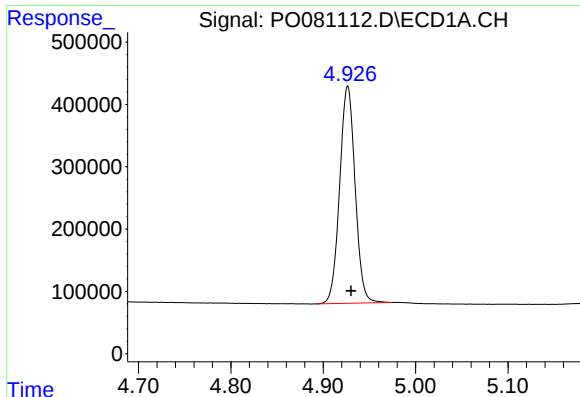
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO091021\  
Data File : PO081112.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Sep 2021 10:11  
Operator : DD\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 01:27:57 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

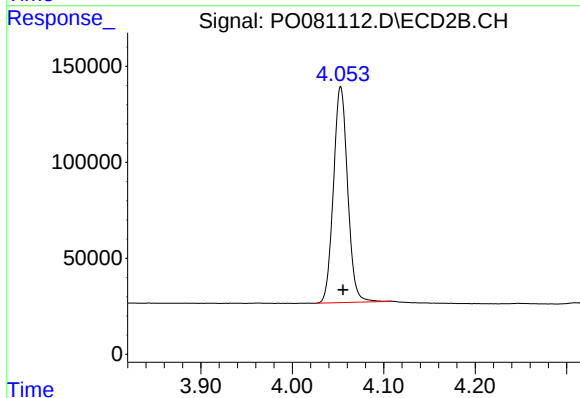




#1 Tetrachloro-m-xylene

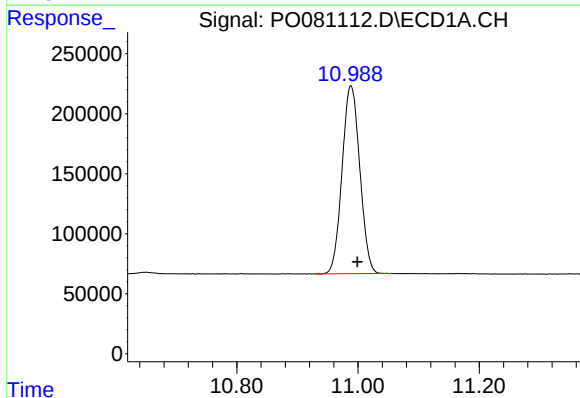
R.T.: 4.927 min  
Delta R.T.: -0.003 min  
Response: 4056706  
Conc: 51.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



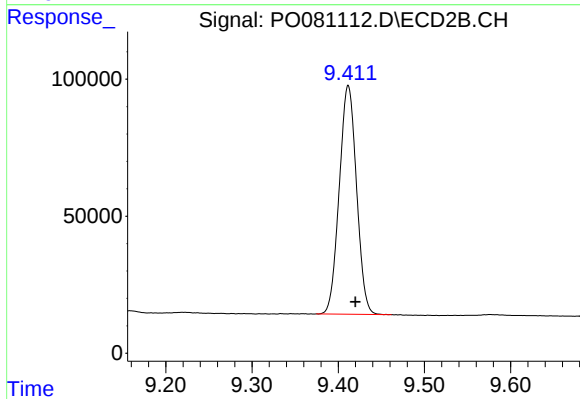
#1 Tetrachloro-m-xylene

R.T.: 4.053 min  
Delta R.T.: -0.002 min  
Response: 1214496  
Conc: 49.15 ng/ml



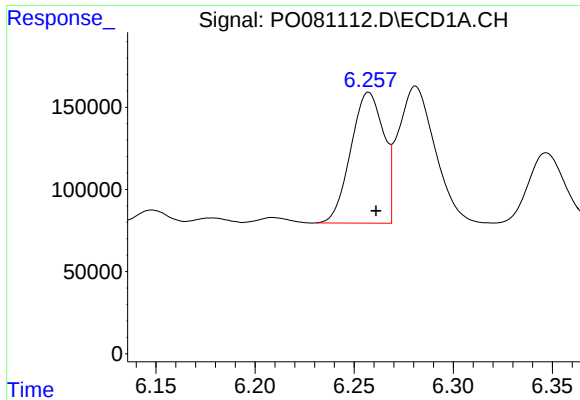
#2 Decachlorobiphenyl

R.T.: 10.988 min  
Delta R.T.: -0.011 min  
Response: 3176132  
Conc: 53.49 ng/ml



#2 Decachlorobiphenyl

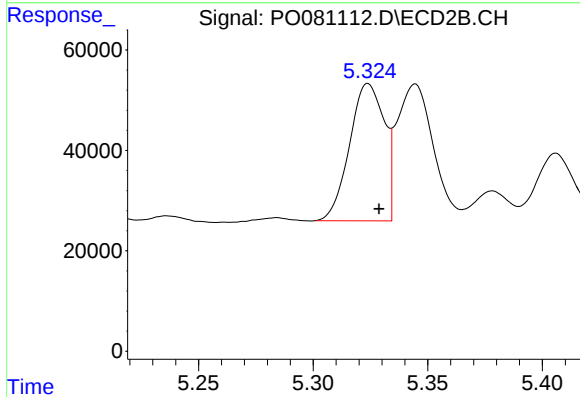
R.T.: 9.412 min  
Delta R.T.: -0.008 min  
Response: 1162222  
Conc: 49.79 ng/ml



#3 AR-1016-1

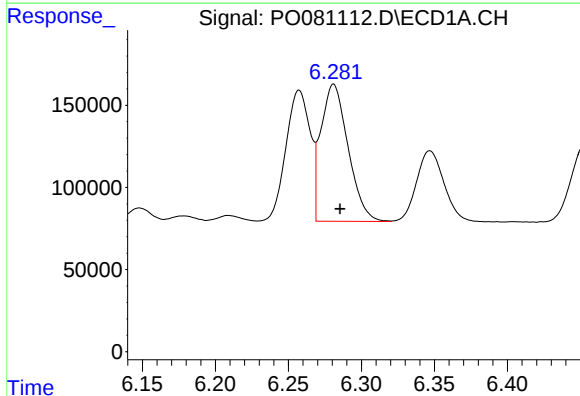
R.T.: 6.257 min  
Delta R.T.: -0.004 min  
Response: 918189  
Conc: 323.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



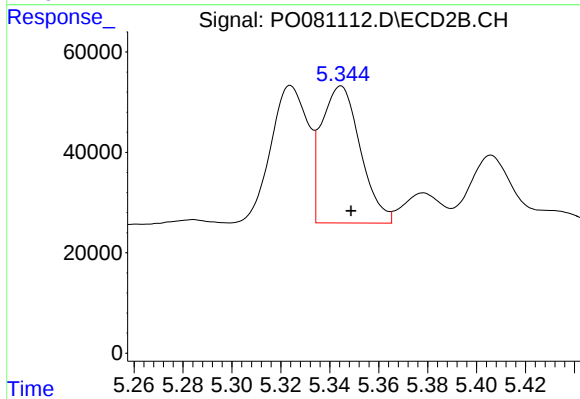
#3 AR-1016-1

R.T.: 5.324 min  
Delta R.T.: -0.005 min  
Response: 287768  
Conc: 298.35 ng/ml



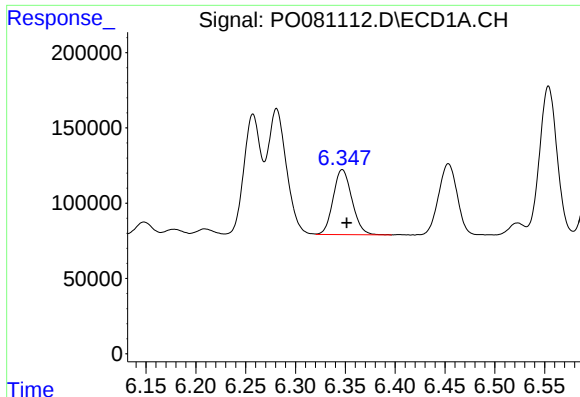
#4 AR-1016-2

R.T.: 6.281 min  
Delta R.T.: -0.004 min  
Response: 1082229  
Conc: 271.23 ng/ml



#4 AR-1016-2

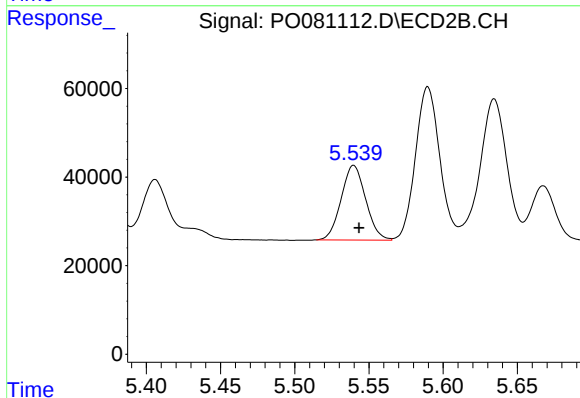
R.T.: 5.345 min  
Delta R.T.: -0.004 min  
Response: 300848  
Conc: 224.94 ng/ml



#5 AR-1016-3

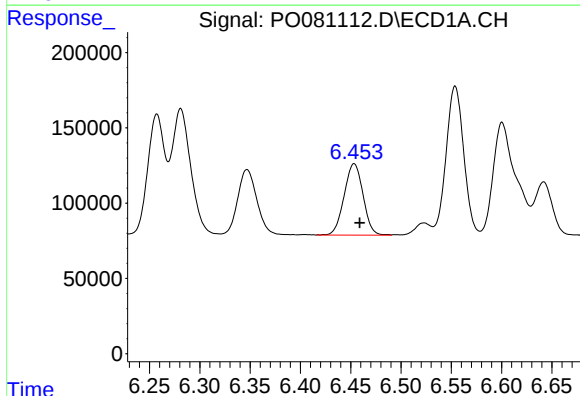
R.T.: 6.347 min  
Delta R.T.: -0.004 min  
Response: 567009  
Conc: 224.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



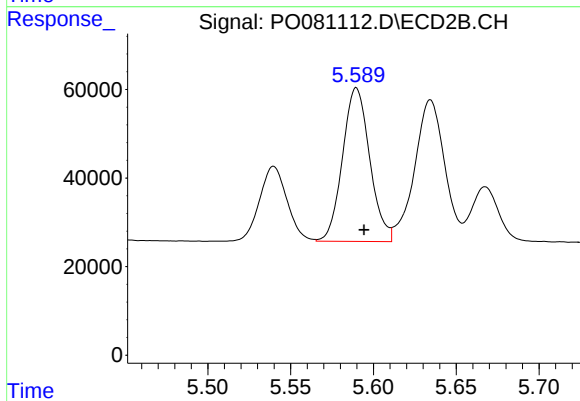
#5 AR-1016-3

R.T.: 5.540 min  
Delta R.T.: -0.004 min  
Response: 194019  
Conc: 271.40 ng/ml



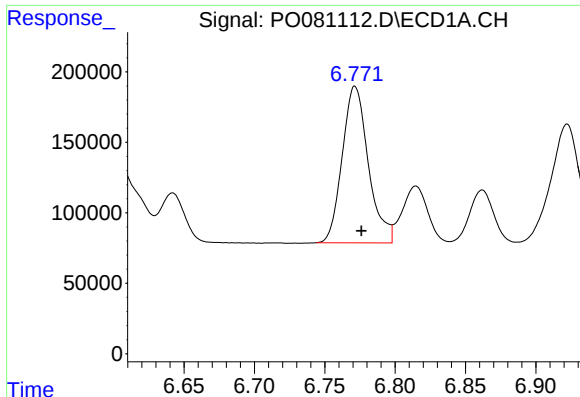
#6 AR-1016-4

R.T.: 6.453 min  
Delta R.T.: -0.006 min  
Response: 618780  
Conc: 292.07 ng/ml



#6 AR-1016-4

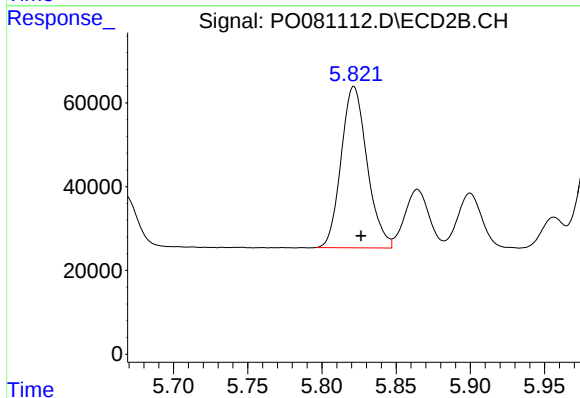
R.T.: 5.590 min  
Delta R.T.: -0.005 min  
Response: 397140  
Conc: 660.68 ng/ml



#7 AR-1016-5

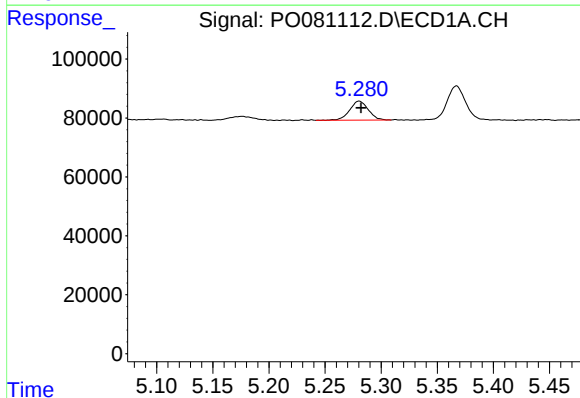
R.T.: 6.771 min  
Delta R.T.: -0.004 min  
Response: 1437014  
Conc: 732.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



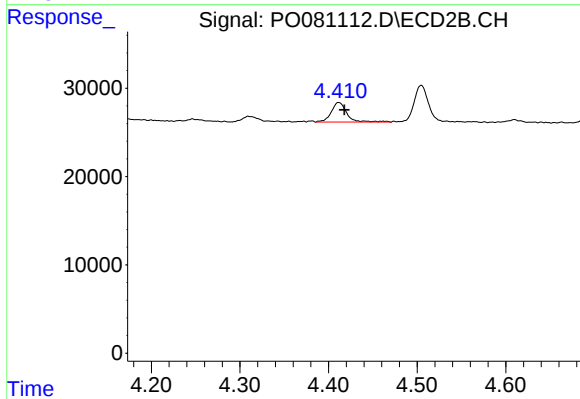
#7 AR-1016-5

R.T.: 5.822 min  
Delta R.T.: -0.005 min  
Response: 468908  
Conc: 622.92 ng/ml



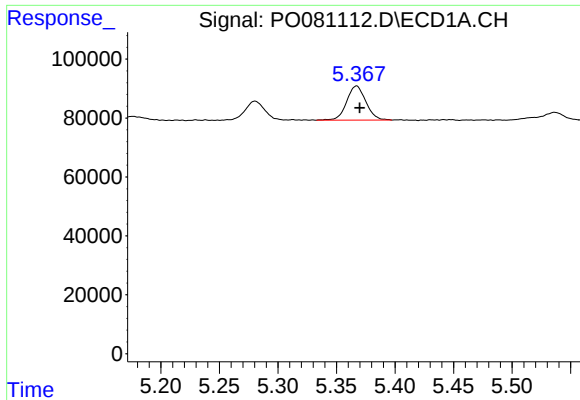
#9 AR-1221-2

R.T.: 5.281 min  
Delta R.T.: -0.002 min  
Response: 74507  
Conc: 101.35 ng/ml



#9 AR-1221-2

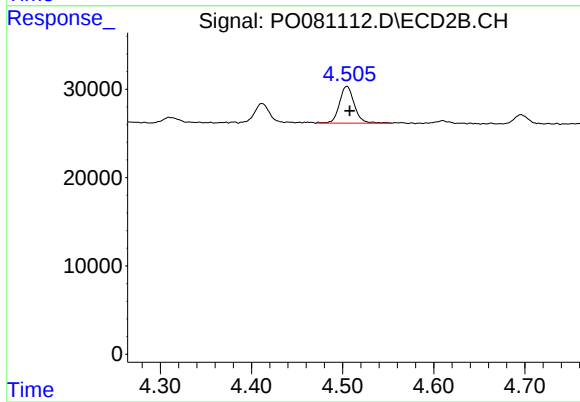
R.T.: 4.412 min  
Delta R.T.: -0.006 min  
Response: 27062  
Conc: 109.78 ng/ml



#10 AR-1221-3

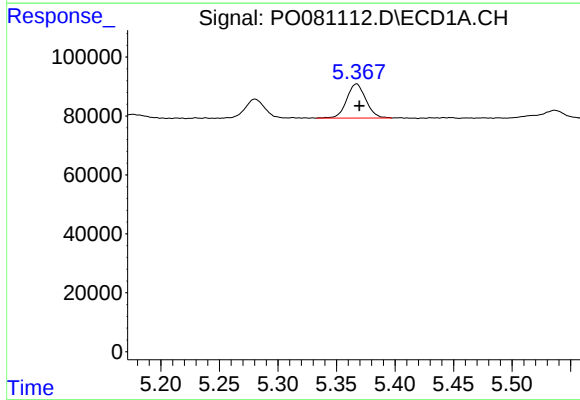
R.T.: 5.367 min  
Delta R.T.: -0.002 min  
Response: 131965  
Conc: 57.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



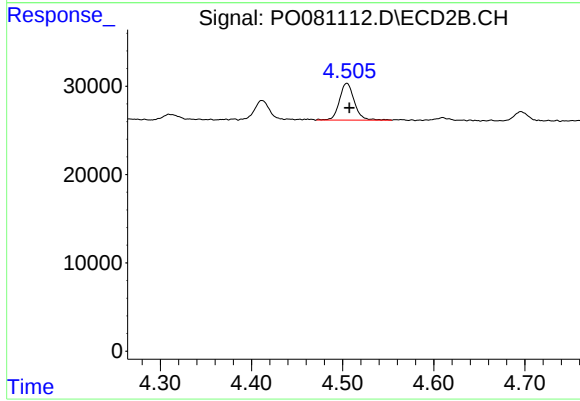
#10 AR-1221-3

R.T.: 4.505 min  
Delta R.T.: -0.003 min  
Response: 47211  
Conc: 60.27 ng/ml



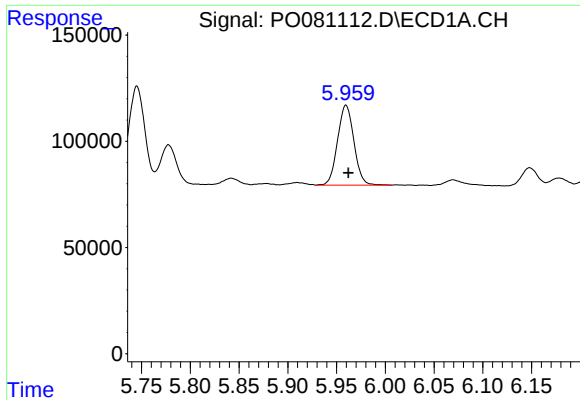
#11 AR-1232-1

R.T.: 5.367 min  
Delta R.T.: -0.002 min  
Response: 131965  
Conc: 76.71 ng/ml



#11 AR-1232-1

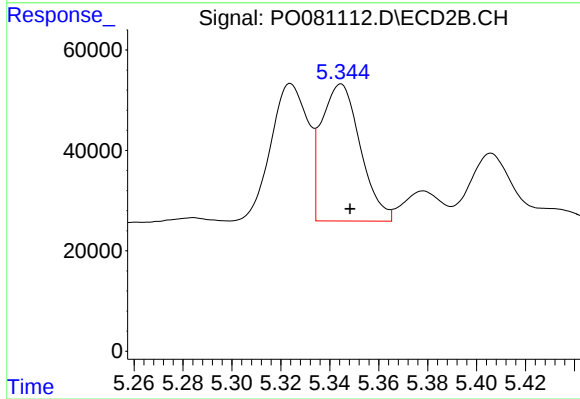
R.T.: 4.505 min  
Delta R.T.: -0.003 min  
Response: 47211  
Conc: 77.76 ng/ml



#12 AR-1232-2

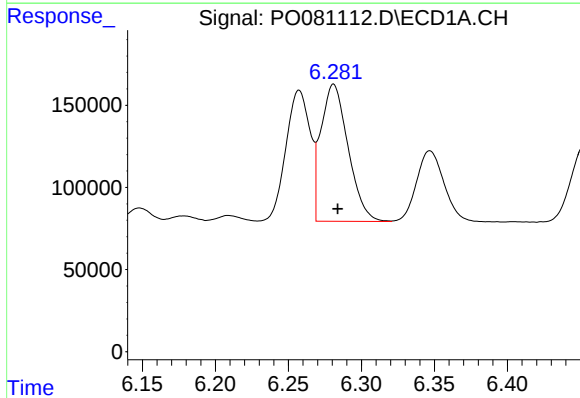
R.T.: 5.960 min  
Delta R.T.: -0.003 min  
Response: 439850  
Conc: 448.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



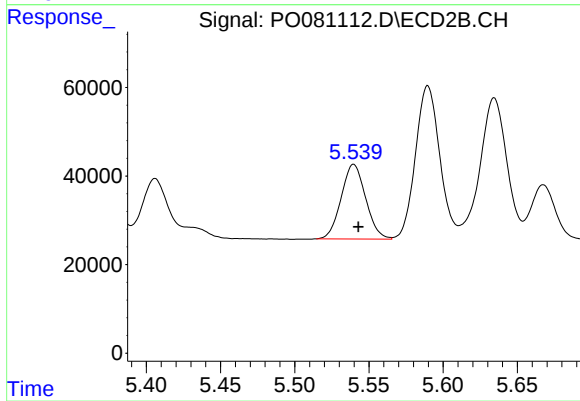
#12 AR-1232-2

R.T.: 5.345 min  
Delta R.T.: -0.004 min  
Response: 300848  
Conc: 490.83 ng/ml



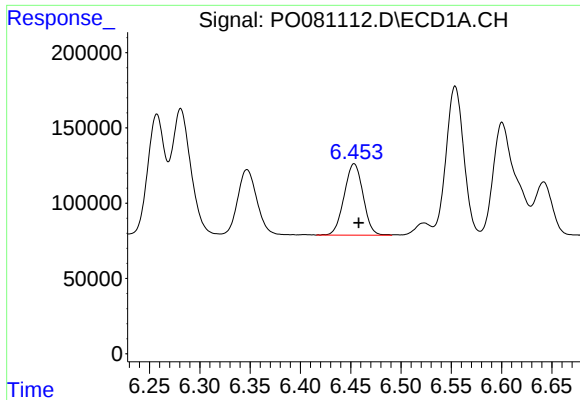
#13 AR-1232-3

R.T.: 6.281 min  
Delta R.T.: -0.003 min  
Response: 1082229  
Conc: 597.92 ng/ml



#13 AR-1232-3

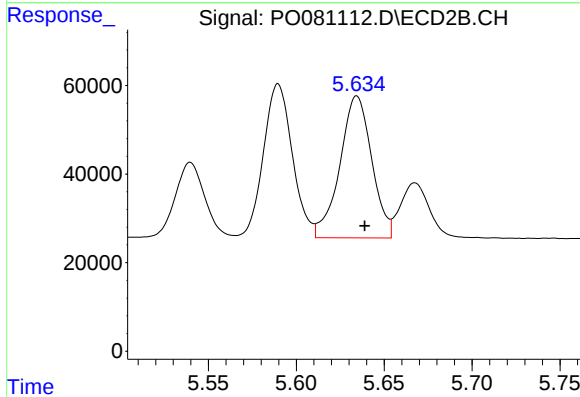
R.T.: 5.540 min  
Delta R.T.: -0.003 min  
Response: 194019  
Conc: 597.70 ng/ml



#14 AR-1232-4

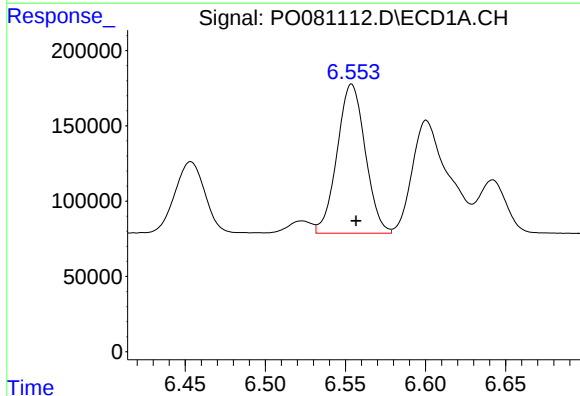
R.T.: 6.453 min  
Delta R.T.: -0.005 min  
Response: 618780  
Conc: 638.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



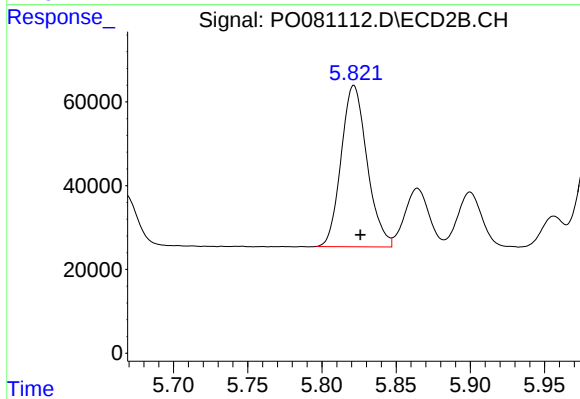
#14 AR-1232-4

R.T.: 5.634 min  
Delta R.T.: -0.004 min  
Response: 404300  
Conc: 1340.59 ng/ml



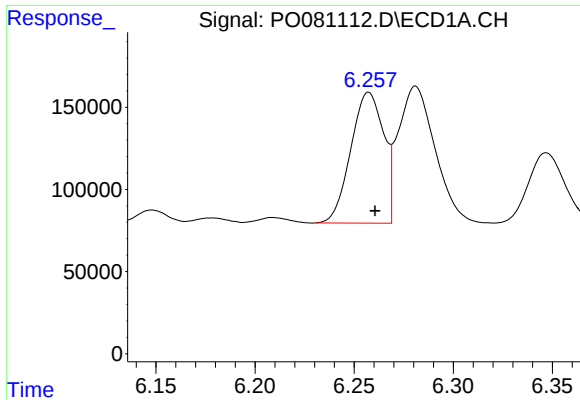
#15 AR-1232-5

R.T.: 6.554 min  
Delta R.T.: -0.003 min  
Response: 1211282  
Conc: 1808.26 ng/ml



#15 AR-1232-5

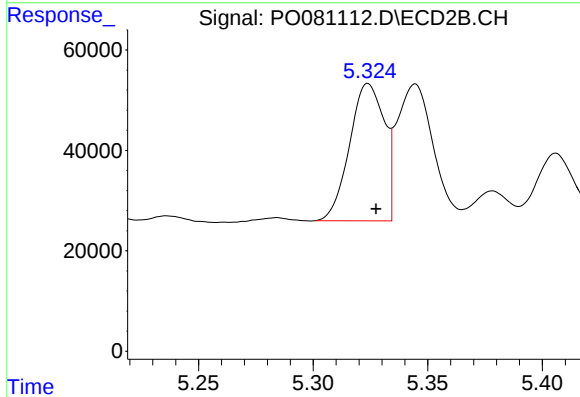
R.T.: 5.822 min  
Delta R.T.: -0.004 min  
Response: 468908  
Conc: 1409.37 ng/ml



#16 AR-1242-1

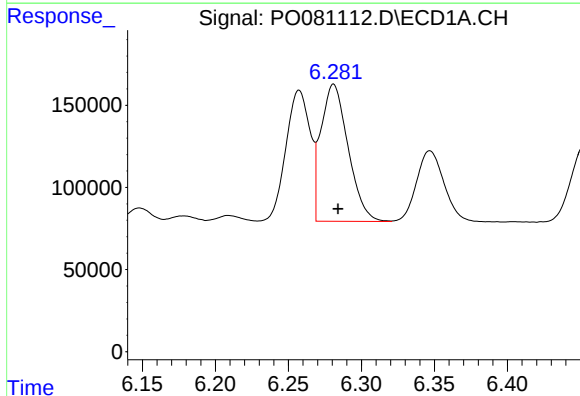
R.T.: 6.257 min  
Delta R.T.: -0.003 min  
Response: 918189  
Conc: 419.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



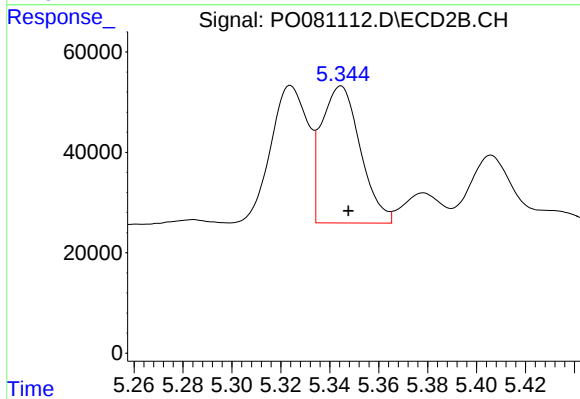
#16 AR-1242-1

R.T.: 5.324 min  
Delta R.T.: -0.003 min  
Response: 287768  
Conc: 386.33 ng/ml



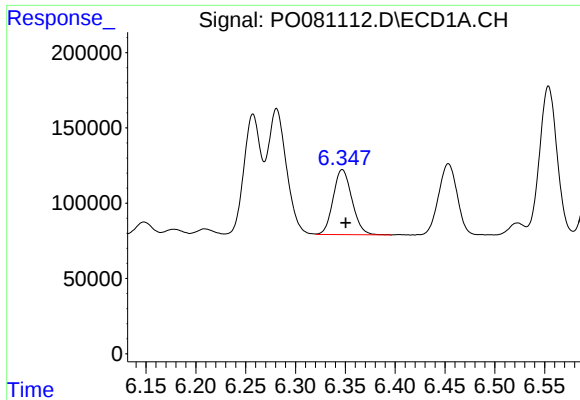
#17 AR-1242-2

R.T.: 6.281 min  
Delta R.T.: -0.003 min  
Response: 1082229  
Conc: 353.80 ng/ml



#17 AR-1242-2

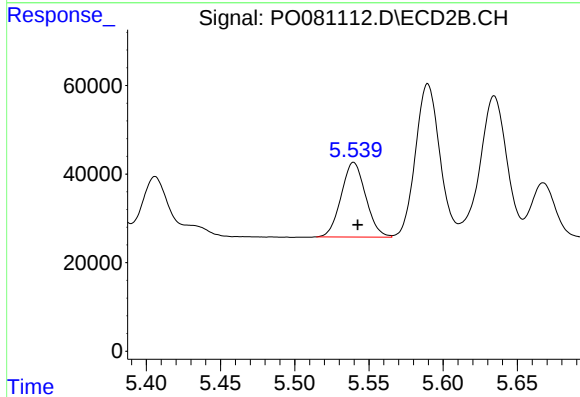
R.T.: 5.345 min  
Delta R.T.: -0.003 min  
Response: 300848  
Conc: 294.93 ng/ml



#18 AR-1242-3

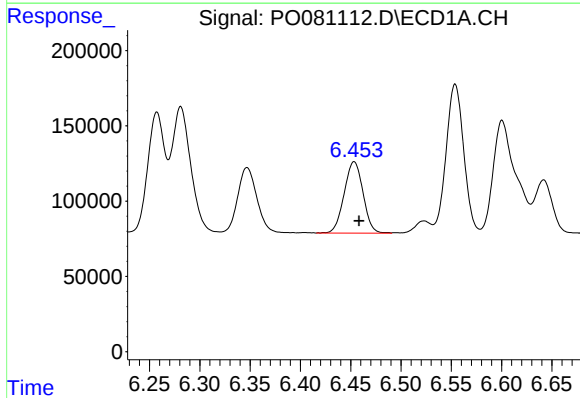
R.T.: 6.347 min  
Delta R.T.: -0.004 min  
Response: 567009  
Conc: 296.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



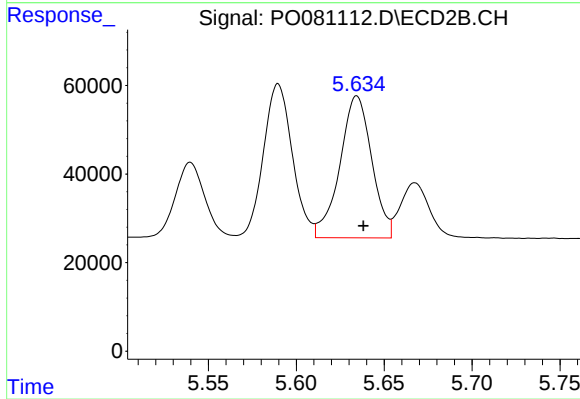
#18 AR-1242-3

R.T.: 5.540 min  
Delta R.T.: -0.003 min  
Response: 194019  
Conc: 349.63 ng/ml



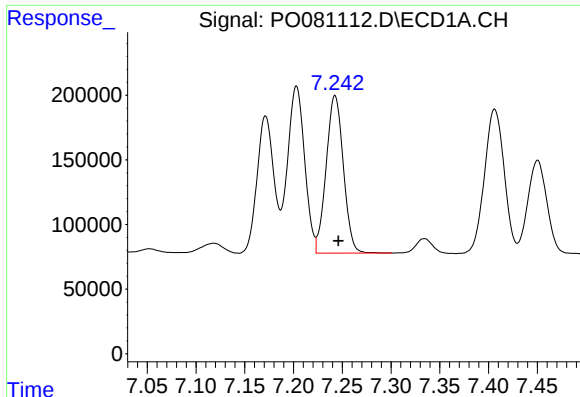
#19 AR-1242-4

R.T.: 6.453 min  
Delta R.T.: -0.005 min  
Response: 618780  
Conc: 401.15 ng/ml



#19 AR-1242-4

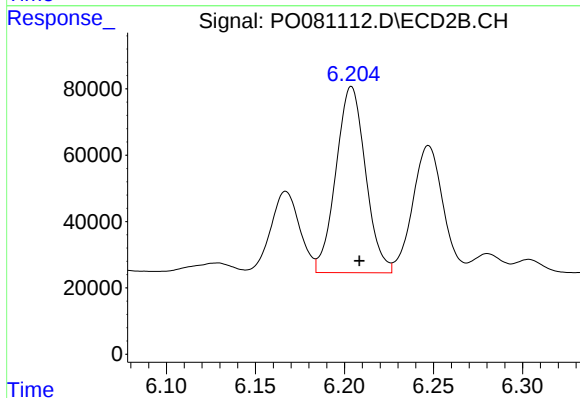
R.T.: 5.634 min  
Delta R.T.: -0.004 min  
Response: 404300  
Conc: 714.63 ng/ml



#20 AR-1242-5

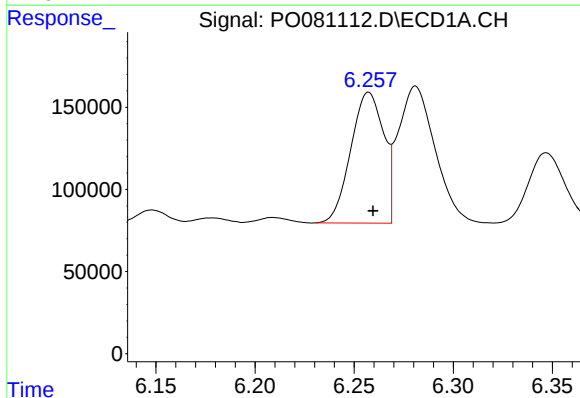
R.T.: 7.243 min  
Delta R.T.: -0.004 min  
Response: 1496616  
Conc: 934.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



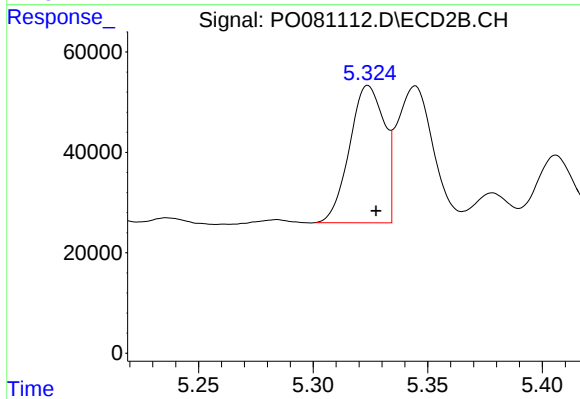
#20 AR-1242-5

R.T.: 6.204 min  
Delta R.T.: -0.004 min  
Response: 649121  
Conc: 896.27 ng/ml



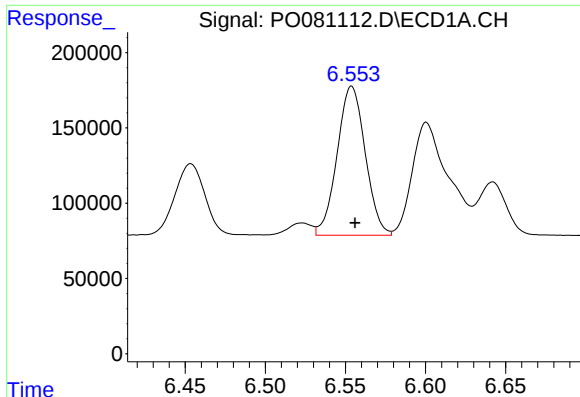
#21 AR-1248-1

R.T.: 6.257 min  
Delta R.T.: -0.002 min  
Response: 918189  
Conc: 532.16 ng/ml



#21 AR-1248-1

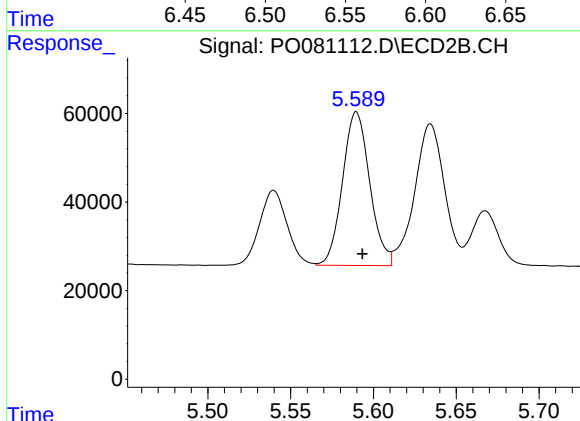
R.T.: 5.324 min  
Delta R.T.: -0.003 min  
Response: 287768  
Conc: 486.06 ng/ml



#22 AR-1248-2

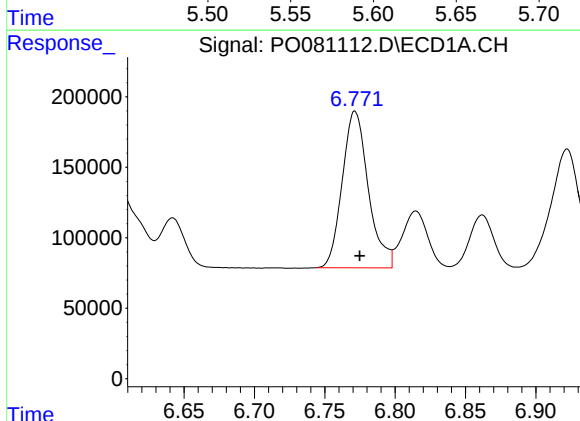
R.T.: 6.554 min  
Delta R.T.: -0.002 min  
Response: 1211282  
Conc: 544.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



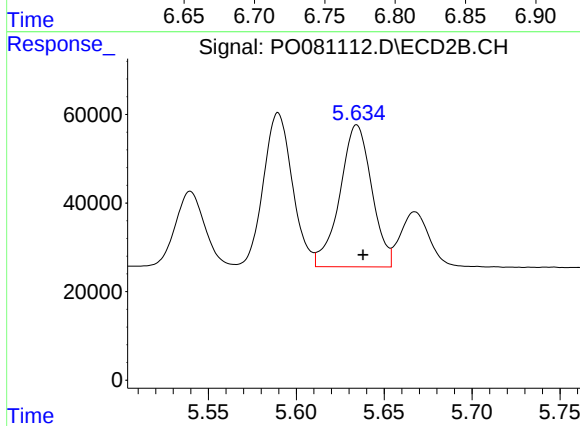
#22 AR-1248-2

R.T.: 5.590 min  
Delta R.T.: -0.004 min  
Response: 397140  
Conc: 478.16 ng/ml



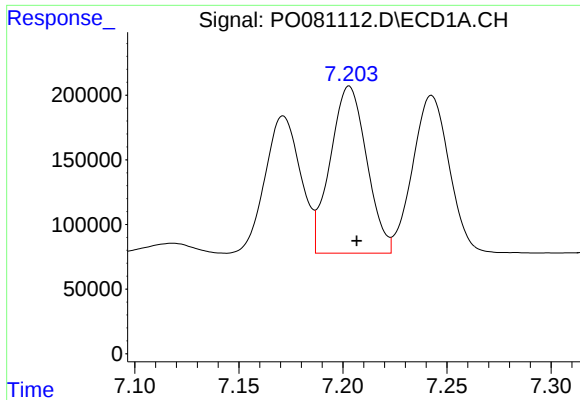
#23 AR-1248-3

R.T.: 6.771 min  
Delta R.T.: -0.003 min  
Response: 1437014  
Conc: 543.00 ng/ml



#23 AR-1248-3

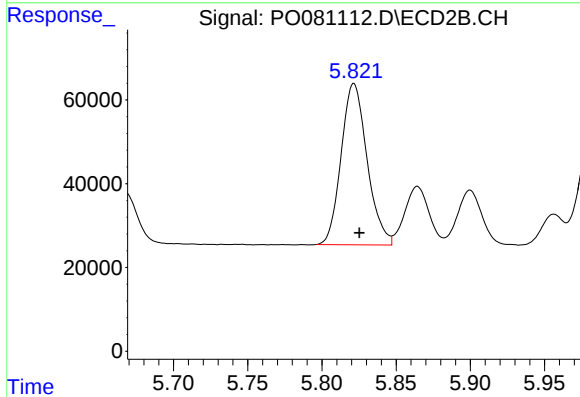
R.T.: 5.634 min  
Delta R.T.: -0.004 min  
Response: 404300  
Conc: 476.36 ng/ml



#24 AR-1248-4

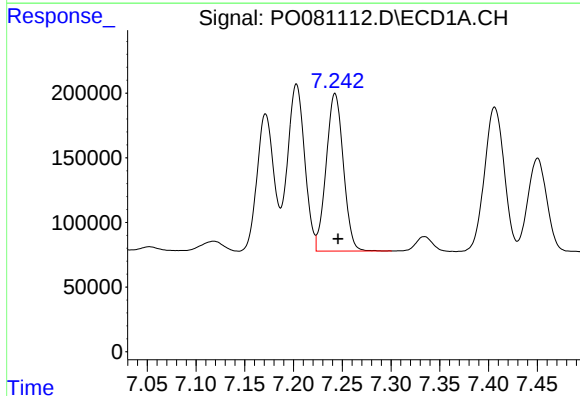
R.T.: 7.203 min  
Delta R.T.: -0.004 min  
Response: 1572371  
Conc: 545.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



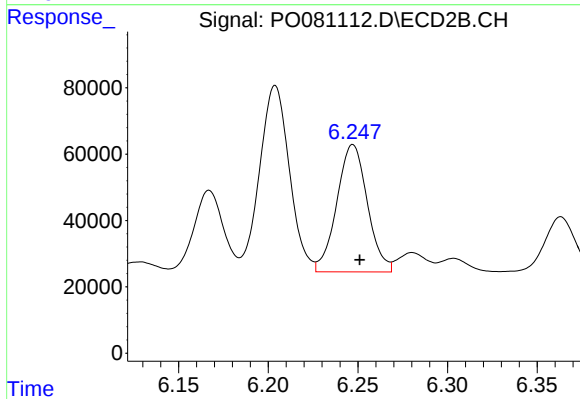
#24 AR-1248-4

R.T.: 5.822 min  
Delta R.T.: -0.004 min  
Response: 468908  
Conc: 474.27 ng/ml



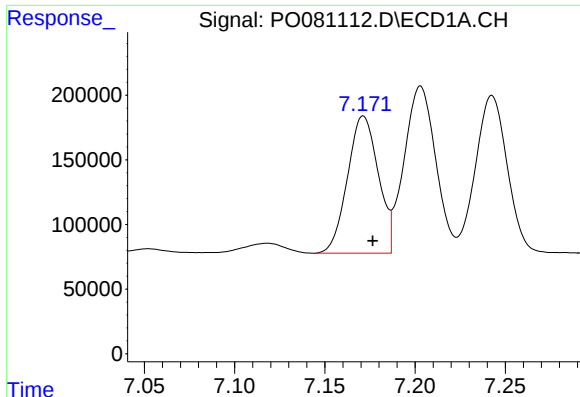
#25 AR-1248-5

R.T.: 7.243 min  
Delta R.T.: -0.003 min  
Response: 1496616  
Conc: 544.20 ng/ml



#25 AR-1248-5

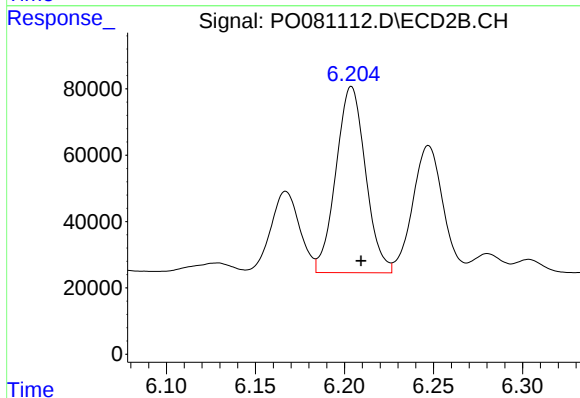
R.T.: 6.247 min  
Delta R.T.: -0.004 min  
Response: 455606  
Conc: 502.53 ng/ml



#26 AR-1254-1

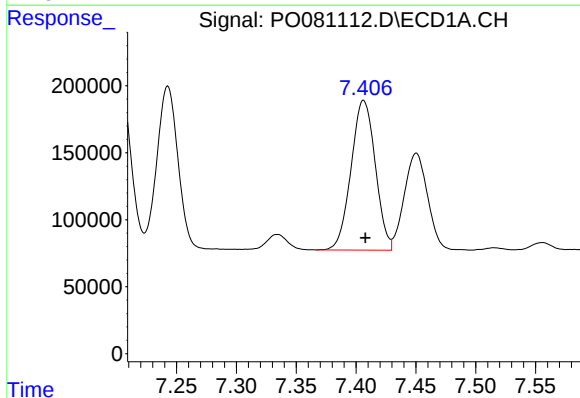
R.T.: 7.171 min  
Delta R.T.: -0.005 min  
Response: 1260712  
Conc: 390.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



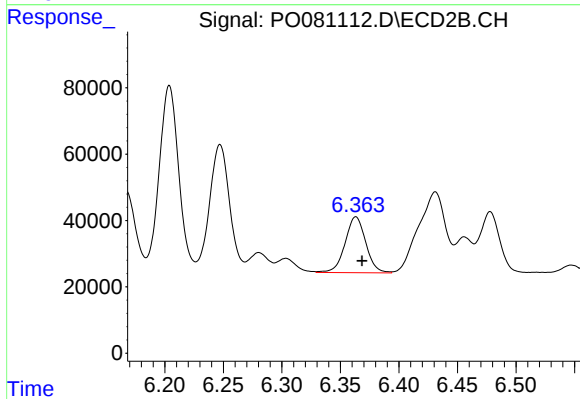
#26 AR-1254-1

R.T.: 6.204 min  
Delta R.T.: -0.005 min  
Response: 649121  
Conc: 410.35 ng/ml



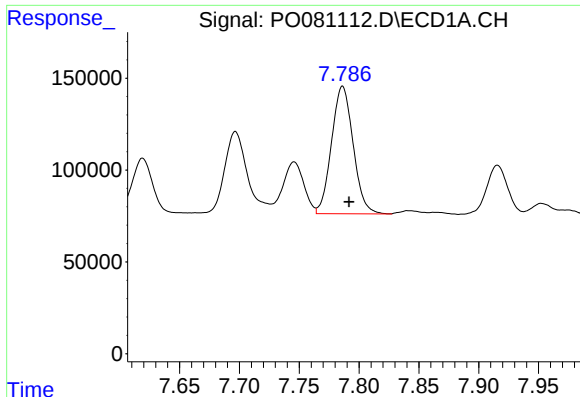
#27 AR-1254-2

R.T.: 7.406 min  
Delta R.T.: -0.002 min  
Response: 1576512  
Conc: 316.76 ng/ml



#27 AR-1254-2

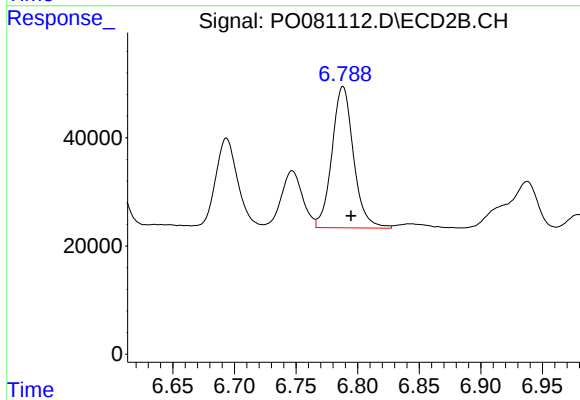
R.T.: 6.363 min  
Delta R.T.: -0.005 min  
Response: 207658  
Conc: 143.63 ng/ml



#28 AR-1254-3

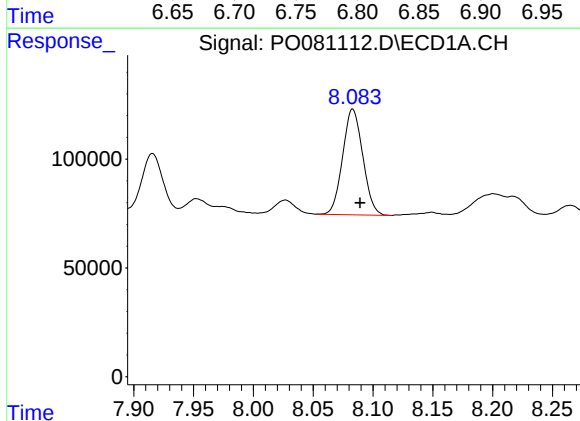
R.T.: 7.786 min  
Delta R.T.: -0.005 min  
Response: 873393  
Conc: 172.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



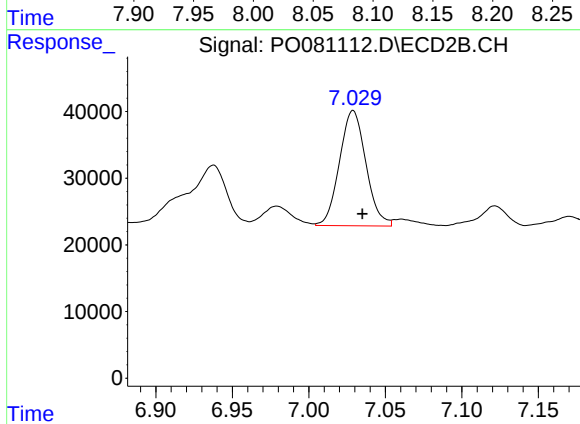
#28 AR-1254-3

R.T.: 6.788 min  
Delta R.T.: -0.007 min  
Response: 318721  
Conc: 142.46 ng/ml



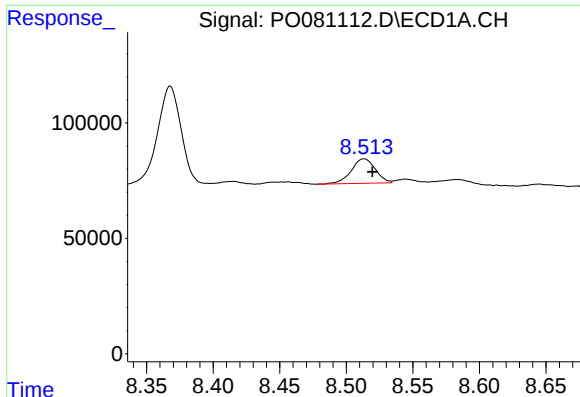
#29 AR-1254-4

R.T.: 8.083 min  
Delta R.T.: -0.006 min  
Response: 570170  
Conc: 152.57 ng/ml



#29 AR-1254-4

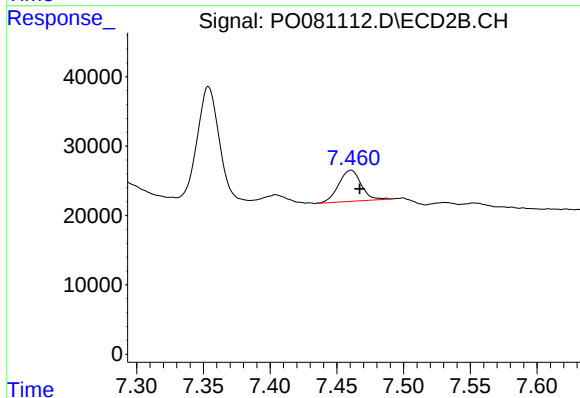
R.T.: 7.029 min  
Delta R.T.: -0.006 min  
Response: 208345  
Conc: 147.18 ng/ml



#30 AR-1254-5

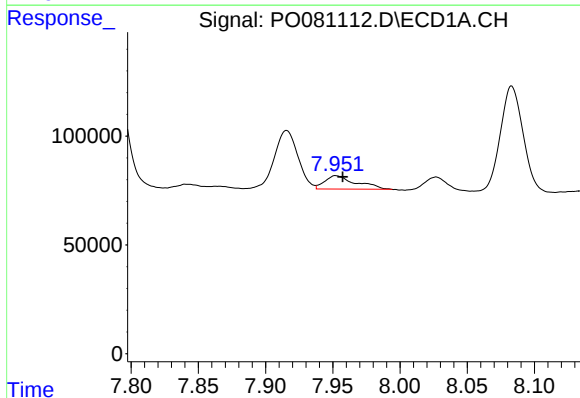
R.T.: 8.513 min  
Delta R.T.: -0.006 min  
Response: 134004  
Conc: 32.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



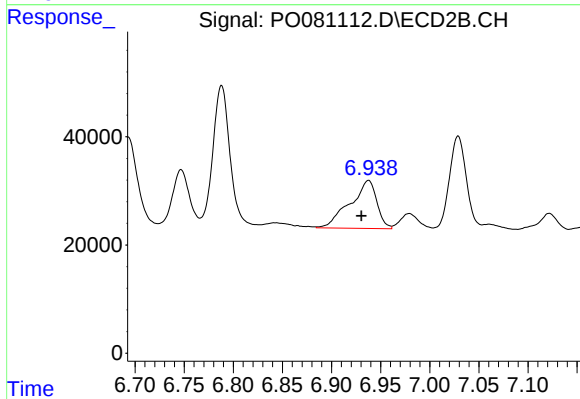
#30 AR-1254-5

R.T.: 7.461 min  
Delta R.T.: -0.007 min  
Response: 52391  
Conc: 24.83 ng/ml



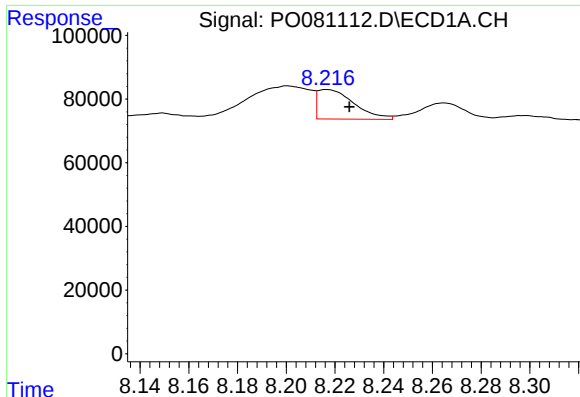
#31 AR-1260-1

R.T.: 7.952 min  
Delta R.T.: -0.005 min  
Response: 99847  
Conc: 28.72 ng/ml



#31 AR-1260-1

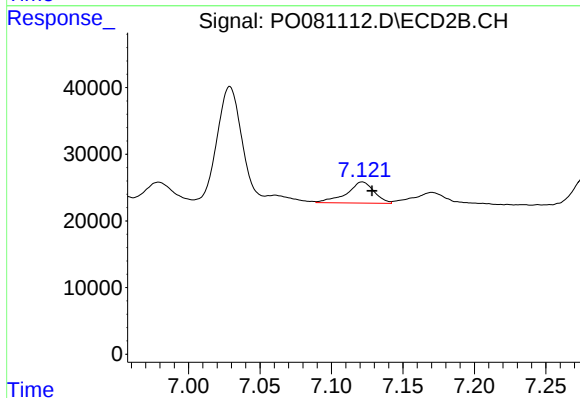
R.T.: 6.938 min  
Delta R.T.: 0.007 min  
Response: 168791  
Conc: 115.01 ng/ml



#32 AR-1260-2

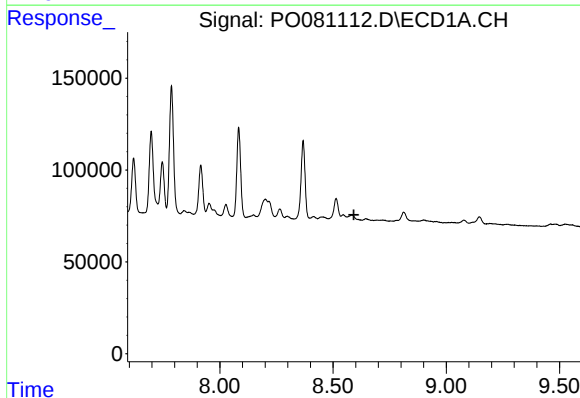
R.T.: 8.217 min  
Delta R.T.: -0.009 min  
Response: 96510  
Conc: 21.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



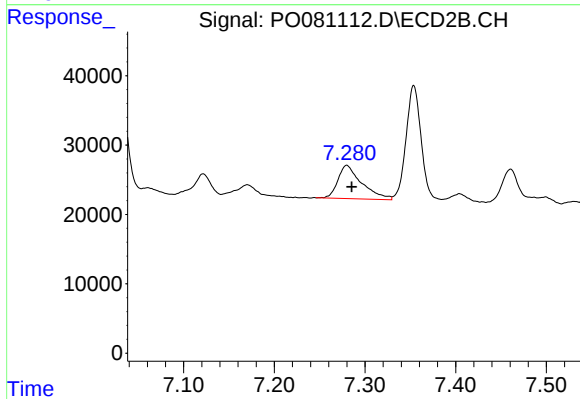
#32 AR-1260-2

R.T.: 7.122 min  
Delta R.T.: -0.007 min  
Response: 42841  
Conc: 24.41 ng/ml



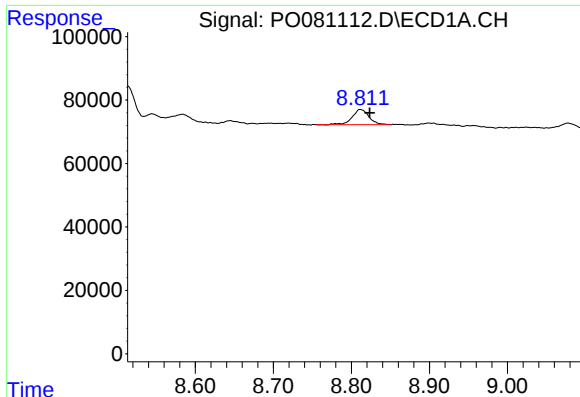
#33 AR-1260-3

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



#33 AR-1260-3

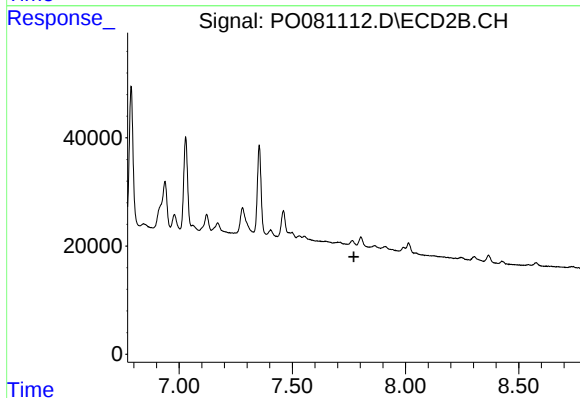
R.T.: 7.280 min  
Delta R.T.: -0.005 min  
Response: 88090  
Conc: 48.12 ng/ml



#34 AR-1260-4

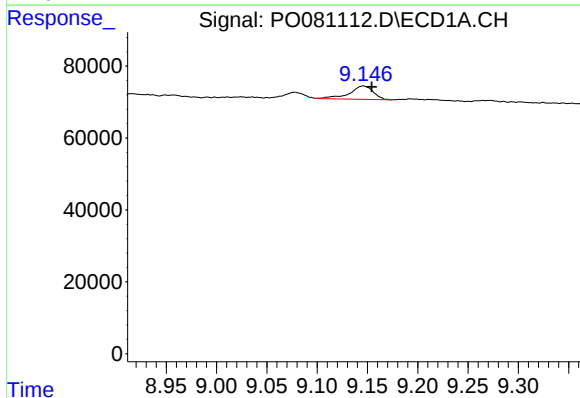
R.T.: 8.811 min  
Delta R.T.: -0.012 min  
Response: 72177  
Conc: 22.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



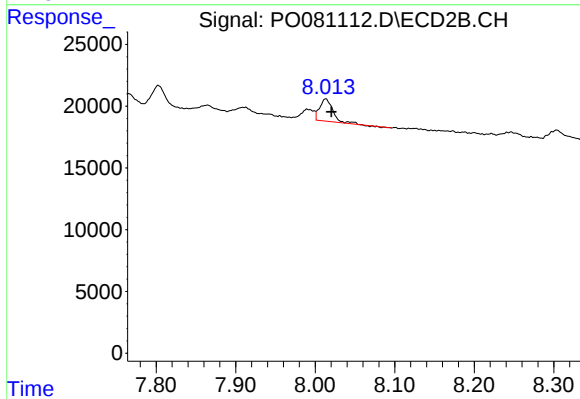
#34 AR-1260-4

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



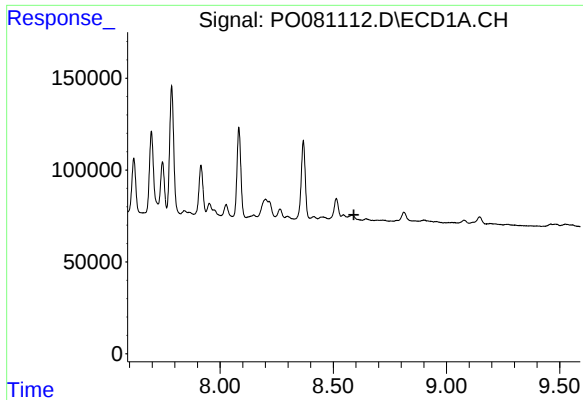
#35 AR-1260-5

R.T.: 9.146 min  
Delta R.T.: -0.008 min  
Response: 61395  
Conc: 10.26 ng/ml



#35 AR-1260-5

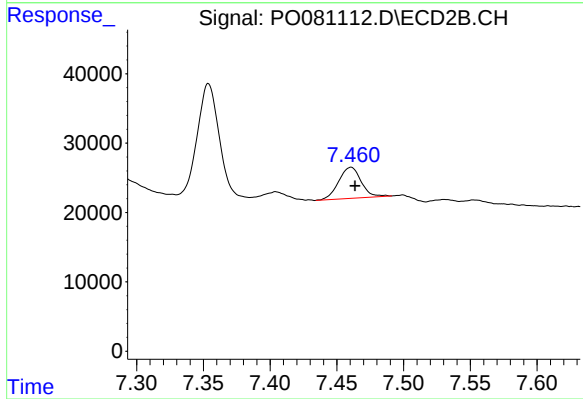
R.T.: 8.013 min  
Delta R.T.: -0.007 min  
Response: 20743  
Conc: 7.33 ng/ml



#36 AR-1262-1

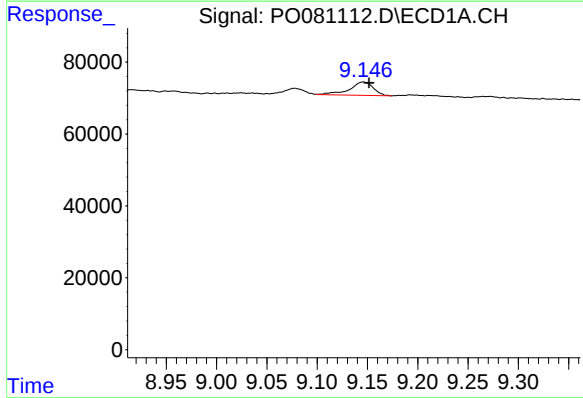
R.T.: 0.000 min  
Exp R.T.: 8.591 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



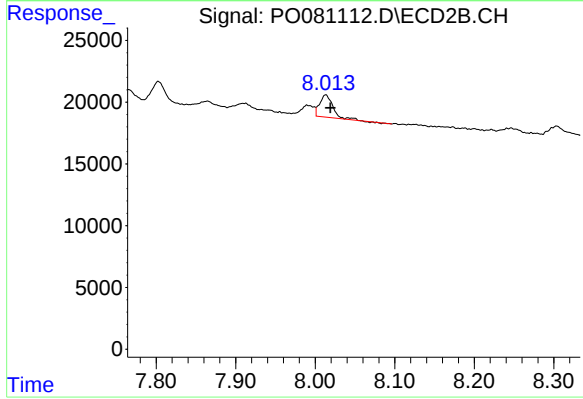
#36 AR-1262-1

R.T.: 7.461 min  
Delta R.T.: -0.003 min  
Response: 52391  
Conc: 49.33 ng/ml



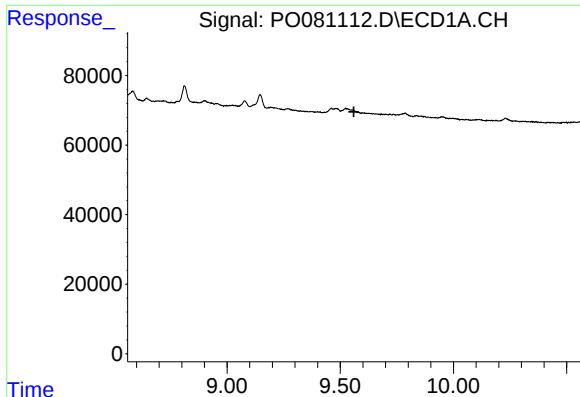
#37 AR-1262-2

R.T.: 9.146 min  
Delta R.T.: -0.006 min  
Response: 61395  
Conc: 8.01 ng/ml



#37 AR-1262-2

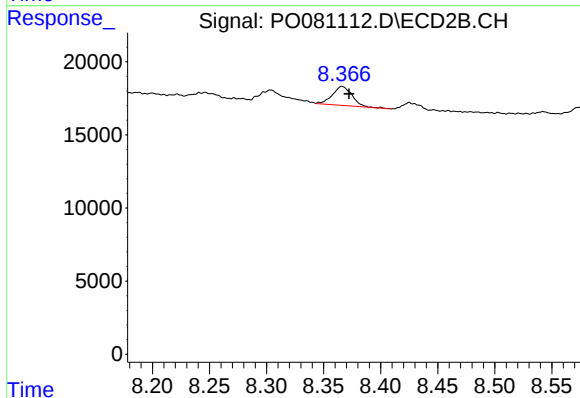
R.T.: 8.013 min  
Delta R.T.: -0.006 min  
Response: 20743  
Conc: 6.30 ng/ml



#39 AR-1262-4

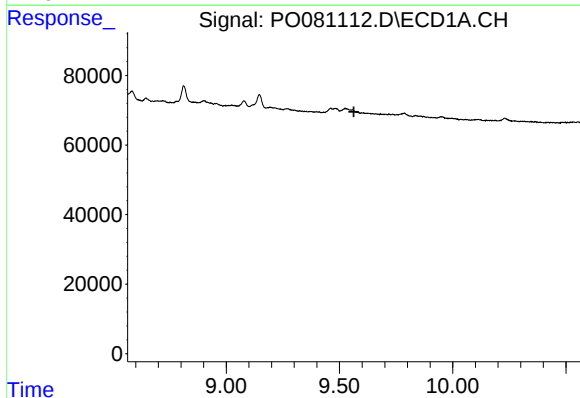
R.T.: 0.000 min  
Exp R.T.: 9.560 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



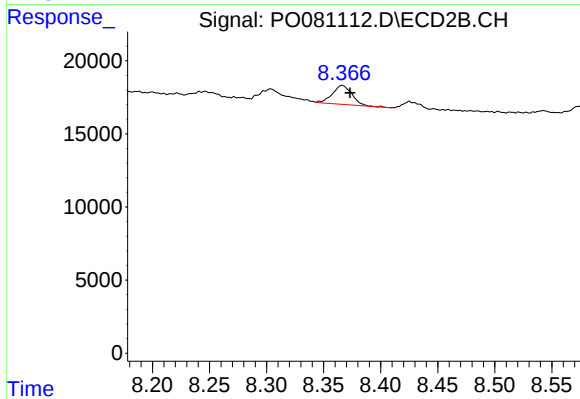
#39 AR-1262-4

R.T.: 8.366 min  
Delta R.T.: -0.006 min  
Response: 15564  
Conc: 6.56 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.564 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.366 min  
Delta R.T.: -0.007 min  
Response: 15564  
Conc: 4.59 ng/ml