

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO112219\  
 Data File : PO064002.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 22 Nov 2019 11:10  
 Operator : SM/AJ  
 Sample : K5684-09 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 3C

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 22 11:23:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO111419.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 15 01:29:03 2019  
 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... | 4.322 | 3.566 | 369383  | 266419  | 12.081   | 11.995    |
| 2)                          | SA Decachlor... | 9.950 | 8.537 | 300731  | 241029  | 7.401    | 8.241     |
| Target Compounds            |                 |       |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 5.416 | 0.000 | 19084   | 0       | 13.741   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.879 | 0       | 40912   | N.D.     | 54.943 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.879 | 0       | 40912   | N.D.     | 65.668 #  |
| 7)                          | L1 AR-1016-5    | 5.957 | 0.000 | 24894   | 0       | 23.395   | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.879 | 0       | 40912   | N.D.     | 77.295 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.920 | 0       | 11652   | N.D.     | 24.817 #  |
| 15)                         | L3 AR-1232-5    | 5.754 | 0.000 | 58036   | 0       | 99.006   | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.416 | 0.000 | 19084   | 0       | 18.038   | N.D. #    |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.879 | 0       | 40912   | N.D.     | 71.408 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.920 | 0       | 11652   | N.D.     | 20.407 #  |
| 20)                         | L4 AR-1242-5    | 6.401 | 5.442 | 79092   | 253479  | 76.113   | 325.663 # |
| 21)                         | L5 AR-1248-1    | 5.416 | 0.000 | 19084   | 0       | 21.852   | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.754 | 4.879 | 58036   | 40912   | 45.804   | 47.468    |
| 23)                         | L5 AR-1248-3    | 5.957 | 4.920 | 24894   | 11652   | 17.450   | 13.169    |
| 24)                         | L5 AR-1248-4    | 6.361 | 0.000 | 138397  | 0       | 79.957   | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.401 | 5.482 | 79092   | 28110   | 46.893   | 25.203 #  |
| 26)                         | L6 AR-1254-1    | 6.331 | 5.442 | 282469  | 253479  | 161.686  | 143.064   |
| 27)                         | L6 AR-1254-2    | 6.549 | 5.587 | 721624  | 536668  | 258.859  | 340.361 # |
| 28)                         | L6 AR-1254-3    | 6.915 | 5.991 | 959686  | 1269203 | 305.689  | 473.339 # |
| 29)                         | L6 AR-1254-4    | 7.200 | 6.218 | 863076  | 656364  | 349.052  | 370.130   |
| 30)                         | L6 AR-1254-5    | 7.616 | 6.633 | 2868291 | 2010077 | 1058.178 | 804.440   |
| 31)                         | L7 AR-1260-1    | 7.076 | 6.119 | 1263643 | 1071129 | 626.153  | 682.071   |
| 32)                         | L7 AR-1260-2    | 7.333 | 6.307 | 2065892 | 1577553 | 819.999  | 801.960   |
| 33)                         | L7 AR-1260-3    | 7.691 | 6.461 | 1990094 | 1121014 | 982.199  | 628.552 # |
| 34)                         | L7 AR-1260-4    | 7.915 | 6.930 | 2378568 | 1276012 | 998.779  | 810.444   |
| 35)                         | L7 AR-1260-5    | 8.226 | 7.171 | 3104010 | 3128936 | 661.231  | 807.063   |
| 36)                         | L8 AR-1262-1    | 7.691 | 6.724 | 1990094 | 649131  | 618.137  | 620.867   |
| 37)                         | L8 AR-1262-2    | 8.226 | 7.171 | 3104010 | 3128936 | 526.876  | 659.669 # |
| 38)                         | L8 AR-1262-3    | 8.528 | 7.454 | 2268371 | 1156550 | 553.592  | 617.077   |
| 39)                         | L8 AR-1262-4    | 8.611 | 7.517 | 1523562 | 2138644 | 487.173  | 605.773   |
| 40)                         | L8 AR-1262-5    | 9.240 | 8.009 | 1148687 | 935660  | 527.315  | 612.807   |
| 41)                         | L9 AR-1268-1    | 8.528 | 7.454 | 2268371 | 1156550 | 335.566  | 216.645 # |
| 42)                         | L9 AR-1268-2    | 8.611 | 7.517 | 1523562 | 2138644 | 242.798  | 429.152 # |
| 43)                         | L9 AR-1268-3    | 8.830 | 7.724 | 76052   | 60287   | 14.650   | 15.187    |
| 44)                         | L9 AR-1268-4    | 9.240 | 8.009 | 1148687 | 935660  | 472.556  | 552.350   |
| 45)                         | L9 AR-1268-5    | 9.631 | 8.290 | 358353  | 274756  | 23.303   | 23.230    |
| -----                       |                 |       |       |         |         |          |           |

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

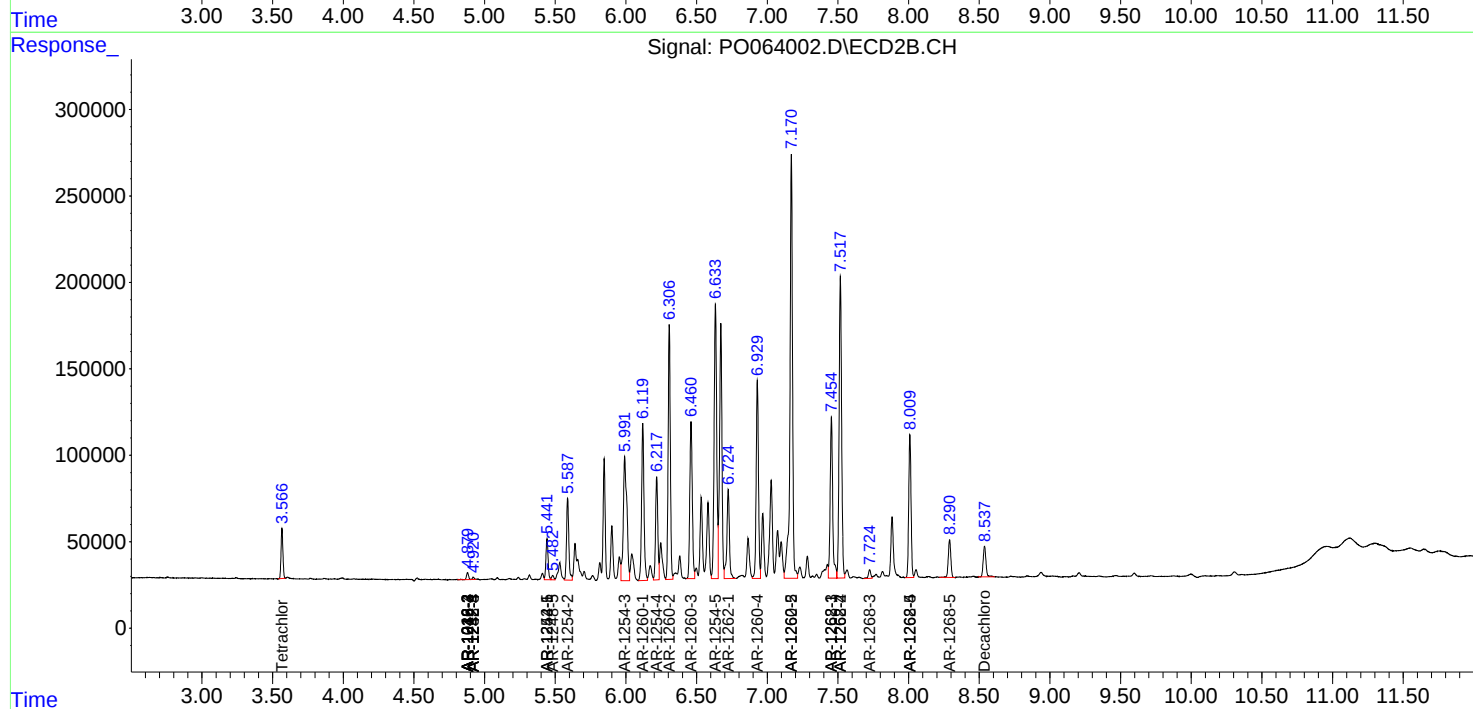
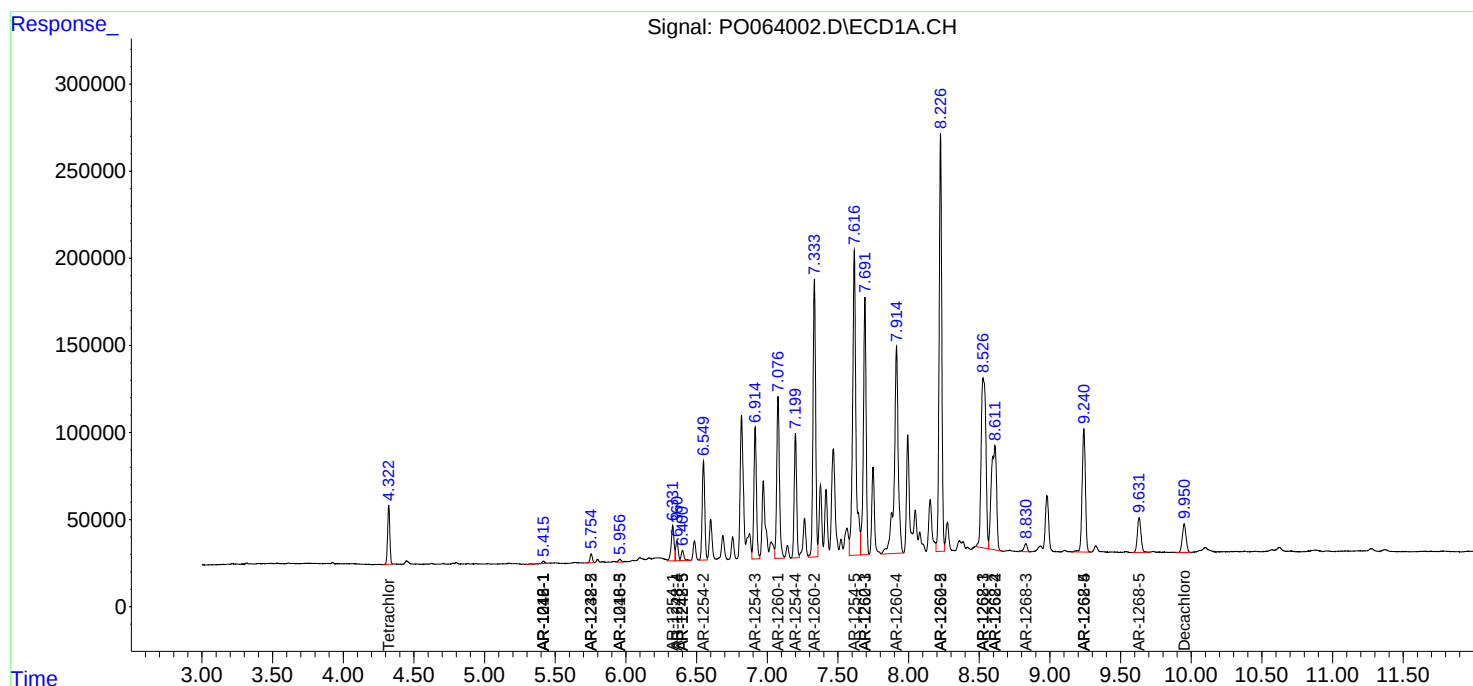
Instrument :  
ECD\_O  
ClientSampleId :  
3C

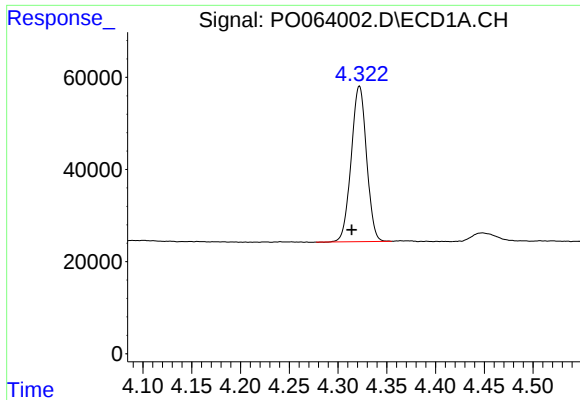
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO112219\  
Data File : P0064002.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 22 Nov 2019 11:10  
Operator : SM/AJ  
Sample : K5684-09 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
3C

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 22 11:23:26 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO111419.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 15 01:29:03 2019  
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

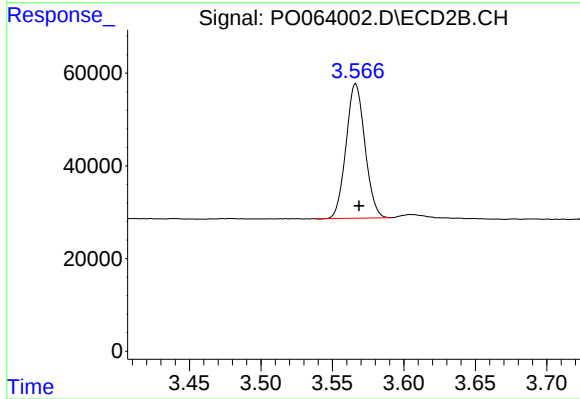




#1 Tetrachloro-m-xylene

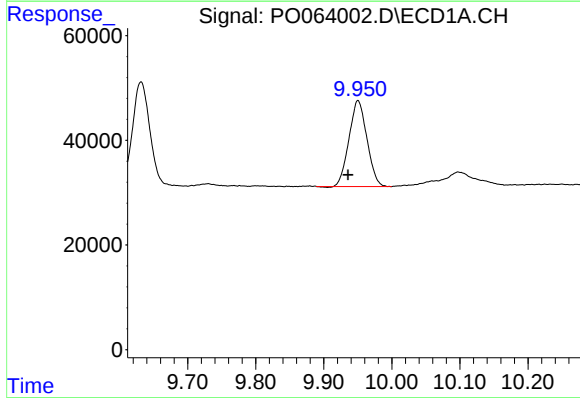
R.T.: 4.322 min  
Delta R.T.: 0.008 min  
Response: 369383  
Conc: 12.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



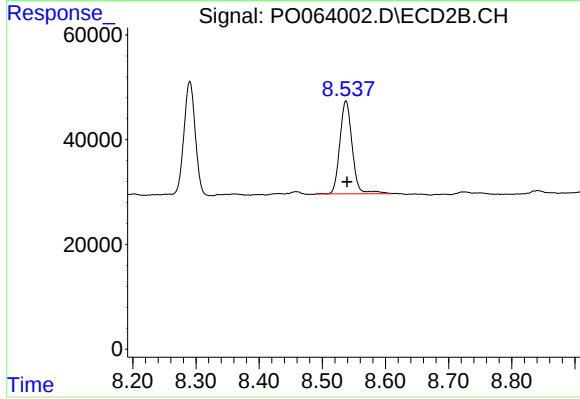
#1 Tetrachloro-m-xylene

R.T.: 3.566 min  
Delta R.T.: -0.002 min  
Response: 266419  
Conc: 11.99 ng/ml



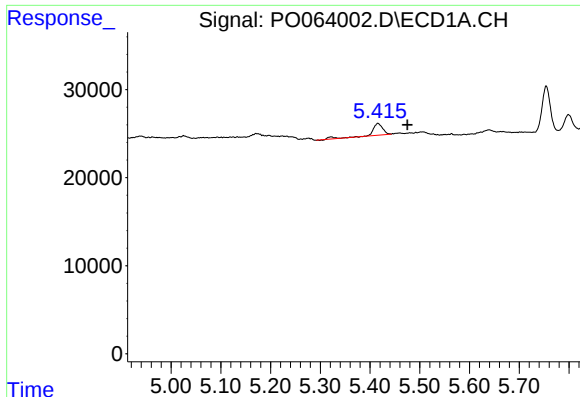
#2 Decachlorobiphenyl

R.T.: 9.950 min  
Delta R.T.: 0.015 min  
Response: 300731  
Conc: 7.40 ng/ml



#2 Decachlorobiphenyl

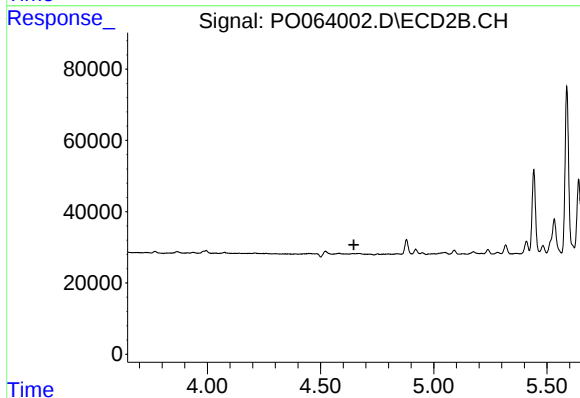
R.T.: 8.537 min  
Delta R.T.: -0.002 min  
Response: 241029  
Conc: 8.24 ng/ml



#3 AR-1016-1

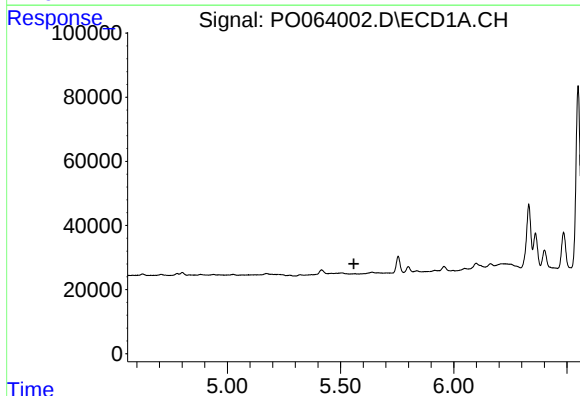
R.T.: 5.416 min  
Delta R.T.: -0.059 min  
Response: 19084  
Conc: 13.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



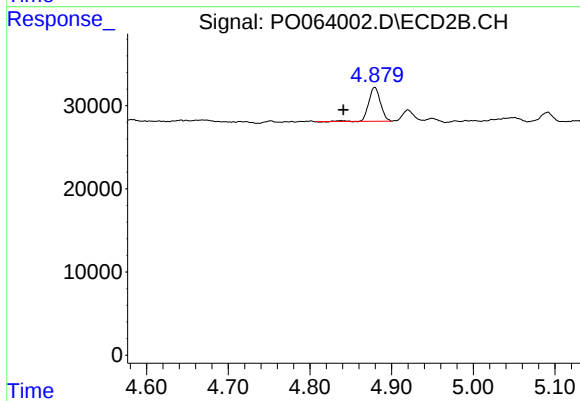
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.647 min  
Response: 0  
Conc: N.D.



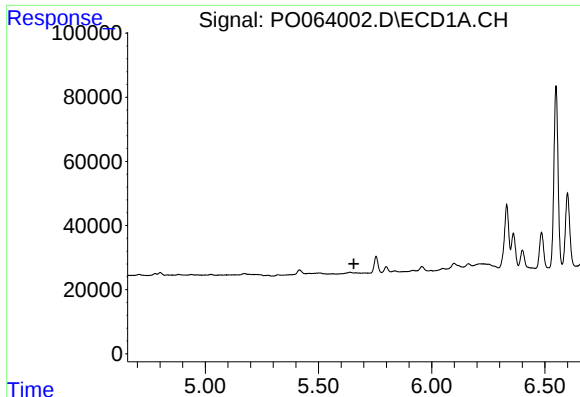
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.558 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

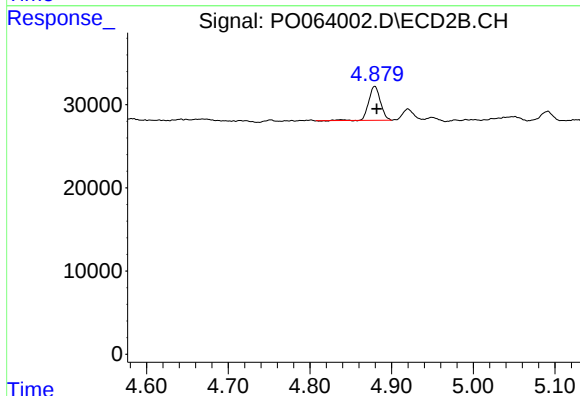
R.T.: 4.879 min  
Delta R.T.: 0.038 min  
Response: 40912  
Conc: 54.94 ng/ml



#6 AR-1016-4

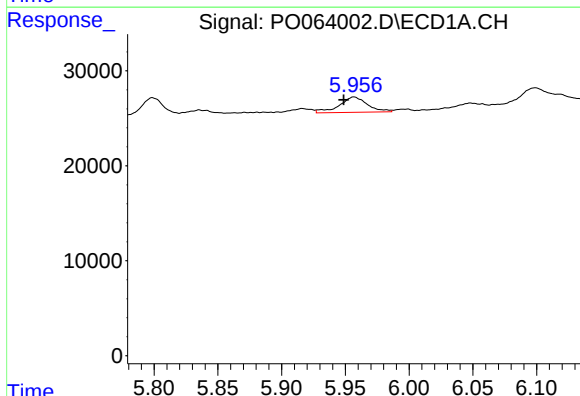
R.T.: 0.000 min  
Exp R.T.: 5.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
3C



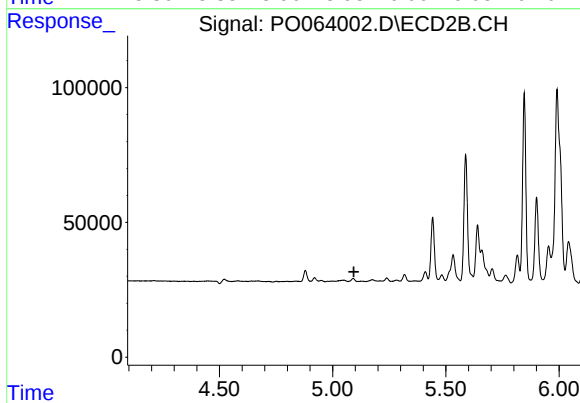
#6 AR-1016-4

R.T.: 4.879 min  
Delta R.T.: -0.002 min  
Response: 40912  
Conc: 65.67 ng/ml



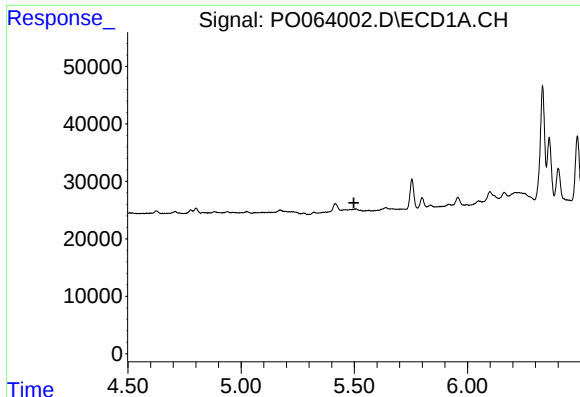
#7 AR-1016-5

R.T.: 5.957 min  
Delta R.T.: 0.008 min  
Response: 24894  
Conc: 23.39 ng/ml



#7 AR-1016-5

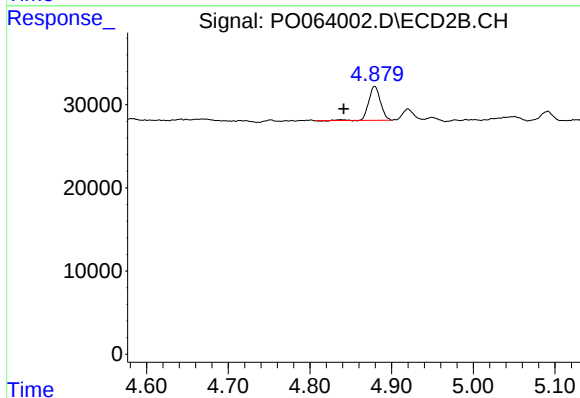
R.T.: 0.000 min  
Exp R.T.: 5.094 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

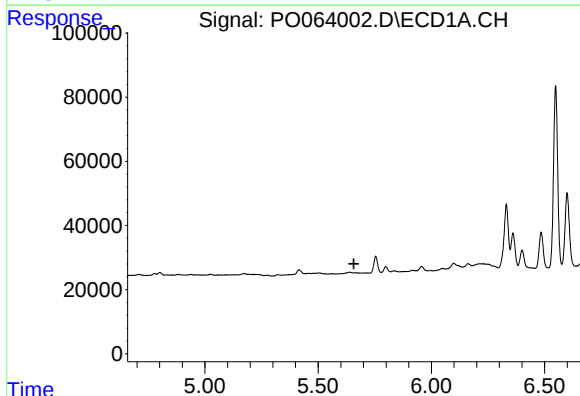
R.T.: 0.000 min  
Exp R.T.: 5.498 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
3C



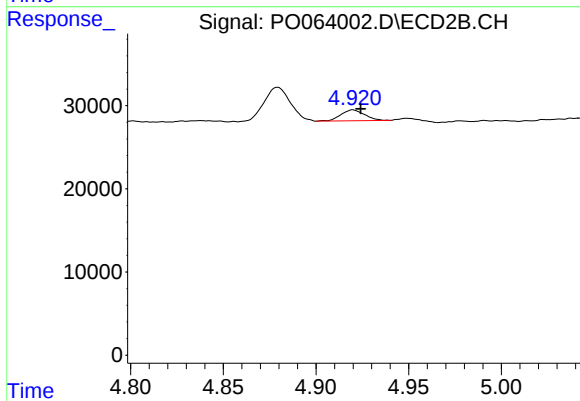
#13 AR-1232-3

R.T.: 4.879 min  
Delta R.T.: 0.038 min  
Response: 40912  
Conc: 77.29 ng/ml



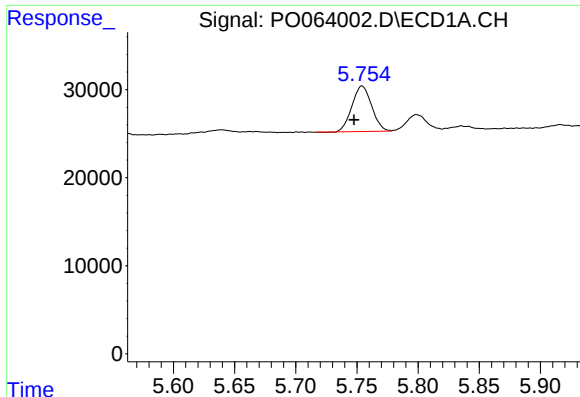
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.658 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

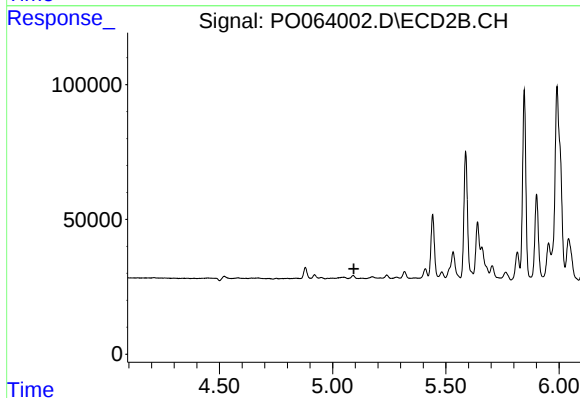
R.T.: 4.920 min  
Delta R.T.: -0.004 min  
Response: 11652  
Conc: 24.82 ng/ml



#15 AR-1232-5

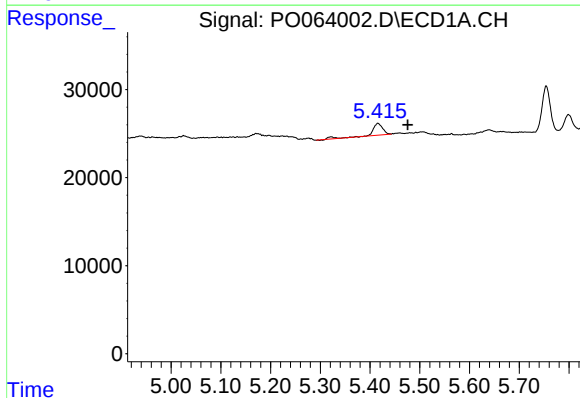
R.T.: 5.754 min  
Delta R.T.: 0.007 min  
Response: 58036  
Conc: 99.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



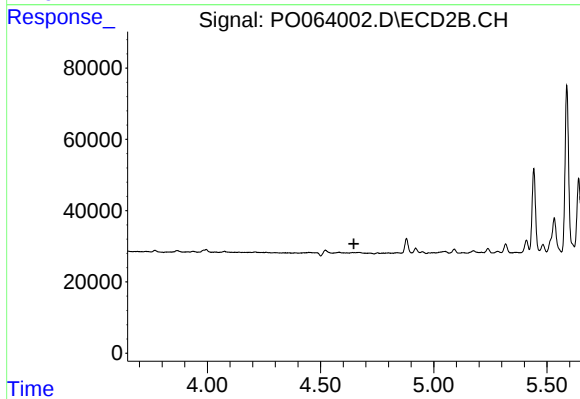
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.094 min  
Response: 0  
Conc: N.D.



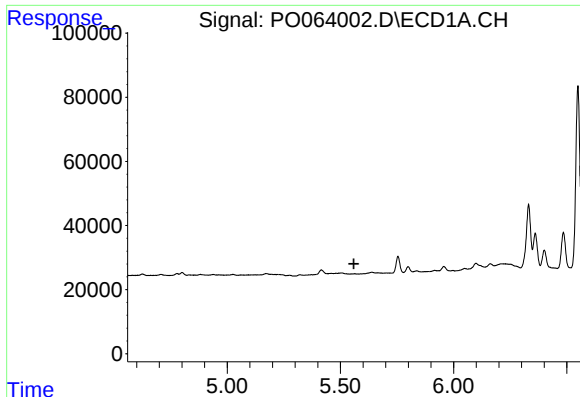
#16 AR-1242-1

R.T.: 5.416 min  
Delta R.T.: -0.060 min  
Response: 19084  
Conc: 18.04 ng/ml



#16 AR-1242-1

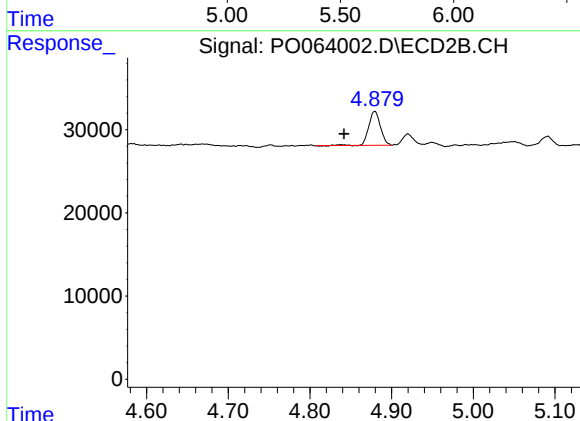
R.T.: 0.000 min  
Exp R.T. : 4.647 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

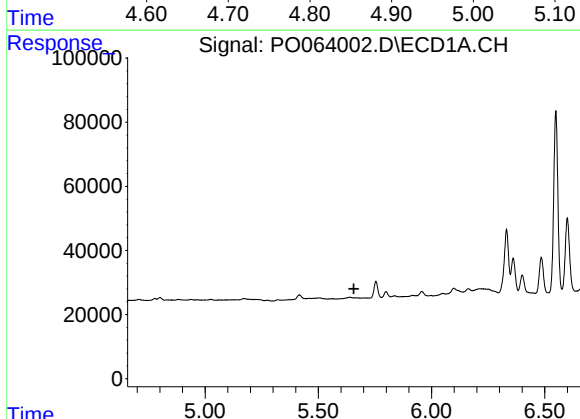
R.T.: 0.000 min  
Exp R.T.: 5.560 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
3C



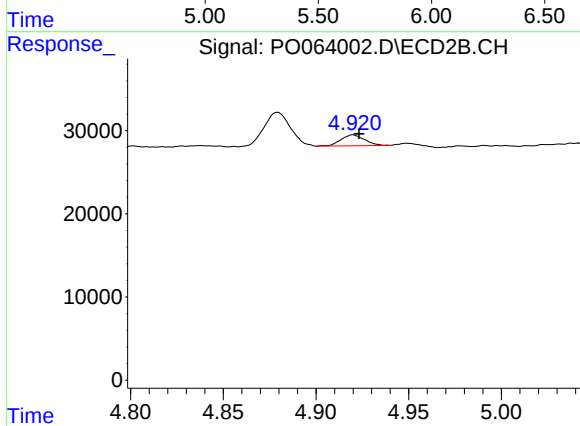
#18 AR-1242-3

R.T.: 4.879 min  
Delta R.T.: 0.038 min  
Response: 40912  
Conc: 71.41 ng/ml



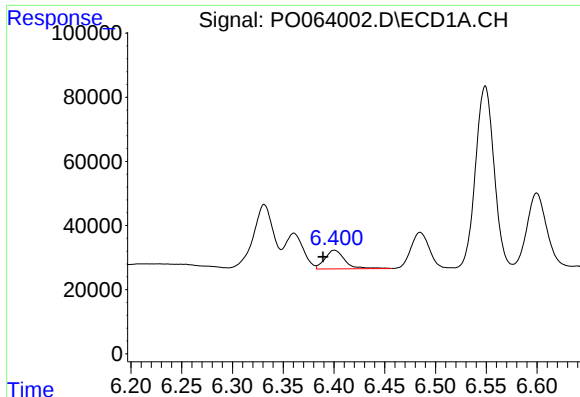
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.657 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

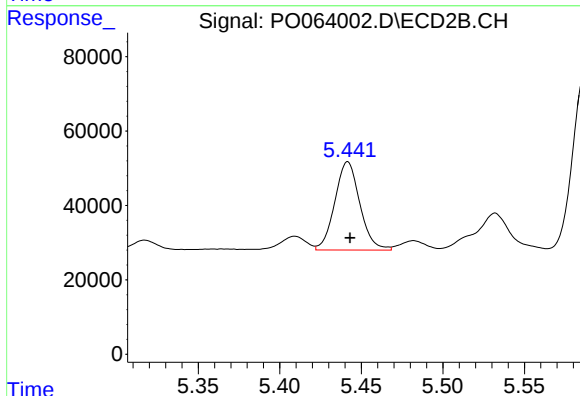
R.T.: 4.920 min  
Delta R.T.: -0.003 min  
Response: 11652  
Conc: 20.41 ng/ml



#20 AR-1242-5

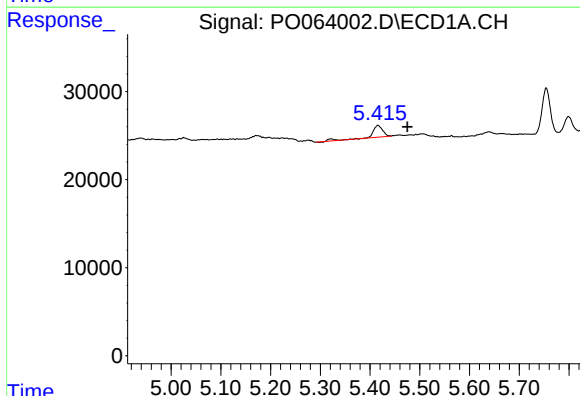
R.T.: 6.401 min  
Delta R.T.: 0.011 min  
Response: 79092  
Conc: 76.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



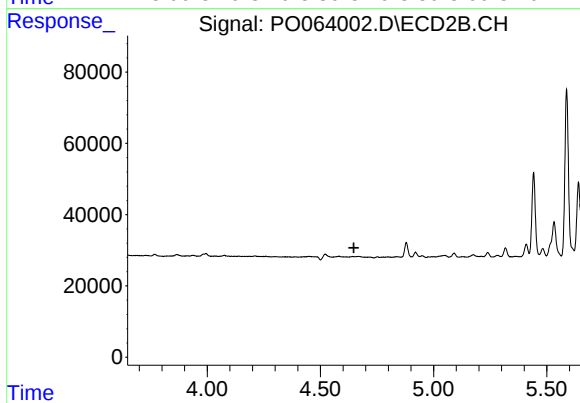
#20 AR-1242-5

R.T.: 5.442 min  
Delta R.T.: -0.001 min  
Response: 253479  
Conc: 325.66 ng/ml



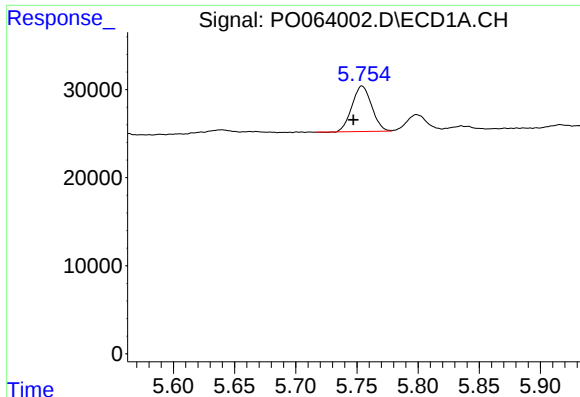
#21 AR-1248-1

R.T.: 5.416 min  
Delta R.T.: -0.059 min  
Response: 19084  
Conc: 21.85 ng/ml



#21 AR-1248-1

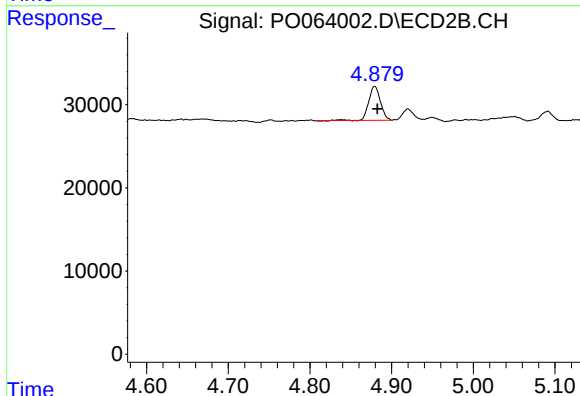
R.T.: 0.000 min  
Exp R.T.: 4.648 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

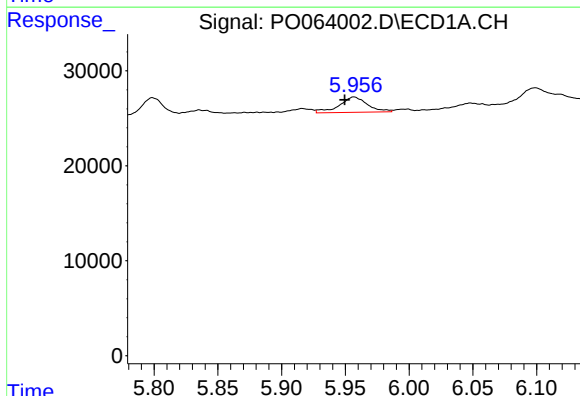
R.T.: 5.754 min  
Delta R.T.: 0.007 min  
Response: 58036  
Conc: 45.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



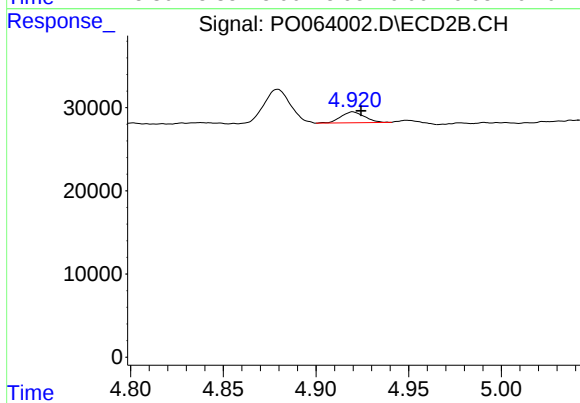
#22 AR-1248-2

R.T.: 4.879 min  
Delta R.T.: -0.003 min  
Response: 40912  
Conc: 47.47 ng/ml



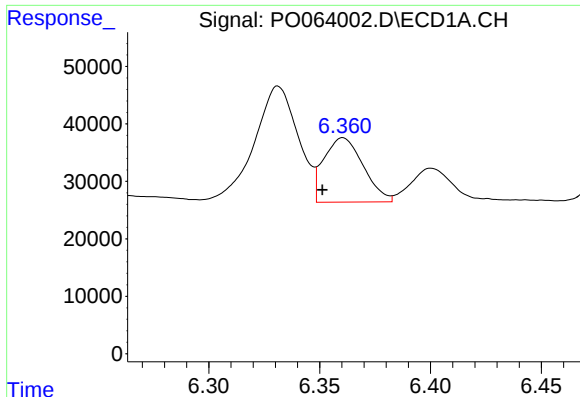
#23 AR-1248-3

R.T.: 5.957 min  
Delta R.T.: 0.007 min  
Response: 24894  
Conc: 17.45 ng/ml



#23 AR-1248-3

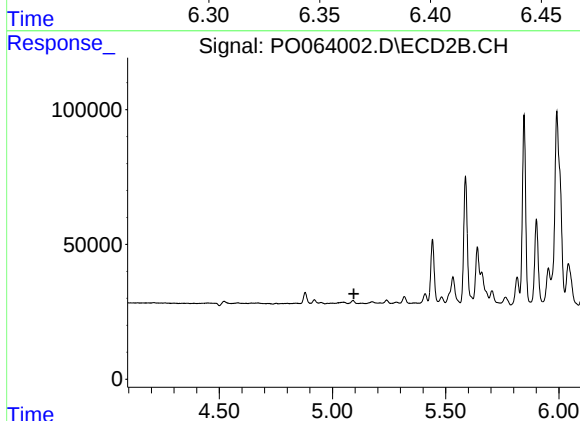
R.T.: 4.920 min  
Delta R.T.: -0.004 min  
Response: 11652  
Conc: 13.17 ng/ml



#24 AR-1248-4

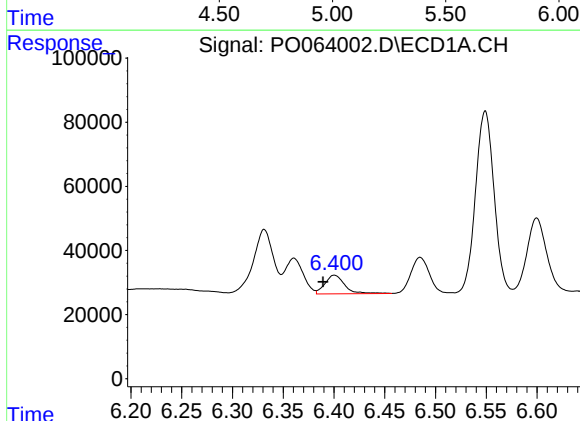
R.T.: 6.361 min  
Delta R.T.: 0.009 min  
Response: 138397  
Conc: 79.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



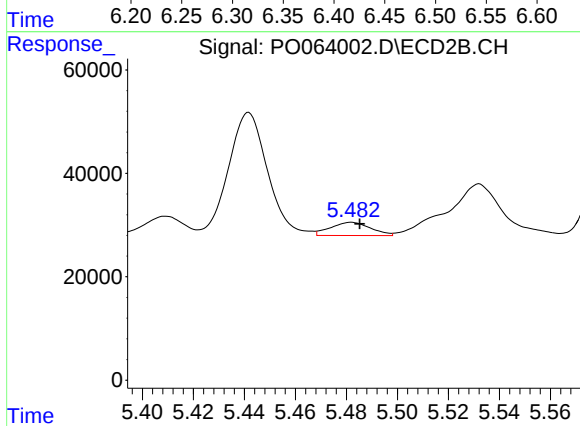
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.095 min  
Response: 0  
Conc: N.D.



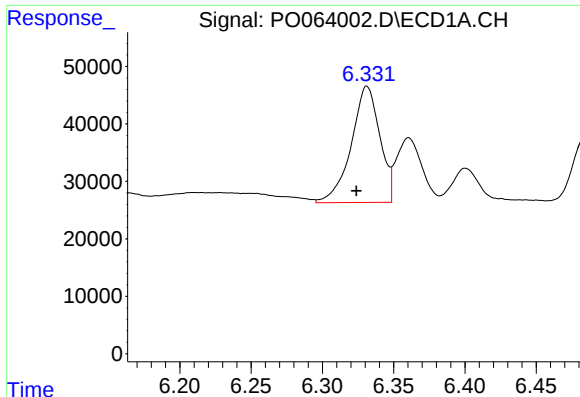
#25 AR-1248-5

R.T.: 6.401 min  
Delta R.T.: 0.011 min  
Response: 79092  
Conc: 46.89 ng/ml



#25 AR-1248-5

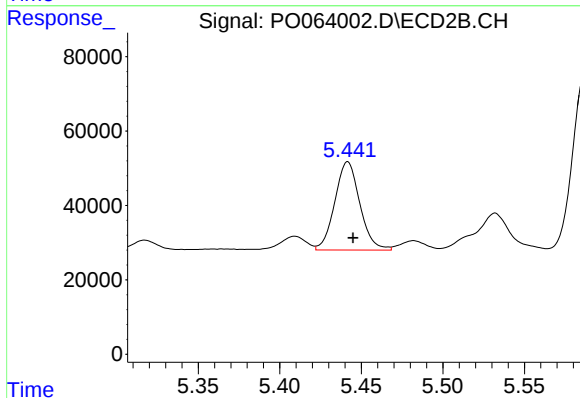
R.T.: 5.482 min  
Delta R.T.: -0.003 min  
Response: 28110  
Conc: 25.20 ng/ml



#26 AR-1254-1

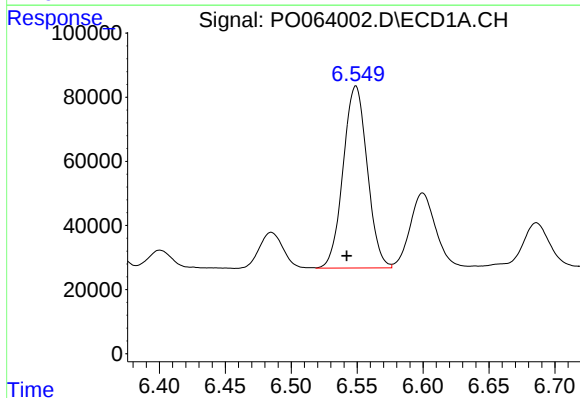
R.T.: 6.331 min  
Delta R.T.: 0.007 min  
Response: 282469  
Conc: 161.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



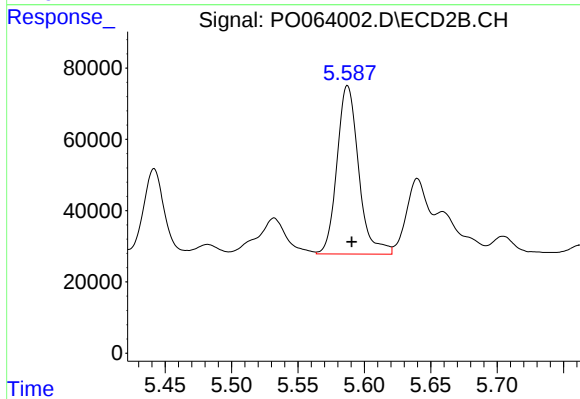
#26 AR-1254-1

R.T.: 5.442 min  
Delta R.T.: -0.003 min  
Response: 253479  
Conc: 143.06 ng/ml



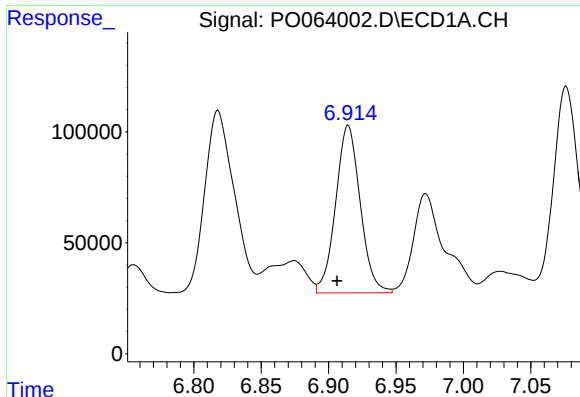
#27 AR-1254-2

R.T.: 6.549 min  
Delta R.T.: 0.007 min  
Response: 721624  
Conc: 258.86 ng/ml



#27 AR-1254-2

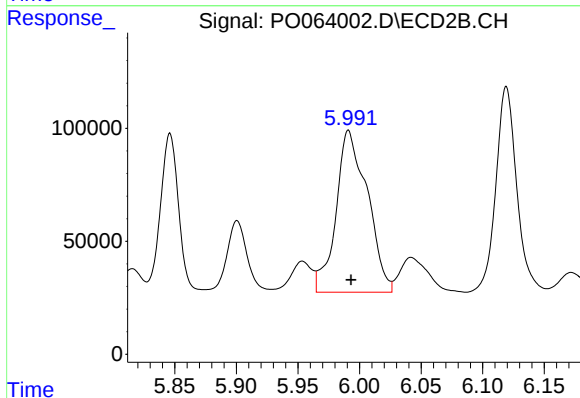
R.T.: 5.587 min  
Delta R.T.: -0.003 min  
Response: 536668  
Conc: 340.36 ng/ml



#28 AR-1254-3

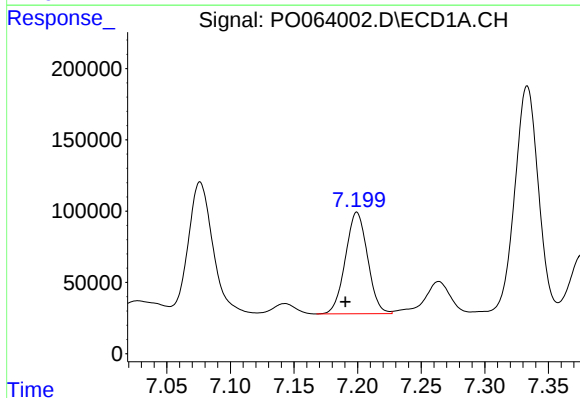
R.T.: 6.915 min  
Delta R.T.: 0.008 min  
Response: 959686  
Conc: 305.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



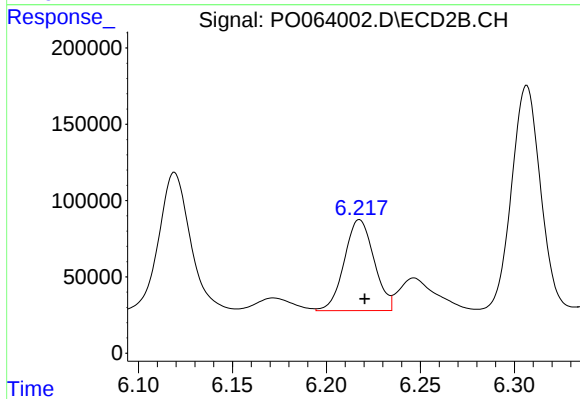
#28 AR-1254-3

R.T.: 5.991 min  
Delta R.T.: -0.002 min  
Response: 1269203  
Conc: 473.34 ng/ml



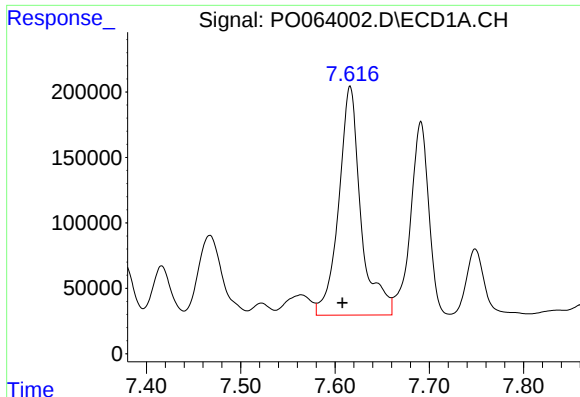
#29 AR-1254-4

R.T.: 7.200 min  
Delta R.T.: 0.009 min  
Response: 863076  
Conc: 349.05 ng/ml



#29 AR-1254-4

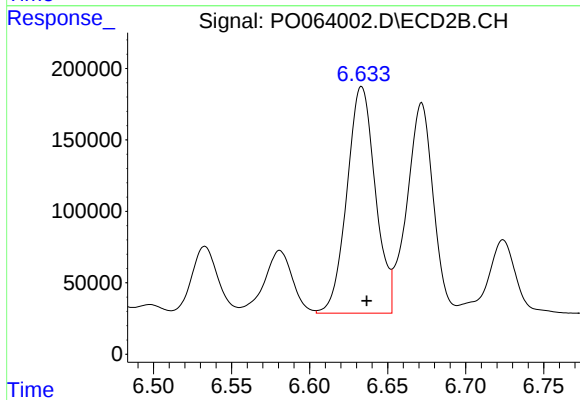
R.T.: 6.218 min  
Delta R.T.: -0.003 min  
Response: 656364  
Conc: 370.13 ng/ml



#30 AR-1254-5

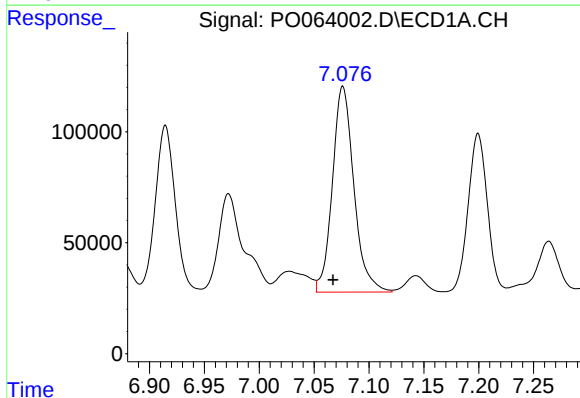
R.T.: 7.616 min  
Delta R.T.: 0.008 min  
Response: 2868291  
Conc: 1058.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



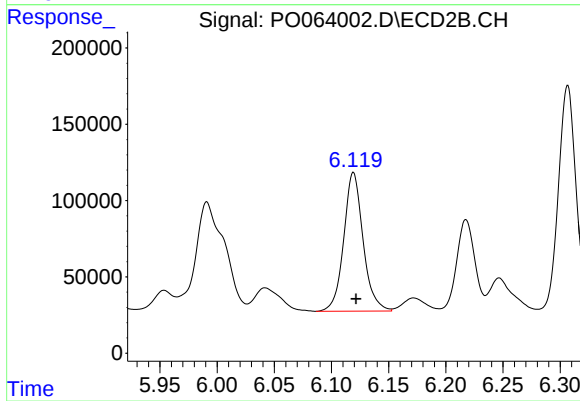
#30 AR-1254-5

R.T.: 6.633 min  
Delta R.T.: -0.003 min  
Response: 2010077  
Conc: 804.44 ng/ml



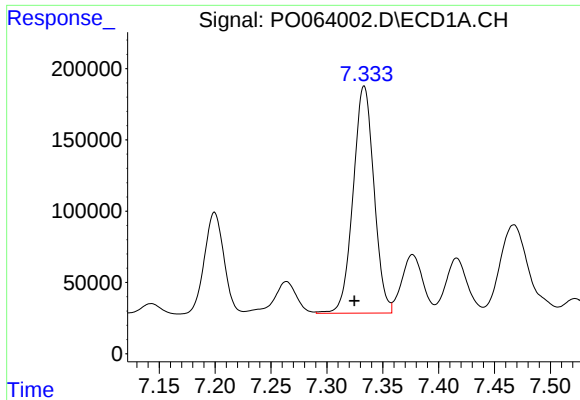
#31 AR-1260-1

R.T.: 7.076 min  
Delta R.T.: 0.009 min  
Response: 1263643  
Conc: 626.15 ng/ml



#31 AR-1260-1

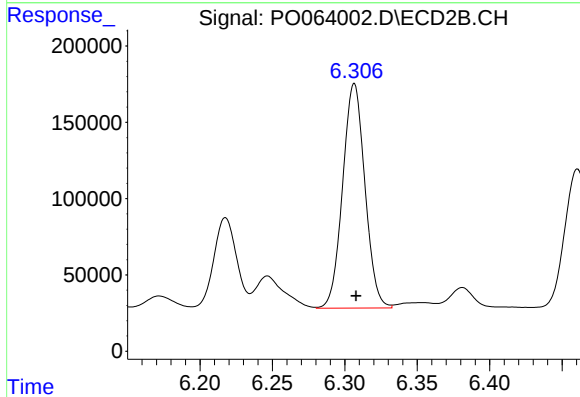
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 1071129  
Conc: 682.07 ng/ml



#32 AR-1260-2

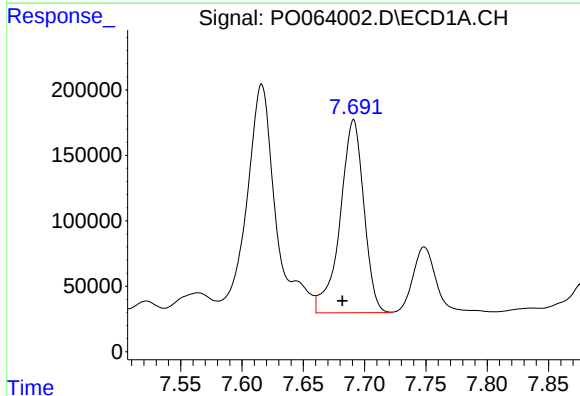
R.T.: 7.333 min  
Delta R.T.: 0.009 min  
Response: 2065892  
Conc: 820.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



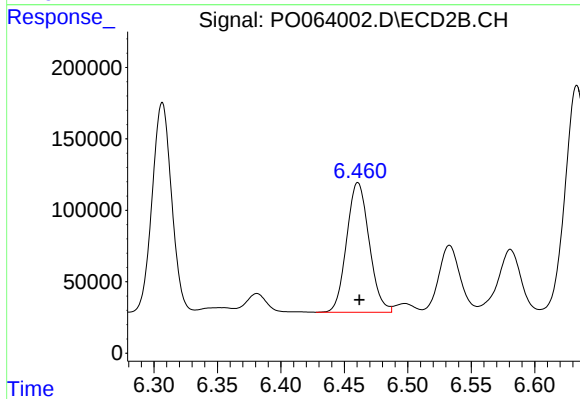
#32 AR-1260-2

R.T.: 6.307 min  
Delta R.T.: -0.001 min  
Response: 1577553  
Conc: 801.96 ng/ml



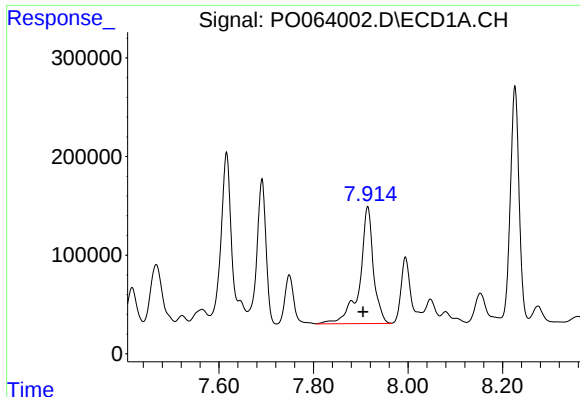
#33 AR-1260-3

R.T.: 7.691 min  
Delta R.T.: 0.009 min  
Response: 1990094  
Conc: 982.20 ng/ml



#33 AR-1260-3

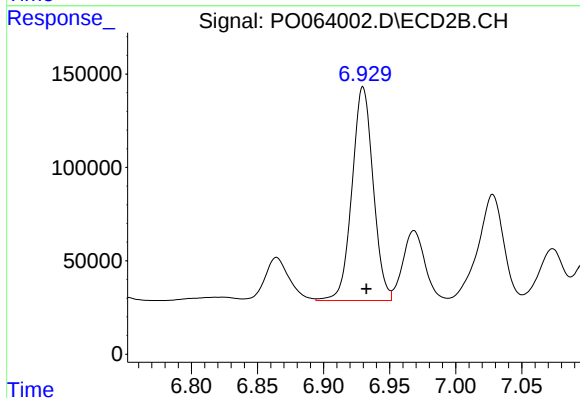
R.T.: 6.461 min  
Delta R.T.: -0.001 min  
Response: 1121014  
Conc: 628.55 ng/ml



#34 AR-1260-4

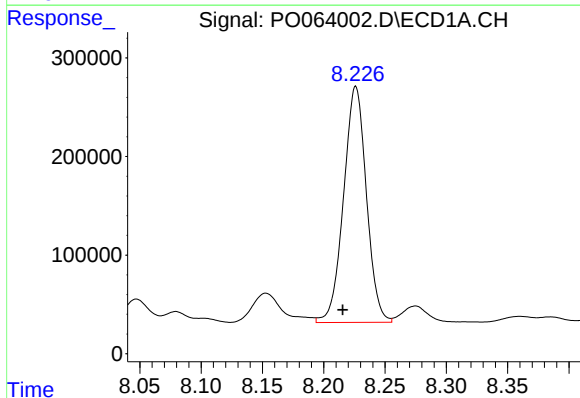
R.T.: 7.915 min  
Delta R.T.: 0.010 min  
Response: 2378568  
Conc: 998.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



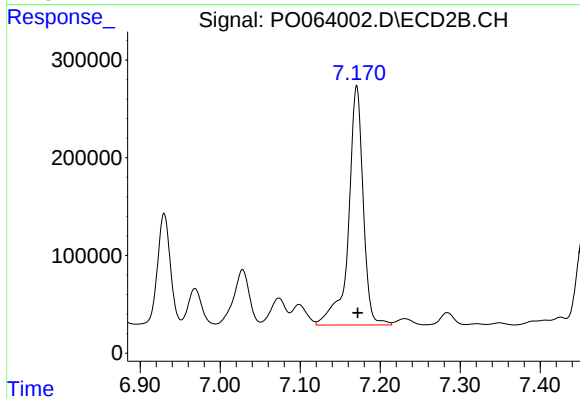
#34 AR-1260-4

R.T.: 6.930 min  
Delta R.T.: -0.002 min  
Response: 1276012  
Conc: 810.44 ng/ml



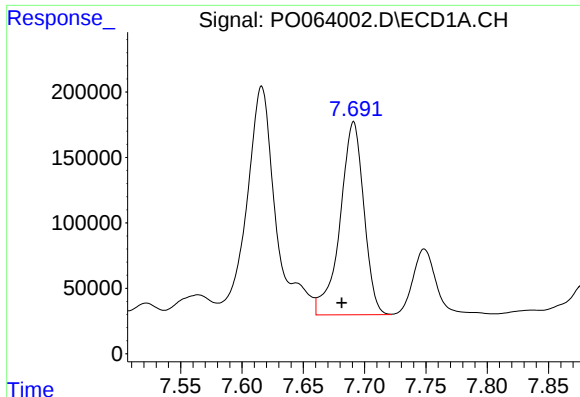
#35 AR-1260-5

R.T.: 8.226 min  
Delta R.T.: 0.011 min  
Response: 3104010  
Conc: 661.23 ng/ml



#35 AR-1260-5

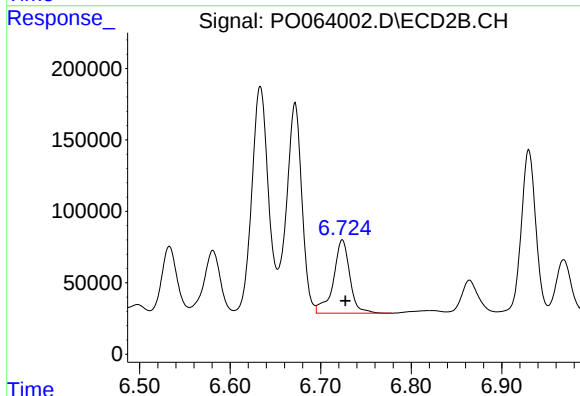
R.T.: 7.171 min  
Delta R.T.: -0.002 min  
Response: 3128936  
Conc: 807.06 ng/ml



#36 AR-1262-1

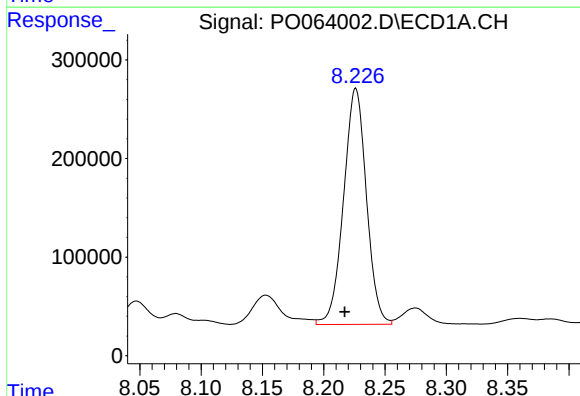
R.T.: 7.691 min  
Delta R.T.: 0.009 min  
Response: 1990094  
Conc: 618.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



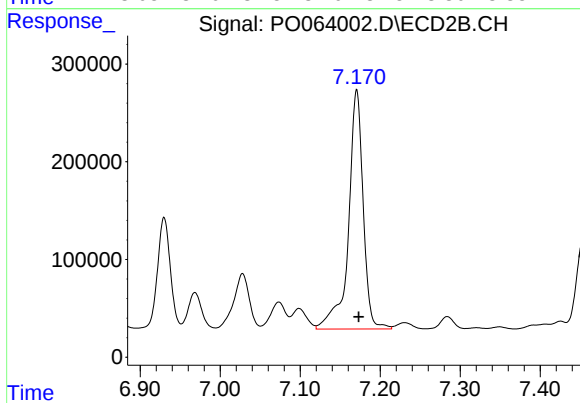
#36 AR-1262-1

R.T.: 6.724 min  
Delta R.T.: -0.003 min  
Response: 649131  
Conc: 620.87 ng/ml



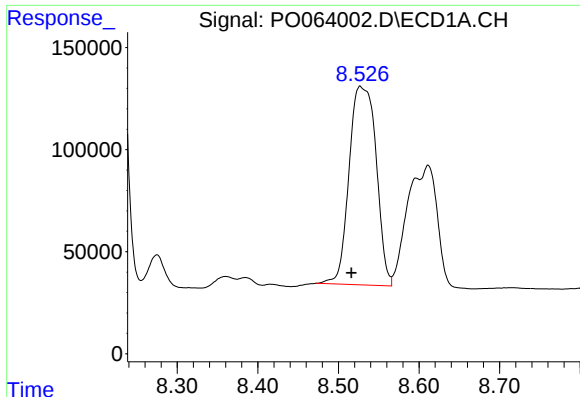
#37 AR-1262-2

R.T.: 8.226 min  
Delta R.T.: 0.009 min  
Response: 3104010  
Conc: 526.88 ng/ml



#37 AR-1262-2

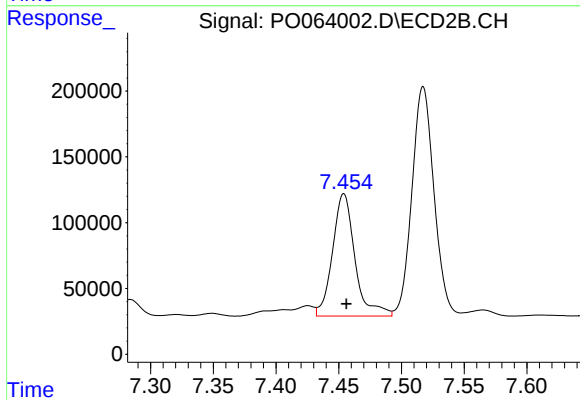
R.T.: 7.171 min  
Delta R.T.: -0.003 min  
Response: 3128936  
Conc: 659.67 ng/ml



#38 AR-1262-3

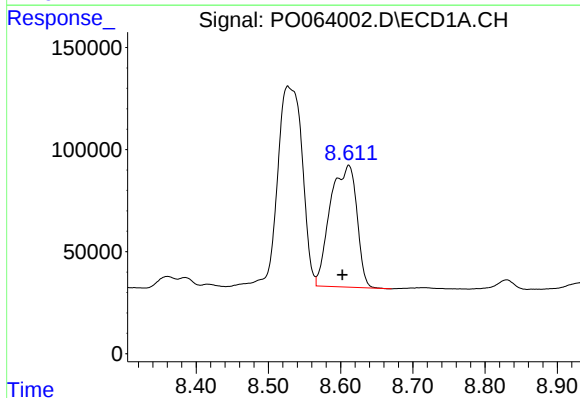
R.T.: 8.528 min  
Delta R.T.: 0.012 min  
Response: 2268371  
Conc: 553.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



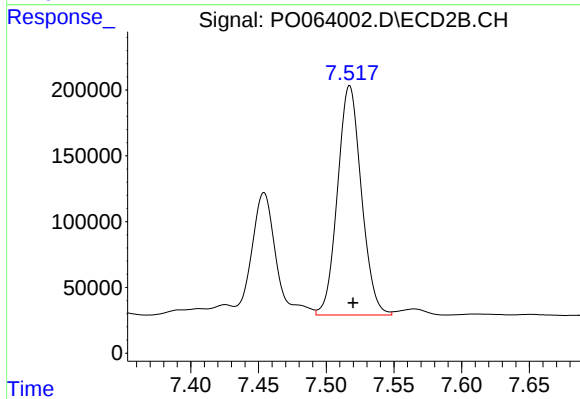
#38 AR-1262-3

R.T.: 7.454 min  
Delta R.T.: -0.002 min  
Response: 1156550  
Conc: 617.08 ng/ml



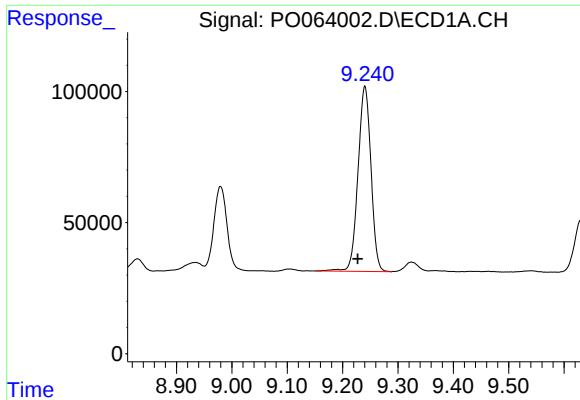
#39 AR-1262-4

R.T.: 8.611 min  
Delta R.T.: 0.009 min  
Response: 1523562  
Conc: 487.17 ng/ml



#39 AR-1262-4

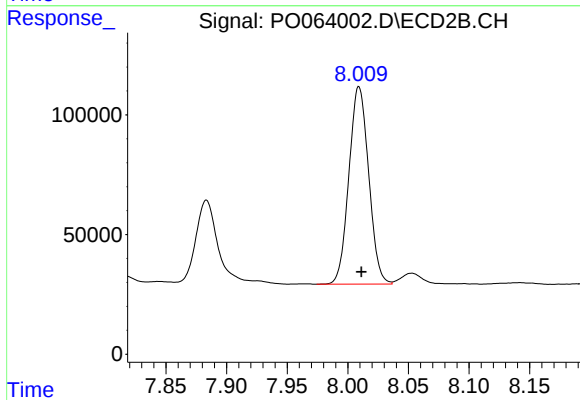
R.T.: 7.517 min  
Delta R.T.: -0.002 min  
Response: 2138644  
Conc: 605.77 ng/ml



#40 AR-1262-5

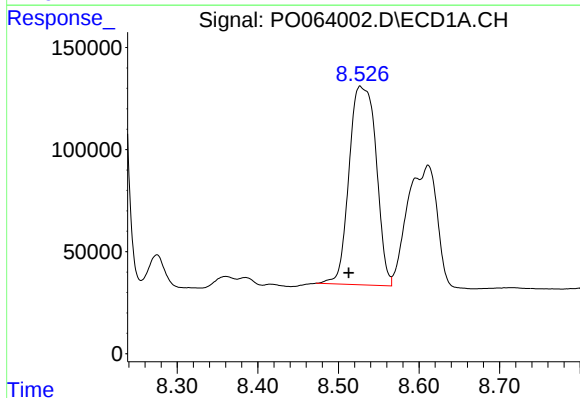
R.T.: 9.240 min  
Delta R.T.: 0.013 min  
Response: 1148687  
Conc: 527.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



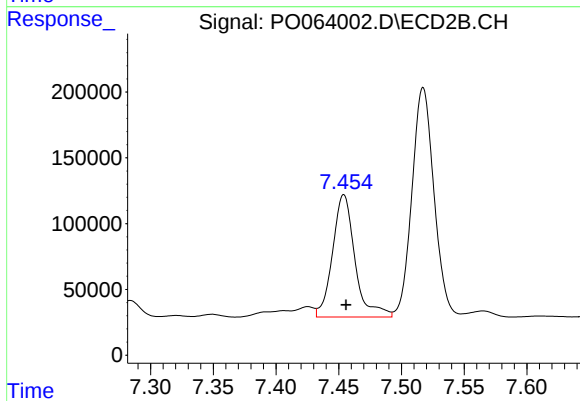
#40 AR-1262-5

R.T.: 8.009 min  
Delta R.T.: -0.002 min  
Response: 935660  
Conc: 612.81 ng/ml



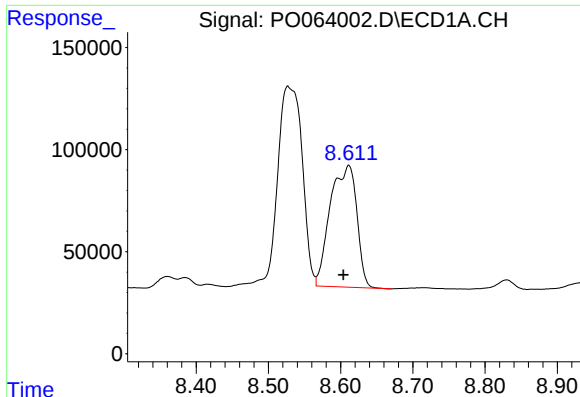
#41 AR-1268-1

R.T.: 8.528 min  
Delta R.T.: 0.015 min  
Response: 2268371  
Conc: 335.57 ng/ml



#41 AR-1268-1

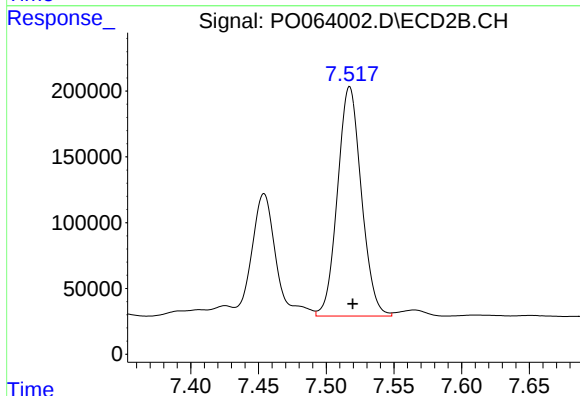
R.T.: 7.454 min  
Delta R.T.: -0.002 min  
Response: 1156550  
Conc: 216.64 ng/ml



#42 AR-1268-2

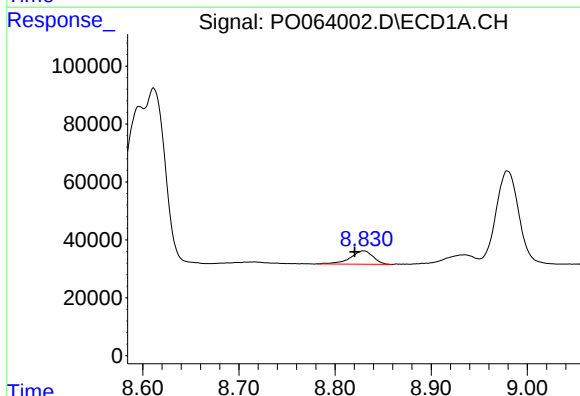
R.T.: 8.611 min  
Delta R.T.: 0.007 min  
Response: 1523562  
Conc: 242.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



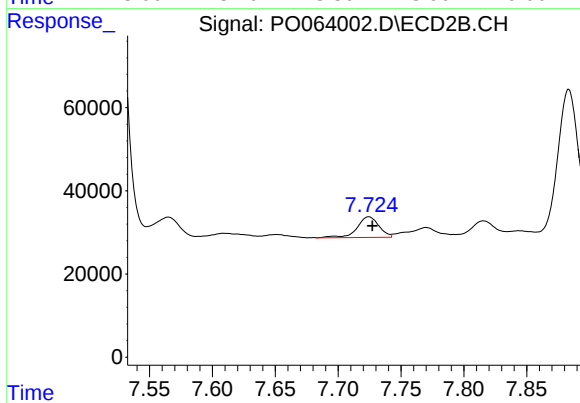
#42 AR-1268-2

R.T.: 7.517 min  
Delta R.T.: -0.002 min  
Response: 2138644  
Conc: 429.15 ng/ml



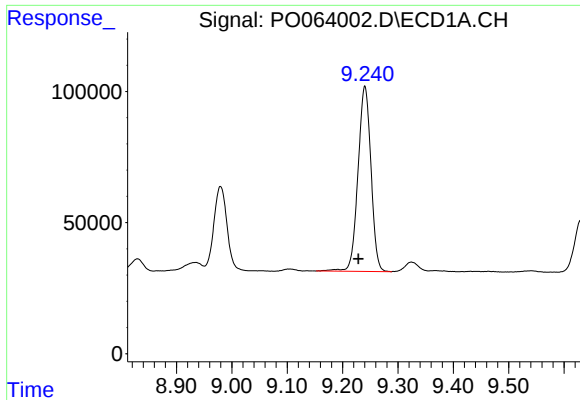
#43 AR-1268-3

R.T.: 8.830 min  
Delta R.T.: 0.009 min  
Response: 76052  
Conc: 14.65 ng/ml



#43 AR-1268-3

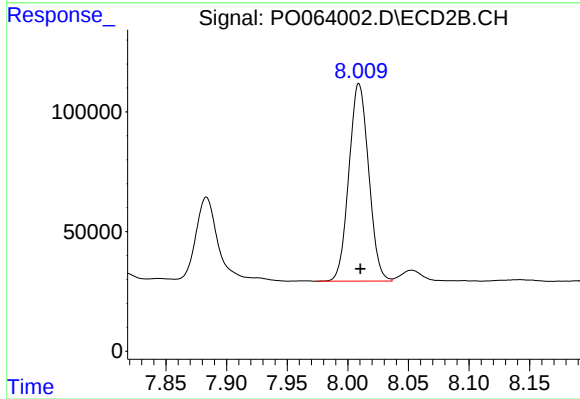
R.T.: 7.724 min  
Delta R.T.: -0.003 min  
Response: 60287  
Conc: 15.19 ng/ml



#44 AR-1268-4

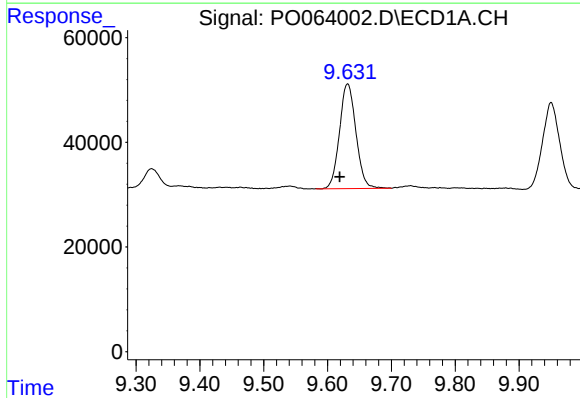
R.T.: 9.240 min  
Delta R.T.: 0.012 min  
Response: 1148687  
Conc: 472.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3C



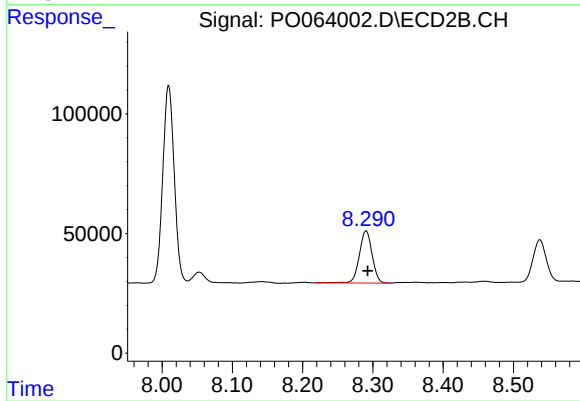
#44 AR-1268-4

R.T.: 8.009 min  
Delta R.T.: -0.001 min  
Response: 935660  
Conc: 552.35 ng/ml



#45 AR-1268-5

R.T.: 9.631 min  
Delta R.T.: 0.012 min  
Response: 358353  
Conc: 23.30 ng/ml



#45 AR-1268-5

R.T.: 8.290 min  
Delta R.T.: -0.002 min  
Response: 274756  
Conc: 23.23 ng/ml