

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101819\  
 Data File : P0062213.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Oct 2019 9:57  
 Operator : HP/AJ  
 Sample : K5428-05  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 00:53:48 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 12 06:25:38 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 | 3.482 | 1296431  | 901196   | 20.962   | 21.016     |
| 2)                          | SA Decachlor... | 9.948 | 8.331 | 791751   | 413712   | 14.150   | 14.100     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.754 | 0        | 733257   | N.D.     | 593.221 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.754 | 0        | 733257   | N.D.     | 746.167 #  |
| 7)                          | L1 AR-1016-5    | 5.955 | 4.959 | 350902   | 264592   | 197.323  | 205.180    |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.884 | 0        | 168497   | N.D.     | 143.183 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.884 | 0        | 168497   | N.D.     | 108.741 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.754 | 0        | 733257   | N.D.     | 802.223 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.792 | 0        | 140197   | N.D.     | 172.334 #  |
| 15)                         | L3 AR-1232-5    | 5.752 | 4.959 | 1073382  | 264592   | 1084.528 | 299.595 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.754 | 0        | 733257   | N.D.     | 770.202 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.792 | 0        | 140197   | N.D.     | 148.509 #  |
| 20)                         | L4 AR-1242-5    | 6.399 | 5.300 | 1157154  | 3334918  | 757.083  | 2794.762 # |
| 22)                         | L5 AR-1248-2    | 5.752 | 4.754 | 1073382  | 733257   | 536.115  | 578.781    |
| 23)                         | L5 AR-1248-3    | 5.955 | 4.792 | 350902   | 140197   | 158.881  | 105.614 #  |
| 24)                         | L5 AR-1248-4    | 6.357 | 4.959 | 815621   | 264592   | 319.267  | 167.212 #  |
| 25)                         | L5 AR-1248-5    | 6.399 | 5.339 | 1157154  | 203295   | 473.246  | 132.096 #  |
| 26)                         | L6 AR-1254-1    | 6.330 | 5.300 | 4913972  | 3334918  | 1843.462 | 1363.531 # |
| 27)                         | L6 AR-1254-2    | 6.546 | 5.445 | 10225298 | 5159758  | 2501.002 | 2436.301   |
| 28)                         | L6 AR-1254-3    | 6.911 | 5.837 | 16052165 | 10070285 | 3836.478 | 3090.791   |
| 29)                         | L6 AR-1254-4    | 7.196 | 6.062 | 10478244 | 5624812  | 3477.300 | 2912.263   |
| 30)                         | L6 AR-1254-5    | 7.613 | 6.471 | 19673853 | 16237223 | 6277.760 | 6147.675   |
| 31)                         | L7 AR-1260-1    | 7.073 | 5.965 | 6794770  | 4759443  | 2386.537 | 2240.017   |
| 32)                         | L7 AR-1260-2    | 7.328 | 6.150 | 12086632 | 5425045  | 3523.231 | 2137.843 # |
| 33)                         | L7 AR-1260-3    | 7.675 | 6.297 | 2340705  | 4116414  | 884.581  | 1822.951 # |
| 34)                         | L7 AR-1260-4    | 7.902 | 6.760 | 6110196  | 879990   | 2184.517 | 501.176 #  |
| 35)                         | L7 AR-1260-5    | 8.223 | 7.001 | 2782158  | 1774224  | 531.392  | 492.506    |
| 36)                         | L8 AR-1262-1    | 7.675 | 6.560 | 2340705  | 726397   | 570.225  | 609.514    |
| 37)                         | L8 AR-1262-2    | 8.223 | 7.001 | 2782158  | 1774224  | 431.473  | 422.253    |
| 38)                         | L8 AR-1262-3    | 8.539 | 7.279 | 2299879  | -17844   | 523.012  | N.D. #     |
| 39)                         | L8 AR-1262-4    | 8.587 | 7.340 | 804322   | 1597579  | 232.802  | 522.577 #  |
| 40)                         | L8 AR-1262-5    | 9.237 | 7.832 | 677323   | 376400   | 299.875  | 288.204    |
| 41)                         | L9 AR-1268-1    | 8.539 | 7.279 | 2299879  | -17844   | 303.816  | N.D. #     |
| 42)                         | L9 AR-1268-2    | 8.587 | 7.340 | 804322   | 1597579  | 114.497  | 382.401 #  |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.595 | 0        | 61349    | N.D.     | 17.607 #   |
| 44)                         | L9 AR-1268-4    | 9.237 | 7.832 | 677323   | 376400   | 285.069  | 264.165    |
| 45)                         | L9 AR-1268-5    | 9.630 | 8.100 | 254093   | 114747   | 14.098   | 12.395     |
| -----                       |                 |       |       |          |          |          |            |

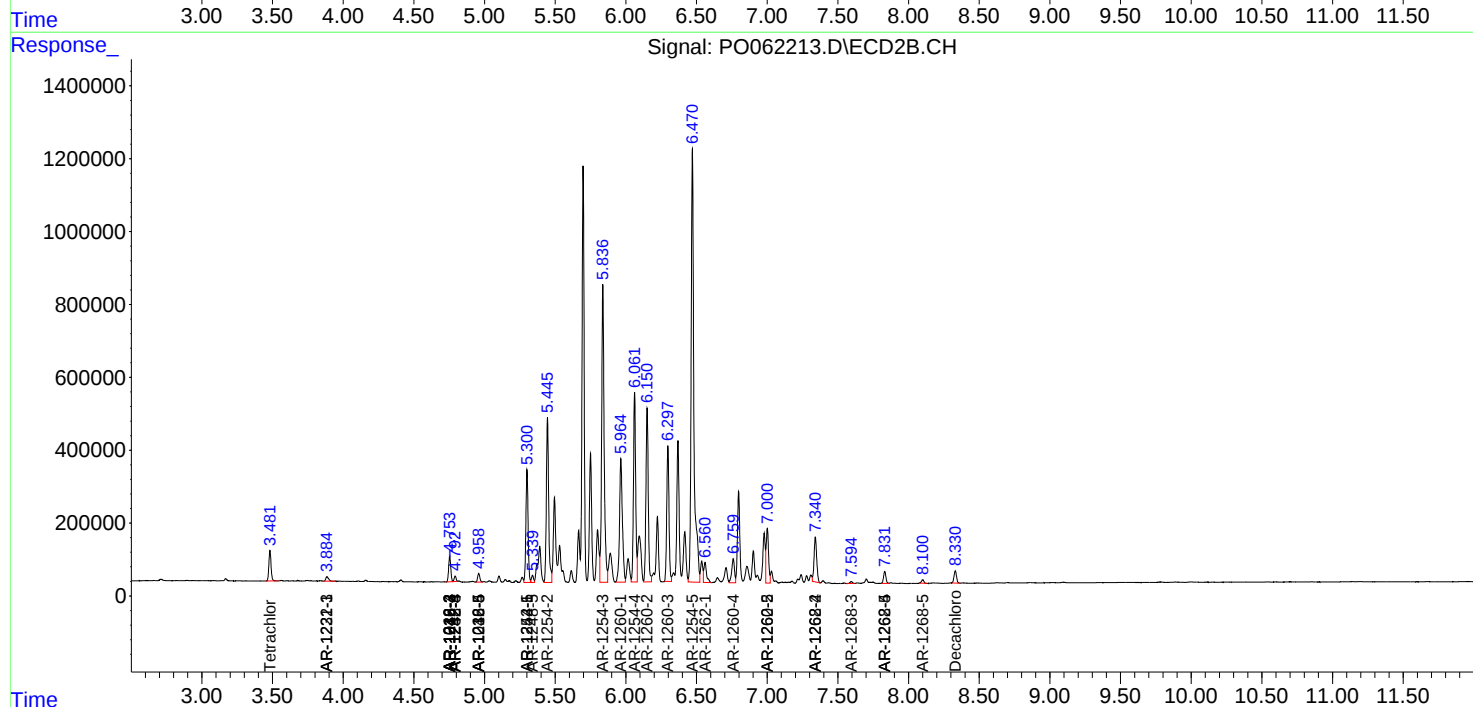
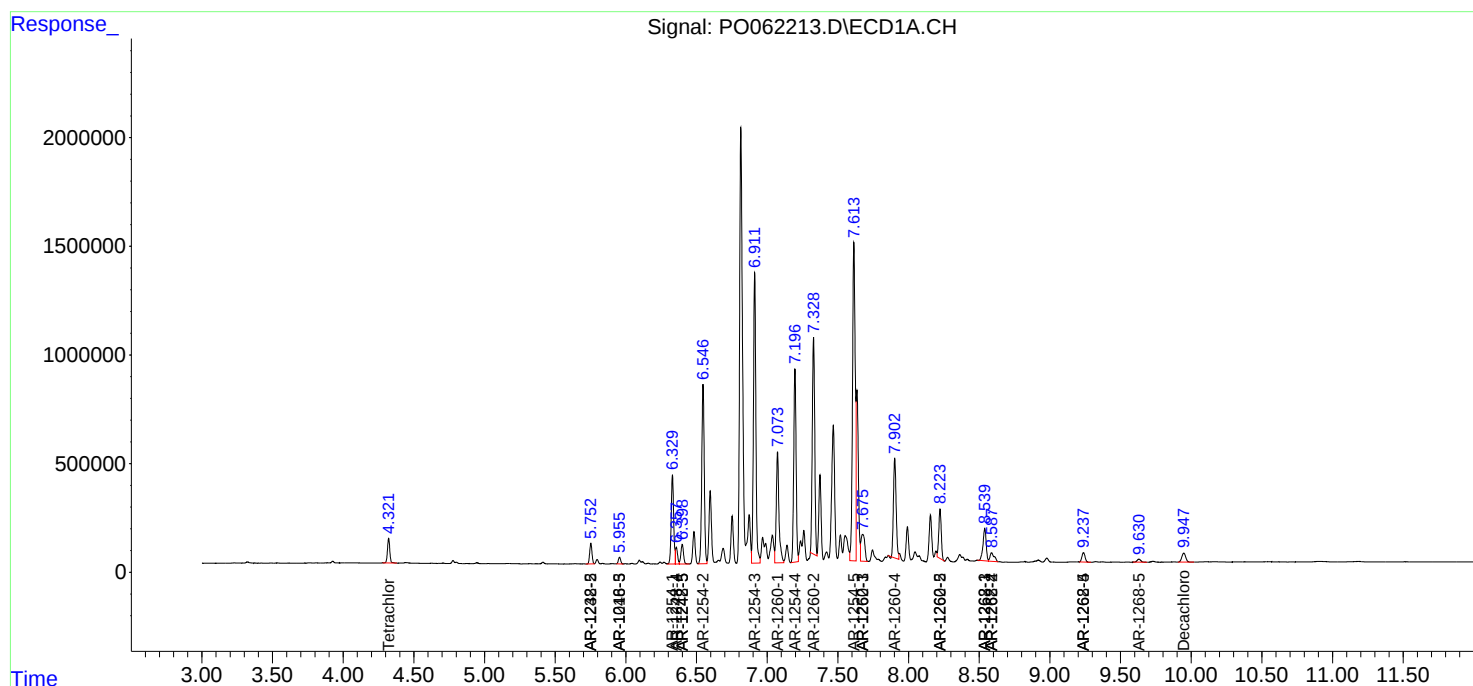
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

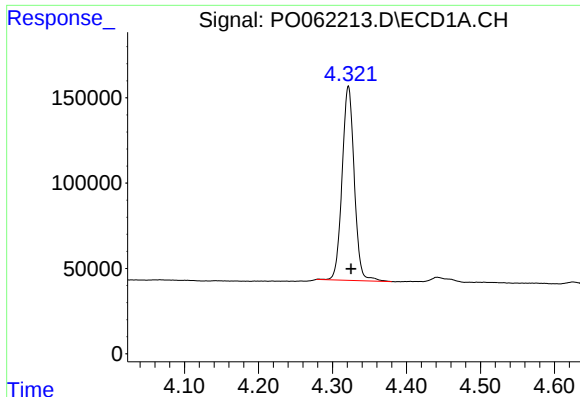
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101819\  
Data File : P0062213.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Oct 2019 9:57  
Operator : HP/AJ  
Sample : K5428-05  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 00:53:48 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 12 06:25:38 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

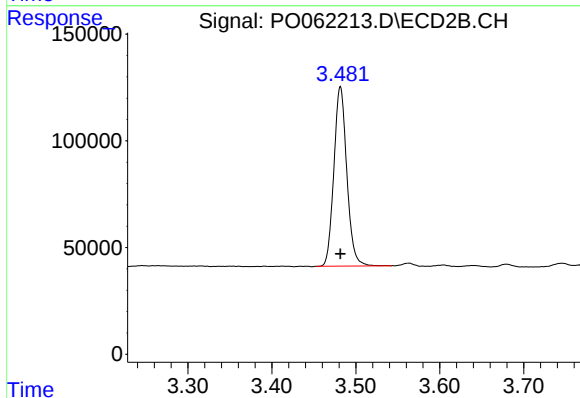




#1 Tetrachloro-m-xylene

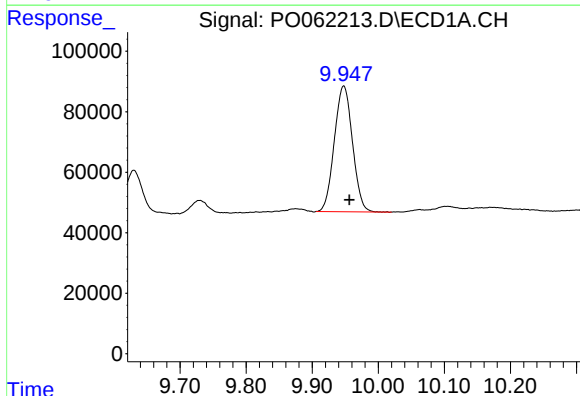
R.T.: 4.322 min  
Delta R.T.: -0.003 min  
Response: 1296431  
Conc: 20.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



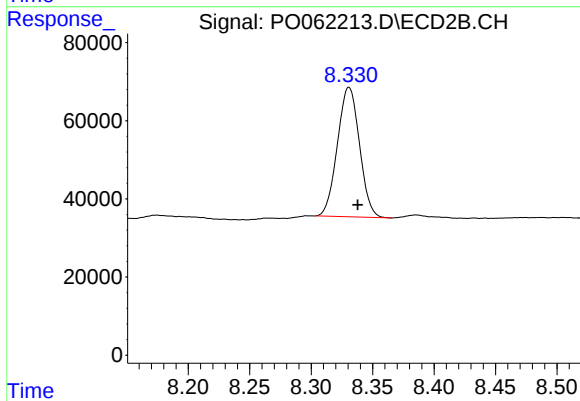
#1 Tetrachloro-m-xylene

R.T.: 3.482 min  
Delta R.T.: 0.000 min  
Response: 901196  
Conc: 21.02 ng/ml



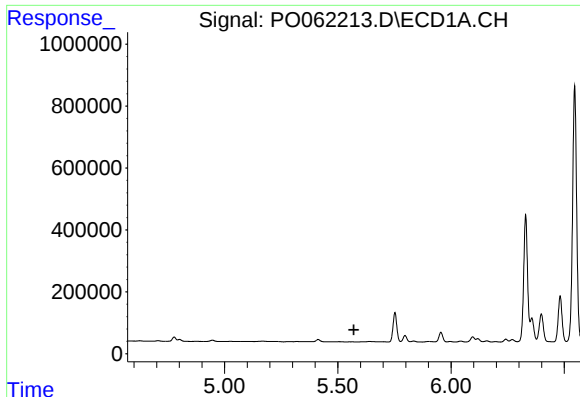
#2 Decachlorobiphenyl

R.T.: 9.948 min  
Delta R.T.: -0.009 min  
Response: 791751  
Conc: 14.15 ng/ml



#2 Decachlorobiphenyl

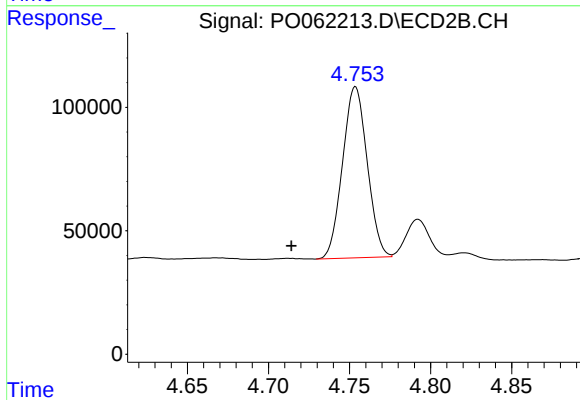
R.T.: 8.331 min  
Delta R.T.: -0.007 min  
Response: 413712  
Conc: 14.10 ng/ml



#5 AR-1016-3

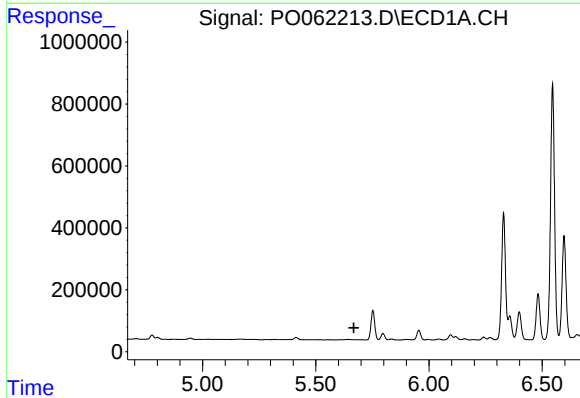
R.T.: 0.000 min  
Exp R.T.: 5.571 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



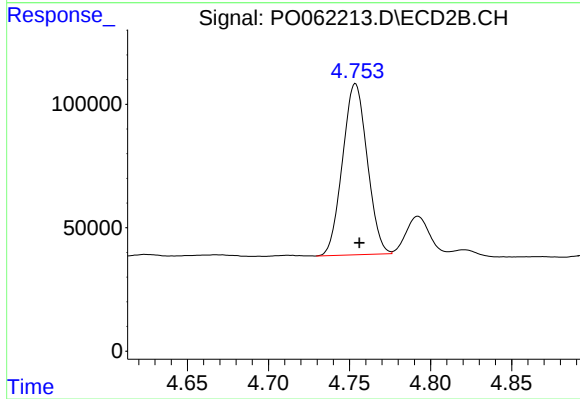
#5 AR-1016-3

R.T.: 4.754 min  
Delta R.T.: 0.039 min  
Response: 733257  
Conc: 593.22 ng/ml



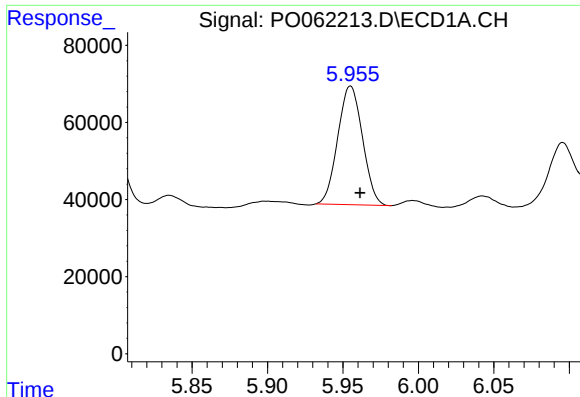
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.668 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

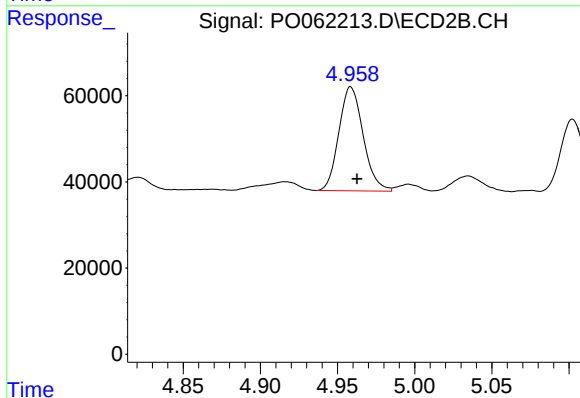
R.T.: 4.754 min  
Delta R.T.: -0.002 min  
Response: 733257  
Conc: 746.17 ng/ml



#7 AR-1016-5

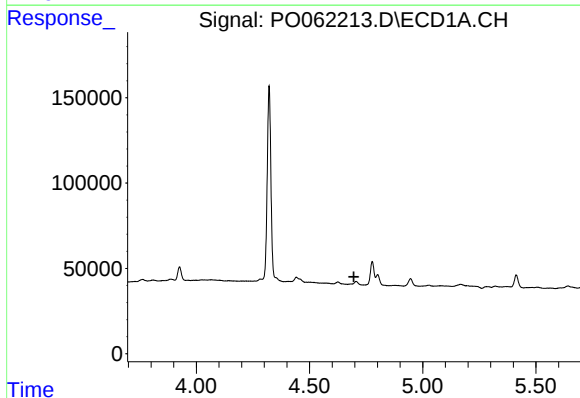
R.T.: 5.955 min  
Delta R.T.: -0.006 min  
Response: 350902  
Conc: 197.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



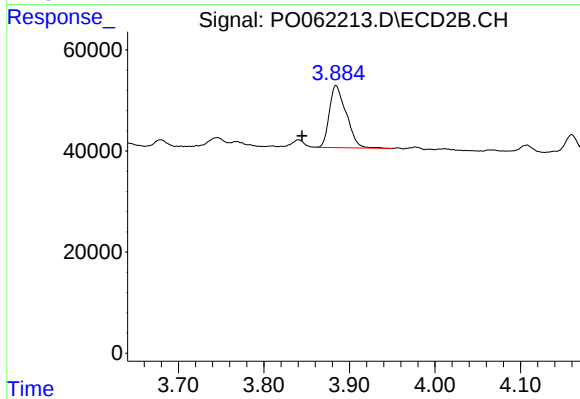
#7 AR-1016-5

R.T.: 4.959 min  
Delta R.T.: -0.004 min  
Response: 264592  
Conc: 205.18 ng/ml



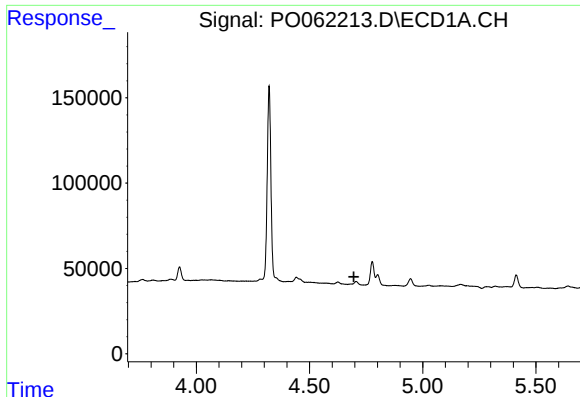
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.696 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

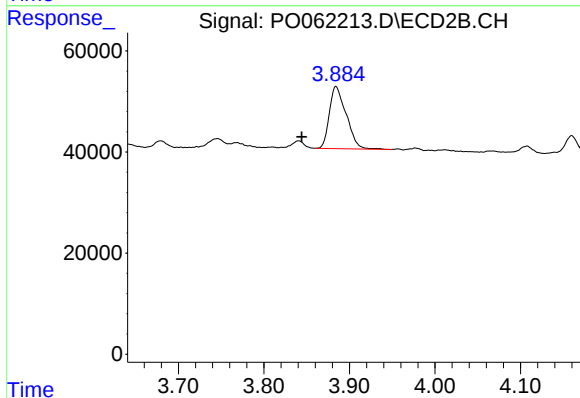
R.T.: 3.884 min  
Delta R.T.: 0.040 min  
Response: 168497  
Conc: 143.18 ng/ml



#11 AR-1232-1

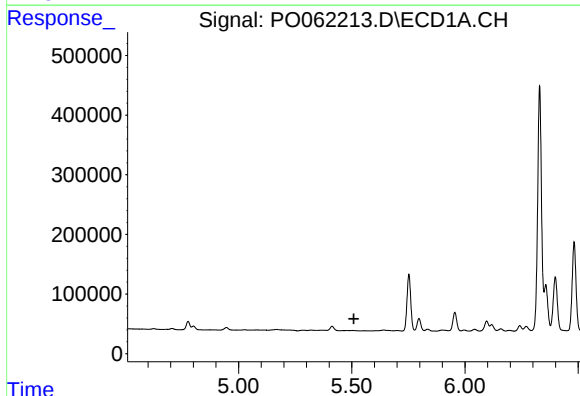
R.T.: 0.000 min  
Exp R.T. : 4.696 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



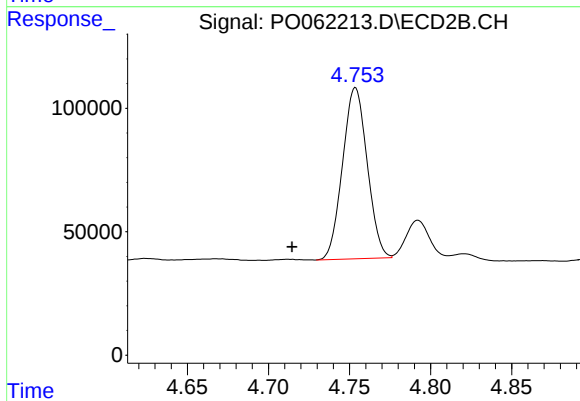
#11 AR-1232-1

R.T.: 3.884 min  
Delta R.T.: 0.040 min  
Response: 168497  
Conc: 108.74 ng/ml



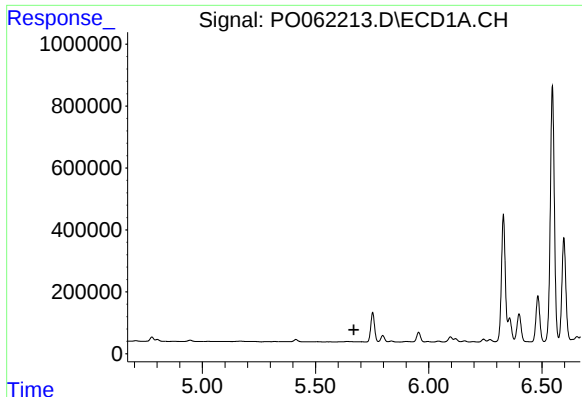
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.509 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

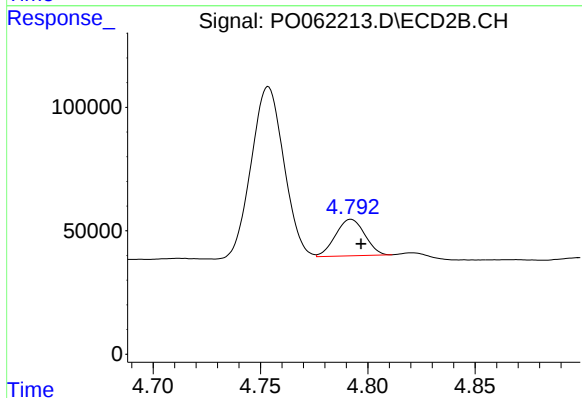
R.T.: 4.754 min  
Delta R.T.: 0.039 min  
Response: 733257  
Conc: 802.22 ng/ml



#14 AR-1232-4

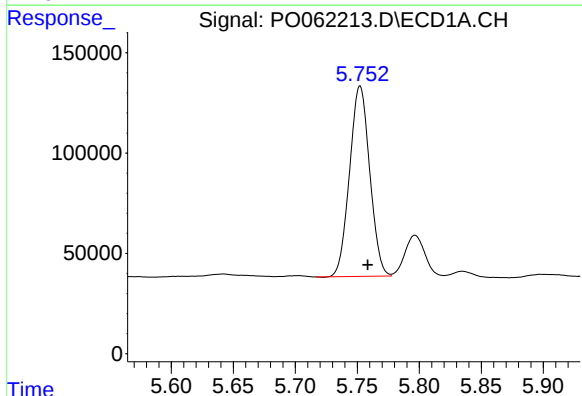
R.T.: 0.000 min  
Exp R.T.: 5.669 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



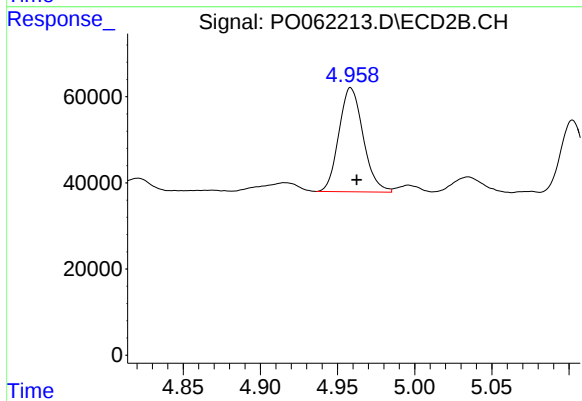
#14 AR-1232-4

R.T.: 4.792 min  
Delta R.T.: -0.005 min  
Response: 140197  
Conc: 172.33 ng/ml



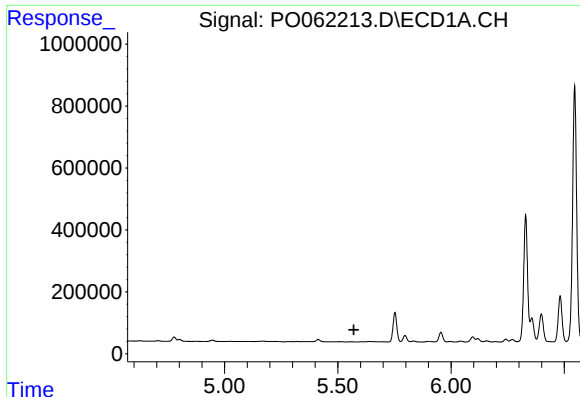
#15 AR-1232-5

R.T.: 5.752 min  
Delta R.T.: -0.006 min  
Response: 1073382  
Conc: 1084.53 ng/ml



#15 AR-1232-5

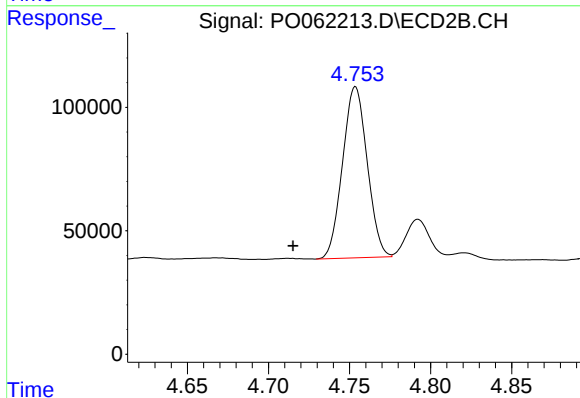
R.T.: 4.959 min  
Delta R.T.: -0.004 min  
Response: 264592  
Conc: 299.60 ng/ml



#18 AR-1242-3

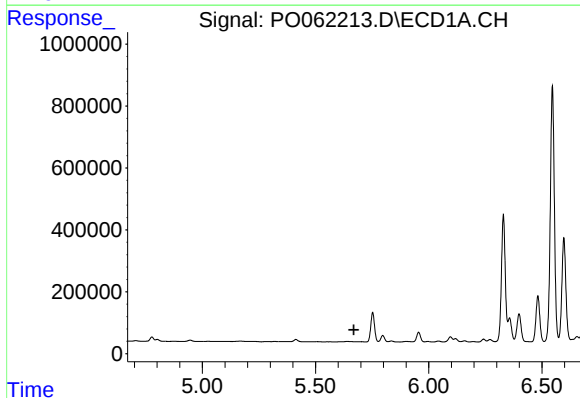
R.T.: 0.000 min  
Exp R.T.: 5.571 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



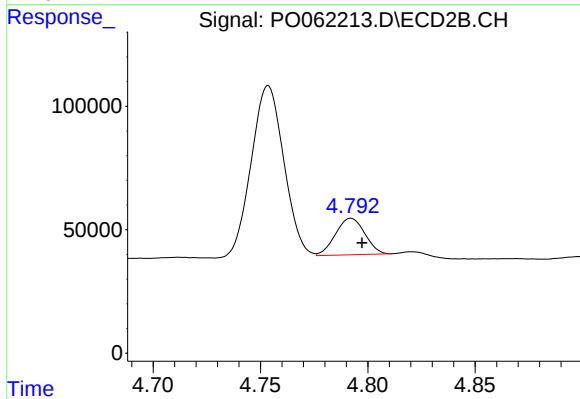
#18 AR-1242-3

R.T.: 4.754 min  
Delta R.T.: 0.039 min  
Response: 733257  
Conc: 770.20 ng/ml



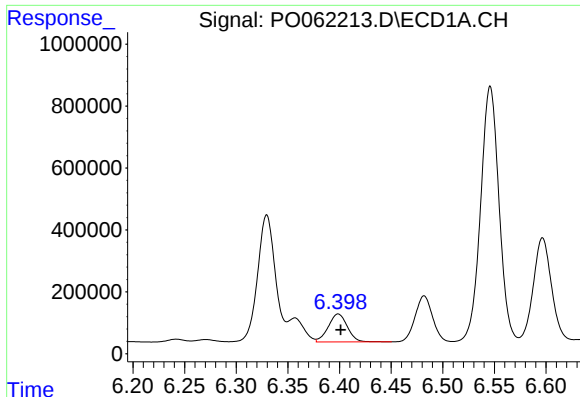
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.669 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

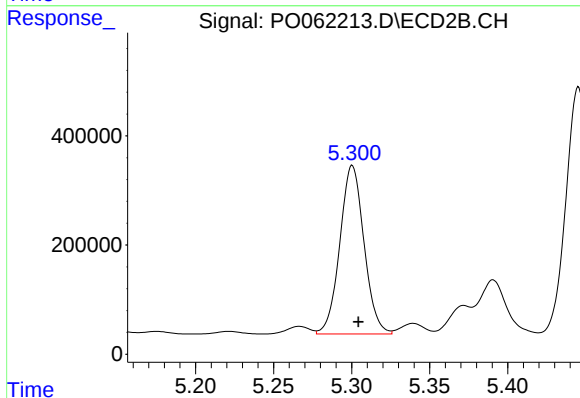
R.T.: 4.792 min  
Delta R.T.: -0.005 min  
Response: 140197  
Conc: 148.51 ng/ml



#20 AR-1242-5

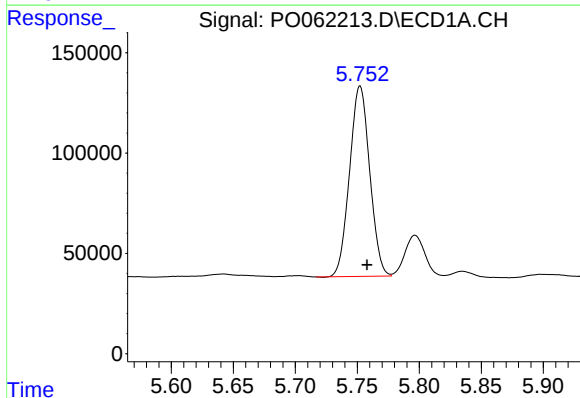
R.T.: 6.399 min  
Delta R.T.: -0.002 min  
Response: 1157154  
Conc: 757.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



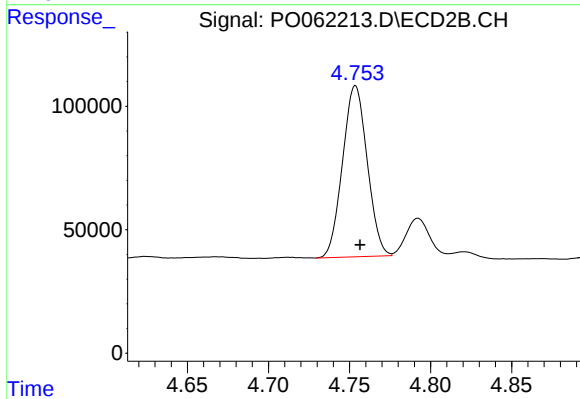
#20 AR-1242-5

R.T.: 5.300 min  
Delta R.T.: -0.004 min  
Response: 3334918  
Conc: 2794.76 ng/ml



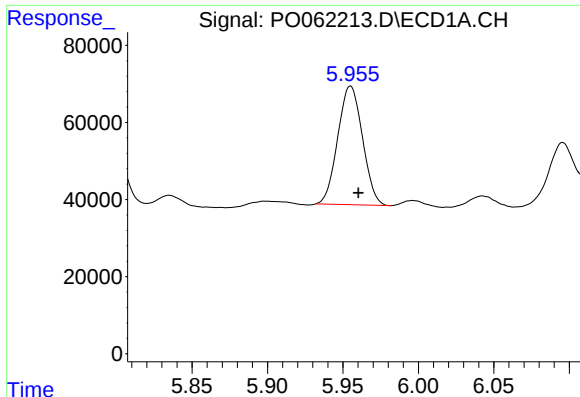
#22 AR-1248-2

R.T.: 5.752 min  
Delta R.T.: -0.006 min  
Response: 1073382  
Conc: 536.12 ng/ml



#22 AR-1248-2

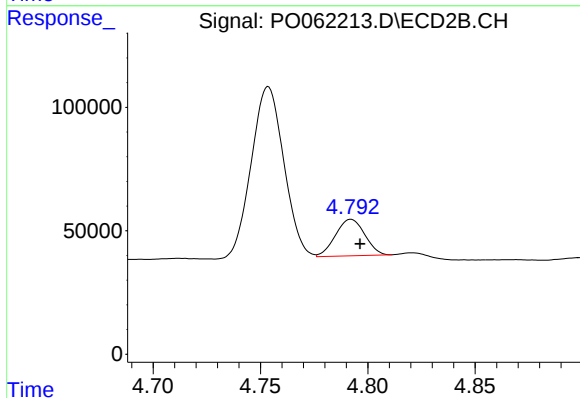
R.T.: 4.754 min  
Delta R.T.: -0.003 min  
Response: 733257  
Conc: 578.78 ng/ml



#23 AR-1248-3

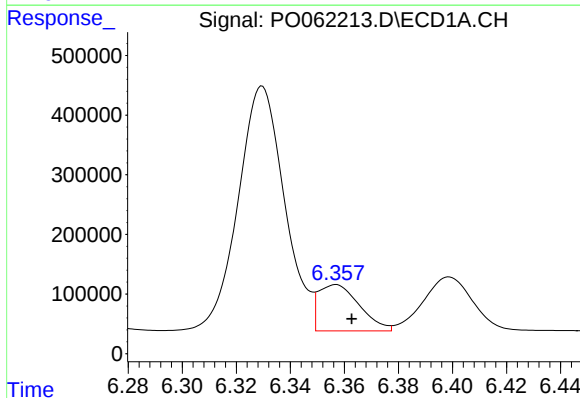
R.T.: 5.955 min  
Delta R.T.: -0.005 min  
Response: 350902  
Conc: 158.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



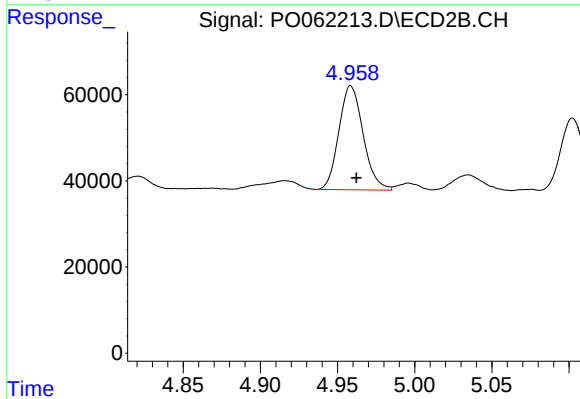
#23 AR-1248-3

R.T.: 4.792 min  
Delta R.T.: -0.004 min  
Response: 140197  
Conc: 105.61 ng/ml



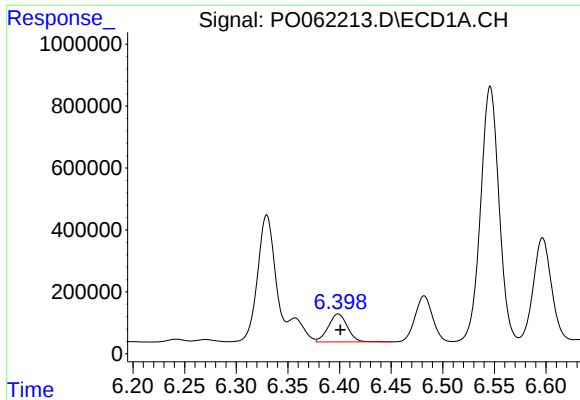
#24 AR-1248-4

R.T.: 6.357 min  
Delta R.T.: -0.006 min  
Response: 815621  
Conc: 319.27 ng/ml



#24 AR-1248-4

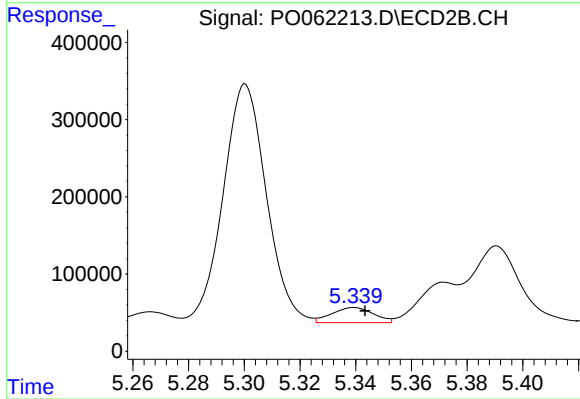
R.T.: 4.959 min  
Delta R.T.: -0.004 min  
Response: 264592  
Conc: 167.21 ng/ml



#25 AR-1248-5

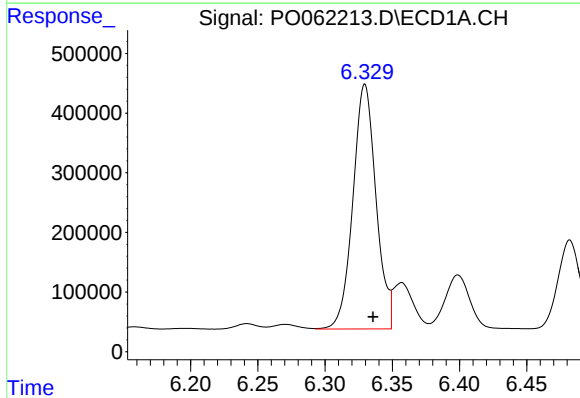
R.T.: 6.399 min  
Delta R.T.: -0.002 min  
Response: 1157154  
Conc: 473.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



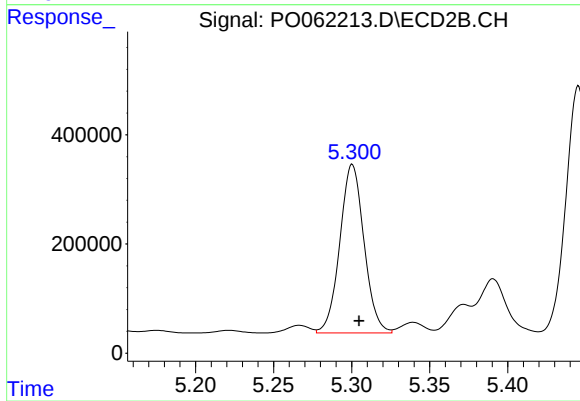
#25 AR-1248-5

R.T.: 5.339 min  
Delta R.T.: -0.004 min  
Response: 203295  
Conc: 132.10 ng/ml



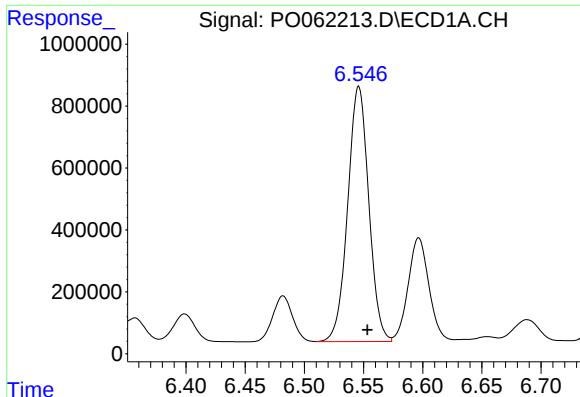
#26 AR-1254-1

R.T.: 6.330 min  
Delta R.T.: -0.006 min  
Response: 4913972  
Conc: 1843.46 ng/ml



#26 AR-1254-1

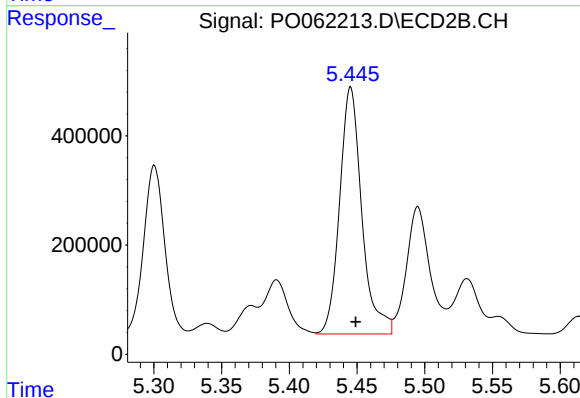
R.T.: 5.300 min  
Delta R.T.: -0.004 min  
Response: 3334918  
Conc: 1363.53 ng/ml



#27 AR-1254-2

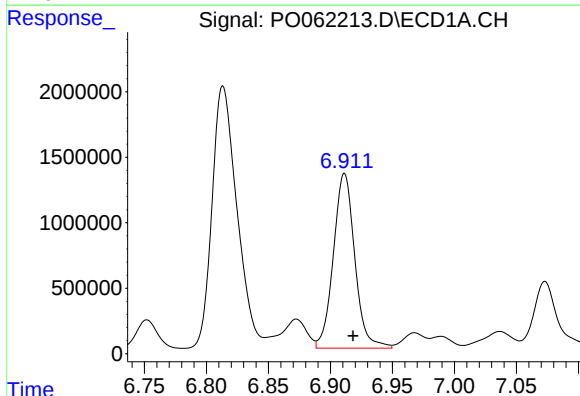
R.T.: 6.546 min  
Delta R.T.: -0.007 min  
Response: 10225298  
Conc: 2501.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



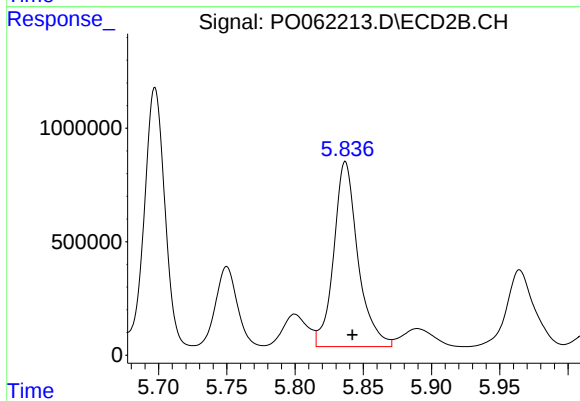
#27 AR-1254-2

R.T.: 5.445 min  
Delta R.T.: -0.004 min  
Response: 5159758  
Conc: 2436.30 ng/ml



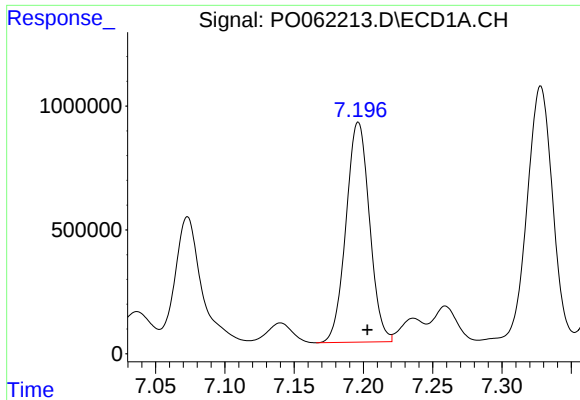
#28 AR-1254-3

R.T.: 6.911 min  
Delta R.T.: -0.007 min  
Response: 16052165  
Conc: 3836.48 ng/ml



#28 AR-1254-3

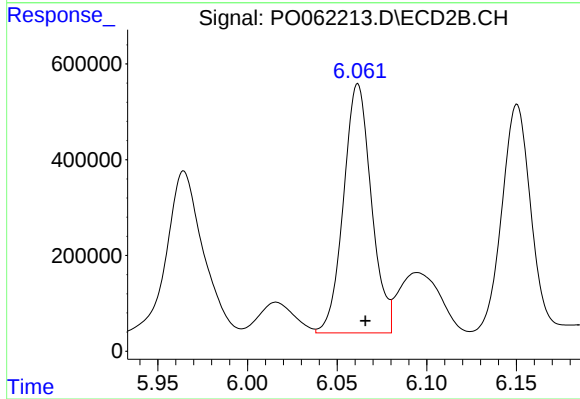
R.T.: 5.837 min  
Delta R.T.: -0.005 min  
Response: 10070285  
Conc: 3090.79 ng/ml



#29 AR-1254-4

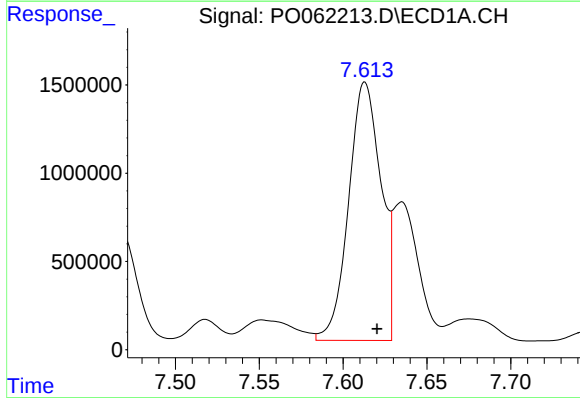
R.T.: 7.196 min  
Delta R.T.: -0.007 min  
Response: 10478244  
Conc: 3477.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



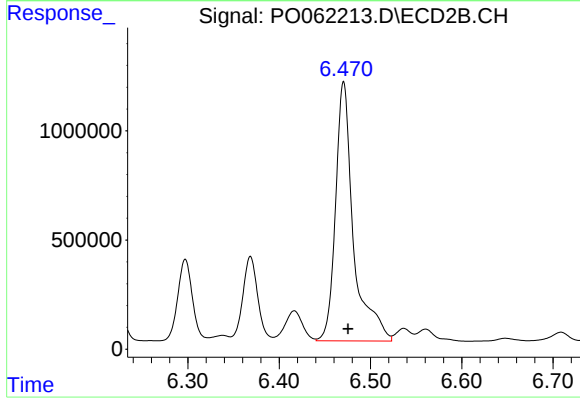
#29 AR-1254-4

R.T.: 6.062 min  
Delta R.T.: -0.004 min  
Response: 5624812  
Conc: 2912.26 ng/ml



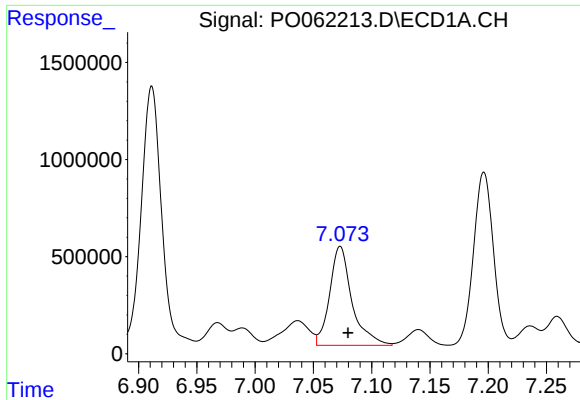
#30 AR-1254-5

R.T.: 7.613 min  
Delta R.T.: -0.007 min  
Response: 19673853  
Conc: 6277.76 ng/ml



#30 AR-1254-5

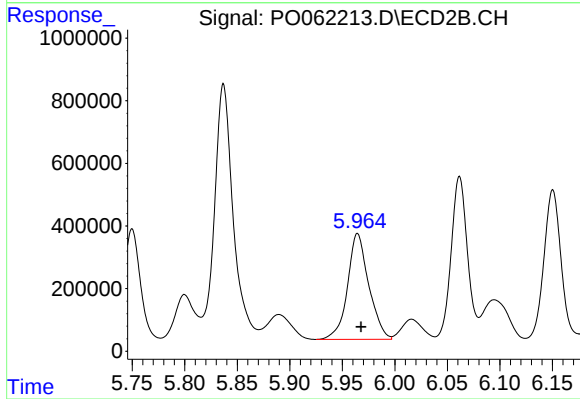
R.T.: 6.471 min  
Delta R.T.: -0.005 min  
Response: 16237223  
Conc: 6147.67 ng/ml



#31 AR-1260-1

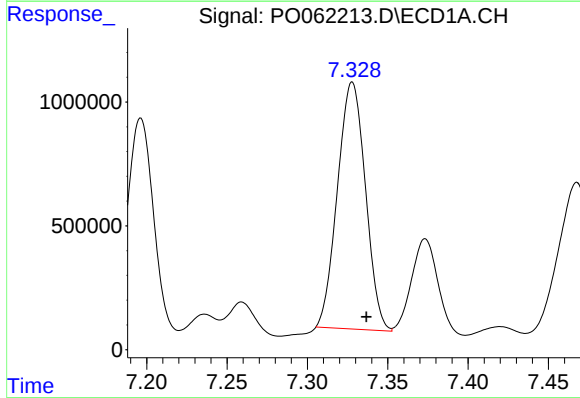
R.T.: 7.073 min  
Delta R.T.: -0.007 min  
Response: 6794770  
Conc: 2386.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



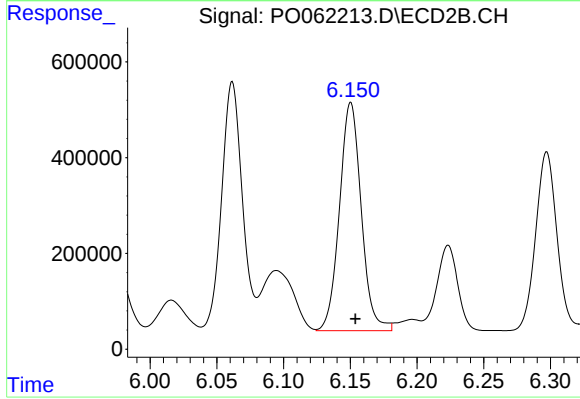
#31 AR-1260-1

R.T.: 5.965 min  
Delta R.T.: -0.004 min  
Response: 4759443  
Conc: 2240.02 ng/ml



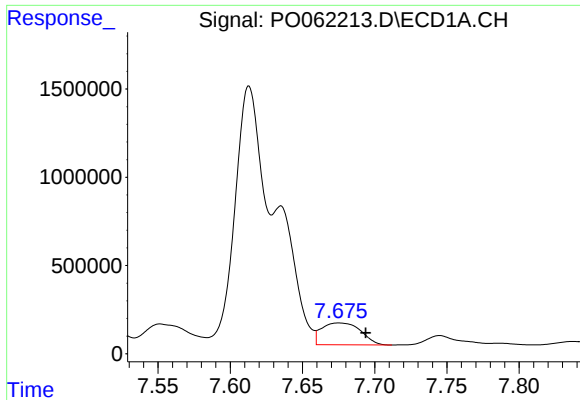
#32 AR-1260-2

R.T.: 7.328 min  
Delta R.T.: -0.009 min  
Response: 12086632  
Conc: 3523.23 ng/ml



#32 AR-1260-2

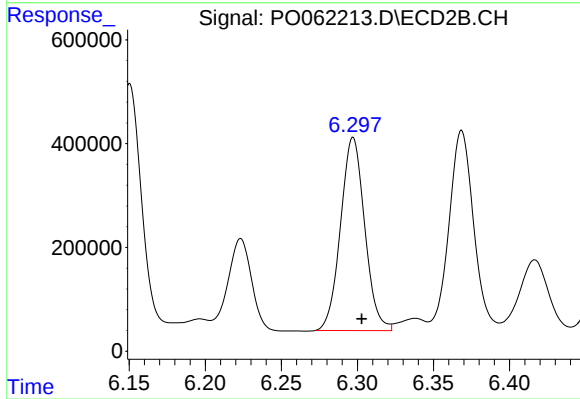
R.T.: 6.150 min  
Delta R.T.: -0.003 min  
Response: 5425045  
Conc: 2137.84 ng/ml



#33 AR-1260-3

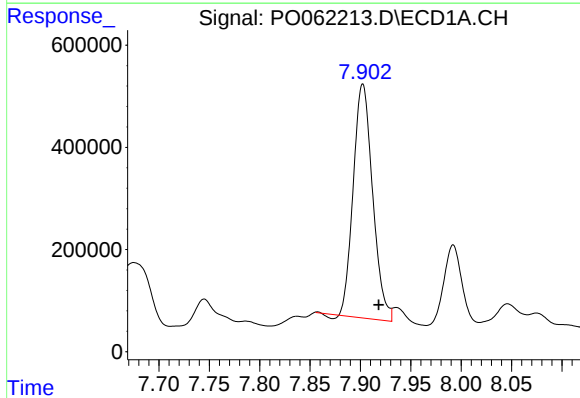
R.T.: 7.675 min  
Delta R.T.: -0.019 min  
Response: 2340705  
Conc: 884.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



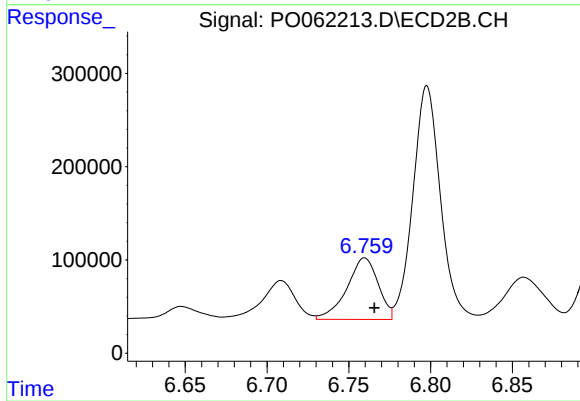
#33 AR-1260-3

R.T.: 6.297 min  
Delta R.T.: -0.006 min  
Response: 4116414  
Conc: 1822.95 ng/ml



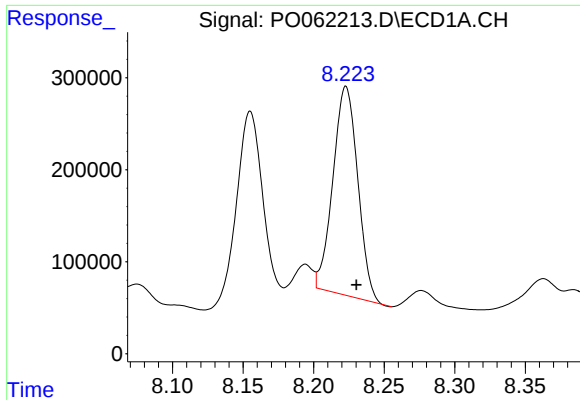
#34 AR-1260-4

R.T.: 7.902 min  
Delta R.T.: -0.016 min  
Response: 6110196  
Conc: 2184.52 ng/ml



#34 AR-1260-4

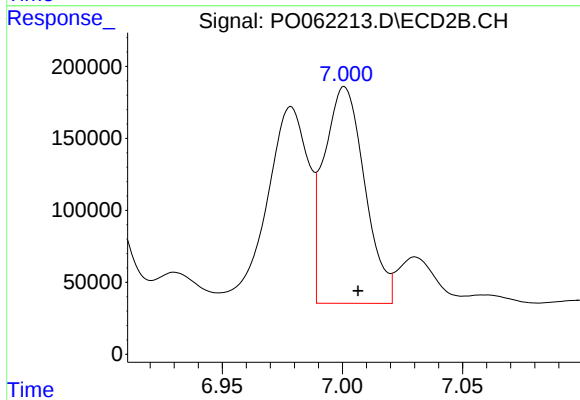
R.T.: 6.760 min  
Delta R.T.: -0.006 min  
Response: 879990  
Conc: 501.18 ng/ml



#35 AR-1260-5

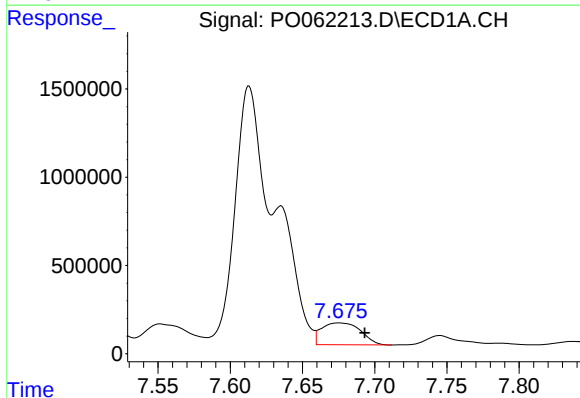
R.T.: 8.223 min  
Delta R.T.: -0.007 min  
Response: 2782158  
Conc: 531.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



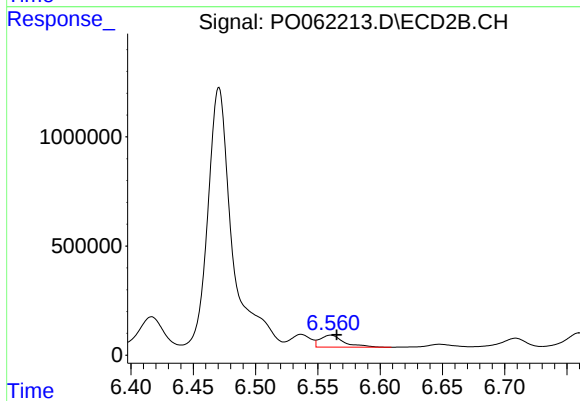
#35 AR-1260-5

R.T.: 7.001 min  
Delta R.T.: -0.006 min  
Response: 1774224  
Conc: 492.51 ng/ml



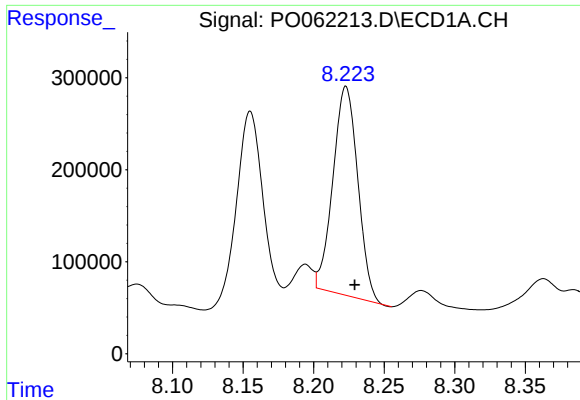
#36 AR-1262-1

R.T.: 7.675 min  
Delta R.T.: -0.018 min  
Response: 2340705  
Conc: 570.22 ng/ml



#36 AR-1262-1

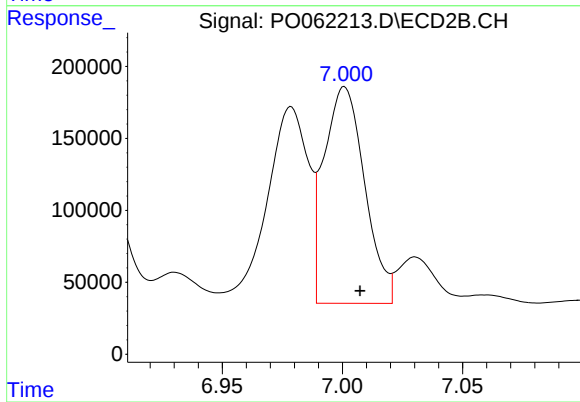
R.T.: 6.560 min  
Delta R.T.: -0.005 min  
Response: 726397  
Conc: 609.51 ng/ml



#37 AR-1262-2

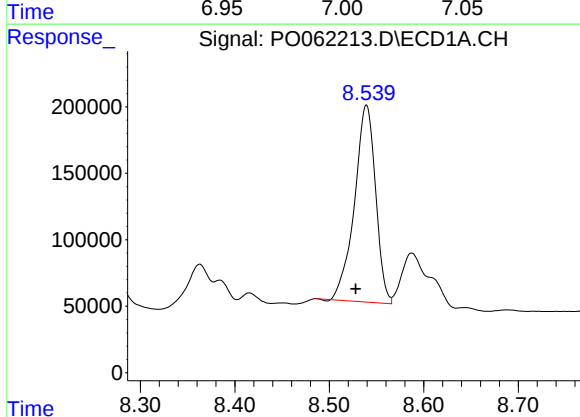
R.T.: 8.223 min  
Delta R.T.: -0.006 min  
Response: 2782158  
Conc: 431.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



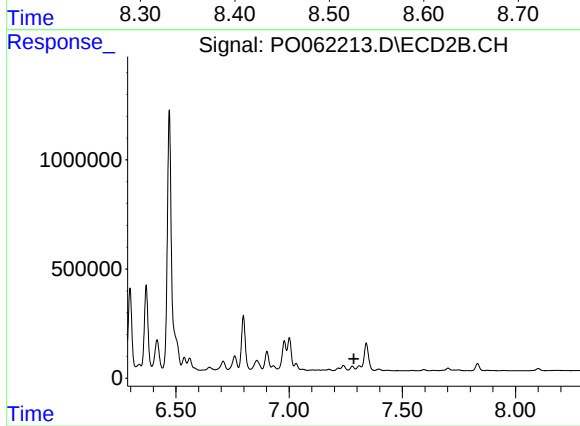
#37 AR-1262-2

R.T.: 7.001 min  
Delta R.T.: -0.006 min  
Response: 1774224  
Conc: 422.25 ng/ml



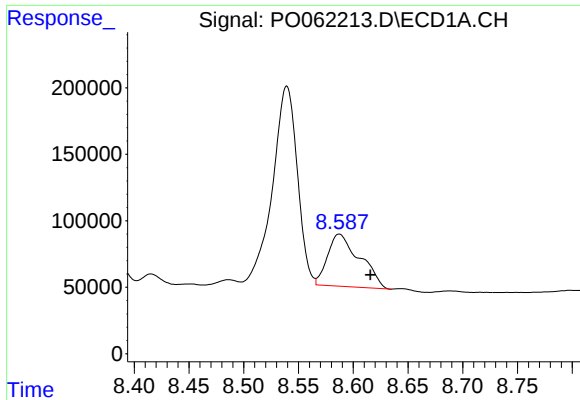
#38 AR-1262-3

R.T.: 8.539 min  
Delta R.T.: 0.011 min  
Response: 2299879  
Conc: 523.01 ng/ml



#38 AR-1262-3

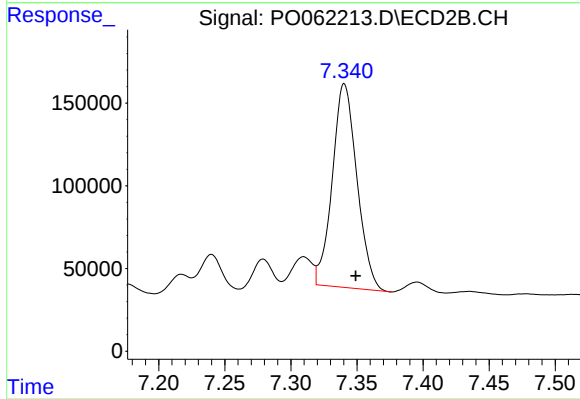
R.T.: 7.279 min  
Delta R.T.: -0.007 min  
Response: -17844  
Conc: N.D.



#39 AR-1262-4

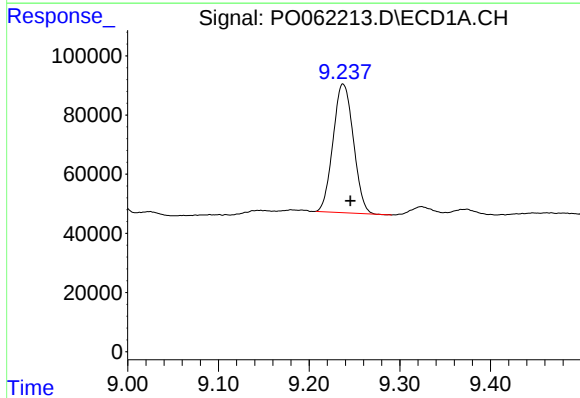
R.T.: 8.587 min  
Delta R.T.: -0.029 min  
Response: 804322  
Conc: 232.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



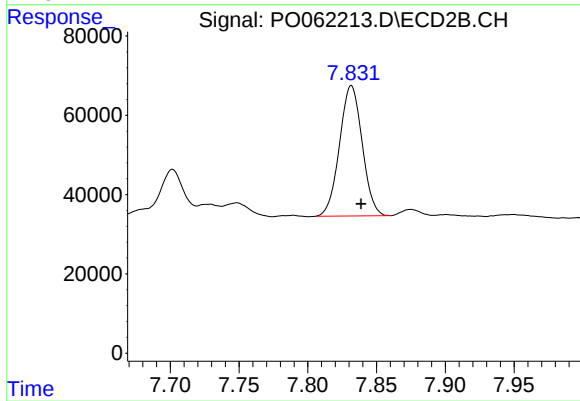
#39 AR-1262-4

R.T.: 7.340 min  
Delta R.T.: -0.009 min  
Response: 1597579  
Conc: 522.58 ng/ml



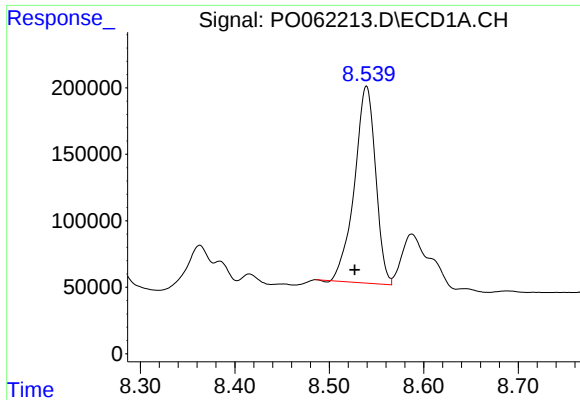
#40 AR-1262-5

R.T.: 9.237 min  
Delta R.T.: -0.008 min  
Response: 677323  
Conc: 299.87 ng/ml



#40 AR-1262-5

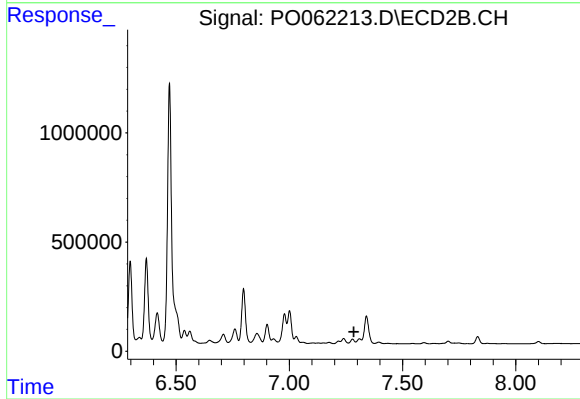
R.T.: 7.832 min  
Delta R.T.: -0.007 min  
Response: 376400  
Conc: 288.20 ng/ml



#41 AR-1268-1

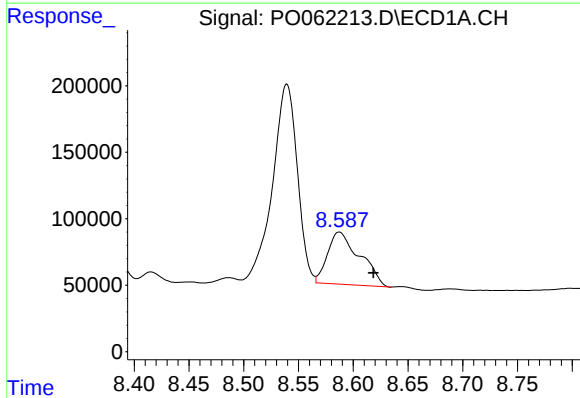
R.T.: 8.539 min  
Delta R.T.: 0.012 min  
Response: 2299879  
Conc: 303.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



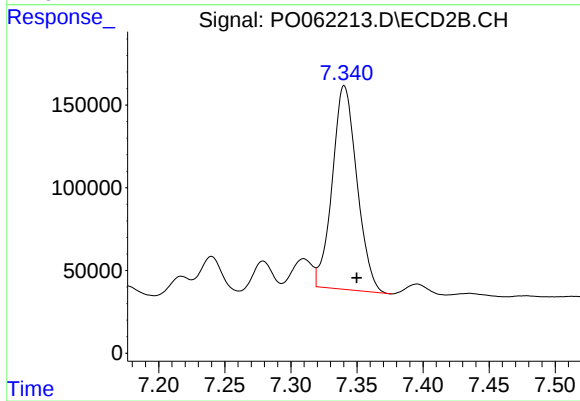
#41 AR-1268-1

R.T.: 7.279 min  
Delta R.T.: -0.006 min  
Response: -17844  
Conc: N.D.



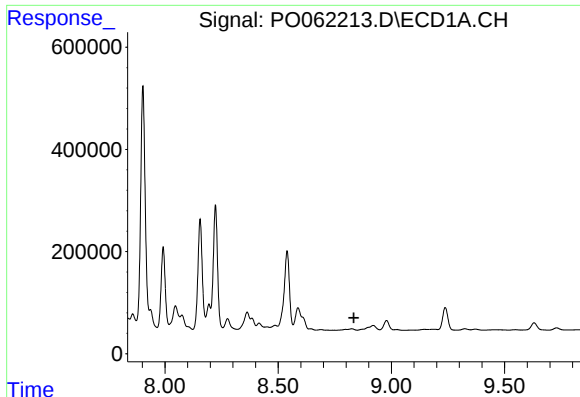
#42 AR-1268-2

R.T.: 8.587 min  
Delta R.T.: -0.031 min  
Response: 804322  
Conc: 114.50 ng/ml



#42 AR-1268-2

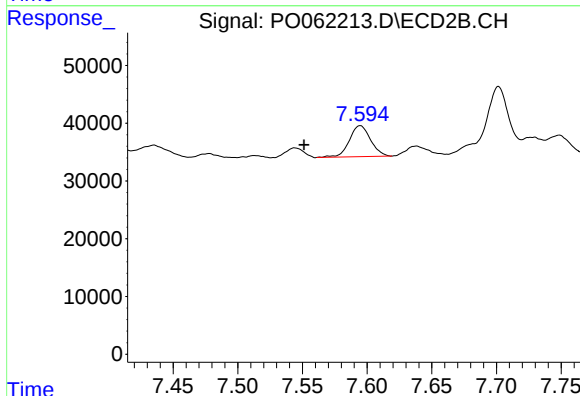
R.T.: 7.340 min  
Delta R.T.: -0.009 min  
Response: 1597579  
Conc: 382.40 ng/ml



#43 AR-1268-3

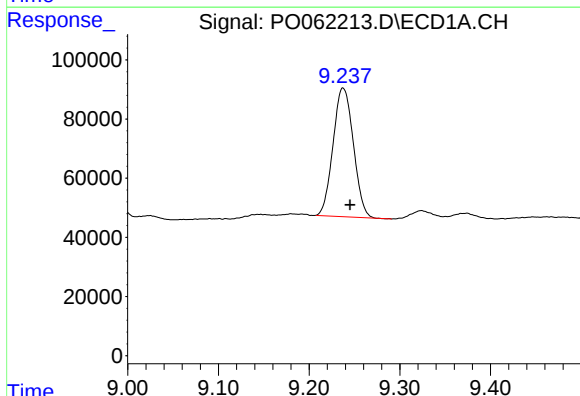
R.T.: 0.000 min  
Exp R.T.: 8.834 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



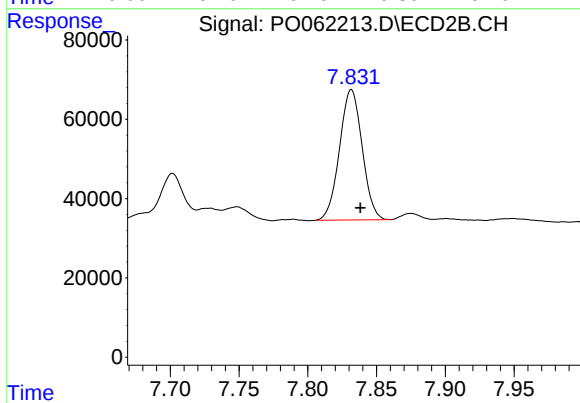
#43 AR-1268-3

R.T.: 7.595 min  
Delta R.T.: 0.043 min  
Response: 61349  
Conc: 17.61 ng/ml



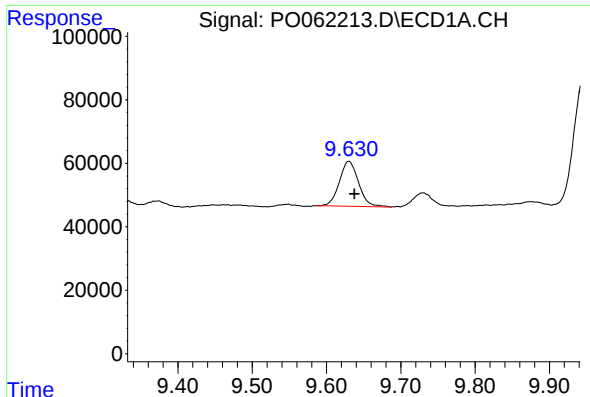
#44 AR-1268-4

R.T.: 9.237 min  
Delta R.T.: -0.008 min  
Response: 677323  
Conc: 285.07 ng/ml



#44 AR-1268-4

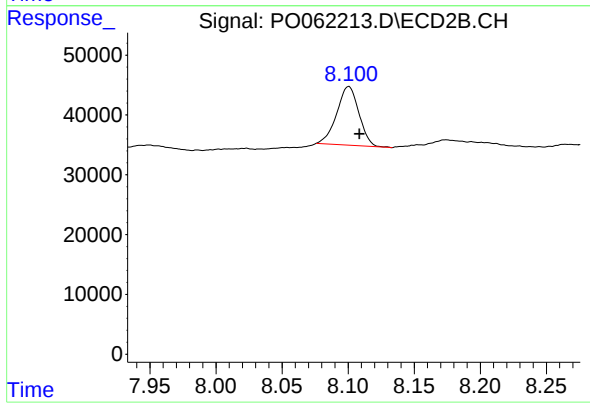
R.T.: 7.832 min  
Delta R.T.: -0.006 min  
Response: 376400  
Conc: 264.16 ng/ml



#45 AR-1268-5

R.T.: 9.630 min  
Delta R.T.: -0.007 min  
Response: 254093  
Conc: 14.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.100 min  
Delta R.T.: -0.008 min  
Response: 114747  
Conc: 12.39 ng/ml