

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121519\  
 Data File : P0064662.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Dec 2019 13:18  
 Operator : SM/AJ  
 Sample : K6142-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 3F

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 16 00:42:11 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 13 08:19:24 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... | 4.181 | 3.457 | 607767  | 716584  | 24.965   | 28.268    |
| 2)                          | SA Decachlor... | 9.705 | 8.382 | 544773  | 723376  | 17.751   | 20.829    |
|                             |                 |       |       |         |         |          |           |
| Target Compounds            |                 |       |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 5.270 | 0.000 | 9207    | 0       | 9.227    | N.D. #    |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.756 | 0       | 59614   | N.D.     | 76.687 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.756 | 0       | 59614   | N.D.     | 90.669 #  |
| 7)                          | L1 AR-1016-5    | 5.806 | 5.001 | 55903   | 317001  | 76.709   | 363.299 # |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.756 | 0       | 59614   | N.D.     | 95.781 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.756 | 0       | 59614   | N.D.     | 104.641 # |
| 15)                         | L3 AR-1232-5    | 5.604 | 5.001 | 41289   | 317001  | 99.493   | 499.459 # |
| 16)                         | L4 AR-1242-1    | 5.270 | 0.000 | 9207    | 0       | 11.748   | N.D. #    |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.756 | 0       | 59614   | N.D.     | 94.008 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.756 | 0       | 59614   | N.D.     | 91.587 #  |
| 20)                         | L4 AR-1242-5    | 6.245 | 5.314 | 246853  | 254243  | 354.201  | 286.004   |
| 21)                         | L5 AR-1248-1    | 5.270 | 0.000 | 9207    | 0       | 14.265   | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.604 | 4.756 | 41289   | 59614   | 44.681   | 60.713 #  |
| 23)                         | L5 AR-1248-3    | 5.806 | 4.756 | 55903   | 59614   | 52.621   | 58.588    |
| 24)                         | L5 AR-1248-4    | 6.181 | 5.001 | 800740  | 317001  | 614.018  | 246.308 # |
| 25)                         | L5 AR-1248-5    | 6.245 | 5.314 | 246853  | 254243  | 198.380  | 133.739 # |
| 26)                         | L6 AR-1254-1    | 6.181 | 5.314 | 800740  | 254243  | 628.753  | 125.198 # |
| 27)                         | L6 AR-1254-2    | 6.394 | 5.460 | 832782  | 747441  | 400.367  | 409.920   |
| 28)                         | L6 AR-1254-3    | 6.758 | 5.861 | 997146  | 1565688 | 417.602  | 504.016   |
| 29)                         | L6 AR-1254-4    | 7.041 | 6.087 | 856264  | 725470  | 457.910  | 353.193   |
| 30)                         | L6 AR-1254-5    | 7.457 | 6.501 | 2412953 | 2233846 | 1146.828 | 748.386 # |
| 31)                         | L7 AR-1260-1    | 6.919 | 5.988 | 1043250 | 1370005 | 679.063  | 741.947   |
| 32)                         | L7 AR-1260-2    | 7.175 | 6.176 | 1801858 | 1946258 | 912.796  | 836.522   |
| 33)                         | L7 AR-1260-3    | 7.531 | 6.328 | 1682591 | 1255804 | 1119.779 | 593.111 # |
| 34)                         | L7 AR-1260-4    | 7.754 | 6.796 | 2703334 | 1409576 | 1463.458 | 748.223 # |
| 35)                         | L7 AR-1260-5    | 8.061 | 7.038 | 2748840 | 3516819 | 736.618  | 749.851   |
| 36)                         | L8 AR-1262-1    | 7.531 | 6.592 | 1682591 | 740716  | 731.739  | 645.645   |
| 37)                         | L8 AR-1262-2    | 8.061 | 7.038 | 2748840 | 3516819 | 633.282  | 643.597   |
| 38)                         | L8 AR-1262-3    | 8.350 | 7.319 | 2134025 | 1250035 | 733.345  | 600.167   |
| 39)                         | L8 AR-1262-4    | 8.432 | 7.383 | 1595894 | 2454963 | 737.362  | 616.658   |
| 40)                         | L8 AR-1262-5    | 9.031 | 7.875 | 1369451 | 1279257 | 933.604  | 733.696   |
| 41)                         | L9 AR-1268-1    | 8.350 | 7.319 | 2134025 | 1250035 | 412.924  | 195.485 # |
| 42)                         | L9 AR-1268-2    | 8.432 | 7.383 | 1595894 | 2454963 | 339.376  | 421.203   |
| 43)                         | L9 AR-1268-3    | 8.638 | 7.587 | 118777  | 71332   | 30.812   | 14.933 #  |
| 44)                         | L9 AR-1268-4    | 9.031 | 7.875 | 1369451 | 1279257 | 814.566  | 635.531   |
| 45)                         | L9 AR-1268-5    | 9.404 | 8.146 | 483351  | 422485  | 40.731   | 29.205 #  |
| -----                       |                 |       |       |         |         |          |           |

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

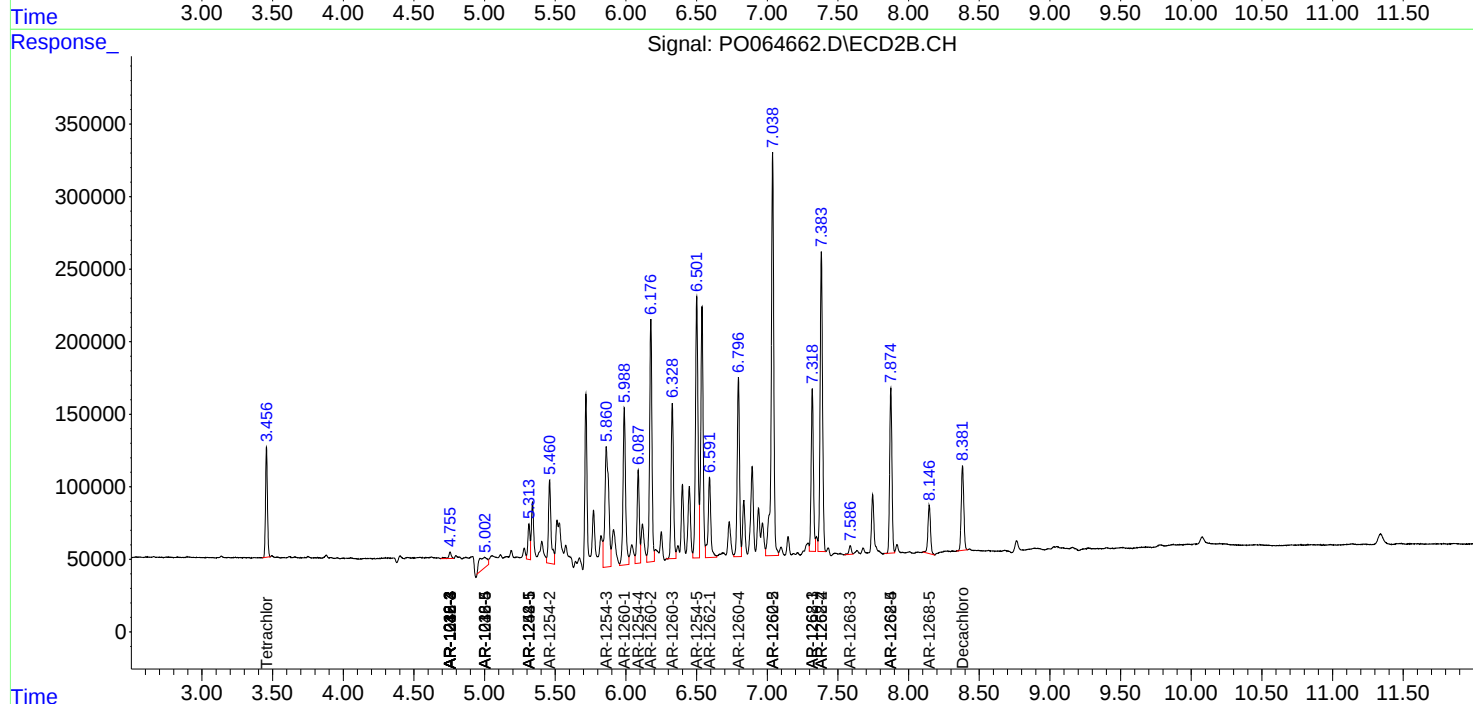
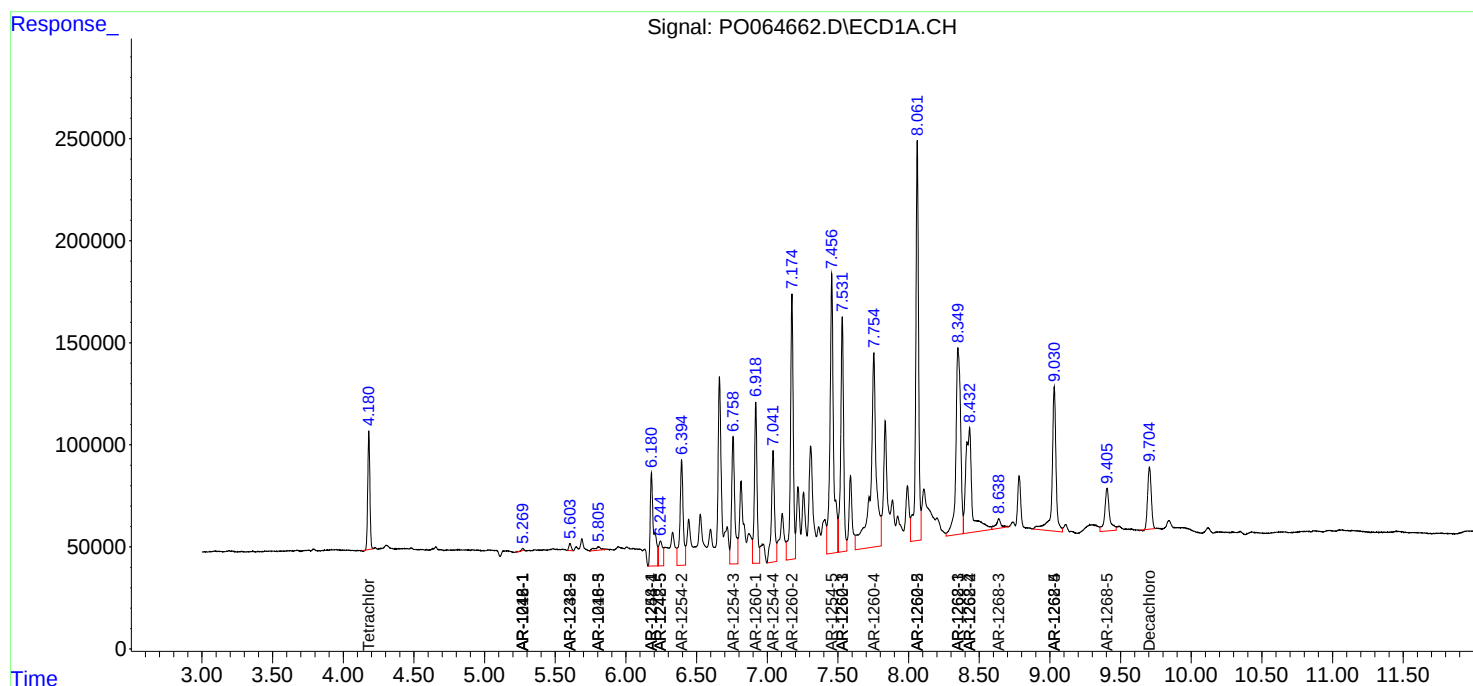
Instrument :  
ECD\_O  
ClientSampleId :  
3F

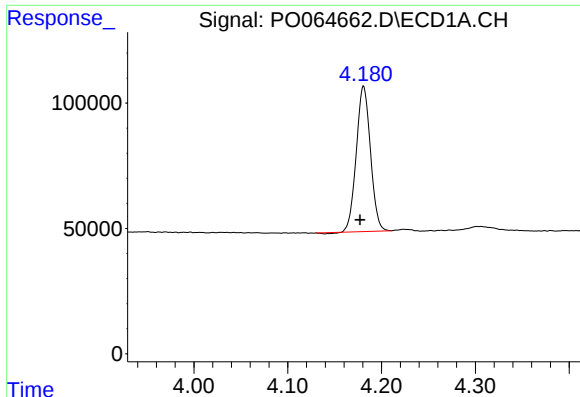
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121519\  
Data File : P0064662.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Dec 2019 13:18  
Operator : SM/AJ  
Sample : K6142-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
3F

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 16 00:42:11 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 13 08:19:24 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

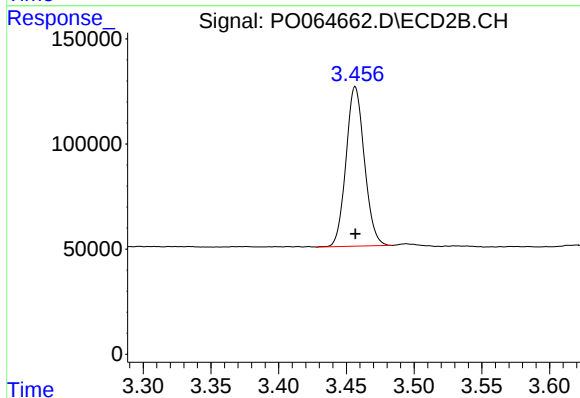




#1 Tetrachloro-m-xylene

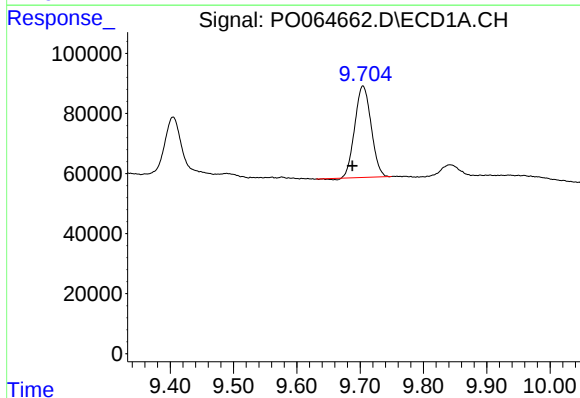
R.T.: 4.181 min  
Delta R.T.: 0.004 min  
Response: 607767  
Conc: 24.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



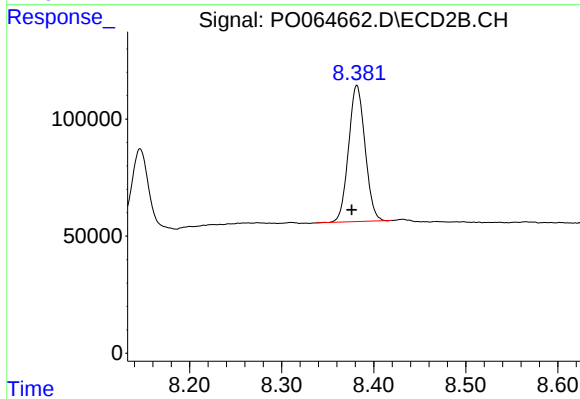
#1 Tetrachloro-m-xylene

R.T.: 3.457 min  
Delta R.T.: 0.000 min  
Response: 716584  
Conc: 28.27 ng/ml



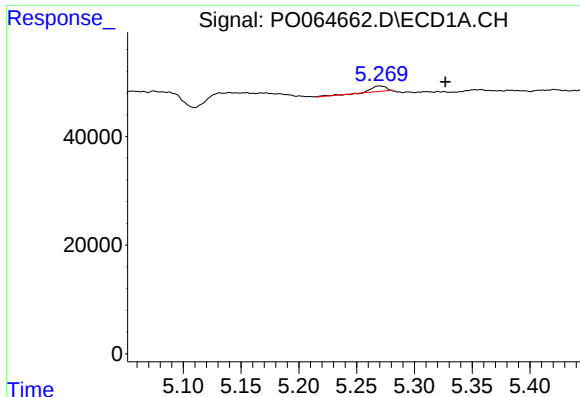
#2 Decachlorobiphenyl

R.T.: 9.705 min  
Delta R.T.: 0.017 min  
Response: 544773  
Conc: 17.75 ng/ml



#2 Decachlorobiphenyl

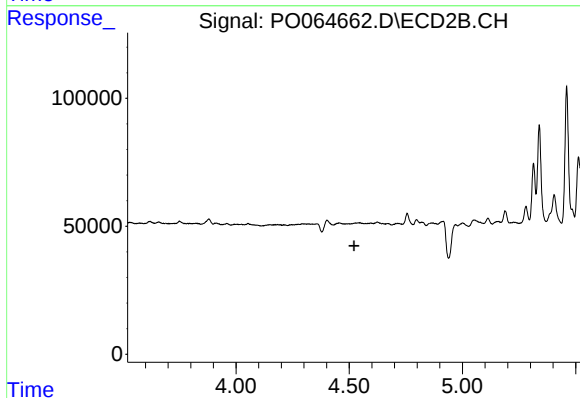
R.T.: 8.382 min  
Delta R.T.: 0.006 min  
Response: 723376  
Conc: 20.83 ng/ml



#3 AR-1016-1

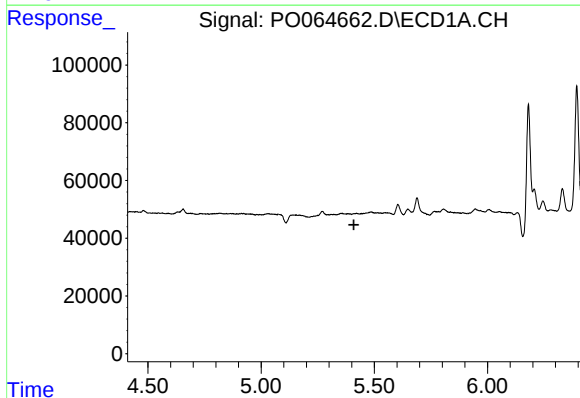
R.T.: 5.270 min  
Delta R.T.: -0.057 min  
Response: 9207  
Conc: 9.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



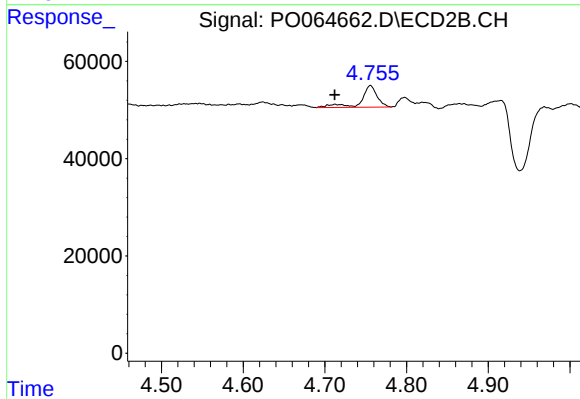
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.521 min  
Response: 0  
Conc: N.D.



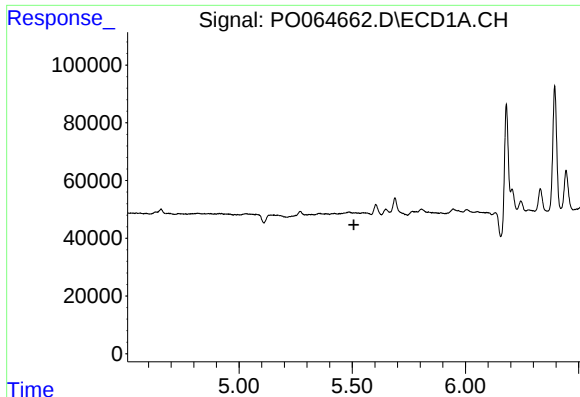
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.410 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

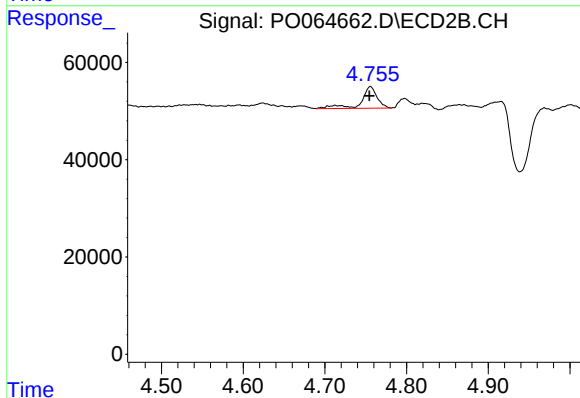
R.T.: 4.756 min  
Delta R.T.: 0.044 min  
Response: 59614  
Conc: 76.69 ng/ml



#6 AR-1016-4

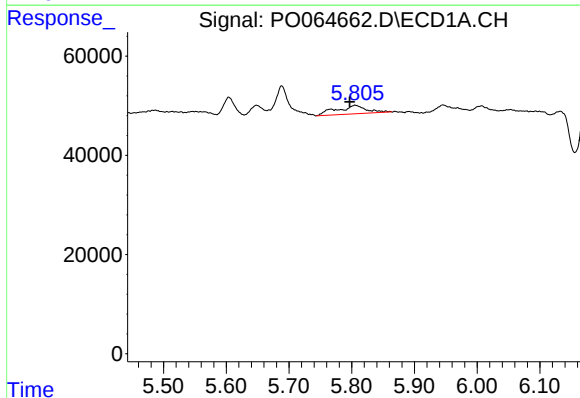
R.T.: 0.000 min  
Exp R.T.: 5.507 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
3F



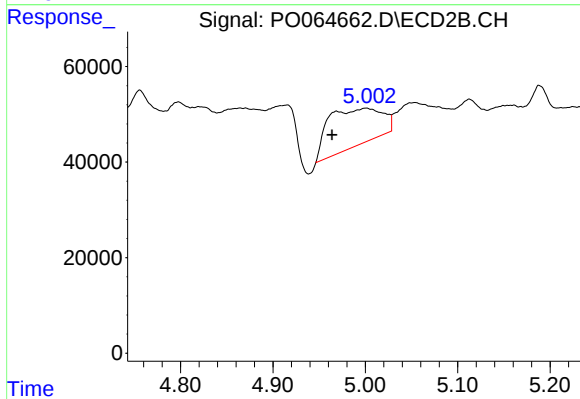
#6 AR-1016-4

R.T.: 4.756 min  
Delta R.T.: 0.001 min  
Response: 59614  
Conc: 90.67 ng/ml



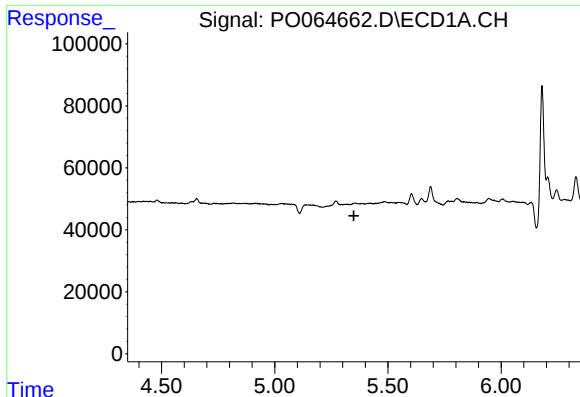
#7 AR-1016-5

R.T.: 5.806 min  
Delta R.T.: 0.008 min  
Response: 55903  
Conc: 76.71 ng/ml



#7 AR-1016-5

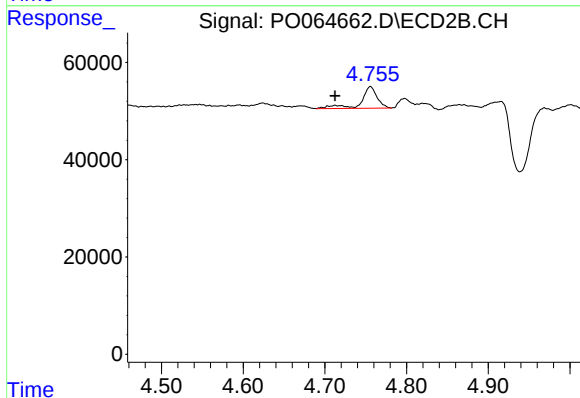
R.T.: 5.001 min  
Delta R.T.: 0.037 min  
Response: 317001  
Conc: 363.30 ng/ml



#13 AR-1232-3

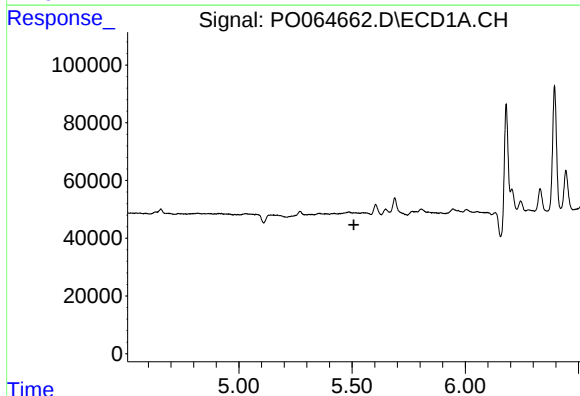
R.T.: 0.000 min  
Exp R.T.: 5.350 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
3F



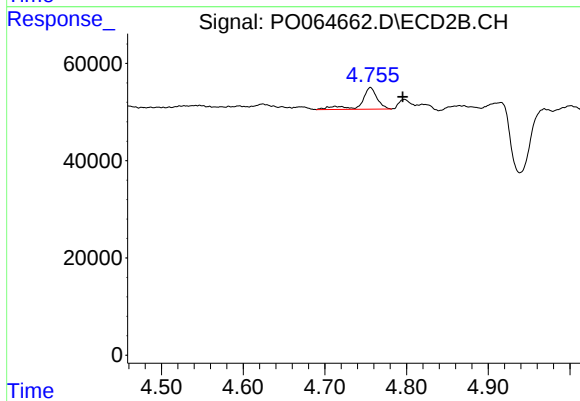
#13 AR-1232-3

R.T.: 4.756 min  
Delta R.T.: 0.043 min  
Response: 59614  
Conc: 95.78 ng/ml



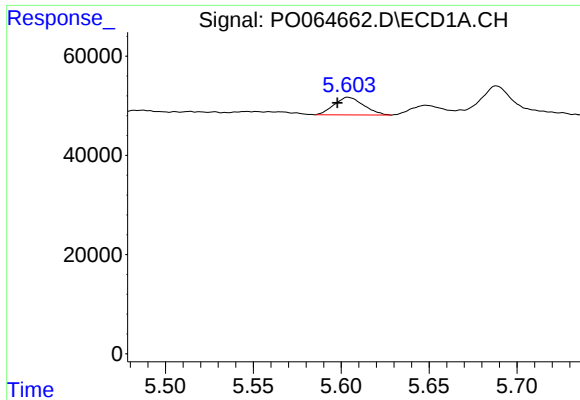
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.508 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

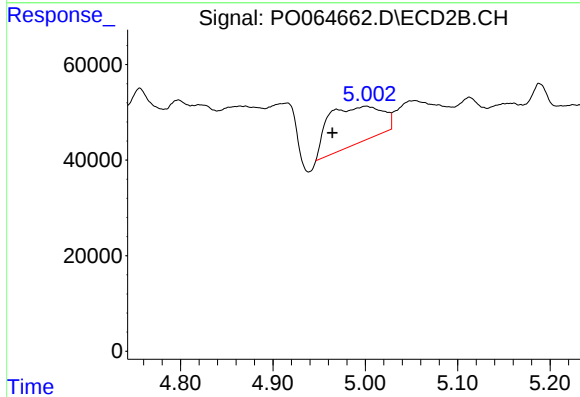
R.T.: 4.756 min  
Delta R.T.: -0.039 min  
Response: 59614  
Conc: 104.64 ng/ml



#15 AR-1232-5

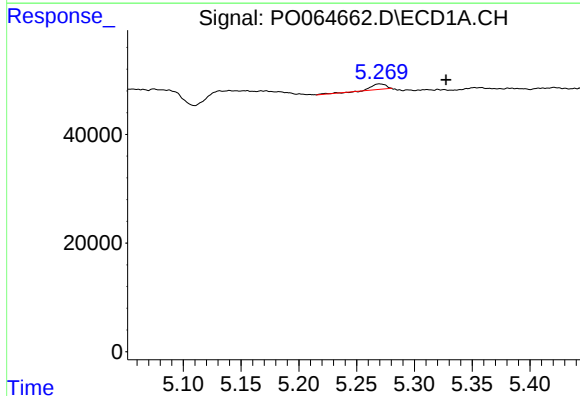
R.T.: 5.604 min  
Delta R.T.: 0.006 min  
Response: 41289  
Conc: 99.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



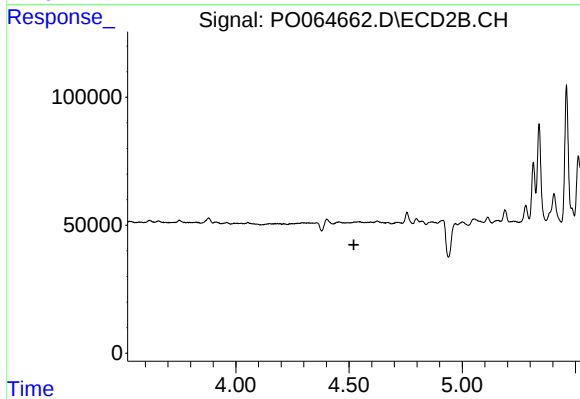
#15 AR-1232-5

R.T.: 5.001 min  
Delta R.T.: 0.036 min  
Response: 317001  
Conc: 499.46 ng/ml



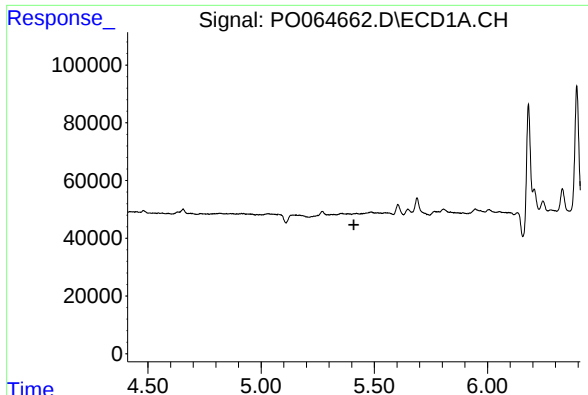
#16 AR-1242-1

R.T.: 5.270 min  
Delta R.T.: -0.057 min  
Response: 9207  
Conc: 11.75 ng/ml



#16 AR-1242-1

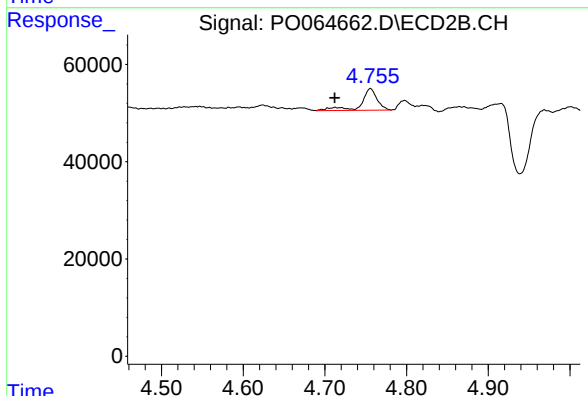
R.T.: 0.000 min  
Exp R.T.: 4.521 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

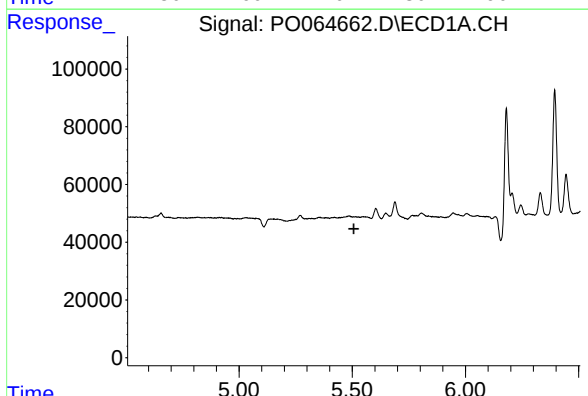
R.T.: 0.000 min  
Exp R.T.: 5.410 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
3F



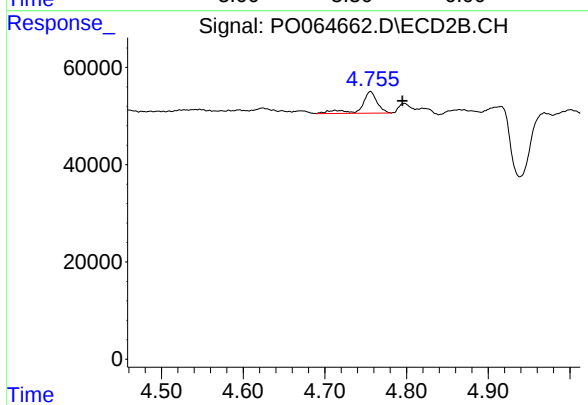
#18 AR-1242-3

R.T.: 4.756 min  
Delta R.T.: 0.044 min  
Response: 59614  
Conc: 94.01 ng/ml



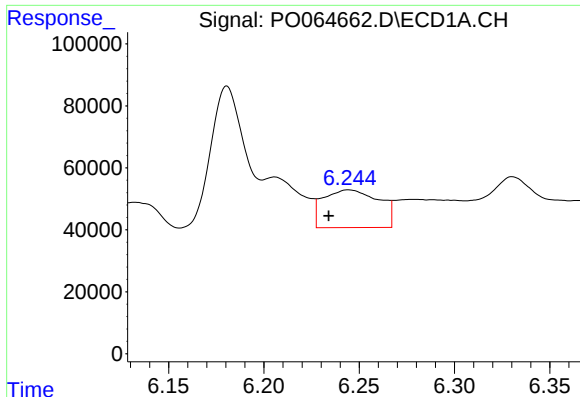
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.507 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

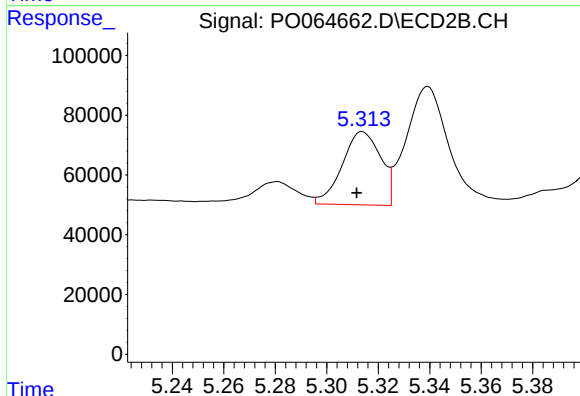
R.T.: 4.756 min  
Delta R.T.: -0.039 min  
Response: 59614  
Conc: 91.59 ng/ml



#20 AR-1242-5

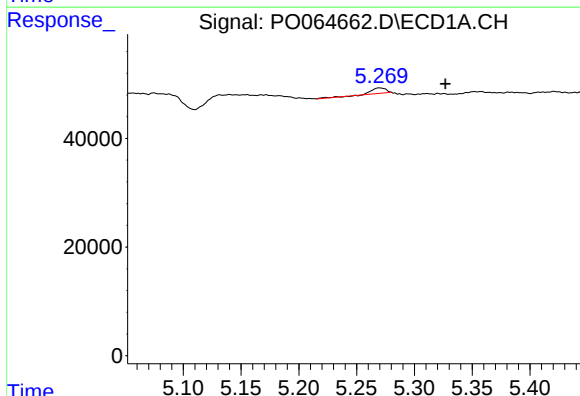
R.T.: 6.245 min  
Delta R.T.: 0.011 min  
Response: 246853  
Conc: 354.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



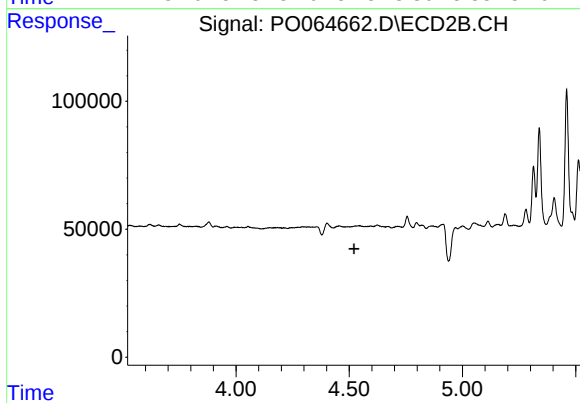
#20 AR-1242-5

R.T.: 5.314 min  
Delta R.T.: 0.002 min  
Response: 254243  
Conc: 286.00 ng/ml



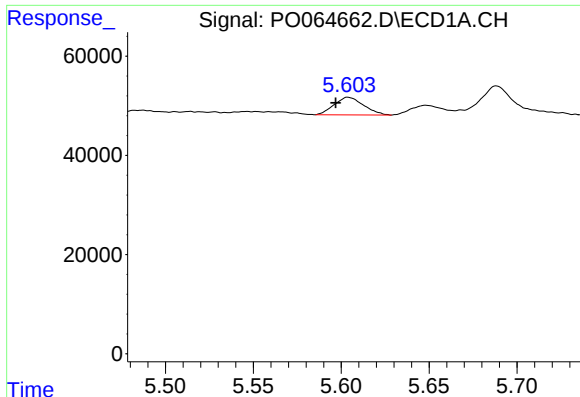
#21 AR-1248-1

R.T.: 5.270 min  
Delta R.T.: -0.057 min  
Response: 9207  
Conc: 14.27 ng/ml



#21 AR-1248-1

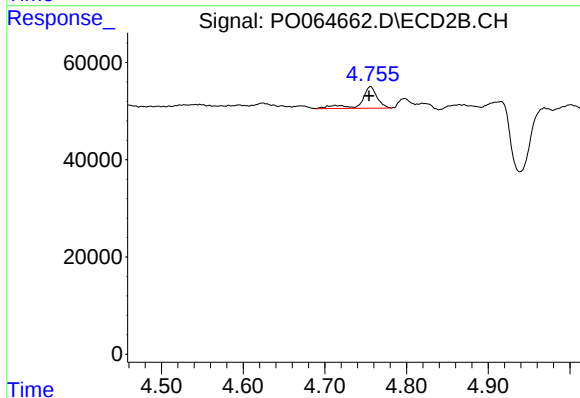
R.T.: 0.000 min  
Exp R.T.: 4.521 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

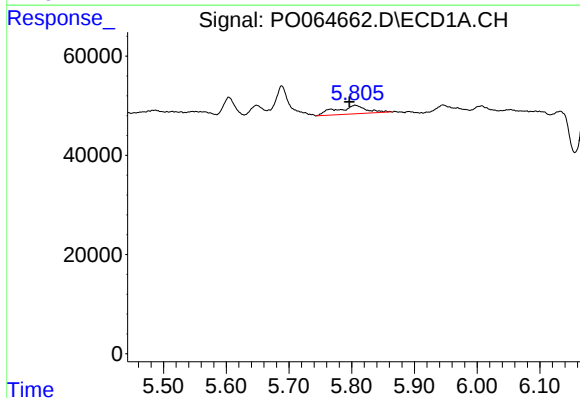
R.T.: 5.604 min  
Delta R.T.: 0.007 min  
Response: 41289  
Conc: 44.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



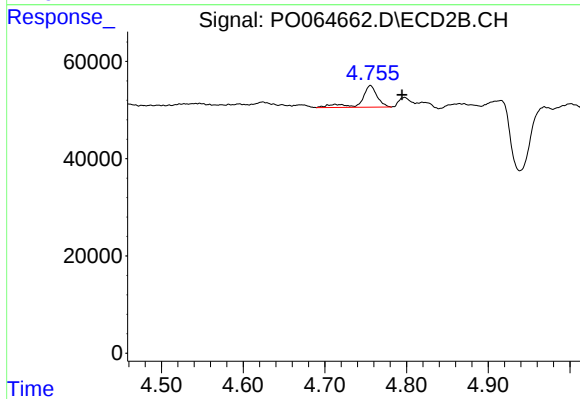
#22 AR-1248-2

R.T.: 4.756 min  
Delta R.T.: 0.002 min  
Response: 59614  
Conc: 60.71 ng/ml



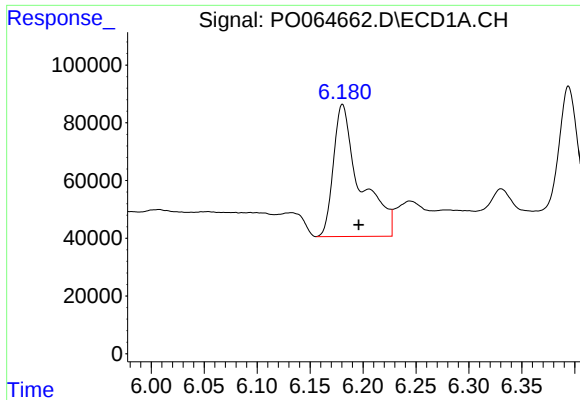
#23 AR-1248-3

R.T.: 5.806 min  
Delta R.T.: 0.009 min  
Response: 55903  
Conc: 52.62 ng/ml



#23 AR-1248-3

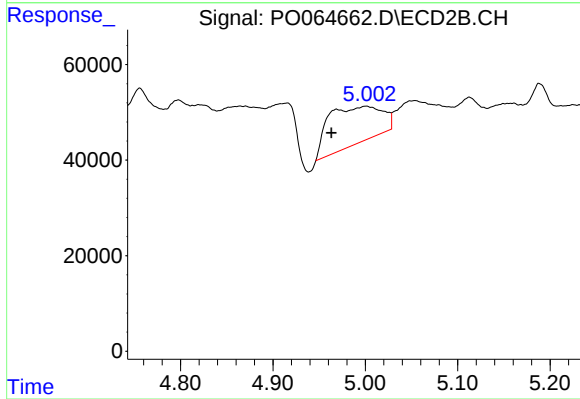
R.T.: 4.756 min  
Delta R.T.: -0.039 min  
Response: 59614  
Conc: 58.59 ng/ml



#24 AR-1248-4

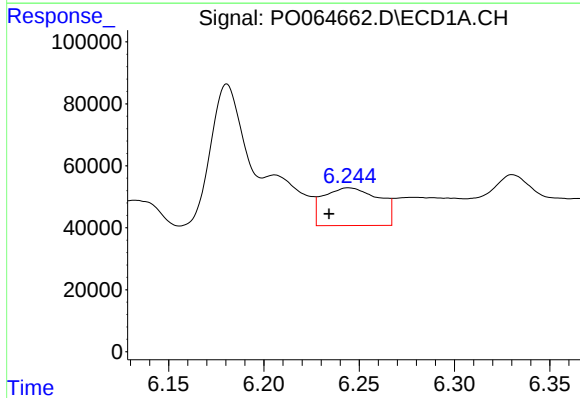
R.T.: 6.181 min  
Delta R.T.: -0.015 min  
Response: 800740  
Conc: 614.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



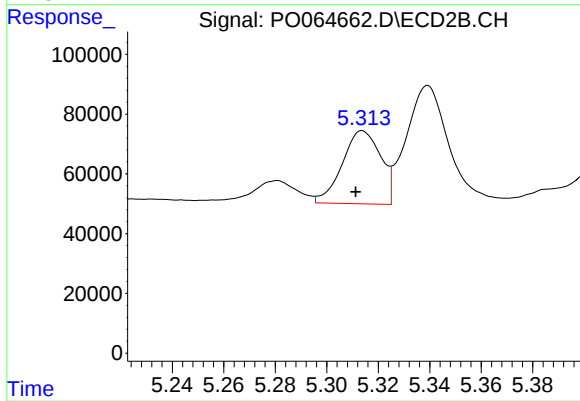
#24 AR-1248-4

R.T.: 5.001 min  
Delta R.T.: 0.038 min  
Response: 317001  
Conc: 246.31 ng/ml



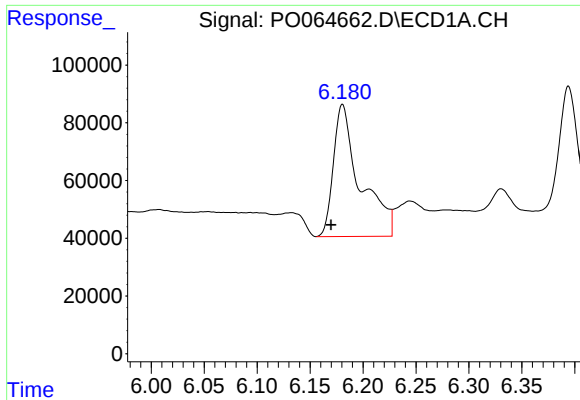
#25 AR-1248-5

R.T.: 6.245 min  
Delta R.T.: 0.010 min  
Response: 246853  
Conc: 198.38 ng/ml



#25 AR-1248-5

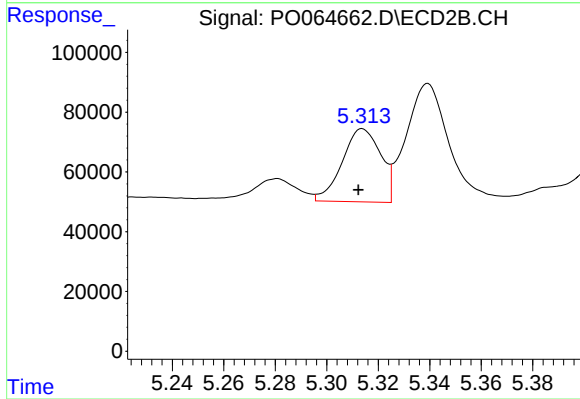
R.T.: 5.314 min  
Delta R.T.: 0.003 min  
Response: 254243  
Conc: 133.74 ng/ml



#26 AR-1254-1

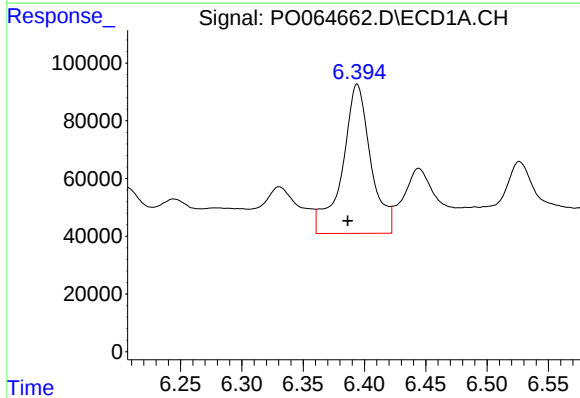
R.T.: 6.181 min  
Delta R.T.: 0.011 min  
Response: 800740  
Conc: 628.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



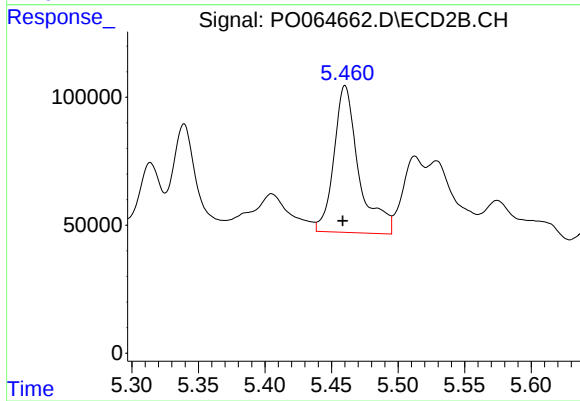
#26 AR-1254-1

R.T.: 5.314 min  
Delta R.T.: 0.002 min  
Response: 254243  
Conc: 125.20 ng/ml



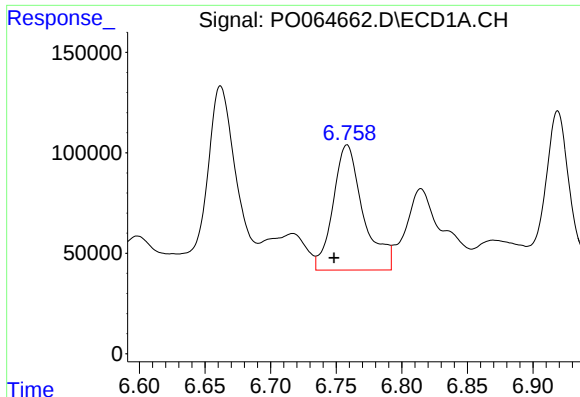
#27 AR-1254-2

R.T.: 6.394 min  
Delta R.T.: 0.008 min  
Response: 832782  
Conc: 400.37 ng/ml



#27 AR-1254-2

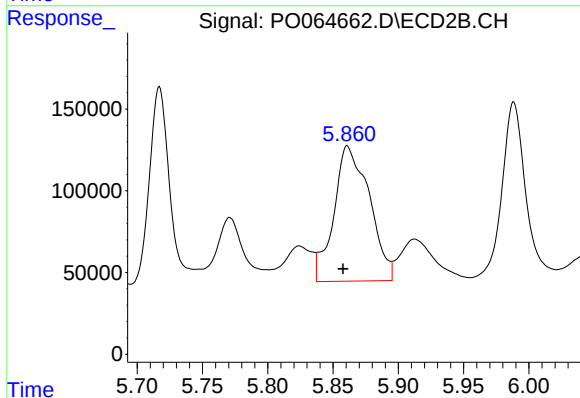
R.T.: 5.460 min  
Delta R.T.: 0.002 min  
Response: 747441  
Conc: 409.92 ng/ml



#28 AR-1254-3

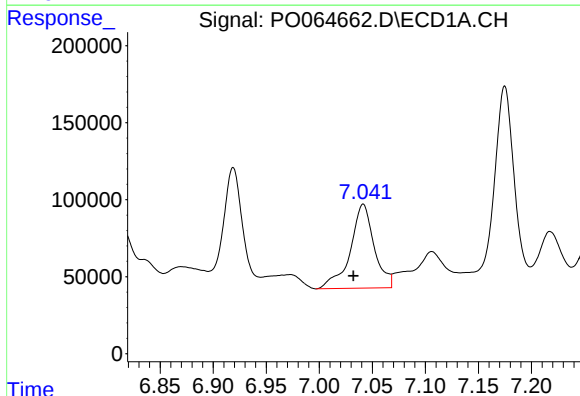
R.T.: 6.758 min  
Delta R.T.: 0.010 min  
Response: 997146  
Conc: 417.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



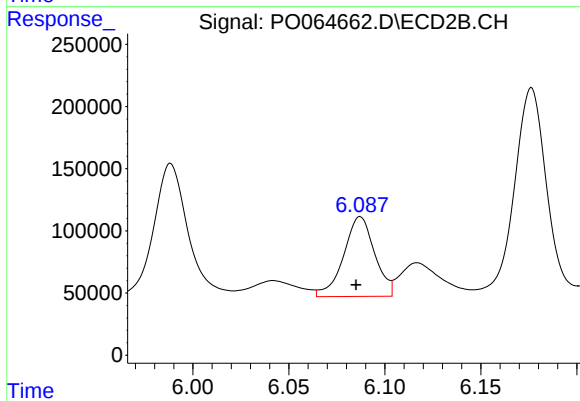
#28 AR-1254-3

R.T.: 5.861 min  
Delta R.T.: 0.003 min  
Response: 1565688  
Conc: 504.02 ng/ml



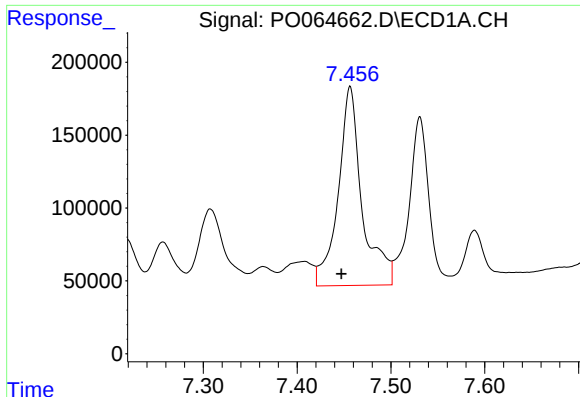
#29 AR-1254-4

R.T.: 7.041 min  
Delta R.T.: 0.009 min  
Response: 856264  
Conc: 457.91 ng/ml



#29 AR-1254-4

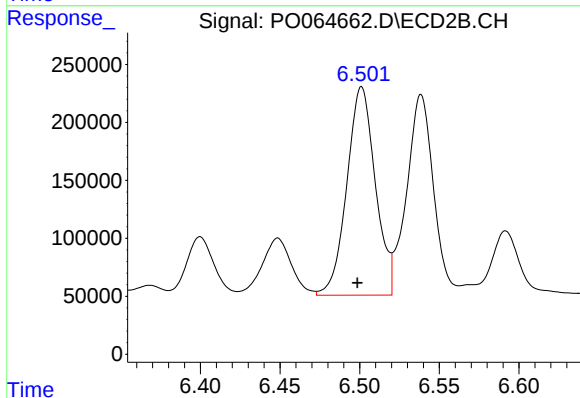
R.T.: 6.087 min  
Delta R.T.: 0.002 min  
Response: 725470  
Conc: 353.19 ng/ml



#30 AR-1254-5

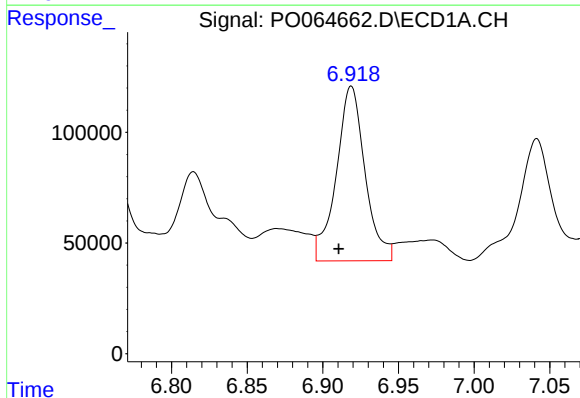
R.T.: 7.457 min  
Delta R.T.: 0.009 min  
Response: 2412953  
Conc: 1146.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



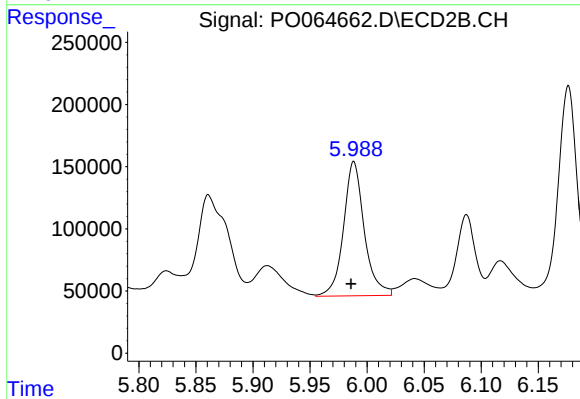
#30 AR-1254-5

R.T.: 6.501 min  
Delta R.T.: 0.003 min  
Response: 2233846  
Conc: 748.39 ng/ml



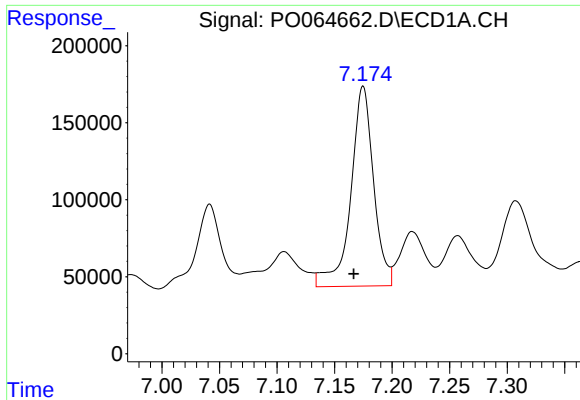
#31 AR-1260-1

R.T.: 6.919 min  
Delta R.T.: 0.008 min  
Response: 1043250  
Conc: 679.06 ng/ml



#31 AR-1260-1

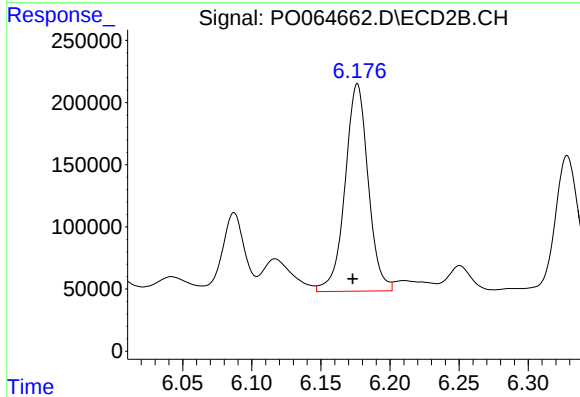
R.T.: 5.988 min  
Delta R.T.: 0.002 min  
Response: 1370005  
Conc: 741.95 ng/ml



#32 AR-1260-2

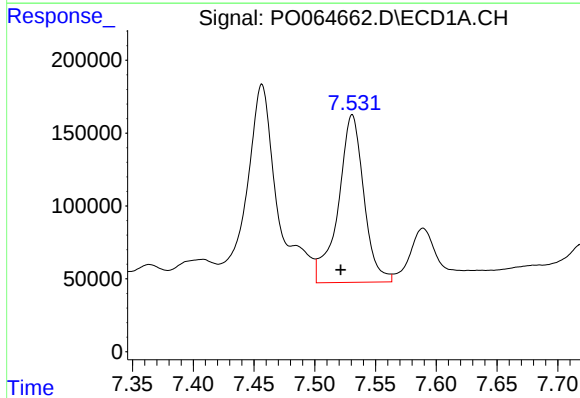
R.T.: 7.175 min  
Delta R.T.: 0.008 min  
Response: 1801858  
Conc: 912.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



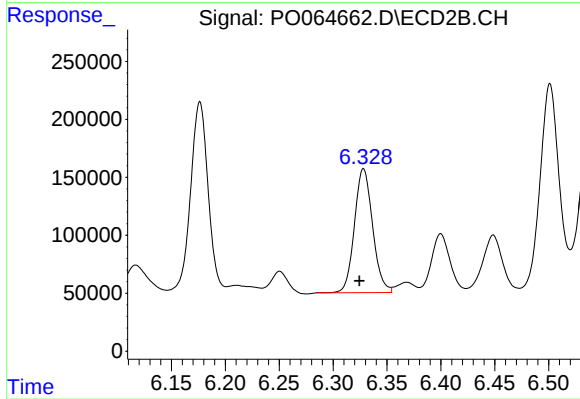
#32 AR-1260-2

R.T.: 6.176 min  
Delta R.T.: 0.003 min  
Response: 1946258  
Conc: 836.52 ng/ml



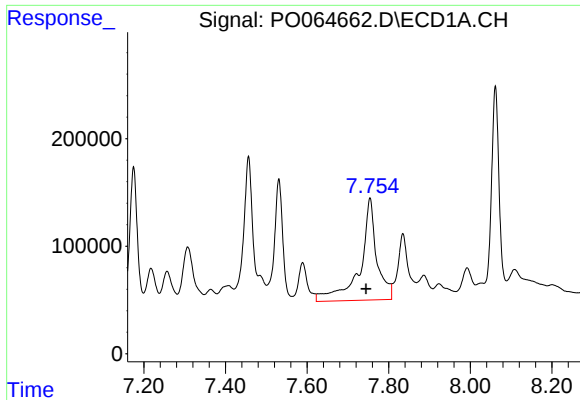
#33 AR-1260-3

R.T.: 7.531 min  
Delta R.T.: 0.010 min  
Response: 1682591  
Conc: 1119.78 ng/ml



#33 AR-1260-3

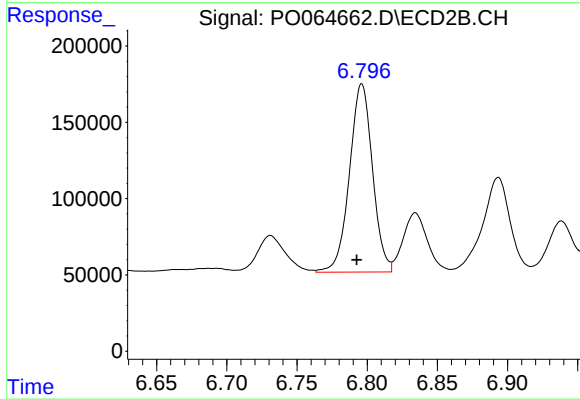
R.T.: 6.328 min  
Delta R.T.: 0.004 min  
Response: 1255804  
Conc: 593.11 ng/ml



#34 AR-1260-4

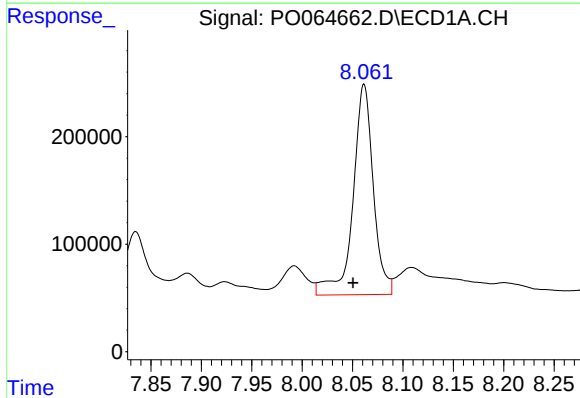
R.T.: 7.754 min  
Delta R.T.: 0.010 min  
Response: 2703334  
Conc: 1463.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



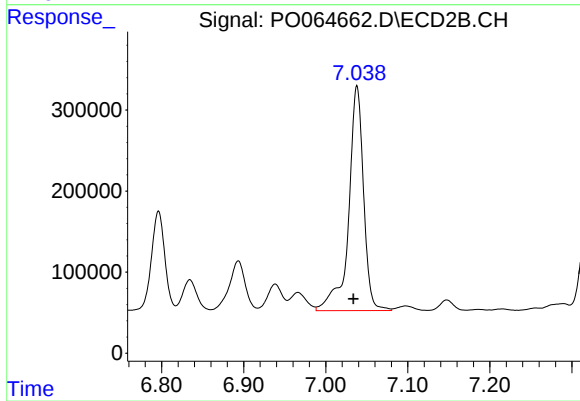
#34 AR-1260-4

R.T.: 6.796 min  
Delta R.T.: 0.004 min  
Response: 1409576  
Conc: 748.22 ng/ml



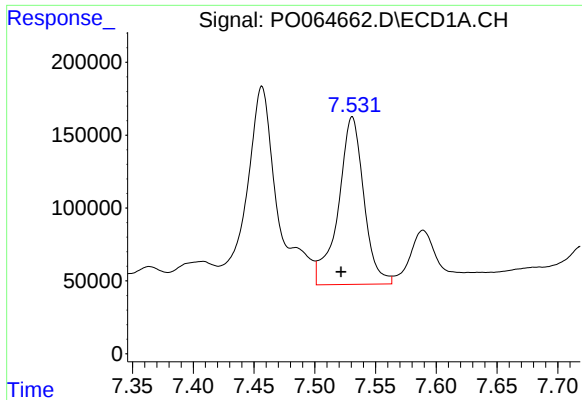
#35 AR-1260-5

R.T.: 8.061 min  
Delta R.T.: 0.011 min  
Response: 2748840  
Conc: 736.62 ng/ml



#35 AR-1260-5

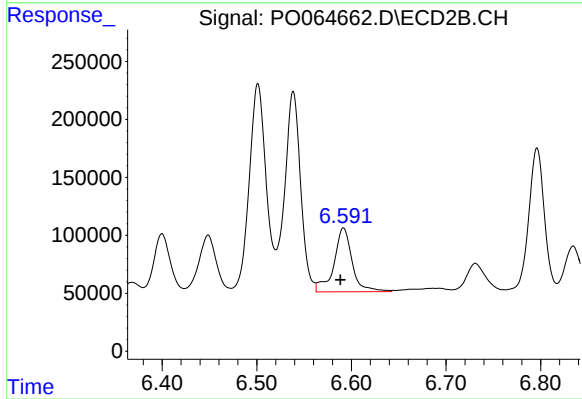
R.T.: 7.038 min  
Delta R.T.: 0.005 min  
Response: 3516819  
Conc: 749.85 ng/ml



#36 AR-1262-1

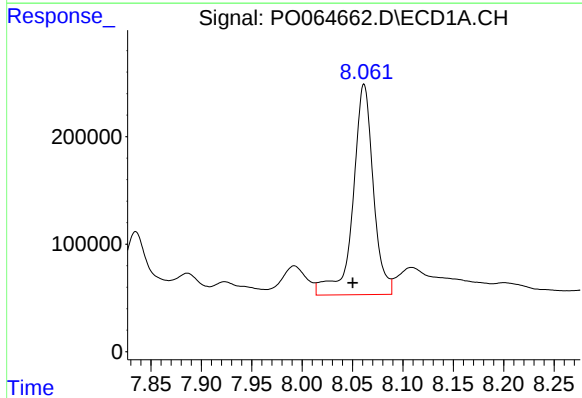
R.T.: 7.531 min  
Delta R.T.: 0.009 min  
Response: 1682591  
Conc: 731.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



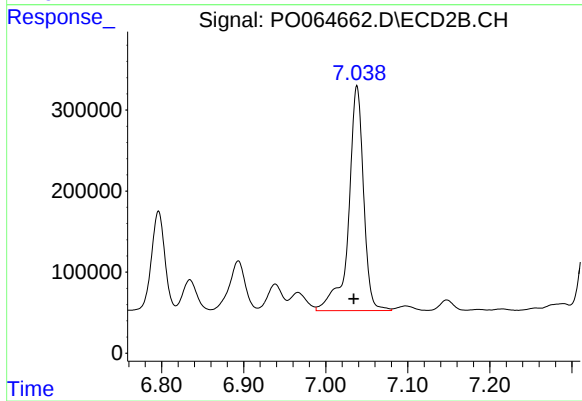
#36 AR-1262-1

R.T.: 6.592 min  
Delta R.T.: 0.003 min  
Response: 740716  
Conc: 645.64 ng/ml



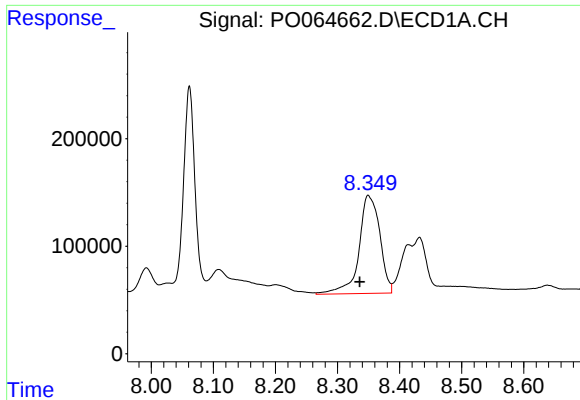
#37 AR-1262-2

R.T.: 8.061 min  
Delta R.T.: 0.011 min  
Response: 2748840  
Conc: 633.28 ng/ml



#37 AR-1262-2

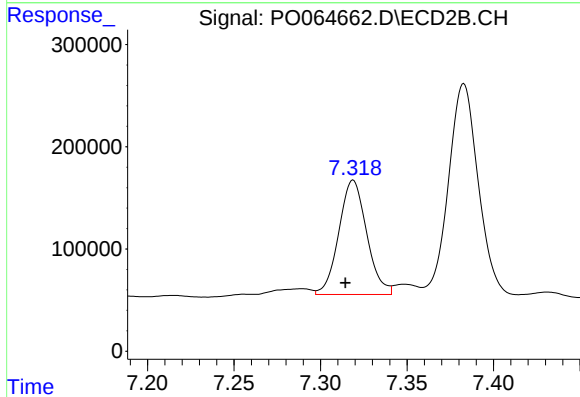
R.T.: 7.038 min  
Delta R.T.: 0.004 min  
Response: 3516819  
Conc: 643.60 ng/ml



#38 AR-1262-3

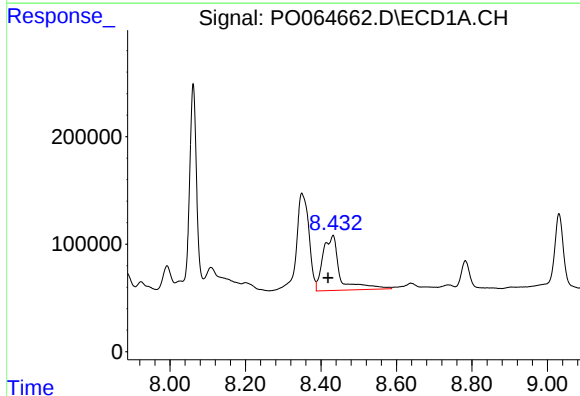
R.T.: 8.350 min  
Delta R.T.: 0.014 min  
Response: 2134025  
Conc: 733.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



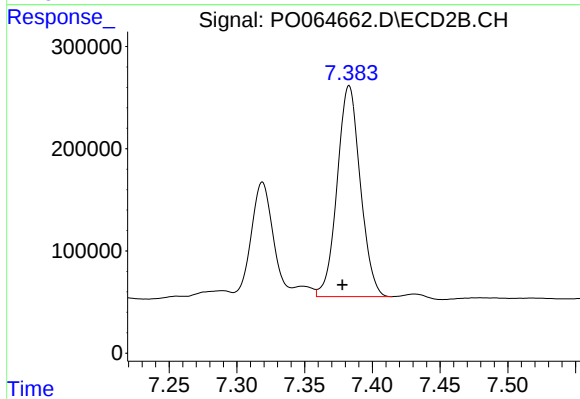
#38 AR-1262-3

R.T.: 7.319 min  
Delta R.T.: 0.004 min  
Response: 1250035  
Conc: 600.17 ng/ml



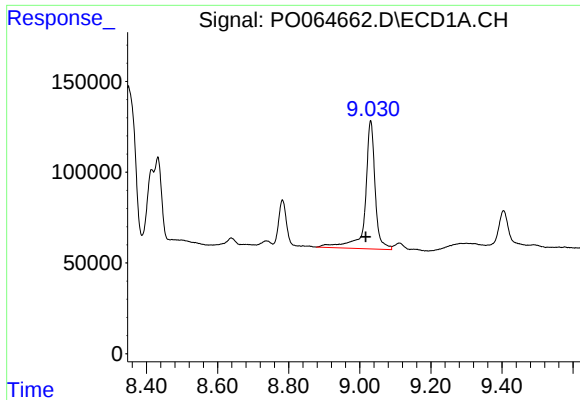
#39 AR-1262-4

R.T.: 8.432 min  
Delta R.T.: 0.013 min  
Response: 1595894  
Conc: 737.36 ng/ml



#39 AR-1262-4

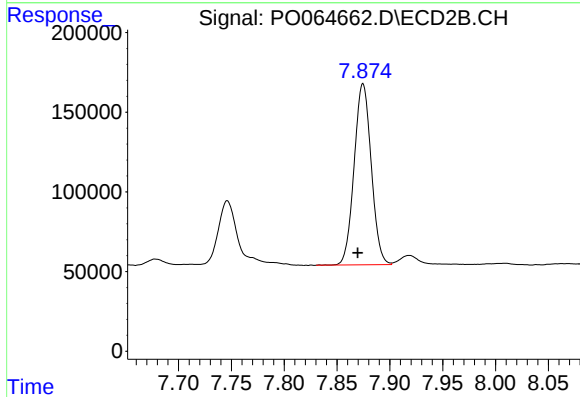
R.T.: 7.383 min  
Delta R.T.: 0.005 min  
Response: 2454963  
Conc: 616.66 ng/ml



#40 AR-1262-5

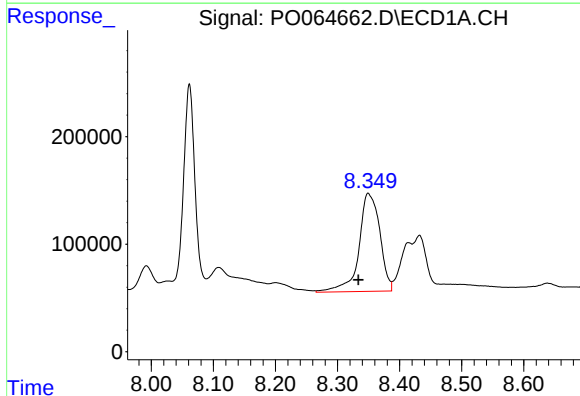
R.T.: 9.031 min  
Delta R.T.: 0.014 min  
Response: 1369451  
Conc: 933.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



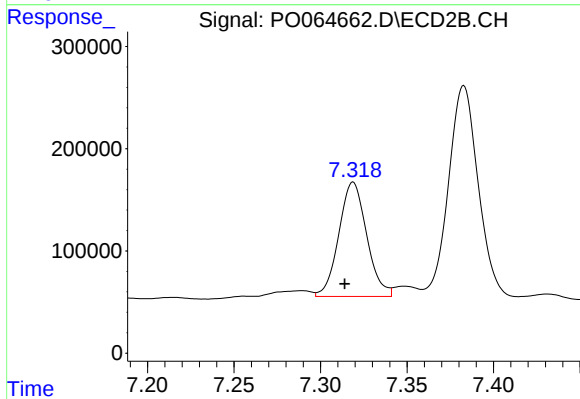
#40 AR-1262-5

R.T.: 7.875 min  
Delta R.T.: 0.005 min  
Response: 1279257  
Conc: 733.70 ng/ml



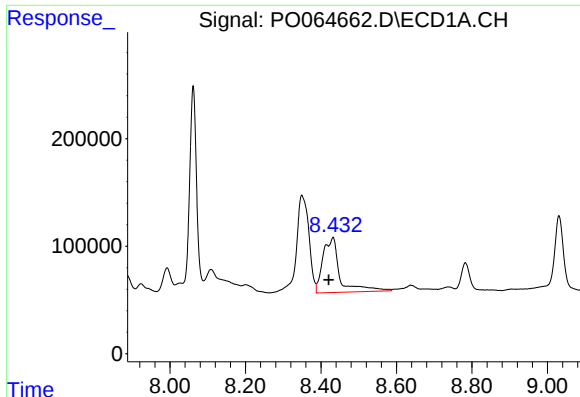
#41 AR-1268-1

R.T.: 8.350 min  
Delta R.T.: 0.017 min  
Response: 2134025  
Conc: 412.92 ng/ml



#41 AR-1268-1

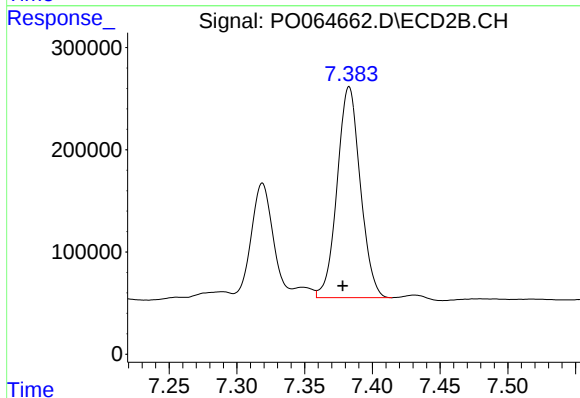
R.T.: 7.319 min  
Delta R.T.: 0.005 min  
Response: 1250035  
Conc: 195.49 ng/ml



#42 AR-1268-2

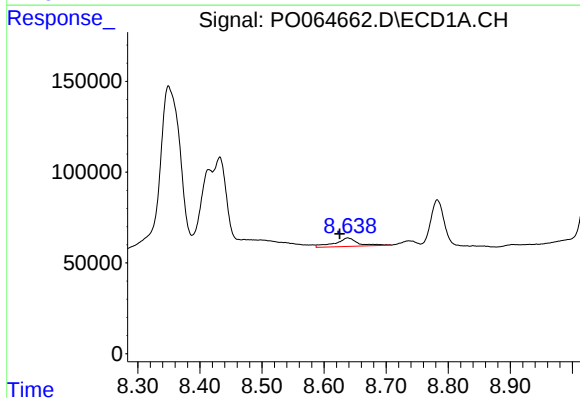
R.T.: 8.432 min  
Delta R.T.: 0.011 min  
Response: 1595894  
Conc: 339.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



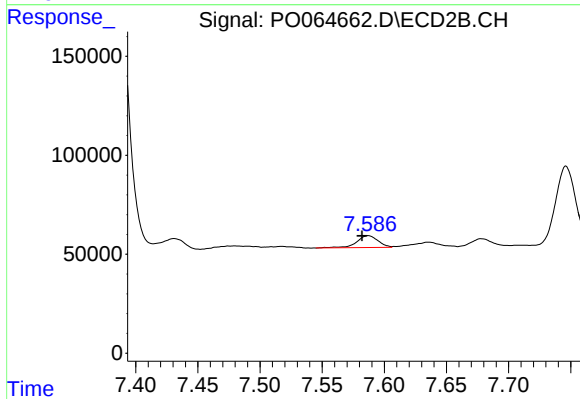
#42 AR-1268-2

R.T.: 7.383 min  
Delta R.T.: 0.005 min  
Response: 2454963  
Conc: 421.20 ng/ml



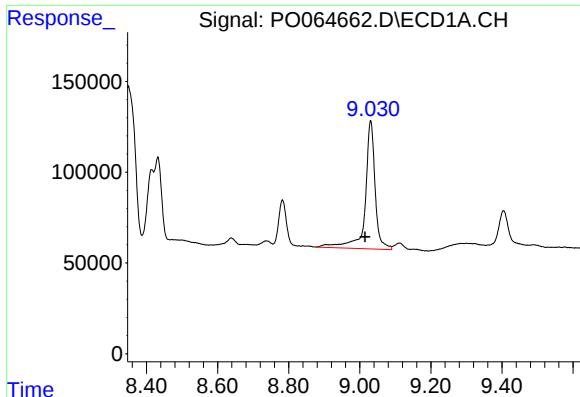
#43 AR-1268-3

R.T.: 8.638 min  
Delta R.T.: 0.013 min  
Response: 118777  
Conc: 30.81 ng/ml



#43 AR-1268-3

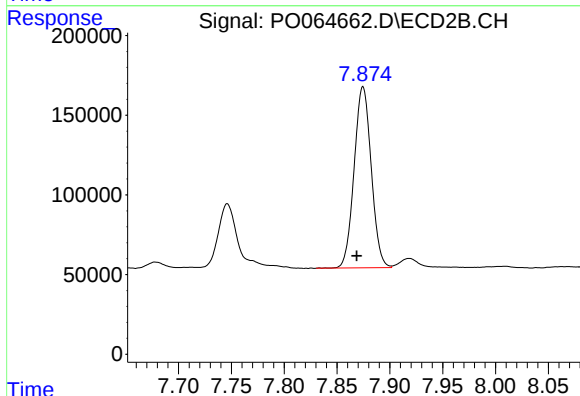
R.T.: 7.587 min  
Delta R.T.: 0.005 min  
Response: 71332  
Conc: 14.93 ng/ml



#44 AR-1268-4

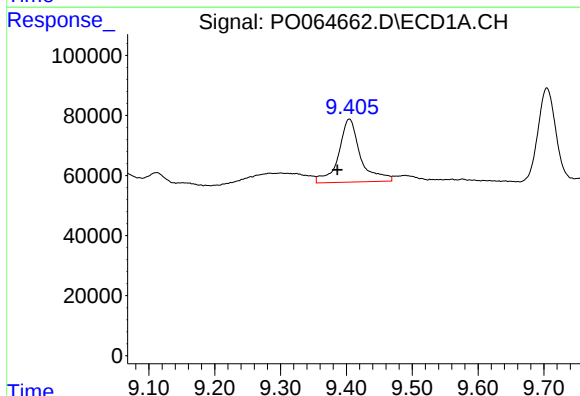
R.T.: 9.031 min  
Delta R.T.: 0.015 min  
Response: 1369451  
Conc: 814.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
3F



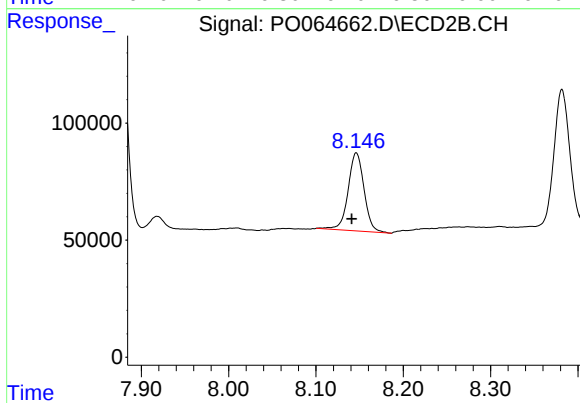
#44 AR-1268-4

R.T.: 7.875 min  
Delta R.T.: 0.006 min  
Response: 1279257  
Conc: 635.53 ng/ml



#45 AR-1268-5

R.T.: 9.404 min  
Delta R.T.: 0.018 min  
Response: 483351  
Conc: 40.73 ng/ml



#45 AR-1268-5

R.T.: 8.146 min  
Delta R.T.: 0.005 min  
Response: 422485  
Conc: 29.20 ng/ml