

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0012921\  
 Data File : P0075356.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Jan 2021 00:25  
 Operator : AJ/MA  
 Sample : M1247-12DL 10X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 03:24:21 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 29 09:09:46 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... | 4.922  | 3.995  | 229711   | 117314  | 2.270    | 2.440      |
| 2)                          | SA Decachlor... | 10.936 | 9.244  | 1663269  | 850285  | 17.239   | 17.517     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.272f | 0.000  | 17579    | 0       | 4.449    | N.D. #     |
| 4)                          | L1 AR-1016-2    | 6.272  | 0.000  | 17579    | 0       | 3.205    | N.D. #     |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.500  | 0        | 13946   | N.D.     | 11.632 #   |
| 7)                          | L1 AR-1016-5    | 6.761  | 0.000  | 14191    | 0       | 5.325    | N.D. #     |
| 10)                         | L2 AR-1221-3    | 5.364  | 0.000  | 8678     | 0       | 3.143    | N.D. #     |
| 11)                         | L3 AR-1232-1    | 5.364  | 0.000  | 8678     | 0       | 3.862    | N.D. #     |
| 13)                         | L3 AR-1232-3    | 6.272  | 0.000  | 17579    | 0       | 7.340    | N.D. #     |
| 15)                         | L3 AR-1232-5    | 6.541  | 0.000  | 27605    | 0       | 34.365   | N.D. #     |
| 16)                         | L4 AR-1242-1    | 6.272f | 0.000  | 17579    | 0       | 5.595    | N.D. #     |
| 17)                         | L4 AR-1242-2    | 6.272  | 0.000  | 17579    | 0       | 4.008    | N.D. #     |
| 20)                         | L4 AR-1242-5    | 7.228  | 6.103  | 43837    | 36003   | 17.653   | 23.919 #   |
| 21)                         | L5 AR-1248-1    | 6.272f | 0.000  | 17579    | 0       | 7.552    | N.D. #     |
| 22)                         | L5 AR-1248-2    | 6.541  | 5.500  | 27605    | 13946   | 8.997    | 8.455      |
| 23)                         | L5 AR-1248-3    | 6.761  | 0.000  | 14191    | 0       | 3.947    | N.D. #     |
| 24)                         | L5 AR-1248-4    | 7.189  | 0.000  | 38734    | 0       | 8.742    | N.D. #     |
| 25)                         | L5 AR-1248-5    | 7.228  | 0.000  | 43837    | 0       | 10.385   | N.D. #     |
| 26)                         | L6 AR-1254-1    | 7.159  | 6.103  | 77469    | 36003   | 17.975   | 11.624 #   |
| 27)                         | L6 AR-1254-2    | 7.388  | 6.261  | 119731   | 37018   | 17.759   | 13.785     |
| 28)                         | L6 AR-1254-3    | 7.774  | 6.696f | 103060   | 221626  | 14.945   | 51.976 #   |
| 29)                         | L6 AR-1254-4    | 8.069  | 6.915  | 105499   | 49610   | 17.451   | 17.021     |
| 30)                         | L6 AR-1254-5    | 8.479f | 7.342  | 632750   | 132678  | 113.196  | 34.185 #   |
| 31)                         | L7 AR-1260-1    | 7.939  | 6.813  | 297267   | 202757  | 64.434   | 74.688     |
| 32)                         | L7 AR-1260-2    | 8.205  | 7.011  | 949813   | 472198  | 147.155  | 142.341    |
| 33)                         | L7 AR-1260-3    | 8.572  | 7.166  | 7025342  | 568343  | 1287.457 | 191.231 #  |
| 34)                         | L7 AR-1260-4    | 8.818  | 7.640  | 4341515  | 2079469 | 844.571  | 799.356    |
| 35)                         | L7 AR-1260-5    | 9.129  | 7.889  | 8048872  | 3872875 | 682.037  | 611.989    |
| 36)                         | L8 AR-1262-1    | 8.572  | 7.342  | 7025342  | 132678  | 805.060  | 60.827 #   |
| 37)                         | L8 AR-1262-2    | 9.129  | 7.889  | 8048872  | 3872875 | 532.263  | 505.004    |
| 38)                         | L8 AR-1262-3    | 9.438  | 8.173  | 16875173 | 7804243 | 1615.338 | 2358.258 # |
| 39)                         | L8 AR-1262-4    | 9.533  | 8.238  | 17061327 | 8372405 | 2308.350 | 1458.144 # |
| 40)                         | L8 AR-1262-5    | 10.196 | 8.730  | 10776715 | 5146238 | 2078.077 | 1870.780   |
| 41)                         | L9 AR-1268-1    | 9.438  | 8.173  | 16875173 | 7804243 | 895.862  | 836.472    |
| 42)                         | L9 AR-1268-2    | 9.533  | 8.238  | 17061327 | 8372405 | 1075.929 | 999.404    |
| 43)                         | L9 AR-1268-3    | 9.757  | 8.442  | 4224292  | 2079603 | 303.967  | 287.251    |
| 44)                         | L9 AR-1268-4    | 10.196 | 8.730  | 10776715 | 5146238 | 1829.391 | 1633.430   |
| 45)                         | L9 AR-1268-5    | 10.604 | 9.007  | 19650045 | 9544629 | 470.521  | 449.879    |
| -----                       |                 |        |        |          |         |          |            |

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

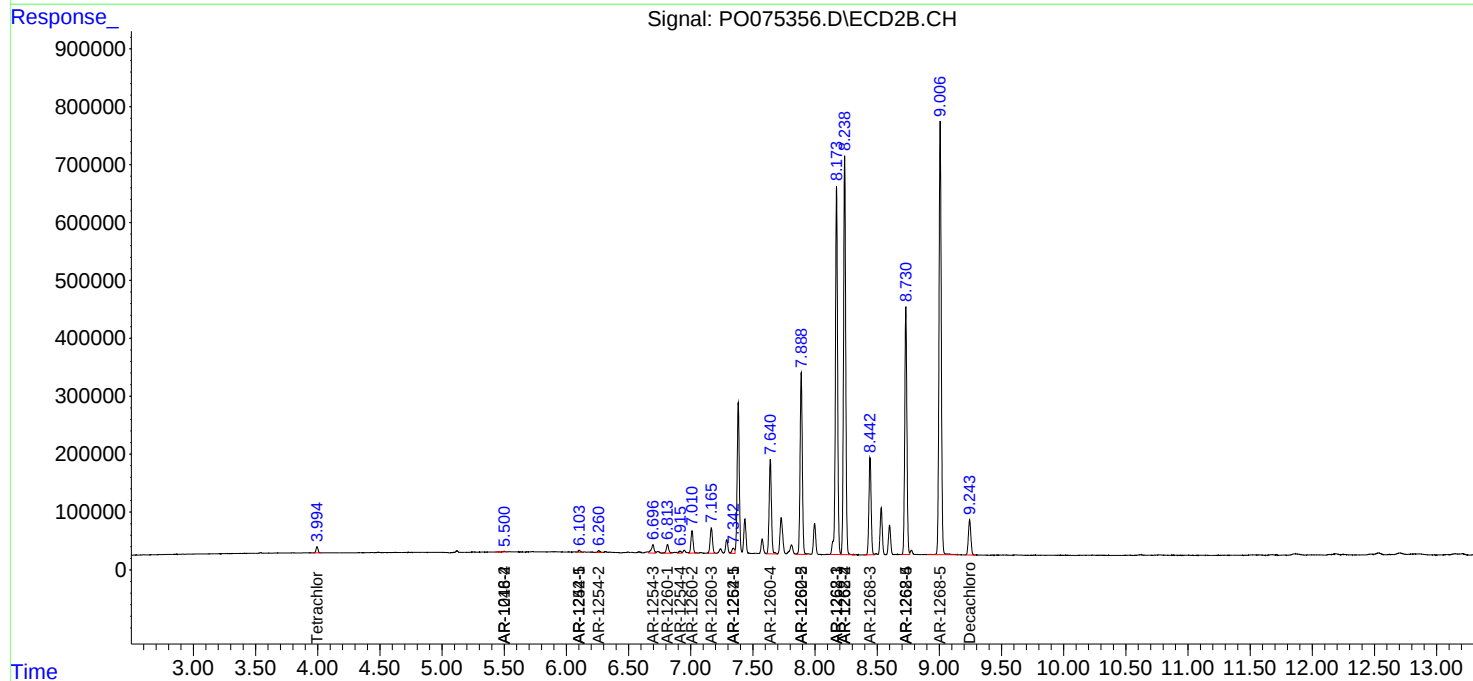
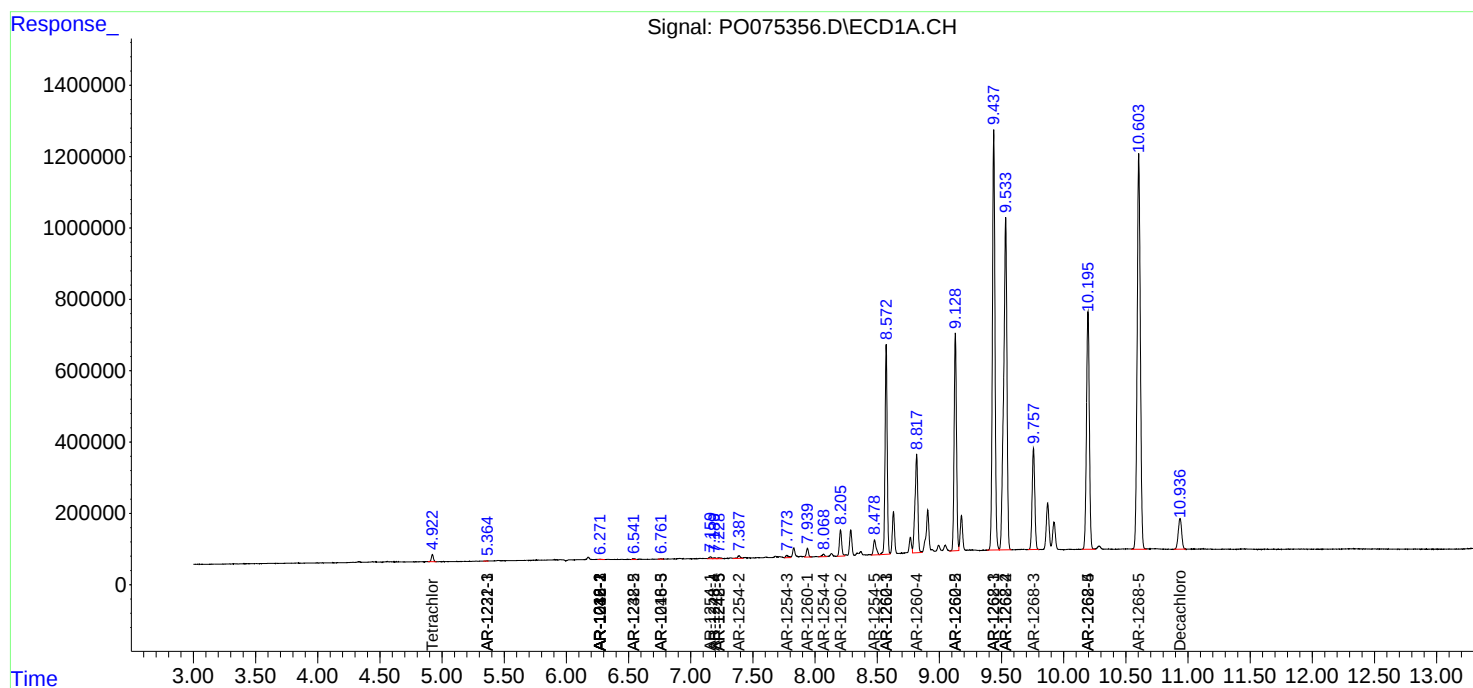
Instrument :  
ECD\_O  
ClientSampleId :

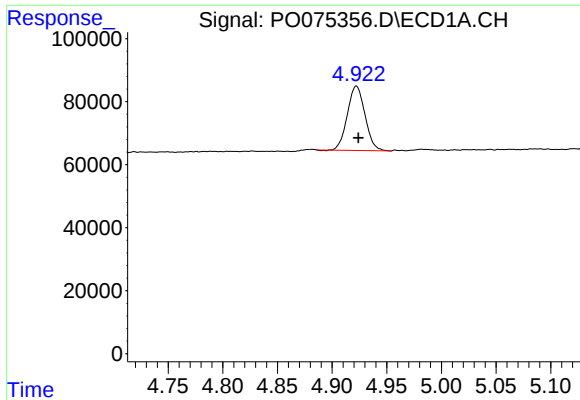
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0012921\  
Data File : P0075356.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Jan 2021 00:25  
Operator : AJ/MA  
Sample : M1247-12DL 10X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 03:24:21 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jan 29 09:09:46 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

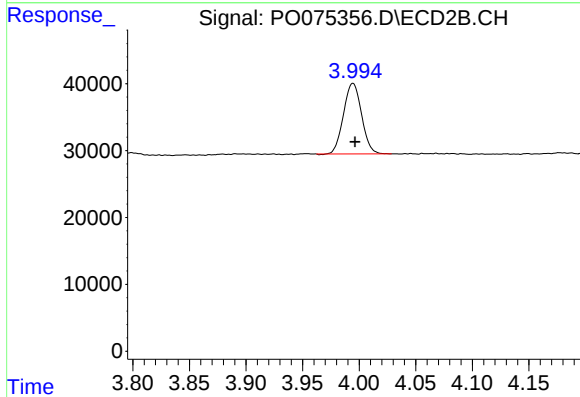




#1 Tetrachloro-m-xylene

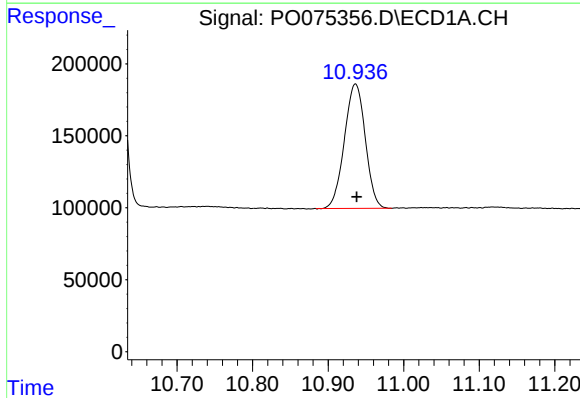
R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 229711  
Conc: 2.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



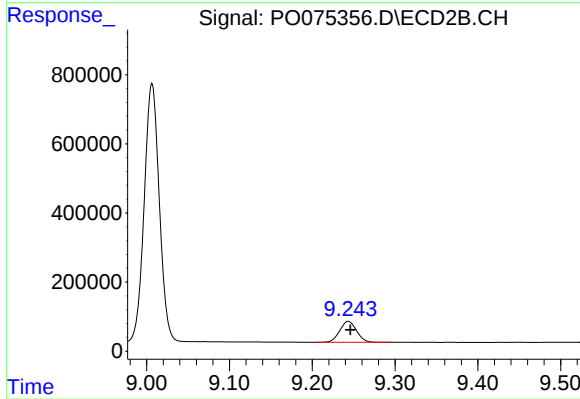
#1 Tetrachloro-m-xylene

R.T.: 3.995 min  
Delta R.T.: -0.002 min  
Response: 117314  
Conc: 2.44 ng/ml



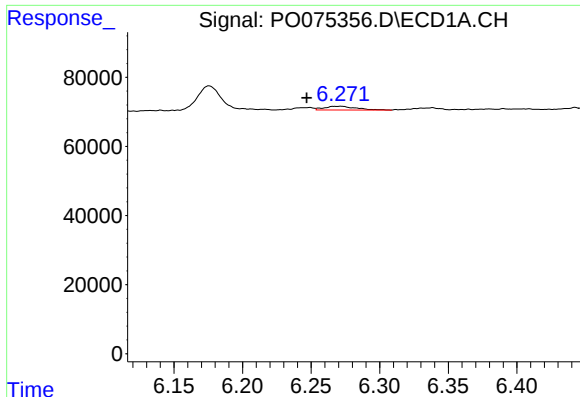
#2 Decachlorobiphenyl

R.T.: 10.936 min  
Delta R.T.: -0.002 min  
Response: 1663269  
Conc: 17.24 ng/ml



#2 Decachlorobiphenyl

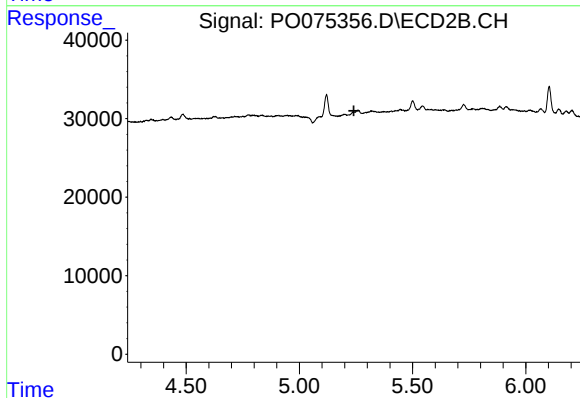
R.T.: 9.244 min  
Delta R.T.: -0.003 min  
Response: 850285  
Conc: 17.52 ng/ml



#3 AR-1016-1

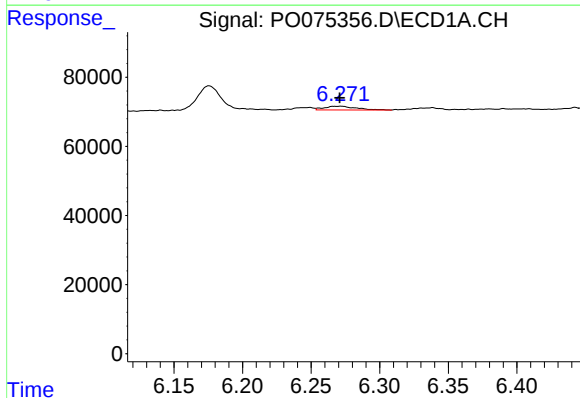
R.T.: 6.272 min  
Delta R.T.: 0.025 min  
Response: 17579  
Conc: 4.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



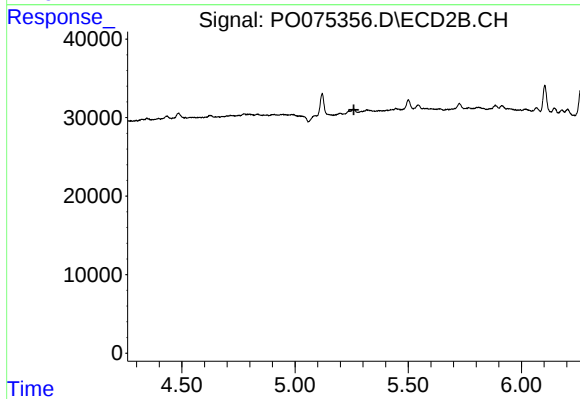
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.240 min  
Response: 0  
Conc: N.D.



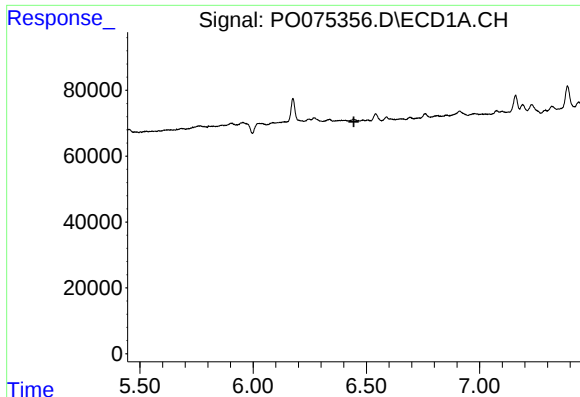
#4 AR-1016-2

R.T.: 6.272 min  
Delta R.T.: 0.001 min  
Response: 17579  
Conc: 3.21 ng/ml



#4 AR-1016-2

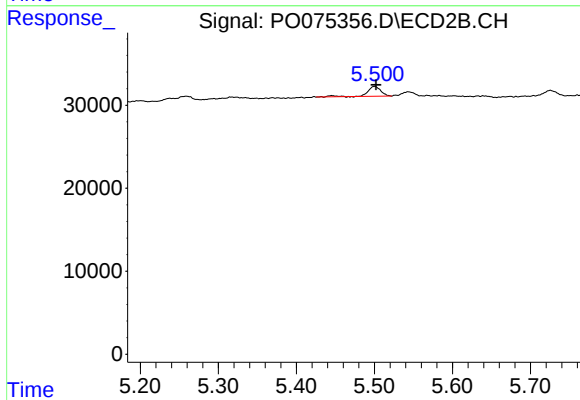
R.T.: 0.000 min  
Exp R.T. : 5.260 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

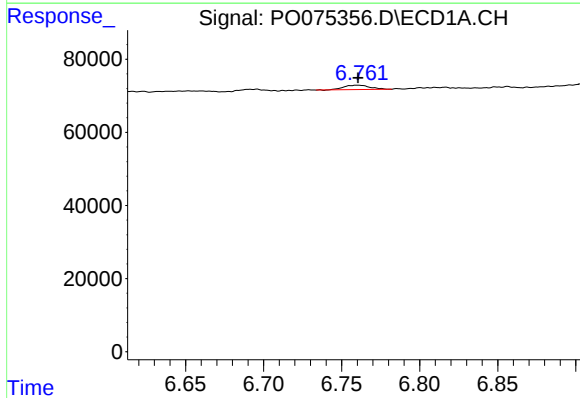
R.T.: 0.000 min  
Exp R.T.: 6.445 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



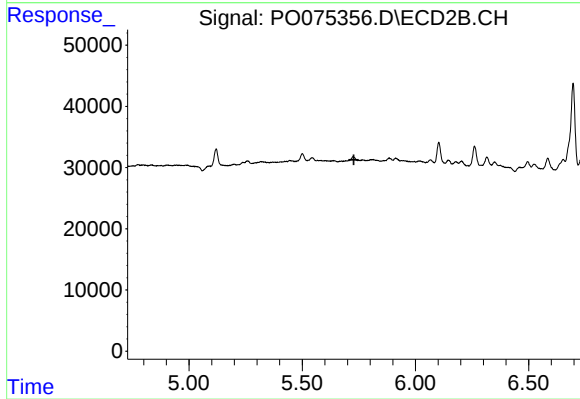
#6 AR-1016-4

R.T.: 5.500 min  
Delta R.T.: -0.002 min  
Response: 13946  
Conc: 11.63 ng/ml



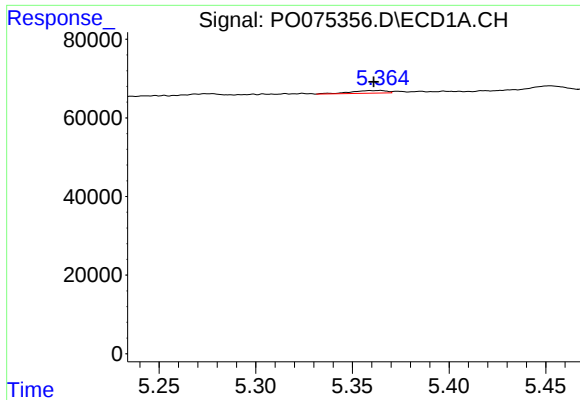
#7 AR-1016-5

R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 14191  
Conc: 5.32 ng/ml



#7 AR-1016-5

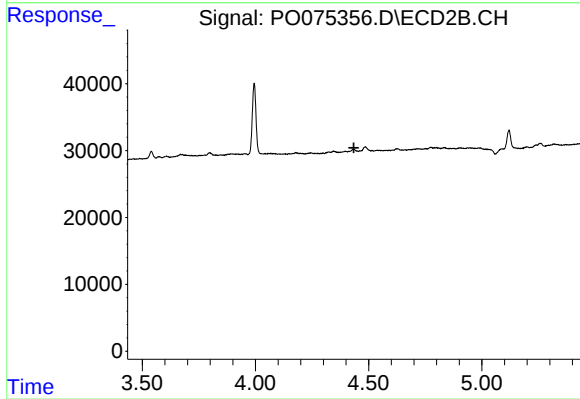
R.T.: 0.000 min  
Exp R.T.: 5.728 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

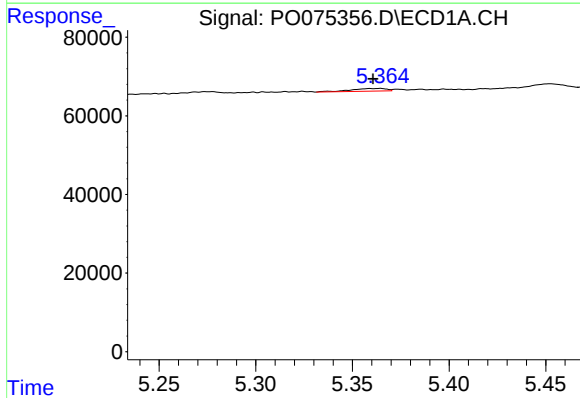
R.T.: 5.364 min  
Delta R.T.: 0.003 min  
Response: 8678  
Conc: 3.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



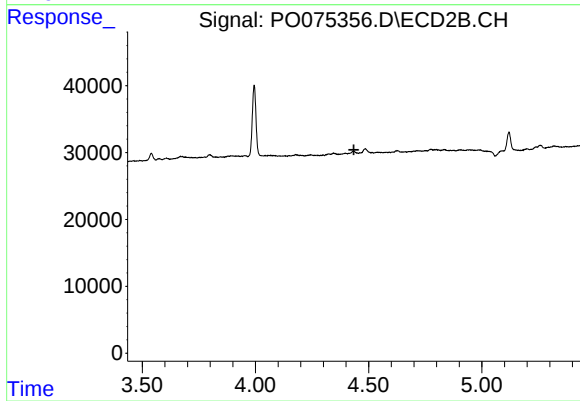
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.435 min  
Response: 0  
Conc: N.D.



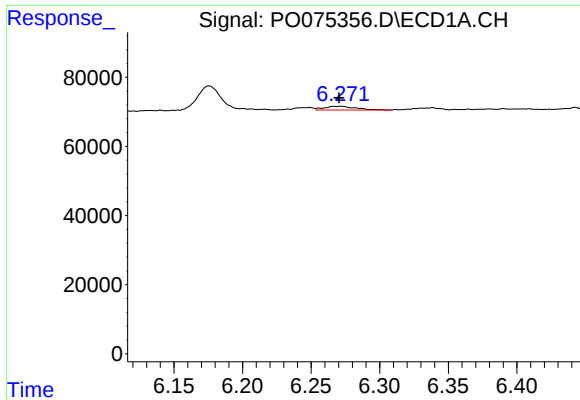
#11 AR-1232-1

R.T.: 5.364 min  
Delta R.T.: 0.004 min  
Response: 8678  
Conc: 3.86 ng/ml



#11 AR-1232-1

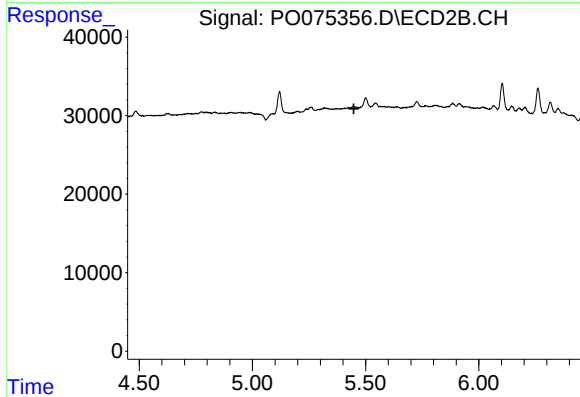
R.T.: 0.000 min  
Exp R.T. : 4.435 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

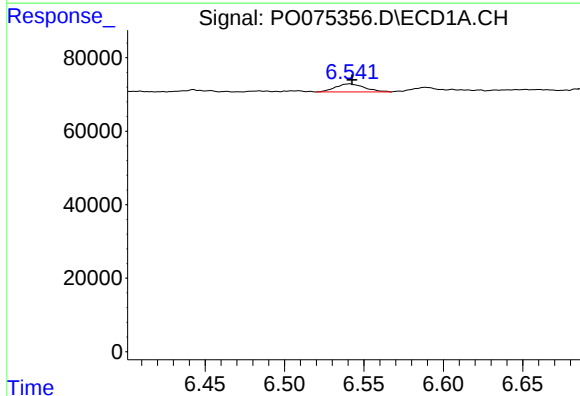
R.T.: 6.272 min  
Delta R.T.: 0.002 min  
Response: 17579  
Conc: 7.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



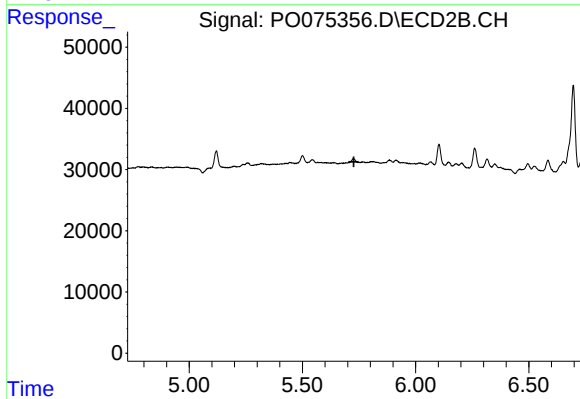
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.449 min  
Response: 0  
Conc: N.D.



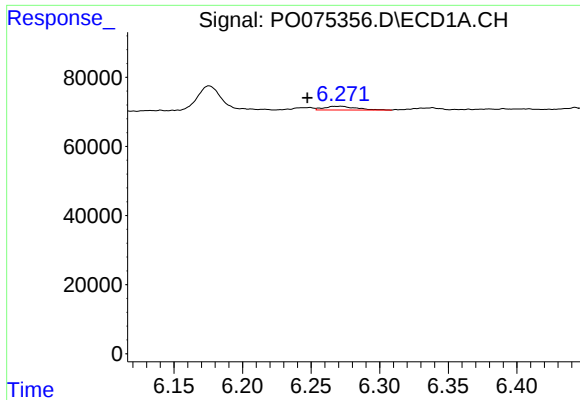
#15 AR-1232-5

R.T.: 6.541 min  
Delta R.T.: -0.001 min  
Response: 27605  
Conc: 34.36 ng/ml



#15 AR-1232-5

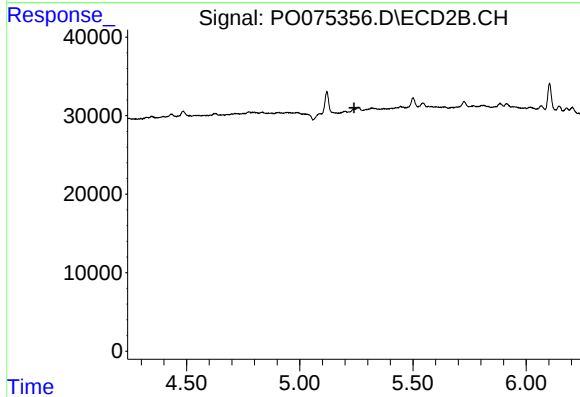
R.T.: 0.000 min  
Exp R.T. : 5.728 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

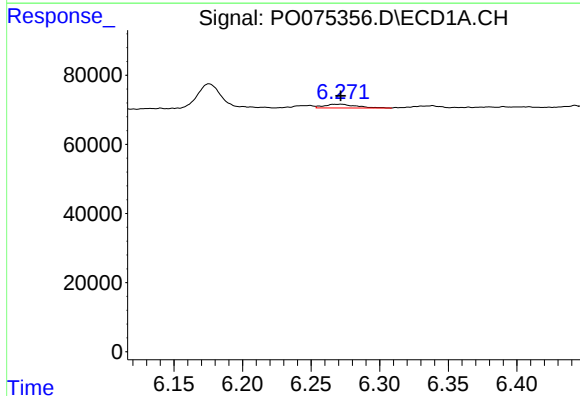
R.T.: 6.272 min  
Delta R.T.: 0.025 min  
Response: 17579  
Conc: 5.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



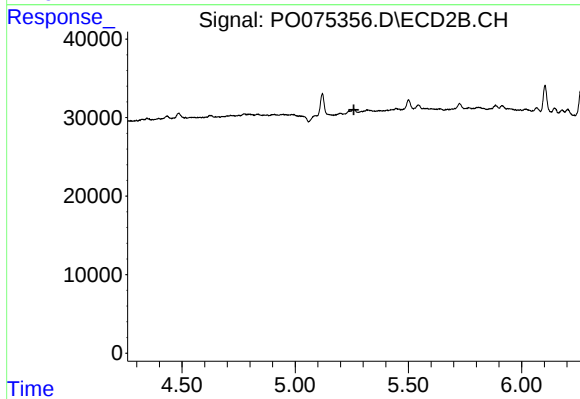
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.239 min  
Response: 0  
Conc: N.D.



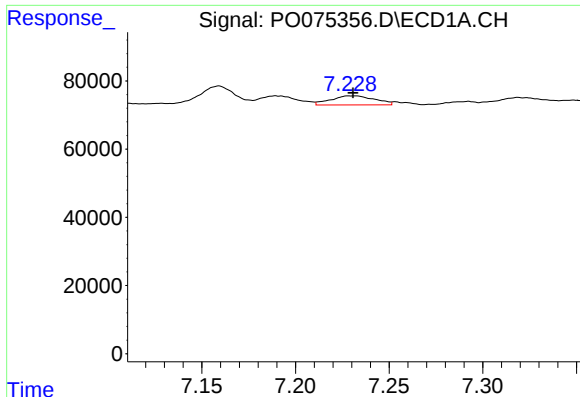
#17 AR-1242-2

R.T.: 6.272 min  
Delta R.T.: 0.000 min  
Response: 17579  
Conc: 4.01 ng/ml



#17 AR-1242-2

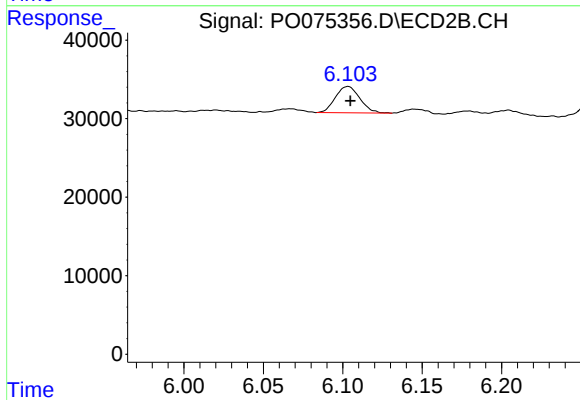
R.T.: 0.000 min  
Exp R.T. : 5.259 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

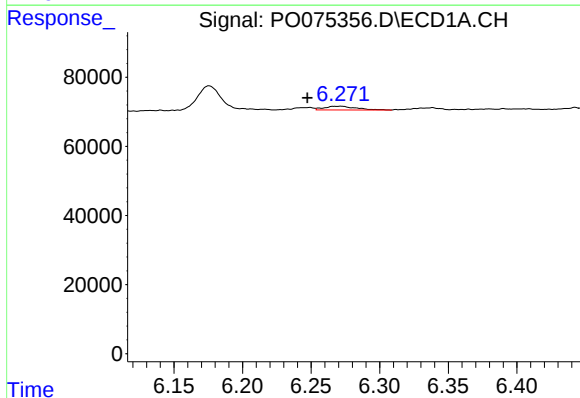
R.T.: 7.228 min  
Delta R.T.: -0.002 min  
Response: 43837  
Conc: 17.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



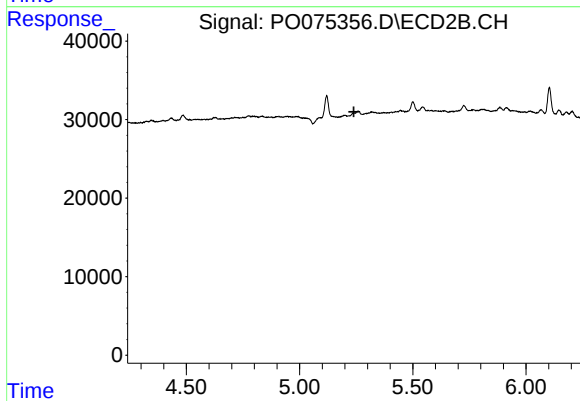
#20 AR-1242-5

R.T.: 6.103 min  
Delta R.T.: -0.002 min  
Response: 36003  
Conc: 23.92 ng/ml



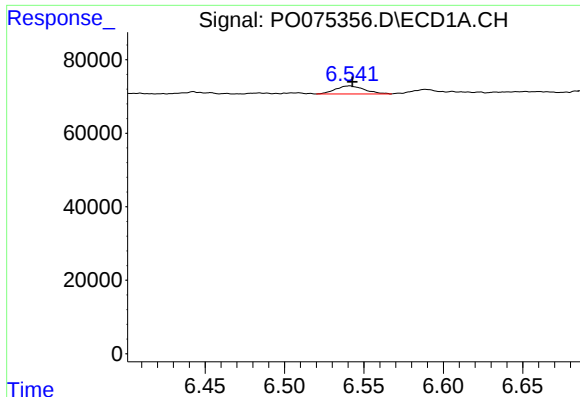
#21 AR-1248-1

R.T.: 6.272 min  
Delta R.T.: 0.025 min  
Response: 17579  
Conc: 7.55 ng/ml



#21 AR-1248-1

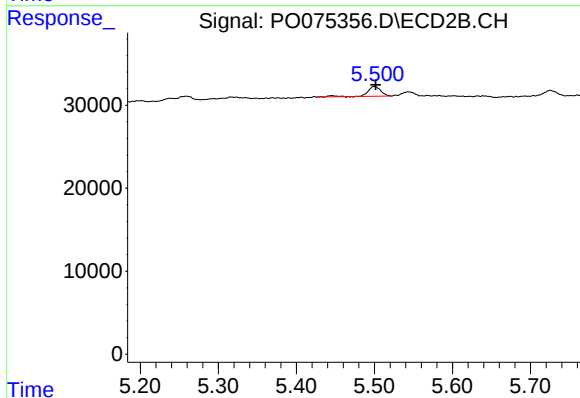
R.T.: 0.000 min  
Exp R.T.: 5.240 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

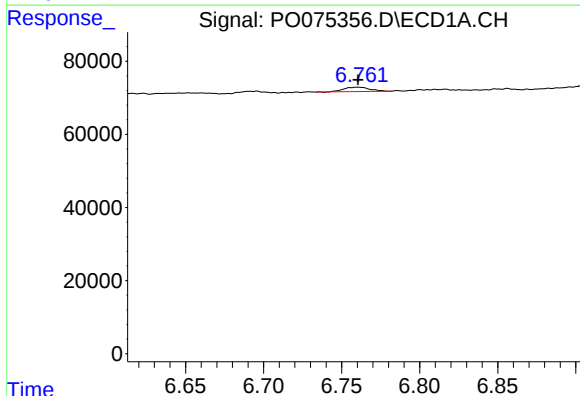
R.T.: 6.541 min  
Delta R.T.: -0.001 min  
Response: 27605  
Conc: 9.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



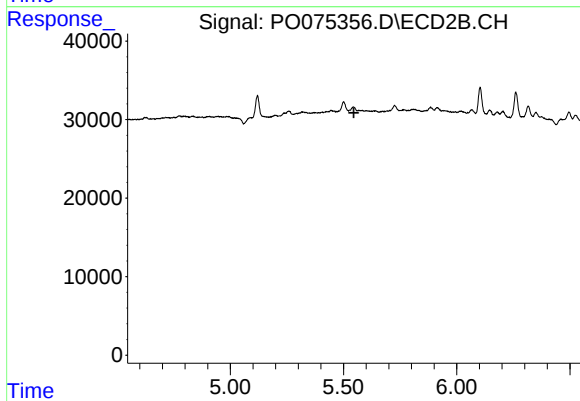
#22 AR-1248-2

R.T.: 5.500 min  
Delta R.T.: -0.001 min  
Response: 13946  
Conc: 8.46 ng/ml



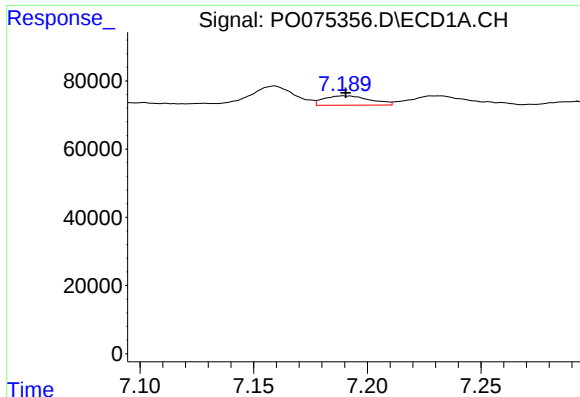
#23 AR-1248-3

R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 14191  
Conc: 3.95 ng/ml



#23 AR-1248-3

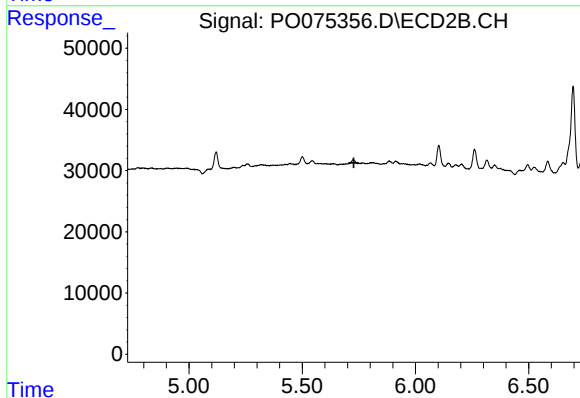
R.T.: 0.000 min  
Exp R.T.: 5.546 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

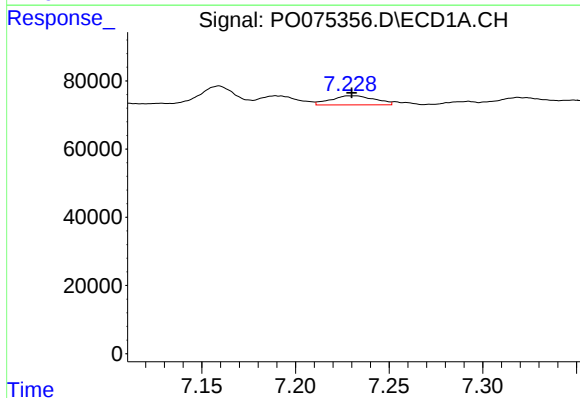
R.T.: 7.189 min  
Delta R.T.: -0.001 min  
Response: 38734  
Conc: 8.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



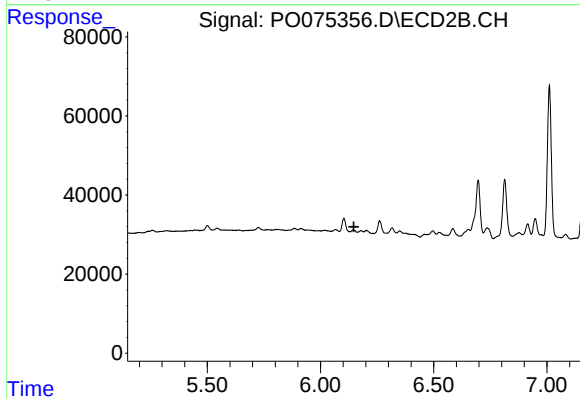
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.728 min  
Response: 0  
Conc: N.D.



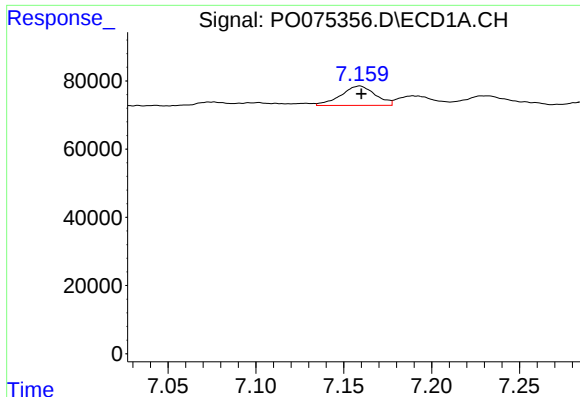
#25 AR-1248-5

R.T.: 7.228 min  
Delta R.T.: -0.002 min  
Response: 43837  
Conc: 10.38 ng/ml



#25 AR-1248-5

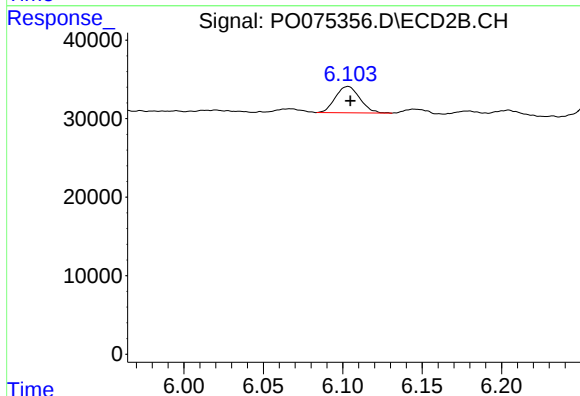
R.T.: 0.000 min  
Exp R.T. : 6.148 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

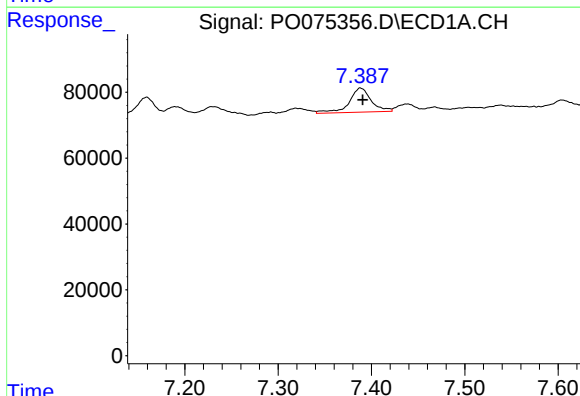
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 77469  
Conc: 17.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



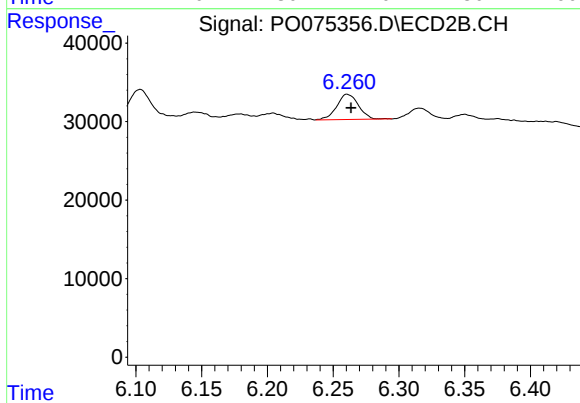
#26 AR-1254-1

R.T.: 6.103 min  
Delta R.T.: -0.002 min  
Response: 36003  
Conc: 11.62 ng/ml



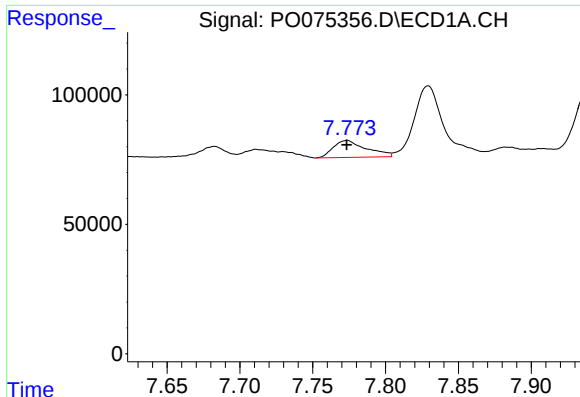
#27 AR-1254-2

R.T.: 7.388 min  
Delta R.T.: -0.003 min  
Response: 119731  
Conc: 17.76 ng/ml



#27 AR-1254-2

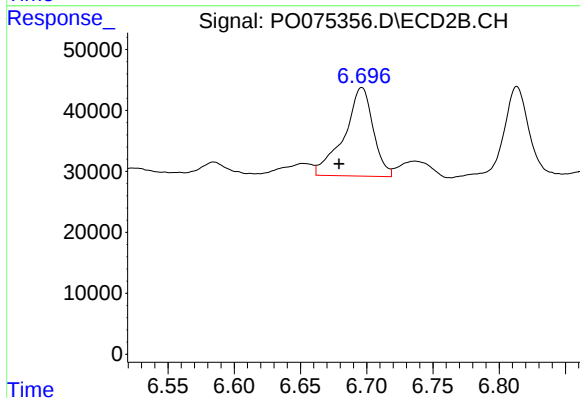
R.T.: 6.261 min  
Delta R.T.: -0.003 min  
Response: 37018  
Conc: 13.79 ng/ml



#28 AR-1254-3

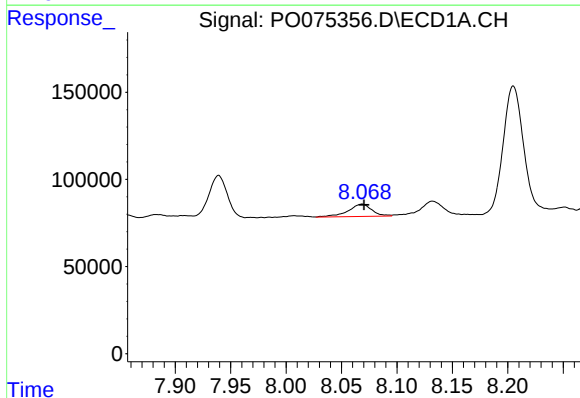
R.T.: 7.774 min  
Delta R.T.: 0.000 min  
Response: 103060  
Conc: 14.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



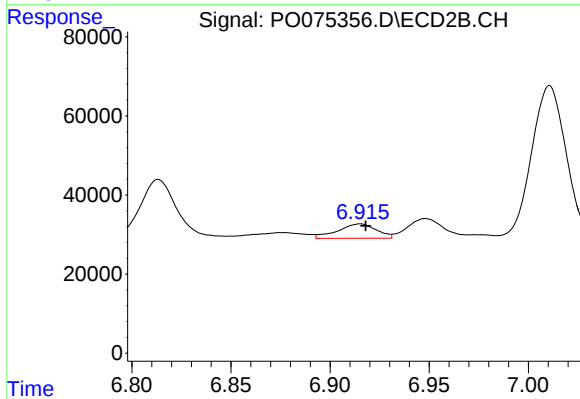
#28 AR-1254-3

R.T.: 6.696 min  
Delta R.T.: 0.017 min  
Response: 221626  
Conc: 51.98 ng/ml



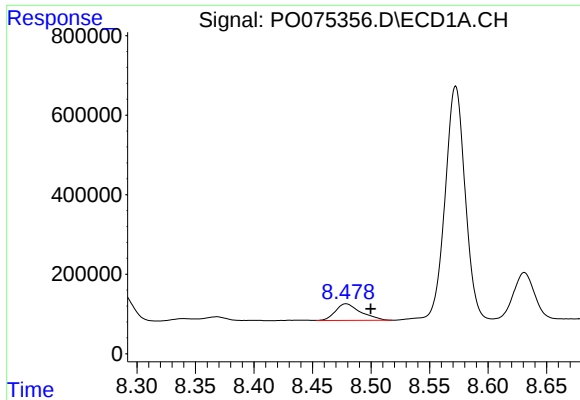
#29 AR-1254-4

R.T.: 8.069 min  
Delta R.T.: -0.002 min  
Response: 105499  
Conc: 17.45 ng/ml



#29 AR-1254-4

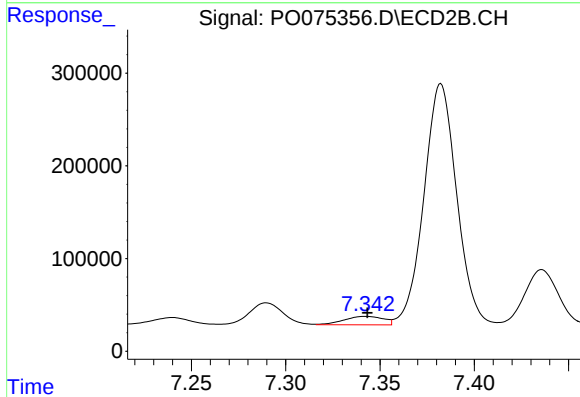
R.T.: 6.915 min  
Delta R.T.: -0.003 min  
Response: 49610  
Conc: 17.02 ng/ml



#30 AR-1254-5

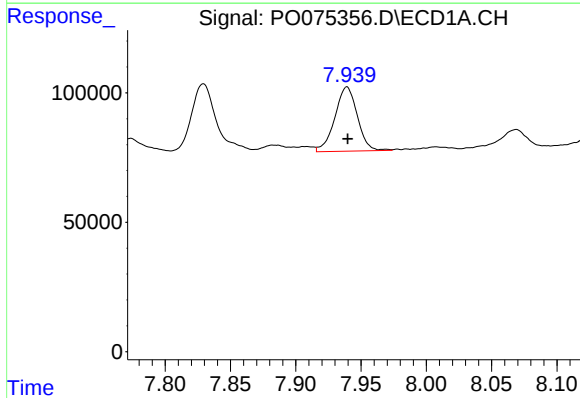
R.T.: 8.479 min  
Delta R.T.: -0.021 min  
Response: 632750  
Conc: 113.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



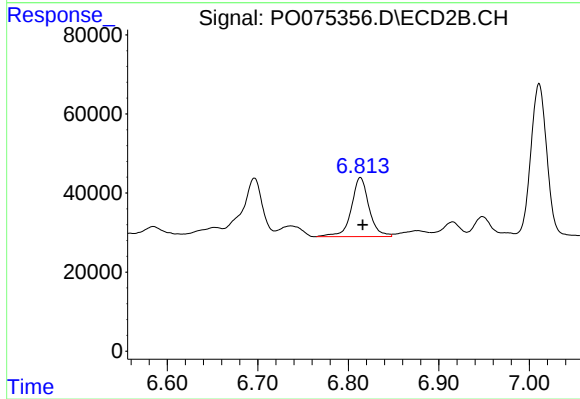
#30 AR-1254-5

R.T.: 7.342 min  
Delta R.T.: 0.000 min  
Response: 132678  
Conc: 34.19 ng/ml



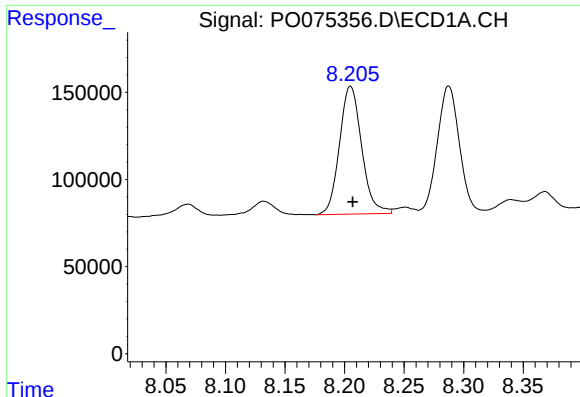
#31 AR-1260-1

R.T.: 7.939 min  
Delta R.T.: 0.000 min  
Response: 297267  
Conc: 64.43 ng/ml



#31 AR-1260-1

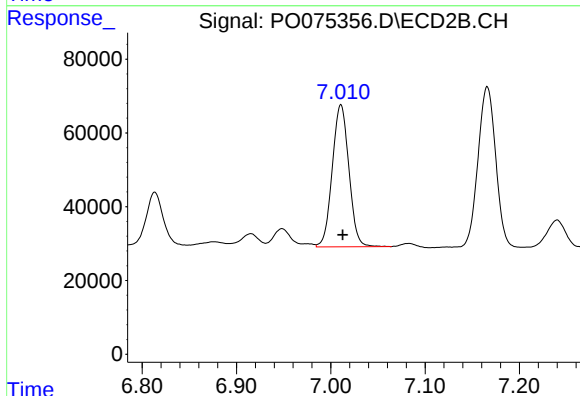
R.T.: 6.813 min  
Delta R.T.: -0.003 min  
Response: 202757  
Conc: 74.69 ng/ml



#32 AR-1260-2

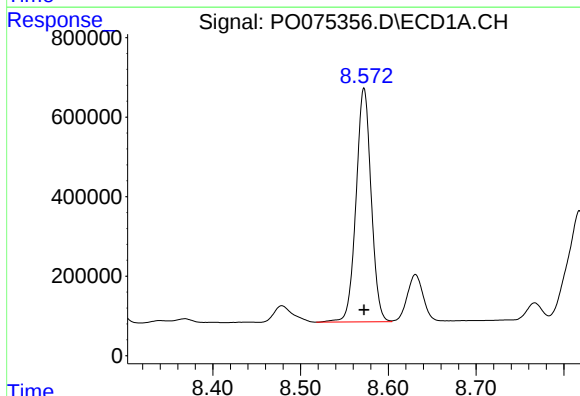
R.T.: 8.205 min  
Delta R.T.: -0.002 min  
Response: 949813  
Conc: 147.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



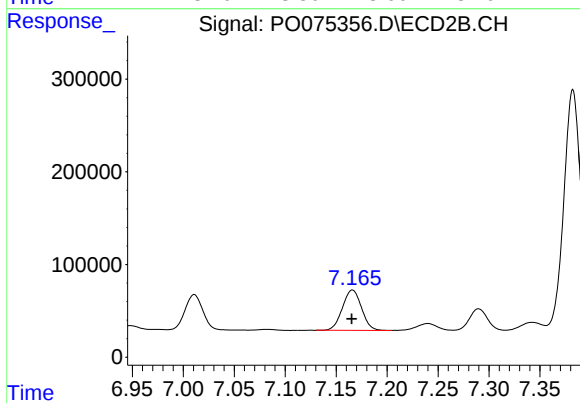
#32 AR-1260-2

R.T.: 7.011 min  
Delta R.T.: -0.002 min  
Response: 472198  
Conc: 142.34 ng/ml



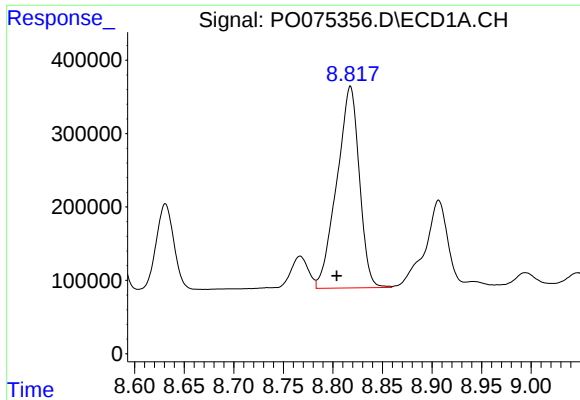
#33 AR-1260-3

R.T.: 8.572 min  
Delta R.T.: 0.000 min  
Response: 7025342  
Conc: 1287.46 ng/ml



#33 AR-1260-3

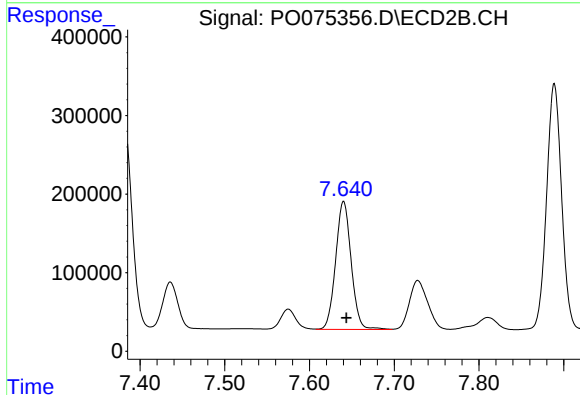
R.T.: 7.166 min  
Delta R.T.: 0.000 min  
Response: 568343  
Conc: 191.23 ng/ml



#34 AR-1260-4

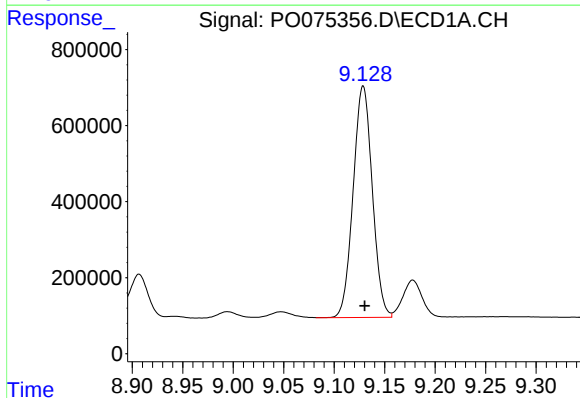
R.T.: 8.818 min  
Delta R.T.: 0.014 min  
Response: 4341515  
Conc: 844.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



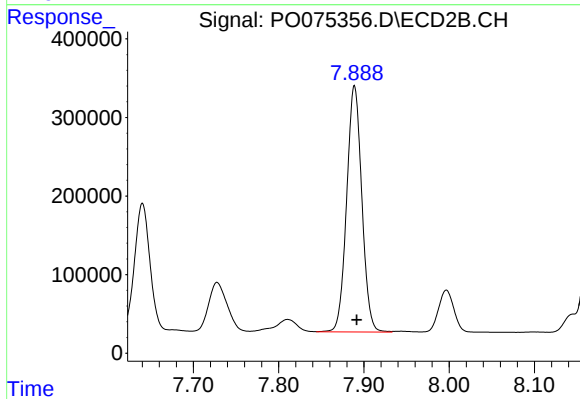
#34 AR-1260-4

R.T.: 7.640 min  
Delta R.T.: -0.004 min  
Response: 2079469  
Conc: 799.36 ng/ml



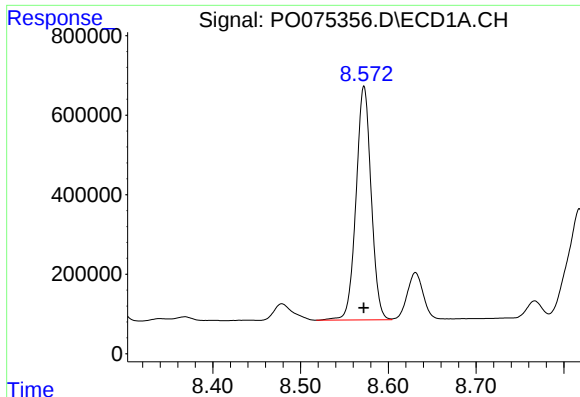
#35 AR-1260-5

R.T.: 9.129 min  
Delta R.T.: -0.001 min  
Response: 8048872  
Conc: 682.04 ng/ml



#35 AR-1260-5

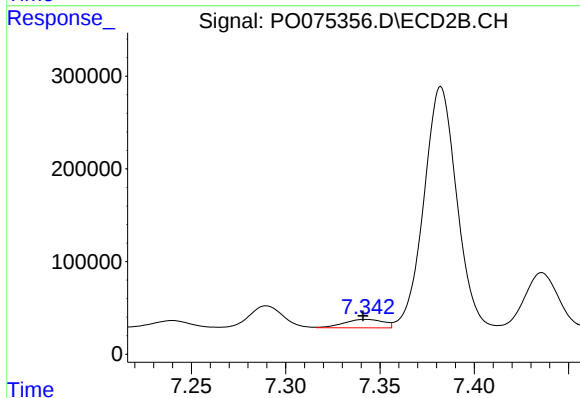
R.T.: 7.889 min  
Delta R.T.: -0.003 min  
Response: 3872875  
Conc: 611.99 ng/ml



#36 AR-1262-1

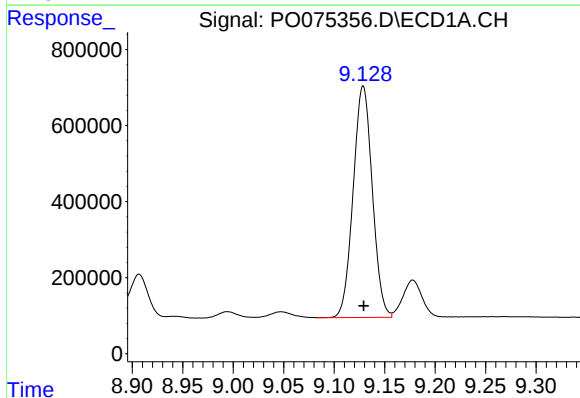
R.T.: 8.572 min  
Delta R.T.: 0.000 min  
Response: 7025342  
Conc: 805.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



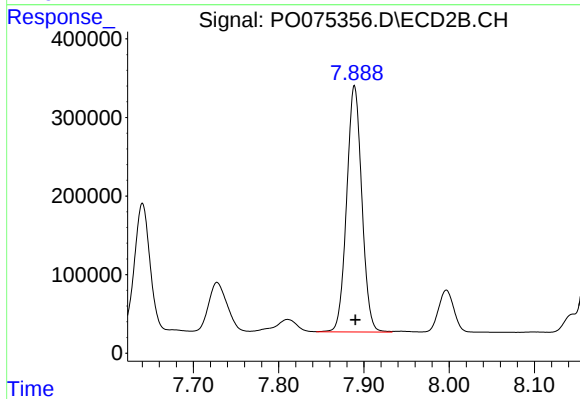
#36 AR-1262-1

R.T.: 7.342 min  
Delta R.T.: 0.001 min  
Response: 132678  
Conc: 60.83 ng/ml



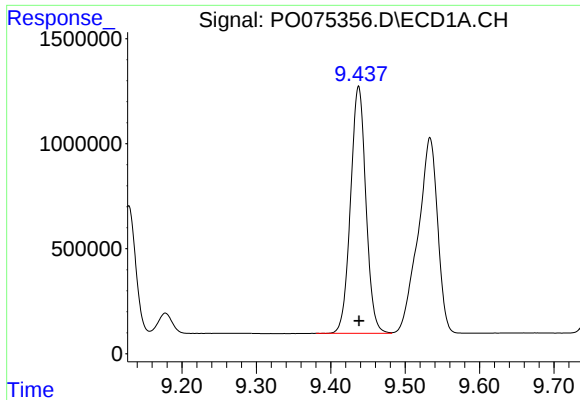
#37 AR-1262-2

R.T.: 9.129 min  
Delta R.T.: 0.000 min  
Response: 8048872  
Conc: 532.26 ng/ml



#37 AR-1262-2

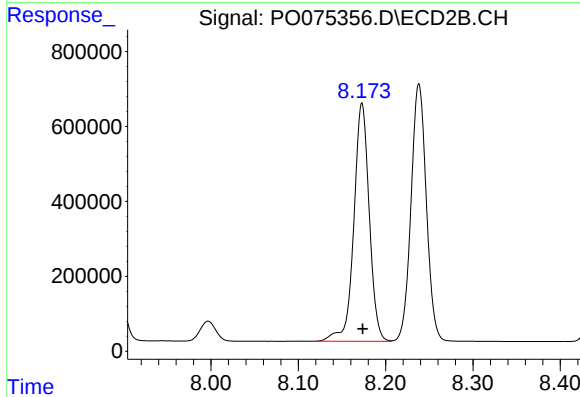
R.T.: 7.889 min  
Delta R.T.: 0.000 min  
Response: 3872875  
Conc: 505.00 ng/ml



#38 AR-1262-3

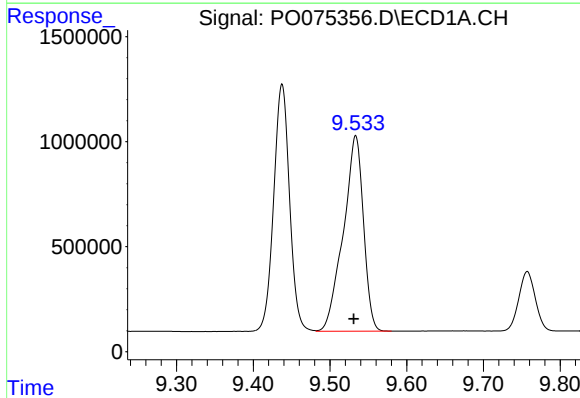
R.T.: 9.438 min  
Delta R.T.: 0.000 min  
Response: 16875173  
Conc: 1615.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



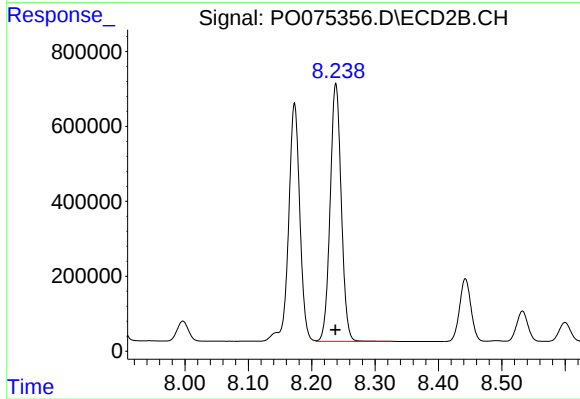
#38 AR-1262-3

R.T.: 8.173 min  
Delta R.T.: 0.000 min  
Response: 7804243  
Conc: 2358.26 ng/ml



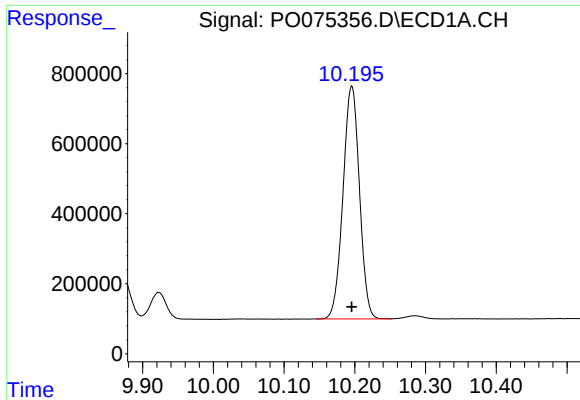
#39 AR-1262-4

R.T.: 9.533 min  
Delta R.T.: 0.002 min  
Response: 17061327  
Conc: 2308.35 ng/ml



#39 AR-1262-4

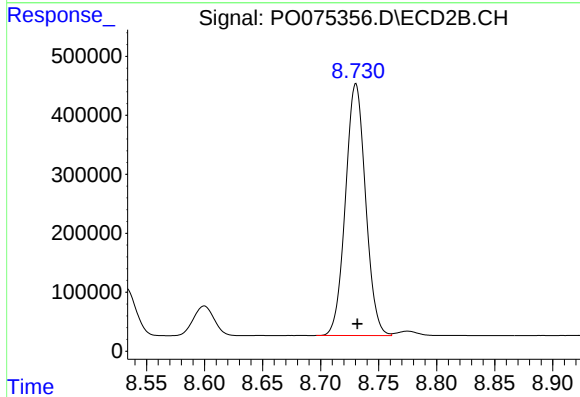
R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 8372405  
Conc: 1458.14 ng/ml



#40 AR-1262-5

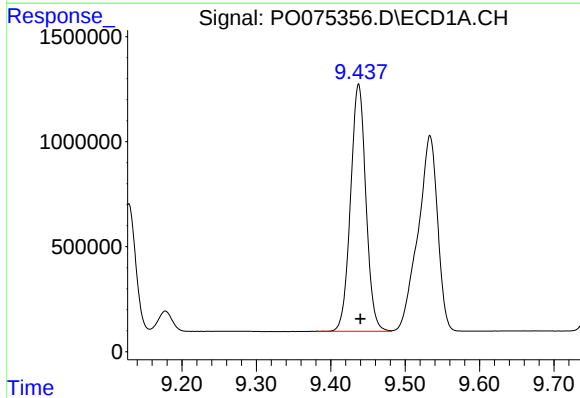
R.T.: 10.196 min  
Delta R.T.: 0.000 min  
Response: 10776715  
Conc: 2078.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



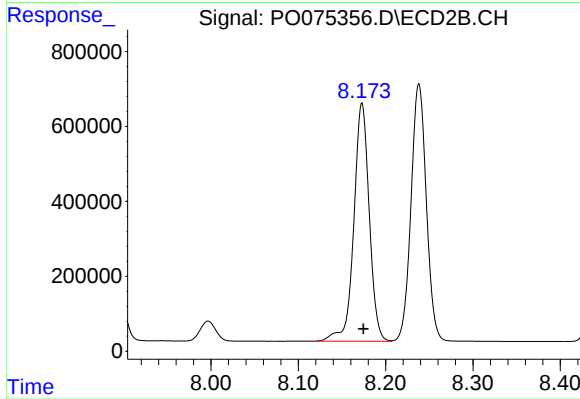
#40 AR-1262-5

R.T.: 8.730 min  
Delta R.T.: -0.001 min  
Response: 5146238  
Conc: 1870.78 ng/ml



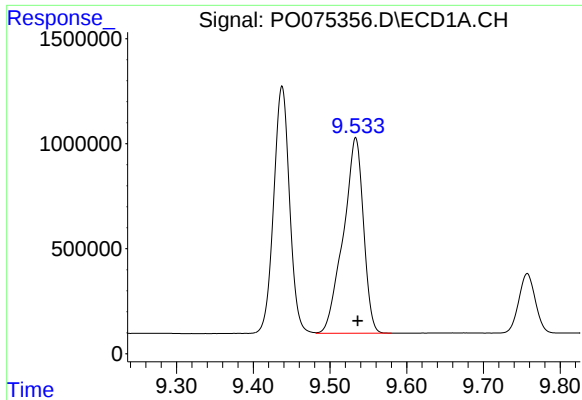
#41 AR-1268-1

R.T.: 9.438 min  
Delta R.T.: -0.002 min  
Response: 16875173  
Conc: 895.86 ng/ml



#41 AR-1268-1

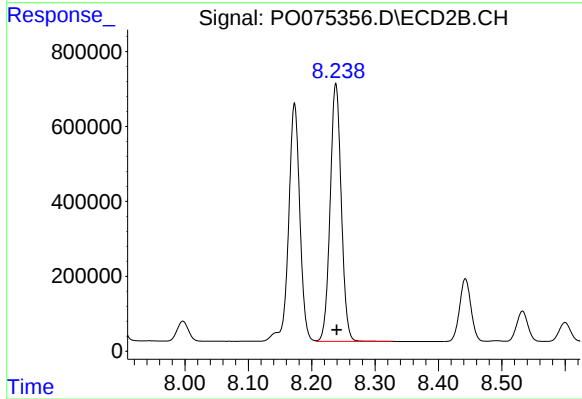
R.T.: 8.173 min  
Delta R.T.: -0.002 min  
Response: 7804243  
Conc: 836.47 ng/ml



#42 AR-1268-2

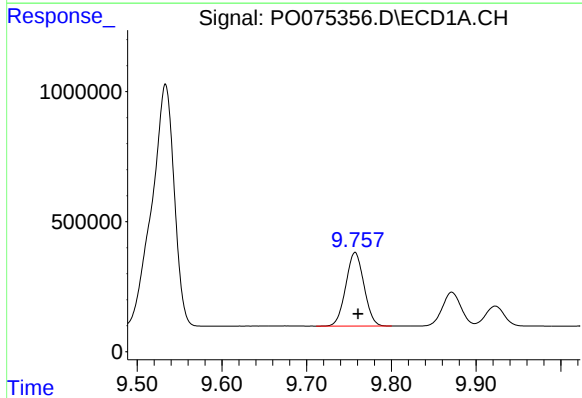
R.T.: 9.533 min  
Delta R.T.: -0.003 min  
Response: 17061327  
Conc: 1075.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



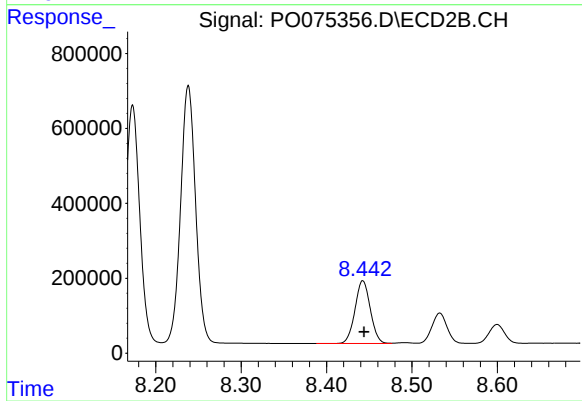
#42 AR-1268-2

R.T.: 8.238 min  
Delta R.T.: -0.001 min  
Response: 8372405  
Conc: 999.40 ng/ml



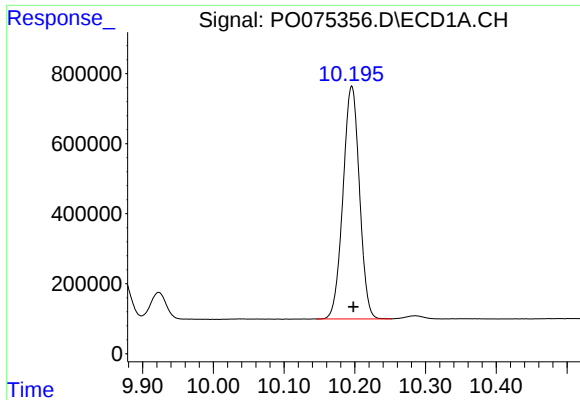
#43 AR-1268-3

R.T.: 9.757 min  
Delta R.T.: -0.004 min  
Response: 4224292  
Conc: 303.97 ng/ml



#43 AR-1268-3

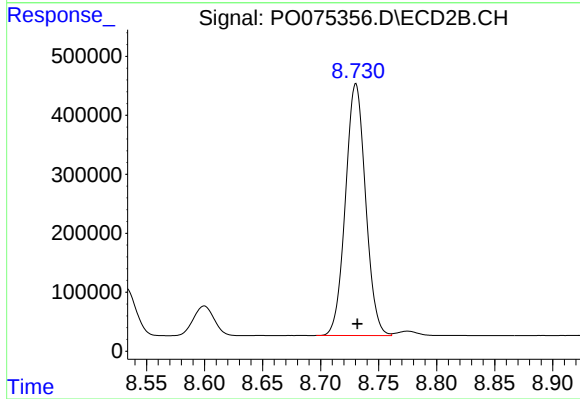
R.T.: 8.442 min  
Delta R.T.: -0.001 min  
Response: 2079603  
Conc: 287.25 ng/ml



#44 AR-1268-4

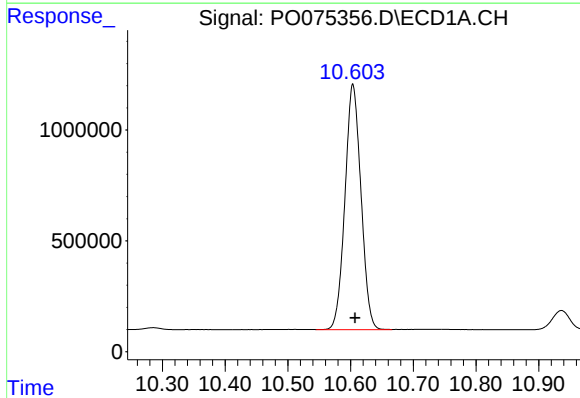
R.T.: 10.196 min  
Delta R.T.: -0.002 min  
Response: 10776715  
Conc: 1829.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



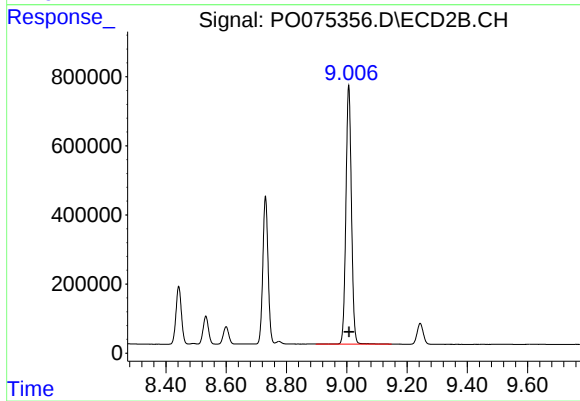
#44 AR-1268-4

R.T.: 8.730 min  
Delta R.T.: -0.001 min  
Response: 5146238  
Conc: 1633.43 ng/ml



#45 AR-1268-5

R.T.: 10.604 min  
Delta R.T.: -0.004 min  
Response: 19650045  
Conc: 470.52 ng/ml



#45 AR-1268-5

R.T.: 9.007 min  
Delta R.T.: -0.002 min  
Response: 9544629  
Conc: 449.88 ng/ml