

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0020521\  
 Data File : P0075565.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 05 Feb 2021 11:03  
 Operator : AJ/MA  
 Sample : M1291-01 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 OU421-007-0002DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 11:43:11 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... | 4.923  | 3.992  | 418529  | 232074  | 4.136   | 4.828     |
| 2)                          | SA Decachlor... | 10.942 | 9.242  | 944270  | 450099  | 9.787   | 9.272     |
| Target Compounds            |                 |        |        |         |         |         |           |
| 6)                          | L1 AR-1016-4    | 6.444  | 0.000  | 22935   | 0       | 8.329   | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.759  | 0.000  | 17352   | 0       | 6.510   | N.D. #    |
| 8)                          | L2 AR-1221-1    | 5.176  | 0.000  | 24315   | 0       | 20.337  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.279  | 0.000  | 7782    | 0       | 8.814   | N.D. #    |
| 10)                         | L2 AR-1221-3    | 5.378f | 0.000  | 22894   | 0       | 8.292   | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.378f | 0.000  | 22894   | 0       | 10.189  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 6.444  | 0.000  | 22935   | 0       | 19.459  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.543  | 0.000  | 33980   | 0       | 42.301  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 6.444  | 0.000  | 22935   | 0       | 10.395  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 7.234  | 6.100  | 400824  | 72018   | 161.411 | 47.847 #  |
| 22)                         | L5 AR-1248-2    | 6.543  | 0.000  | 33980   | 0       | 11.075  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.759  | 0.000  | 17352   | 0       | 4.826   | N.D. #    |
| 24)                         | L5 AR-1248-4    | 7.193  | 0.000  | 184924  | 0       | 41.737  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.234  | 6.122f | 400824  | 50583   | 94.953  | 24.217 #  |
| 26)                         | L6 AR-1254-1    | 7.163  | 6.100  | 400884  | 72018   | 93.015  | 23.253 #  |
| 27)                         | L6 AR-1254-2    | 7.391  | 6.259  | 414634  | 65407   | 61.499  | 24.357 #  |
| 28)                         | L6 AR-1254-3    | 7.793f | 6.675  | 851290  | 153749  | 123.445 | 36.058 #  |
| 29)                         | L6 AR-1254-4    | 8.070  | 6.913  | 125473  | 74269   | 20.755  | 25.481    |
| 30)                         | L6 AR-1254-5    | 8.499  | 7.338  | 491177  | 835493  | 87.869  | 215.271 # |
| 31)                         | L7 AR-1260-1    | 7.940  | 6.811  | 247663  | 169532  | 53.683  | 62.449    |
| 32)                         | L7 AR-1260-2    | 8.207  | 7.007  | 929009  | 263217  | 143.932 | 79.345 #  |
| 33)                         | L7 AR-1260-3    | 8.573  | 7.162  | 2176566 | 274280  | 398.875 | 92.287 #  |
| 34)                         | L7 AR-1260-4    | 8.819f | 7.638  | 1678947 | 706306  | 326.612 | 271.507   |
| 35)                         | L7 AR-1260-5    | 9.131  | 7.887  | 2370073 | 1119270 | 200.833 | 176.866   |
| 36)                         | L8 AR-1262-1    | 8.573  | 7.338  | 2176566 | 835493  | 249.421 | 383.040 # |
| 37)                         | L8 AR-1262-2    | 9.131  | 7.887  | 2370073 | 1119270 | 156.730 | 145.947   |
| 38)                         | L8 AR-1262-3    | 9.441  | 8.170  | 5125910 | 2258446 | 490.666 | 682.449 # |
| 39)                         | L8 AR-1262-4    | 9.537  | 8.235  | 4765904 | 2274344 | 644.814 | 396.101 # |
| 40)                         | L8 AR-1262-5    | 10.200 | 8.729  | 2873036 | 1336463 | 554.008 | 485.836   |
| 41)                         | L9 AR-1268-1    | 9.441  | 8.170  | 5125910 | 2258446 | 272.122 | 242.064   |
| 42)                         | L9 AR-1268-2    | 9.537  | 8.235  | 4765904 | 2274344 | 300.550 | 271.486   |
| 43)                         | L9 AR-1268-3    | 9.761  | 8.439  | 1412783 | 675271  | 101.659 | 93.274    |
| 44)                         | L9 AR-1268-4    | 10.200 | 8.729  | 2873036 | 1336463 | 487.710 | 424.197   |
| 45)                         | L9 AR-1268-5    | 10.609 | 9.004  | 5678758 | 2594435 | 135.978 | 122.287   |
| -----                       |                 |        |        |         |         |         |           |

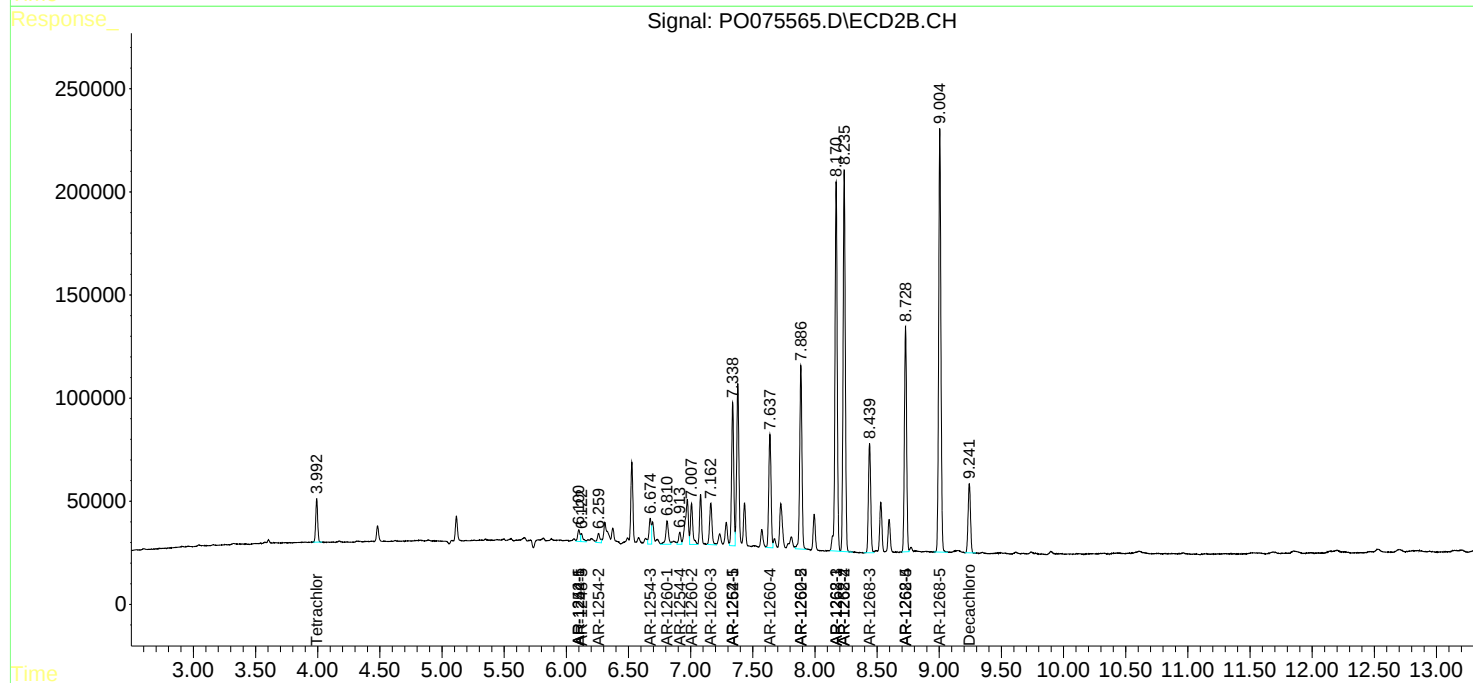
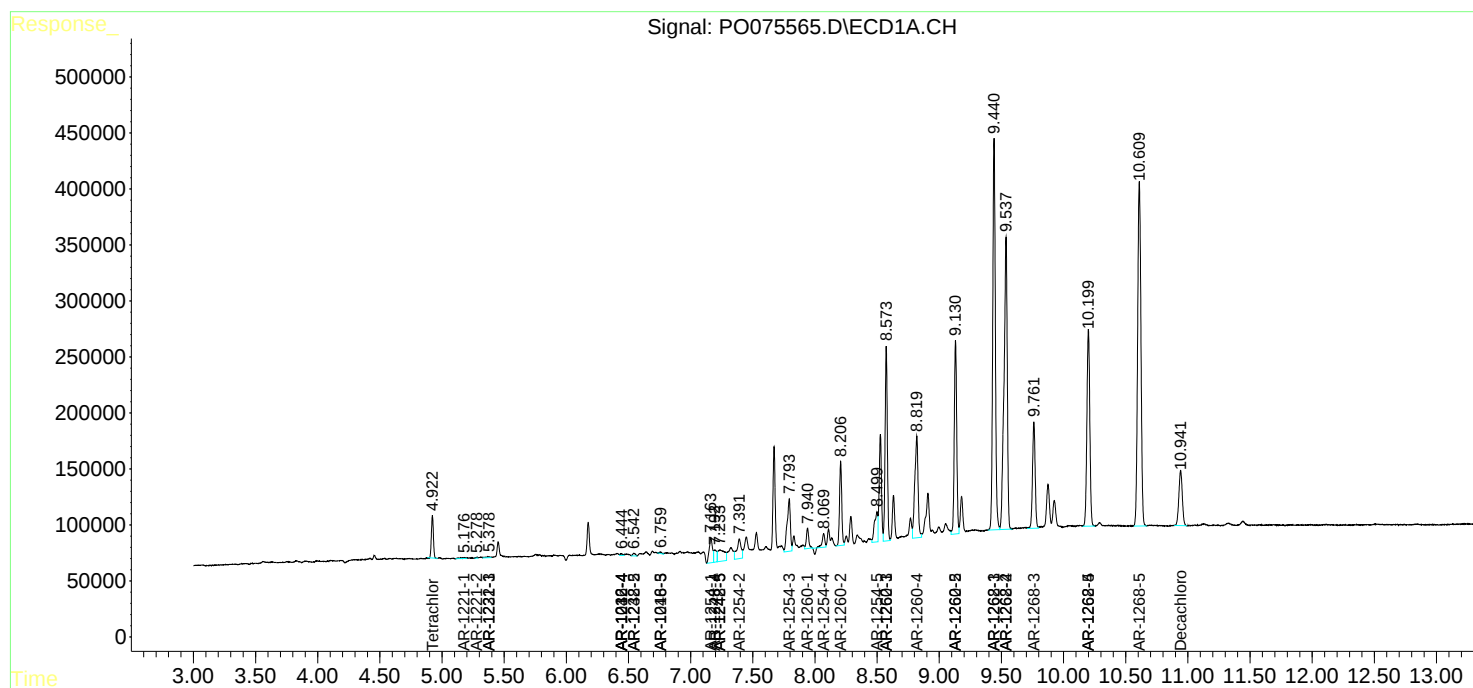
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

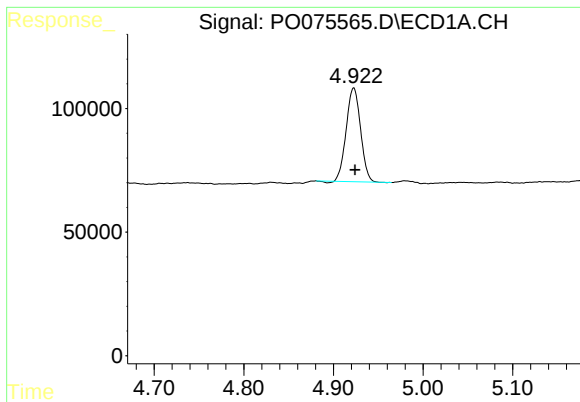
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO020521\  
Data File : PO075565.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 05 Feb 2021 11:03  
Operator : AJ/MA  
Sample : M1291-01 5X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 11:43:11 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO012821.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

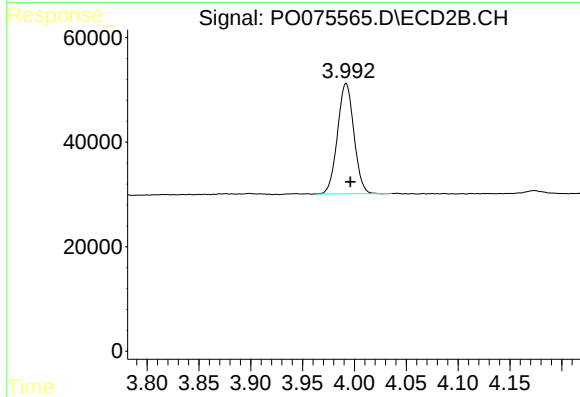




#1 Tetrachloro-m-xylene

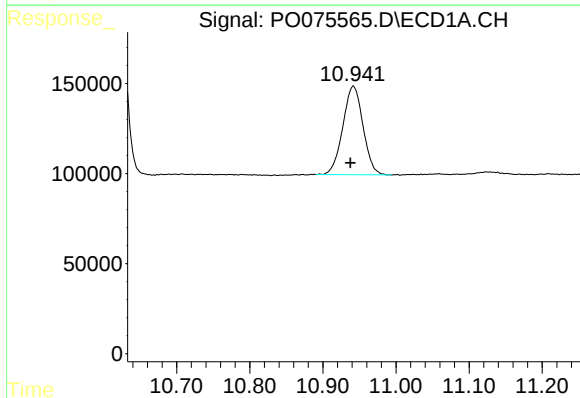
R.T.: 4.923 min  
Delta R.T.: -0.001 min  
Response: 418529  
Conc: 4.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



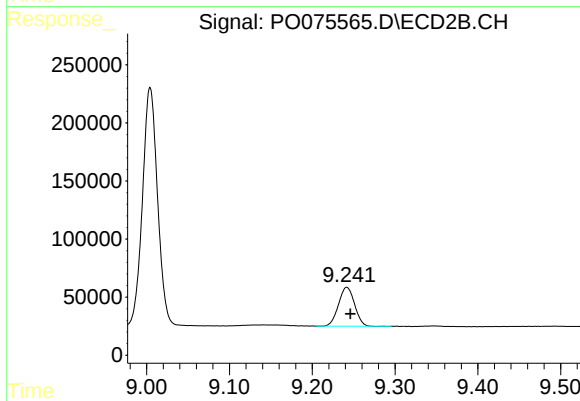
#1 Tetrachloro-m-xylene

R.T.: 3.992 min  
Delta R.T.: -0.004 min  
Response: 232074  
Conc: 4.83 ng/ml



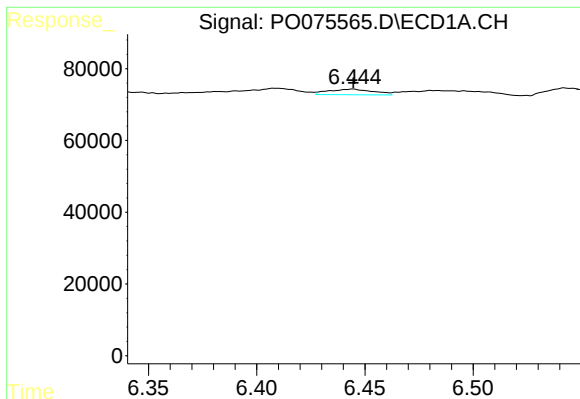
#2 Decachlorobiphenyl

R.T.: 10.942 min  
Delta R.T.: 0.004 min  
Response: 944270  
Conc: 9.79 ng/ml



#2 Decachlorobiphenyl

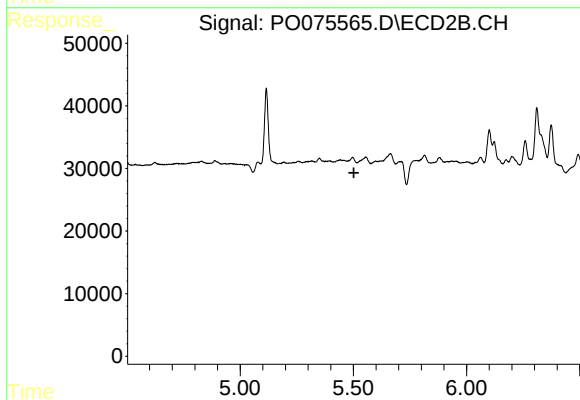
R.T.: 9.242 min  
Delta R.T.: -0.004 min  
Response: 450099  
Conc: 9.27 ng/ml



#6 AR-1016-4

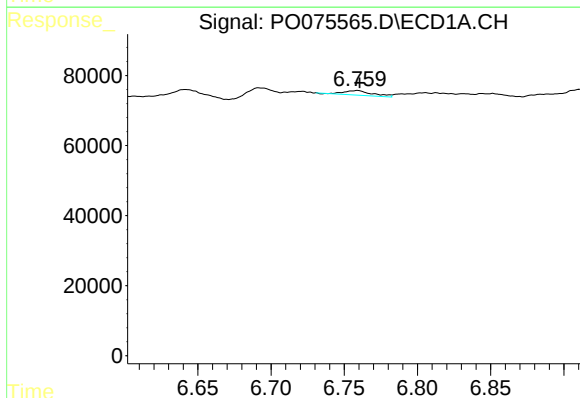
R.T.: 6.444 min  
Delta R.T.: 0.000 min  
Response: 22935  
Conc: 8.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



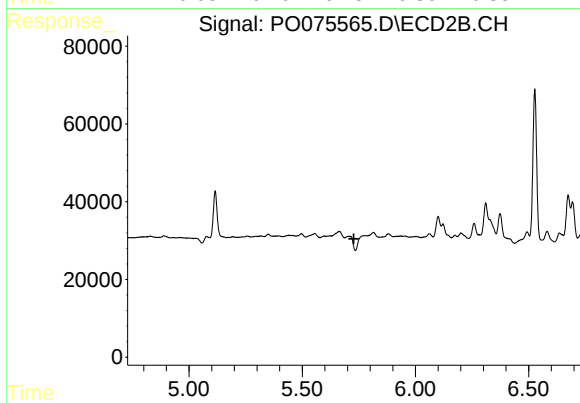
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.502 min  
Response: 0  
Conc: N.D.



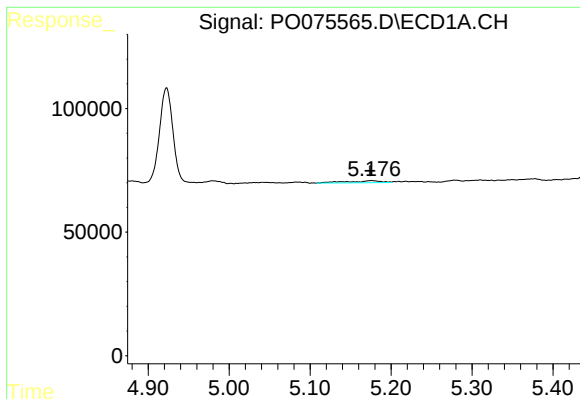
#7 AR-1016-5

R.T.: 6.759 min  
Delta R.T.: -0.002 min  
Response: 17352  
Conc: 6.51 ng/ml



#7 AR-1016-5

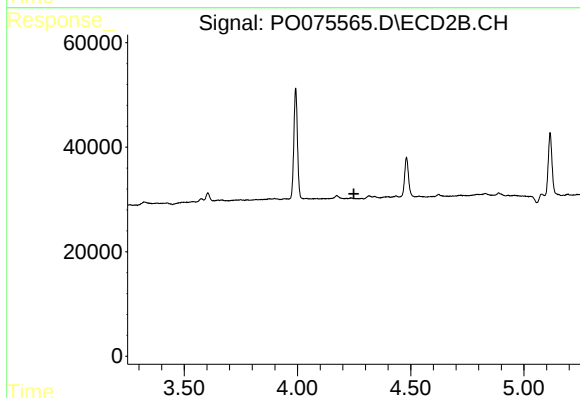
R.T.: 0.000 min  
Exp R.T. : 5.728 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

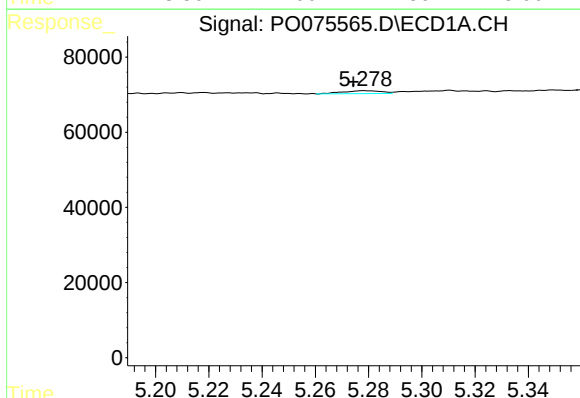
R.T.: 5.176 min  
Delta R.T.: 0.002 min  
Response: 24315  
Conc: 20.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



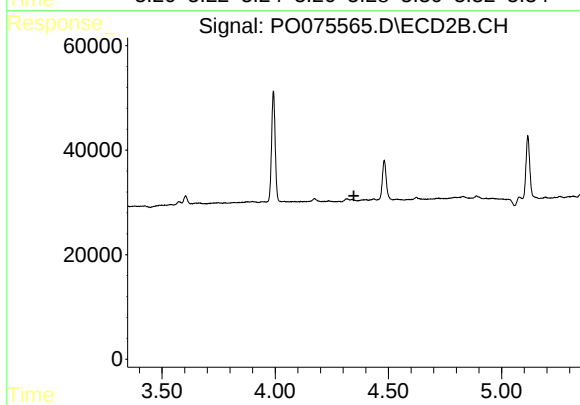
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.249 min  
Response: 0  
Conc: N.D.



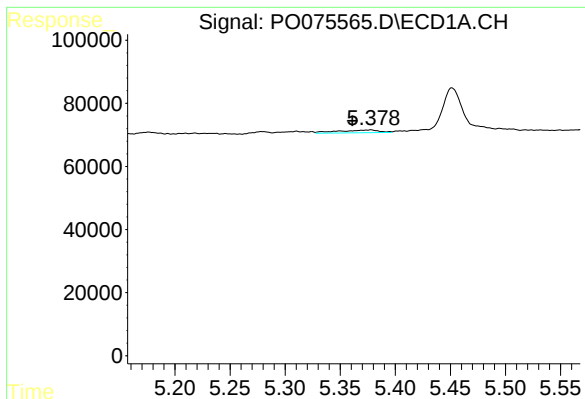
#9 AR-1221-2

R.T.: 5.279 min  
Delta R.T.: 0.005 min  
Response: 7782  
Conc: 8.81 ng/ml



#9 AR-1221-2

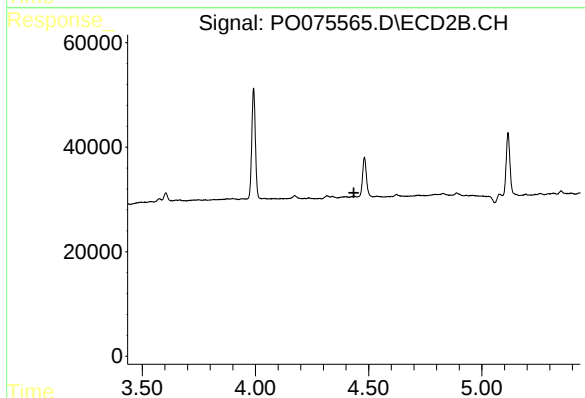
R.T.: 0.000 min  
Exp R.T. : 4.347 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

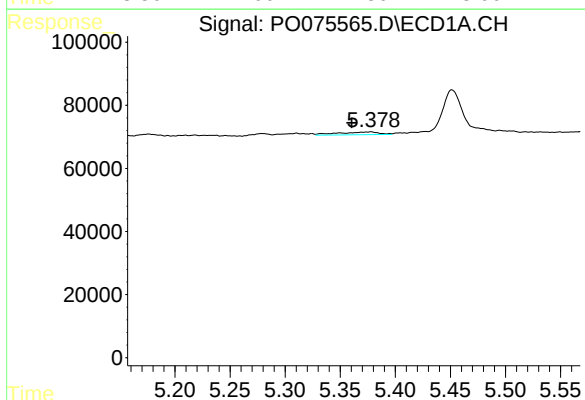
R.T.: 5.378 min  
Delta R.T.: 0.017 min  
Response: 22894  
Conc: 8.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



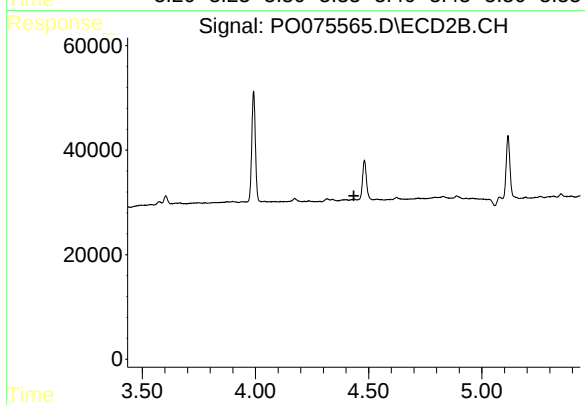
#10 AR-1221-3

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



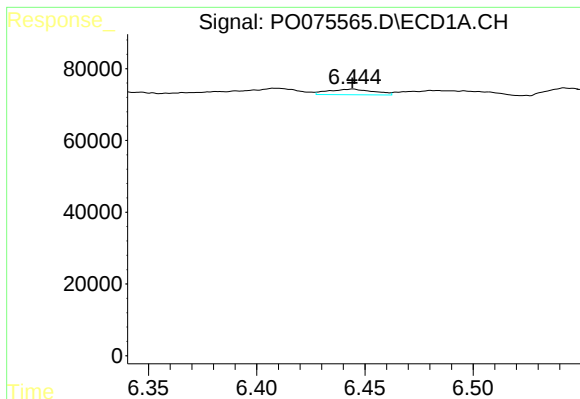
#11 AR-1232-1

R.T.: 5.378 min  
Delta R.T.: 0.017 min  
Response: 22894  
Conc: 10.19 ng/ml



#11 AR-1232-1

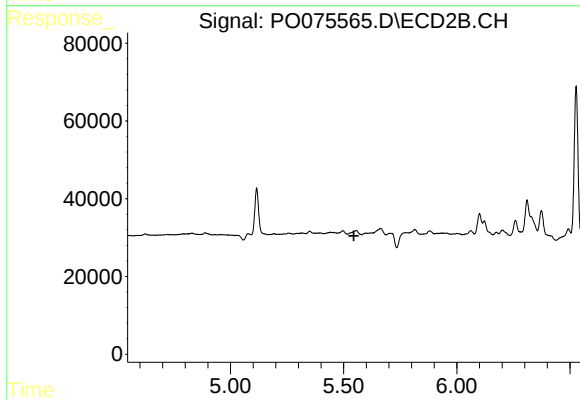
R.T.: 0.000 min  
Exp R.T. : 4.435 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

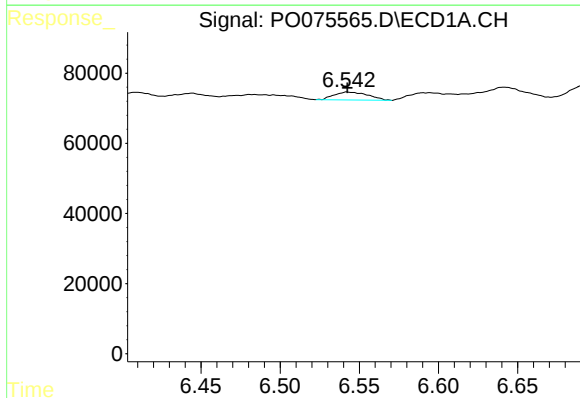
R.T.: 6.444 min  
Delta R.T.: 0.000 min  
Response: 22935  
Conc: 19.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



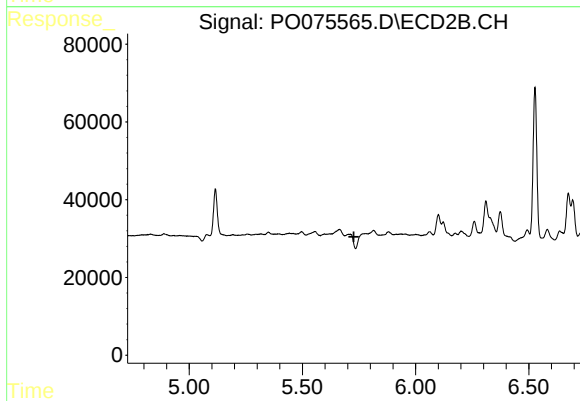
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.545 min  
Response: 0  
Conc: N.D.



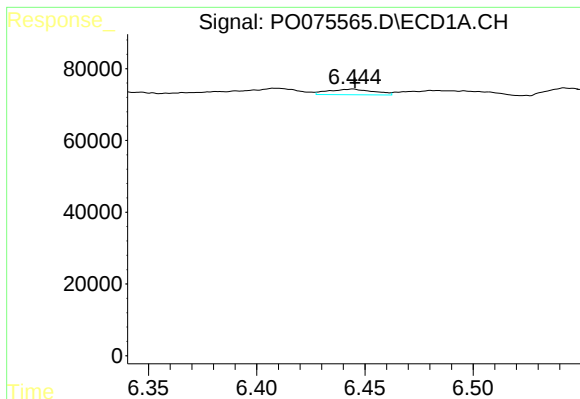
#15 AR-1232-5

R.T.: 6.543 min  
Delta R.T.: 0.000 min  
Response: 33980  
Conc: 42.30 ng/ml



#15 AR-1232-5

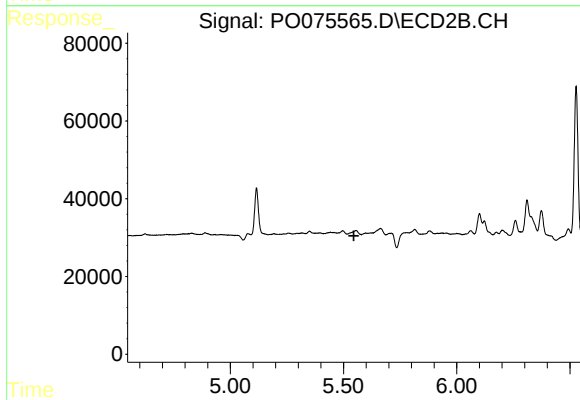
R.T.: 0.000 min  
Exp R.T. : 5.728 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

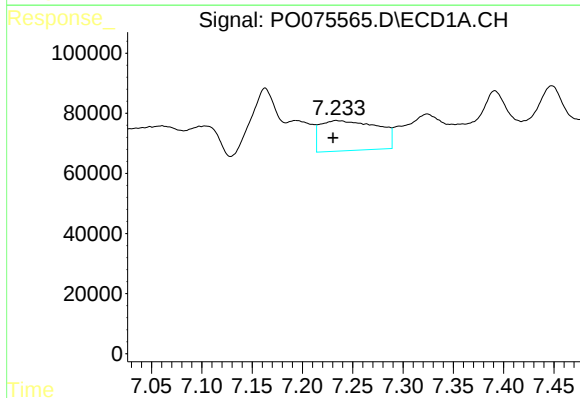
R.T.: 6.444 min  
Delta R.T.: -0.001 min  
Response: 22935  
Conc: 10.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



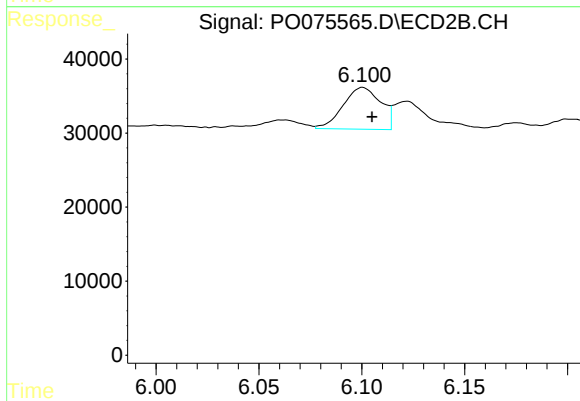
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.545 min  
Response: 0  
Conc: N.D.



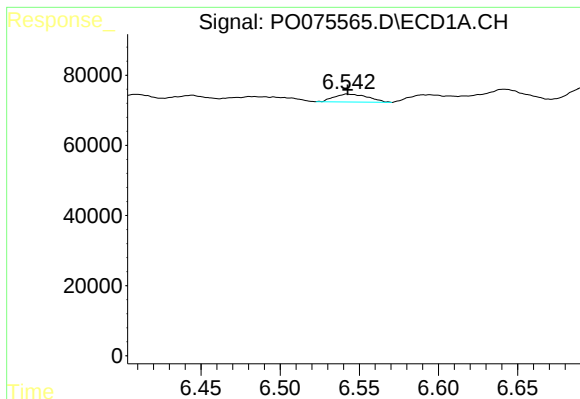
#20 AR-1242-5

R.T.: 7.234 min  
Delta R.T.: 0.003 min  
Response: 400824  
Conc: 161.41 ng/ml



#20 AR-1242-5

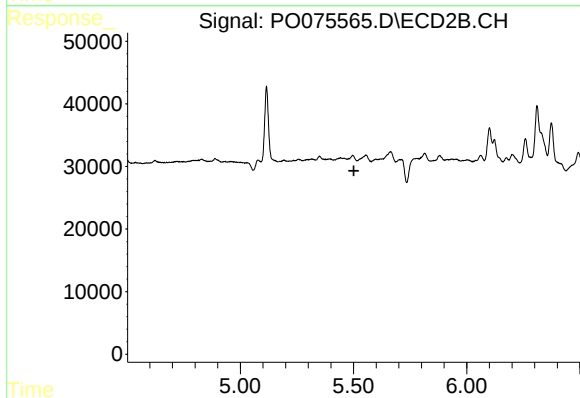
R.T.: 6.100 min  
Delta R.T.: -0.004 min  
Response: 72018  
Conc: 47.85 ng/ml



#22 AR-1248-2

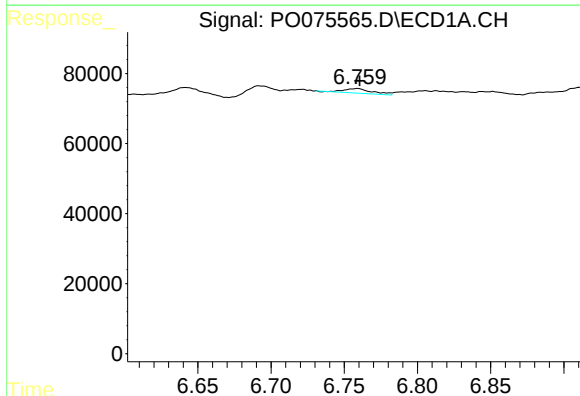
R.T.: 6.543 min  
Delta R.T.: 0.000 min  
Response: 33980  
Conc: 11.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



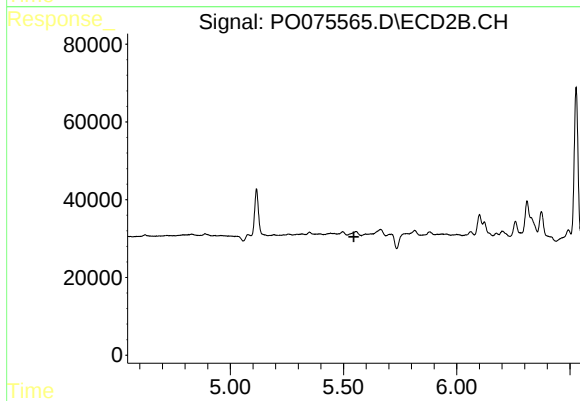
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.502 min  
Response: 0  
Conc: N.D.



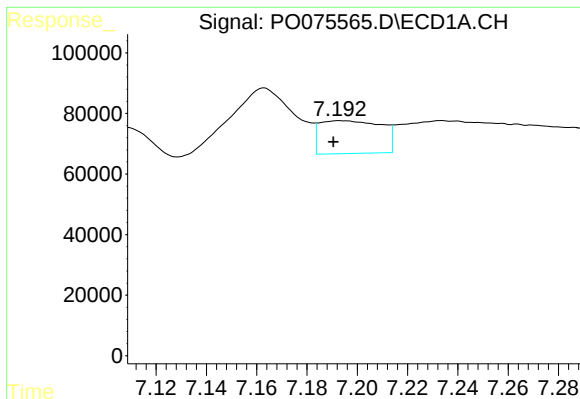
#23 AR-1248-3

R.T.: 6.759 min  
Delta R.T.: -0.002 min  
Response: 17352  
Conc: 4.83 ng/ml



#23 AR-1248-3

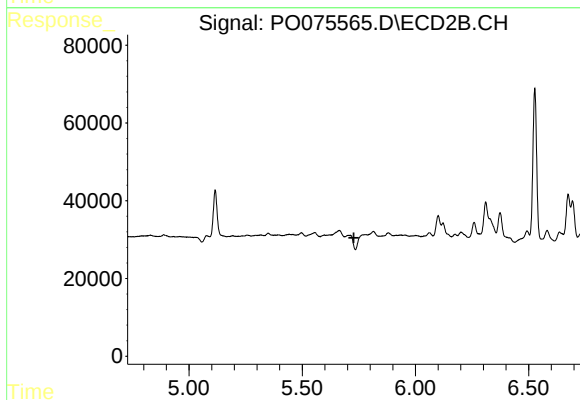
R.T.: 0.000 min  
Exp R.T. : 5.546 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

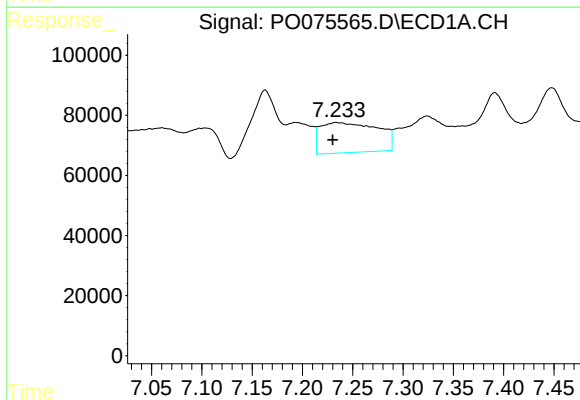
R.T.: 7.193 min  
Delta R.T.: 0.003 min  
Response: 184924  
Conc: 41.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



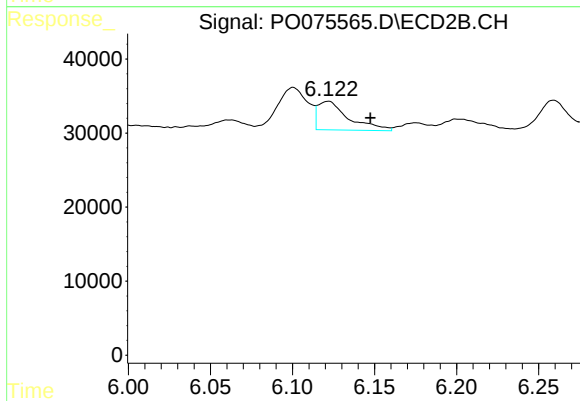
#24 AR-1248-4

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



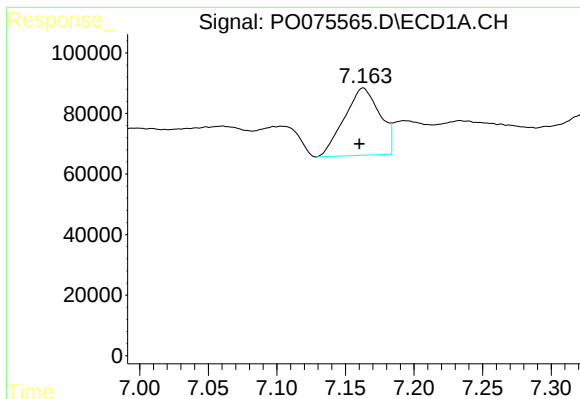
#25 AR-1248-5

R.T.: 7.234 min  
Delta R.T.: 0.003 min  
Response: 400824  
Conc: 94.95 ng/ml



#25 AR-1248-5

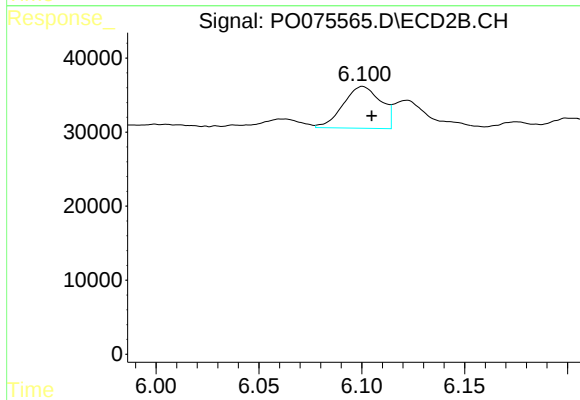
R.T.: 6.122 min  
Delta R.T.: -0.026 min  
Response: 50583  
Conc: 24.22 ng/ml



#26 AR-1254-1

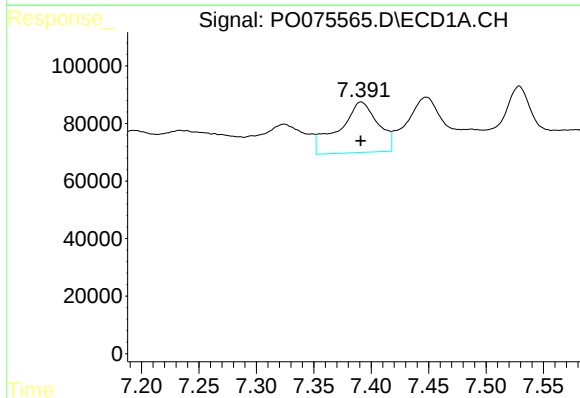
R.T.: 7.163 min  
Delta R.T.: 0.003 min  
Response: 400884  
Conc: 93.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



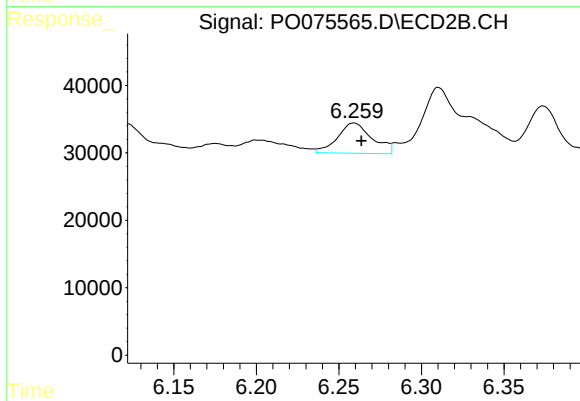
#26 AR-1254-1

R.T.: 6.100 min  
Delta R.T.: -0.004 min  
Response: 72018  
Conc: 23.25 ng/ml



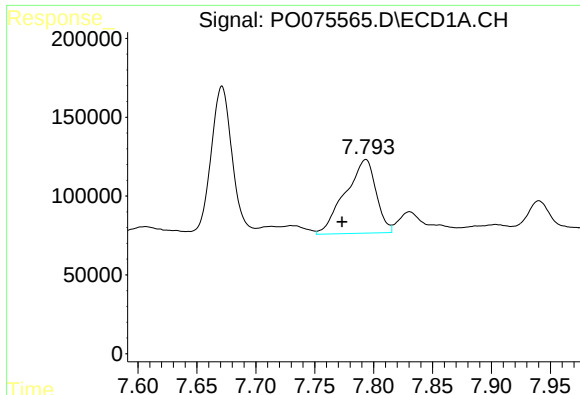
#27 AR-1254-2

R.T.: 7.391 min  
Delta R.T.: 0.000 min  
Response: 414634  
Conc: 61.50 ng/ml



#27 AR-1254-2

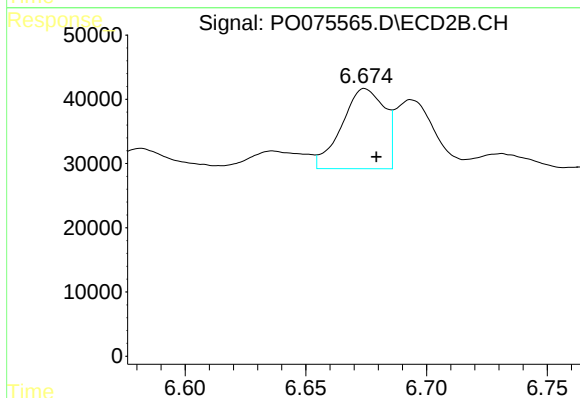
R.T.: 6.259 min  
Delta R.T.: -0.004 min  
Response: 65407  
Conc: 24.36 ng/ml



#28 AR-1254-3

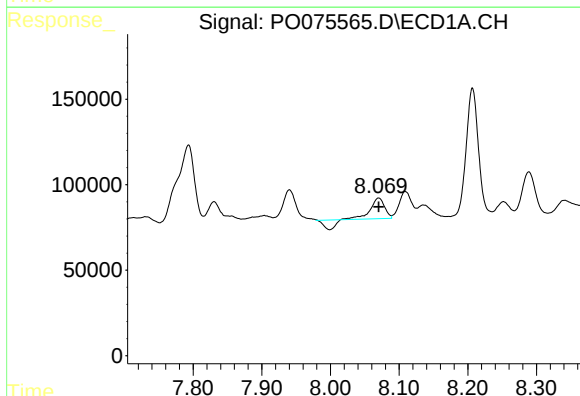
R.T.: 7.793 min  
Delta R.T.: 0.020 min  
Response: 851290  
Conc: 123.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



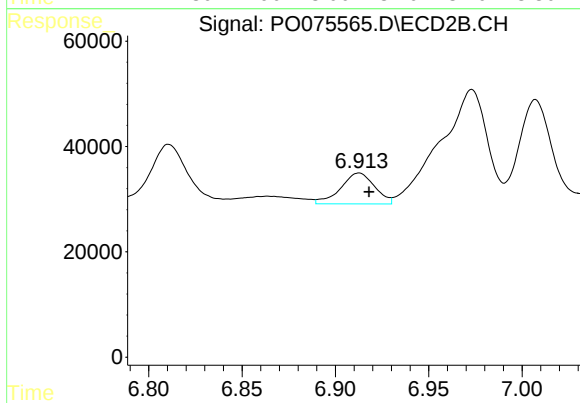
#28 AR-1254-3

R.T.: 6.675 min  
Delta R.T.: -0.005 min  
Response: 153749  
Conc: 36.06 ng/ml



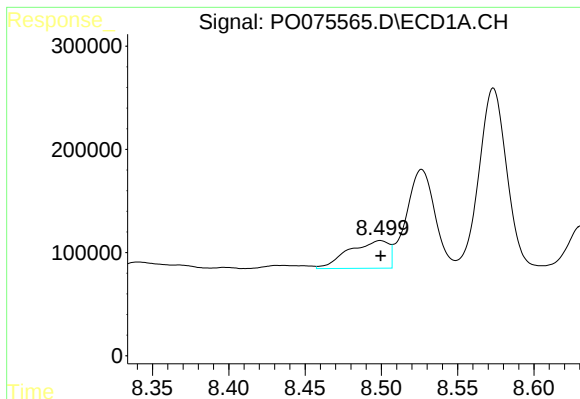
#29 AR-1254-4

R.T.: 8.070 min  
Delta R.T.: 0.000 min  
Response: 125473  
Conc: 20.75 ng/ml



#29 AR-1254-4

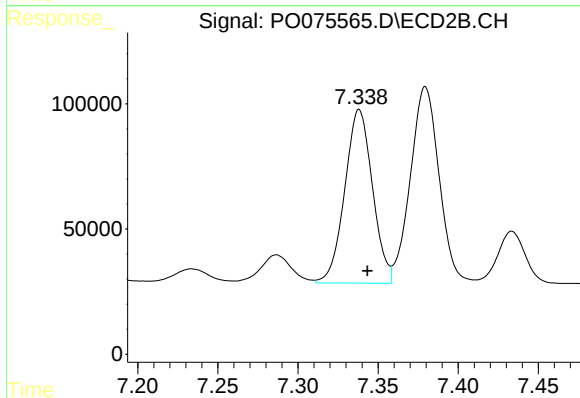
R.T.: 6.913 min  
Delta R.T.: -0.005 min  
Response: 74269  
Conc: 25.48 ng/ml



#30 AR-1254-5

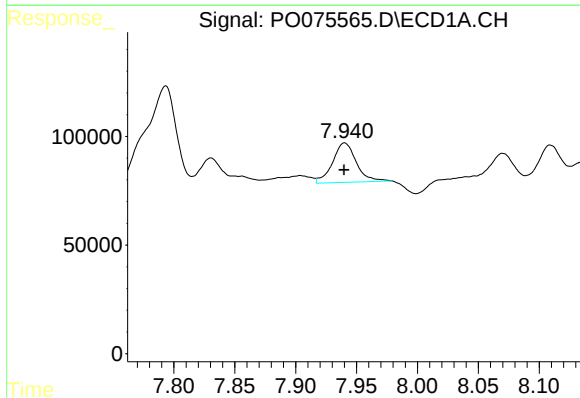
R.T.: 8.499 min  
Delta R.T.: 0.000 min  
Response: 491177  
Conc: 87.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



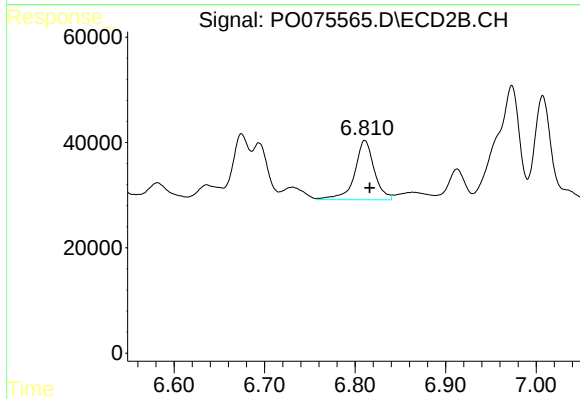
#30 AR-1254-5

R.T.: 7.338 min  
Delta R.T.: -0.005 min  
Response: 835493  
Conc: 215.27 ng/ml



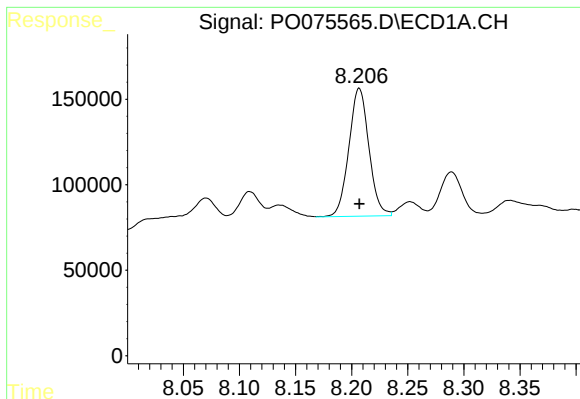
#31 AR-1260-1

R.T.: 7.940 min  
Delta R.T.: 0.000 min  
Response: 247663  
Conc: 53.68 ng/ml



#31 AR-1260-1

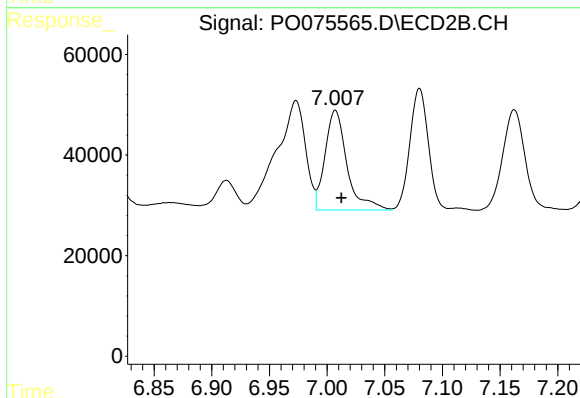
R.T.: 6.811 min  
Delta R.T.: -0.005 min  
Response: 169532  
Conc: 62.45 ng/ml



#32 AR-1260-2

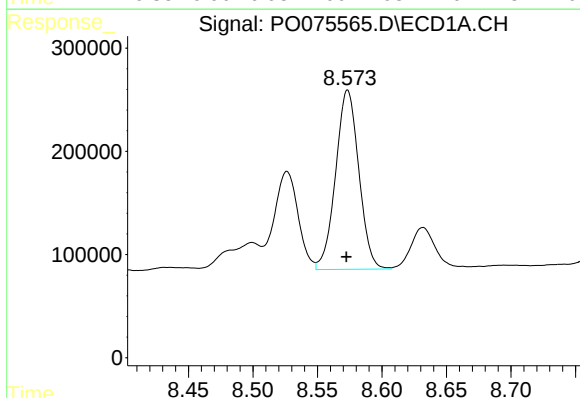
R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 929009  
Conc: 143.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



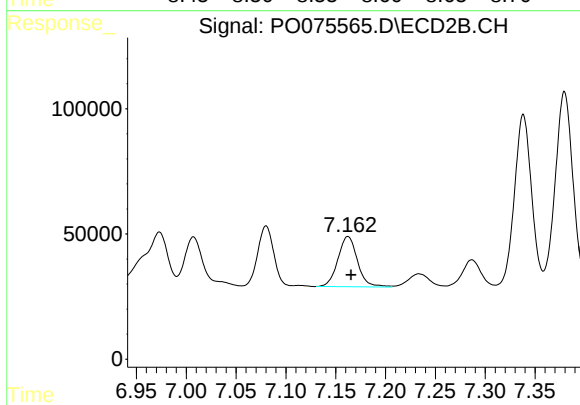
#32 AR-1260-2

R.T.: 7.007 min  
Delta R.T.: -0.005 min  
Response: 263217  
Conc: 79.35 ng/ml



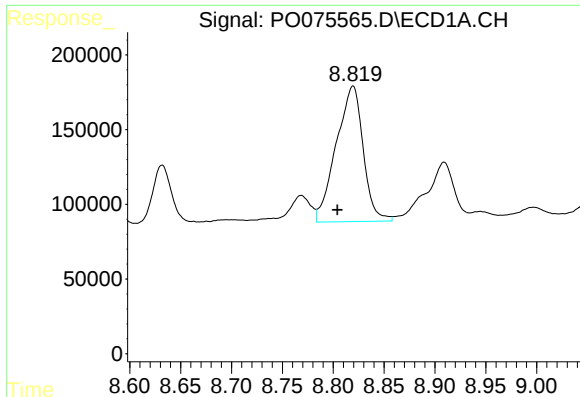
#33 AR-1260-3

R.T.: 8.573 min  
Delta R.T.: 0.001 min  
Response: 2176566  
Conc: 398.88 ng/ml



#33 AR-1260-3

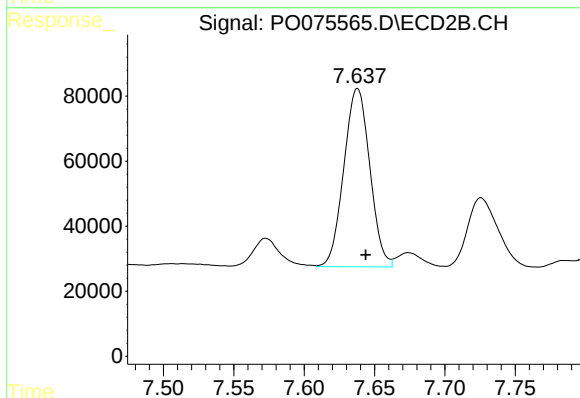
R.T.: 7.162 min  
Delta R.T.: -0.003 min  
Response: 274280  
Conc: 92.29 ng/ml



#34 AR-1260-4

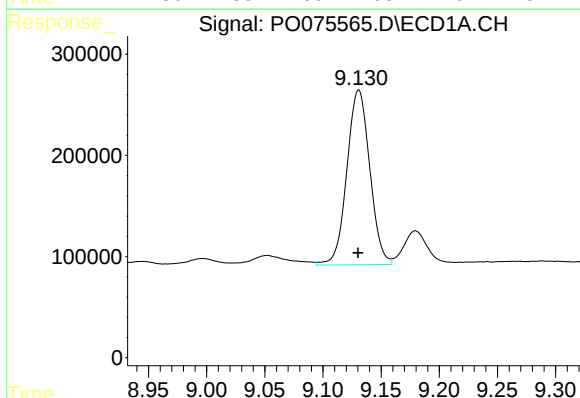
R.T.: 8.819 min  
Delta R.T.: 0.016 min  
Response: 1678947  
Conc: 326.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



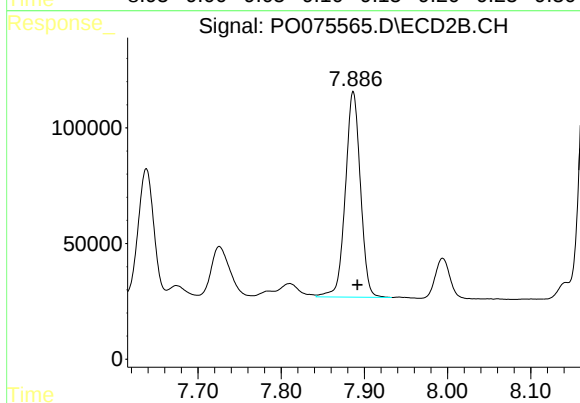
#34 AR-1260-4

R.T.: 7.638 min  
Delta R.T.: -0.006 min  
Response: 706306  
Conc: 271.51 ng/ml



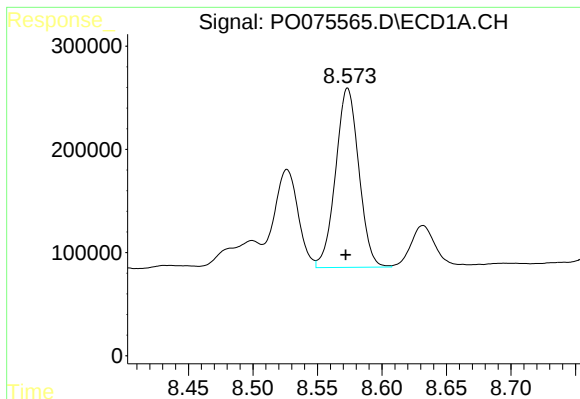
#35 AR-1260-5

R.T.: 9.131 min  
Delta R.T.: 0.000 min  
Response: 2370073  
Conc: 200.83 ng/ml



#35 AR-1260-5

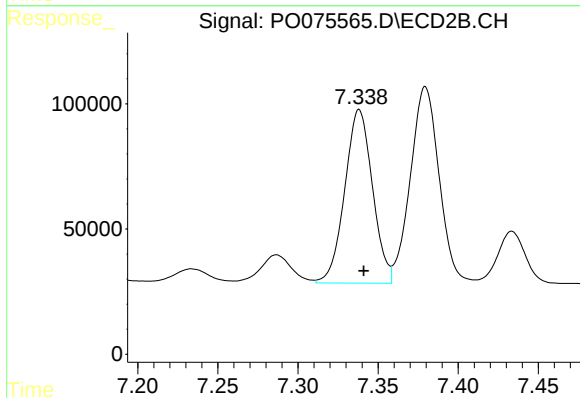
R.T.: 7.887 min  
Delta R.T.: -0.005 min  
Response: 1119270  
Conc: 176.87 ng/ml



#36 AR-1262-1

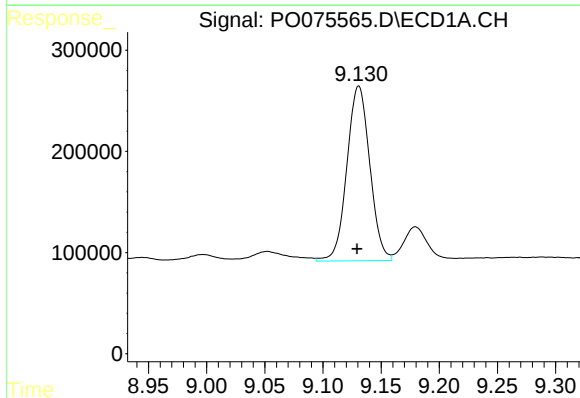
R.T.: 8.573 min  
Delta R.T.: 0.001 min  
Response: 2176566  
Conc: 249.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



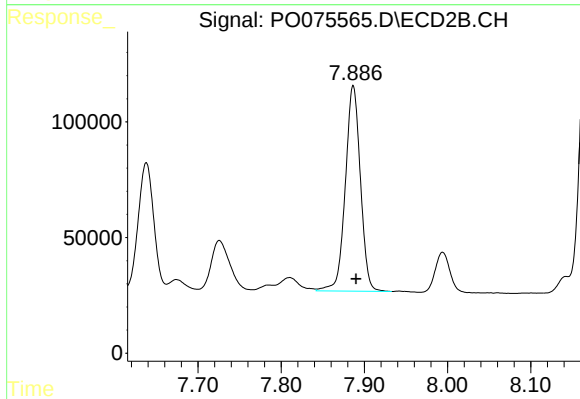
#36 AR-1262-1

R.T.: 7.338 min  
Delta R.T.: -0.003 min  
Response: 835493  
Conc: 383.04 ng/ml



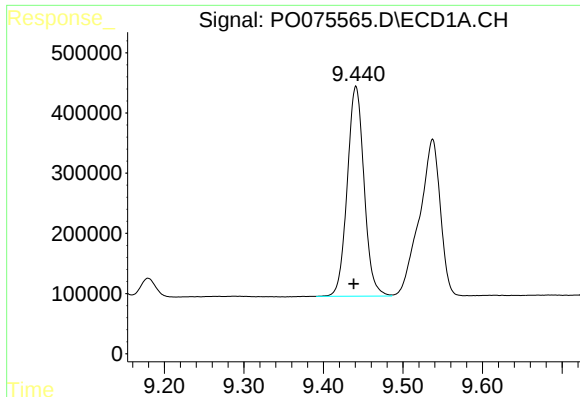
#37 AR-1262-2

R.T.: 9.131 min  
Delta R.T.: 0.001 min  
Response: 2370073  
Conc: 156.73 ng/ml



#37 AR-1262-2

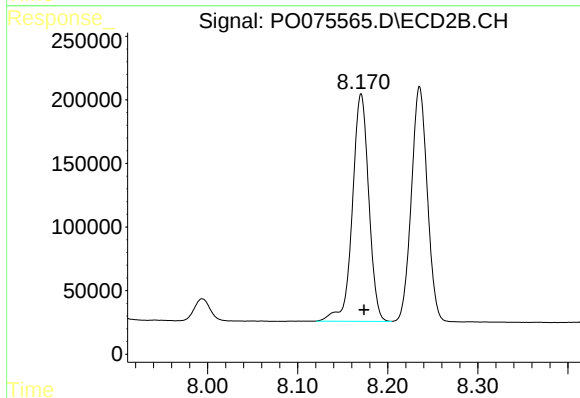
R.T.: 7.887 min  
Delta R.T.: -0.003 min  
Response: 1119270  
Conc: 145.95 ng/ml



#38 AR-1262-3

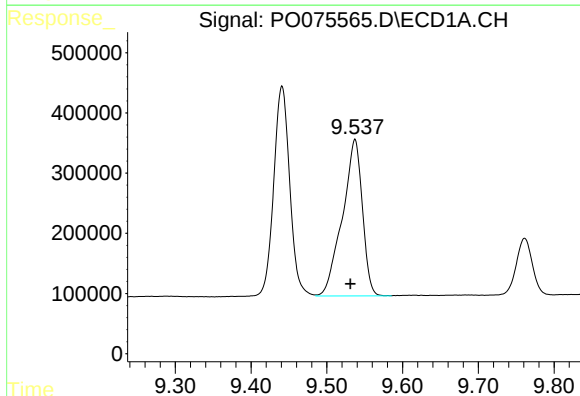
R.T.: 9.441 min  
Delta R.T.: 0.003 min  
Response: 5125910  
Conc: 490.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



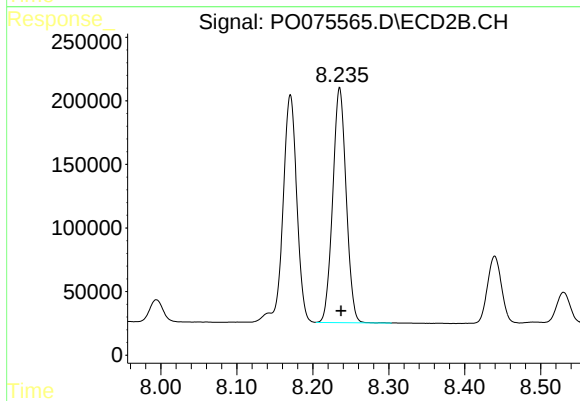
#38 AR-1262-3

R.T.: 8.170 min  
Delta R.T.: -0.003 min  
Response: 2258446  
Conc: 682.45 ng/ml



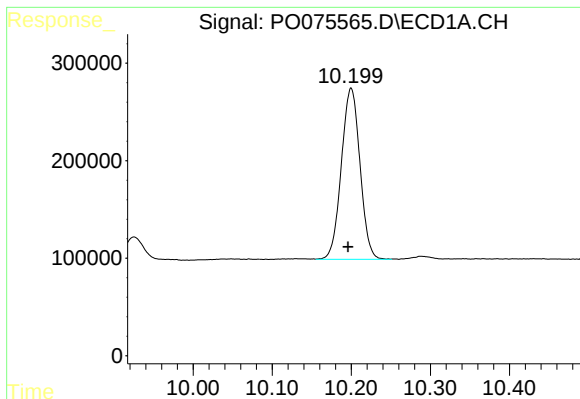
#39 AR-1262-4

R.T.: 9.537 min  
Delta R.T.: 0.006 min  
Response: 4765904  
Conc: 644.81 ng/ml



#39 AR-1262-4

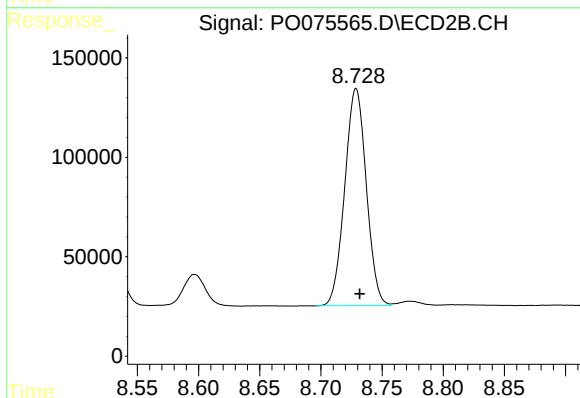
R.T.: 8.235 min  
Delta R.T.: -0.002 min  
Response: 2274344  
Conc: 396.10 ng/ml



#40 AR-1262-5

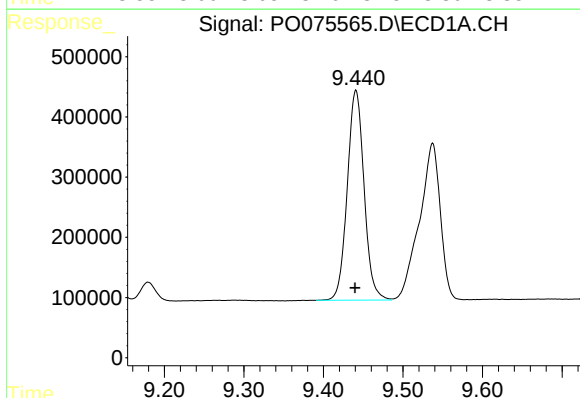
R.T.: 10.200 min  
Delta R.T.: 0.004 min  
Response: 2873036  
Conc: 554.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



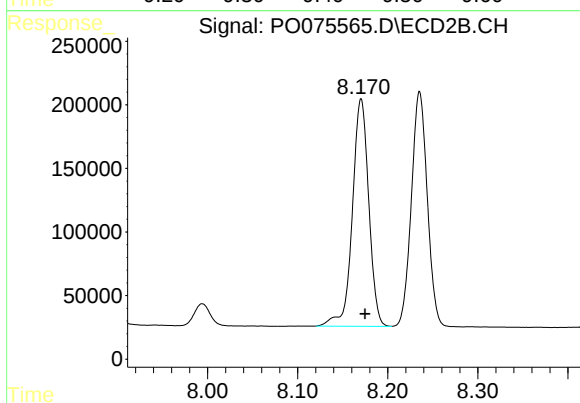
#40 AR-1262-5

R.T.: 8.729 min  
Delta R.T.: -0.003 min  
Response: 1336463  
Conc: 485.84 ng/ml



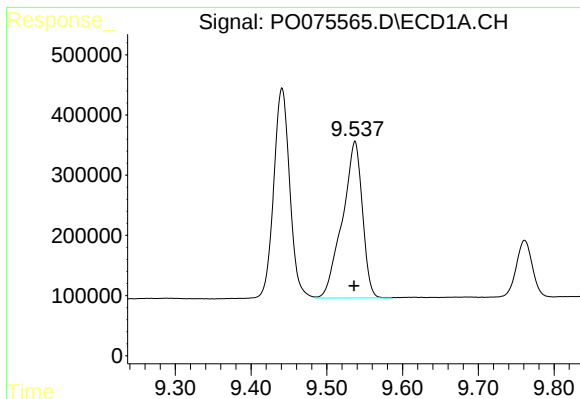
#41 AR-1268-1

R.T.: 9.441 min  
Delta R.T.: 0.001 min  
Response: 5125910  
Conc: 272.12 ng/ml



#41 AR-1268-1

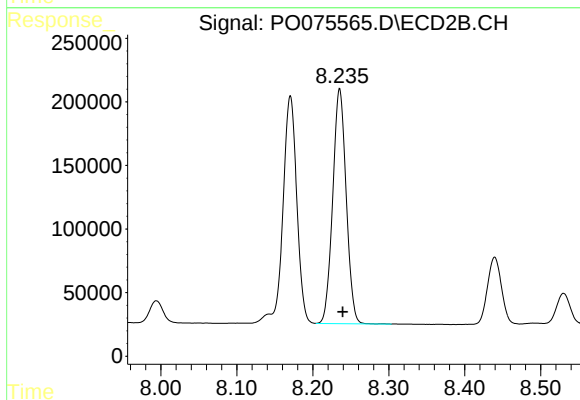
R.T.: 8.170 min  
Delta R.T.: -0.004 min  
Response: 2258446  
Conc: 242.06 ng/ml



#42 AR-1268-2

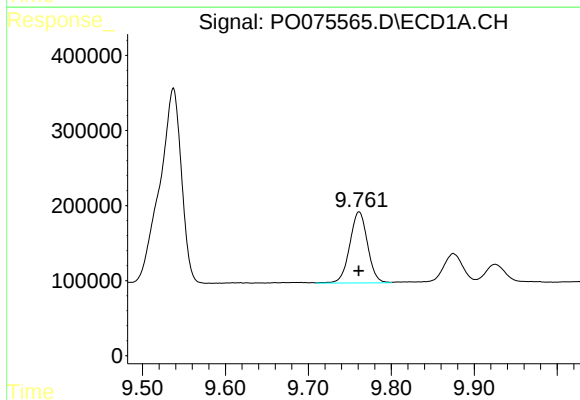
R.T.: 9.537 min  
Delta R.T.: 0.000 min  
Response: 4765904  
Conc: 300.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



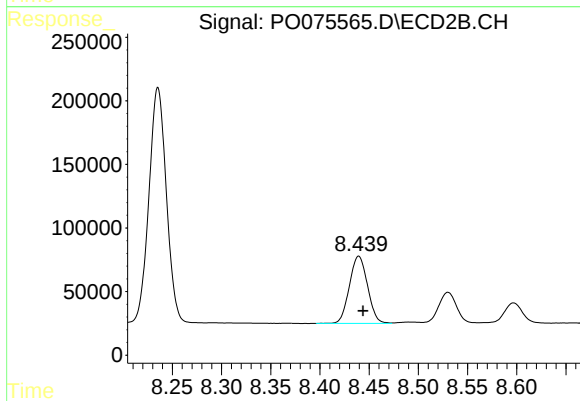
#42 AR-1268-2

R.T.: 8.235 min  
Delta R.T.: -0.004 min  
Response: 2274344  
Conc: 271.49 ng/ml



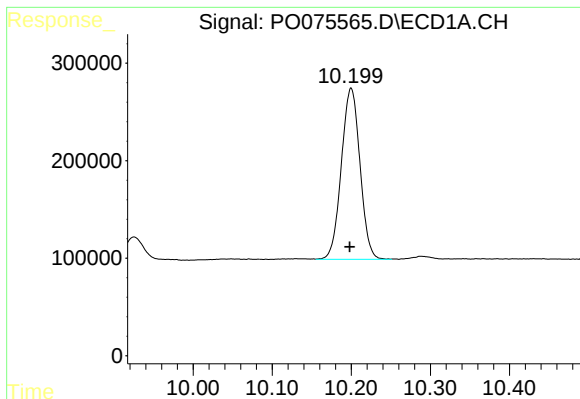
#43 AR-1268-3

R.T.: 9.761 min  
Delta R.T.: 0.000 min  
Response: 1412783  
Conc: 101.66 ng/ml



#43 AR-1268-3

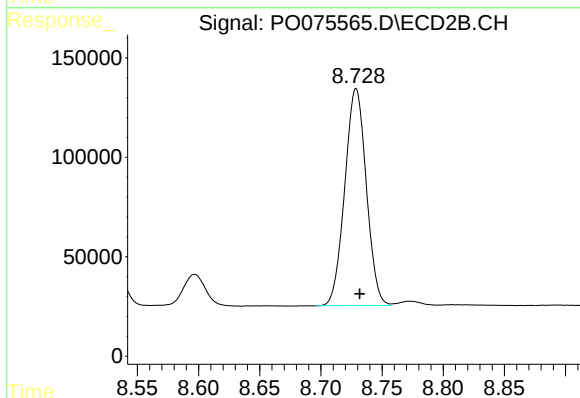
R.T.: 8.439 min  
Delta R.T.: -0.005 min  
Response: 675271  
Conc: 93.27 ng/ml



#44 AR-1268-4

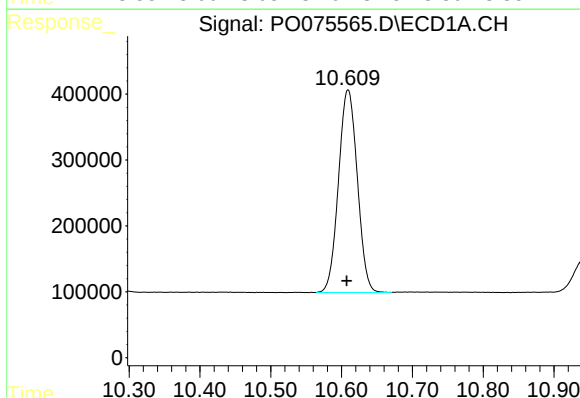
R.T.: 10.200 min  
Delta R.T.: 0.002 min  
Response: 2873036  
Conc: 487.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OU421-007-0002DL



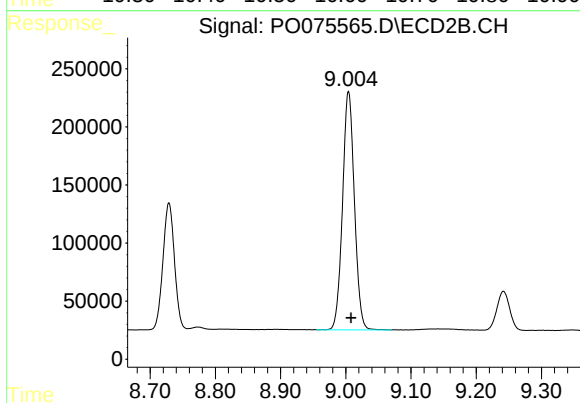
#44 AR-1268-4

R.T.: 8.729 min  
Delta R.T.: -0.003 min  
Response: 1336463  
Conc: 424.20 ng/ml



#45 AR-1268-5

R.T.: 10.609 min  
Delta R.T.: 0.002 min  
Response: 5678758  
Conc: 135.98 ng/ml



#45 AR-1268-5

R.T.: 9.004 min  
Delta R.T.: -0.004 min  
Response: 2594435  
Conc: 122.29 ng/ml