

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102120\  
 Data File : PO072600.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Oct 2020 11:46  
 Operator : DD\AJ  
 Sample : L4476-01DL 20X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 14:10:53 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101420.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 14 17:47:24 2020  
 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... | 4.317  | 3.501 | 90909   | 49967   | 1.072    | 1.186      |
| 2)                          | SA Decachlor... | 9.918  | 8.665 | 95362   | 49016   | 0.865    | 0.948      |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.620  | 0.000 | 49112   | 0       | 14.900   | N.D. #     |
| 4)                          | L1 AR-1016-2    | 5.647  | 0.000 | 59065   | 0       | 12.638   | N.D. #     |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.979 | 0       | 758352  | N.D.     | 720.232 #  |
| 7)                          | L1 AR-1016-5    | 6.120  | 5.199 | 875490  | 487723  | 431.149  | 370.376    |
| 13)                         | L3 AR-1232-3    | 5.647  | 0.000 | 59065   | 0       | 30.144   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.020 | 0       | 320749  | N.D.     | 728.497 #  |
| 15)                         | L3 AR-1232-5    | 5.909  | 5.199 | 1596297 | 487723  | 2662.130 | 954.656 #  |
| 16)                         | L4 AR-1242-1    | 5.620  | 0.000 | 49112   | 0       | 20.166   | N.D. #     |
| 17)                         | L4 AR-1242-2    | 5.647  | 0.000 | 59065   | 0       | 16.780   | N.D. #     |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.020 | 0       | 320749  | N.D.     | 362.108 #  |
| 20)                         | L4 AR-1242-5    | 6.581  | 5.572 | 1324337 | 1976209 | 568.093  | 1439.417 # |
| 21)                         | L5 AR-1248-1    | 5.620  | 0.000 | 49112   | 0       | 26.271   | N.D. #     |
| 22)                         | L5 AR-1248-2    | 5.909  | 4.979 | 1596297 | 758352  | 638.016  | 531.852    |
| 23)                         | L5 AR-1248-3    | 6.120  | 5.020 | 875490  | 320749  | 302.185  | 238.831    |
| 24)                         | L5 AR-1248-4    | 6.544  | 5.199 | 1892340 | 487723  | 427.920  | 290.433 #  |
| 25)                         | L5 AR-1248-5    | 6.581  | 5.614 | 1324337 | 435524  | 336.880  | 235.797 #  |
| 26)                         | L6 AR-1254-1    | 6.510  | 5.572 | 2875769 | 1976209 | 680.748  | 714.932    |
| 27)                         | L6 AR-1254-2    | 6.738  | 5.732 | 5299470 | 1737438 | 817.704  | 714.621    |
| 28)                         | L6 AR-1254-3    | 7.114  | 6.141 | 6114047 | 2959171 | 899.551  | 769.000    |
| 29)                         | L6 AR-1254-4    | 7.410  | 6.381 | 6328120 | 2405407 | 954.719  | 895.784    |
| 30)                         | L6 AR-1254-5    | 7.829  | 6.802 | 4954321 | 2898213 | 773.423  | 790.844    |
| 31)                         | L7 AR-1260-1    | 7.275  | 6.277 | 2382169 | 1361506 | 488.829  | 532.208    |
| 32)                         | L7 AR-1260-2    | 7.542  | 6.477 | 3508049 | 1353209 | 457.209  | 419.660    |
| 33)                         | L7 AR-1260-3    | 7.889f | 6.618 | 556937  | 1114609 | 86.903   | 371.379 #  |
| 34)                         | L7 AR-1260-4    | 8.121  | 7.097 | 2001125 | 137249  | 328.804  | 52.057 #   |
| 35)                         | L7 AR-1260-5    | 8.441  | 7.350 | 794715  | 399154  | 54.705   | 61.095     |
| 36)                         | L8 AR-1262-1    | 7.889  | 6.802 | 556937  | 2898213 | 58.725   | 1518.898 # |
| 37)                         | L8 AR-1262-2    | 8.441  | 7.350 | 794715  | 399154  | 49.723   | 59.762     |
| 38)                         | L8 AR-1262-3    | 8.731f | 0.000 | 573483  | 0       | 82.069   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 8.774f | 7.687 | 197000  | 367779  | 49.296   | 71.361 #   |
| 40)                         | L8 AR-1262-5    | 9.337  | 8.188 | 140431  | 43885   | 26.397   | 17.377 #   |
| 41)                         | L9 AR-1268-1    | 8.731f | 0.000 | 573483  | 0       | 29.789   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 8.774f | 7.687 | 197000  | 367779  | 11.933   | 50.548 #   |
| 44)                         | L9 AR-1268-4    | 9.337  | 8.188 | 140431  | 43885   | 23.536   | 15.524 #   |
| -----                       |                 |        |       |         |         |          |            |

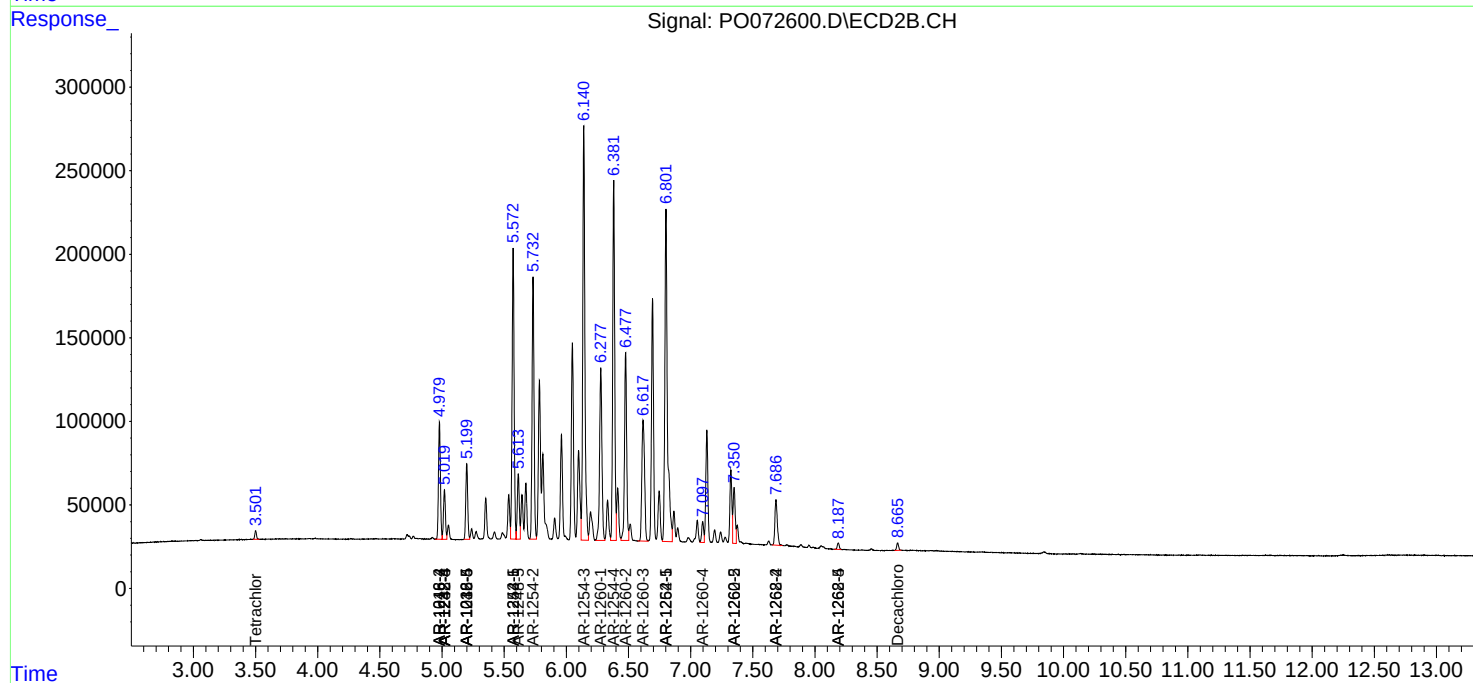
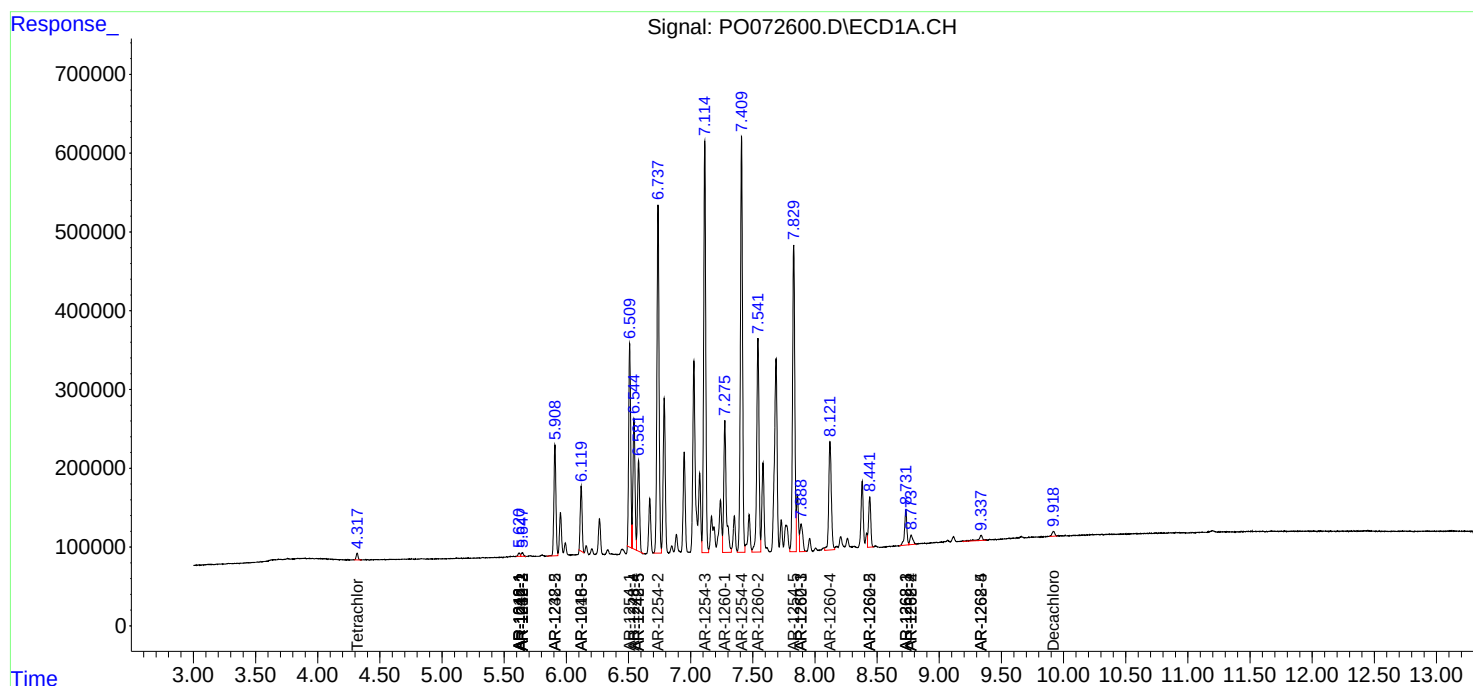
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

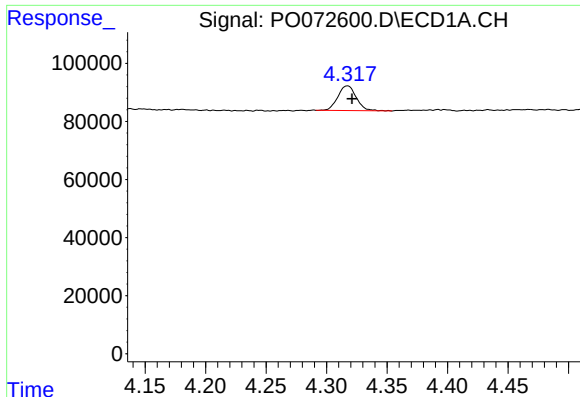
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102120\  
Data File : PO072600.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Oct 2020 11:46  
Operator : DD\AJ  
Sample : L4476-01DL 20X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 14:10:53 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101420.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 14 17:47:24 2020  
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

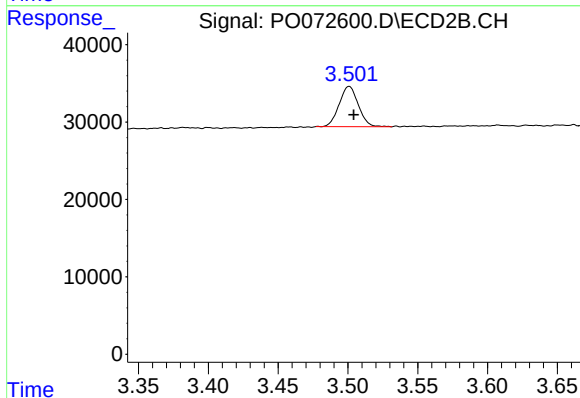




#1 Tetrachloro-m-xylene

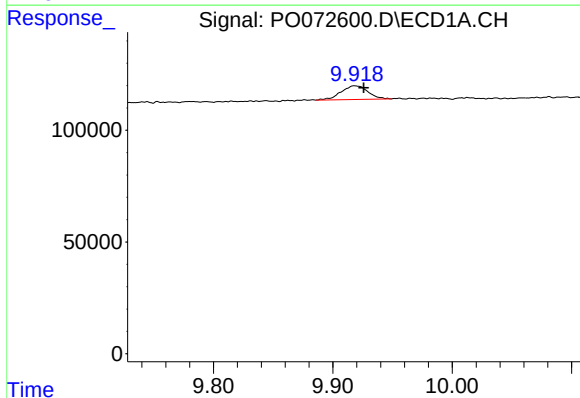
R.T.: 4.317 min  
Delta R.T.: -0.004 min  
Response: 90909  
Conc: 1.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



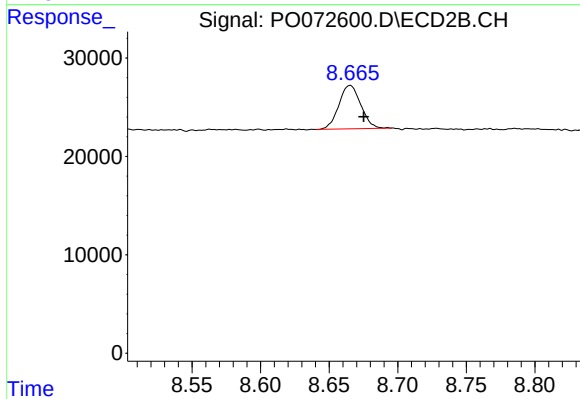
#1 Tetrachloro-m-xylene

R.T.: 3.501 min  
Delta R.T.: -0.003 min  
Response: 49967  
Conc: 1.19 ng/ml



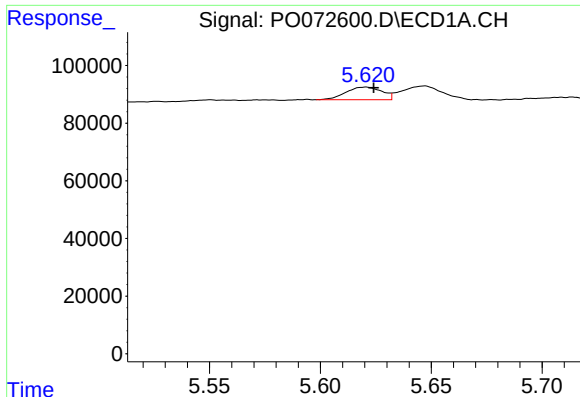
#2 Decachlorobiphenyl

R.T.: 9.918 min  
Delta R.T.: -0.008 min  
Response: 95362  
Conc: 0.86 ng/ml



#2 Decachlorobiphenyl

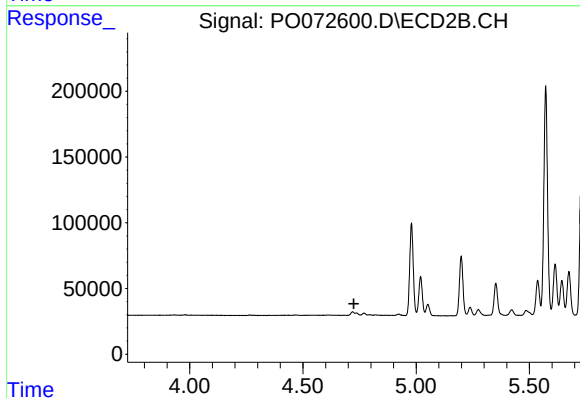
R.T.: 8.665 min  
Delta R.T.: -0.010 min  
Response: 49016  
Conc: 0.95 ng/ml



#3 AR-1016-1

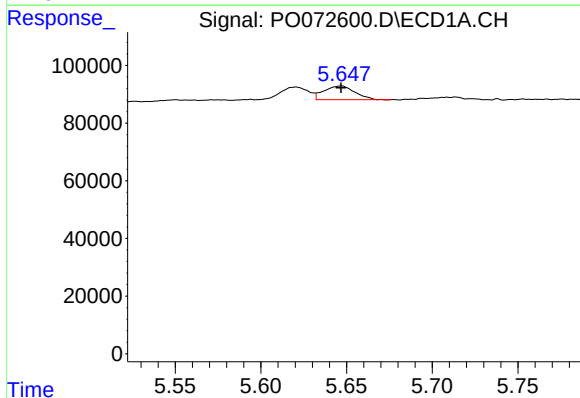
R.T.: 5.620 min  
Delta R.T.: -0.004 min  
Response: 49112  
Conc: 14.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



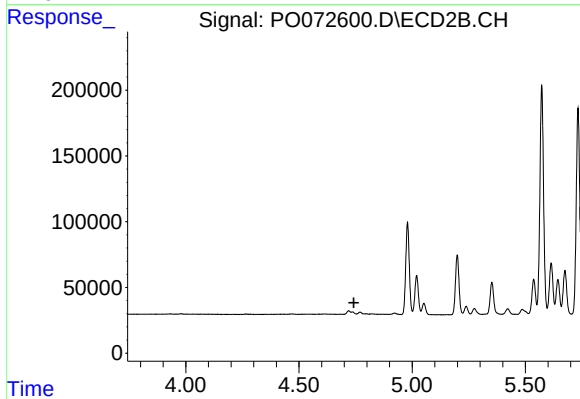
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.725 min  
Response: 0  
Conc: N.D.



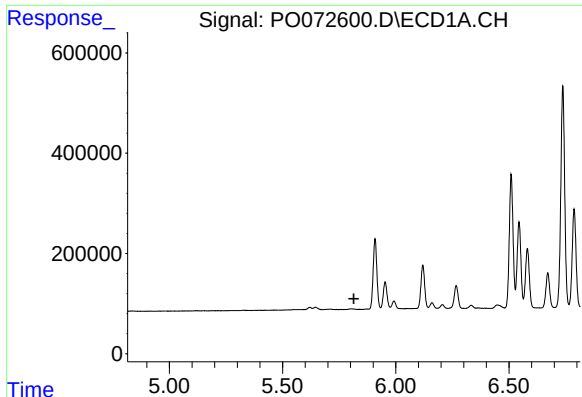
#4 AR-1016-2

R.T.: 5.647 min  
Delta R.T.: 0.000 min  
Response: 59065  
Conc: 12.64 ng/ml



#4 AR-1016-2

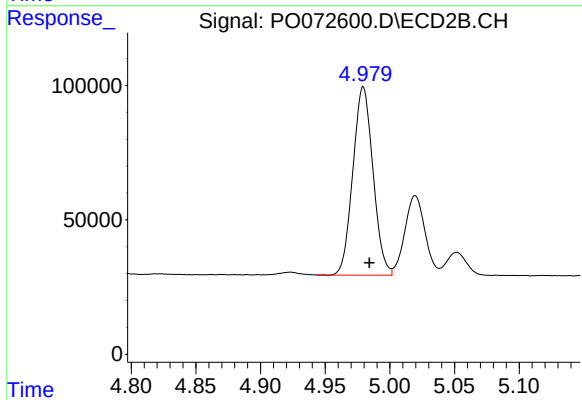
R.T.: 0.000 min  
Exp R.T. : 4.742 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

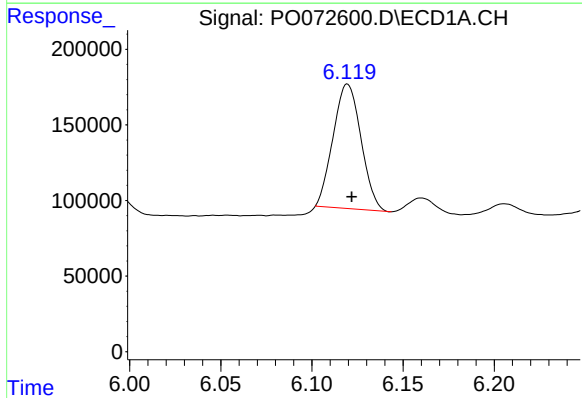
R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



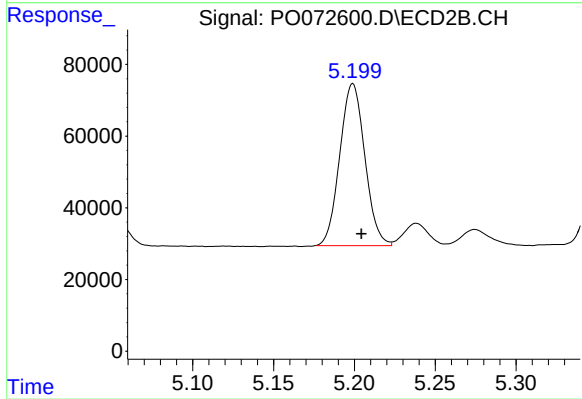
#6 AR-1016-4

R.T.: 4.979 min  
Delta R.T.: -0.005 min  
Response: 758352  
Conc: 720.23 ng/ml



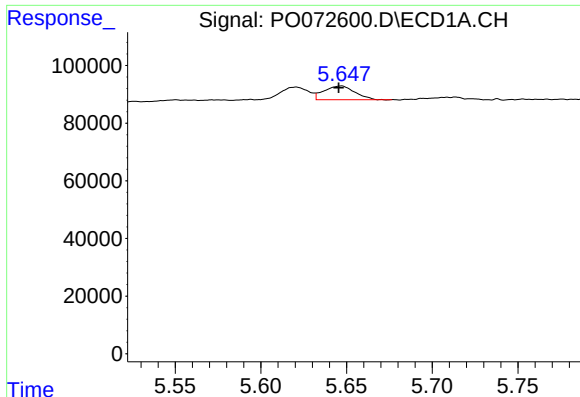
#7 AR-1016-5

R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 875490  
Conc: 431.15 ng/ml



#7 AR-1016-5

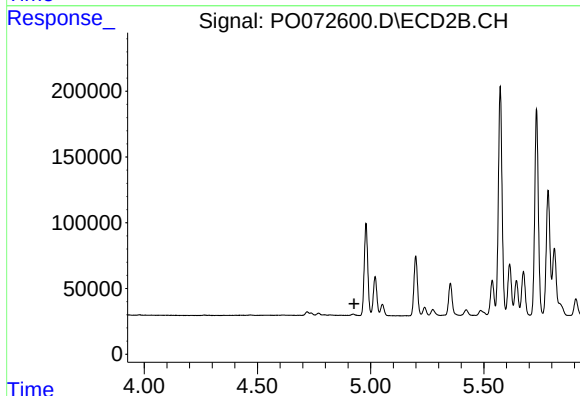
R.T.: 5.199 min  
Delta R.T.: -0.005 min  
Response: 487723  
Conc: 370.38 ng/ml



#13 AR-1232-3

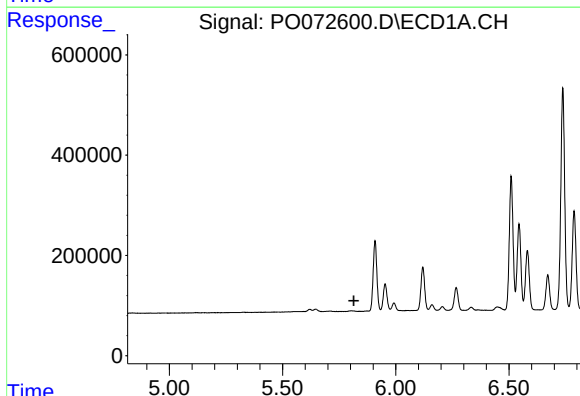
R.T.: 5.647 min  
Delta R.T.: 0.002 min  
Response: 59065  
Conc: 30.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



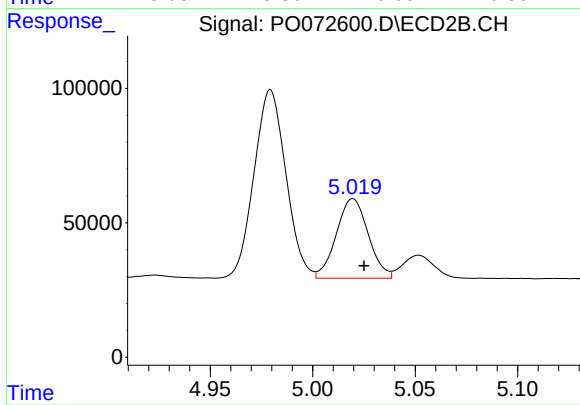
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.926 min  
Response: 0  
Conc: N.D.



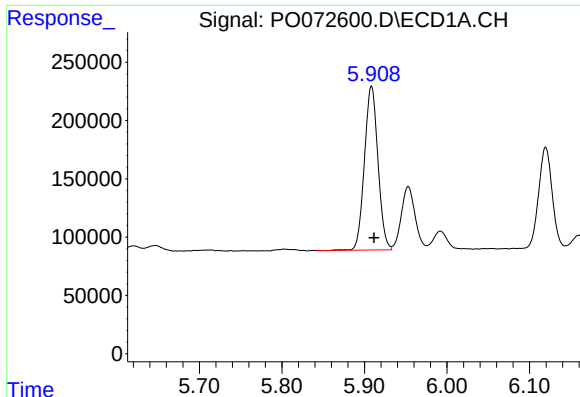
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.815 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

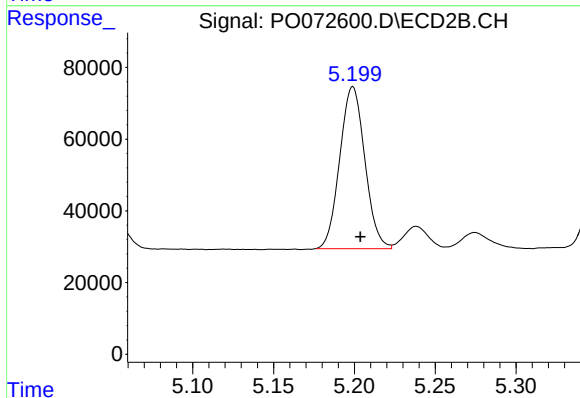
R.T.: 5.020 min  
Delta R.T.: -0.005 min  
Response: 320749  
Conc: 728.50 ng/ml



#15 AR-1232-5

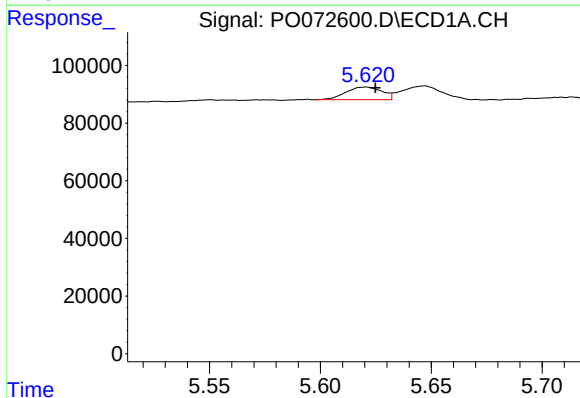
R.T.: 5.909 min  
Delta R.T.: -0.003 min  
Response: 1596297  
Conc: 2662.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



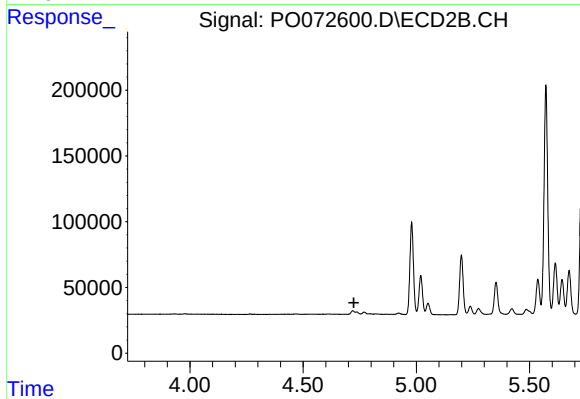
#15 AR-1232-5

R.T.: 5.199 min  
Delta R.T.: -0.005 min  
Response: 487723  
Conc: 954.66 ng/ml



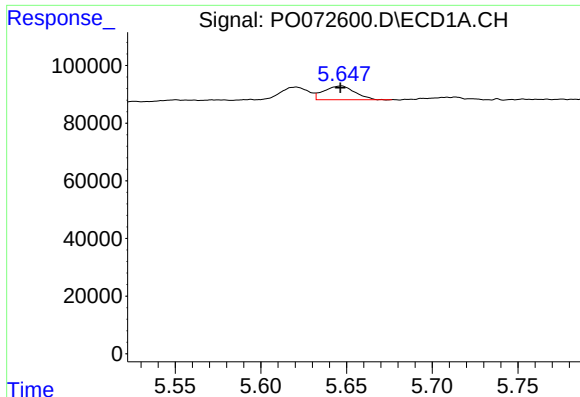
#16 AR-1242-1

R.T.: 5.620 min  
Delta R.T.: -0.004 min  
Response: 49112  
Conc: 20.17 ng/ml



#16 AR-1242-1

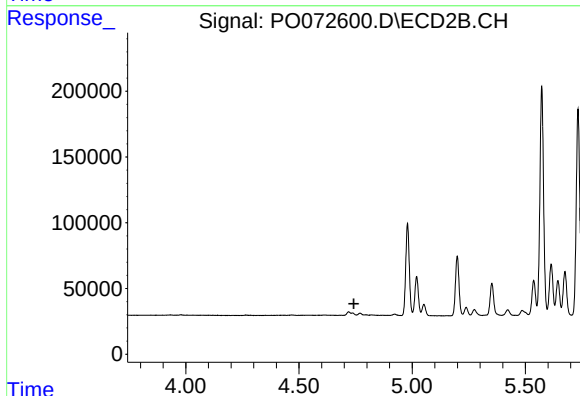
R.T.: 0.000 min  
Exp R.T.: 4.725 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

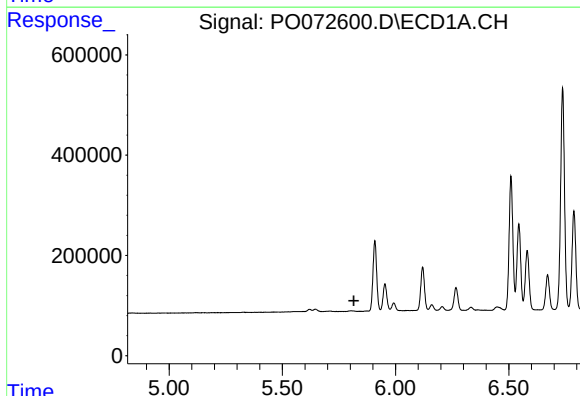
R.T.: 5.647 min  
Delta R.T.: 0.000 min  
Response: 59065  
Conc: 16.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



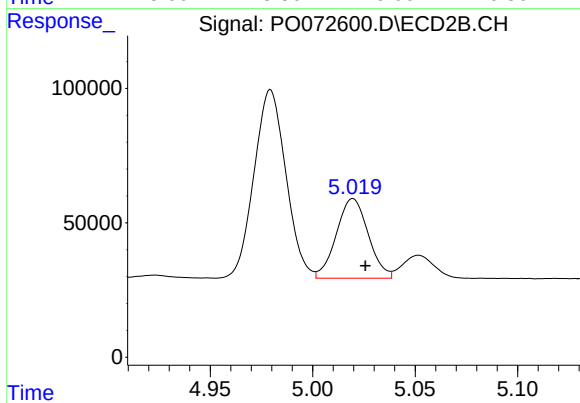
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.742 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

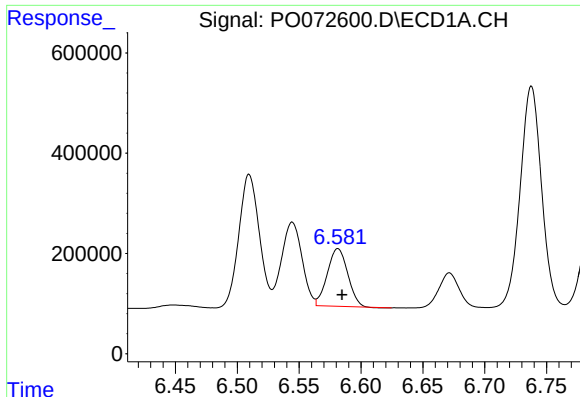
R.T.: 0.000 min  
Exp R.T. : 5.816 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

R.T.: 5.020 min  
Delta R.T.: -0.006 min  
Response: 320749  
Conc: 362.11 ng/ml

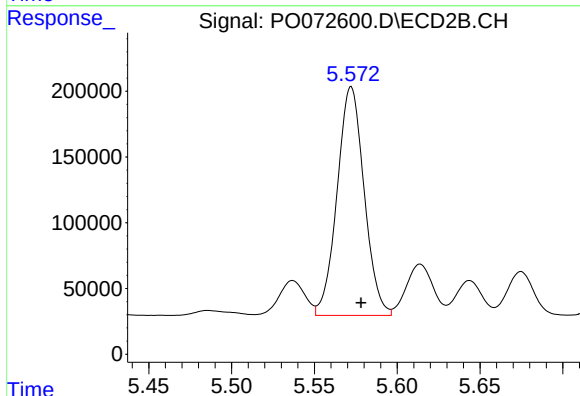




#20 AR-1242-5

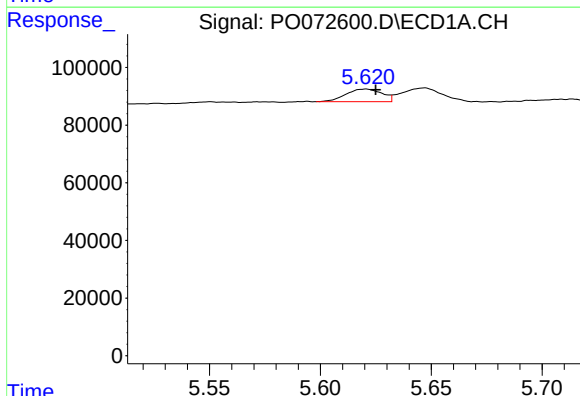
R.T.: 6.581 min  
Delta R.T.: -0.003 min  
Response: 1324337  
Conc: 568.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



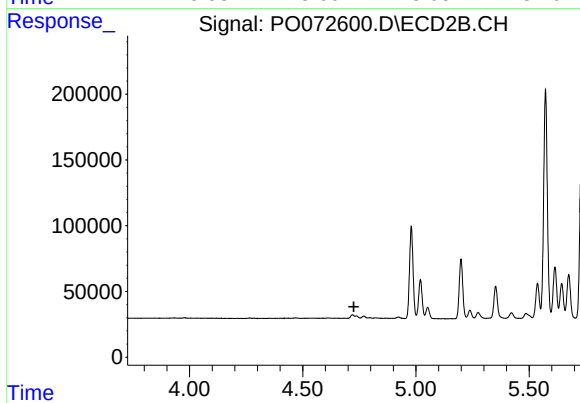
#20 AR-1242-5

R.T.: 5.572 min  
Delta R.T.: -0.006 min  
Response: 1976209  
Conc: 1439.42 ng/ml



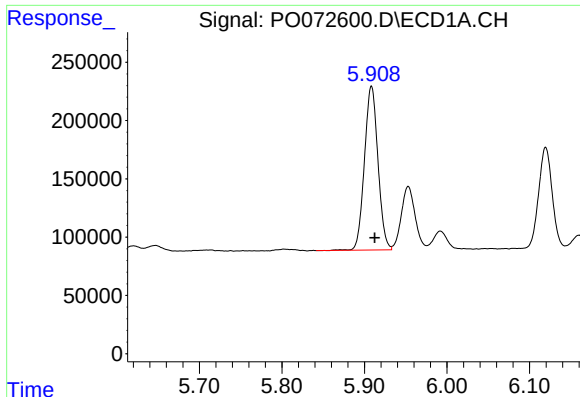
#21 AR-1248-1

R.T.: 5.620 min  
Delta R.T.: -0.005 min  
Response: 49112  
Conc: 26.27 ng/ml



#21 AR-1248-1

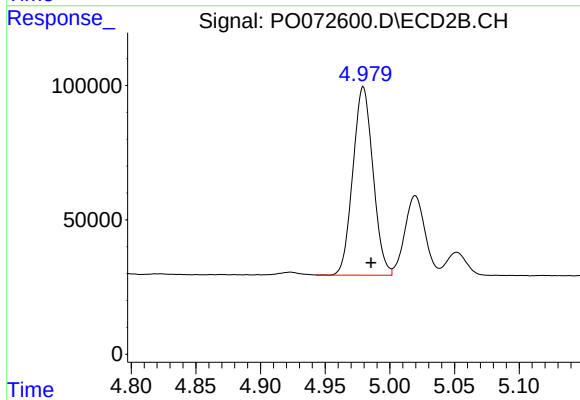
R.T.: 0.000 min  
Exp R.T.: 4.726 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

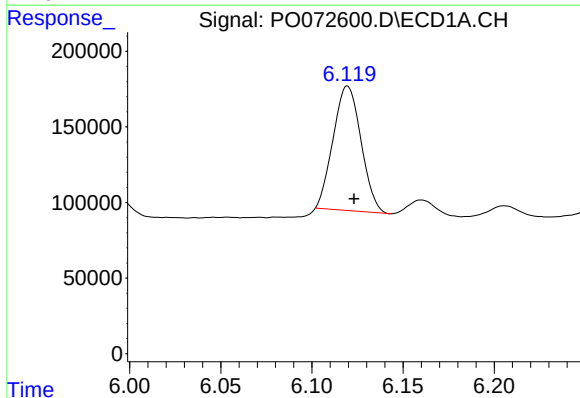
R.T.: 5.909 min  
Delta R.T.: -0.004 min  
Response: 1596297  
Conc: 638.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



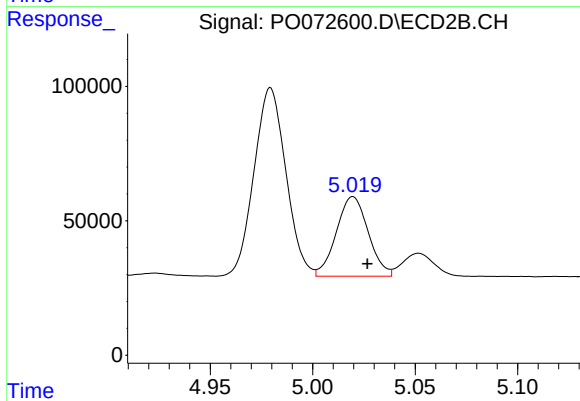
#22 AR-1248-2

R.T.: 4.979 min  
Delta R.T.: -0.006 min  
Response: 758352  
Conc: 531.85 ng/ml



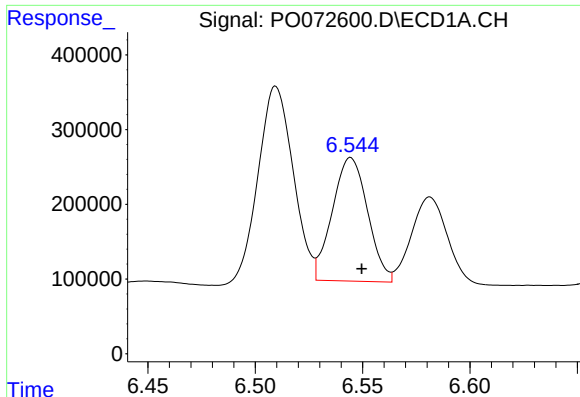
#23 AR-1248-3

R.T.: 6.120 min  
Delta R.T.: -0.004 min  
Response: 875490  
Conc: 302.19 ng/ml



#23 AR-1248-3

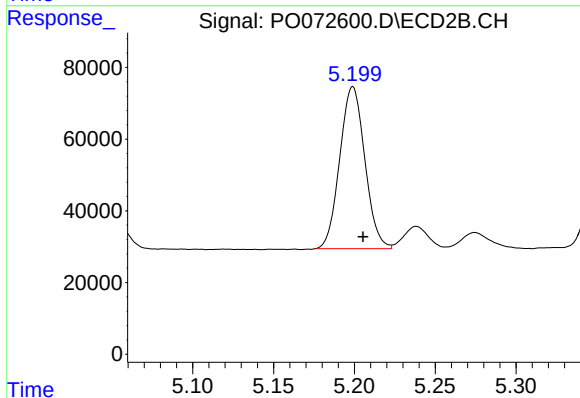
R.T.: 5.020 min  
Delta R.T.: -0.007 min  
Response: 320749  
Conc: 238.83 ng/ml



#24 AR-1248-4

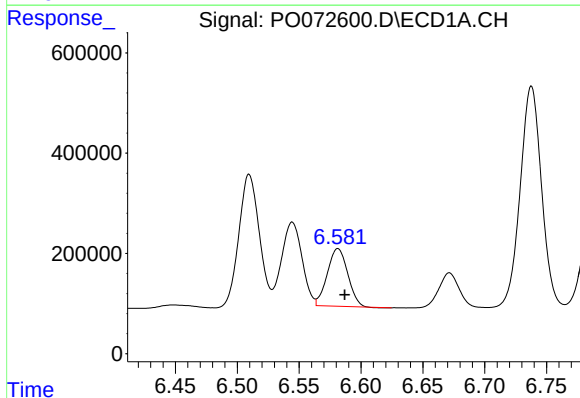
R.T.: 6.544 min  
Delta R.T.: -0.005 min  
Response: 1892340  
Conc: 427.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



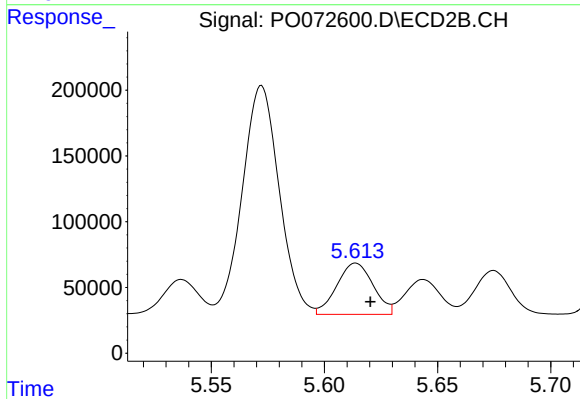
#24 AR-1248-4

R.T.: 5.199 min  
Delta R.T.: -0.006 min  
Response: 487723  
Conc: 290.43 ng/ml



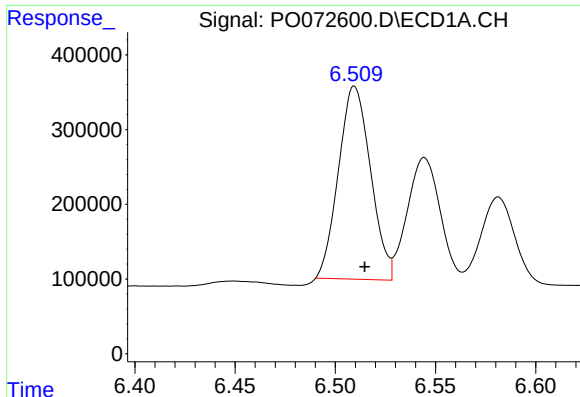
#25 AR-1248-5

R.T.: 6.581 min  
Delta R.T.: -0.006 min  
Response: 1324337  
Conc: 336.88 ng/ml



#25 AR-1248-5

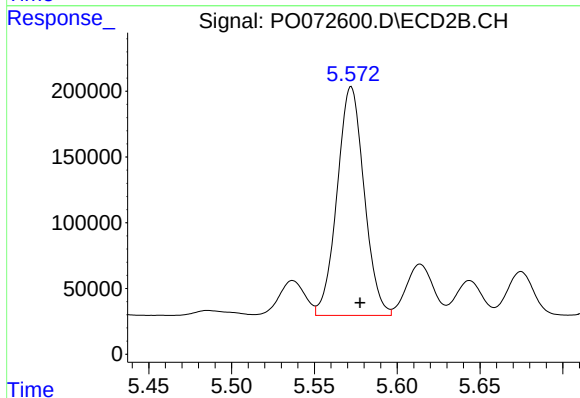
R.T.: 5.614 min  
Delta R.T.: -0.007 min  
Response: 435524  
Conc: 235.80 ng/ml



#26 AR-1254-1

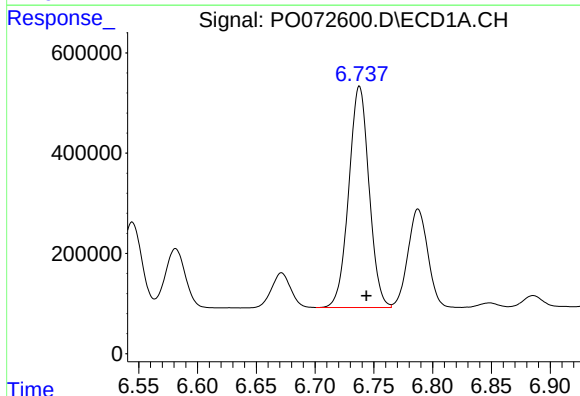
R.T.: 6.510 min  
Delta R.T.: -0.005 min  
Response: 2875769  
Conc: 680.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



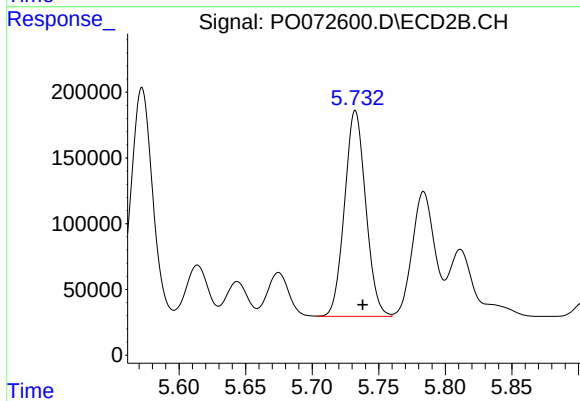
#26 AR-1254-1

R.T.: 5.572 min  
Delta R.T.: -0.005 min  
Response: 1976209  
Conc: 714.93 ng/ml



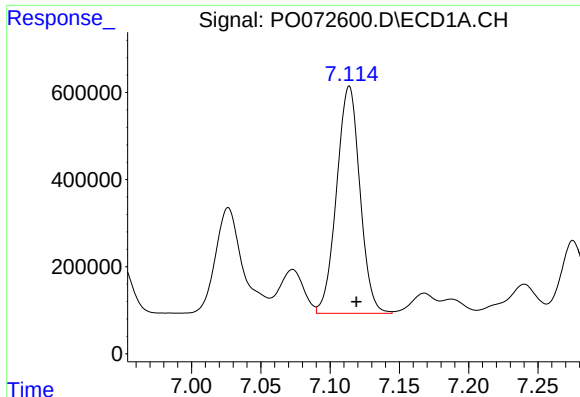
#27 AR-1254-2

R.T.: 6.738 min  
Delta R.T.: -0.006 min  
Response: 5299470  
Conc: 817.70 ng/ml



#27 AR-1254-2

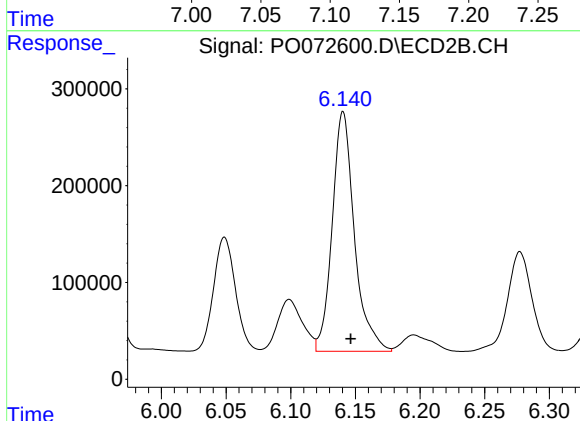
R.T.: 5.732 min  
Delta R.T.: -0.006 min  
Response: 1737438  
Conc: 714.62 ng/ml



#28 AR-1254-3

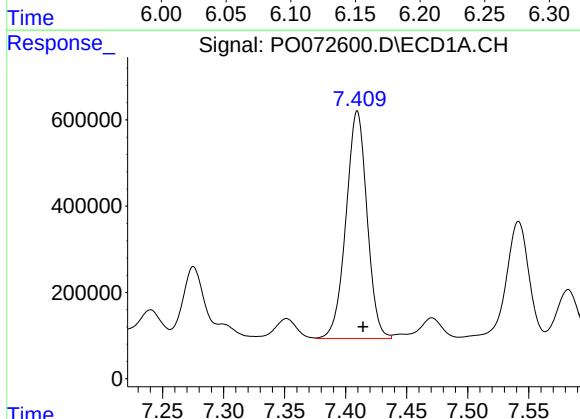
R.T.: 7.114 min  
Delta R.T.: -0.005 min  
Response: 6114047  
Conc: 899.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



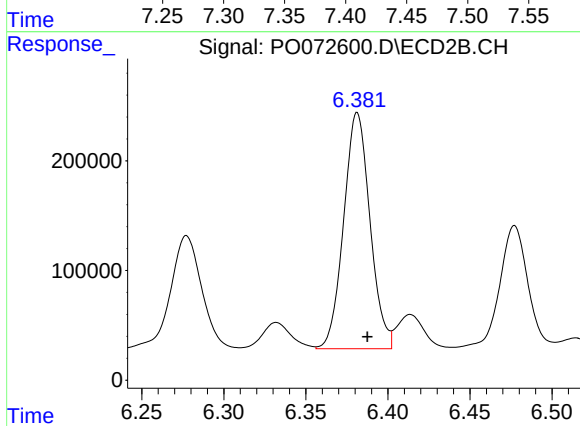
#28 AR-1254-3

R.T.: 6.141 min  
Delta R.T.: -0.006 min  
Response: 2959171  
Conc: 769.00 ng/ml



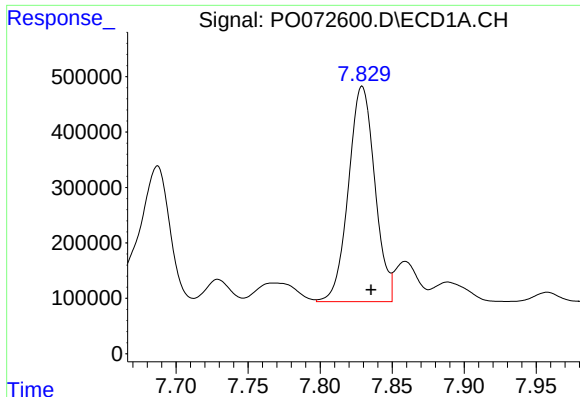
#29 AR-1254-4

R.T.: 7.410 min  
Delta R.T.: -0.005 min  
Response: 6328120  
Conc: 954.72 ng/ml



#29 AR-1254-4

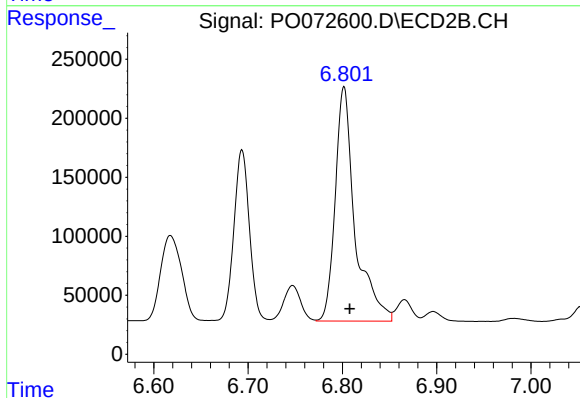
R.T.: 6.381 min  
Delta R.T.: -0.006 min  
Response: 2405407  
Conc: 895.78 ng/ml



#30 AR-1254-5

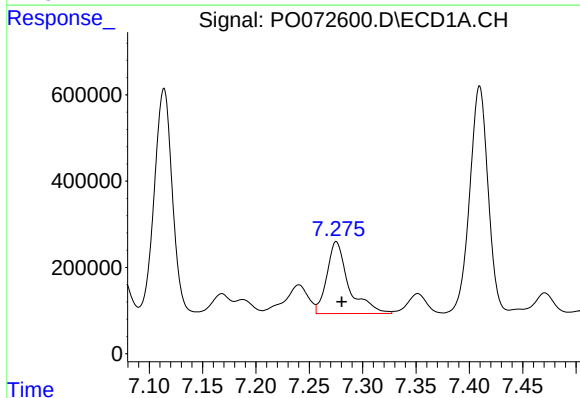
R.T.: 7.829 min  
Delta R.T.: -0.006 min  
Response: 4954321  
Conc: 773.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



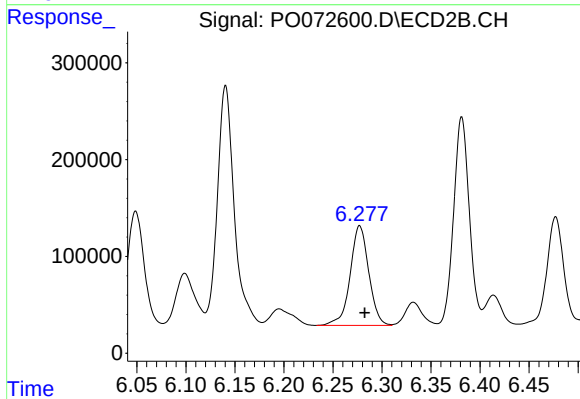
#30 AR-1254-5

R.T.: 6.802 min  
Delta R.T.: -0.006 min  
Response: 2898213  
Conc: 790.84 ng/ml



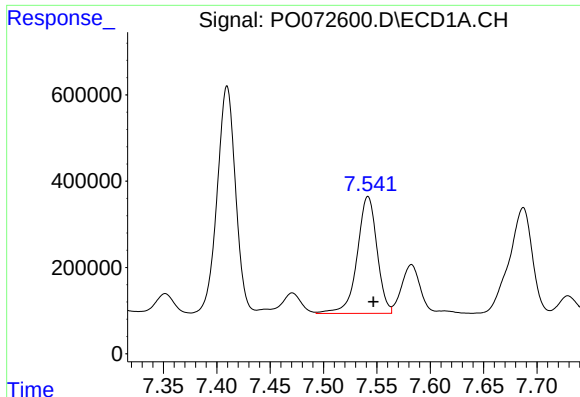
#31 AR-1260-1

R.T.: 7.275 min  
Delta R.T.: -0.005 min  
Response: 2382169  
Conc: 488.83 ng/ml



#31 AR-1260-1

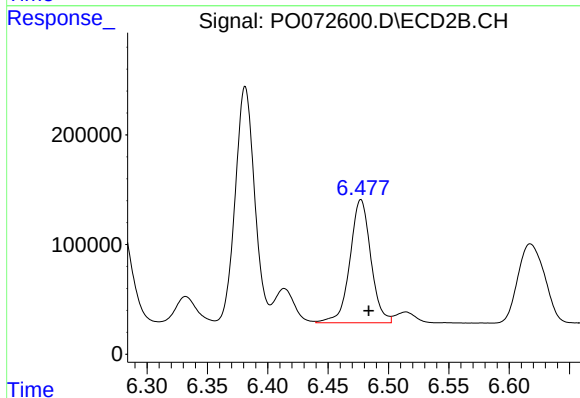
R.T.: 6.277 min  
Delta R.T.: -0.005 min  
Response: 1361506  
Conc: 532.21 ng/ml



#32 AR-1260-2

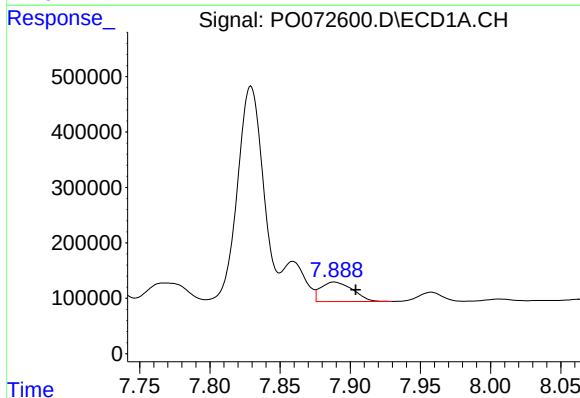
R.T.: 7.542 min  
Delta R.T.: -0.005 min  
Response: 3508049  
Conc: 457.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



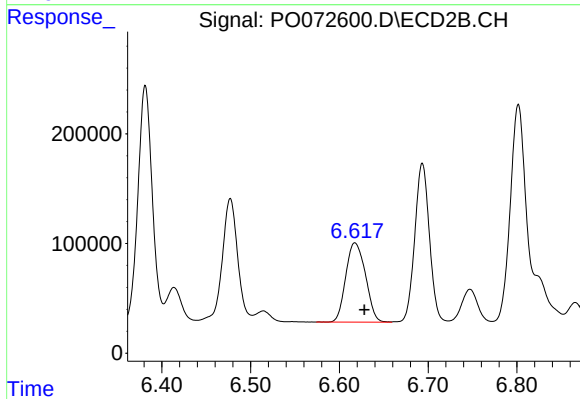
#32 AR-1260-2

R.T.: 6.477 min  
Delta R.T.: -0.006 min  
Response: 1353209  
Conc: 419.66 ng/ml



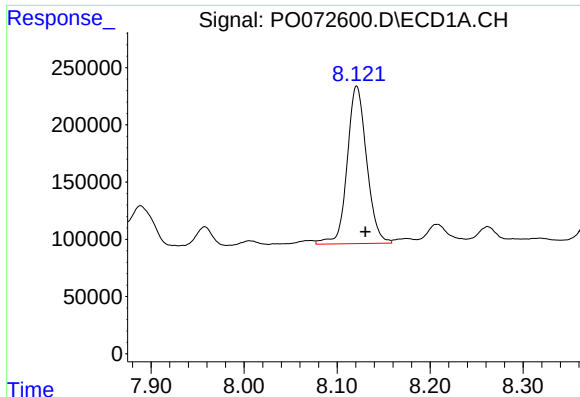
#33 AR-1260-3

R.T.: 7.889 min  
Delta R.T.: -0.015 min  
Response: 556937  
Conc: 86.90 ng/ml



#33 AR-1260-3

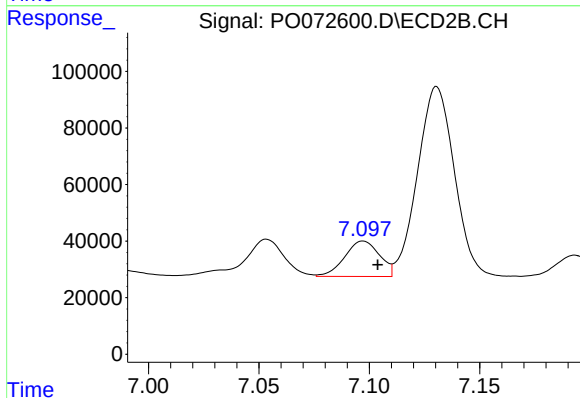
R.T.: 6.618 min  
Delta R.T.: -0.011 min  
Response: 1114609  
Conc: 371.38 ng/ml



#34 AR-1260-4

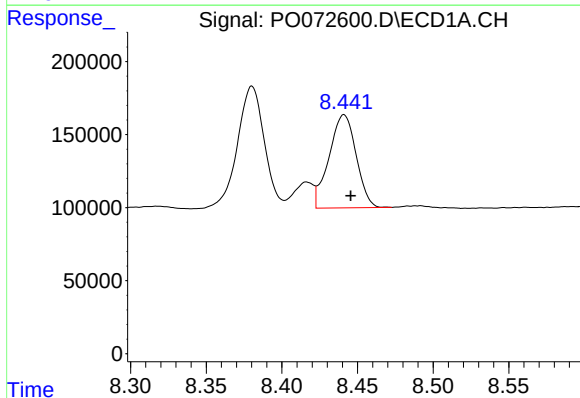
R.T.: 8.121 min  
Delta R.T.: -0.009 min  
Response: 2001125  
Conc: 328.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



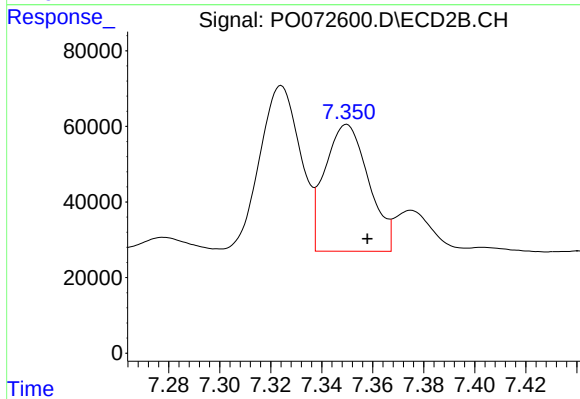
#34 AR-1260-4

R.T.: 7.097 min  
Delta R.T.: -0.007 min  
Response: 137249  
Conc: 52.06 ng/ml



#35 AR-1260-5

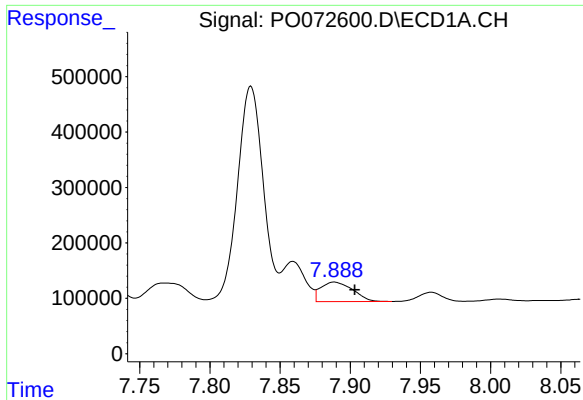
R.T.: 8.441 min  
Delta R.T.: -0.004 min  
Response: 794715  
Conc: 54.70 ng/ml



#35 AR-1260-5

R.T.: 7.350 min  
Delta R.T.: -0.008 min  
Response: 399154  
Conc: 61.10 ng/ml

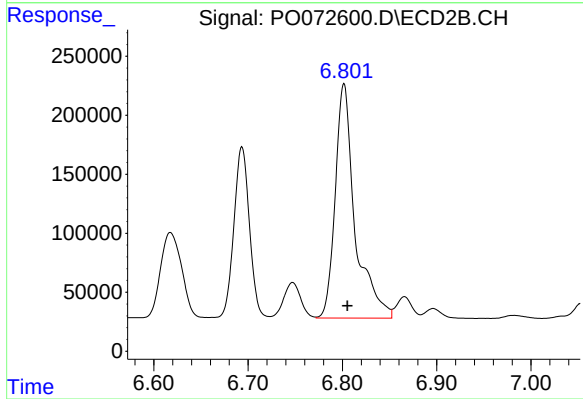




#36 AR-1262-1

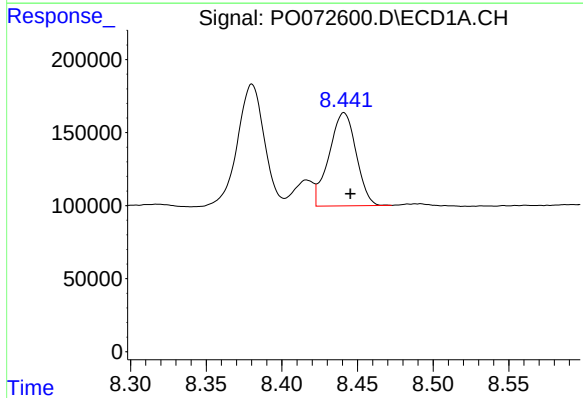
R.T.: 7.889 min  
Delta R.T.: -0.014 min  
Response: 556937  
Conc: 58.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



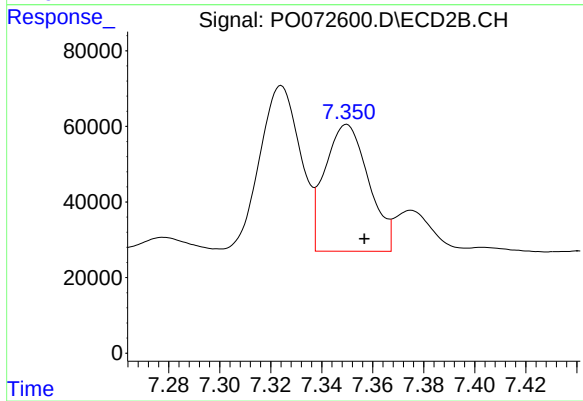
#36 AR-1262-1

R.T.: 6.802 min  
Delta R.T.: -0.003 min  
Response: 2898213  
Conc: 1518.90 ng/ml



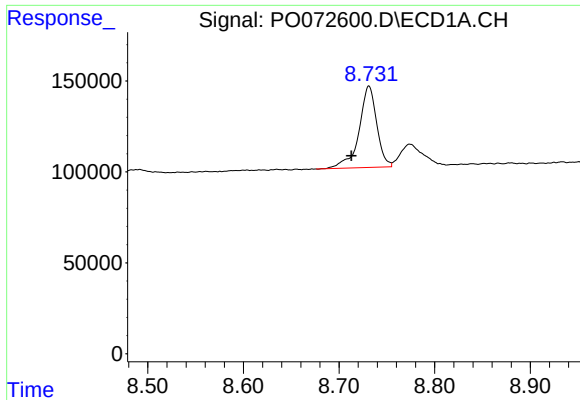
#37 AR-1262-2

R.T.: 8.441 min  
Delta R.T.: -0.004 min  
Response: 794715  
Conc: 49.72 ng/ml



#37 AR-1262-2

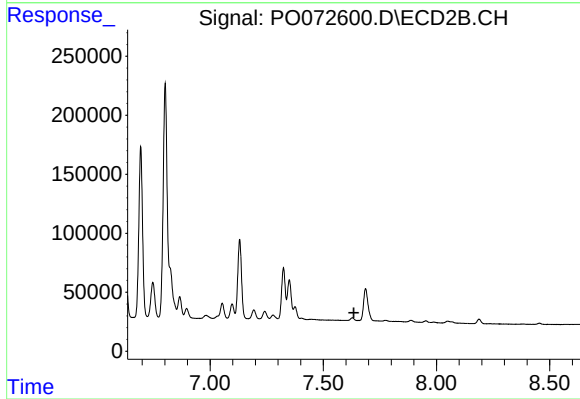
R.T.: 7.350 min  
Delta R.T.: -0.007 min  
Response: 399154  
Conc: 59.76 ng/ml



#38 AR-1262-3

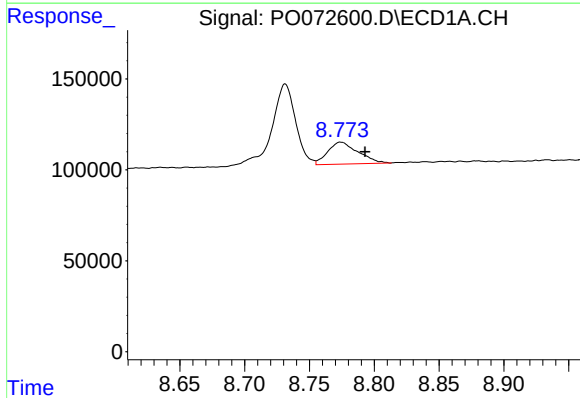
R.T.: 8.731 min  
Delta R.T.: 0.018 min  
Response: 573483  
Conc: 82.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



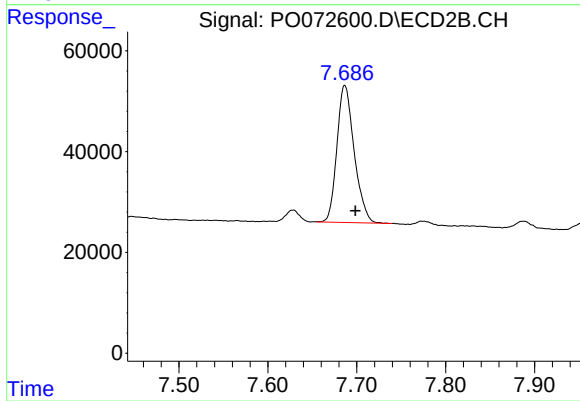
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.635 min  
Response: 0  
Conc: N.D.



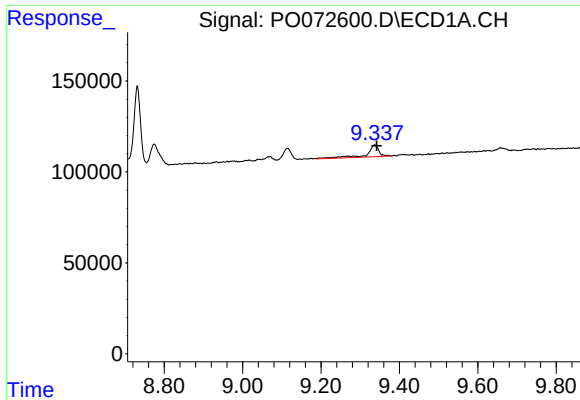
#39 AR-1262-4

R.T.: 8.774 min  
Delta R.T.: -0.019 min  
Response: 197000  
Conc: 49.30 ng/ml



#39 AR-1262-4

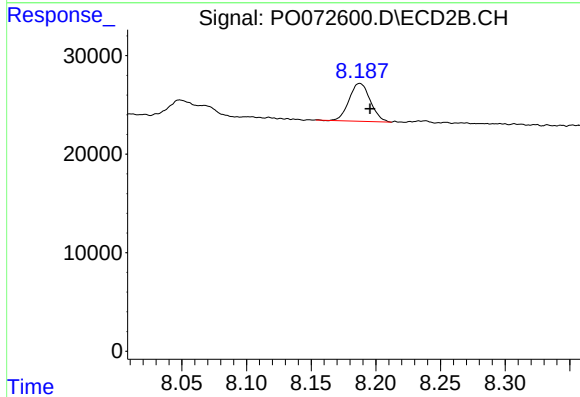
R.T.: 7.687 min  
Delta R.T.: -0.012 min  
Response: 367779  
Conc: 71.36 ng/ml



#40 AR-1262-5

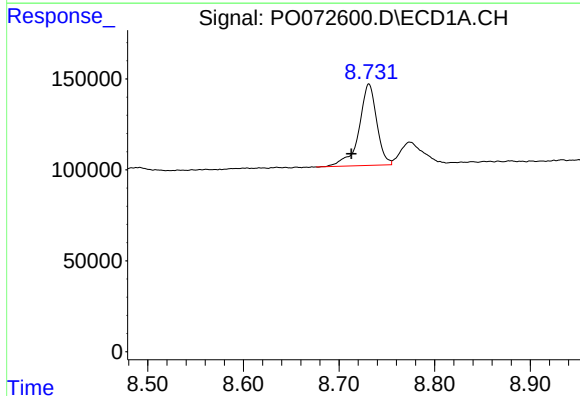
R.T.: 9.337 min  
Delta R.T.: -0.005 min  
Response: 140431  
Conc: 26.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



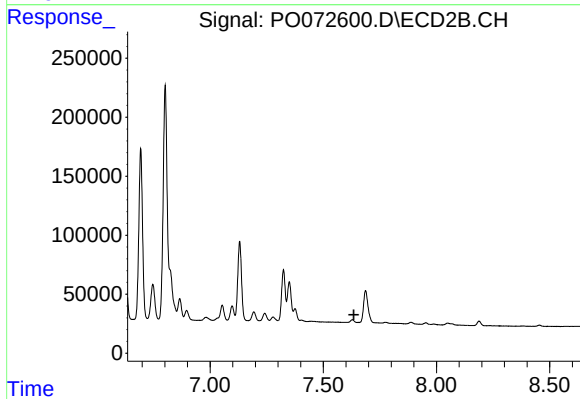
#40 AR-1262-5

R.T.: 8.188 min  
Delta R.T.: -0.008 min  
Response: 43885  
Conc: 17.38 ng/ml



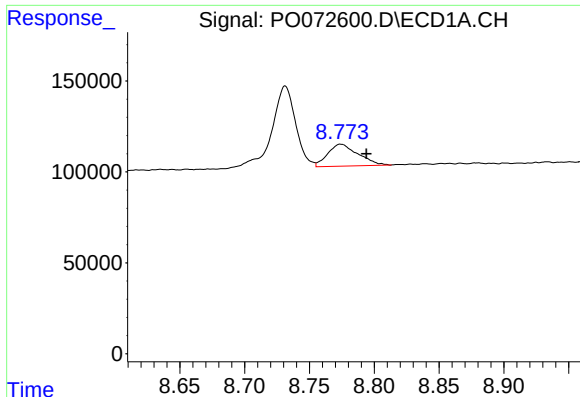
#41 AR-1268-1

R.T.: 8.731 min  
Delta R.T.: 0.019 min  
Response: 573483  
Conc: 29.79 ng/ml



#41 AR-1268-1

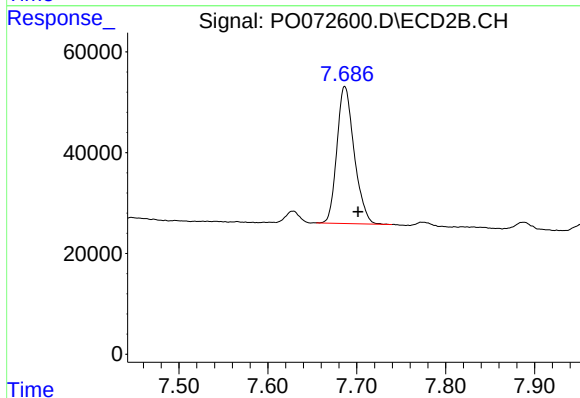
R.T.: 0.000 min  
Exp R.T.: 7.635 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

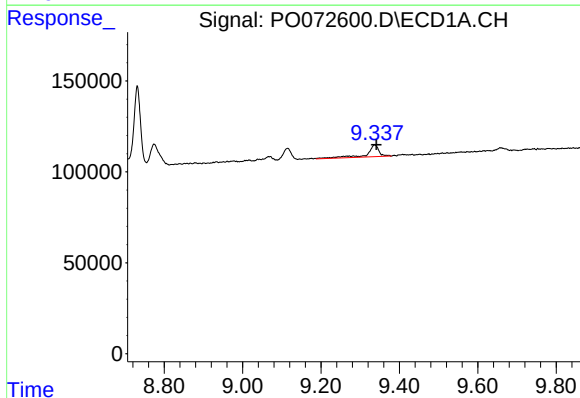
R.T.: 8.774 min  
Delta R.T.: -0.020 min  
Response: 197000  
Conc: 11.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



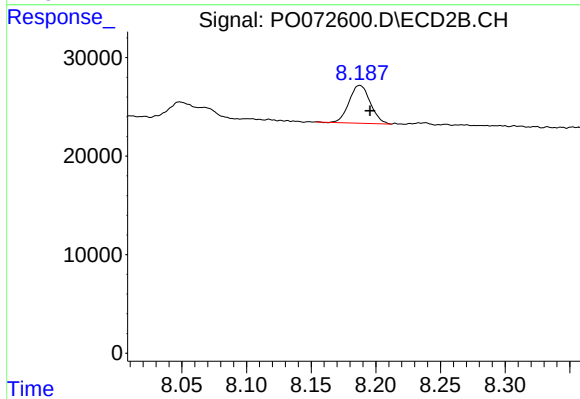
#42 AR-1268-2

R.T.: 7.687 min  
Delta R.T.: -0.015 min  
Response: 367779  
Conc: 50.55 ng/ml



#44 AR-1268-4

R.T.: 9.337 min  
Delta R.T.: -0.005 min  
Response: 140431  
Conc: 23.54 ng/ml



#44 AR-1268-4

R.T.: 8.188 min  
Delta R.T.: -0.008 min  
Response: 43885  
Conc: 15.52 ng/ml