

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0090419\  
 Data File : P0060308.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Sep 2019 11:59  
 Operator : SM/AJ  
 Sample : K4627-04DL 5000X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 7-6-EWC-2DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 05 01:08:38 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 30 18:12:46 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 |              |       |       |          |          |          |            |
| Target Compounds            |              |       |       |          |          |          |            |
| 5)                          | L1 AR-1016-3 | 0.000 | 4.707 | 0        | 1219     | N.D.     | 1.127 #    |
| 6)                          | L1 AR-1016-4 | 0.000 | 4.766 | 0        | 154901   | N.D.     | 171.542 #  |
| 7)                          | L1 AR-1016-5 | 0.000 | 4.974 | 0        | 92063    | N.D.     | 79.921 #   |
| 10)                         | L2 AR-1221-3 | 0.000 | 3.902 | 0        | 8887     | N.D.     | 9.082 #    |
| 11)                         | L3 AR-1232-1 | 0.000 | 3.902 | 0        | 8887     | N.D.     | 7.794 #    |
| 13)                         | L3 AR-1232-3 | 0.000 | 4.766 | 0        | 154901   | N.D.     | 227.491 #  |
| 14)                         | L3 AR-1232-4 | 5.524 | 4.807 | 217835   | 30778    | 278.604  | 50.450 #   |
| 15)                         | L3 AR-1232-5 | 5.524 | 4.974 | 217835   | 92063    | 362.376  | 135.241 #  |
| 18)                         | L4 AR-1242-3 | 0.000 | 4.766 | 0        | 154901   | N.D.     | 185.399 #  |
| 19)                         | L4 AR-1242-4 | 5.524 | 4.807 | 217835   | 30778    | 225.065  | 36.887 #   |
| 20)                         | L4 AR-1242-5 | 6.244 | 5.317 | 598721   | 1842359  | 476.462  | 1647.017 # |
| 22)                         | L5 AR-1248-2 | 5.524 | 4.766 | 217835   | 154901   | 150.137  | 134.332    |
| 23)                         | L5 AR-1248-3 | 0.000 | 4.807 | 0        | 30778    | N.D.     | 25.913 #   |
| 24)                         | L5 AR-1248-4 | 6.123 | 4.974 | 542981   | 92063    | 265.633  | 63.357 #   |
| 25)                         | L5 AR-1248-5 | 6.162 | 5.317 | 330468   | 1842359  | 166.644  | 1287.205 # |
| 26)                         | L6 AR-1254-1 | 6.123 | 5.317 | 542981   | 1842359  | 260.246  | 776.776 #  |
| 27)                         | L6 AR-1254-2 | 6.308 | 5.462 | 4243107  | 2879477  | 1271.819 | 1372.288   |
| 28)                         | L6 AR-1254-3 | 6.675 | 5.859 | 4724747  | 6488861  | 1331.493 | 1929.768 # |
| 29)                         | L6 AR-1254-4 | 6.957 | 6.109 | 4280080  | 2062957  | 1453.074 | 1000.547 # |
| 30)                         | L6 AR-1254-5 | 7.401 | 6.490 | 2601668  | 13233555 | 841.311  | 4262.051 # |
| 31)                         | L7 AR-1260-1 | 6.831 | 5.981 | 8629523  | 7120454  | 3201.076 | 3124.506   |
| 32)                         | L7 AR-1260-2 | 7.086 | 6.169 | 12853230 | 10313925 | 3464.034 | 3520.261   |
| 33)                         | L7 AR-1260-3 | 7.440 | 6.317 | 8751890  | 9233962  | 2671.246 | 3485.650 # |
| 34)                         | L7 AR-1260-4 | 7.666 | 6.779 | 10584516 | 6710303  | 3446.242 | 2965.777   |
| 35)                         | L7 AR-1260-5 | 7.975 | 7.022 | 20919275 | 19194170 | 2954.321 | 3487.745   |
| 36)                         | L8 AR-1262-1 | 7.498 | 6.523 | 4982747  | 8450879  | 1026.756 | 2267.138 # |
| 37)                         | L8 AR-1262-2 | 8.019 | 7.022 | 1334695  | 19194170 | 172.980  | 3264.843 # |
| 38)                         | L8 AR-1262-3 | 8.274 | 7.295 | 8571770  | 3298558  | 1679.980 | 1298.150   |
| 39)                         | L8 AR-1262-4 | 8.319 | 7.361 | 7723306  | 13293147 | 2003.592 | 3008.217 # |
| 40)                         | L8 AR-1262-5 | 8.924 | 7.853 | 4448507  | 3564181  | 1733.256 | 1974.003   |
| 41)                         | L9 AR-1268-1 | 8.274 | 7.295 | 8571770  | 3298558  | 910.857  | 463.220 #  |
| 42)                         | L9 AR-1268-2 | 8.319 | 7.361 | 7723306  | 13293147 | 979.781  | 2061.590 # |
| 43)                         | L9 AR-1268-3 | 8.632 | 7.620 | 467053   | 235552   | 66.260   | 43.050 #   |
| 44)                         | L9 AR-1268-4 | 8.924 | 7.853 | 4448507  | 3564181  | 1600.157 | 1746.040   |
| 45)                         | L9 AR-1268-5 | 9.280 | 8.118 | 842482   | 635904   | 45.682   | 43.767     |
| -----                       |              |       |       |          |          |          |            |

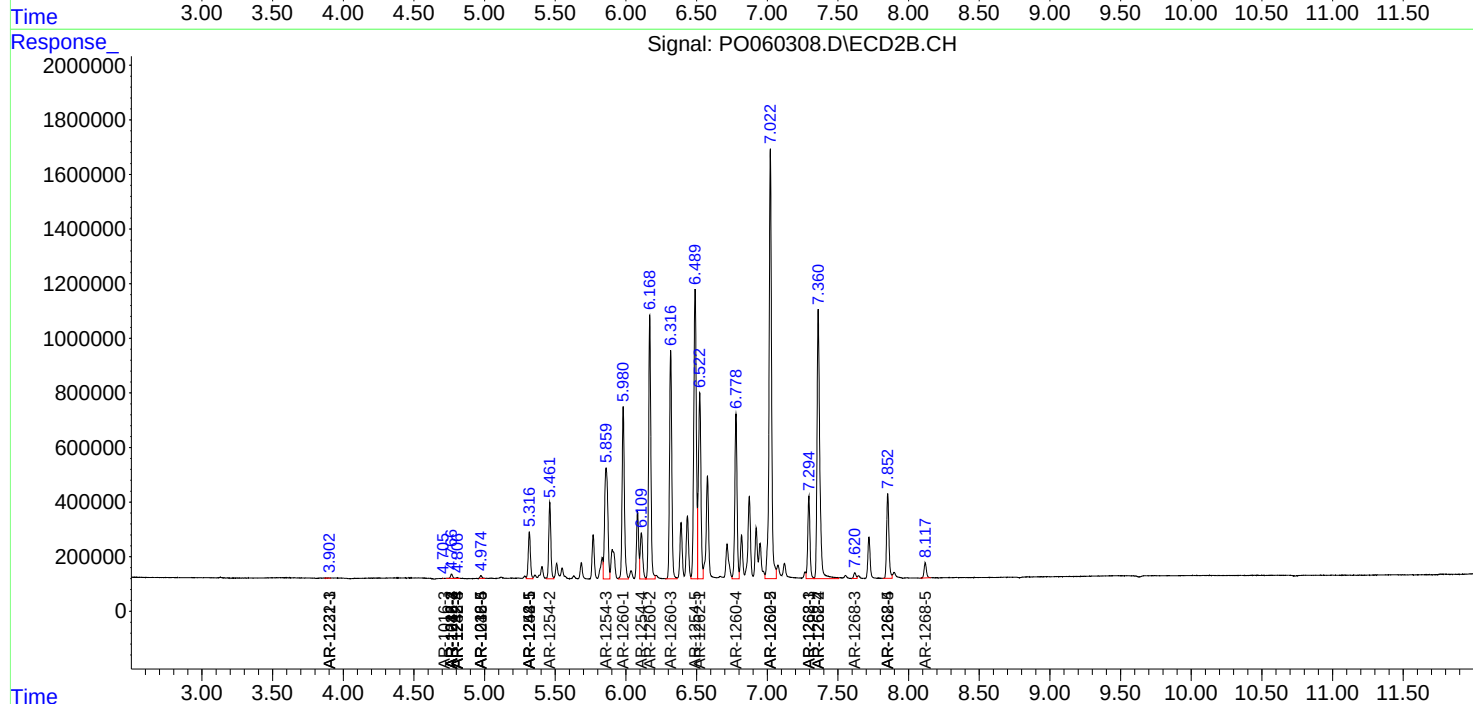
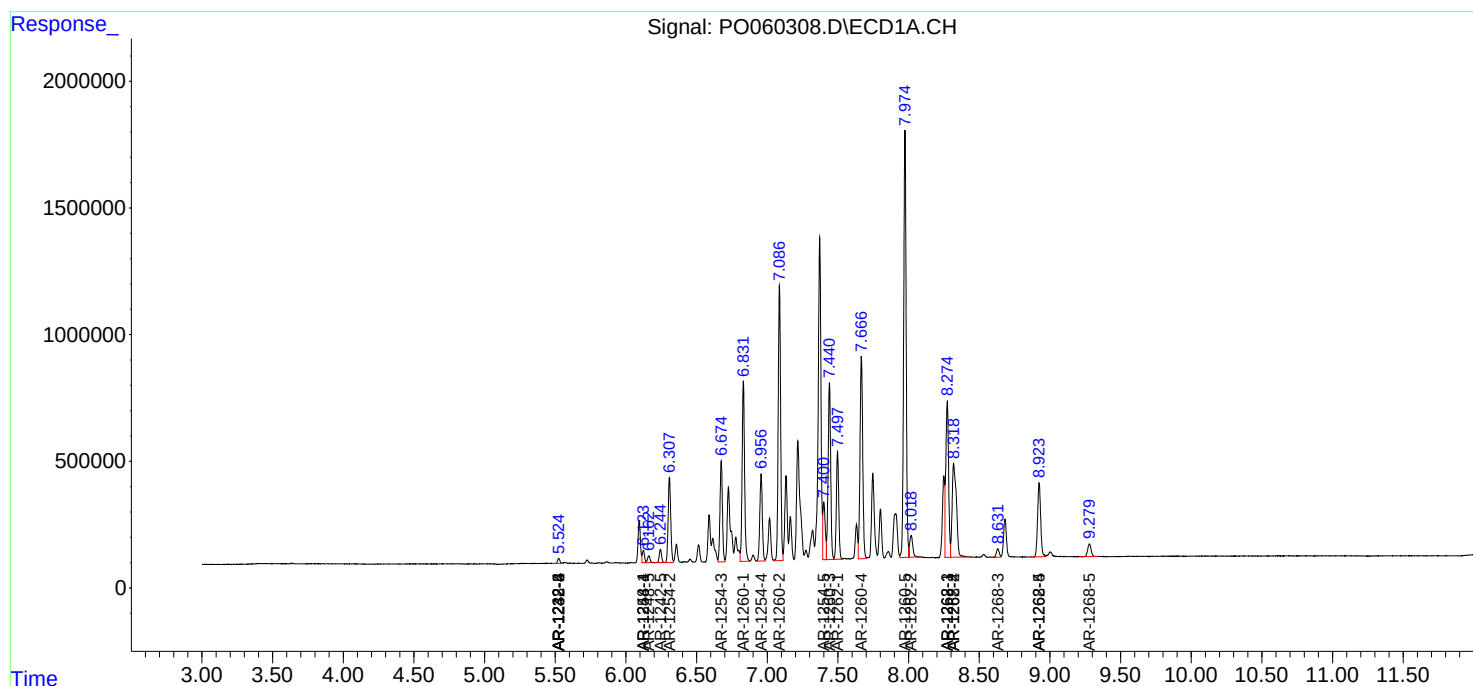
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

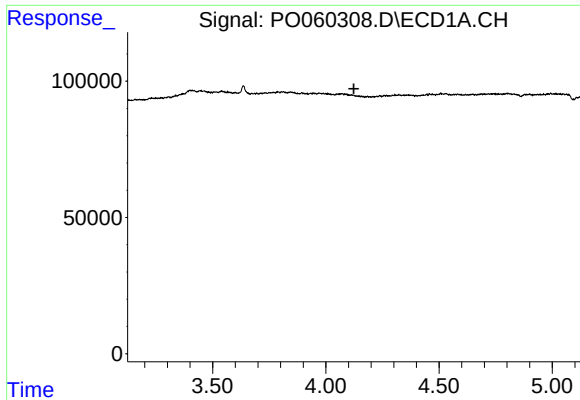
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0090419\  
Data File : P0060308.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 04 Sep 2019 11:59  
Operator : SM/AJ  
Sample : K4627-04DL 5000X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
7-6-EWC-2DL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 05 01:08:38 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 30 18:12:46 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

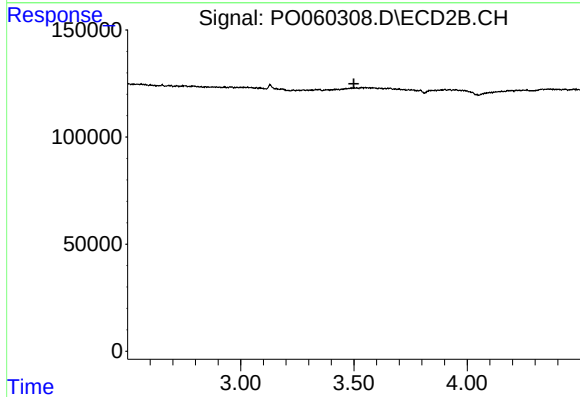




#1 Tetrachloro-m-xylene

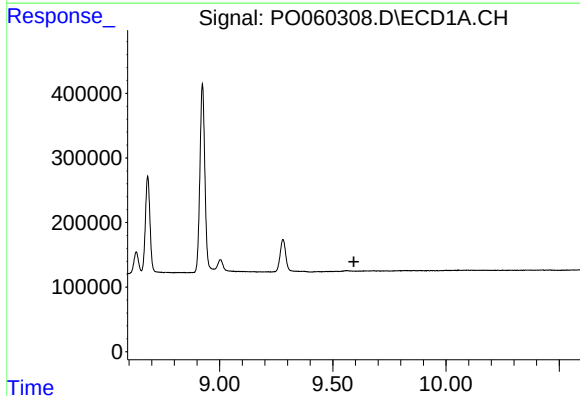
R.T.: 0.000 min  
Exp R.T. : 4.124 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



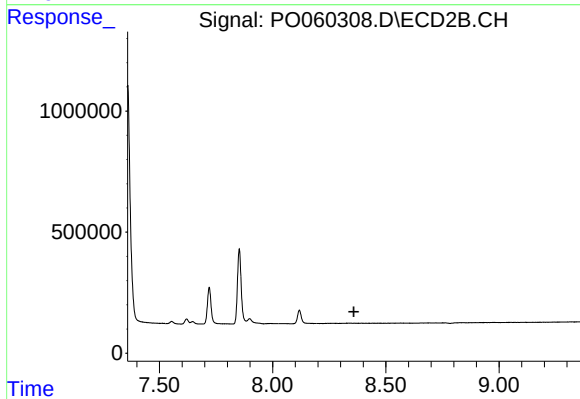
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.499 min  
Response: 0  
Conc: N.D.



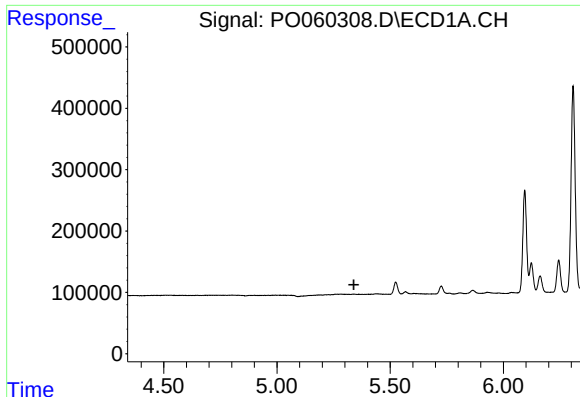
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 9.593 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

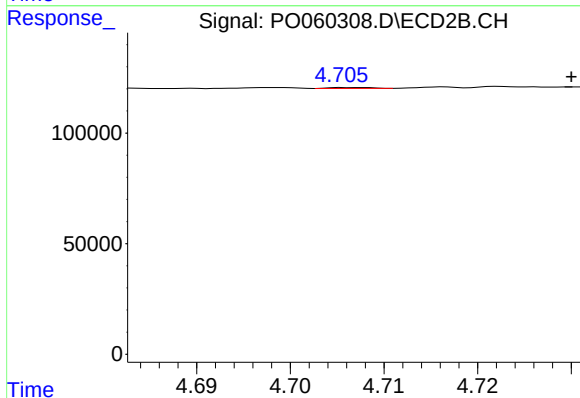
R.T.: 0.000 min  
Exp R.T. : 8.359 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

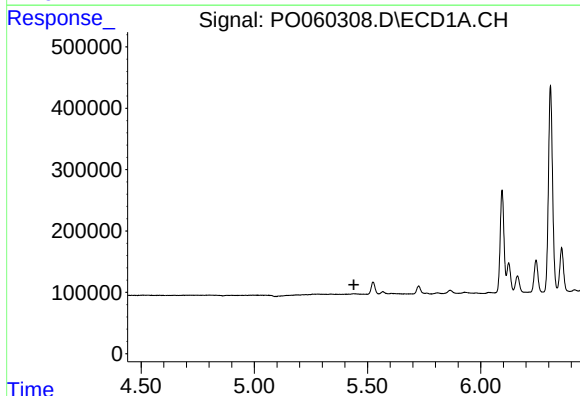
R.T.: 0.000 min  
Exp R.T.: 5.340 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



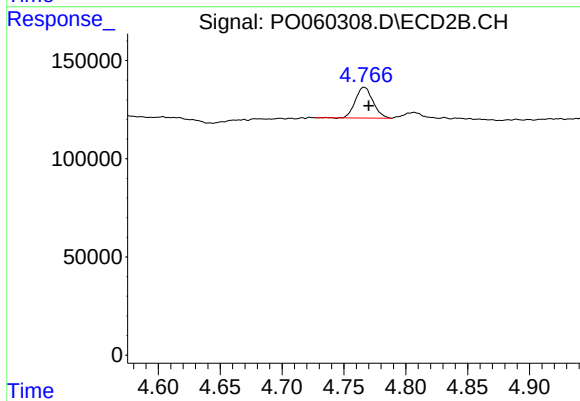
#5 AR-1016-3

R.T.: 4.707 min  
Delta R.T.: -0.023 min  
Response: 1219  
Conc: 1.13 ng/ml



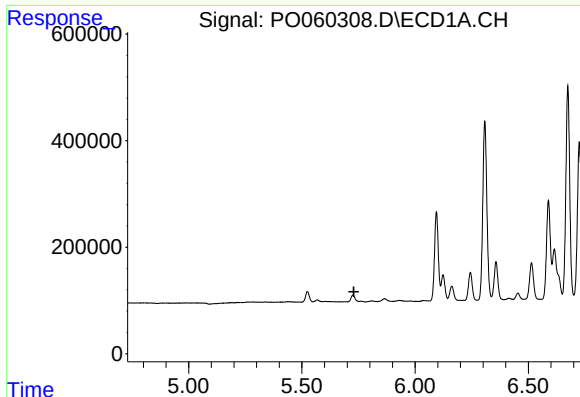
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.440 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

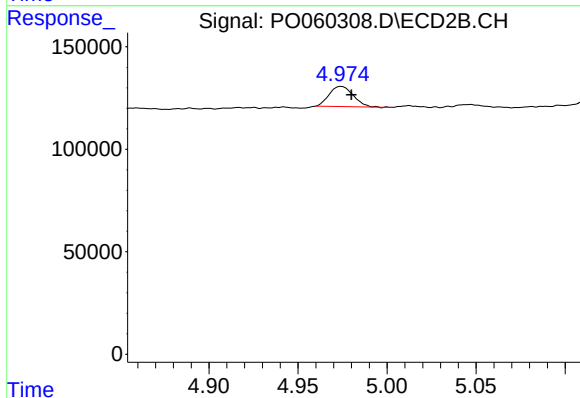
R.T.: 4.766 min  
Delta R.T.: -0.004 min  
Response: 154901  
Conc: 171.54 ng/ml



#7 AR-1016-5

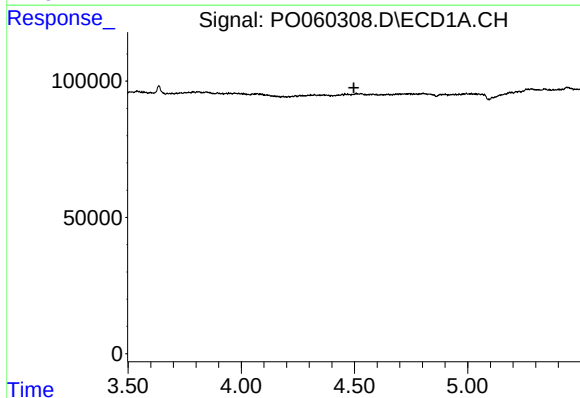
R.T.: 0.000 min  
Exp R.T.: 5.730 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



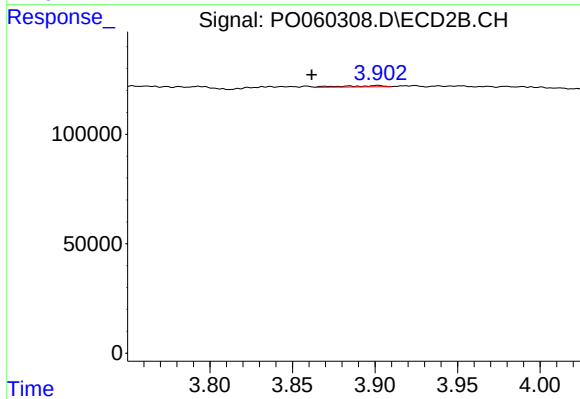
#7 AR-1016-5

R.T.: 4.974 min  
Delta R.T.: -0.006 min  
Response: 92063  
Conc: 79.92 ng/ml



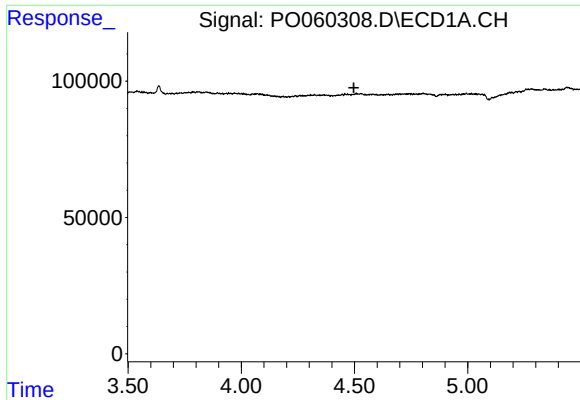
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.497 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

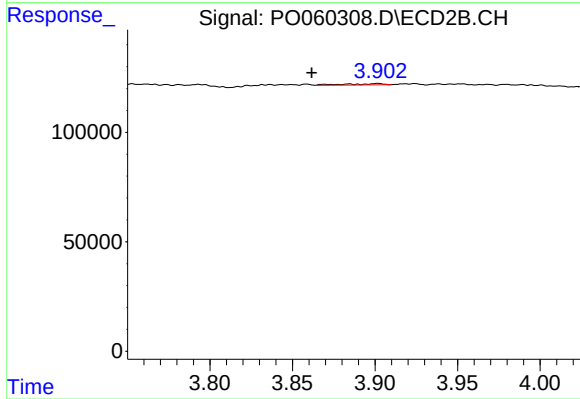
R.T.: 3.902 min  
Delta R.T.: 0.040 min  
Response: 8887  
Conc: 9.08 ng/ml



#11 AR-1232-1

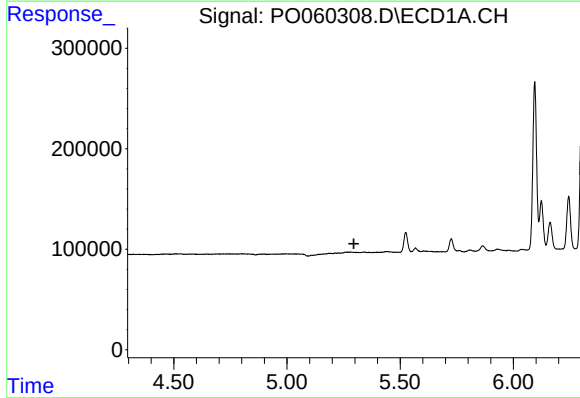
R.T.: 0.000 min  
Exp R.T.: 4.497 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



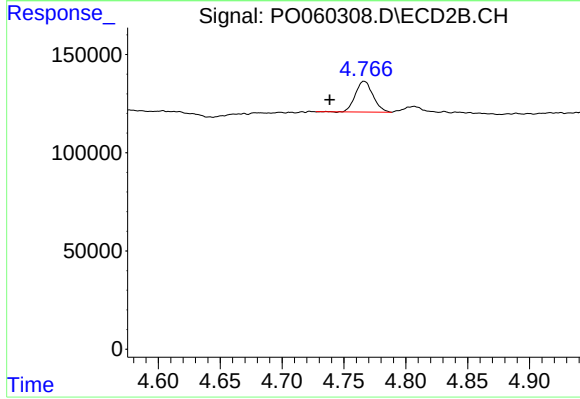
#11 AR-1232-1

R.T.: 3.902 min  
Delta R.T.: 0.040 min  
Response: 8887  
Conc: 7.79 ng/ml



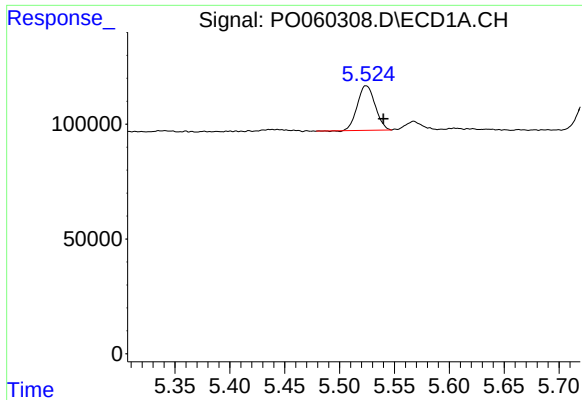
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.295 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

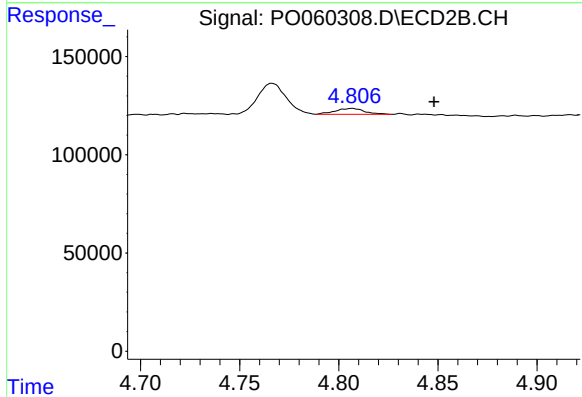
R.T.: 4.766 min  
Delta R.T.: 0.028 min  
Response: 154901  
Conc: 227.49 ng/ml



#14 AR-1232-4

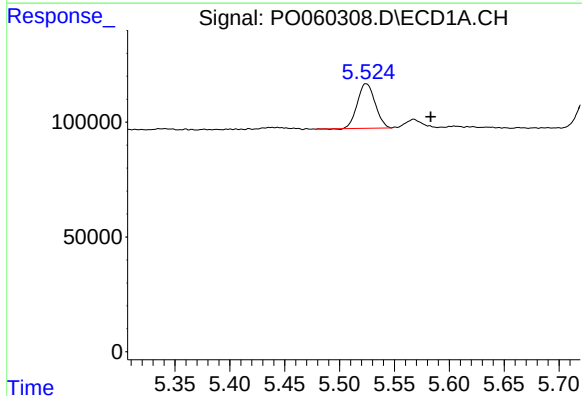
R.T.: 5.524 min  
Delta R.T.: -0.016 min  
Response: 217835  
Conc: 278.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



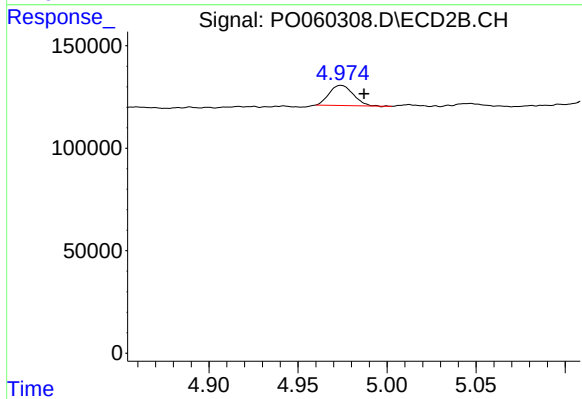
#14 AR-1232-4

R.T.: 4.807 min  
Delta R.T.: -0.041 min  
Response: 30778  
Conc: 50.45 ng/ml



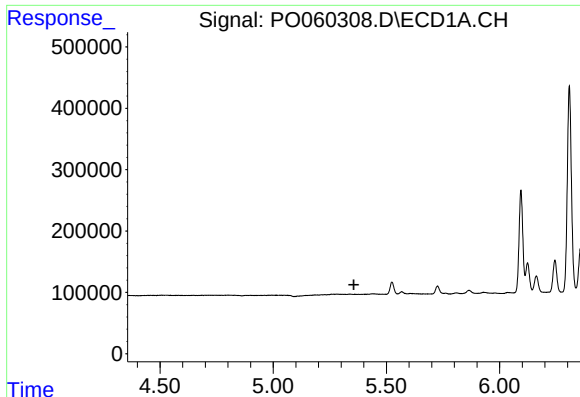
#15 AR-1232-5

R.T.: 5.524 min  
Delta R.T.: -0.059 min  
Response: 217835  
Conc: 362.38 ng/ml



#15 AR-1232-5

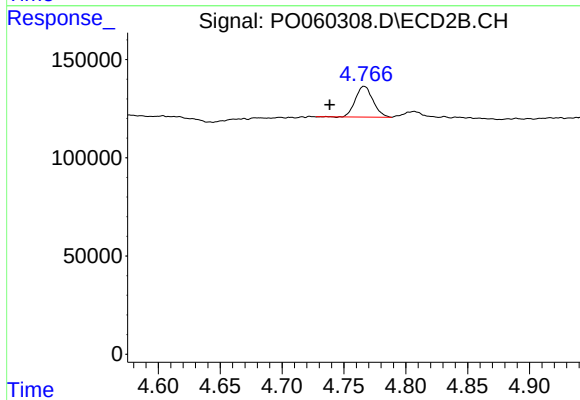
R.T.: 4.974 min  
Delta R.T.: -0.013 min  
Response: 92063  
Conc: 135.24 ng/ml



#18 AR-1242-3

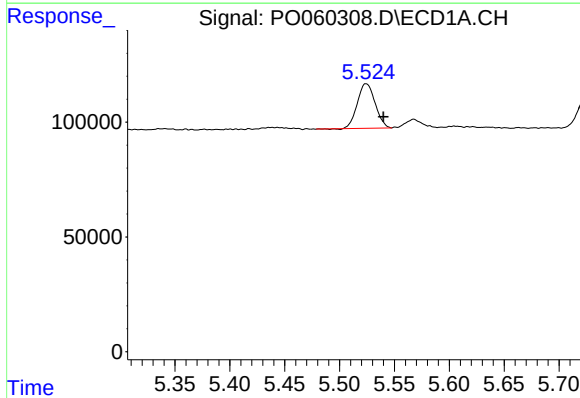
R.T.: 0.000 min  
Exp R.T.: 5.356 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



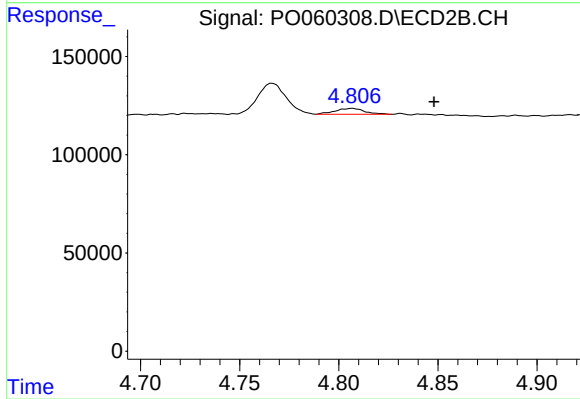
#18 AR-1242-3

R.T.: 4.766 min  
Delta R.T.: 0.028 min  
Response: 154901  
Conc: 185.40 ng/ml



#19 AR-1242-4

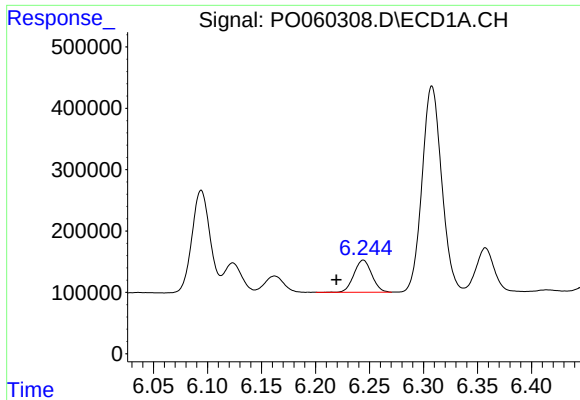
R.T.: 5.524 min  
Delta R.T.: -0.016 min  
Response: 217835  
Conc: 225.07 ng/ml



#19 AR-1242-4

R.T.: 4.807 min  
Delta R.T.: -0.041 min  
Response: 30778  
Conc: 36.89 ng/ml

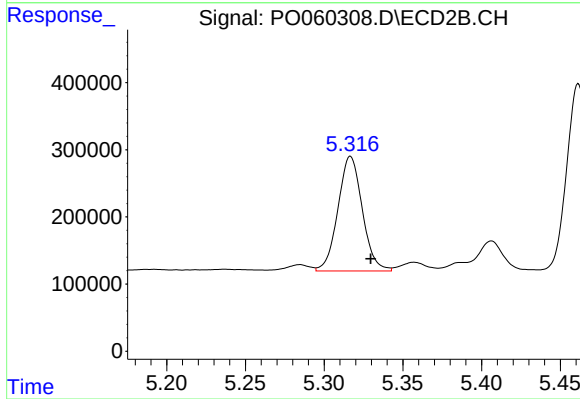




#20 AR-1242-5

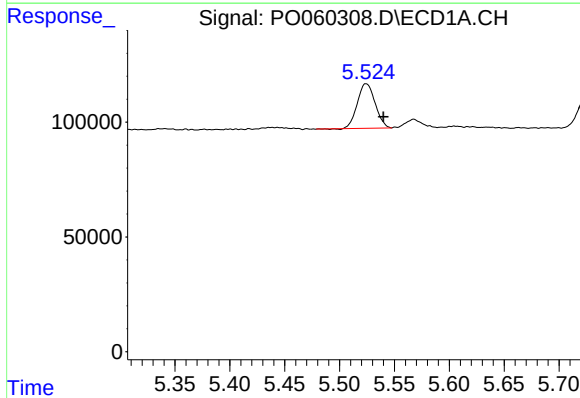
R.T.: 6.244 min  
Delta R.T.: 0.025 min  
Response: 598721  
Conc: 476.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



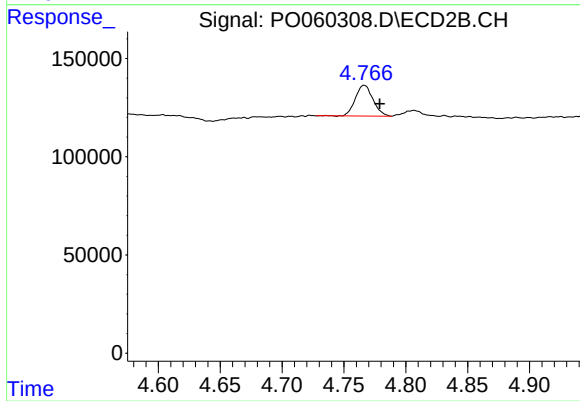
#20 AR-1242-5

R.T.: 5.317 min  
Delta R.T.: -0.013 min  
Response: 1842359  
Conc: 1647.02 ng/ml



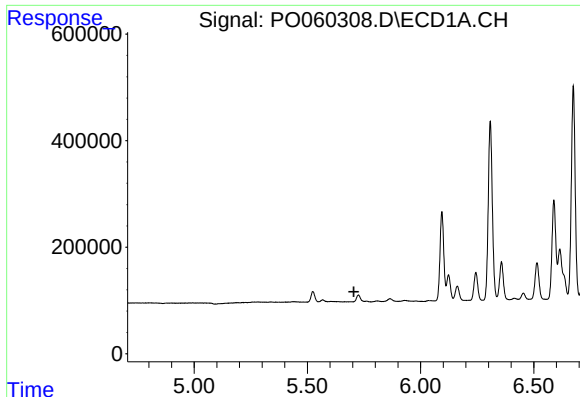
#22 AR-1248-2

R.T.: 5.524 min  
Delta R.T.: -0.016 min  
Response: 217835  
Conc: 150.14 ng/ml



#22 AR-1248-2

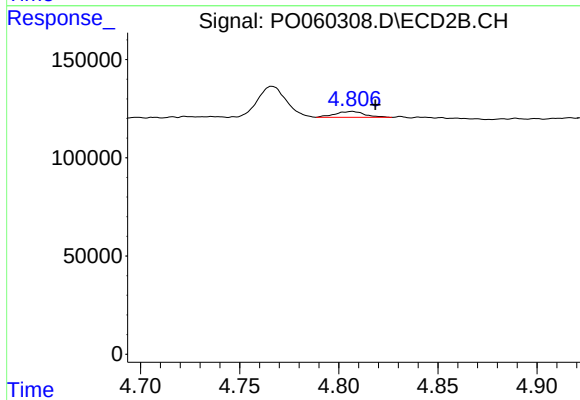
R.T.: 4.766 min  
Delta R.T.: -0.013 min  
Response: 154901  
Conc: 134.33 ng/ml



#23 AR-1248-3

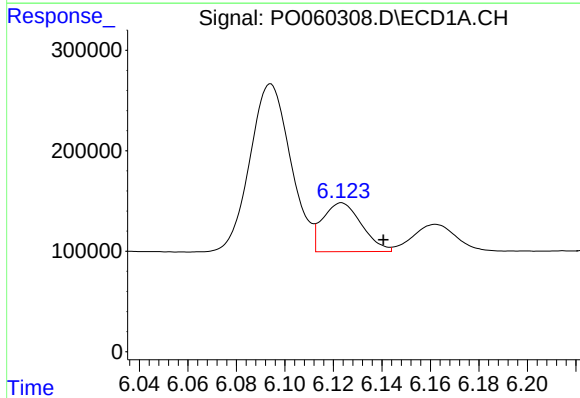
R.T.: 0.000 min  
Exp R.T.: 5.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



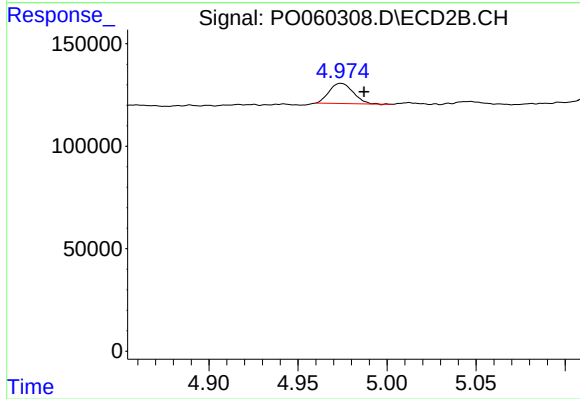
#23 AR-1248-3

R.T.: 4.807 min  
Delta R.T.: -0.012 min  
Response: 30778  
Conc: 25.91 ng/ml



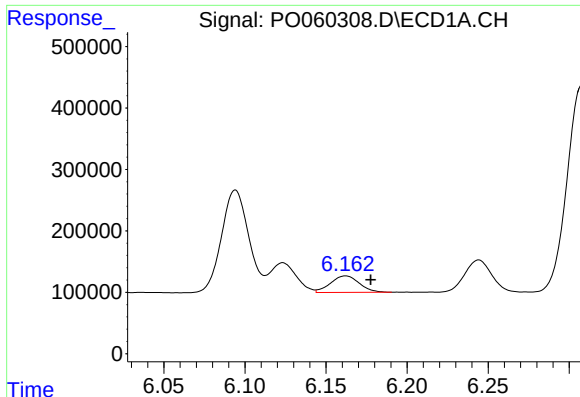
#24 AR-1248-4

R.T.: 6.123 min  
Delta R.T.: -0.017 min  
Response: 542981  
Conc: 265.63 ng/ml



#24 AR-1248-4

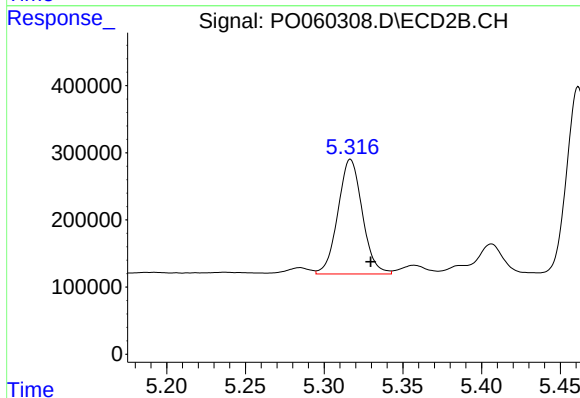
R.T.: 4.974 min  
Delta R.T.: -0.013 min  
Response: 92063  
Conc: 63.36 ng/ml



#25 AR-1248-5

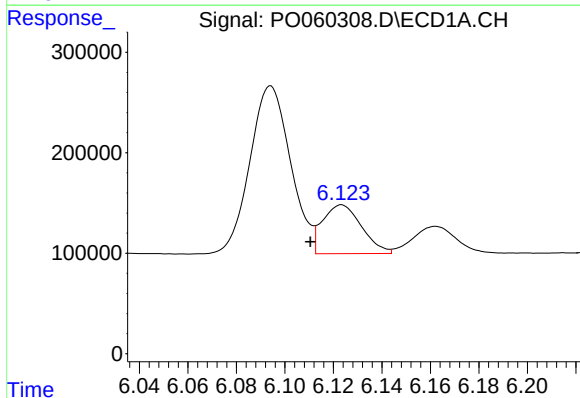
R.T.: 6.162 min  
Delta R.T.: -0.016 min  
Response: 330468  
Conc: 166.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



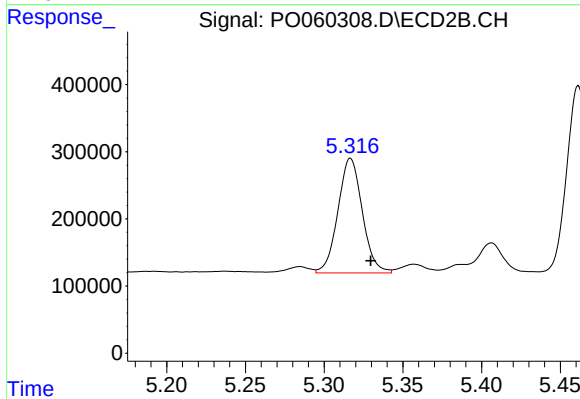
#25 AR-1248-5

R.T.: 5.317 min  
Delta R.T.: -0.013 min  
Response: 1842359  
Conc: 1287.20 ng/ml



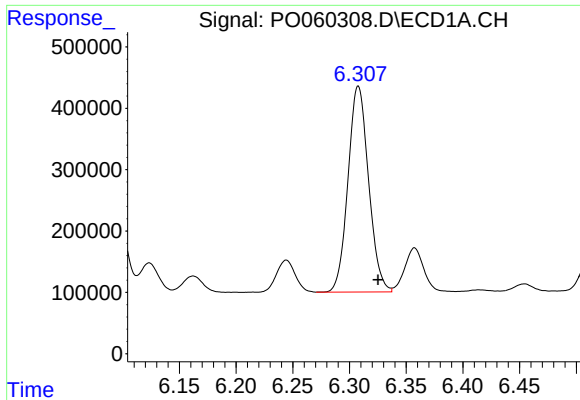
#26 AR-1254-1

R.T.: 6.123 min  
Delta R.T.: 0.013 min  
Response: 542981  
Conc: 260.25 ng/ml



#26 AR-1254-1

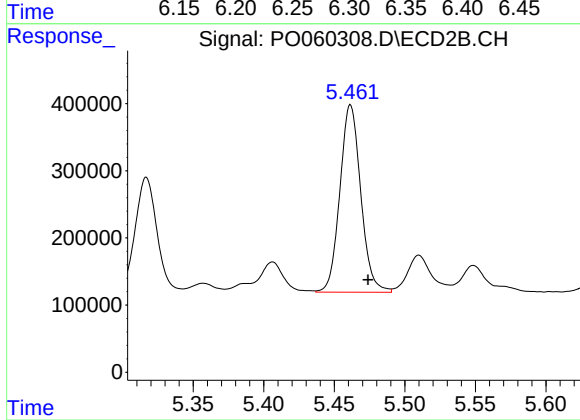
R.T.: 5.317 min  
Delta R.T.: -0.013 min  
Response: 1842359  
Conc: 776.78 ng/ml



#27 AR-1254-2

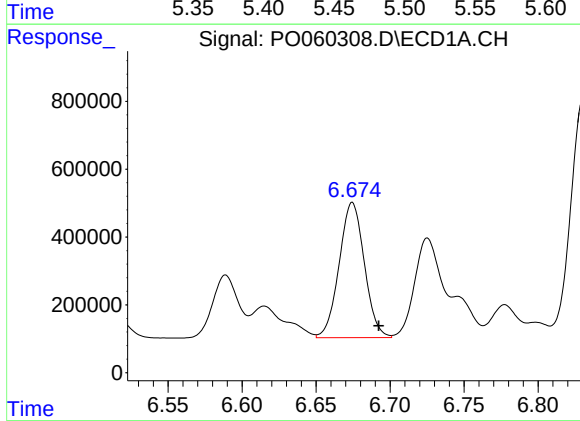
R.T.: 6.308 min  
Delta R.T.: -0.017 min  
Response: 4243107  
Conc: 1271.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



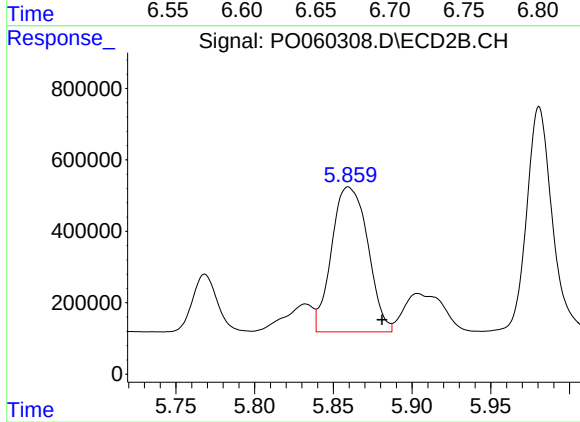
#27 AR-1254-2

R.T.: 5.462 min  
Delta R.T.: -0.012 min  
Response: 2879477  
Conc: 1372.29 ng/ml



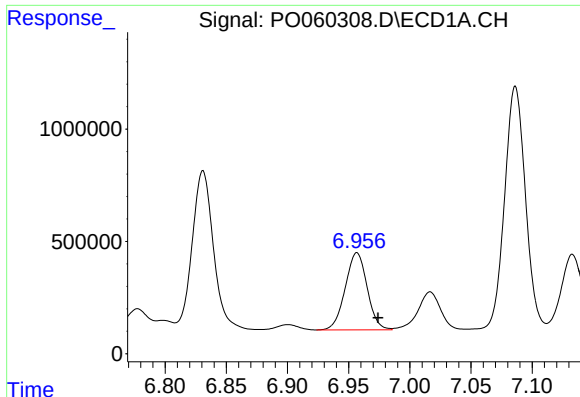
#28 AR-1254-3

R.T.: 6.675 min  
Delta R.T.: -0.018 min  
Response: 4724747  
Conc: 1331.49 ng/ml



#28 AR-1254-3

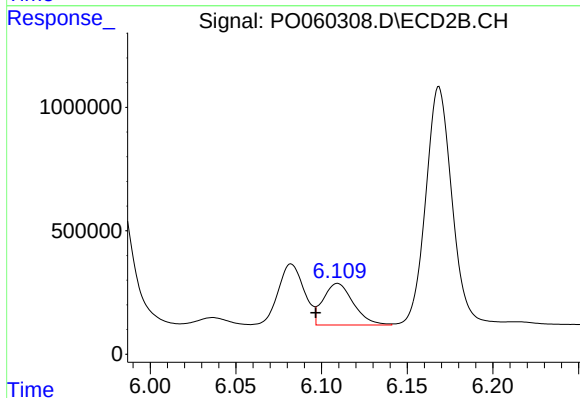
R.T.: 5.859 min  
Delta R.T.: -0.021 min  
Response: 6488861  
Conc: 1929.77 ng/ml



#29 AR-1254-4

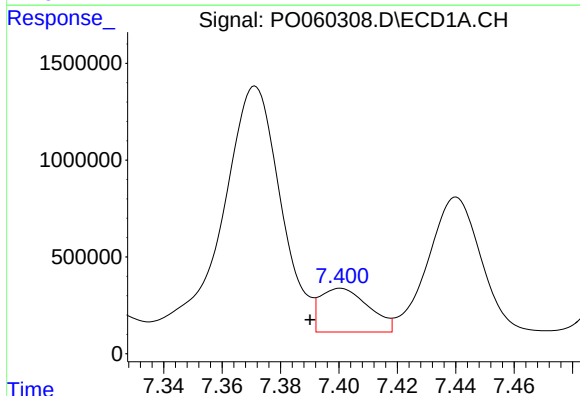
R.T.: 6.957 min  
Delta R.T.: -0.017 min  
Response: 4280080  
Conc: 1453.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



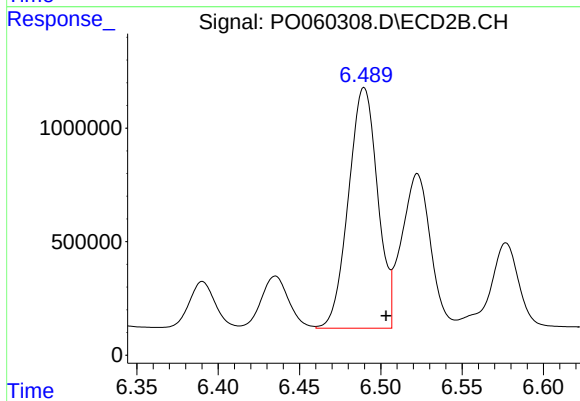
#29 AR-1254-4

R.T.: 6.109 min  
Delta R.T.: 0.013 min  
Response: 2062957  
Conc: 1000.55 ng/ml



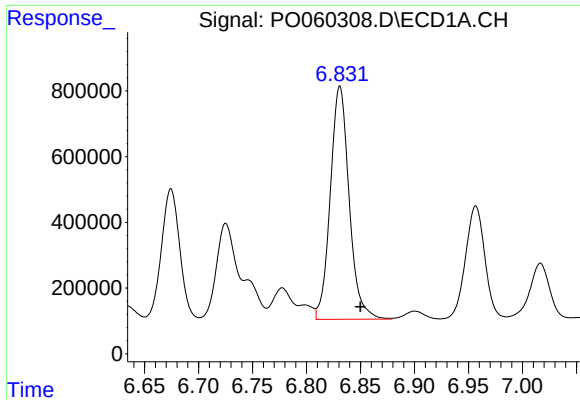
#30 AR-1254-5

R.T.: 7.401 min  
Delta R.T.: 0.010 min  
Response: 2601668  
Conc: 841.31 ng/ml



#30 AR-1254-5

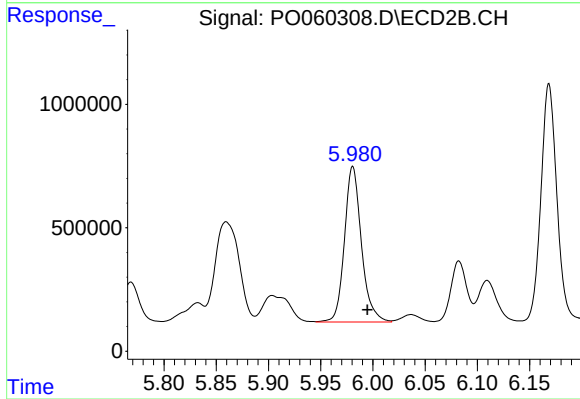
R.T.: 6.490 min  
Delta R.T.: -0.013 min  
Response: 13233555  
Conc: 4262.05 ng/ml



#31 AR-1260-1

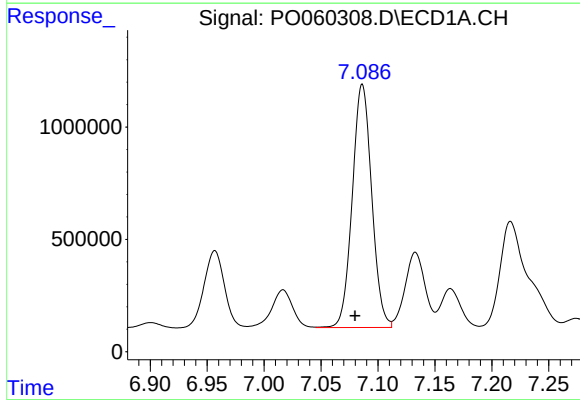
R.T.: 6.831 min  
Delta R.T.: -0.019 min  
Response: 8629523  
Conc: 3201.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



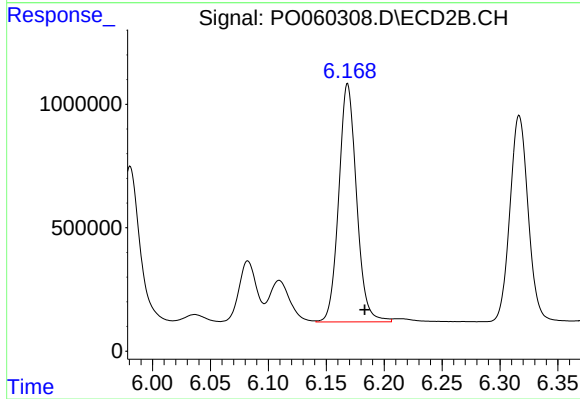
#31 AR-1260-1

R.T.: 5.981 min  
Delta R.T.: -0.014 min  
Response: 7120454  
Conc: 3124.51 ng/ml



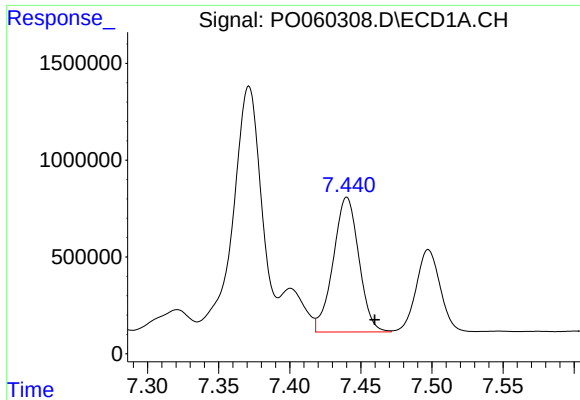
#32 AR-1260-2

R.T.: 7.086 min  
Delta R.T.: 0.006 min  
Response: 12853230  
Conc: 3464.03 ng/ml



#32 AR-1260-2

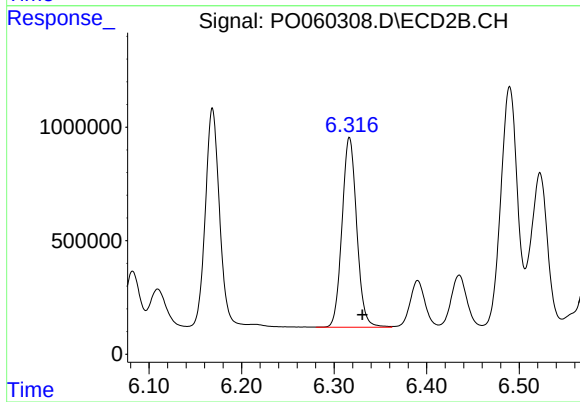
R.T.: 6.169 min  
Delta R.T.: -0.015 min  
Response: 10313925  
Conc: 3520.26 ng/ml



#33 AR-1260-3

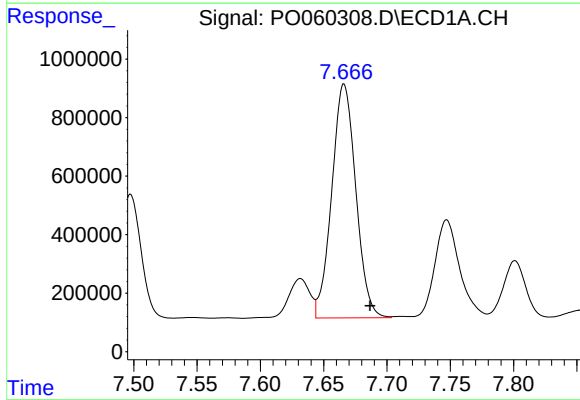
R.T.: 7.440 min  
Delta R.T.: -0.020 min  
Response: 8751890  
Conc: 2671.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



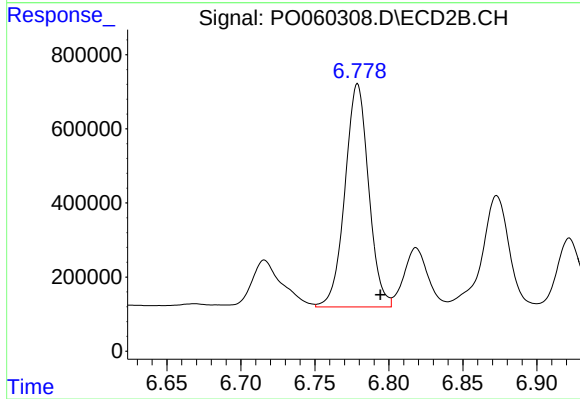
#33 AR-1260-3

R.T.: 6.317 min  
Delta R.T.: -0.014 min  
Response: 9233962  
Conc: 3485.65 ng/ml



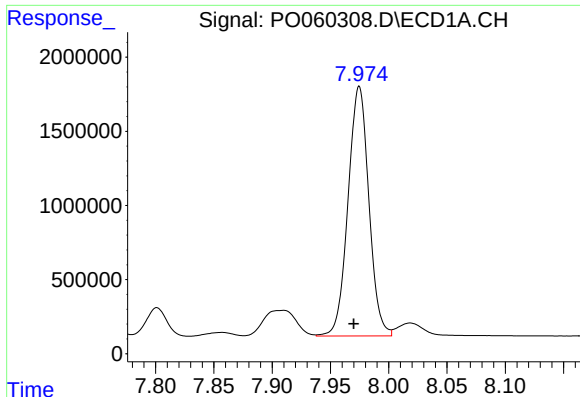
#34 AR-1260-4

R.T.: 7.666 min  
Delta R.T.: -0.021 min  
Response: 10584516  
Conc: 3446.24 ng/ml



#34 AR-1260-4

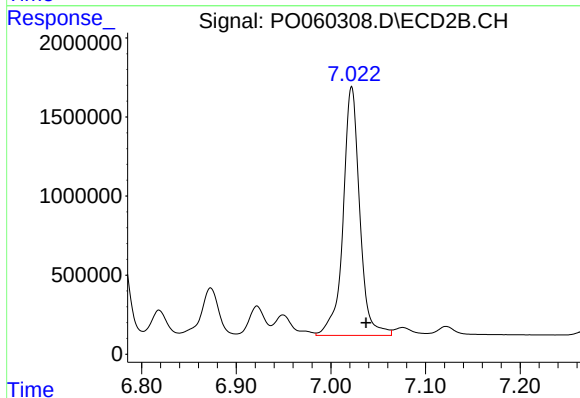
R.T.: 6.779 min  
Delta R.T.: -0.015 min  
Response: 6710303  
Conc: 2965.78 ng/ml



#35 AR-1260-5

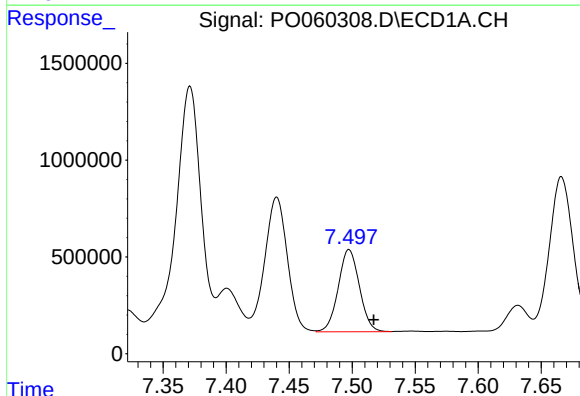
R.T.: 7.975 min  
Delta R.T.: 0.005 min  
Response: 20919275  
Conc: 2954.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



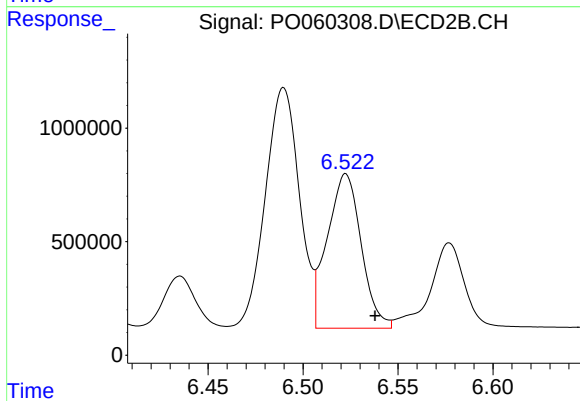
#35 AR-1260-5

R.T.: 7.022 min  
Delta R.T.: -0.015 min  
Response: 19194170  
Conc: 3487.74 ng/ml



#36 AR-1262-1

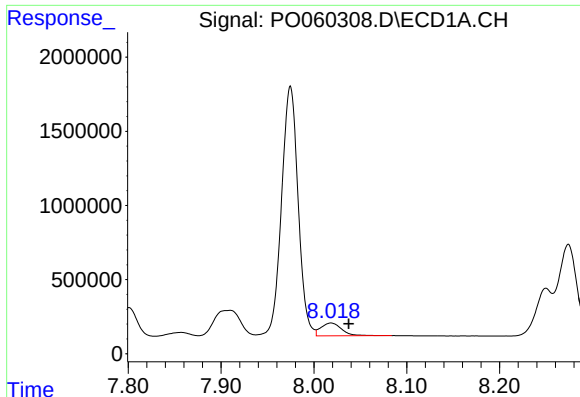
R.T.: 7.498 min  
Delta R.T.: -0.020 min  
Response: 4982747  
Conc: 1026.76 ng/ml



#36 AR-1262-1

R.T.: 6.523 min  
Delta R.T.: -0.015 min  
Response: 8450879  
Conc: 2267.14 ng/ml

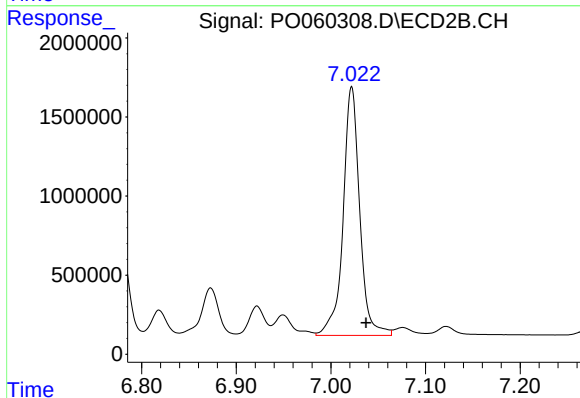




#37 AR-1262-2

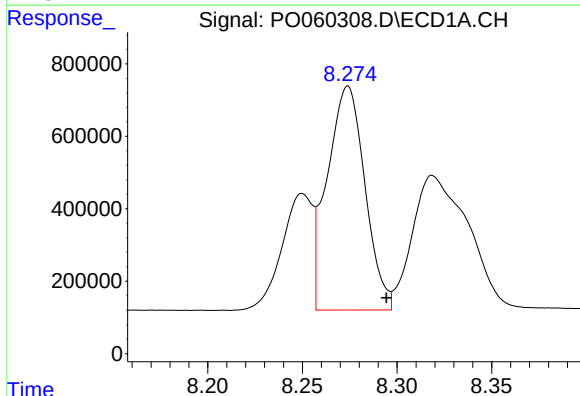
R.T.: 8.019 min  
Delta R.T.: -0.019 min  
Response: 1334695  
Conc: 172.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



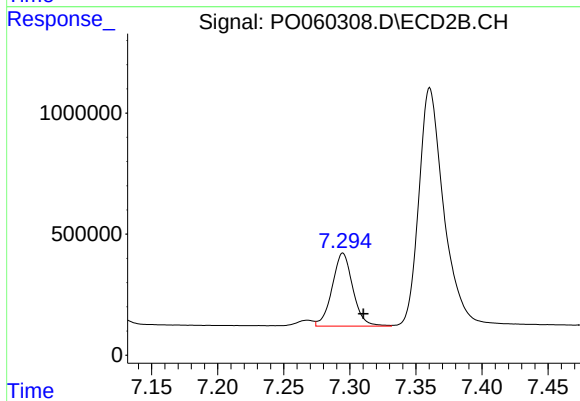
#37 AR-1262-2

R.T.: 7.022 min  
Delta R.T.: -0.015 min  
Response: 19194170  
Conc: 3264.84 ng/ml



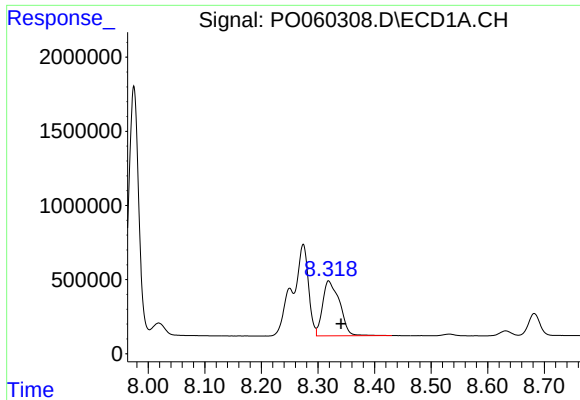
#38 AR-1262-3

R.T.: 8.274 min  
Delta R.T.: -0.020 min  
Response: 8571770  
Conc: 1679.98 ng/ml



#38 AR-1262-3

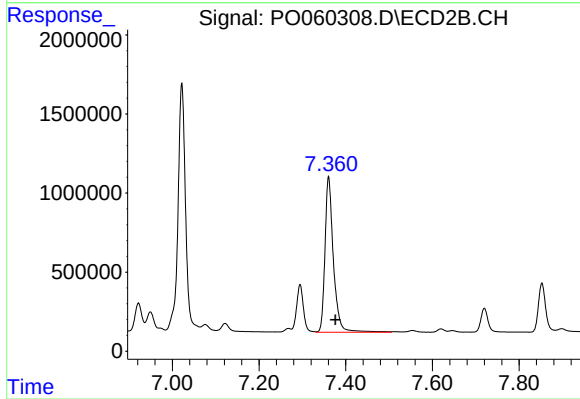
R.T.: 7.295 min  
Delta R.T.: -0.016 min  
Response: 3298558  
Conc: 1298.15 ng/ml



#39 AR-1262-4

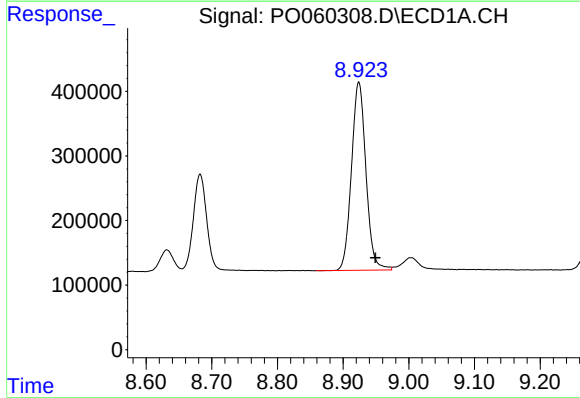
R.T.: 8.319 min  
Delta R.T.: -0.022 min  
Response: 7723306  
Conc: 2003.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



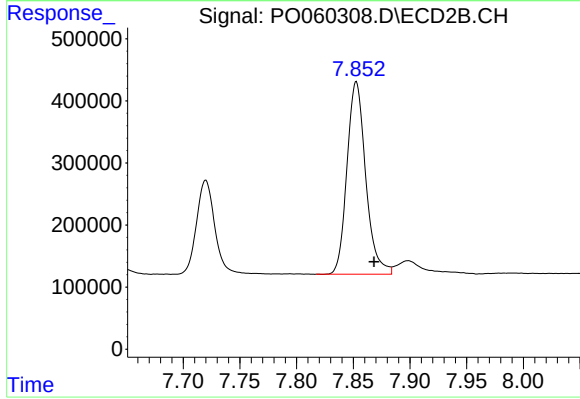
#39 AR-1262-4

R.T.: 7.361 min  
Delta R.T.: -0.016 min  
Response: 13293147  
Conc: 3008.22 ng/ml



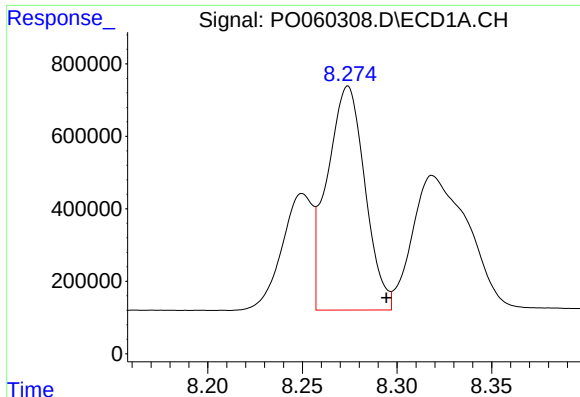
#40 AR-1262-5

R.T.: 8.924 min  
Delta R.T.: -0.025 min  
Response: 4448507  
Conc: 1733.26 ng/ml



#40 AR-1262-5

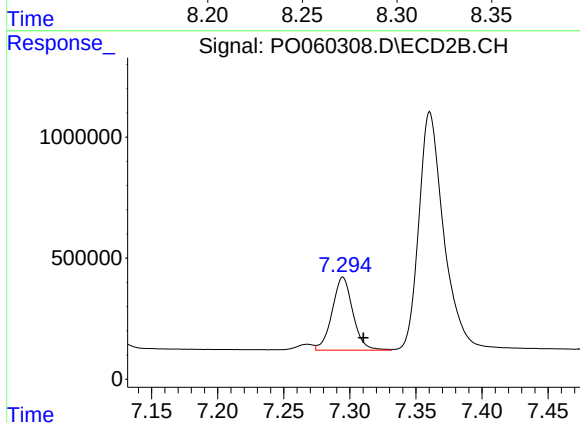
R.T.: 7.853 min  
Delta R.T.: -0.016 min  
Response: 3564181  
Conc: 1974.00 ng/ml



#41 AR-1268-1

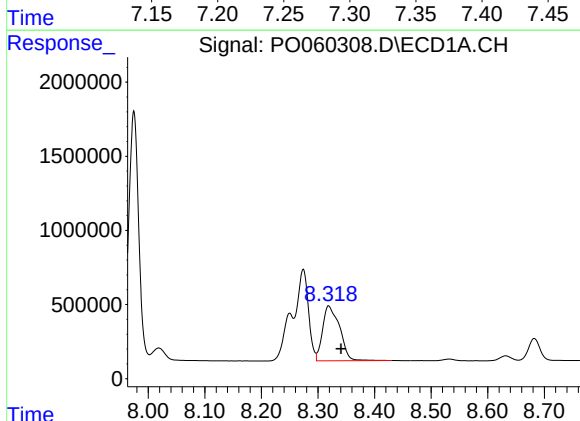
R.T.: 8.274 min  
Delta R.T.: -0.020 min  
Response: 8571770  
Conc: 910.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



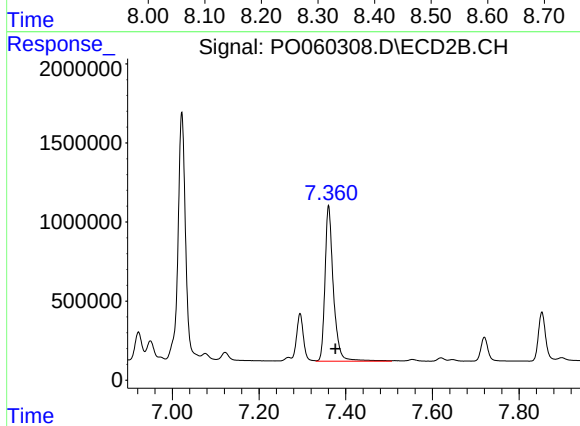
#41 AR-1268-1

R.T.: 7.295 min  
Delta R.T.: -0.016 min  
Response: 3298558  
Conc: 463.22 ng/ml



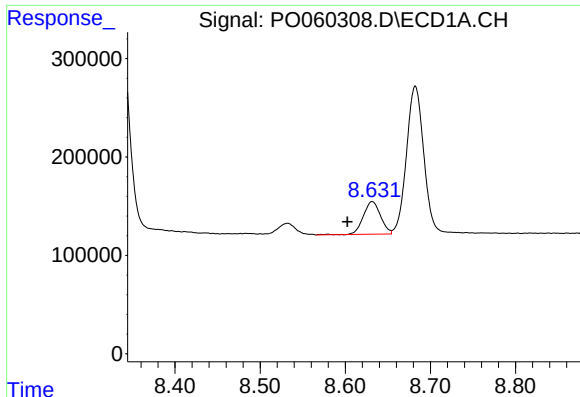
#42 AR-1268-2

R.T.: 8.319 min  
Delta R.T.: -0.022 min  
Response: 7723306  
Conc: 979.78 ng/ml



#42 AR-1268-2

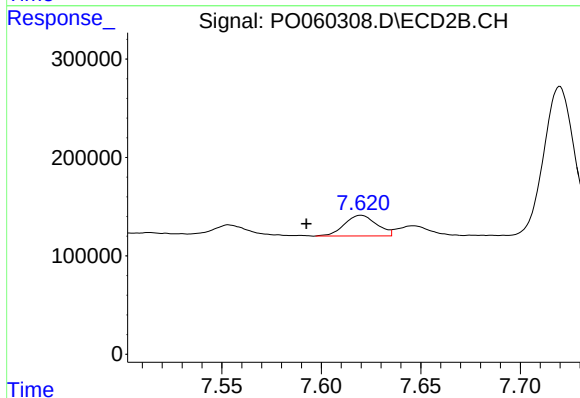
R.T.: 7.361 min  
Delta R.T.: -0.016 min  
Response: 13293147  
Conc: 2061.59 ng/ml



#43 AR-1268-3

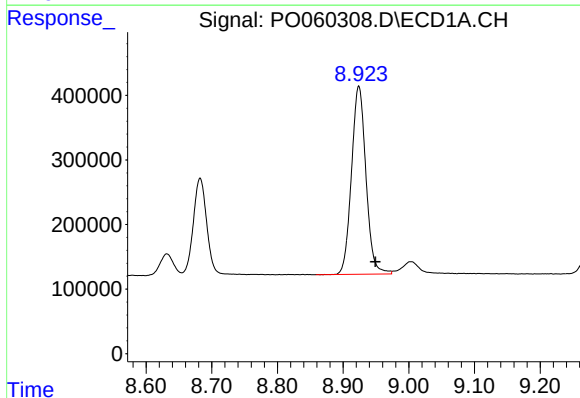
R.T.: 8.632 min  
Delta R.T.: 0.029 min  
Response: 467053  
Conc: 66.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



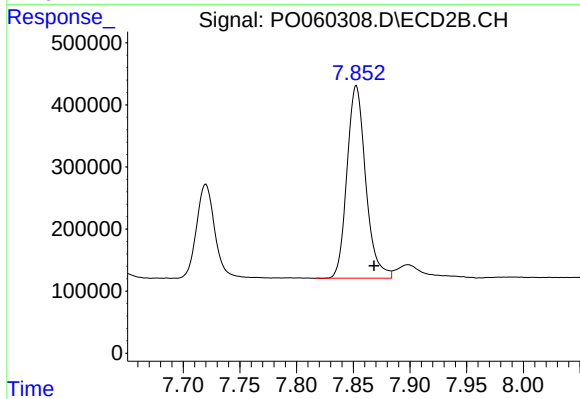
#43 AR-1268-3

R.T.: 7.620 min  
Delta R.T.: 0.028 min  
Response: 235552  
Conc: 43.05 ng/ml



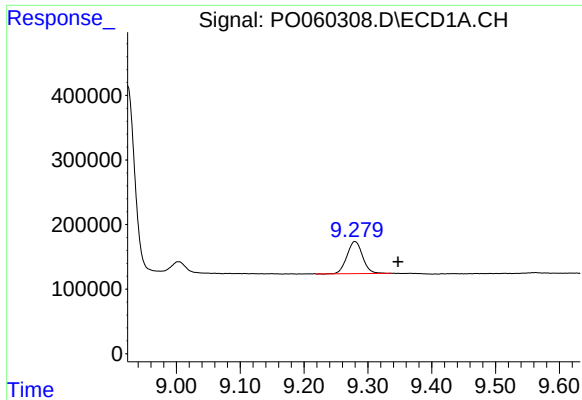
#44 AR-1268-4

R.T.: 8.924 min  
Delta R.T.: -0.025 min  
Response: 4448507  
Conc: 1600.16 ng/ml



#44 AR-1268-4

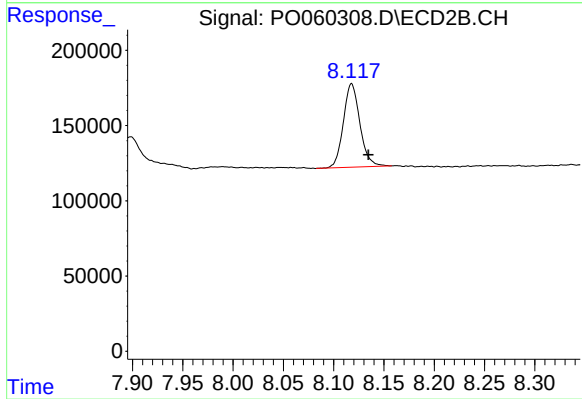
R.T.: 7.853 min  
Delta R.T.: -0.016 min  
Response: 3564181  
Conc: 1746.04 ng/ml



#45 AR-1268-5

R.T.: 9.280 min  
Delta R.T.: -0.068 min  
Response: 842482  
Conc: 45.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7-6-EWC-2DL



#45 AR-1268-5

R.T.: 8.118 min  
Delta R.T.: -0.017 min  
Response: 635904  
Conc: 43.77 ng/ml