

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102519\  
 Data File : P0063173.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 Oct 2019 17:21  
 Operator : HP/AJ  
 Sample : K5499-13RE  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 23:17:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 12 06:25:38 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2 | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|---------|--------|---------|-----------|
| -----                       |                 |       |       |         |        |         |           |
| System Monitoring Compounds |                 |       |       |         |        |         |           |
| 1)                          | SA Tetrachlo... | 4.315 | 3.477 | 1110259 | 922375 | 17.952  | 21.510    |
| 2)                          | SA Decachlor... | 9.936 | 8.323 | 848459  | 483911 | 15.164  | 16.492    |
|                             |                 |       |       |         |        |         |           |
| Target Compounds            |                 |       |       |         |        |         |           |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.960 | 0       | 196820 | N.D.    | 152.626 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.960 | 0       | 196820 | N.D.    | 222.858 # |
| 20)                         | L4 AR-1242-5    | 6.386 | 5.320 | 511006  | 135201 | 334.333 | 113.302 # |
| 24)                         | L5 AR-1248-4    | 6.386 | 4.960 | 511006  | 196820 | 200.029 | 124.383 # |
| 25)                         | L5 AR-1248-5    | 6.386 | 5.320 | 511006  | 135201 | 208.989 | 87.850 #  |
| 26)                         | L6 AR-1254-1    | 6.325 | 5.320 | 345770  | 135201 | 129.715 | 55.279 #  |
| 27)                         | L6 AR-1254-2    | 6.599 | 5.492 | 88933   | 179917 | 21.752  | 84.952 #  |
| 28)                         | L6 AR-1254-3    | 6.909 | 5.847 | 118753  | 278427 | 28.382  | 85.456 #  |
| 29)                         | L6 AR-1254-4    | 7.186 | 6.086 | 130654  | 64392  | 43.359  | 33.339    |
| 30)                         | L6 AR-1254-5    | 7.603 | 6.464 | 197026  | 137650 | 62.869  | 52.116    |
| 31)                         | L7 AR-1260-1    | 7.066 | 5.959 | 358088  | 186537 | 125.772 | 87.793 #  |
| 32)                         | L7 AR-1260-2    | 7.321 | 6.145 | 184078  | 200589 | 53.658  | 79.046 #  |
| 33)                         | L7 AR-1260-3    | 7.679 | 6.293 | 206083  | 105959 | 77.881  | 46.924 #  |
| 34)                         | L7 AR-1260-4    | 7.904 | 6.755 | 168858  | 124644 | 60.370  | 70.988    |
| 35)                         | L7 AR-1260-5    | 8.215 | 6.995 | 326082  | 265383 | 62.282  | 73.668    |
| 36)                         | L8 AR-1262-1    | 7.679 | 6.555 | 206083  | 68191  | 50.204  | 57.218    |
| 37)                         | L8 AR-1262-2    | 8.215 | 6.995 | 326082  | 265383 | 50.571  | 63.159    |
| 38)                         | L8 AR-1262-3    | 8.514 | 7.273 | 210816  | 106583 | 47.941  | 60.599 #  |
| 39)                         | L8 AR-1262-4    | 8.600 | 7.336 | 158611  | 194854 | 45.908  | 63.738 #  |
| 40)                         | L8 AR-1262-5    | 9.229 | 7.826 | 173544  | 74613  | 76.834  | 57.130 #  |
| 41)                         | L9 AR-1268-1    | 8.514 | 7.273 | 210816  | 106583 | 27.849  | 22.760    |
| 42)                         | L9 AR-1268-2    | 8.600 | 7.336 | 158611  | 194854 | 22.579  | 46.641 #  |
| 44)                         | L9 AR-1268-4    | 9.229 | 7.826 | 173544  | 74613  | 73.040  | 52.365 #  |
| 45)                         | L9 AR-1268-5    | 9.619 | 8.095 | 59533   | 32823  | 3.303   | 3.545     |
| -----                       |                 |       |       |         |        |         |           |

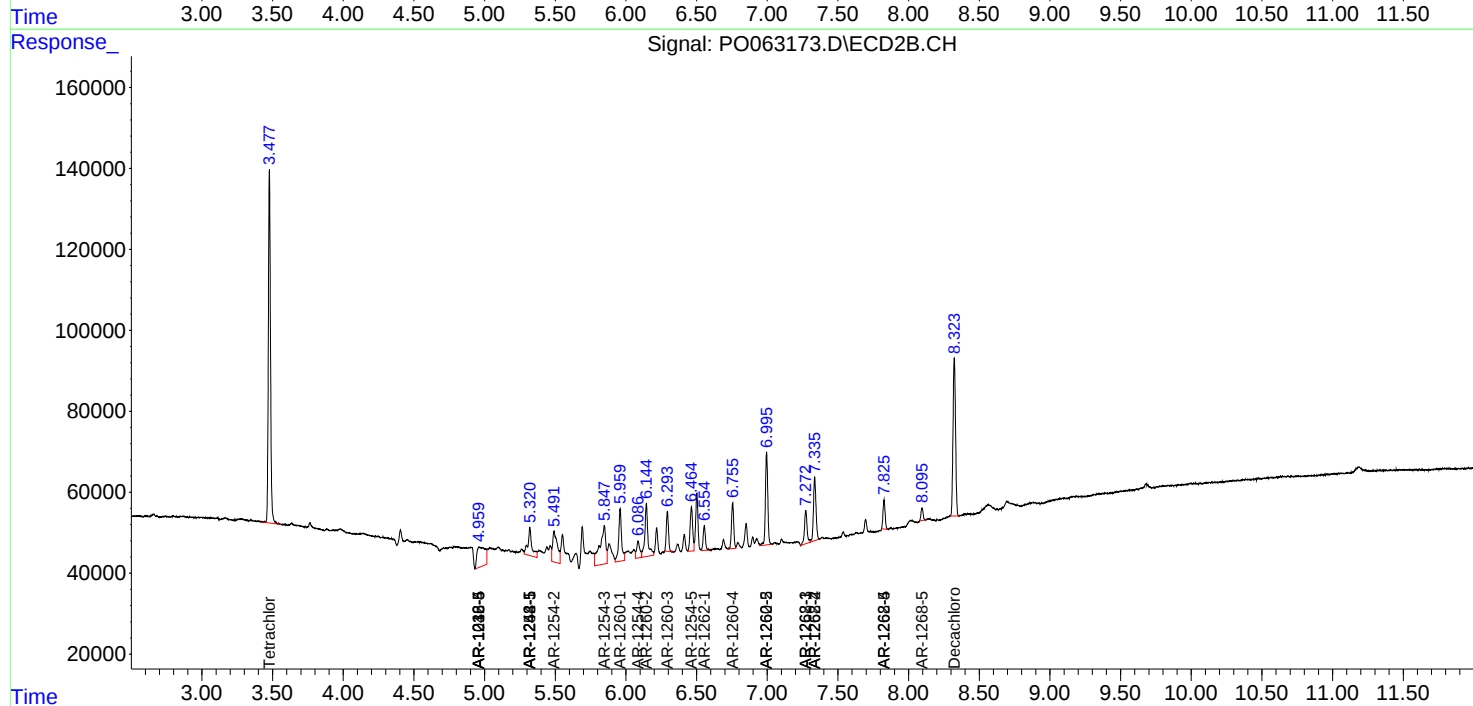
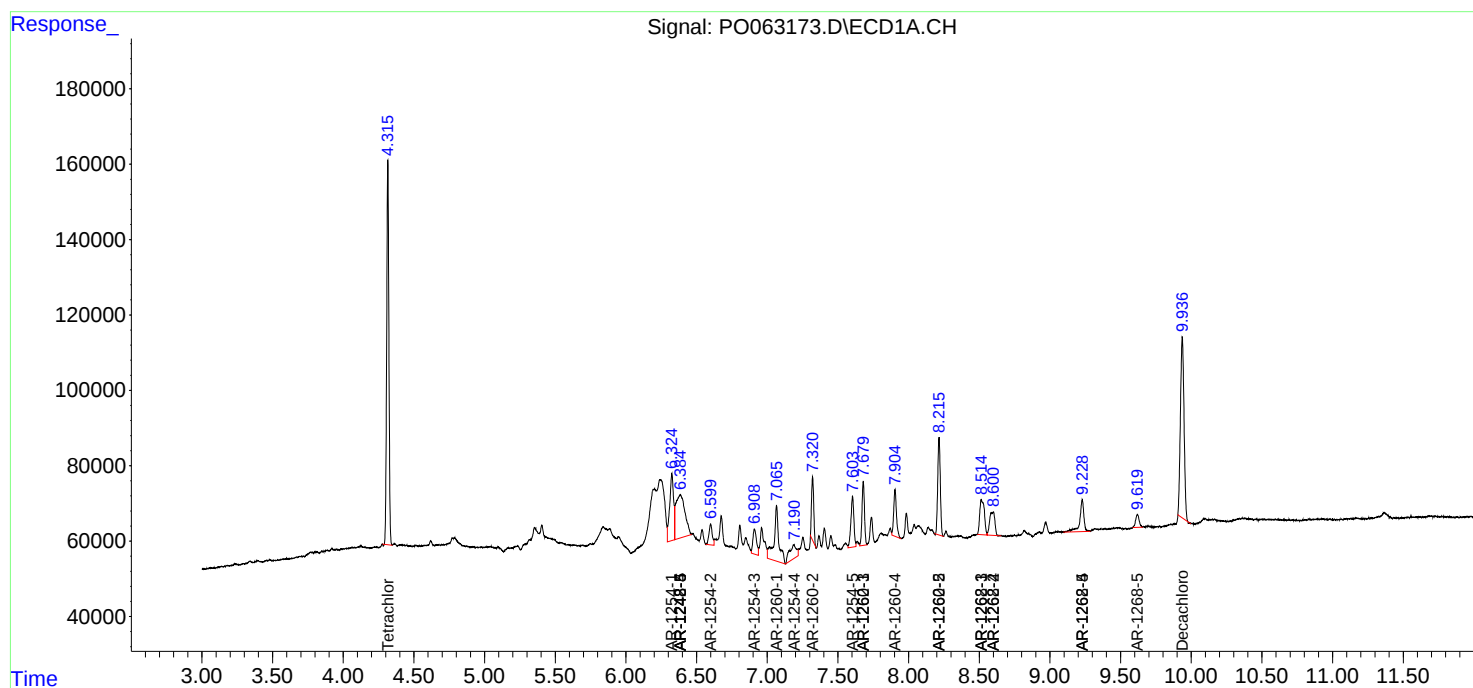
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

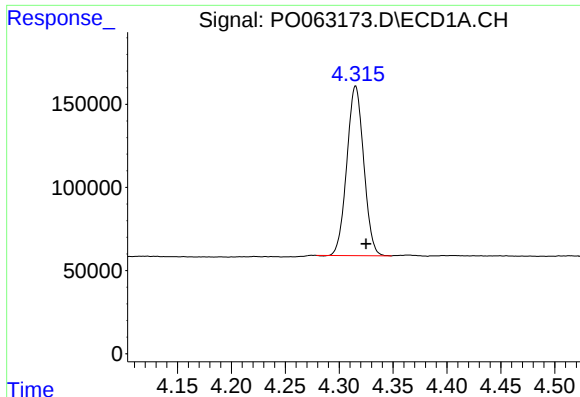
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102519\  
Data File : P0063173.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 Oct 2019 17:21  
Operator : HP/AJ  
Sample : K5499-13RE  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 23:17:56 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 12 06:25:38 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

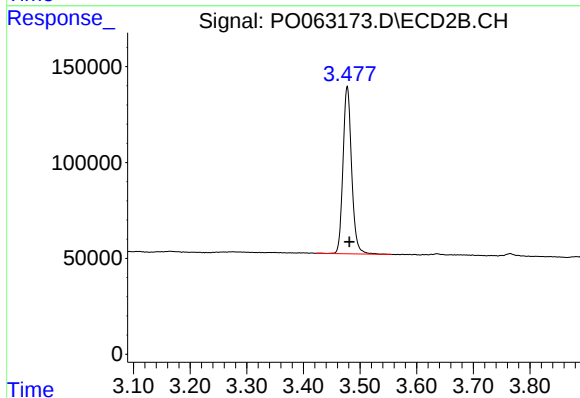




#1 Tetrachloro-m-xylene

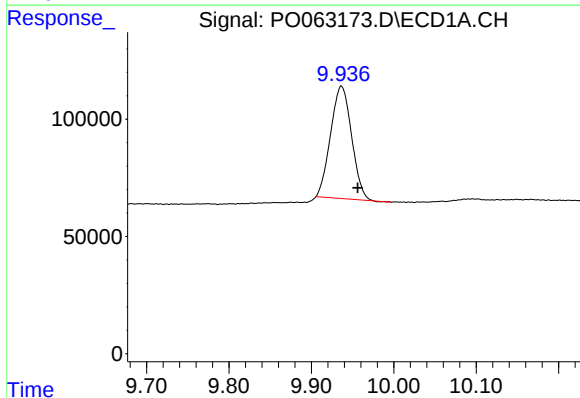
R.T.: 4.315 min  
Delta R.T.: -0.010 min  
Response: 1110259  
Conc: 17.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



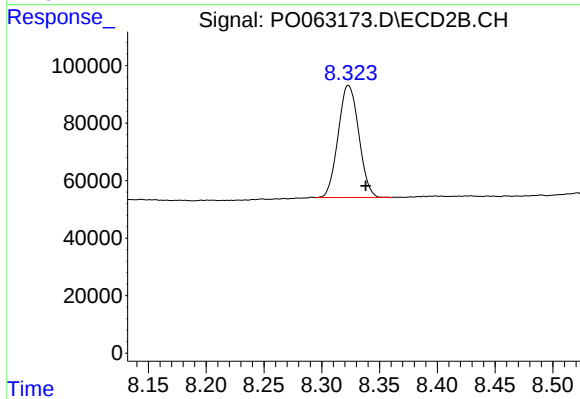
#1 Tetrachloro-m-xylene

R.T.: 3.477 min  
Delta R.T.: -0.004 min  
Response: 922375  
Conc: 21.51 ng/ml



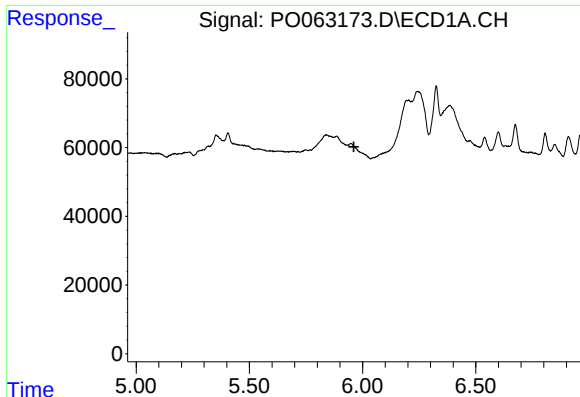
#2 Decachlorobiphenyl

R.T.: 9.936 min  
Delta R.T.: -0.020 min  
Response: 848459  
Conc: 15.16 ng/ml



#2 Decachlorobiphenyl

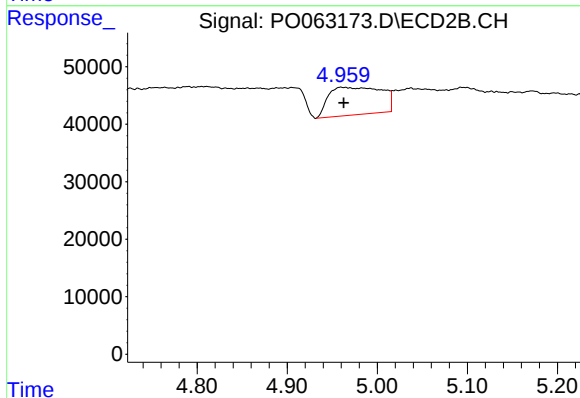
R.T.: 8.323 min  
Delta R.T.: -0.015 min  
Response: 483911  
Conc: 16.49 ng/ml



#7 AR-1016-5

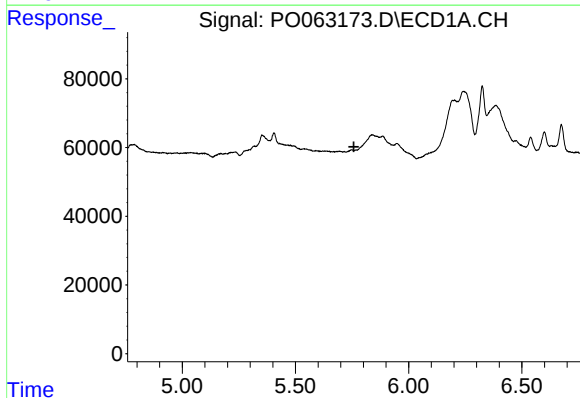
R.T.: 0.000 min  
Exp R.T.: 5.961 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



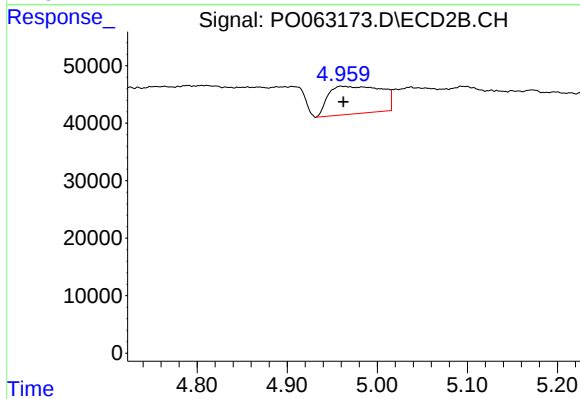
#7 AR-1016-5

R.T.: 4.960 min  
Delta R.T.: -0.003 min  
Response: 196820  
Conc: 152.63 ng/ml



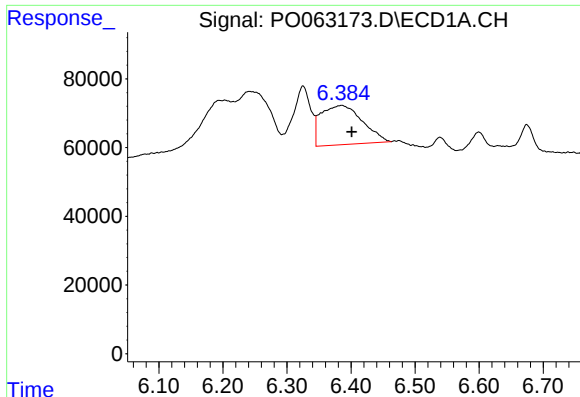
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.758 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

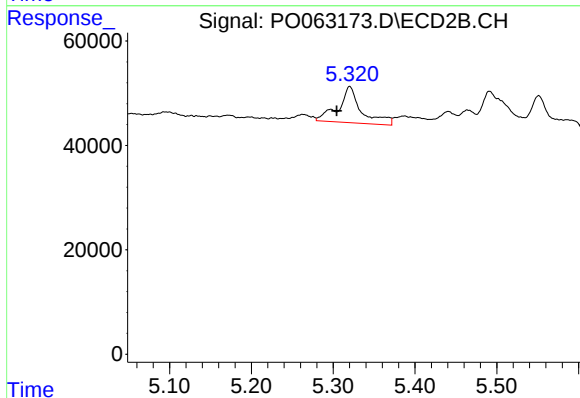
R.T.: 4.960 min  
Delta R.T.: -0.003 min  
Response: 196820  
Conc: 222.86 ng/ml



#20 AR-1242-5

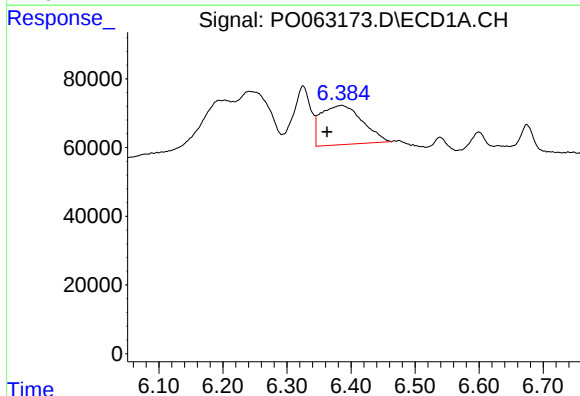
R.T.: 6.386 min  
Delta R.T.: -0.016 min  
Response: 511006  
Conc: 334.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



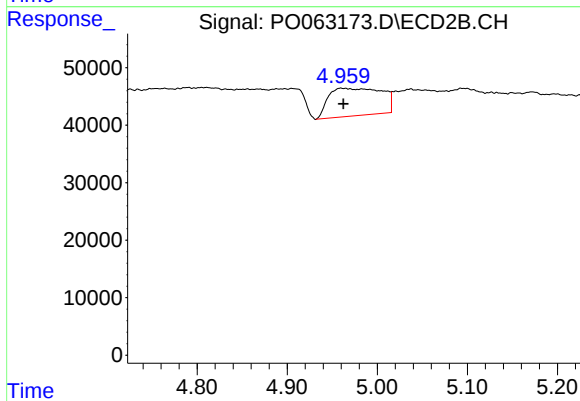
#20 AR-1242-5

R.T.: 5.320 min  
Delta R.T.: 0.016 min  
Response: 135201  
Conc: 113.30 ng/ml



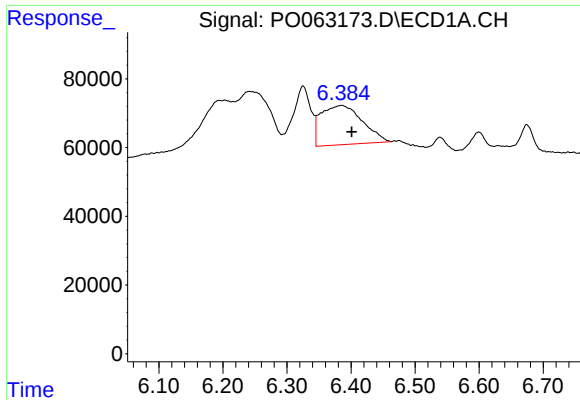
#24 AR-1248-4

R.T.: 6.386 min  
Delta R.T.: 0.023 min  
Response: 511006  
Conc: 200.03 ng/ml



#24 AR-1248-4

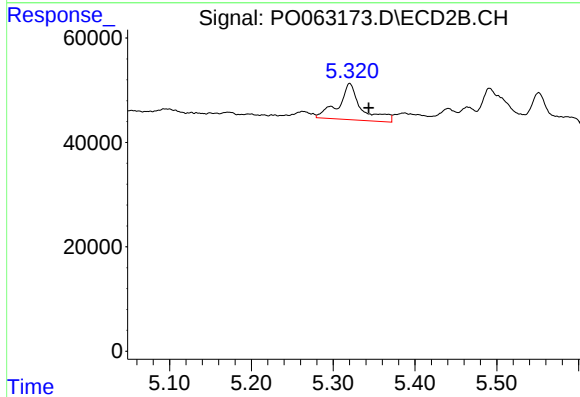
R.T.: 4.960 min  
Delta R.T.: -0.003 min  
Response: 196820  
Conc: 124.38 ng/ml



#25 AR-1248-5

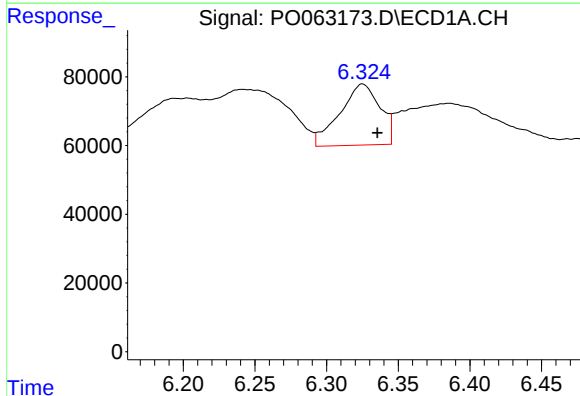
R.T.: 6.386 min  
Delta R.T.: -0.015 min  
Response: 511006  
Conc: 208.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



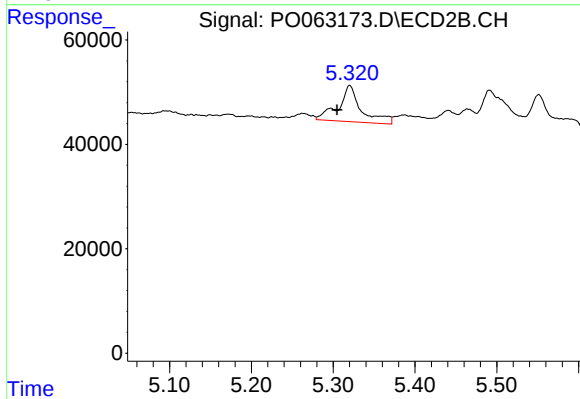
#25 AR-1248-5

R.T.: 5.320 min  
Delta R.T.: -0.023 min  
Response: 135201  
Conc: 87.85 ng/ml



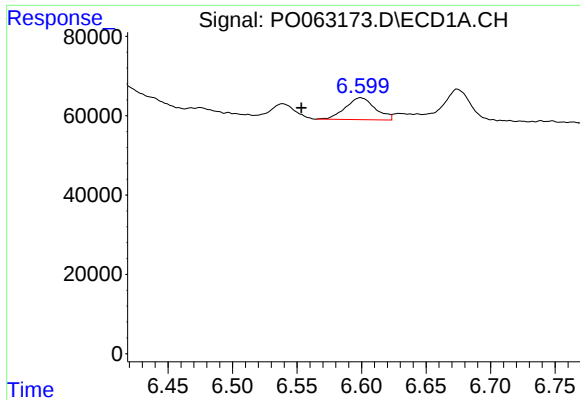
#26 AR-1254-1

R.T.: 6.325 min  
Delta R.T.: -0.010 min  
Response: 345770  
Conc: 129.71 ng/ml



#26 AR-1254-1

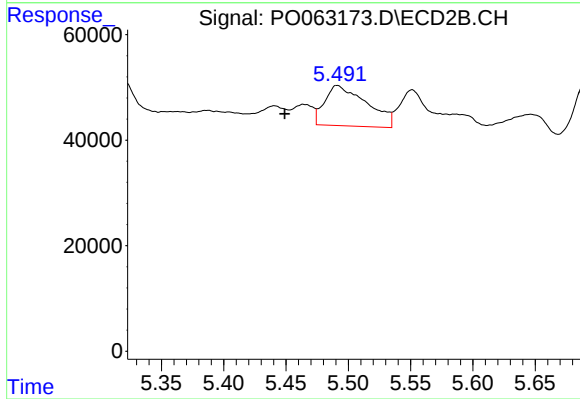
R.T.: 5.320 min  
Delta R.T.: 0.016 min  
Response: 135201  
Conc: 55.28 ng/ml



#27 AR-1254-2

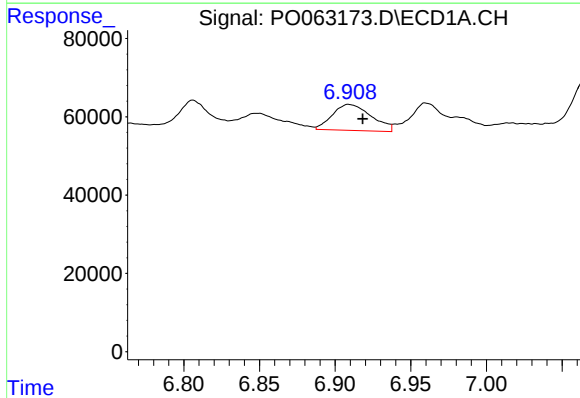
R.T.: 6.599 min  
Delta R.T.: 0.046 min  
Response: 88933  
Conc: 21.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



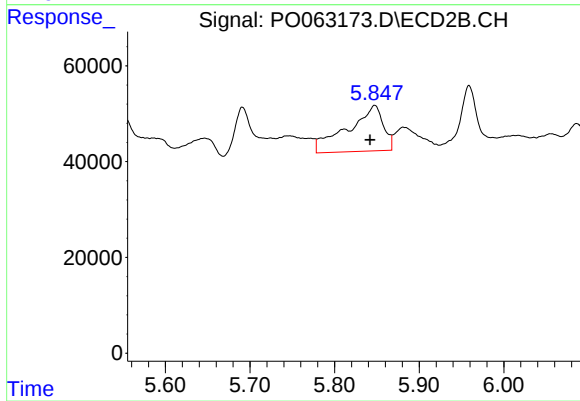
#27 AR-1254-2

R.T.: 5.492 min  
Delta R.T.: 0.043 min  
Response: 179917  
Conc: 84.95 ng/ml



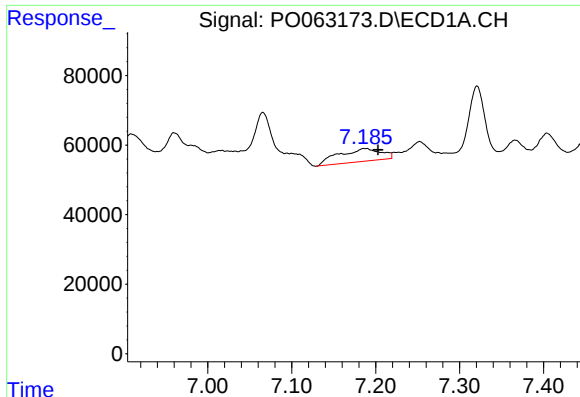
#28 AR-1254-3

R.T.: 6.909 min  
Delta R.T.: -0.009 min  
Response: 118753  
Conc: 28.38 ng/ml



#28 AR-1254-3

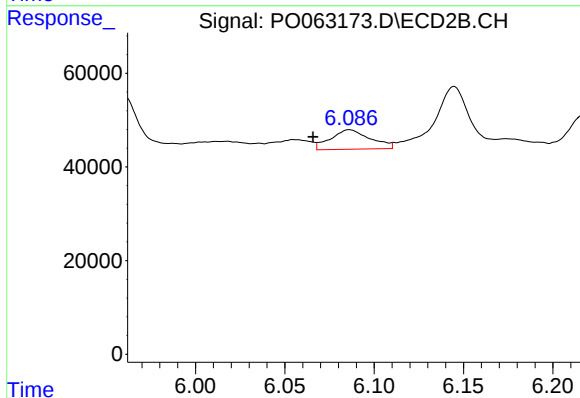
R.T.: 5.847 min  
Delta R.T.: 0.005 min  
Response: 278427  
Conc: 85.46 ng/ml



#29 AR-1254-4

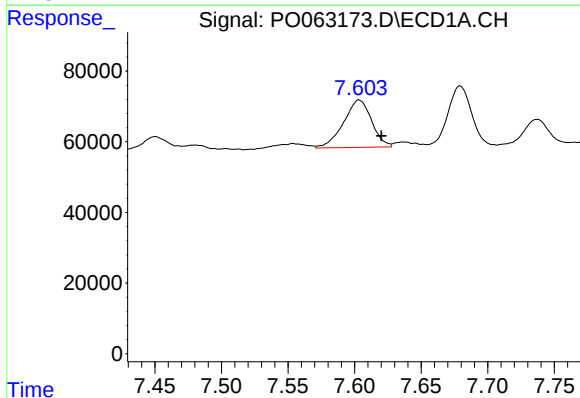
R.T.: 7.186 min  
Delta R.T.: -0.016 min  
Response: 130654  
Conc: 43.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



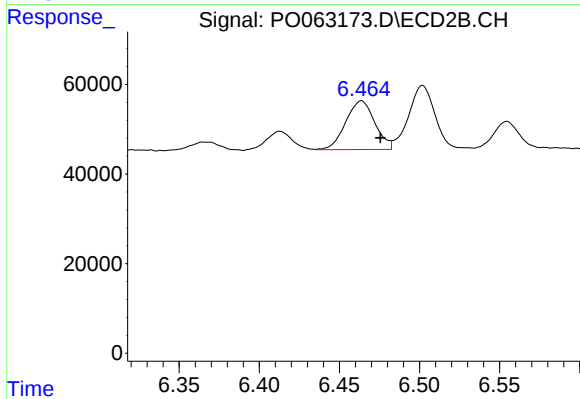
#29 AR-1254-4

R.T.: 6.086 min  
Delta R.T.: 0.020 min  
Response: 64392  
Conc: 33.34 ng/ml



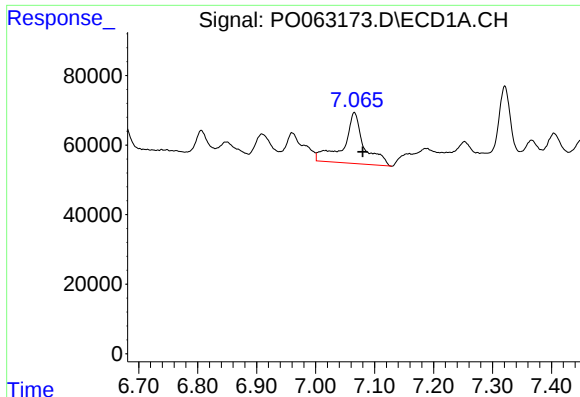
#30 AR-1254-5

R.T.: 7.603 min  
Delta R.T.: -0.017 min  
Response: 197026  
Conc: 62.87 ng/ml



#30 AR-1254-5

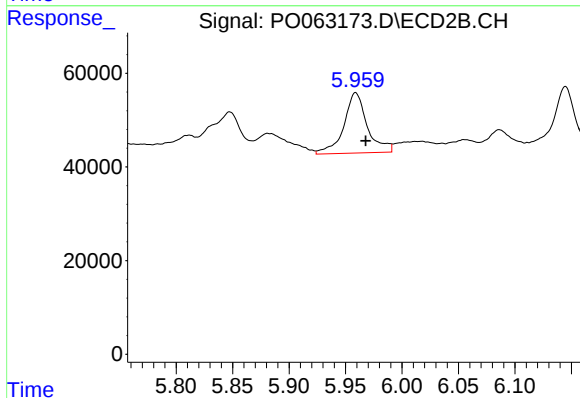
R.T.: 6.464 min  
Delta R.T.: -0.012 min  
Response: 137650  
Conc: 52.12 ng/ml



#31 AR-1260-1

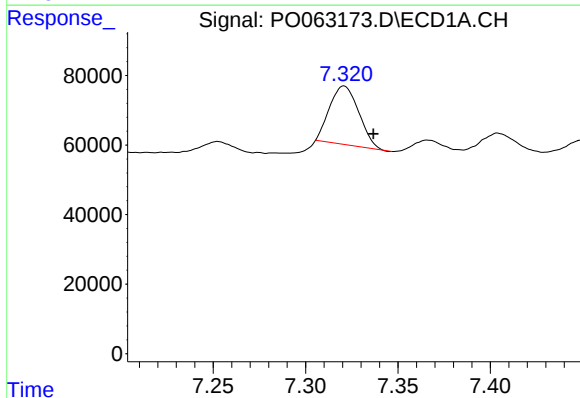
R.T.: 7.066 min  
Delta R.T.: -0.014 min  
Response: 358088  
Conc: 125.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



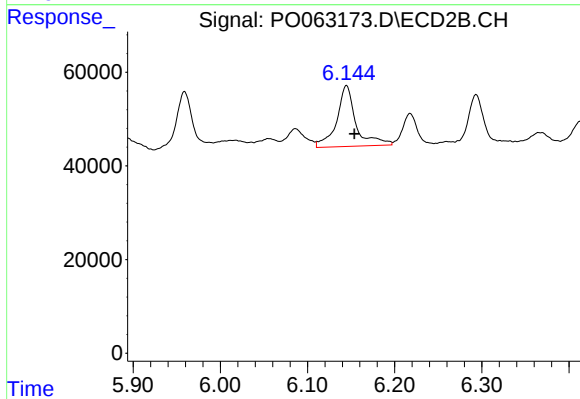
#31 AR-1260-1

R.T.: 5.959 min  
Delta R.T.: -0.009 min  
Response: 186537  
Conc: 87.79 ng/ml



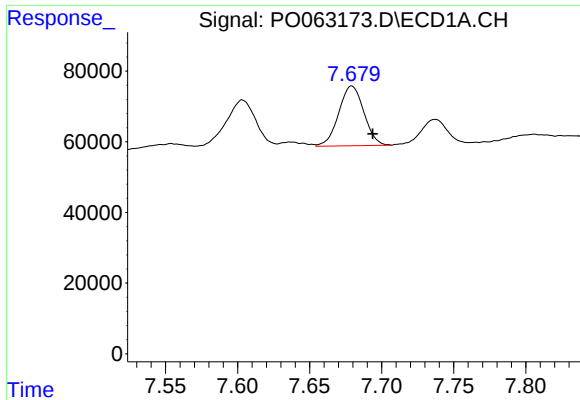
#32 AR-1260-2

R.T.: 7.321 min  
Delta R.T.: -0.016 min  
Response: 184078  
Conc: 53.66 ng/ml



#32 AR-1260-2

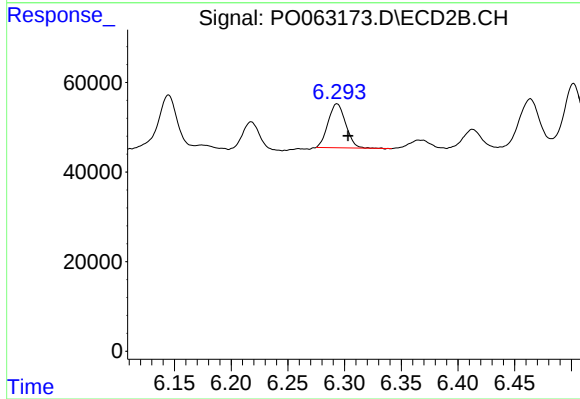
R.T.: 6.145 min  
Delta R.T.: -0.009 min  
Response: 200589  
Conc: 79.05 ng/ml



#33 AR-1260-3

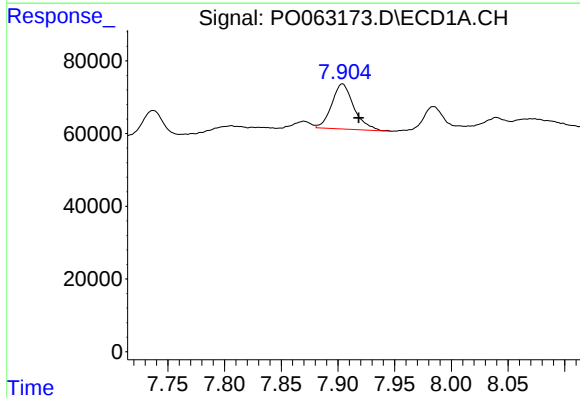
R.T.: 7.679 min  
Delta R.T.: -0.015 min  
Response: 206083  
Conc: 77.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



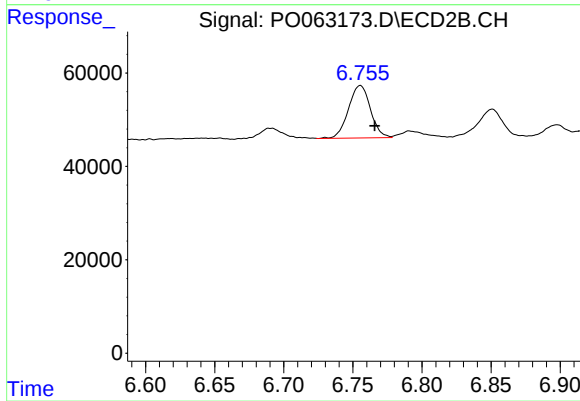
#33 AR-1260-3

R.T.: 6.293 min  
Delta R.T.: -0.010 min  
Response: 105959  
Conc: 46.92 ng/ml



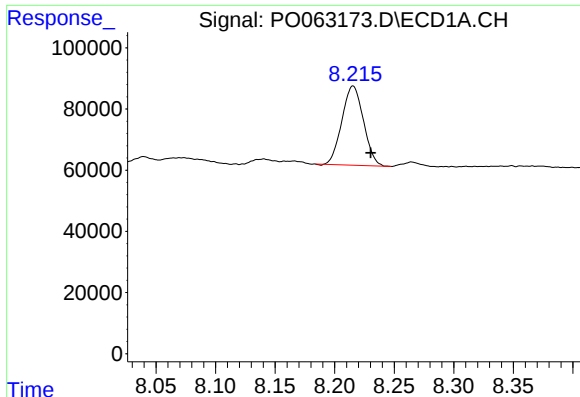
#34 AR-1260-4

R.T.: 7.904 min  
Delta R.T.: -0.014 min  
Response: 168858  
Conc: 60.37 ng/ml



#34 AR-1260-4

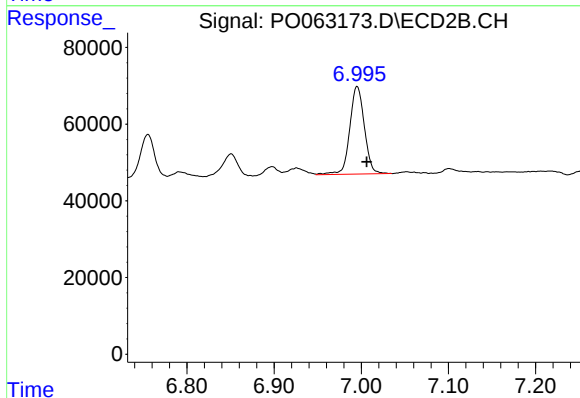
R.T.: 6.755 min  
Delta R.T.: -0.010 min  
Response: 124644  
Conc: 70.99 ng/ml



#35 AR-1260-5

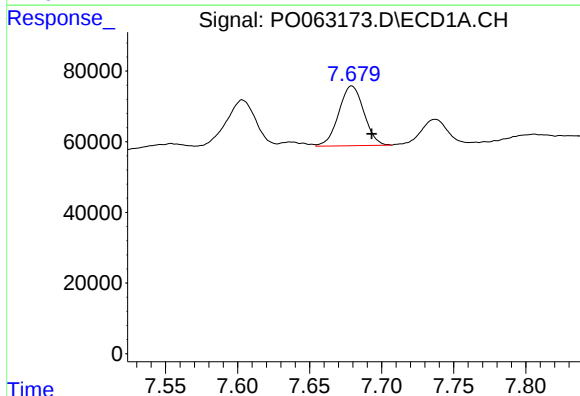
R.T.: 8.215 min  
Delta R.T.: -0.015 min  
Response: 326082  
Conc: 62.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



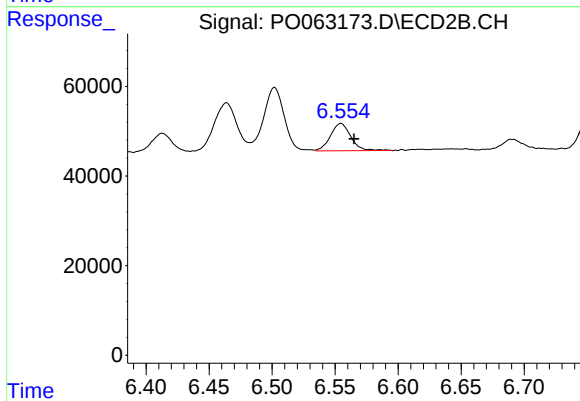
#35 AR-1260-5

R.T.: 6.995 min  
Delta R.T.: -0.011 min  
Response: 265383  
Conc: 73.67 ng/ml



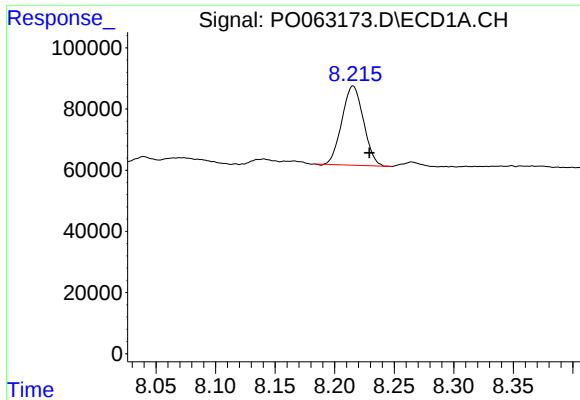
#36 AR-1262-1

R.T.: 7.679 min  
Delta R.T.: -0.014 min  
Response: 206083  
Conc: 50.20 ng/ml



#36 AR-1262-1

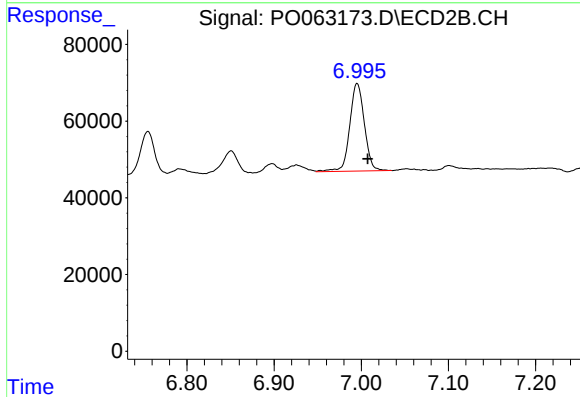
R.T.: 6.555 min  
Delta R.T.: -0.011 min  
Response: 68191  
Conc: 57.22 ng/ml



#37 AR-1262-2

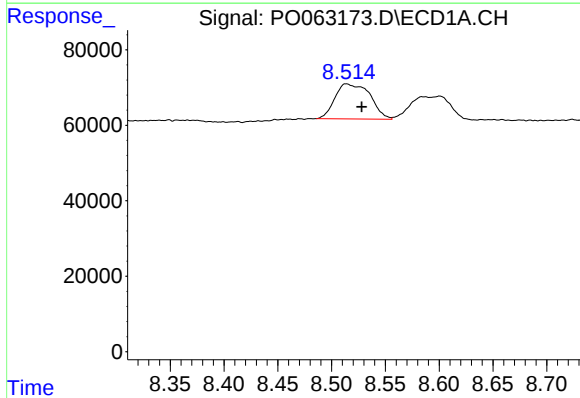
R.T.: 8.215 min  
Delta R.T.: -0.014 min  
Response: 326082  
Conc: 50.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



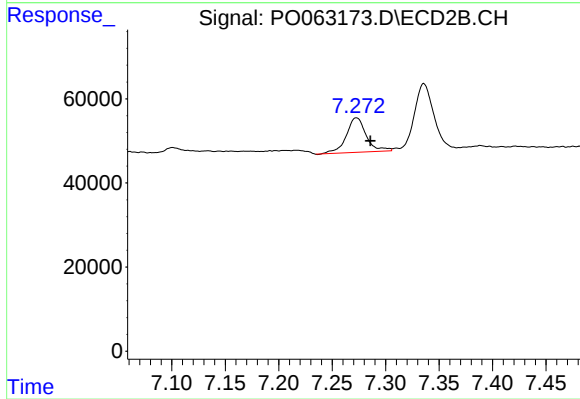
#37 AR-1262-2

R.T.: 6.995 min  
Delta R.T.: -0.012 min  
Response: 265383  
Conc: 63.16 ng/ml



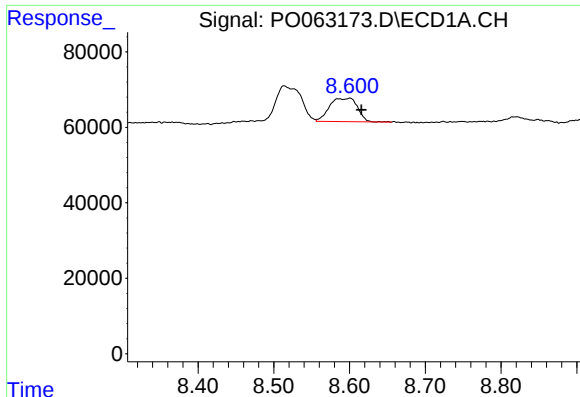
#38 AR-1262-3

R.T.: 8.514 min  
Delta R.T.: -0.014 min  
Response: 210816  
Conc: 47.94 ng/ml



#38 AR-1262-3

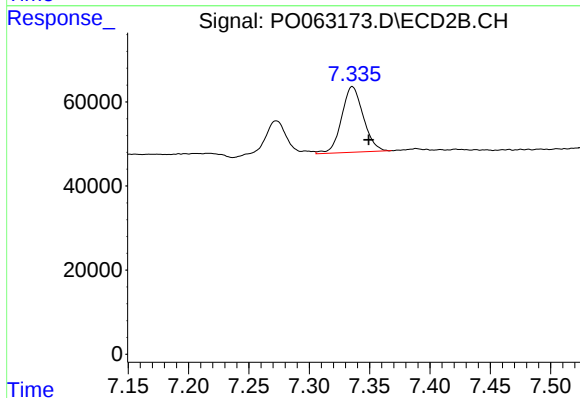
R.T.: 7.273 min  
Delta R.T.: -0.013 min  
Response: 106583  
Conc: 60.60 ng/ml



#39 AR-1262-4

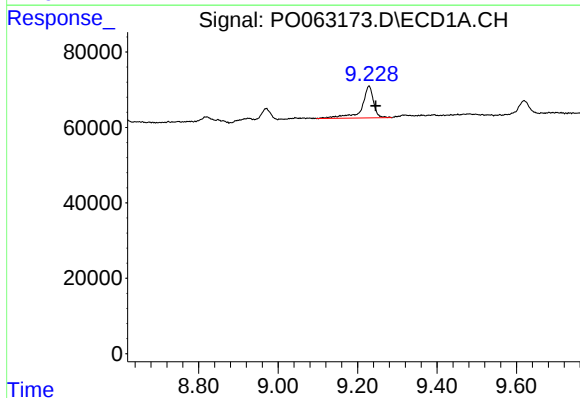
R.T.: 8.600 min  
Delta R.T.: -0.015 min  
Response: 158611  
Conc: 45.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



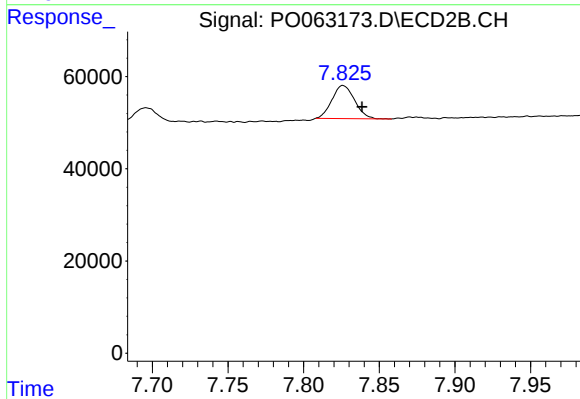
#39 AR-1262-4

R.T.: 7.336 min  
Delta R.T.: -0.013 min  
Response: 194854  
Conc: 63.74 ng/ml



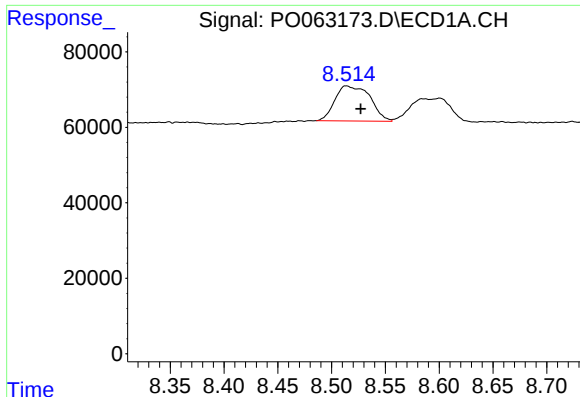
#40 AR-1262-5

R.T.: 9.229 min  
Delta R.T.: -0.017 min  
Response: 173544  
Conc: 76.83 ng/ml



#40 AR-1262-5

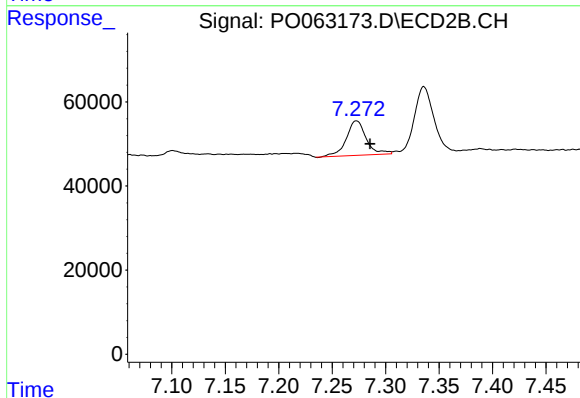
R.T.: 7.826 min  
Delta R.T.: -0.012 min  
Response: 74613  
Conc: 57.13 ng/ml



#41 AR-1268-1

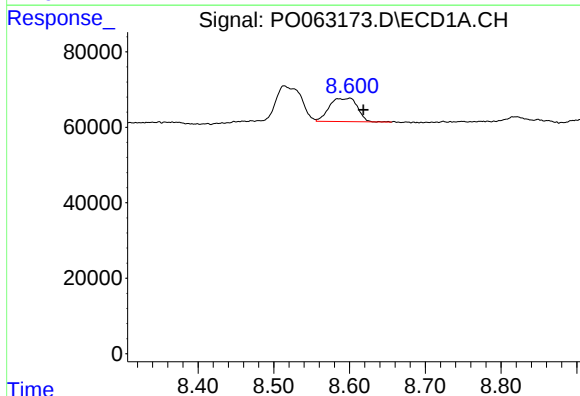
R.T.: 8.514 min  
Delta R.T.: -0.013 min  
Response: 210816  
Conc: 27.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



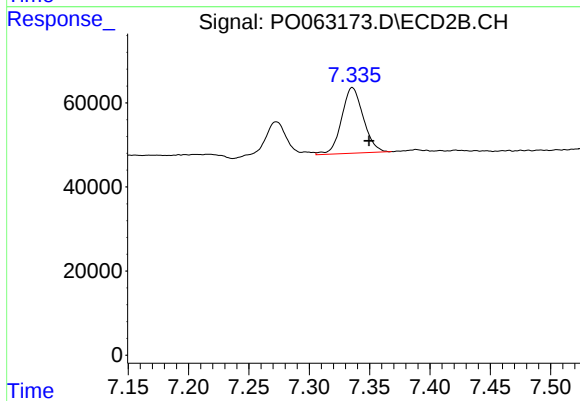
#41 AR-1268-1

R.T.: 7.273 min  
Delta R.T.: -0.013 min  
Response: 106583  
Conc: 22.76 ng/ml



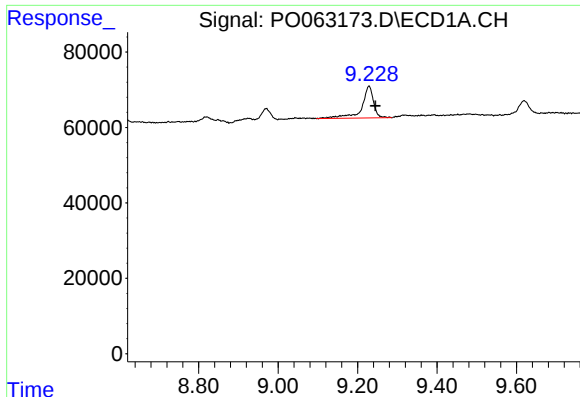
#42 AR-1268-2

R.T.: 8.600 min  
Delta R.T.: -0.018 min  
Response: 158611  
Conc: 22.58 ng/ml



#42 AR-1268-2

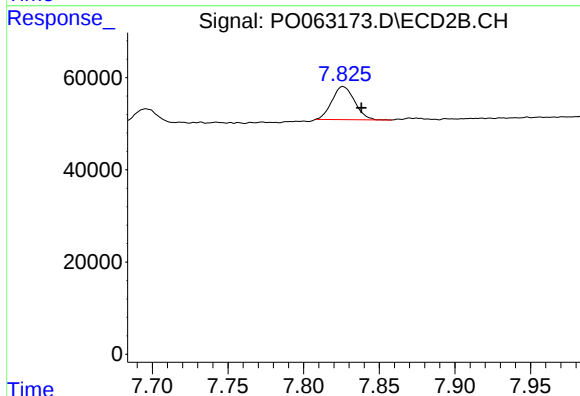
R.T.: 7.336 min  
Delta R.T.: -0.014 min  
Response: 194854  
Conc: 46.64 ng/ml



#44 AR-1268-4

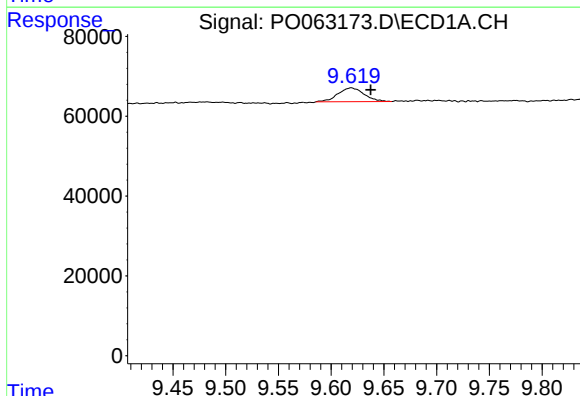
R.T.: 9.229 min  
Delta R.T.: -0.016 min  
Response: 173544  
Conc: 73.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



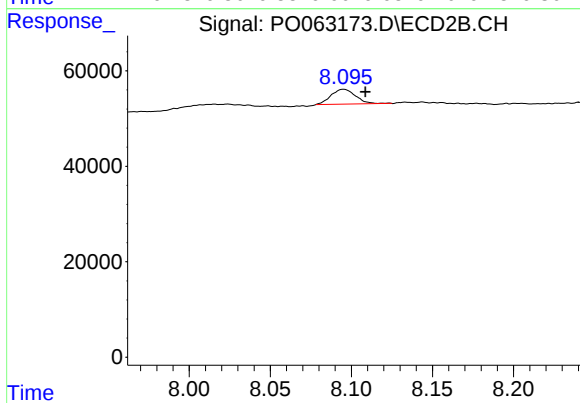
#44 AR-1268-4

R.T.: 7.826 min  
Delta R.T.: -0.012 min  
Response: 74613  
Conc: 52.36 ng/ml



#45 AR-1268-5

R.T.: 9.619 min  
Delta R.T.: -0.018 min  
Response: 59533  
Conc: 3.30 ng/ml



#45 AR-1268-5

R.T.: 8.095 min  
Delta R.T.: -0.013 min  
Response: 32823  
Conc: 3.55 ng/ml