

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102918\  
 Data File : PO050733.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Oct 2018 17:03  
 Operator : SM/SJ  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

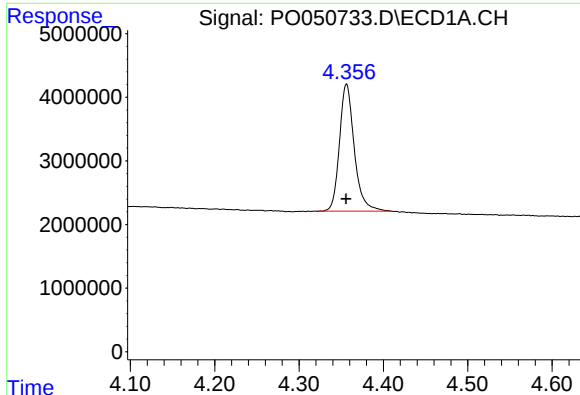
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 05:41:38 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 30 05:41:30 2018  
 Response via : Initial Calibration  
 Integrator: 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... | 4.356  | 3.349 | 24411177 | 10440385 | 48.448  | 47.954    |
| 2)                          | SA Decachlor... | 10.017 | 8.097 | 15398708 | 12602780 | 49.149  | 48.802    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.521  | 4.366 | 4858942  | 2306731  | 254.719 | 251.013   |
| 4)                          | L1 AR-1016-2    | 5.542  | 4.382 | 5728279  | 2769270  | 205.593 | 178.708   |
| 5)                          | L1 AR-1016-3    | 5.603  | 4.547 | 2638158  | 1724053  | 160.279 | 215.246 # |
| 6)                          | L1 AR-1016-4    | 5.702  | 4.589 | 3066971  | 3482383  | 228.430 | 572.315 # |
| 7)                          | L1 AR-1016-5    | 5.996  | 4.788 | 7567828  | 4665594  | 560.907 | 540.653   |
| 21)                         | L5 AR-1248-1    | 5.521  | 4.366 | 4858942  | 2306731  | 500.000 | 500.000   |
| 22)                         | L5 AR-1248-2    | 5.792  | 4.589 | 6476695  | 3482383  | 500.000 | 500.000   |
| 23)                         | L5 AR-1248-3    | 5.996  | 4.627 | 7567828  | 3495088  | 500.000 | 500.000   |
| 24)                         | L5 AR-1248-4    | 6.398  | 4.788 | 8335674  | 4665594  | 500.000 | 500.000   |
| 25)                         | L5 AR-1248-5    | 6.436  | 5.160 | 7805521  | 4807398  | 500.000 | 500.000   |
| 26)                         | L6 AR-1254-1    | 6.370  | 5.122 | 6432809  | 6910544  | 292.953 | 360.415   |
| 27)                         | L6 AR-1254-2    | 6.593  | 5.264 | 8362652  | 2281922  | 247.342 | 131.452 # |
| 28)                         | L6 AR-1254-3    | 6.955  | 5.647 | 4538950  | 3667899  | 130.344 | 129.589   |
| 29)                         | L6 AR-1254-4    | 7.239  | 5.868 | 2958302  | 2197635  | 127.899 | 124.335   |
| 30)                         | L6 AR-1254-5    | 7.656  | 6.270 | 732509   | 733235   | 29.835  | 27.425    |
| 31)                         | L7 AR-1260-1    | 7.079  | 5.783 | 1267712  | 1632996  | 49.278  | 78.981 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 5.955 | 0        | 344299   | N.D.    | 11.990 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.098 | 0        | 461154   | N.D.    | 18.700 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.557 | 0        | 138141   | N.D.    | 6.698 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 6.792 | 0        | 139806   | N.D.    | 2.691 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.307 | 0        | 101640   | N.D.    | 3.612 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 6.792 | 0        | 139806   | N.D.    | 3.112 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.132 | 0        | 219824   | N.D.    | 12.244 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.132 | 0        | 219824   | N.D.    | 7.472 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.132 | 0        | 219824   | N.D.    | 3.991 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.132 | 0        | 219824   | N.D.    | 4.612 #   |
| -----                       |                 |        |       |          |          |         |           |

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

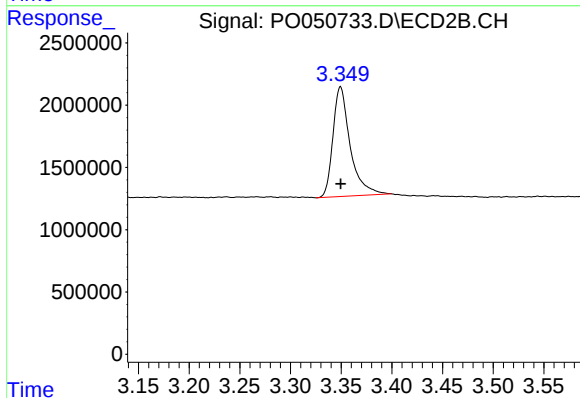




#1 Tetrachloro-m-xylene

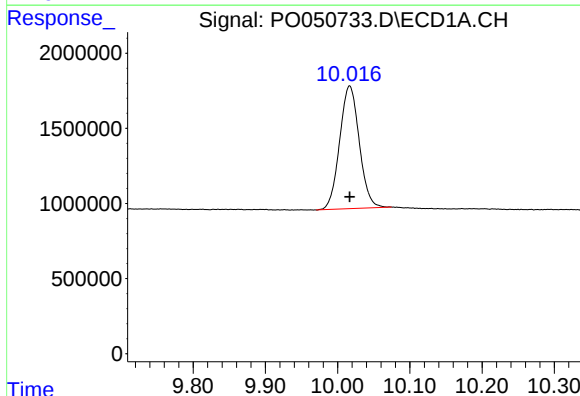
R.T.: 4.356 min  
Delta R.T.: 0.000 min  
Response: 24411177  
Conc: 48.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



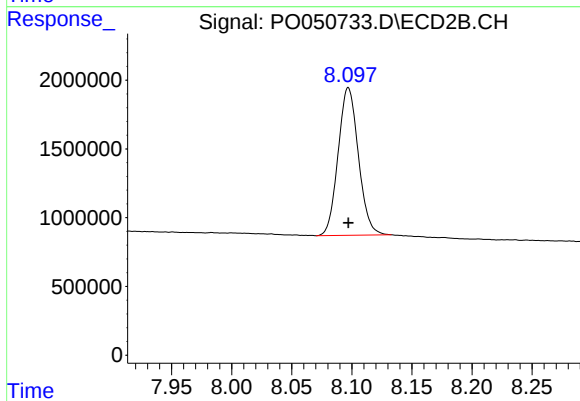
#1 Tetrachloro-m-xylene

R.T.: 3.349 min  
Delta R.T.: 0.000 min  
Response: 10440385  
Conc: 47.95 ng/ml



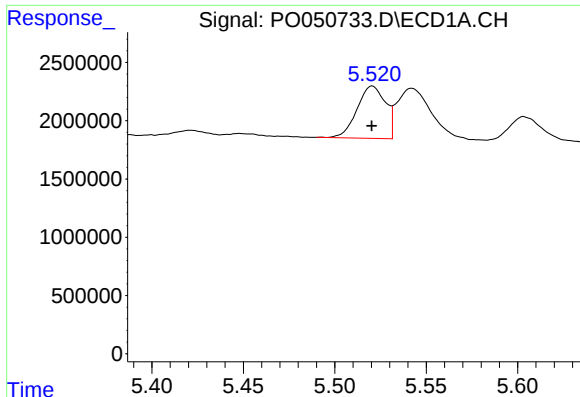
#2 Decachlorobiphenyl

R.T.: 10.017 min  
Delta R.T.: 0.000 min  
Response: 15398708  
Conc: 49.15 ng/ml



#2 Decachlorobiphenyl

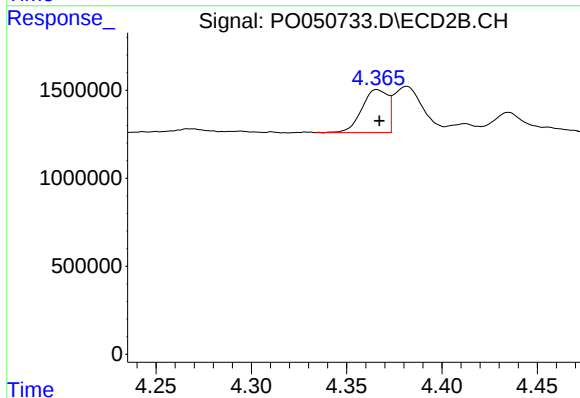
R.T.: 8.097 min  
Delta R.T.: 0.000 min  
Response: 12602780  
Conc: 48.80 ng/ml



#3 AR-1016-1

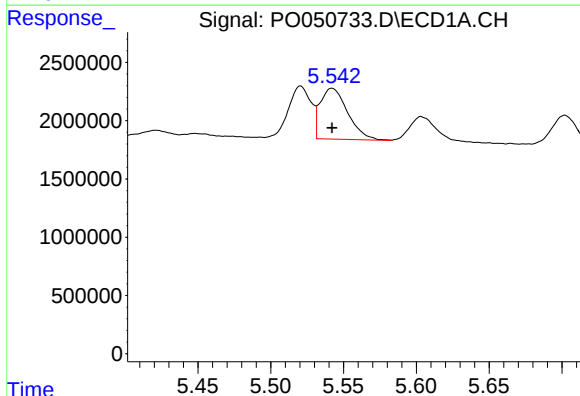
R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 4858942  
Conc: 254.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



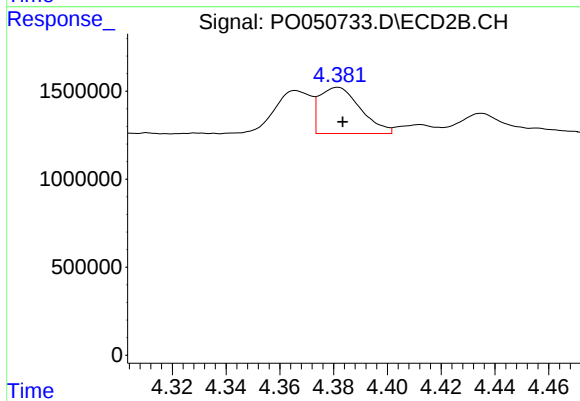
#3 AR-1016-1

R.T.: 4.366 min  
Delta R.T.: -0.001 min  
Response: 2306731  
Conc: 251.01 ng/ml



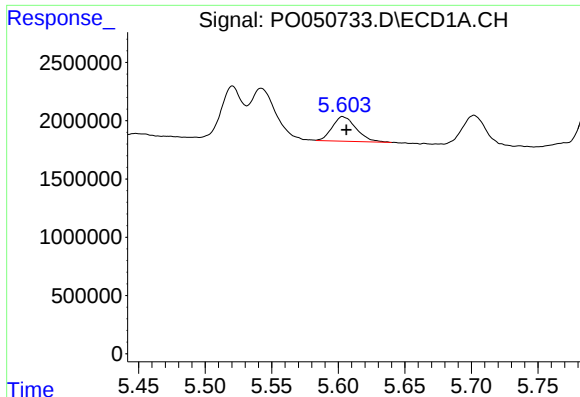
#4 AR-1016-2

R.T.: 5.542 min  
Delta R.T.: 0.000 min  
Response: 5728279  
Conc: 205.59 ng/ml



#4 AR-1016-2

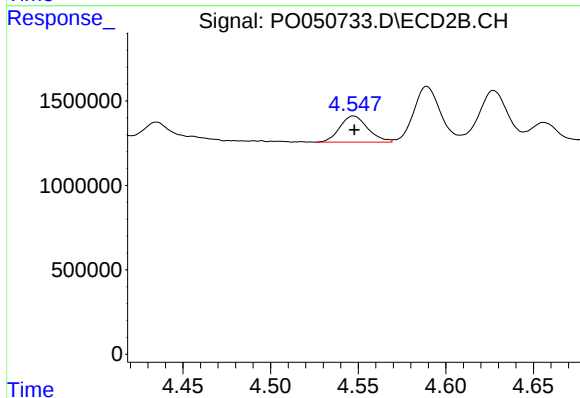
R.T.: 4.382 min  
Delta R.T.: -0.002 min  
Response: 2769270  
Conc: 178.71 ng/ml



#5 AR-1016-3

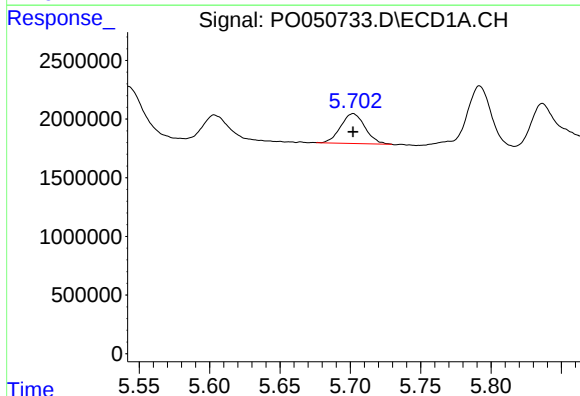
R.T.: 5.603 min  
Delta R.T.: -0.003 min  
Response: 2638158  
Conc: 160.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



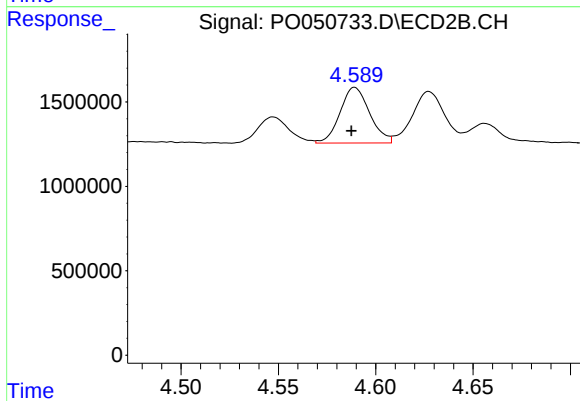
#5 AR-1016-3

R.T.: 4.547 min  
Delta R.T.: 0.000 min  
Response: 1724053  
Conc: 215.25 ng/ml



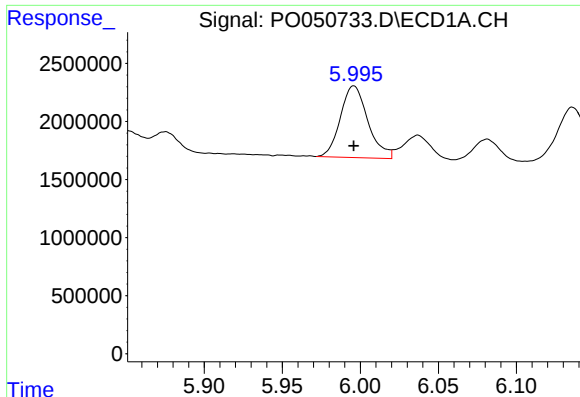
#6 AR-1016-4

R.T.: 5.702 min  
Delta R.T.: 0.000 min  
Response: 3066971  
Conc: 228.43 ng/ml



#6 AR-1016-4

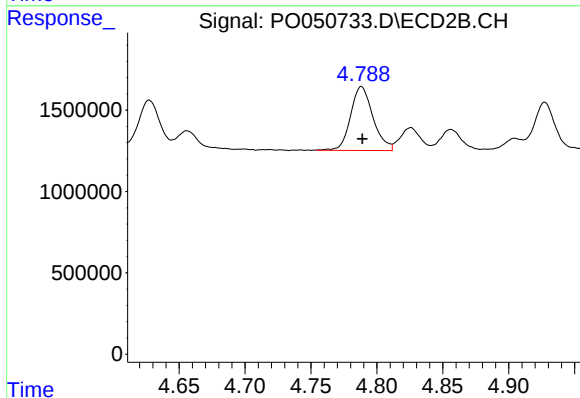
R.T.: 4.589 min  
Delta R.T.: 0.002 min  
Response: 3482383  
Conc: 572.31 ng/ml



#7 AR-1016-5

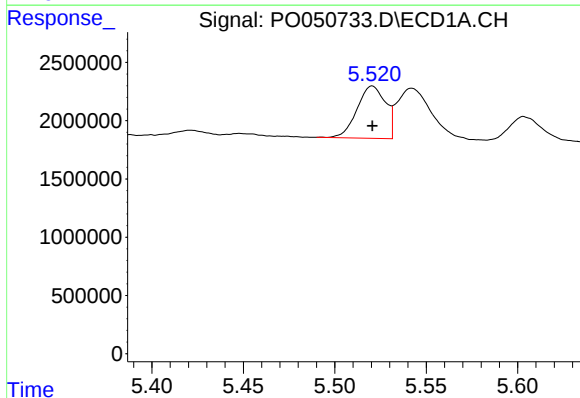
R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 7567828  
Conc: 560.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



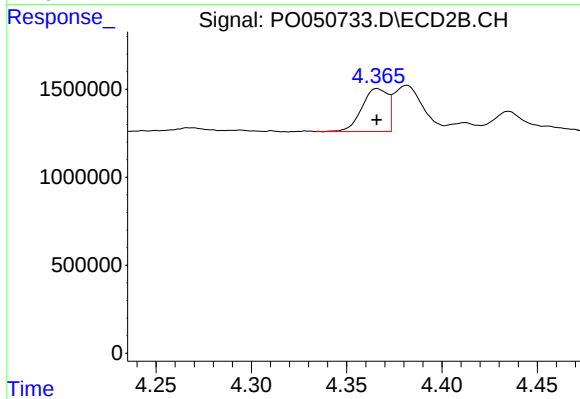
#7 AR-1016-5

R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 4665594  
Conc: 540.65 ng/ml



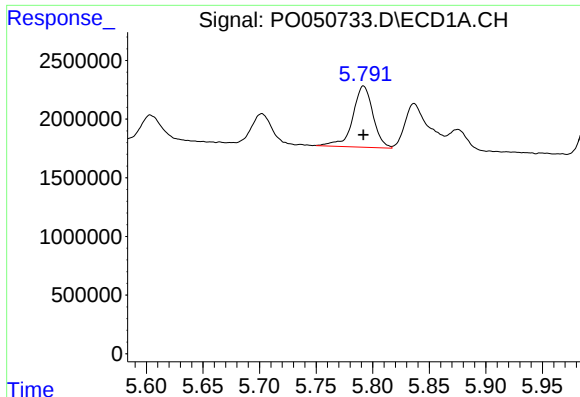
#21 AR-1248-1

R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 4858942  
Conc: 500.00 ng/ml



#21 AR-1248-1

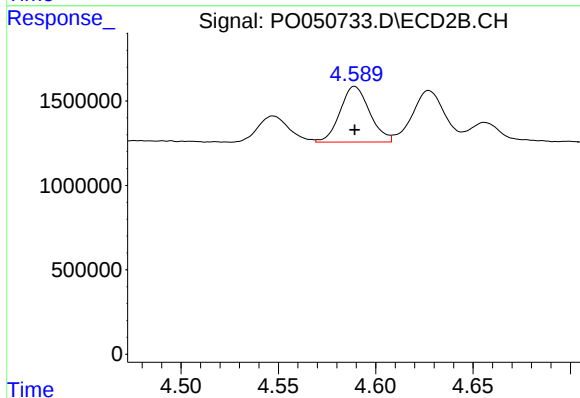
R.T.: 4.366 min  
Delta R.T.: 0.000 min  
Response: 2306731  
Conc: 500.00 ng/ml



#22 AR-1248-2

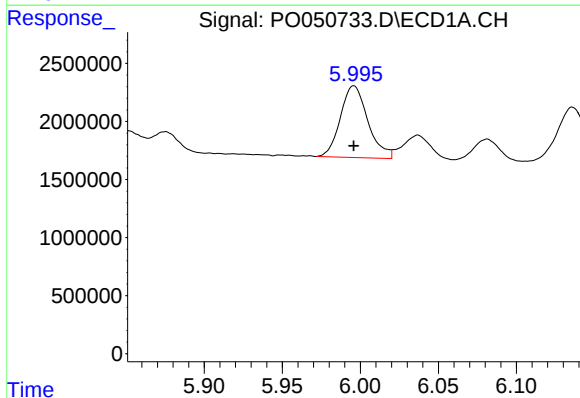
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 6476695  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



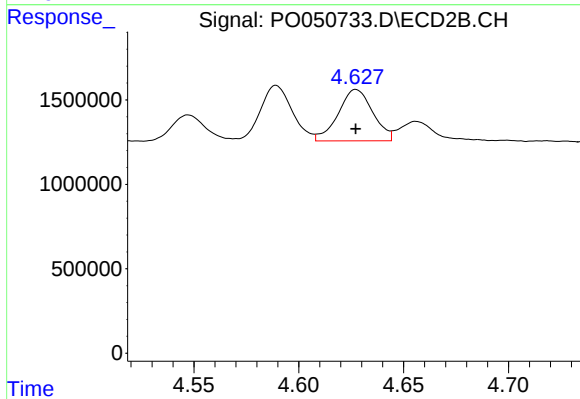
#22 AR-1248-2

R.T.: 4.589 min  
Delta R.T.: 0.000 min  
Response: 3482383  
Conc: 500.00 ng/ml



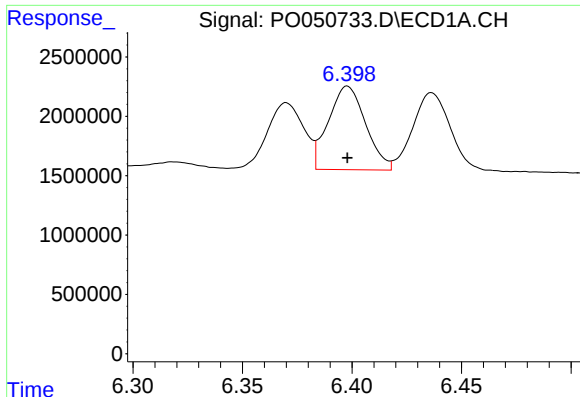
#23 AR-1248-3

R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 7567828  
Conc: 500.00 ng/ml



#23 AR-1248-3

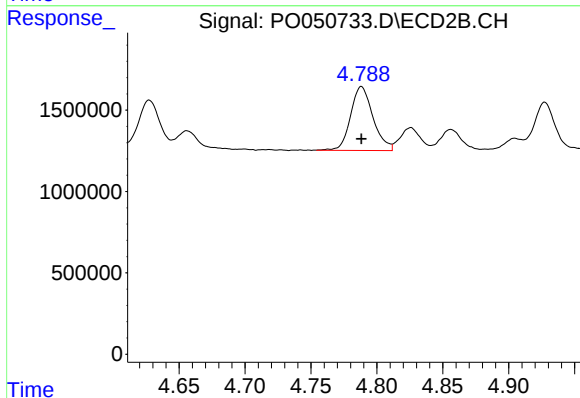
R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 3495088  
Conc: 500.00 ng/ml



#24 AR-1248-4

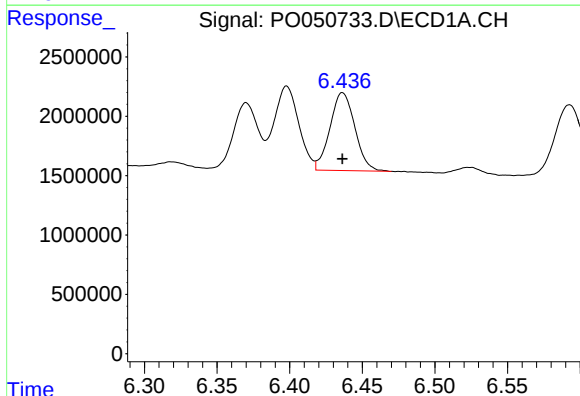
R.T.: 6.398 min  
Delta R.T.: 0.000 min  
Response: 8335674  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



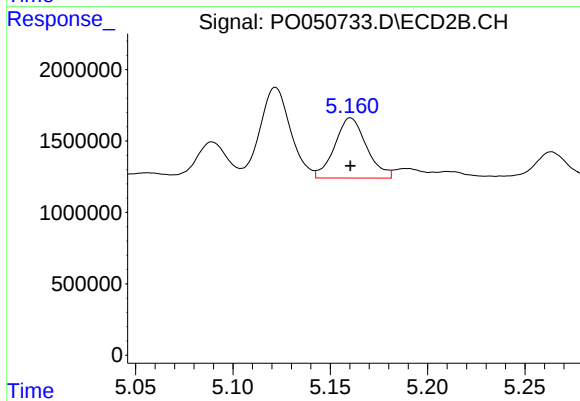
#24 AR-1248-4

R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 4665594  
Conc: 500.00 ng/ml



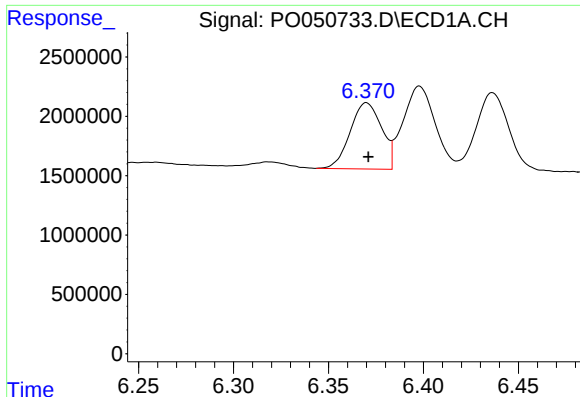
#25 AR-1248-5

R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 7805521  
Conc: 500.00 ng/ml



#25 AR-1248-5

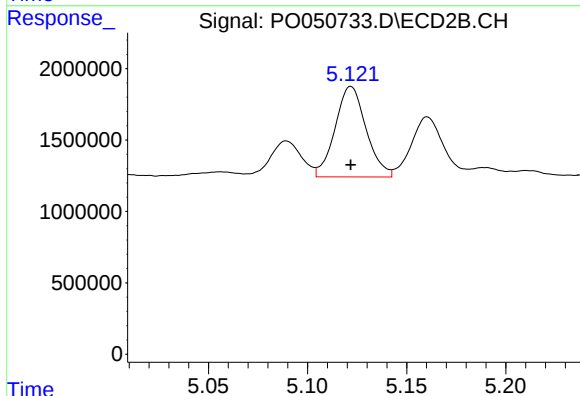
R.T.: 5.160 min  
Delta R.T.: 0.000 min  
Response: 4807398  
Conc: 500.00 ng/ml



#26 AR-1254-1

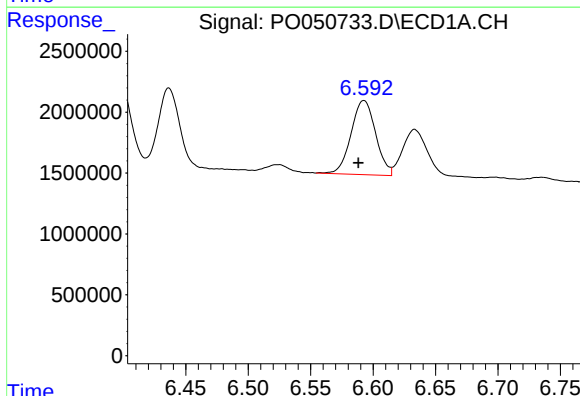
R.T.: 6.370 min  
Delta R.T.: 0.000 min  
Response: 6432809  
Conc: 292.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



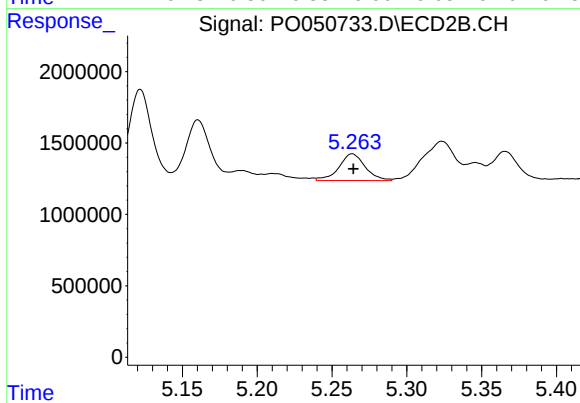
#26 AR-1254-1

R.T.: 5.122 min  
Delta R.T.: 0.000 min  
Response: 6910544  
Conc: 360.41 ng/ml



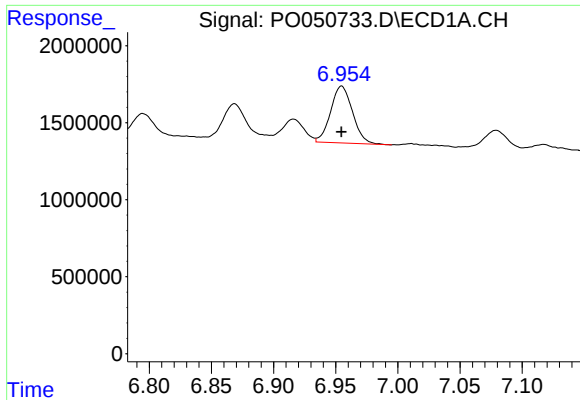
#27 AR-1254-2

R.T.: 6.593 min  
Delta R.T.: 0.004 min  
Response: 8362652  
Conc: 247.34 ng/ml



#27 AR-1254-2

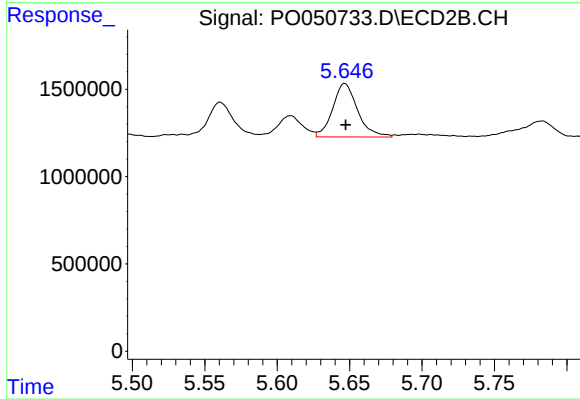
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 2281922  
Conc: 131.45 ng/ml



#28 AR-1254-3

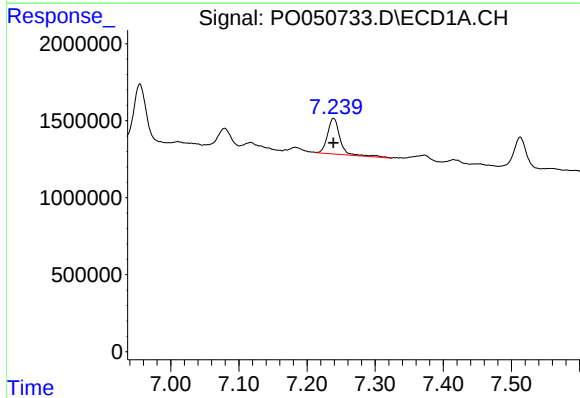
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 4538950  
Conc: 130.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



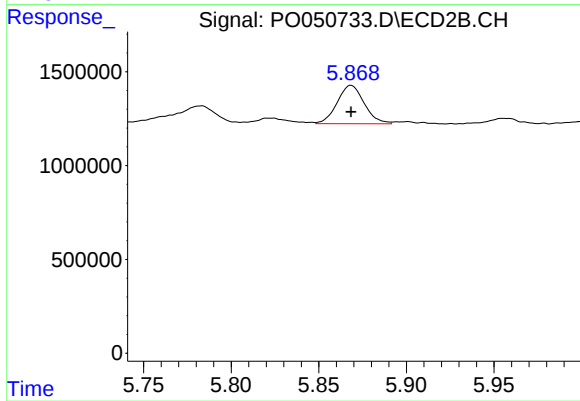
#28 AR-1254-3

R.T.: 5.647 min  
Delta R.T.: 0.000 min  
Response: 3667899  
Conc: 129.59 ng/ml



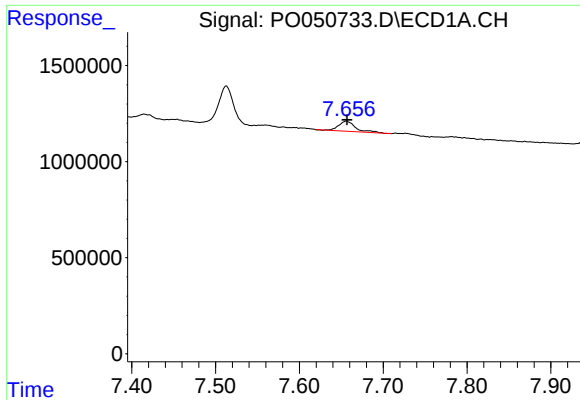
#29 AR-1254-4

R.T.: 7.239 min  
Delta R.T.: 0.000 min  
Response: 2958302  
Conc: 127.90 ng/ml



#29 AR-1254-4

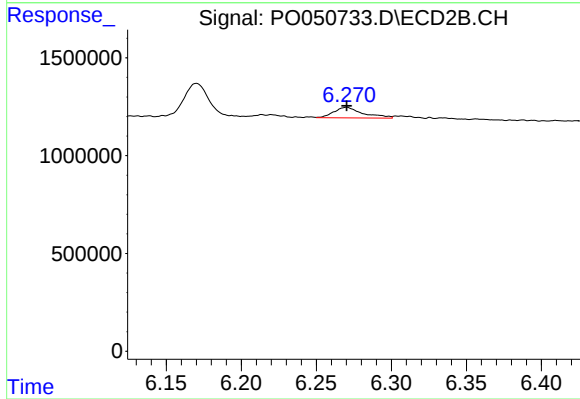
R.T.: 5.868 min  
Delta R.T.: 0.000 min  
Response: 2197635  
Conc: 124.33 ng/ml



#30 AR-1254-5

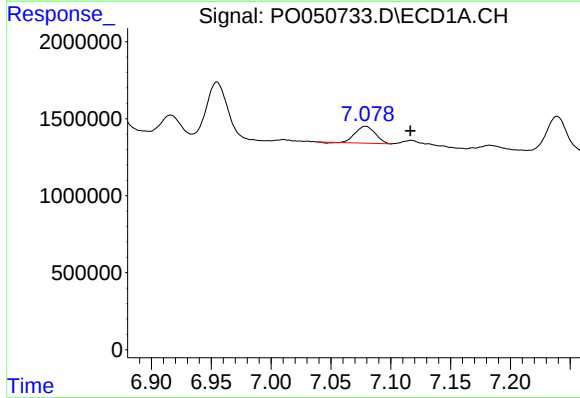
R.T.: 7.656 min  
Delta R.T.: 0.000 min  
Response: 732509  
Conc: 29.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



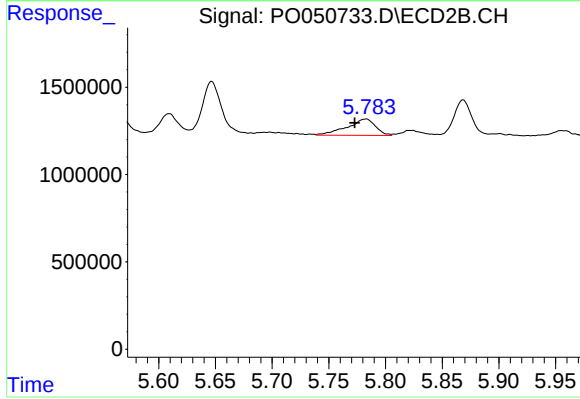
#30 AR-1254-5

R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 733235  
Conc: 27.42 ng/ml



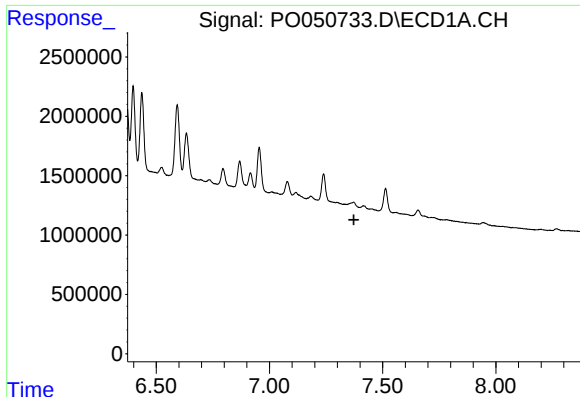
#31 AR-1260-1

R.T.: 7.079 min  
Delta R.T.: -0.037 min  
Response: 1267712  
Conc: 49.28 ng/ml



#31 AR-1260-1

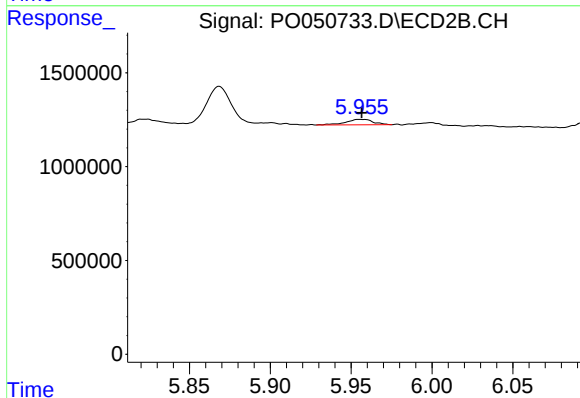
R.T.: 5.783 min  
Delta R.T.: 0.010 min  
Response: 1632996  
Conc: 78.98 ng/ml



#32 AR-1260-2

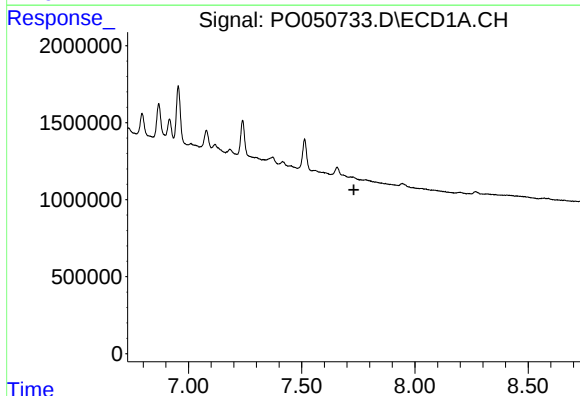
R.T.: 0.000 min  
Exp R.T. : 7.373 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



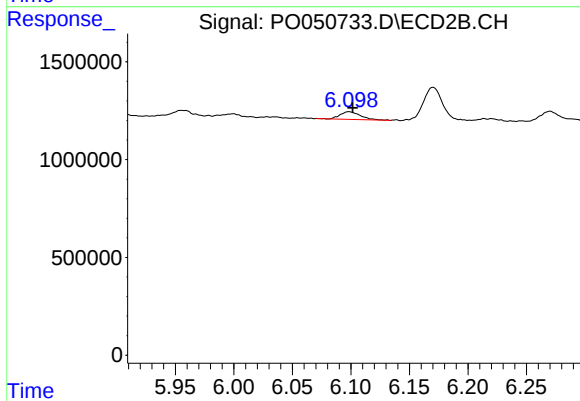
#32 AR-1260-2

R.T.: 5.955 min  
Delta R.T.: -0.002 min  
Response: 344299  
Conc: 11.99 ng/ml



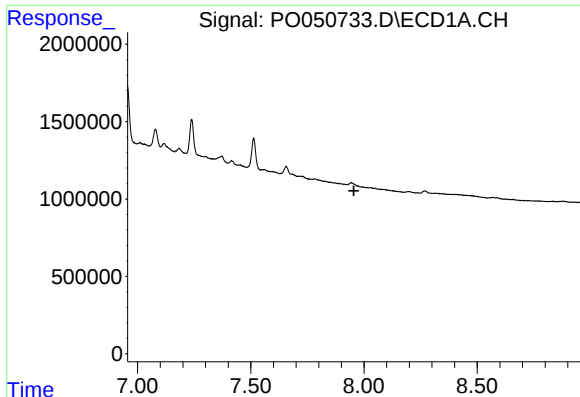
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.731 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

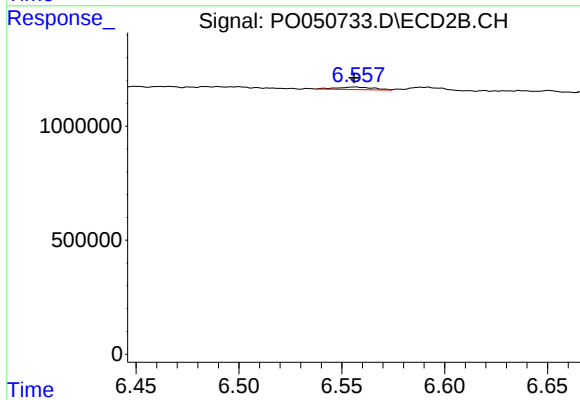
R.T.: 6.098 min  
Delta R.T.: -0.003 min  
Response: 461154  
Conc: 18.70 ng/ml



#34 AR-1260-4

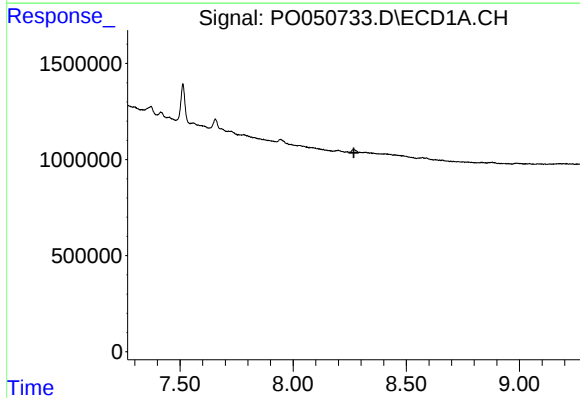
R.T.: 0.000 min  
Exp R.T.: 7.956 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



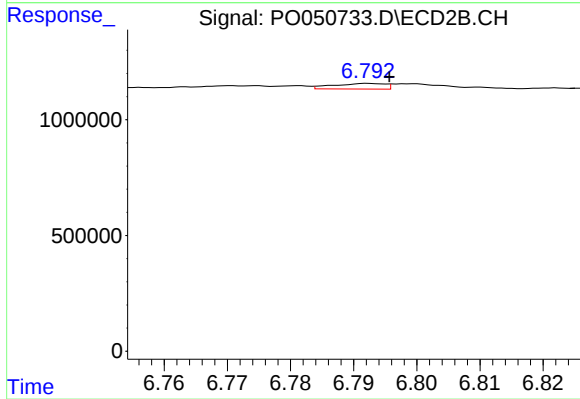
#34 AR-1260-4

R.T.: 6.557 min  
Delta R.T.: 0.000 min  
Response: 138141  
Conc: 6.70 ng/ml



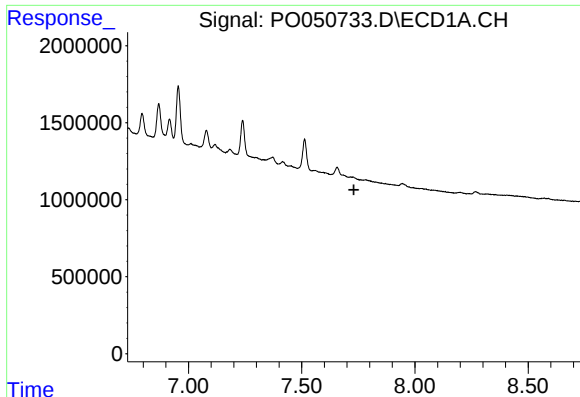
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.268 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

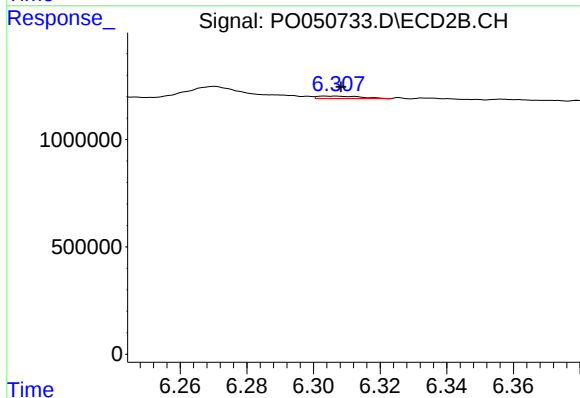
R.T.: 6.792 min  
Delta R.T.: -0.003 min  
Response: 139806  
Conc: 2.69 ng/ml



#36 AR-1262-1

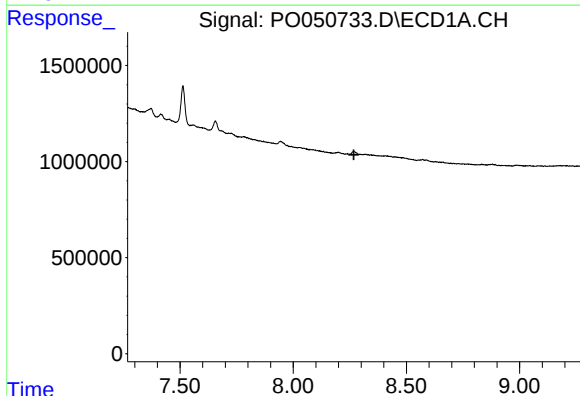
R.T.: 0.000 min  
Exp R.T.: 7.730 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



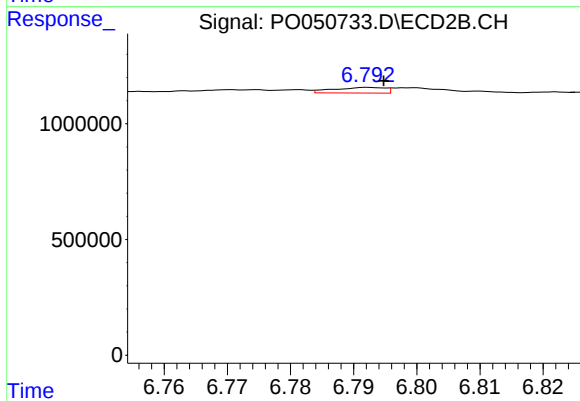
#36 AR-1262-1

R.T.: 6.307 min  
Delta R.T.: -0.002 min  
Response: 101640  
Conc: 3.61 ng/ml



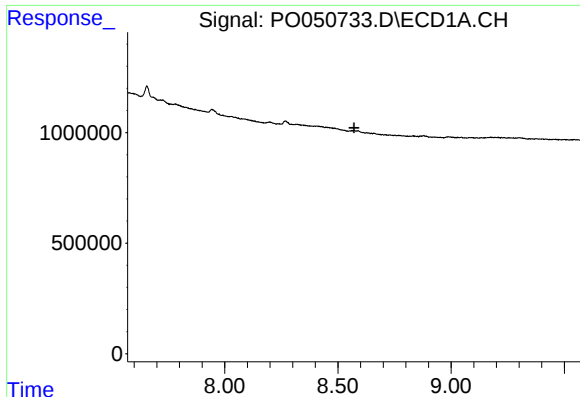
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.268 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

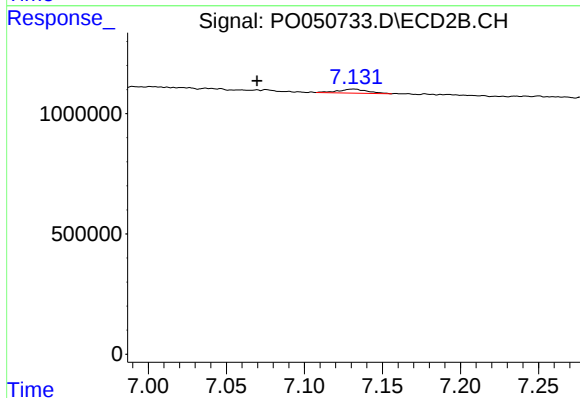
R.T.: 6.792 min  
Delta R.T.: -0.002 min  
Response: 139806  
Conc: 3.11 ng/ml



#38 AR-1262-3

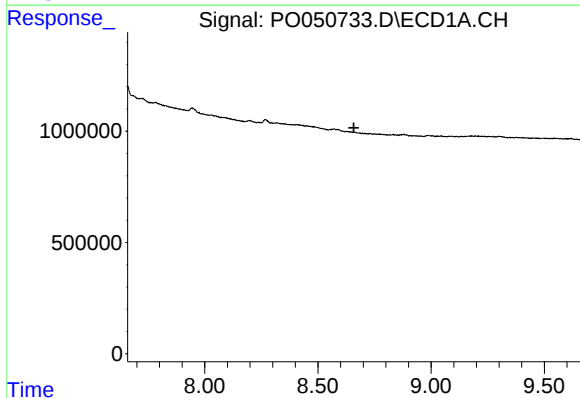
R.T.: 0.000 min  
Exp R.T. : 8.571 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



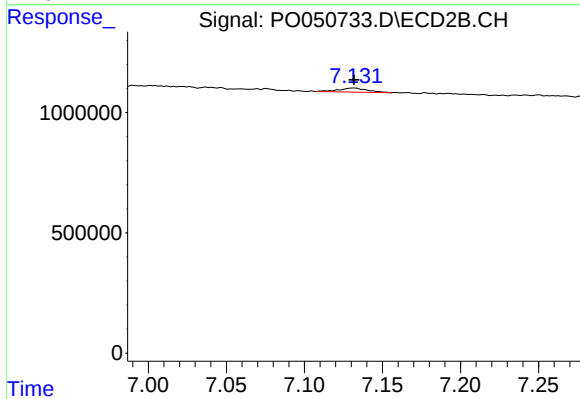
#38 AR-1262-3

R.T.: 7.132 min  
Delta R.T.: 0.062 min  
Response: 219824  
Conc: 12.24 ng/ml



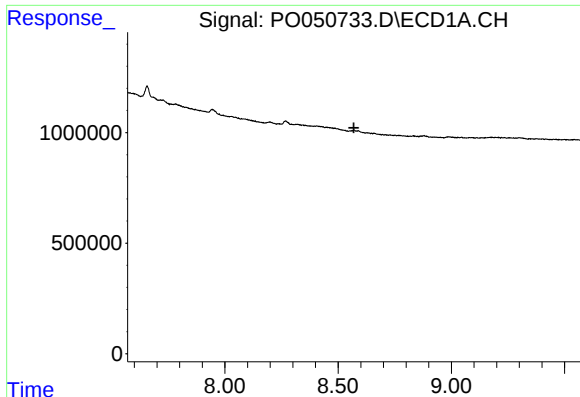
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.658 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

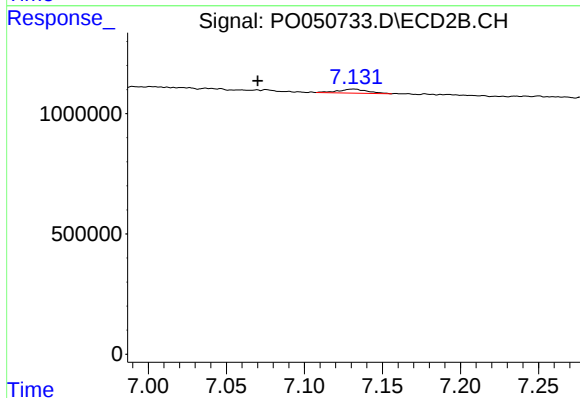
R.T.: 7.132 min  
Delta R.T.: 0.000 min  
Response: 219824  
Conc: 7.47 ng/ml



#41 AR-1268-1

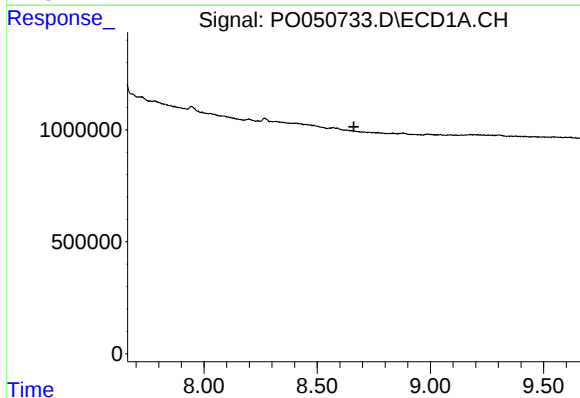
R.T.: 0.000 min  
Exp R.T. : 8.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



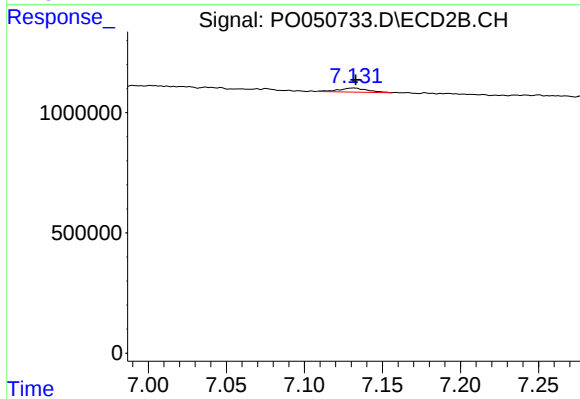
#41 AR-1268-1

R.T.: 7.132 min  
Delta R.T.: 0.061 min  
Response: 219824  
Conc: 3.99 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.662 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.132 min  
Delta R.T.: -0.001 min  
Response: 219824  
Conc: 4.61 ng/ml