

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102822\  
 Data File : PO090030.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2022 21:00  
 Operator : YP/AJ  
 Sample : N4955-09  
 Misc : AR1262 MDL 25 PPB  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 02:04:51 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102722.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 28 05:05:44 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.303  | 3.484  | 65106026 | 21435840 | 20.258 | 20.169   |
| 2)                          | SA Decachlor... | 10.047 | 8.489  | 56076739 | 22287938 | 22.883 | 21.640   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.415f | 0.000  | 417254   | 0        | 3.923  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.555f | 0.000  | 293137   | 0        | 1.924  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.555  | 0.000  | 293137   | 0        | 3.102  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.513  | 0.000  | 2085162  | 0        | 54.627 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.609  | 3.783  | 921679   | 419062   | 32.421 | 41.292 # |
| 13)                         | L3 AR-1232-3    | 5.555f | 0.000  | 293137   | 0        | 4.374  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.415f | 0.000  | 417254   | 0        | 5.043  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.555f | 0.000  | 293137   | 0        | 2.482  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.555  | 0.000  | 293137   | 0        | 3.938  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.340f | 5.373  | 674953   | 179360   | 10.980 | 6.270 #  |
| 21)                         | L5 AR-1248-1    | 5.415f | 0.000  | 417254   | 0        | 6.597  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.340  | 0.000  | 674953   | 0        | 6.331  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.340f | 5.373f | 674953   | 179360   | 6.425  | 4.954    |
| 26)                         | L6 AR-1254-1    | 6.340  | 5.373  | 674953   | 179360   | 5.824  | 3.045 #  |
| 27)                         | L6 AR-1254-2    | 6.558  | 5.522  | 666397   | 198625   | 3.831  | 3.707    |
| 28)                         | L6 AR-1254-3    | 6.925  | 5.943  | 701172   | 796679   | 4.039  | 9.612 #  |
| 29)                         | L6 AR-1254-4    | 7.216  | 6.188  | 334966   | 139545   | 2.628  | 2.810    |
| 30)                         | L6 AR-1254-5    | 7.632  | 6.574  | 2606606  | 868838   | 18.505 | 11.604 # |
| 31)                         | L7 AR-1260-1    | 7.092  | 6.058  | 2883400  | 1146181  | 20.568 | 19.039   |
| 32)                         | L7 AR-1260-2    | 7.351  | 6.248  | 3554372  | 1384766  | 21.970 | 19.168   |
| 33)                         | L7 AR-1260-3    | 7.712  | 6.403  | 4133021  | 1250282  | 39.341 | 18.764 # |
| 34)                         | L7 AR-1260-4    | 7.938  | 6.874  | 3819355  | 1549510  | 30.915 | 30.458   |
| 35)                         | L7 AR-1260-5    | 8.254  | 7.118  | 6884128  | 3004716  | 30.252 | 25.869   |
| 36)                         | L8 AR-1262-1    | 7.712  | 6.615  | 4133021  | 1824113  | 24.932 | 24.074   |
| 37)                         | L8 AR-1262-2    | 8.254  | 7.118  | 6884128  | 3004716  | 24.502 | 23.432   |
| 38)                         | L8 AR-1262-3    | 8.563  | 7.404  | 4681118  | 1291309  | 23.840 | 23.712   |
| 39)                         | L8 AR-1262-4    | 8.650  | 7.467  | 3441381  | 2261544  | 35.367 | 23.286 # |
| 40)                         | L8 AR-1262-5    | 9.300  | 7.963  | 2535218  | 1105272  | 24.060 | 23.288   |
| 41)                         | L9 AR-1268-1    | 8.563  | 7.404  | 4681118  | 1291309  | 13.427 | 8.196 #  |
| 42)                         | L9 AR-1268-2    | 8.650  | 7.467  | 3441381  | 2261544  | 11.031 | 16.119 # |
| 43)                         | L9 AR-1268-3    | 8.878  | 0.000  | 395263   | 0        | 1.471  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.300  | 7.963  | 2535218  | 1105272  | 21.758 | 20.351   |
| 45)                         | L9 AR-1268-5    | 9.712  | 8.242  | 1106896  | 630291   | 1.291  | 1.800 #  |
| -----                       |                 |        |        |          |          |        |          |

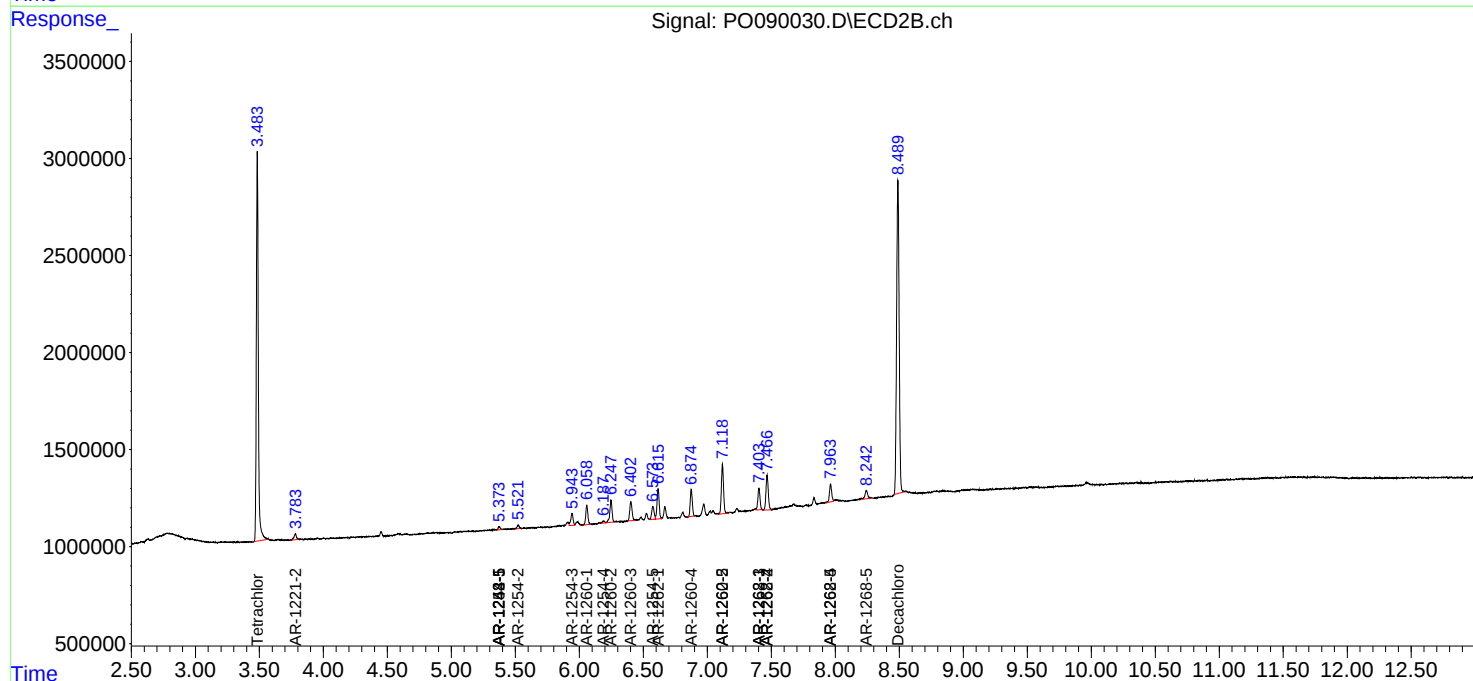
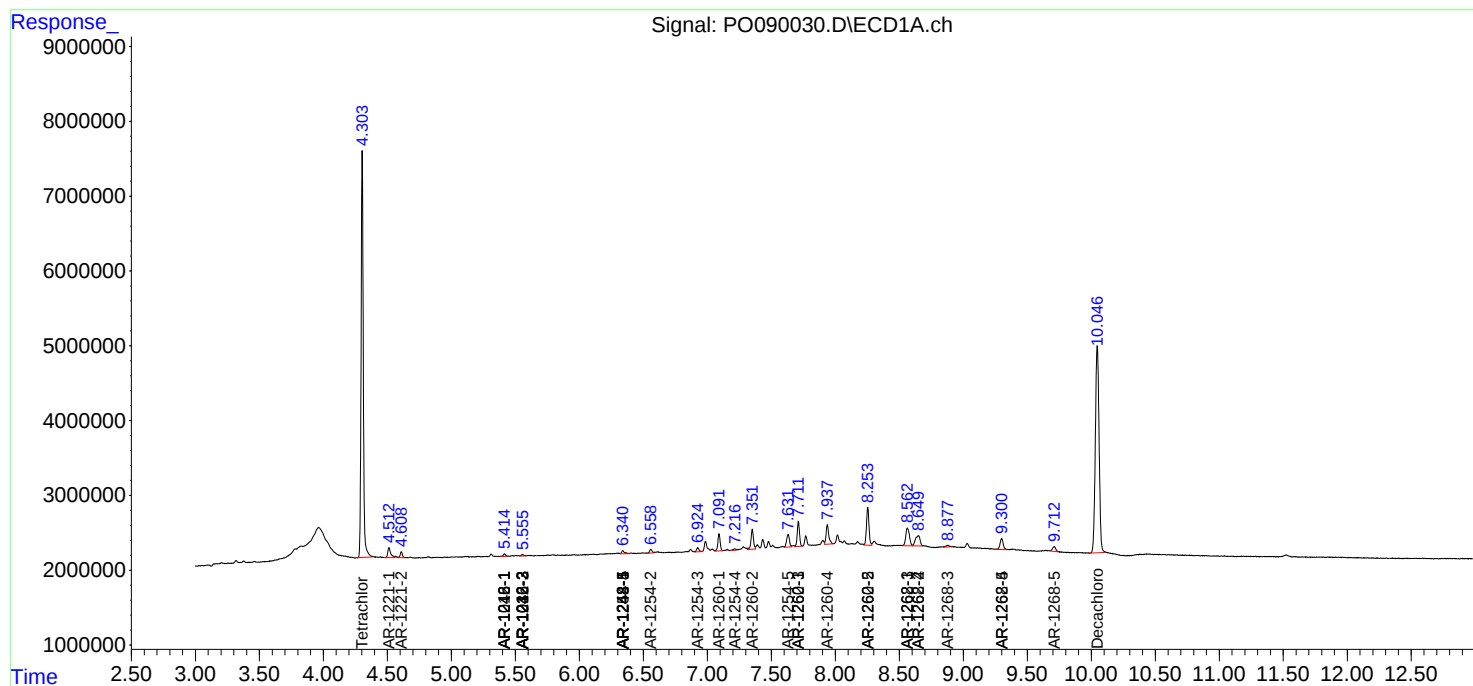
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

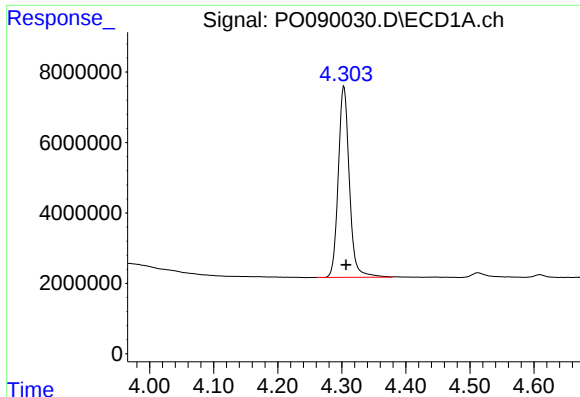
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102822\  
Data File : PO090030.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2022 21:00  
Operator : YP/AJ  
Sample : N4955-09  
Misc : AR1262 MDL 25 PPB  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 02:04:51 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102722.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 28 05:05:44 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

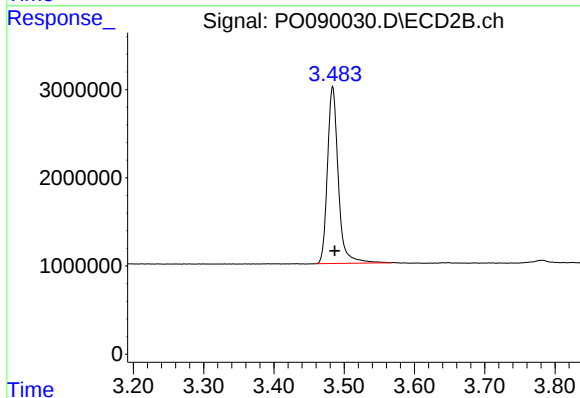




#1 Tetrachloro-m-xylene

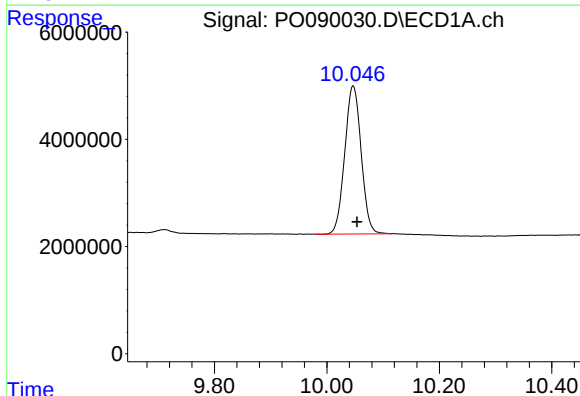
R.T.: 4.303 min  
Delta R.T.: -0.004 min  
Response: 65106026  
Conc: 20.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



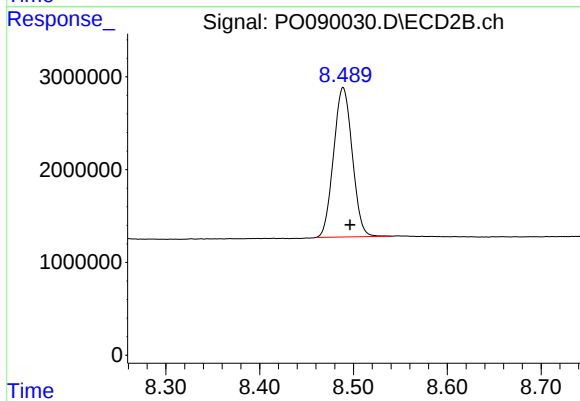
#1 Tetrachloro-m-xylene

R.T.: 3.484 min  
Delta R.T.: -0.003 min  
Response: 21435840  
Conc: 20.17 ng/ml



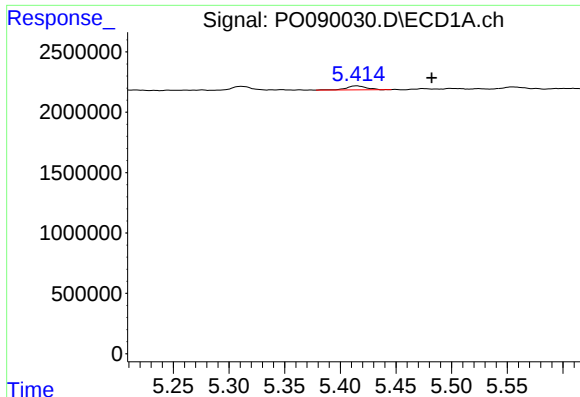
#2 Decachlorobiphenyl

R.T.: 10.047 min  
Delta R.T.: -0.007 min  
Response: 56076739  
Conc: 22.88 ng/ml



#2 Decachlorobiphenyl

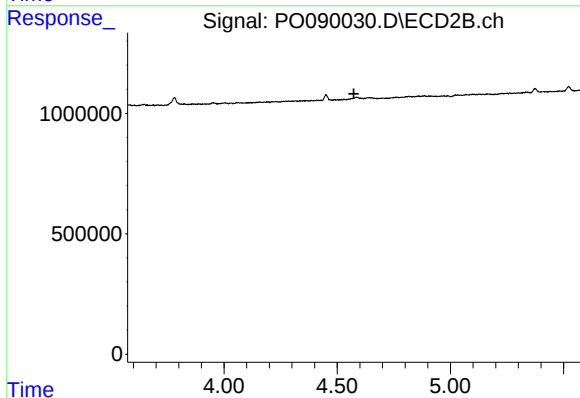
R.T.: 8.489 min  
Delta R.T.: -0.007 min  
Response: 22287938  
Conc: 21.64 ng/ml



#3 AR-1016-1

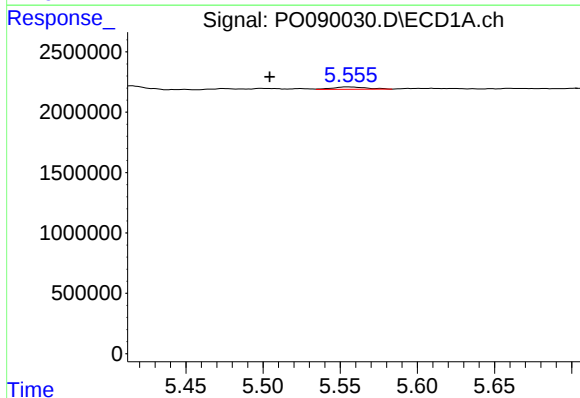
R.T.: 5.415 min  
Delta R.T.: -0.068 min  
Response: 417254  
Conc: 3.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



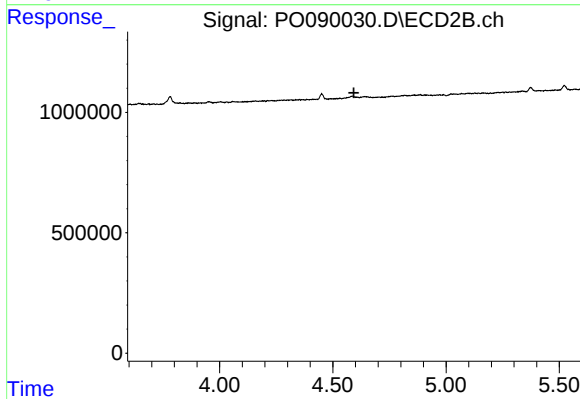
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.574 min  
Response: 0  
Conc: N.D.



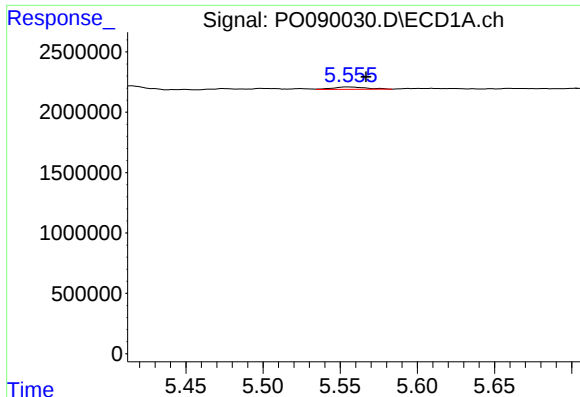
#4 AR-1016-2

R.T.: 5.555 min  
Delta R.T.: 0.051 min  
Response: 293137  
Conc: 1.92 ng/ml



#4 AR-1016-2

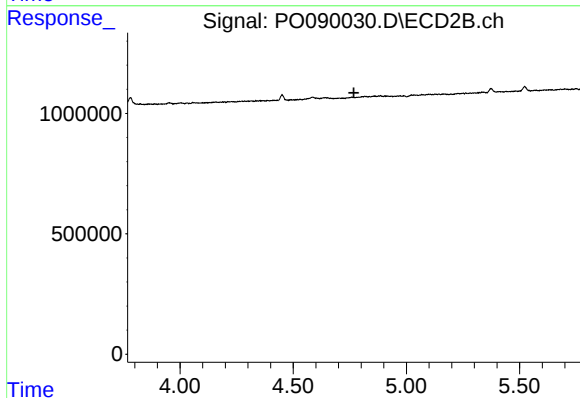
R.T.: 0.000 min  
Exp R.T. : 4.593 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

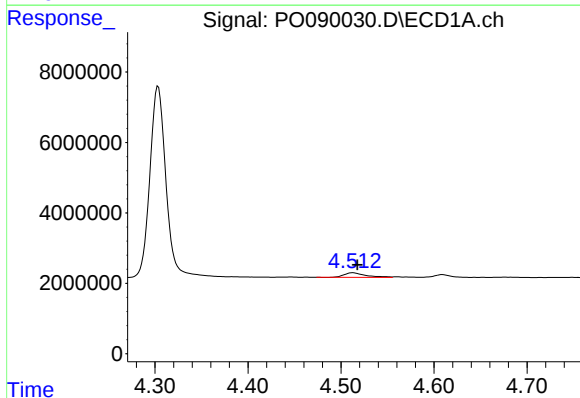
R.T.: 5.555 min  
Delta R.T.: -0.012 min  
Response: 293137  
Conc: 3.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



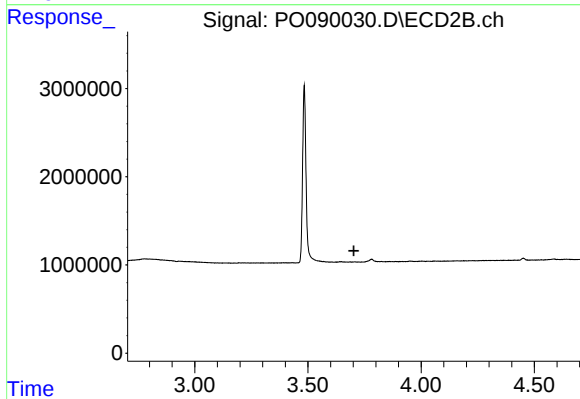
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.768 min  
Response: 0  
Conc: N.D.



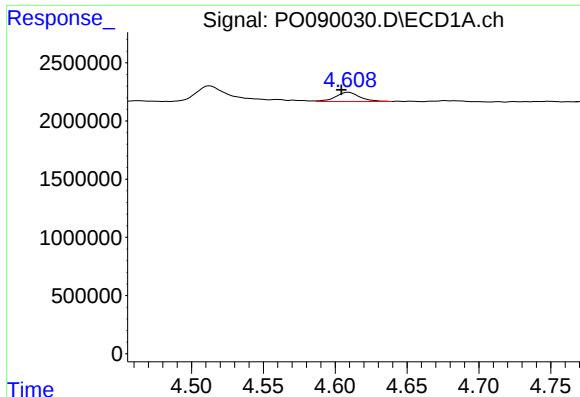
#8 AR-1221-1

R.T.: 4.513 min  
Delta R.T.: -0.005 min  
Response: 2085162  
Conc: 54.63 ng/ml



#8 AR-1221-1

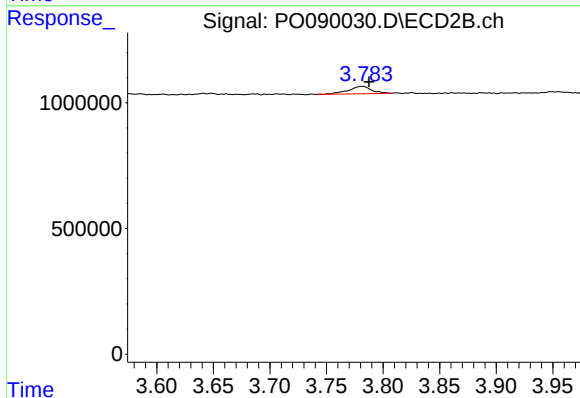
R.T.: 0.000 min  
Exp R.T. : 3.703 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

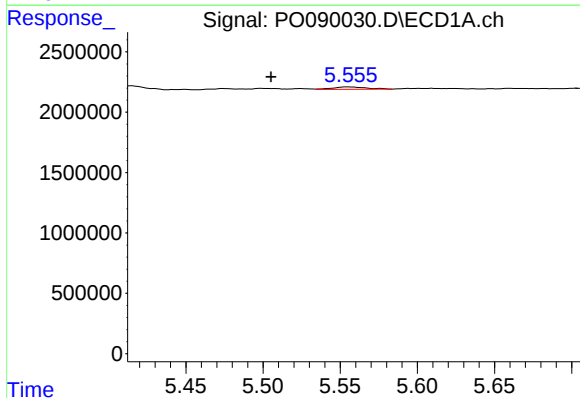
R.T.: 4.609 min  
Delta R.T.: 0.005 min  
Response: 921679  
Conc: 32.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



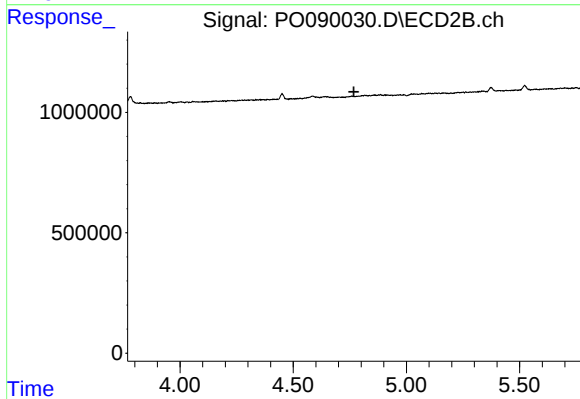
#9 AR-1221-2

R.T.: 3.783 min  
Delta R.T.: -0.005 min  
Response: 419062  
Conc: 41.29 ng/ml



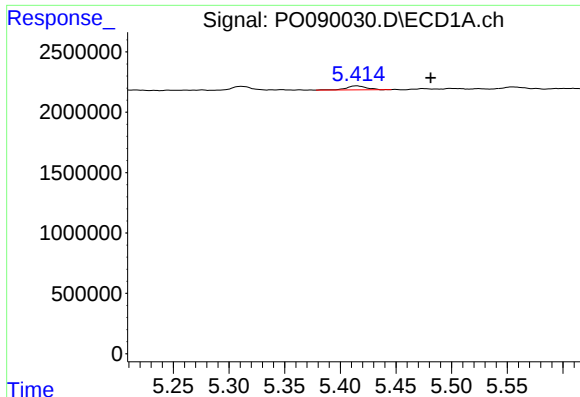
#13 AR-1232-3

R.T.: 5.555 min  
Delta R.T.: 0.050 min  
Response: 293137  
Conc: 4.37 ng/ml



#13 AR-1232-3

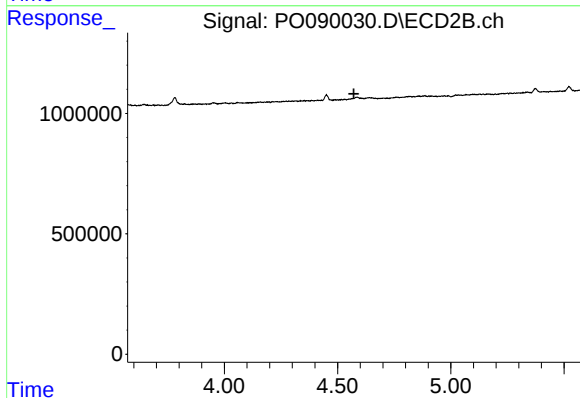
R.T.: 0.000 min  
Exp R.T.: 4.768 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

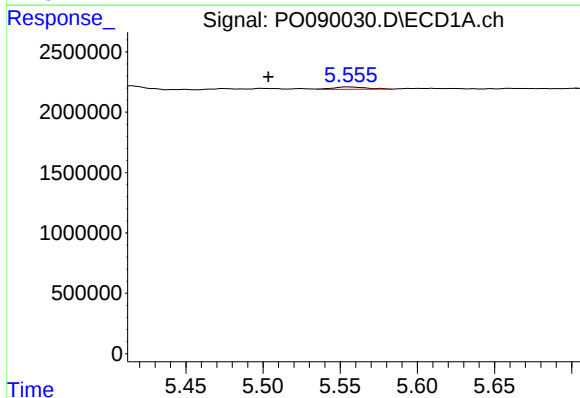
R.T.: 5.415 min  
Delta R.T.: -0.067 min  
Response: 417254  
Conc: 5.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



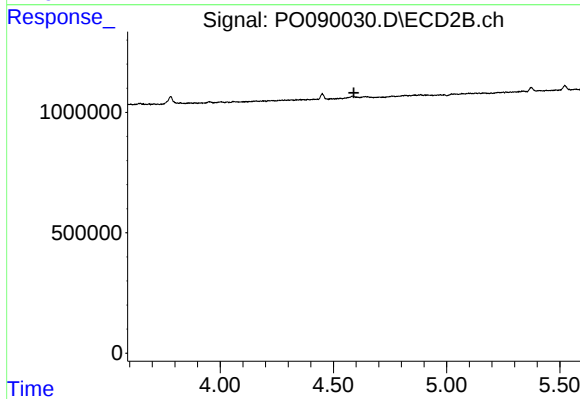
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.572 min  
Response: 0  
Conc: N.D.



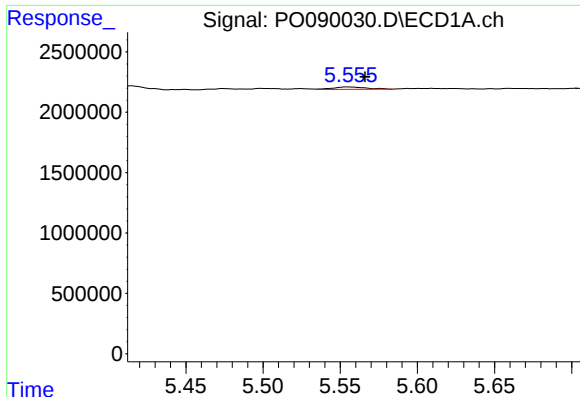
#17 AR-1242-2

R.T.: 5.555 min  
Delta R.T.: 0.052 min  
Response: 293137  
Conc: 2.48 ng/ml



#17 AR-1242-2

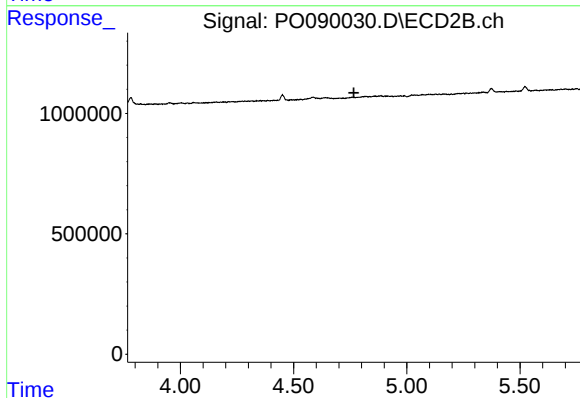
R.T.: 0.000 min  
Exp R.T. : 4.591 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

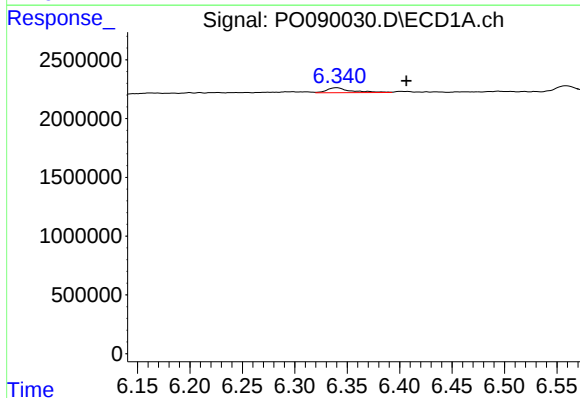
R.T.: 5.555 min  
Delta R.T.: -0.011 min  
Response: 293137  
Conc: 3.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



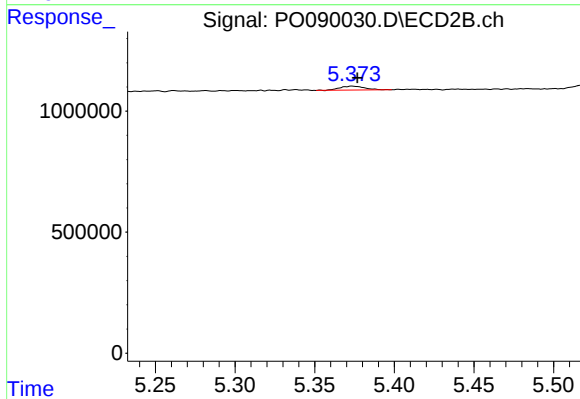
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.766 min  
Response: 0  
Conc: N.D.



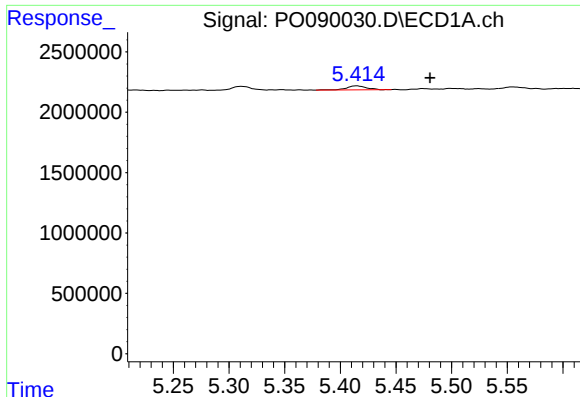
#20 AR-1242-5

R.T.: 6.340 min  
Delta R.T.: -0.066 min  
Response: 674953  
Conc: 10.98 ng/ml



#20 AR-1242-5

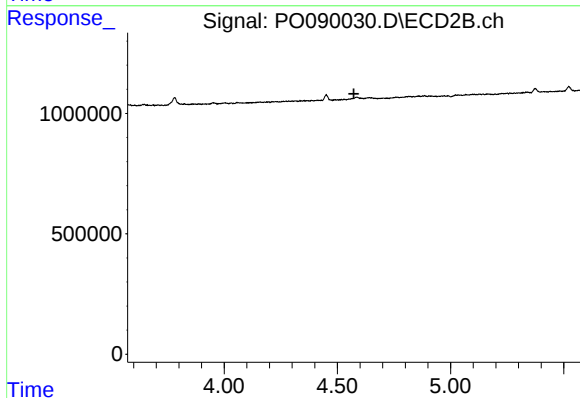
R.T.: 5.373 min  
Delta R.T.: -0.003 min  
Response: 179360  
Conc: 6.27 ng/ml



#21 AR-1248-1

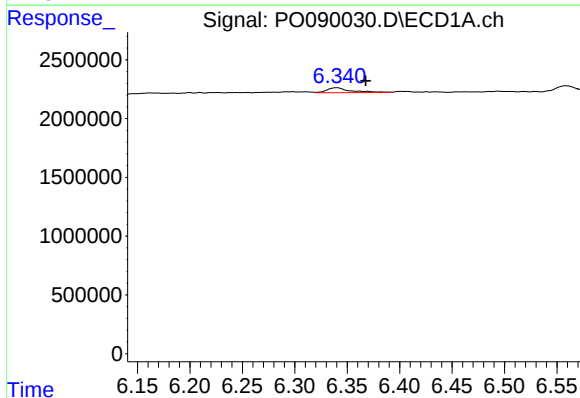
R.T.: 5.415 min  
Delta R.T.: -0.066 min  
Response: 417254  
Conc: 6.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



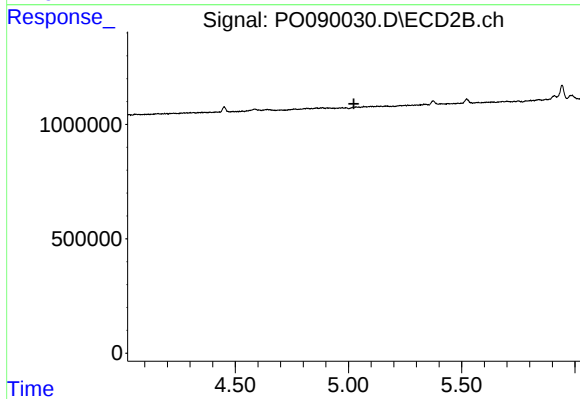
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.573 min  
Response: 0  
Conc: N.D.



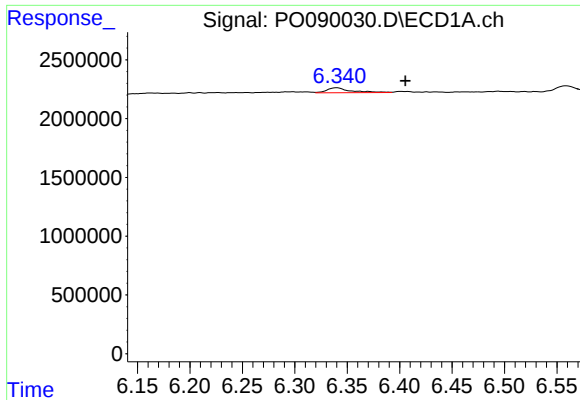
#24 AR-1248-4

R.T.: 6.340 min  
Delta R.T.: -0.027 min  
Response: 674953  
Conc: 6.33 ng/ml



#24 AR-1248-4

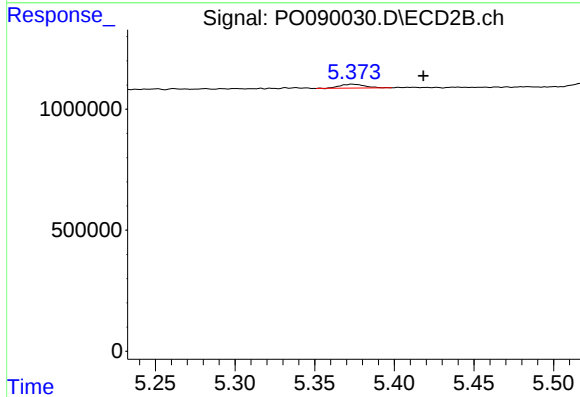
R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

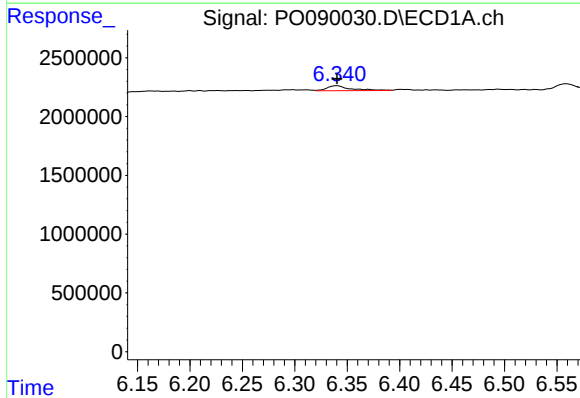
R.T.: 6.340 min  
Delta R.T.: -0.065 min  
Response: 674953  
Conc: 6.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



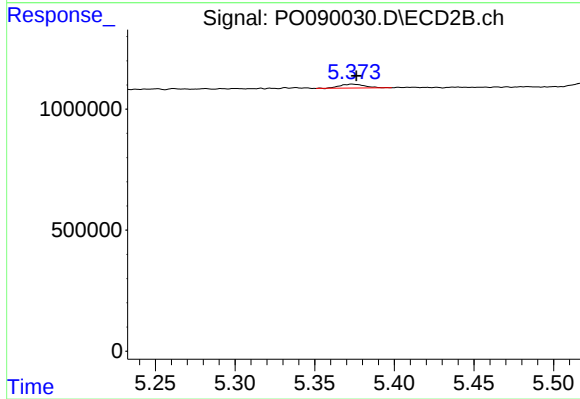
#25 AR-1248-5

R.T.: 5.373 min  
Delta R.T.: -0.045 min  
Response: 179360  
Conc: 4.95 ng/ml



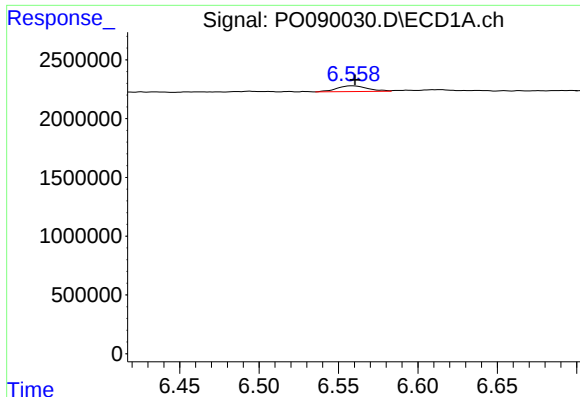
#26 AR-1254-1

R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 674953  
Conc: 5.82 ng/ml



#26 AR-1254-1

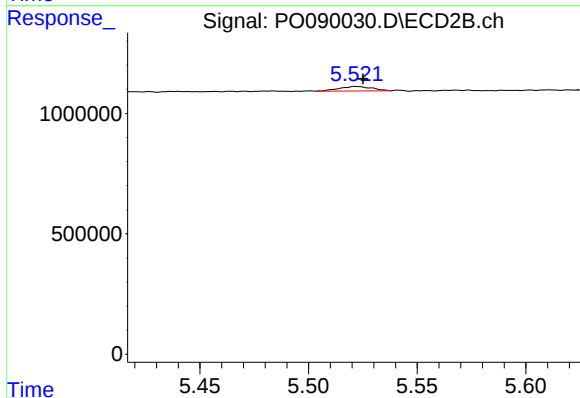
R.T.: 5.373 min  
Delta R.T.: -0.003 min  
Response: 179360  
Conc: 3.04 ng/ml



#27 AR-1254-2

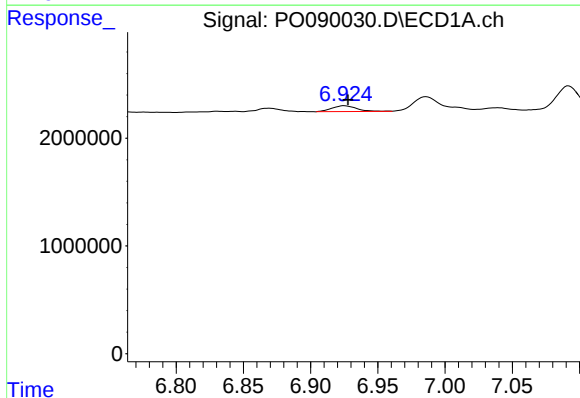
R.T.: 6.558 min  
Delta R.T.: -0.002 min  
Response: 666397  
Conc: 3.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



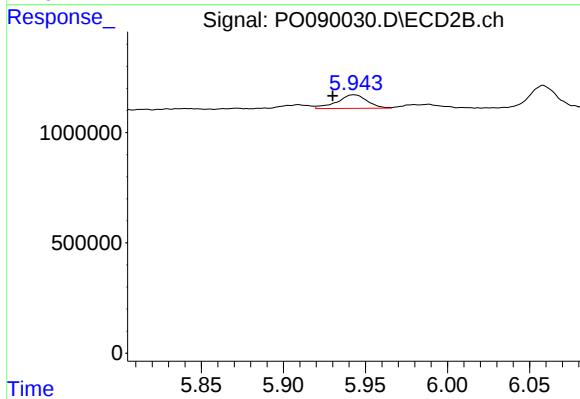
#27 AR-1254-2

R.T.: 5.522 min  
Delta R.T.: -0.003 min  
Response: 198625  
Conc: 3.71 ng/ml



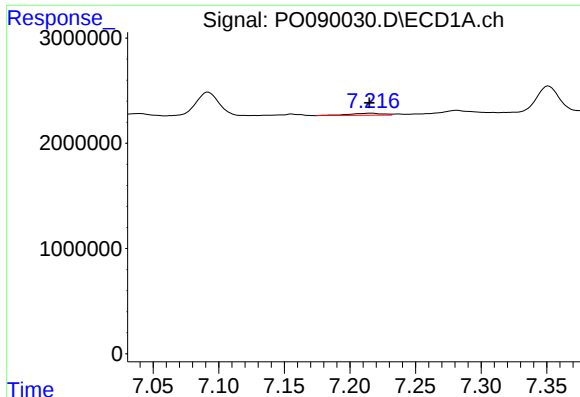
#28 AR-1254-3

R.T.: 6.925 min  
Delta R.T.: -0.003 min  
Response: 701172  
Conc: 4.04 ng/ml



#28 AR-1254-3

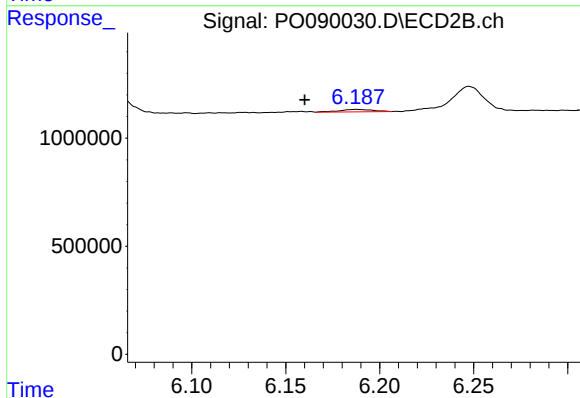
R.T.: 5.943 min  
Delta R.T.: 0.013 min  
Response: 796679  
Conc: 9.61 ng/ml



#29 AR-1254-4

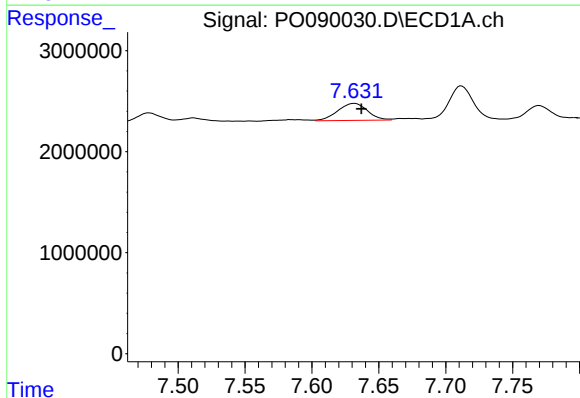
R.T.: 7.216 min  
Delta R.T.: 0.001 min  
Response: 334966  
Conc: 2.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



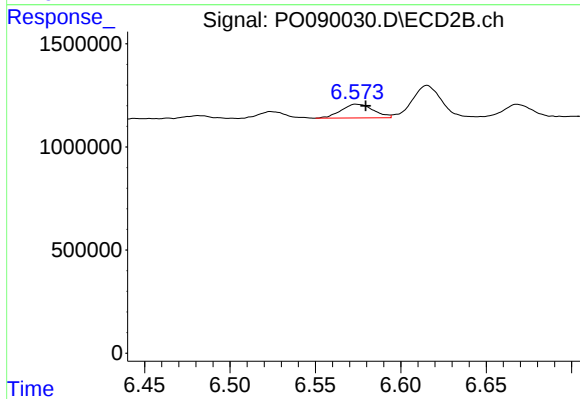
#29 AR-1254-4

R.T.: 6.188 min  
Delta R.T.: 0.028 min  
Response: 139545  
Conc: 2.81 ng/ml



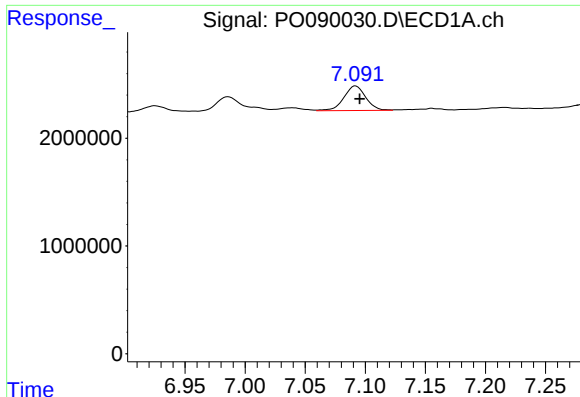
#30 AR-1254-5

R.T.: 7.632 min  
Delta R.T.: -0.005 min  
Response: 2606606  
Conc: 18.51 ng/ml



#30 AR-1254-5

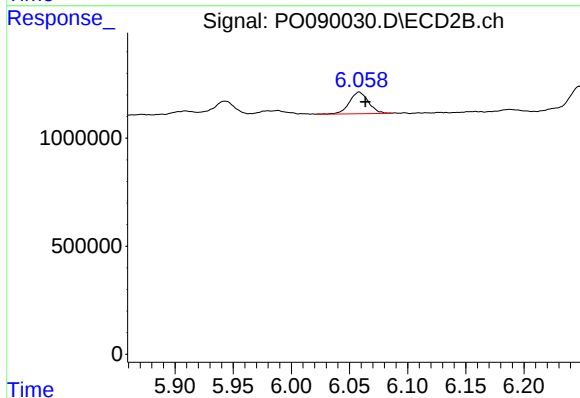
R.T.: 6.574 min  
Delta R.T.: -0.006 min  
Response: 868838  
Conc: 11.60 ng/ml



#31 AR-1260-1

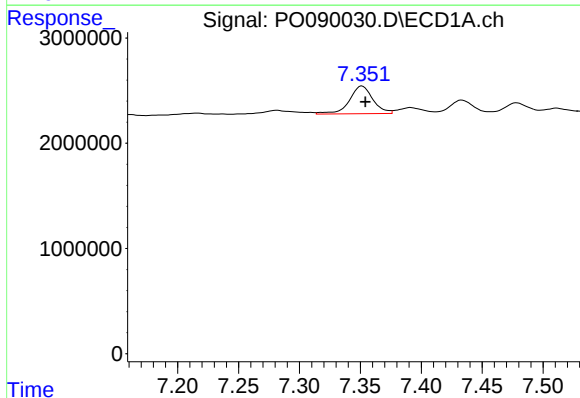
R.T.: 7.092 min  
Delta R.T.: -0.003 min  
Response: 2883400  
Conc: 20.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



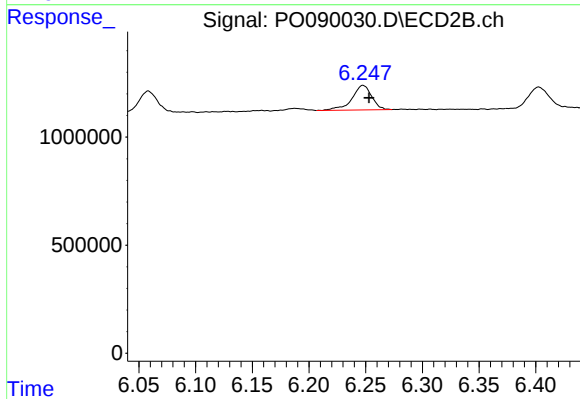
#31 AR-1260-1

R.T.: 6.058 min  
Delta R.T.: -0.005 min  
Response: 1146181  
Conc: 19.04 ng/ml



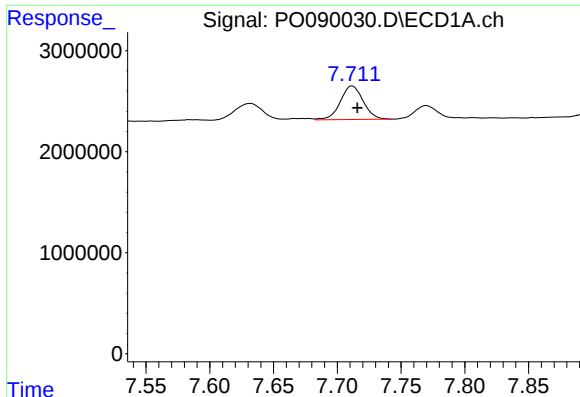
#32 AR-1260-2

R.T.: 7.351 min  
Delta R.T.: -0.003 min  
Response: 3554372  
Conc: 21.97 ng/ml



#32 AR-1260-2

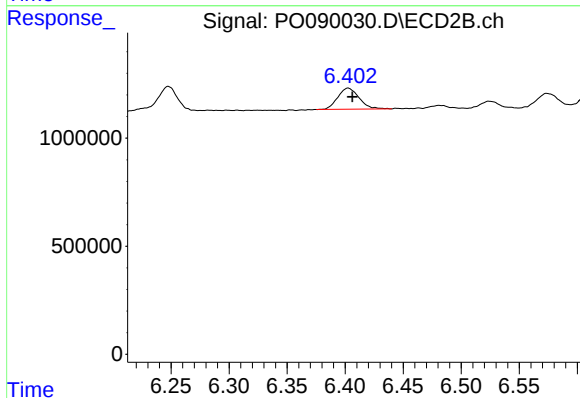
R.T.: 6.248 min  
Delta R.T.: -0.005 min  
Response: 1384766  
Conc: 19.17 ng/ml



#33 AR-1260-3

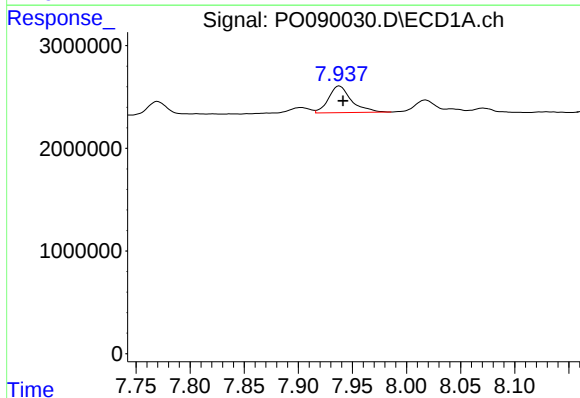
R.T.: 7.712 min  
Delta R.T.: -0.004 min  
Response: 4133021  
Conc: 39.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



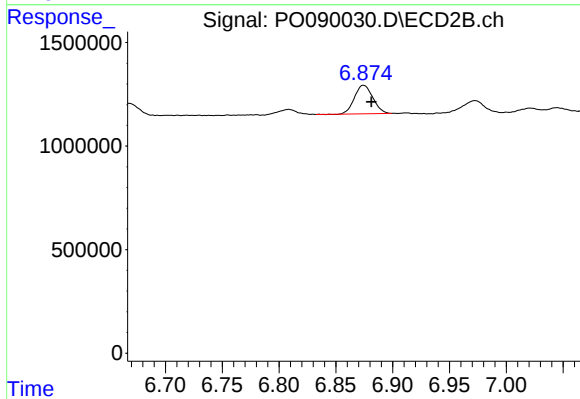
#33 AR-1260-3

R.T.: 6.403 min  
Delta R.T.: -0.004 min  
Response: 1250282  
Conc: 18.76 ng/ml



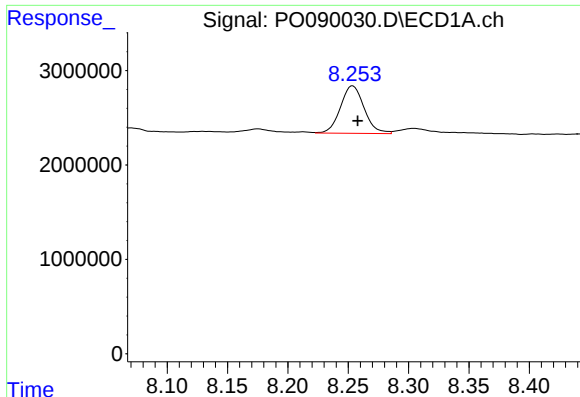
#34 AR-1260-4

R.T.: 7.938 min  
Delta R.T.: -0.003 min  
Response: 3819355  
Conc: 30.92 ng/ml



#34 AR-1260-4

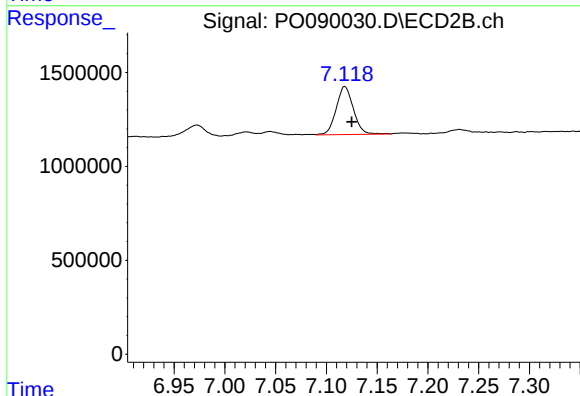
R.T.: 6.874 min  
Delta R.T.: -0.007 min  
Response: 1549510  
Conc: 30.46 ng/ml



#35 AR-1260-5

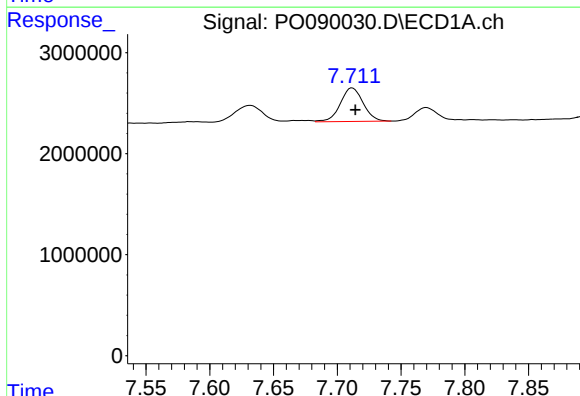
R.T.: 8.254 min  
Delta R.T.: -0.004 min  
Response: 6884128  
Conc: 30.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



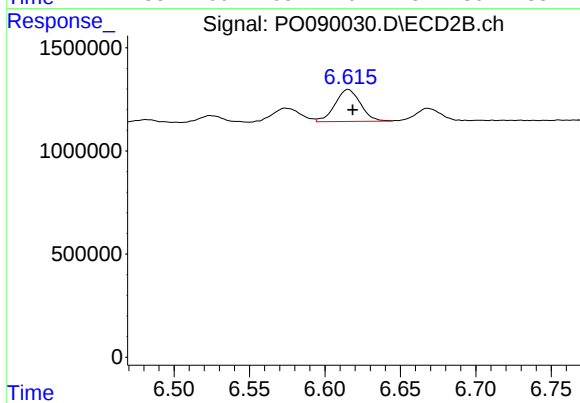
#35 AR-1260-5

R.T.: 7.118 min  
Delta R.T.: -0.007 min  
Response: 3004716  
Conc: 25.87 ng/ml



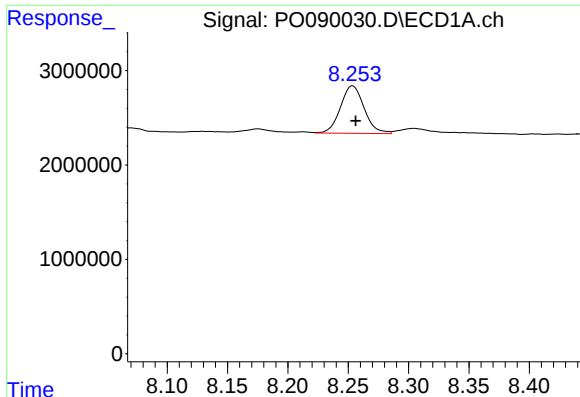
#36 AR-1262-1

R.T.: 7.712 min  
Delta R.T.: -0.002 min  
Response: 4133021  
Conc: 24.93 ng/ml



#36 AR-1262-1

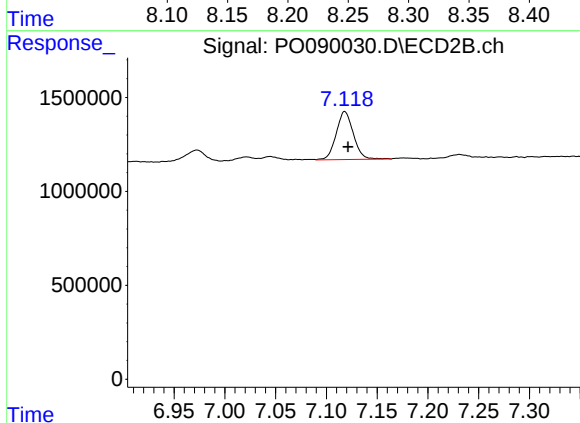
R.T.: 6.615 min  
Delta R.T.: -0.003 min  
Response: 1824113  
Conc: 24.07 ng/ml



#37 AR-1262-2

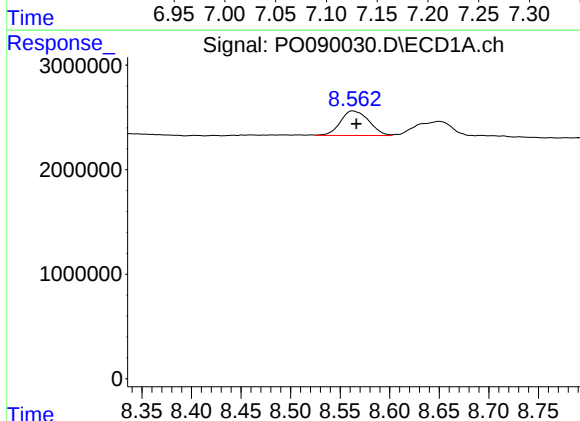
R.T.: 8.254 min  
Delta R.T.: -0.002 min  
Response: 6884128  
Conc: 24.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



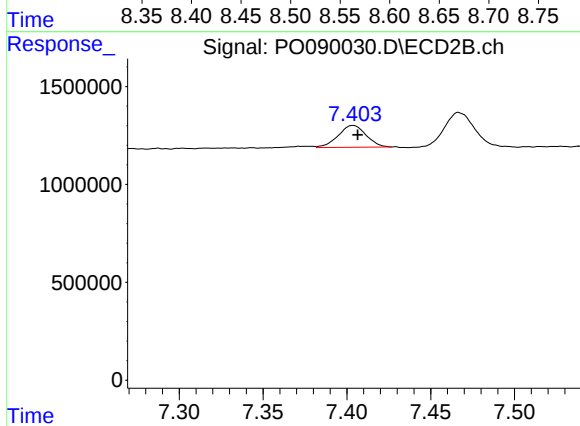
#37 AR-1262-2

R.T.: 7.118 min  
Delta R.T.: -0.003 min  
Response: 3004716  
Conc: 23.43 ng/ml



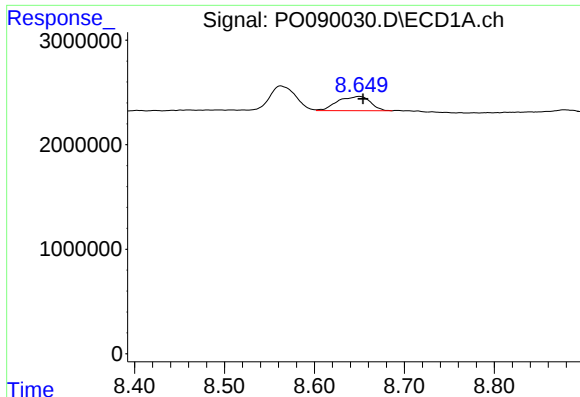
#38 AR-1262-3

R.T.: 8.563 min  
Delta R.T.: -0.004 min  
Response: 4681118  
Conc: 23.84 ng/ml



#38 AR-1262-3

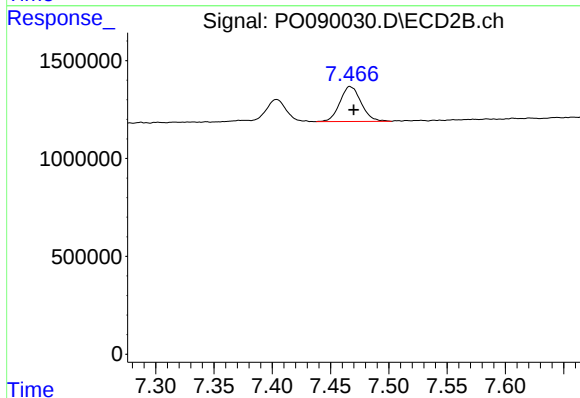
R.T.: 7.404 min  
Delta R.T.: -0.003 min  
Response: 1291309  
Conc: 23.71 ng/ml



#39 AR-1262-4

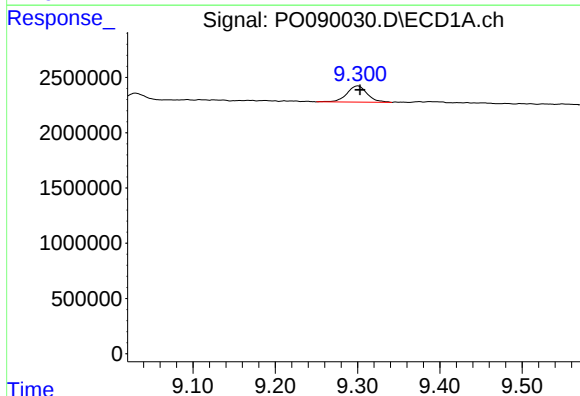
R.T.: 8.650 min  
Delta R.T.: -0.004 min  
Response: 3441381  
Conc: 35.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



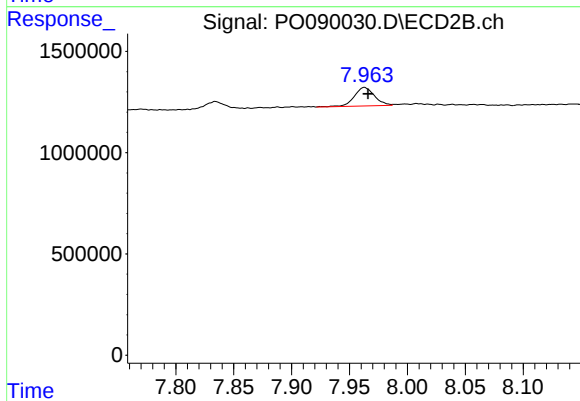
#39 AR-1262-4

R.T.: 7.467 min  
Delta R.T.: -0.003 min  
Response: 2261544  
Conc: 23.29 ng/ml



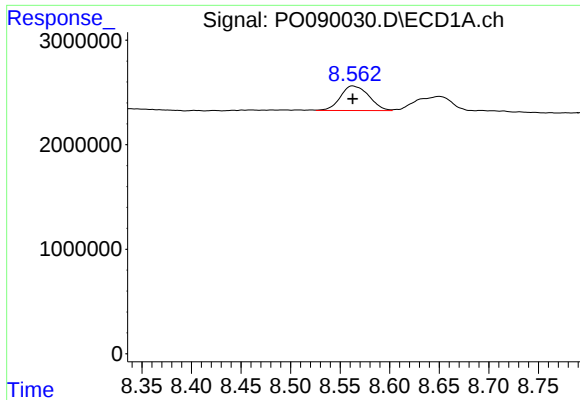
#40 AR-1262-5

R.T.: 9.300 min  
Delta R.T.: -0.003 min  
Response: 2535218  
Conc: 24.06 ng/ml



#40 AR-1262-5

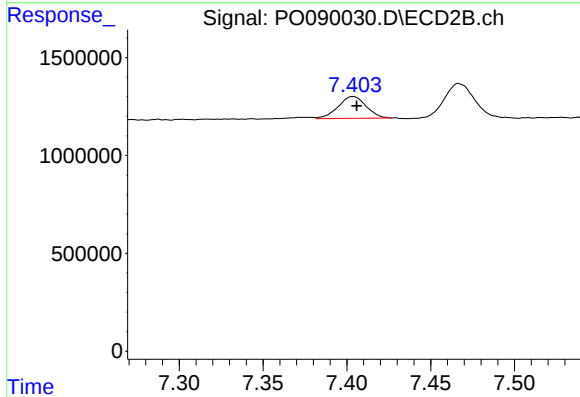
R.T.: 7.963 min  
Delta R.T.: -0.003 min  
Response: 1105272  
Conc: 23.29 ng/ml



#41 AR-1268-1

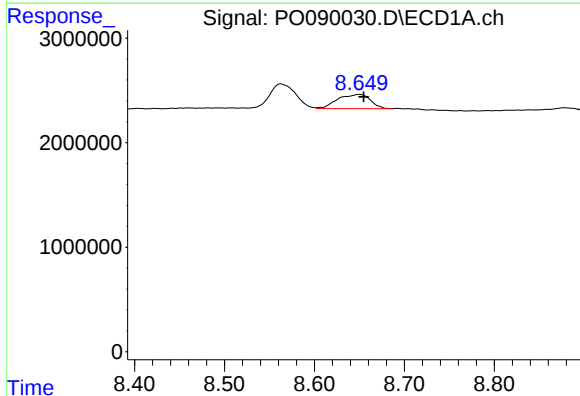
R.T.: 8.563 min  
Delta R.T.: 0.000 min  
Response: 4681118  
Conc: 13.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



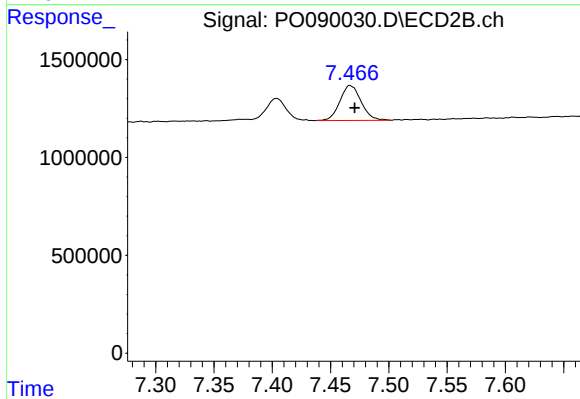
#41 AR-1268-1

R.T.: 7.404 min  
Delta R.T.: -0.002 min  
Response: 1291309  
Conc: 8.20 ng/ml



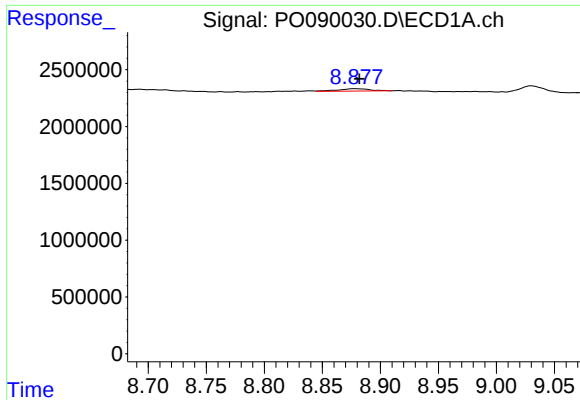
#42 AR-1268-2

R.T.: 8.650 min  
Delta R.T.: -0.005 min  
Response: 3441381  
Conc: 11.03 ng/ml



#42 AR-1268-2

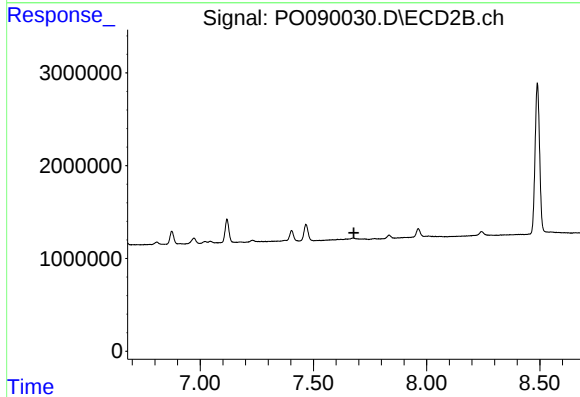
R.T.: 7.467 min  
Delta R.T.: -0.004 min  
Response: 2261544  
Conc: 16.12 ng/ml



#43 AR-1268-3

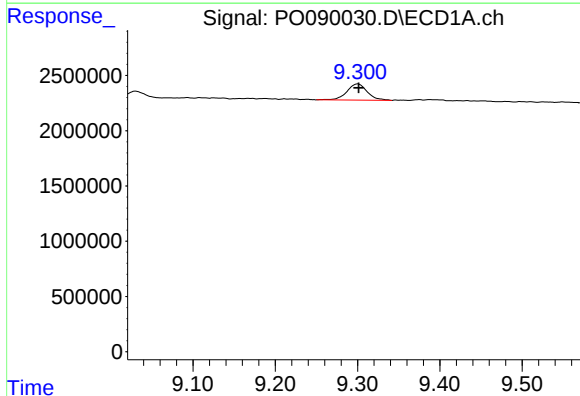
R.T.: 8.878 min  
Delta R.T.: -0.004 min  
Response: 395263  
Conc: 1.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



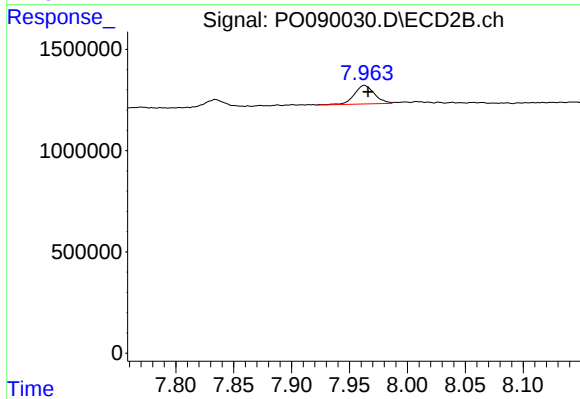
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.679 min  
Response: 0  
Conc: N.D.



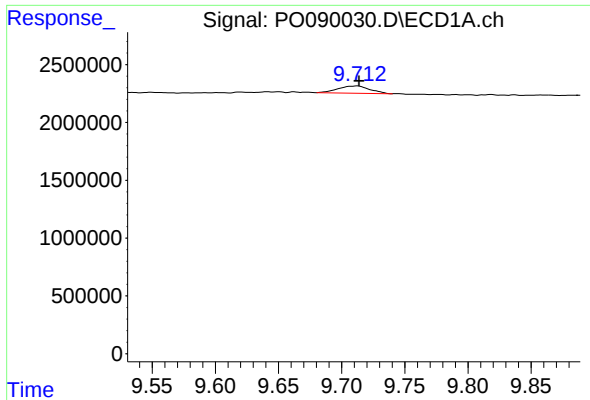
#44 AR-1268-4

R.T.: 9.300 min  
Delta R.T.: -0.001 min  
Response: 2535218  
Conc: 21.76 ng/ml



#44 AR-1268-4

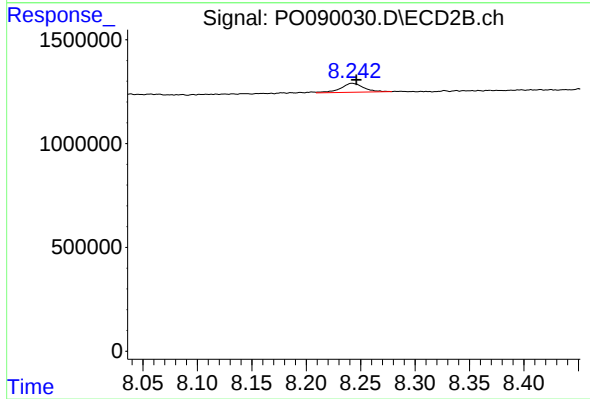
R.T.: 7.963 min  
Delta R.T.: -0.003 min  
Response: 1105272  
Conc: 20.35 ng/ml



#45 AR-1268-5

R.T.: 9.712 min  
Delta R.T.: -0.001 min  
Response: 1106896  
Conc: 1.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.242 min  
Delta R.T.: -0.004 min  
Response: 630291  
Conc: 1.80 ng/ml