

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0021723\  
 Data File : P0092631.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Feb 2023 15:17  
 Operator : YP/AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 AR1242CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 19 03:31:11 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0012323.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 24 04:40:59 2023  
 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... | 4.446  | 3.640  | 145.4E6  | 62922336 | 50.227   | 44.812   |
| 2)                          | SA Decachlor... | 10.377 | 8.676  | 110.3E6  | 49496346 | 53.426   | 43.845   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 3)                          | L1 AR-1016-1    | 5.635  | 4.727  | 38627293 | 16454570 | 422.353  | 358.014  |
| 4)                          | L1 AR-1016-2    | 5.656  | 4.745  | 56042932 | 23510993 | 418.513  | 358.521  |
| 5)                          | L1 AR-1016-3    | 5.720  | 4.921  | 36012489 | 13211046 | 418.485  | 373.670  |
| 6)                          | L1 AR-1016-4    | 5.819  | 4.964  | 28277913 | 11529452 | 424.174  | 370.638  |
| 7)                          | L1 AR-1016-5    | 6.122  | 5.178  | 30793916 | 15695463 | 428.584  | 394.695  |
| 8)                          | L2 AR-1221-1    | 4.653  | 3.853  | 4791924  | 2280897  | 126.754  | 120.487  |
| 9)                          | L2 AR-1221-2    | 4.746  | 3.940  | 6936018  | 3159668  | 250.629  | 224.824  |
| 10)                         | L2 AR-1221-3    | 4.822  | 4.015  | 23951821 | 11072030 | 283.844  | 264.405  |
| 11)                         | L3 AR-1232-1    | 4.822  | 4.015  | 23951821 | 11072030 | 346.150  | 314.772  |
| 12)                         | L3 AR-1232-2    | 5.361  | 4.745  | 32018701 | 23510993 | 916.422  | 766.954  |
| 13)                         | L3 AR-1232-3    | 5.656  | 4.921  | 56042932 | 13211046 | 915.401  | 820.582  |
| 14)                         | L3 AR-1232-4    | 5.819  | 5.006  | 28277913 | 14729831 | 943.519  | 901.821  |
| 15)                         | L3 AR-1232-5    | 5.914  | 5.178  | 25099712 | 15695463 | 1015.585 | 877.490  |
| 16)                         | L4 AR-1242-1    | 5.635  | 4.727  | 38627293 | 16454570 | 495.293  | 421.881  |
| 17)                         | L4 AR-1242-2    | 5.656  | 4.745  | 56042932 | 23510993 | 497.874  | 432.893  |
| 18)                         | L4 AR-1242-3    | 5.720  | 4.921  | 36012489 | 13211046 | 496.089  | 453.611  |
| 19)                         | L4 AR-1242-4    | 5.819  | 5.006  | 28277913 | 14729831 | 510.667  | 457.932  |
| 20)                         | L4 AR-1242-5    | 6.573  | 5.530  | 27860813 | 16676937 | 499.101  | 460.666  |
| 21)                         | L5 AR-1248-1    | 5.635  | 4.727  | 38627293 | 16454570 | 665.478  | 564.819  |
| 22)                         | L5 AR-1248-2    | 5.914  | 4.964  | 25099712 | 11529452 | 274.663  | 255.544  |
| 23)                         | L5 AR-1248-3    | 6.122  | 5.006  | 30793916 | 14729831 | 313.987  | 315.822  |
| 24)                         | L5 AR-1248-4    | 6.534  | 5.178  | 27435690 | 15695463 | 280.217  | 292.118  |
| 25)                         | L5 AR-1248-5    | 6.573  | 5.571  | 27860813 | 13675639 | 295.512  | 288.869  |
| 26)                         | L6 AR-1254-1    | 6.506  | 5.530  | 18912949 | 16676937 | 170.825  | 212.744  |
| 27)                         | L6 AR-1254-2    | 6.733  | 5.679  | 24219917 | 5080263  | 148.996  | 73.424 # |
| 28)                         | L6 AR-1254-3    | 7.105  | 6.084  | 9951573  | 5401031  | 60.338   | 50.602   |
| 29)                         | L6 AR-1254-4    | 7.398  | 6.314  | 7543478  | 3919829  | 68.962   | 66.557   |
| 30)                         | L6 AR-1254-5    | 7.827  | 6.733  | 1596028  | 1383729  | 11.344   | 15.203 # |
| 31)                         | L7 AR-1260-1    | 7.276  | 6.229  | 1831131  | 2048200  | 13.898   | 27.114 # |
| 32)                         | L7 AR-1260-2    | 7.538  | 6.404  | 2610888  | 758660   | 17.607   | 8.659 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.557  | 0        | 795303   | N.D.     | 9.174 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.070  | 0        | 375555   | N.D.     | 5.608 #  |
| 36)                         | L8 AR-1262-1    | 7.827  | 6.733  | 1596028  | 1383729  | 14.771   | 29.815 # |
| 39)                         | L8 AR-1262-4    | 8.876  | 7.688f | 2177073  | 1037182  | 21.399   | 9.467 #  |
| 42)                         | L9 AR-1268-2    | 8.876  | 7.688f | 2177073  | 1037182  | 7.213    | 6.267    |
| -----                       |                 |        |        |          |          |          |          |

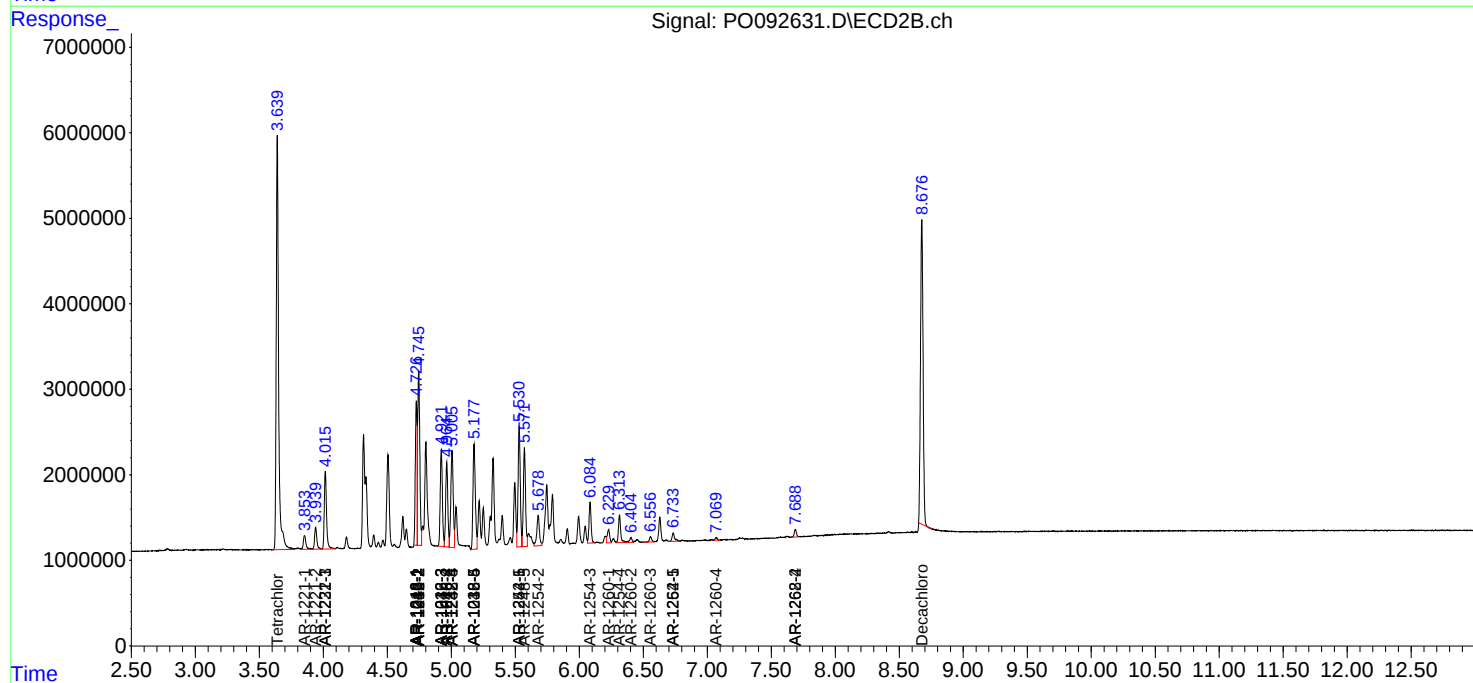
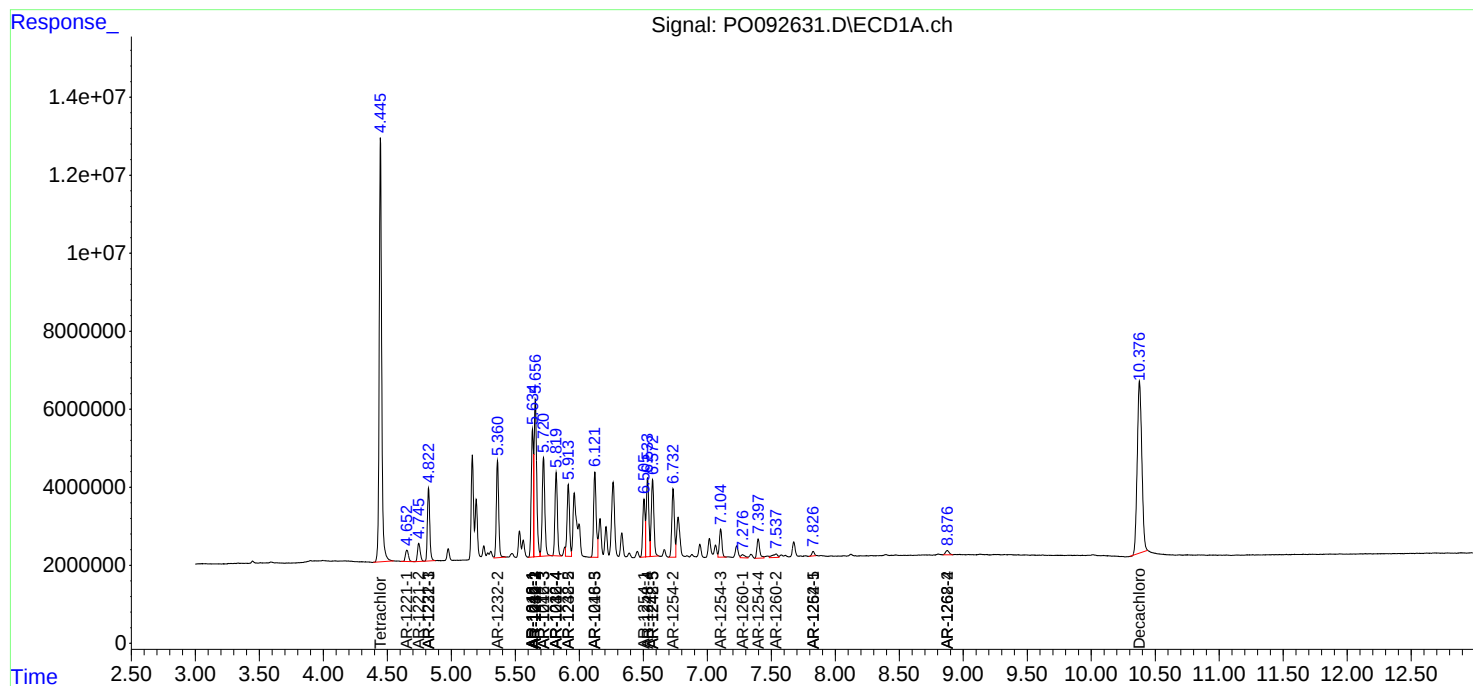
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

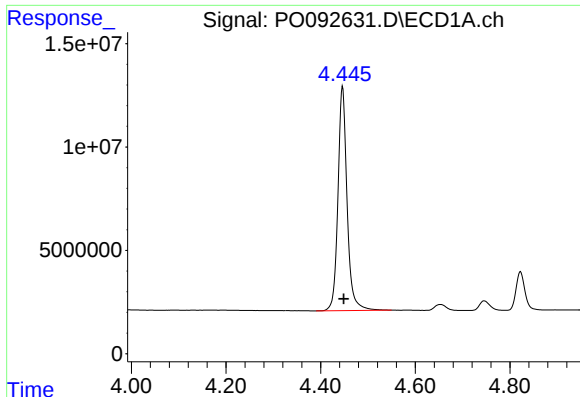
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0021723\  
Data File : P0092631.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Feb 2023 15:17  
Operator : YP/AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 19 03:31:11 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012323.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 24 04:40:59 2023  
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

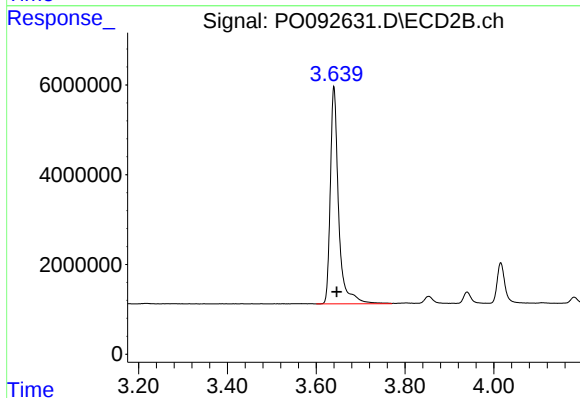




#1 Tetrachloro-m-xylene

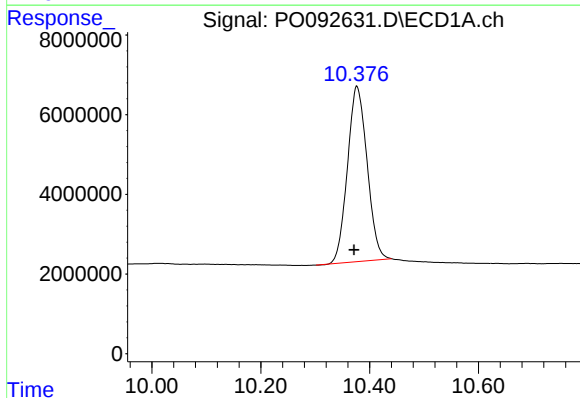
R.T.: 4.446 min  
Delta R.T.: -0.003 min  
Response: 145400585  
Conc: 50.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



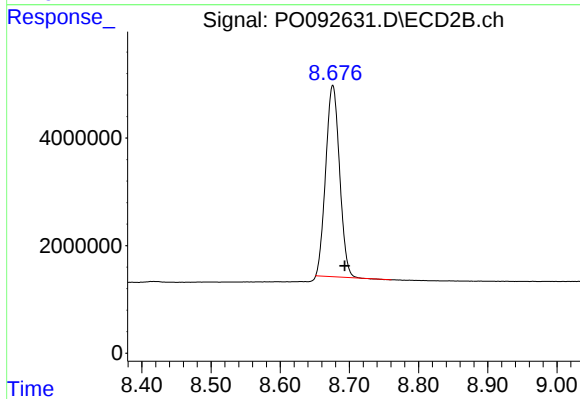
#1 Tetrachloro-m-xylene

R.T.: 3.640 min  
Delta R.T.: -0.006 min  
Response: 62922336  
Conc: 44.81 ng/ml



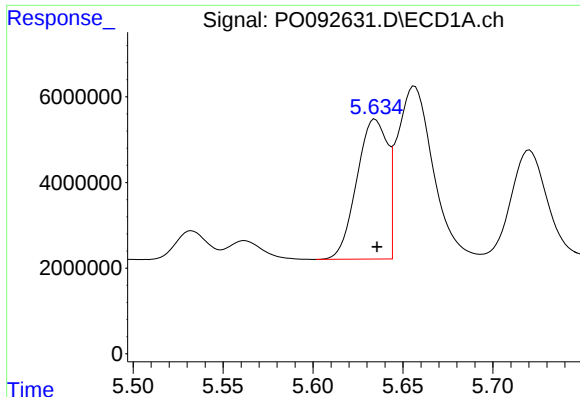
#2 Decachlorobiphenyl

R.T.: 10.377 min  
Delta R.T.: 0.005 min  
Response: 110267924  
Conc: 53.43 ng/ml



#2 Decachlorobiphenyl

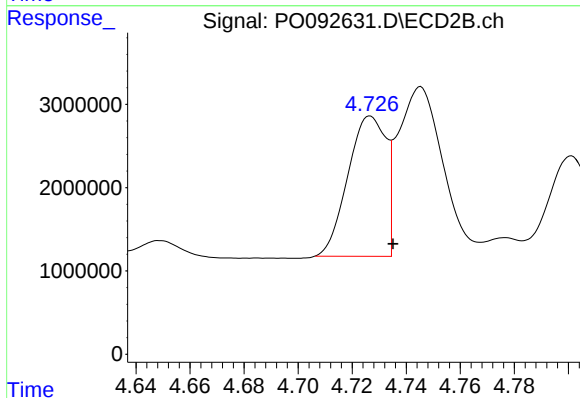
R.T.: 8.676 min  
Delta R.T.: -0.017 min  
Response: 49496346  
Conc: 43.84 ng/ml



#3 AR-1016-1

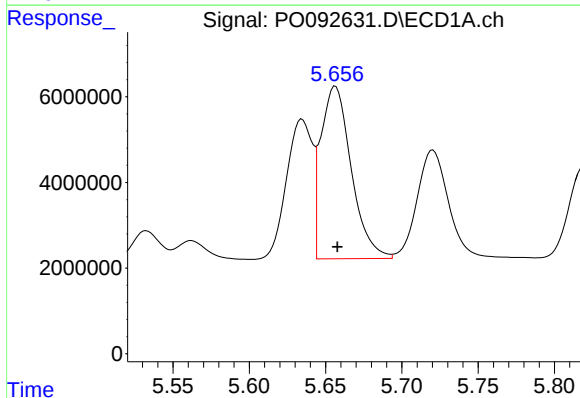
R.T.: 5.635 min  
Delta R.T.: 0.000 min  
Response: 38627293  
Conc: 422.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



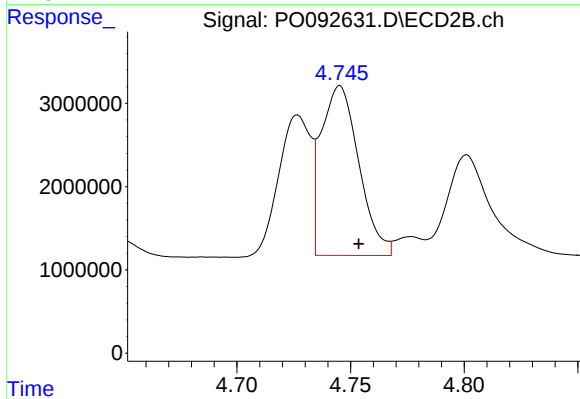
#3 AR-1016-1

R.T.: 4.727 min  
Delta R.T.: -0.008 min  
Response: 16454570  
Conc: 358.01 ng/ml



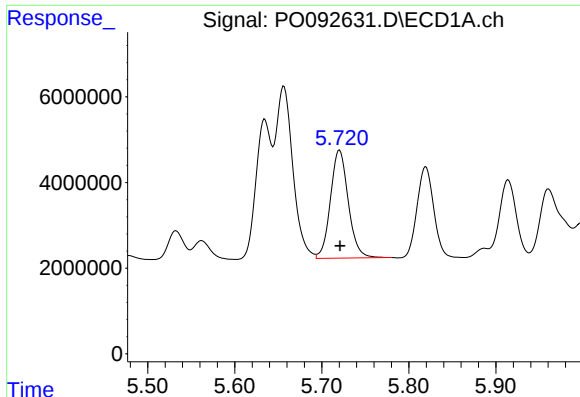
#4 AR-1016-2

R.T.: 5.656 min  
Delta R.T.: -0.001 min  
Response: 56042932  
Conc: 418.51 ng/ml



#4 AR-1016-2

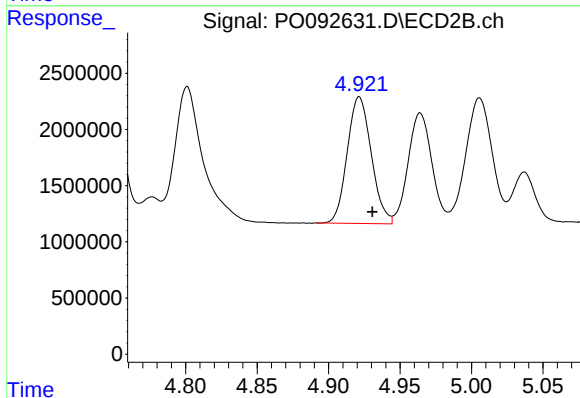
R.T.: 4.745 min  
Delta R.T.: -0.008 min  
Response: 23510993  
Conc: 358.52 ng/ml



#5 AR-1016-3

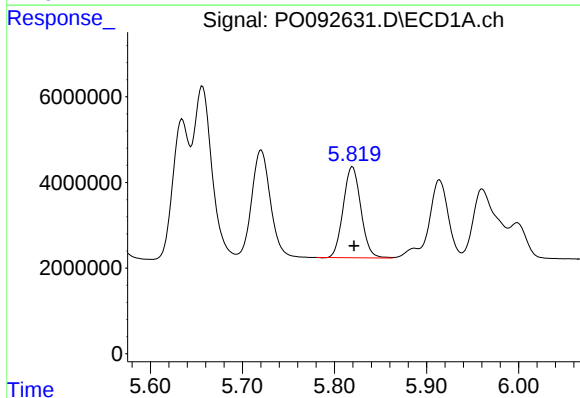
R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 36012489  
Conc: 418.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



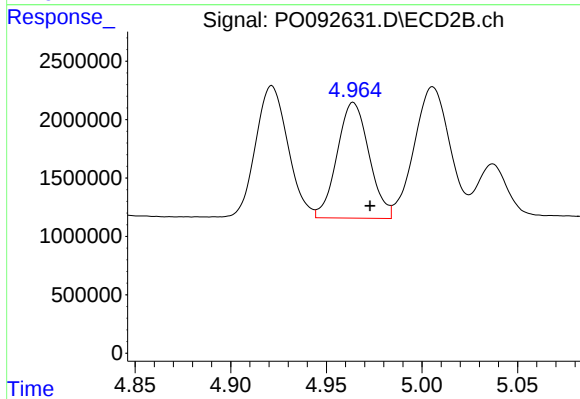
#5 AR-1016-3

R.T.: 4.921 min  
Delta R.T.: -0.009 min  
Response: 13211046  
Conc: 373.67 ng/ml



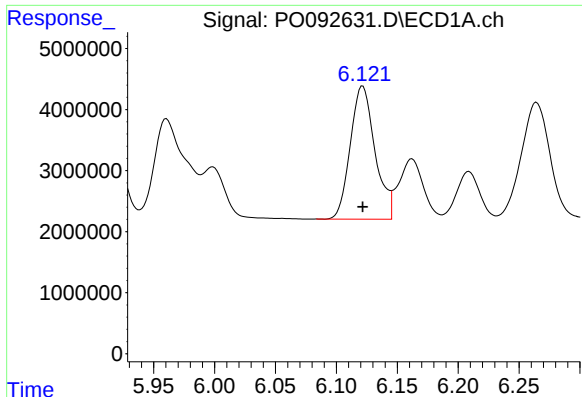
#6 AR-1016-4

R.T.: 5.819 min  
Delta R.T.: -0.002 min  
Response: 28277913  
Conc: 424.17 ng/ml



#6 AR-1016-4

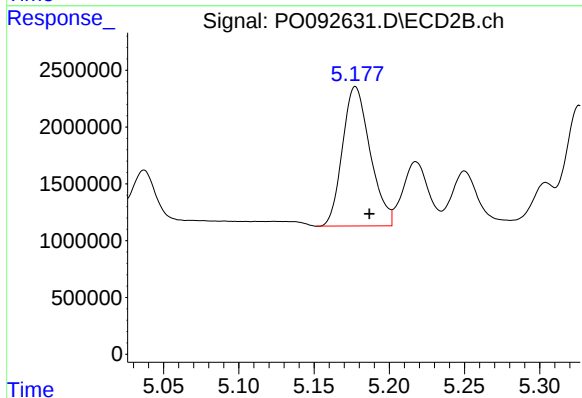
R.T.: 4.964 min  
Delta R.T.: -0.009 min  
Response: 11529452  
Conc: 370.64 ng/ml



#7 AR-1016-5

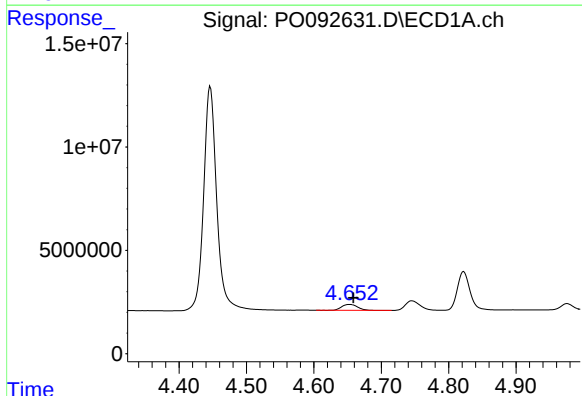
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 30793916  
Conc: 428.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



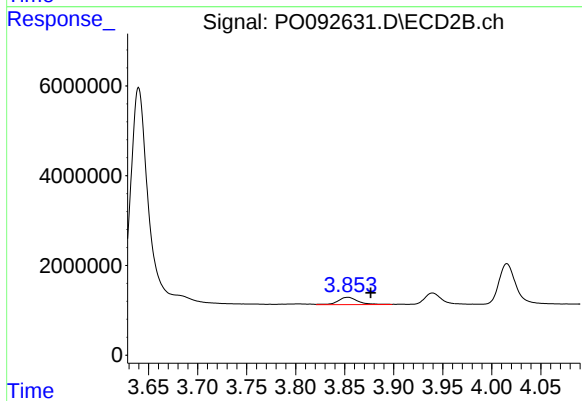
#7 AR-1016-5

R.T.: 5.178 min  
Delta R.T.: -0.009 min  
Response: 15695463  
Conc: 394.69 ng/ml



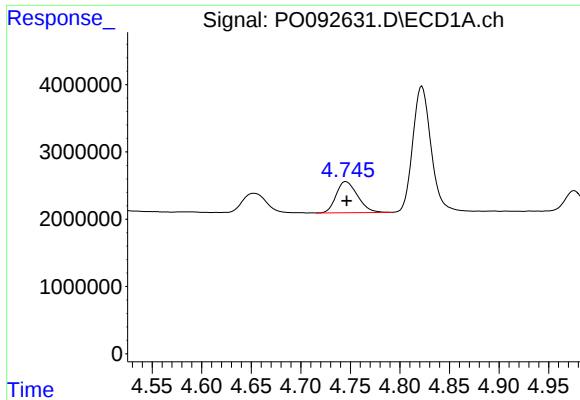
#8 AR-1221-1

R.T.: 4.653 min  
Delta R.T.: -0.006 min  
Response: 4791924  
Conc: 126.75 ng/ml



#8 AR-1221-1

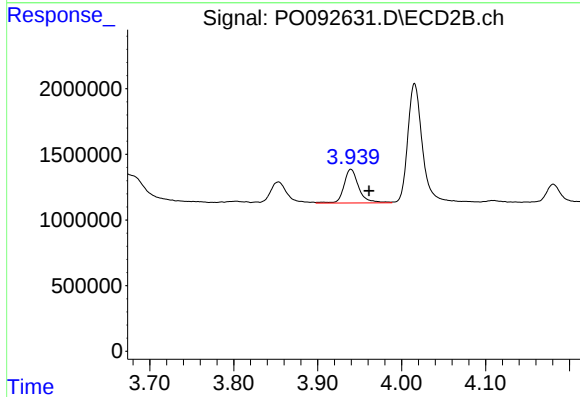
R.T.: 3.853 min  
Delta R.T.: -0.023 min  
Response: 2280897  
Conc: 120.49 ng/ml



#9 AR-1221-2

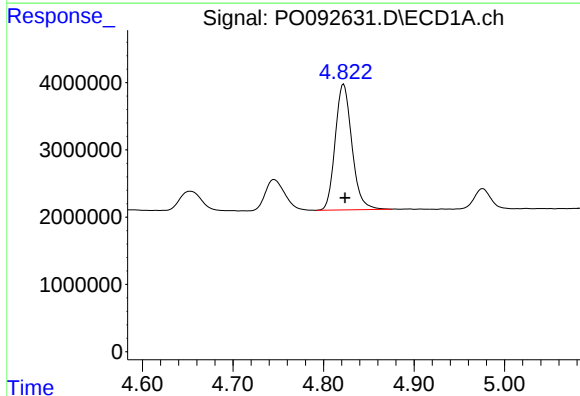
R.T.: 4.746 min  
Delta R.T.: 0.000 min  
Response: 6936018  
Conc: 250.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



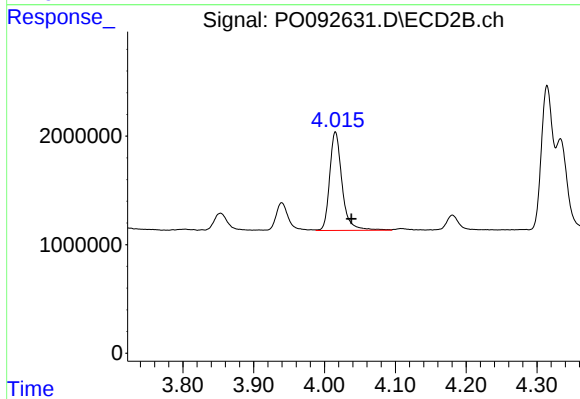
#9 AR-1221-2

R.T.: 3.940 min  
Delta R.T.: -0.022 min  
Response: 3159668  
Conc: 224.82 ng/ml



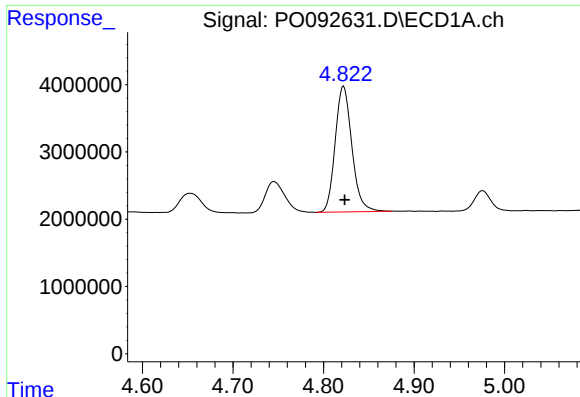
#10 AR-1221-3

R.T.: 4.822 min  
Delta R.T.: -0.002 min  
Response: 23951821  
Conc: 283.84 ng/ml



#10 AR-1221-3

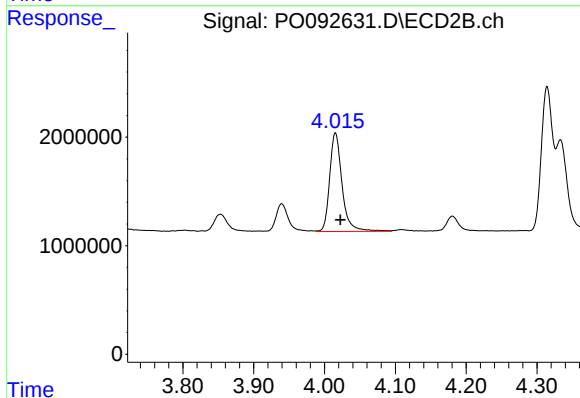
R.T.: 4.015 min  
Delta R.T.: -0.023 min  
Response: 11072030  
Conc: 264.41 ng/ml



#11 AR-1232-1

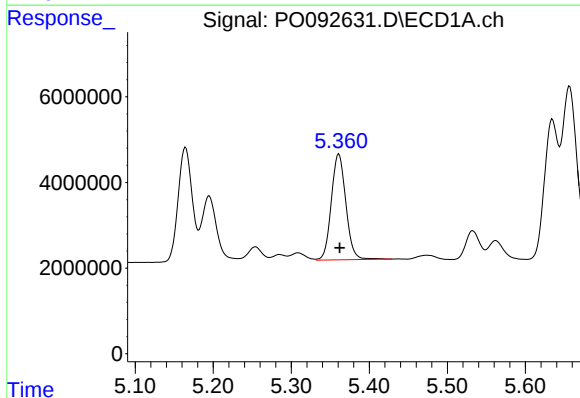
R.T.: 4.822 min  
Delta R.T.: -0.001 min  
Response: 23951821  
Conc: 346.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



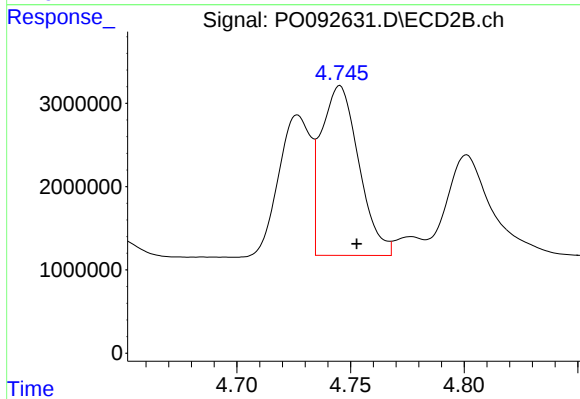
#11 AR-1232-1

R.T.: 4.015 min  
Delta R.T.: -0.007 min  
Response: 11072030  
Conc: 314.77 ng/ml



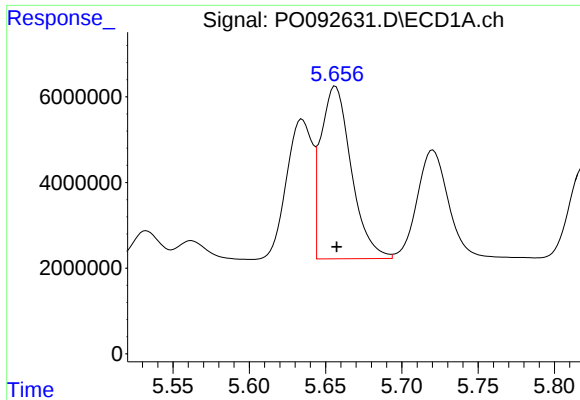
#12 AR-1232-2

R.T.: 5.361 min  
Delta R.T.: -0.001 min  
Response: 32018701  
Conc: 916.42 ng/ml



#12 AR-1232-2

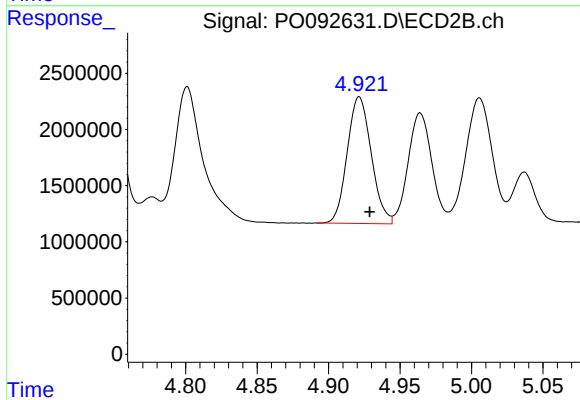
R.T.: 4.745 min  
Delta R.T.: -0.007 min  
Response: 23510993  
Conc: 766.95 ng/ml



#13 AR-1232-3

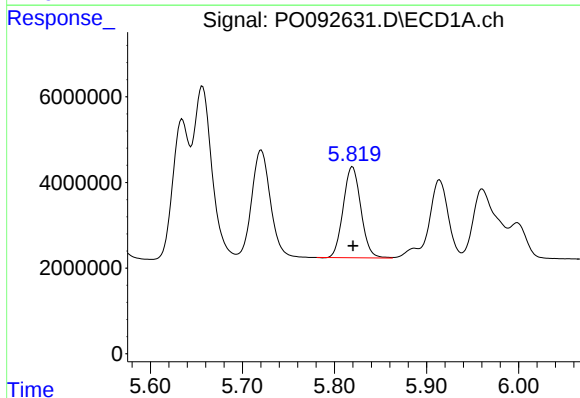
R.T.: 5.656 min  
Delta R.T.: 0.000 min  
Response: 56042932  
Conc: 915.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



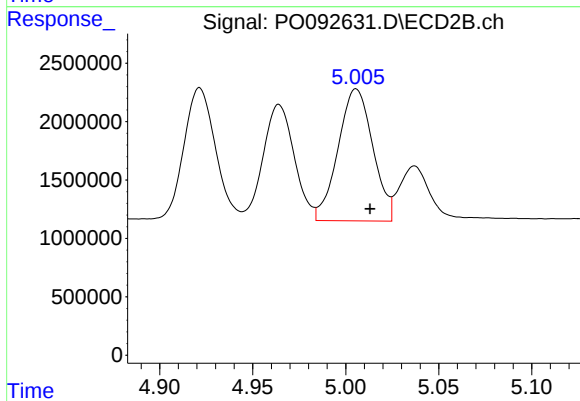
#13 AR-1232-3

R.T.: 4.921 min  
Delta R.T.: -0.007 min  
Response: 13211046  
Conc: 820.58 ng/ml



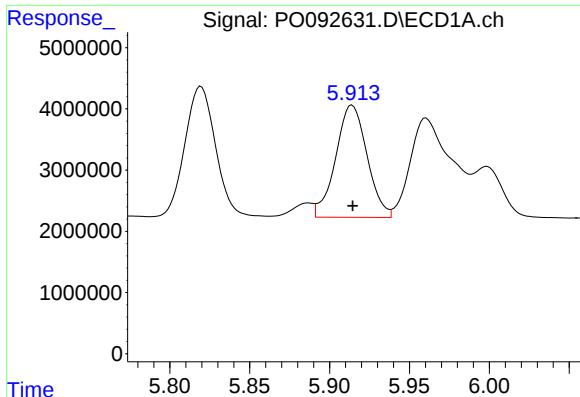
#14 AR-1232-4

R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 28277913  
Conc: 943.52 ng/ml



#14 AR-1232-4

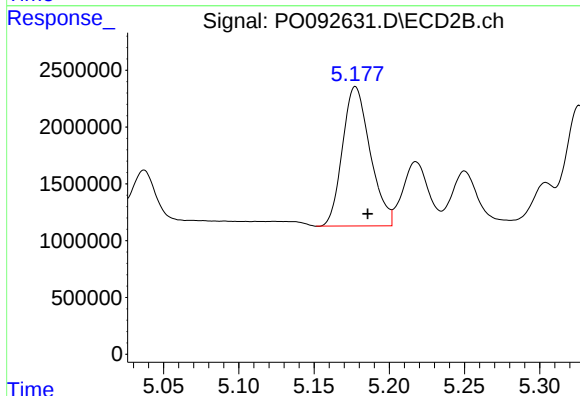
R.T.: 5.006 min  
Delta R.T.: -0.008 min  
Response: 14729831  
Conc: 901.82 ng/ml



#15 AR-1232-5

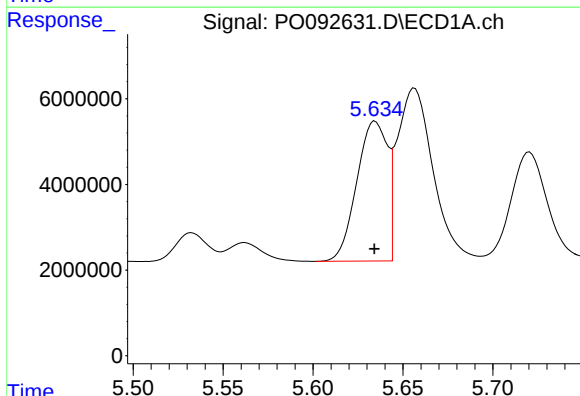
R.T.: 5.914 min  
Delta R.T.: 0.000 min  
Response: 25099712  
Conc: 1015.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



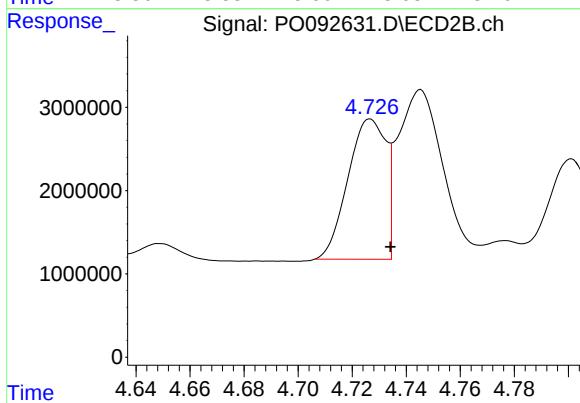
#15 AR-1232-5

R.T.: 5.178 min  
Delta R.T.: -0.008 min  
Response: 15695463  
Conc: 877.49 ng/ml



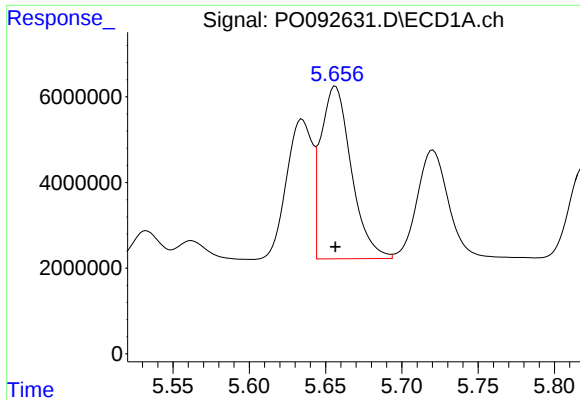
#16 AR-1242-1

R.T.: 5.635 min  
Delta R.T.: 0.000 min  
Response: 38627293  
Conc: 495.29 ng/ml



#16 AR-1242-1

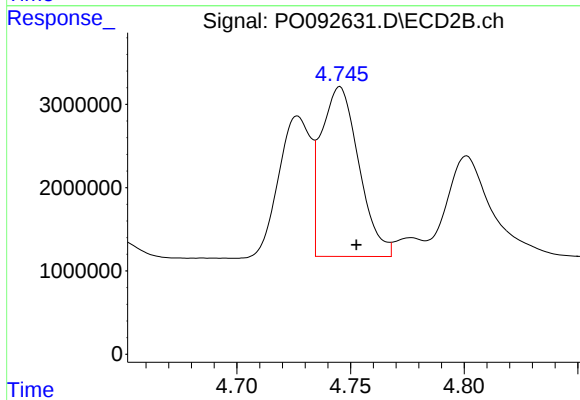
R.T.: 4.727 min  
Delta R.T.: -0.007 min  
Response: 16454570  
Conc: 421.88 ng/ml



#17 AR-1242-2

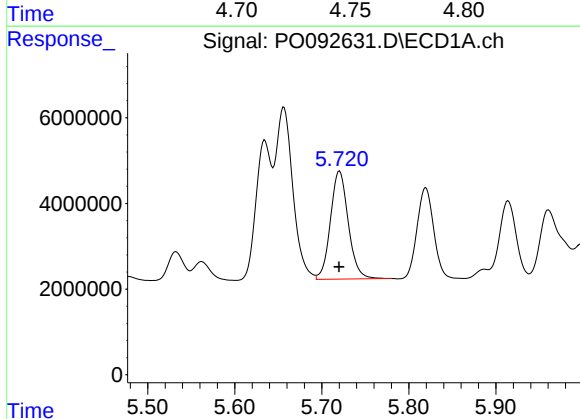
R.T.: 5.656 min  
Delta R.T.: 0.000 min  
Response: 56042932  
Conc: 497.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



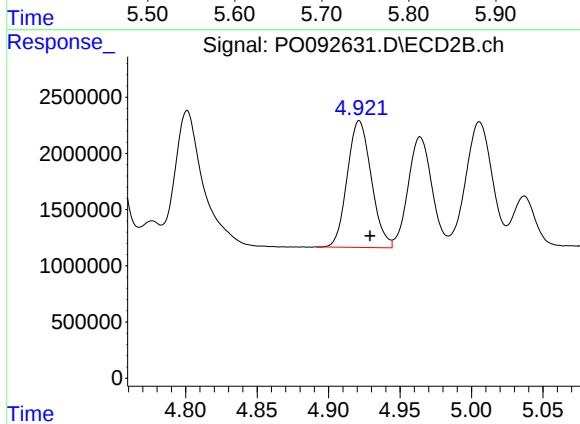
#17 AR-1242-2

R.T.: 4.745 min  
Delta R.T.: -0.007 min  
Response: 23510993  
Conc: 432.89 ng/ml



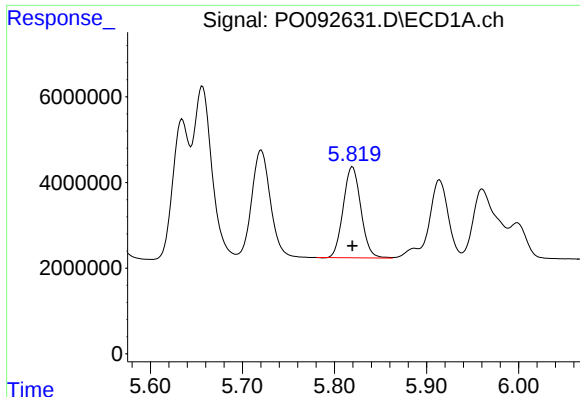
#18 AR-1242-3

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 36012489  
Conc: 496.09 ng/ml



#18 AR-1242-3

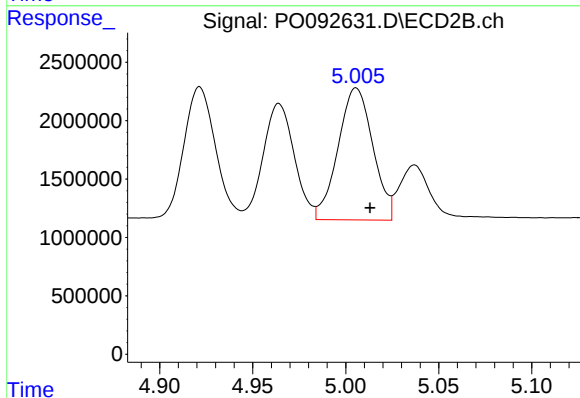
R.T.: 4.921 min  
Delta R.T.: -0.007 min  
Response: 13211046  
Conc: 453.61 ng/ml



#19 AR-1242-4

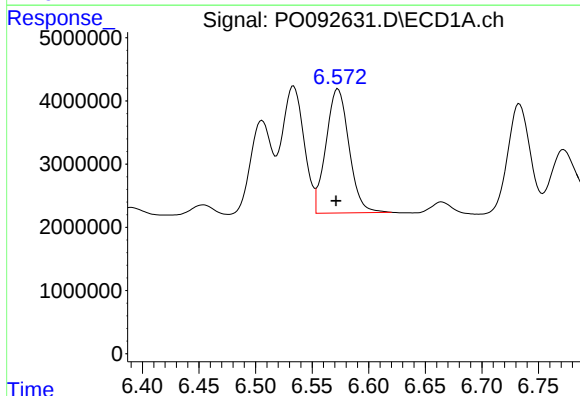
R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 28277913  
Conc: 510.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



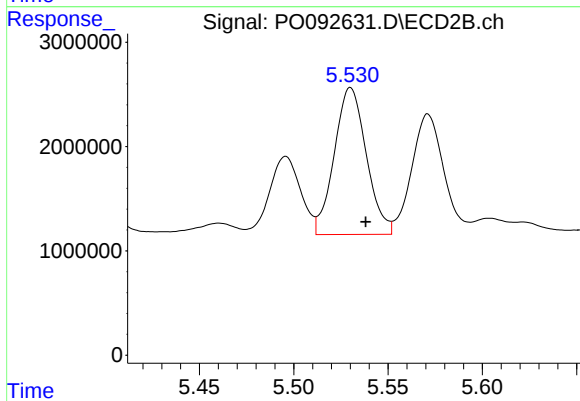
#19 AR-1242-4

R.T.: 5.006 min  
Delta R.T.: -0.007 min  
Response: 14729831  
Conc: 457.93 ng/ml



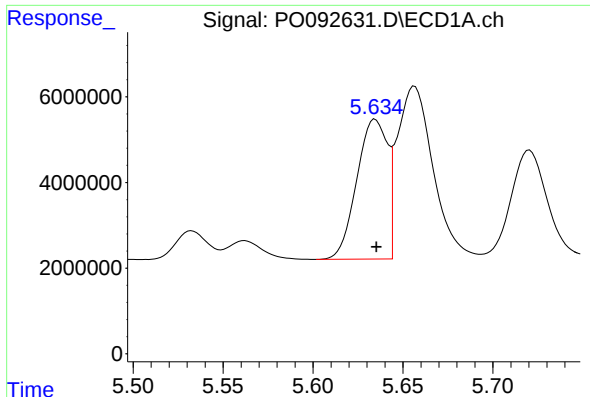
#20 AR-1242-5

R.T.: 6.573 min  
Delta R.T.: 0.002 min  
Response: 27860813  
Conc: 499.10 ng/ml



#20 AR-1242-5

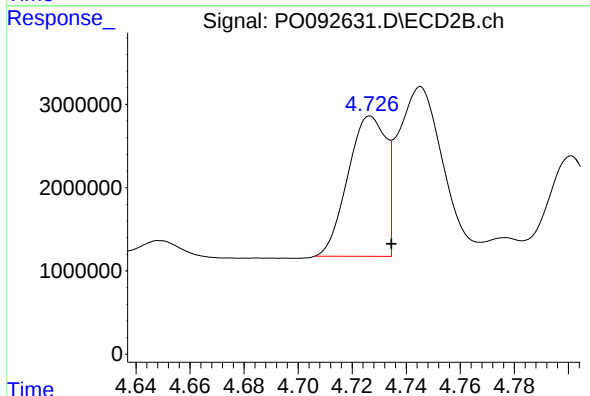
R.T.: 5.530 min  
Delta R.T.: -0.008 min  
Response: 16676937  
Conc: 460.67 ng/ml



#21 AR-1248-1

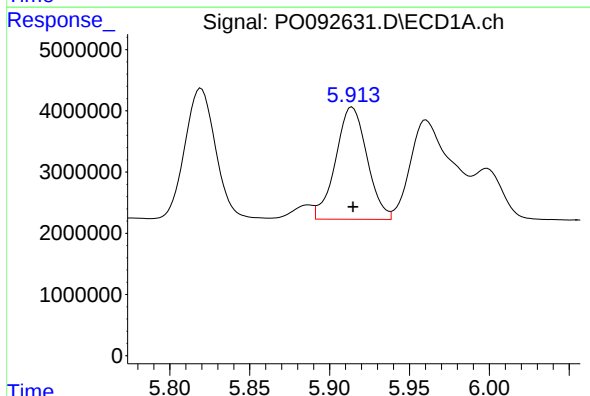
R.T.: 5.635 min  
Delta R.T.: 0.000 min  
Response: 38627293  
Conc: 665.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



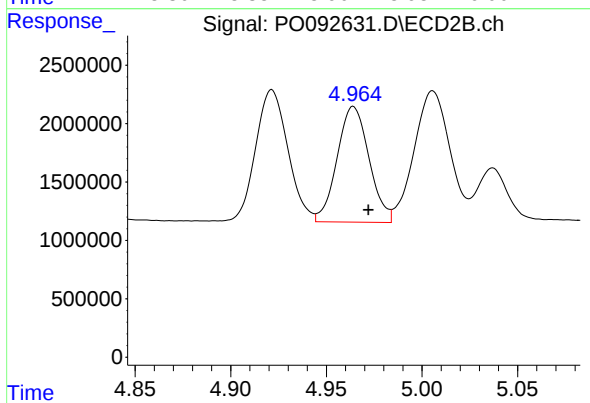
#21 AR-1248-1

R.T.: 4.727 min  
Delta R.T.: -0.008 min  
Response: 16454570  
Conc: 564.82 ng/ml



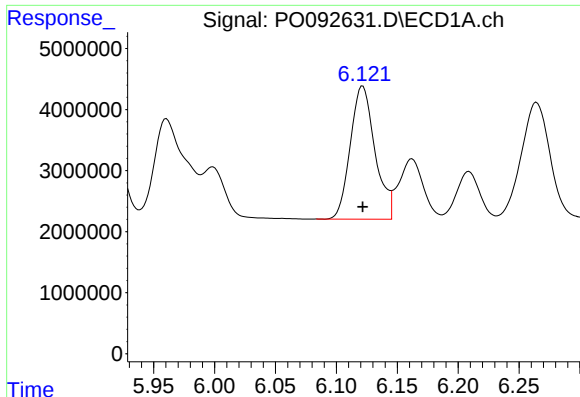
#22 AR-1248-2

R.T.: 5.914 min  
Delta R.T.: 0.000 min  
Response: 25099712  
Conc: 274.66 ng/ml



#22 AR-1248-2

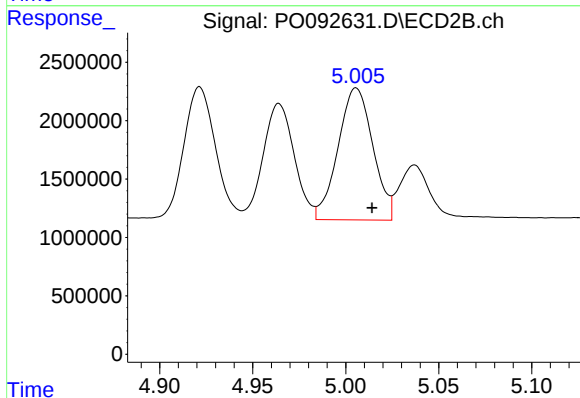
R.T.: 4.964 min  
Delta R.T.: -0.008 min  
Response: 11529452  
Conc: 255.54 ng/ml



#23 AR-1248-3

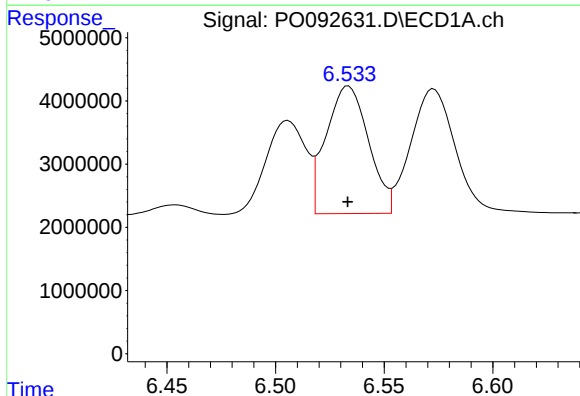
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 30793916  
Conc: 313.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



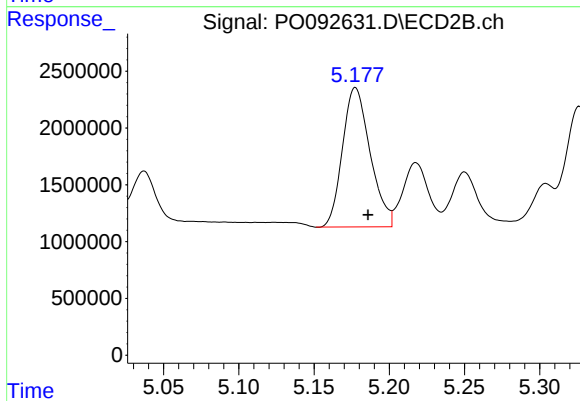
#23 AR-1248-3

R.T.: 5.006 min  
Delta R.T.: -0.008 min  
Response: 14729831  
Conc: 315.82 ng/ml



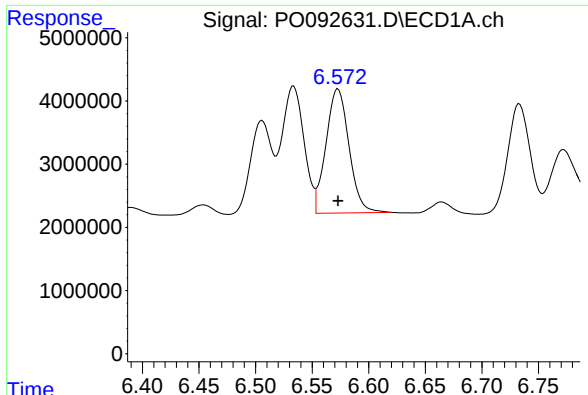
#24 AR-1248-4

R.T.: 6.534 min  
Delta R.T.: 0.000 min  
Response: 27435690  
Conc: 280.22 ng/ml



#24 AR-1248-4

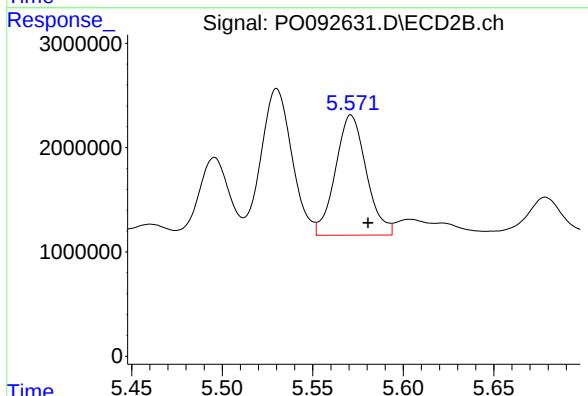
R.T.: 5.178 min  
Delta R.T.: -0.008 min  
Response: 15695463  
Conc: 292.12 ng/ml



#25 AR-1248-5

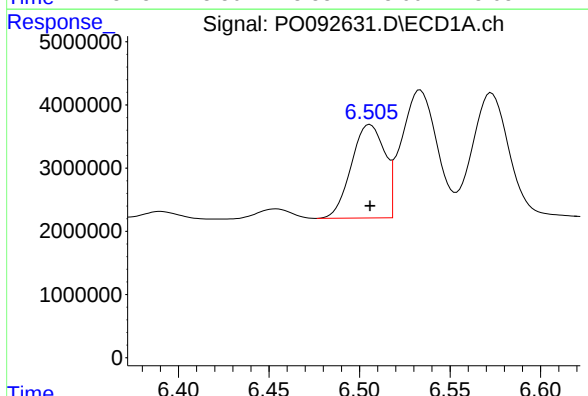
R.T.: 6.573 min  
Delta R.T.: 0.000 min  
Response: 27860813  
Conc: 295.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



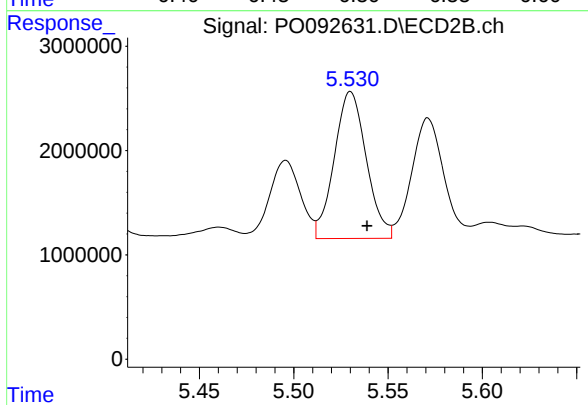
#25 AR-1248-5

R.T.: 5.571 min  
Delta R.T.: -0.009 min  
Response: 13675639  
Conc: 288.87 ng/ml



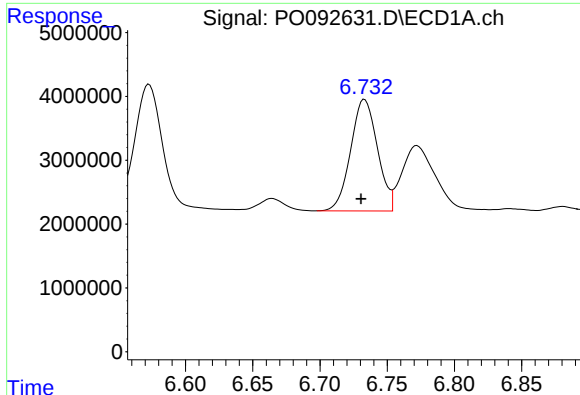
#26 AR-1254-1

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 18912949  
Conc: 170.82 ng/ml



#26 AR-1254-1

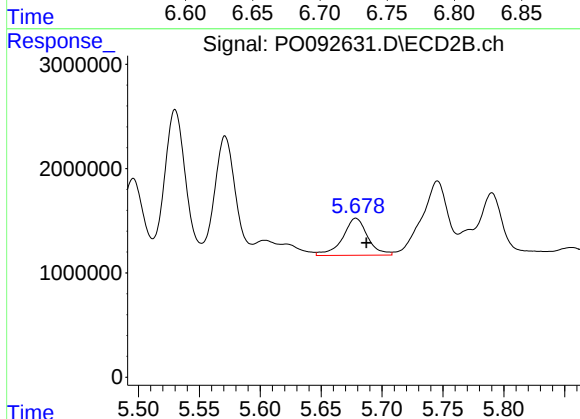
R.T.: 5.530 min  
Delta R.T.: -0.009 min  
Response: 16676937  
Conc: 212.74 ng/ml



#27 AR-1254-2

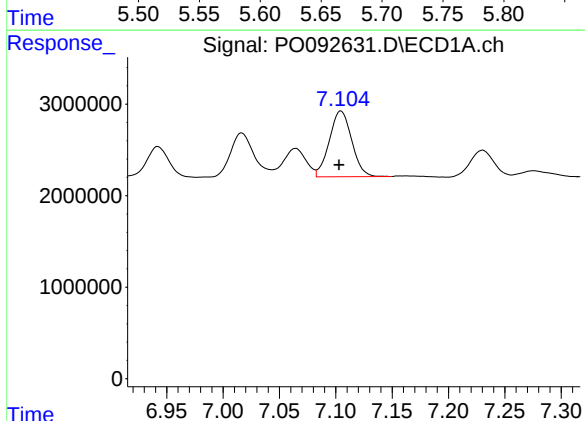
R.T.: 6.733 min  
Delta R.T.: 0.003 min  
Response: 24219917  
Conc: 149.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



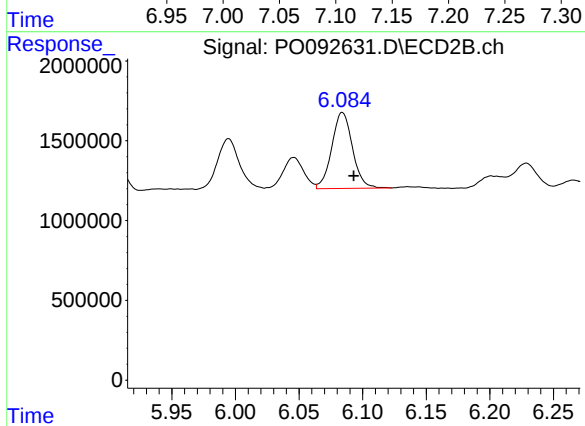
#27 AR-1254-2

R.T.: 5.679 min  
Delta R.T.: -0.009 min  
Response: 5080263  
Conc: 73.42 ng/ml



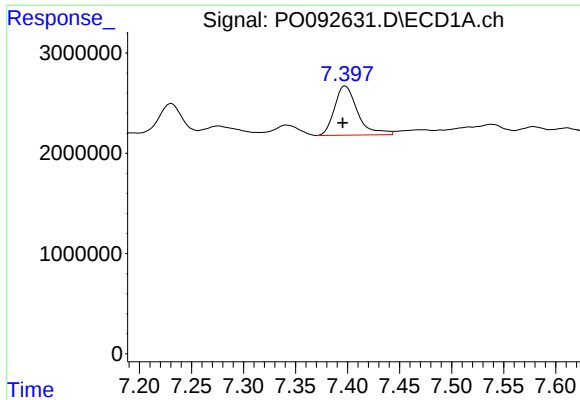
#28 AR-1254-3

R.T.: 7.105 min  
Delta R.T.: 0.002 min  
Response: 9951573  
Conc: 60.34 ng/ml



#28 AR-1254-3

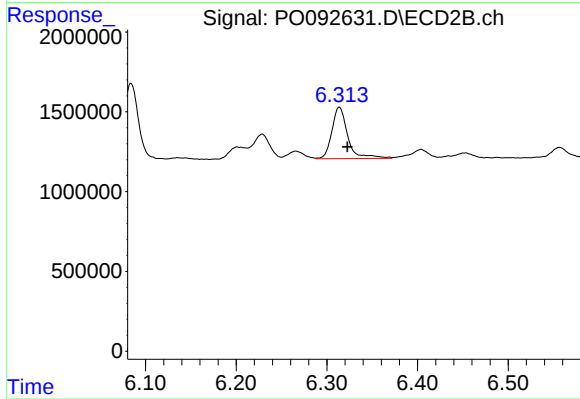
R.T.: 6.084 min  
Delta R.T.: -0.009 min  
Response: 5401031  
Conc: 50.60 ng/ml



#29 AR-1254-4

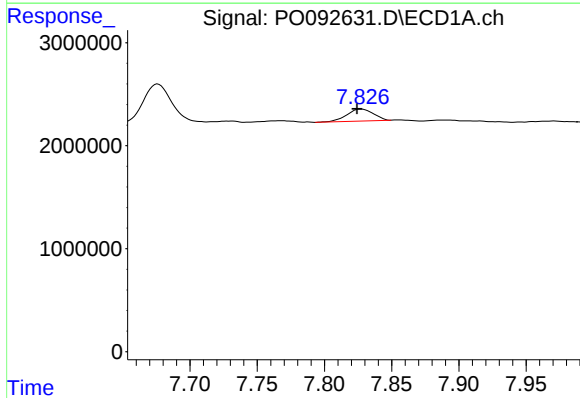
R.T.: 7.398 min  
Delta R.T.: 0.002 min  
Response: 7543478  
Conc: 68.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



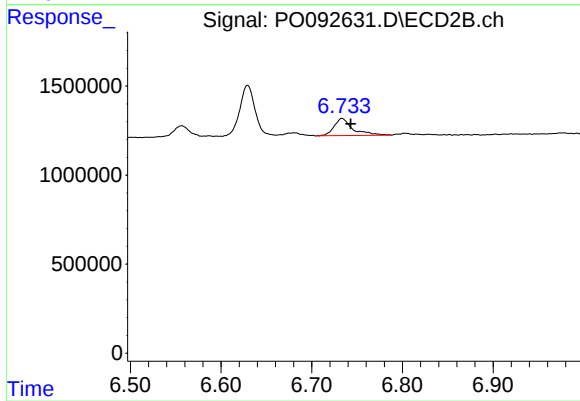
#29 AR-1254-4

R.T.: 6.314 min  
Delta R.T.: -0.009 min  
Response: 3919829  
Conc: 66.56 ng/ml



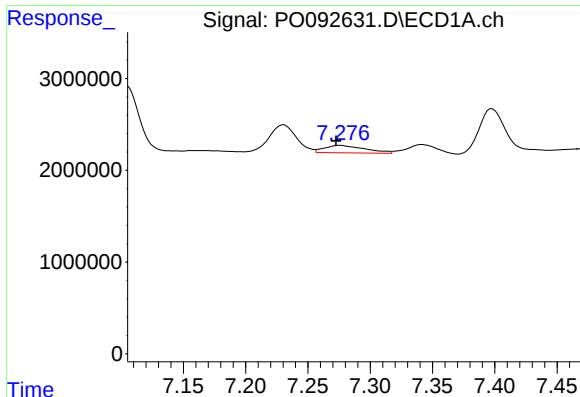
#30 AR-1254-5

R.T.: 7.827 min  
Delta R.T.: 0.003 min  
Response: 1596028  
Conc: 11.34 ng/ml



#30 AR-1254-5

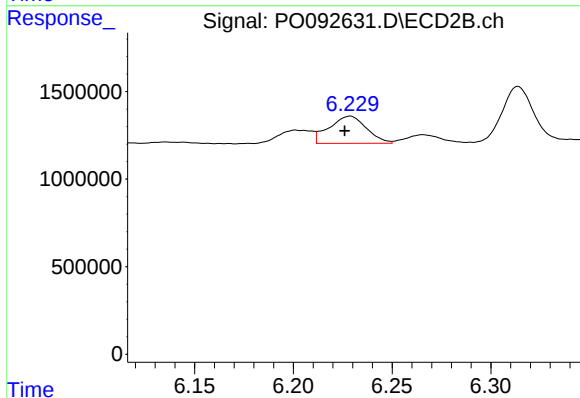
R.T.: 6.733 min  
Delta R.T.: -0.010 min  
Response: 1383729  
Conc: 15.20 ng/ml



#31 AR-1260-1

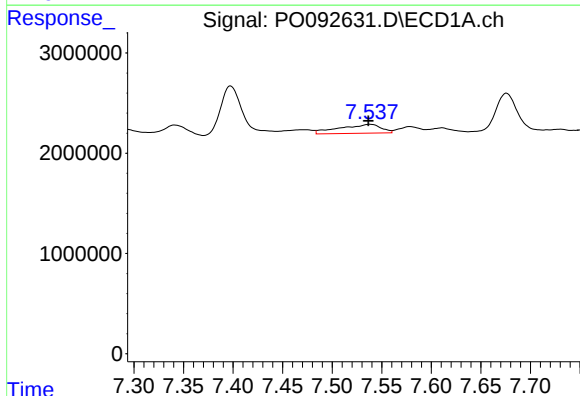
R.T.: 7.276 min  
Delta R.T.: 0.003 min  
Response: 1831131  
Conc: 13.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



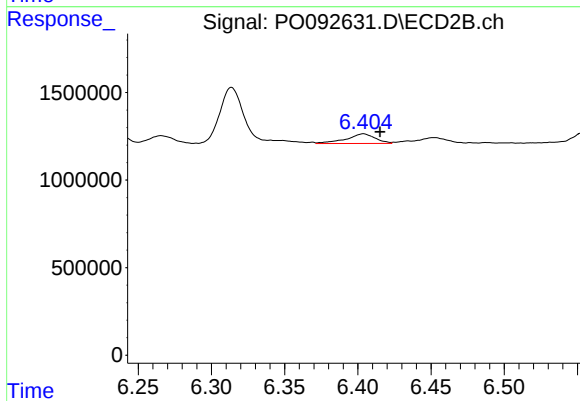
#31 AR-1260-1

R.T.: 6.229 min  
Delta R.T.: 0.003 min  
Response: 2048200  
Conc: 27.11 ng/ml



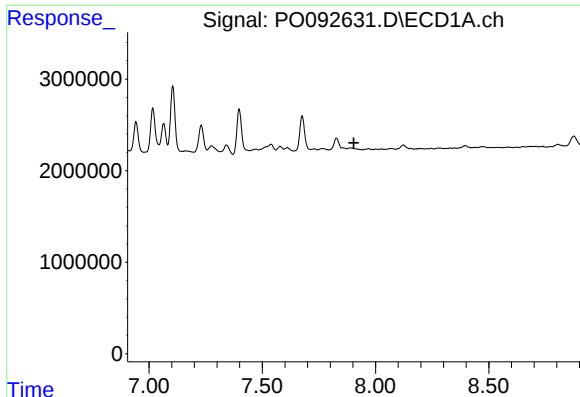
#32 AR-1260-2

R.T.: 7.538 min  
Delta R.T.: 0.002 min  
Response: 2610888  
Conc: 17.61 ng/ml



#32 AR-1260-2

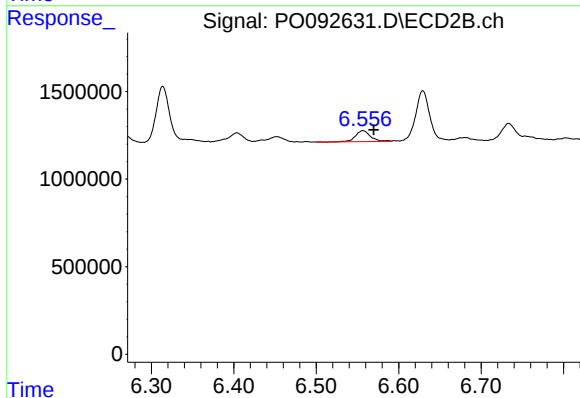
R.T.: 6.404 min  
Delta R.T.: -0.011 min  
Response: 758660  
Conc: 8.66 ng/ml



#33 AR-1260-3

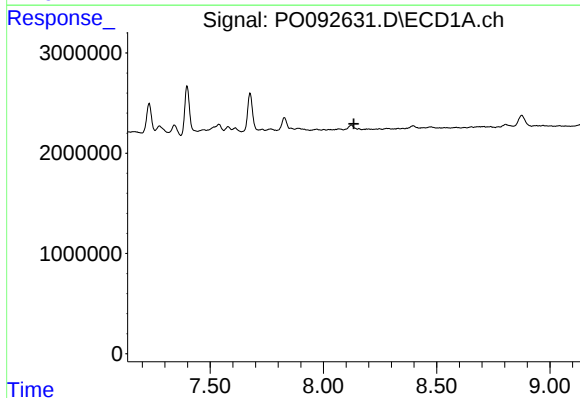
R.T.: 0.000 min  
Exp R.T.: 7.905 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



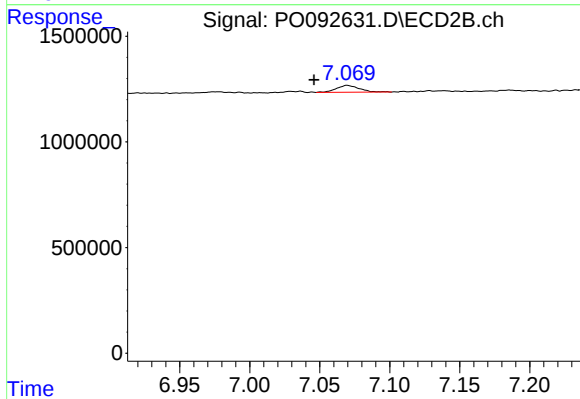
#33 AR-1260-3

R.T.: 6.557 min  
Delta R.T.: -0.013 min  
Response: 795303  
Conc: 9.17 ng/ml



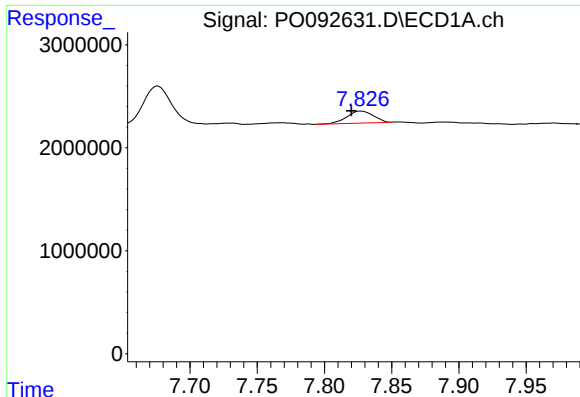
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 8.134 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

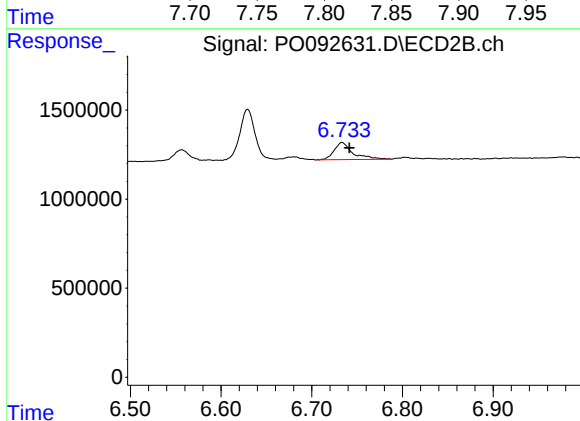
R.T.: 7.070 min  
Delta R.T.: 0.024 min  
Response: 375555  
Conc: 5.61 ng/ml



#36 AR-1262-1

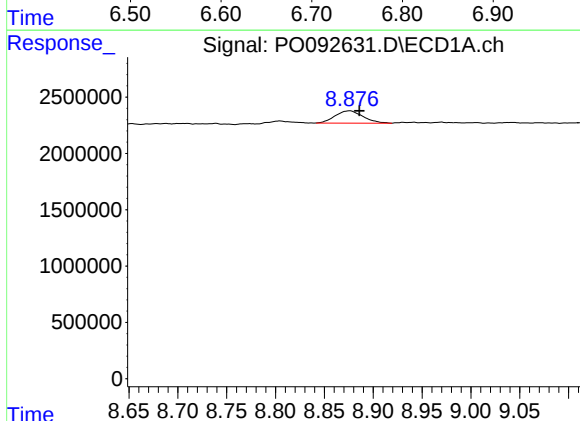
R.T.: 7.827 min  
Delta R.T.: 0.007 min  
Response: 1596028  
Conc: 14.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



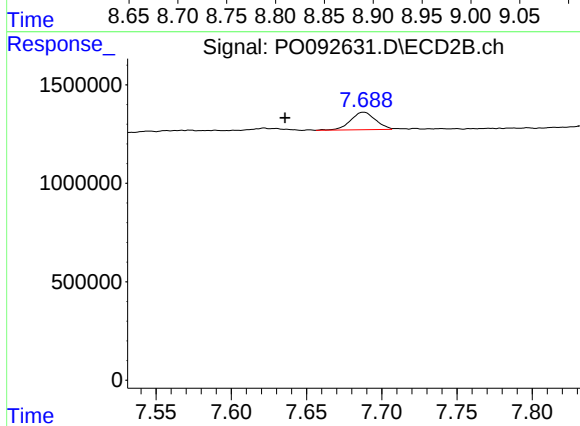
#36 AR-1262-1

R.T.: 6.733 min  
Delta R.T.: -0.008 min  
Response: 1383729  
Conc: 29.82 ng/ml



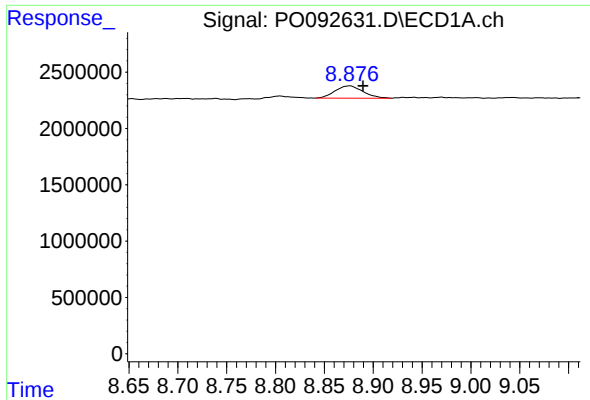
#39 AR-1262-4

R.T.: 8.876 min  
Delta R.T.: -0.010 min  
Response: 2177073  
Conc: 21.40 ng/ml



#39 AR-1262-4

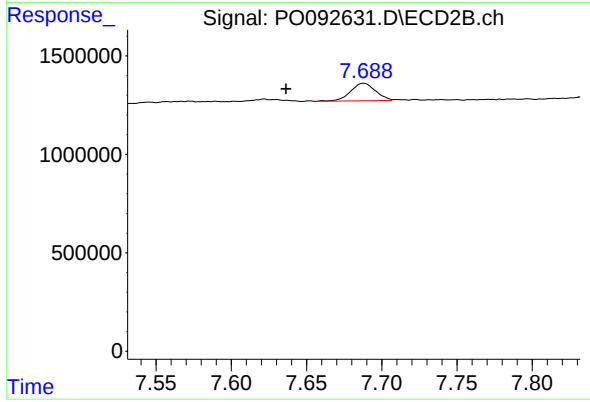
R.T.: 7.688 min  
Delta R.T.: 0.052 min  
Response: 1037182  
Conc: 9.47 ng/ml



#42 AR-1268-2

R.T.: 8.876 min  
Delta R.T.: -0.014 min  
Response: 2177073  
Conc: 7.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



#42 AR-1268-2

R.T.: 7.688 min  
Delta R.T.: 0.051 min  
Response: 1037182  
Conc: 6.27 ng/ml